

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
 Data File : VN050000.D
 Acq On : 23 Jul 2018 9:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/24/2018 5:46:24 PM

Quant Time: Jul 24 04:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	496758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	450929	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	407815	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1488321	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	520793	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	569276	90.85	ug/l	97
3) Chloromethane	2.06	50	552911	58.24	ug/l	100
4) Vinyl Chloride	2.18	62	577049	56.99	ug/l	100
5) Bromomethane	2.56	94	321662	57.09	ug/l	99
6) Chloroethane	2.70	64	333295	50.40	ug/l	100
7) Trichlorofluoromethane	3.01	101	746074	53.60	ug/l	98
8) Diethyl Ether	3.41	74	252435	51.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	454882	53.00	ug/l	100
10) Methyl Iodide	3.95	142	582202	50.56	ug/l	98
11) Tert butyl alcohol	4.81	59	154983	227.58	ug/l	100
12) 1,1-Dichloroethene	3.73	96	402821	53.43	ug/l	99
13) Acrolein	3.61	56	50775	115.71	ug/l	98
14) Allyl chloride	4.32	41	643701	54.15	ug/l	98
15) Acrylonitrile	4.99	53	735265	245.50	ug/l	99
16) Acetone	3.82	43	610785	246.79	ug/l	100
17) Carbon Disulfide	4.05	76	1269662	56.28	ug/l	100
18) Methyl Acetate	4.33	43	412837	53.14	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1100696	53.05	ug/l	100
20) Methylene Chloride	4.55	84	455964	48.45	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	438597	54.78	ug/l	99
22) Diisopropyl ether	5.96	45	1339982	55.25	ug/l	97
23) Vinyl Acetate	5.90	43	4622317	271.61	ug/l	100
24) 1,1-Dichloroethane	5.85	63	798048	51.25	ug/l	100
25) 2-Butanone	6.84	43	917004	259.25	ug/l	99
26) 2,2-Dichloropropane	6.83	77	684797	56.52	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	475883	54.17	ug/l	99
28) Bromochloromethane	7.20	49	316461	45.00	ug/l	99
29) Tetrahydrofuran	7.22	42	574038	257.62	ug/l	99
30) Chloroform	7.37	83	804845	50.35	ug/l	99
31) Cyclohexane	7.65	56	722209	56.99	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	700759	50.72	ug/l	99
36) 1,1-Dichloropropene	7.79	75	631714	58.21	ug/l	100
37) Ethyl Acetate	6.93	43	382655	51.35	ug/l	99
38) Carbon Tetrachloride	7.77	117	632805	54.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	698383	62.30	ug/l	100
40) Benzene	8.04	78	1852126	56.00	ug/l	100
41) Methacrylonitrile	7.17	41	191059	51.15	ug/l	90
42) 1,2-Dichloroethane	8.13	62	588816	53.75	ug/l	99
43) Isopropyl Acetate	8.17	43	699337	53.72	ug/l	98
44) Trichloroethene	8.84	130	484926	55.92	ug/l	98
45) 1,2-Dichloropropane	9.12	63	479019	53.69	ug/l	99
46) Dibromomethane	9.21	93	292506	52.86	ug/l	99
47) Bromodichloromethane	9.40	83	620174	54.19	ug/l	99
48) Methyl methacrylate	9.20	41	362487	55.51	ug/l	99
49) 1,4-Dioxane	9.20	88	93288	1006.98	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1954869	268.62	ug/l	100
52) Toluene	10.16	92	1148995	58.24	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	638330	56.41	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	726921	58.13	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	414608	50.87	ug/l	99
56) Ethyl methacrylate	10.43	69	527867	48.31	ug/l	99
57) 1,3-Dichloropropane	10.71	76	701827	54.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1231564	239.74	ug/l	99
59) 2-Hexanone	10.75	43	1390352	284.43	ug/l	99
60) Dibromochloromethane	10.90	129	477163	53.39	ug/l	99
61) 1,2-Dibromoethane	11.01	107	409953	53.83	ug/l	98
64) Tetrachloroethene	10.63	164	470109	57.85	ug/l	99
65) Chlorobenzene	11.43	112	1241542	54.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	463119	52.62	ug/l	99
67) Ethyl Benzene	11.51	91	2162277	58.66	ug/l	99
68) m/p-Xylenes	11.62	106	1674594	120.01	ug/l	99
69) o-Xylene	11.95	106	793582	59.21	ug/l	98
70) Styrene	11.97	104	1298532	59.82	ug/l	100
71) Bromoform	12.13	173	337361	53.58	ug/l #	99
73) Isopropylbenzene	12.25	105	2136938	56.63	ug/l	100
74) N-amyl acetate	12.07	43	596248	51.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	524334	46.38	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	414524m	44.48	ug/l	
77) Bromobenzene	12.53	156	538725	51.70	ug/l	98
78) n-propylbenzene	12.59	91	2500717	58.29	ug/l	100
79) 2-Chlorotoluene	12.68	91	1458116	55.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1773526	58.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	153903	51.64	ug/l	99
82) 4-Chlorotoluene	12.77	91	1500252	56.77	ug/l	100
83) tert-Butylbenzene	12.99	119	1504382	56.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1825910	59.60	ug/l	100
85) sec-Butylbenzene	13.17	105	2058365	58.64	ug/l	100
86) p-Isopropyltoluene	13.29	119	1816243	60.70	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	979055	53.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	952539	52.33	ug/l	99
89) n-Butylbenzene	13.62	91	1533387	62.07	ug/l	100
90) Hexachloroethane	13.88	117	329592	49.08	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	939855	52.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81613	46.72	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	496959	50.46	ug/l	99
94) Hexachlorobutadiene	15.01	225	305810	52.28	ug/l	99
95) Naphthalene	15.14	128	1045247	44.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	485846	56.73	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

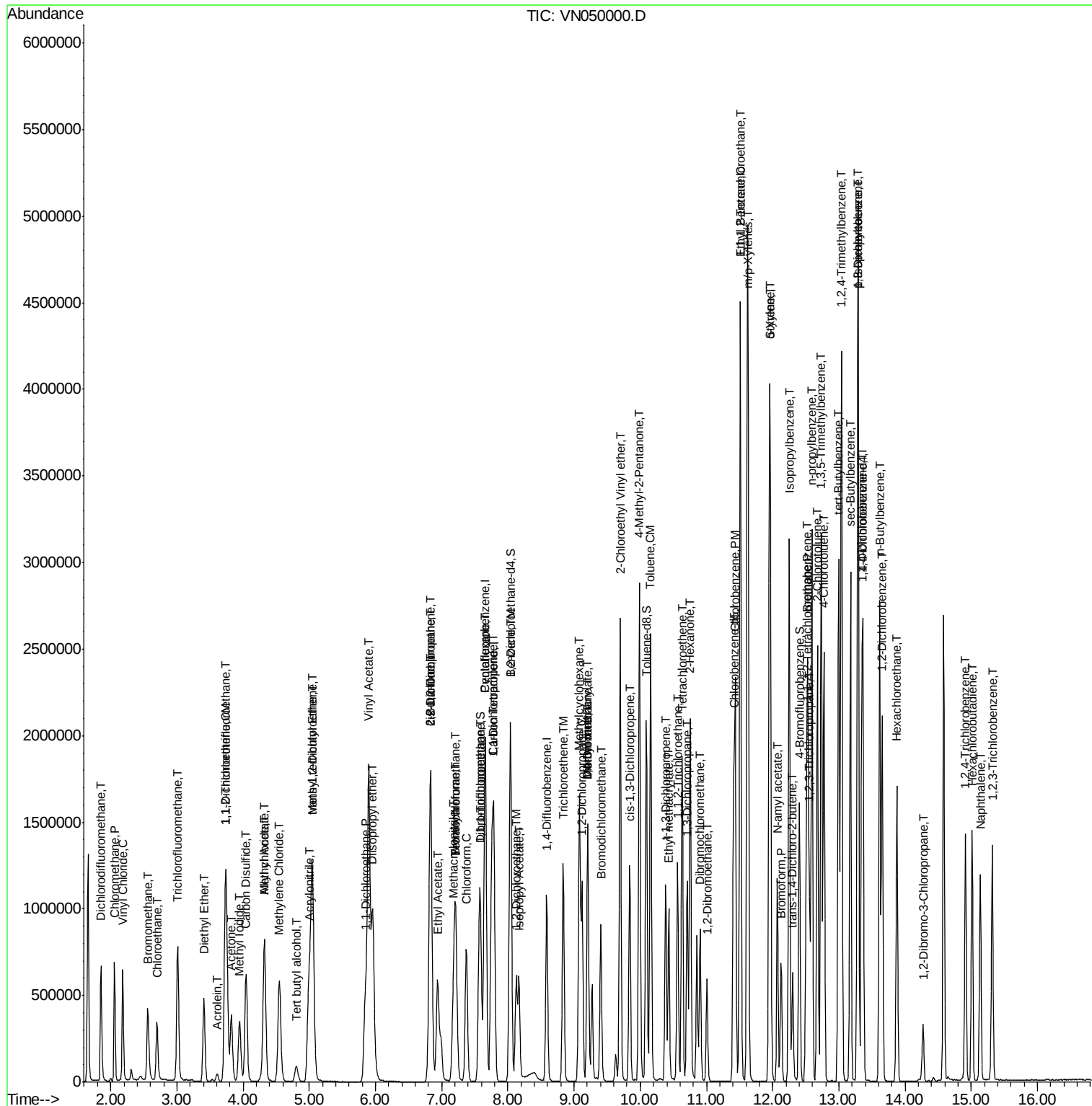
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
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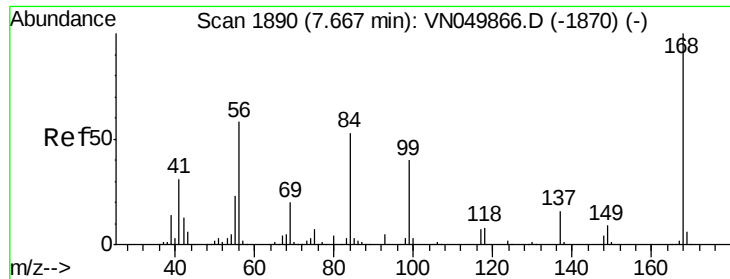
Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 695482

Ion Ratio Lower Upper

168 100

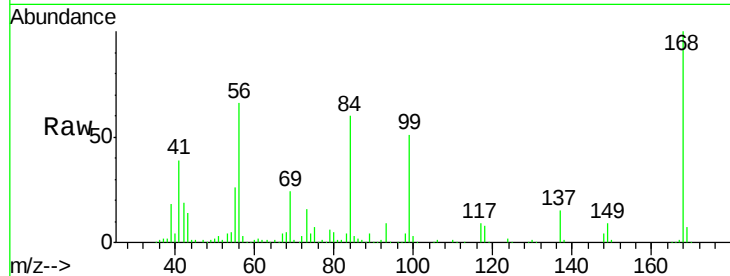
99 51.1 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

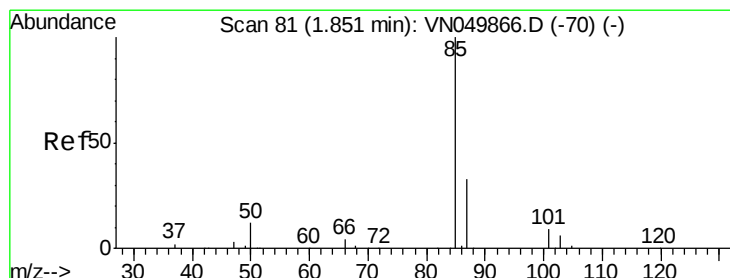
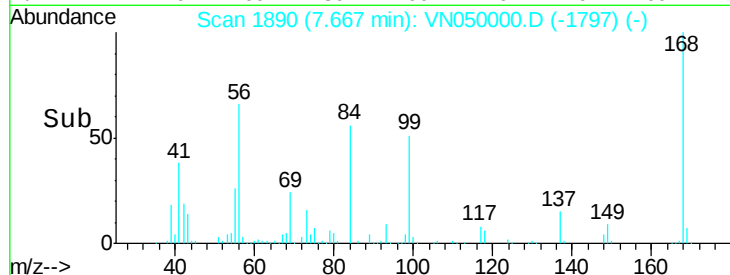
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 90.85 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050000.D

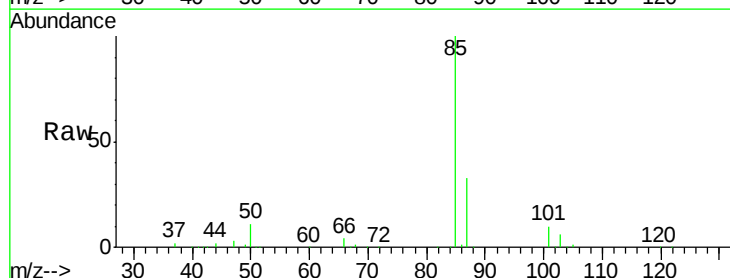
Acq: 23 Jul 2018 9:01

Tgt Ion: 85 Resp: 569276

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

400000

300000

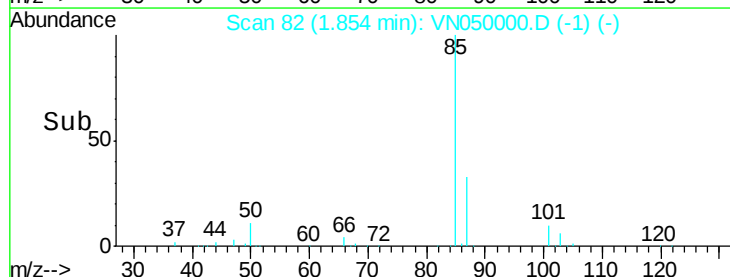
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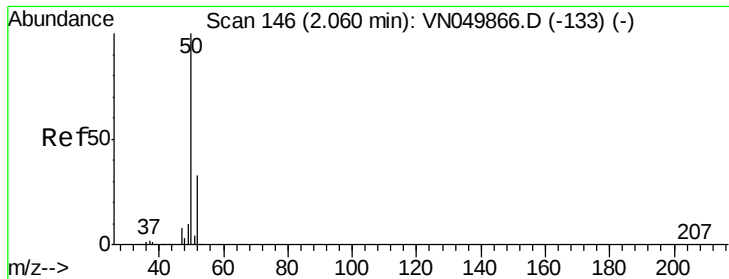
100000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 58.24 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 552911

Ion Ratio Lower Upper

50 100

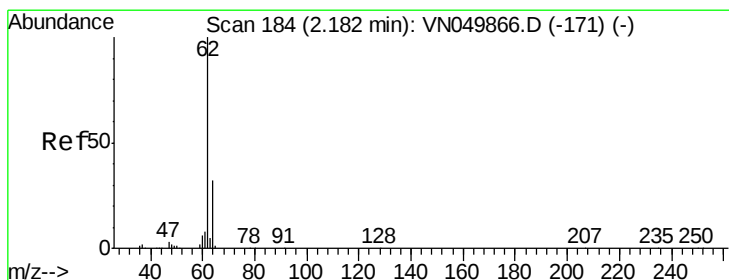
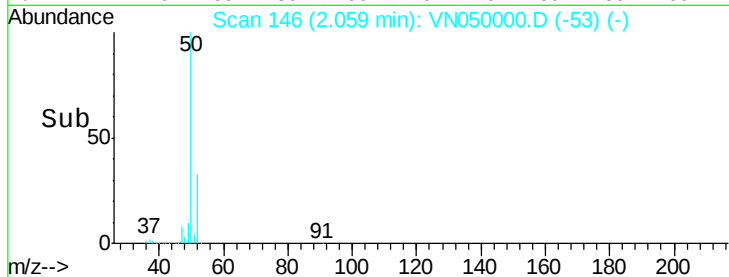
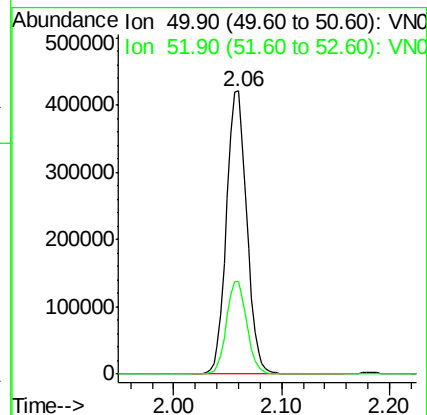
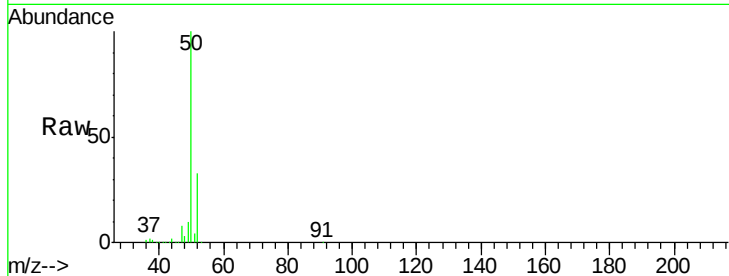
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.99 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050000.D

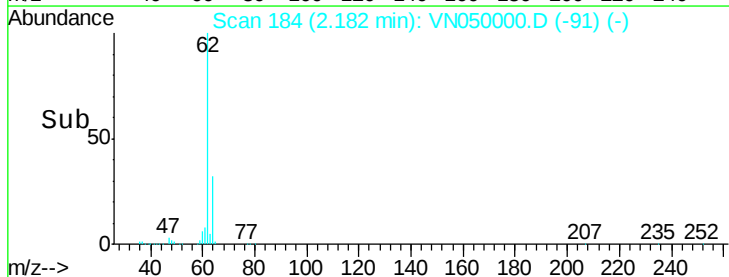
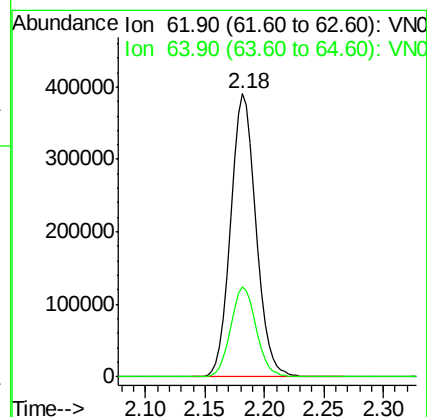
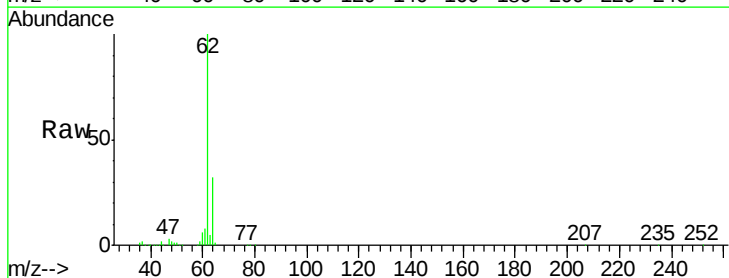
Acq: 23 Jul 2018 9:01

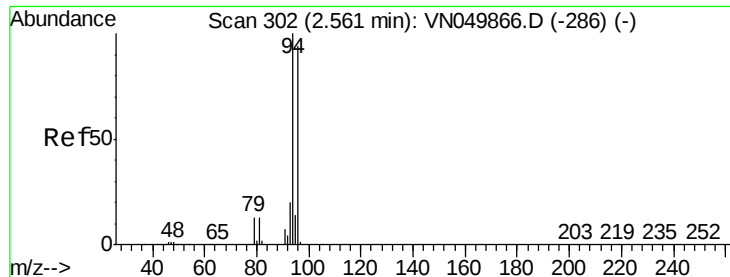
Tgt Ion: 62 Resp: 577049

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 57.09 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 321662

Ion Ratio Lower Upper

94 100

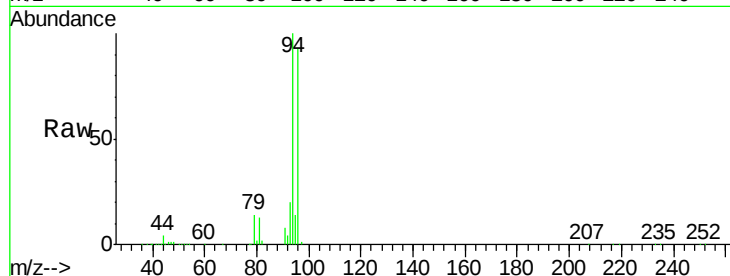
96 93.4 75.7 113.5

Manual Integrations

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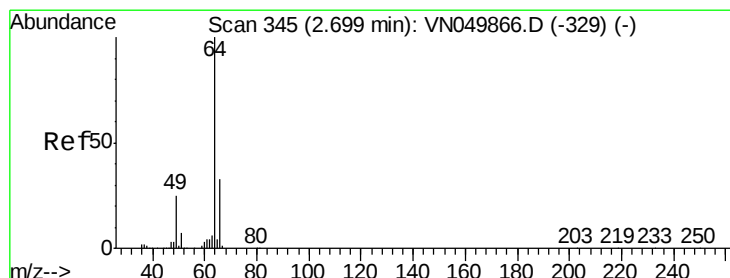
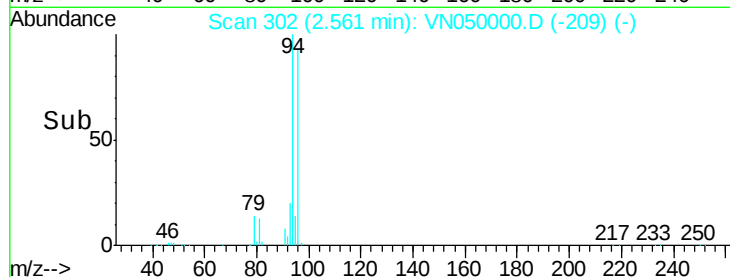
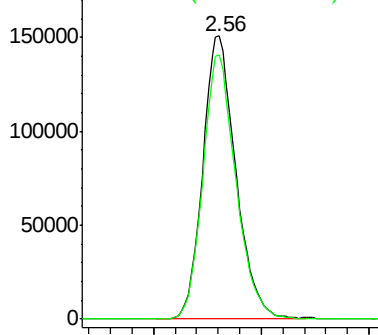
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.40 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN050000.D

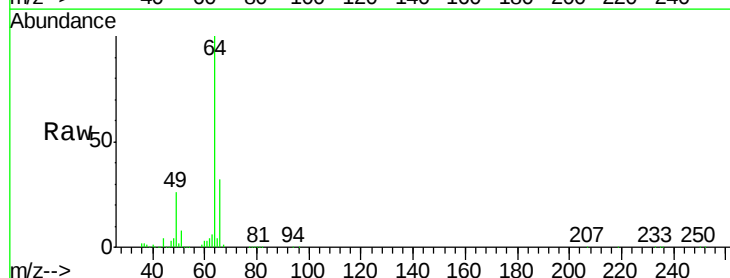
Acq: 23 Jul 2018 9:01

Tgt Ion: 64 Resp: 333295

Ion Ratio Lower Upper

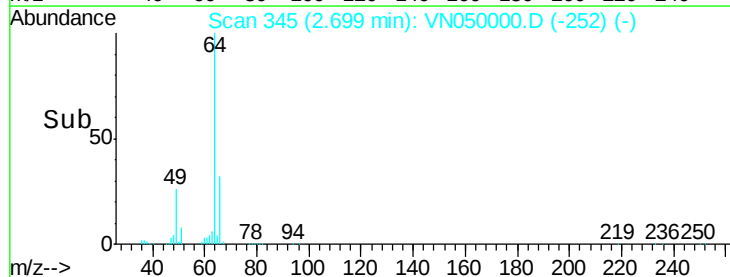
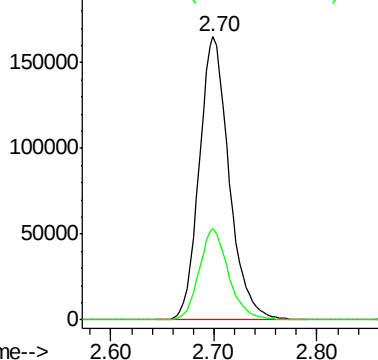
64 100

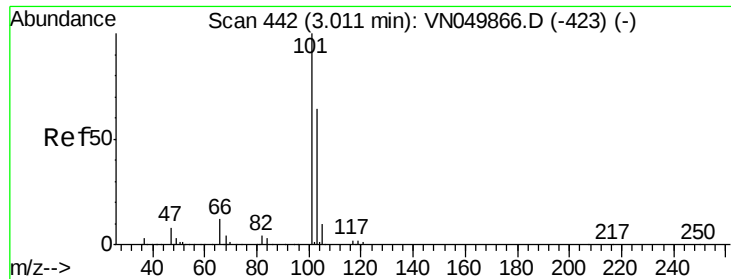
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

Trichlorofluoromethane

Concen: 53.60 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 746074

Ion Ratio Lower Upper

101 100

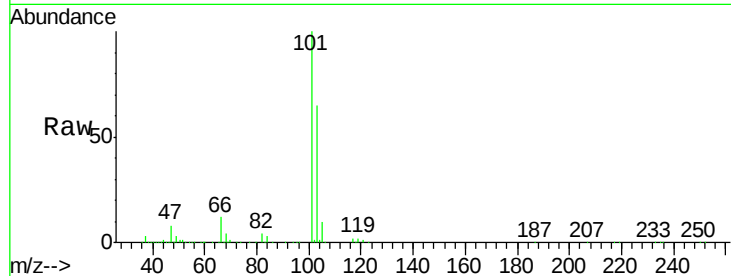
103 64.5 52.8 79.2

Manual Integrations

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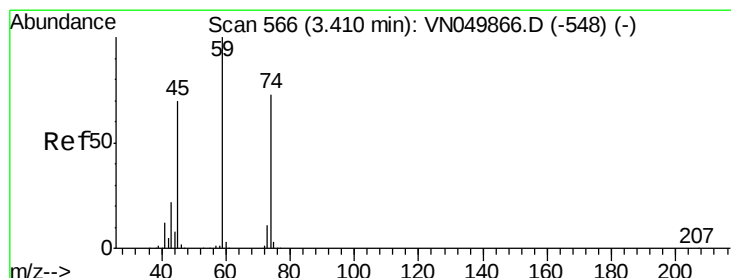
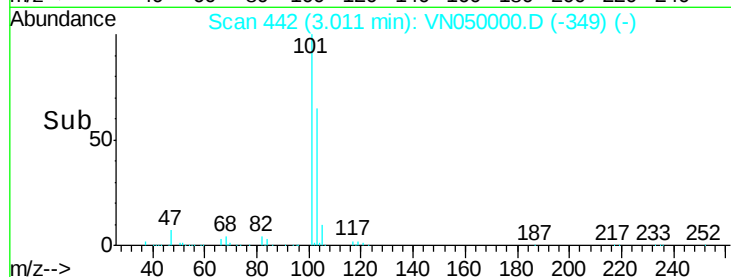
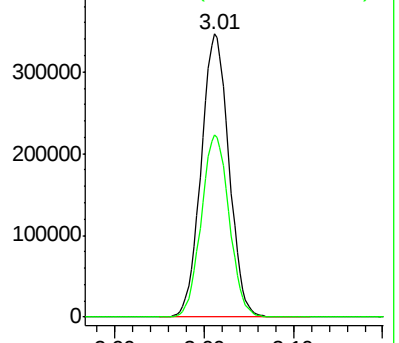
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.98 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN050000.D

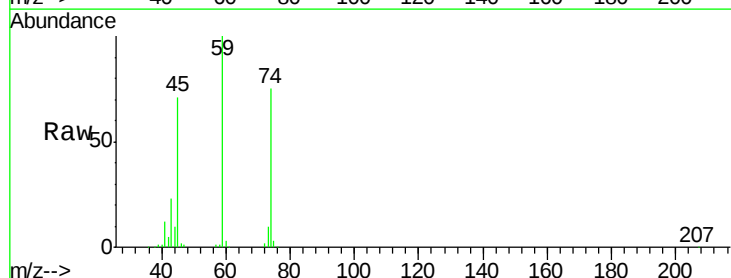
Acq: 23 Jul 2018 9:01

Tgt Ion: 74 Resp: 252435

Ion Ratio Lower Upper

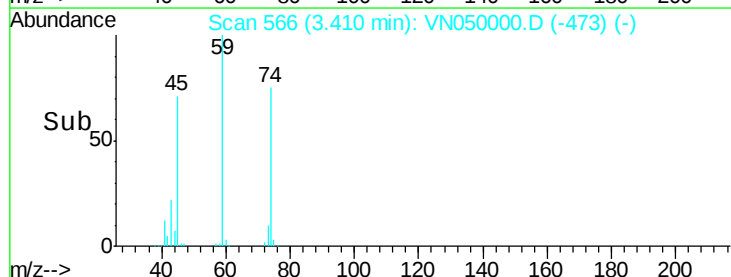
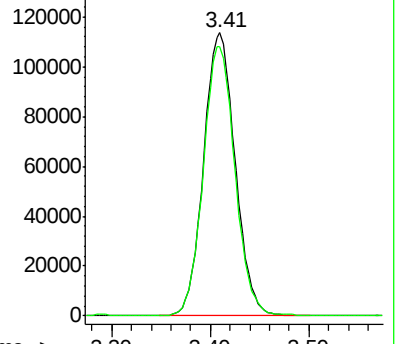
74 100

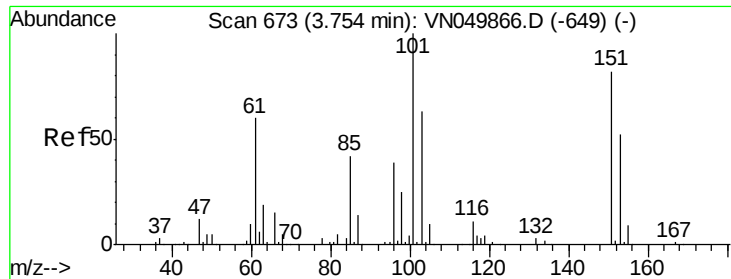
45 95.7 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.00 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

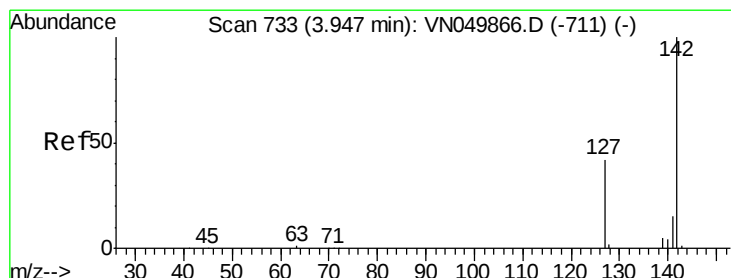
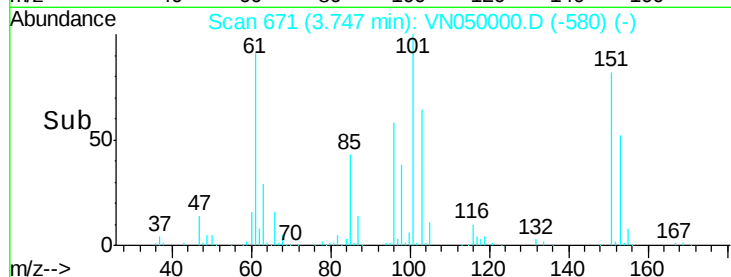
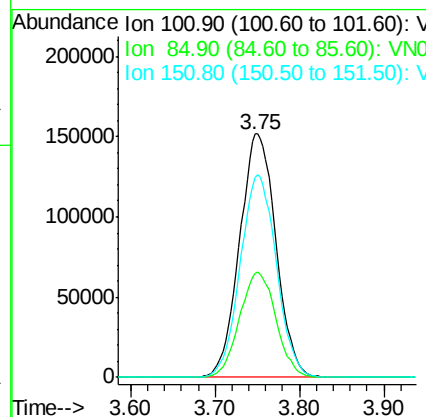
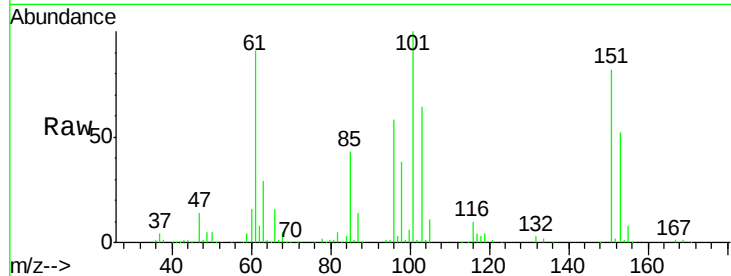
VSTDCCC050

Tot Ion:	101	Resp:	454882
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	82.8	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.56 ug/l

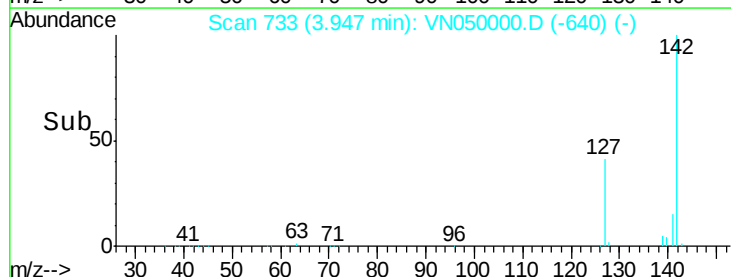
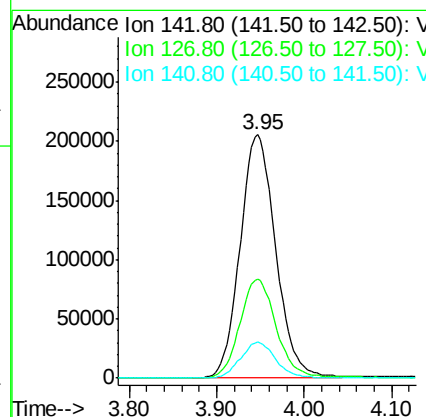
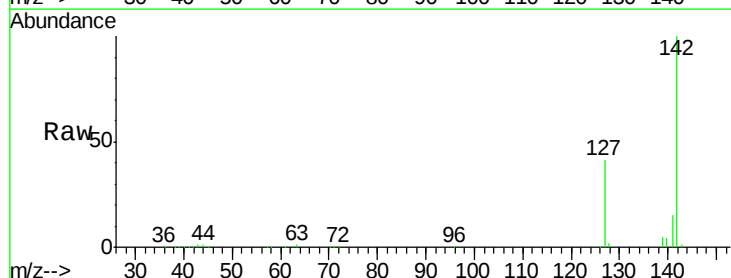
RT: 3.95 min Scan# 733

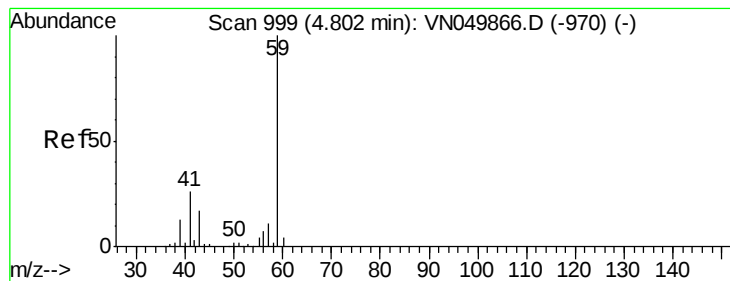
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	142	Resp:	582202
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.5	48.7
141	14.7	11.1	16.7





#11

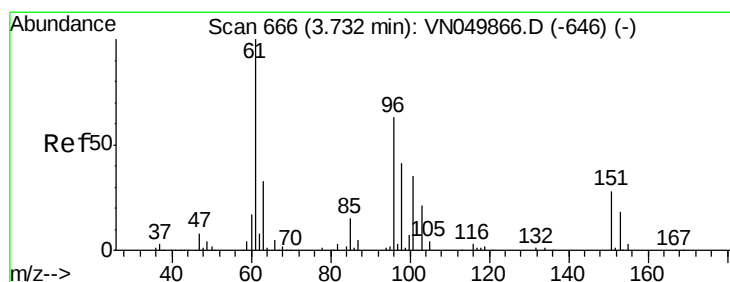
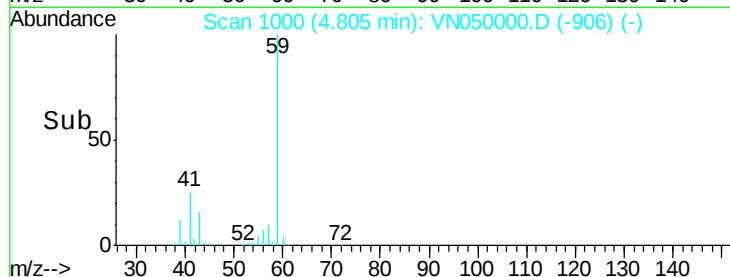
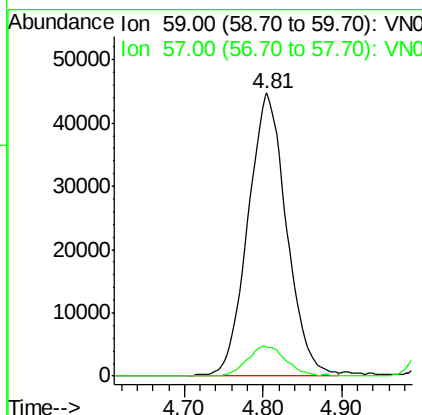
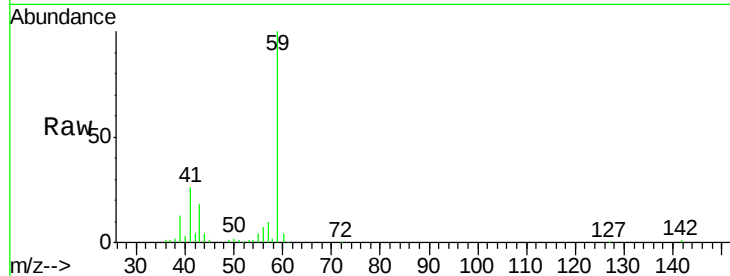
Tert butyl alcohol
 Concen: 227.58 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
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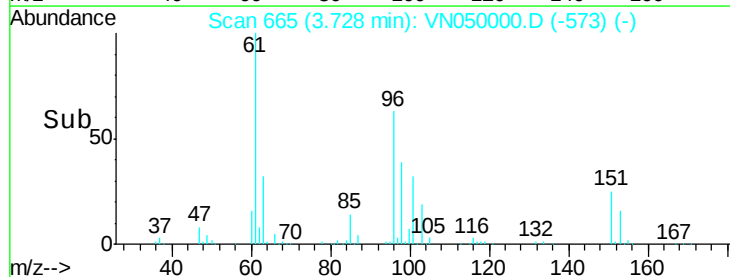
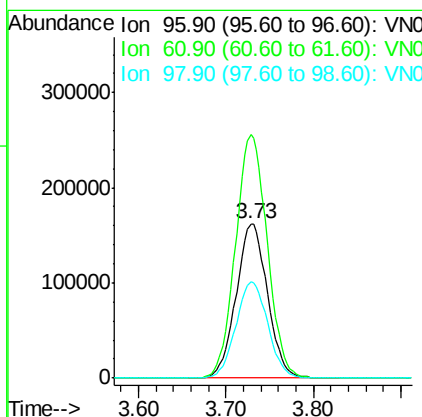
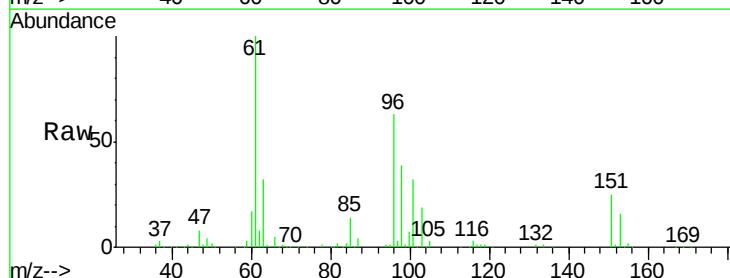
sam
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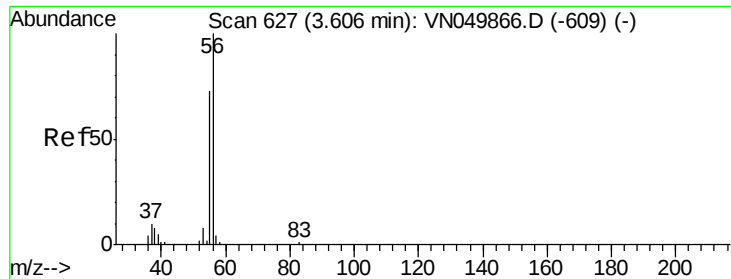


#12

1,1-Dichloroethene
 Concen: 53.43 ug/l
 RT: 3.73 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.5	189.7
98	62.1	51.0	76.6





#13

Acrolein

Concen: 115.71 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 50775

Ion Ratio Lower Upper

56 100

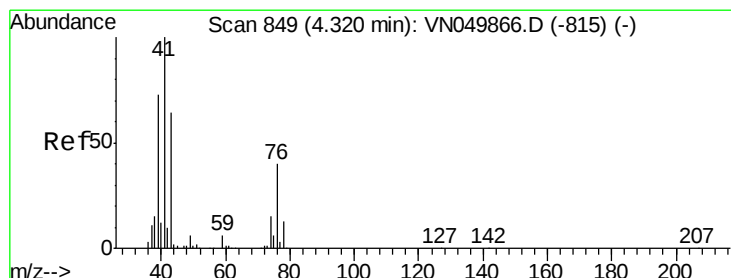
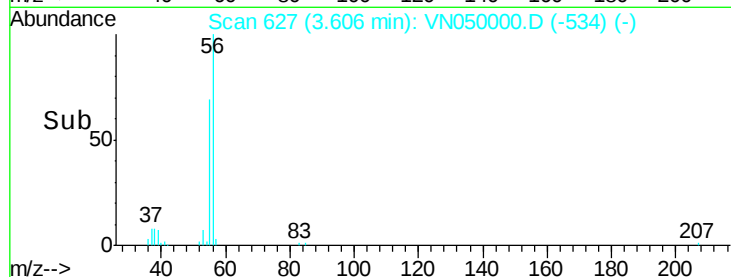
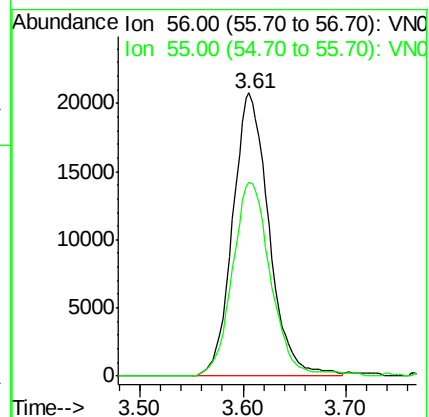
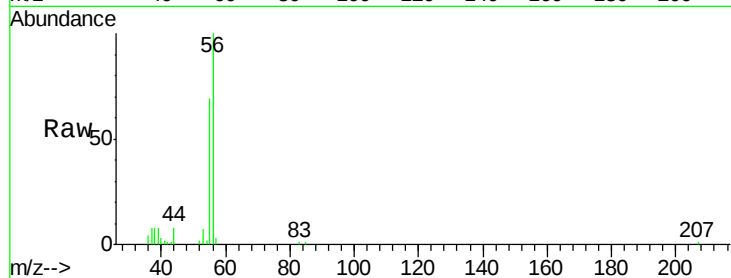
55 71.2 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 54.15 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

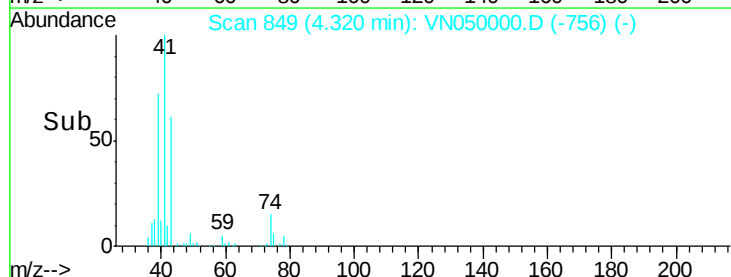
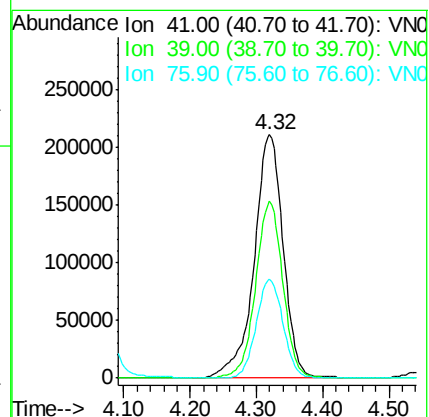
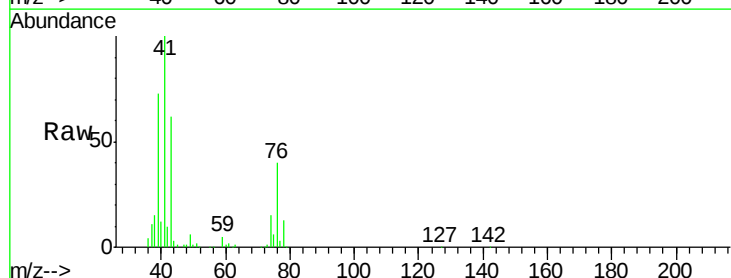
Tgt Ion: 41 Resp: 643701

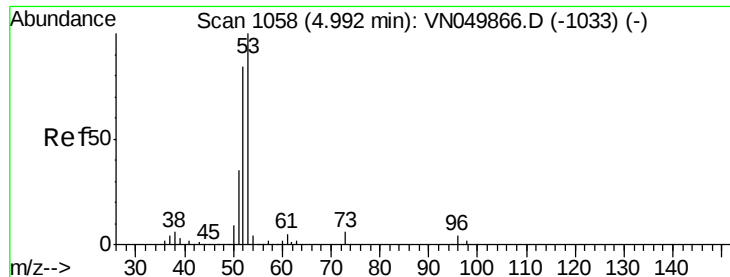
Ion Ratio Lower Upper

41 100

39 67.9 53.2 79.8

76 36.9 29.0 43.6





#15

Acrylonitrile

Concen: 245.50 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

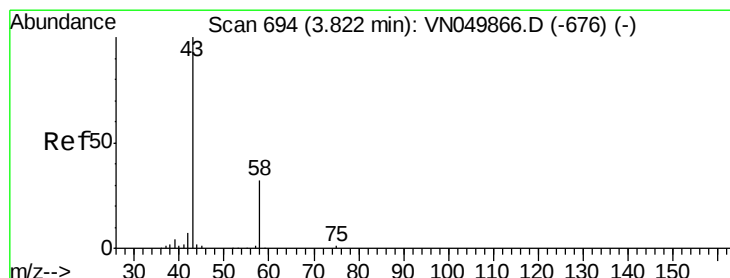
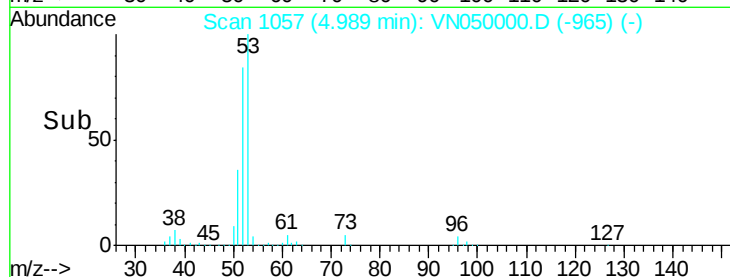
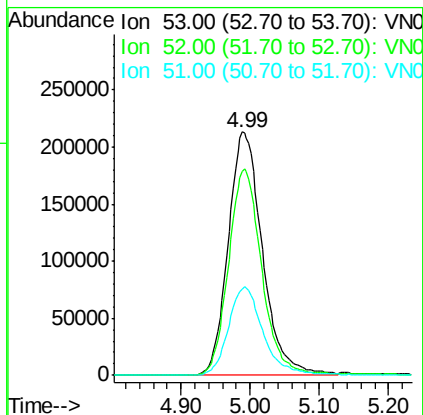
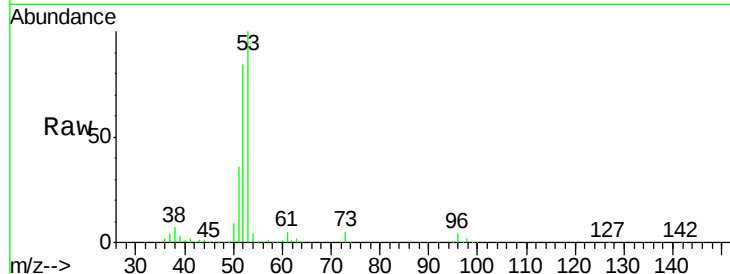
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	735265
Ion Ratio		Lower	Upper
53	100		
52	81.7	64.8	97.2
51	36.8	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 246.79 ug/l

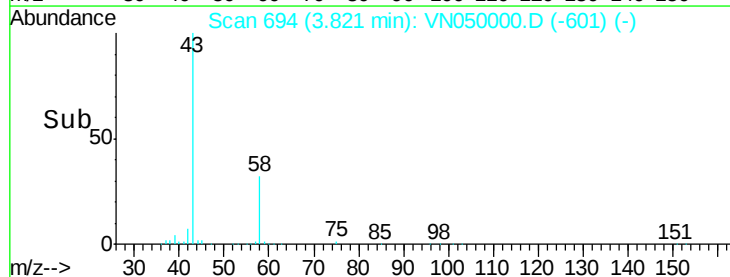
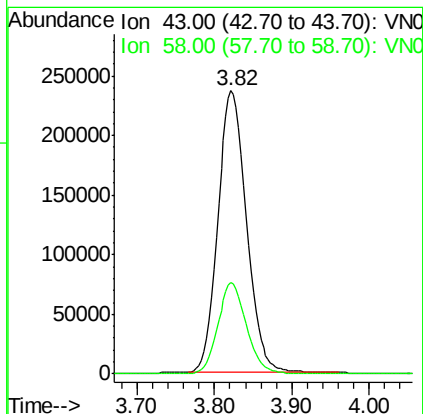
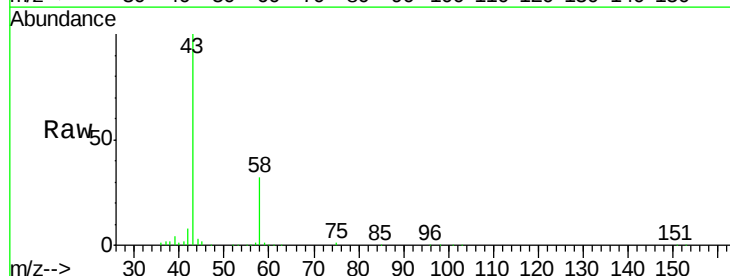
RT: 3.82 min Scan# 694

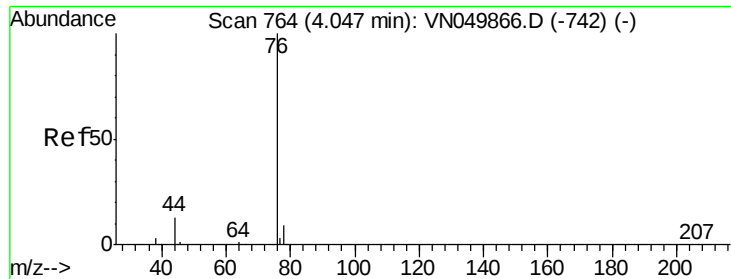
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	43	Resp:	610785
Ion Ratio		Lower	Upper
43	100		
58	32.2	25.9	38.9





#17

Carbon Disulfide

Concen: 56.28 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1269662

Ion Ratio Lower Upper

76 100

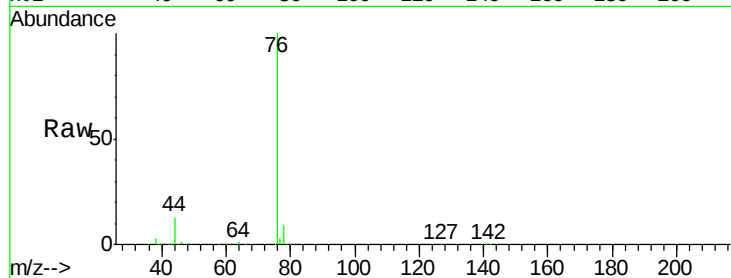
78 9.1 7.1 10.7

Manual Integrations

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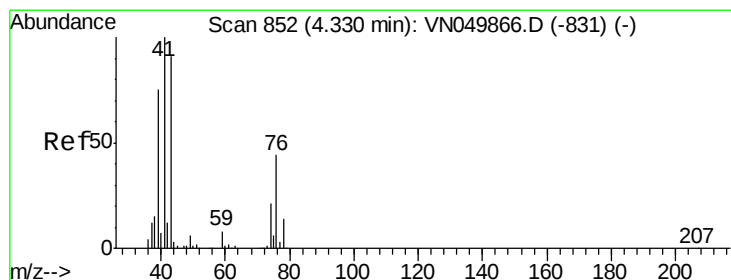
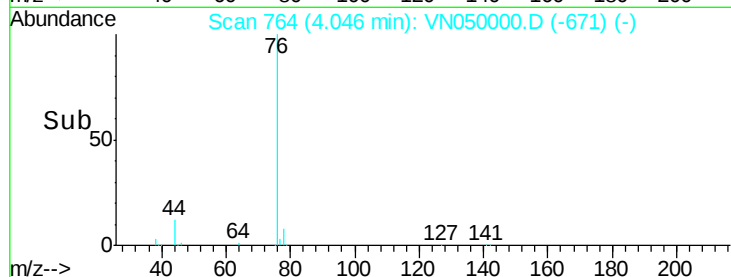
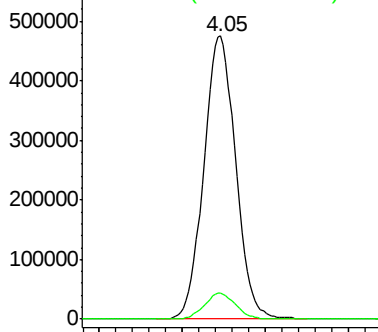
sam

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 53.14 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050000.D

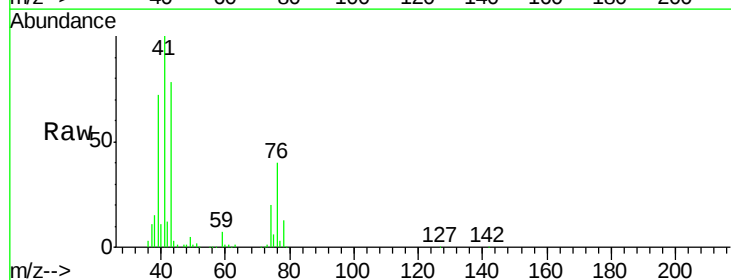
Acq: 23 Jul 2018 9:01

Tgt Ion: 43 Resp: 412837

Ion Ratio Lower Upper

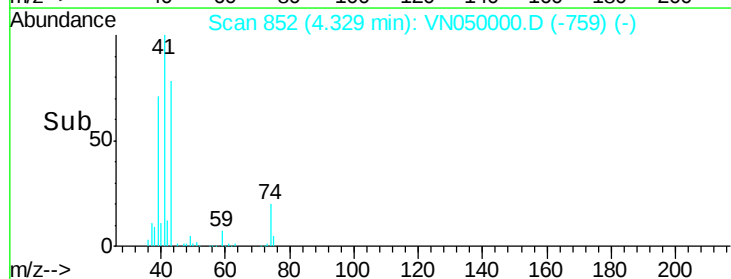
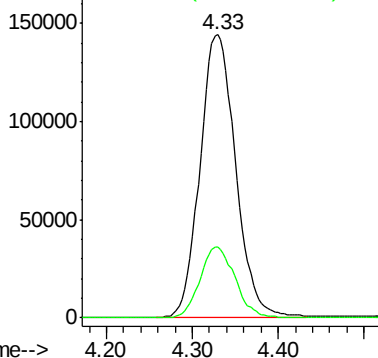
43 100

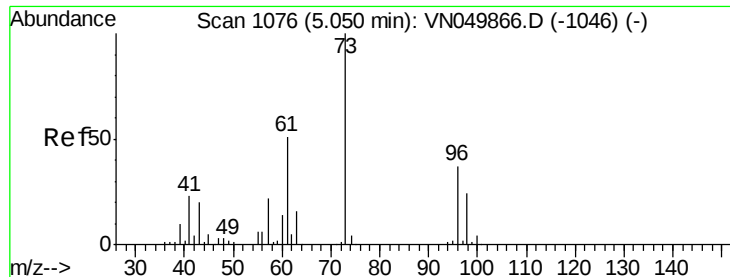
74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





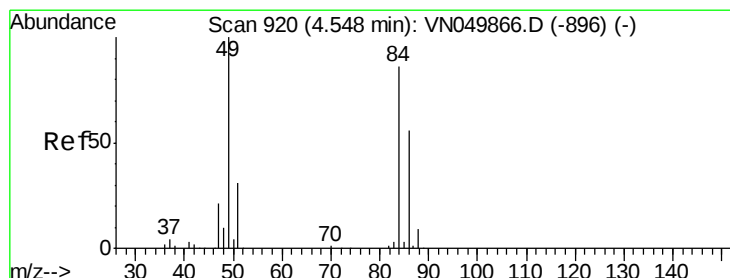
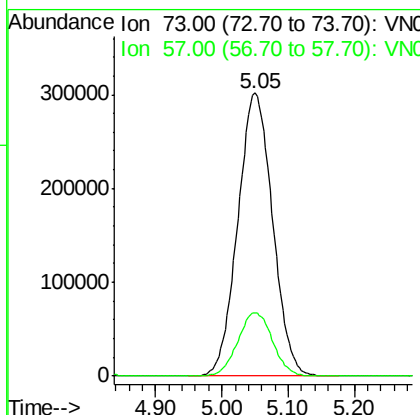
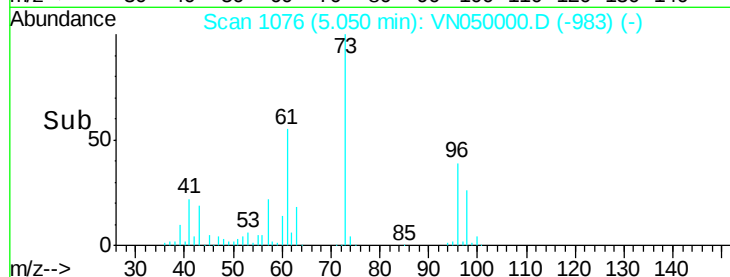
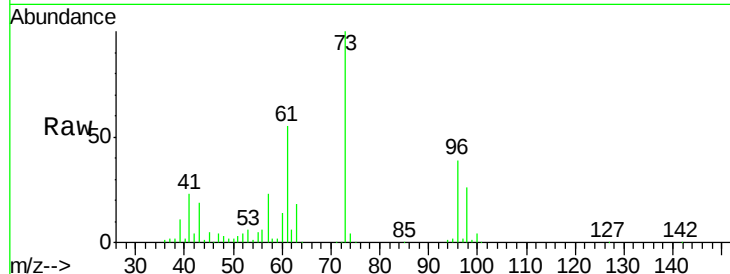
#19
Methvl tert-butvl Ether
Concen: 53.05 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1100696
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1

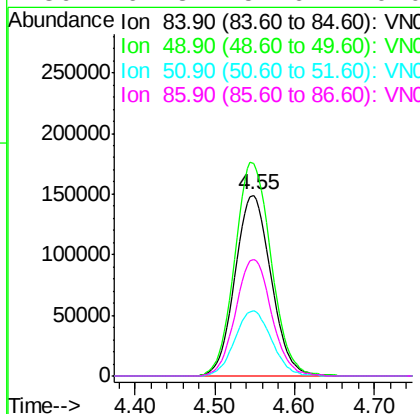
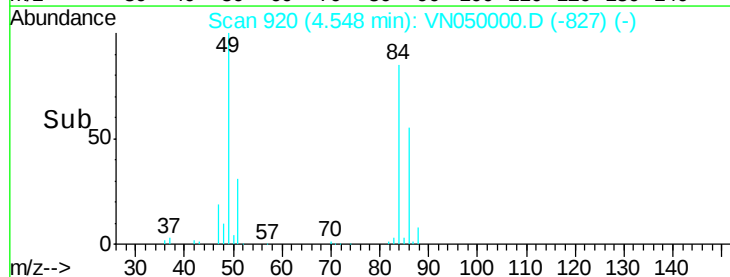
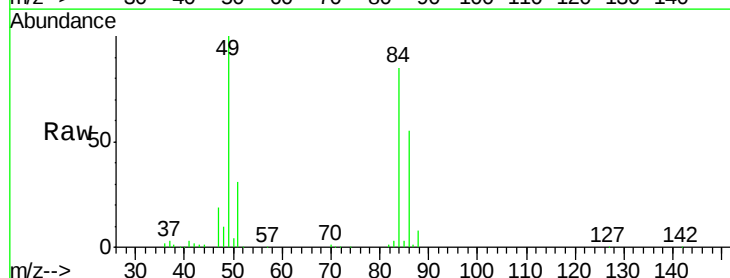
Manual Integrations
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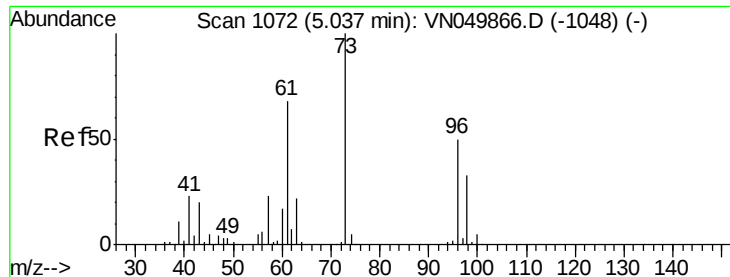
sam
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#20
Methylene Chloride
Concen: 48.45 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 84 Resp: 455964
Ion Ratio Lower Upper
84 100
49 117.7 95.4 143.2
51 36.0 28.4 42.6
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 54.78 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampled :

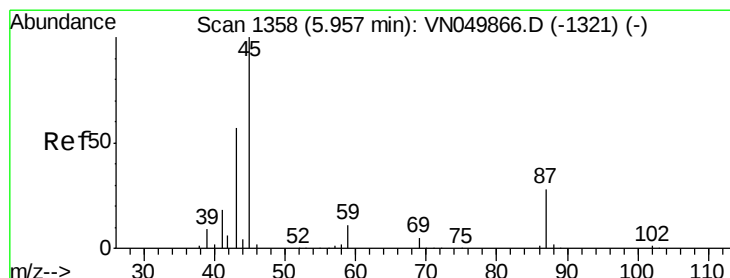
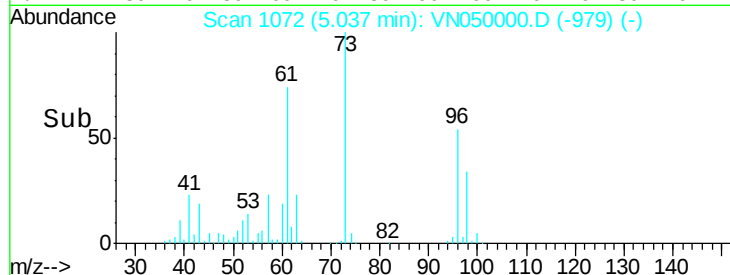
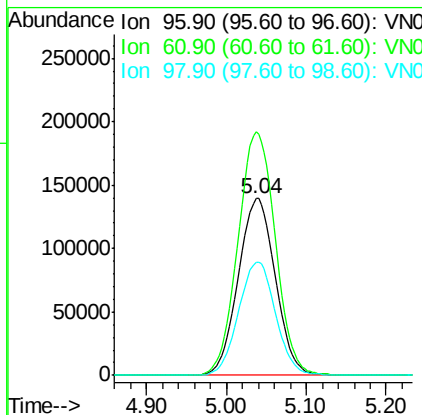
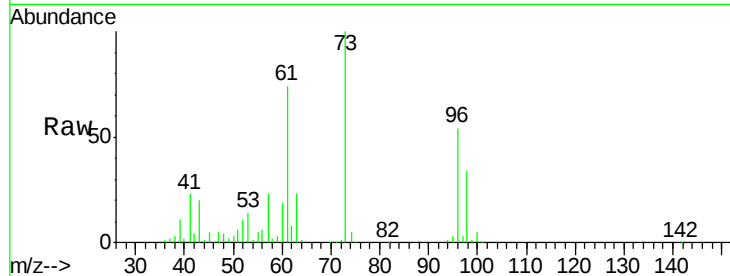
VSTDCCC050

Tot Ion:	96	Resp:	438597
Ion	Ratio	Lower	Upper
96	100		
61	137.7	109.0	163.6
98	63.8	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.25 ug/l

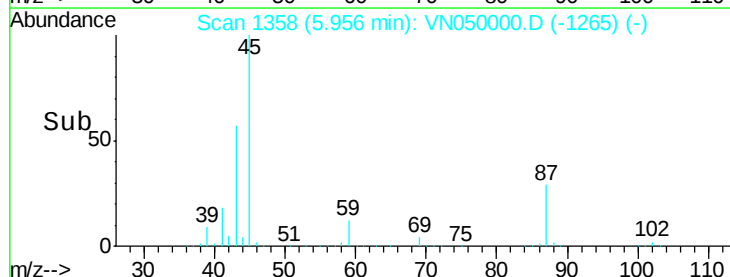
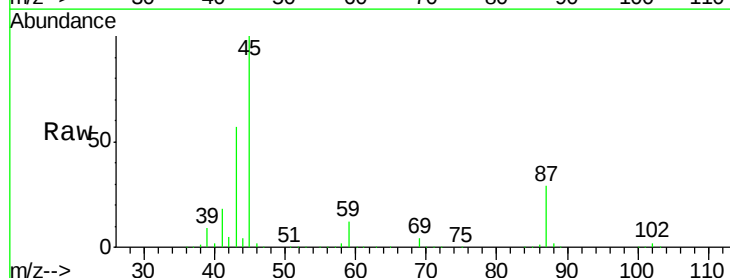
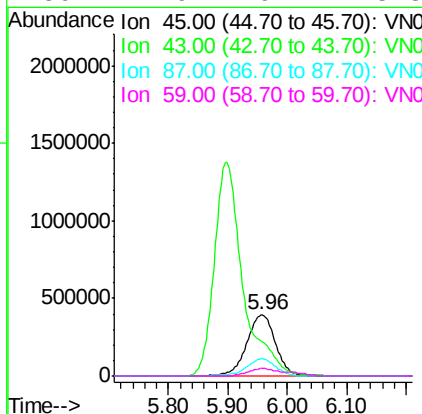
RT: 5.96 min Scan# 1358

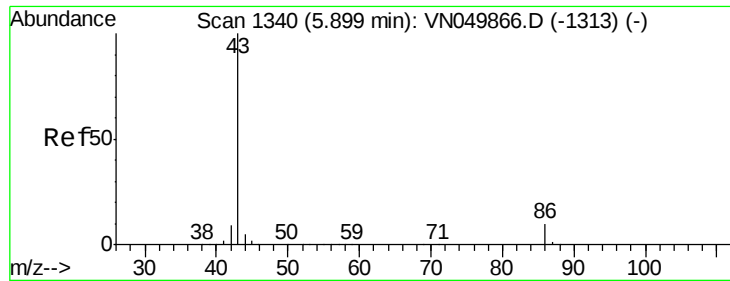
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	45	Resp:	1339982
Ion	Ratio	Lower	Upper
45	100		
43	56.4	48.1	72.1
87	28.4	22.6	34.0
59	11.9	9.2	13.8





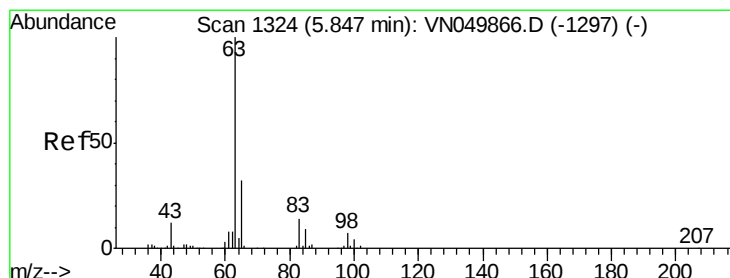
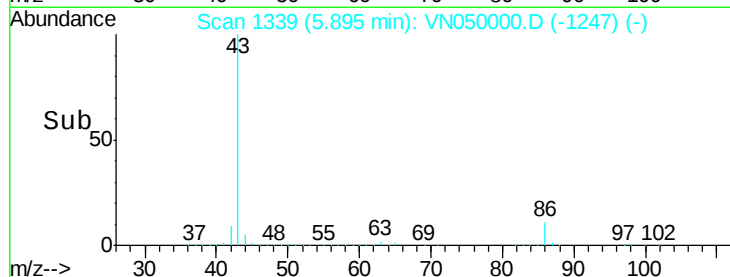
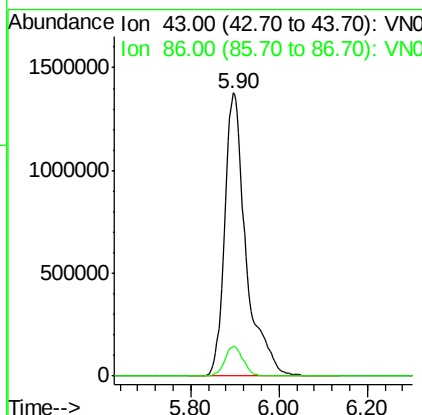
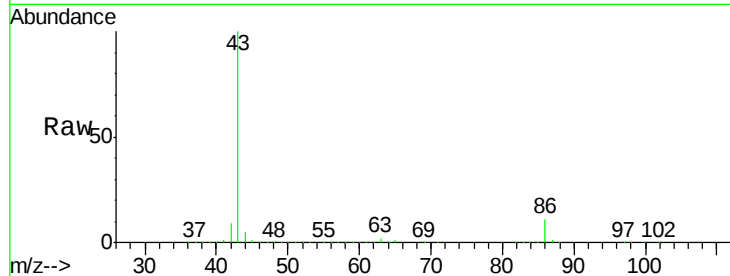
#23
 Vinyl Acetate
 Concen: 271.61 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 4622317
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

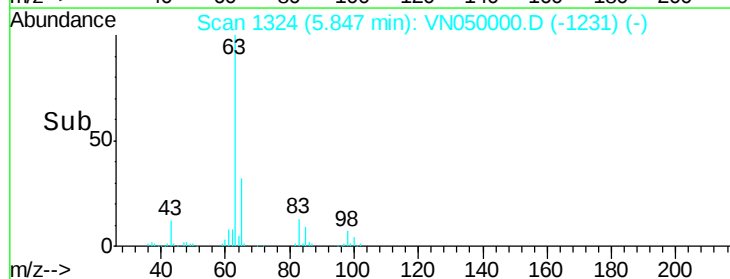
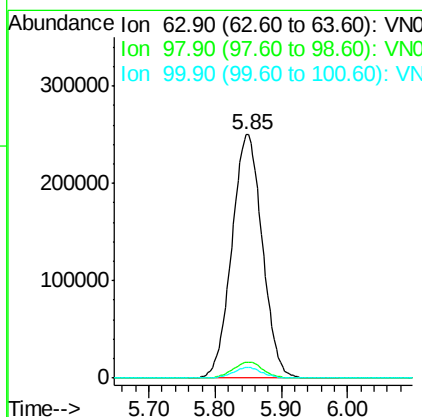
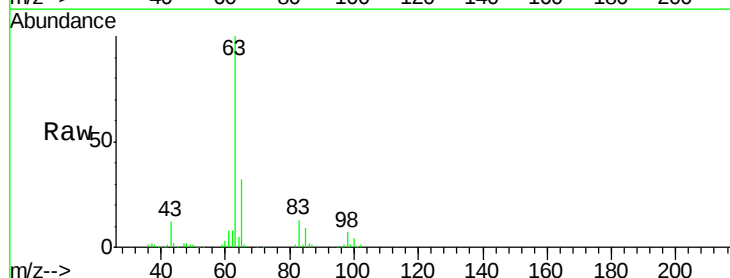
Manual Integrations
 APPROVED

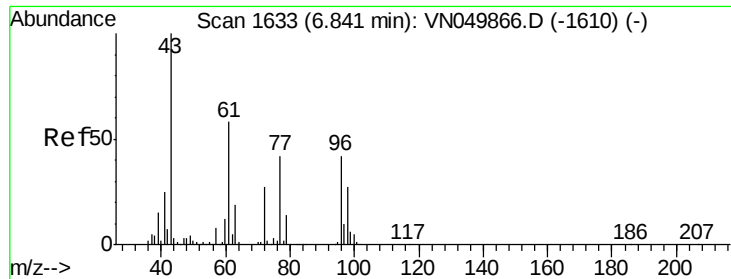
sam
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#24
 1,1-Dichloroethane
 Concen: 51.25 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 63 Resp: 798048
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.2 2.2 6.6





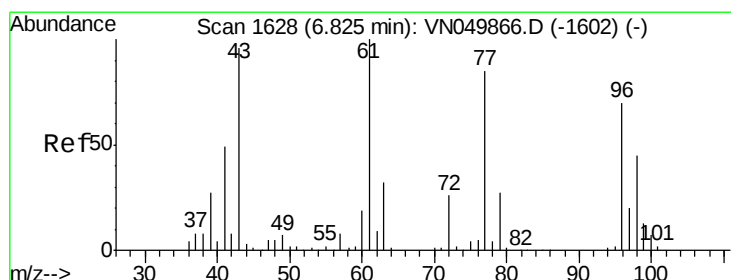
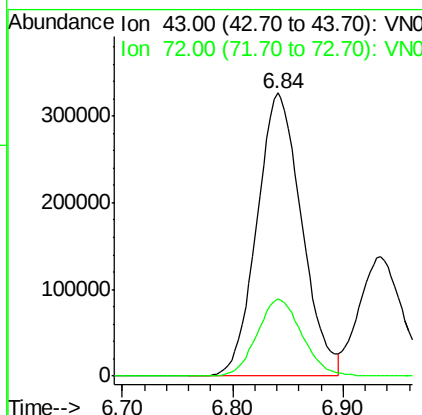
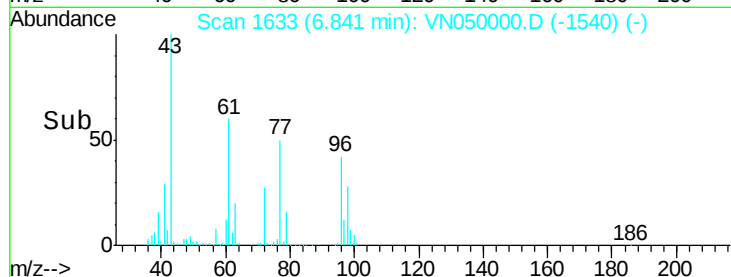
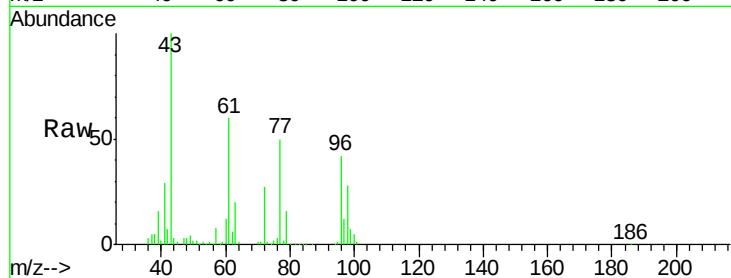
#25
2-Butanone
Concen: 259.25 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 917004
Ion Ratio Lower Upper
43 100
72 27.2 22.1 33.1

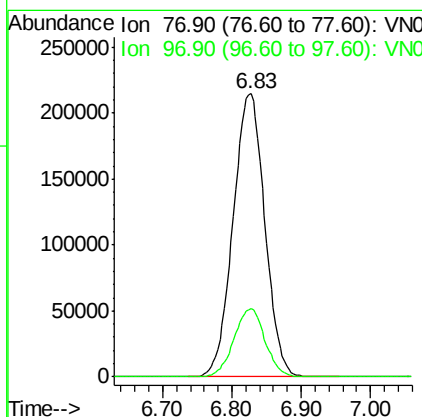
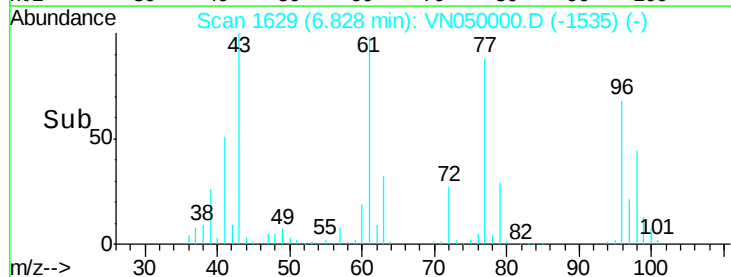
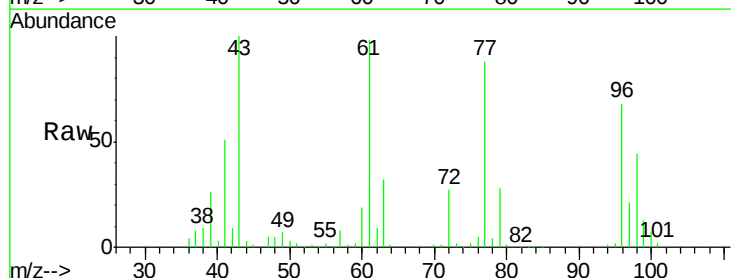
Manual Integrations
APPROVED

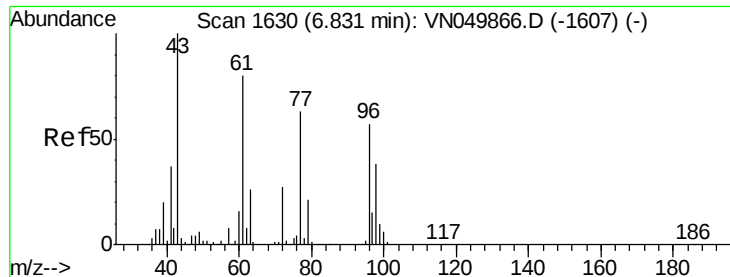
sam
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#26
2,2-Dichloropropane
Concen: 56.52 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 77 Resp: 684797
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





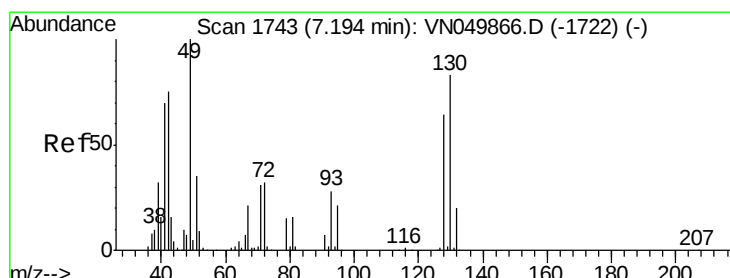
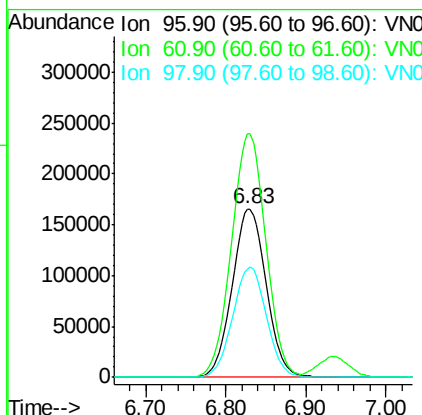
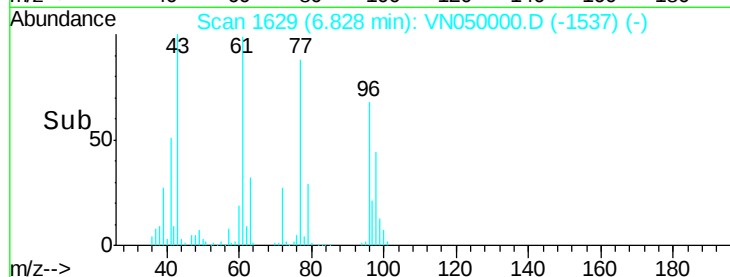
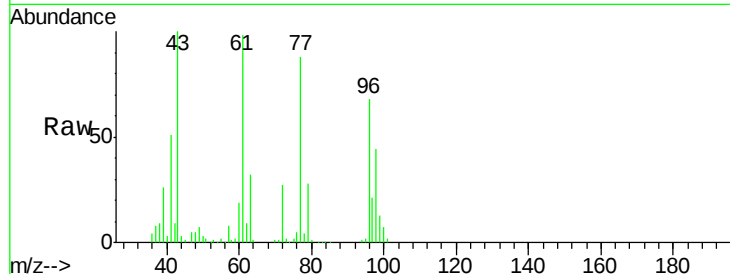
#27
 cis-1,2-Dichloroethene
 Concen: 54.17 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	475883		
61	146.1	0.0	289.0	
98	65.2	0.0	130.2	

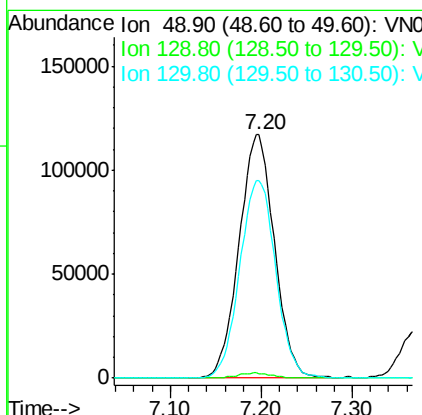
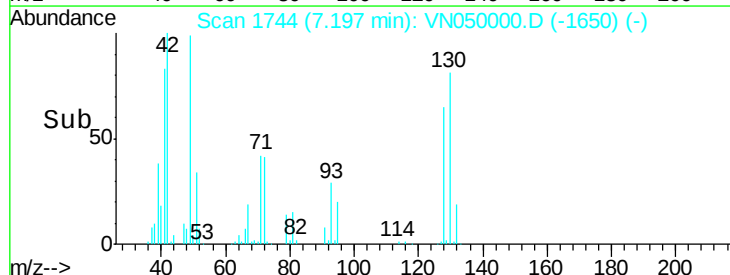
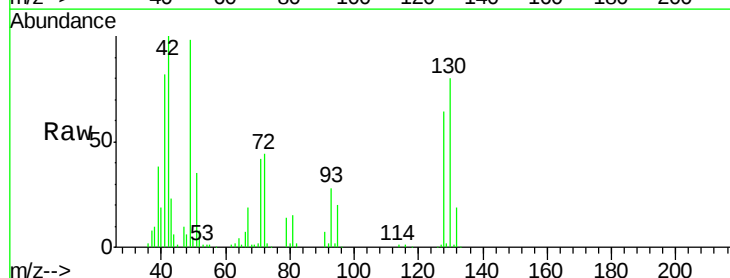
Manual Integrations
 APPROVED

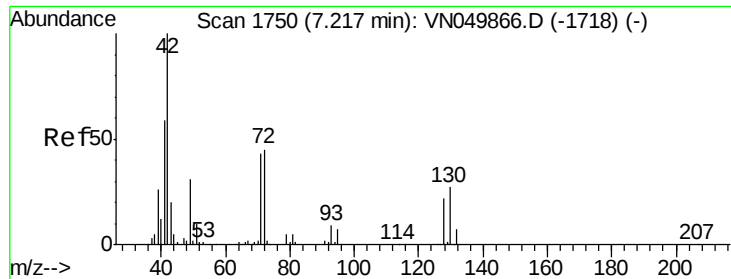
sam
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#28
 Bromochloromethane
 Concen: 45.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	316461		
129	2.1	0.0	4.2	
130	82.5	65.5	98.3	





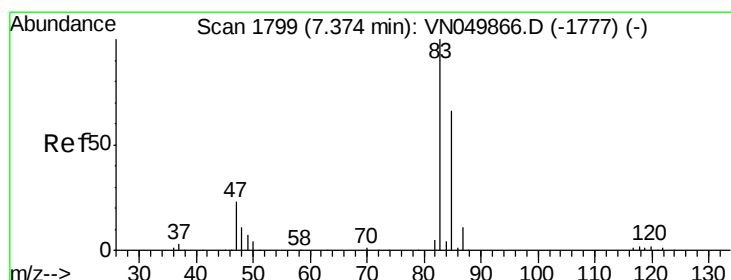
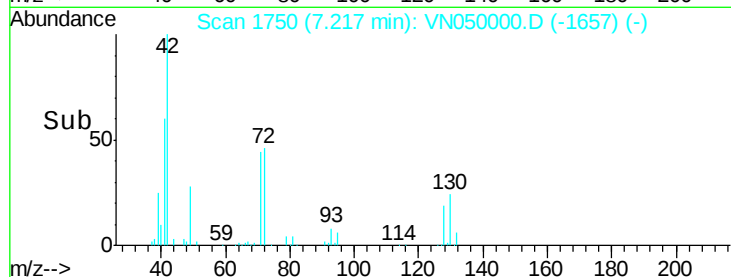
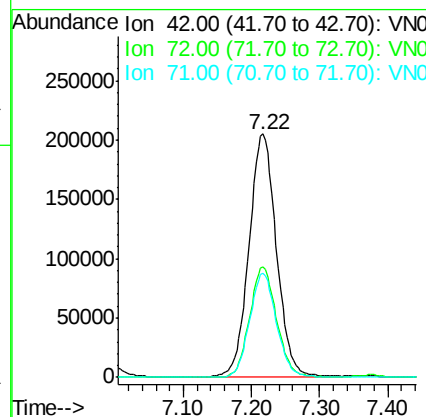
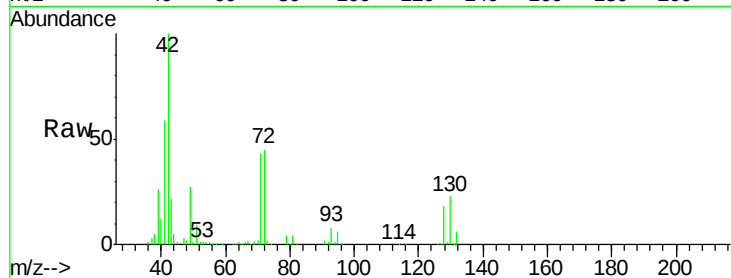
#29
Tetrahydrofuran
Concen: 257.62 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.6	53.4
71	41.7	34.0	51.0

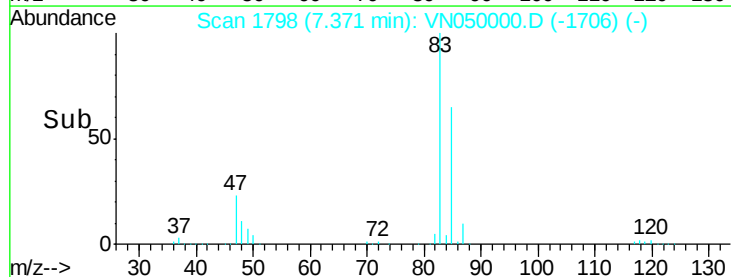
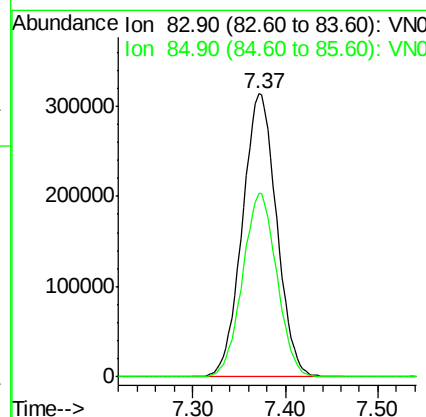
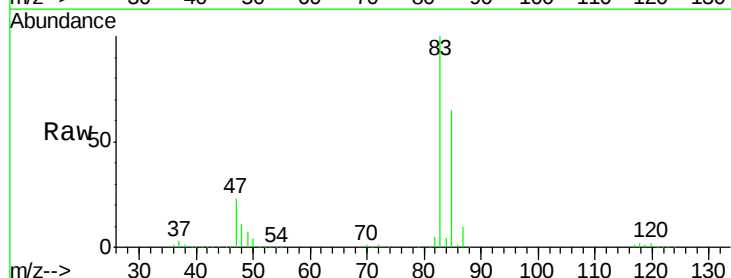
Manual Integrations
APPROVED

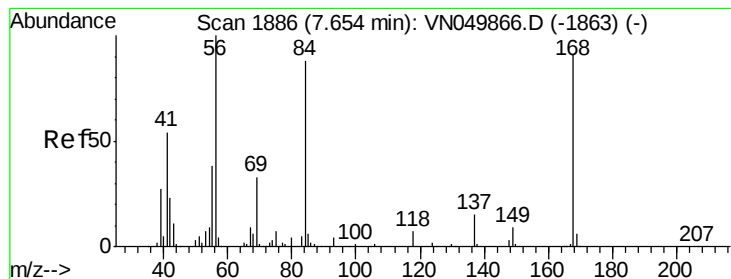
sam
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#30
Chloroform
Concen: 50.35 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





#31

Cyclohexane

Concen: 56.99 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

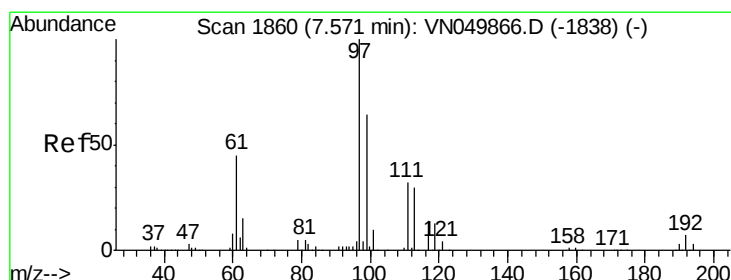
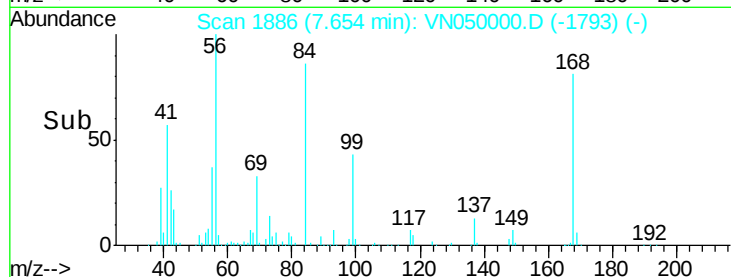
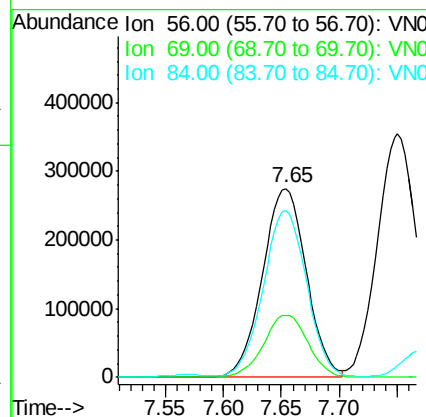
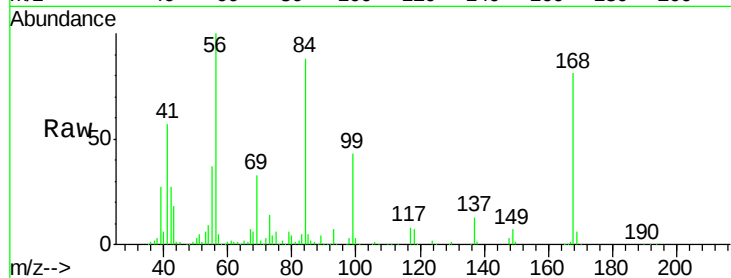
VSTDCCC050

Tot Ion:	56	Resp:	722209
Ion Ratio	Lower	Upper	
56	100		
69	32.7	26.6	40.0
84	87.1	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.72 ug/l

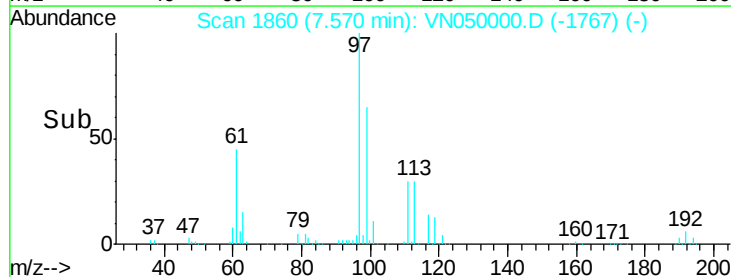
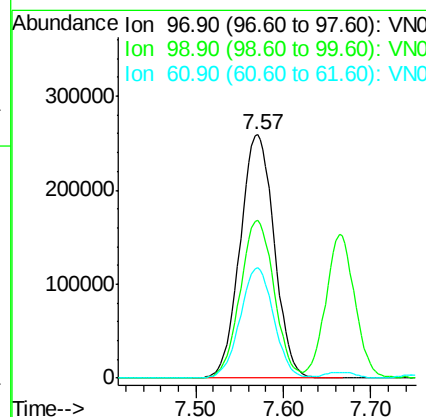
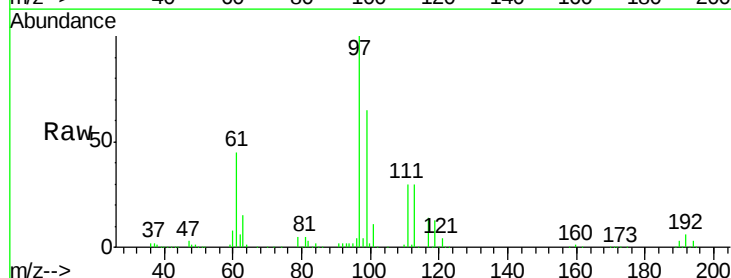
RT: 7.57 min Scan# 1860

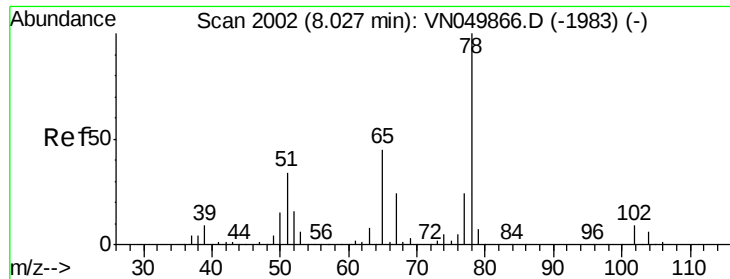
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	97	Resp:	700759
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.4
61	44.6	35.5	53.3





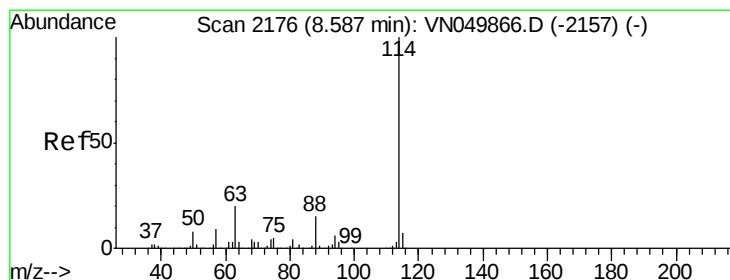
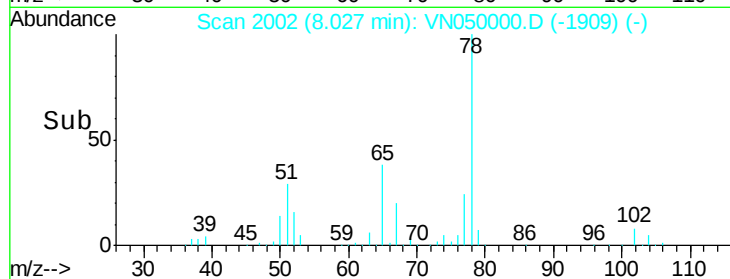
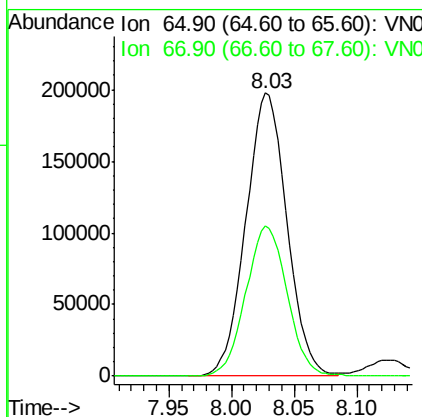
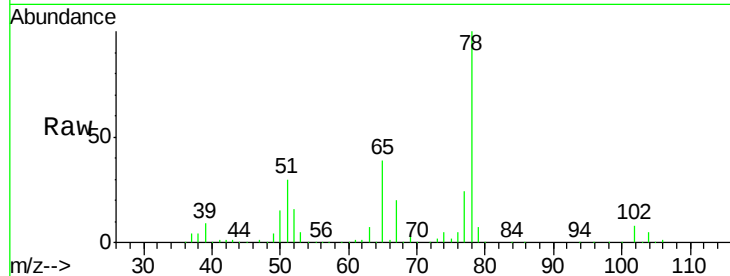
#33
 1,2-Dichloroethane-d4
 Concen: 47.17 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	450929		
67	53.3	0.0	107.2	

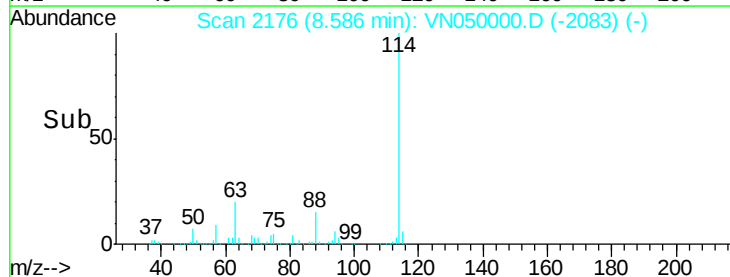
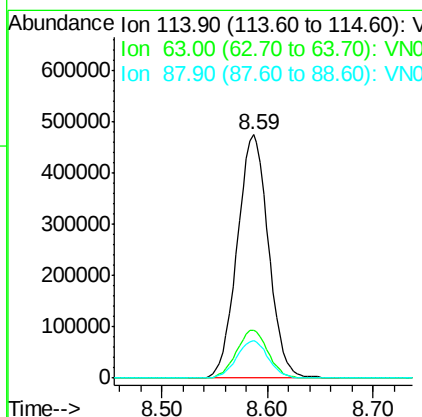
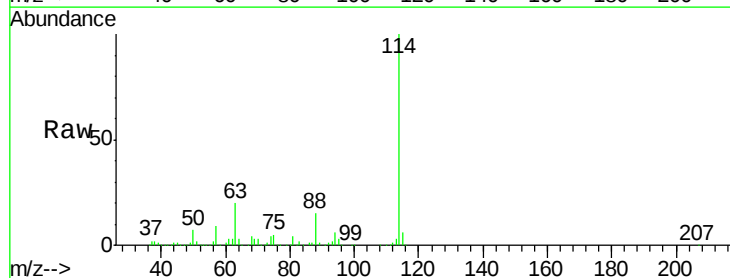
Manual Integrations
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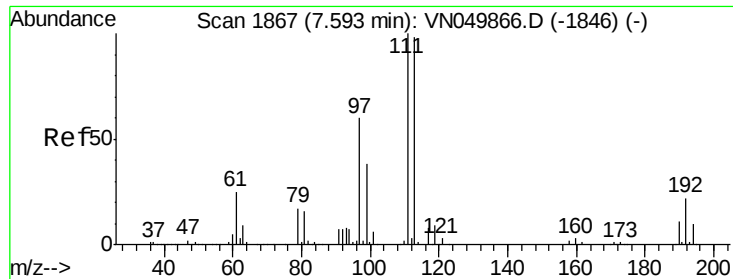
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	975981		
63	19.9	0.0	39.8	
88	15.4	0.0	30.6	





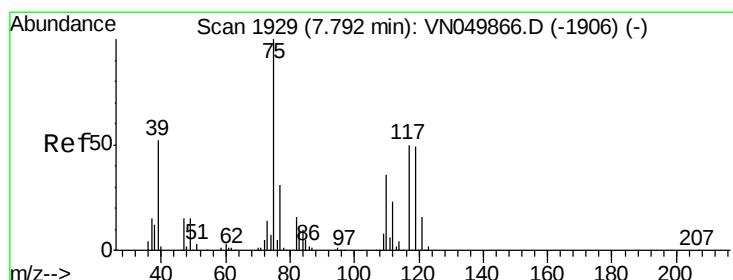
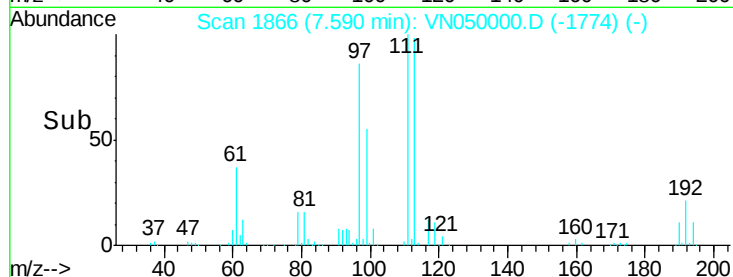
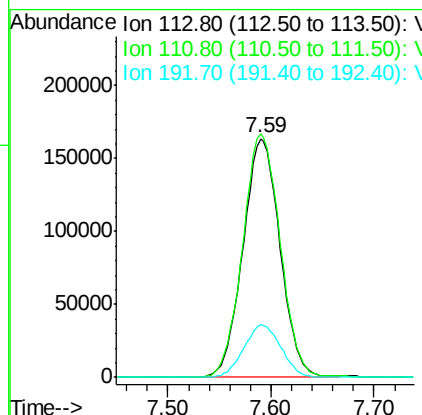
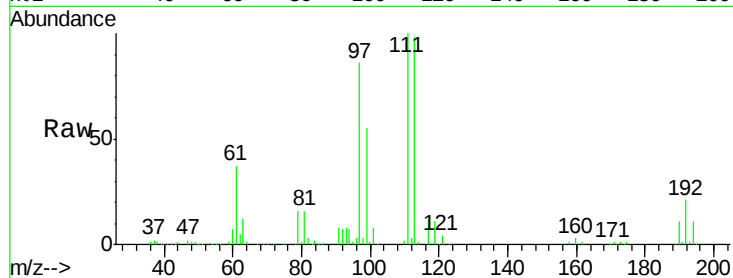
#35
 Dibromofluoromethane
 Concen: 49.77 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.8	122.8	
192	22.1	17.8	26.6	

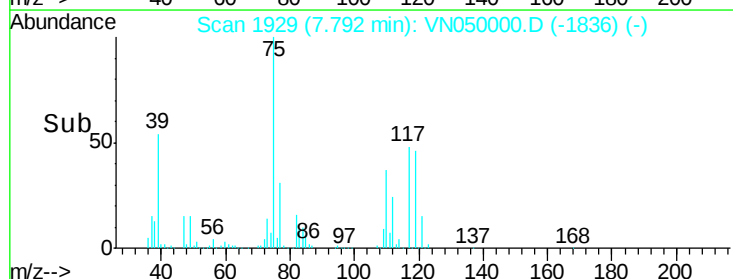
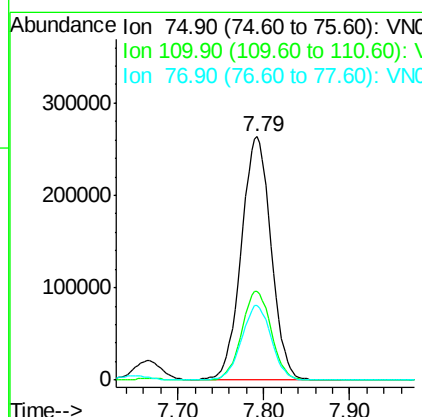
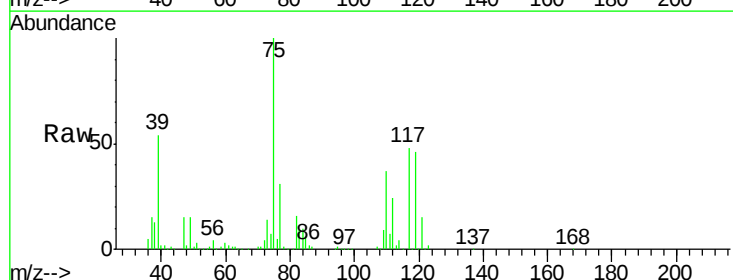
Manual Integrations
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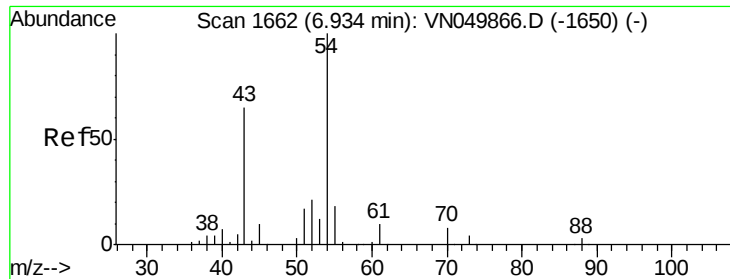
sam
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#36
 1,1-Dichloropropene
 Concen: 58.21 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.3	18.1	54.4	
77	30.6	24.9	37.3	





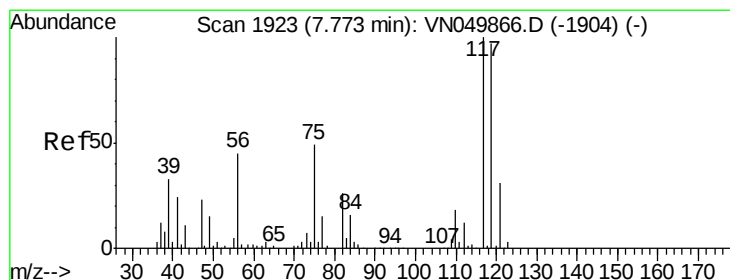
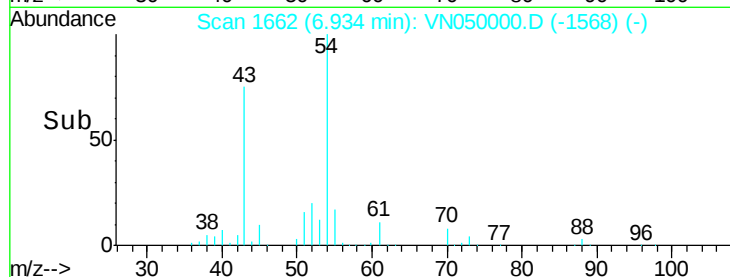
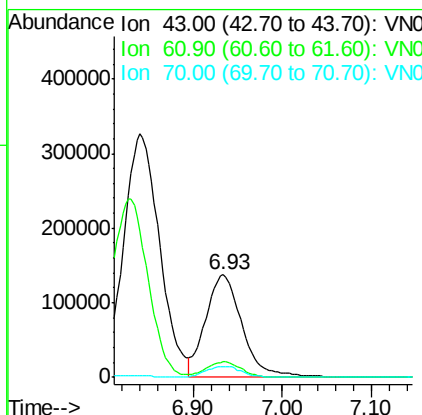
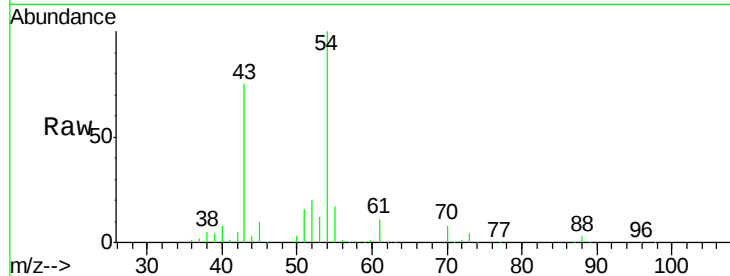
#37
Ethyl Acetate
Concen: 51.35 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	10.8	8.4	12.6

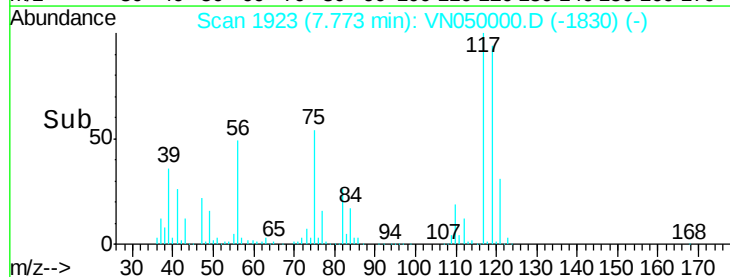
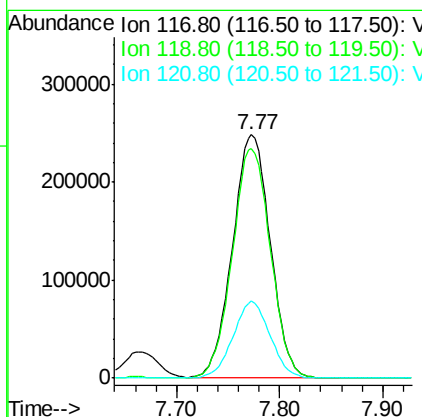
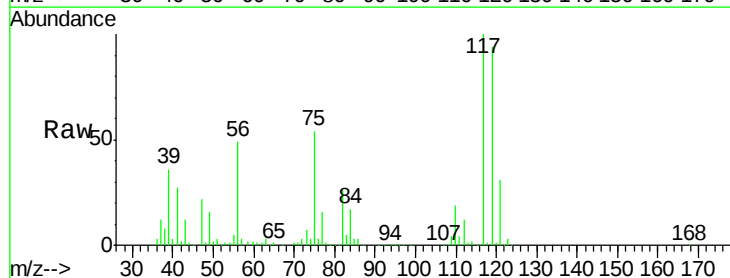
Manual Integrations
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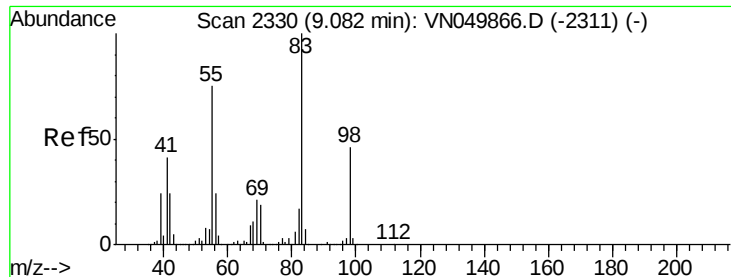
sam
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#38
Carbon Tetrachloride
Concen: 54.44 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
121	31.5	25.0	37.6





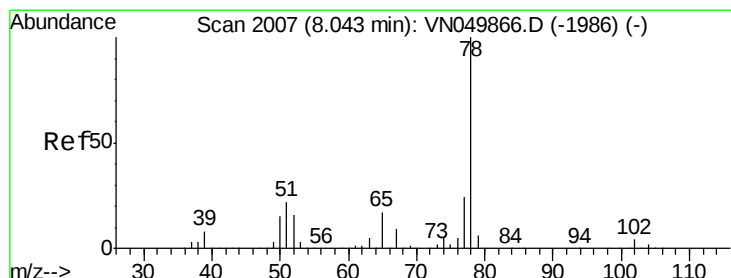
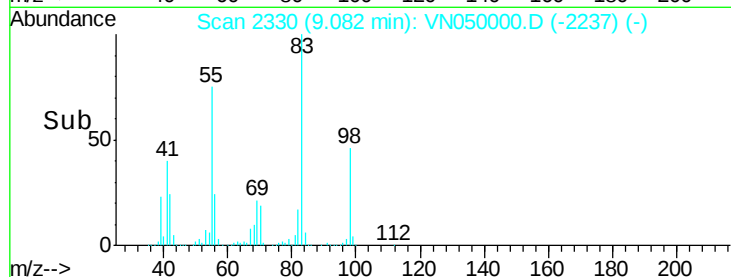
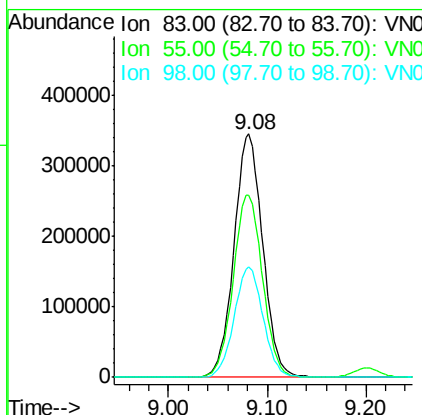
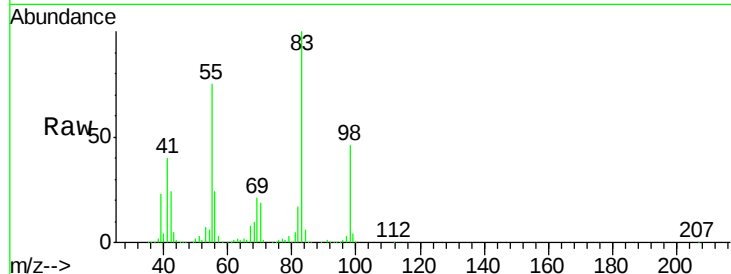
#39
Methvlcvclohexane
Concen: 62.30 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	45.5	36.5	54.7

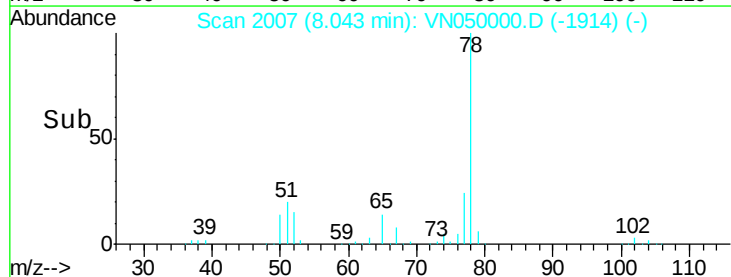
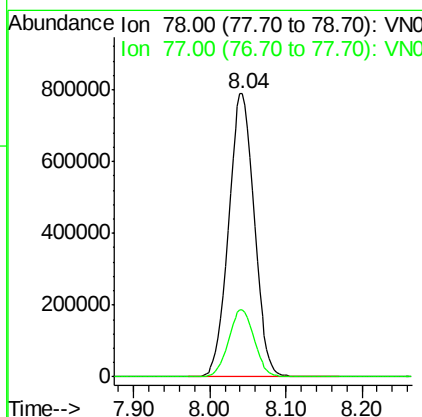
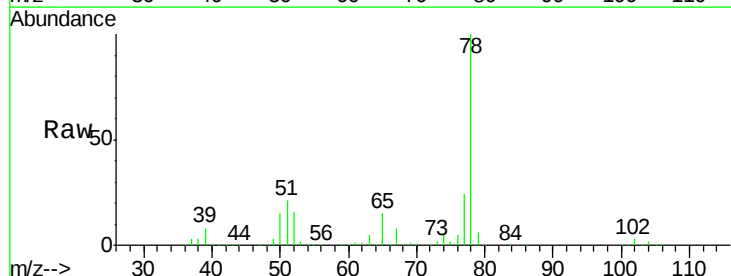
Manual Integrations
APPROVED

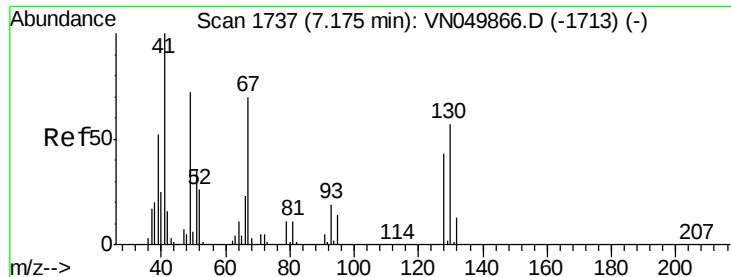
sam
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#40
Benzene
Concen: 56.00 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





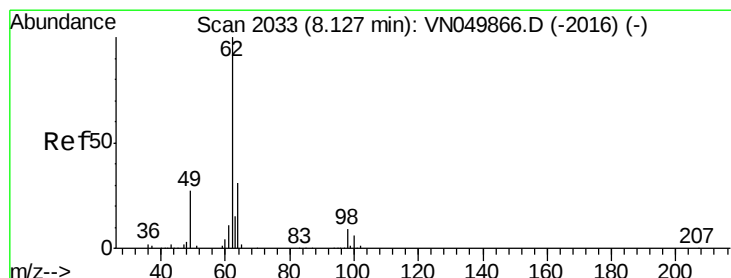
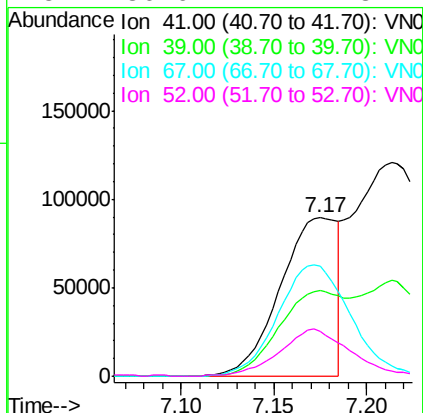
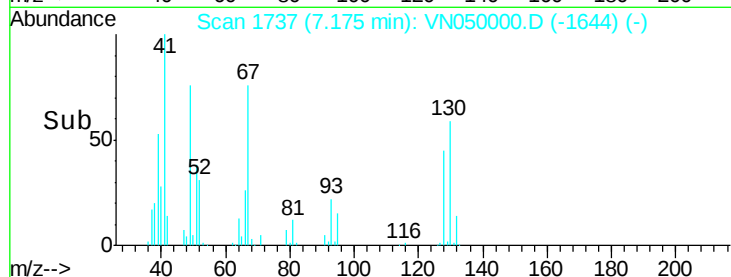
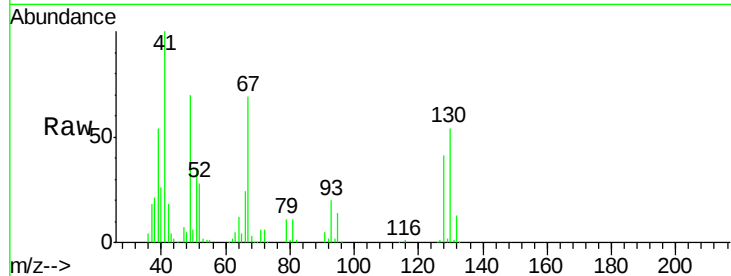
#41
Methacrylonitrile
Concen: 51.15 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	191059
Ion Ratio	Lower	Upper	
41	100		
39	63.4	45.4	68.2
67	91.2	65.4	98.0
52	36.6	24.7	37.1

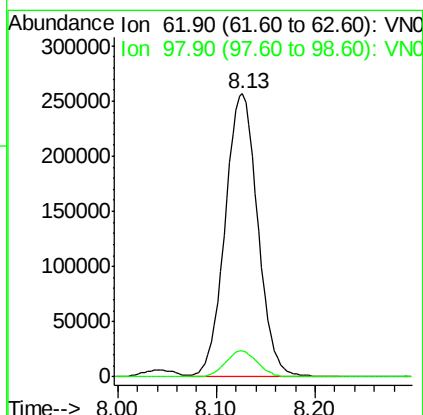
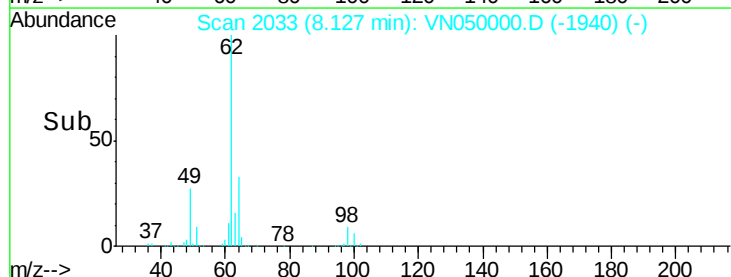
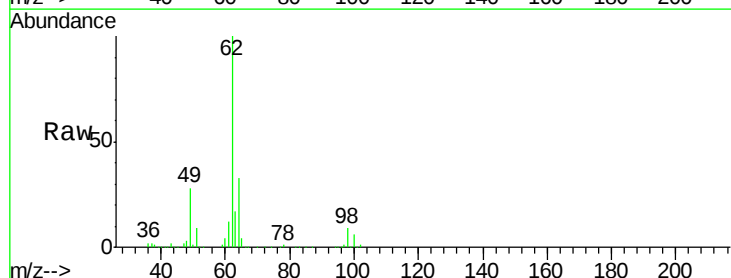
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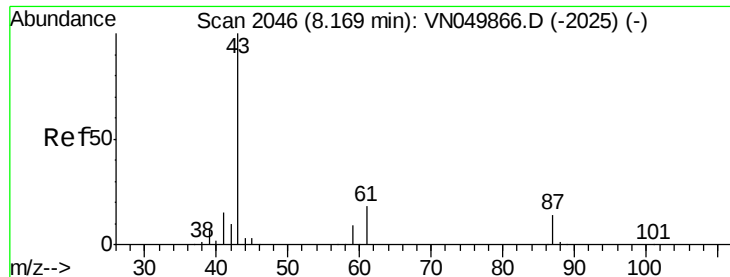
sam
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#42
1,2-Dichloroethane
Concen: 53.75 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	62	Resp	588816
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.0





#43

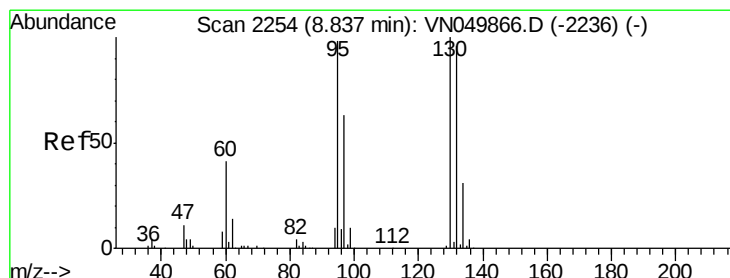
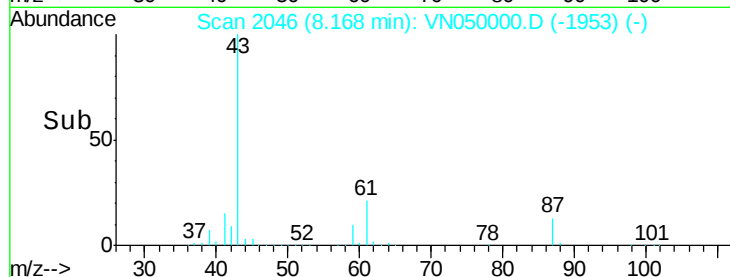
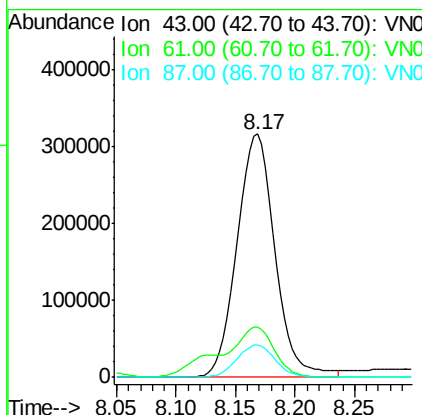
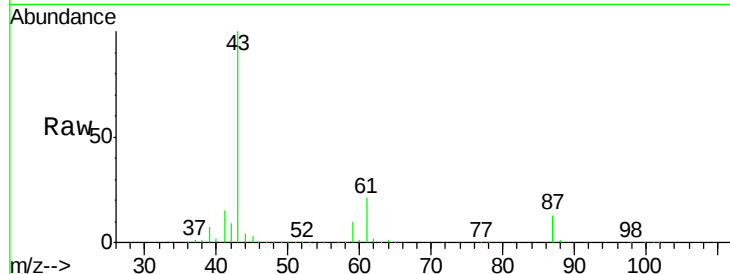
Isopropyl Acetate
 Concen: 53.72 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.9	22.3
87	13.4	10.0	15.0

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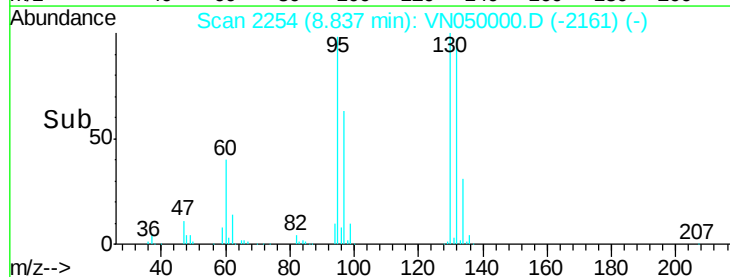
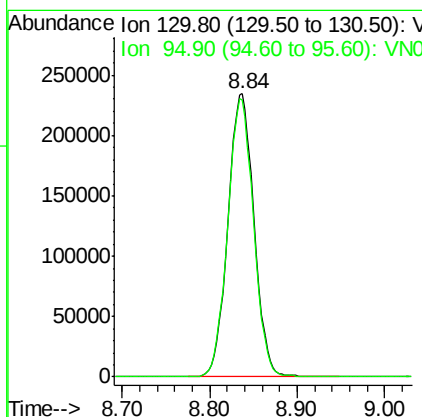
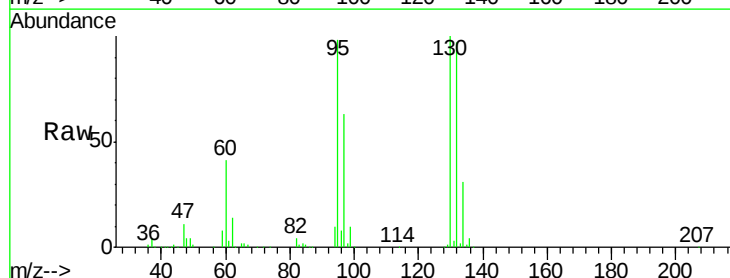
Sam
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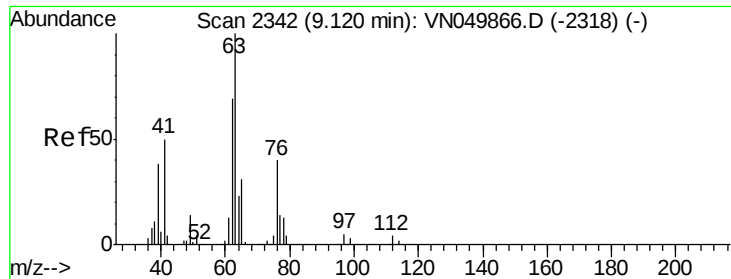


#44

Trichloroethene
 Concen: 55.92 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	192.8





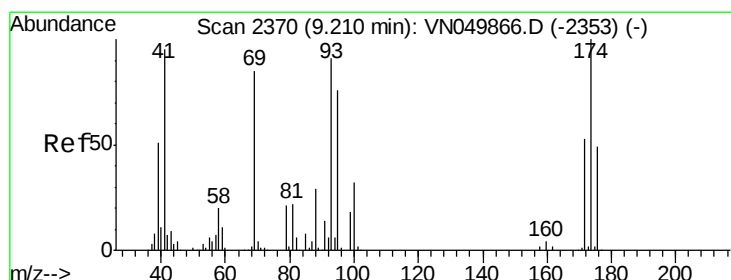
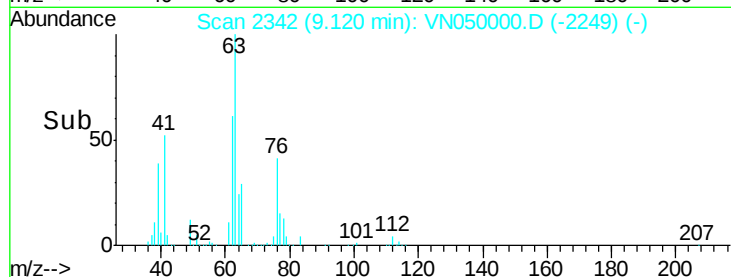
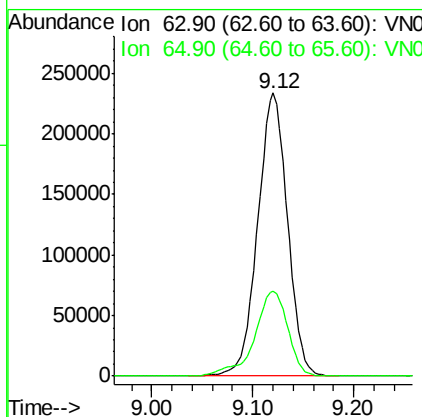
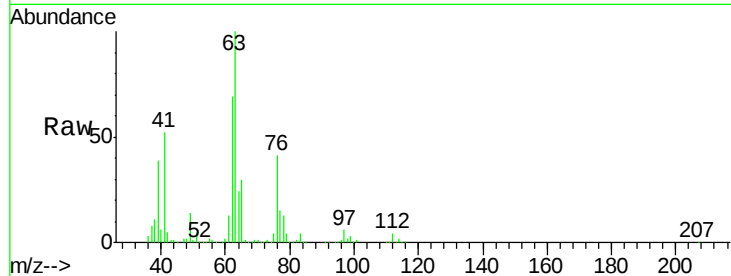
#45
 1,2-Dichloropropane
 Concen: 53.69 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 479019
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1

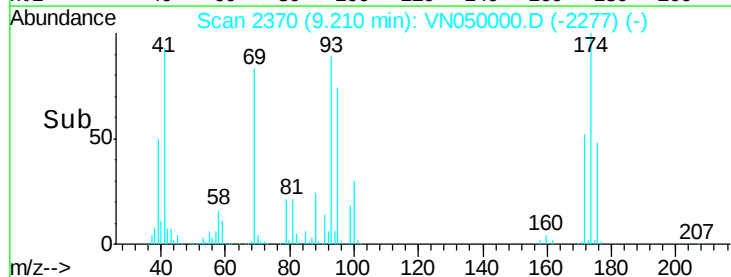
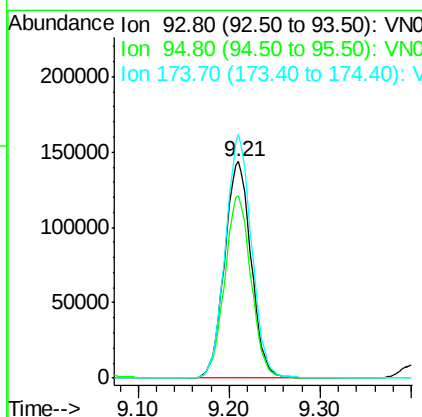
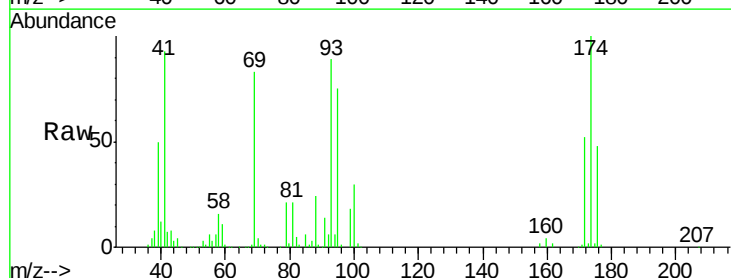
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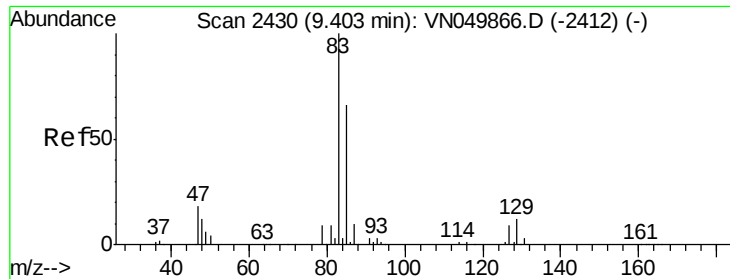
sam
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#46
 Dibromomethane
 Concen: 52.86 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion: 93 Resp: 292506
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.9 101.9
 174 110.3 89.4 134.0





#47

Bromodichloromethane

Concen: 54.19 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

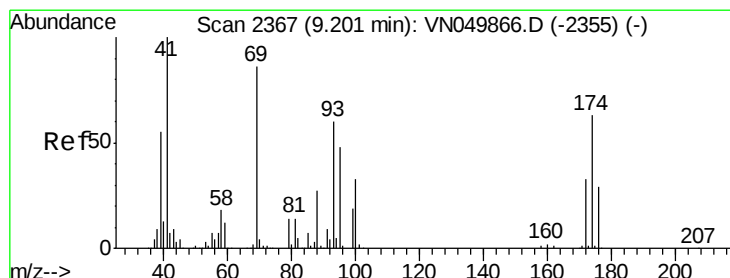
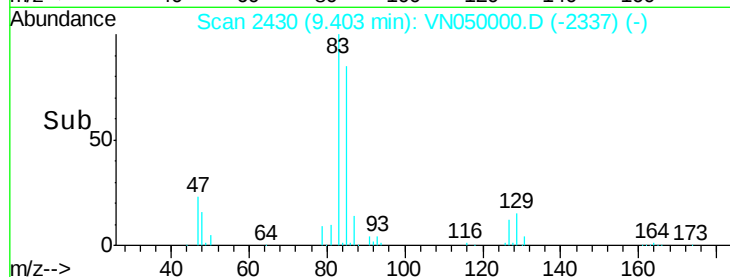
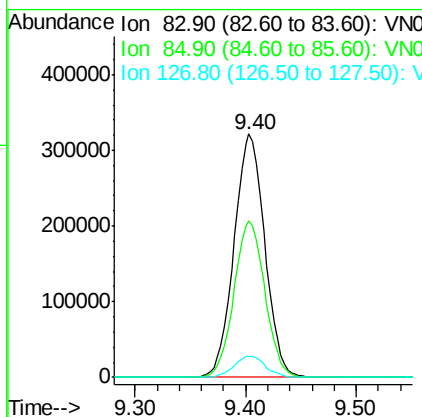
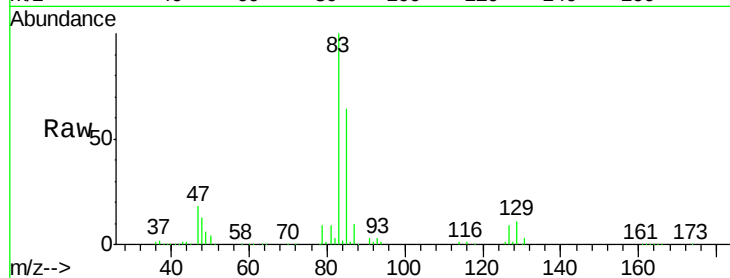
VSTDCCC050

Tot Ion:	83	Resp:	620174
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7
127	8.8	6.8	10.2

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#48

Methyl methacrylate

Concen: 55.51 ug/l

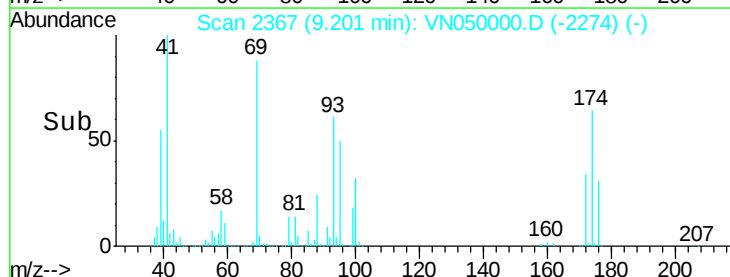
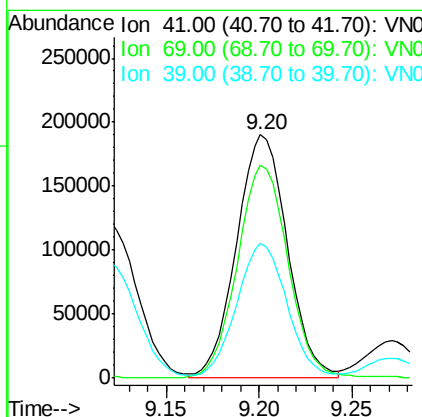
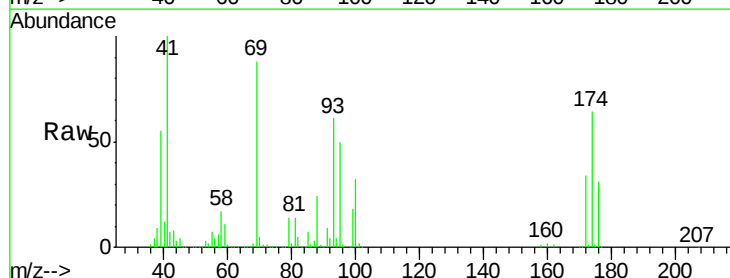
RT: 9.20 min Scan# 2367

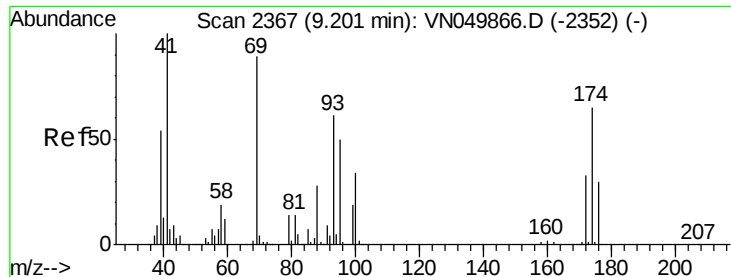
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	41	Resp:	362487
Ion	Ratio	Lower	Upper
41	100		
69	88.0	71.5	107.3
39	55.1	44.7	67.1





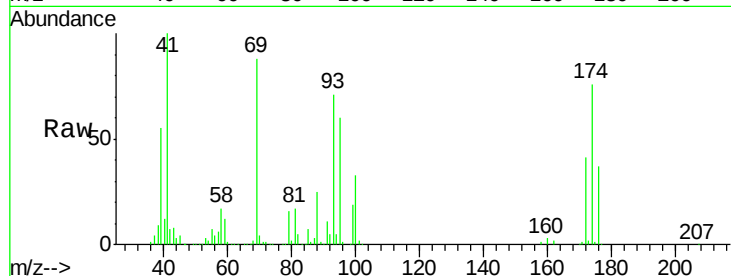
#49
1,4-Dioxane
Concen: 1006.98 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

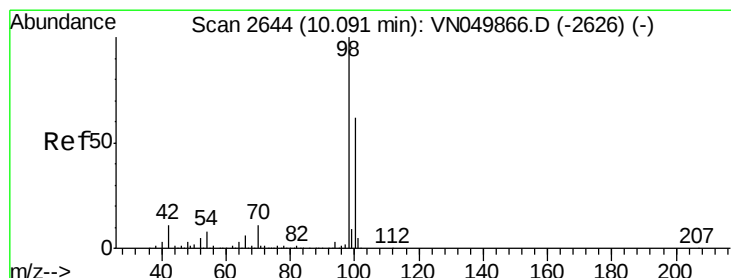
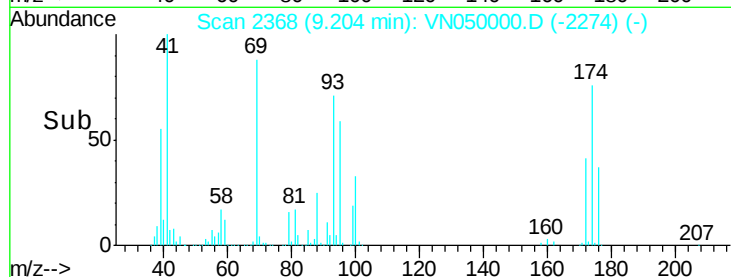
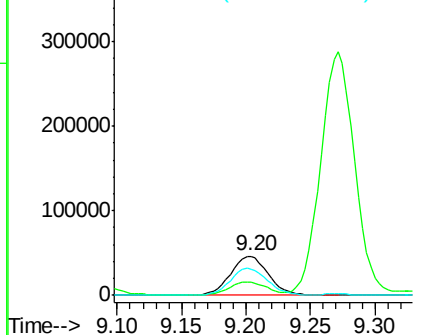
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.1	37.7
58	69.2	52.5	78.7

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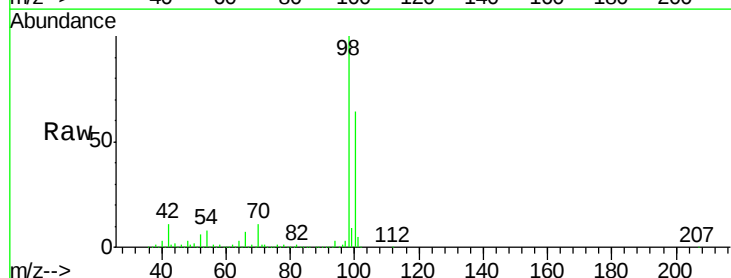


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

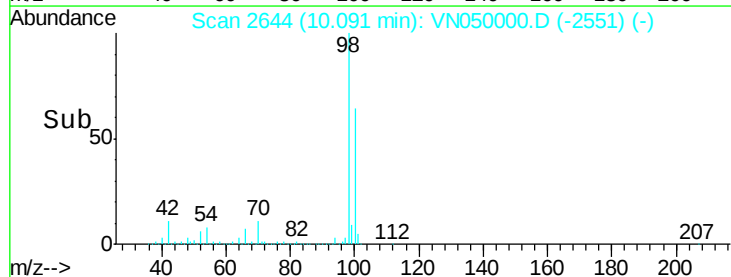
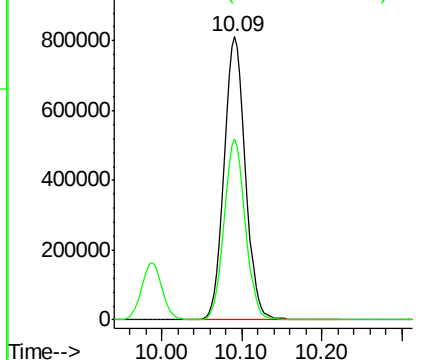


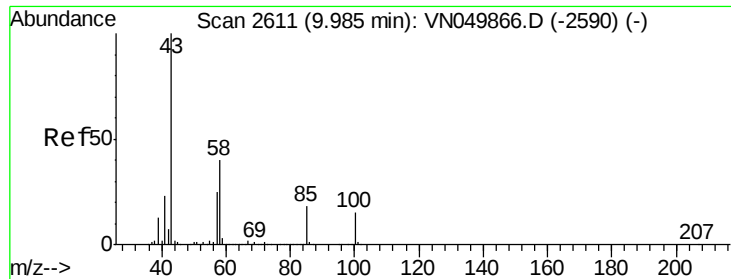
#50
Toluene-d8
Concen: 49.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





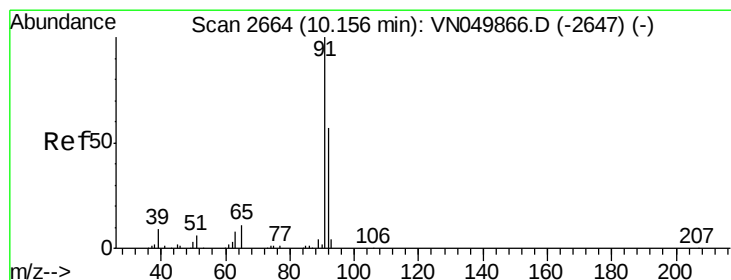
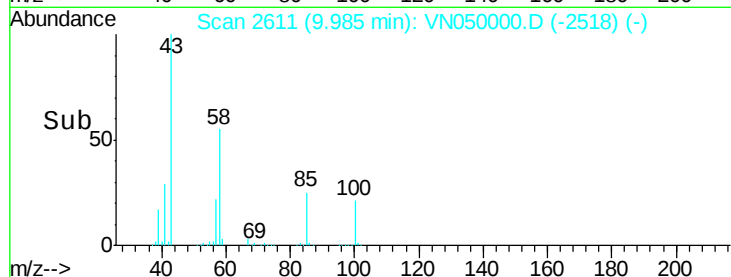
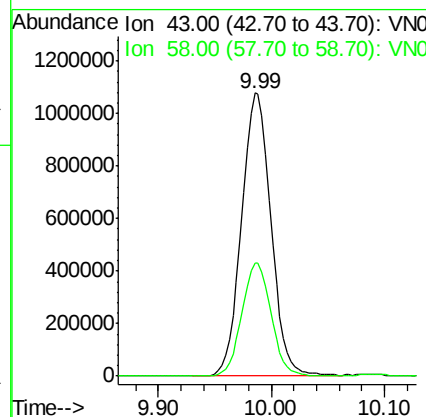
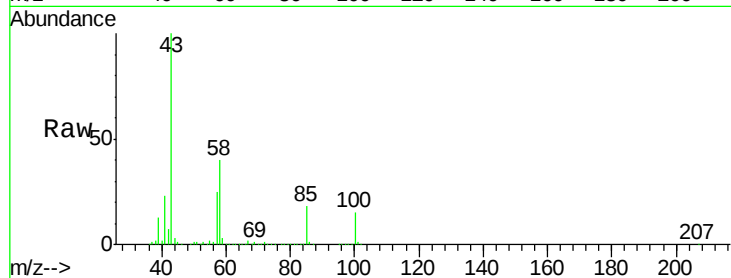
#51
4-Methyl-2-Pentanone
Concen: 268.62 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1954869
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8

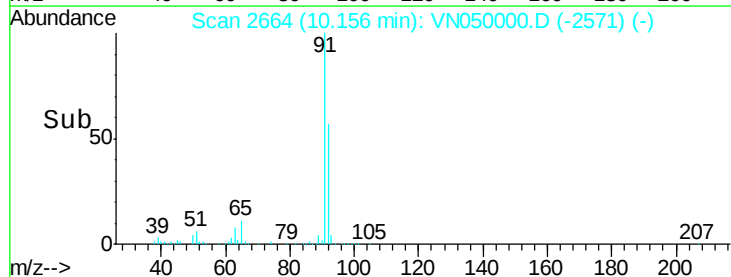
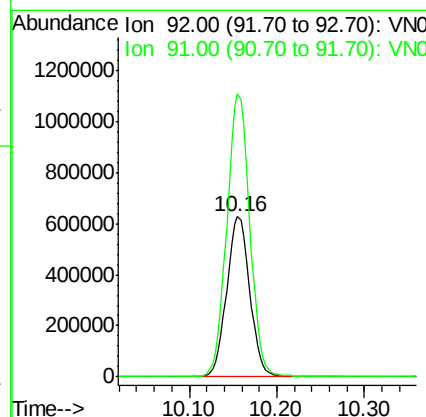
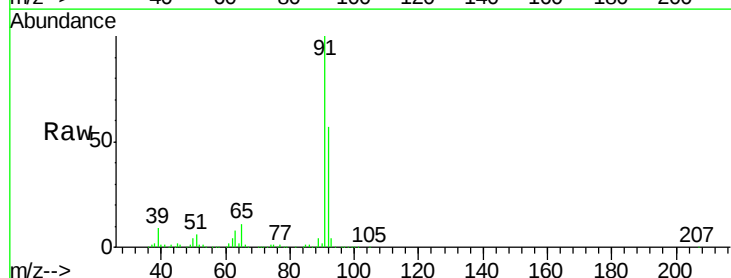
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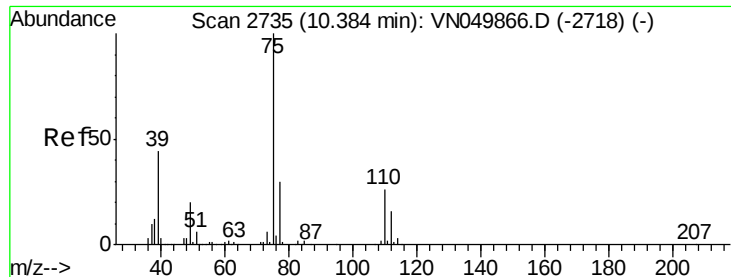
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#52
Toluene
Concen: 58.24 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 92 Resp: 1148995
Ion Ratio Lower Upper
92 100
91 175.8 140.1 210.1





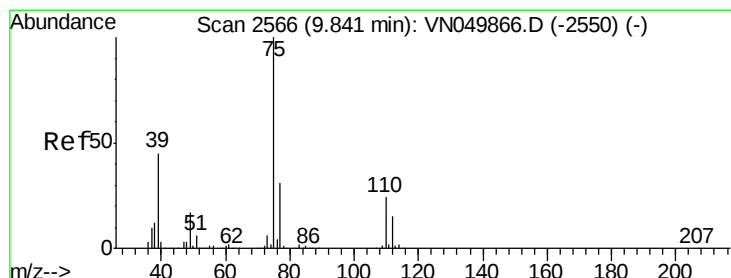
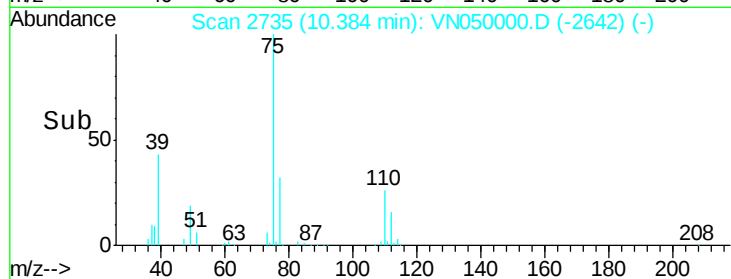
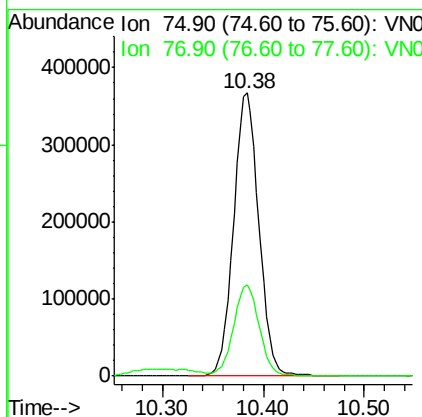
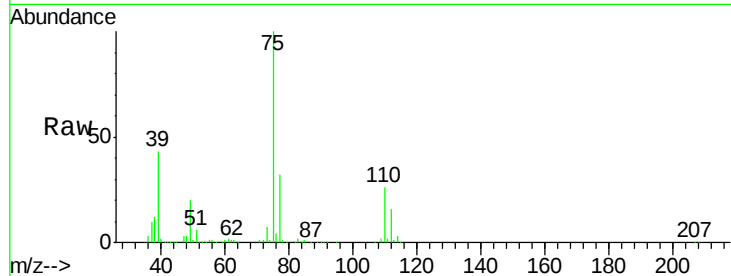
#53
t-1,3-Dichloropropene
Concen: 56.41 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

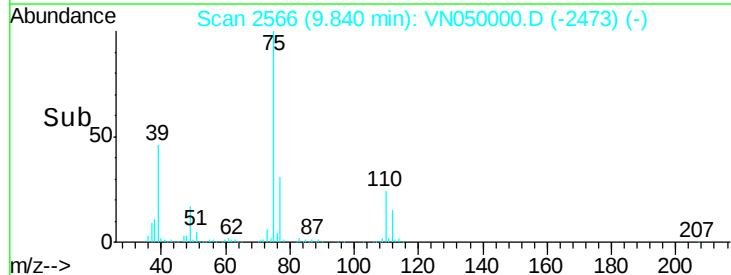
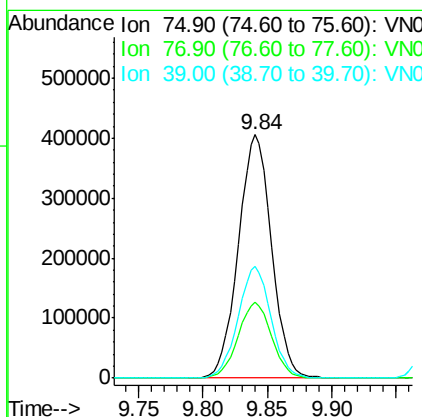
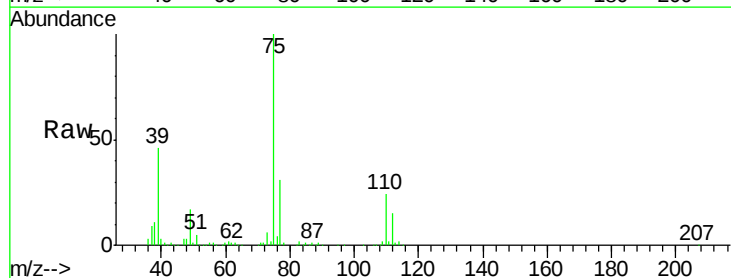
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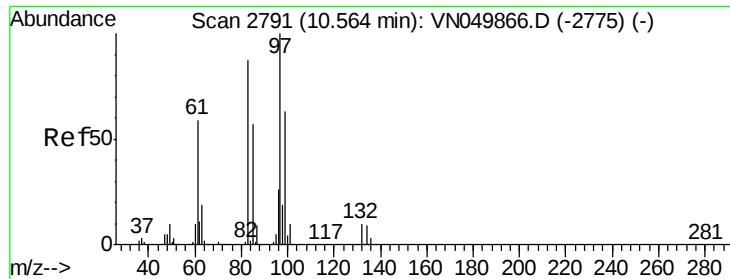
sam
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#54
cis-1,3-Dichloropropene
Concen: 58.13 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	45.7	35.5	53.3





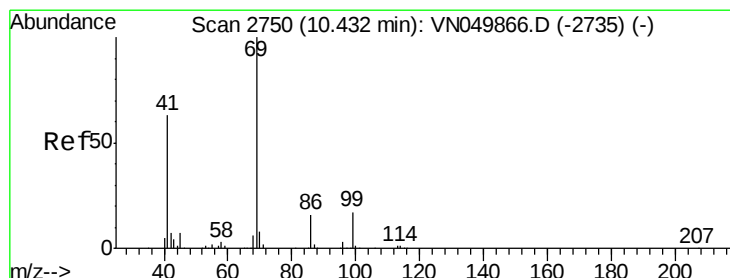
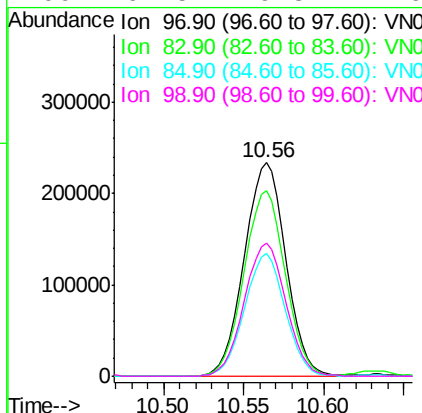
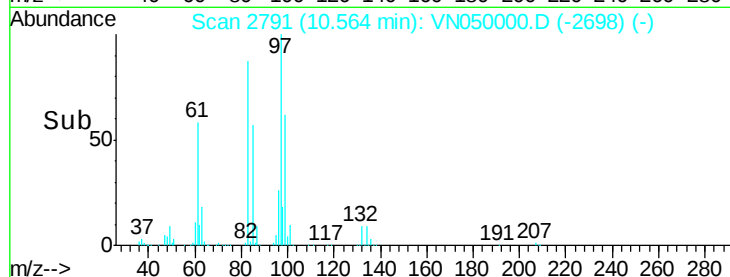
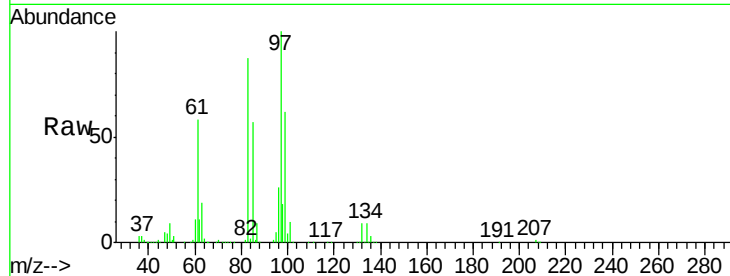
#55
 1,1,2-Trichloroethane
 Concen: 50.87 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		414608		
83	87.2	69.0	103.6		
85	57.4	44.9	67.3		
99	62.5	49.8	74.6		

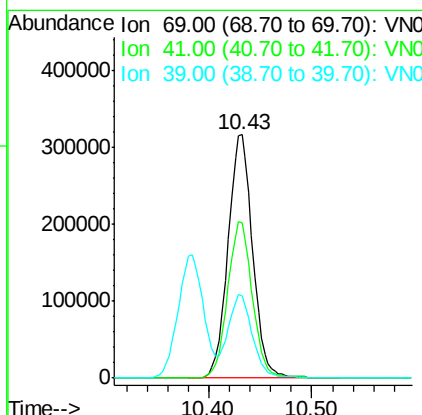
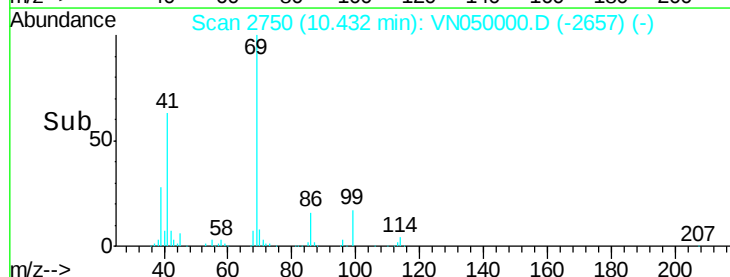
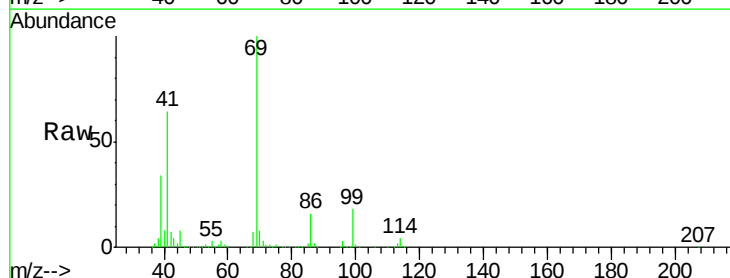
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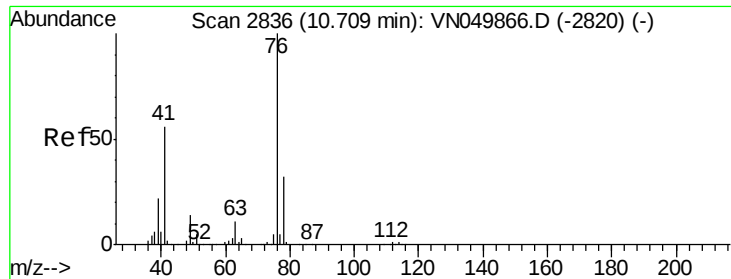
sam
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#56
 Ethyl methacrylate
 Concen: 48.31 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		527867		
41	63.5	51.6	77.4		
39	33.4	25.8	38.8		





#57

1,3-Dichloropropane

Concen: 54.68 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 701827

Ion Ratio Lower Upper

76 100

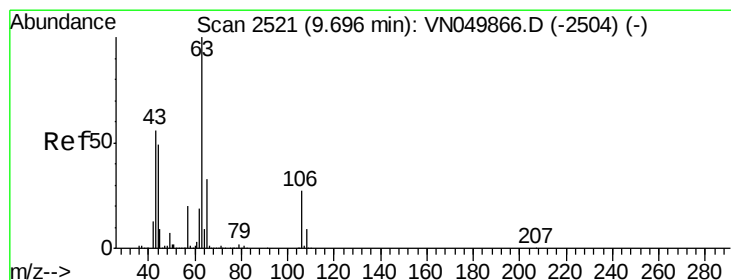
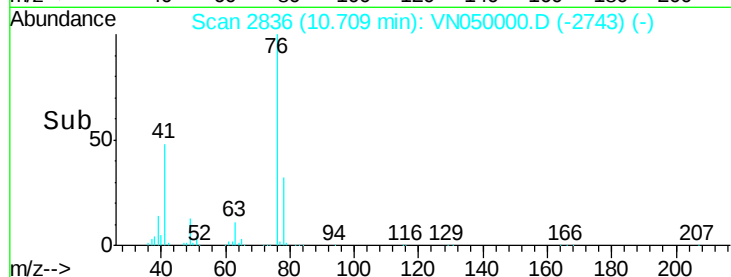
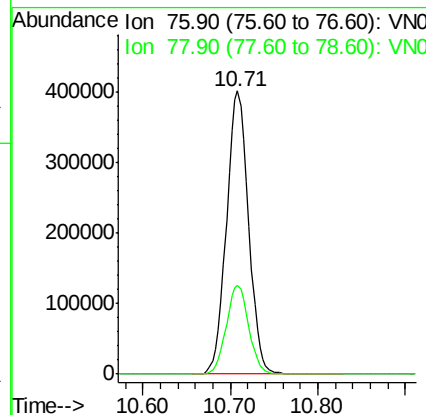
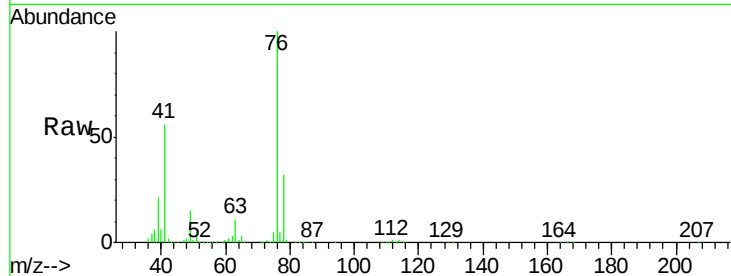
78 32.1 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 239.74 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050000.D

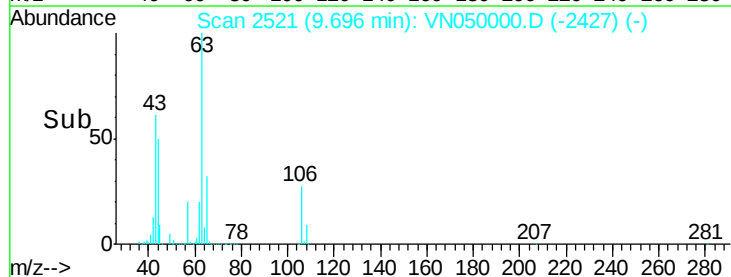
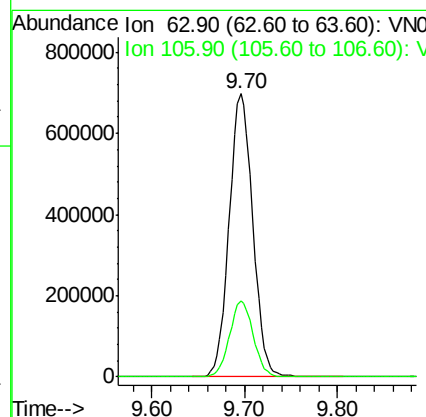
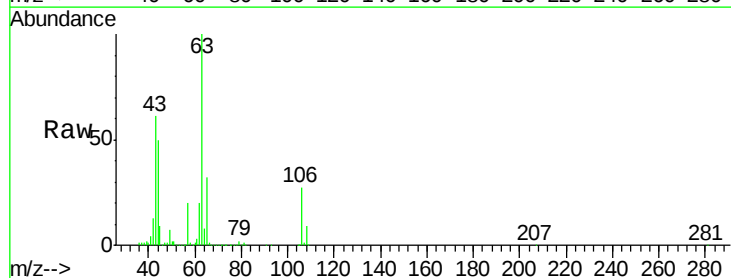
Acq: 23 Jul 2018 9:01

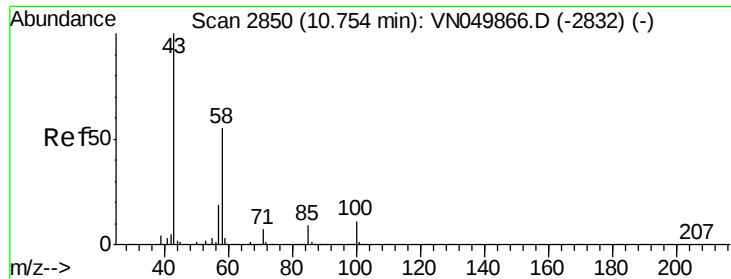
Tgt Ion: 63 Resp: 1231564

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8





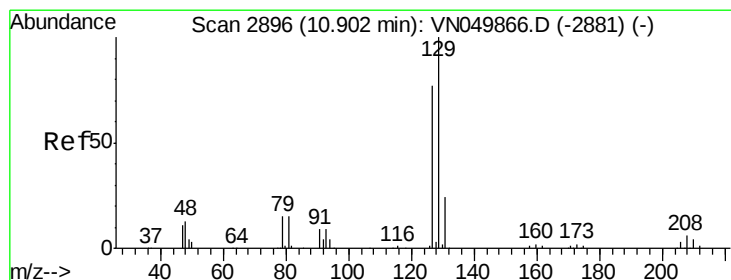
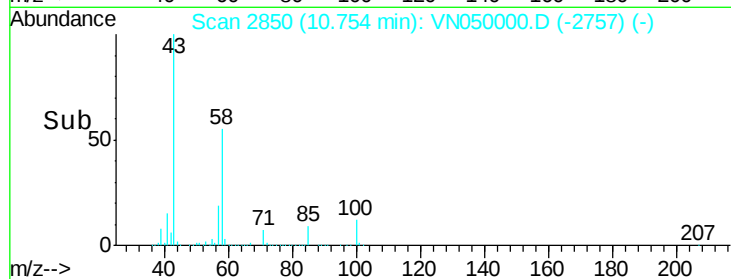
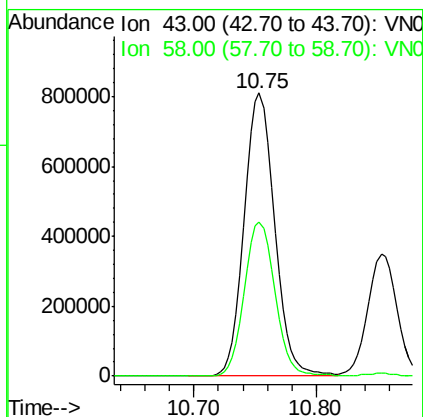
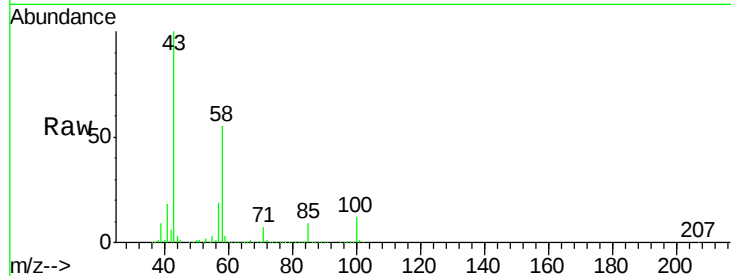
#59
2-Hexanone
Concen: 284.43 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1390352
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4

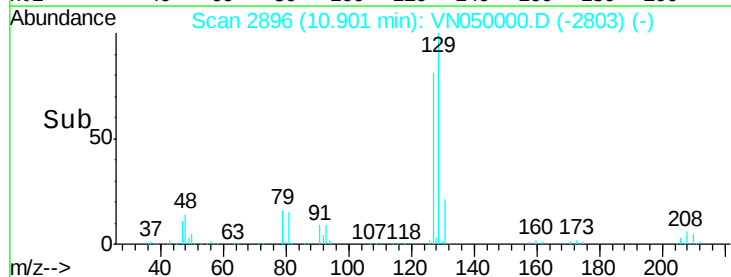
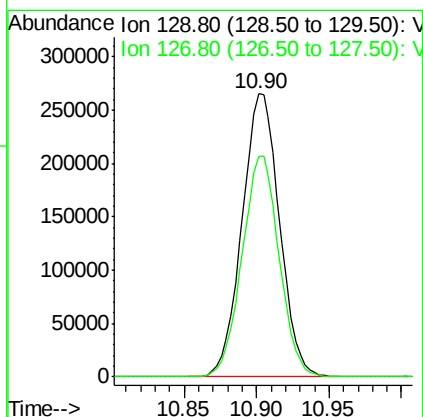
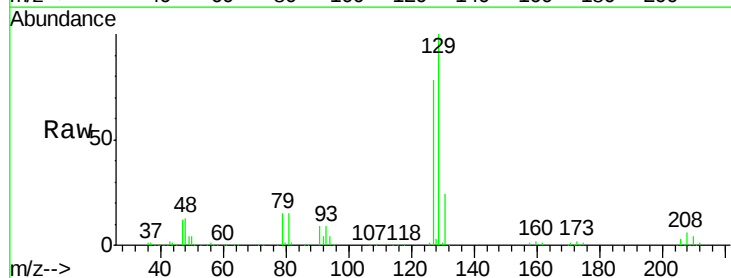
Manual Integrations
APPROVED

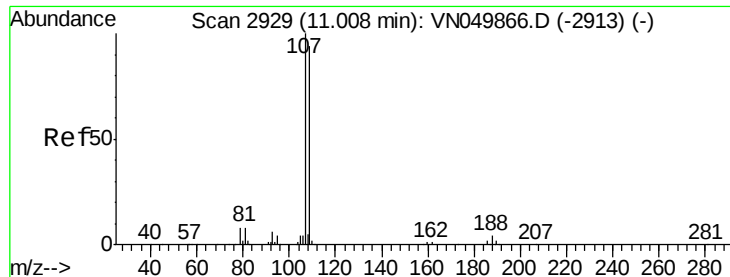
sam
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#60
Dibromochloromethane
Concen: 53.39 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 129 Resp: 477163
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





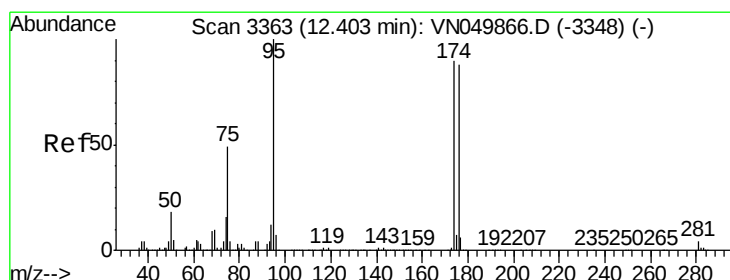
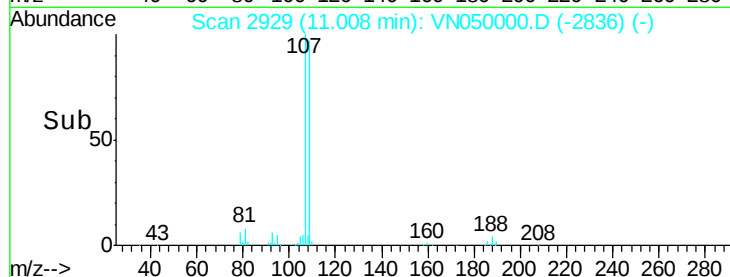
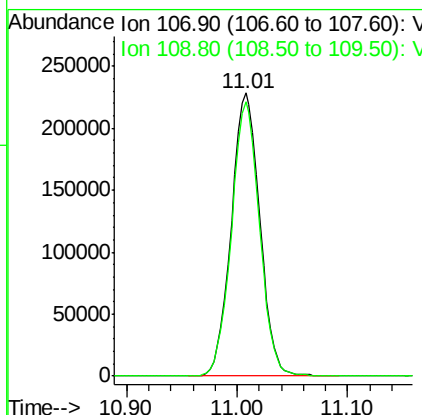
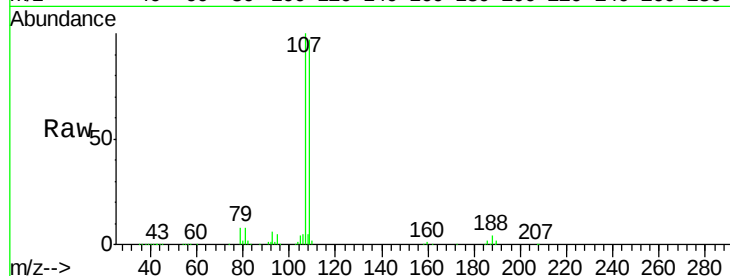
#61
 1,2-Dibromoethane
 Concen: 53.83 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	409953		
109	95.6	75.0	112.6	

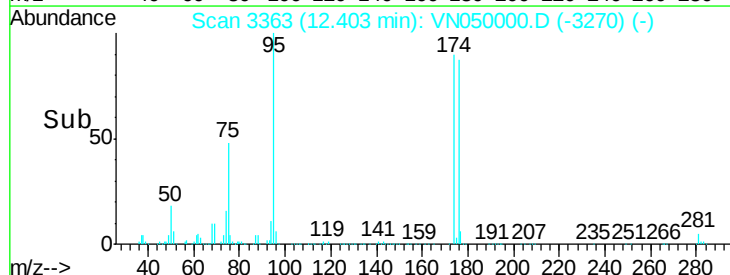
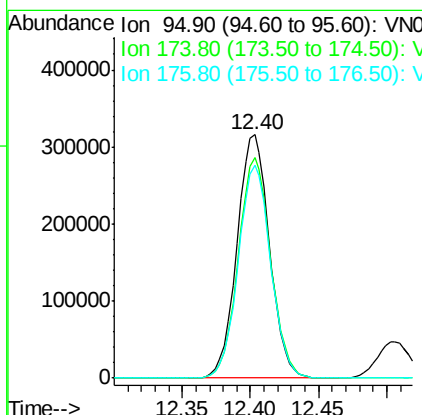
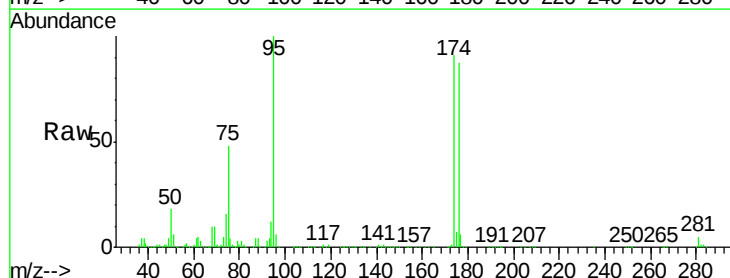
Manual Integrations
 APPROVED

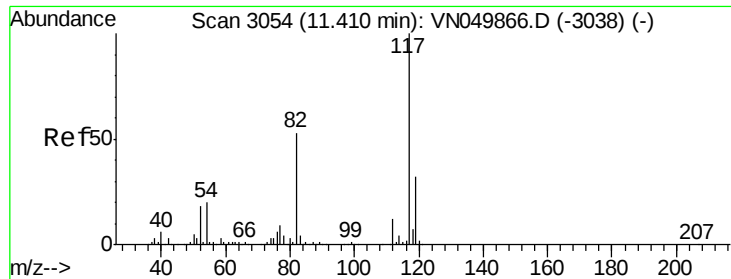
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.65 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	520793		
174	90.3	0.0	179.6	
176	87.4	0.0	174.0	





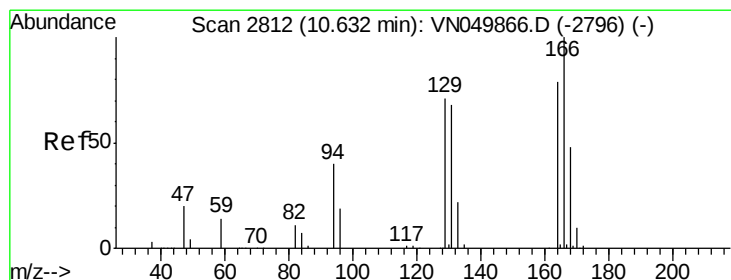
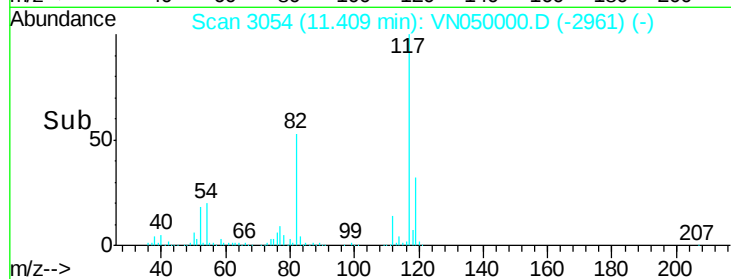
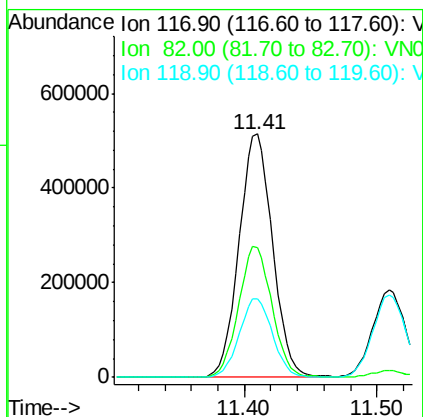
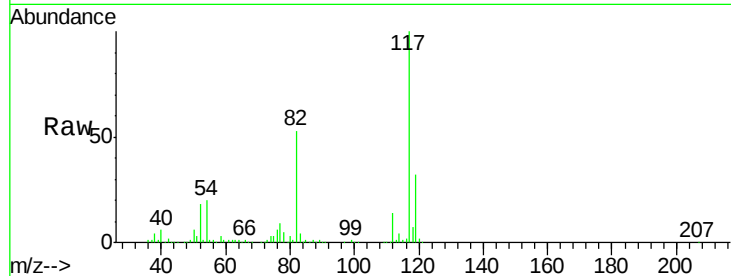
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	904395		
82	53.3	41.9	62.9	
119	32.5	25.4	38.2	

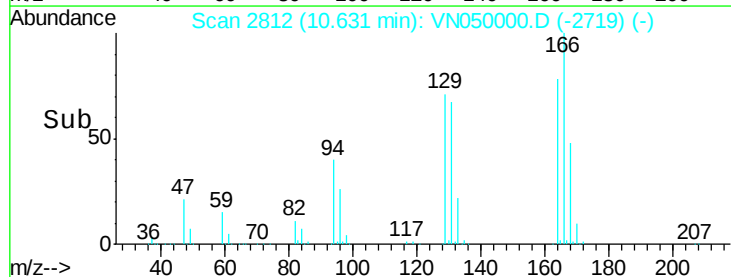
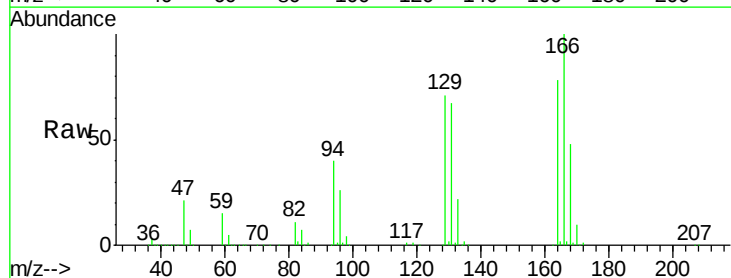
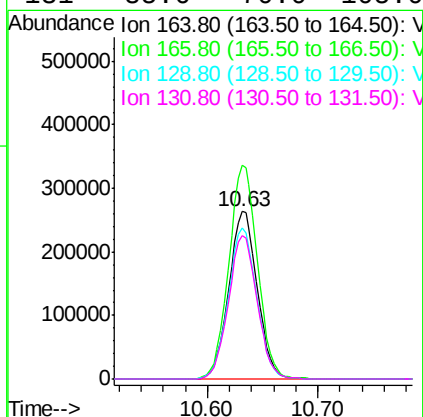
Manual Integrations
APPROVED

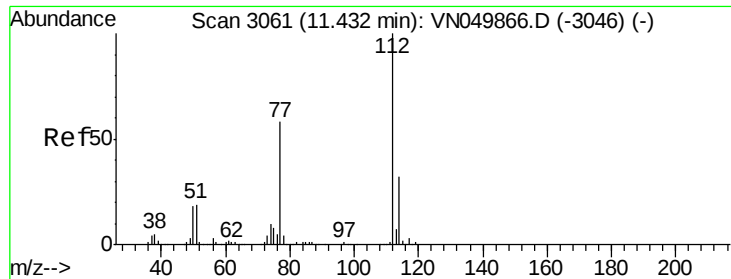
sam
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#64
Tetrachloroethene
Concen: 57.85 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	470109		
166	127.6	101.8	152.6	
129	90.0	72.8	109.2	
131	85.6	70.0	105.0	





#65

Chlorobenzene

Concen: 54.64 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1241542

Ion Ratio Lower Upper

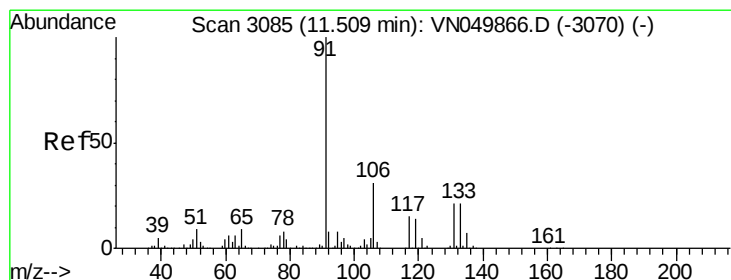
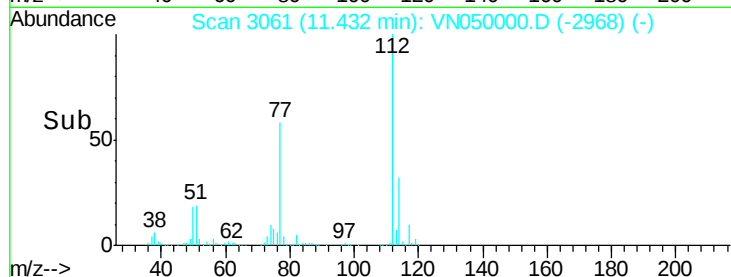
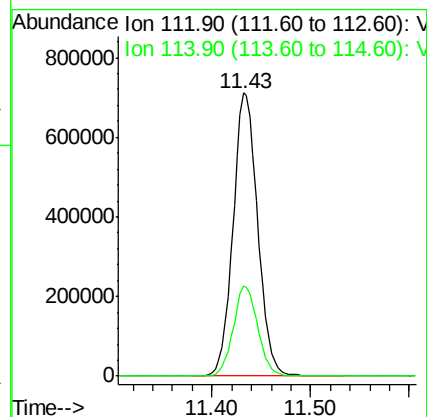
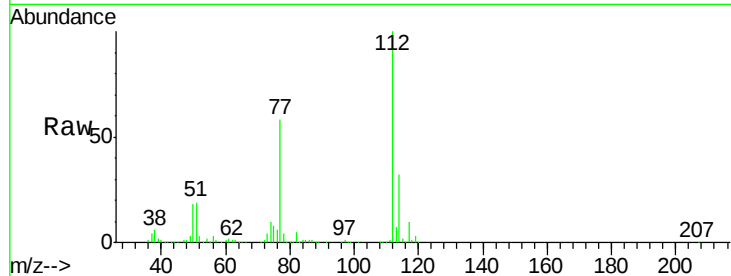
112 100

114 31.6 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.62 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

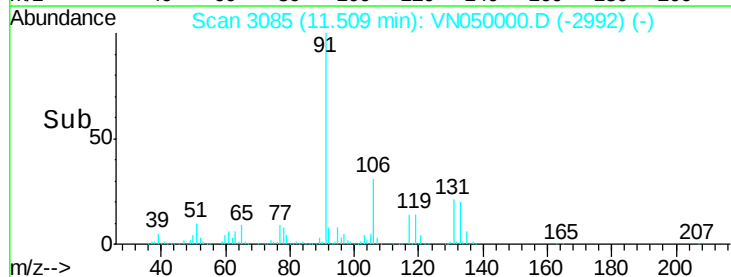
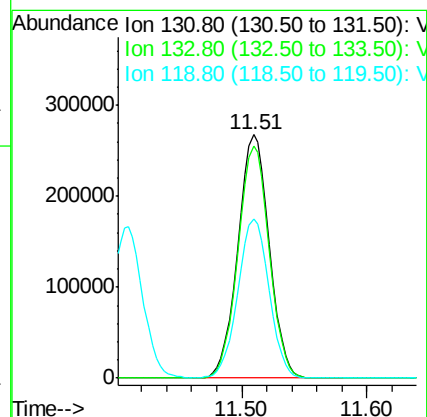
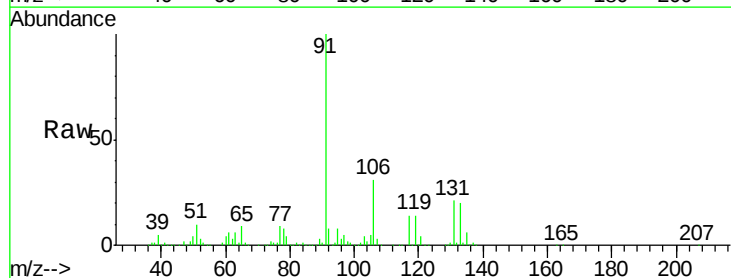
Tgt Ion:131 Resp: 463119

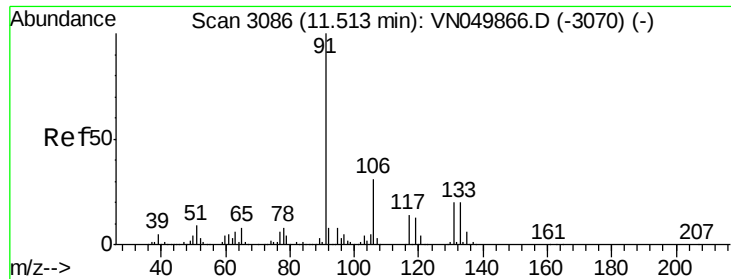
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 65.5 33.1 99.3





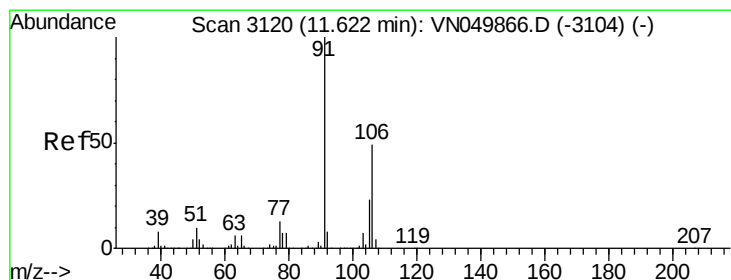
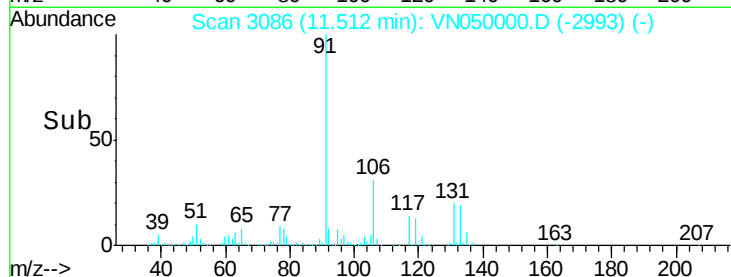
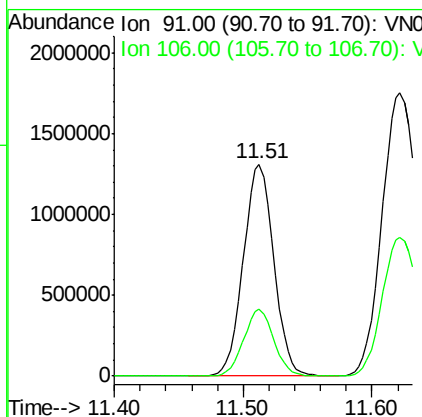
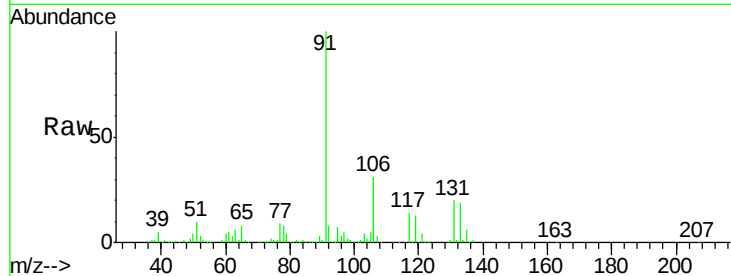
#67
Ethyl Benzene
Concen: 58.66 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 2162277
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

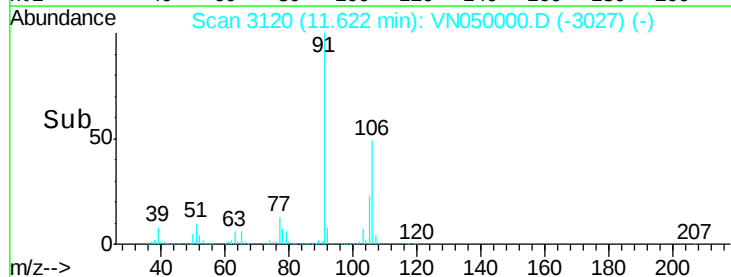
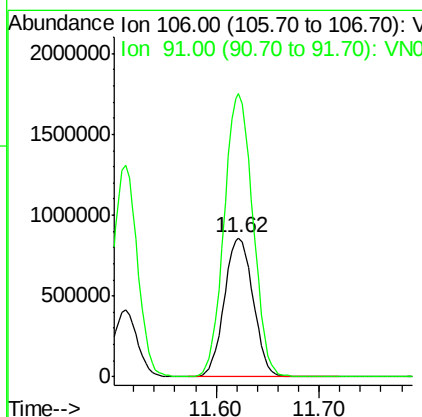
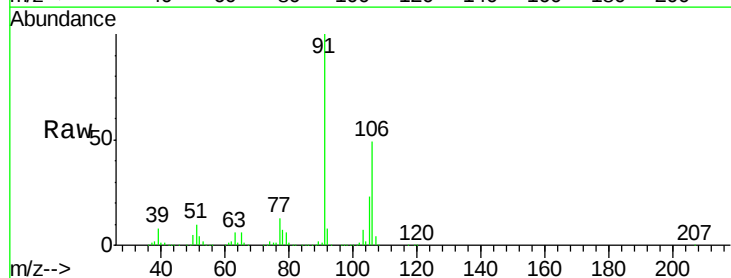
Manual Integrations
APPROVED

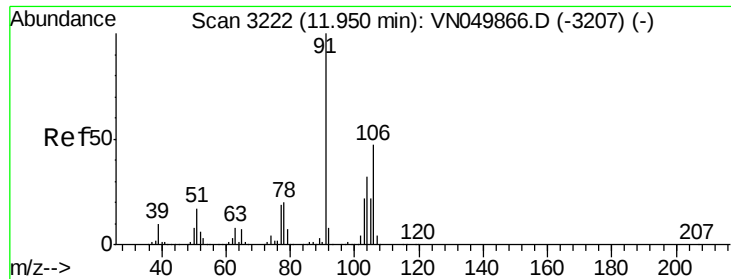
sam
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#68
m/p-Xylenes
Concen: 120.01 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion: 106 Resp: 1674594
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2





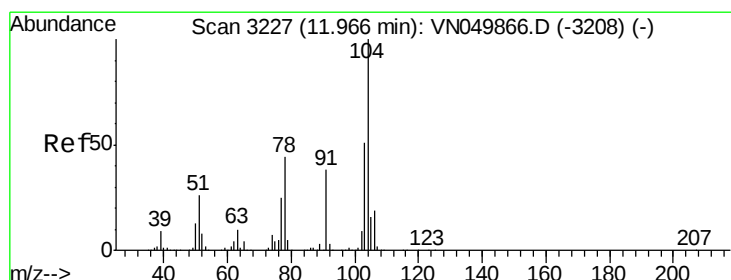
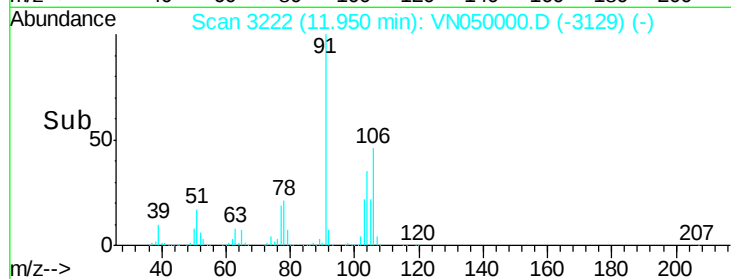
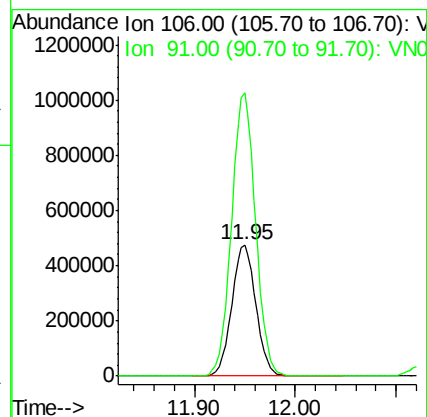
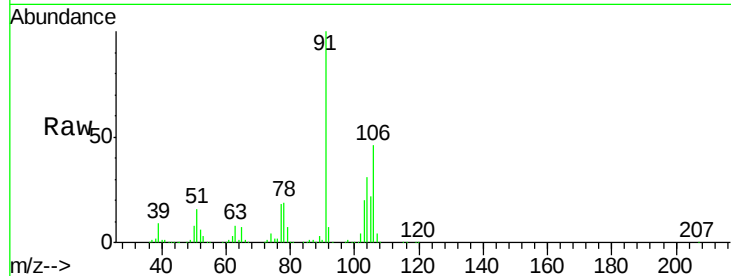
#69
o-Xylene
Concen: 59.21 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.8	108.7	326.1

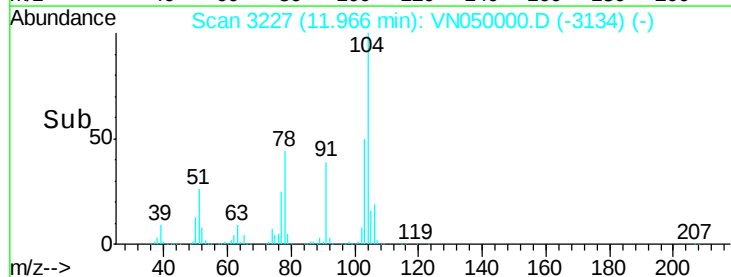
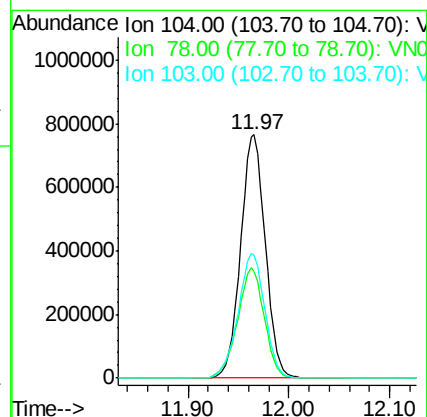
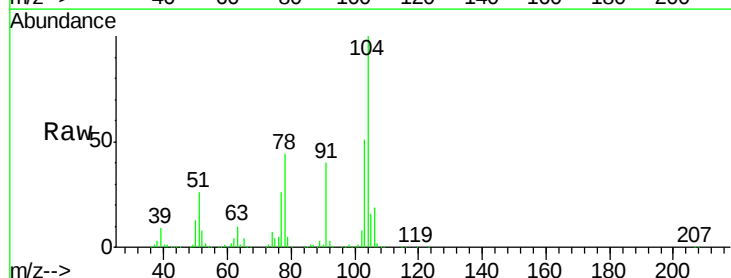
Manual Integrations
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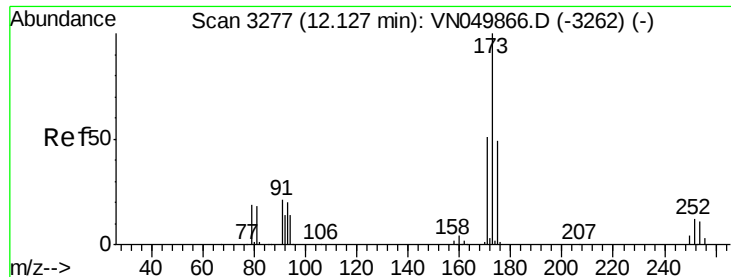
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#70
Styrene
Concen: 59.82 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.2	58.8
103	55.6	44.6	67.0





#71

Bromoform

Concen: 53.58 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

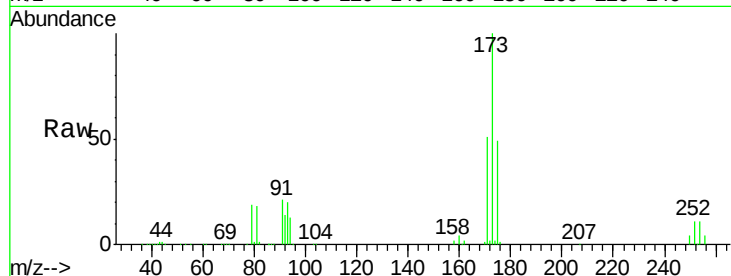
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2#

Manual Integrations
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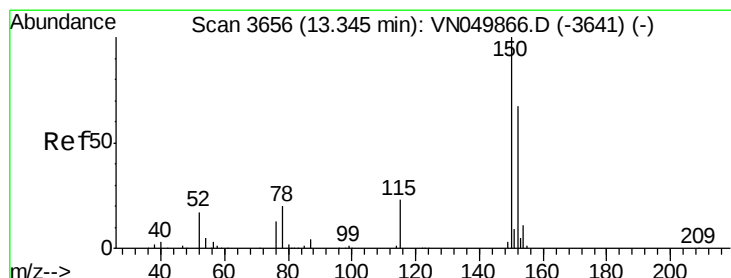
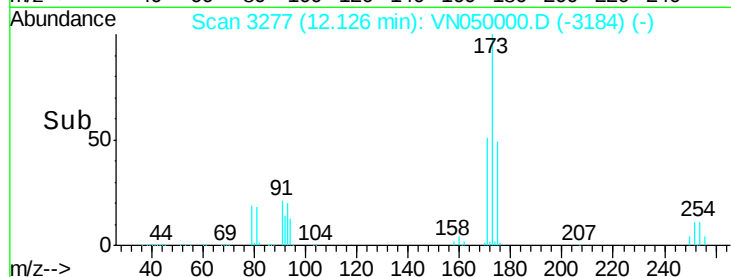
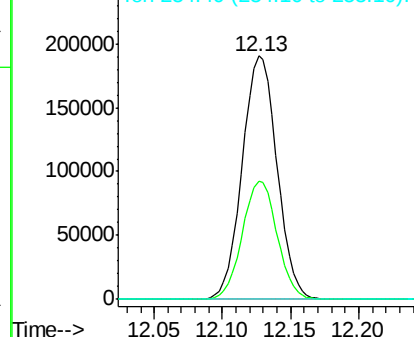


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

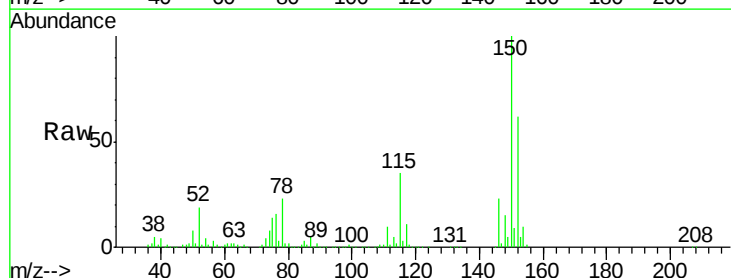
RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.1	84.2
150	176.1	0.0	347.6

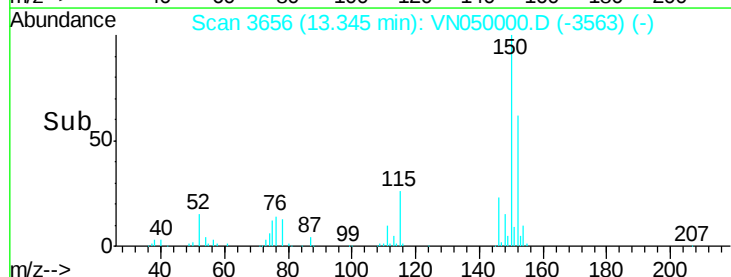
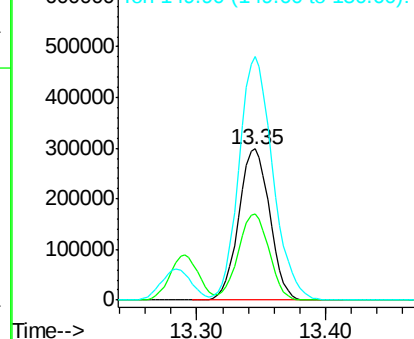


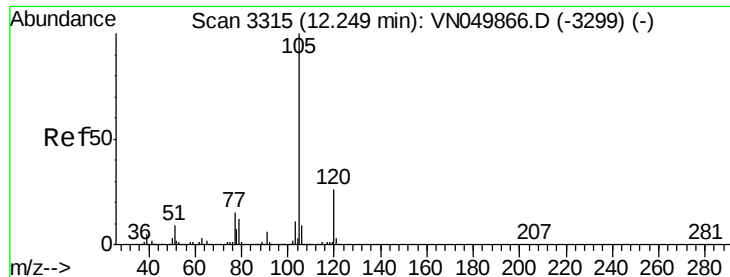
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.63 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 2136938

Ion Ratio Lower Upper

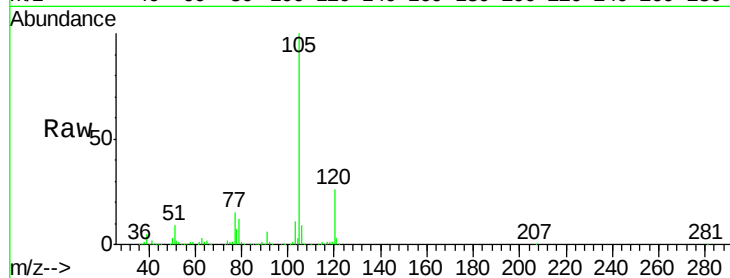
105 100

120 26.4 13.3 39.8

Manual Integrations
APPROVED

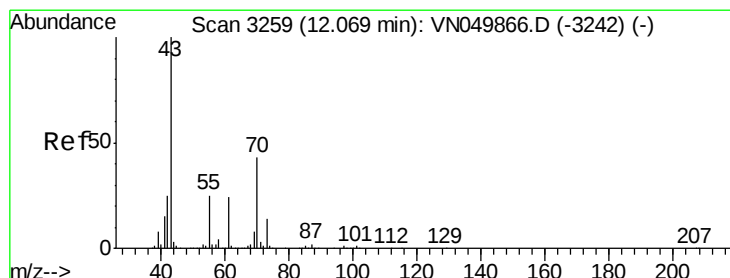
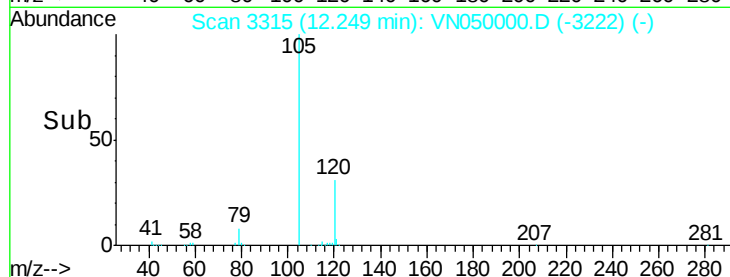
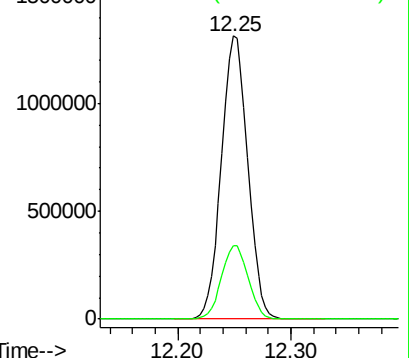
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.91 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion: 43 Resp: 596248

Ion Ratio Lower Upper

43 100

70 43.0 34.8 52.2

55 26.4 20.9 31.3

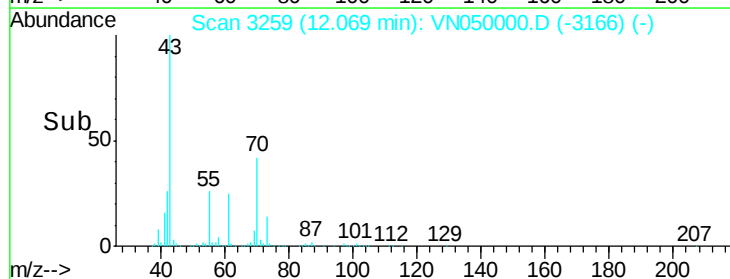
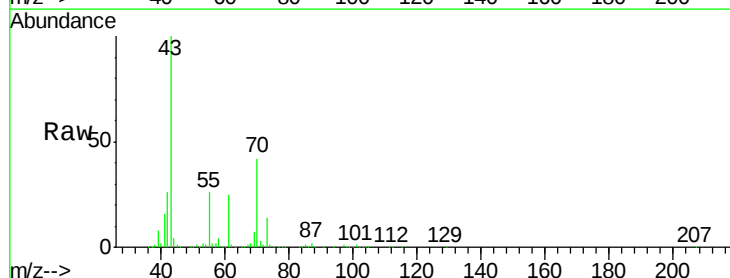
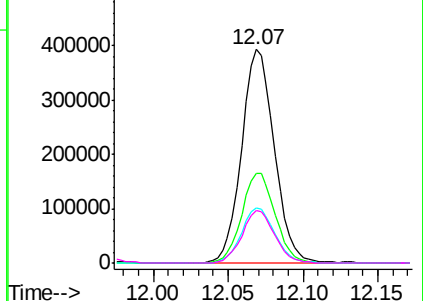
61 24.6 19.9 29.9

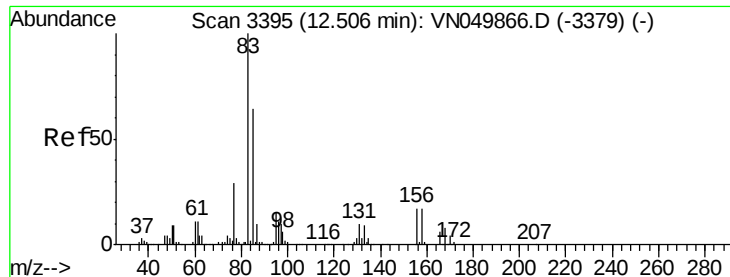
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.38 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

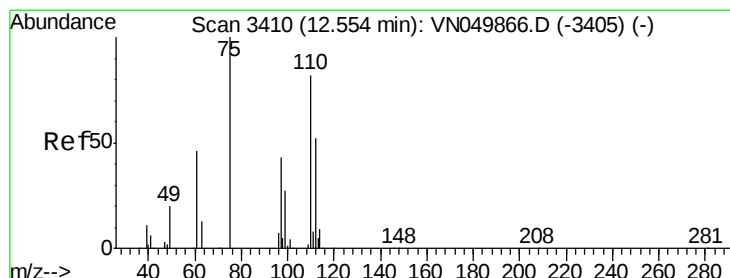
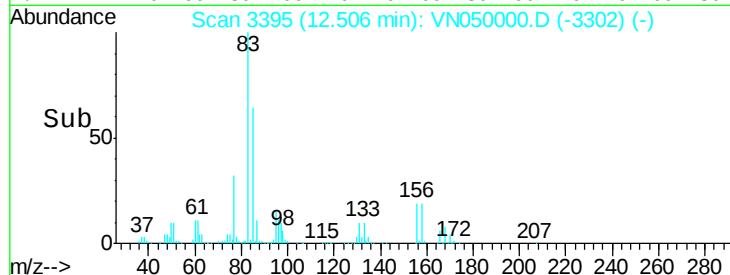
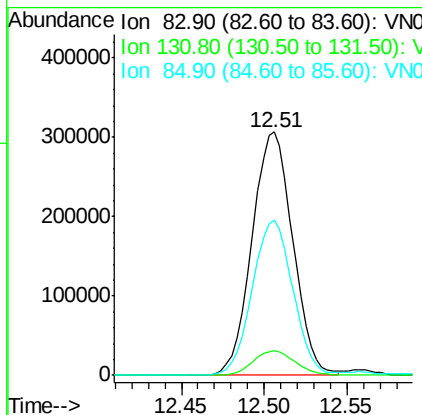
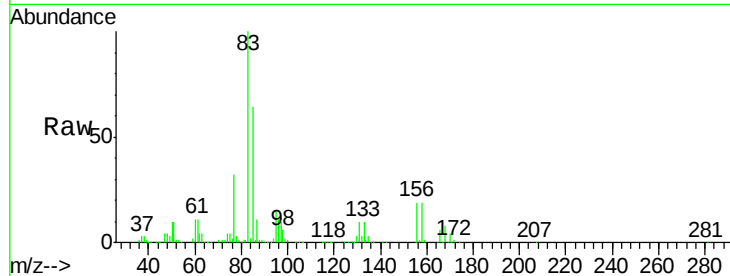
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	524334
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	63.4	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 44.48 ug/l m

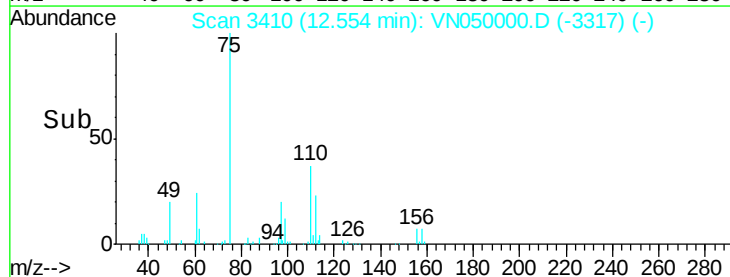
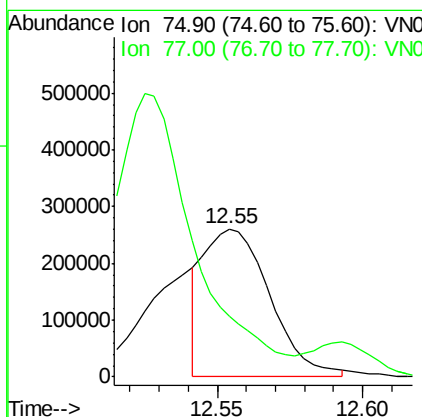
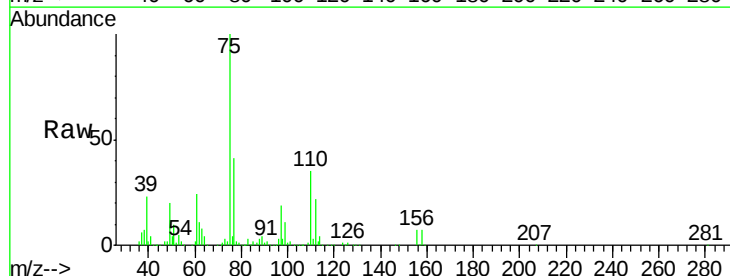
RT: 12.55 min Scan# 3410

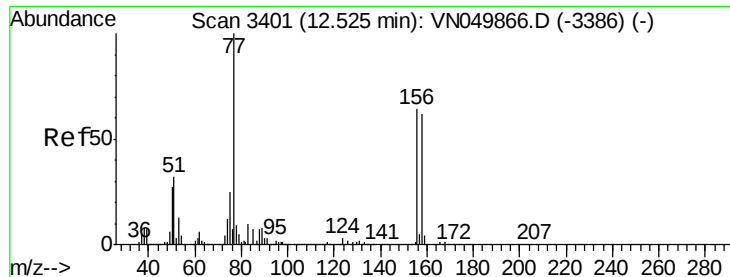
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	75	Resp:	414524
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.70 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

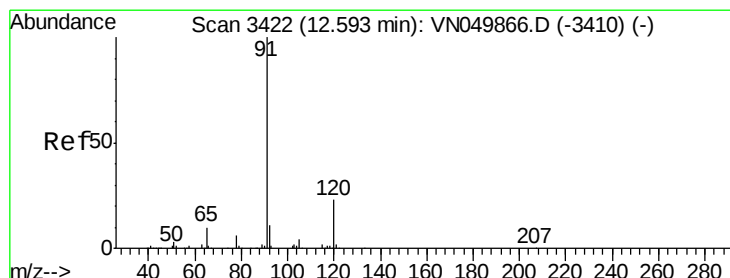
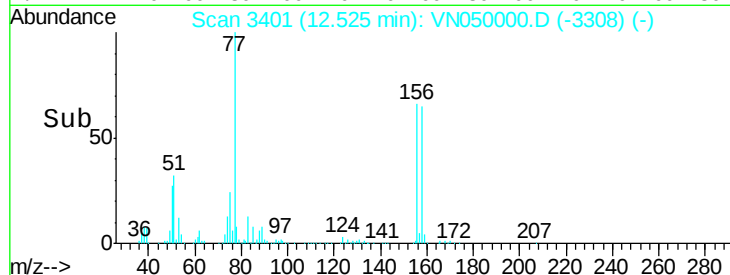
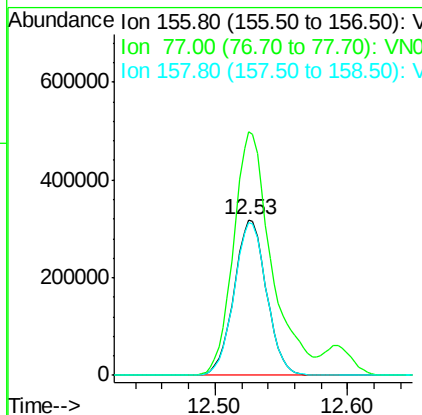
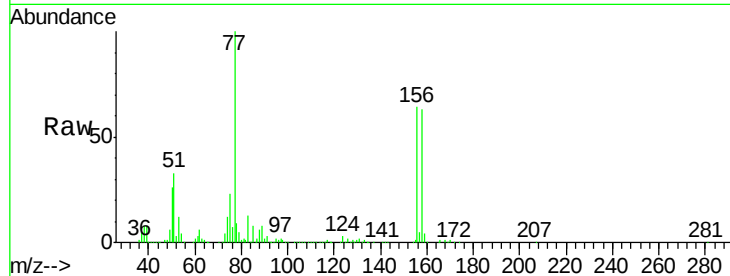
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.4	90.2	270.6
158	98.7	49.1	147.3

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#78

n-propylbenzene

Concen: 58.29 ug/l

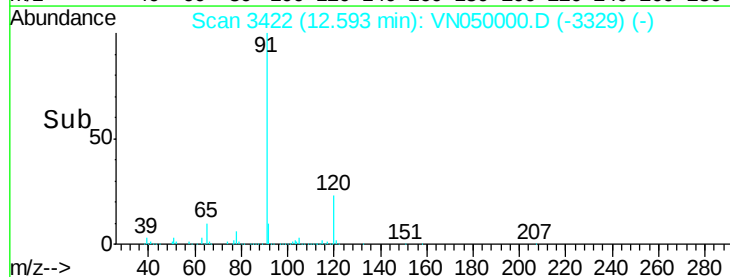
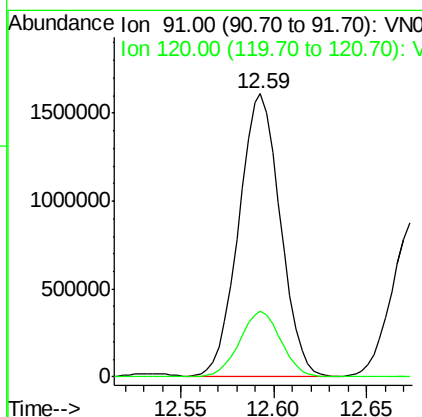
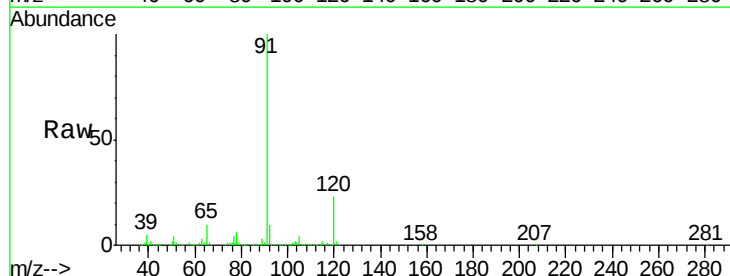
RT: 12.59 min Scan# 3422

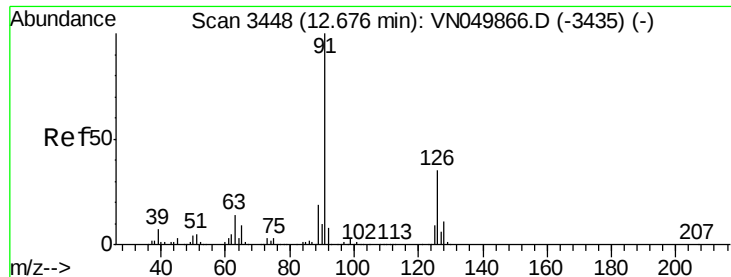
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 55.35 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1458116

Ion Ratio Lower Upper

91 100

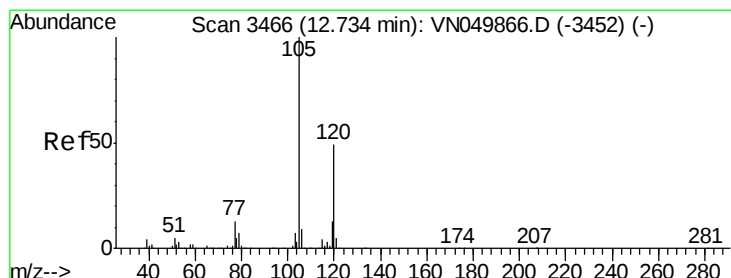
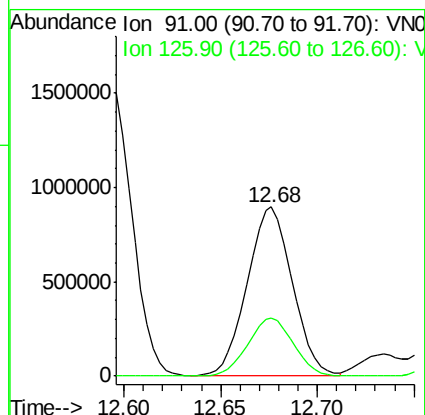
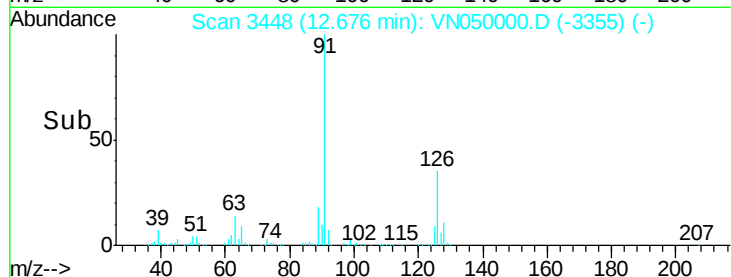
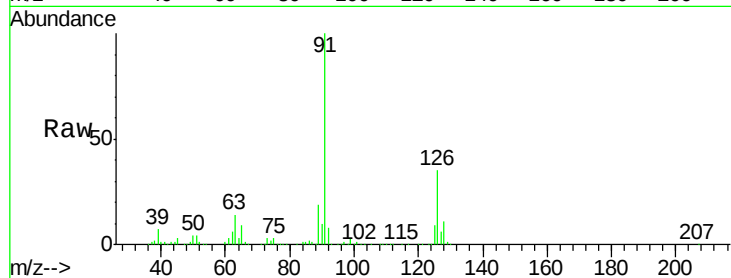
126 34.7 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 58.64 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050000.D

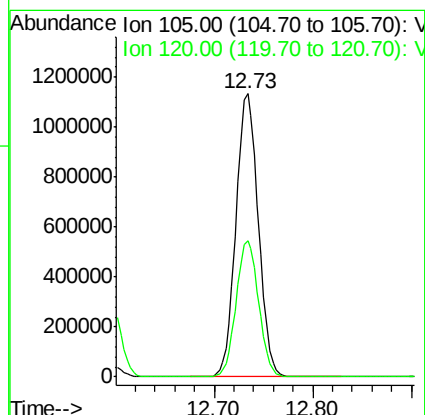
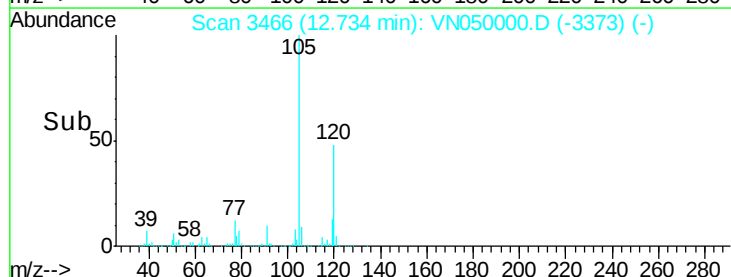
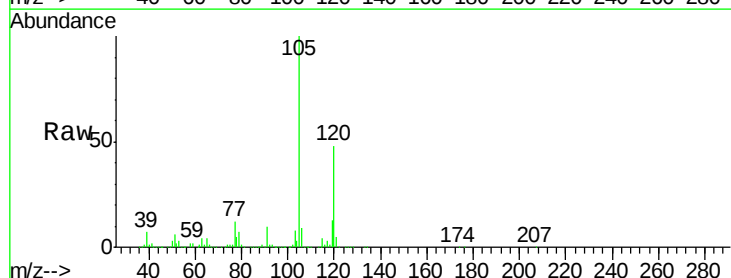
Acq: 23 Jul 2018 9:01

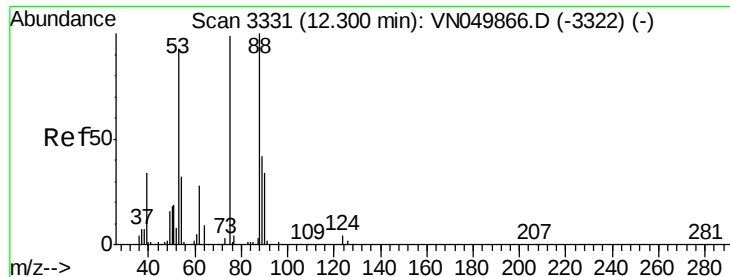
Tgt Ion:105 Resp: 1773526

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.64 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

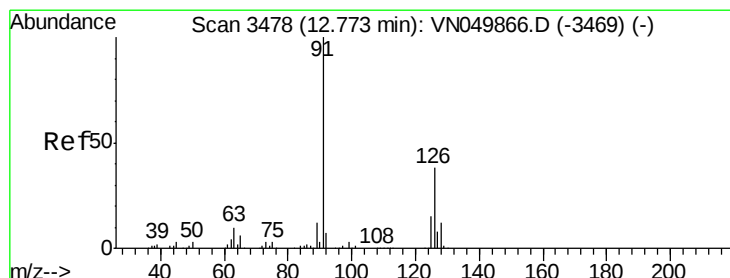
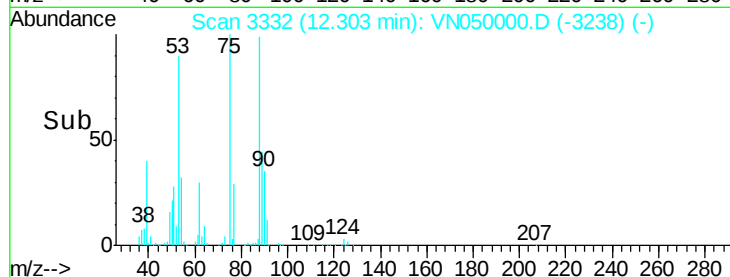
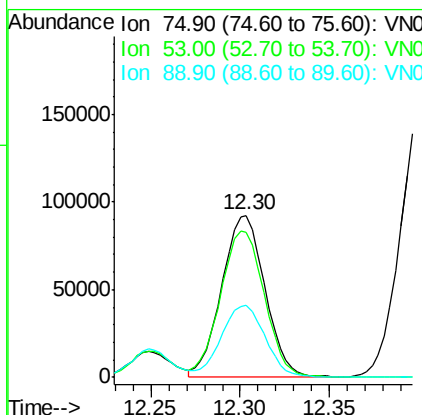
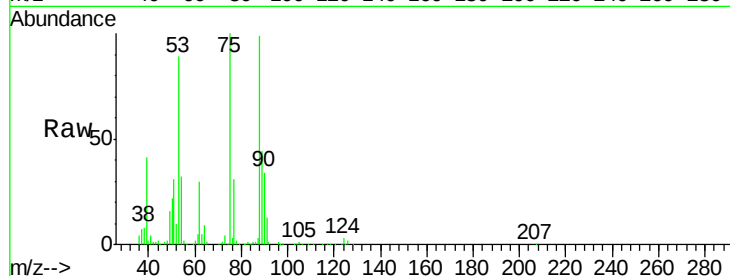
VSTDCCC050

Tot Ion:	75	Resp:	153903
Ion	Ratio	Lower	Upper
75	100		
53	93.4	73.9	110.9
89	45.5	35.9	53.9

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#82

4-Chlorotoluene

Concen: 56.77 ug/l

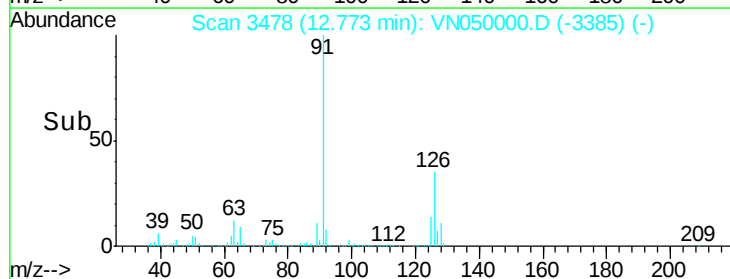
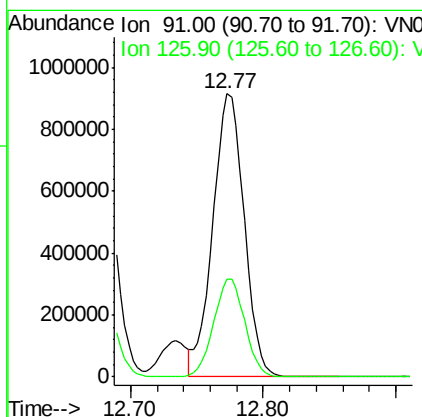
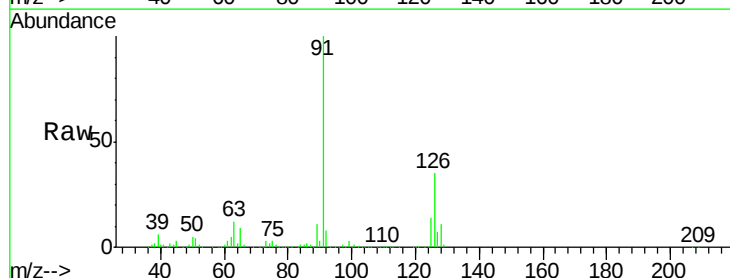
RT: 12.77 min Scan# 3478

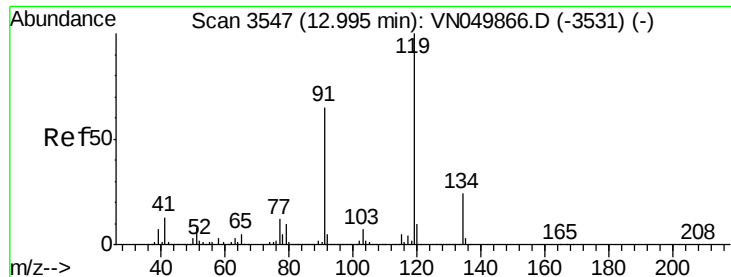
Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	91	Resp:	1500252
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.2	51.6





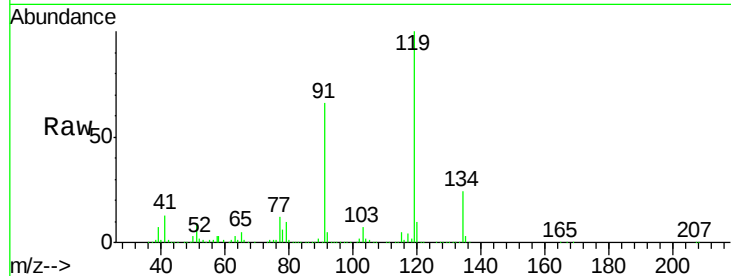
#83
 tert-Butylbenzene
 Concen: 56.64 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

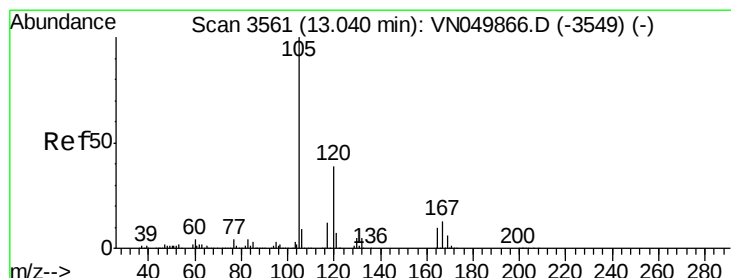
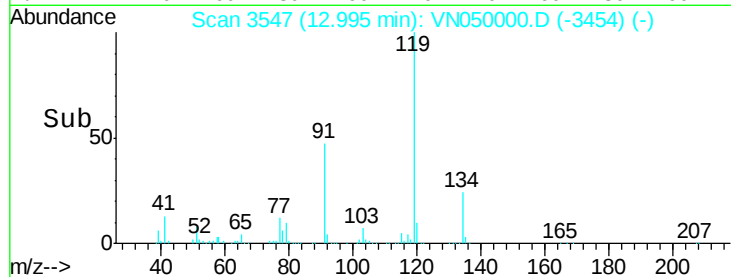
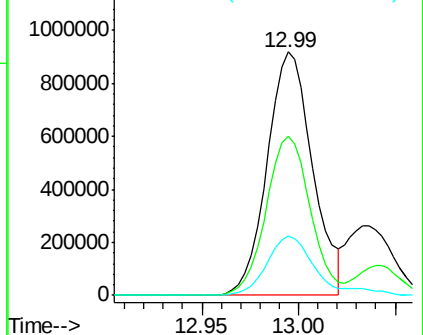
Tot Ion:119 Resp: 1504382
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.0 96.2
 134 26.3 12.8 38.4

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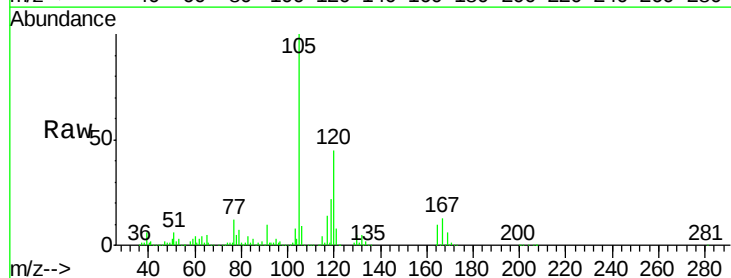


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

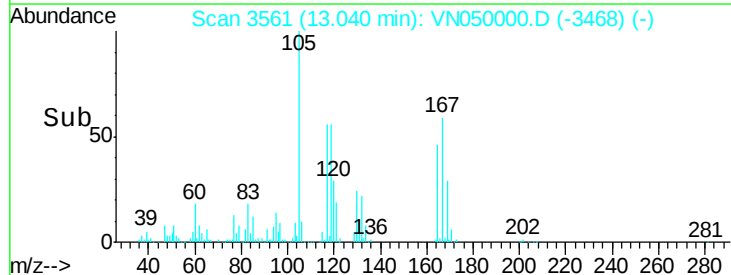
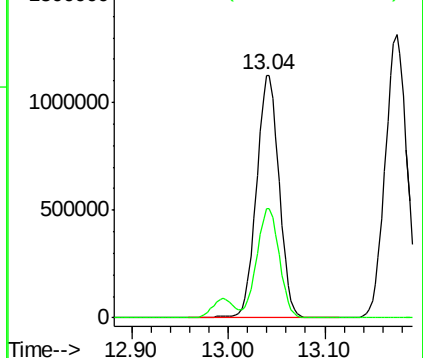


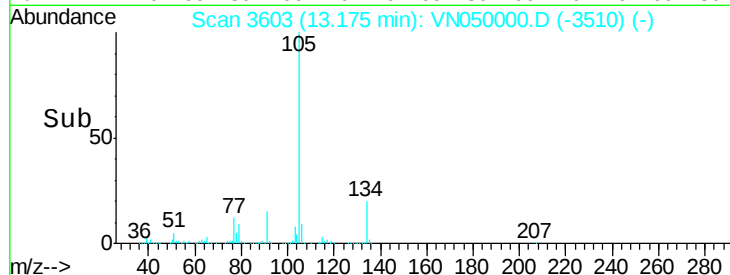
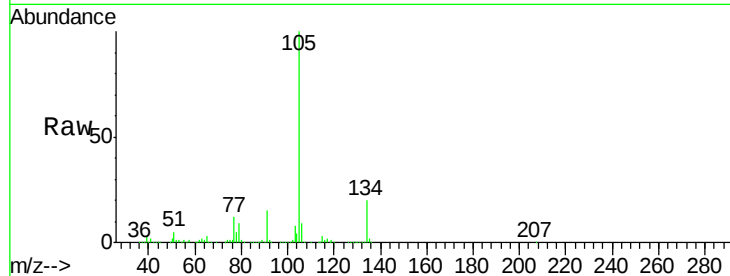
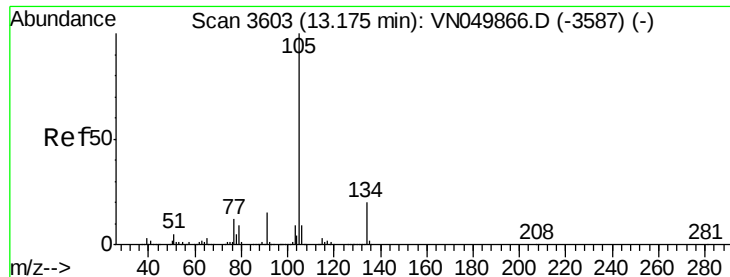
#84
 1,2,4-Trimethylbenzene
 Concen: 59.60 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion:105 Resp: 1825910
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





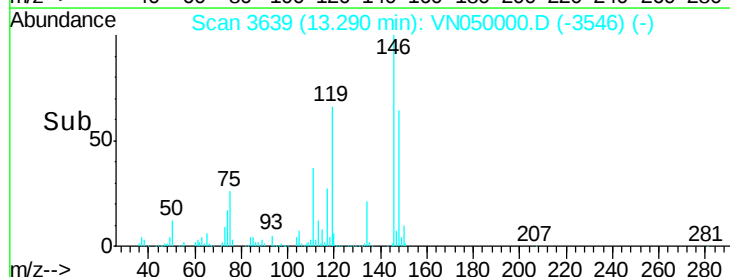
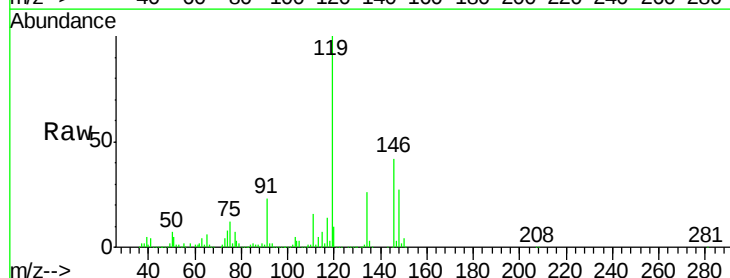
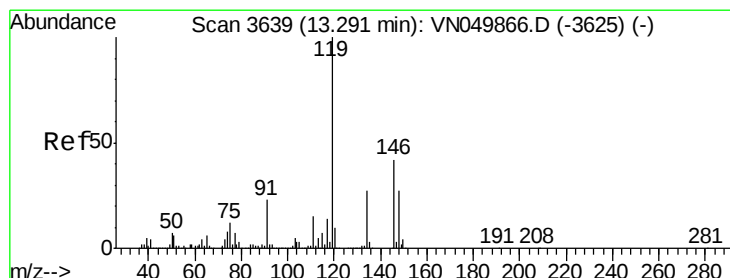
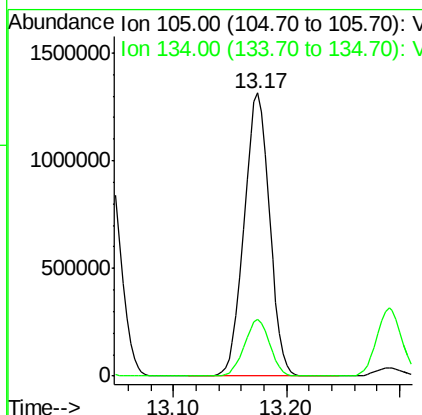
#85
 sec-Butylbenzene
 Concen: 58.64 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tot Ion:105 Resp: 2058365
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

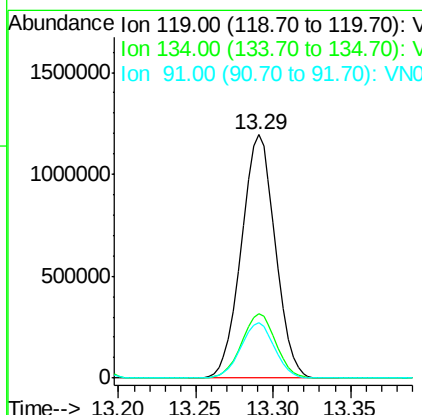
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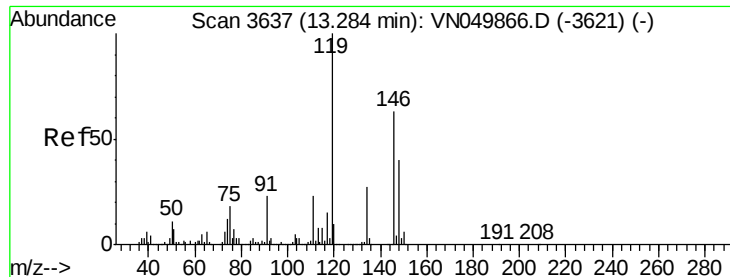
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#86
 p-Isopropyltoluene
 Concen: 60.70 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion:119 Resp: 1816243
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.6 11.4 34.1





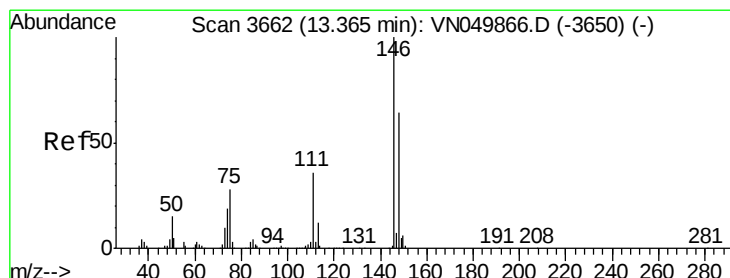
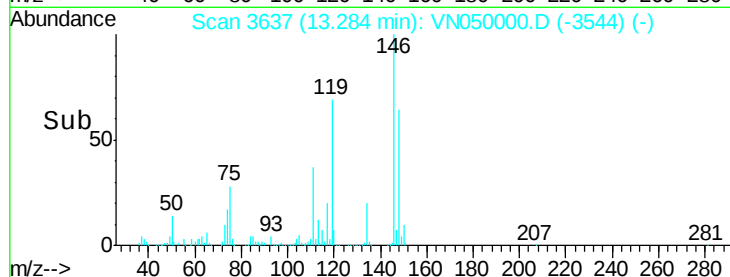
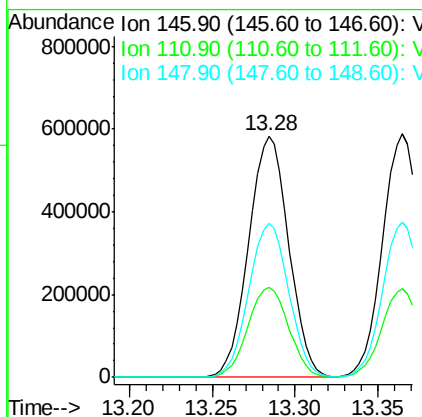
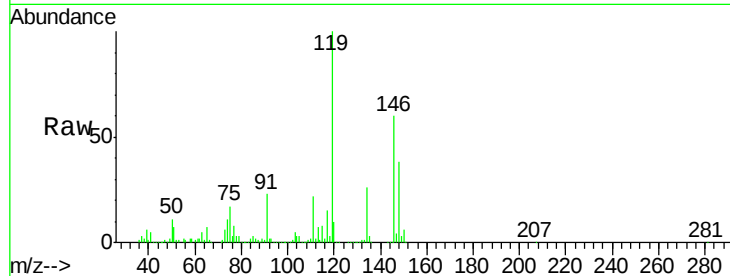
#87
 1,3-Dichlorobenzene
 Concen: 53.93 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.8	32.5	97.5

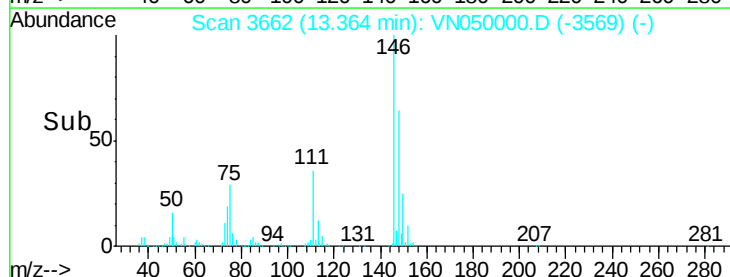
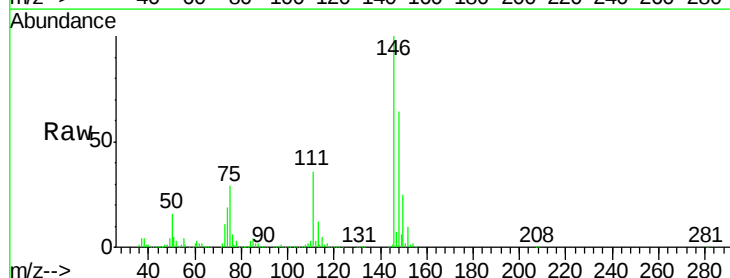
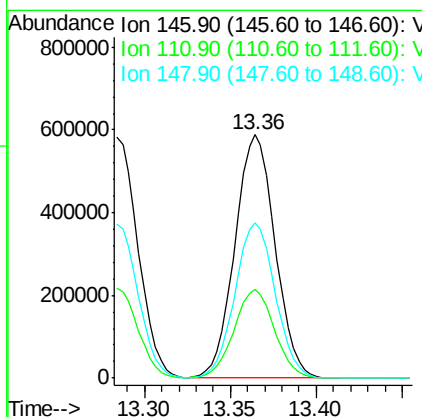
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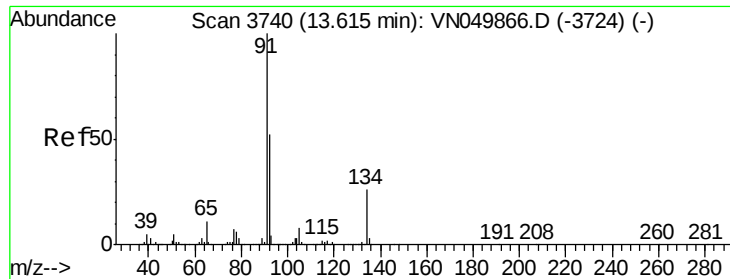
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#88
 1,4-Dichlorobenzene
 Concen: 52.33 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.5
148	64.1	32.1	96.3





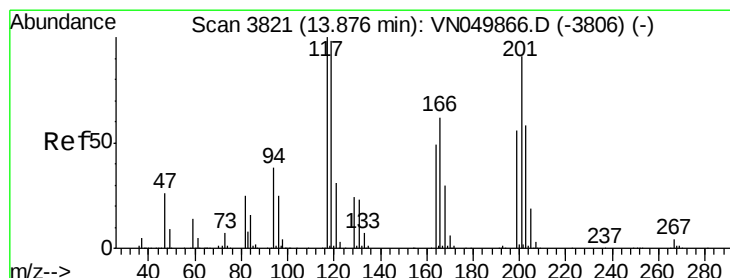
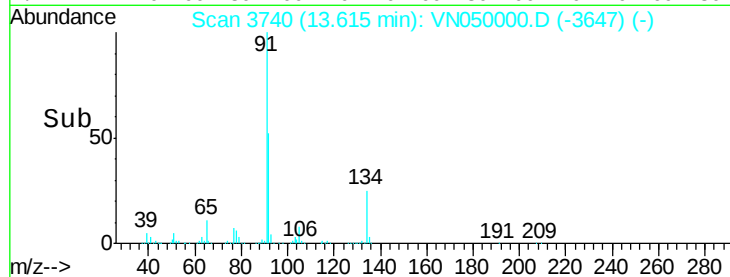
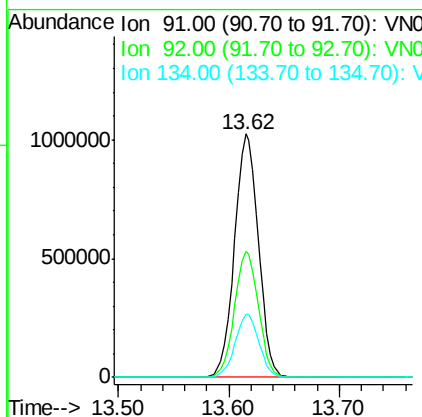
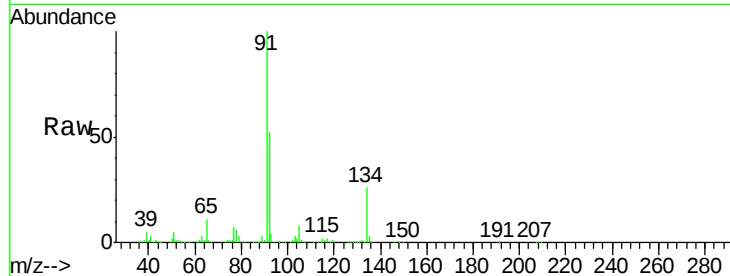
#89
n-Butylbenzene
Concen: 62.07 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.8	77.3
134	25.8	13.0	38.9

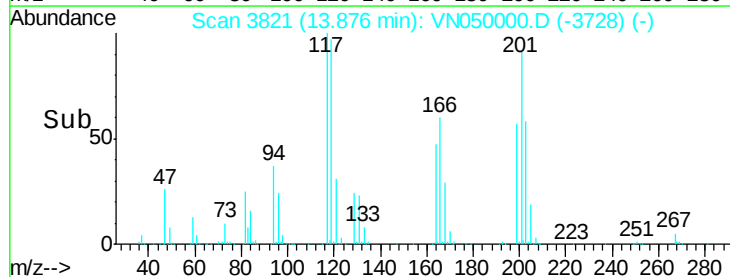
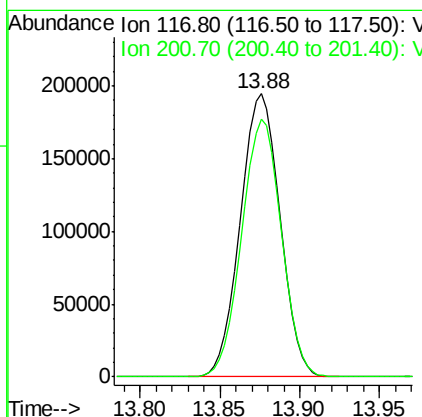
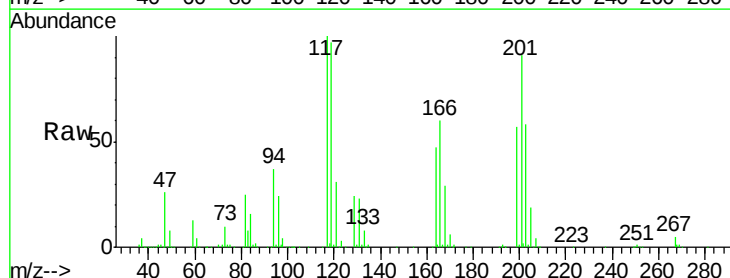
Manual Integrations
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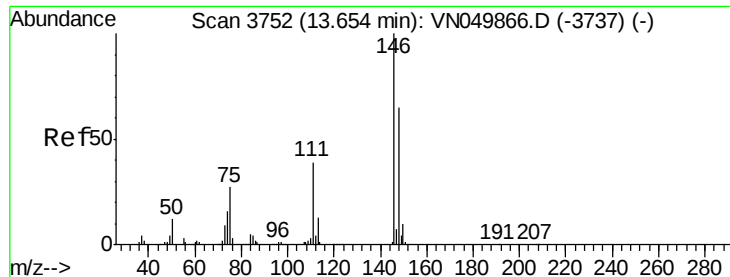
sam
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#90
Hexachloroethane
Concen: 49.08 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050000.D
Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.3	135.8





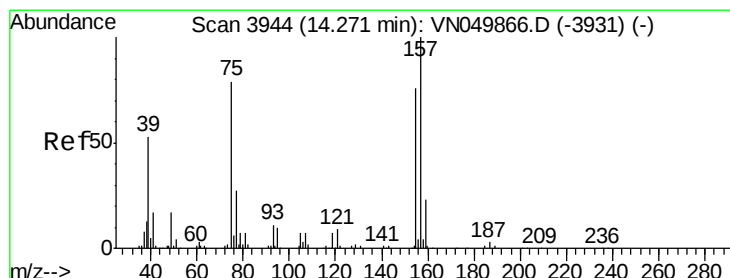
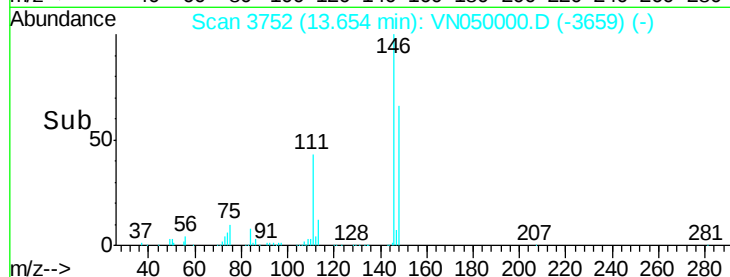
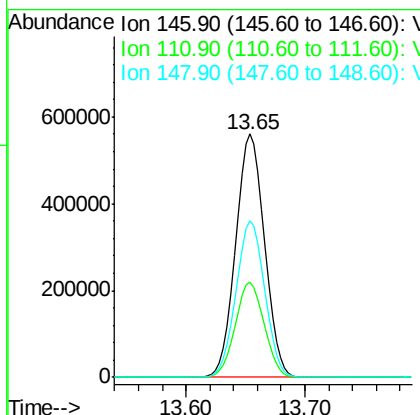
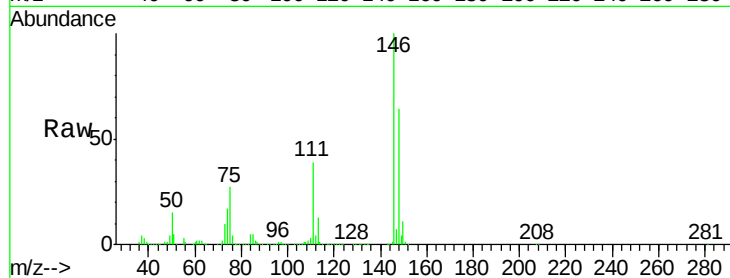
#91
 1,2-Dichlorobenzene
 Concen: 52.65 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.2	32.0	96.2

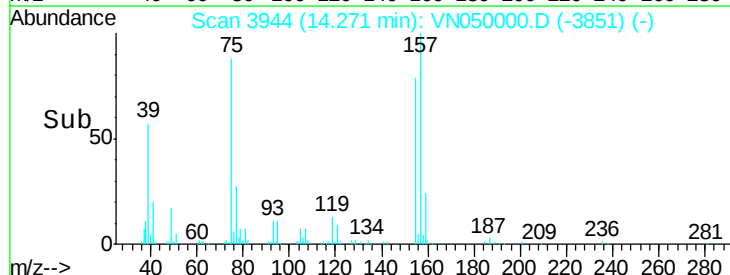
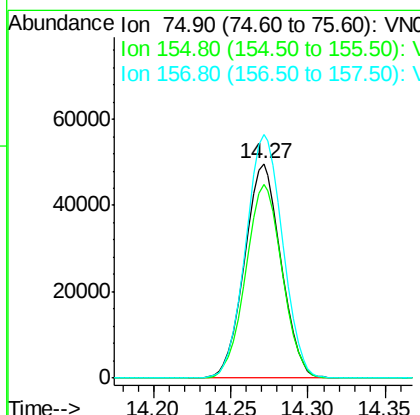
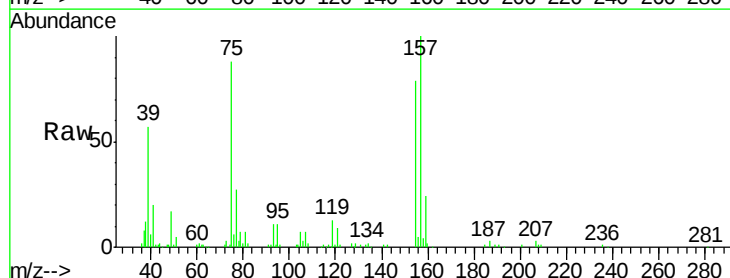
Manual Integrations
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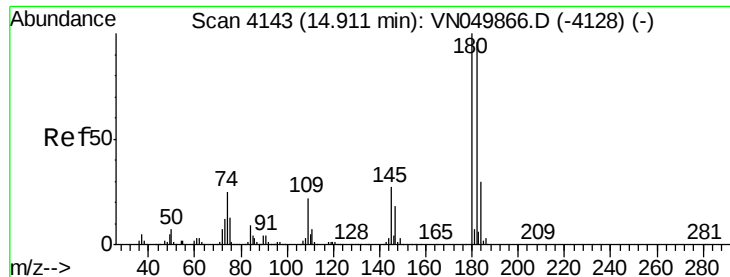
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.72 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	45.7	137.1
157	115.2	56.9	170.7





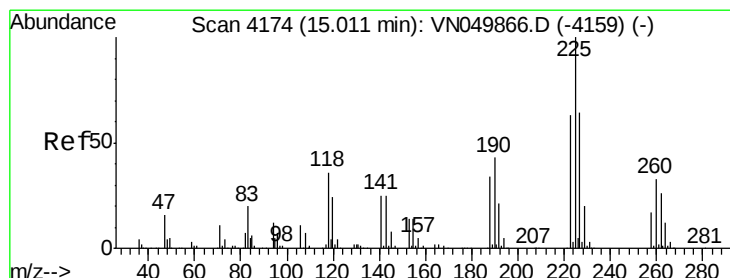
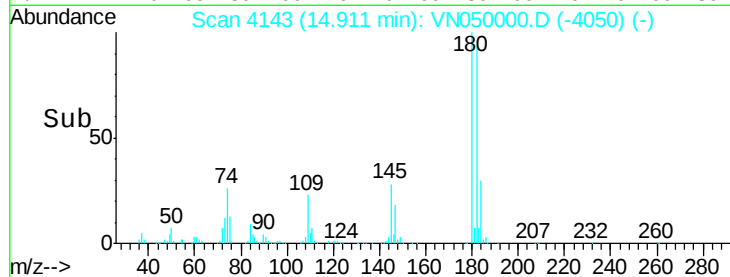
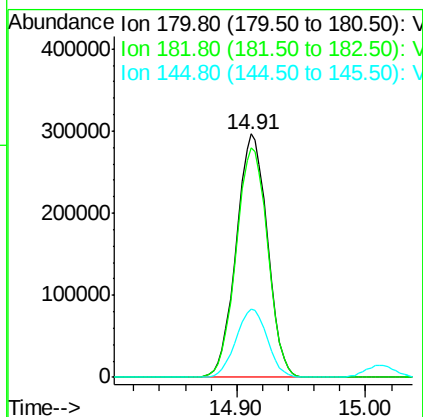
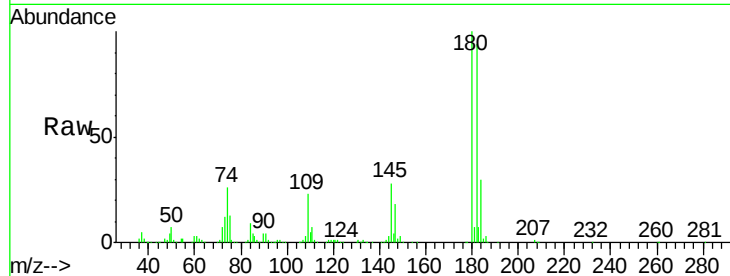
#93
 1,2,4-Trichlorobenzene
 Concen: 50.46 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	141.9	
145	28.3	14.4	43.0	

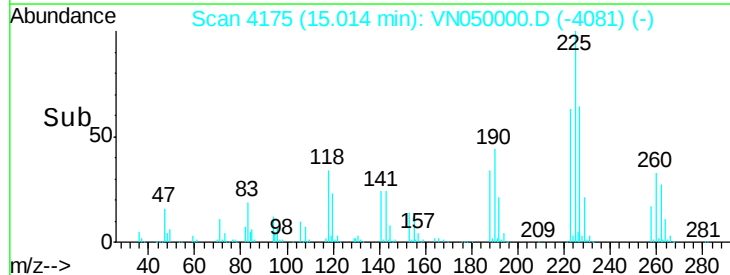
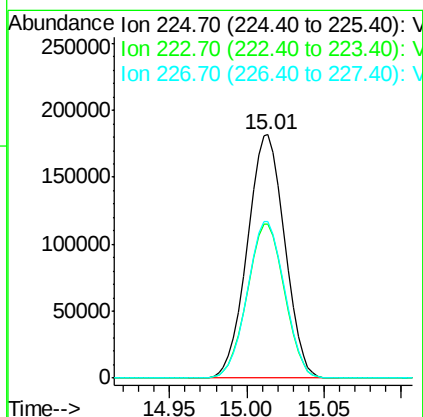
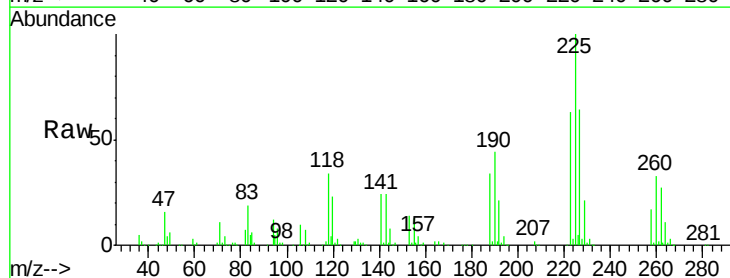
Manual Integrations
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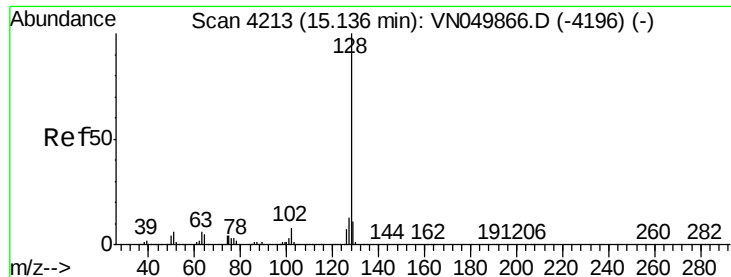
sam
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#94
 Hexachlorobutadiene
 Concen: 52.28 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050000.D
 Acq: 23 Jul 2018 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	30.9	92.7	
227	64.1	31.8	95.4	





#95

Naphthalene

Concen: 44.92 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Instrument :

MSVOA_N

ClientSampleId :

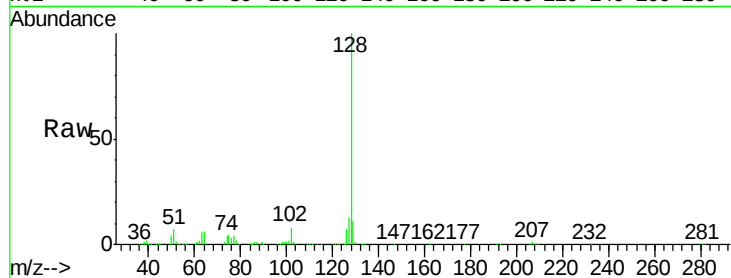
VSTDCCC050

Tot Ion:	128	Resp:	1045247
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

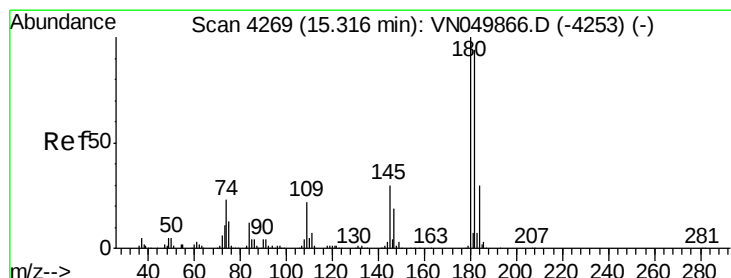
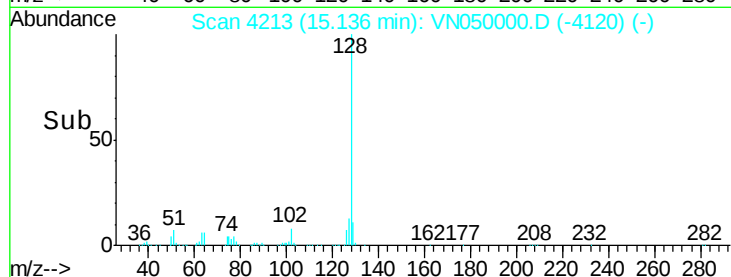
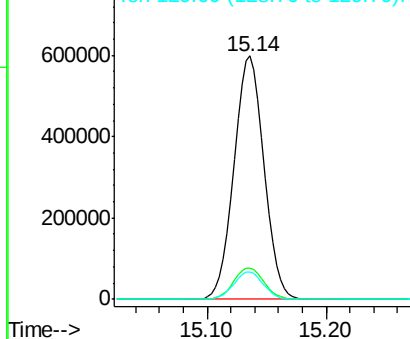
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.73 ug/l

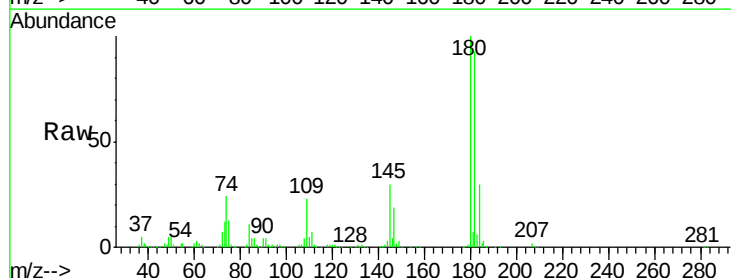
RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050000.D

Acq: 23 Jul 2018 9:01

Tgt Ion:	180	Resp:	485846
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	30.2	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

