

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049687.D
 Acq On : 3 Jul 2018 12:14
 Operator : MD\SY
 Sample : VN0703WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:39 PM

Quant Time: Jul 03 23:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1190943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1745998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1597667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	882070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	759774	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	616443	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.09	98	2430613	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.40	95	850123	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	266527	19.859	ug/l 97
3) Chloromethane	2.06	50	355334	21.197	ug/l 100
4) Vinyl Chloride	2.18	62	365860	20.321	ug/l 100
5) Bromomethane	2.56	94	203150	21.481	ug/l 99
6) Chloroethane	2.69	64	232569	20.409	ug/l 99
7) Trichlorofluoromethane	3.01	101	444623	21.620	ug/l 99
8) Diethyl Ether	3.41	74	175716	21.080	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	301620	20.385	ug/l 100
10) Methyl Iodide	3.94	142	392702	21.207	ug/l 98
11) Tert butyl alcohol	4.81	59	158652	175.791	ug/l 100
12) 1,1-Dichloroethene	3.73	96	275894	19.724	ug/l 99
13) Acrolein	3.60	56	73146	86.768	ug/l 97
14) Allyl chloride	4.32	41	405702	21.115	ug/l 98
15) Acrylonitrile	5.00	53	599648	128.644	ug/l 99
16) Acetone	3.82	43	480996	149.060	ug/l 100
17) Carbon Disulfide	4.04	76	805598	20.714	ug/l 100
18) Methyl Acetate	4.33	43	333826	20.773	ug/l 98
19) Methyl tert-butyl Ether	5.05	73	806802	22.374	ug/l 97
20) Methylene Chloride	4.54	84	326598	20.166	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	289559	20.114	ug/l 97
22) Diisopropyl ether	5.95	45	912543	20.992	ug/l 95
23) Vinyl Acetate	5.90	43	3135003	111.210	ug/l 100
24) 1,1-Dichloroethane	5.84	63	553288	20.203	ug/l 99
25) 2-Butanone	6.84	43	742137	142.139	ug/l 100
26) 2,2-Dichloropropane	6.82	77	463998	20.400	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	329780	20.507	ug/l 98
28) Bromochloromethane	7.19	49	254263	21.876	ug/l 99
29) Tetrahydrofuran	7.22	42	469799	141.174	ug/l 99
30) Chloroform	7.37	83	564918	20.236	ug/l 100
31) Cyclohexane	7.65	56	480385	20.019	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	475971	20.138	ug/l 99
36) 1,1-Dichloropropene	7.79	75	414411	21.097	ug/l 99
37) Ethyl Acetate	6.93	43	320824	28.001	ug/l 99
38) Carbon Tetrachloride	7.77	117	406567	21.277	ug/l 99

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Quant Time: Jul 03 23:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	445036	20.663	ug/l	97
40) Benzene	8.04	78	1256106	20.942	ug/l	100
41) Methacrylonitrile	7.17	41	119511	18.505	ug/l #	69
42) 1,2-Dichloroethane	8.12	62	407888	21.308	ug/l	100
43) Isopropyl Acetate	8.17	43	587111	25.524	ug/l	99
44) Trichloroethene	8.84	130	357164	19.745	ug/l	98
45) 1,2-Dichloropropane	9.12	63	329537	21.265	ug/l	100
46) Dibromomethane	9.21	93	210889	22.494	ug/l	99
47) Bromodichloromethane	9.40	83	422789	21.184	ug/l	97
48) Methyl methacrylate	9.20	41	267891	26.312	ug/l	97
49) 1,4-Dioxane	9.20	88	85945	627.894	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1625689	144.720	ug/l	99
52) Toluene	10.16	92	775156	21.391	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	416320	21.785	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	476589	21.338	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	297538	22.052	ug/l	100
56) Ethyl methacrylate	10.43	69	383822	24.269	ug/l	99
57) 1,3-Dichloropropane	10.71	76	485460	22.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	844848	108.880	ug/l	100
59) 2-Hexanone	10.75	43	1139696	153.430	ug/l	99
60) Dibromochloromethane	10.90	129	329078	22.566	ug/l	99
61) 1,2-Dibromoethane	11.01	107	299548	23.171	ug/l	99
64) Tetrachloroethene	10.63	164	414682	19.169	ug/l	99
65) Chlorobenzene	11.44	112	839722	20.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	311808	20.821	ug/l	98
67) Ethyl Benzene	11.51	91	1393899	20.232	ug/l	99
68) m/p-Xylenes	11.63	106	1125021	42.609	ug/l	99
69) o-Xylene	11.95	106	528697	20.915	ug/l	97
70) Styrene	11.97	104	861951	21.074	ug/l	100
71) Bromoform	12.13	173	236339	23.751	ug/l #	100
73) Isopropylbenzene	12.25	105	1394249	19.844	ug/l	100
74) N-amyl acetate	12.07	43	464956	24.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	381311	25.446	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	356120m	25.174	ug/l	
77) Bromobenzene	12.53	156	369480	19.339	ug/l	98
78) n-propylbenzene	12.59	91	1659163	20.604	ug/l	100
79) 2-Chlorotoluene	12.68	91	997767	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1220718	20.908	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	97758	23.471	ug/l	95
82) 4-Chlorotoluene	12.77	91	1013564	19.780	ug/l	99
83) tert-Butylbenzene	13.00	119	1009752	20.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1238764	20.648	ug/l	100
85) sec-Butylbenzene	13.17	105	1373242	20.665	ug/l	99
86) p-Isopropyltoluene	13.29	119	1205584	20.946	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	665907	20.247	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	652707	20.276	ug/l	100
89) n-Butylbenzene	13.62	91	963332	19.549	ug/l	100
90) Hexachloroethane	13.88	117	155129	25.658	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	654734	20.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61748	24.675	ug/l	97

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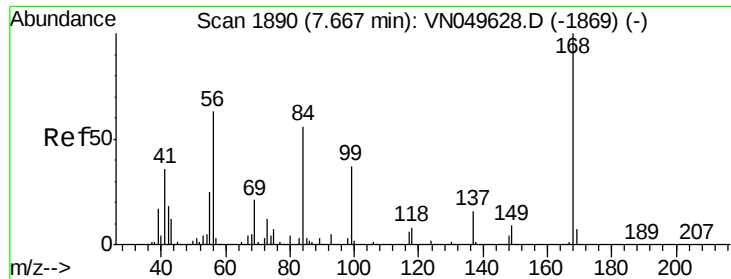
Manual Integrations
APPROVED

sam
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	282707	18.962	ug/l	100
94) Hexachlorobutadiene	15.01	225	208627	20.973	ug/l	99
95) Naphthalene	15.14	128	642277	20.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	304574	20.732	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion:168 Resp: 1190943

Ion Ratio Lower Upper

168 100

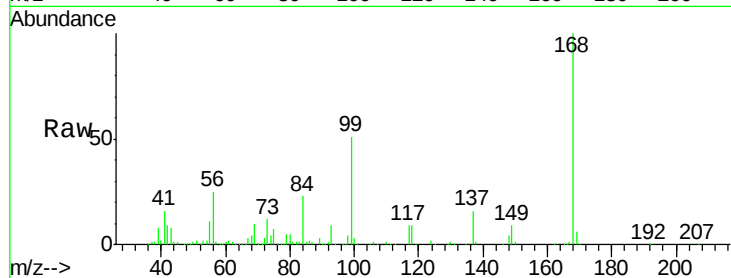
99 50.2 40.6 61.0

Manual Integrations

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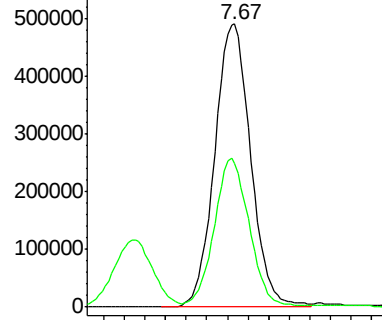
sam

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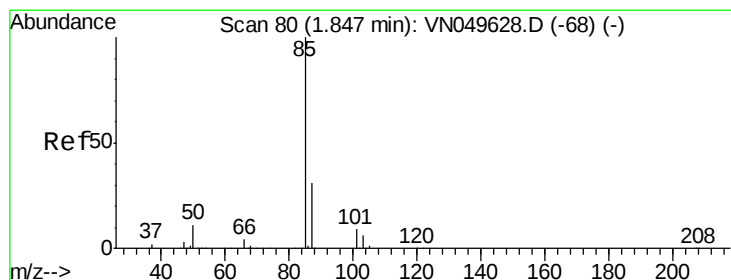
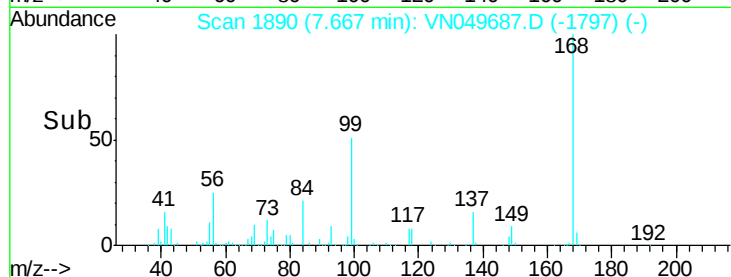


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



Time-->



#2

Dichlorodifluoromethane

Concen: 19.859 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049687.D

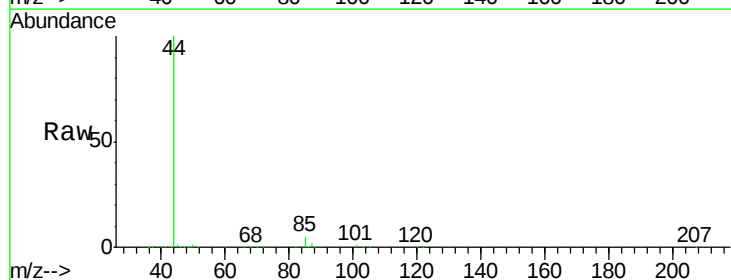
Acq: 3 Jul 2018 12:14

Tgt Ion: 85 Resp: 266527

Ion Ratio Lower Upper

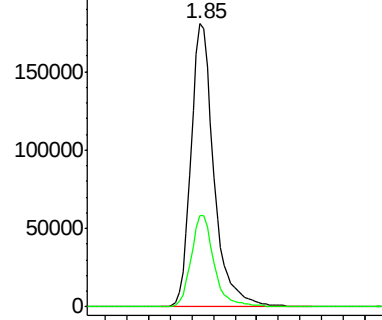
85 100

87 32.2 15.4 46.1

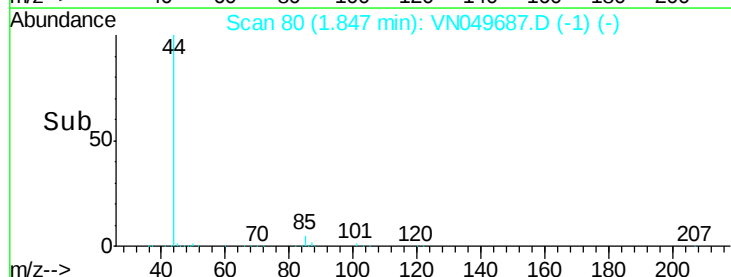


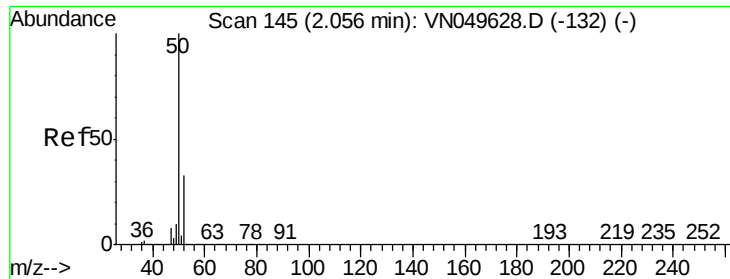
Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0



Time-->





#3

Chloromethane

Concen: 21.197 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion: 50 Resp: 355334

Ion Ratio Lower Upper

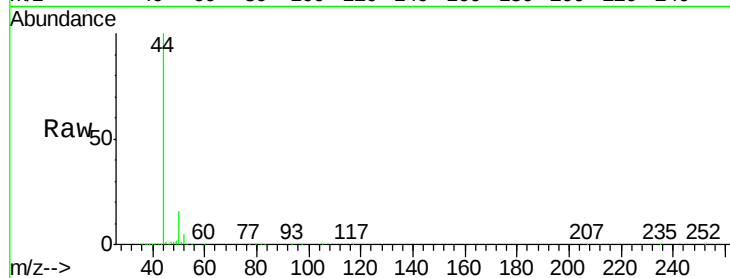
50 100

52 32.4 26.1 39.1

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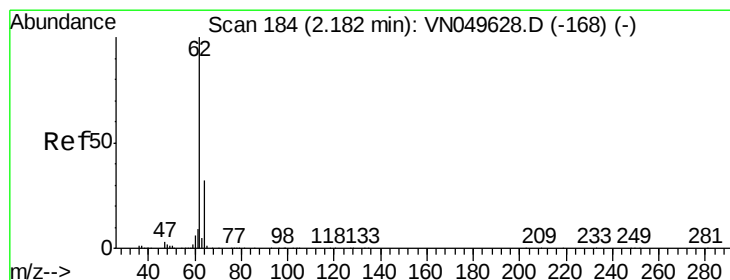
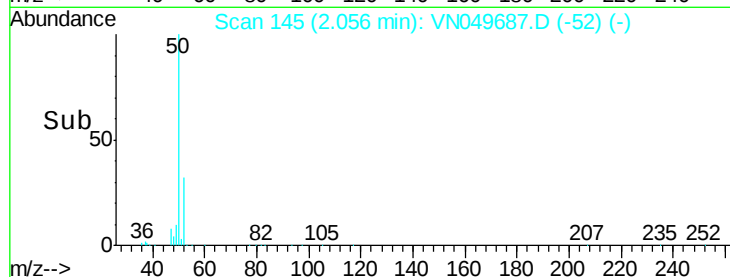
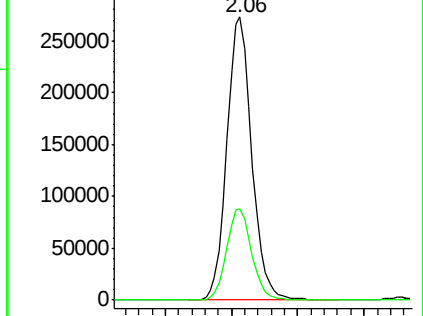
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.321 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN049687.D

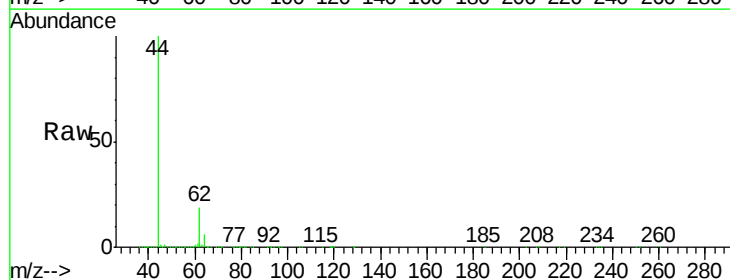
Acq: 3 Jul 2018 12:14

Tgt Ion: 62 Resp: 365860

Ion Ratio Lower Upper

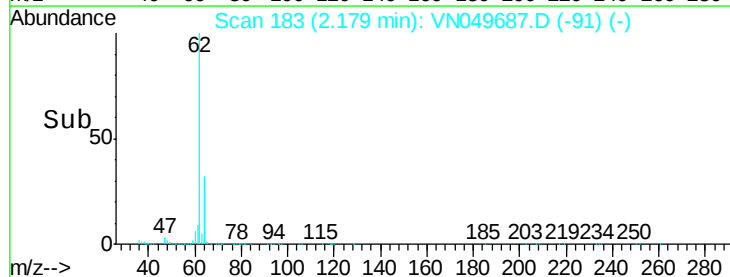
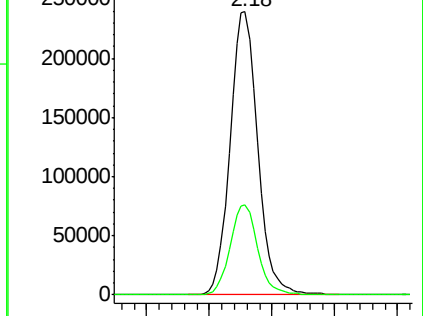
62 100

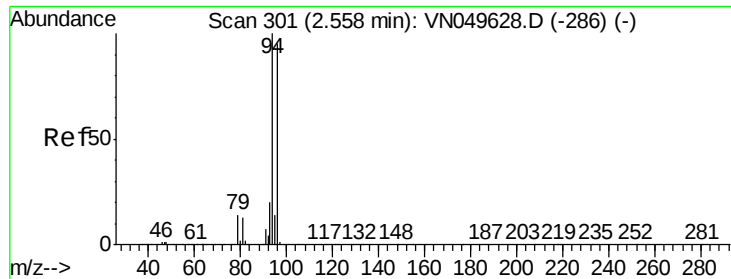
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.481 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion: 94 Resp: 203150

Ion Ratio Lower Upper

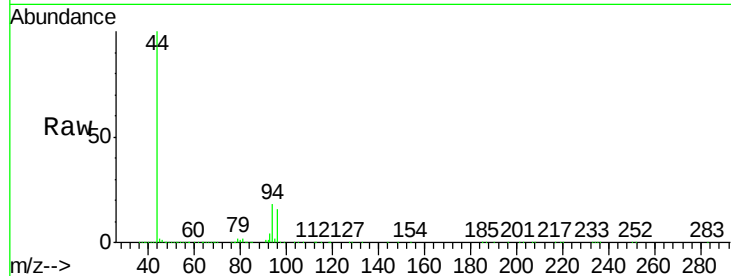
94 100

96 94.0 75.7 113.5

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

120000

100000

80000

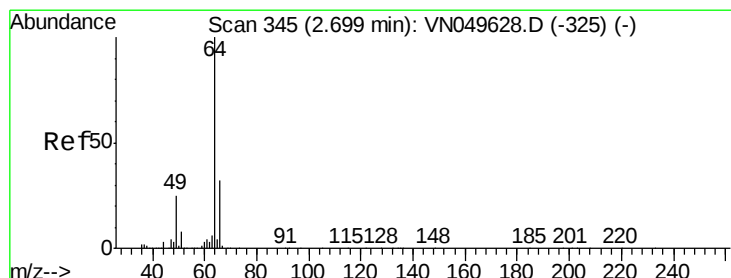
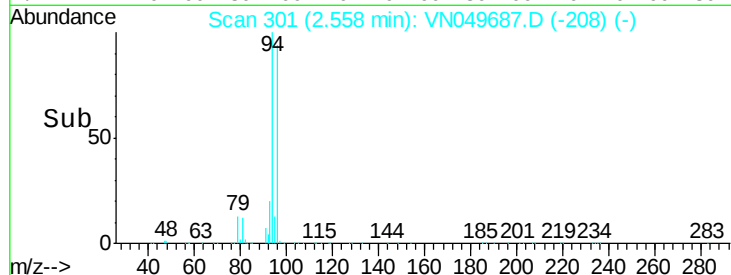
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.409 ug/l

RT: 2.69 min Scan# 343

Delta R.T. -0.01 min

Lab File: VN049687.D

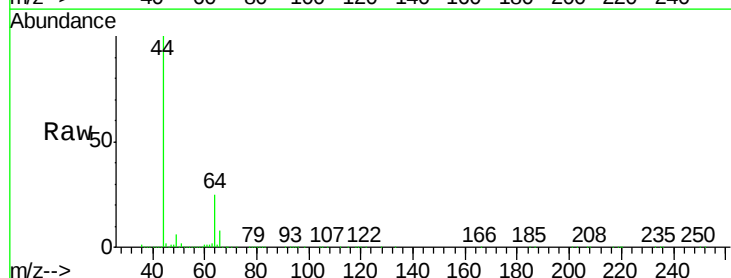
Acq: 3 Jul 2018 12:14

Tgt Ion: 64 Resp: 232569

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

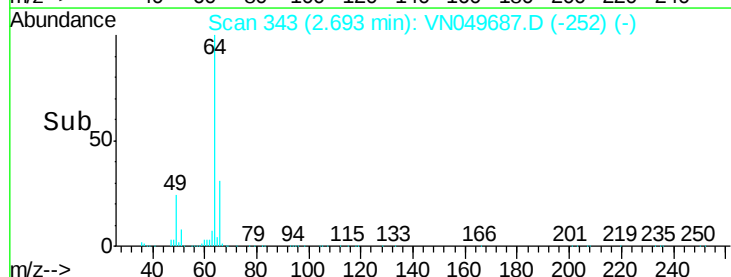
2.69

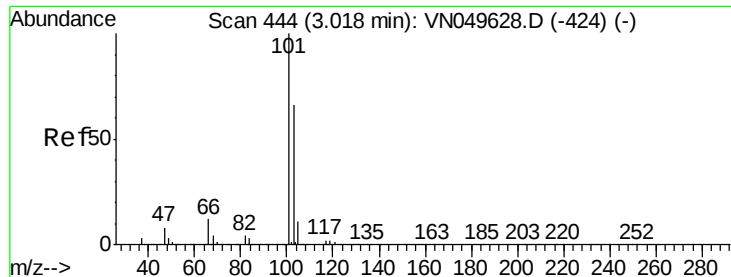
100000

50000

0

Time--> 2.60 2.70 2.80





#7

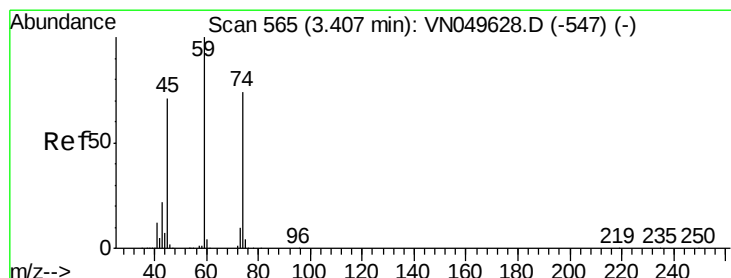
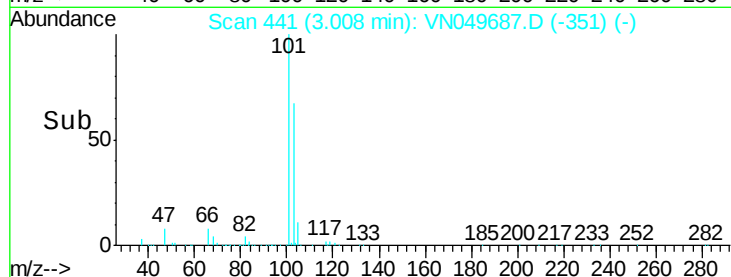
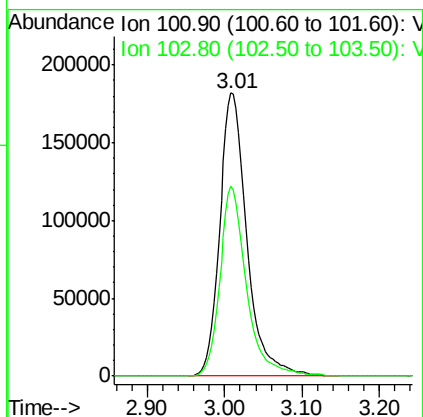
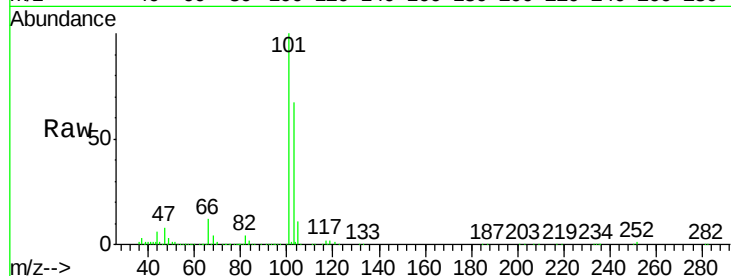
Trichlorofluoromethane
 Concen: 21.620 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.8	79.2

Manual Integrations
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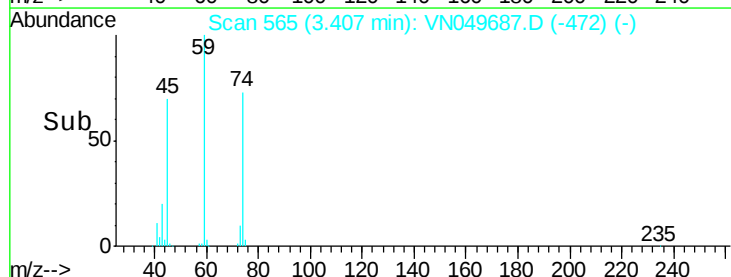
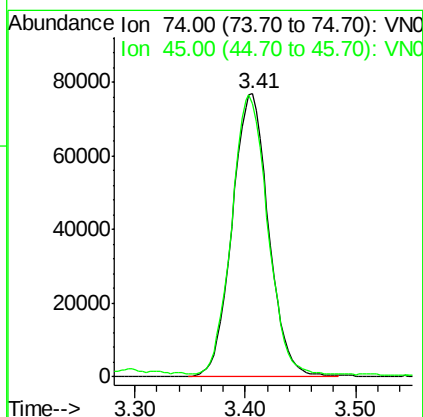
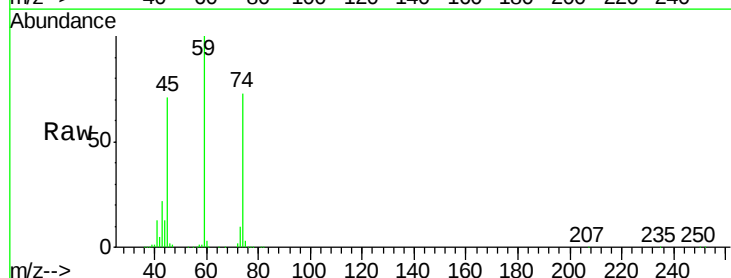
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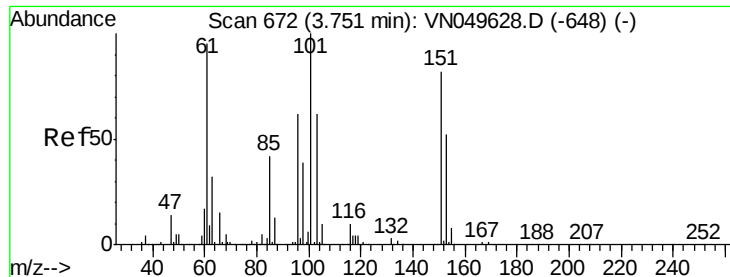


#8

Diethyl Ether
 Concen: 21.080 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.385 ug/l

RT: 3.74 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

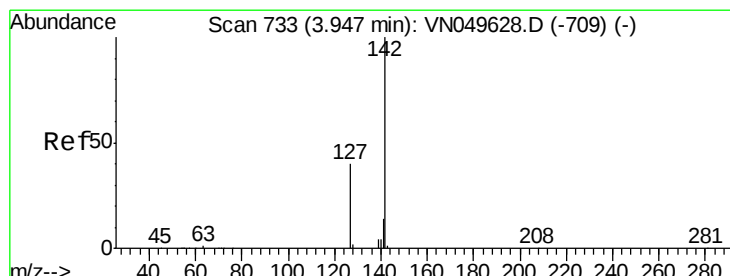
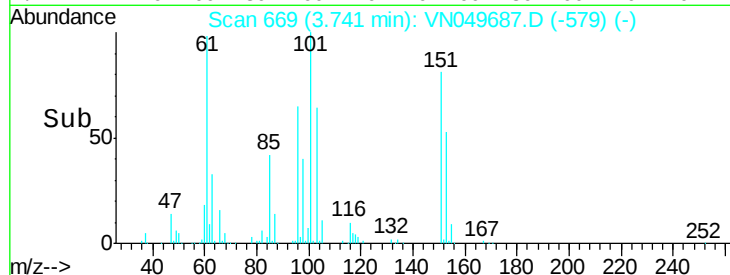
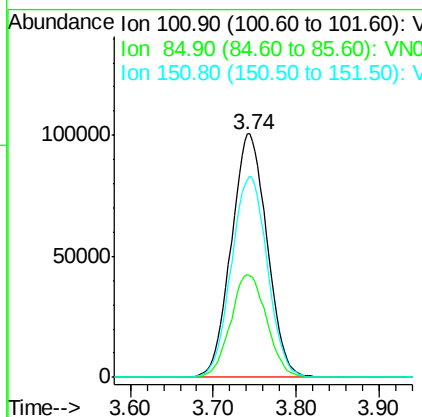
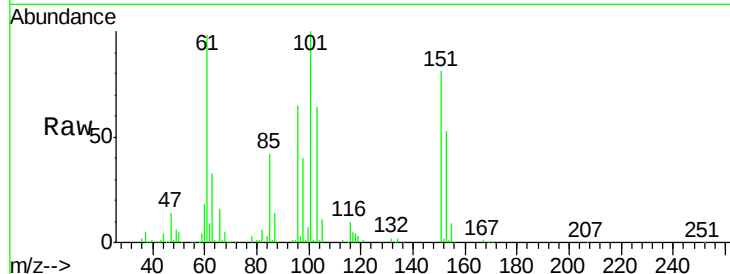
ClientSampled :

VN0703WBS01

Tot Ion:	101	Resp:	301620
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	83.0	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.207 ug/l

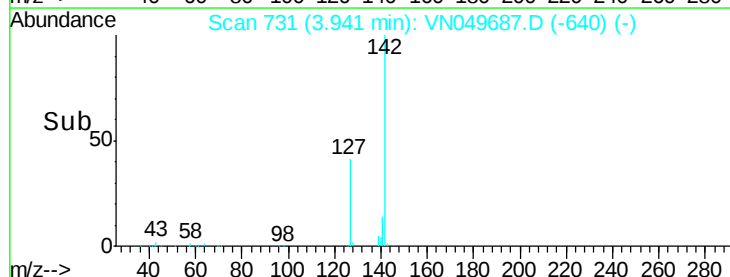
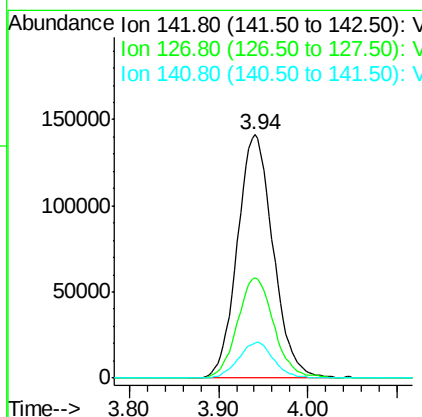
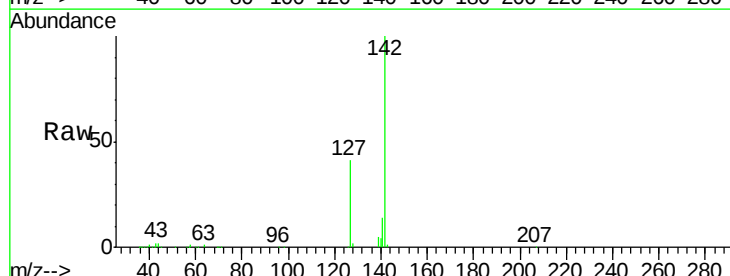
RT: 3.94 min Scan# 731

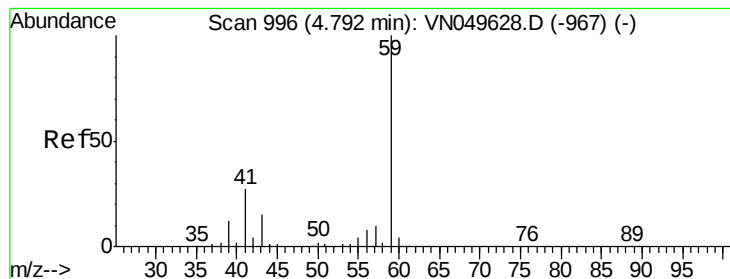
Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	142	Resp:	392702
Ion Ratio	Lower	Upper	
142	100		
127	42.1	32.5	48.7
141	14.5	11.1	16.7





#11

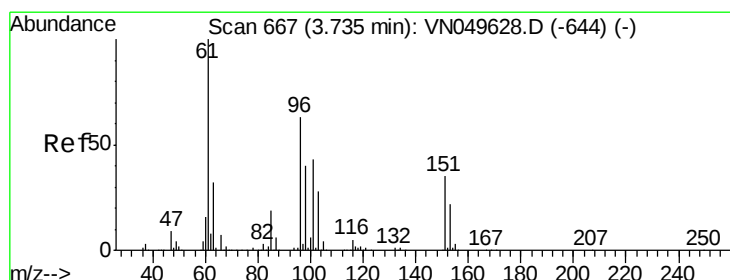
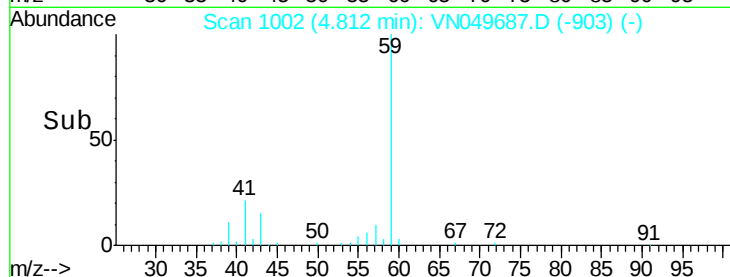
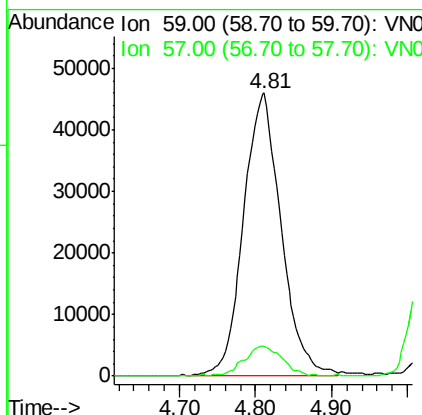
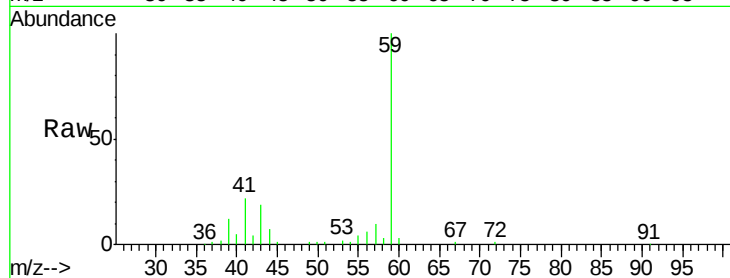
Tert butyl alcohol
 Concen: 175.791 ug/l
 RT: 4.81 min Scan# 1002
 Delta R.T. 0.02 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	59	Resp	158652
Ion Ratio	100	Lower	Upper
57	10.8	8.5	12.7

Manual Integrations
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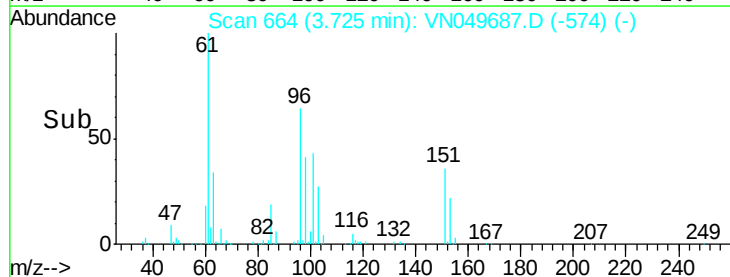
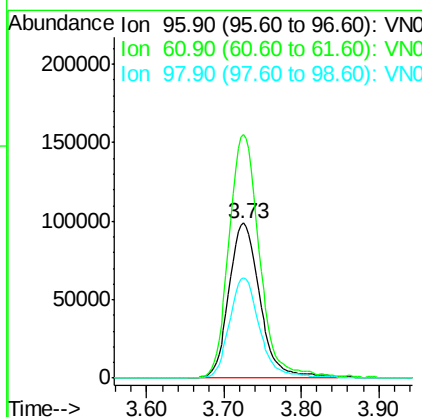
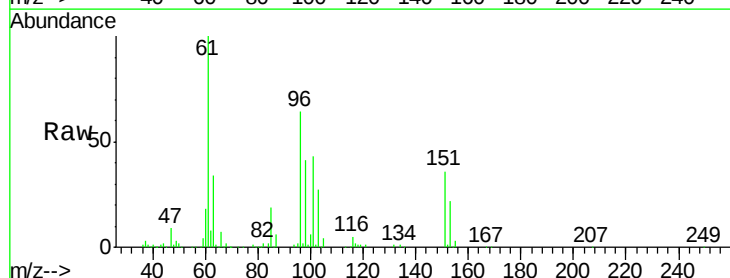
sam
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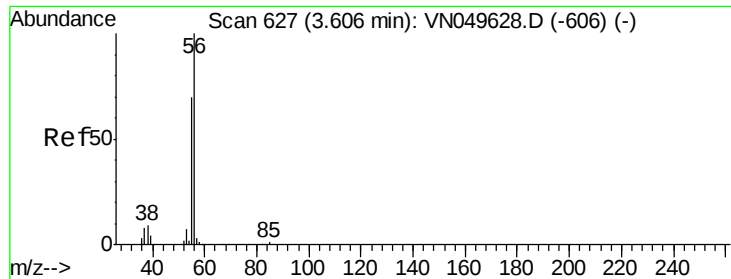


#12

1,1-Dichloroethene
 Concen: 19.724 ug/l
 RT: 3.73 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	96	Resp	275894
Ion Ratio	100	Lower	Upper
61	157.3	126.5	189.7
98	64.7	51.0	76.6





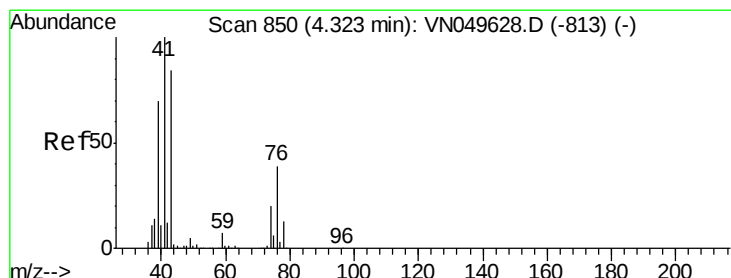
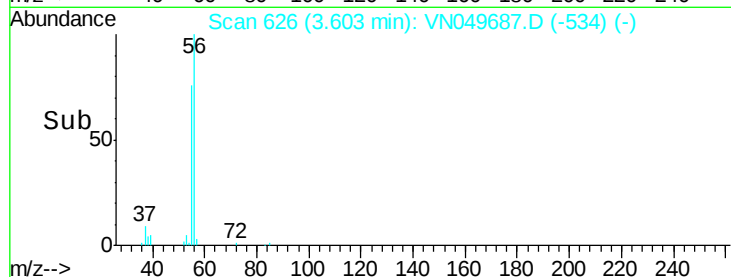
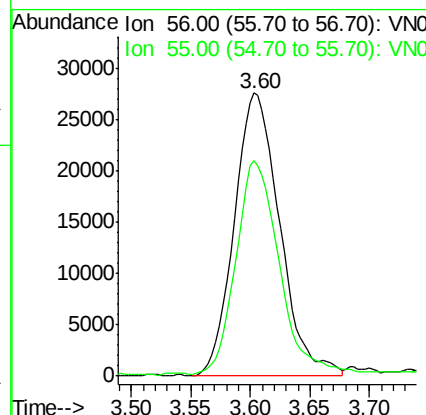
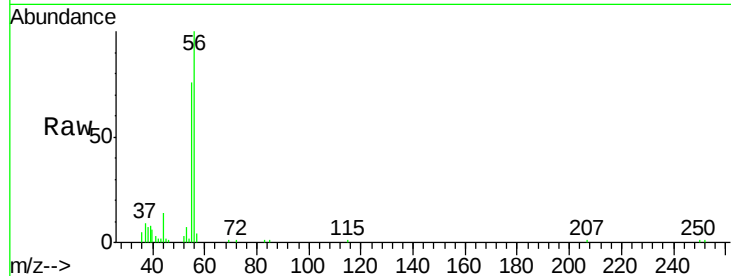
#13
 Acrolein
 Concen: 86.768 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	55.8	83.8

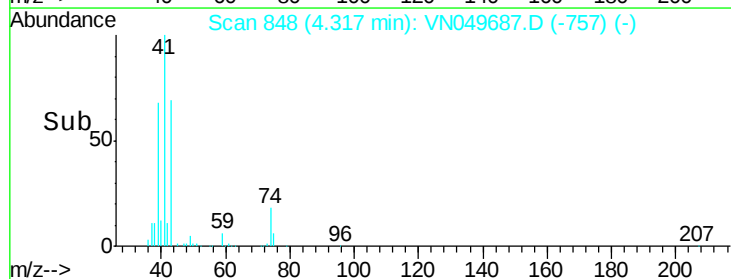
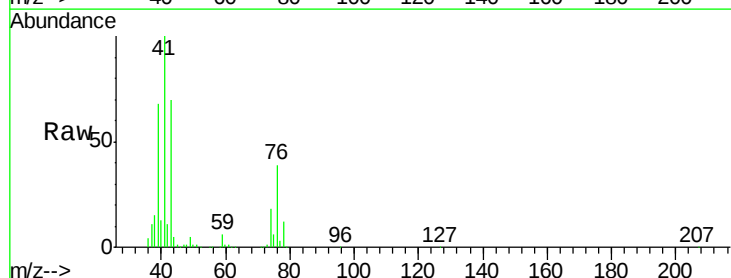
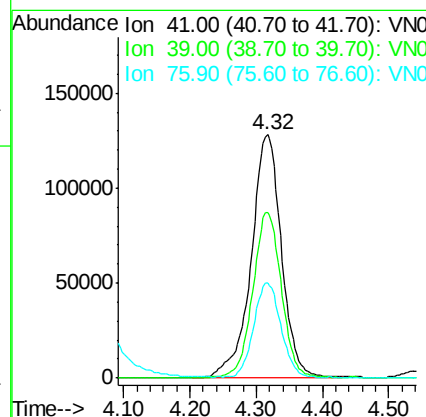
Manual Integrations
 APPROVED

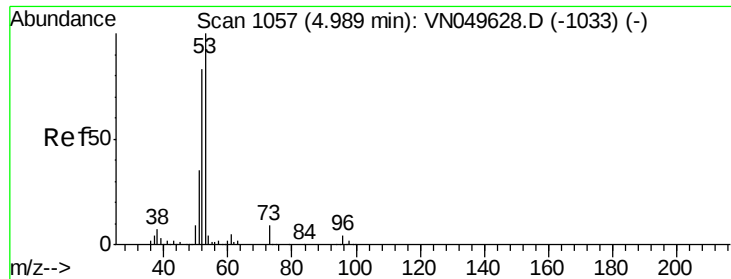
sam
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#14
 Allyl chloride
 Concen: 21.115 ug/l
 RT: 4.32 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	53.2	79.8
76	34.7	29.0	43.6





#15

Acrylonitrile

Concen: 128.644 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

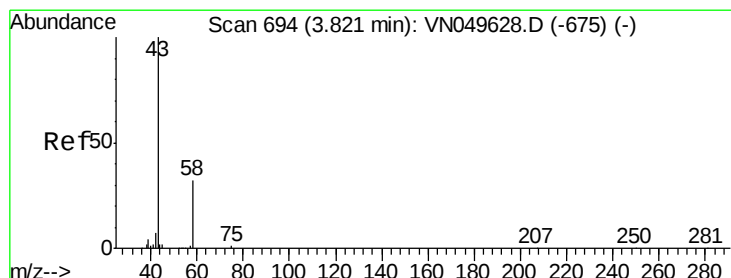
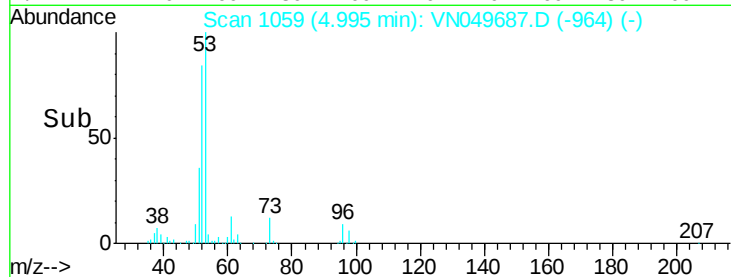
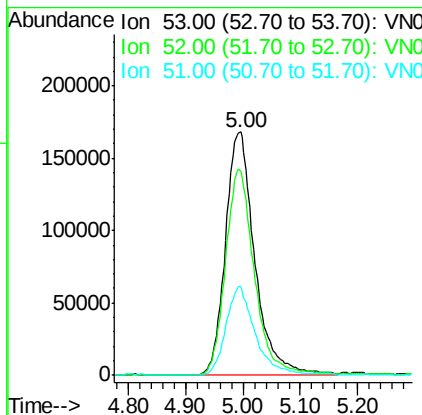
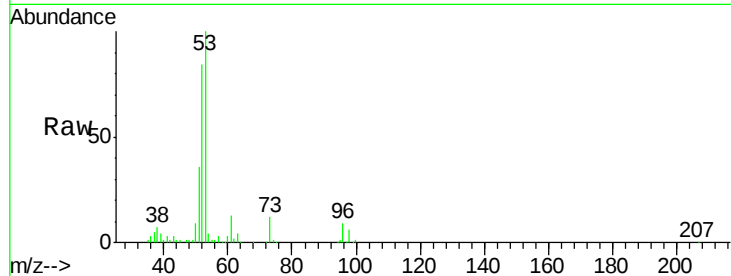
ClientSampled :

VN0703WBS01

Tot Ion:	53	Resp:	599648
Ion Ratio	Lower	Upper	
53	100		
52	82.3	64.8	97.2
51	36.1	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 149.060 ug/l

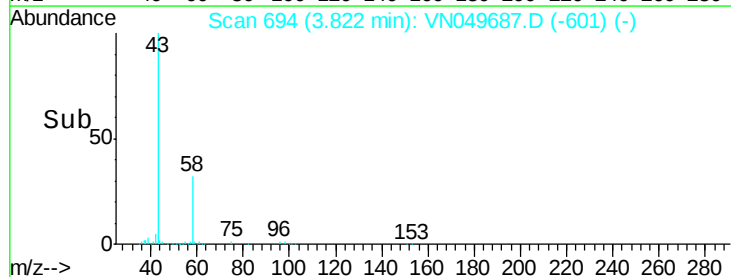
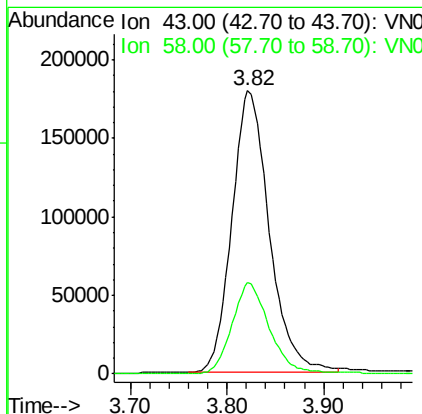
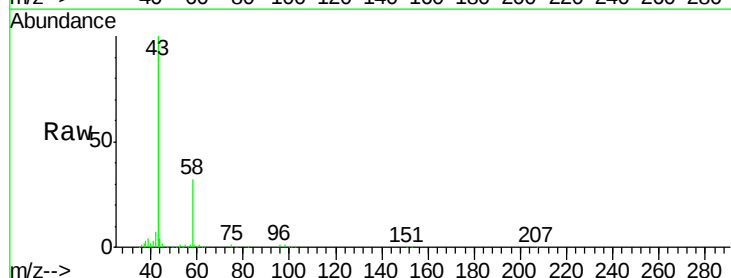
RT: 3.82 min Scan# 694

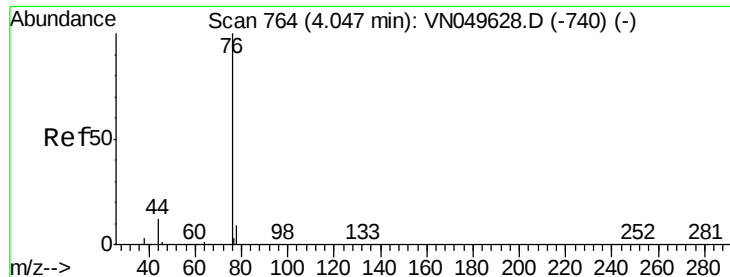
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	43	Resp:	480996
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.9	38.9





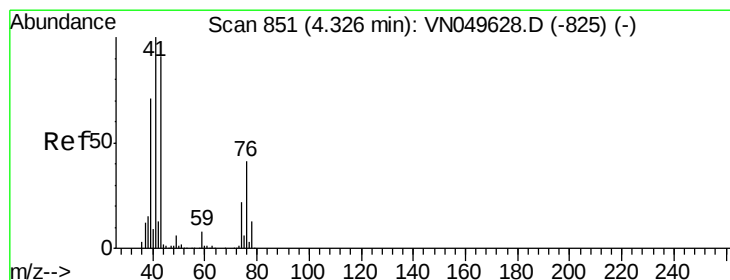
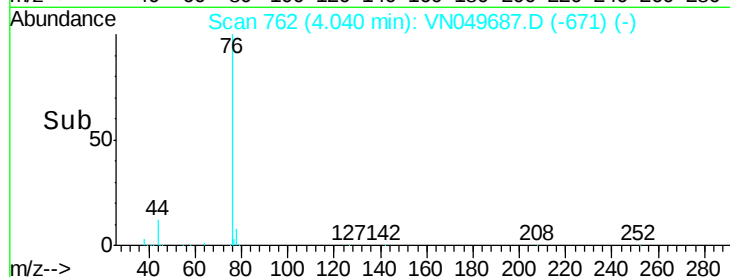
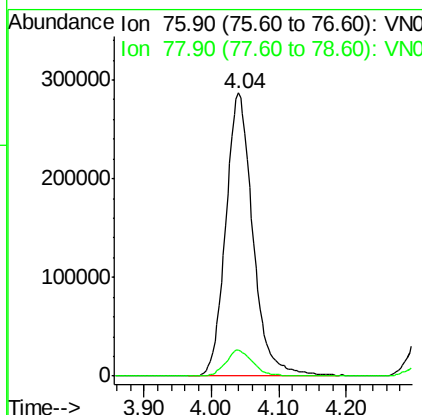
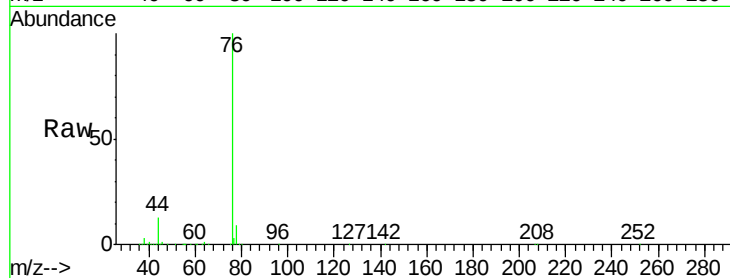
#17
Carbon Disulfide
Concen: 20.714 ug/l
RT: 4.04 min Scan# 762
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

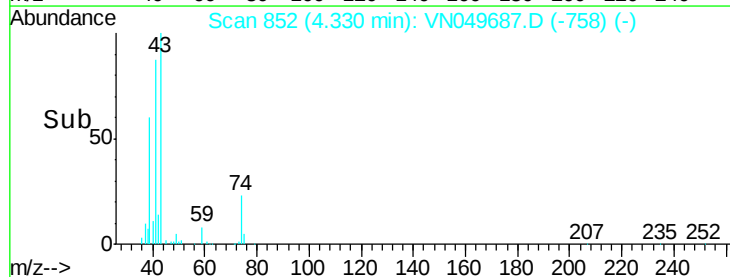
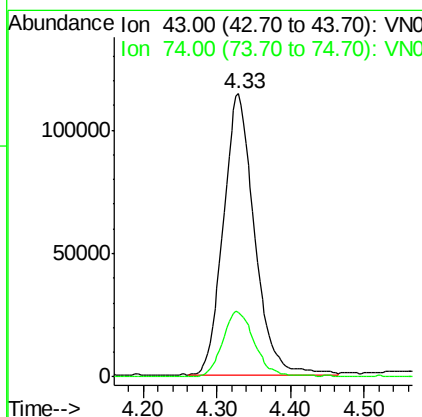
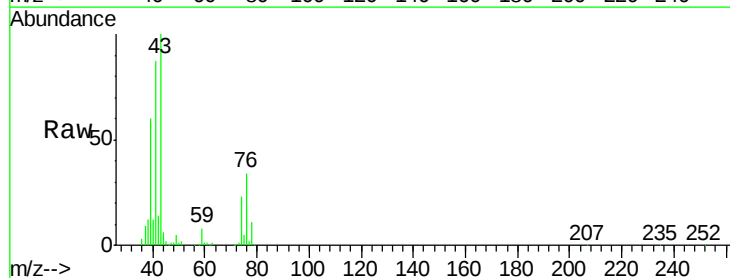
Manual Integrations
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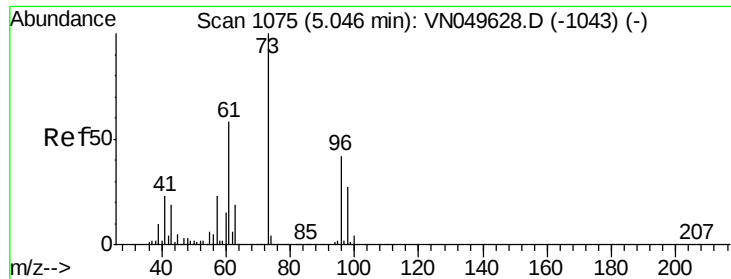
sam
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#18
Methyl Acetate
Concen: 20.773 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.8	29.8





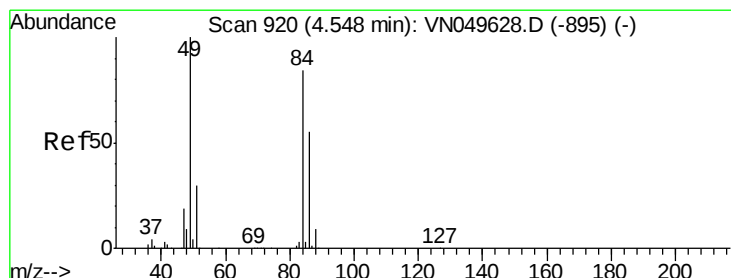
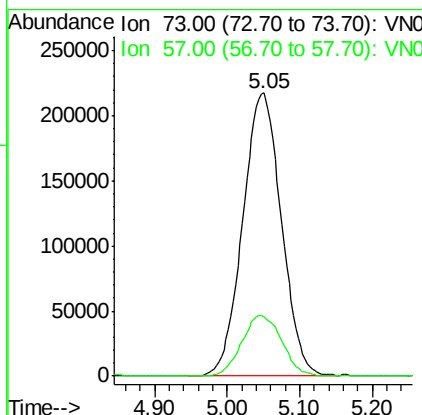
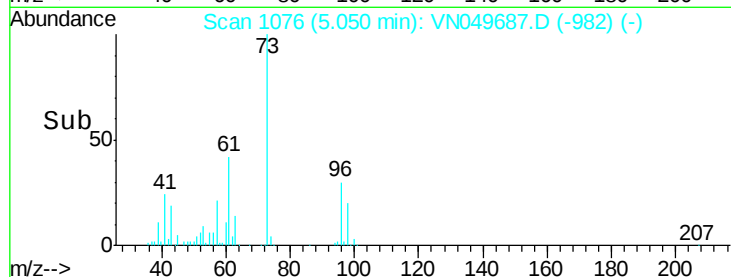
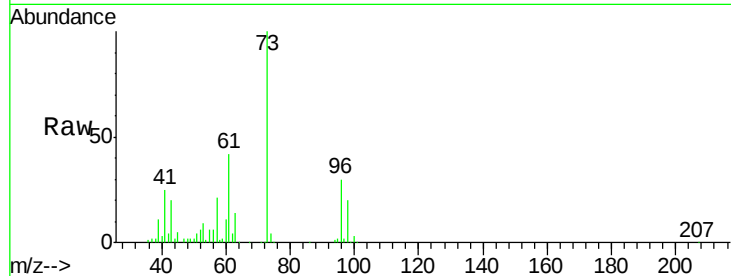
#19
Methyl tert-butyl Ether
Concen: 22.374 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion: 73 Resp: 806802
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1

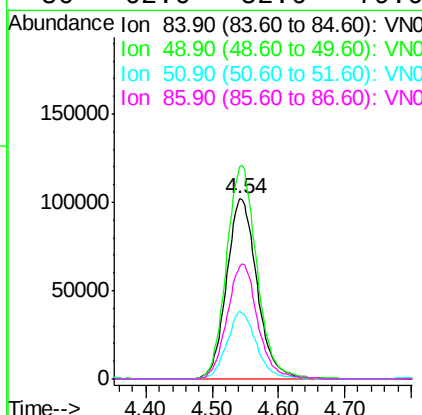
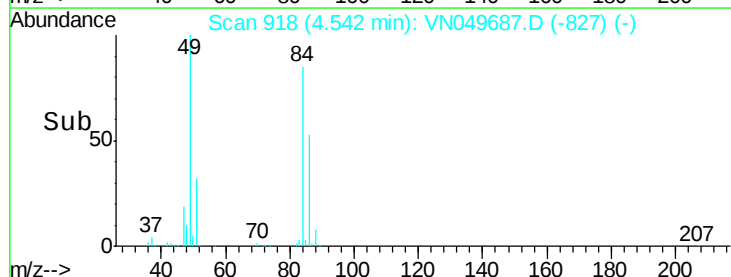
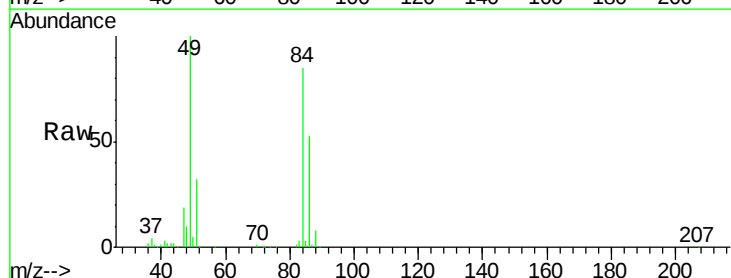
Manual Integrations
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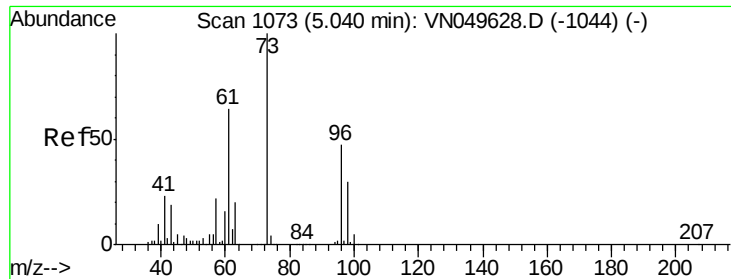
sam
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#20
Methylene Chloride
Concen: 20.166 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 84 Resp: 326598
Ion Ratio Lower Upper
84 100
49 118.1 95.4 143.2
51 37.4 28.4 42.6
86 62.6 52.6 79.0





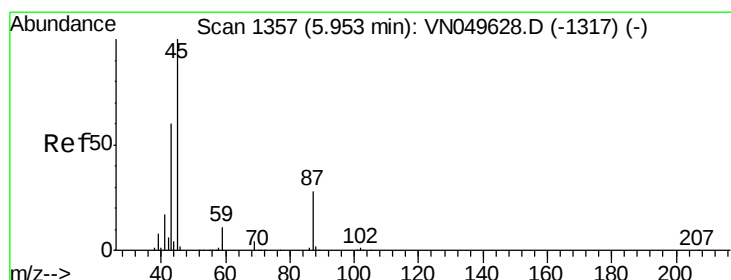
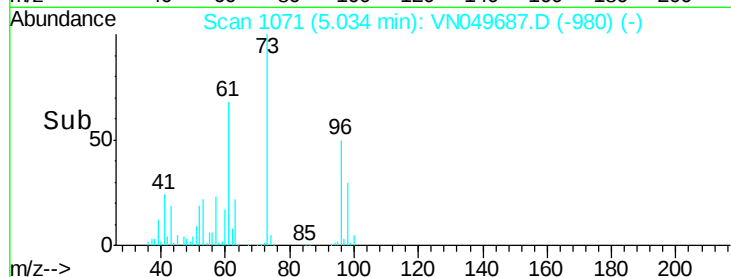
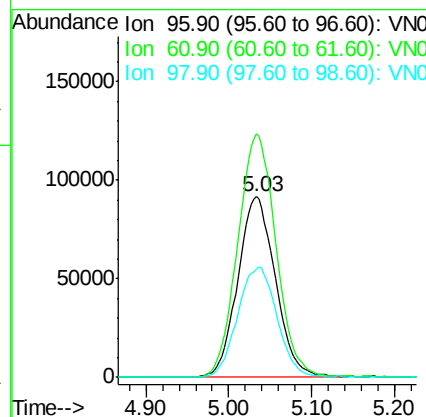
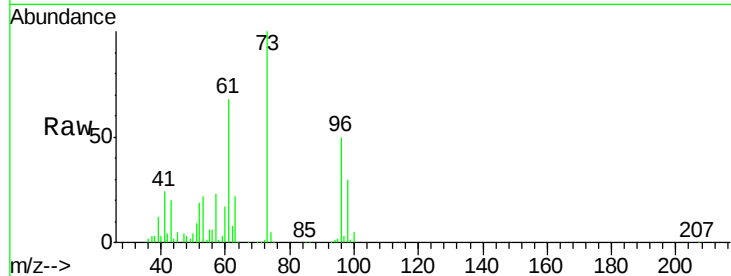
#21
trans-1,2-Dichloroethene
Concen: 20.114 ug/l
RT: 5.03 min Scan# 1071
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	109.0	163.6
98	59.8	51.1	76.7

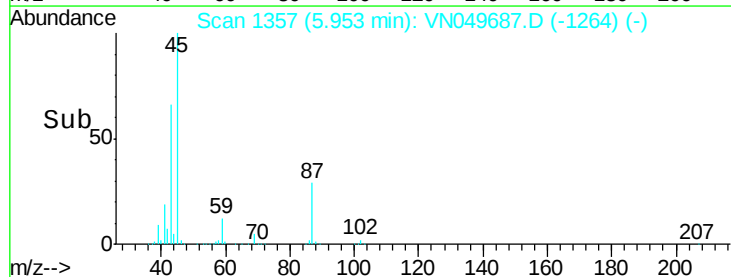
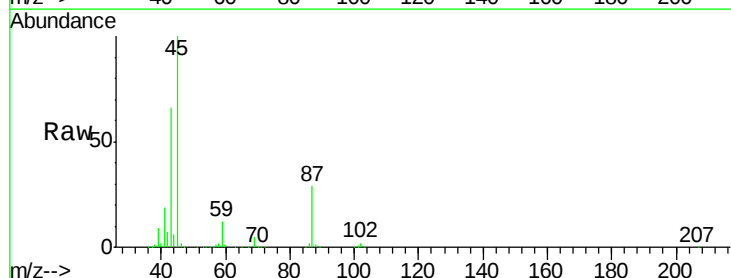
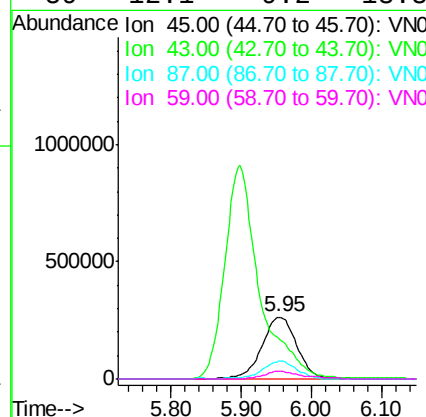
Manual Integrations
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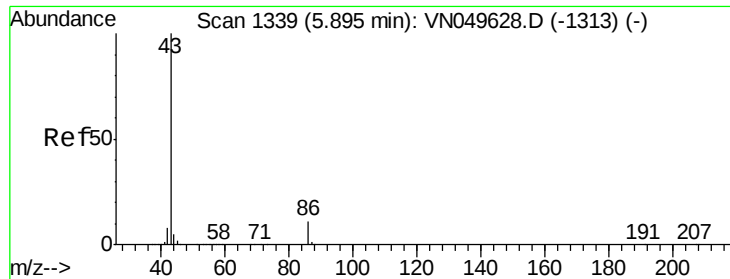
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#22
Diisopropyl ether
Concen: 20.992 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.1	48.1	72.1
87	29.0	22.6	34.0
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 111.210 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion: 43 Resp: 3135003

Ion Ratio Lower Upper

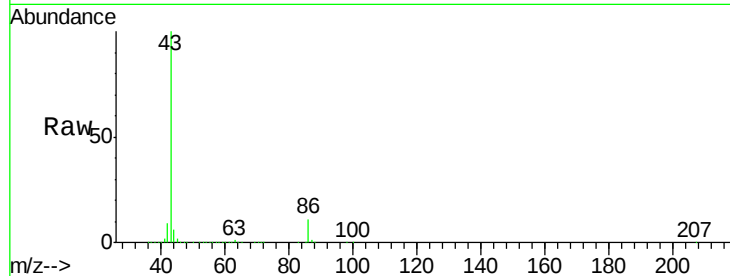
43 100

86 10.6 8.4 12.6

Manual Integrations
APPROVED

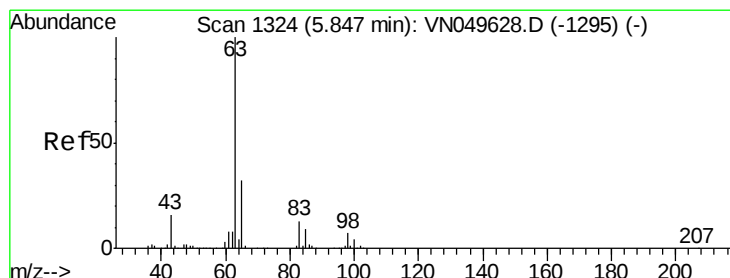
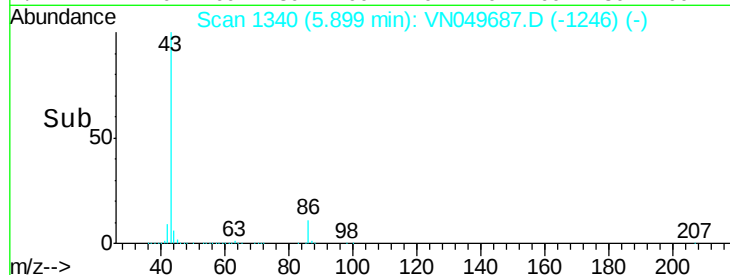
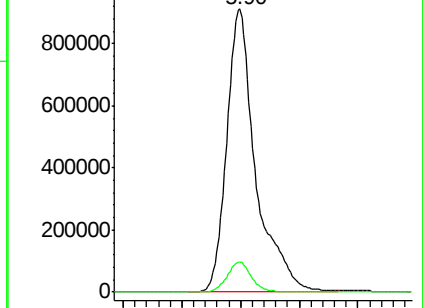
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.203 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

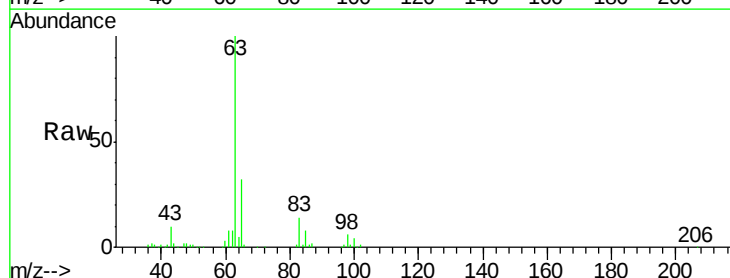
Tgt Ion: 63 Resp: 553288

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

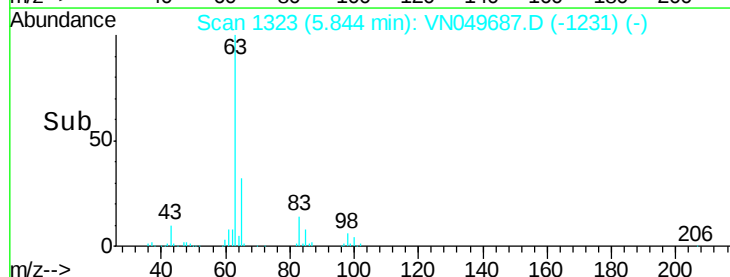
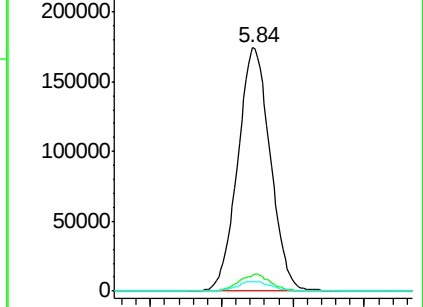
100 4.0 2.2 6.6

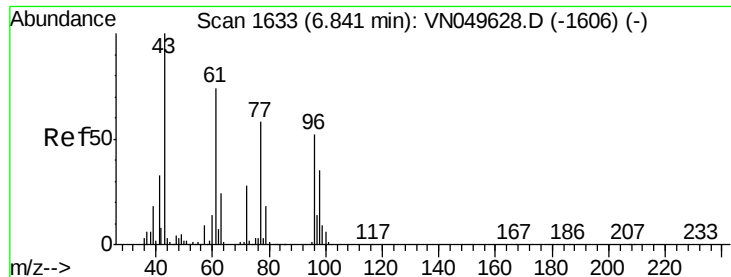


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





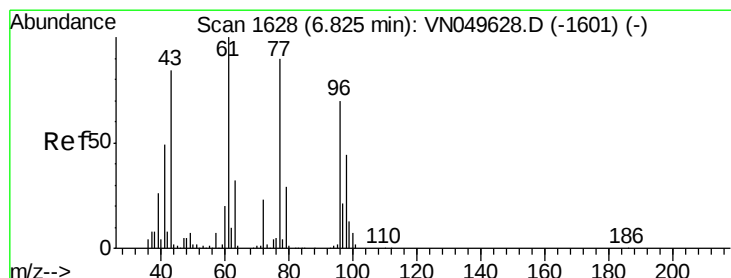
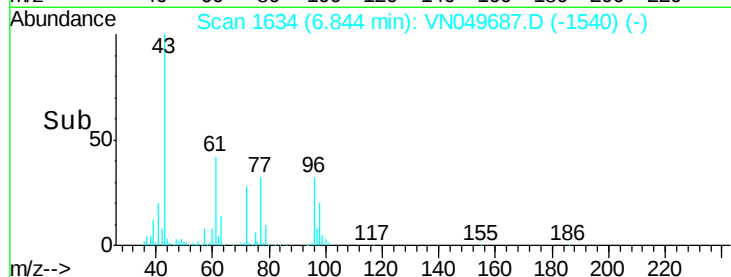
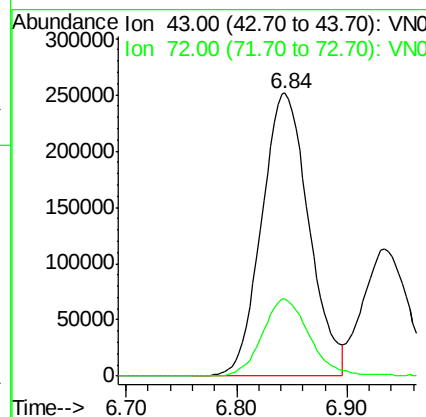
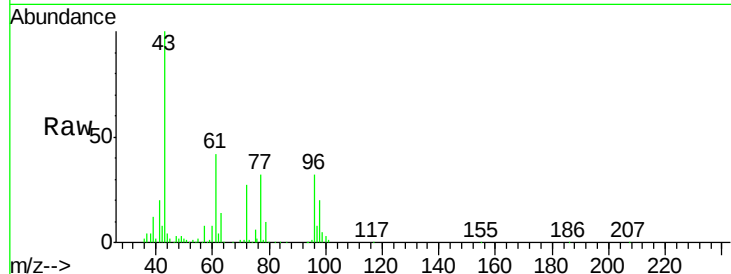
#25
2-Butanone
Concen: 142.139 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion: 43 Resp: 742137
Ion Ratio Lower Upper
43 100
72 27.5 22.1 33.1

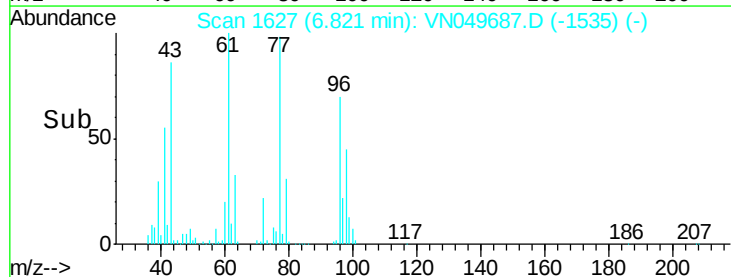
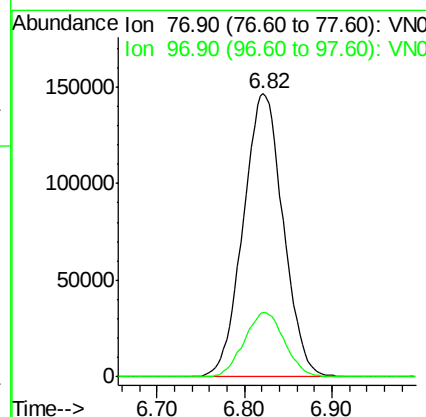
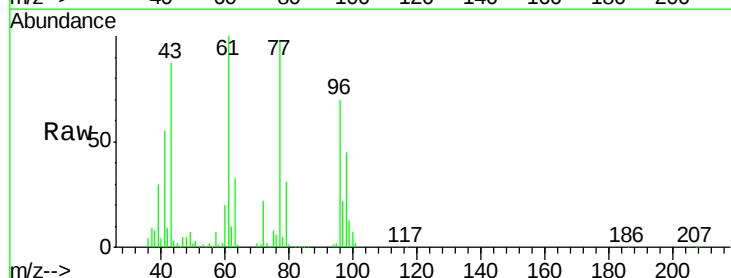
Manual Integrations
APPROVED

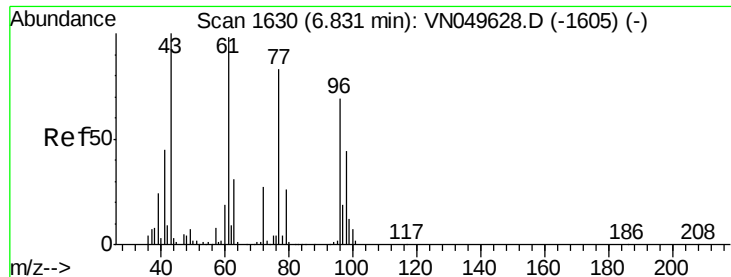
sam
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#26
2,2-Dichloropropane
Concen: 20.400 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 77 Resp: 463998
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.5





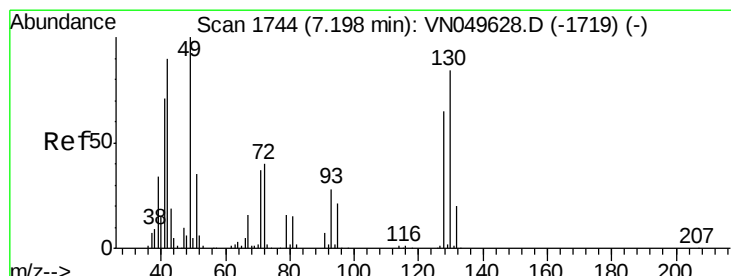
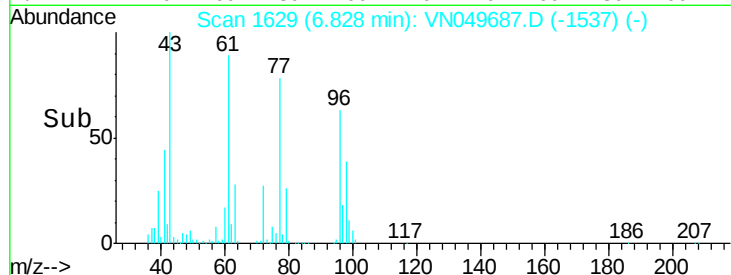
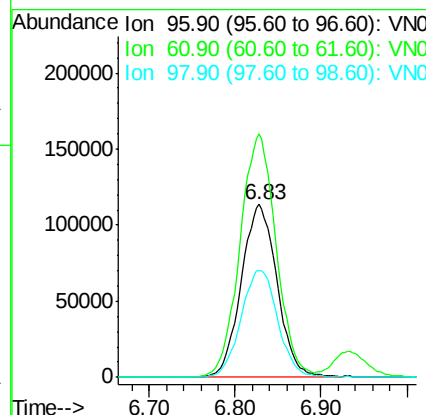
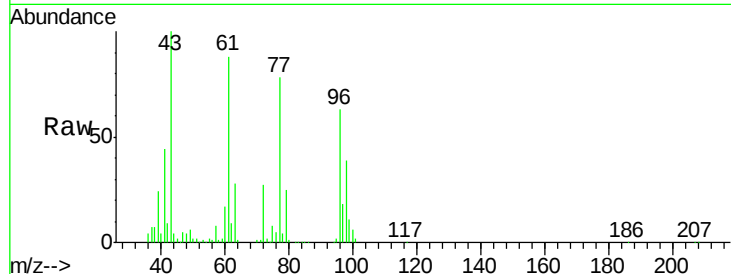
#27
 cis-1,2-Dichloroethene
 Concen: 20.507 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	329780		
61	141.6	0.0	289.0	
98	63.4	0.0	130.2	

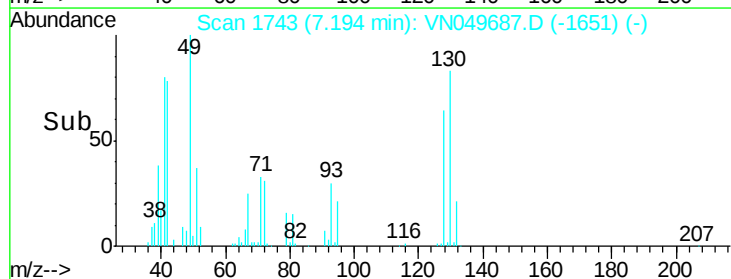
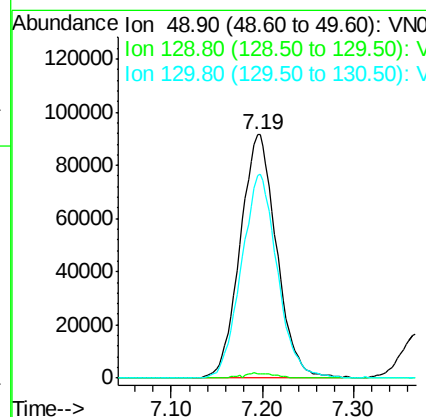
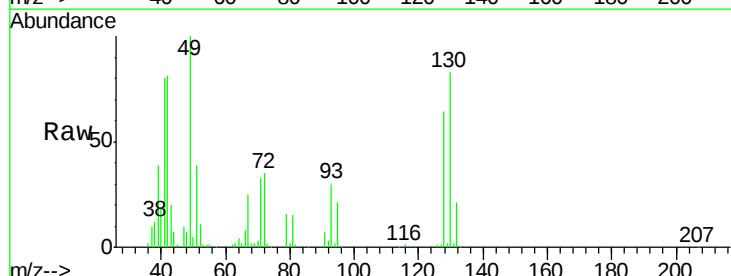
Manual Integrations
 APPROVED

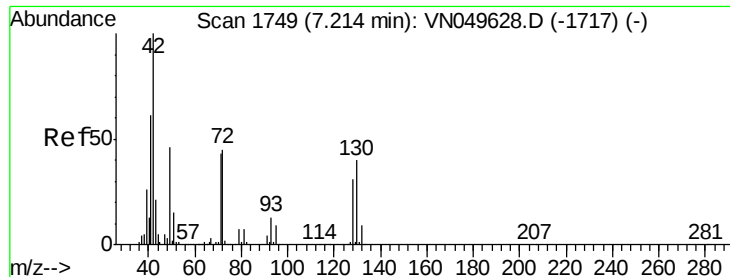
sam
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#28
 Bromochloromethane
 Concen: 21.876 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	254263		
129	1.7	0.0	4.2	
130	83.0	65.5	98.3	





#29

Tetrahydrofuran

Concen: 141.174 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

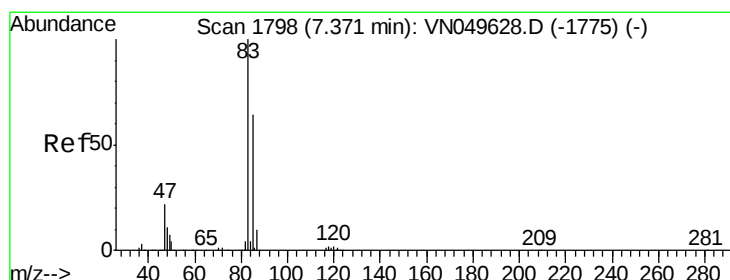
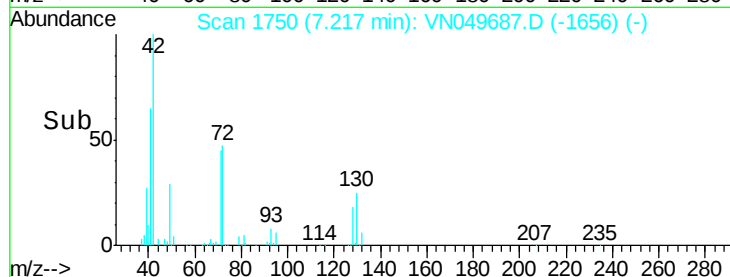
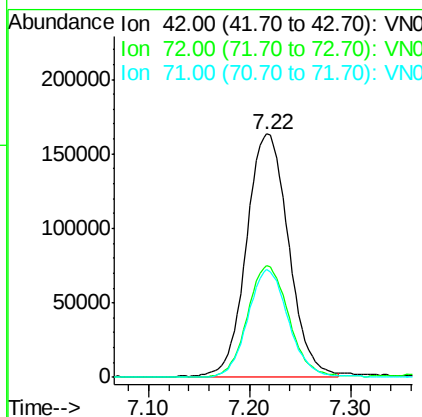
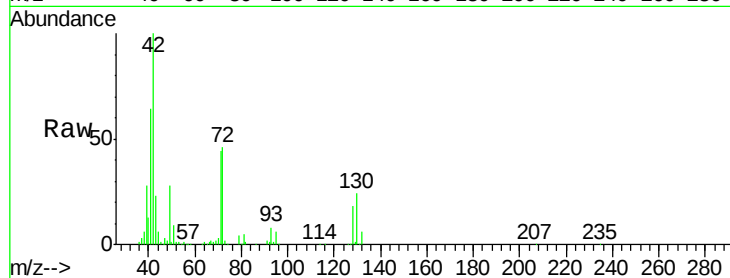
ClientSampled :

VN0703WBS01

Tot Ion:	42	Resp:	469799
Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.6	53.4
71	43.0	34.0	51.0

Manual Integrations
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#30

Chloroform

Concen: 20.236 ug/l

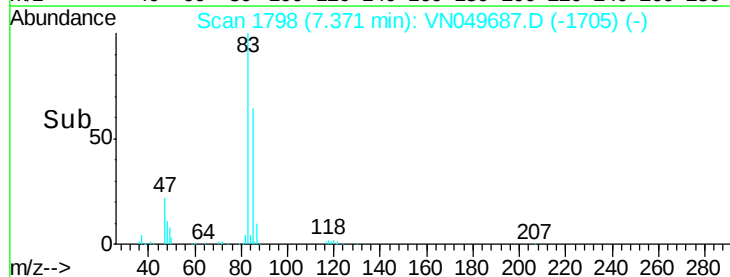
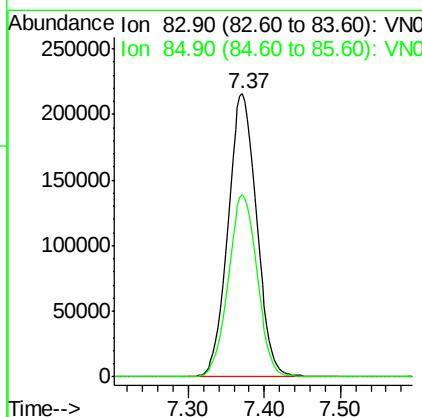
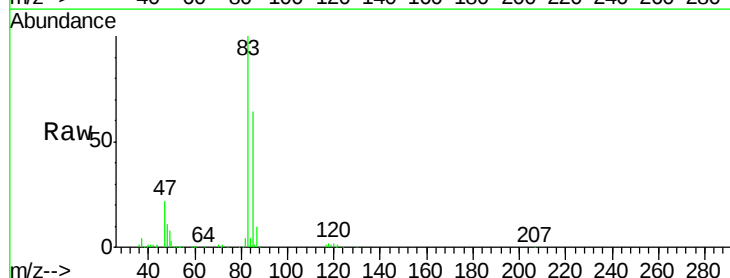
RT: 7.37 min Scan# 1798

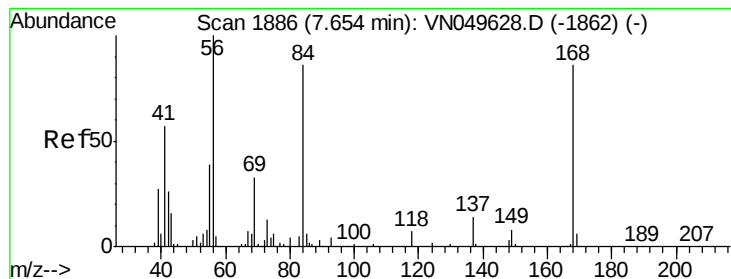
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	83	Resp:	564918
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 20.019 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion: 56 Resp: 480385

Ion Ratio Lower Upper

56 100

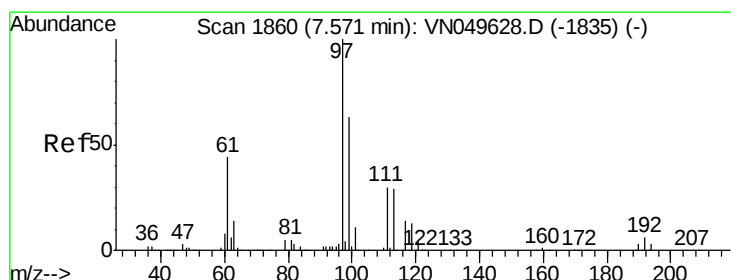
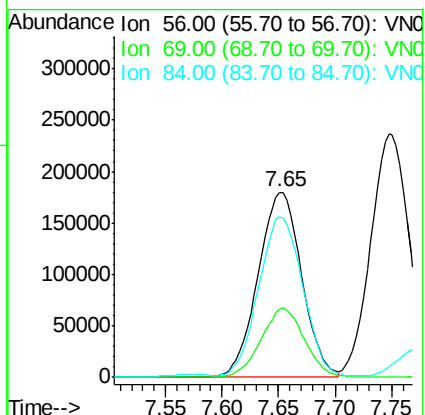
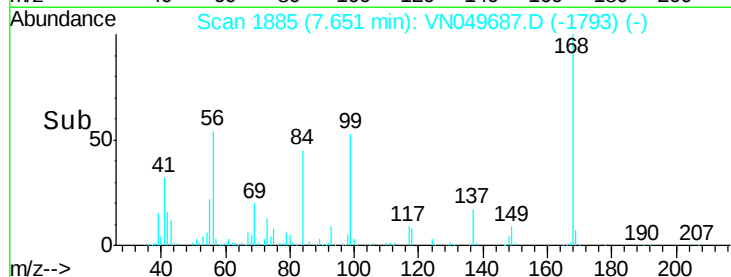
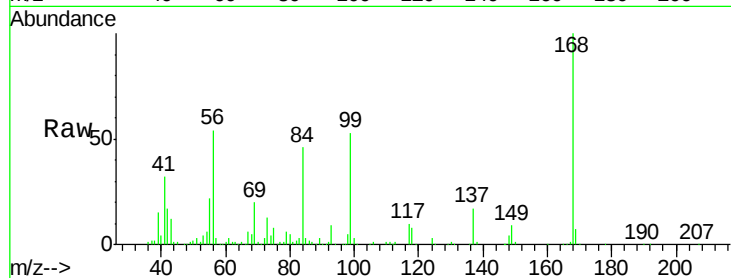
69 36.9 26.6 40.0

84 84.9 69.0 103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.138 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

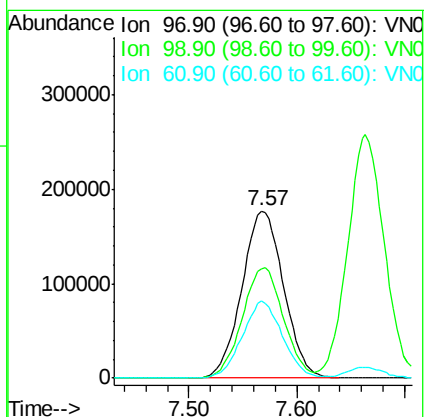
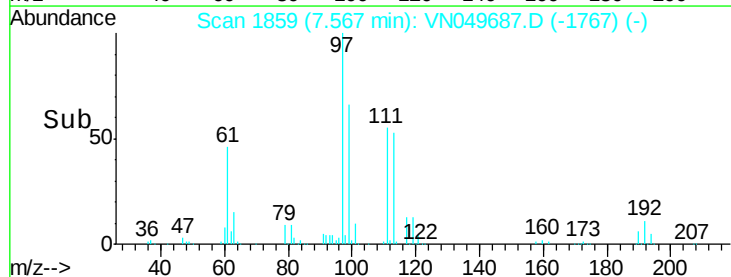
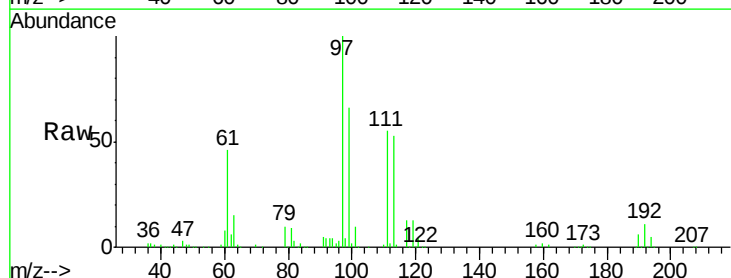
Tgt Ion: 97 Resp: 475971

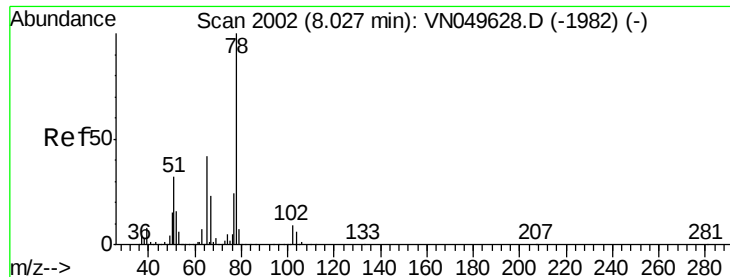
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 44.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.309 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion: 65 Resp: 759774

Ion Ratio Lower Upper

65 100

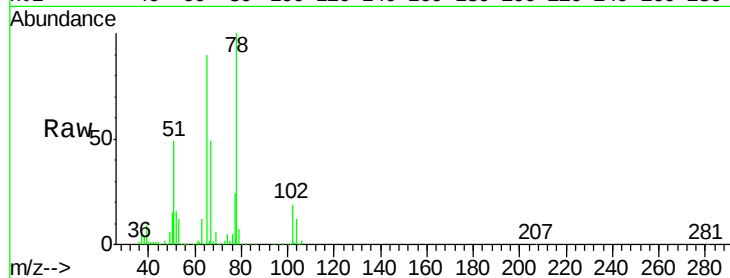
67 54.3 0.0 107.2

Manual Integrations

APPROVED

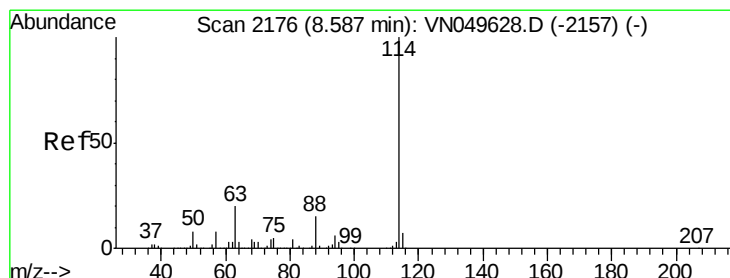
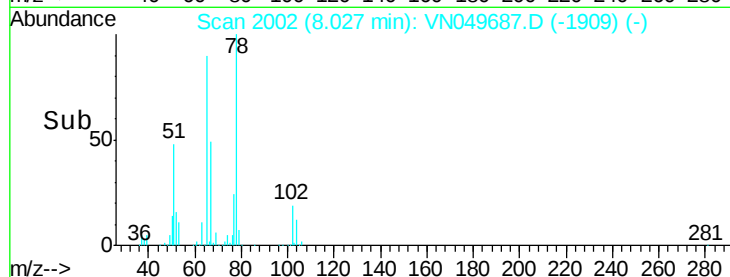
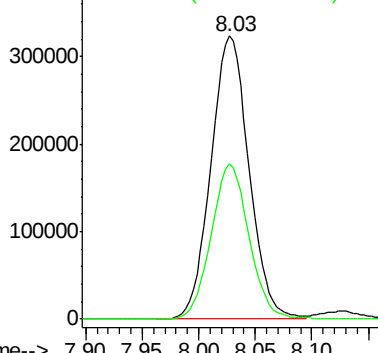
sam

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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

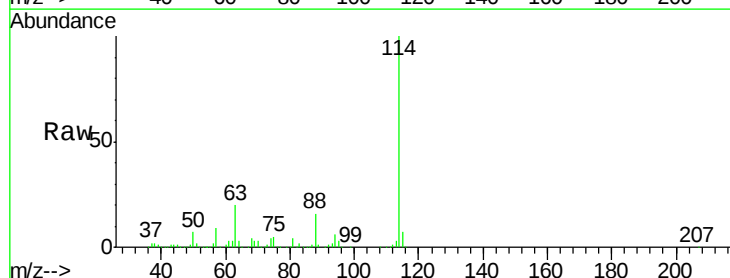
Tgt Ion: 114 Resp: 1745998

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

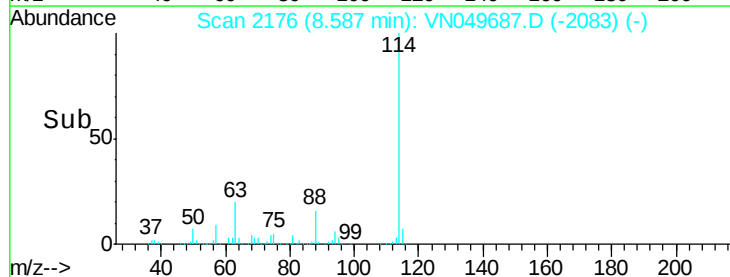
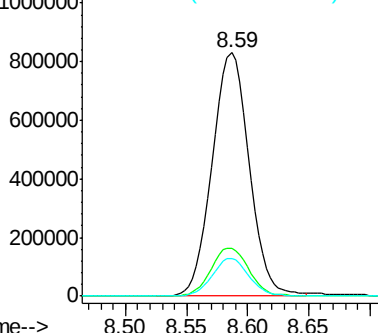
88 15.5 0.0 30.6

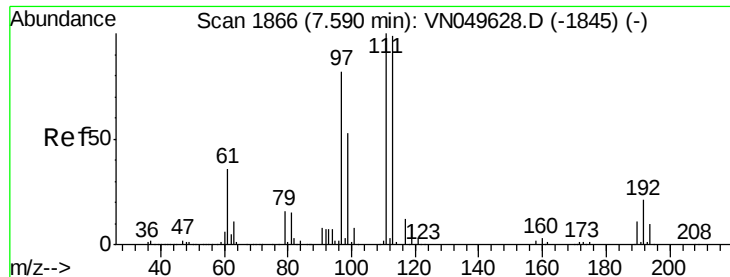


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





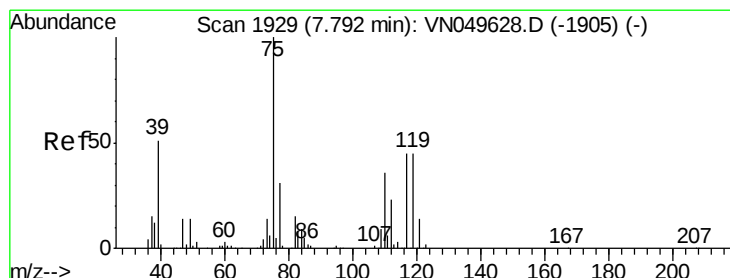
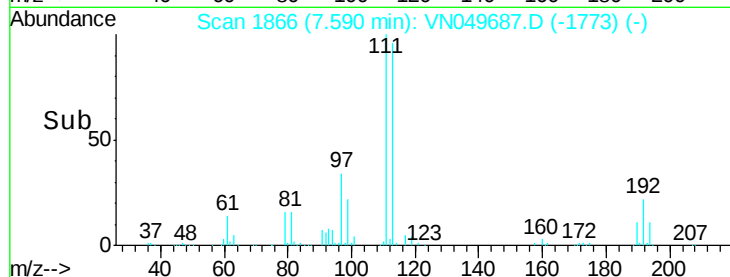
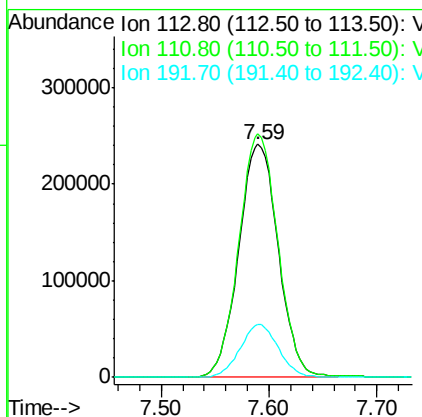
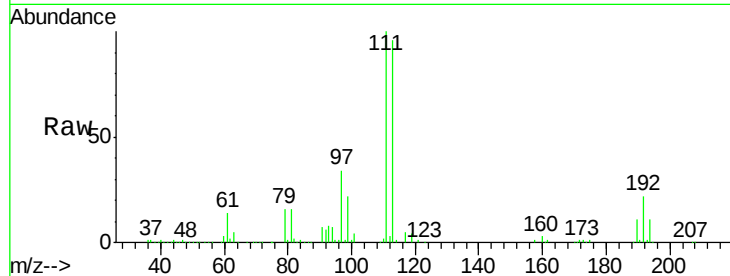
#35
 Dibromofluoromethane
 Concen: 47.226 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	22.2	17.8	26.6

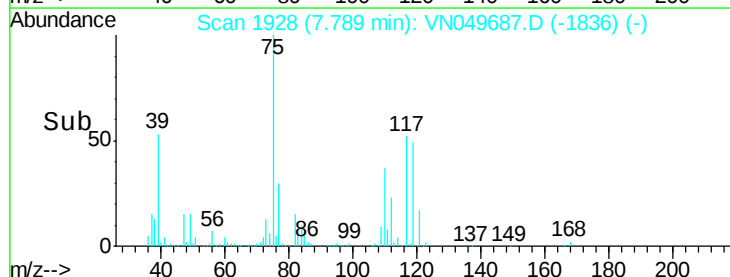
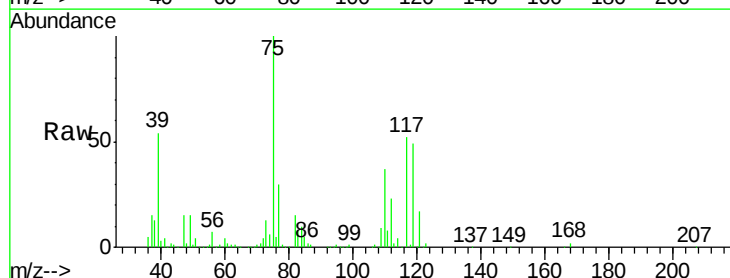
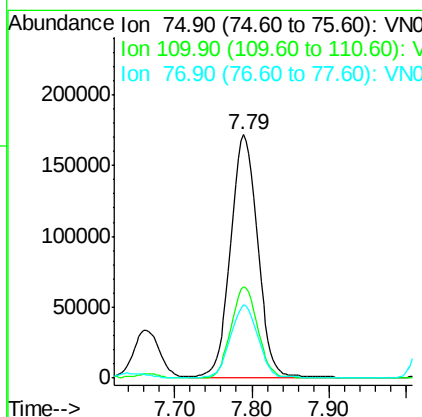
Manual Integrations
 APPROVED

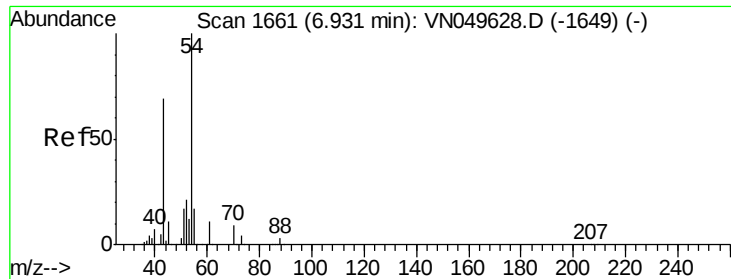
sam
 7/5/2018 2:26:39 PM



#36
 1,1-Dichloropropene
 Concen: 21.097 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.4
77	30.4	24.9	37.3





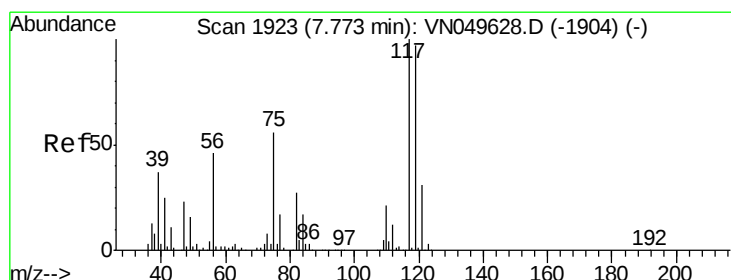
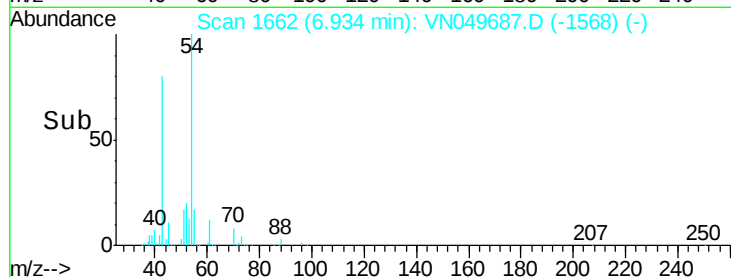
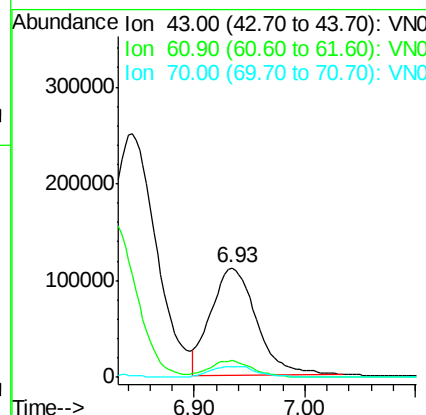
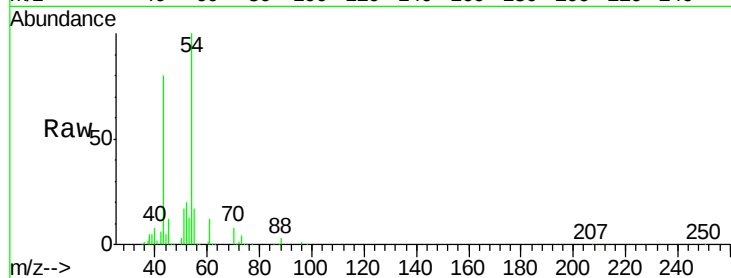
#37
Ethyl Acetate
Concen: 28.001 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	10.1	8.4	12.6

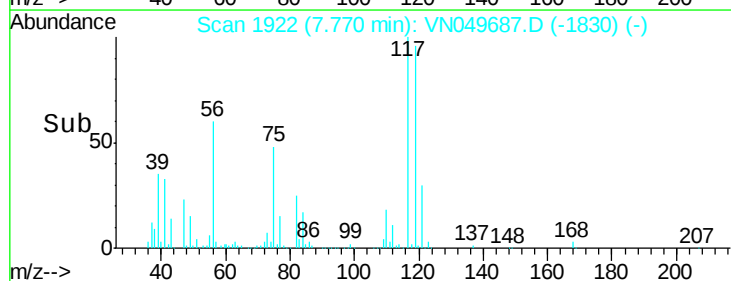
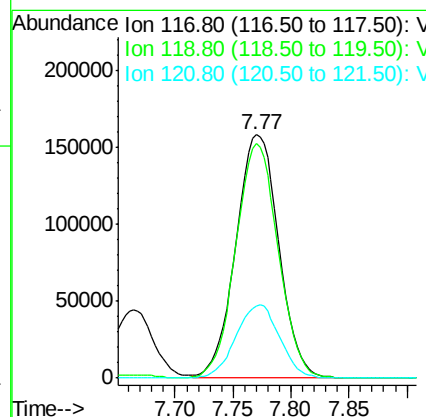
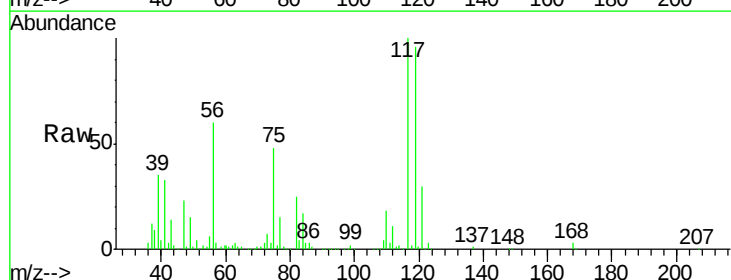
Manual Integrations
APPROVED

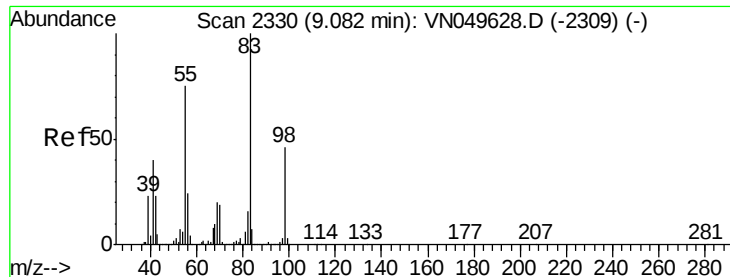
sam
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#38
Carbon Tetrachloride
Concen: 21.277 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	29.8	25.0	37.6





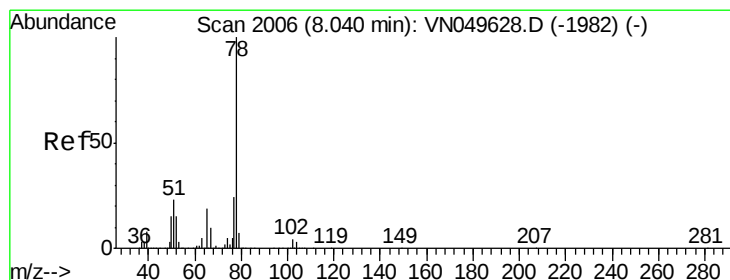
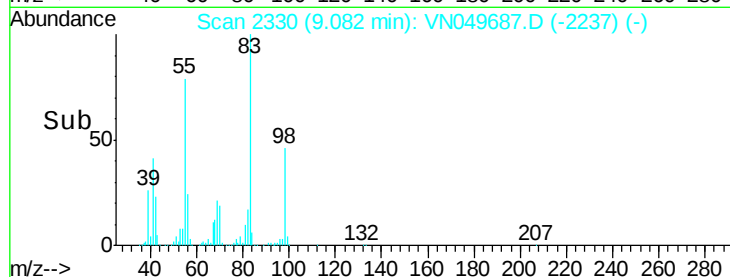
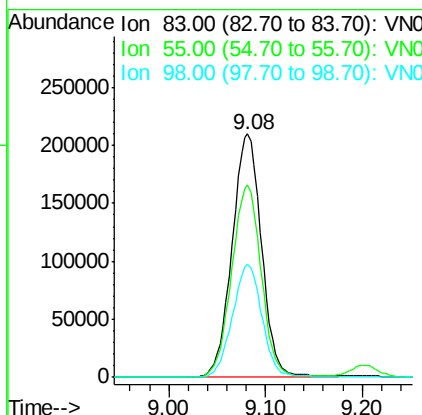
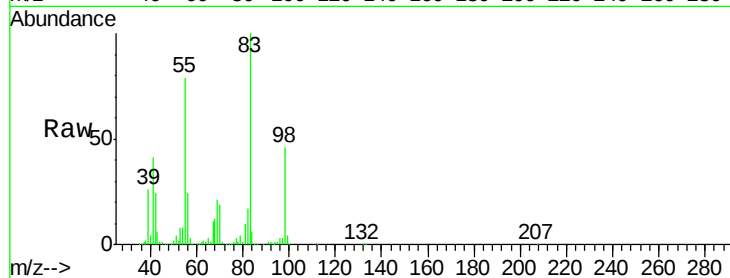
#39
Methvlcvclohexane
Concen: 20.663 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	59.7	89.5
98	46.2	36.5	54.7

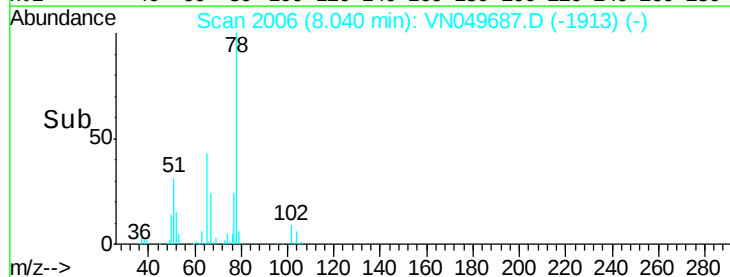
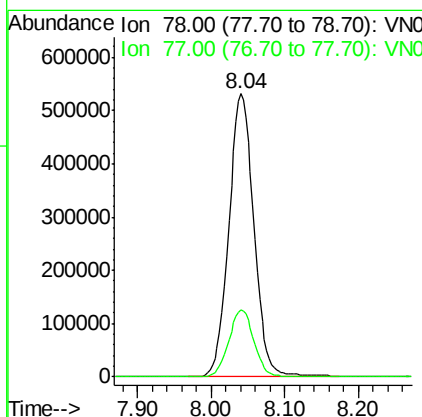
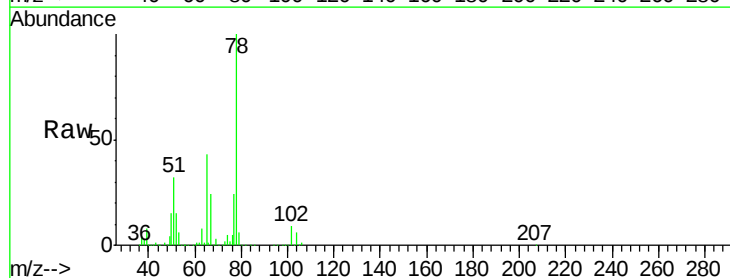
Manual Integrations
APPROVED

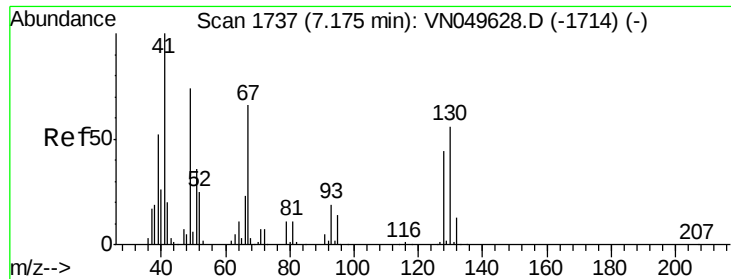
sam
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#40
Benzene
Concen: 20.942 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





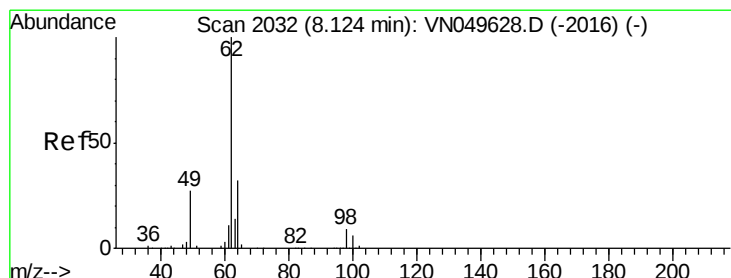
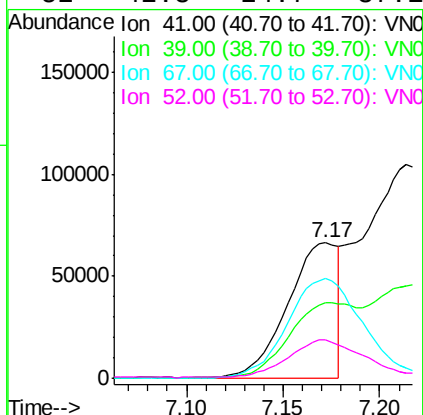
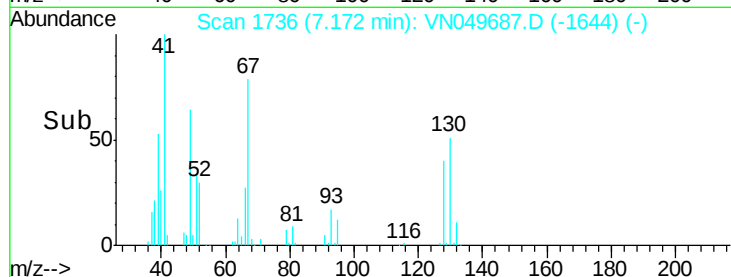
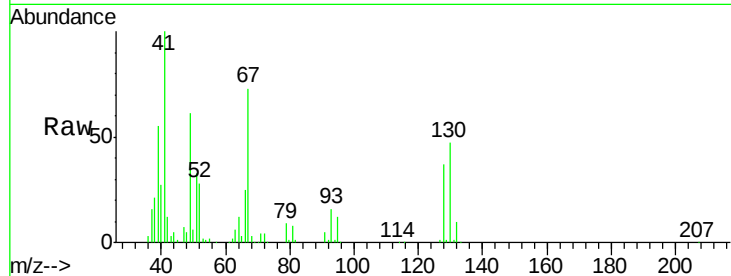
#41
Methacrylonitrile
Concen: 18.505 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.4	45.4	68.2#
67	113.8	65.4	98.0#
52	42.8	24.7	37.1#

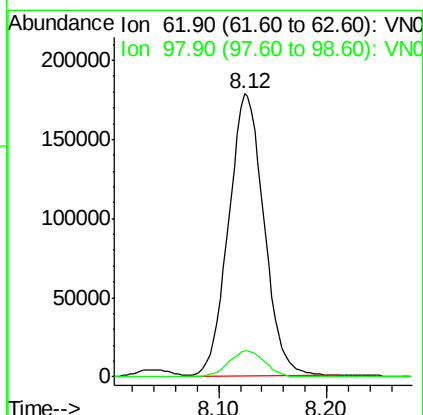
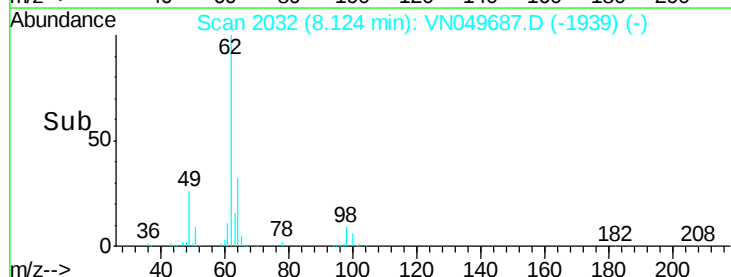
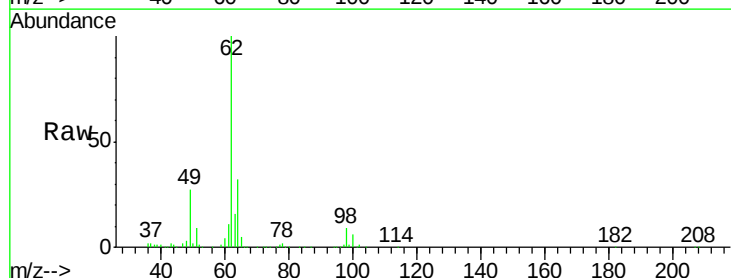
Manual Integrations
APPROVED

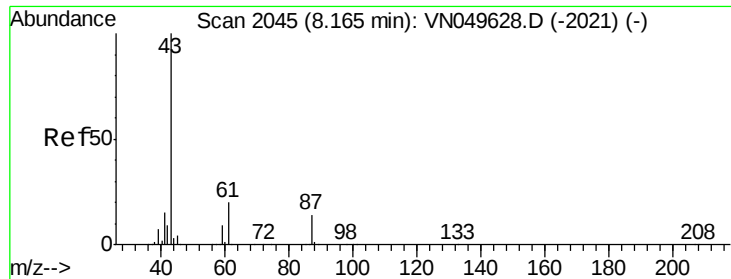
sam
7/5/2018 2:26:39 PM



#42
1,2-Dichloroethane
Concen: 21.308 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 25.524 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

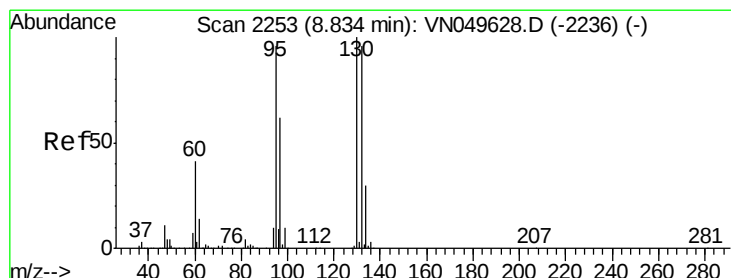
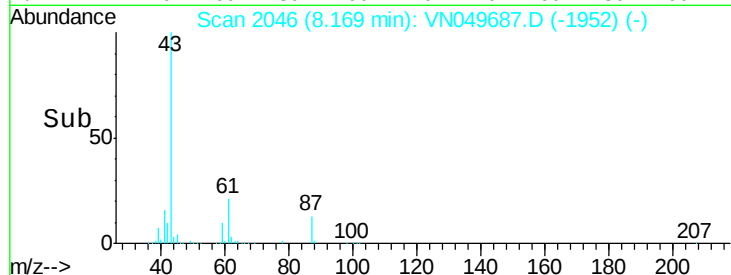
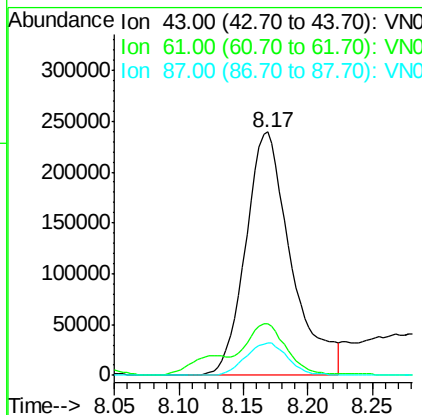
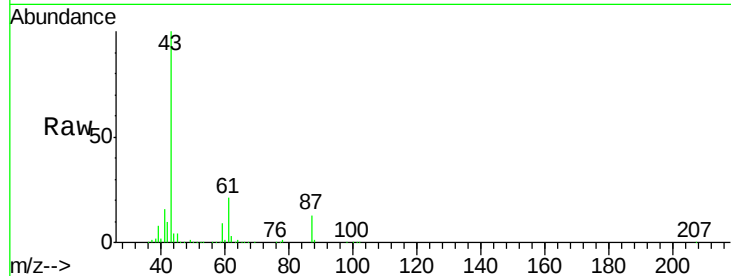
ClientSampleId :

VN0703WBS01

Tot Ion:	43	Resp:	587111
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	12.3	10.0	15.0

Manual Integrations
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Sam
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#44

Trichloroethene

Concen: 19.745 ug/l

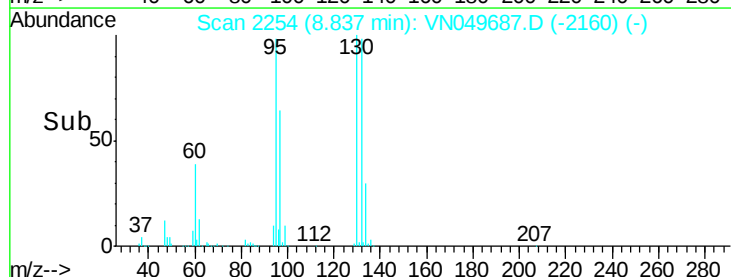
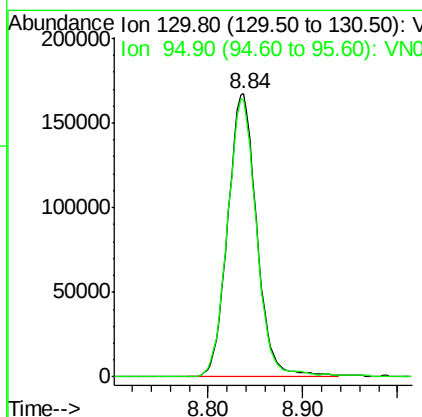
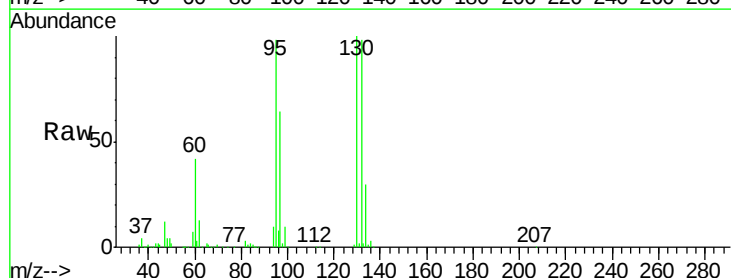
RT: 8.84 min Scan# 2254

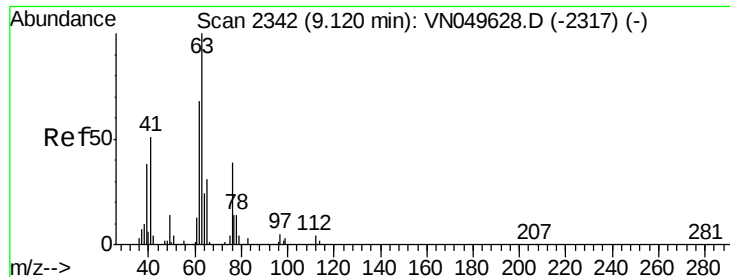
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	130	Resp:	357164
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	192.8





#45

1,2-Dichloropropane

Concen: 21.265 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion: 63 Resp: 329537

Ion Ratio Lower Upper

63 100

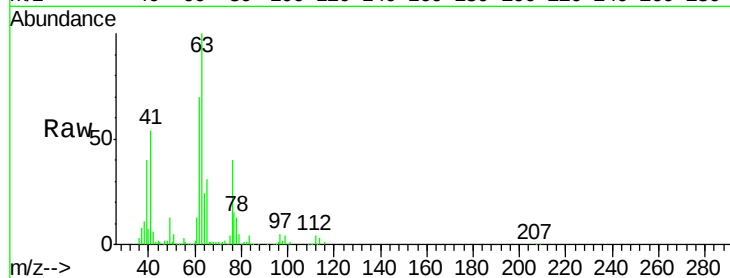
65 30.9 24.7 37.1

Manual Integrations

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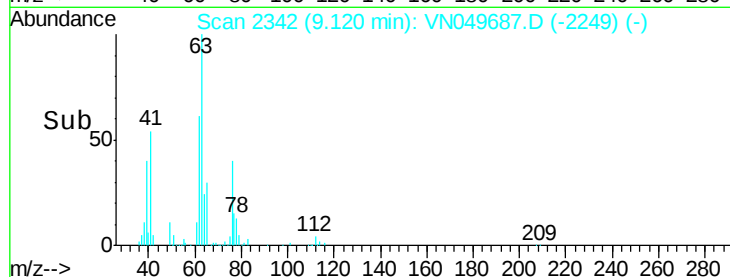
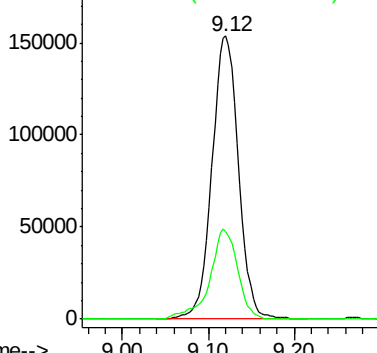
sam

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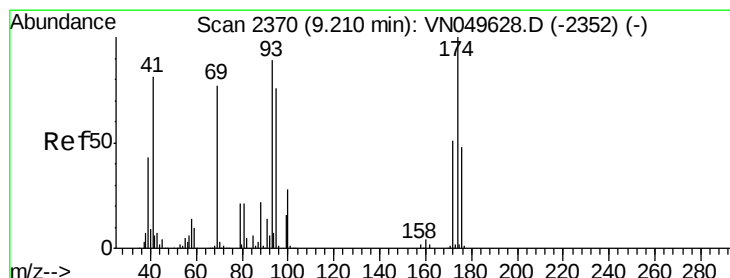


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



Time-->



#46

Dibromomethane

Concen: 22.494 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

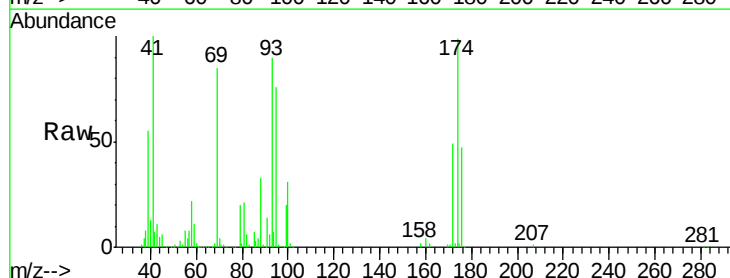
Tgt Ion: 93 Resp: 210889

Ion Ratio Lower Upper

93 100

95 83.5 67.9 101.9

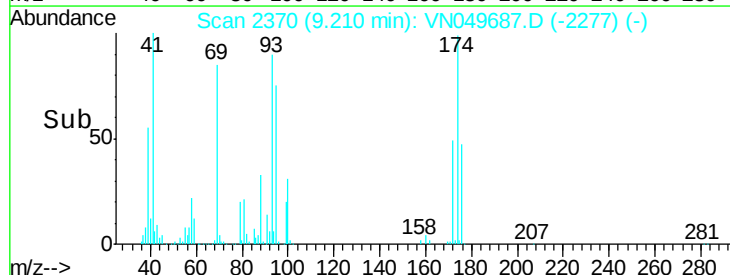
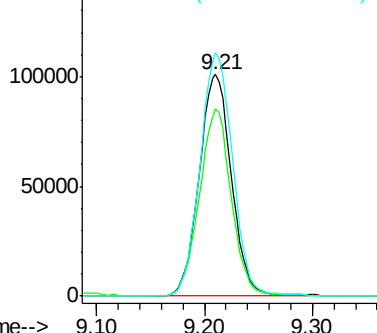
174 110.3 89.4 134.0



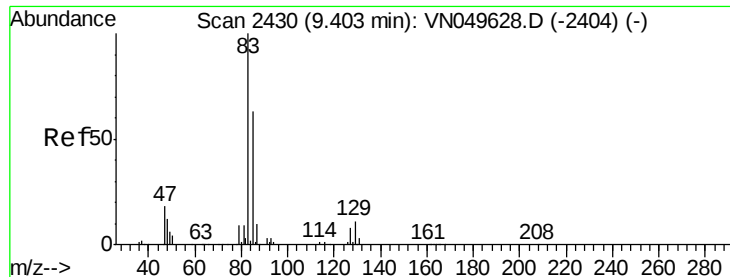
Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



Time-->



#47

Bromodichloromethane

Concen: 21.184 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

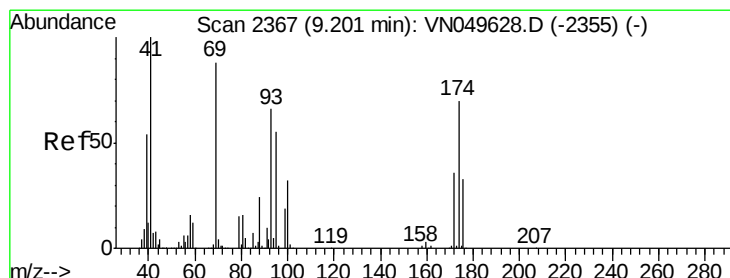
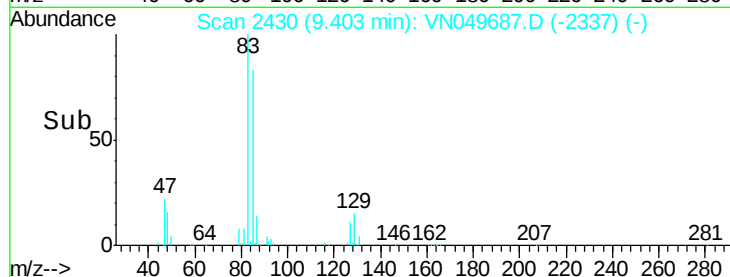
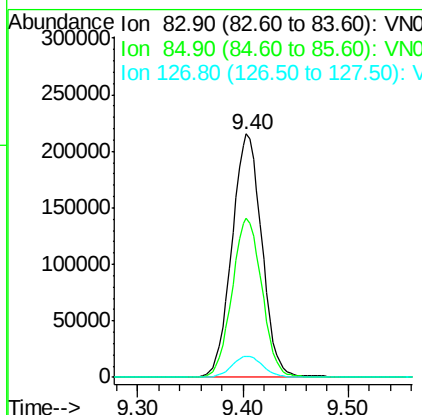
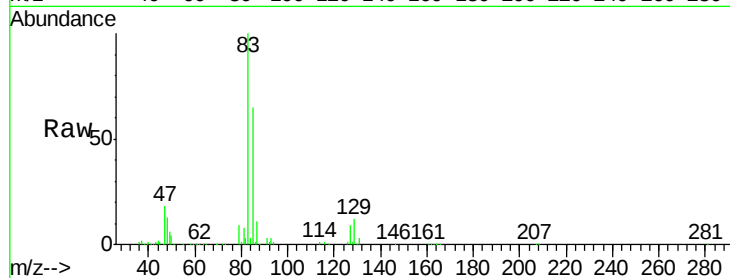
ClientSampled :

VN0703WBS01

Tot Ion:	83	Resp:	422789
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.5	75.7
127	8.7	6.8	10.2

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 26.312 ug/l

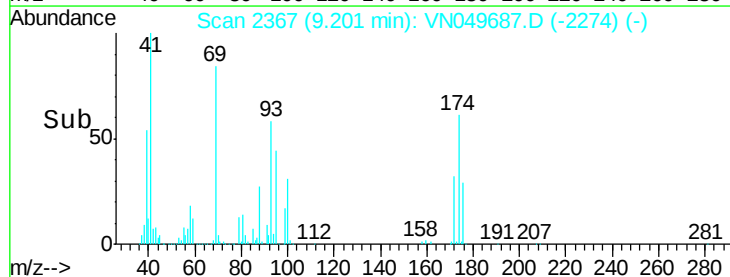
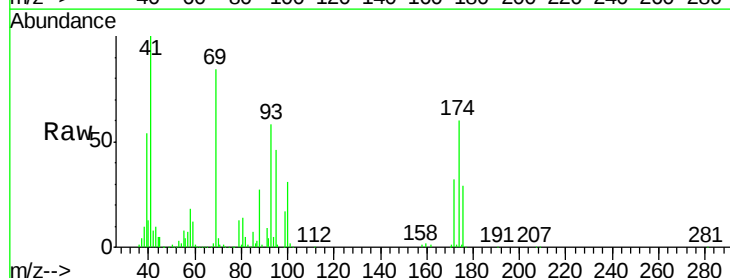
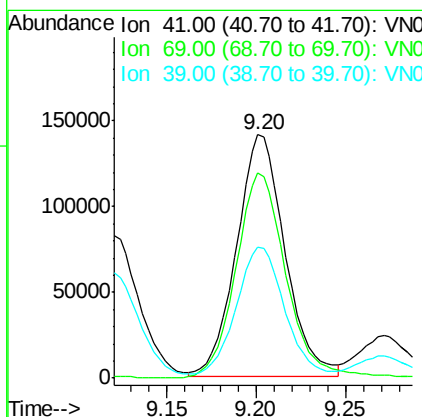
RT: 9.20 min Scan# 2367

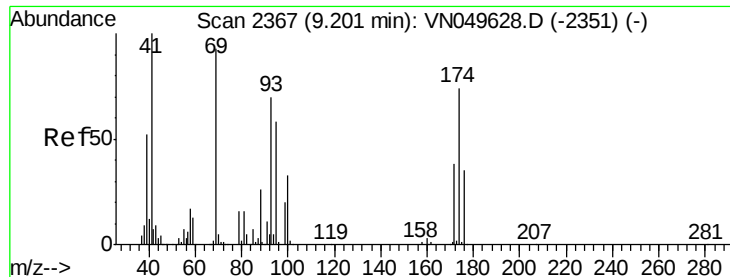
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	41	Resp:	267891
Ion Ratio	Lower	Upper	
41	100		
69	86.8	71.5	107.3
39	54.1	44.7	67.1





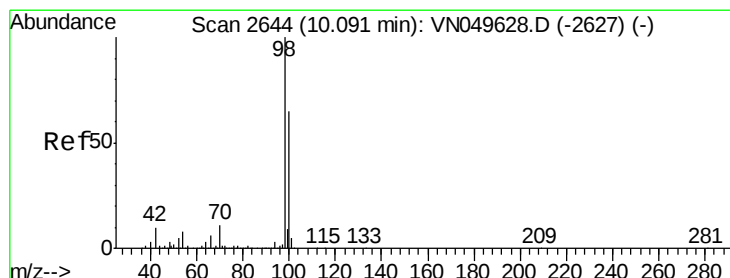
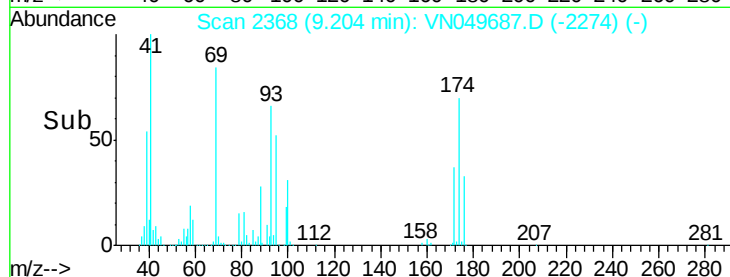
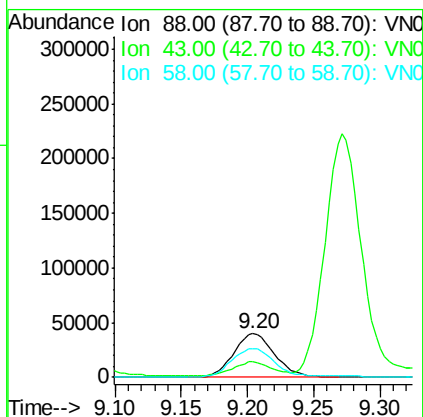
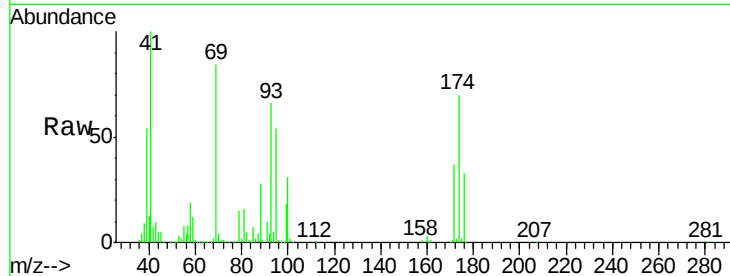
#49
1,4-Dioxane
Concen: 627.894 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.1	37.7
58	69.5	52.5	78.7

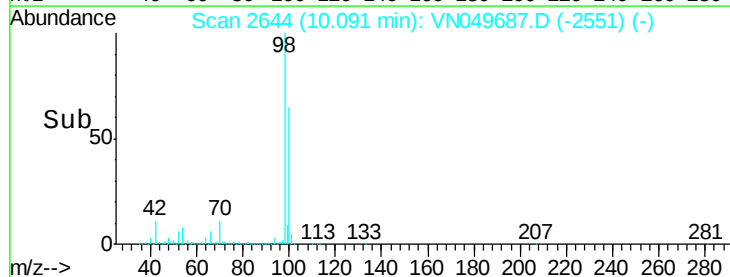
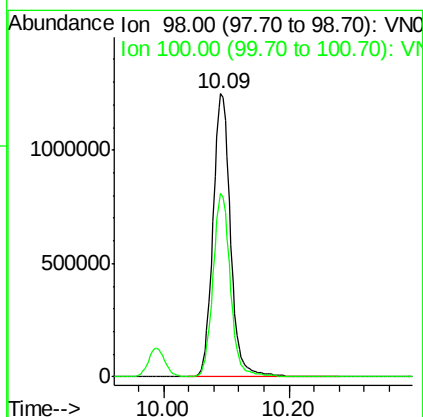
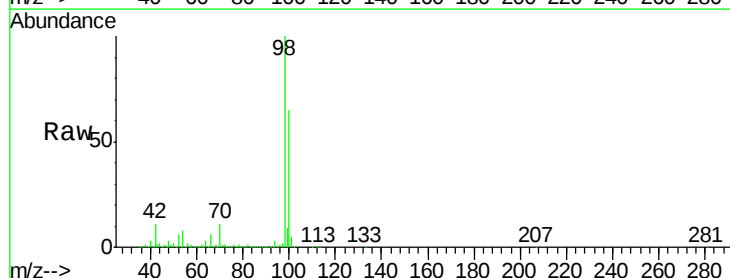
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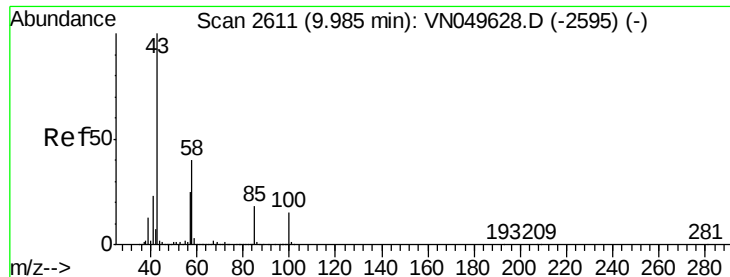
sam
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#50
Toluene-d8
Concen: 47.573 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





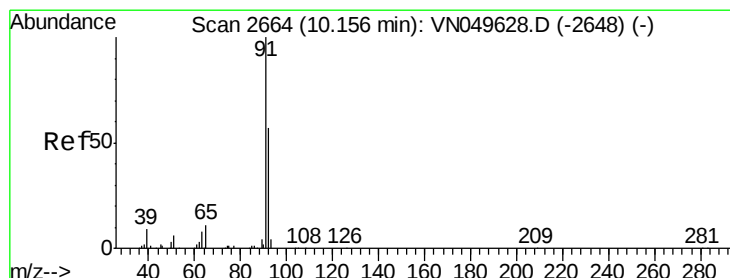
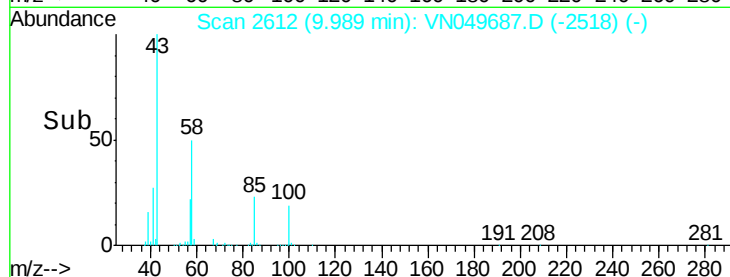
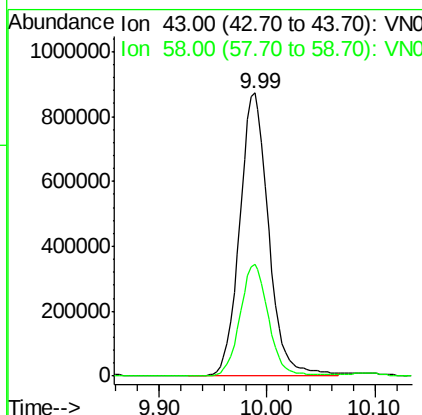
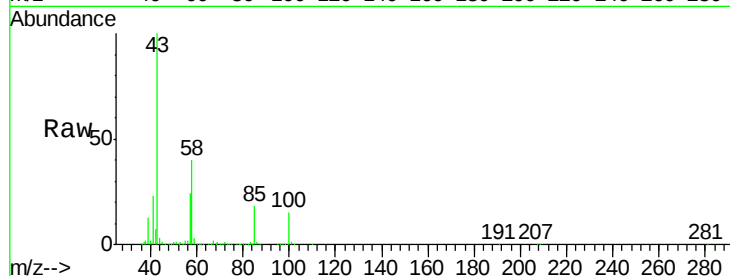
#51
4-Methyl-2-Pentanone
Concen: 144.720 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion: 43 Resp: 1625689
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.8

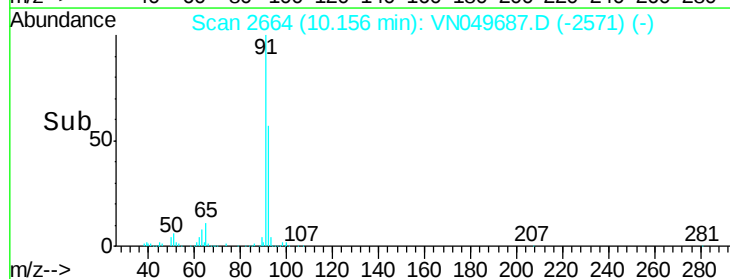
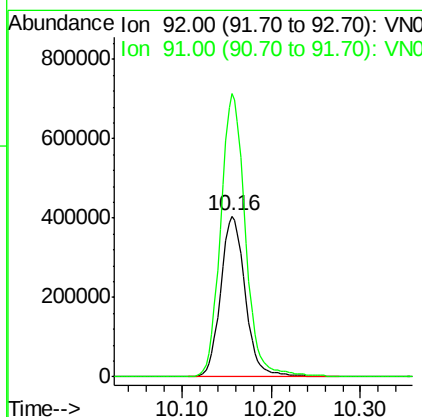
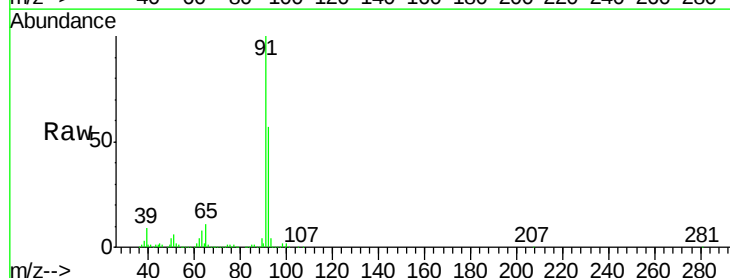
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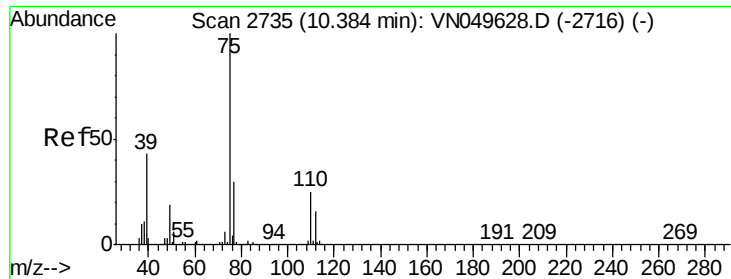
sam
7/5/2018 2:26:39 PM



#52
Toluene
Concen: 21.391 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 92 Resp: 775156
Ion Ratio Lower Upper
92 100
91 177.3 140.1 210.1





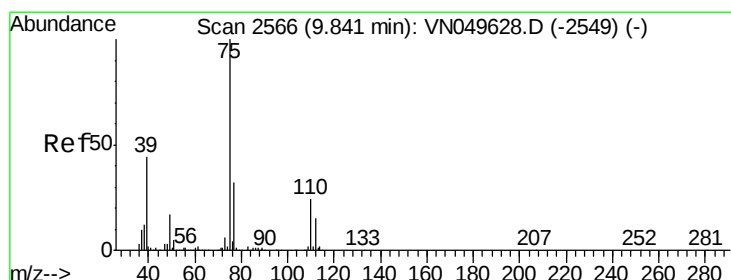
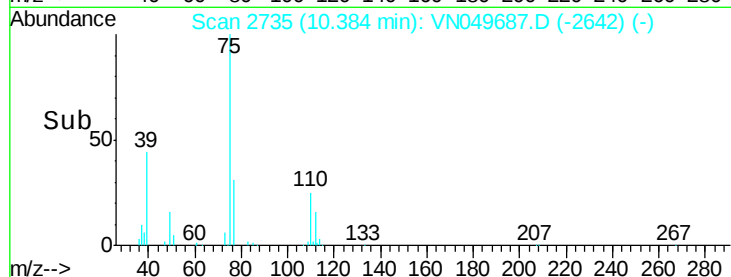
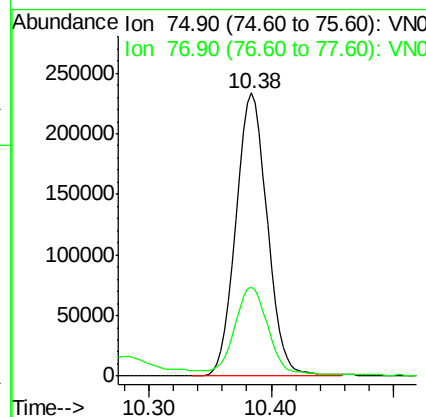
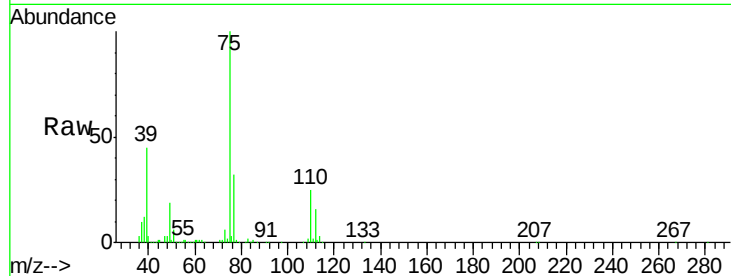
#53
t-1,3-Dichloropropene
Concen: 21.785 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion: 75 Resp: 416320
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

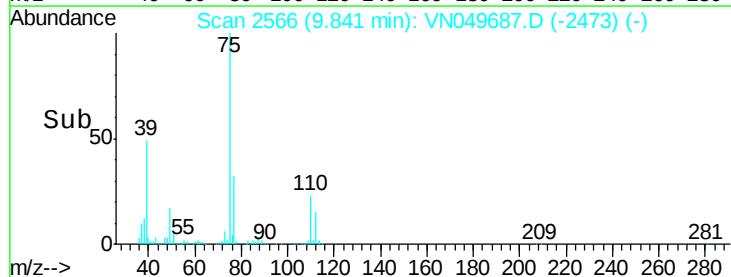
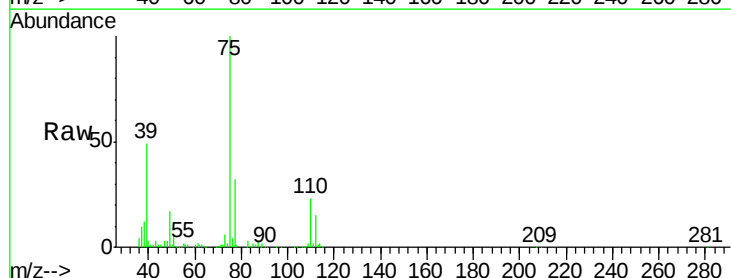
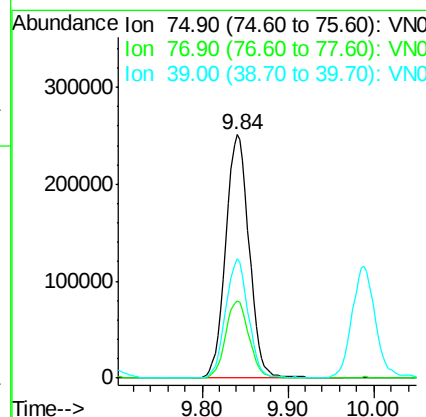
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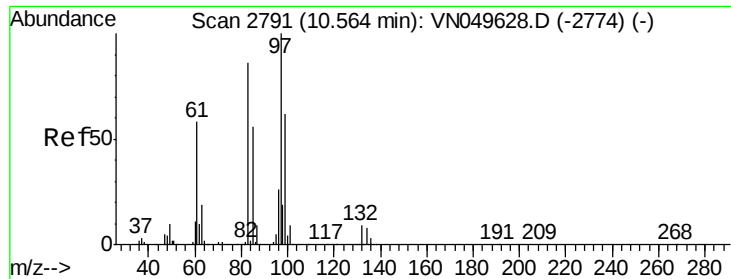
sam
7/5/2018 2:26:39 PM



#54
cis-1,3-Dichloropropene
Concen: 21.338 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 75 Resp: 476589
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 48.9 35.5 53.3





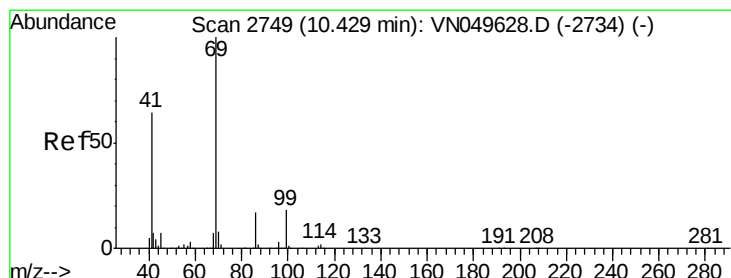
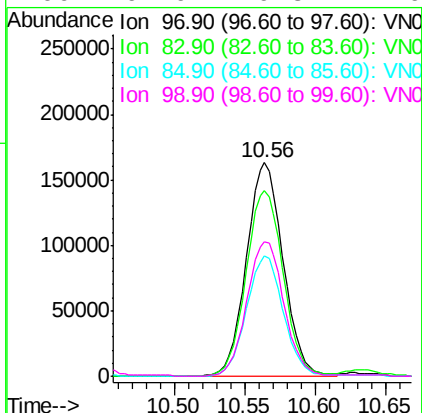
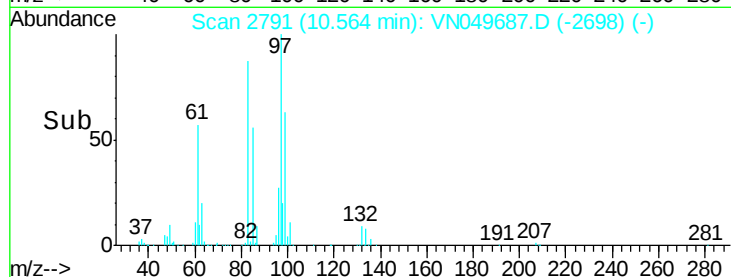
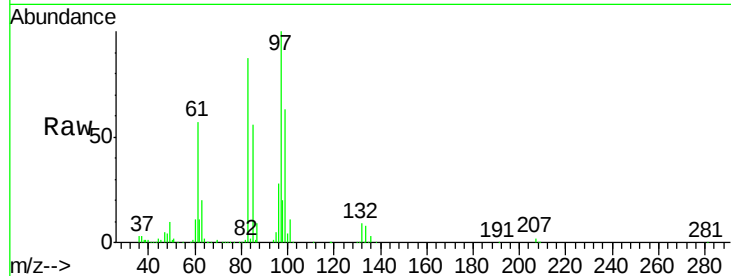
#55
 1,1,2-Trichloroethane
 Concen: 22.052 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		297538		
83	86.6	69.0	103.6		
85	56.3	44.9	67.3		
99	62.9	49.8	74.6		

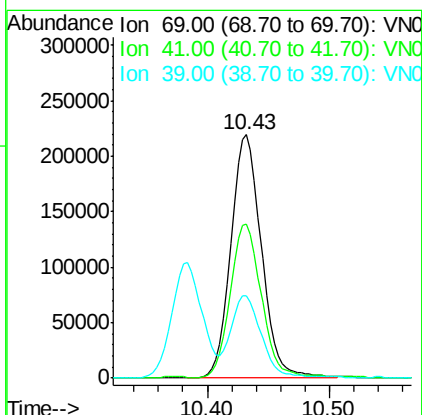
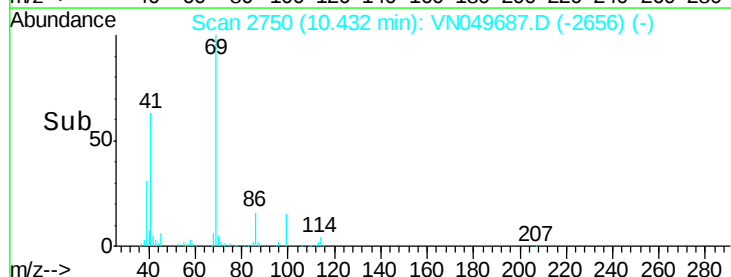
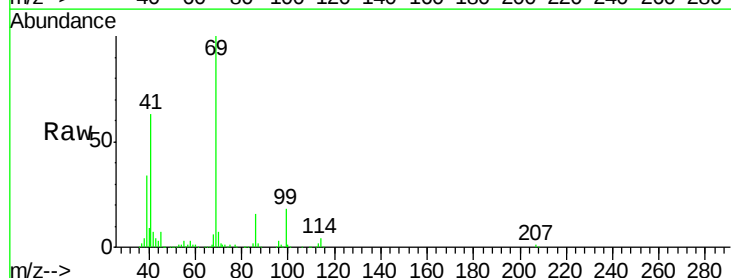
Manual Integrations
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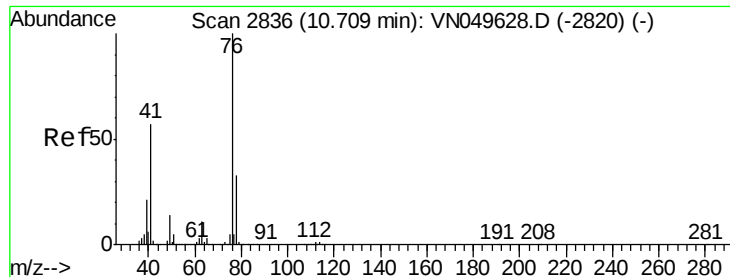
sam
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#56
 Ethyl methacrylate
 Concen: 24.269 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		383822		
41	64.3	51.6	77.4		
39	33.4	25.8	38.8		





#57

1,3-Dichloropropane

Concen: 22.189 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion: 76 Resp: 485460

Ion Ratio Lower Upper

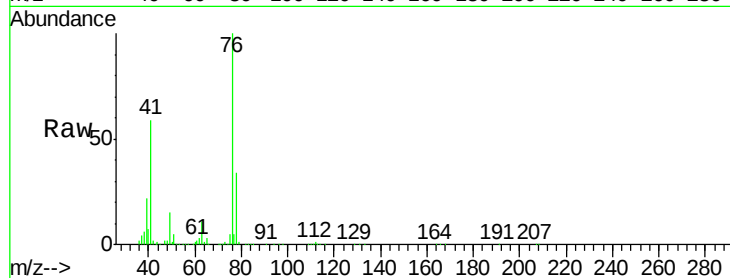
76 100

78 33.1 25.8 38.8

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

10.71

250000

200000

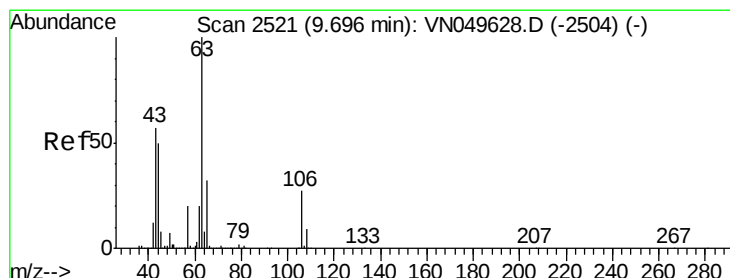
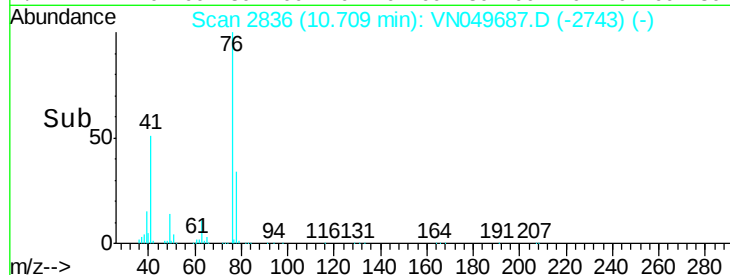
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 108.880 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049687.D

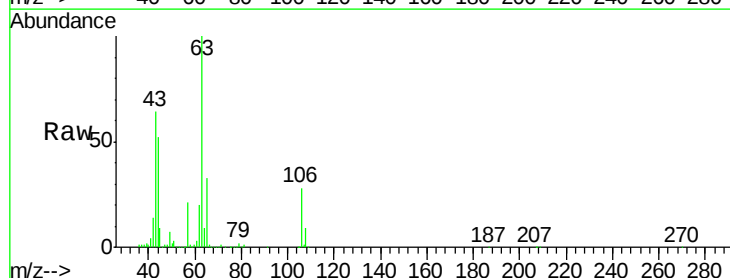
Acq: 3 Jul 2018 12:14

Tgt Ion: 63 Resp: 844848

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

500000

400000

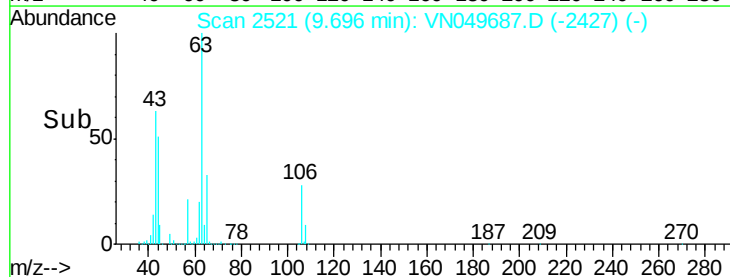
300000

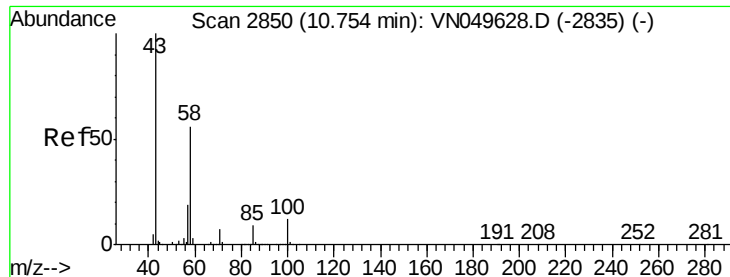
200000

100000

0

Time-->





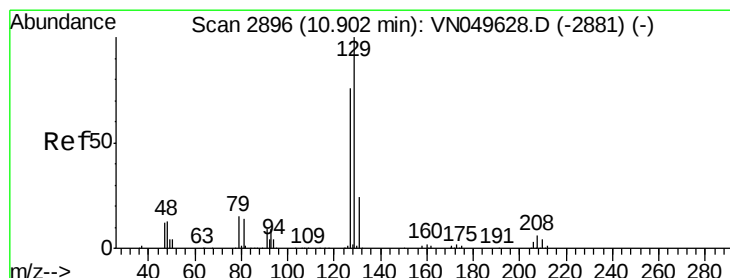
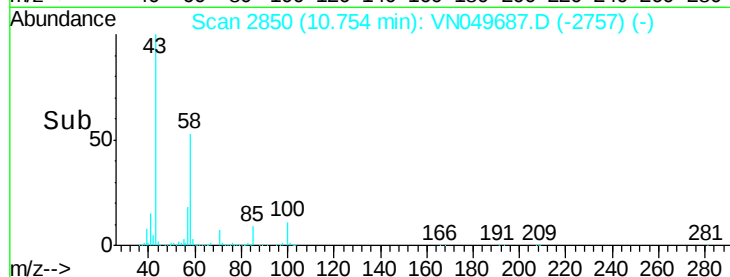
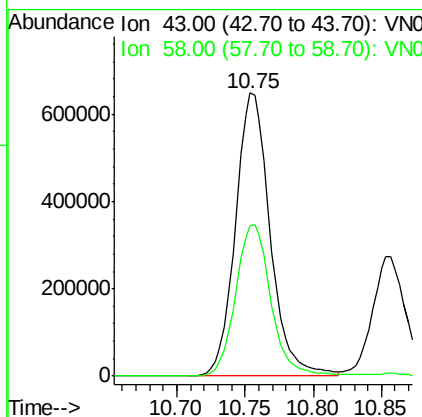
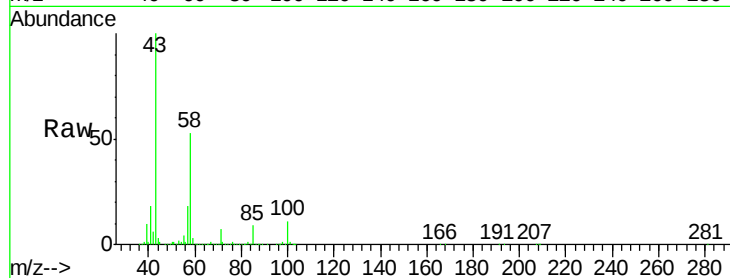
#59
2-Hexanone
Concen: 153.430 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion: 43 Resp: 1139696
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4

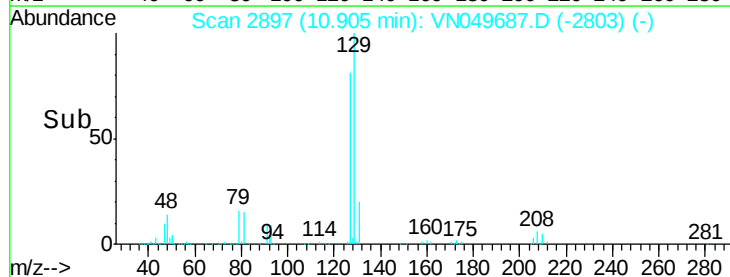
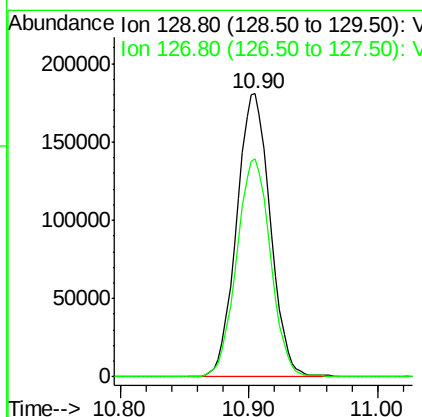
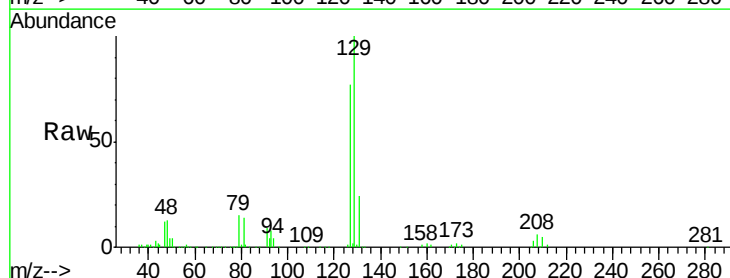
Manual Integrations
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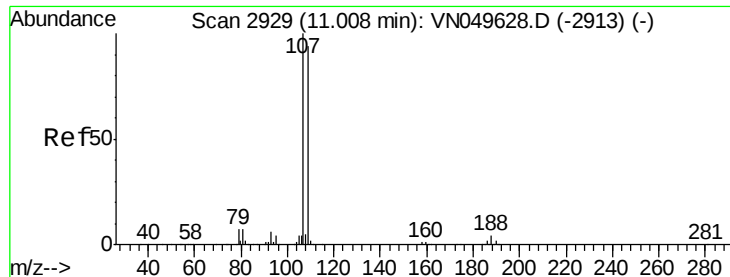
sam
7/5/2018 2:26:39 PM



#60
Dibromochloromethane
Concen: 22.566 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 129 Resp: 329078
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





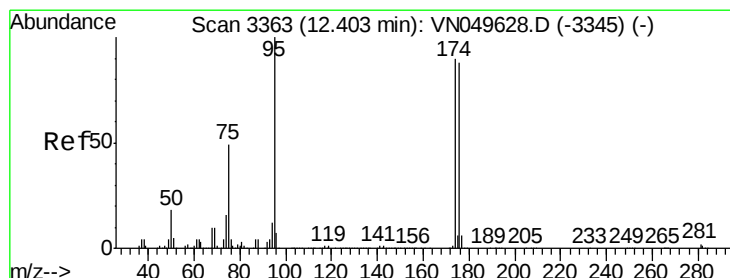
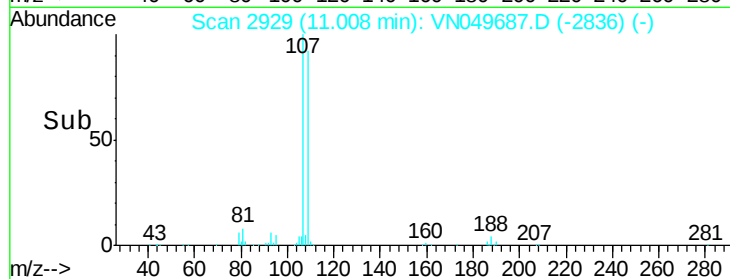
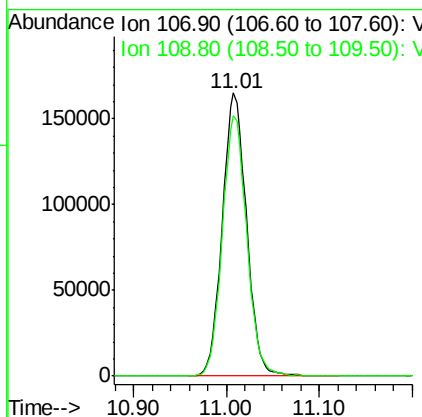
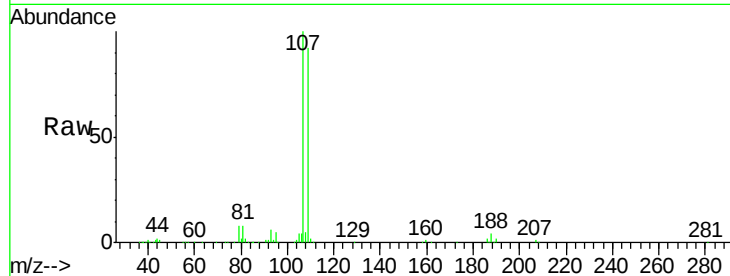
#61
 1,2-Dibromoethane
 Concen: 23.171 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.0	112.6

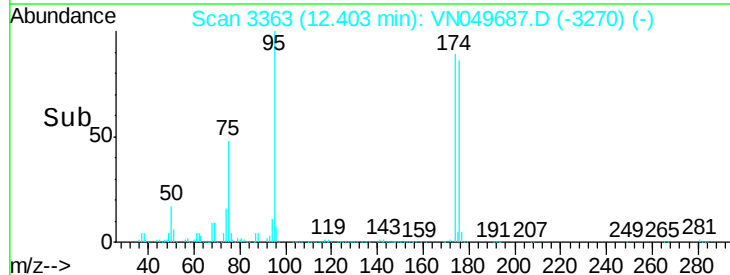
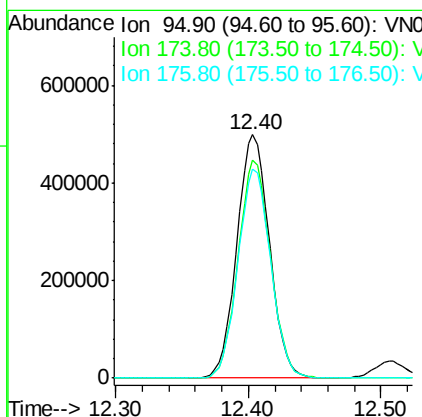
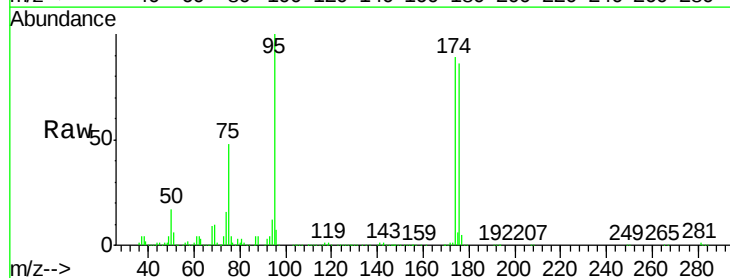
Manual Integrations
 APPROVED

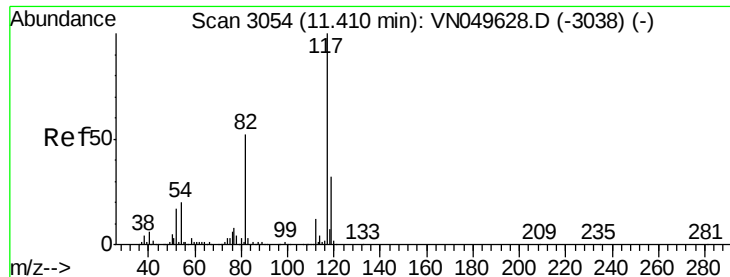
sam
 7/5/2018 2:26:39 PM



#62
 4-Bromofluorobenzene
 Concen: 48.735 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	179.6
176	86.4	0.0	174.0





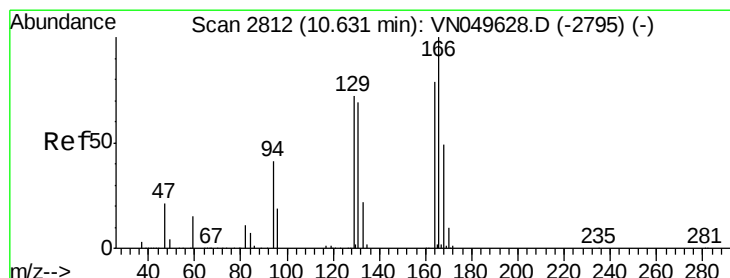
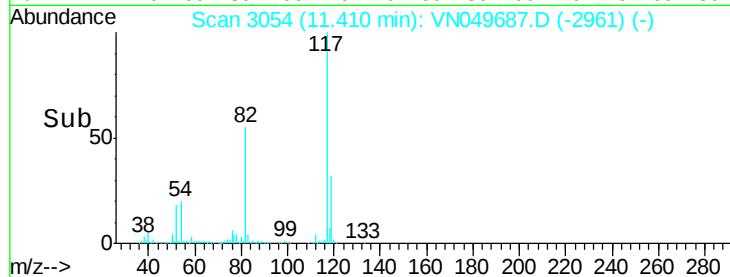
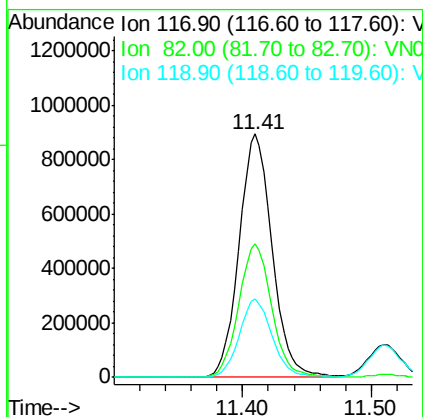
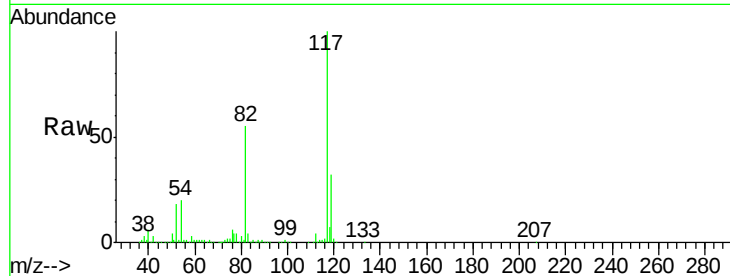
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.9	62.9
119	32.2	25.4	38.2

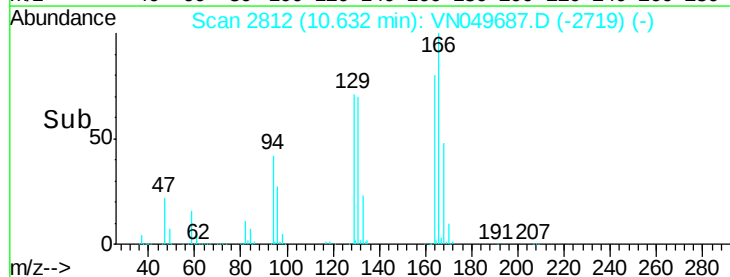
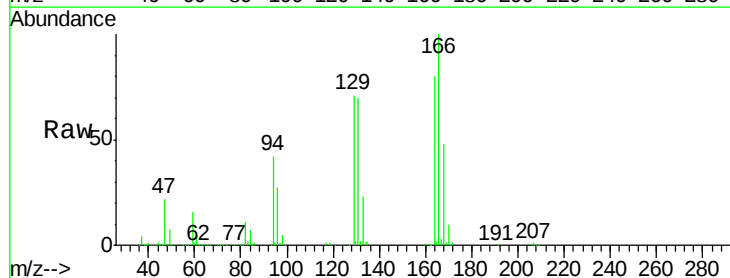
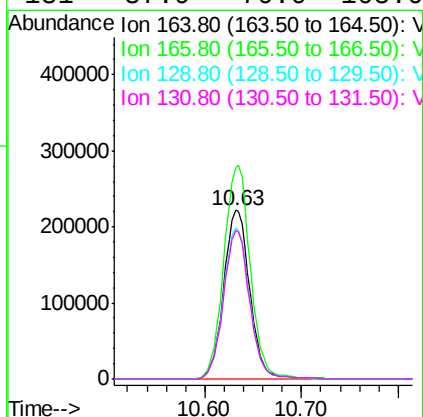
Manual Integrations
APPROVED

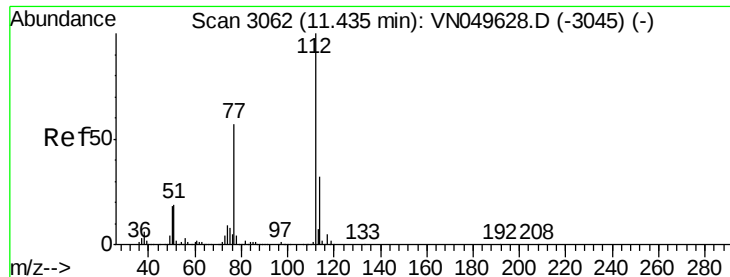
sam
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#64
Tetrachloroethene
Concen: 19.169 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.8	152.6
129	89.7	72.8	109.2
131	87.9	70.0	105.0





#65

Chlorobenzene

Concen: 20.148 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion:112 Resp: 839722

Ion Ratio Lower Upper

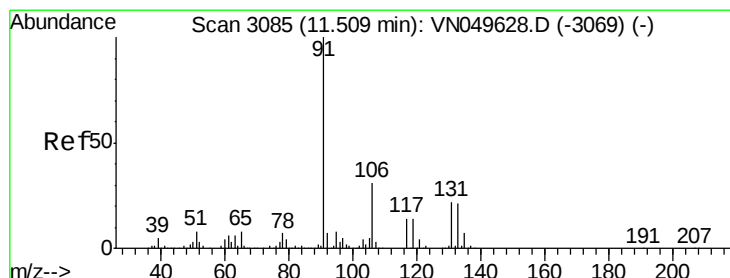
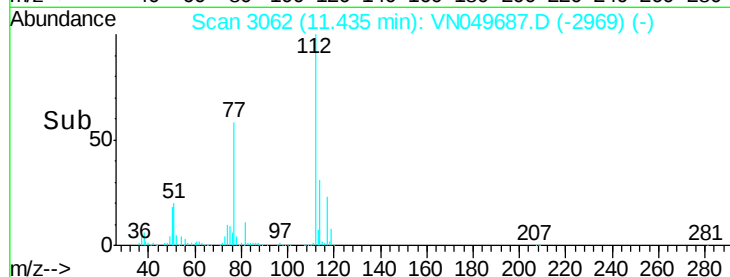
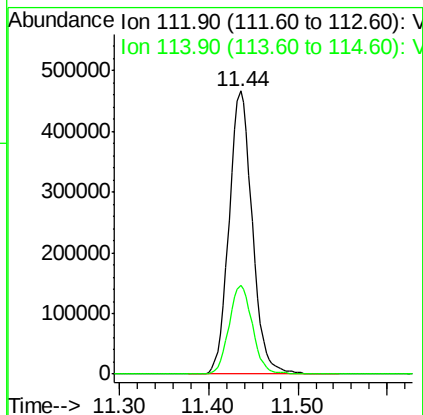
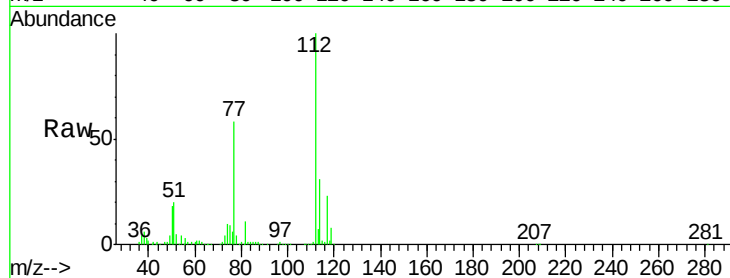
112 100

114 31.3 25.4 38.0

Manual Integrations
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sam

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.821 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

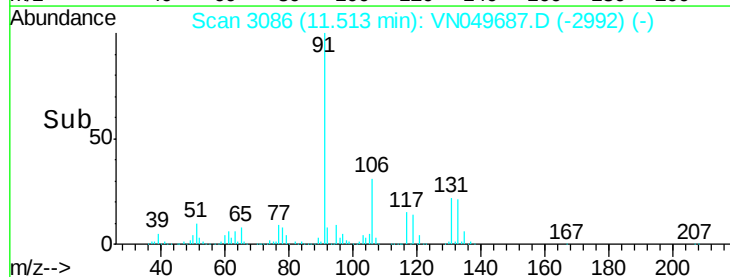
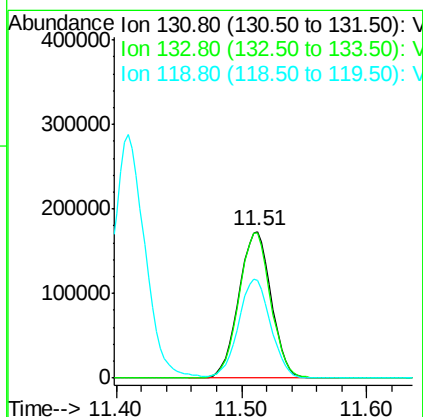
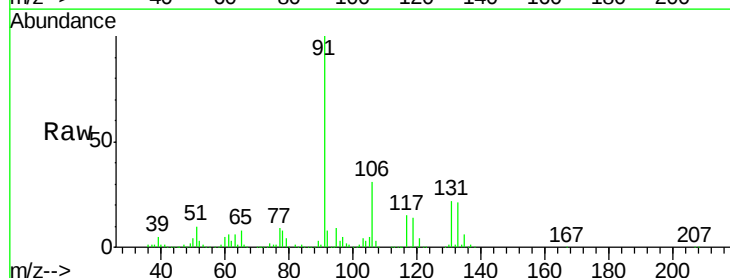
Tgt Ion:131 Resp: 311808

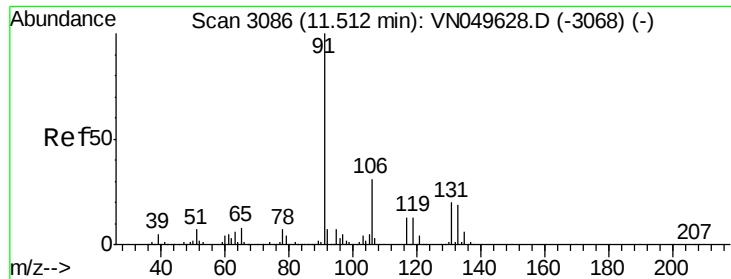
Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.6

119 66.9 33.1 99.3





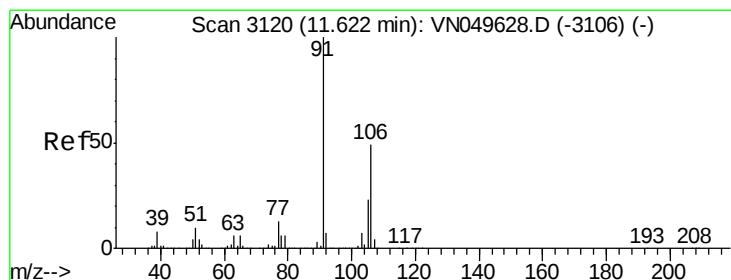
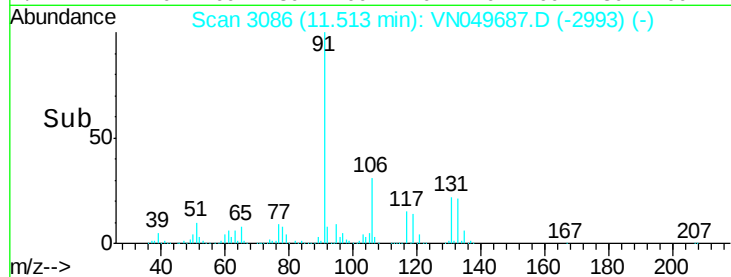
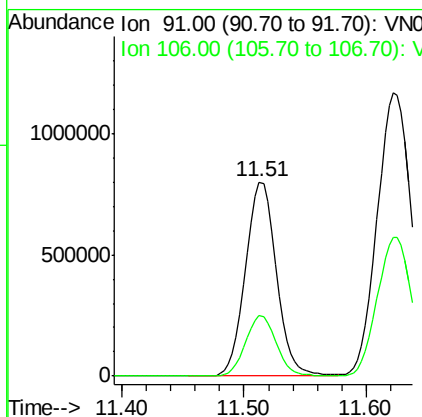
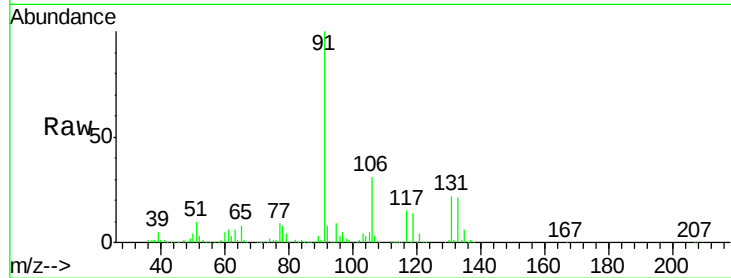
#67
Ethyl Benzene
Concen: 20.232 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion: 91 Resp: 1393899
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

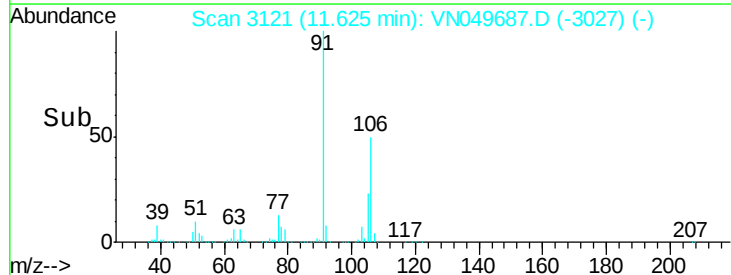
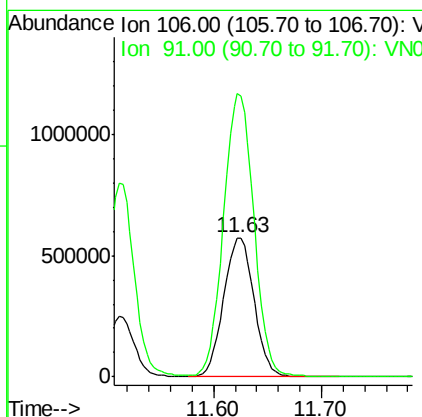
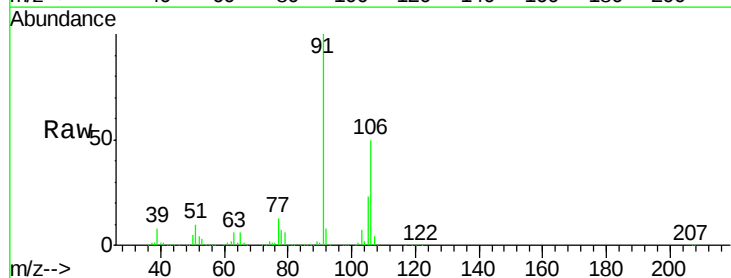
Manual Integrations
APPROVED

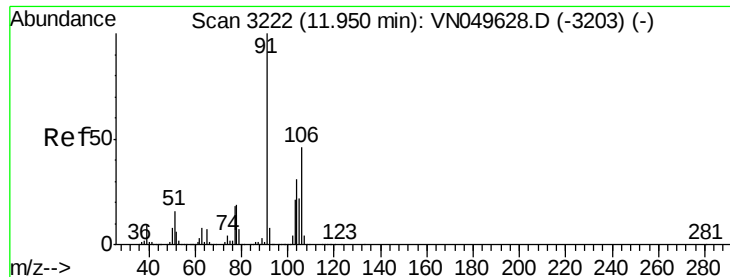
sam
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#68
m/p-Xylenes
Concen: 42.609 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 106 Resp: 1125021
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2





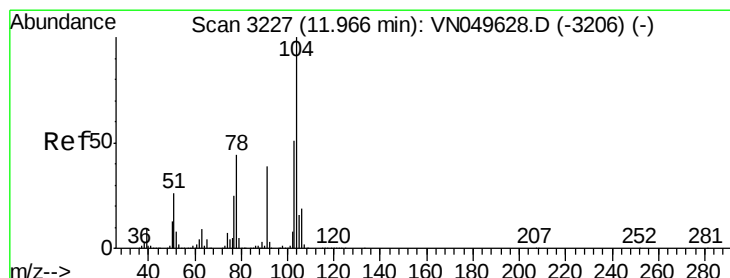
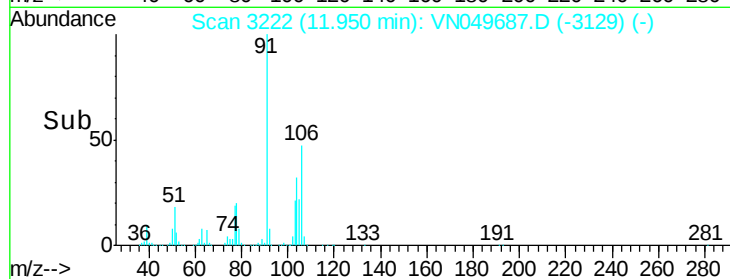
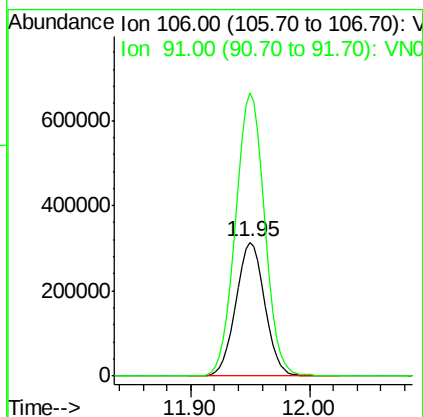
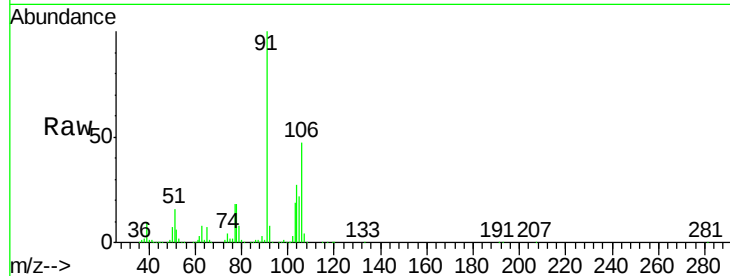
#69
o-Xylene
Concen: 20.915 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		528697		
91	212.9	108.7	326.1		

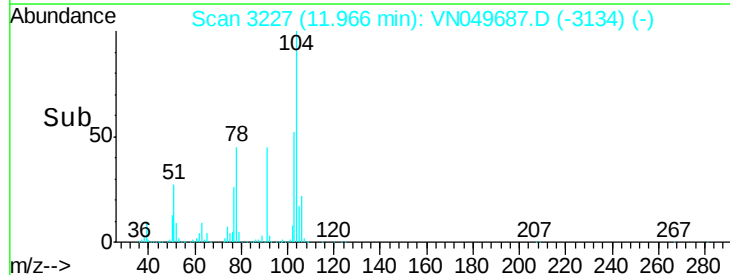
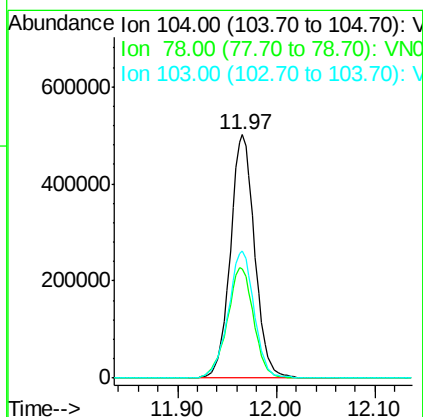
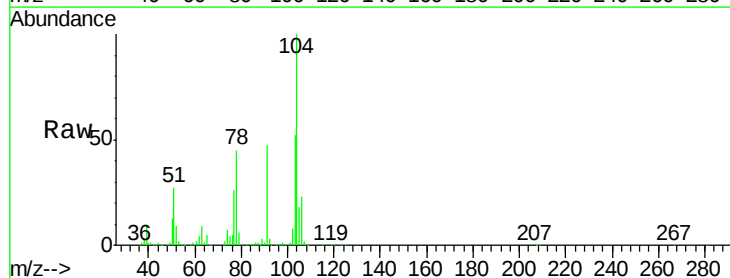
Manual Integrations
APPROVED

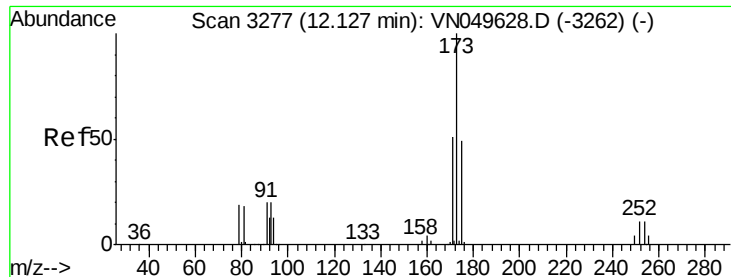
sam
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#70
Styrene
Concen: 21.074 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		861951		
78	49.3	39.2	58.8		
103	55.9	44.6	67.0		





#71

Bromoform

Concen: 23.751 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

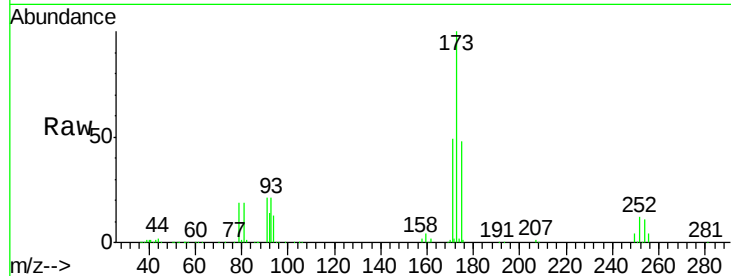
ClientSampled :

VN0703WBS01

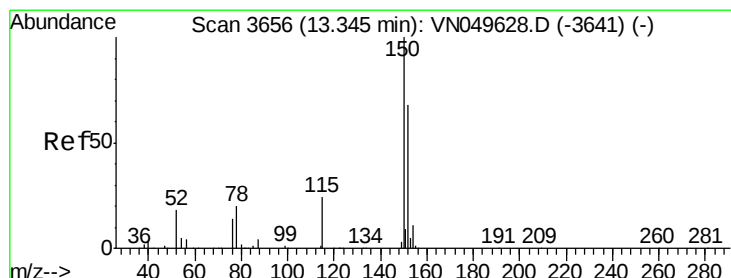
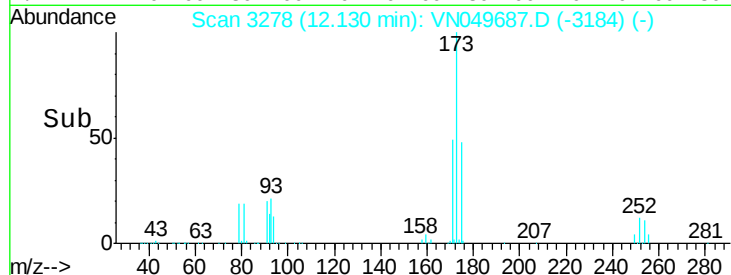
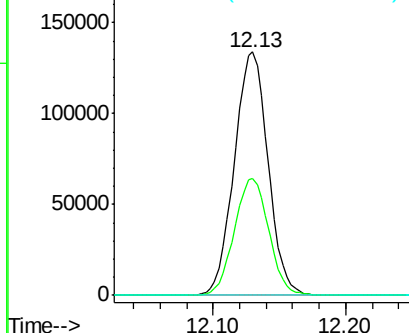
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.8
254	0.1	0.2	0.2

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: 50.000 ug/l

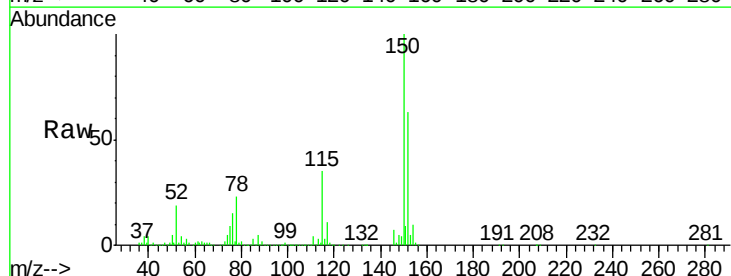
RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

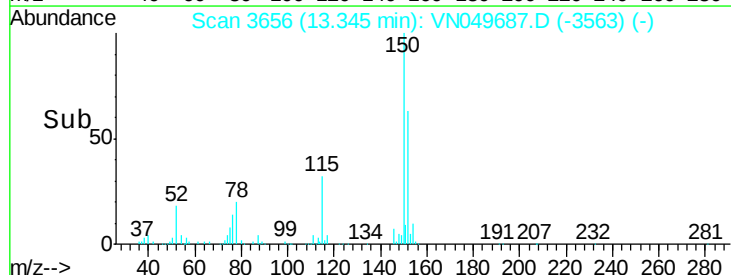
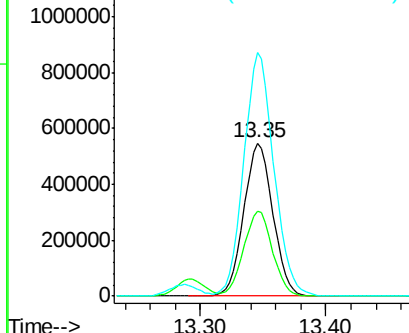
Lab File: VN049687.D

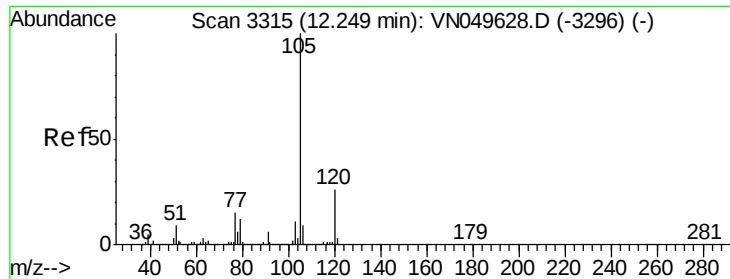
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.1	84.2
150	164.6	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: 19.844 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion:105 Resp: 1394249

Ion Ratio Lower Upper

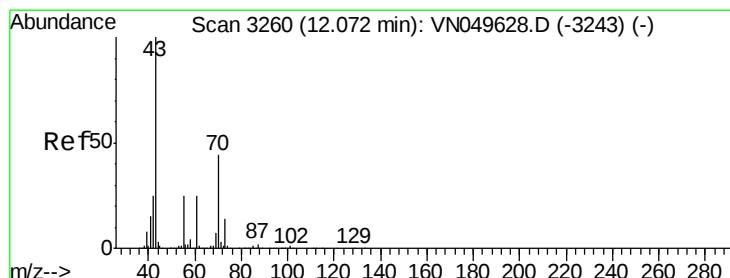
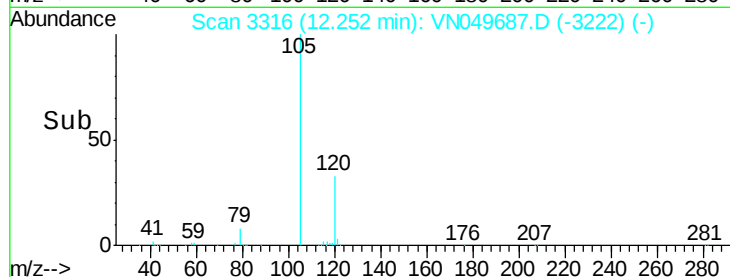
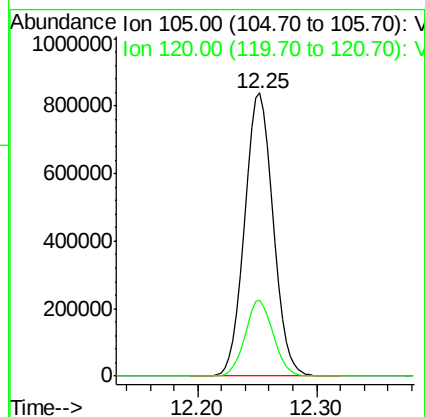
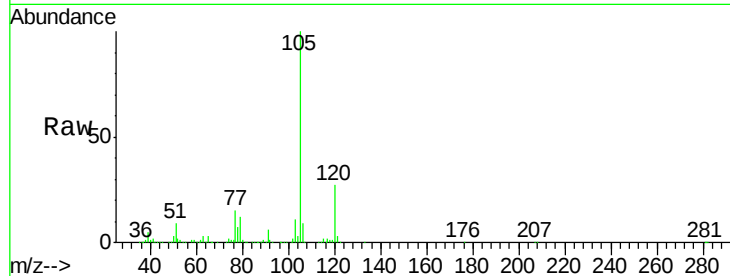
105 100

120 26.4 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 24.226 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion: 43 Resp: 464956

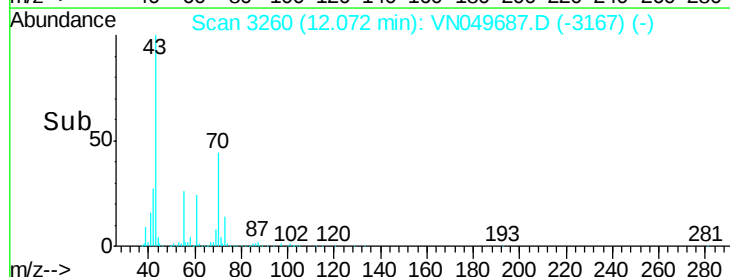
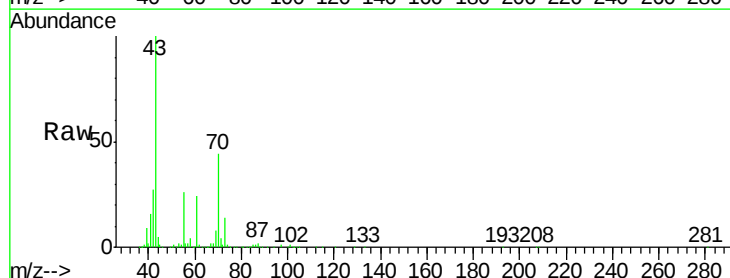
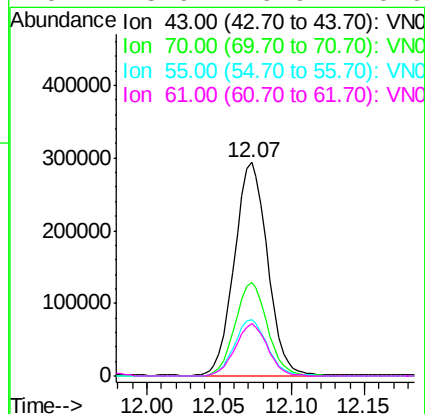
Ion Ratio Lower Upper

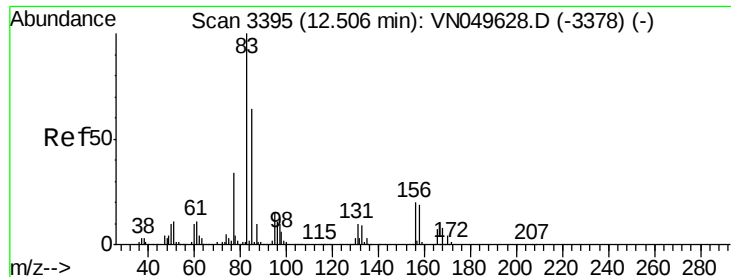
43 100

70 43.0 34.8 52.2

55 26.4 20.9 31.3

61 23.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 25.446 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

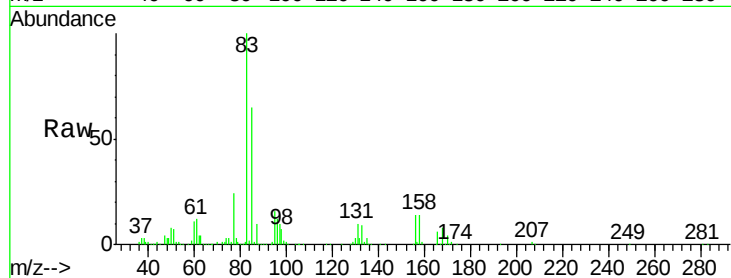
ClientSampleId :

VN0703WBS01

Tot Ion:	83	Resp:	381311
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.1	32.5	97.4

Manual Integrations
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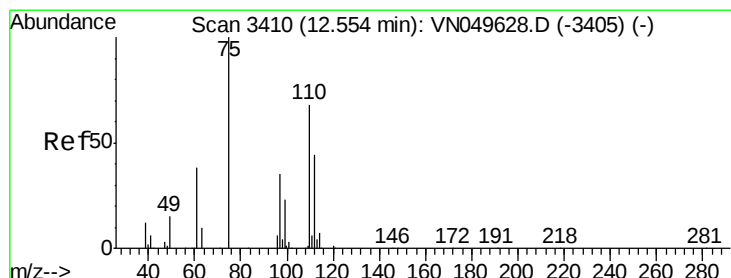
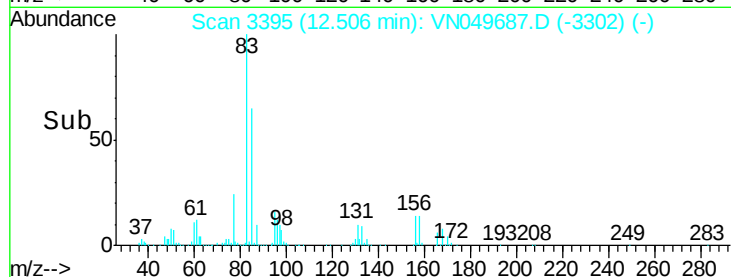
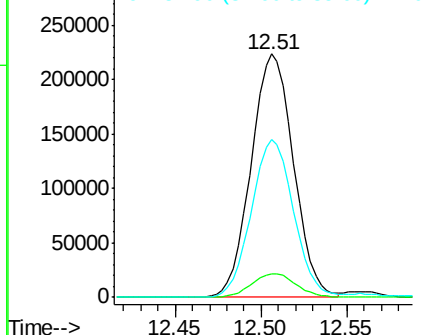
Sam
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Abundance Ion 82.90 (82.60 to 83.60): VN049687.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049687.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049687.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 25.174 ug/l m

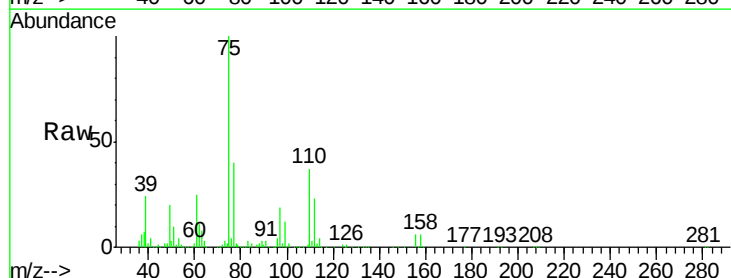
RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049687.D

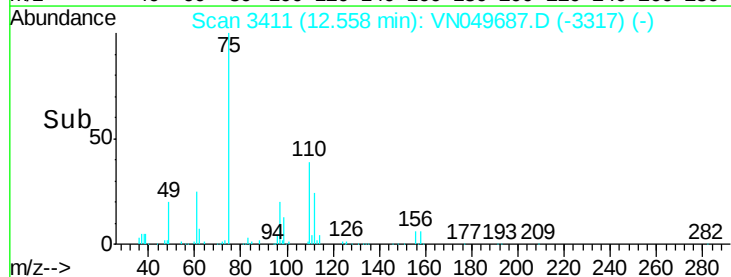
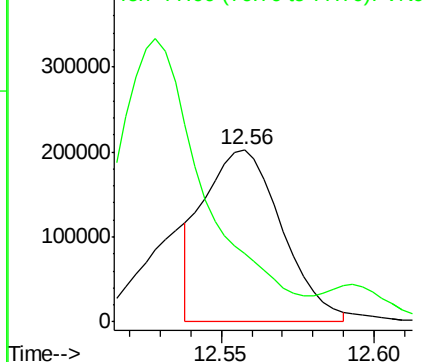
Acq: 3 Jul 2018 12:14

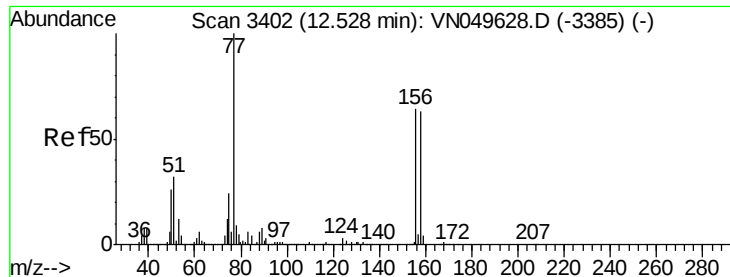
Tgt Ion:	75	Resp:	356120
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049687.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049687.D (-3317) (-)





#77

Bromobenzene

Concen: 19.339 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

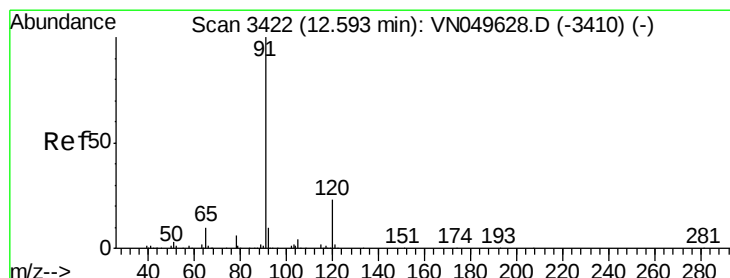
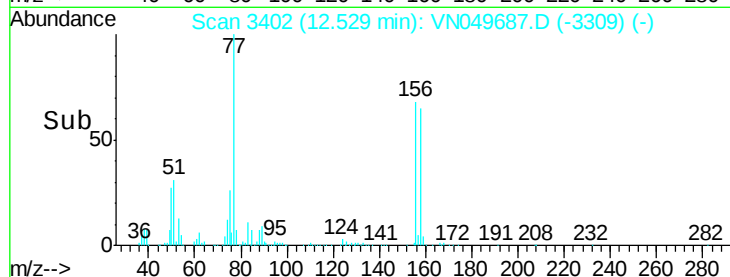
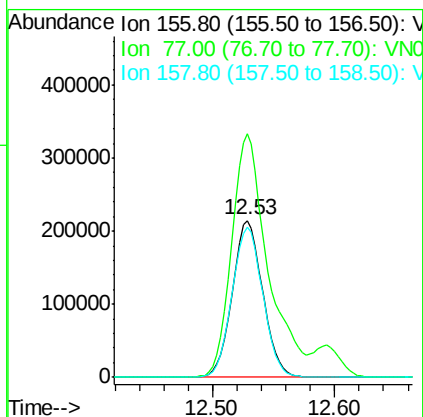
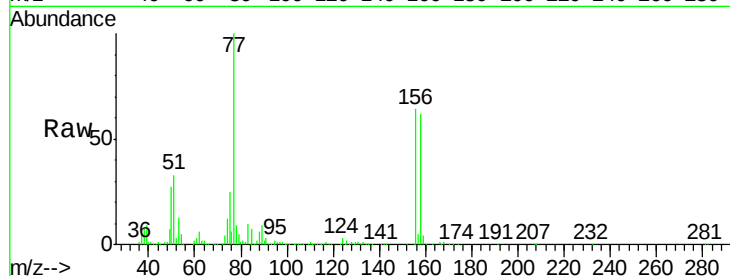
ClientSampled :

VN0703WBS01

Tot Ion:	156	Resp:	369480
Ion Ratio	Lower	Upper	
156	100		
77	184.8	90.2	270.6
158	97.4	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.604 ug/l

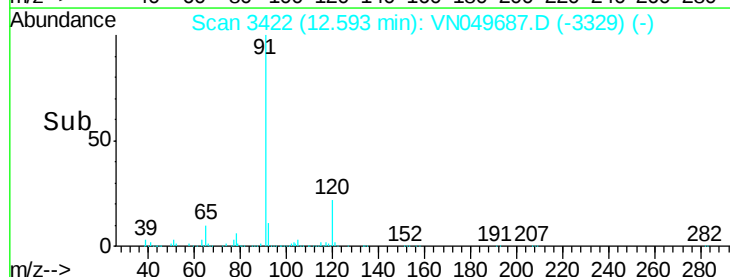
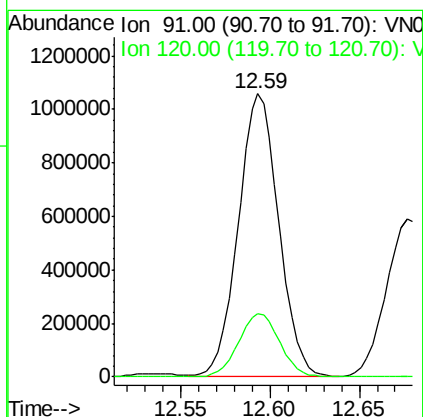
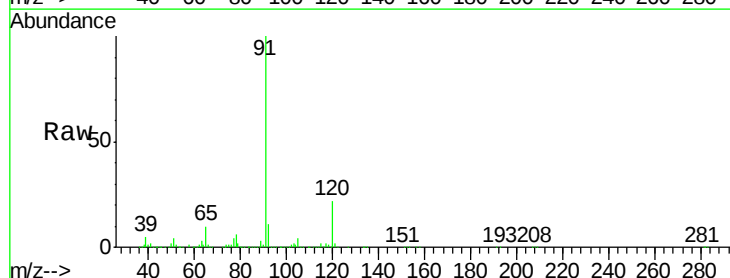
RT: 12.59 min Scan# 3422

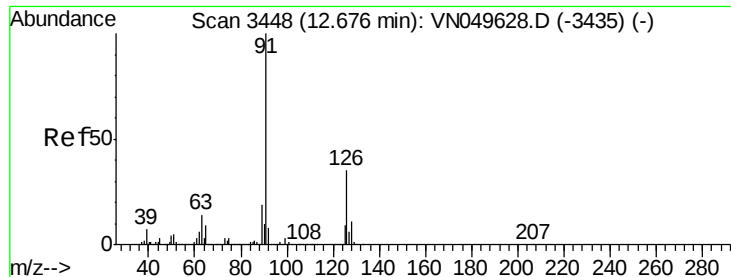
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	91	Resp:	1659163
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.578 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBS01

Tot Ion: 91 Resp: 997767

Ion Ratio Lower Upper

91 100

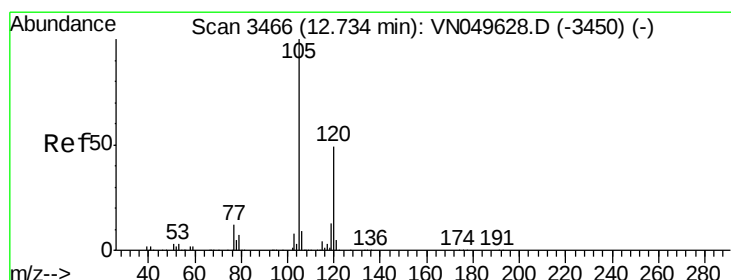
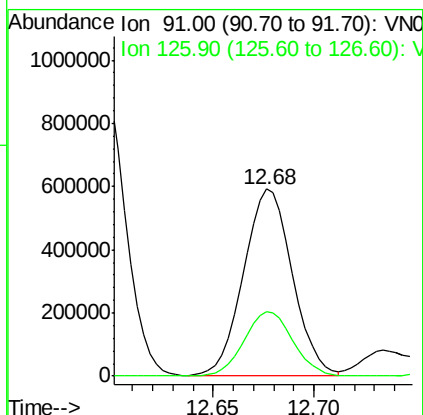
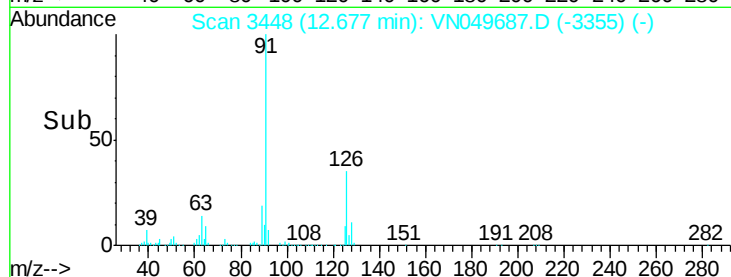
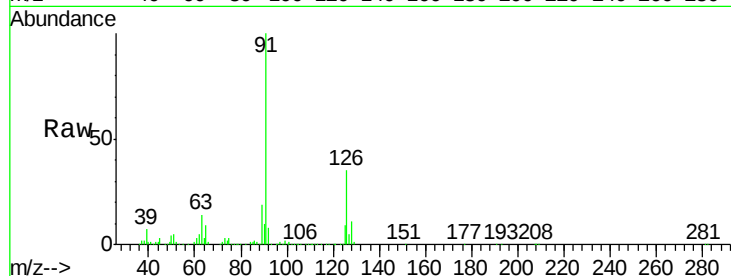
126 34.9 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.908 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049687.D

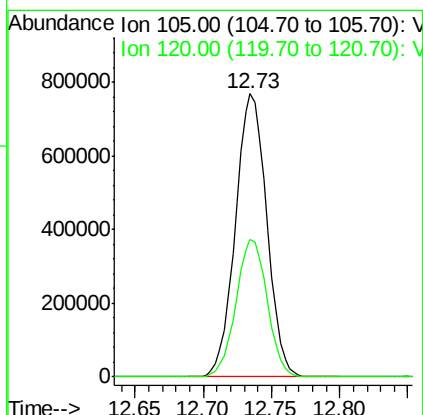
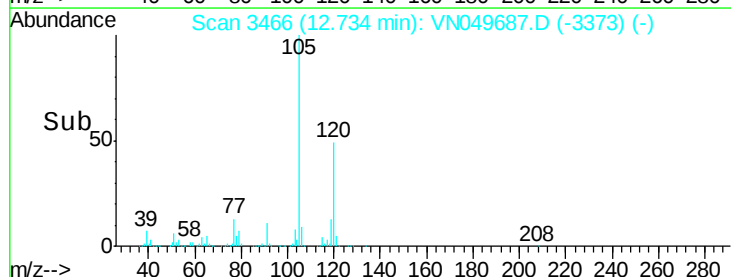
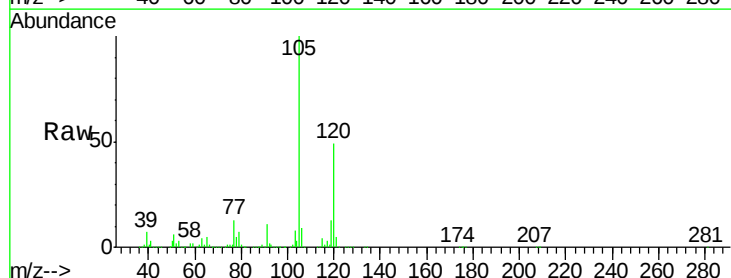
Acq: 3 Jul 2018 12:14

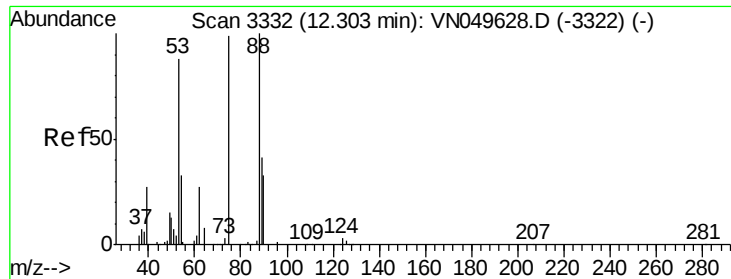
Tgt Ion: 105 Resp: 1220718

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 23.471 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

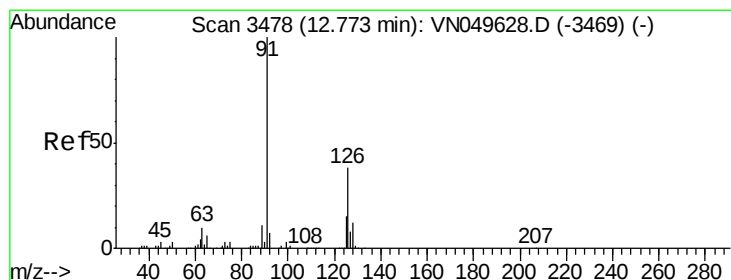
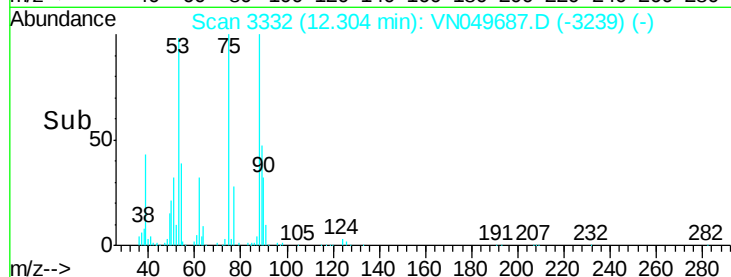
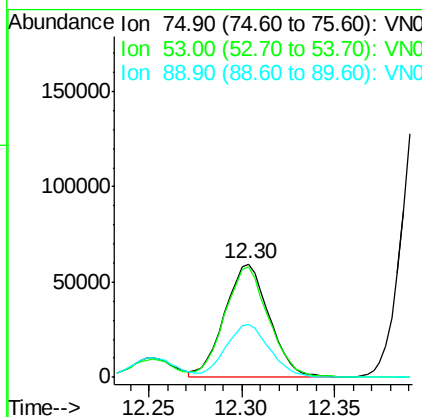
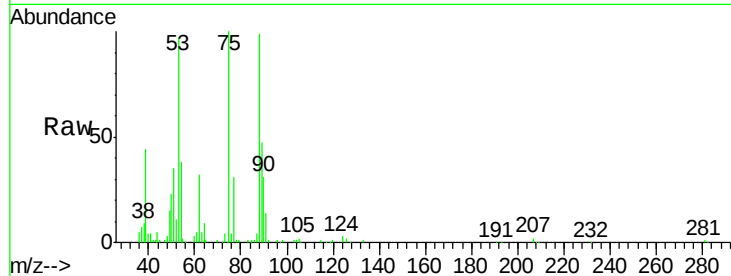
ClientSampleId :

VN0703WBS01

Tot Ion:	75	Resp:	97758
Ion	Ratio	Lower	Upper
75	100		
53	98.5	73.9	110.9
89	46.9	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.780 ug/l

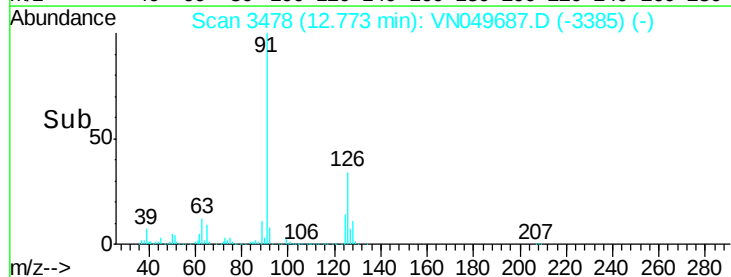
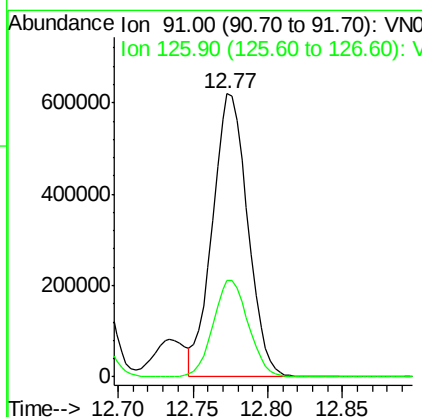
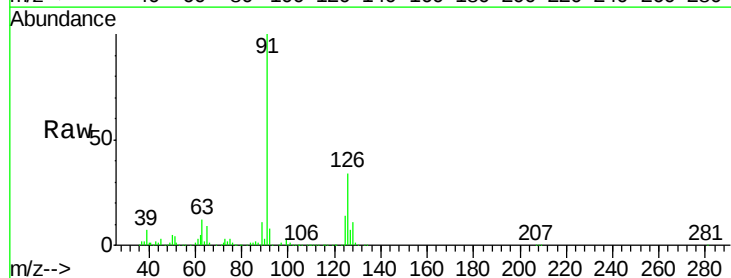
RT: 12.77 min Scan# 3478

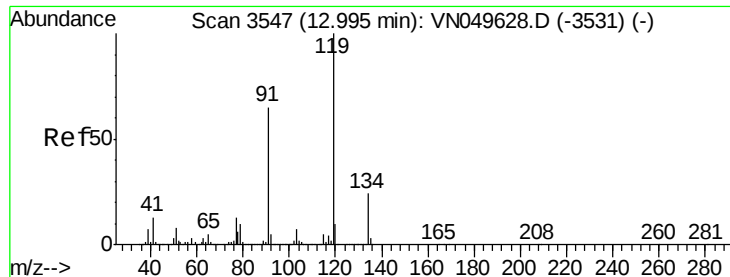
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion:	91	Resp:	1013564
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.6





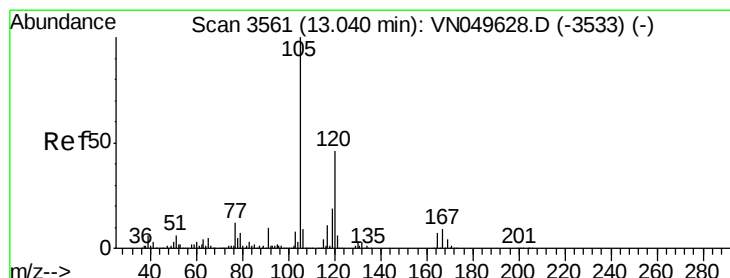
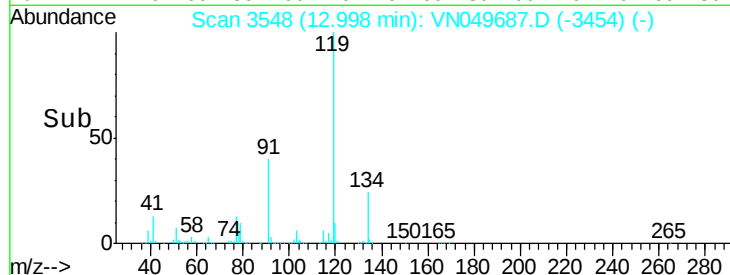
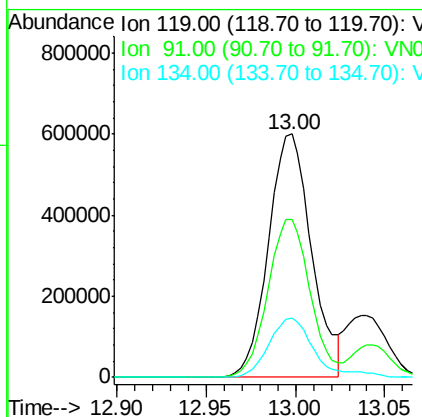
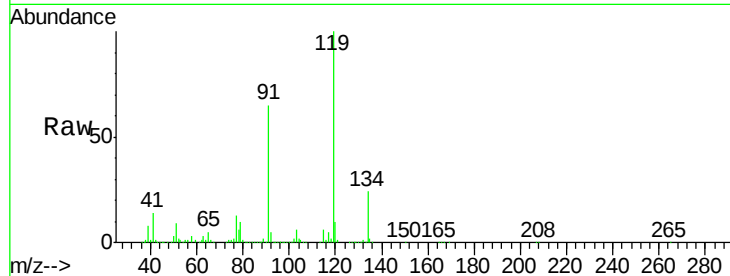
#83
 tert-Butylbenzene
 Concen: 20.133 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.0	96.2
134	25.6	12.8	38.4

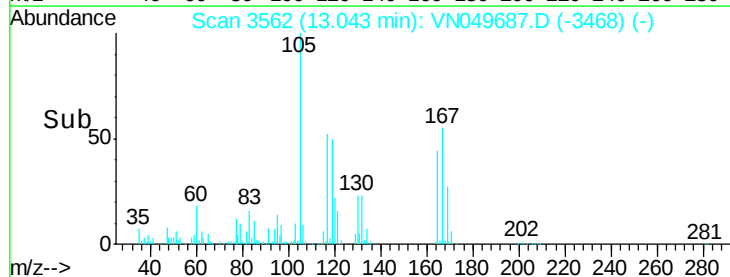
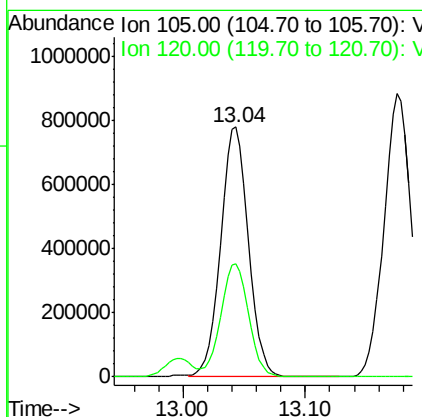
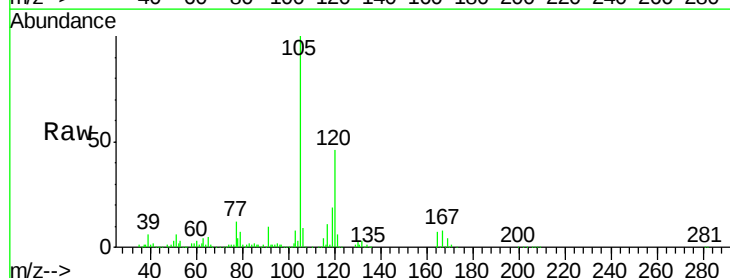
Manual Integrations
 APPROVED

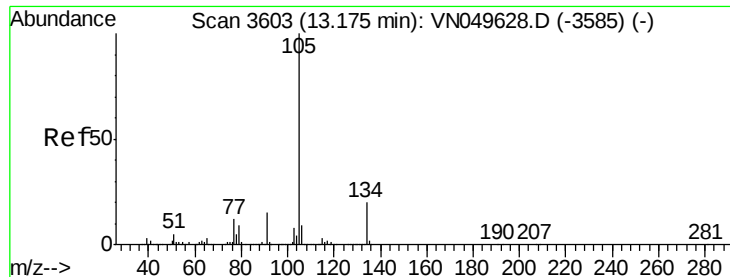
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.648 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.665 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

VN0703WBS01

Tot Ion:105 Resp: 1373242

Ion Ratio Lower Upper

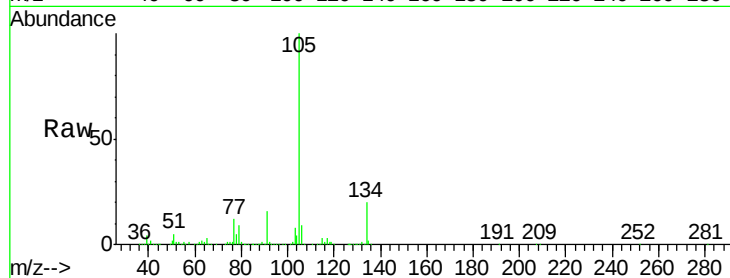
105 100

134 19.8 10.1 30.1

Manual Integrations
APPROVED

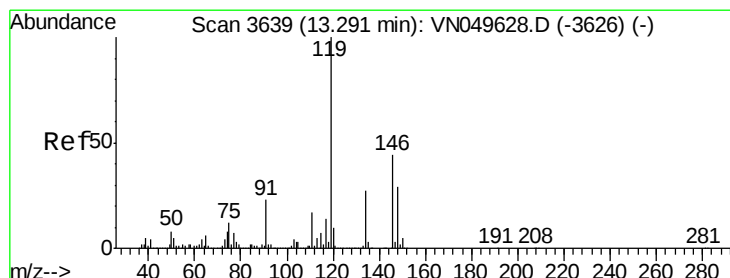
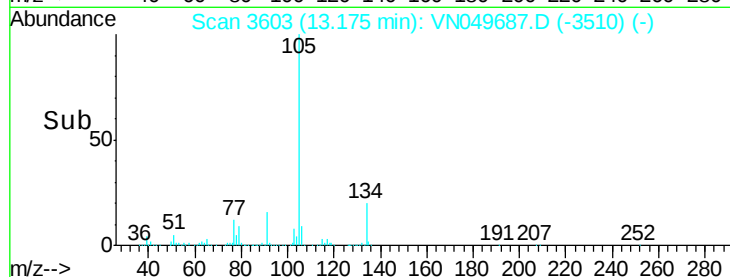
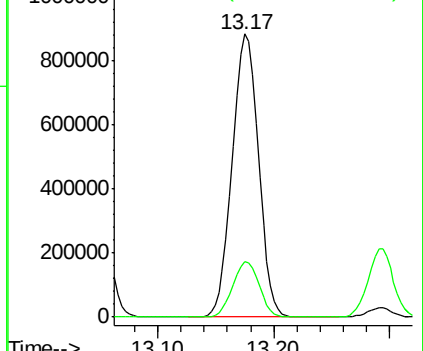
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.946 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

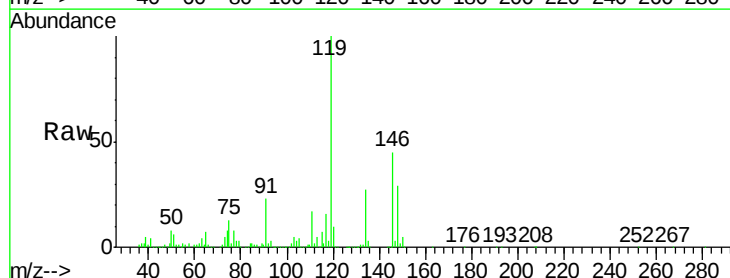
Tgt Ion:119 Resp: 1205584

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

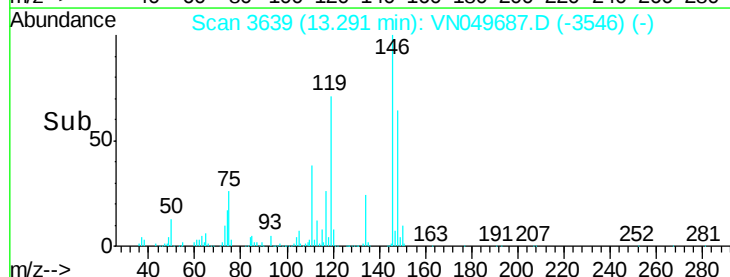
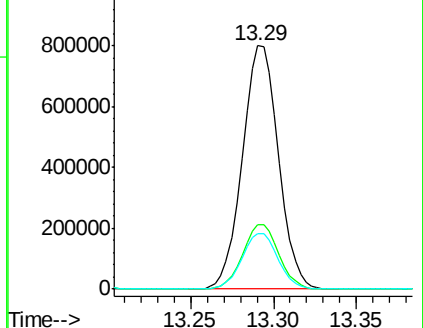
91 23.0 11.4 34.1

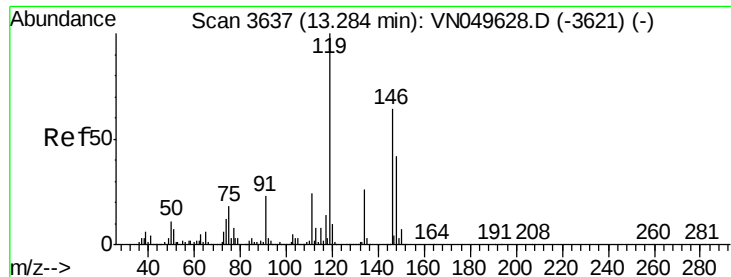


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





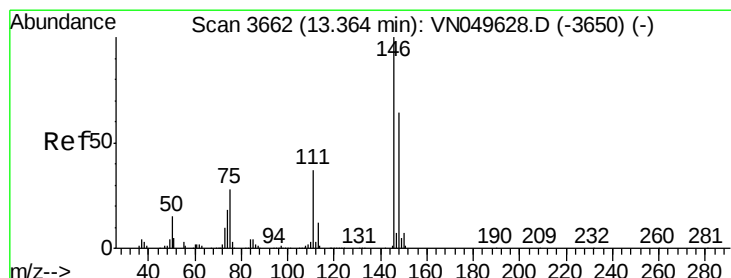
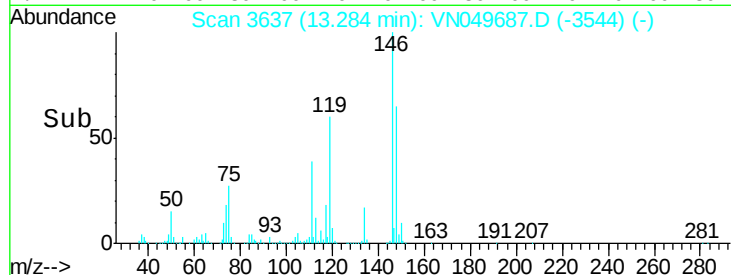
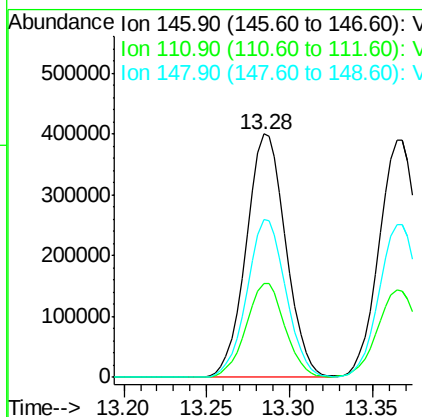
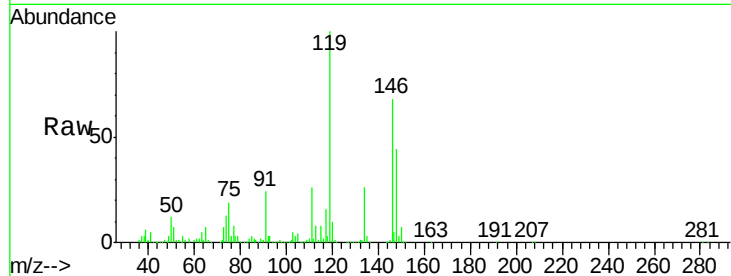
#87
 1,3-Dichlorobenzene
 Concen: 20.247 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.7	32.5	97.5

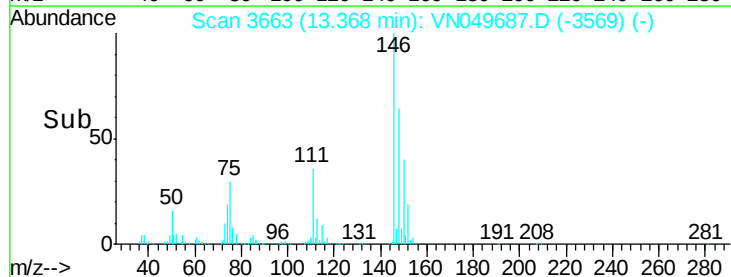
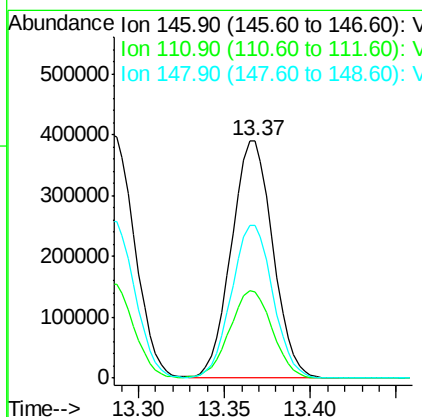
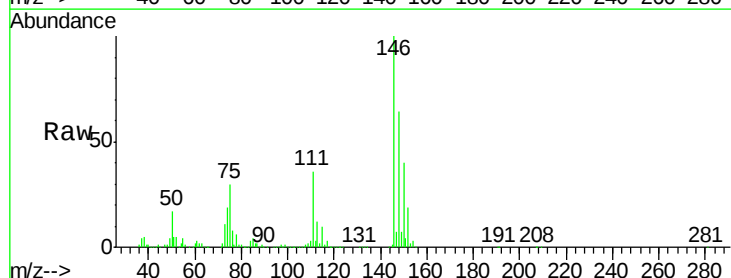
Manual Integrations
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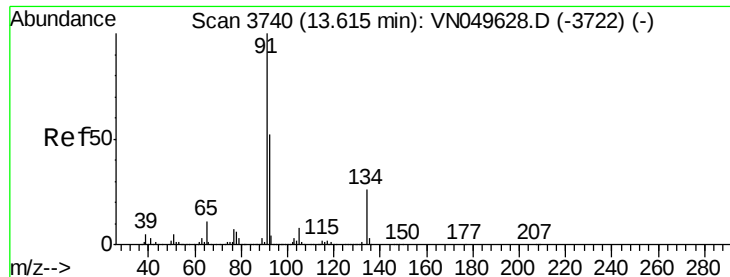
sam
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#88
 1,4-Dichlorobenzene
 Concen: 20.276 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.5
148	64.6	32.1	96.3





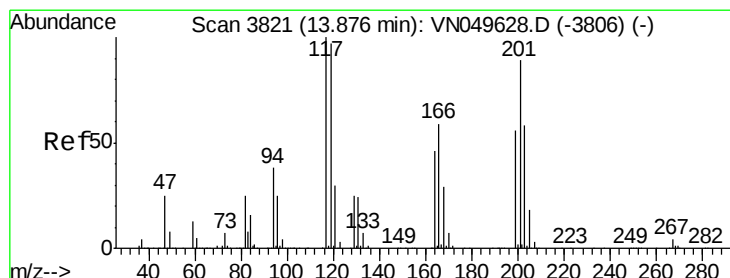
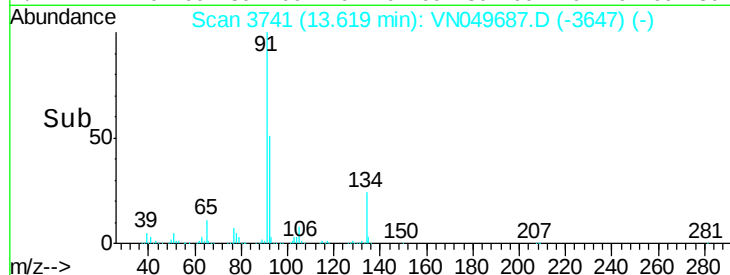
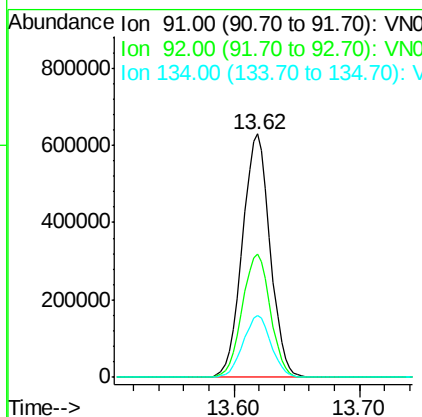
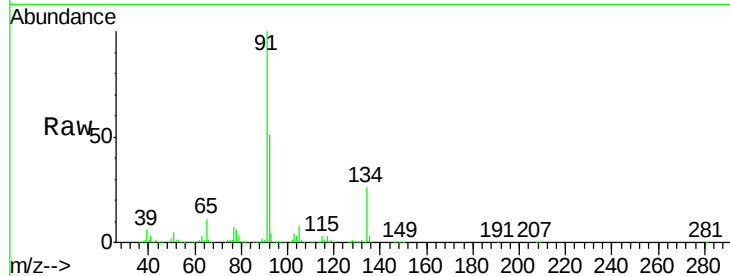
#89
n-Butylbenzene
Concen: 19.549 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	25.7	13.0	38.9

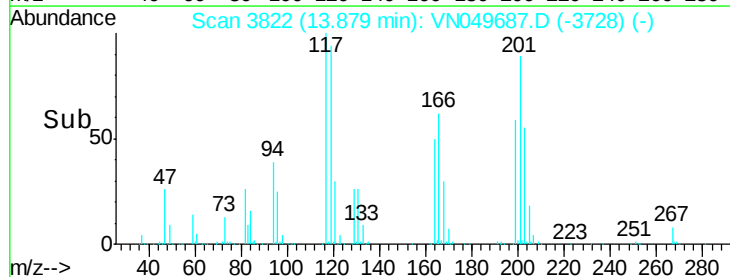
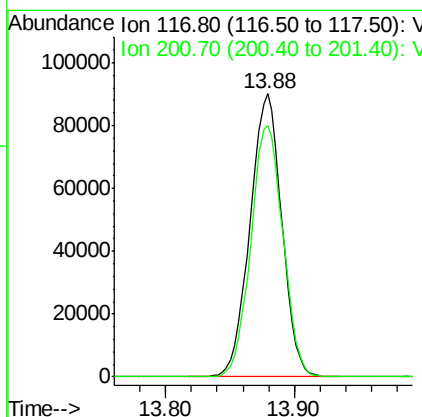
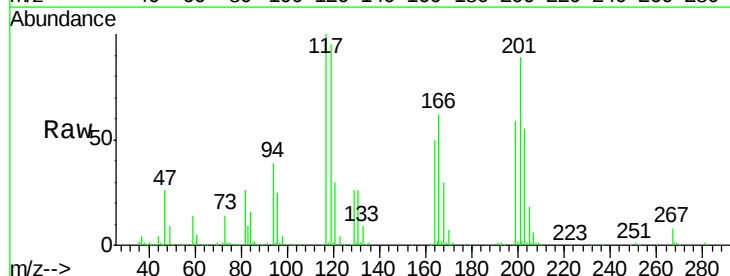
Manual Integrations
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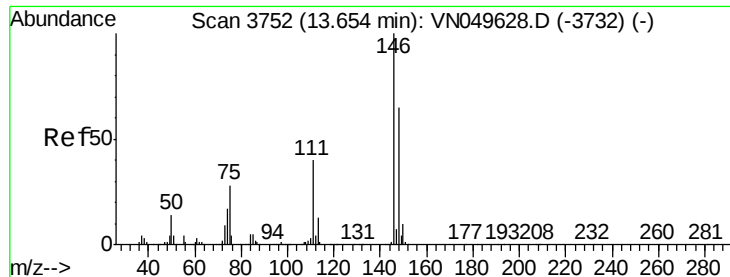
sam
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#90
Hexachloroethane
Concen: 25.658 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	45.3	135.8





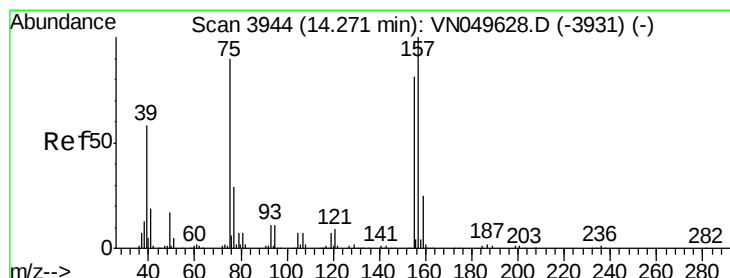
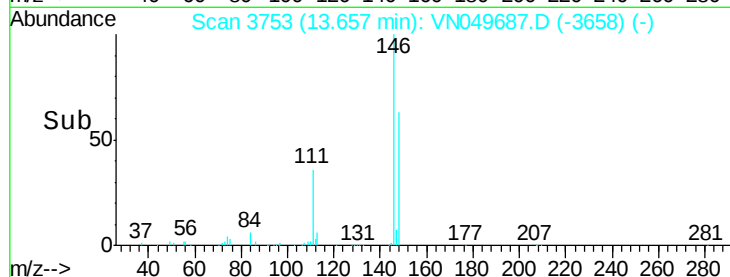
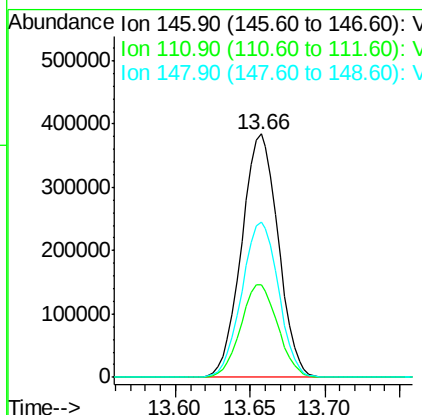
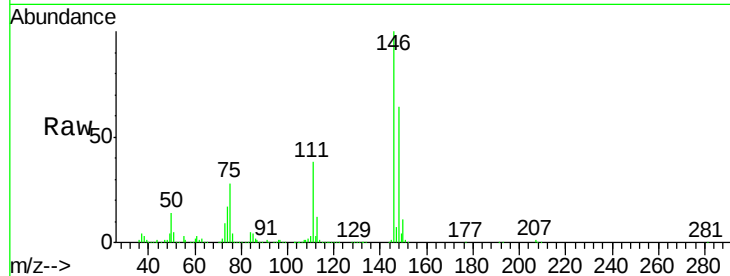
#91
 1,2-Dichlorobenzene
 Concen: 20.411 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.1
148	64.0	32.0	96.2

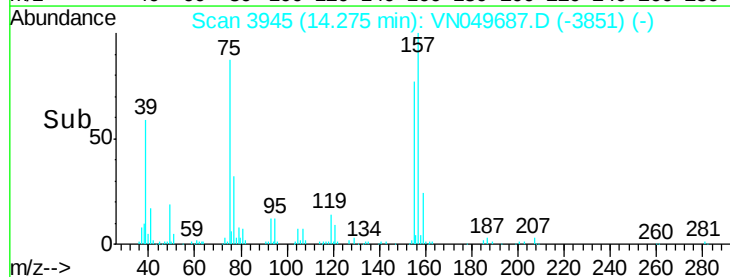
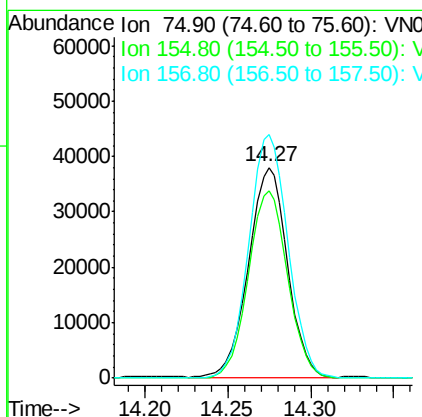
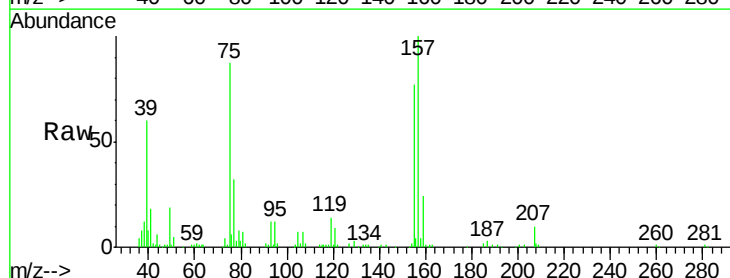
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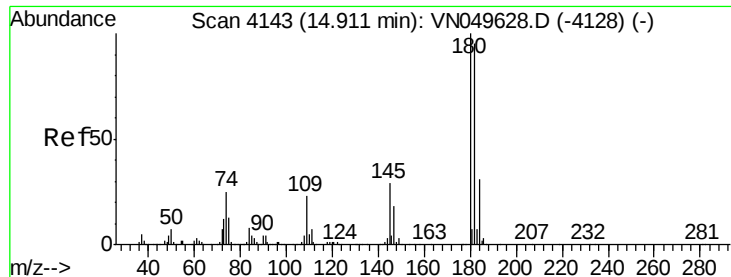
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.675 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.7	137.1
157	117.6	56.9	170.7





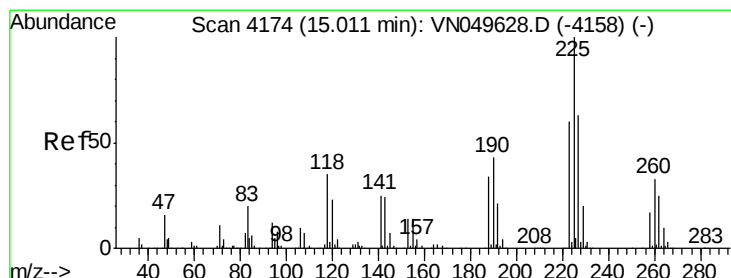
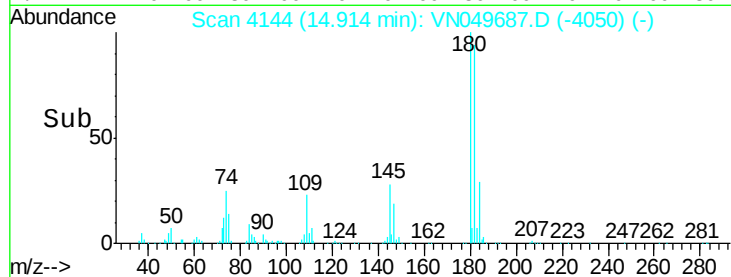
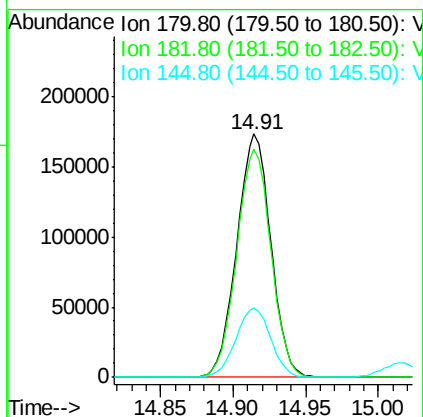
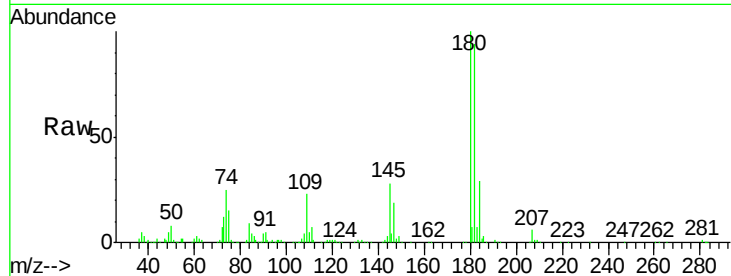
#93
 1,2,4-Trichlorobenzene
 Concen: 18.962 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282707		
182	94.5	47.3	141.9	
145	29.4	14.4	43.0	

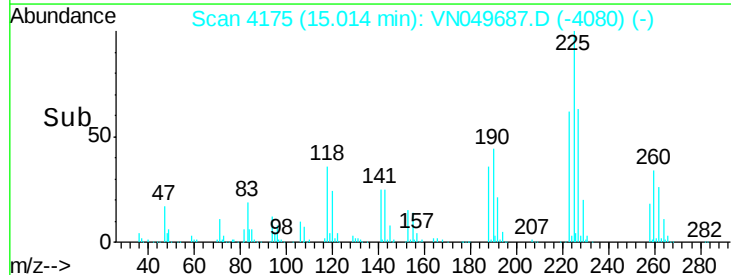
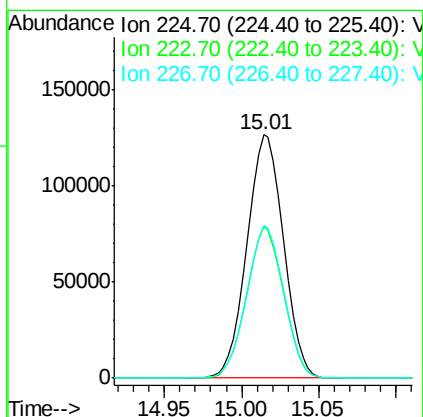
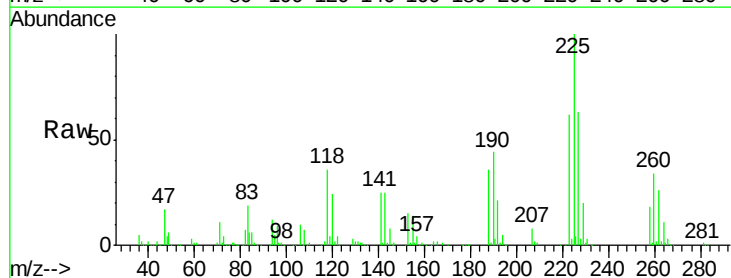
Manual Integrations
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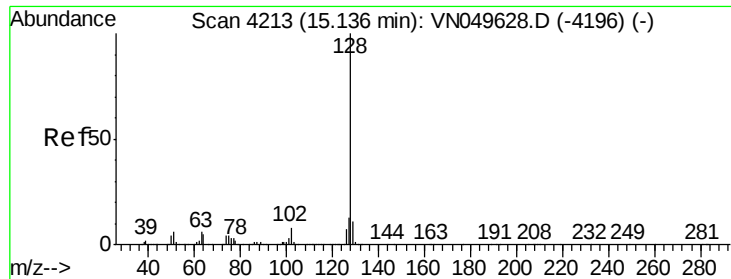
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#94
 Hexachlorobutadiene
 Concen: 20.973 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	208627		
223	62.7	30.9	92.7	
227	63.4	31.8	95.4	





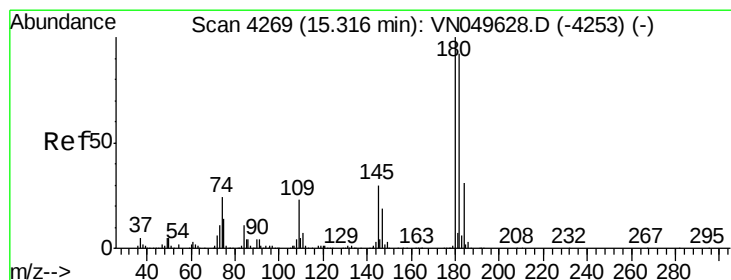
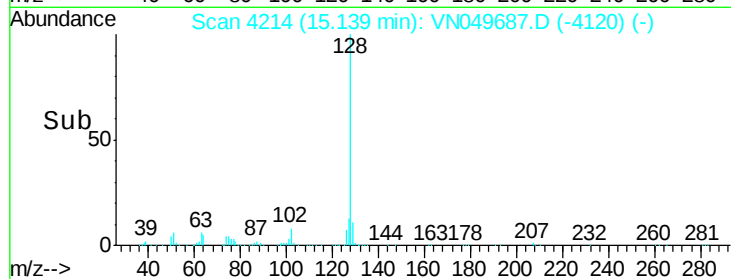
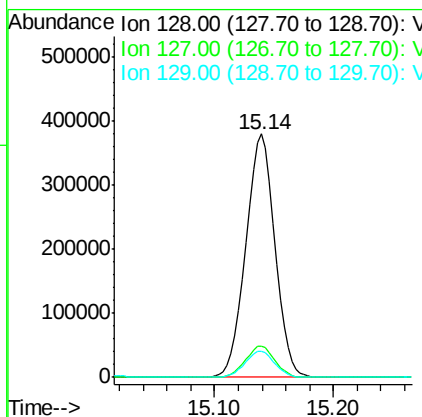
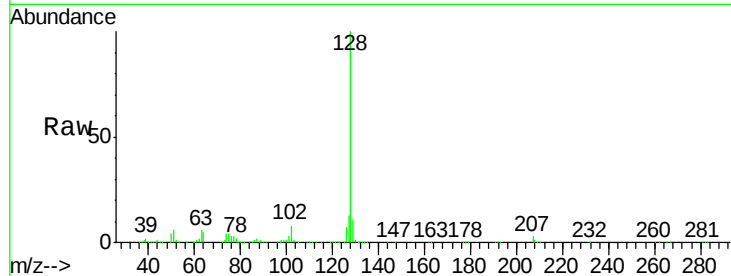
#95
Naphthalene
Concen: 20.521 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.732 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	29.6	15.2	45.6

