

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049533.D
 Acq On : 26 Jun 2018 1:46
 Operator : MD\SY
 Sample : VN0625WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Manual Integrations
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 6/26/2018 5:16:01 PM

Quant Time: Jun 26 03:43:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1404035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2111841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1901237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	860578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909158	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	821925	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.09	98	3087708	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.40	95	995206	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	263990	16.34	ug/l	98
3) Chloromethane	2.06	50	345842	16.57	ug/l	100
4) Vinyl Chloride	2.18	62	382970	17.27	ug/l	100
5) Bromomethane	2.57	94	228759	19.62	ug/l	98
6) Chloroethane	2.71	64	242708	18.35	ug/l	99
7) Trichlorofluoromethane	3.02	101	525396	18.99	ug/l	100
8) Diethyl Ether	3.41	74	178583	18.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324374	18.48	ug/l	94
10) Methyl Iodide	3.95	142	364937	19.98	ug/l	92
11) Tert butyl alcohol	4.79	59	100885	92.30	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	292892	18.19	ug/l	88
13) Acrolein	3.61	56	128531	112.14	ug/l	98
14) Allyl chloride	4.32	41	463187	18.22	ug/l	90
15) Acrylonitrile	5.00	53	510657	93.44	ug/l	99
16) Acetone	3.82	43	355428	78.61	ug/l	92
17) Carbon Disulfide	4.05	76	836540	16.58	ug/l	100
18) Methyl Acetate	4.33	43	288610	20.93	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	794716	19.36	ug/l	98
20) Methylene Chloride	4.55	84	349448	18.50	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	315154	18.49	ug/l	92
22) Diisopropyl ether	5.96	45	1011577	19.93	ug/l	97
23) Vinyl Acetate	5.90	43	3081477	93.12	ug/l	96
24) 1,1-Dichloroethane	5.85	63	615367	18.94	ug/l	99
25) 2-Butanone	6.84	43	540787	89.07	ug/l	97
26) 2,2-Dichloropropane	6.82	77	431267	16.44	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	366827	19.36	ug/l	89
28) Bromochloromethane	7.20	49	288285	20.01	ug/l #	83
29) Tetrahydrofuran	7.22	42	360277	92.19	ug/l	93
30) Chloroform	7.37	83	629121	19.46	ug/l	100
31) Cyclohexane	7.66	56	522835	18.87	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	538820	19.53	ug/l	96
36) 1,1-Dichloropropene	7.79	75	455428	18.82	ug/l	97
37) Ethyl Acetate	6.93	43	240067	18.24	ug/l #	95
38) Carbon Tetrachloride	7.77	117	477136	19.04	ug/l	99

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	457875	17.62	ug/l	98
40) Benzene	8.04	78	1400614	18.88	ug/l	98
41) Methacrylonitrile	7.18	41	139795	19.65	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	440337	19.21	ug/l	96
43) Isopropyl Acetate	8.17	43	484075	19.25	ug/l	97
44) Trichloroethene	8.84	130	382052	19.50	ug/l	93
45) 1,2-Dichloropropane	9.12	63	372004	19.15	ug/l	99
46) Dibromomethane	9.21	93	214797	19.07	ug/l	90
47) Bromodichloromethane	9.40	83	472675	19.09	ug/l	94
48) Methyl methacrylate	9.20	41	220241	18.60	ug/l	87
49) 1,4-Dioxane	9.20	88	56012	342.79	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1254539	95.21	ug/l	95
52) Toluene	10.16	92	852253	19.57	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	430162	18.16	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	510188	18.24	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	305558	18.82	ug/l	98
56) Ethyl methacrylate	10.43	69	343862	18.36	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	515731	19.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	470436	80.55	ug/l	96
59) 2-Hexanone	10.75	43	766948	90.28	ug/l	95
60) Dibromochloromethane	10.90	129	338349	18.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	286766	19.00	ug/l	100
64) Tetrachloroethene	10.63	164	423487	21.74	ug/l	98
65) Chlorobenzene	11.44	112	923397	18.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	350326	19.01	ug/l	99
67) Ethyl Benzene	11.51	91	1552645	19.11	ug/l	97
68) m/p-Xylenes	11.62	106	1194661	39.18	ug/l	96
69) o-Xylene	11.95	106	571968	19.48	ug/l	96
70) Styrene	11.97	104	893834	19.29	ug/l	98
71) Bromoform	12.13	173	225905	18.93	ug/l #	100
73) Isopropylbenzene	12.25	105	1519762	20.11	ug/l	98
74) N-amyl acetate	12.07	43	332991	17.99	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	327520	19.71	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	273820m	18.65	ug/l	
77) Bromobenzene	12.53	156	385387	19.31	ug/l	90
78) n-propylbenzene	12.59	91	1680062	20.25	ug/l	99
79) 2-Chlorotoluene	12.68	91	1039500	19.77	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1229791	20.71	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	79080	17.02	ug/l	93
82) 4-Chlorotoluene	12.78	91	1010542	19.93	ug/l	97
83) tert-Butylbenzene	12.99	119	1042523	19.81	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1226560	20.79	ug/l	99
85) sec-Butylbenzene	13.17	105	1378690	19.69	ug/l	99
86) p-Isopropyltoluene	13.29	119	1146179	19.59	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	627295	19.11	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	603207	18.54	ug/l	99
89) n-Butylbenzene	13.62	91	800004	17.51	ug/l	99
90) Hexachloroethane	13.88	117	235087	20.22	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	616715	19.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46409	17.64	ug/l	87

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0625WBSD02

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Quant Time: Jun 26 03:43:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	180373	15.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	193250	18.82	ug/l	99
95) Naphthalene	15.14	128	350756	16.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	202879	16.55	ug/l	98

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

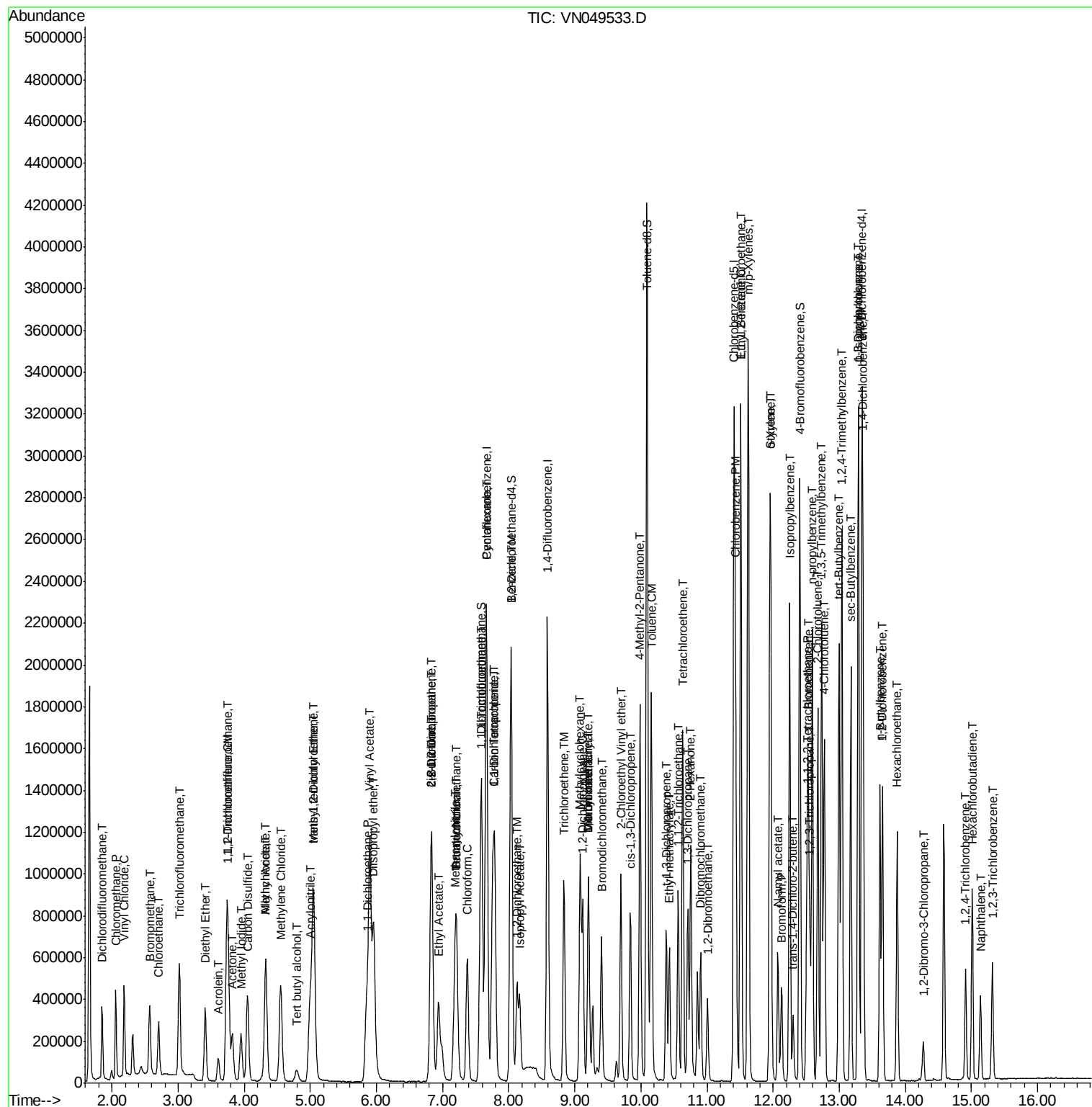
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049533.D
Acq On : 26 Jun 2018 1:46
Operator : MD\SY
Sample : VN0625WBSD02
Misc : 5.00mL/MSVOA N/WATER
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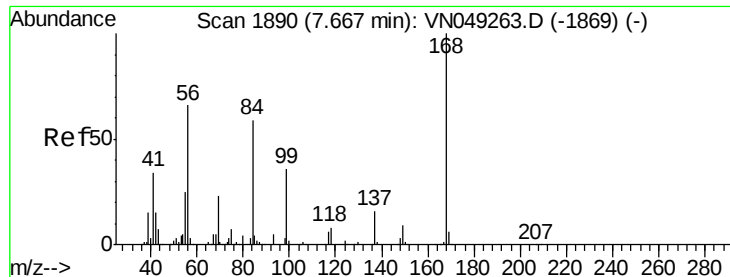
Instrument :
MSVOA_N
Client Sampled :
VN0625WBSD02

Manual Integrations
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Quant Time: Jun 26 03:43:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:168 Resp: 1404035

Ion Ratio Lower Upper

168 100

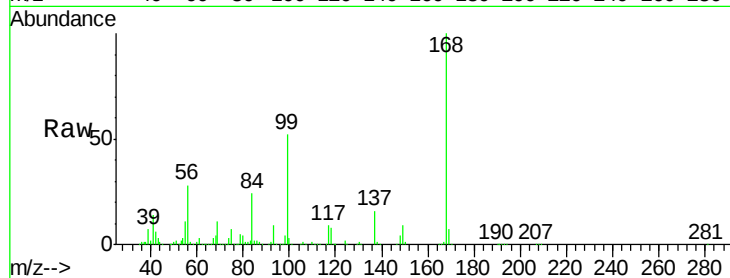
99 51.6 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

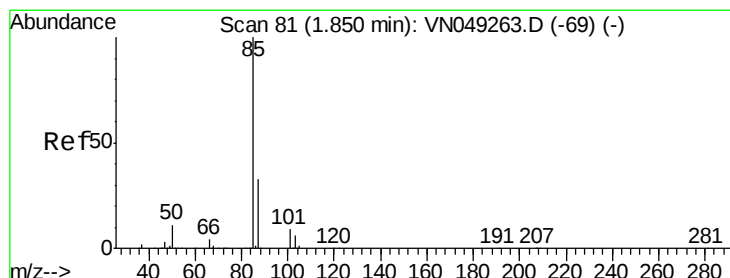
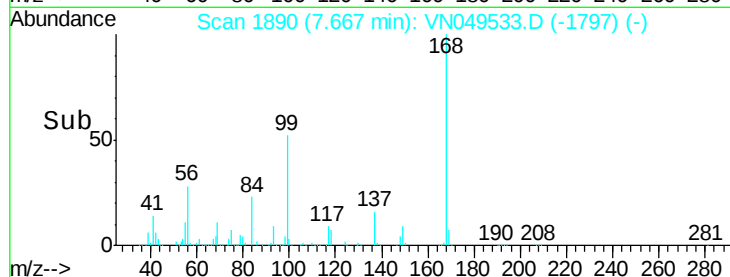
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.34 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049533.D

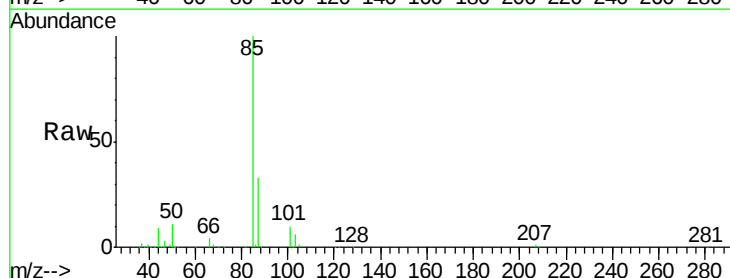
Acq: 26 Jun 2018 1:46

Tgt Ion: 85 Resp: 263990

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

150000

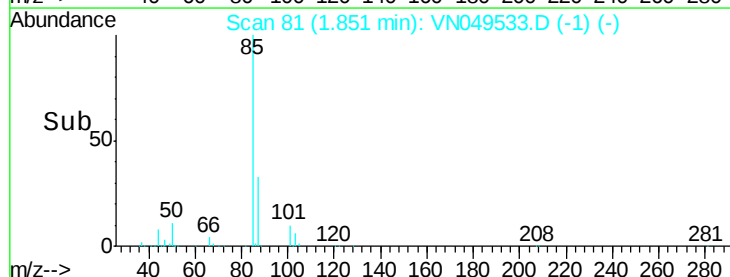
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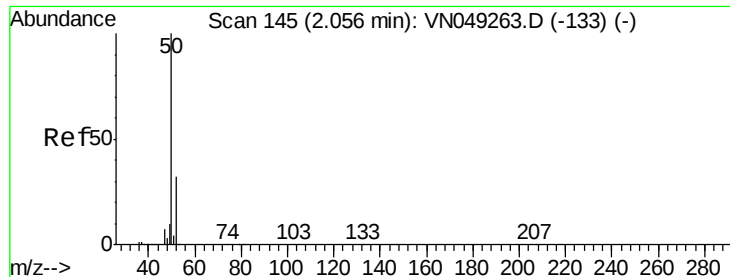
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.57 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 50 Resp: 345842

Ion Ratio Lower Upper

50 100

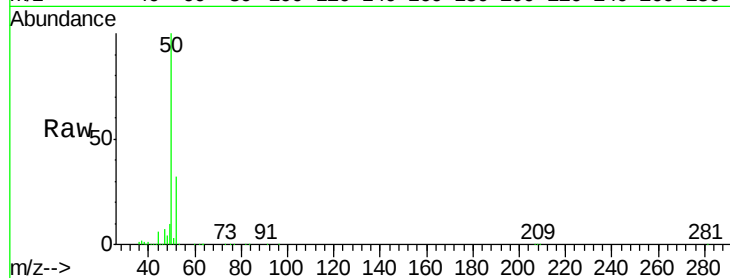
52 31.7 25.2 37.8

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

250000

200000

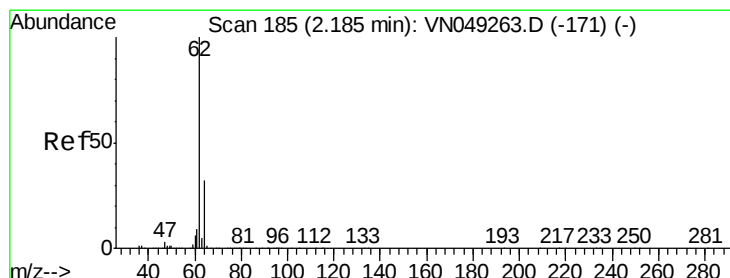
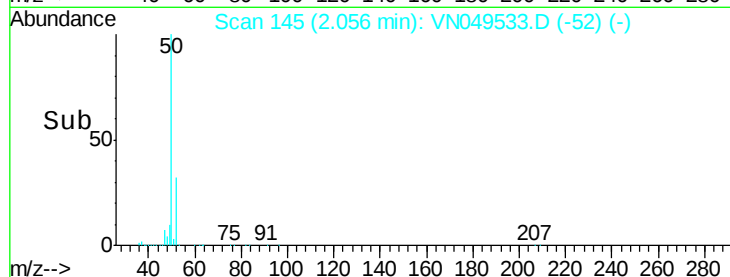
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.27 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049533.D

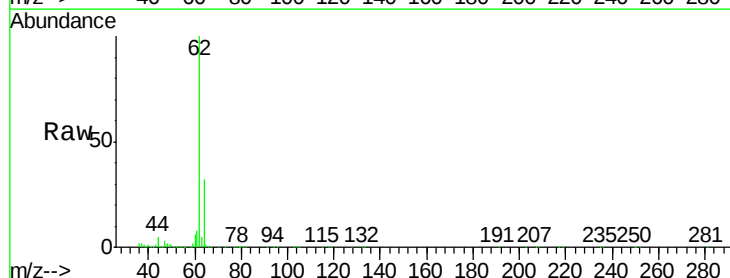
Acq: 26 Jun 2018 1:46

Tgt Ion: 62 Resp: 382970

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

300000

250000

200000

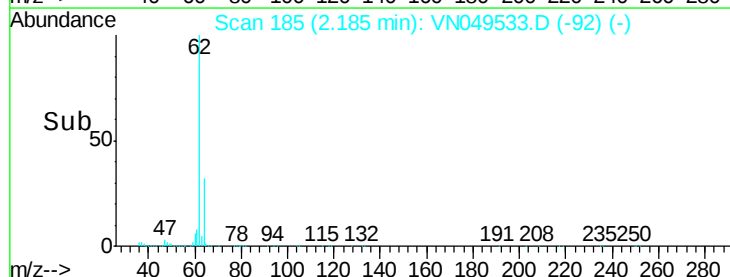
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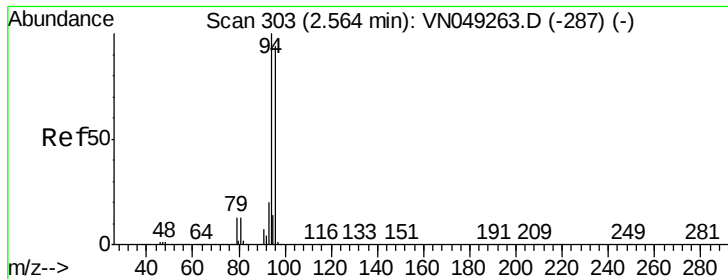
100000

50000

0

Time-->





#5

Bromomethane

Concen: 19.62 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 94 Resp: 228759

Ion Ratio Lower Upper

94 100

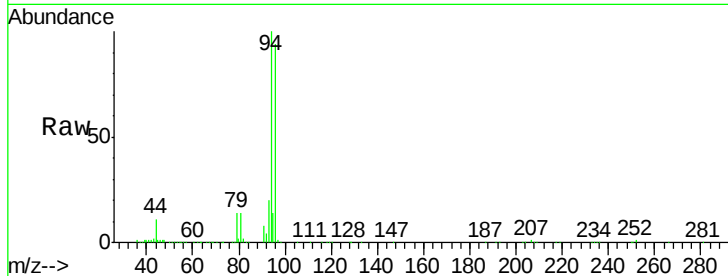
96 93.1 72.8 109.2

Manual Integrations

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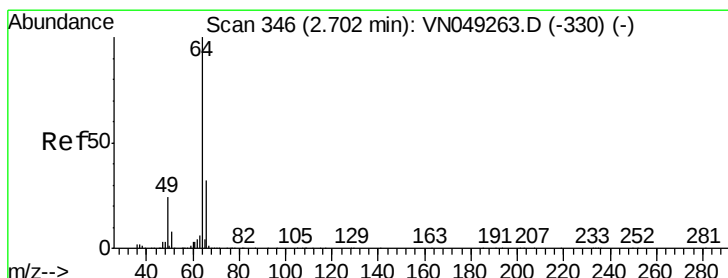
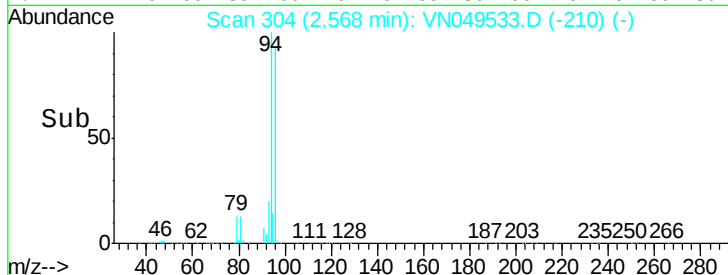
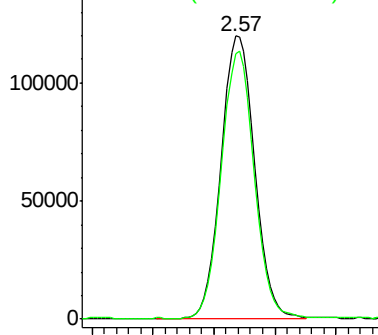
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.35 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049533.D

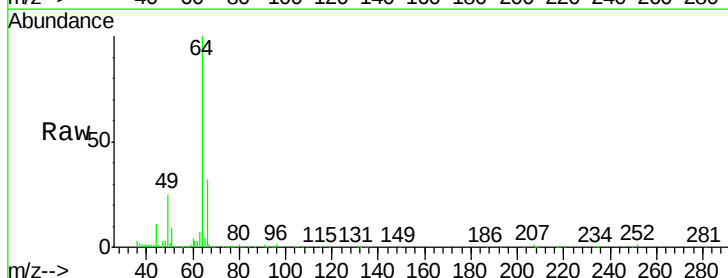
Acq: 26 Jun 2018 1:46

Tgt Ion: 64 Resp: 242708

Ion Ratio Lower Upper

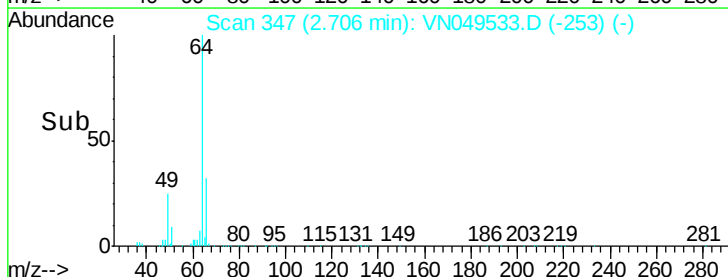
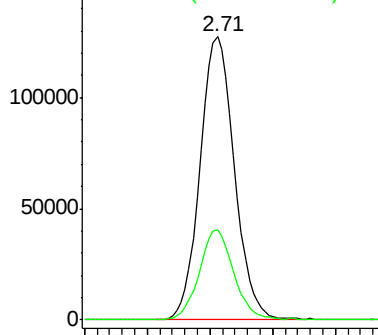
64 100

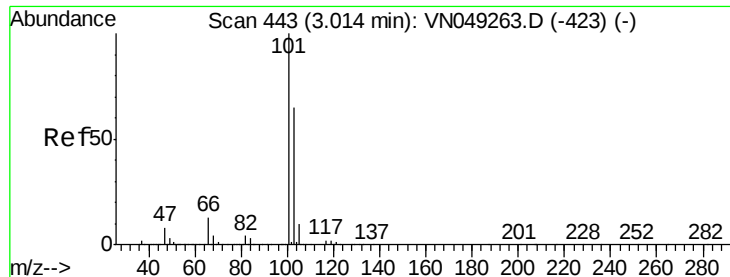
66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.99 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:101 Resp: 525396

Ion Ratio Lower Upper

101 100

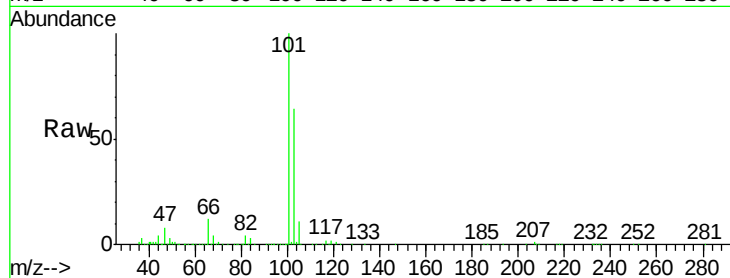
103 64.4 51.7 77.5

Manual Integrations

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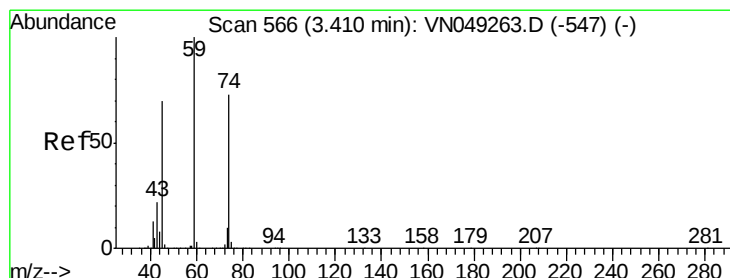
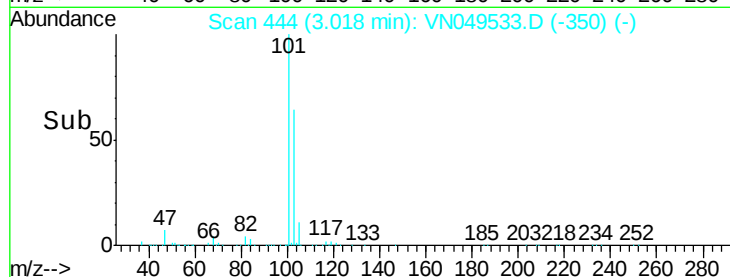
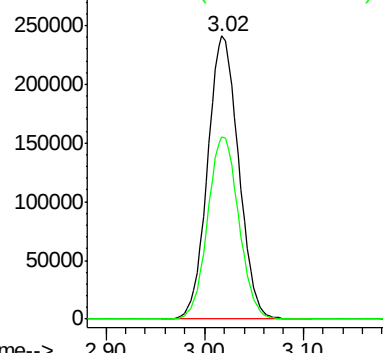
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.49 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049533.D

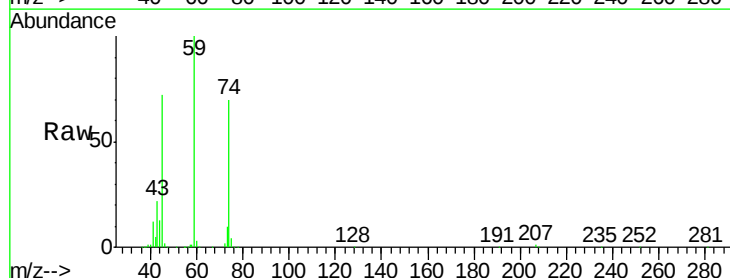
Acq: 26 Jun 2018 1:46

Tgt Ion: 74 Resp: 178583

Ion Ratio Lower Upper

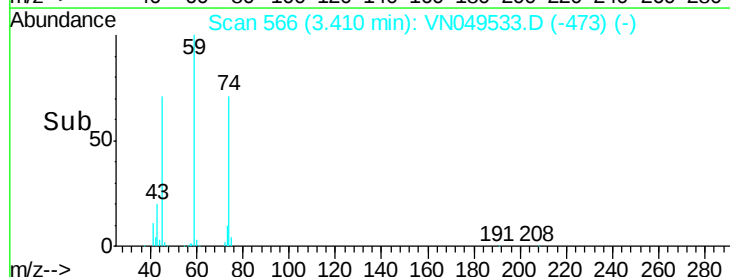
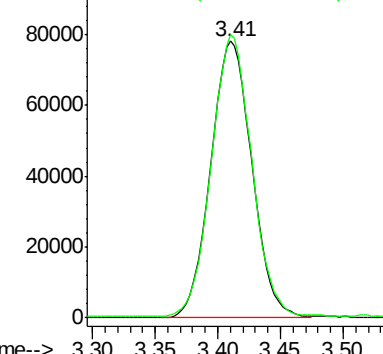
74 100

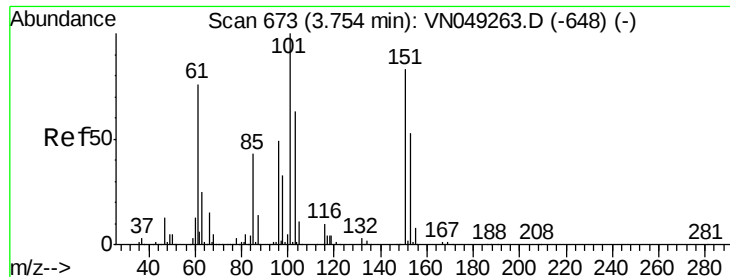
45 99.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.48 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

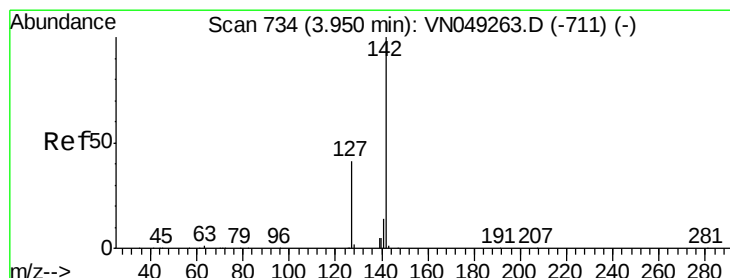
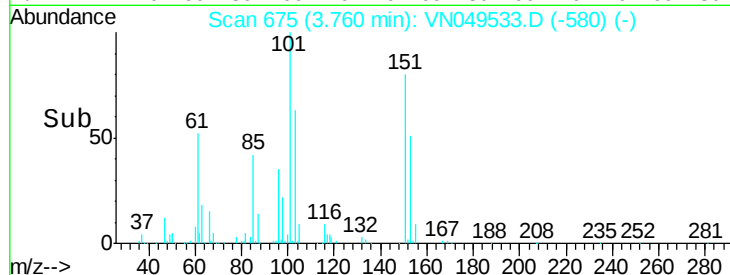
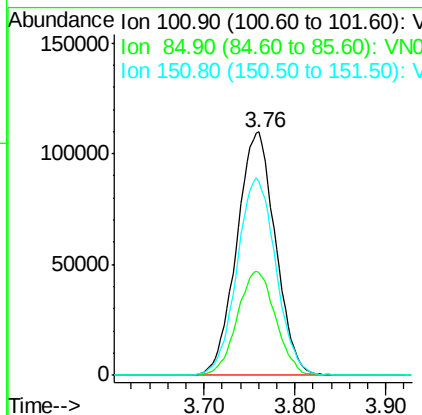
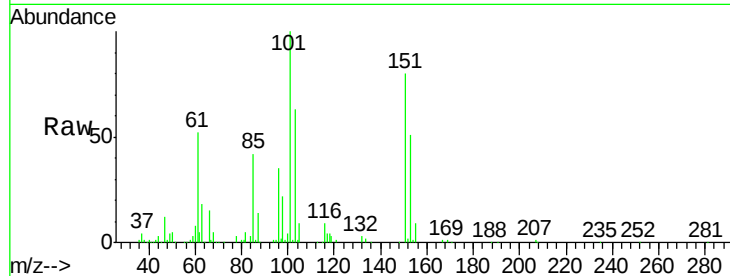
ClientSampleId :

VN0625WBSD02

Tot Ion:	101	Resp:	324374
Ion Ratio	Lower	Upper	
101	100		
85	42.5	37.6	56.4
151	81.4	61.1	91.7

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#10

Methyl Iodide

Concen: 19.98 ug/l

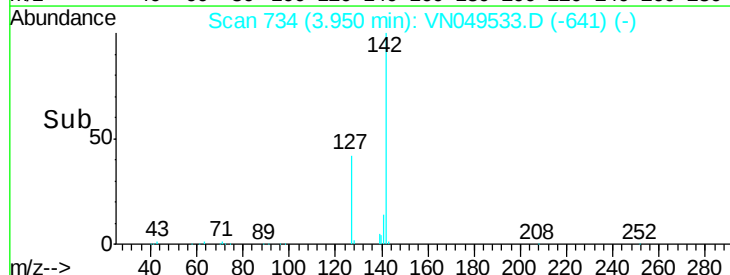
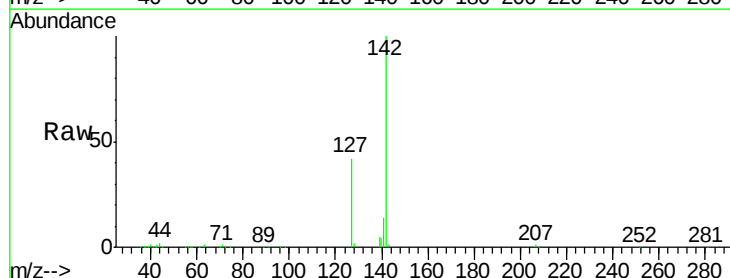
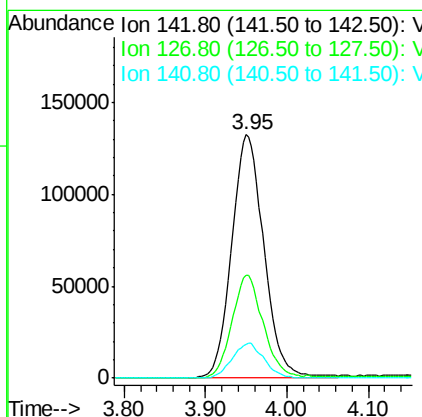
RT: 3.95 min Scan# 734

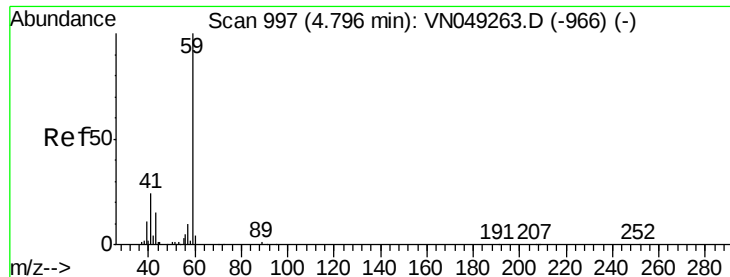
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	142	Resp:	364937
Ion Ratio	Lower	Upper	
142	100		
127	40.9	38.2	57.4
141	14.1	11.9	17.9





#11

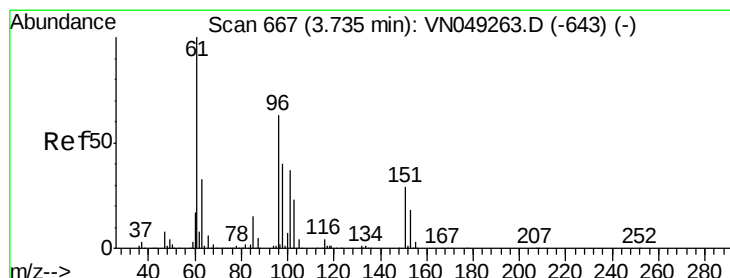
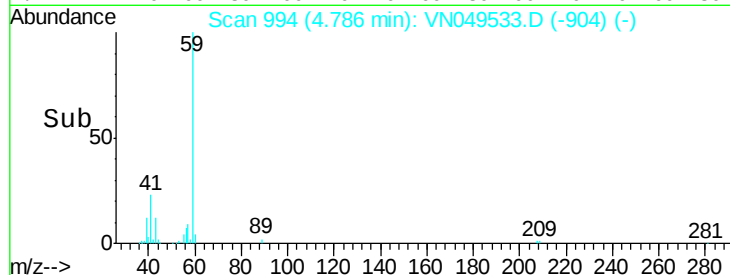
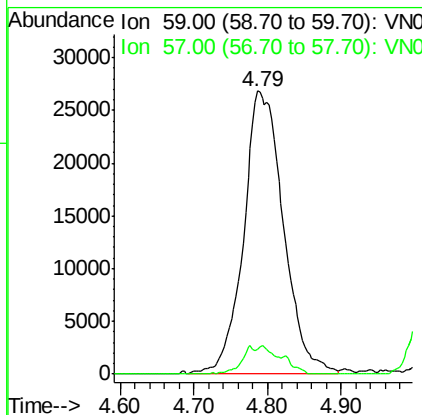
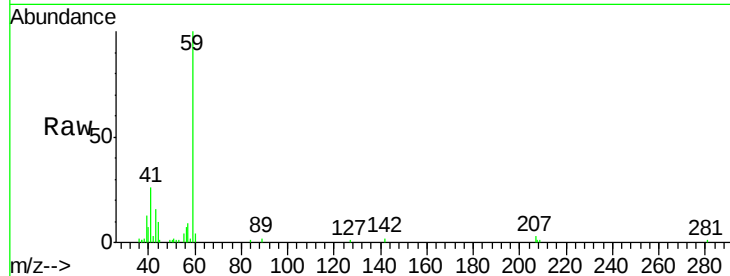
Tert butyl alcohol
 Concen: 92.30 ug/l
 RT: 4.79 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	100885		
57	57	0.0	9.0	13.6#	

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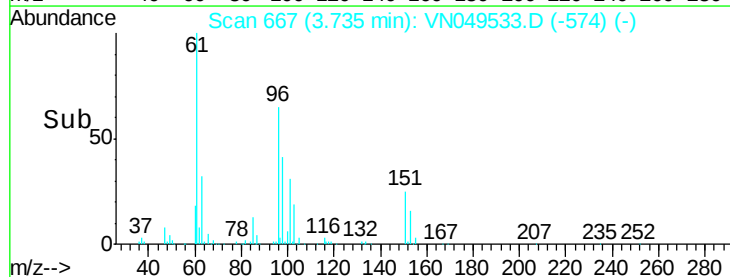
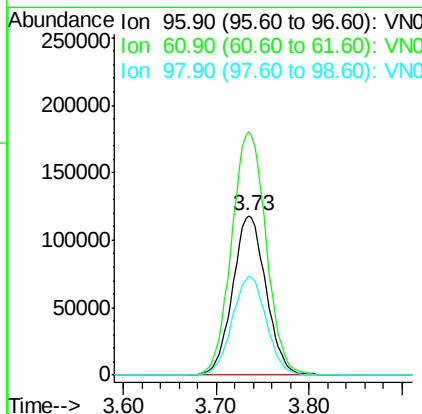
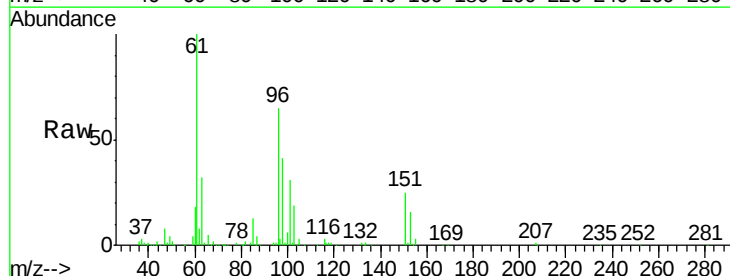
apatel
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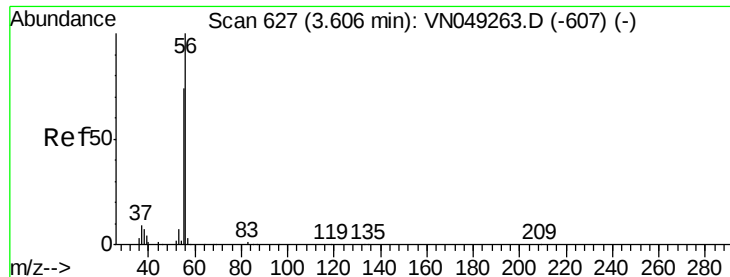


#12

1,1-Dichloroethene
 Concen: 18.19 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	292892		
61	61	153.3	141.0	211.4	
98	98	62.2	50.4	75.6	





#13

Acrolein

Concen: 112.14 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 56 Resp: 128531

Ion Ratio Lower Upper

56 100

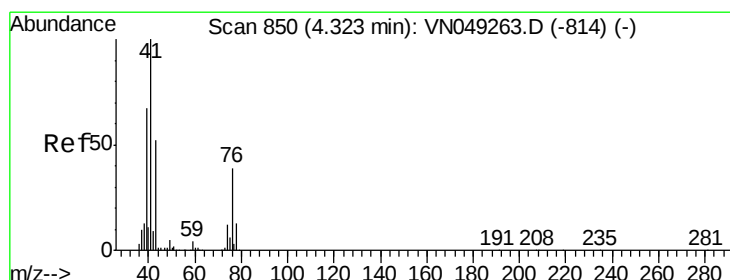
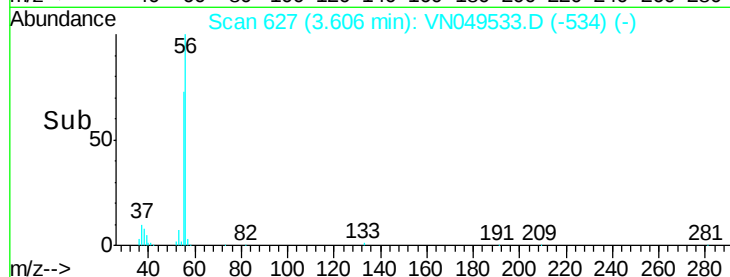
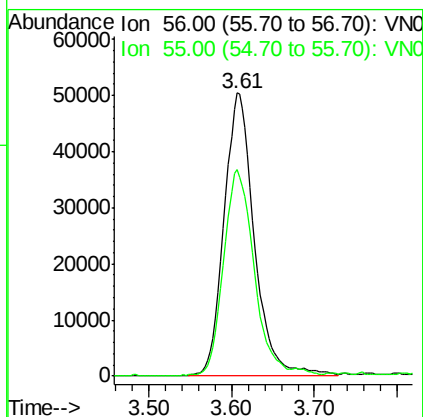
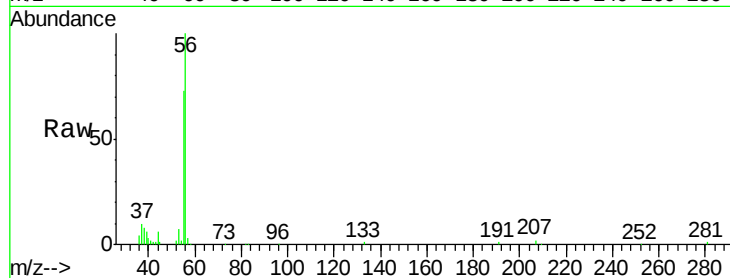
55 73.0 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 18.22 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

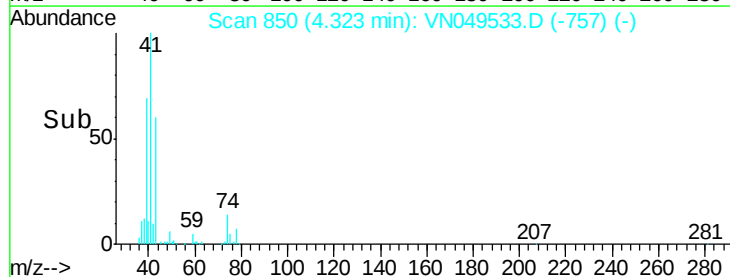
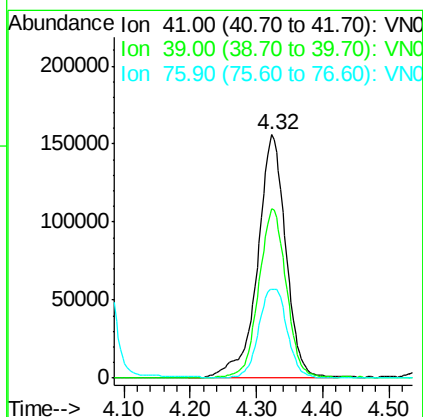
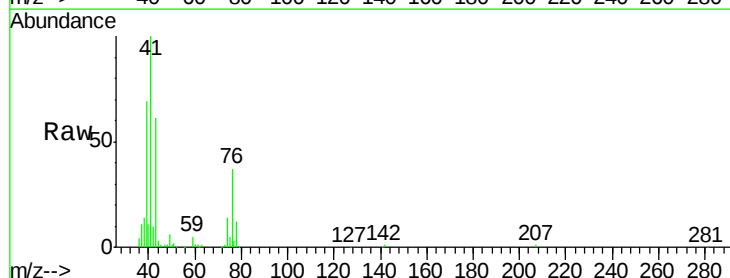
Tgt Ion: 41 Resp: 463187

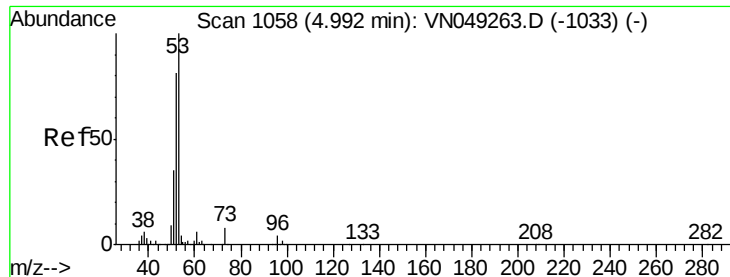
Ion Ratio Lower Upper

41 100

39 67.1 62.5 93.7

76 35.7 27.1 40.7





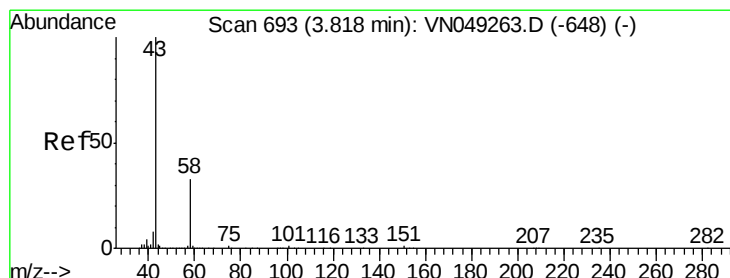
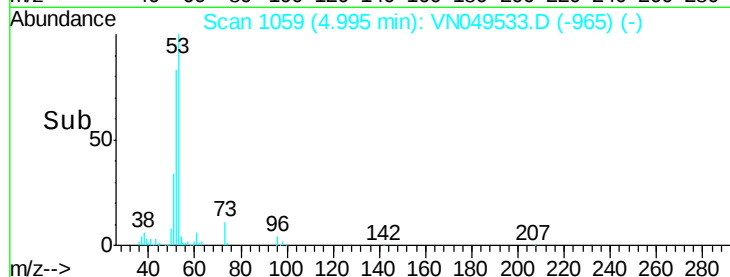
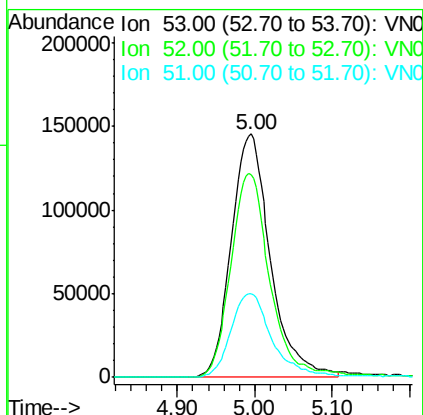
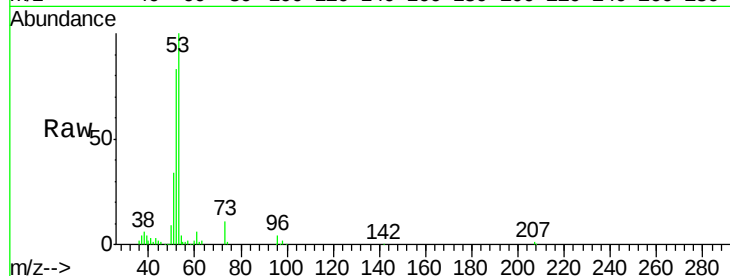
#15
 Acrylonitrile
 Concen: 93.44 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion:	53	Resp:	510657
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.6	100.0
51	36.0	29.8	44.8

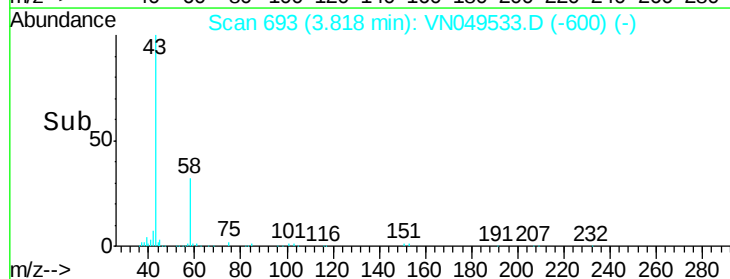
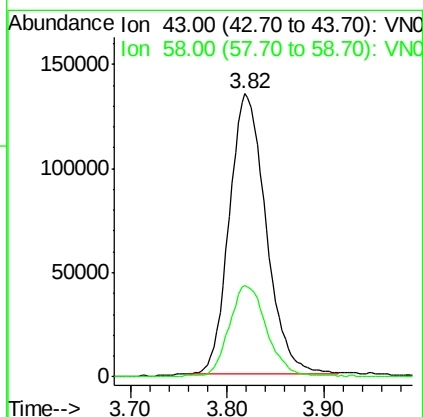
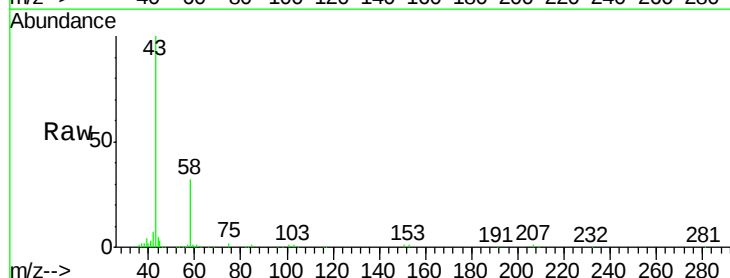
Manual Integrations
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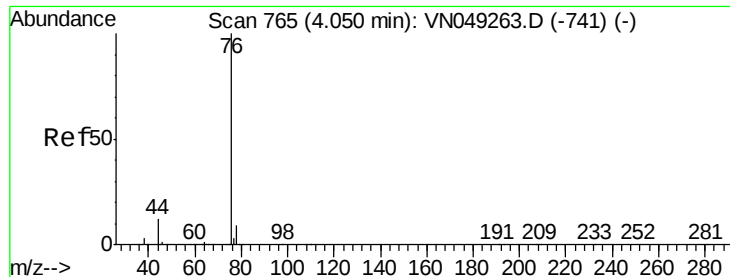
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#16
 Acetone
 Concen: 78.61 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion:	43	Resp:	355428
Ion Ratio	Lower	Upper	
43	100		
58	32.3	22.4	33.6





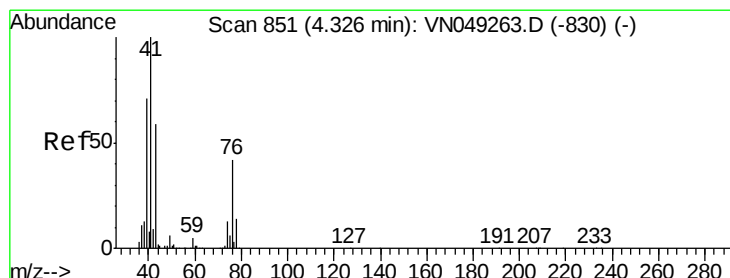
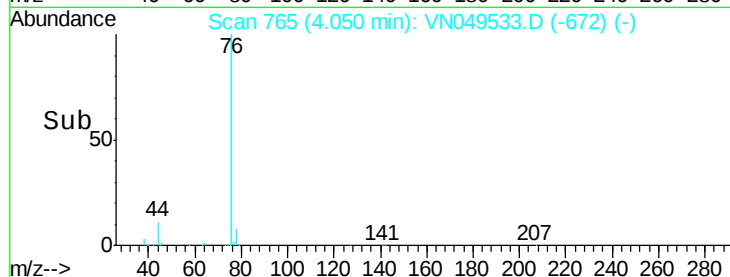
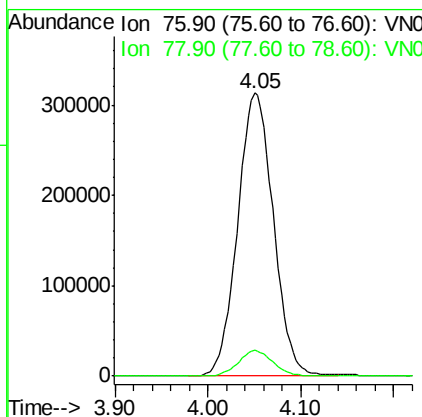
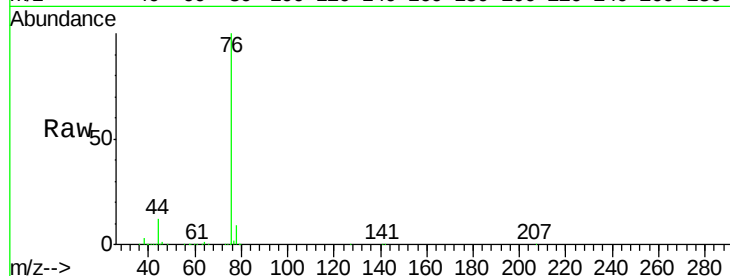
#17
Carbon Disulfide
Concen: 16.58 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

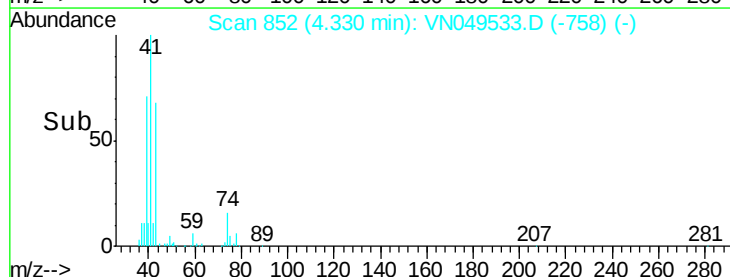
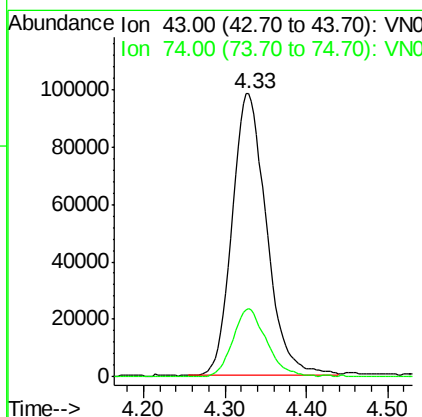
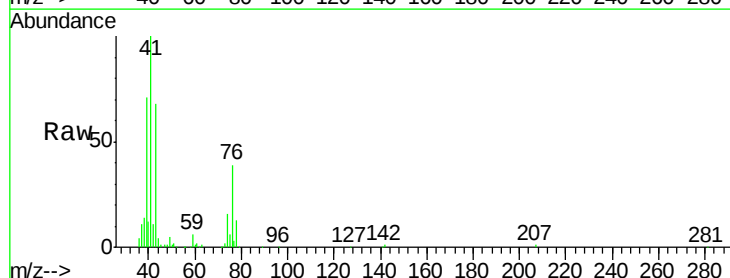
Manual Integrations
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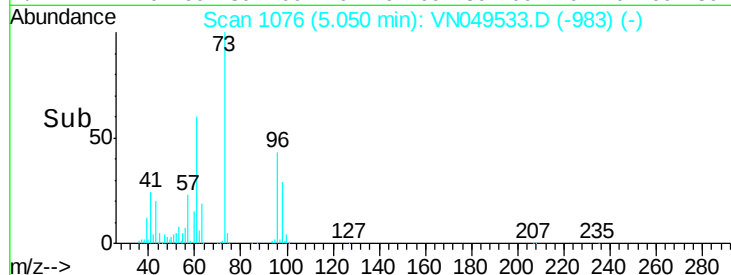
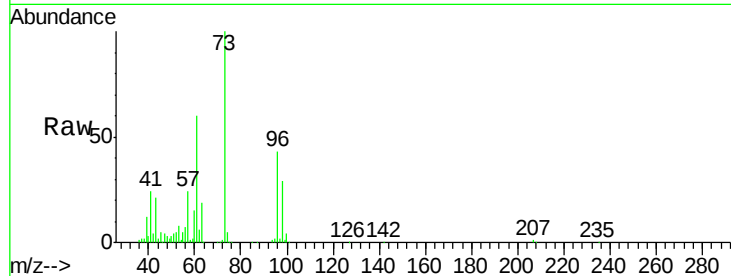
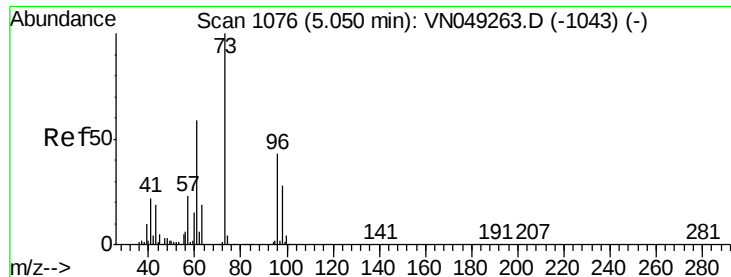
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#18
Methyl Acetate
Concen: 20.93 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	17.4	26.0





#19

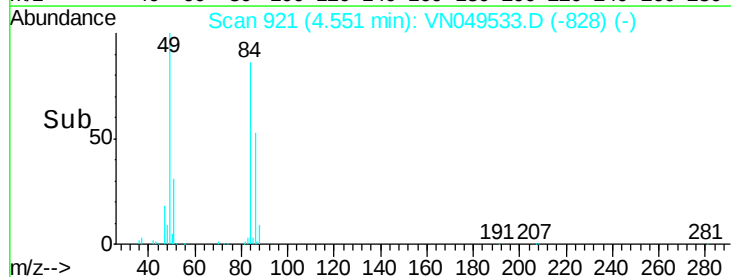
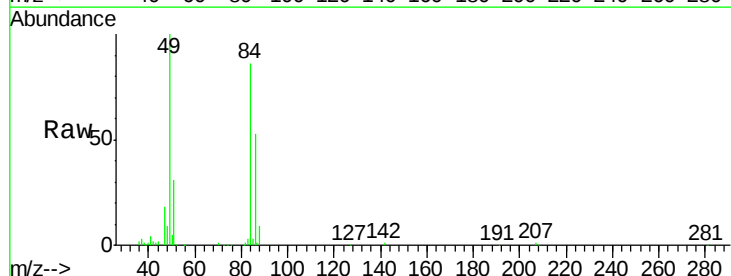
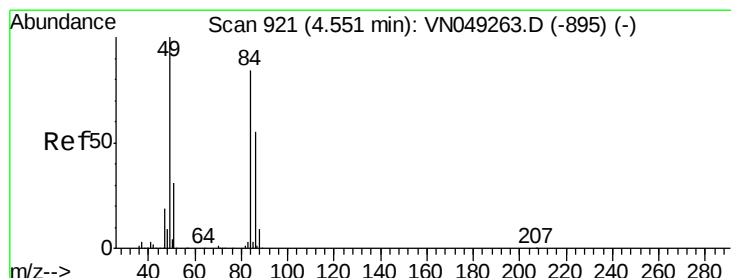
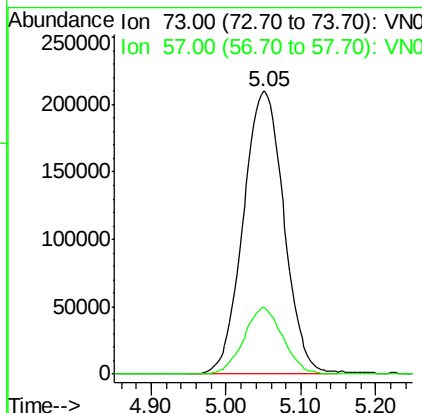
Methyl tert-butyl Ether
Concen: 19.36 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.2	27.4

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Manual Integrations
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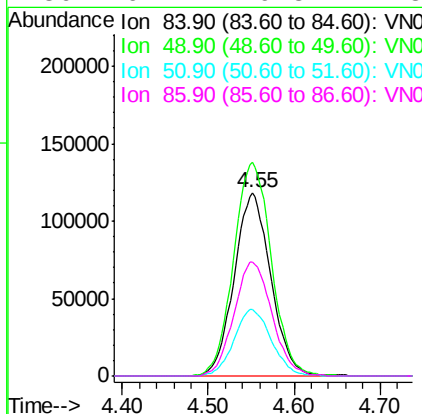
apatel
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#20

Methylene Chloride
Concen: 18.50 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	106.9	160.3
51	35.8	32.7	49.1
86	62.1	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 18.49 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

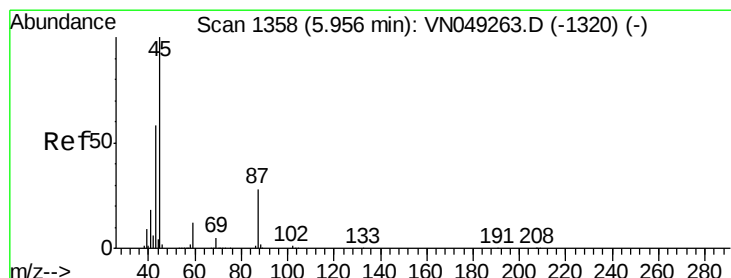
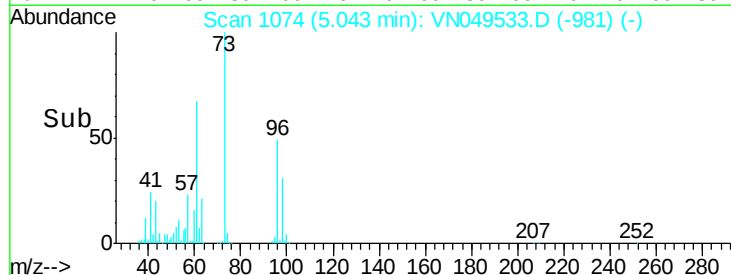
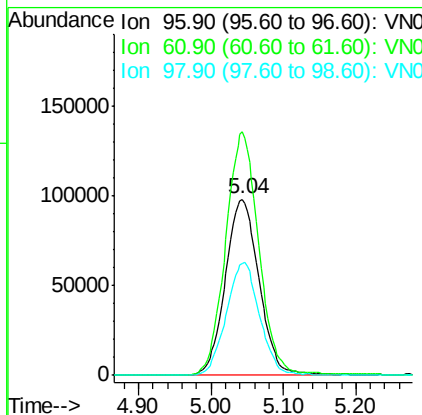
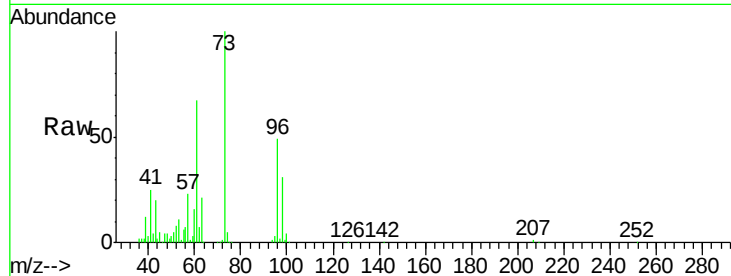
ClientSampleId :

VN0625WBSD02

Tot Ion:	96	Resp:	315154
Ion Ratio	Lower	Upper	
96	100		
61	138.1	121.3	181.9
98	63.8	52.0	78.0

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#22

Diisopropyl ether

Concen: 19.93 ug/l

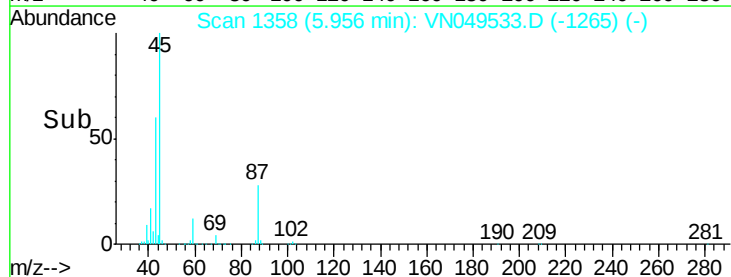
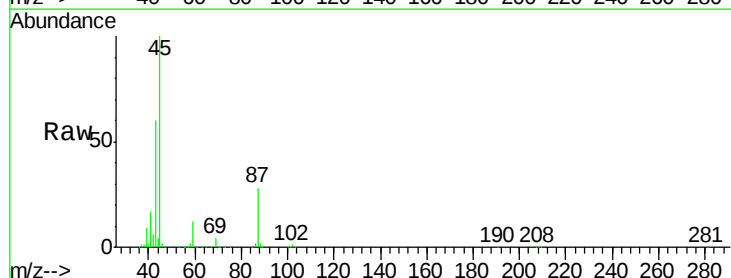
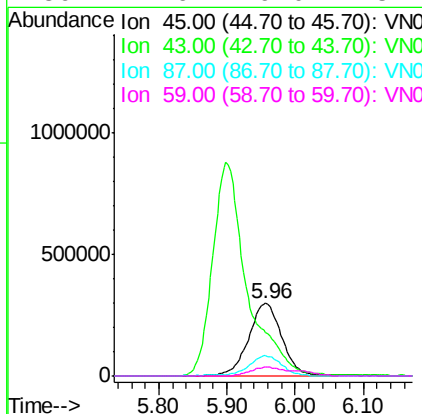
RT: 5.96 min Scan# 1358

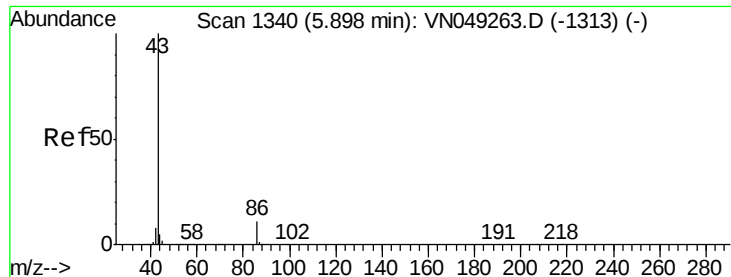
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	45	Resp:	1011577
Ion Ratio	Lower	Upper	
45	100		
43	58.6	48.6	72.8
87	27.5	20.2	30.2
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 93.12 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleID :

VN0625WBSD02

Tot Ion: 43 Resp: 3081477

Ion Ratio Lower Upper

43 100

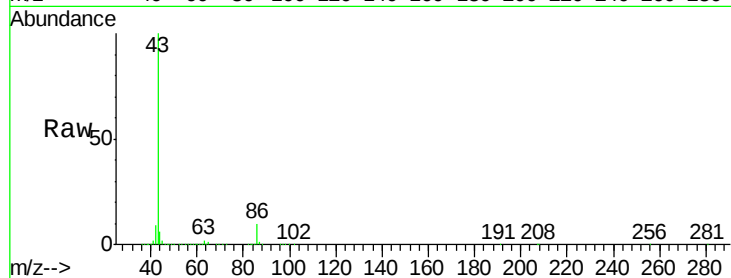
86 10.4 7.2 10.8

Manual Integrations

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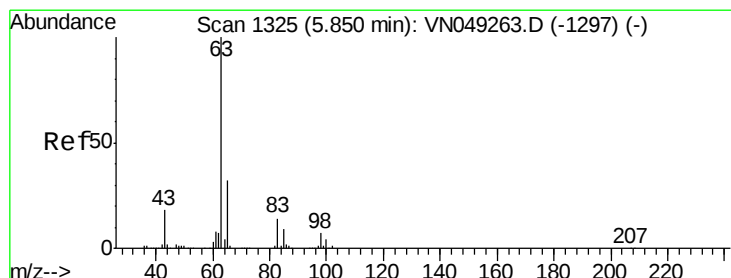
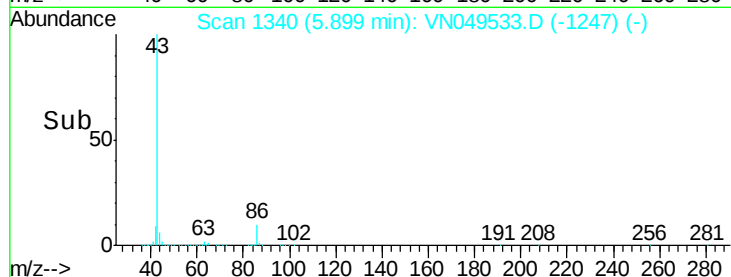
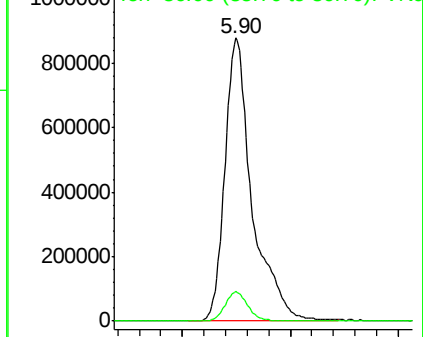
apatel

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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: 18.94 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

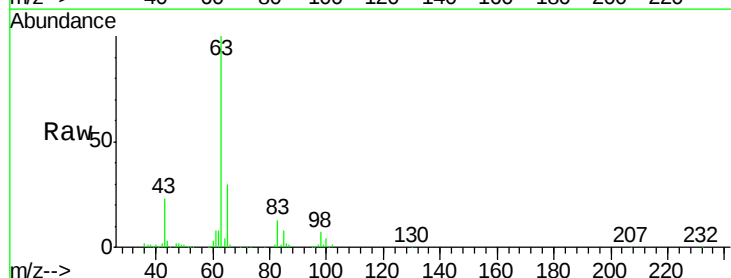
Tgt Ion: 63 Resp: 615367

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

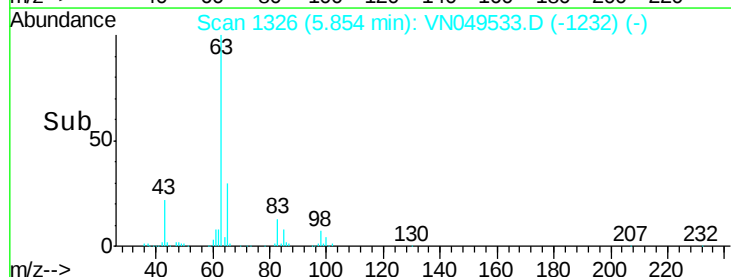
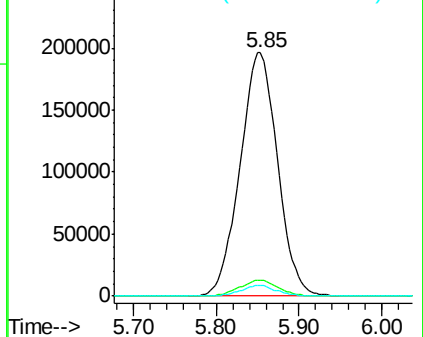
100 4.3 2.1 6.3



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: 89.07 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 43 Resp: 540787

Ion Ratio Lower Upper

43 100

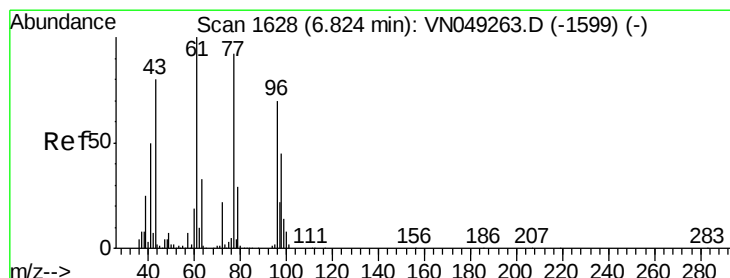
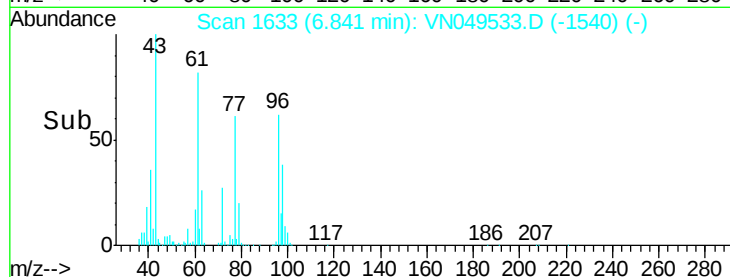
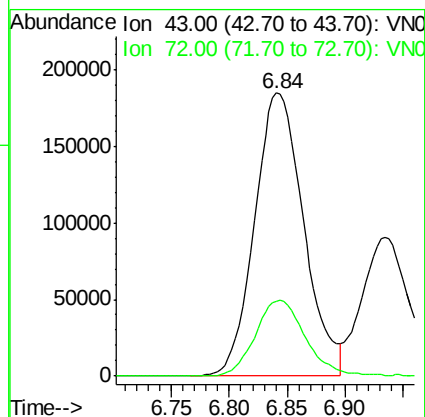
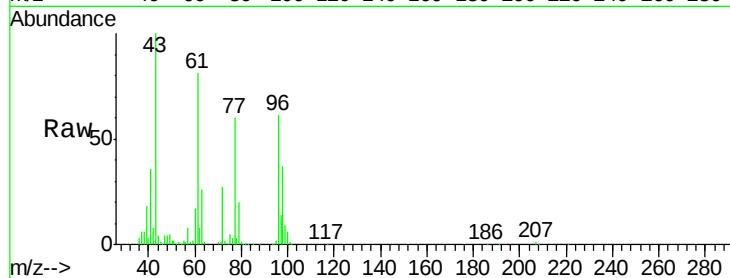
72 26.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.44 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049533.D

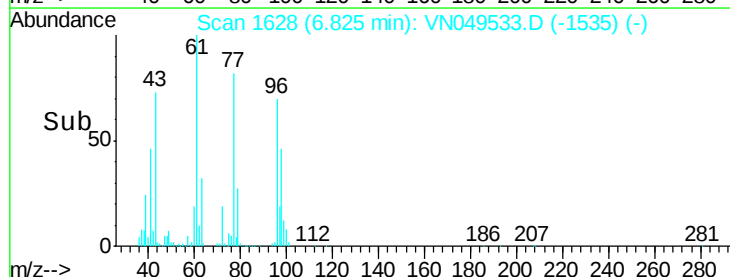
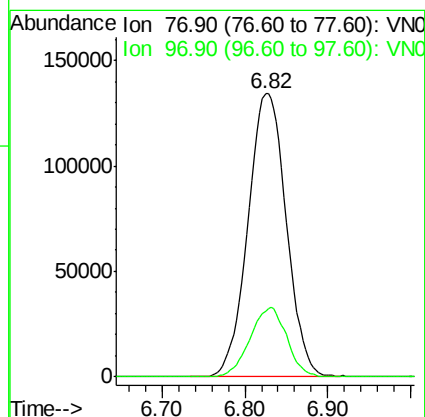
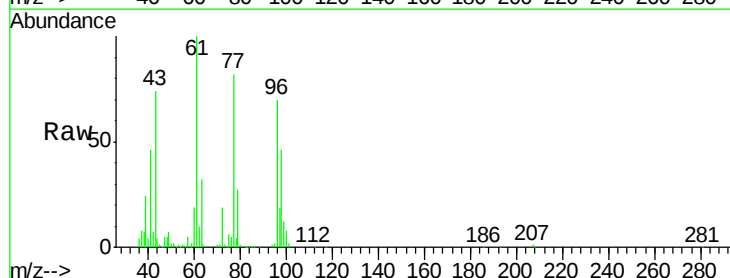
Acq: 26 Jun 2018 1:46

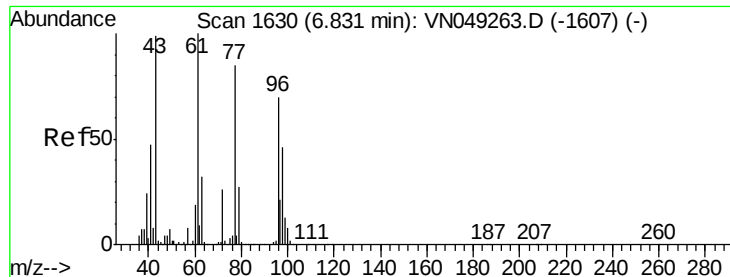
Tgt Ion: 77 Resp: 431267

Ion Ratio Lower Upper

77 100

97 23.5 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

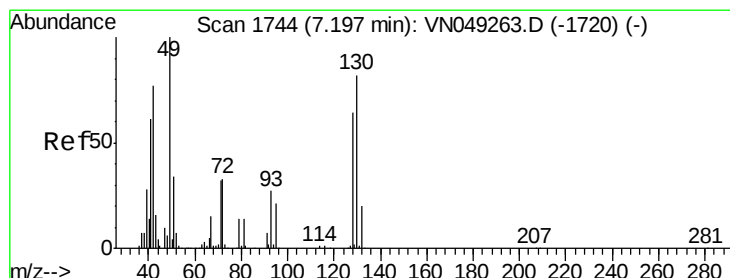
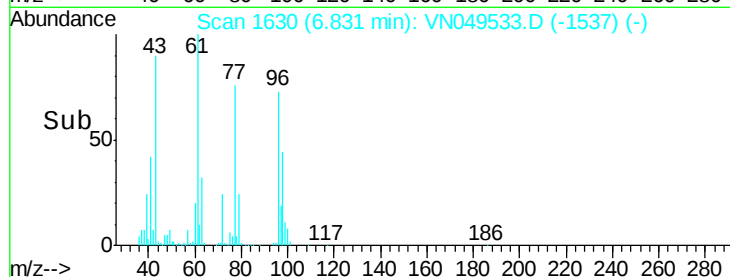
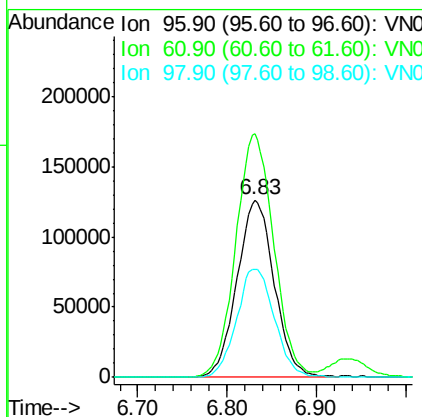
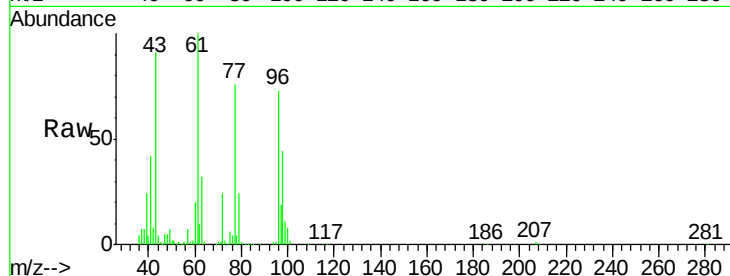
ClientSampleId :

VN0625WBSD02

Tot Ion:	96	Resp:	366827
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	316.4
98	62.1	0.0	128.4

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#28

Bromochloromethane

Concen: 20.01 ug/l

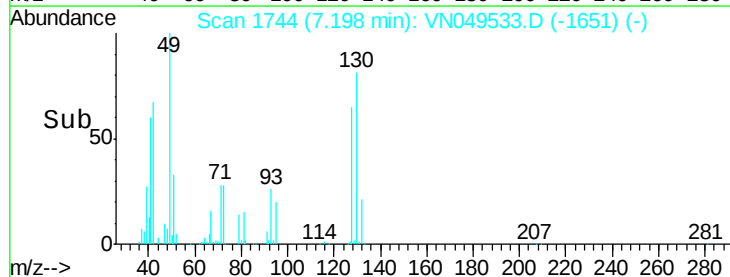
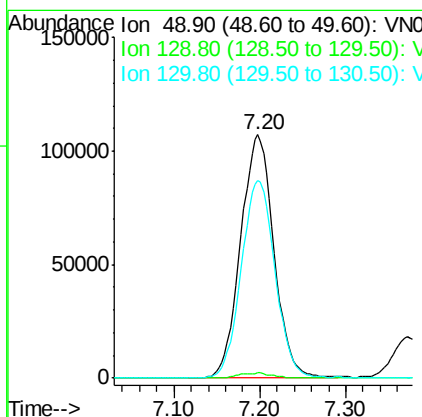
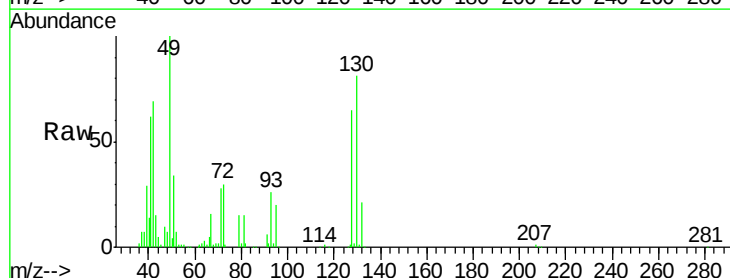
RT: 7.20 min Scan# 1744

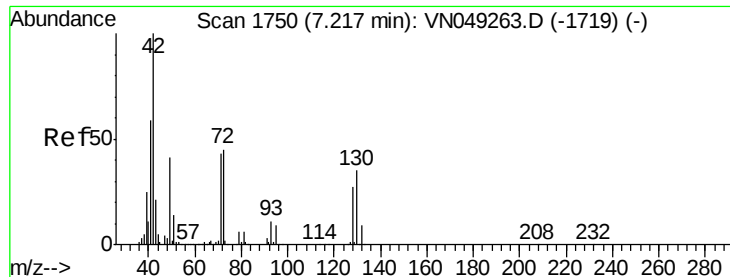
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	49	Resp:	288285
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	82.5	54.9	82.3#





#29

Tetrahydrofuran

Concen: 92.19 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

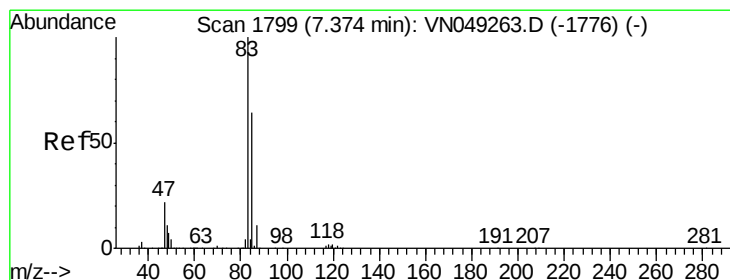
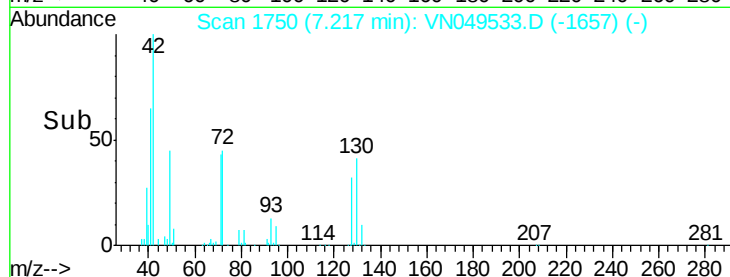
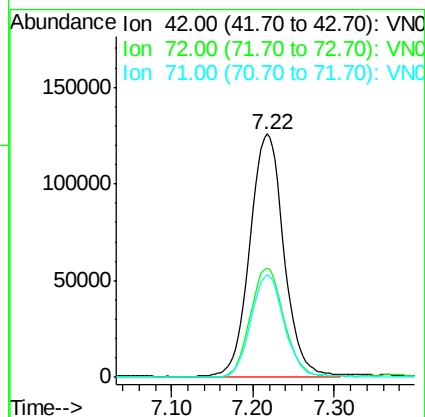
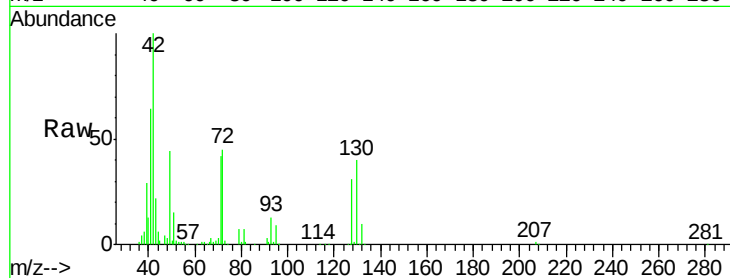
ClientSampleId :

VN0625WBSD02

Tot Ion:	42	Resp:	360277
Ion Ratio		Lower	Upper
42	100		
72	44.7	32.2	48.4
71	41.7	30.5	45.7

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#30

Chloroform

Concen: 19.46 ug/l

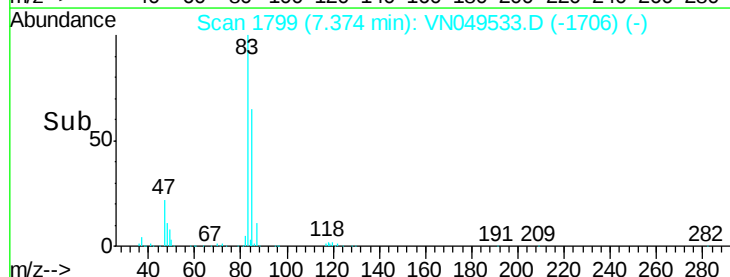
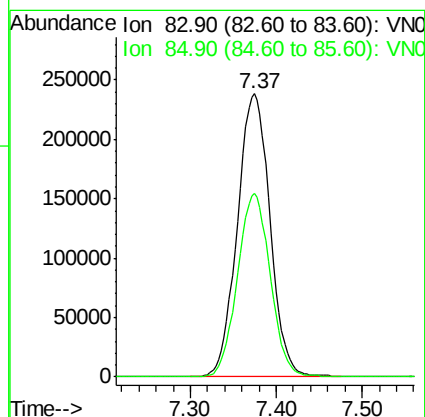
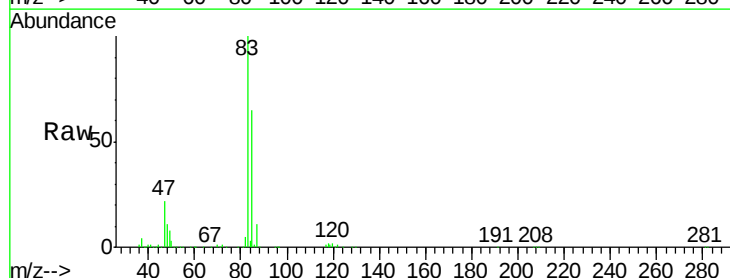
RT: 7.37 min Scan# 1799

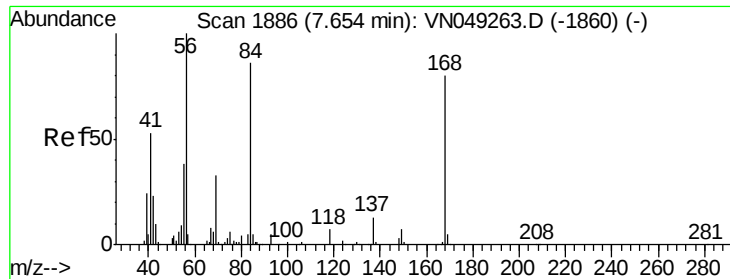
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	83	Resp:	629121
Ion Ratio		Lower	Upper
83	100		
85	64.9	51.7	77.5





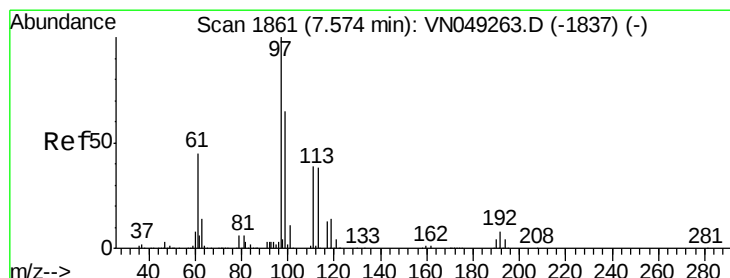
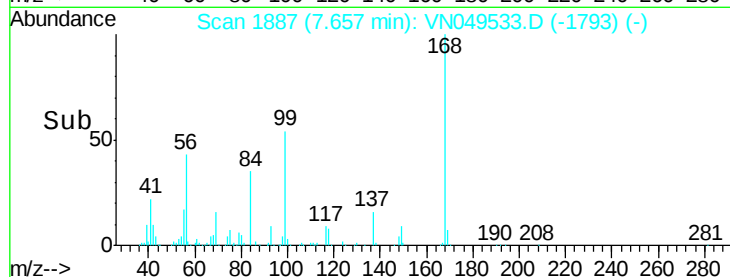
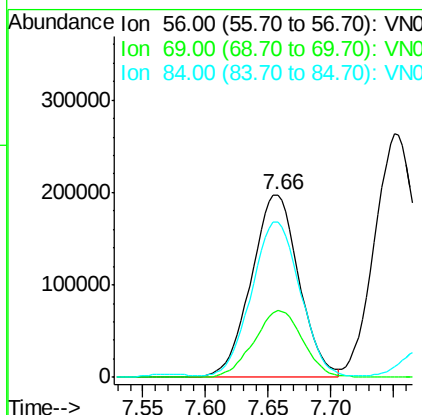
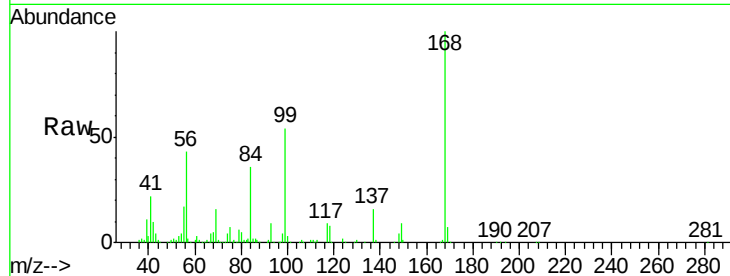
#31
Cyclohexane
Concen: 18.87 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	25.0	37.4
84	83.7	64.6	96.8

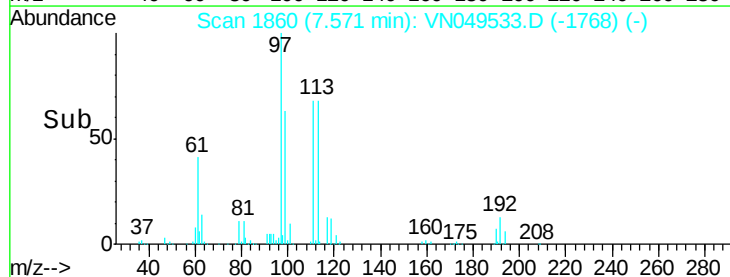
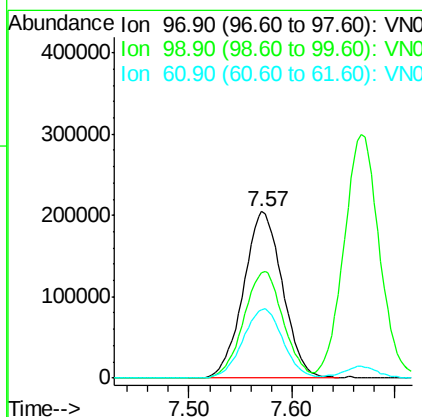
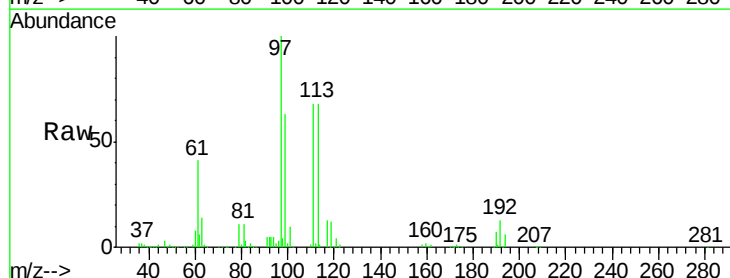
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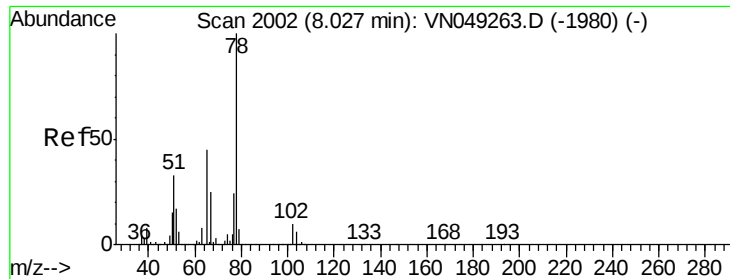
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#32
1,1,1-Trichloroethane
Concen: 19.53 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.5	75.7
61	42.5	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 48.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 65 Resp: 909158

Ion Ratio Lower Upper

65 100

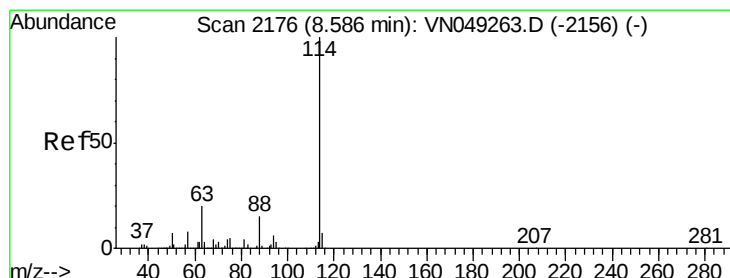
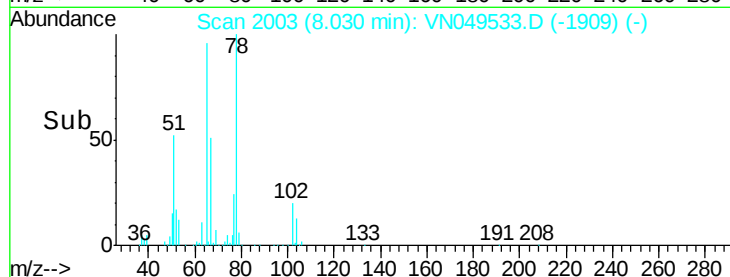
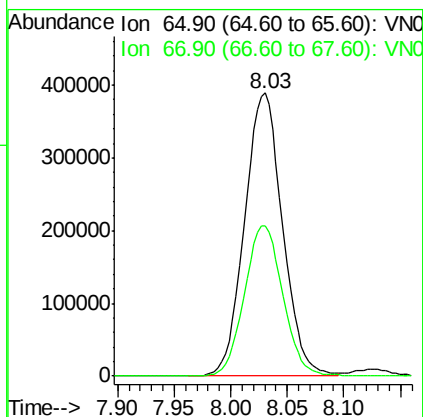
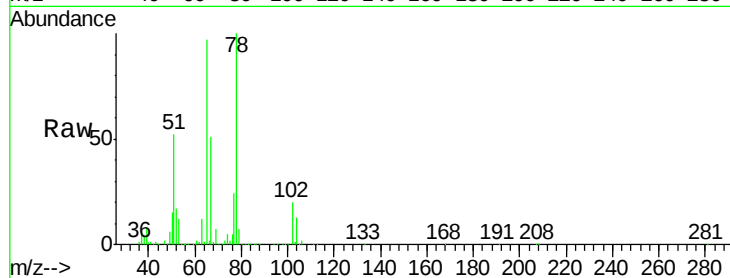
67 53.9 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

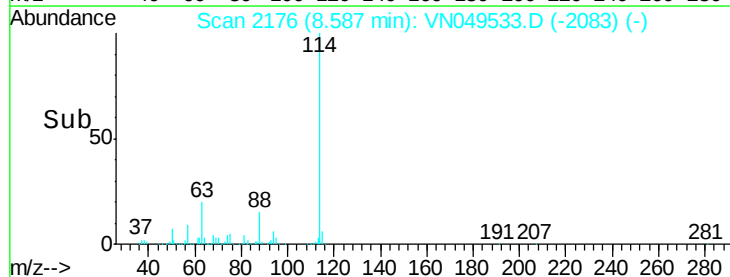
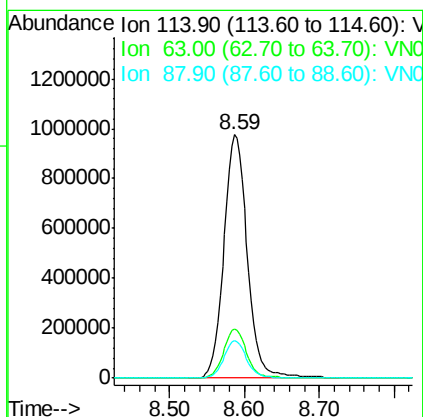
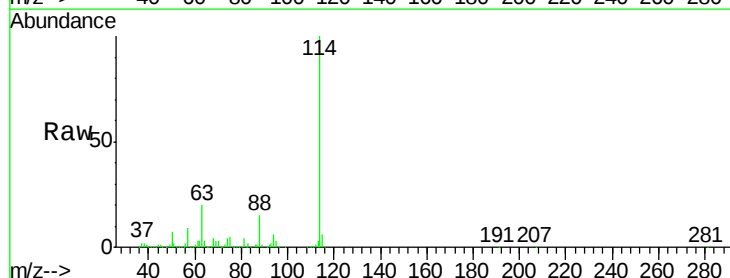
Tgt Ion: 114 Resp: 2111841

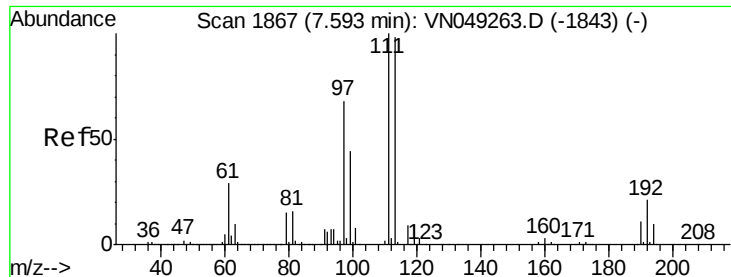
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.4 0.0 31.4





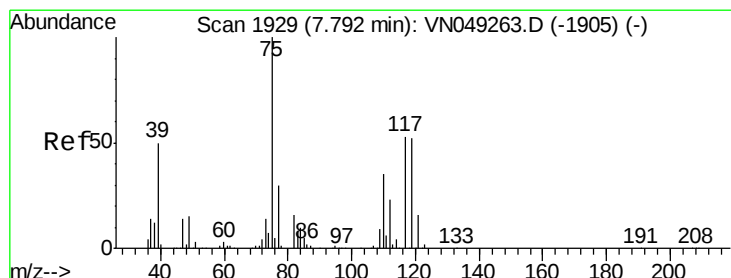
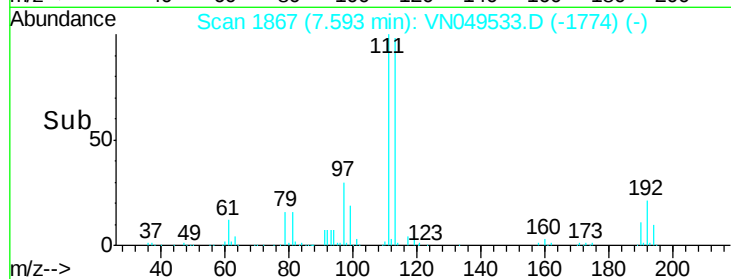
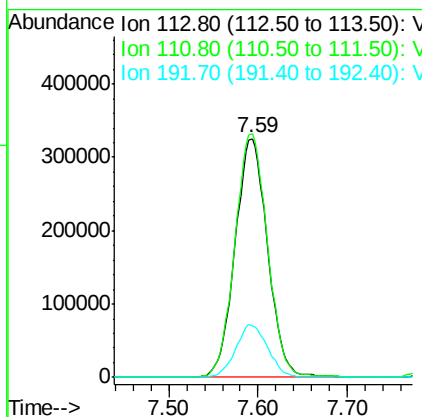
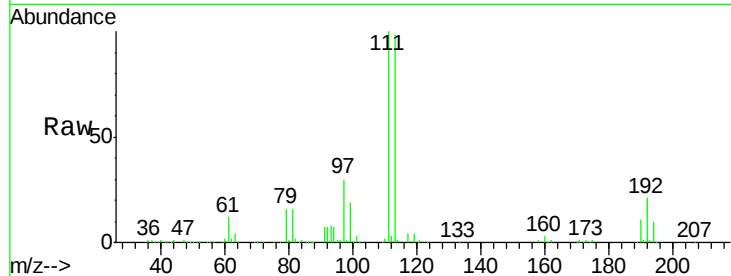
#35
 Dibromofluoromethane
 Concen: 48.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	821925		
111	102.0	82.4	123.6	
192	21.9	15.0	22.6	

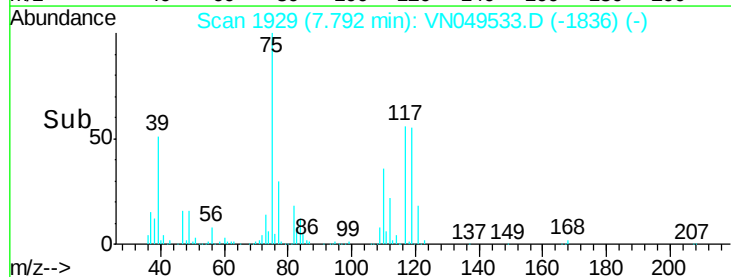
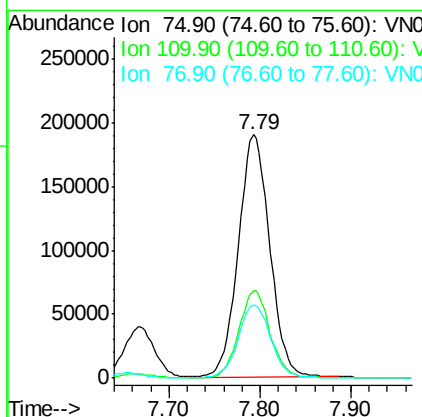
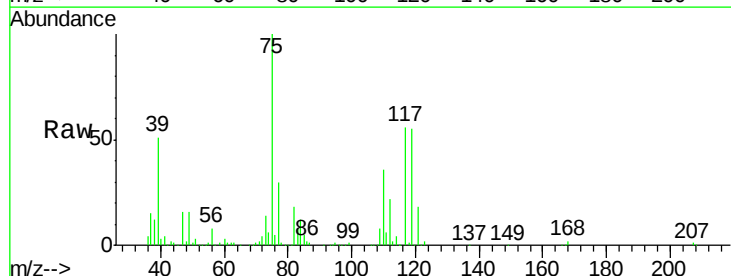
Manual Integrations
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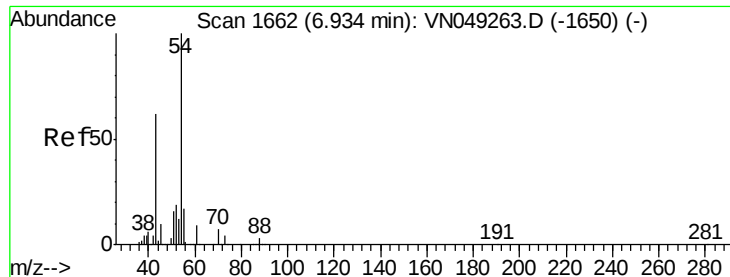
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#36
 1,1-Dichloropropene
 Concen: 18.82 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	455428		
110	36.2	17.0	50.9	
77	31.2	24.4	36.6	





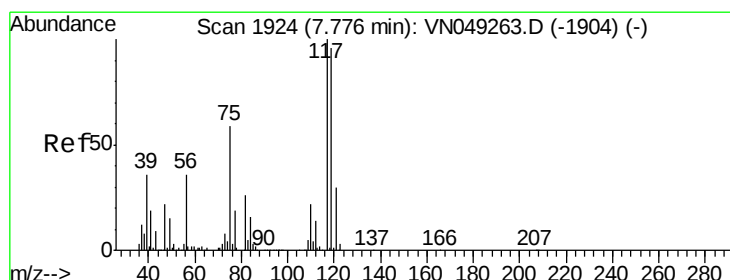
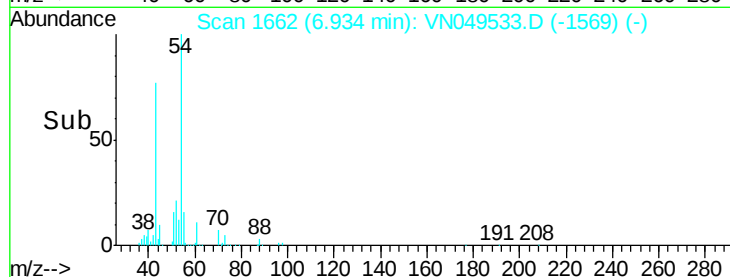
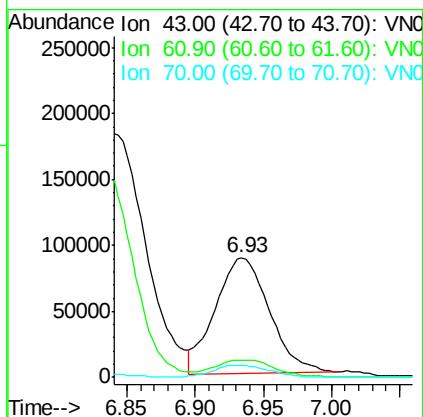
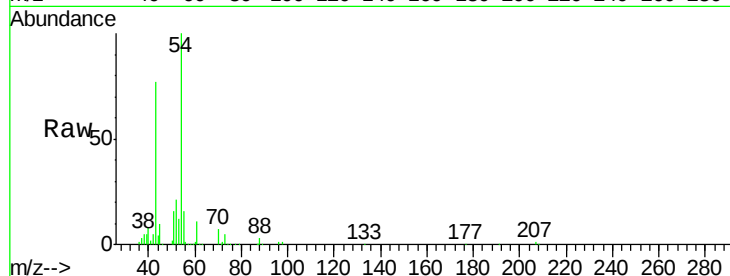
#37
Ethyl Acetate
Concen: 18.24 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.0	16.4
70	11.1	7.2	10.8

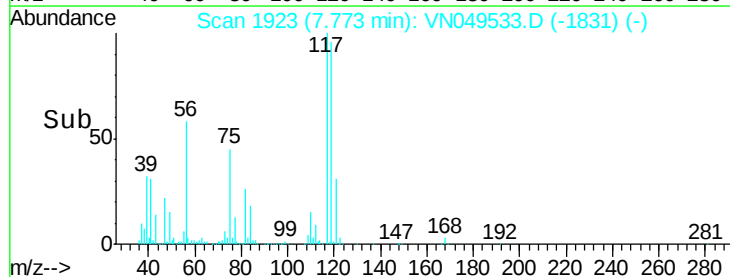
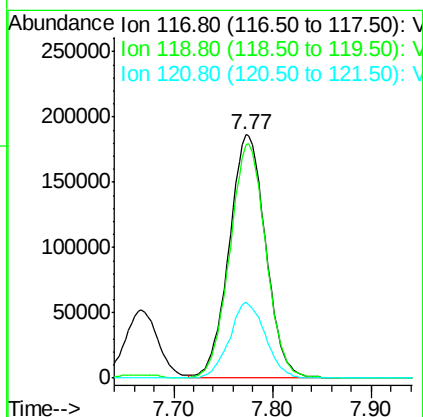
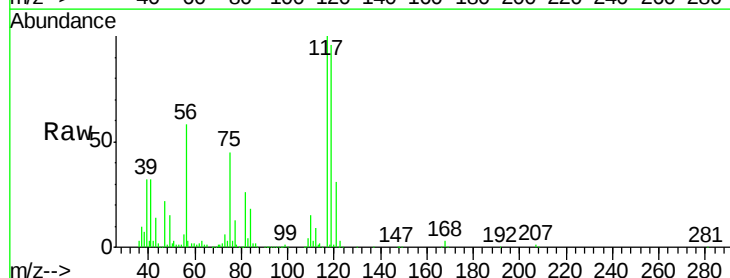
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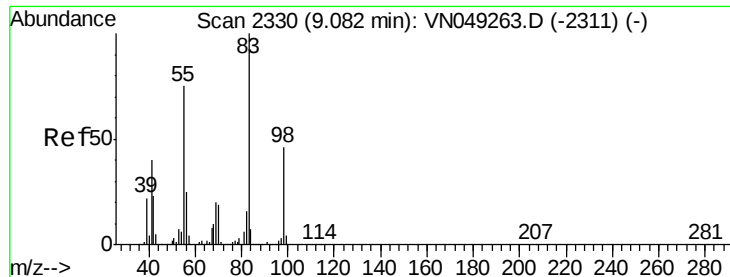
apatel
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#38
Carbon Tetrachloride
Concen: 19.04 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
121	31.2	24.7	37.1





#39

Methylcyclohexane

Concen: 17.62 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 83 Resp: 457875

Ion Ratio Lower Upper

83 100

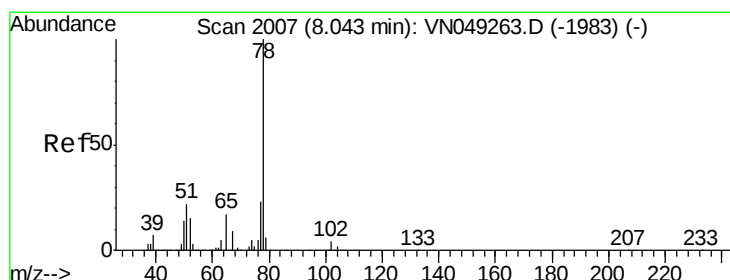
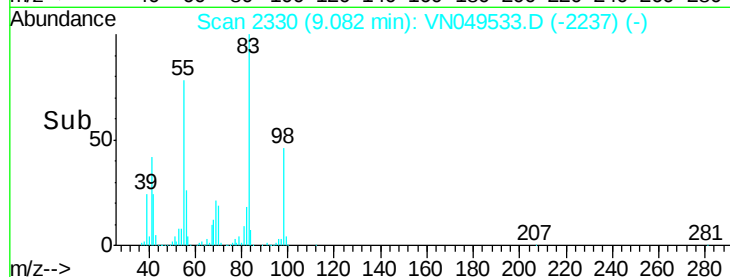
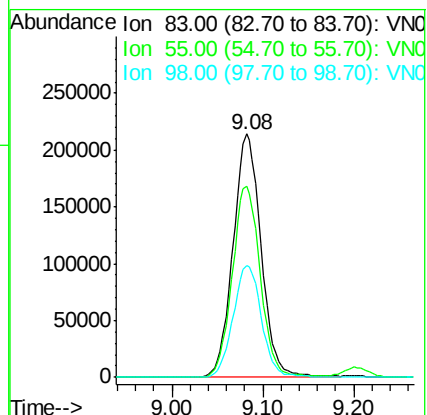
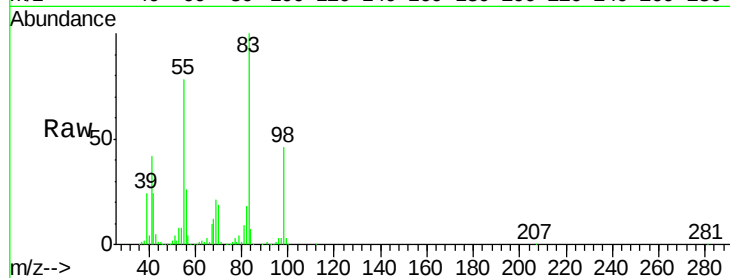
55 78.3 65.1 97.7

98 46.1 36.5 54.7

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#40

Benzene

Concen: 18.88 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049533.D

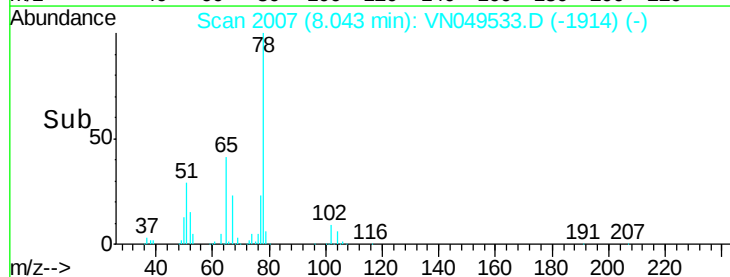
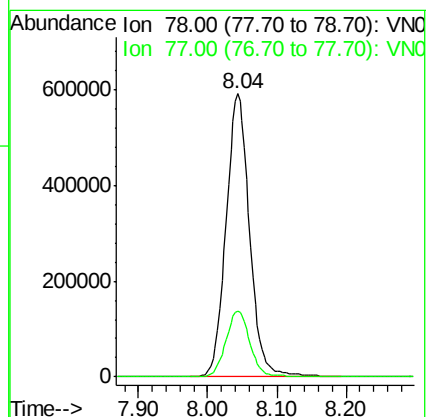
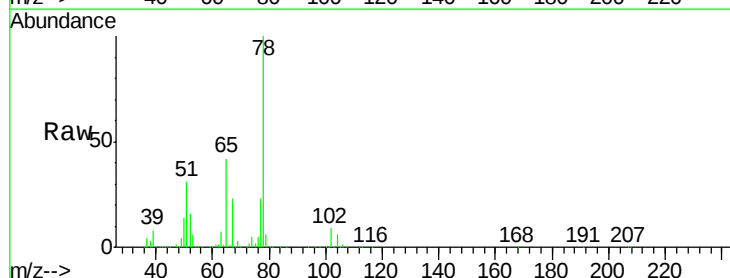
Acq: 26 Jun 2018 1:46

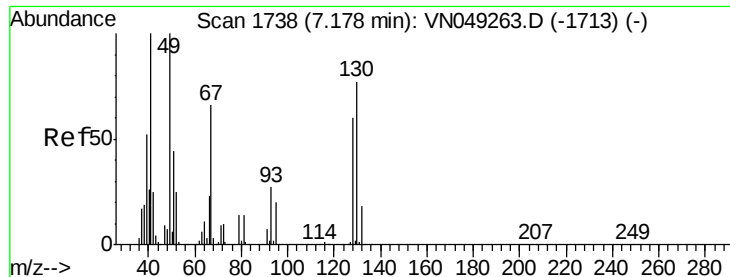
Tgt Ion: 78 Resp: 1400614

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0





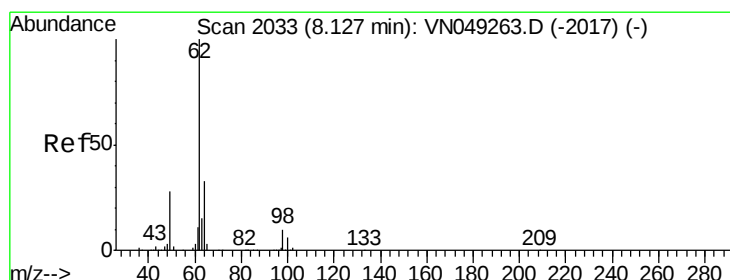
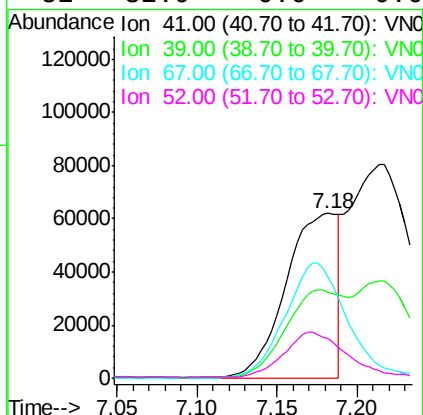
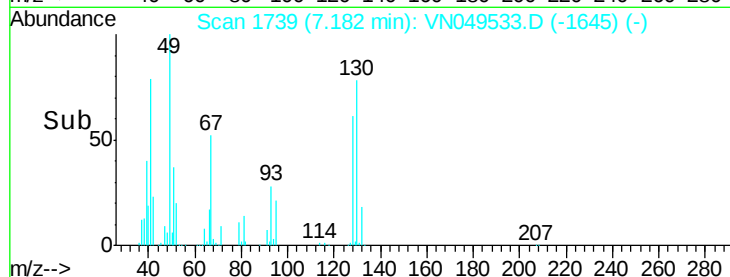
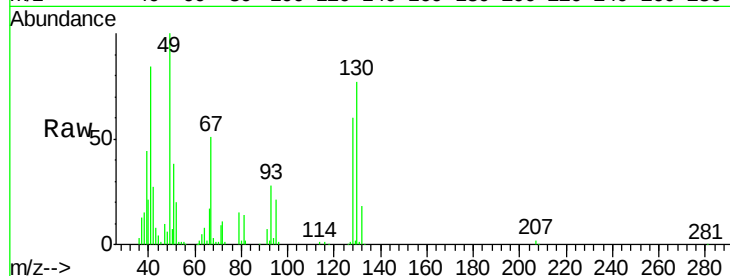
#41
Methacrylonitrile
Concen: 19.65 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.9	0.0	0.0#
67	84.1	0.0	0.0#
52	32.9	0.0	0.0#

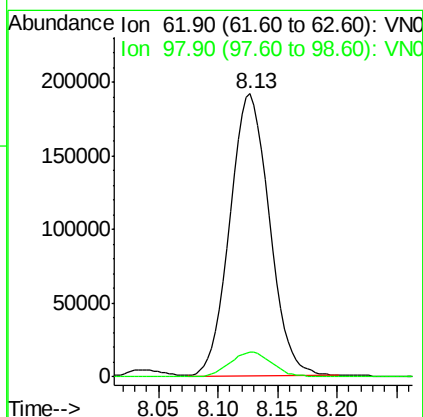
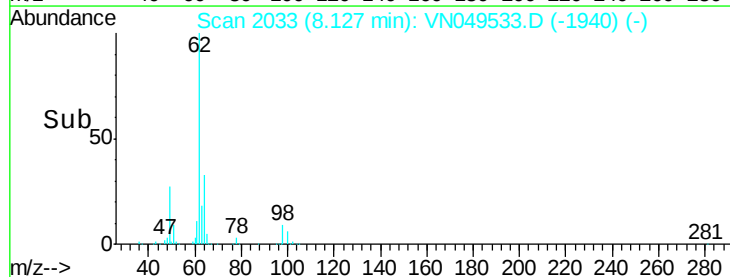
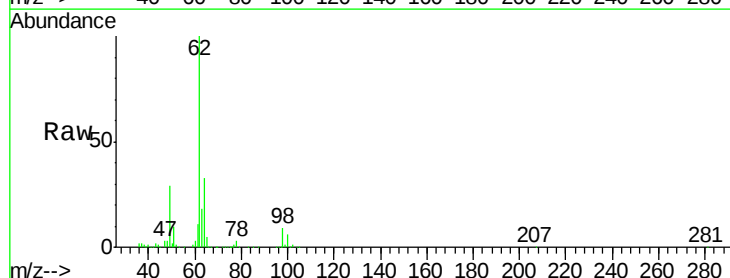
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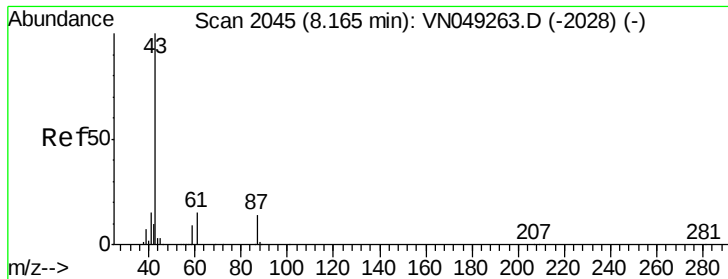
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#42
1,2-Dichloroethane
Concen: 19.21 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.25 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

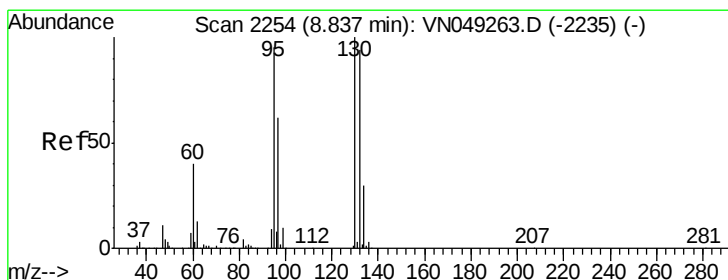
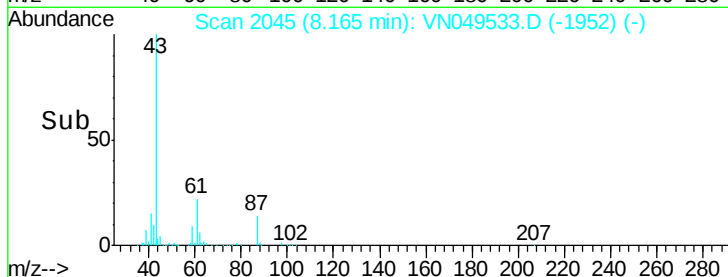
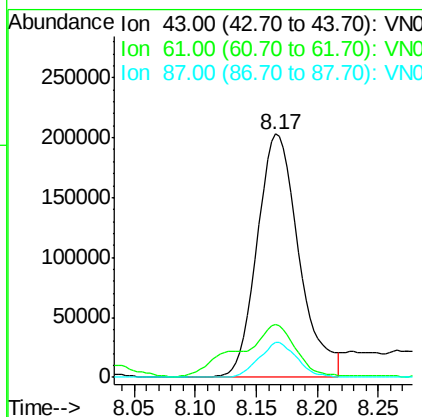
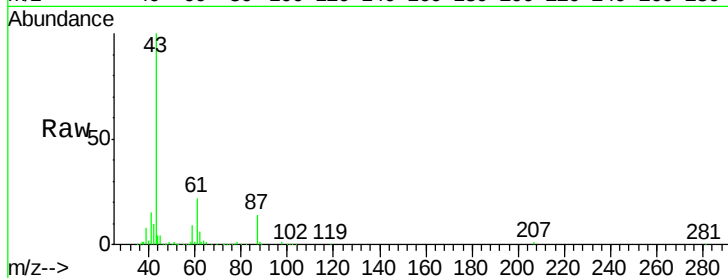
ClientSampleId :

VN0625WBSD02

Tot Ion:	43	Resp:	484075
Ion Ratio		Lower	Upper
43	100		
61	19.1	14.2	21.4
87	13.1	9.4	14.0

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#44

Trichloroethene

Concen: 19.50 ug/l

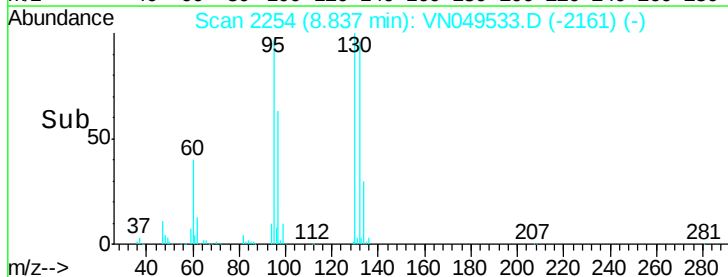
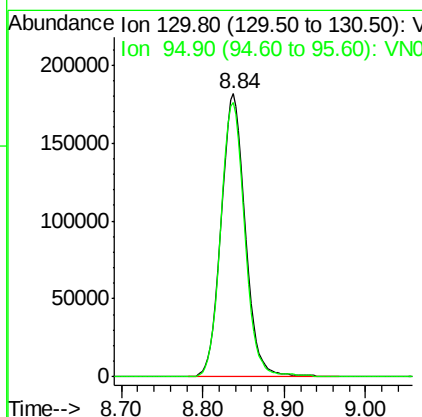
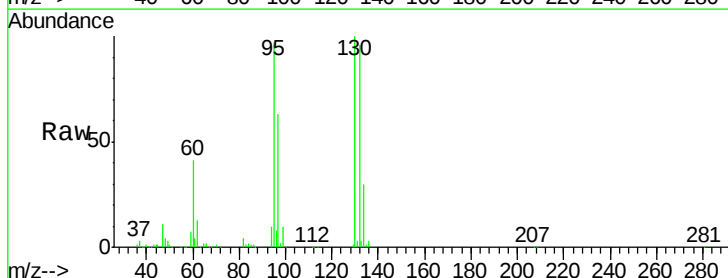
RT: 8.84 min Scan# 2254

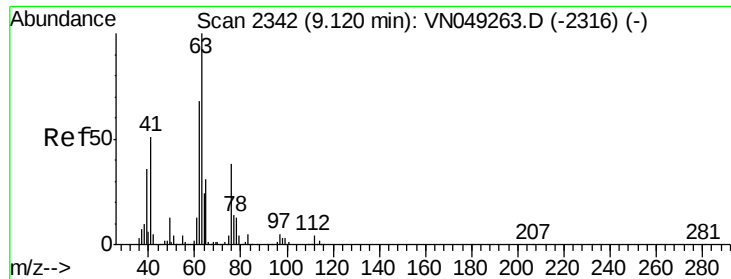
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	130	Resp:	382052
Ion Ratio		Lower	Upper
130	100		
95	97.0	0.0	208.6





#45

1,2-Dichloropropane

Concen: 19.15 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 63 Resp: 372004

Ion Ratio Lower Upper

63 100

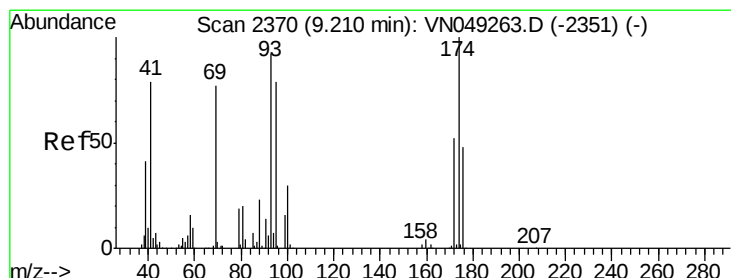
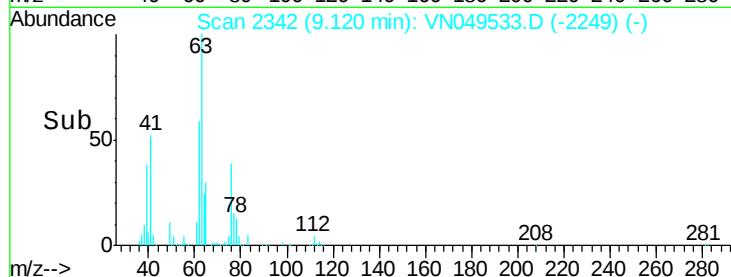
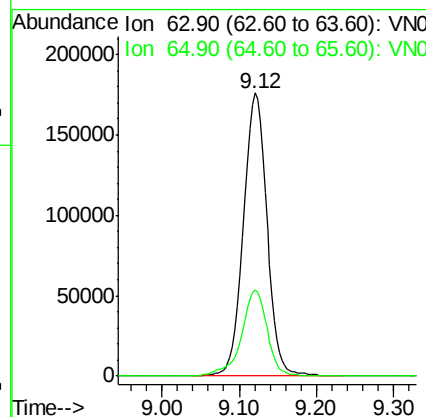
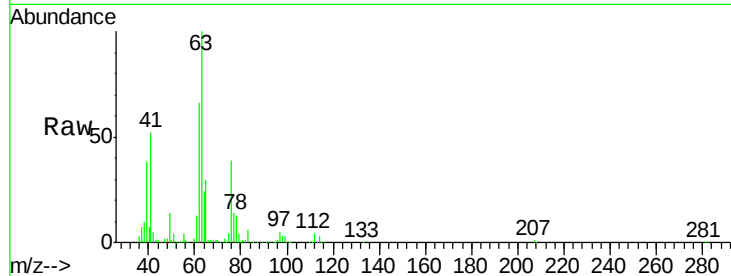
65 30.3 24.8 37.2

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#46

Dibromomethane

Concen: 19.07 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

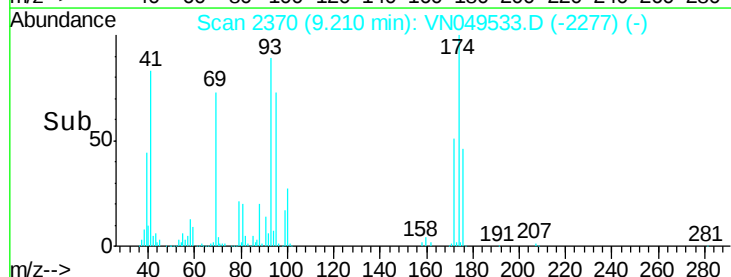
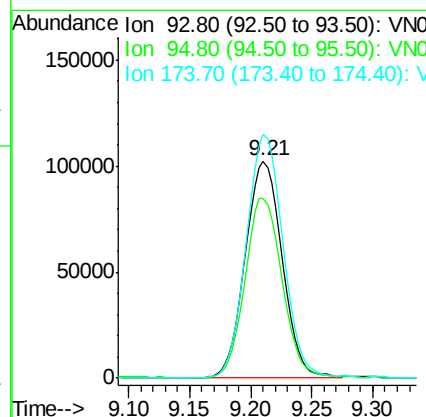
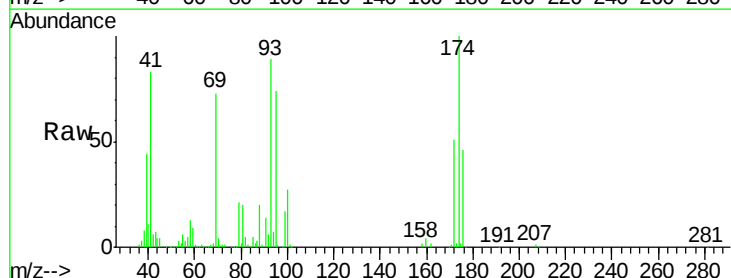
Tgt Ion: 93 Resp: 214797

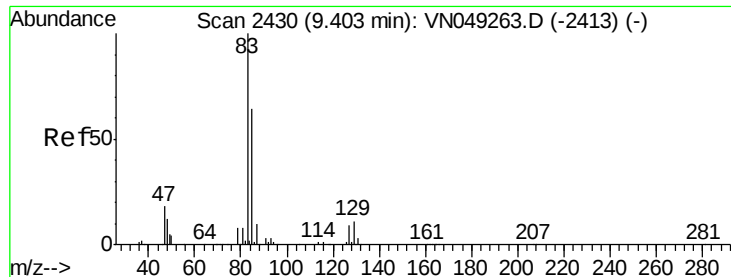
Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

174 111.4 75.6 113.4





#47

Bromodichloromethane

Concen: 19.09 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

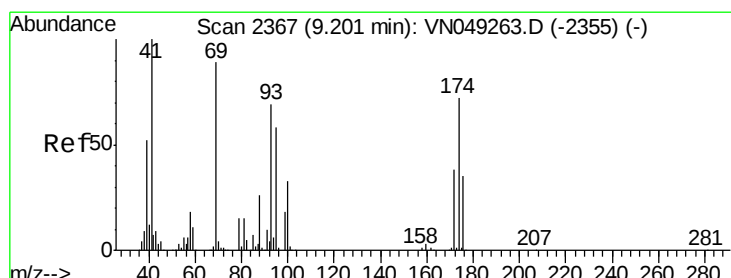
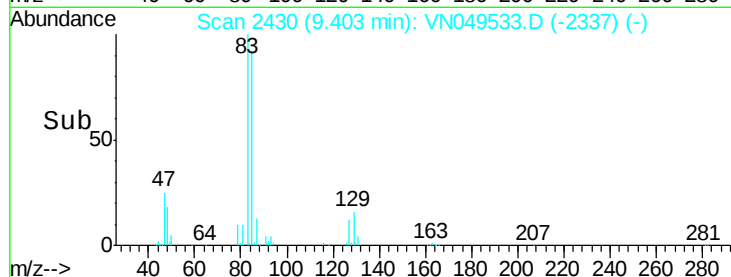
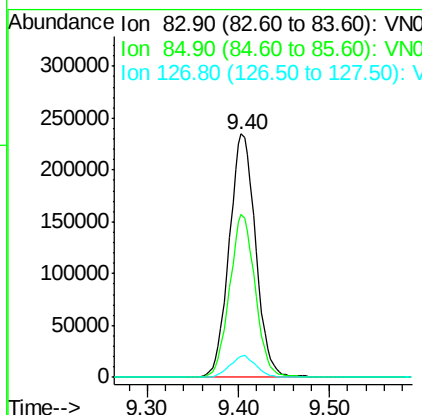
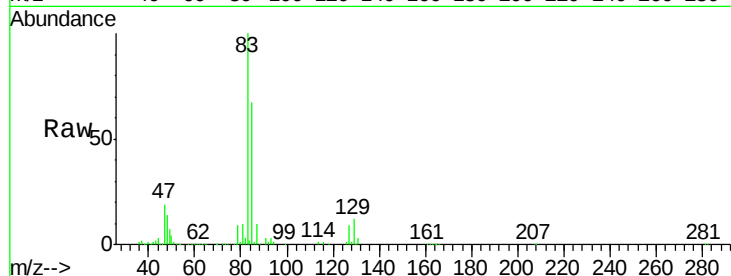
ClientSampleId :

VN0625WBSD02

Tot Ion:	83	Resp:	472675
Ion Ratio	Lower	Upper	
83	100		
85	67.0	49.4	74.0
127	8.8	6.3	9.5

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#48

Methyl methacrylate

Concen: 18.60 ug/l

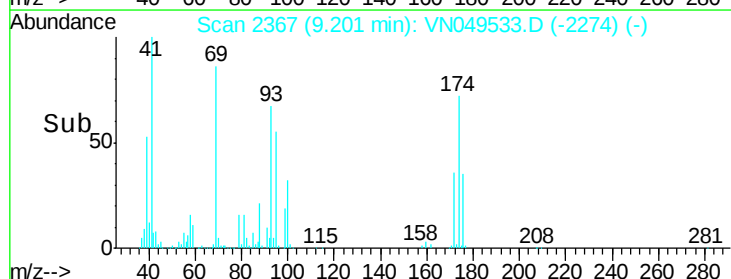
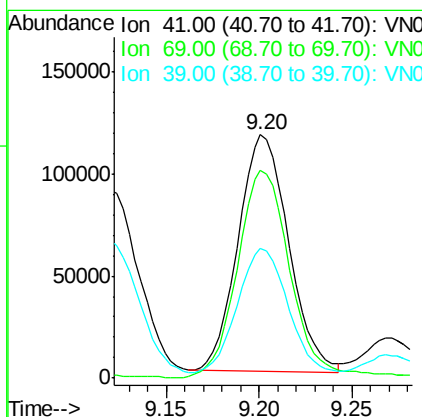
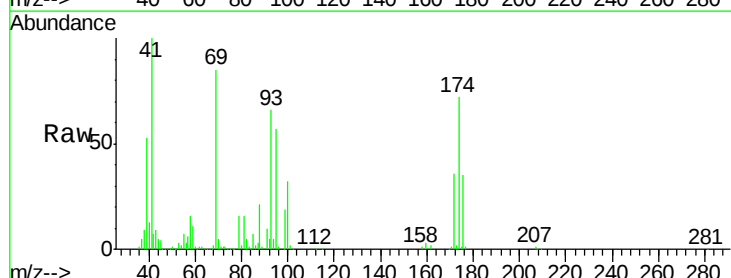
RT: 9.20 min Scan# 2367

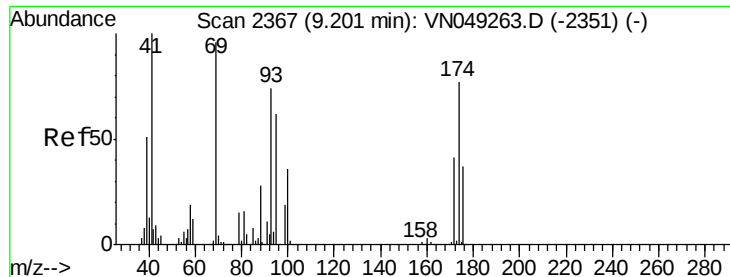
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	41	Resp:	220241
Ion Ratio	Lower	Upper	
41	100		
69	91.6	62.0	93.0
39	56.8	50.6	75.8





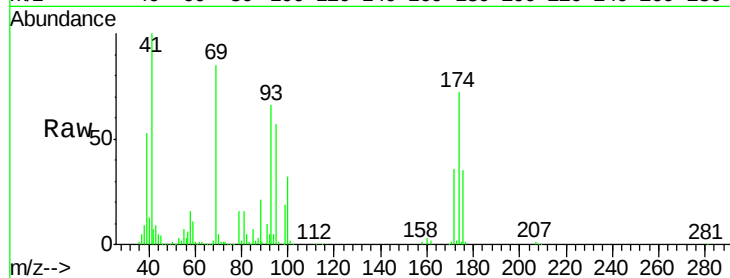
#49
1,4-Dioxane
Concen: 342.79 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	30.9	46.3
58	71.8	58.9	88.3

Manual Integrations
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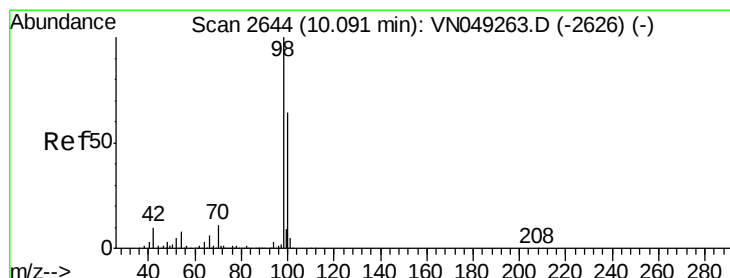
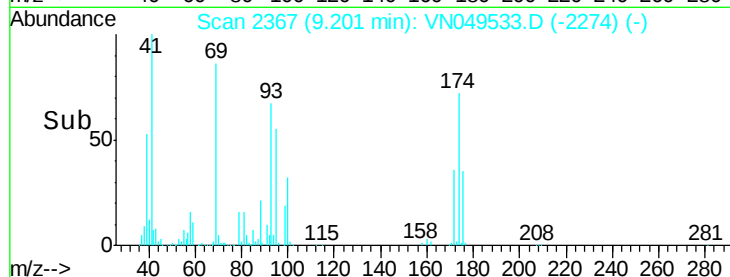
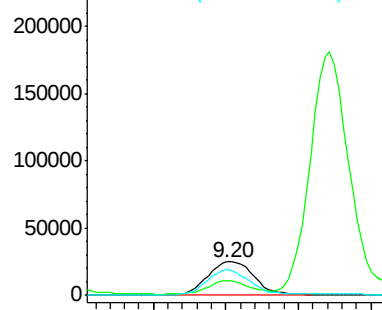


Abundance

Ion 88.00 (87.70 to 88.70): VN049533.D (-2274) (-)

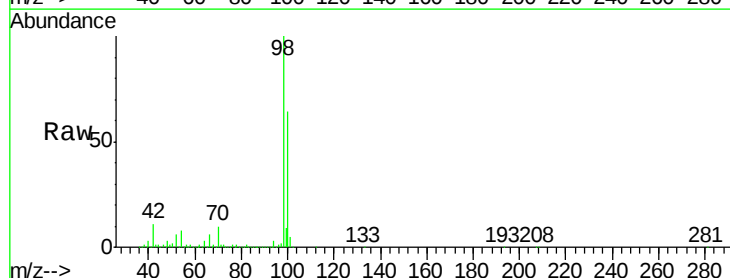
Ion 43.00 (42.70 to 43.70): VN049533.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049533.D (-2274) (-)



#50
Toluene-d8
Concen: 47.46 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

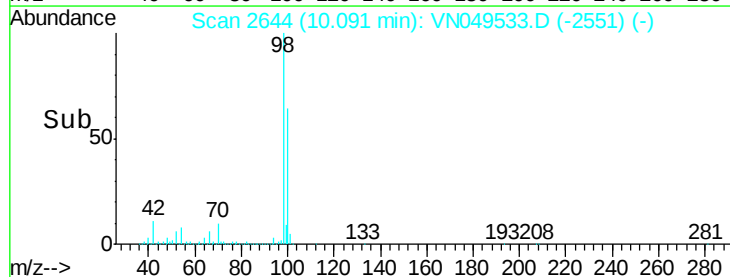
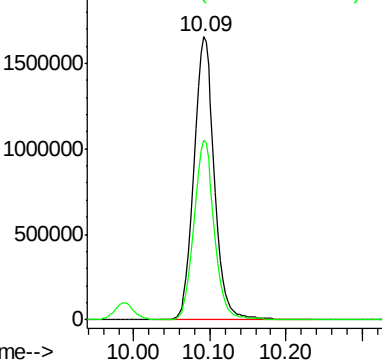
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8

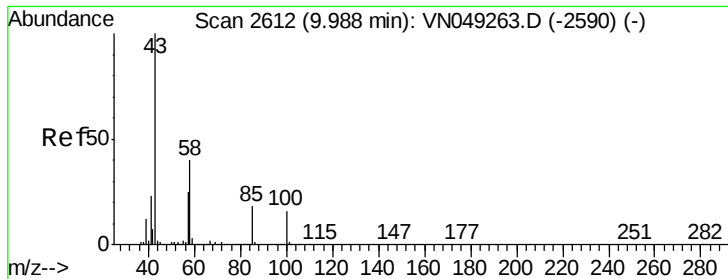


Abundance

Ion 98.00 (97.70 to 98.70): VN049533.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049533.D (-2551) (-)





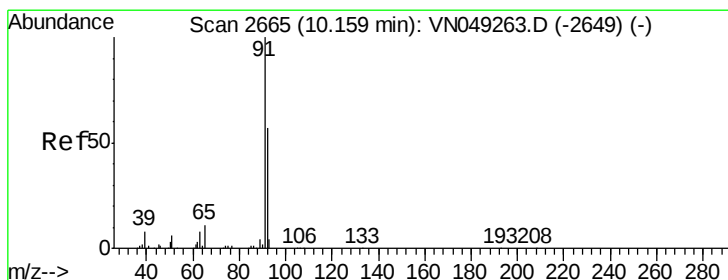
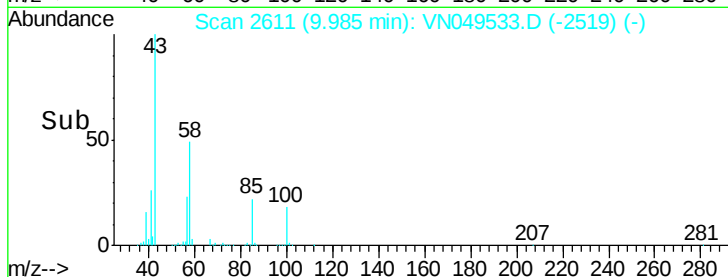
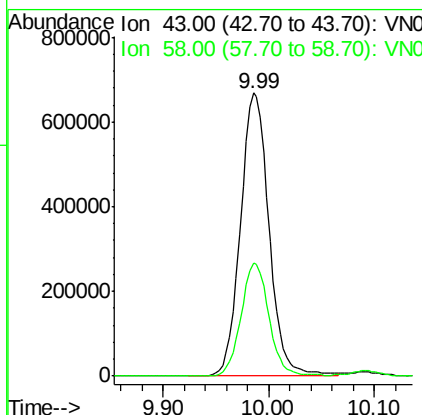
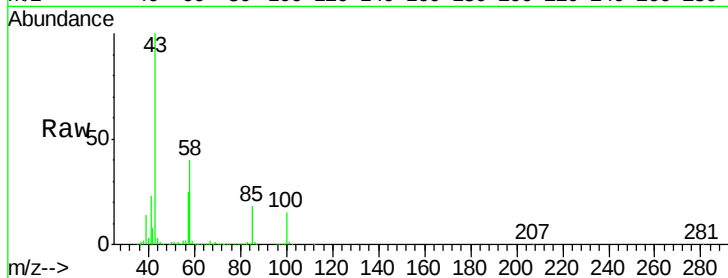
#51
 4-Methyl-2-Pentanone
 Concen: 95.21 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion: 43 Resp: 1254539
 Ion Ratio Lower Upper
 43 100
 58 39.1 29.0 43.6

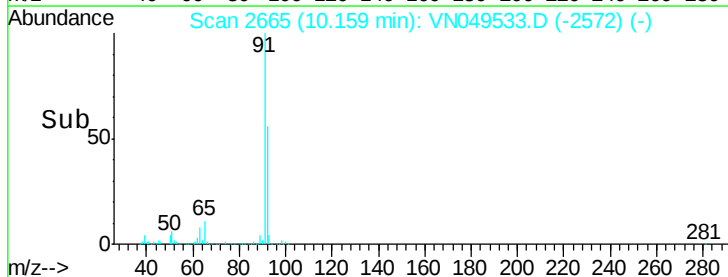
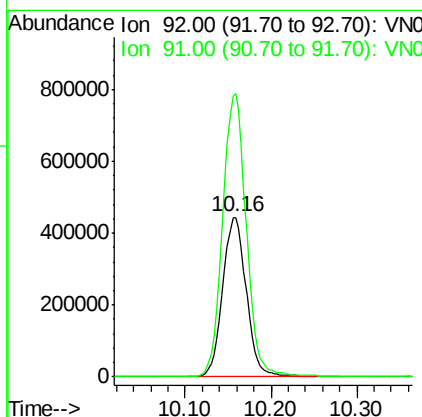
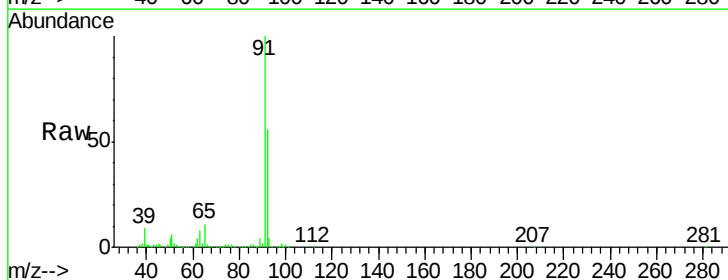
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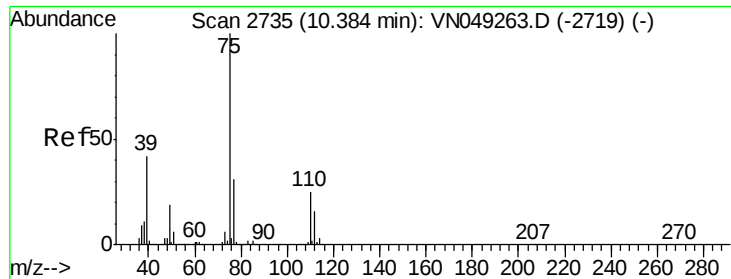
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#52
 Toluene
 Concen: 19.57 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion: 92 Resp: 852253
 Ion Ratio Lower Upper
 92 100
 91 177.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 18.16 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD02

Tot Ion: 75 Resp: 430162

Ion Ratio Lower Upper

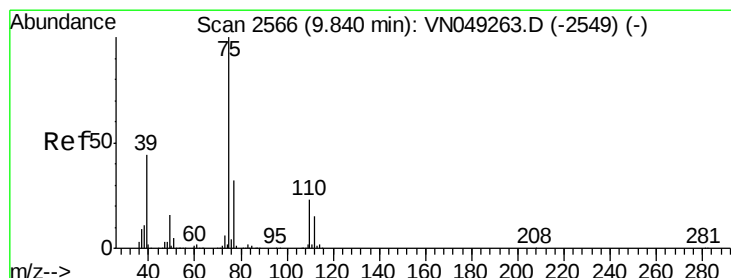
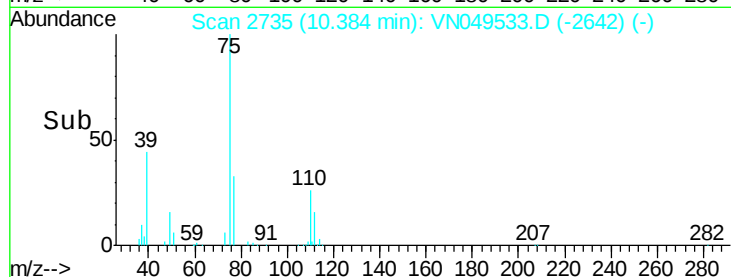
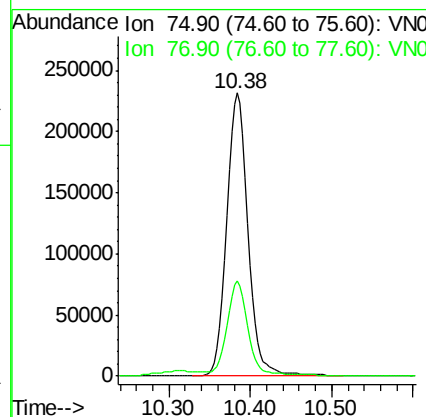
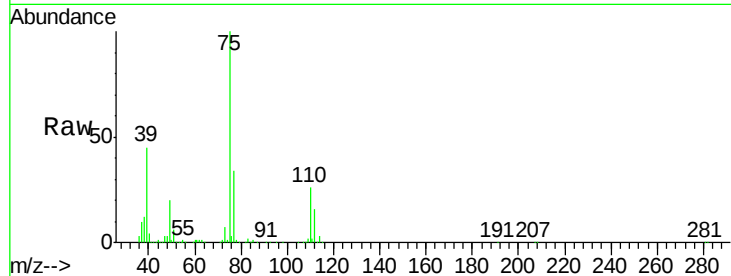
75 100

77 33.2 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 18.24 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

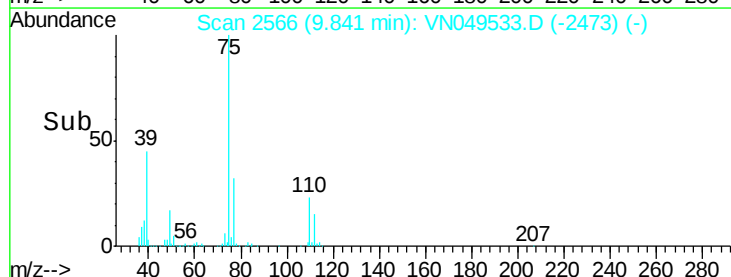
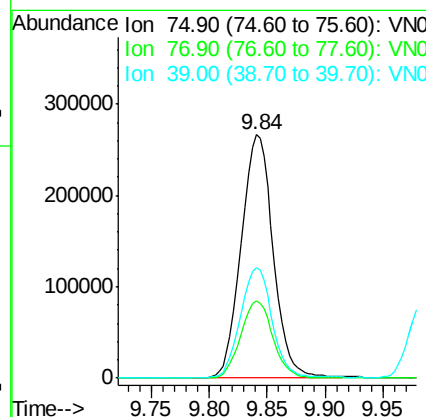
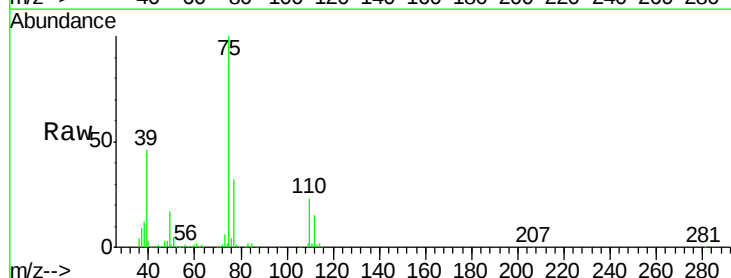
Tgt Ion: 75 Resp: 510188

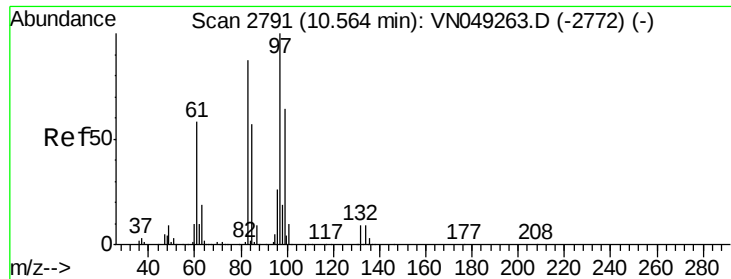
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 45.5 45.1 67.7





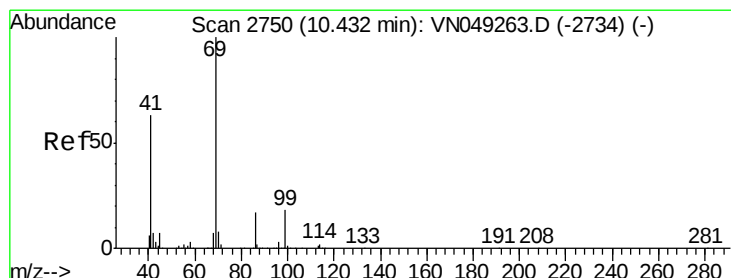
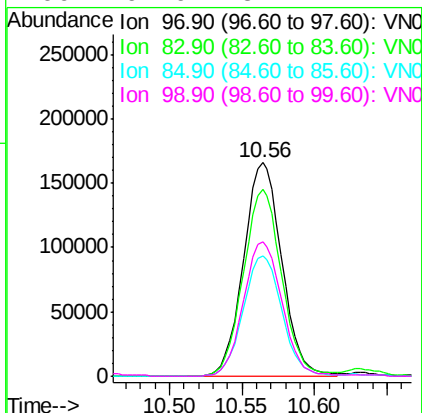
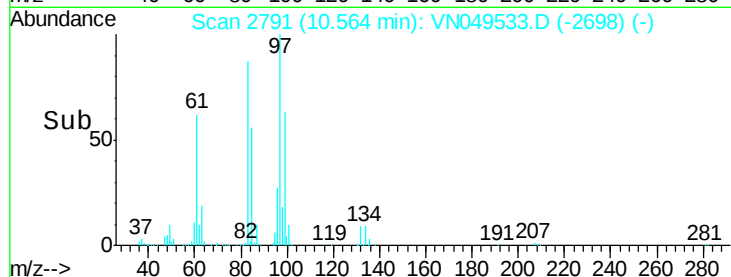
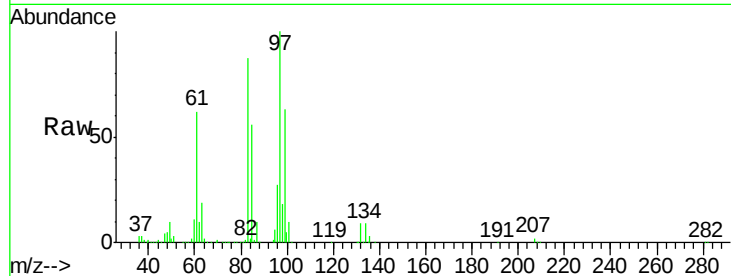
#55
 1,1,2-Trichloroethane
 Concen: 18.82 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		305558		
83	87.4	71.5	107.3		
85	56.3	47.0	70.4		
99	62.9	51.4	77.2		

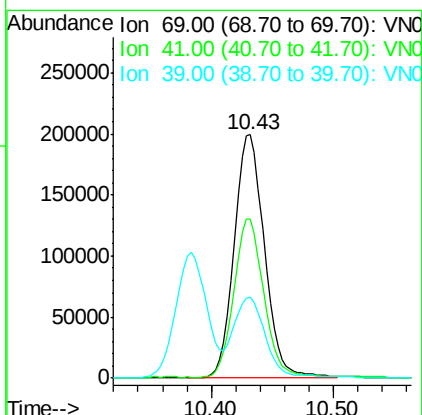
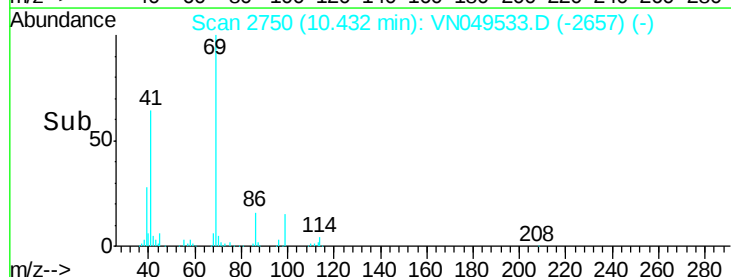
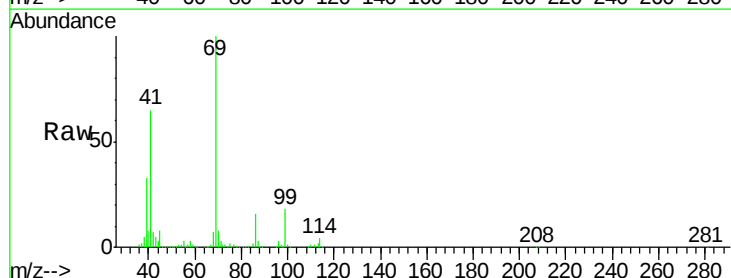
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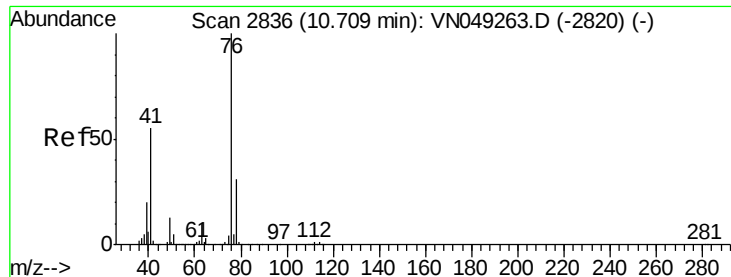
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#56
 Ethyl methacrylate
 Concen: 18.36 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		343862		
41	64.2	58.4	87.6		
39	34.5	35.5	53.3#		





#57

1,3-Dichloropropane

Concen: 19.17 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 76 Resp: 515731

Ion Ratio Lower Upper

76 100

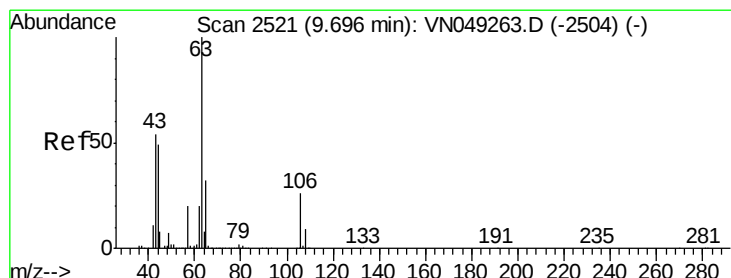
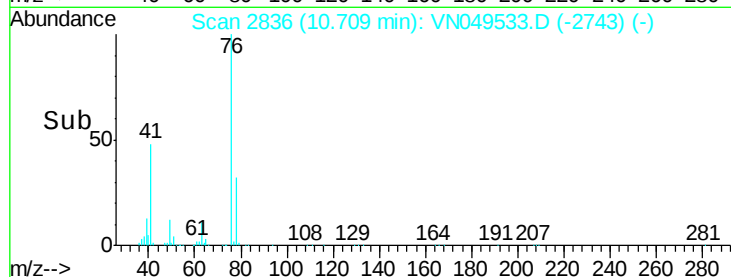
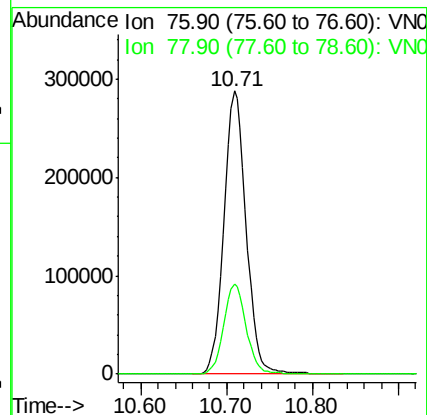
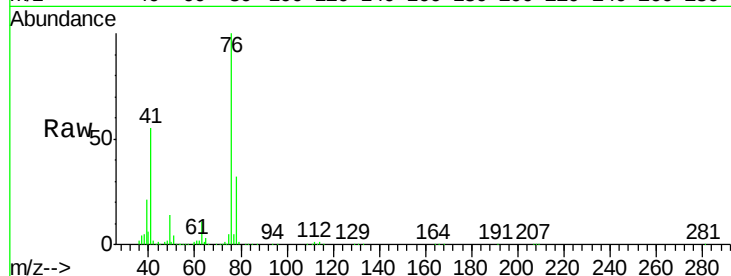
78 32.5 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 80.55 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049533.D

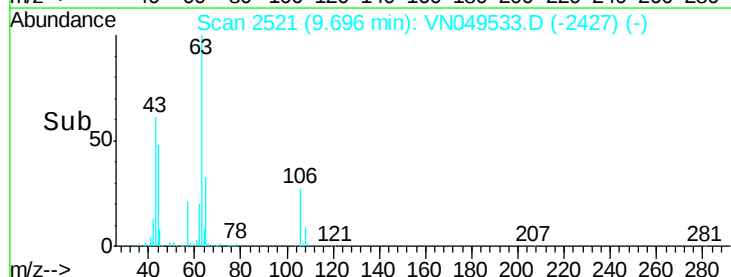
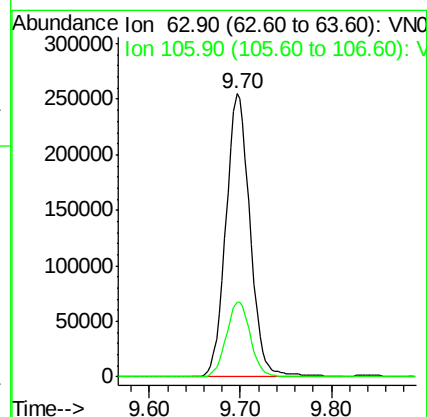
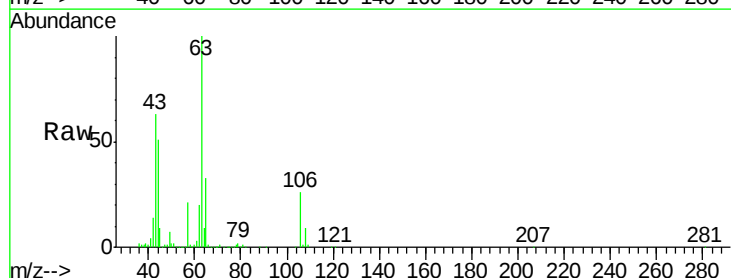
Acq: 26 Jun 2018 1:46

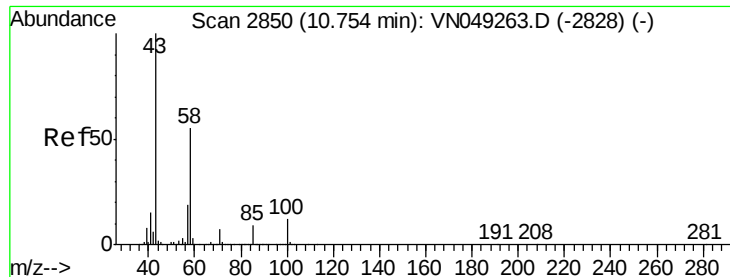
Tgt Ion: 63 Resp: 470436

Ion Ratio Lower Upper

63 100

106 26.4 19.4 29.2





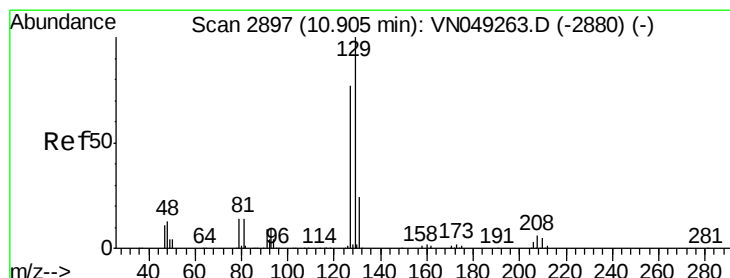
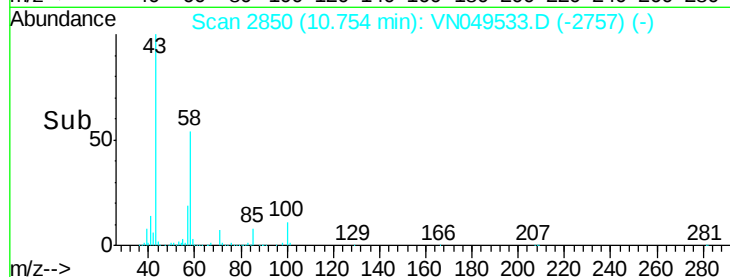
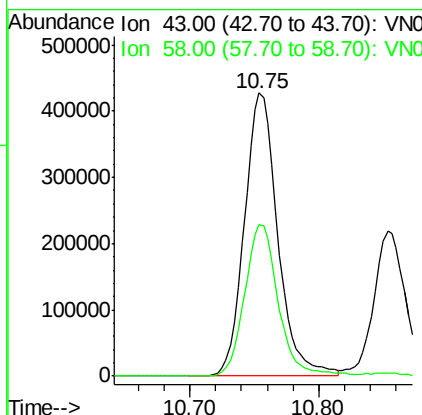
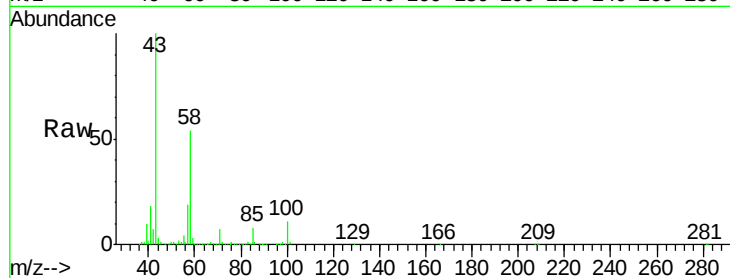
#59
2-Hexanone
Concen: 90.28 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	25.2	75.6

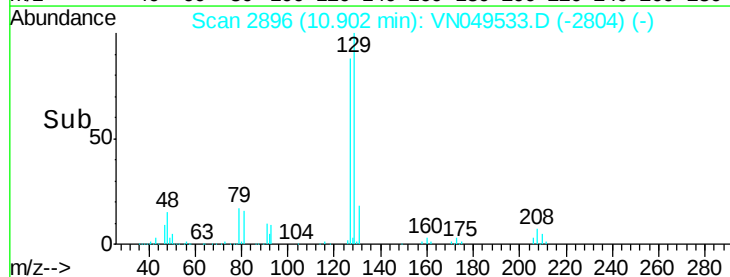
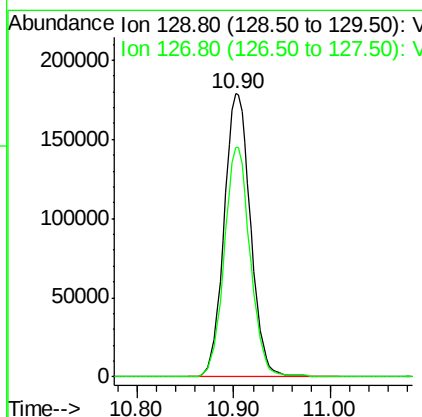
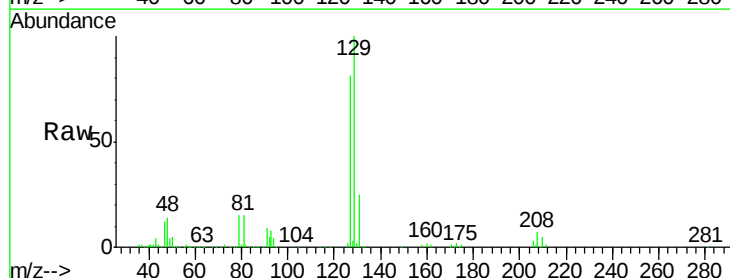
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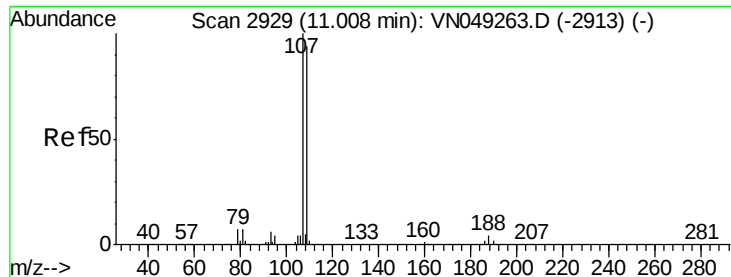
apatel
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#60
Dibromochloromethane
Concen: 18.67 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.1	117.2





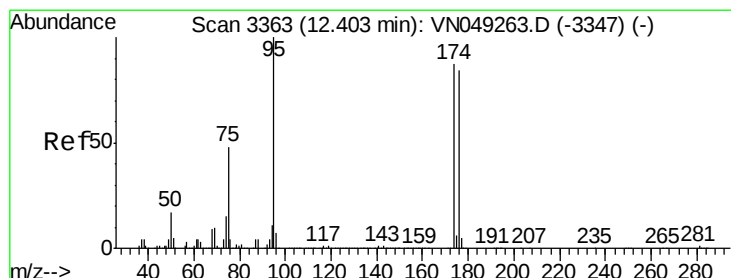
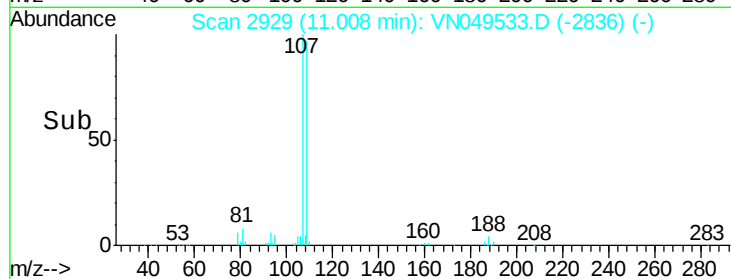
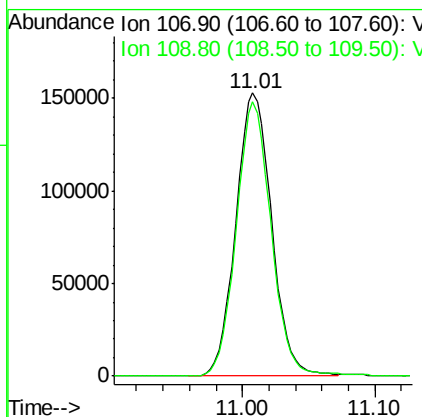
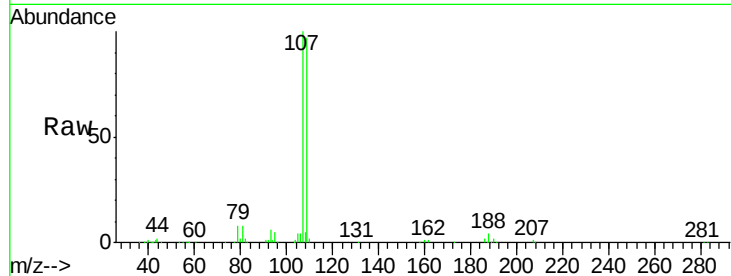
#61
 1,2-Dibromoethane
 Concen: 19.00 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.4	113.2

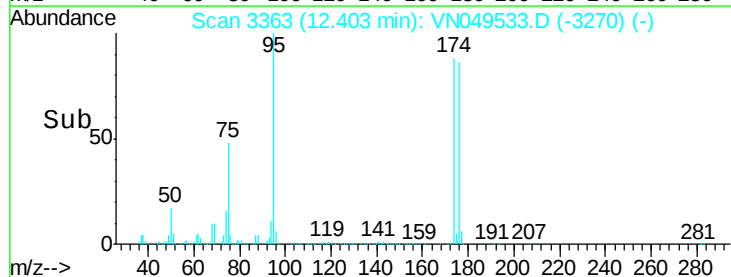
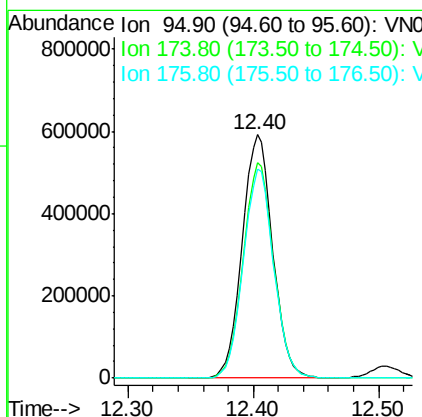
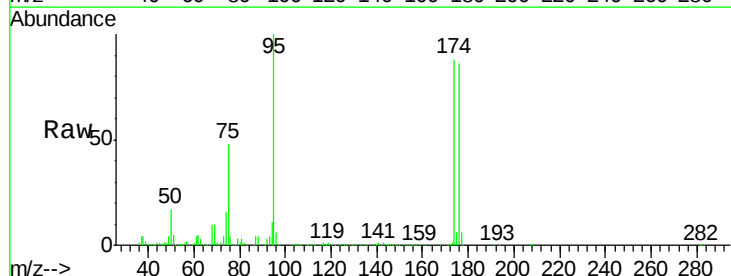
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 46.26 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	165.6
176	86.0	0.0	157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:117 Resp: 1901237

Ion Ratio Lower Upper

117 100

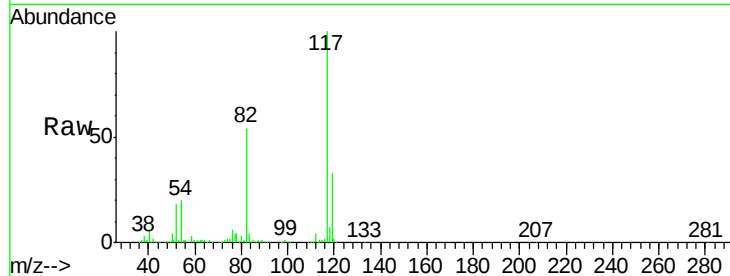
82 53.8 45.9 68.9

119 32.7 25.5 38.3

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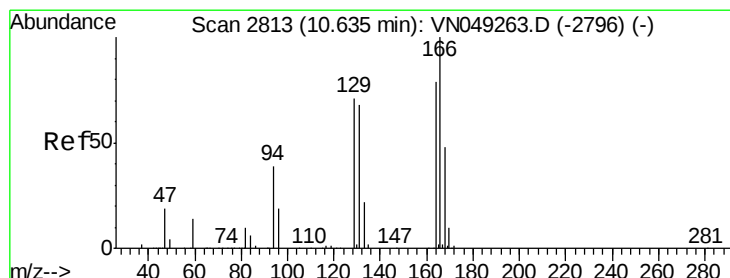
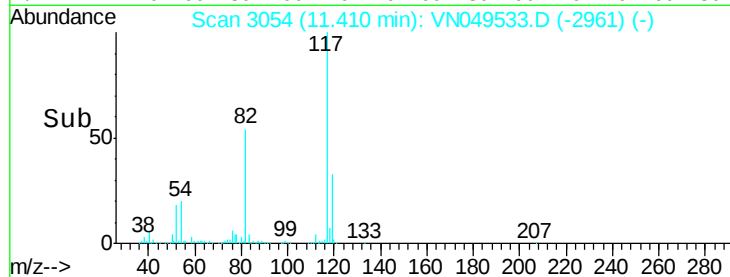
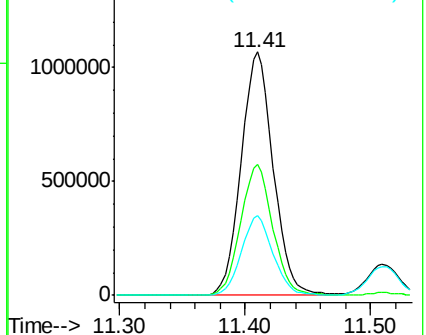
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.74 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:164 Resp: 423487

Ion Ratio Lower Upper

164 100

166 126.9 101.4 152.2

129 91.7 74.1 111.1

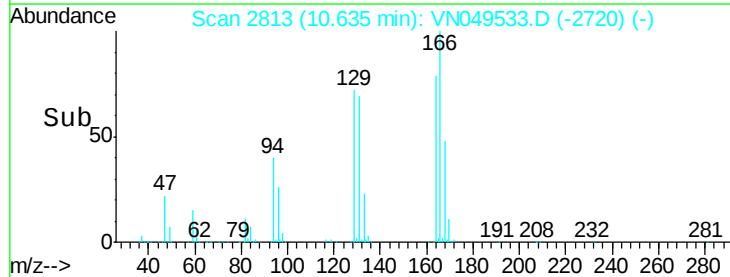
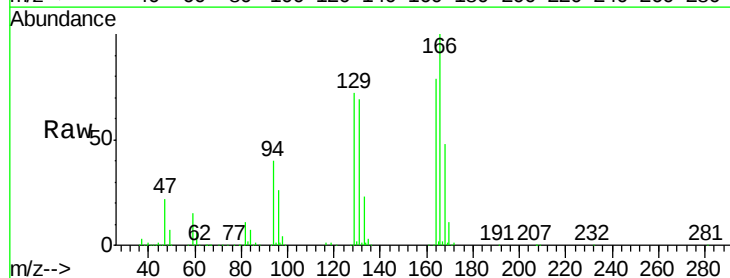
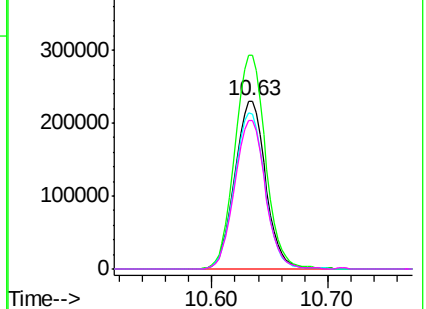
131 88.0 73.7 110.5

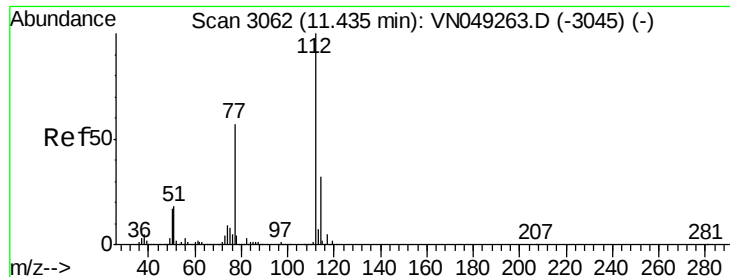
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.85 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:112 Resp: 923397

Ion Ratio Lower Upper

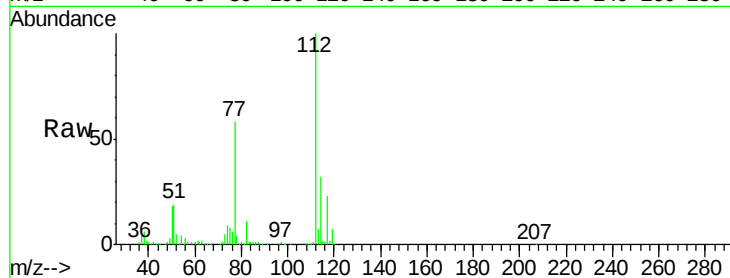
112 100

114 31.8 26.2 39.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

600000

500000

400000

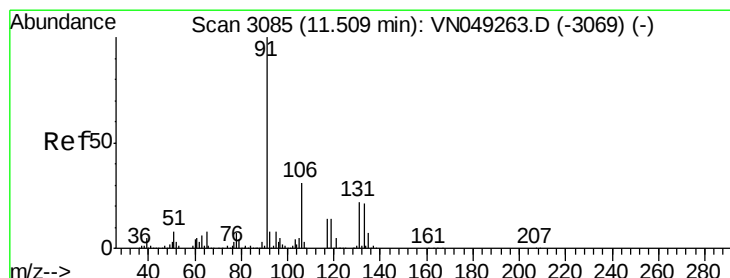
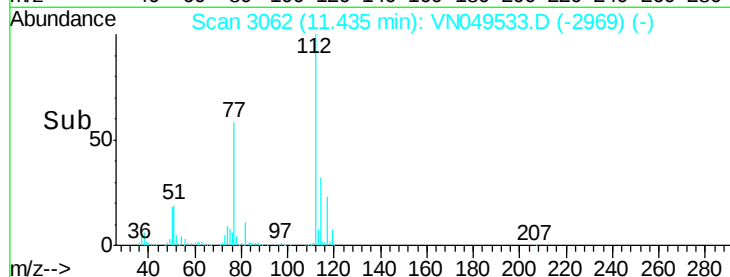
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.01 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

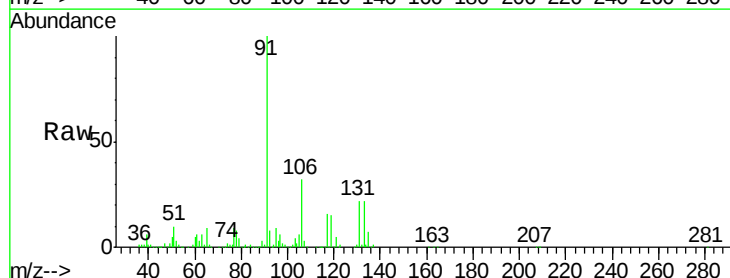
Tgt Ion:131 Resp: 350326

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.2

119 65.5 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

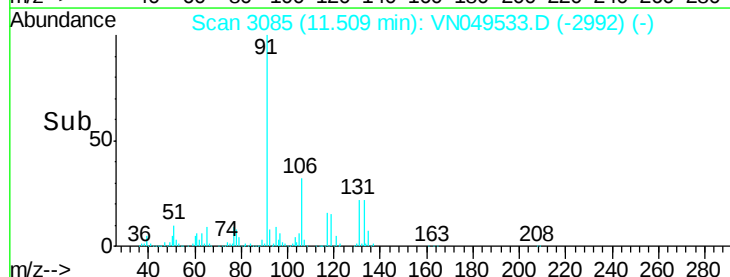
300000

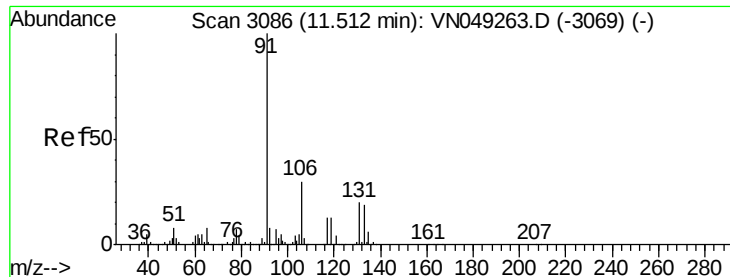
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 19.11 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD02

Tot Ion: 91 Resp: 1552645

Ion Ratio Lower Upper

91 100

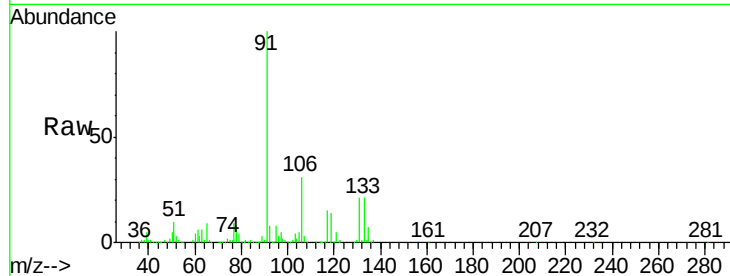
106 31.4 23.9 35.9

Manual Integrations

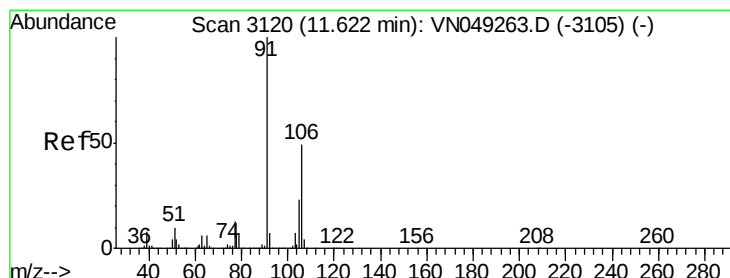
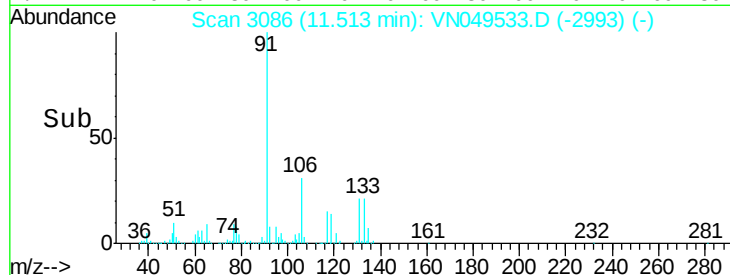
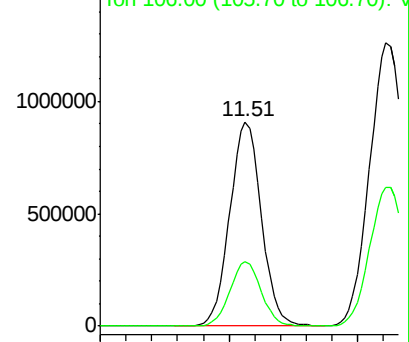
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Abundance Ion 91.00 (90.70 to 91.70): VN049533.D (-2993) (-)



#68

m/p-Xylenes

Concen: 39.18 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049533.D

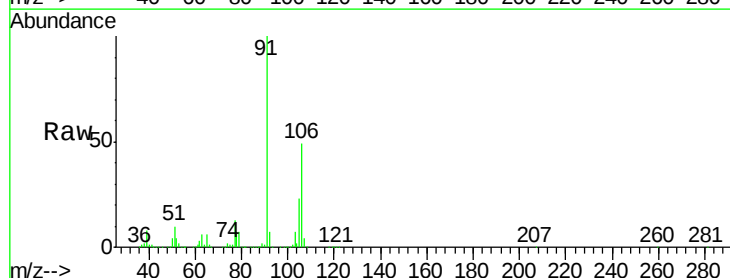
Acq: 26 Jun 2018 1:46

Tgt Ion: 106 Resp: 1194661

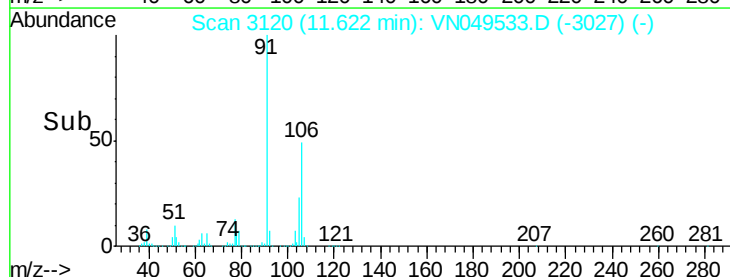
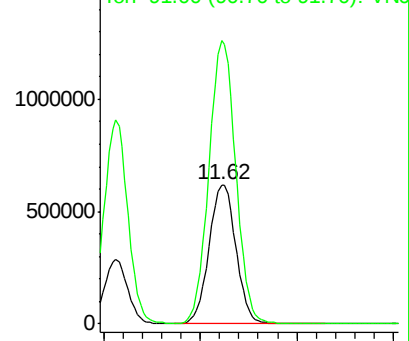
Ion Ratio Lower Upper

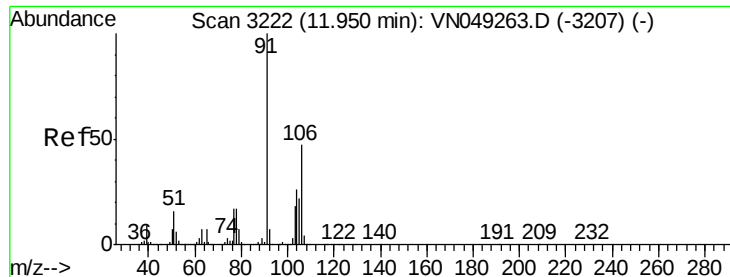
106 100

91 203.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049533.D (-3027) (-)





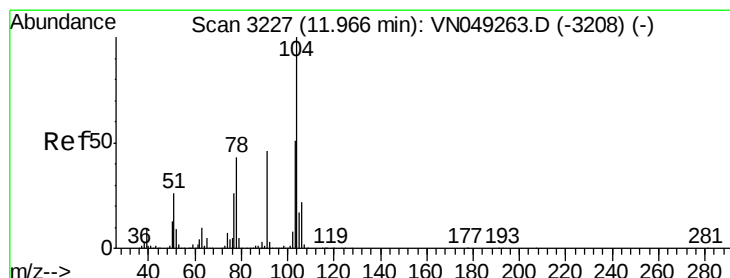
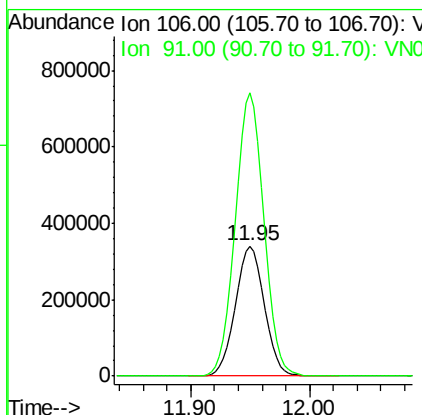
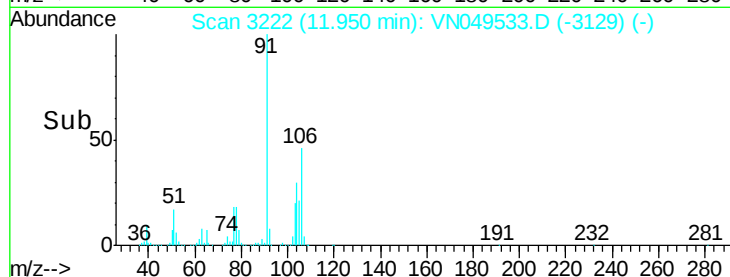
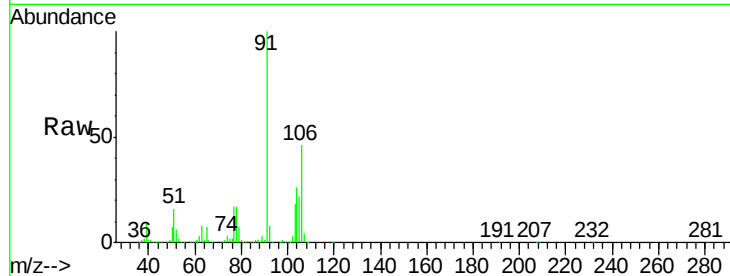
#69
o-Xylene
Concen: 19.48 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD02

Tot Ion:106 Resp: 571968
Ion Ratio Lower Upper
106 100
91 215.8 111.0 333.0

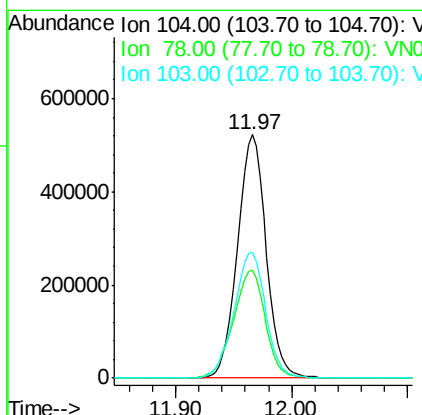
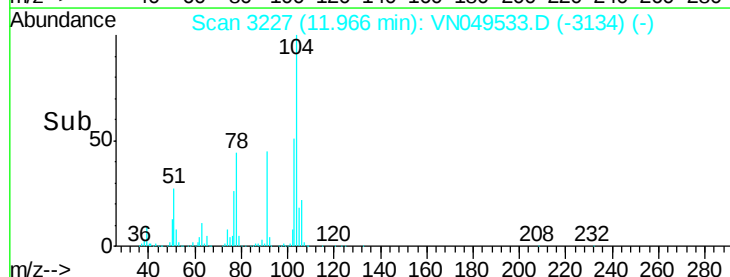
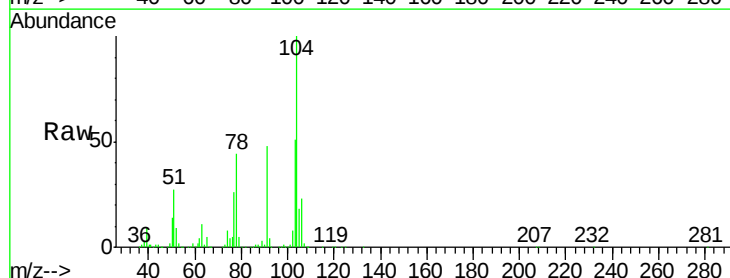
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#70
Styrene
Concen: 19.29 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion:104 Resp: 893834
Ion Ratio Lower Upper
104 100
78 49.5 41.6 62.4
103 57.2 45.4 68.2





#71

Bromoform

Concen: 18.93 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

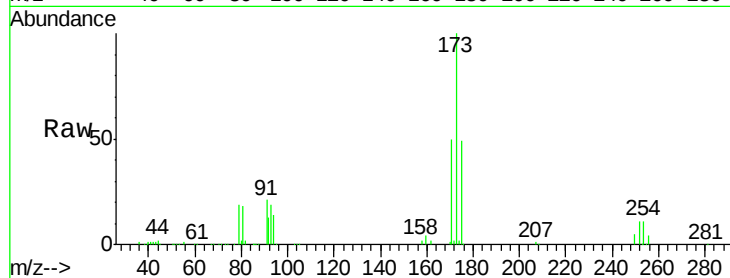
ClientSampleId :

VN0625WBSD02

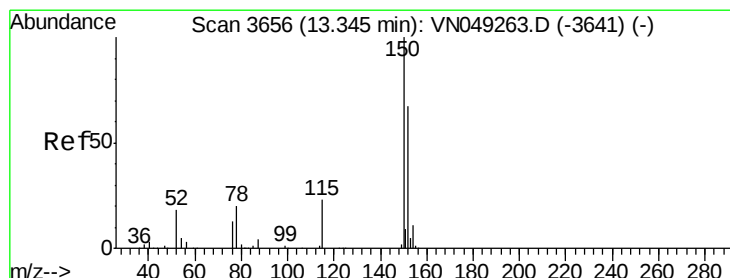
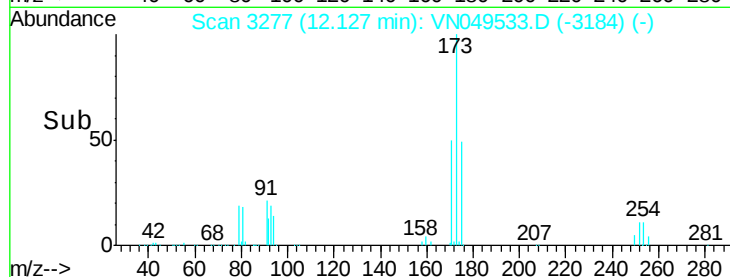
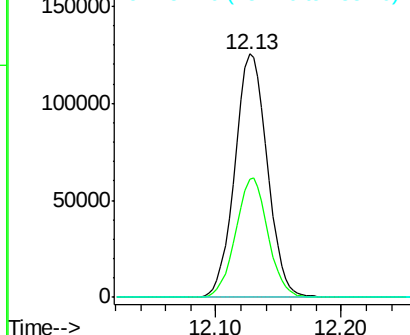
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

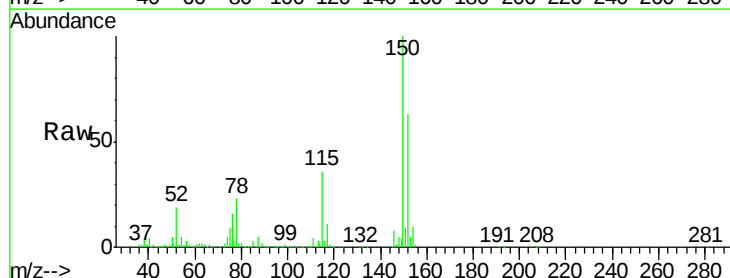
RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

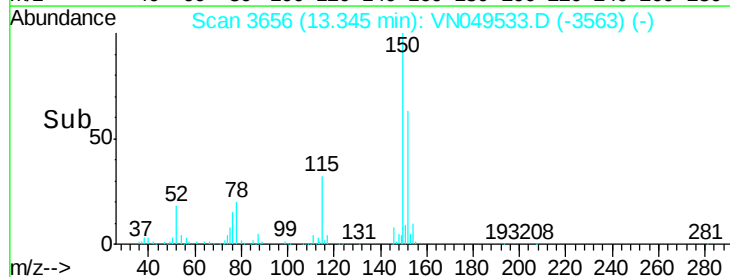
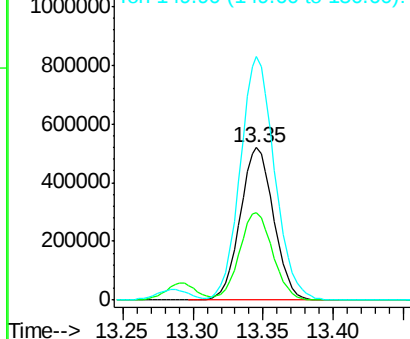
Lab File: VN049533.D

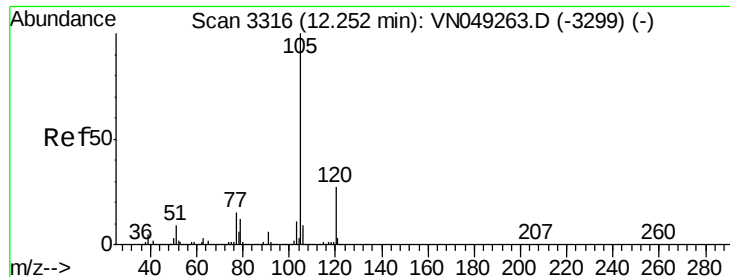
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.7	86.1
150	164.4	0.0	351.0



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: 20.11 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:105 Resp: 1519762

Ion Ratio Lower Upper

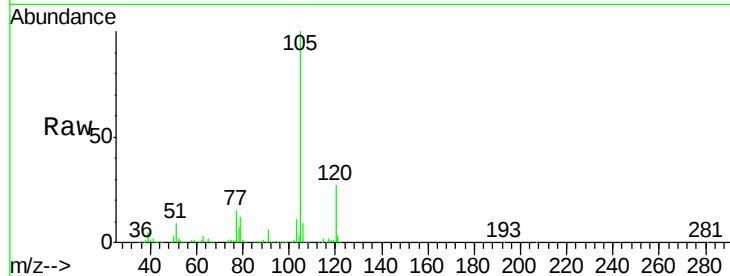
105 100

120 26.7 12.8 38.3

Manual Integrations
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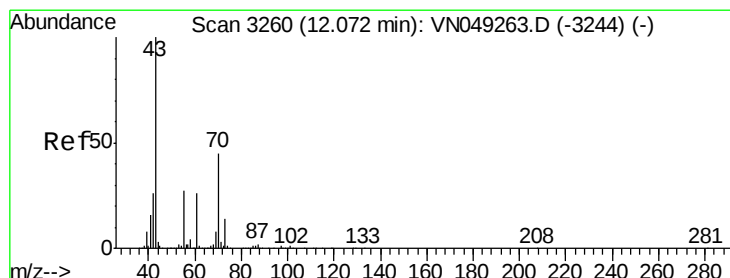
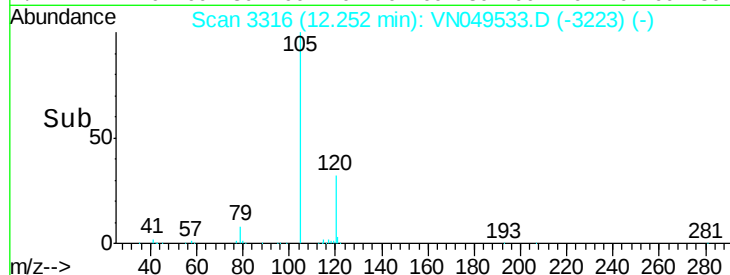
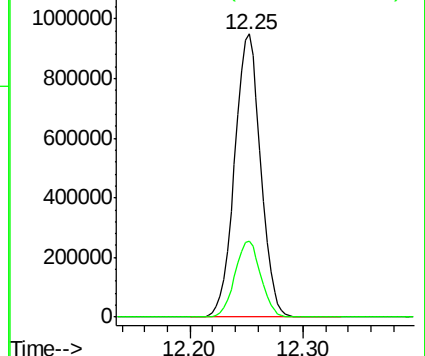
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.99 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion: 43 Resp: 332991

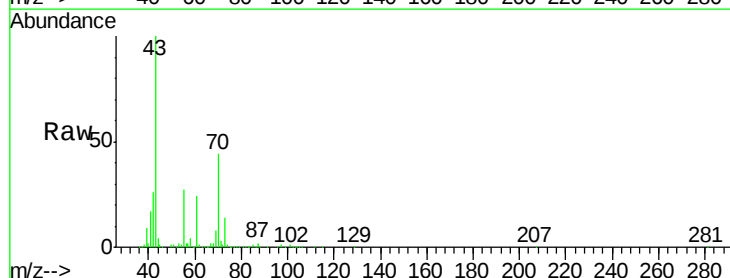
Ion Ratio Lower Upper

43 100

70 44.3 30.3 45.5

55 27.3 19.4 29.2

61 24.4 17.8 26.6

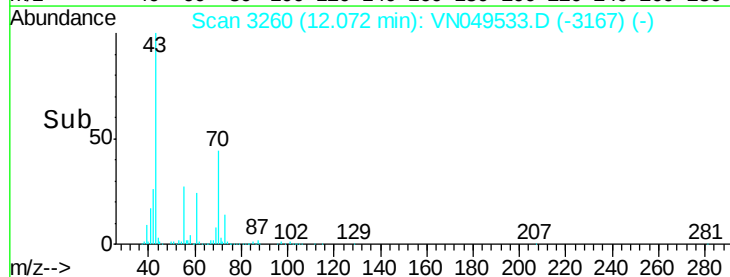
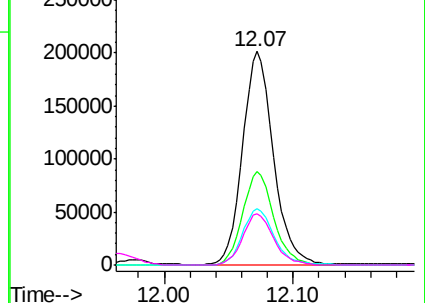


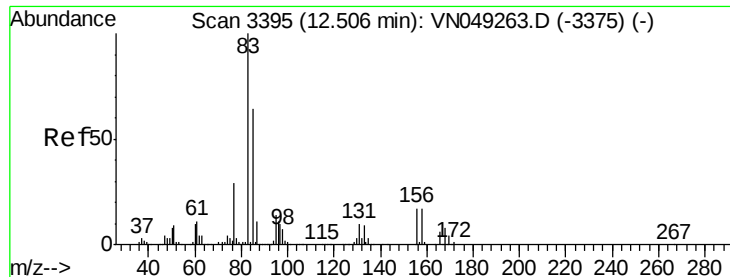
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

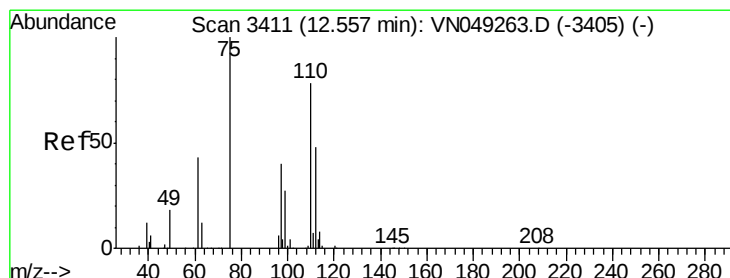
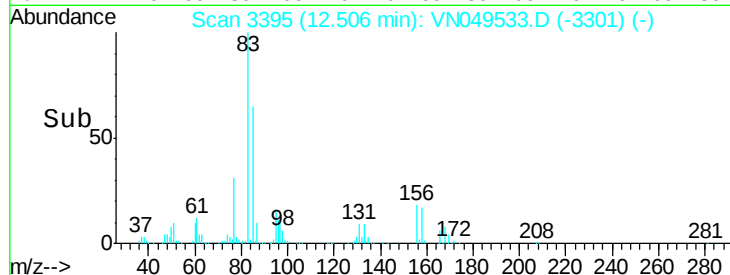
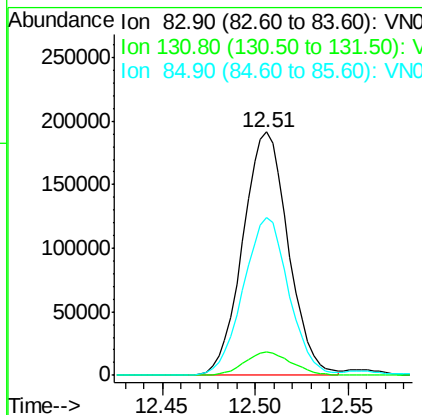
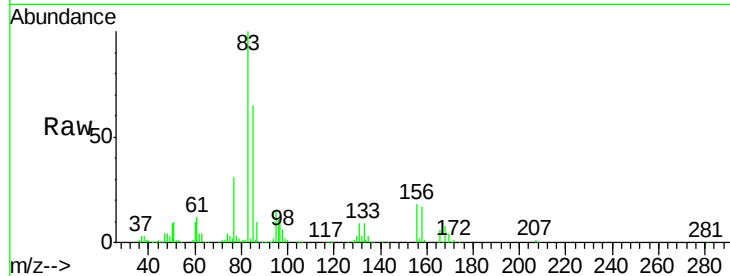
ClientSampleId :

VN0625WBSD02

Tot Ion:	83	Resp:	327520
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.65 ug/l m

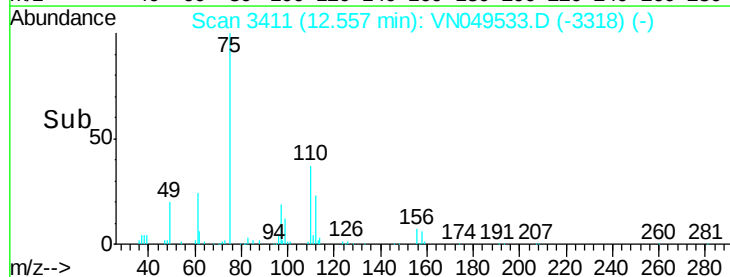
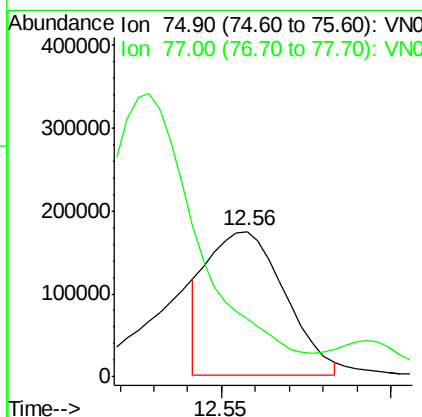
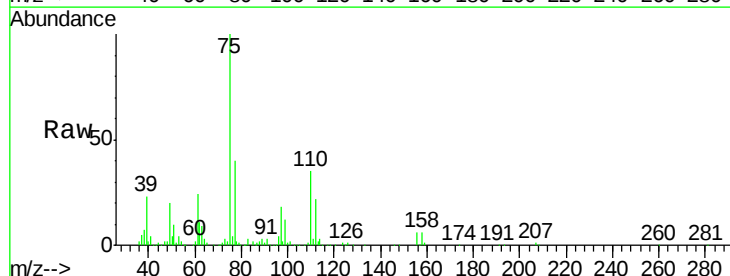
RT: 12.56 min Scan# 3411

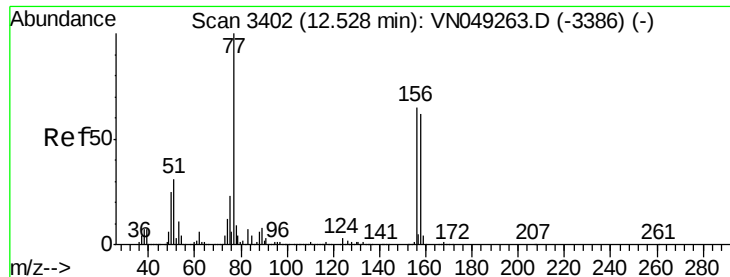
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	75	Resp:	273820
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

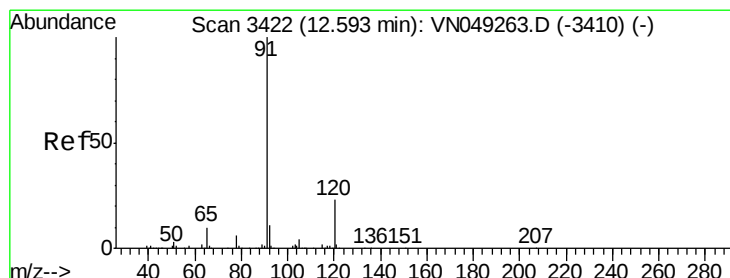
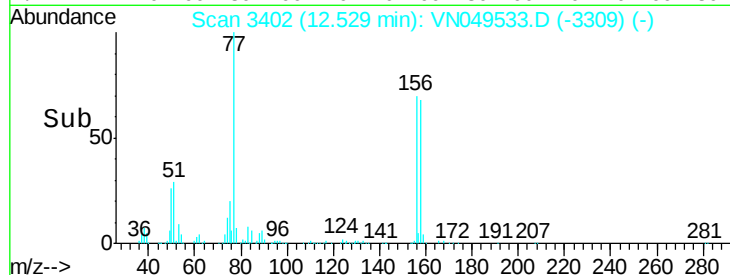
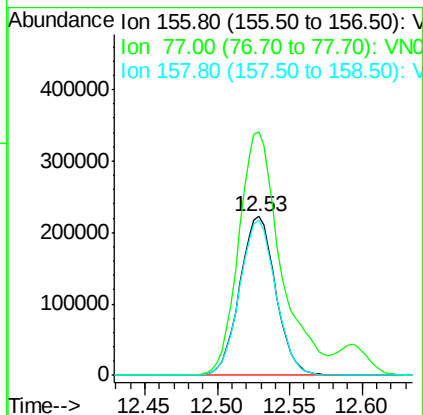
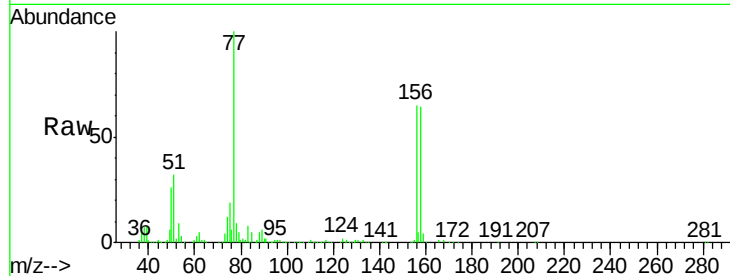
ClientSampleId :

VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	179.4	100.8	302.4
158	97.8	49.3	147.9

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#78

n-propylbenzene

Concen: 20.25 ug/l

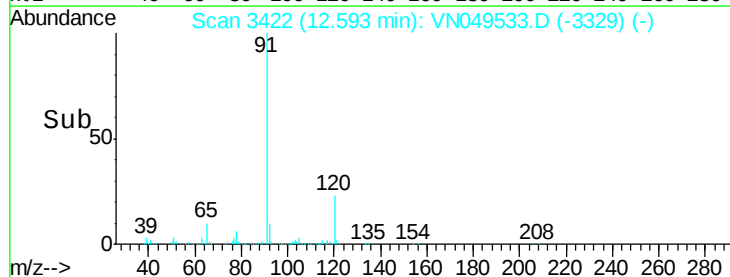
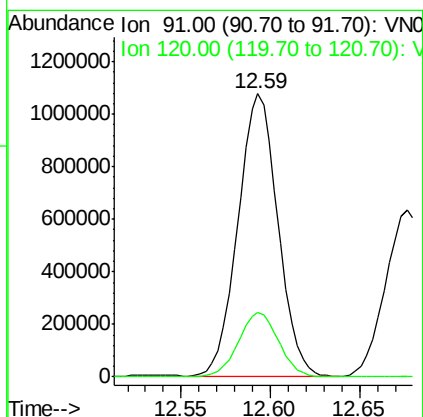
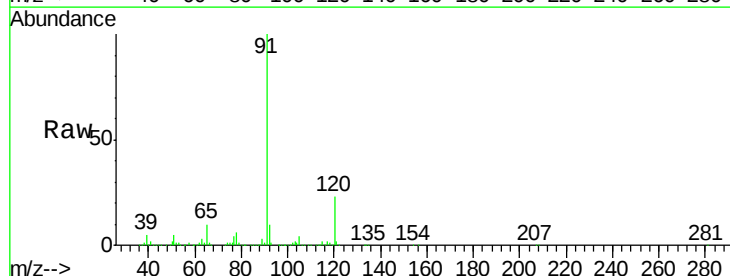
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.77 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion: 91 Resp: 1039500

Ion Ratio Lower Upper

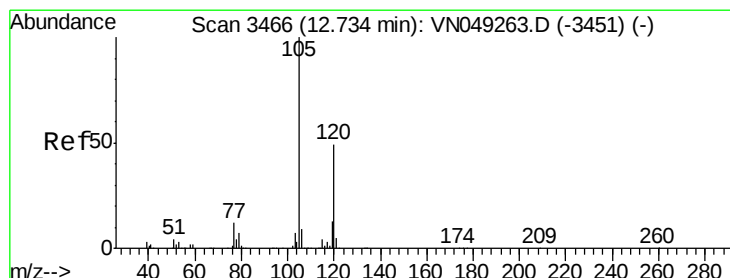
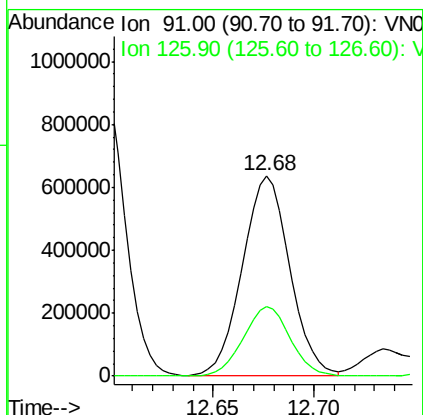
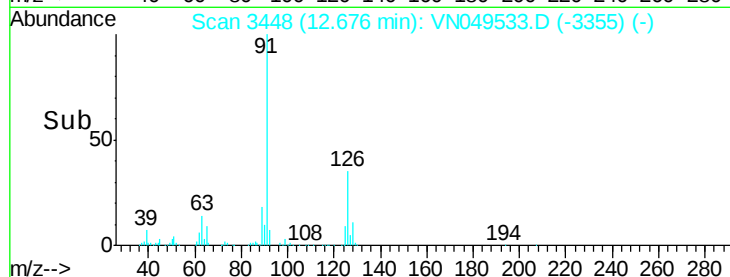
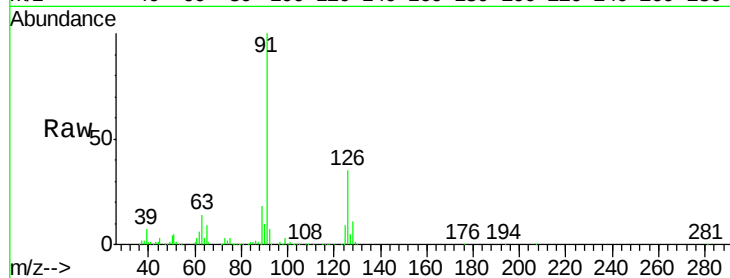
91 100

126 34.8 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.71 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049533.D

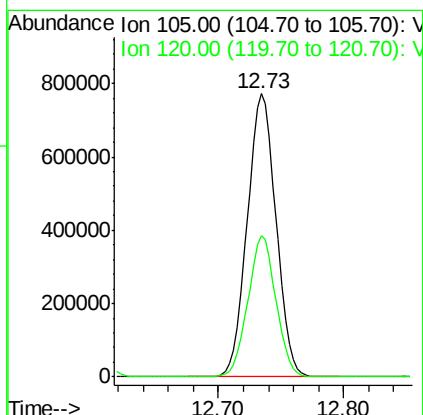
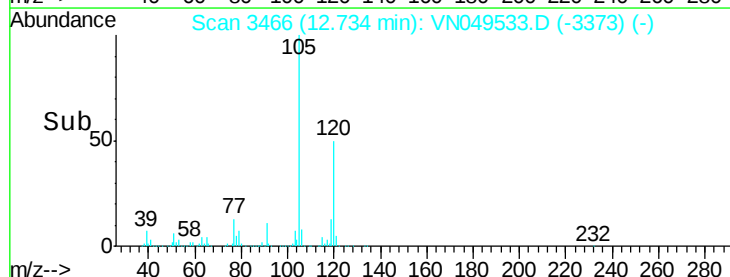
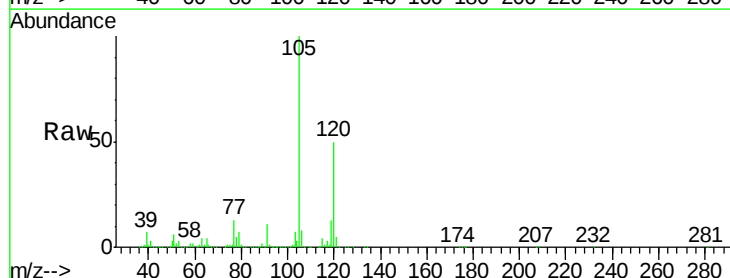
Acq: 26 Jun 2018 1:46

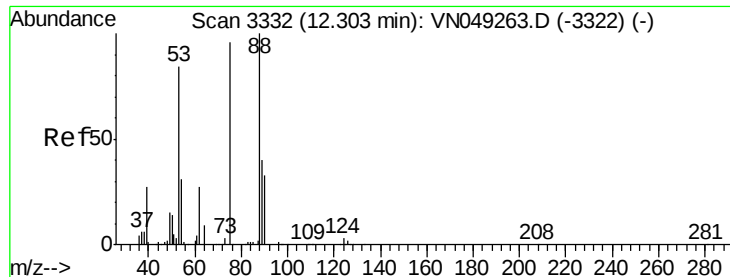
Tgt Ion: 105 Resp: 1229791

Ion Ratio Lower Upper

105 100

120 48.8 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.02 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

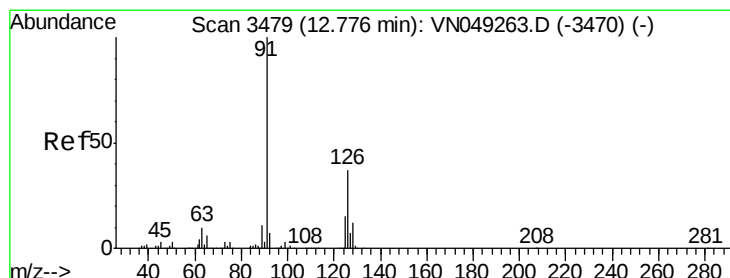
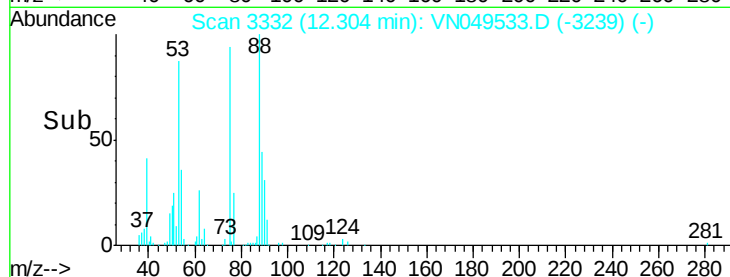
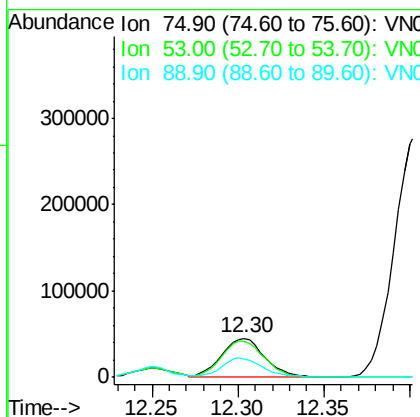
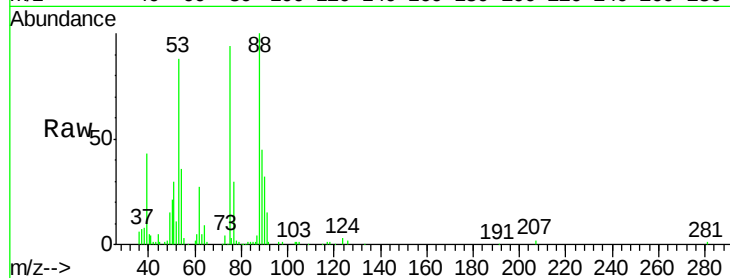
ClientSampleId :

VN0625WBSD02

Tot Ion:	75	Resp:	79080
Ion	Ratio	Lower	Upper
75	100		
53	93.9	82.7	124.1
89	47.6	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.93 ug/l

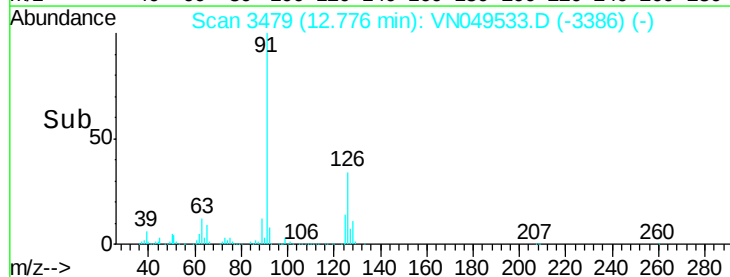
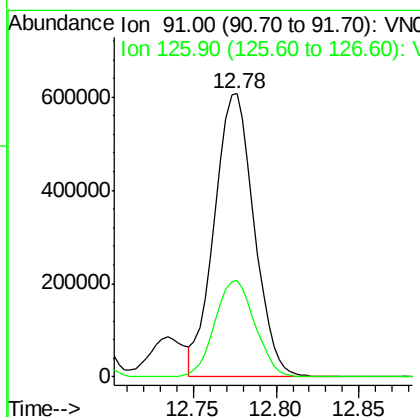
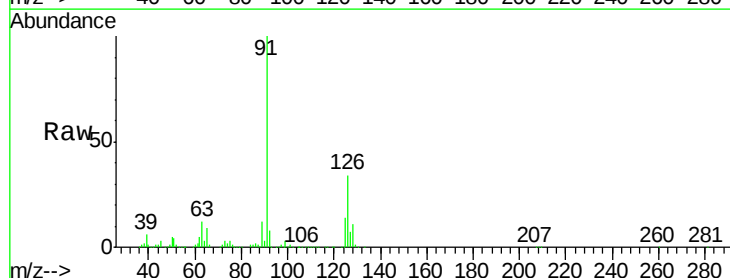
RT: 12.78 min Scan# 3479

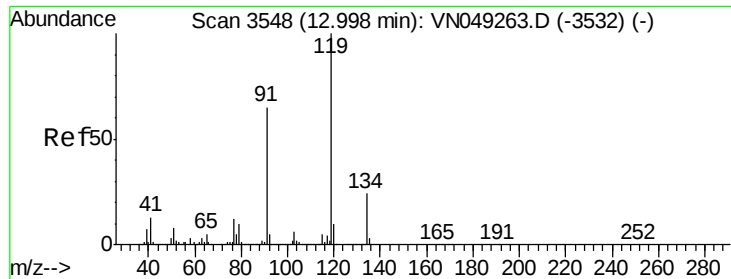
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	91	Resp:	1010542
Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.4	49.1





#83

tert-Butylbenzene

Concen: 19.81 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:119 Resp: 1042523

Ion Ratio Lower Upper

119 100

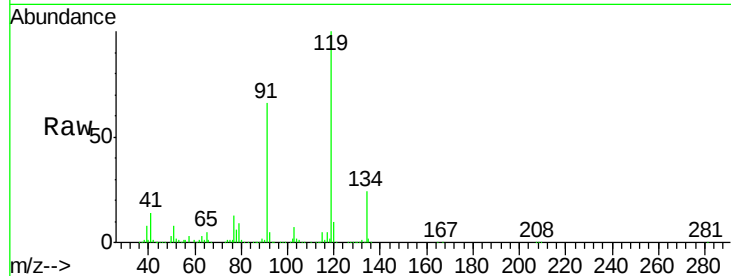
91 64.9 33.7 101.0

134 24.5 12.9 38.6

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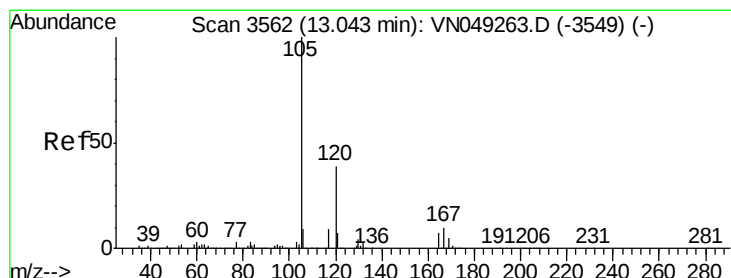
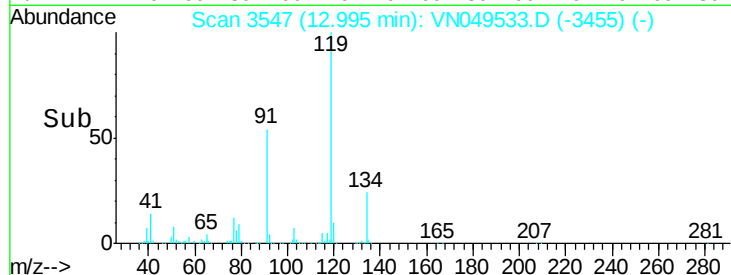
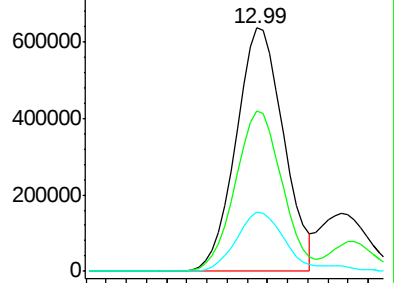
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.79 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049533.D

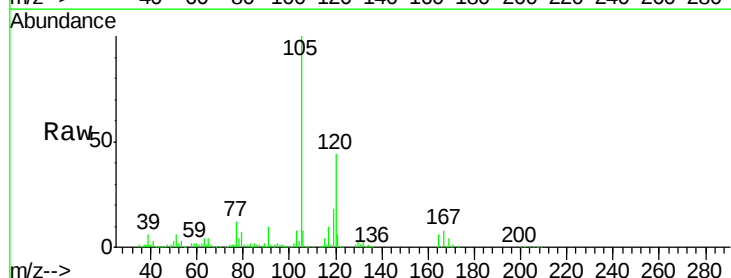
Acq: 26 Jun 2018 1:46

Tgt Ion:105 Resp: 1226560

Ion Ratio Lower Upper

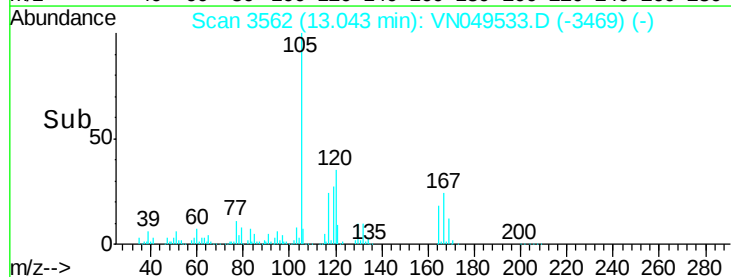
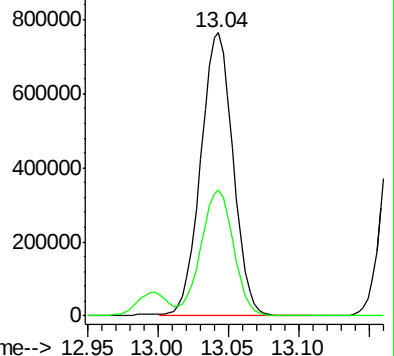
105 100

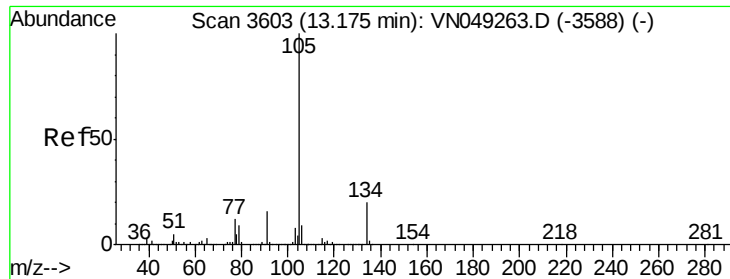
120 44.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.69 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

Tot Ion:105 Resp: 1378690

Ion Ratio Lower Upper

105 100

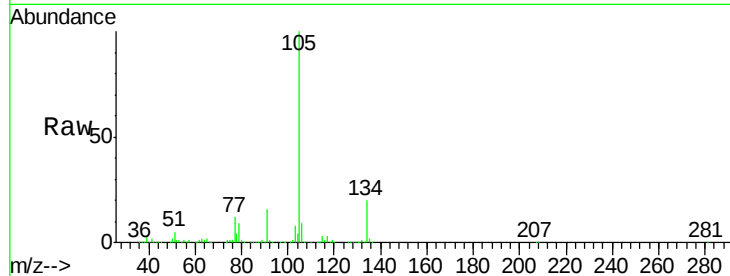
134 19.9 9.8 29.3

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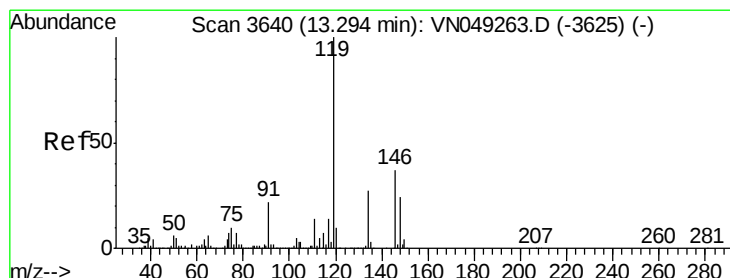
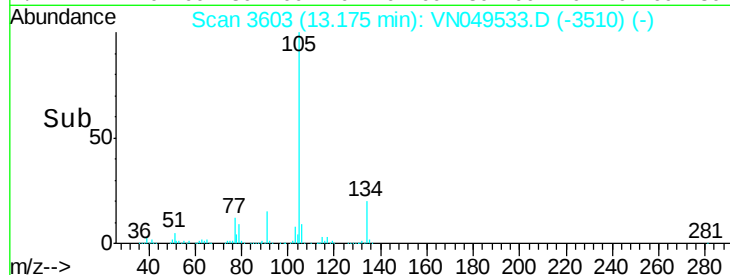
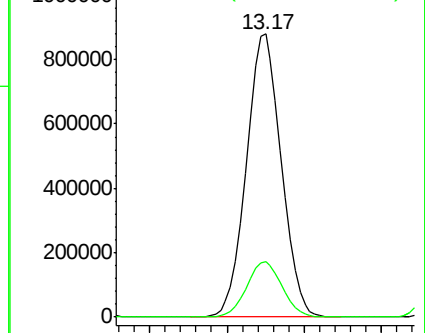
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.59 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

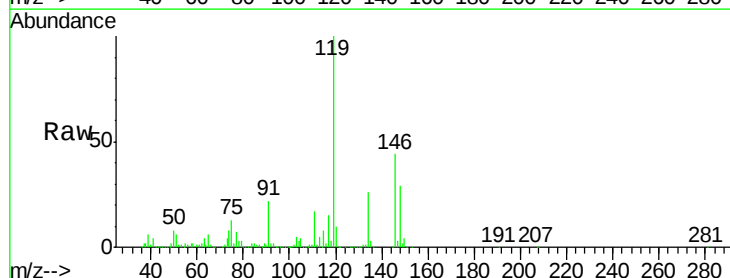
Tgt Ion:119 Resp: 1146179

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

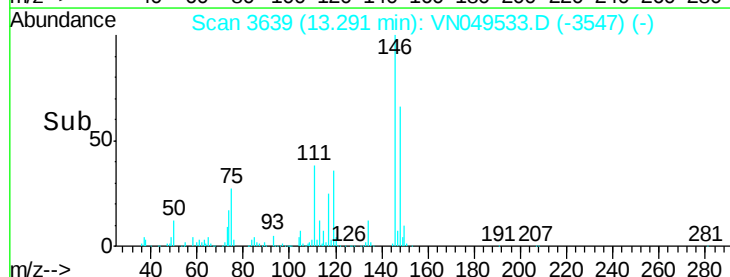
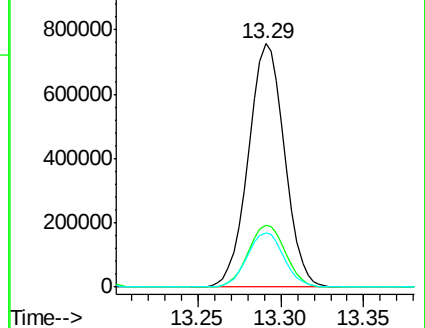
91 22.7 12.1 36.3



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





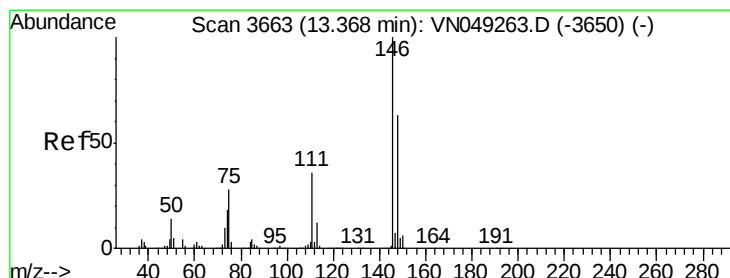
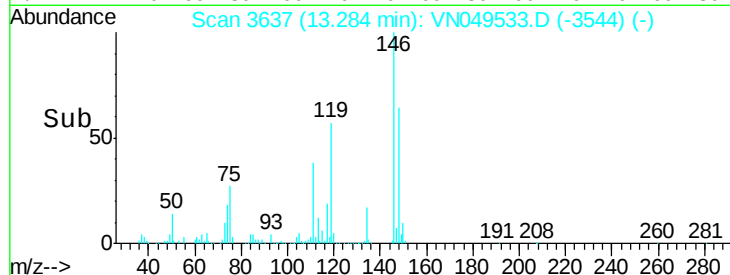
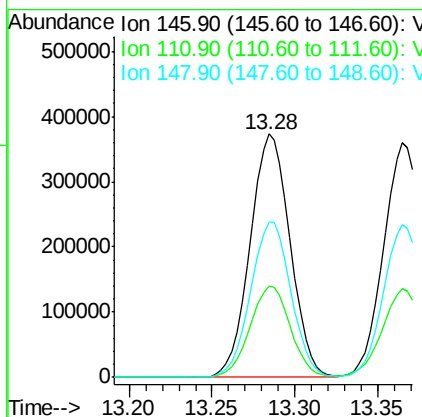
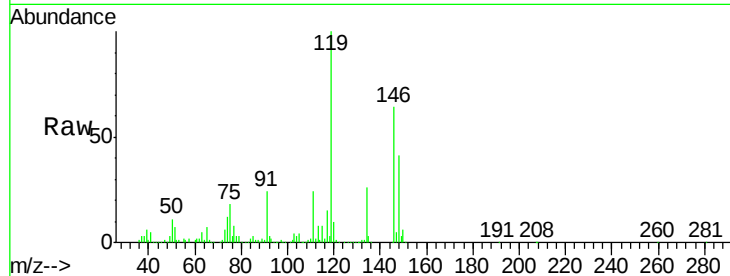
#87
 1,3-Dichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.9	59.6
148	64.5	32.1	96.5

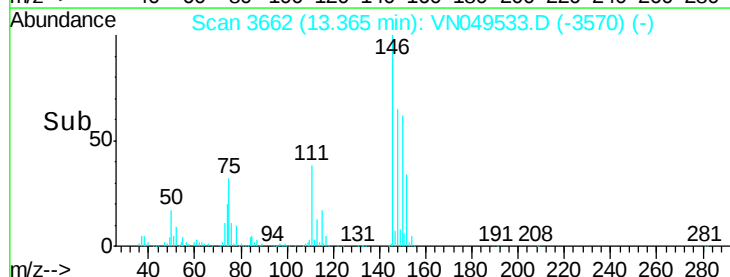
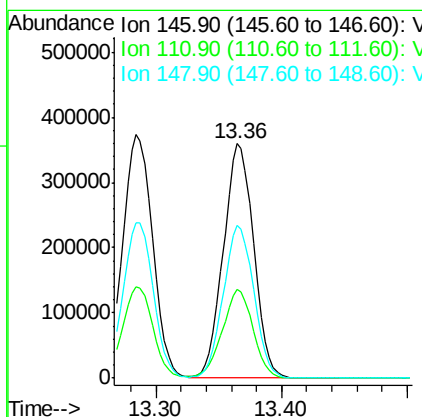
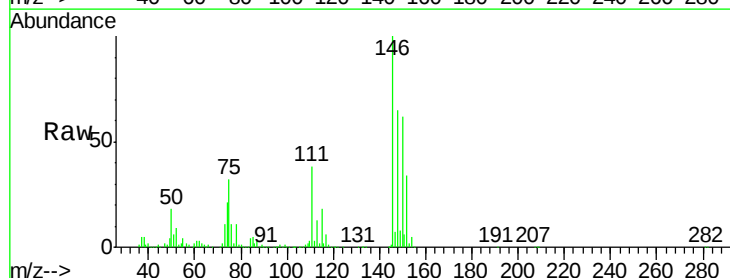
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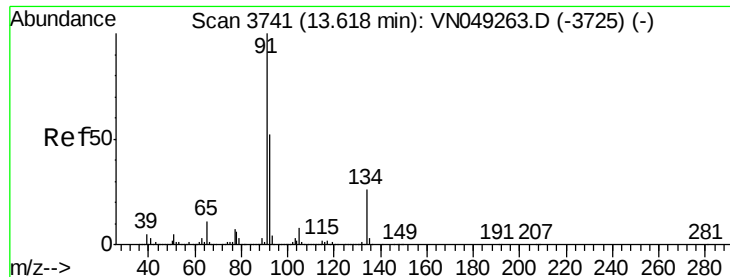
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#88
 1,4-Dichlorobenzene
 Concen: 18.54 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	65.3	32.0	96.2





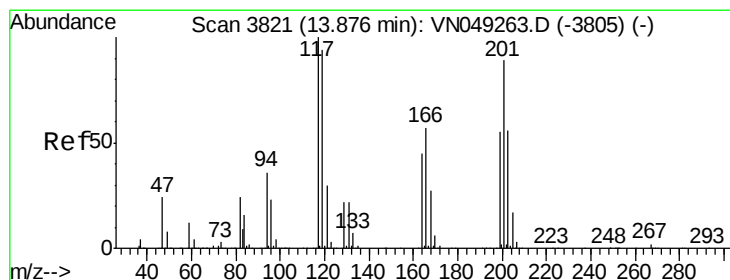
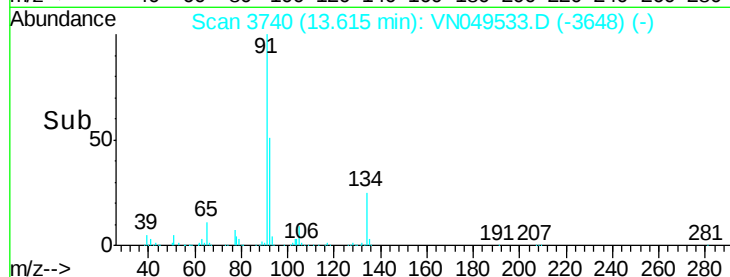
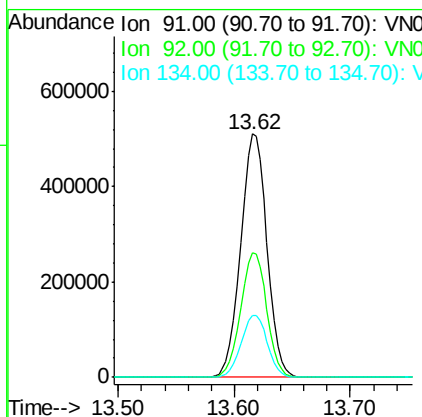
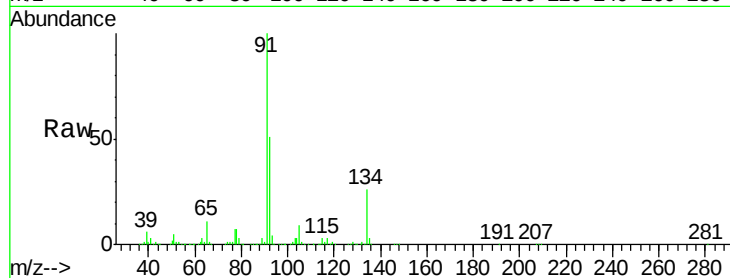
#89
n-Butylbenzene
Concen: 17.51 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.1	75.4
134	25.6	12.0	36.0

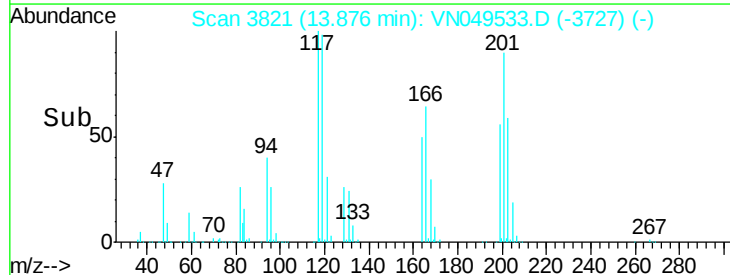
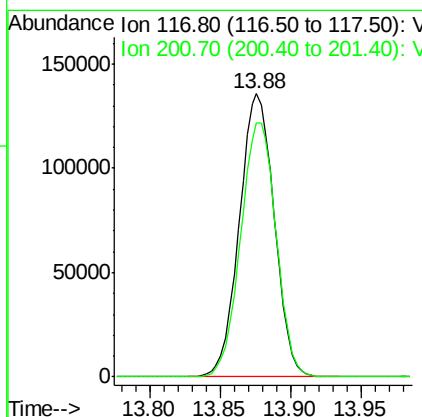
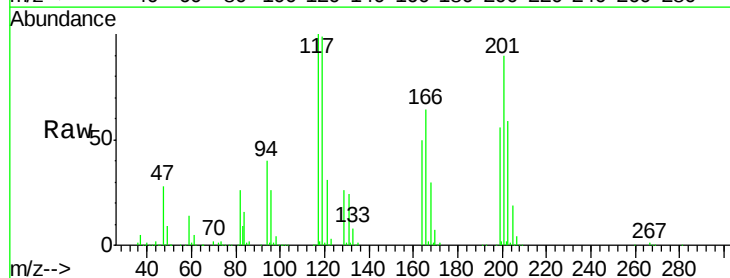
Manual Integrations
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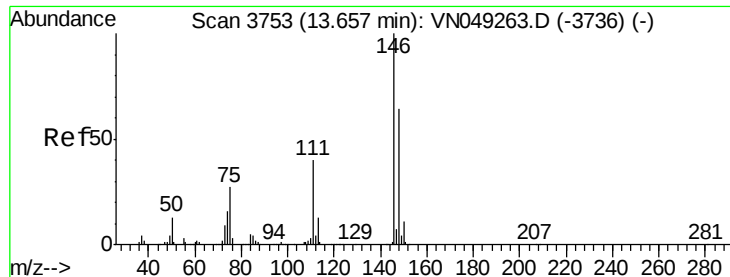
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#90
Hexachloroethane
Concen: 20.22 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	40.1	120.2





#91

1,2-Dichlorobenzene

Concen: 19.15 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

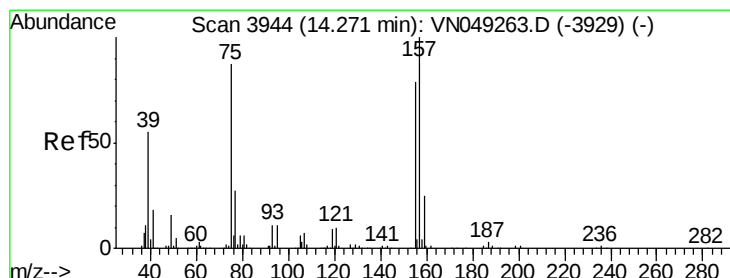
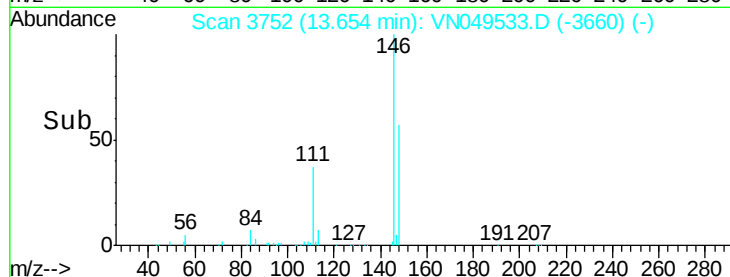
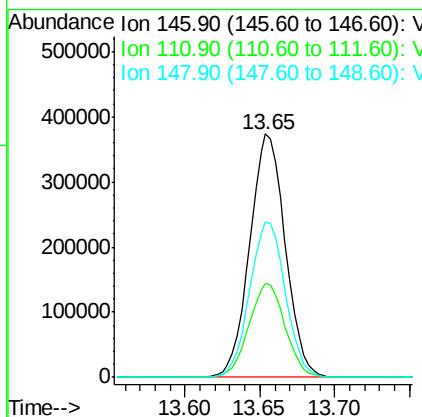
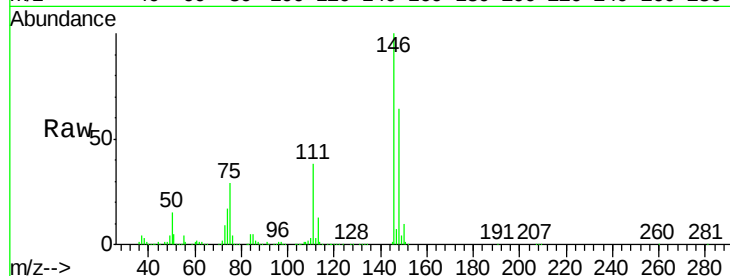
ClientSampleId :

VN0625WBSD02

Tot Ion:	146	Resp:	616715
Ion Ratio		Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.4	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.64 ug/l

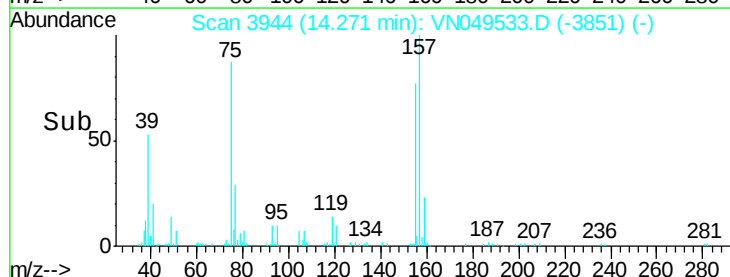
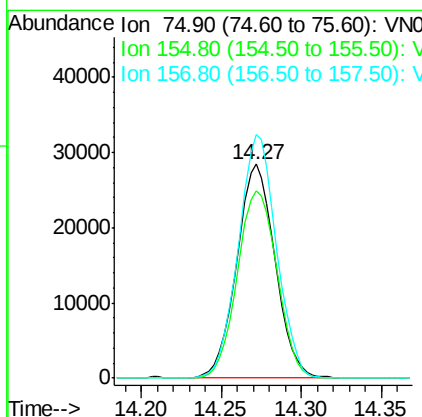
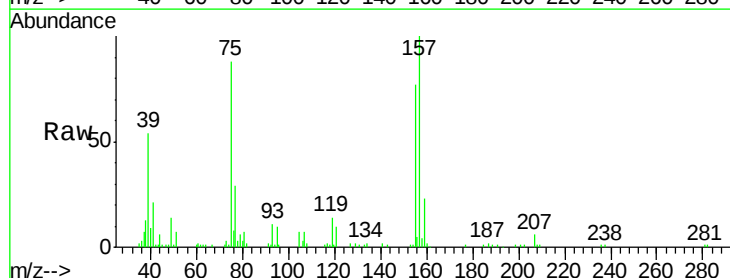
RT: 14.27 min Scan# 3944

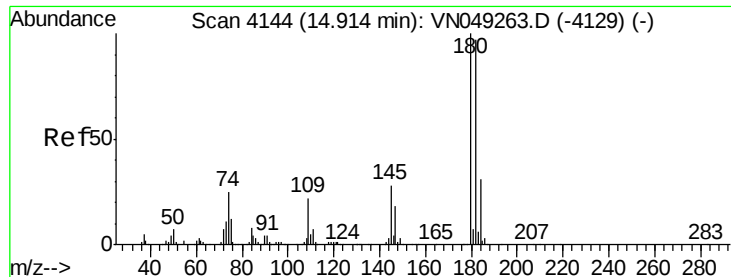
Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion:	75	Resp:	46409
Ion Ratio		Lower	Upper
75	100		
155	90.3	38.8	116.3
157	113.0	51.0	153.1





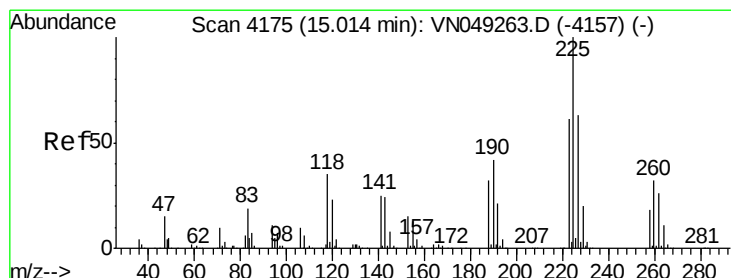
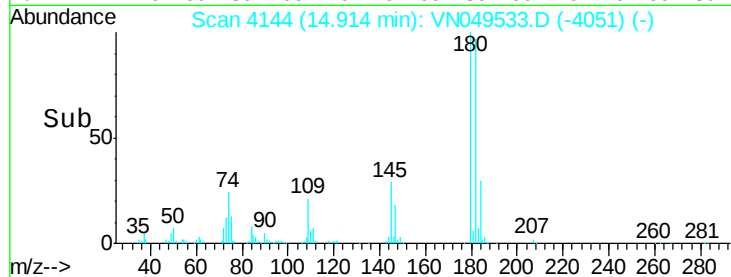
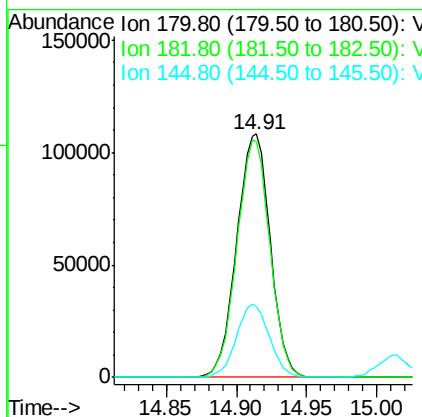
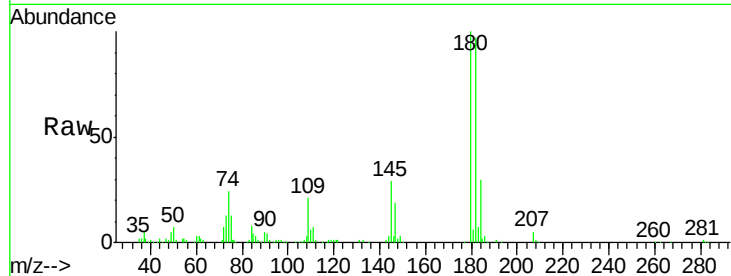
#93
 1,2,4-Trichlorobenzene
 Concen: 15.80 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180373		
182	95.6	46.9	140.8	
145	29.5	14.7	44.1	

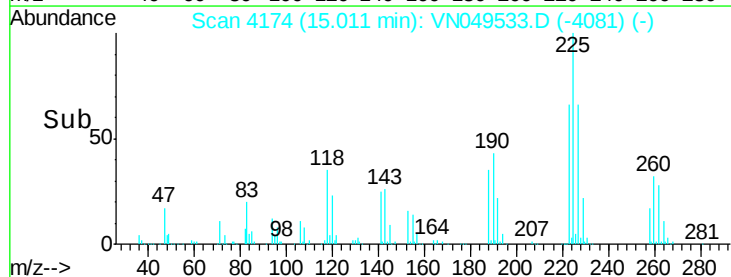
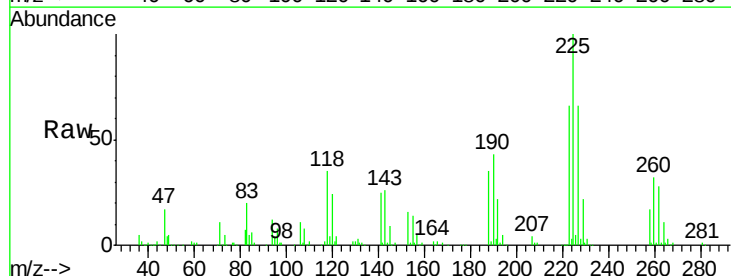
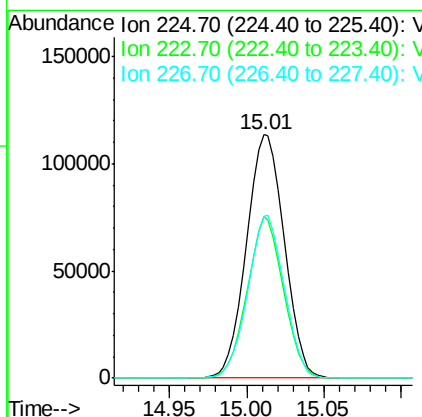
Manual Integrations
 APPROVED

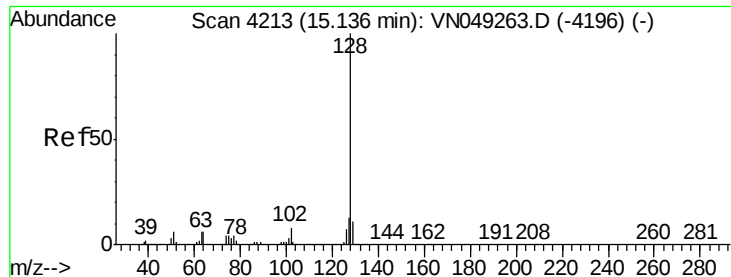
apatel
 6/26/2018 5:16:01 PM



#94
 Hexachlorobutadiene
 Concen: 18.82 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193250		
223	63.5	32.1	96.3	
227	64.5	31.8	95.3	





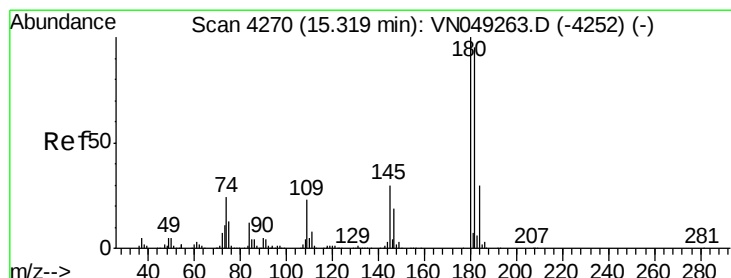
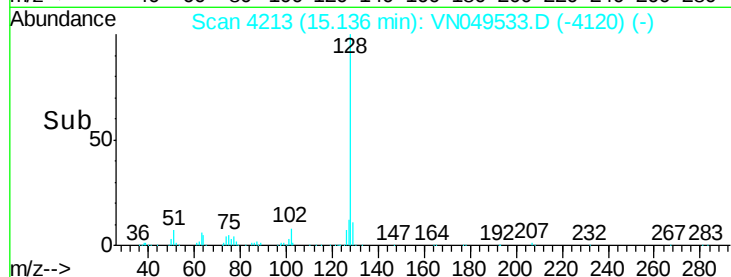
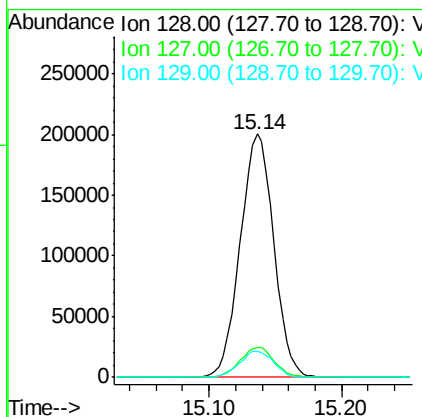
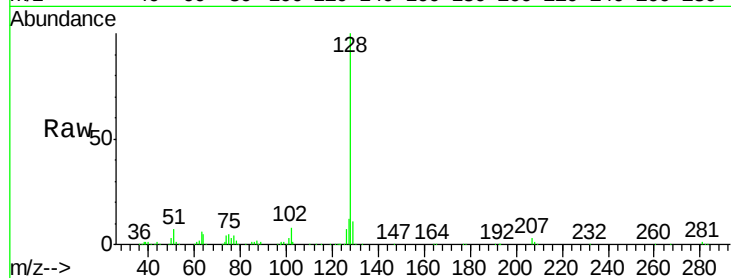
#95
Naphthalene
Concen: 16.20 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	350756		
127	12.6	10.6	16.0	
129	10.9	8.5	12.7	

Manual Integrations
APPROVED

apatel
6/26/2018 5:16:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.55 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202879		
182	96.8	47.3	141.8	
145	30.8	15.6	46.7	

