

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056126.D
 Acq On : 8 Jun 2019 2:51
 Operator : JC/SP
 Sample : K3203-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 05:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	320944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140490	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	167917	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	149078	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	10.09	98	611785	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.40	95	186736	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

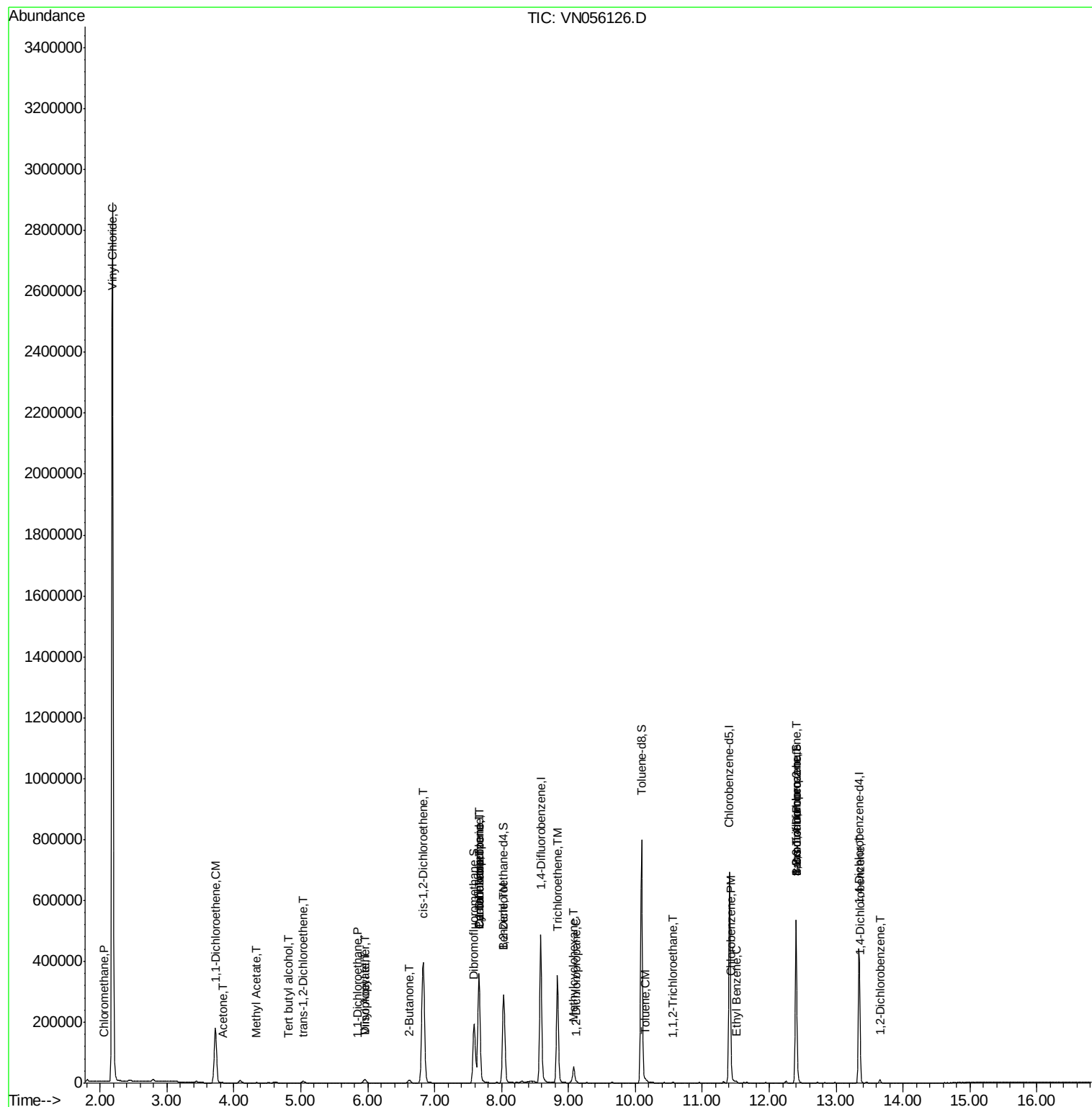
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	749	0.215	ug/l	89
4) Vinyl Chloride	2.18	62	2718925	779.106	ug/l	100
11) Tert butyl alcohol	4.81	59	579	1.044	ug/l #	74
12) 1,1-Dichloroethene	3.73	96	102330	37.980	ug/l	98
16) Acetone	3.83	43	1646	1.080	ug/l	94
18) Methyl Acetate	4.34	43	2383	0.220	ug/l #	51
21) trans-1,2-Dichloroethene	5.03	96	3956	1.370	ug/l #	92
22) Diisopropyl ether	5.96	45	15508	1.763	ug/l	93
23) Vinyl Acetate	5.96	43	7534	1.088	ug/l #	71
24) 1,1-Dichloroethane	5.84	63	1325	0.261	ug/l #	83
25) 2-Butanone	6.62	43	509	0.264	ug/l #	47
27) cis-1,2-Dichloroethene	6.83	96	285767	84.213	ug/l	90
31) Cyclohexane	7.65	56	25372	5.018	ug/l #	79
36) 1,1-Dichloropropene	7.66	75	18860	4.584	ug/l #	48
38) Carbon Tetrachloride	7.66	117	26407	6.961	ug/l #	15
39) Methylcyclohexane	9.08	83	24759	4.830	ug/l	98
40) Benzene	8.04	78	131170	10.496	ug/l	100
44) Trichloroethene	8.83	130	144966	40.369	ug/l	100
45) 1,2-Dichloropropane	9.12	63	2114	0.660	ug/l #	80
52) Toluene	10.16	92	3139	0.404	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	1379	0.448	ug/l #	51
65) Chlorobenzene	11.44	112	5048	0.564	ug/l	99
67) Ethyl Benzene	11.51	91	4336	0.278	ug/l	98
71) Bromoform	12.40	173	1283	3.209	ug/l #	1
73) Isopropylbenzene	12.25	105	5329	Below Cal		95
76) 1,2,3-Trichloropropane	12.40	75	85514	33.080	ug/l #	100
79) 2-Chlorotoluene	12.59	91	726	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	85514	110.162	ug/l #	15
88) 1,4-Dichlorobenzene	13.36	146	2108	0.471	ug/l #	47
91) 1,2-Dichlorobenzene	13.65	146	5555	1.182	ug/l	99

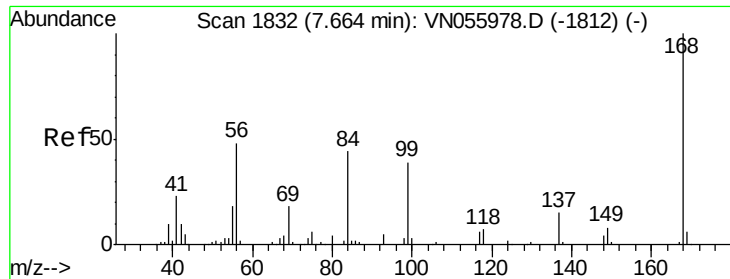
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

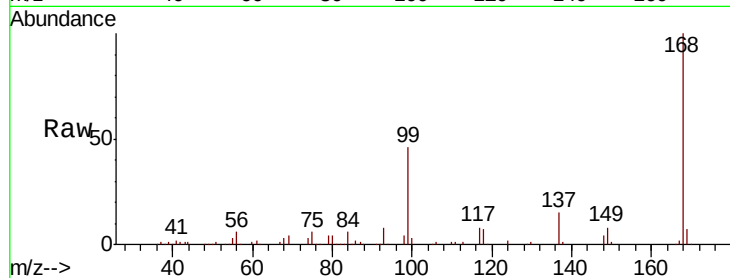
ClientSampled :

Tot Ion:168 Resp: 320944

Ion Ratio Lower Upper

168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

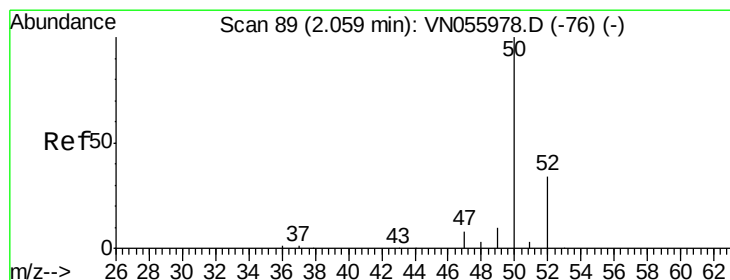
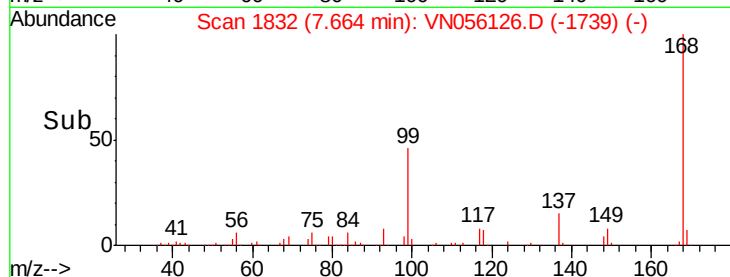
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.215 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056126.D

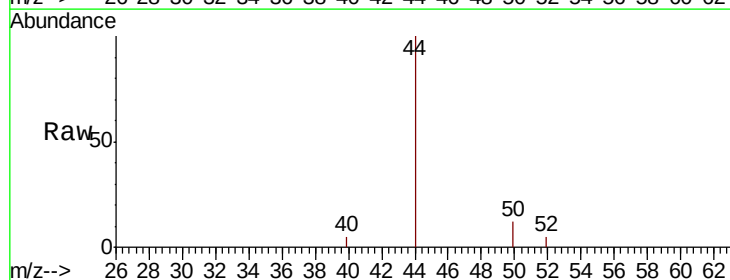
Acq: 8 Jun 2019 2:51

Tgt Ion: 50 Resp: 749

Ion Ratio Lower Upper

50 100

52 39.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

600

500

400

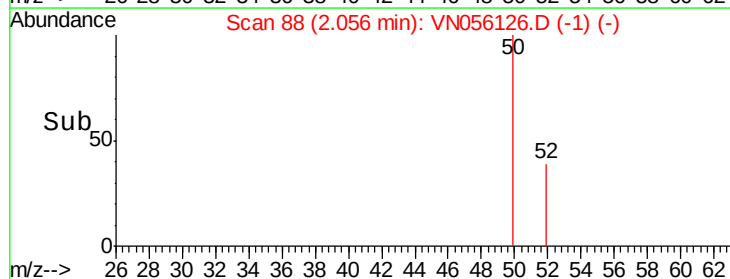
300

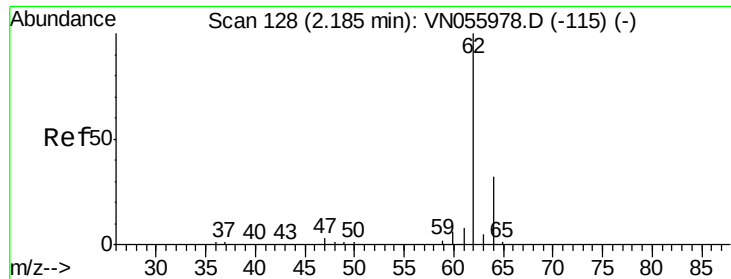
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 779.106 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

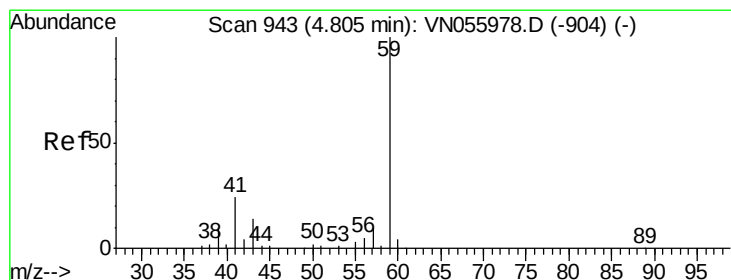
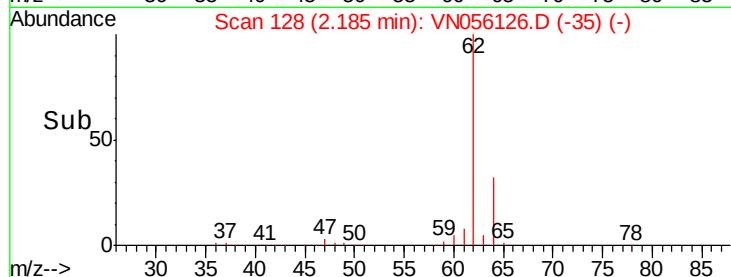
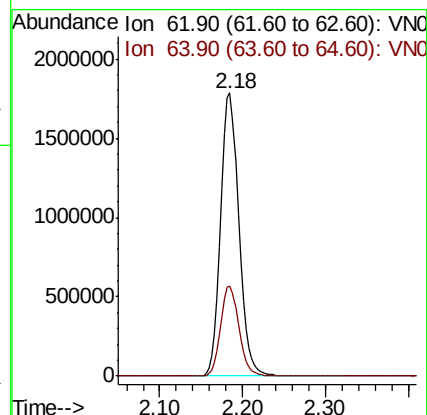
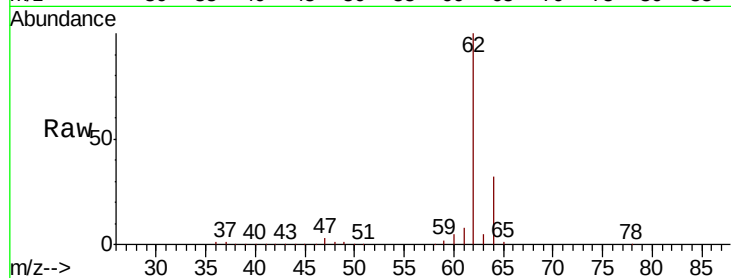
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 62 Resp: 2718925

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



#11

Tert butyl alcohol

Concen: 1.044 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.01 min

Lab File: VN056126.D

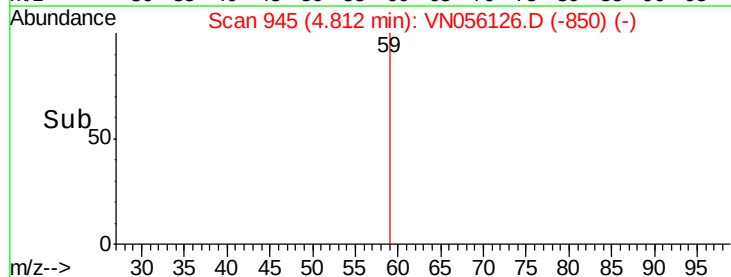
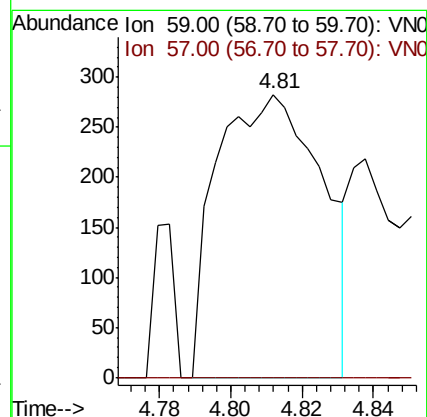
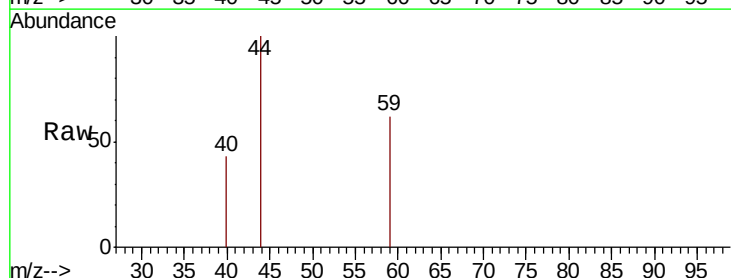
Acq: 8 Jun 2019 2:51

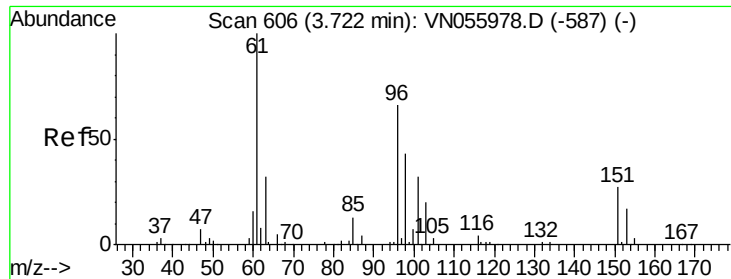
Tgt Ion: 59 Resp: 579

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

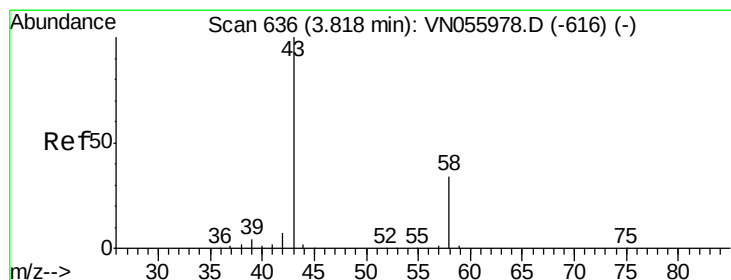
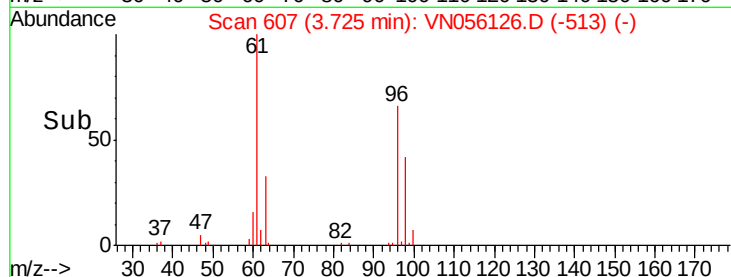
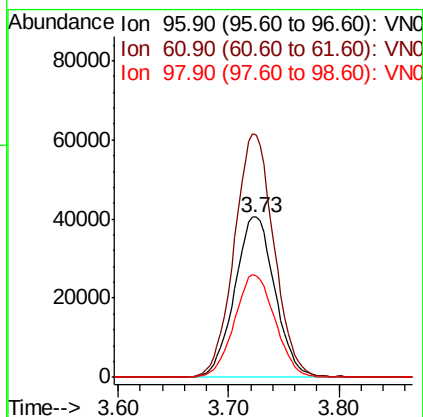
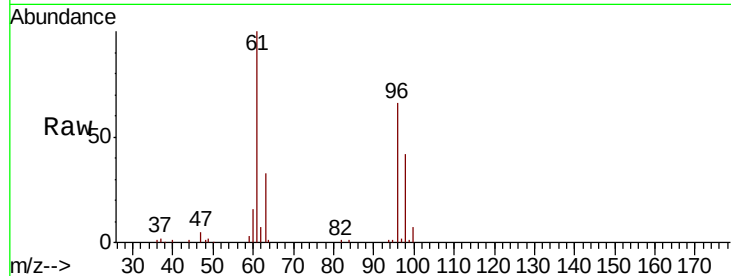




#12
 1,1-Dichloroethene
 Concen: 37.980 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

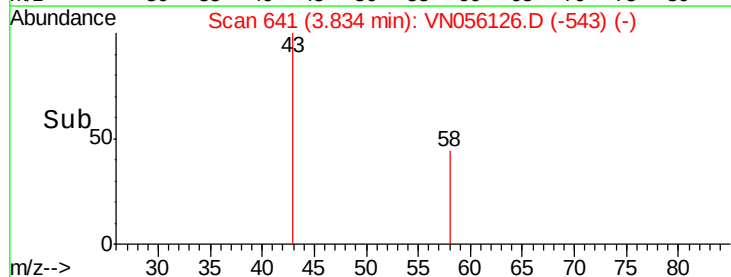
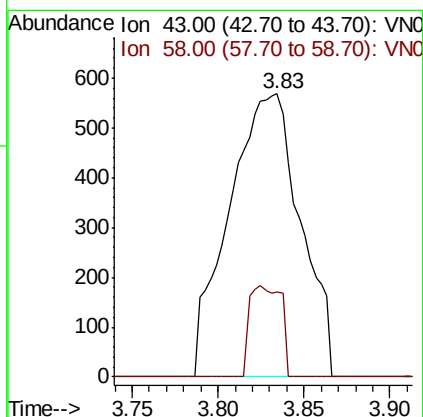
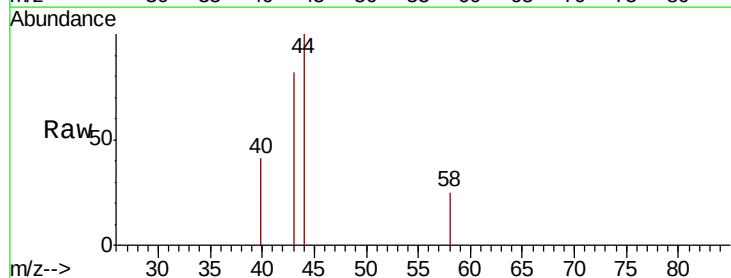
Instrument :
 MSVOA_N
 ClientSampled :

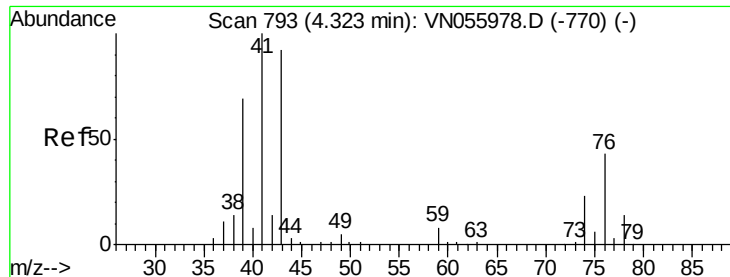
Tot Ion: 96 Resp: 102330
 Ion Ratio Lower Upper
 96 100
 61 151.3 123.2 184.8
 98 63.6 50.4 75.6



#16
 Acetone
 Concen: 1.080 ug/l
 RT: 3.83 min Scan# 641
 Delta R.T. 0.02 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 43 Resp: 1646
 Ion Ratio Lower Upper
 43 100
 58 29.9 26.6 39.8





#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

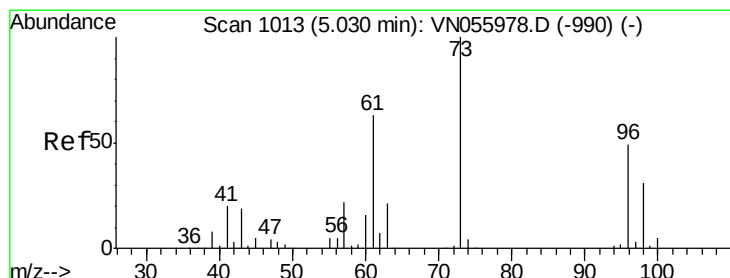
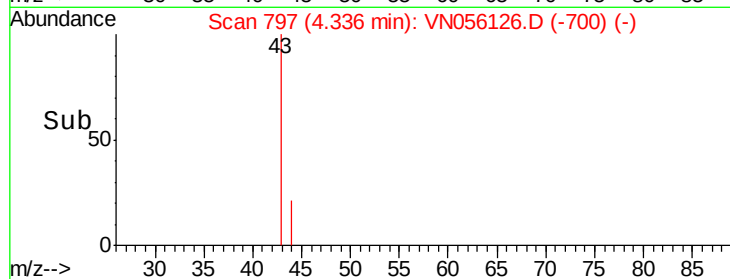
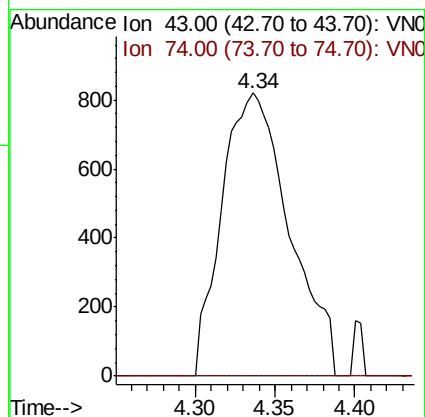
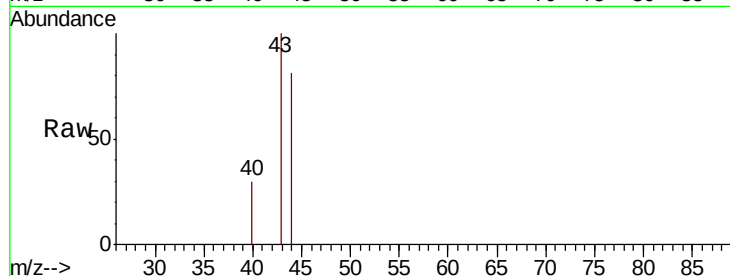
ClientSampled :

Tot Ion: 43 Resp: 2383

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#21

trans-1,2-Dichloroethene

Concen: 1.370 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

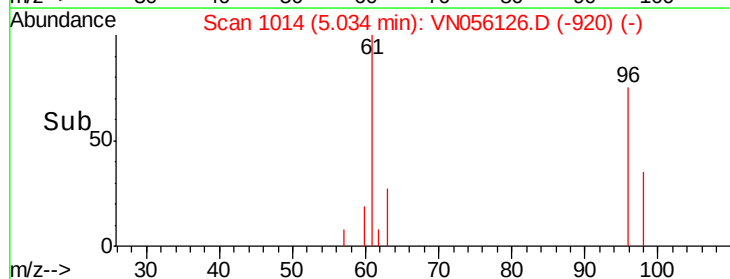
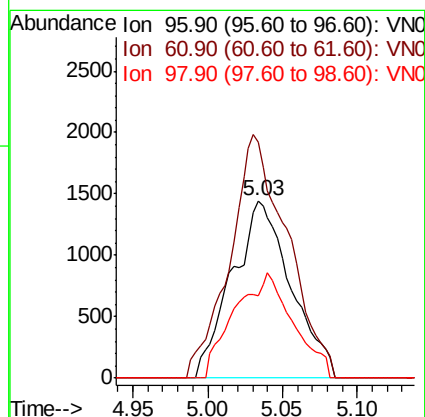
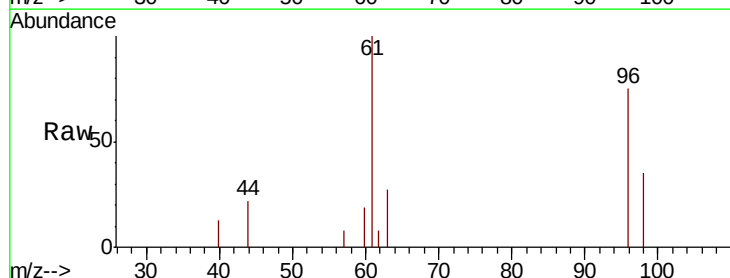
Tgt Ion: 96 Resp: 3956

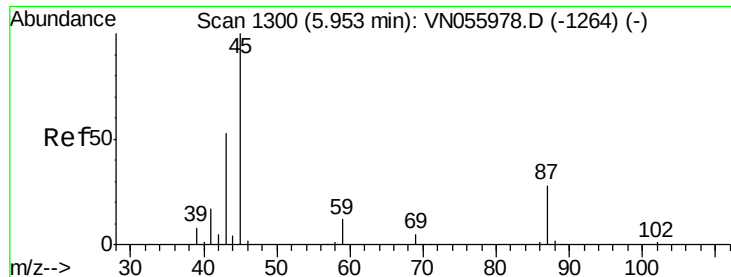
Ion Ratio Lower Upper

96 100

61 132.6 107.8 161.8

98 46.5 49.8 74.8#





#22

Diisopropyl ether

Concen: 1.763 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

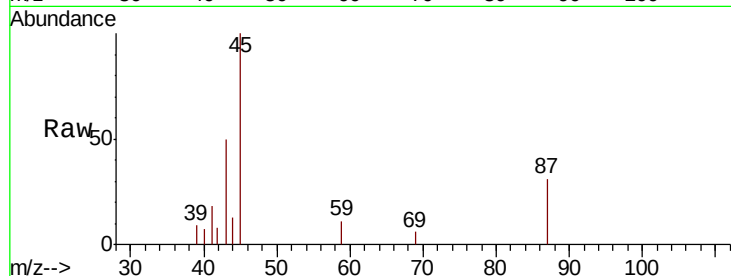
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 45 Resp: 15508

Ion	Ratio	Lower	Upper
45	100		
43	50.4	45.0	67.6
87	30.7	22.2	33.4
59	10.9	9.1	13.7



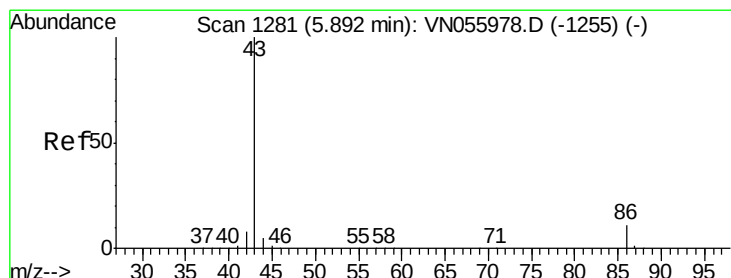
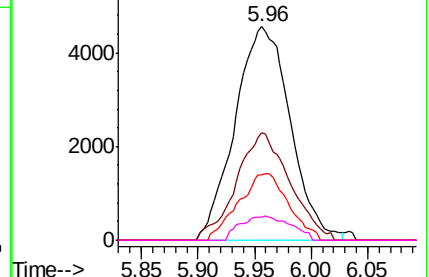
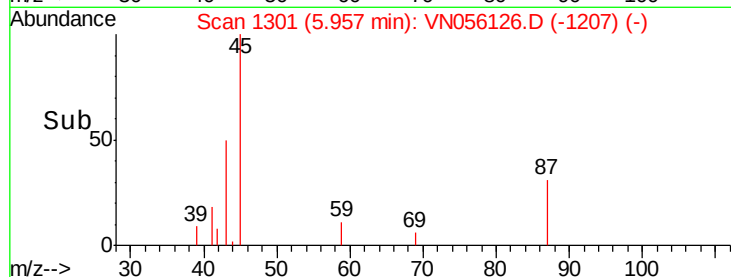
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 1.088 ug/l

RT: 5.96 min Scan# 1301

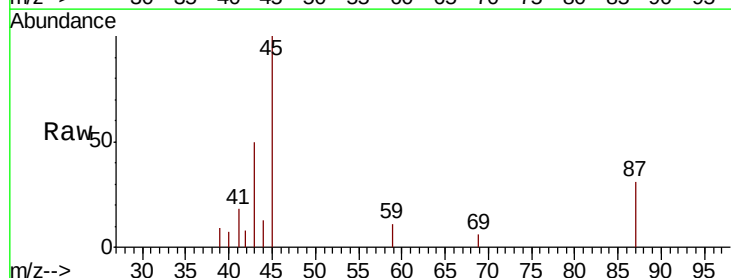
Delta R.T. 0.06 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Tgt Ion: 43 Resp: 7534

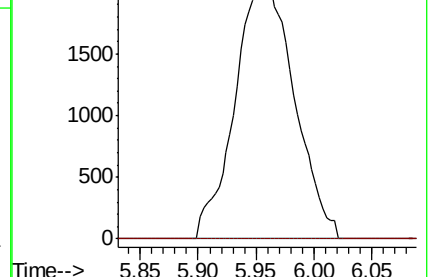
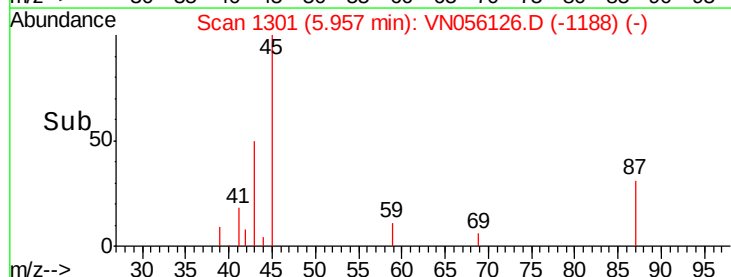
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

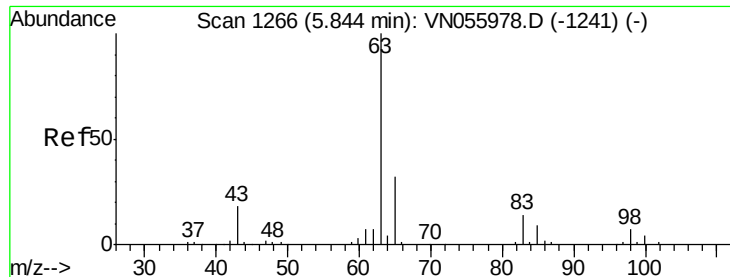


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

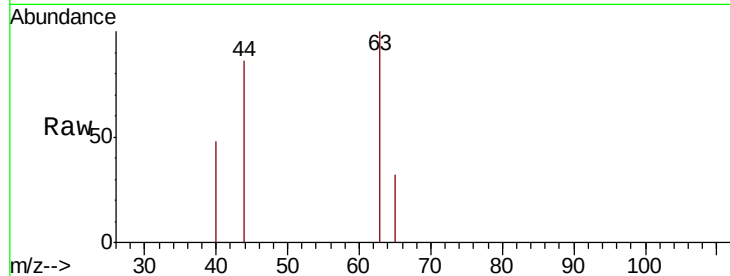




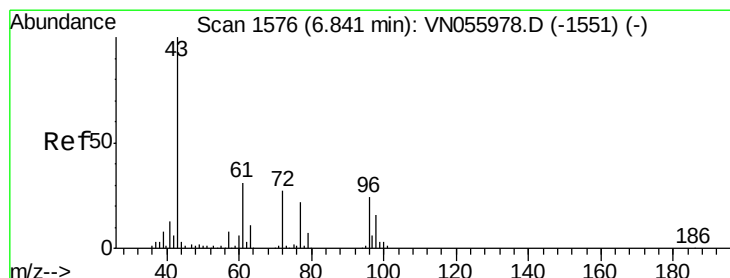
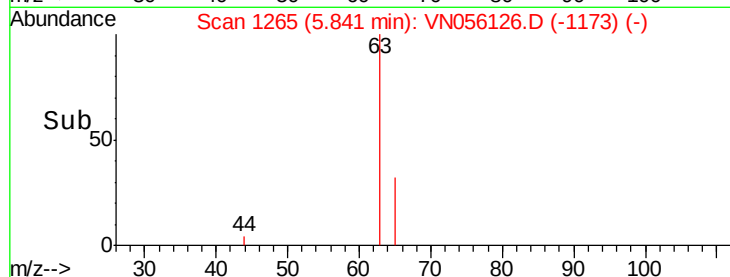
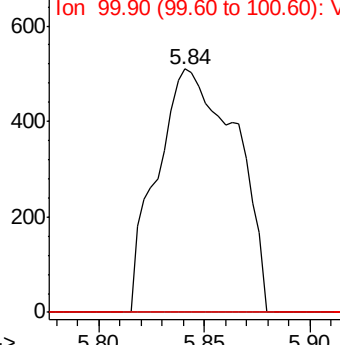
#24
 1,1-Dichloroethane
 Concen: 0.261 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 1325
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.1#
 100 0.0 2.2 6.6#

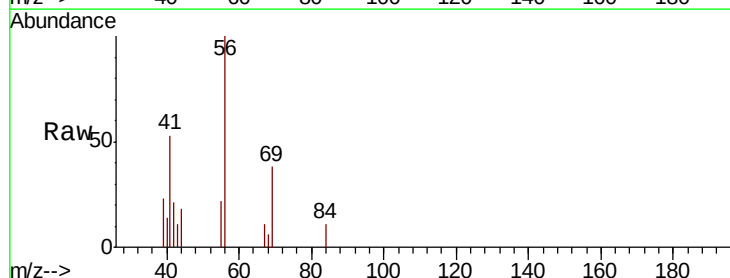


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

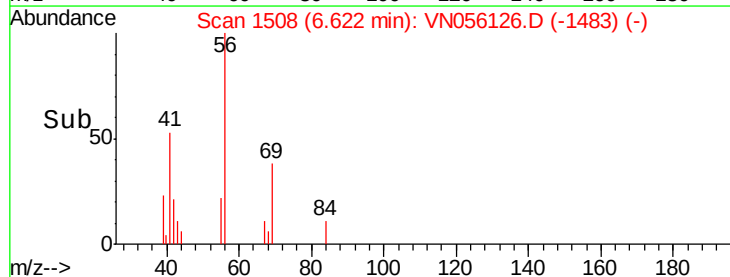
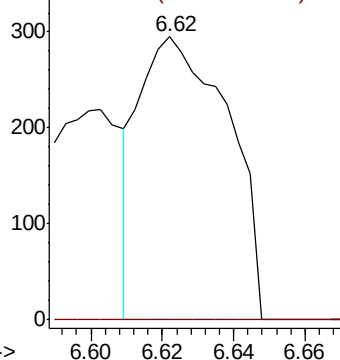


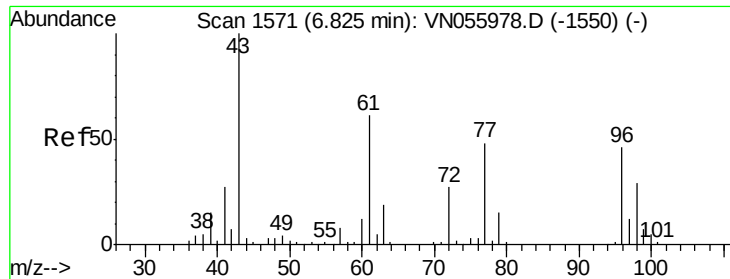
#25
 2-Butanone
 Concen: 0.264 ug/l
 RT: 6.62 min Scan# 1508
 Delta R.T. -0.22 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 43 Resp: 509
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

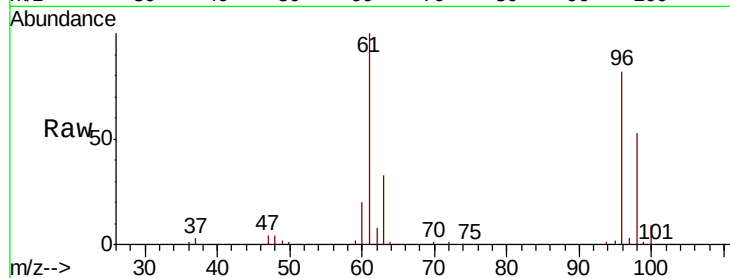




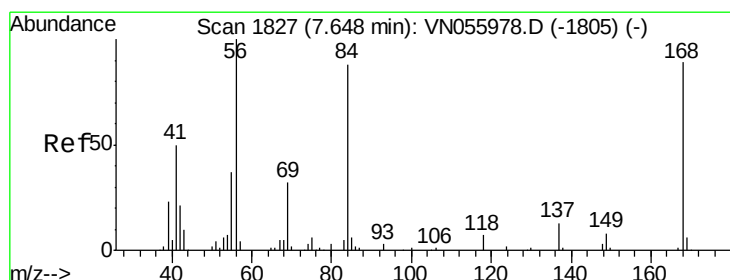
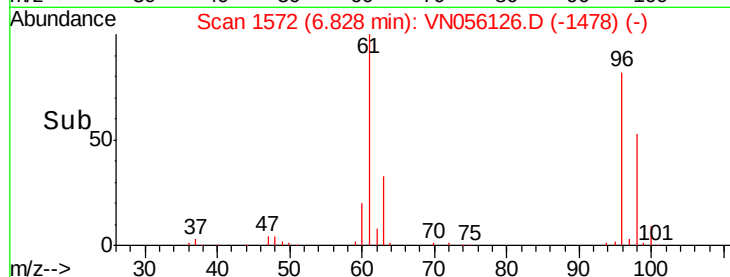
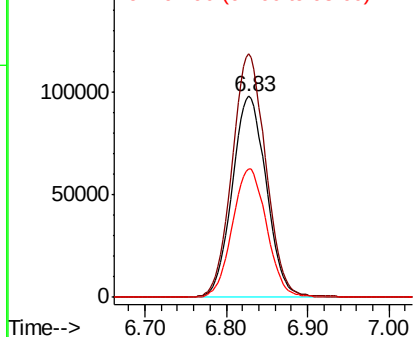
#27
 cis-1,2-Dichloroethene
 Concen: 84.213 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 285767
 Ion Ratio Lower Upper
 96 100
 61 119.6 0.0 275.8
 98 64.3 0.0 128.4

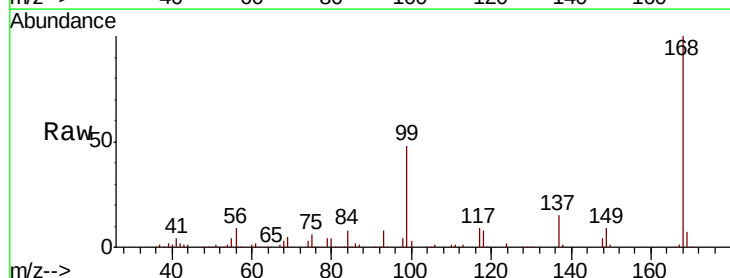


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

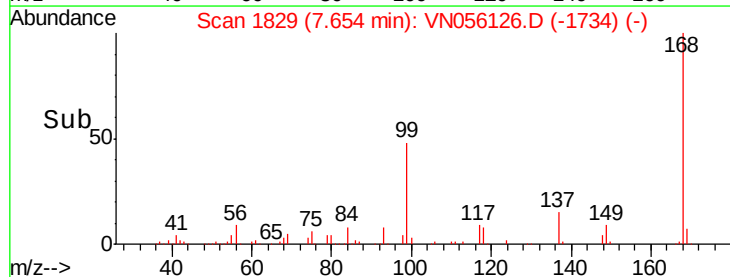
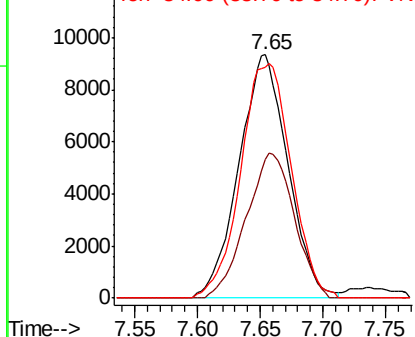


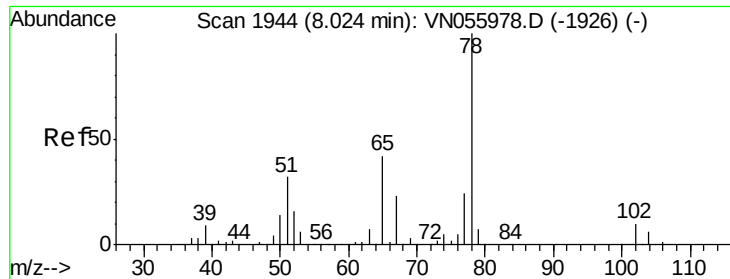
#31
 Cyclohexane
 Concen: 5.018 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 56 Resp: 25372
 Ion Ratio Lower Upper
 56 100
 69 56.8 25.6 38.4#
 84 94.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 84.00 (83.70 to 84.70): VN0

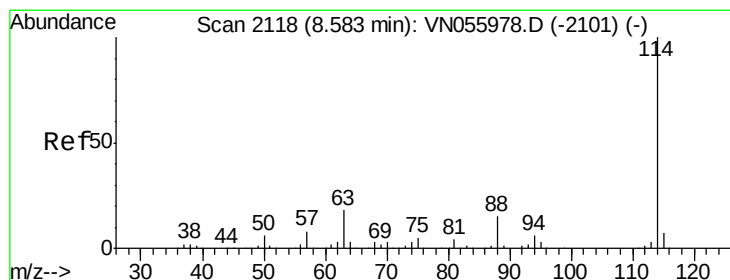
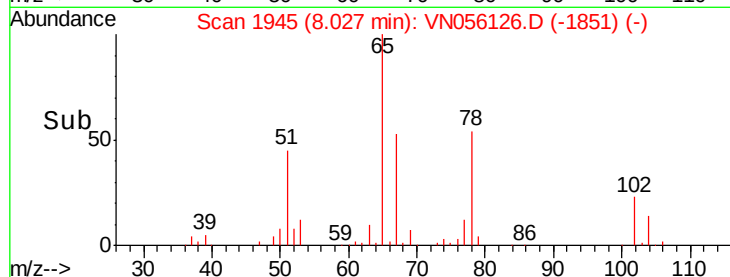
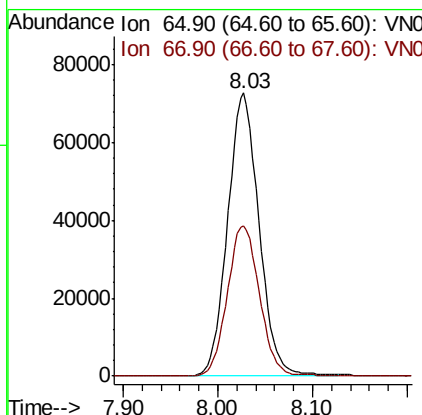
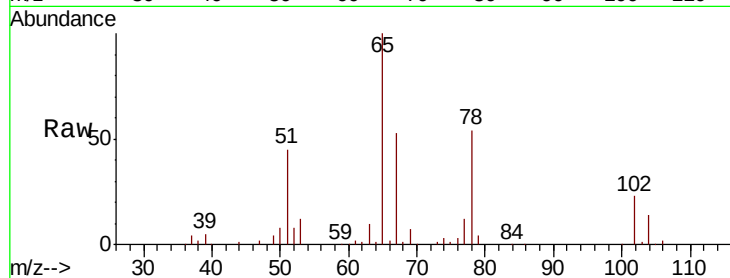




#33
 1,2-Dichloroethane-d4
 Concen: 52.693 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

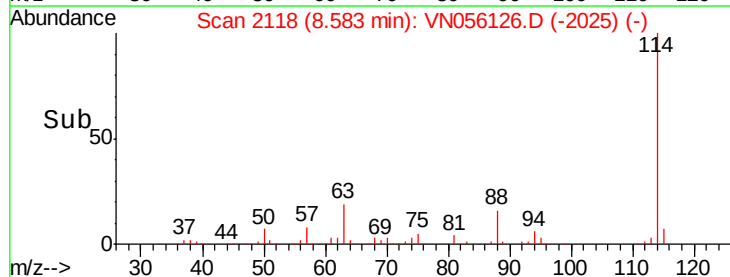
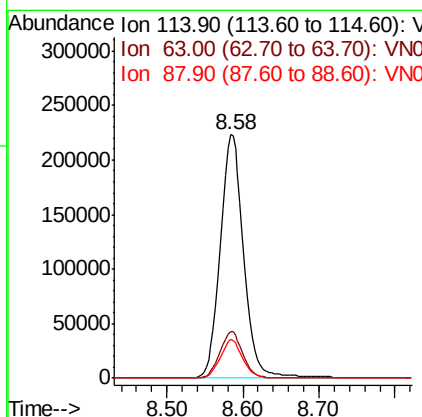
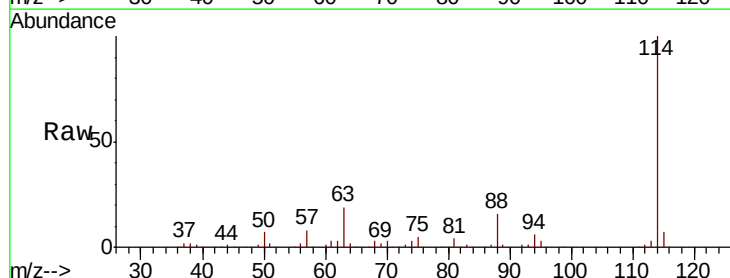
Instrument :
 MSVOA_N
 ClientSampled :

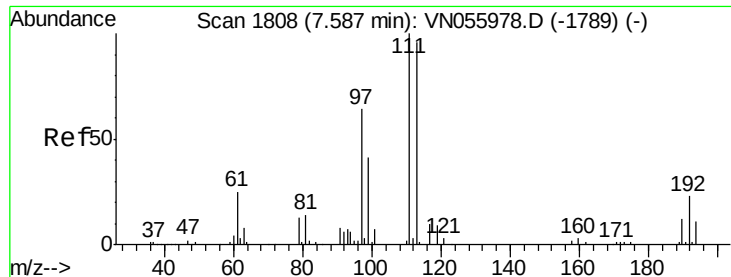
Tot Ion: 65 Resp: 167917
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 114 Resp: 478520
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.7 0.0 31.0

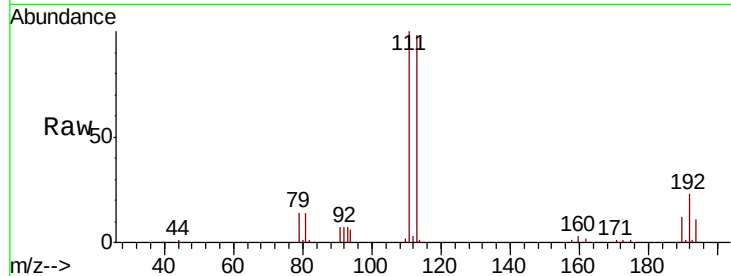




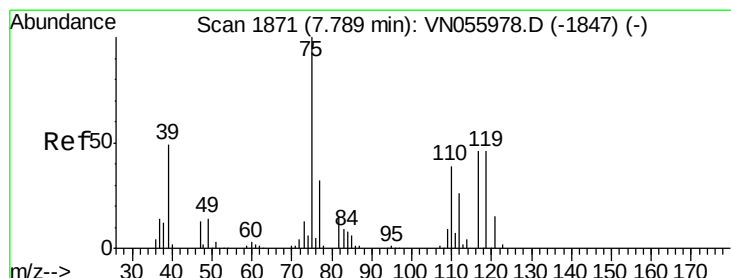
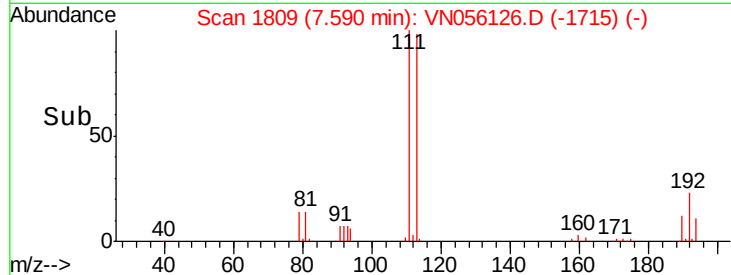
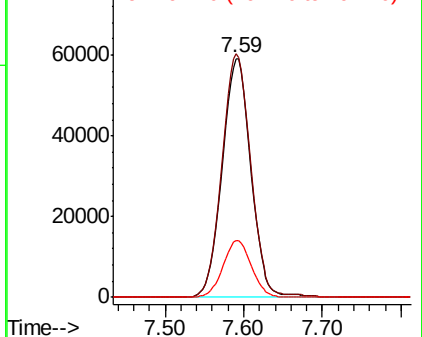
#35
 Dibromofluoromethane
 Concen: 50.778 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.5	19.5	29.3

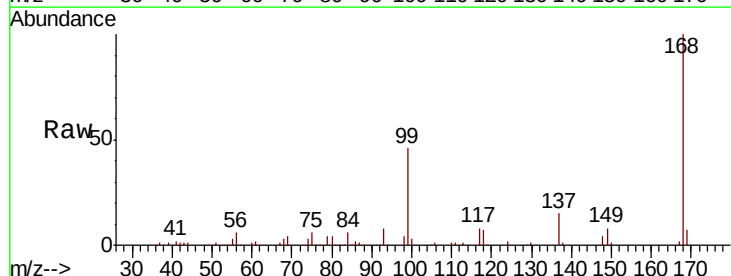


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

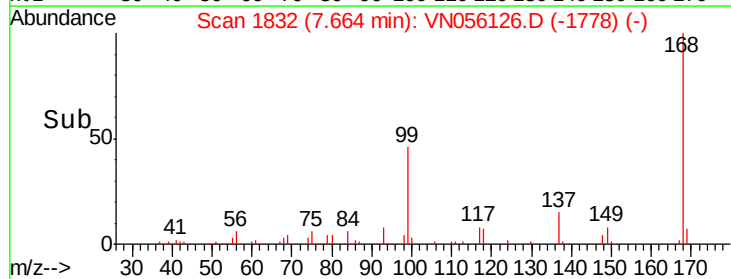
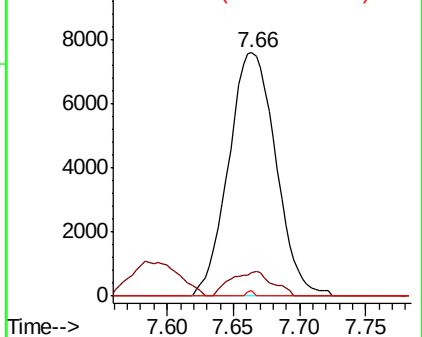


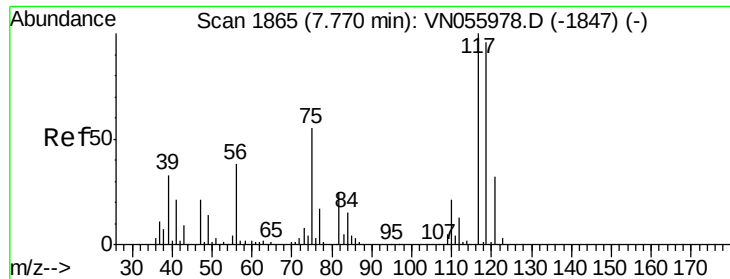
#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.0	57.0#
77	0.0	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.961 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

ClientSampled :

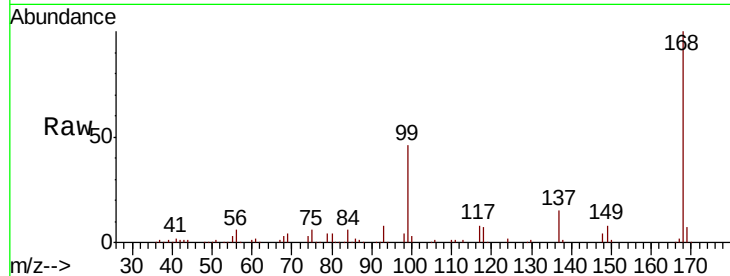
Tot Ion:117 Resp: 26407

Ion Ratio Lower Upper

117 100

119 4.9 79.0 118.6#

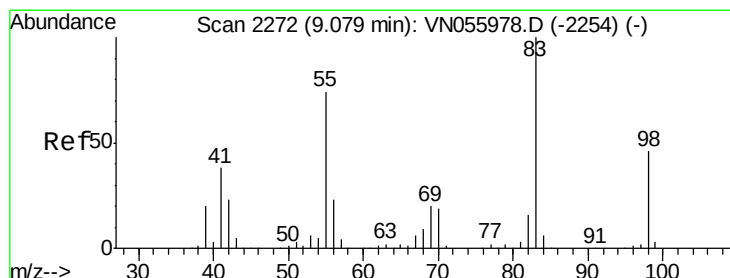
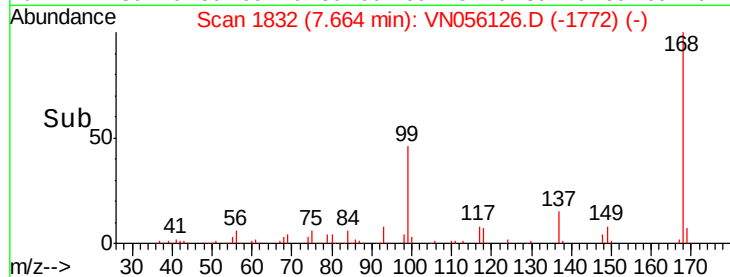
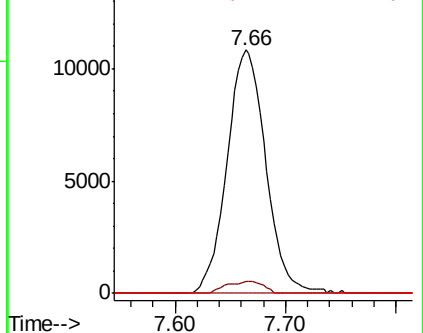
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.830 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

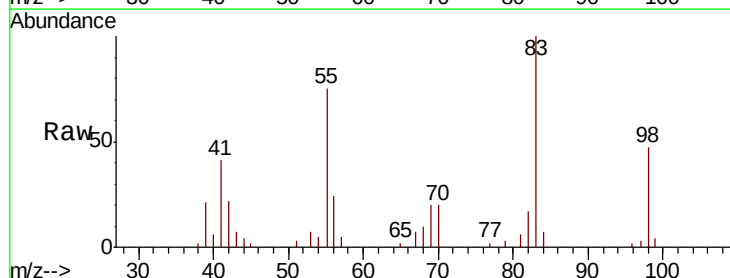
Tgt Ion: 83 Resp: 24759

Ion Ratio Lower Upper

83 100

55 75.1 59.3 88.9

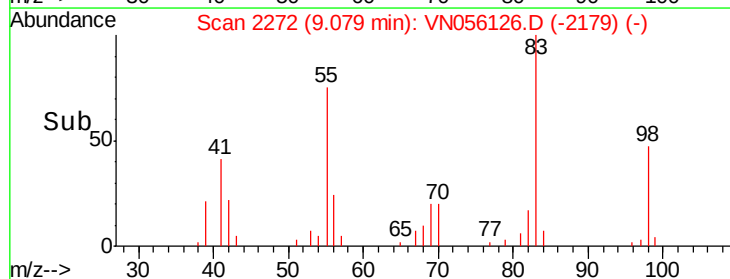
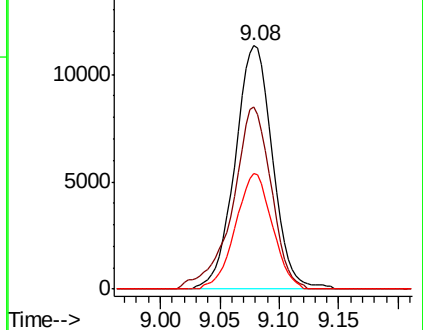
98 47.5 36.6 54.8

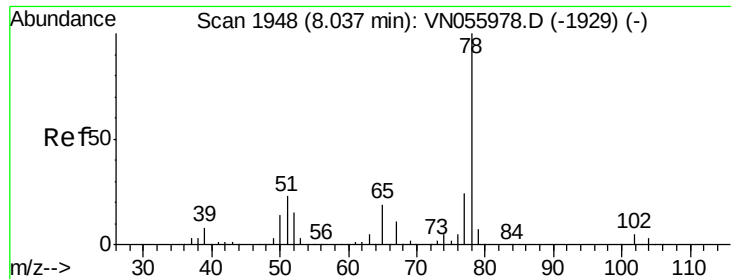


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 10.496 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

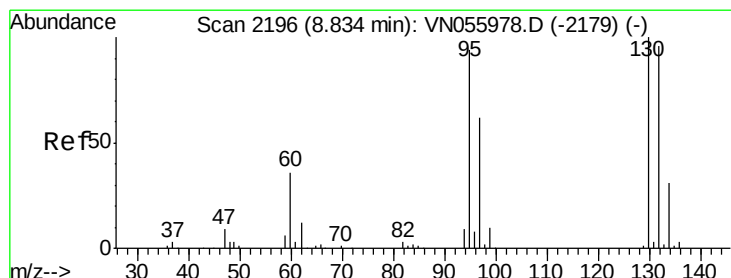
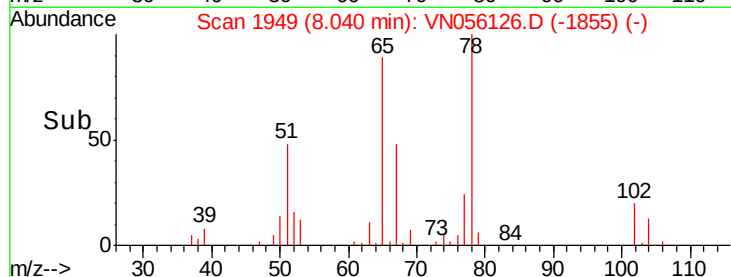
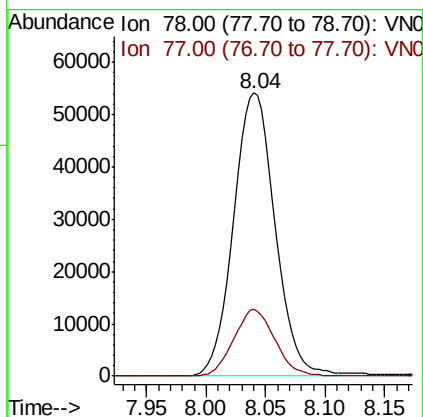
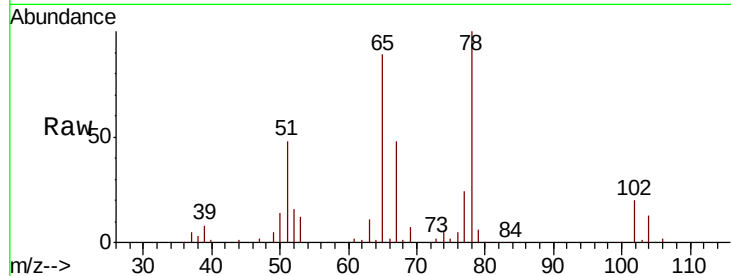
ClientSampled :

Tot Ion: 78 Resp: 131170

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



#44

Trichloroethene

Concen: 40.369 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056126.D

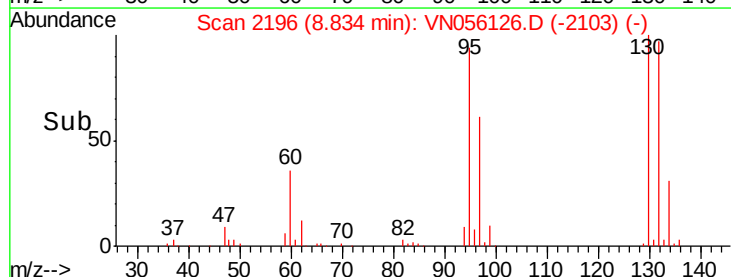
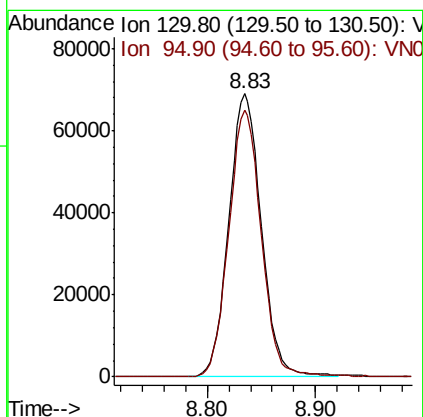
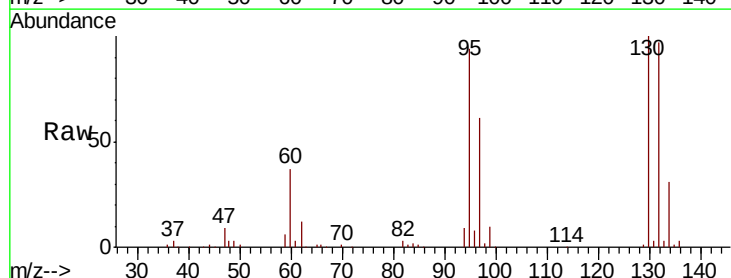
Acq: 8 Jun 2019 2:51

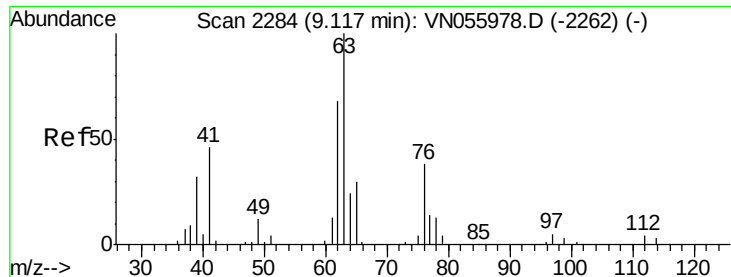
Tgt Ion: 130 Resp: 144966

Ion Ratio Lower Upper

130 100

95 94.3 0.0 188.0

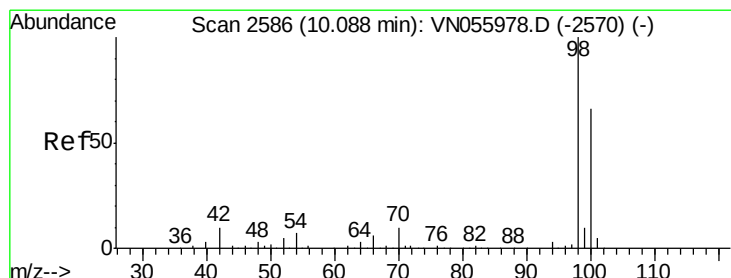
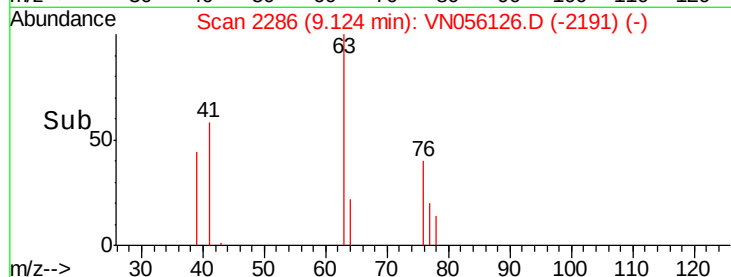
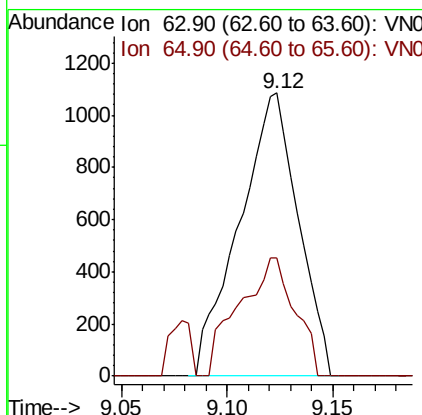
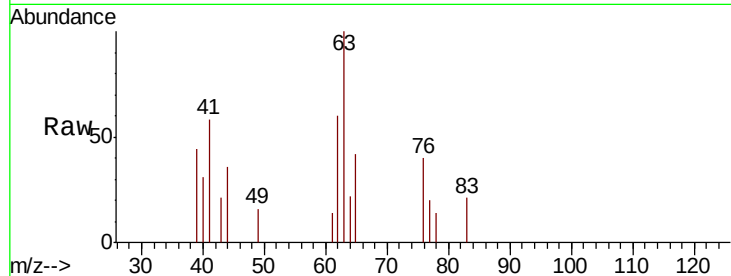




#45
 1,2-Dichloropropane
 Concen: 0.660 ug/l
 RT: 9.12 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

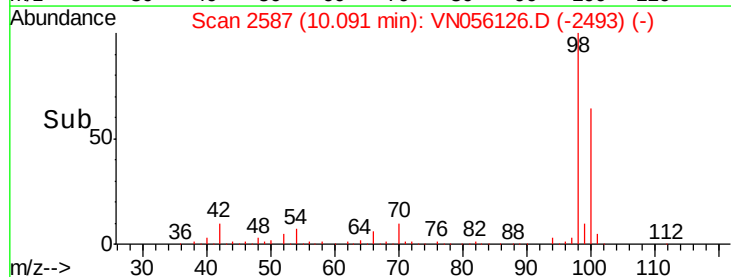
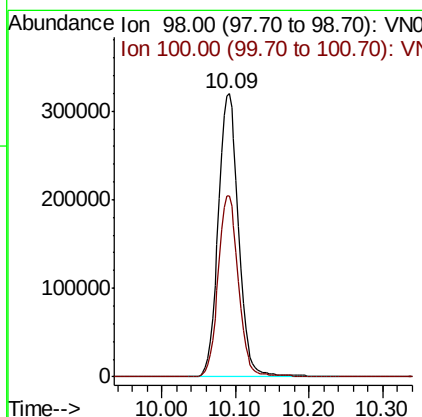
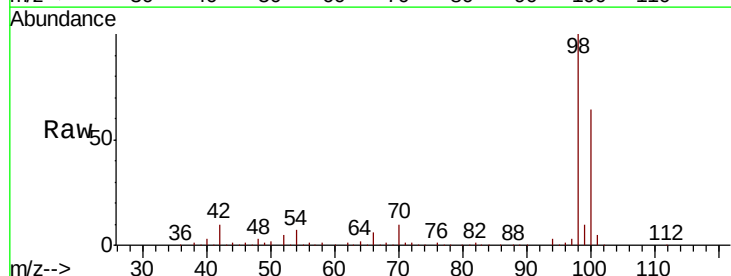
Instrument :
 MSVOA_N
 ClientSampleId :

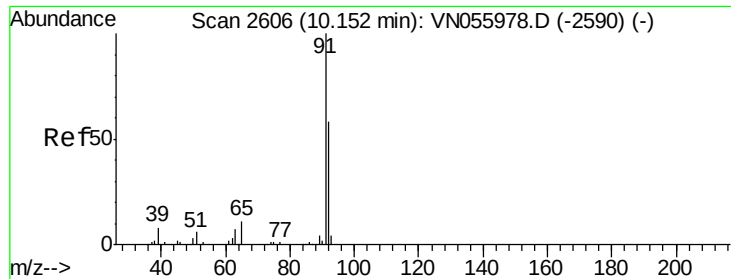
Tot Ion: 63 Resp: 2114
 Ion Ratio Lower Upper
 63 100
 65 41.8 24.6 36.8#



#50
 Toluene-d8
 Concen: 54.153 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 98 Resp: 611785
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.9 77.9





#52

Toluene

Concen: 0.404 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

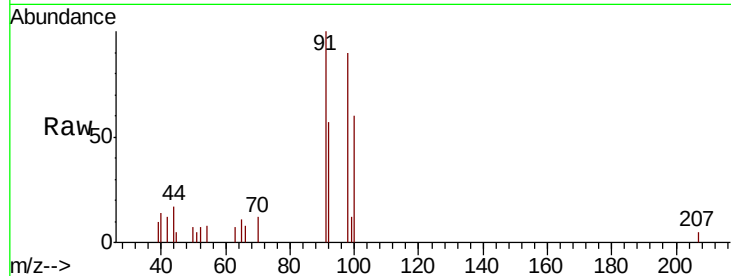
ClientSampled :

Tot Ion: 92 Resp: 3139

Ion Ratio Lower Upper

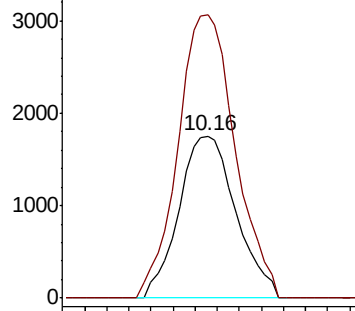
92 100

91 175.5 139.4 209.2

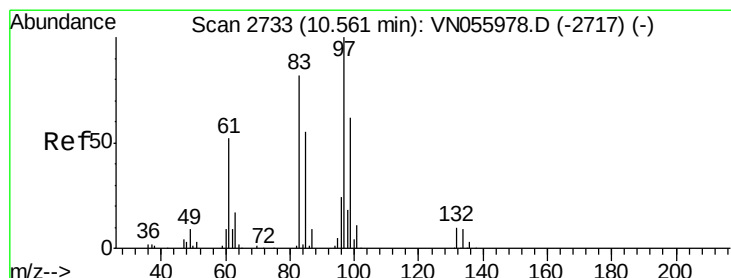
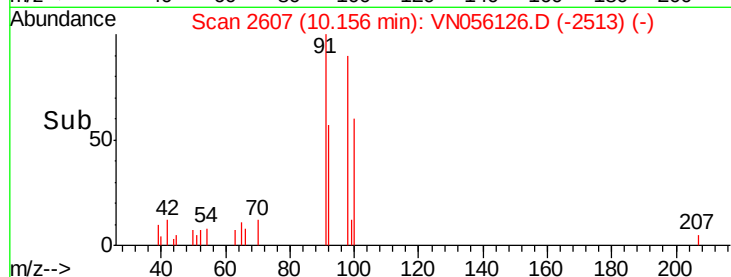


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.448 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.01 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Tgt Ion: 97 Resp: 1379

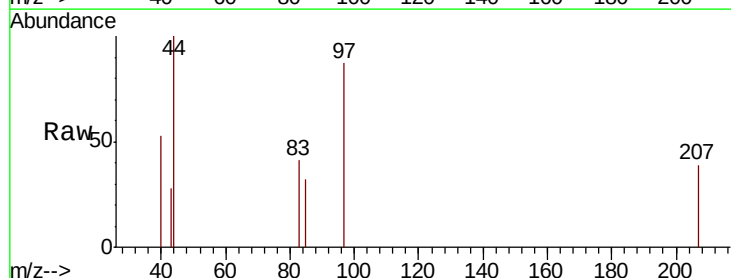
Ion Ratio Lower Upper

97 100

83 47.3 67.0 100.6#

85 36.3 44.0 66.0#

99 0.0 50.6 75.8#

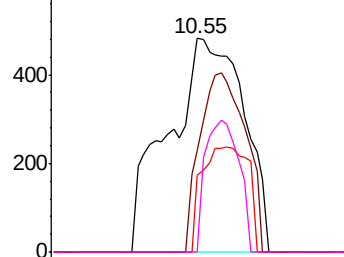


Abundance Ion 96.90 (96.60 to 97.60): VN0

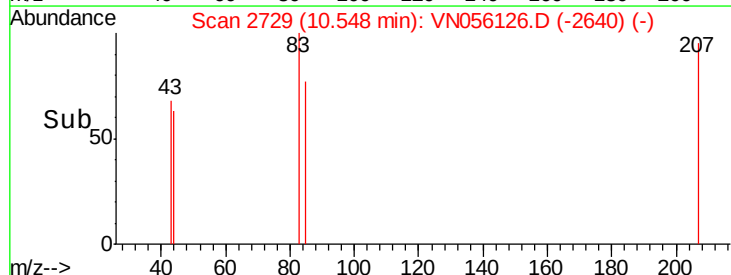
Ion 82.90 (82.60 to 83.60): VN0

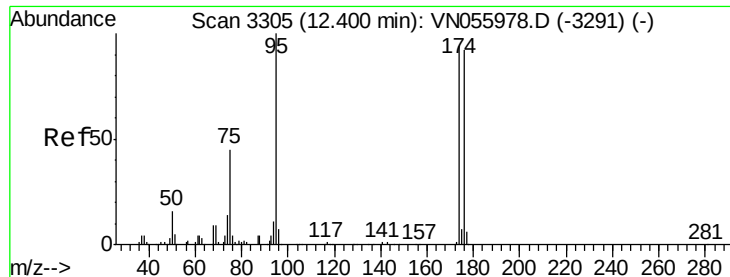
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 48.605 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

ClientSampleId :

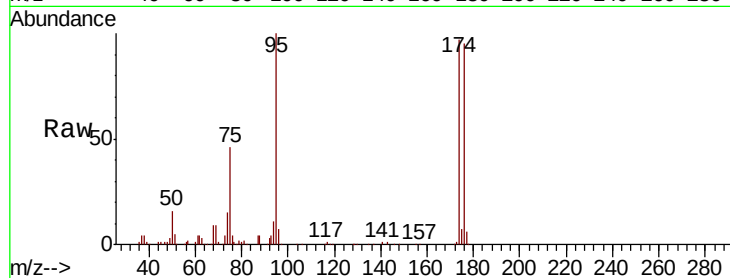
Tot Ion: 95 Resp: 186736

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

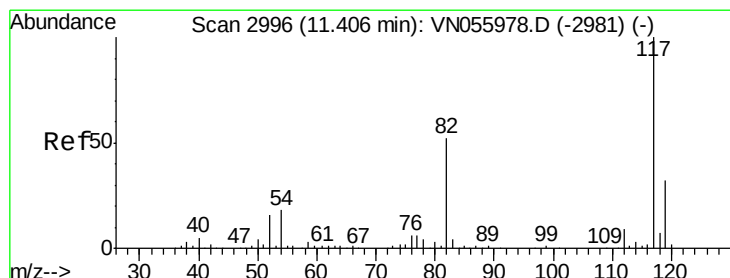
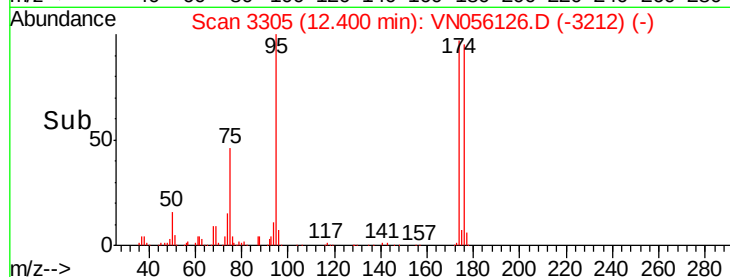
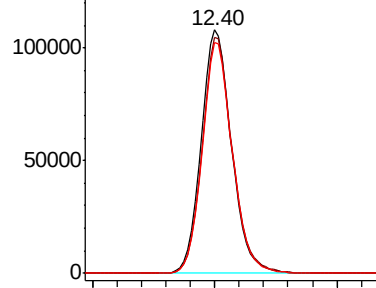
176 93.9 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

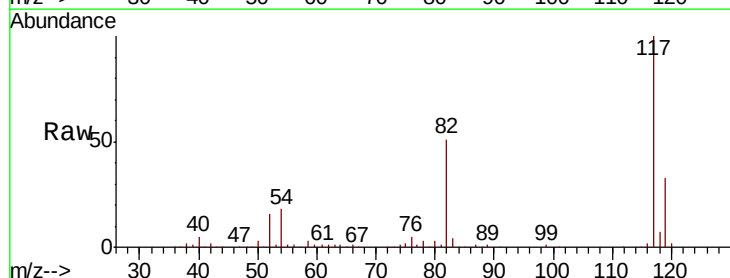
Tgt Ion: 117 Resp: 450065

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

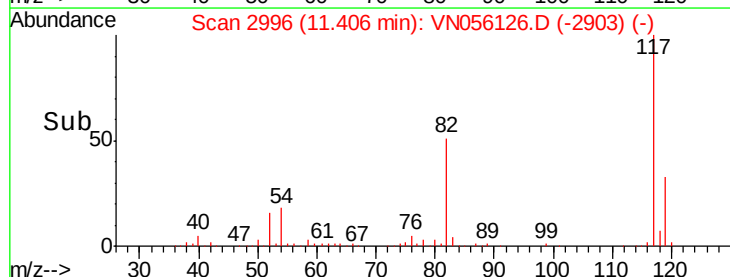
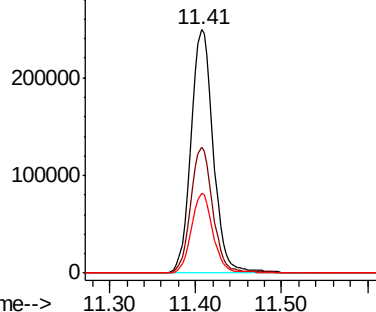
119 32.5 25.4 38.0

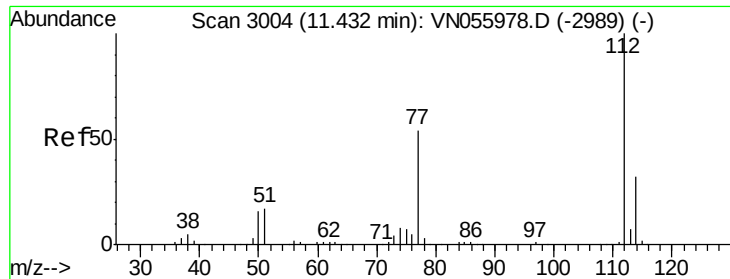


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

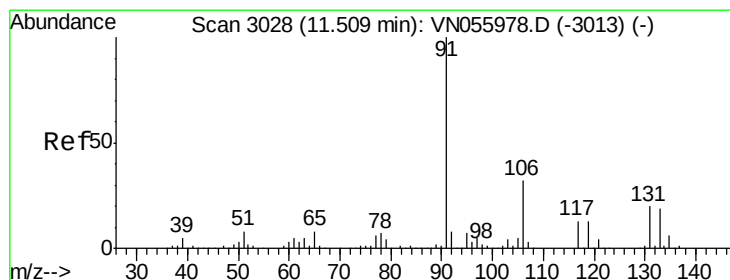
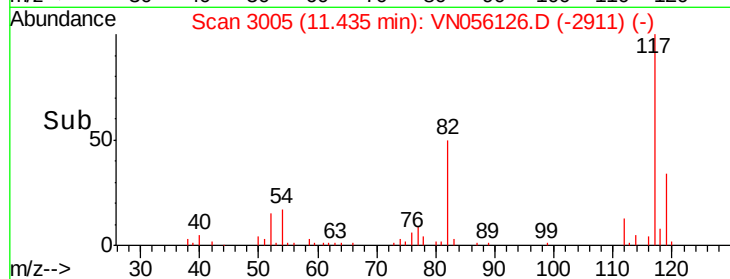
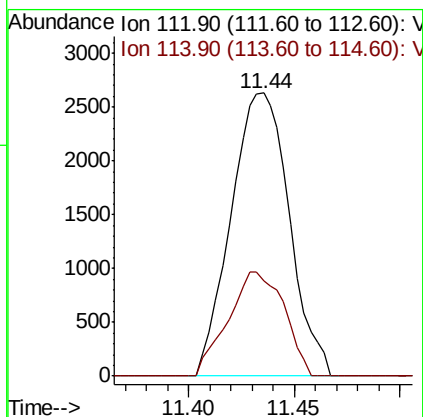
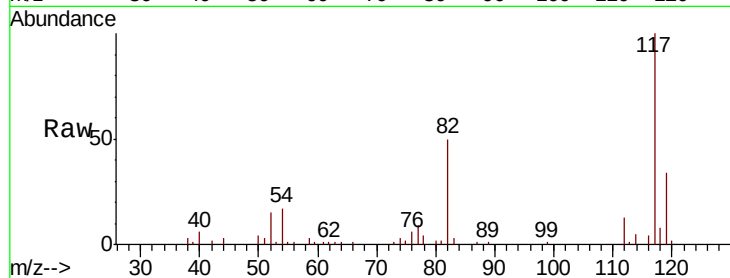




#65
Chlorobenzene
Concen: 0.564 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN056126.D
Acq: 8 Jun 2019 2:51

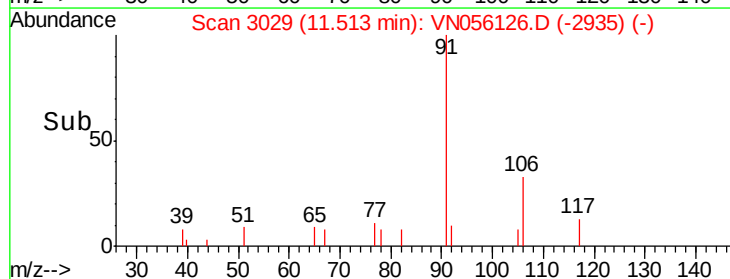
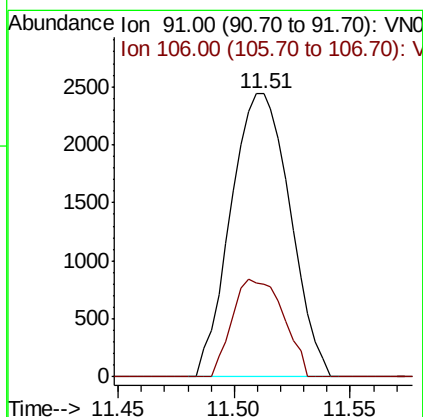
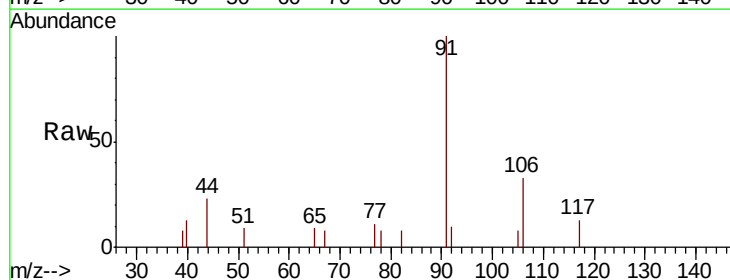
Instrument :
MSVOA_N
ClientSampled :

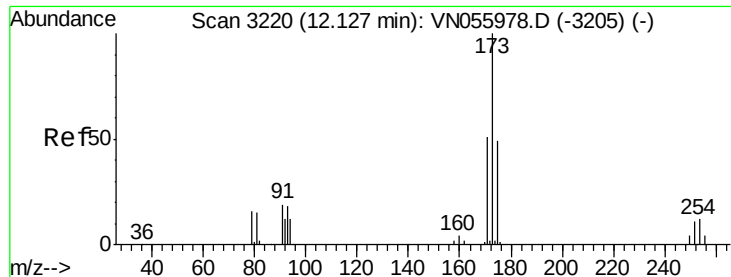
Tot Ion:112 Resp: 5048
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.4



#67
Ethyl Benzene
Concen: 0.278 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN056126.D
Acq: 8 Jun 2019 2:51

Tgt Ion: 91 Resp: 4336
Ion Ratio Lower Upper
91 100
106 32.8 25.1 37.7





#71

Bromoform

Concen: 3.209 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

ClientSampleId :

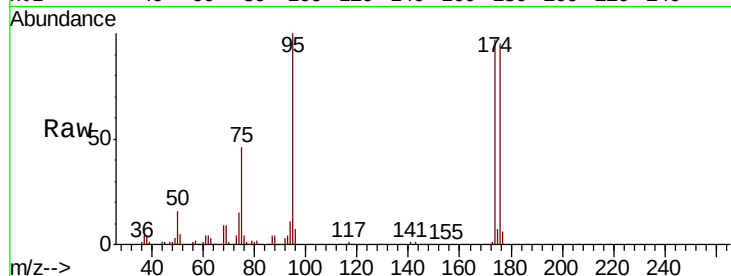
Tot Ion:173 Resp: 1283

Ion Ratio Lower Upper

173 100

175 877.3 24.3 72.8#

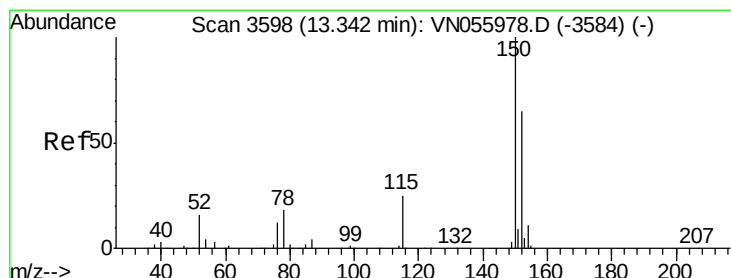
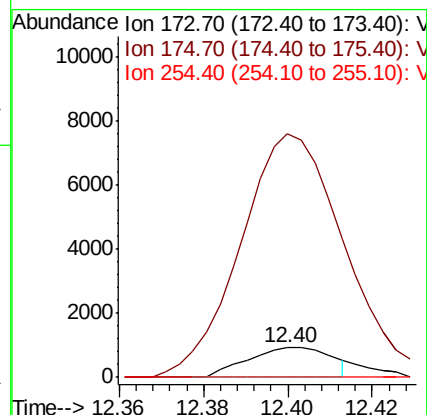
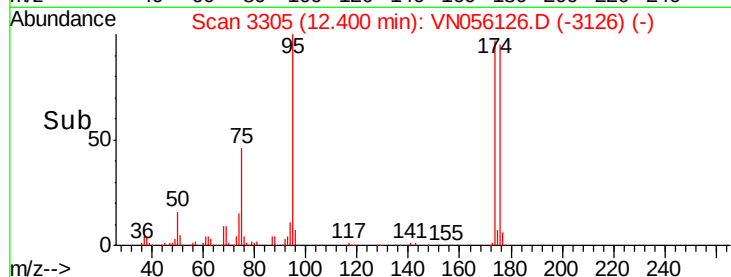
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

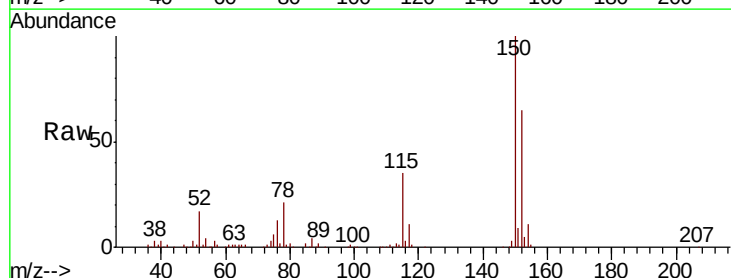
Tgt Ion:152 Resp: 140490

Ion Ratio Lower Upper

152 100

115 52.7 27.0 81.0

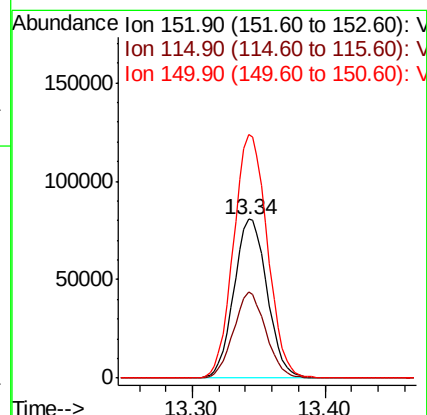
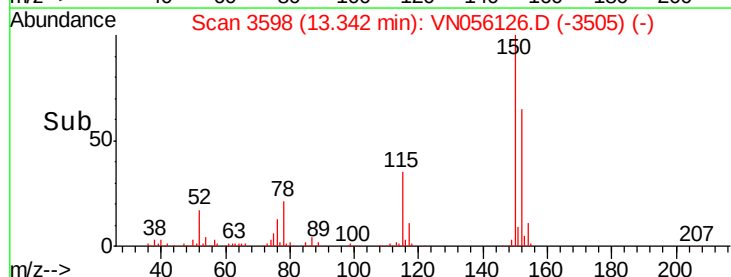
150 155.7 0.0 343.2

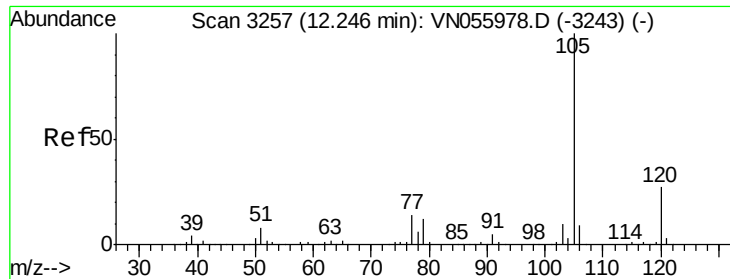


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

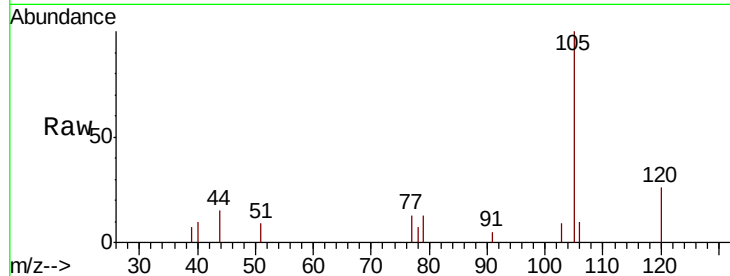
ClientSampled :

Tot Ion:105 Resp: 5329

Ion Ratio Lower Upper

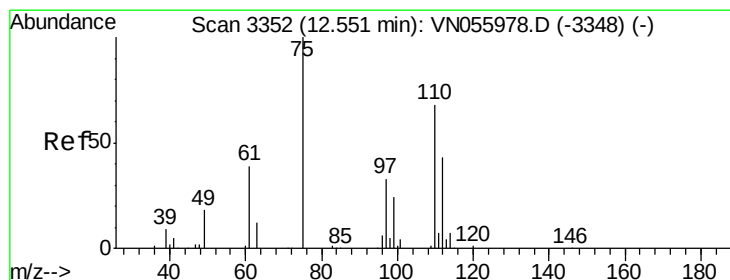
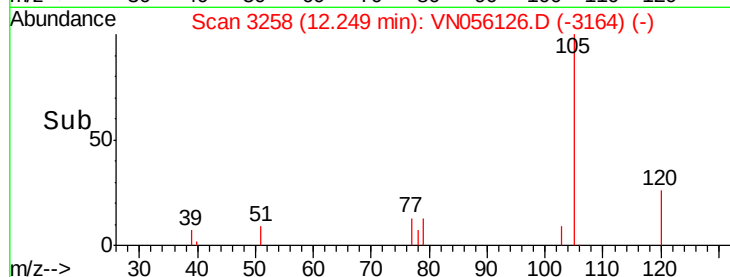
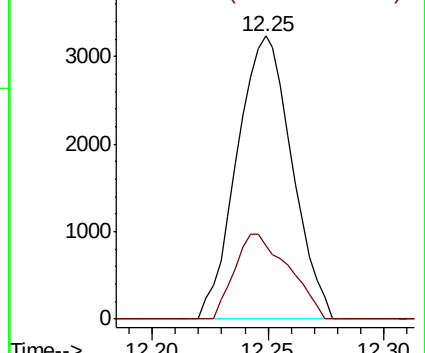
105 100

120 29.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 33.080 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056126.D

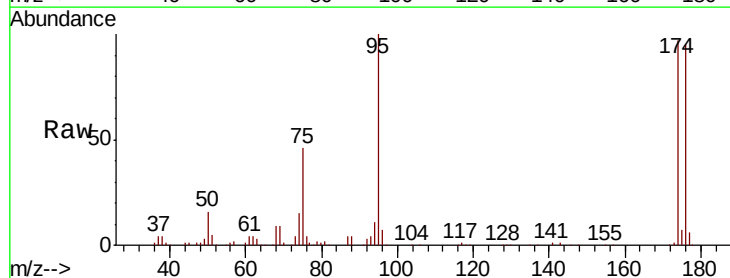
Acq: 8 Jun 2019 2:51

Tgt Ion: 75 Resp: 85514

Ion Ratio Lower Upper

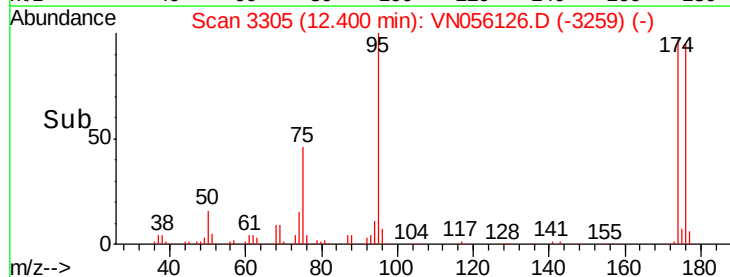
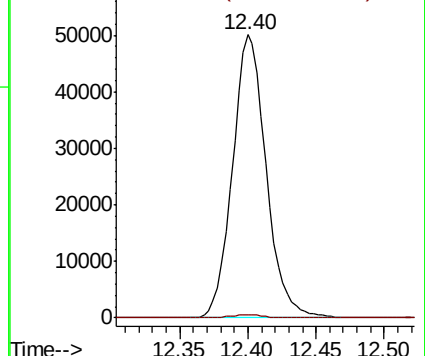
75 100

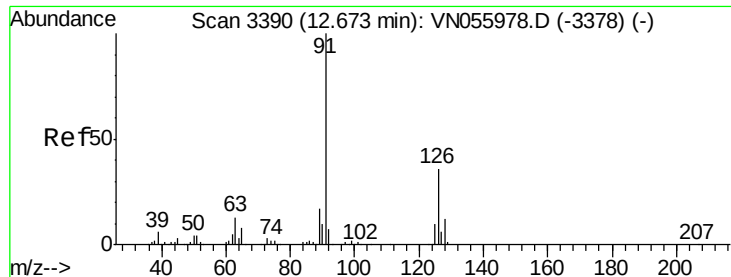
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3363

Delta R.T. -0.09 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

Instrument :

MSVOA_N

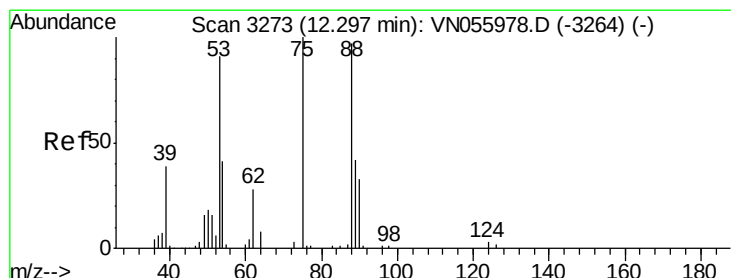
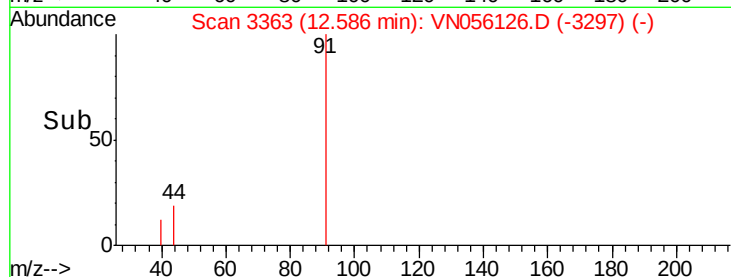
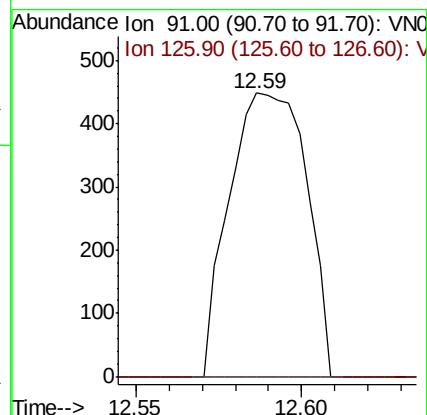
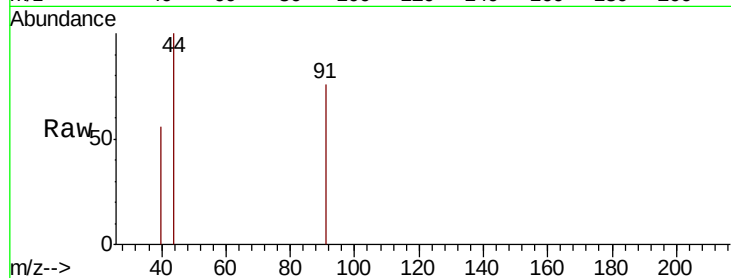
ClientSampled :

Tot Ion: 91 Resp: 726

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.162 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056126.D

Acq: 8 Jun 2019 2:51

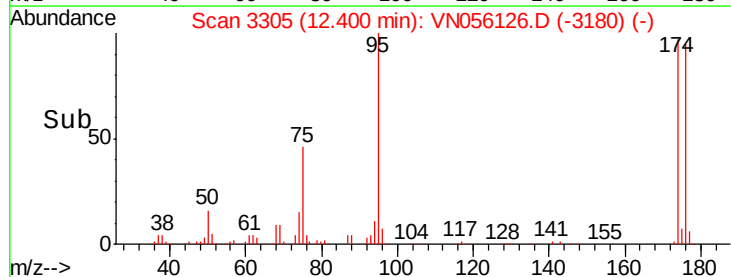
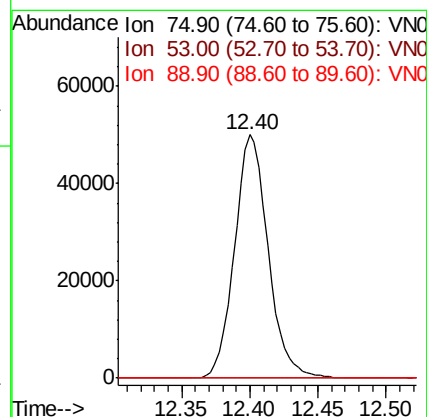
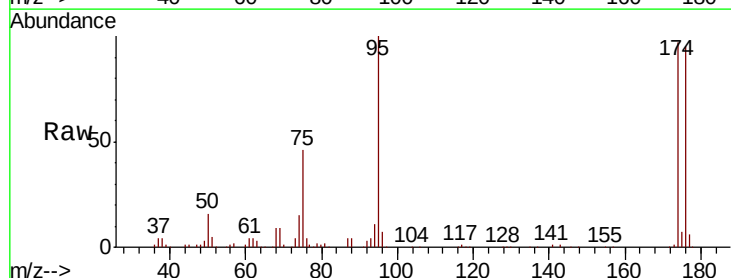
Tgt Ion: 75 Resp: 85514

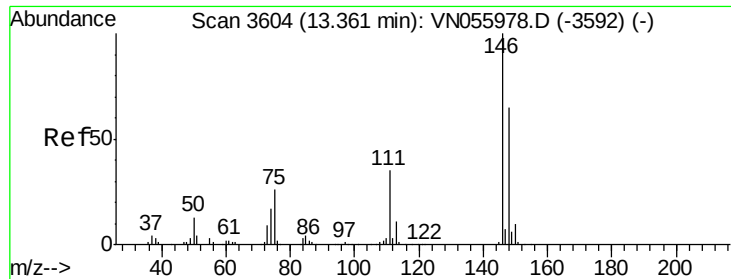
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

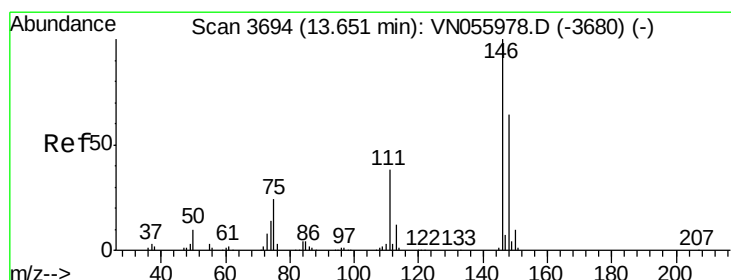
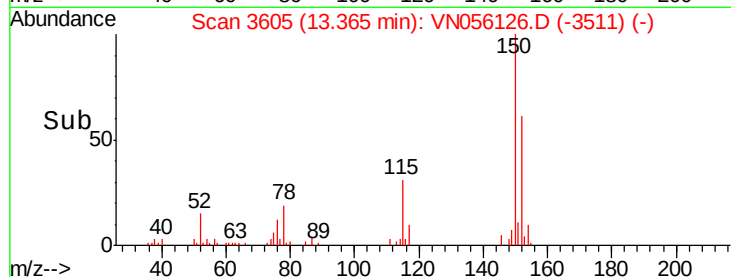
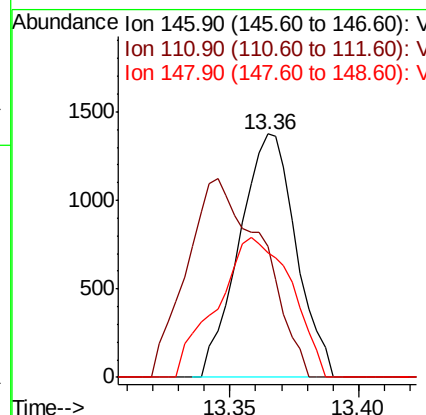
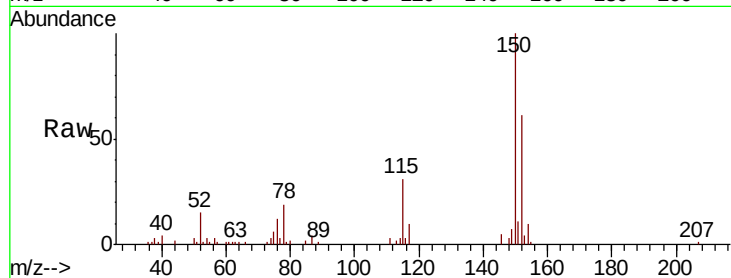




#88
 1,4-Dichlorobenzene
 Concen: 0.471 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 2108
 Ion Ratio Lower Upper
 146 100
 111 108.4 18.1 54.4#
 148 75.7 32.1 96.5



#91
 1,2-Dichlorobenzene
 Concen: 1.182 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056126.D
 Acq: 8 Jun 2019 2:51

Tgt Ion:146 Resp: 5555
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 63.3 31.9 95.9

