

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059061.D
 Acq On : 1 Nov 2019 14:53
 Operator : JC/SP
 Sample : K5626-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 06:03:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	413701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	643651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	561055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	284828	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.57	113	213820	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.08	98	825072	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	259517	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	

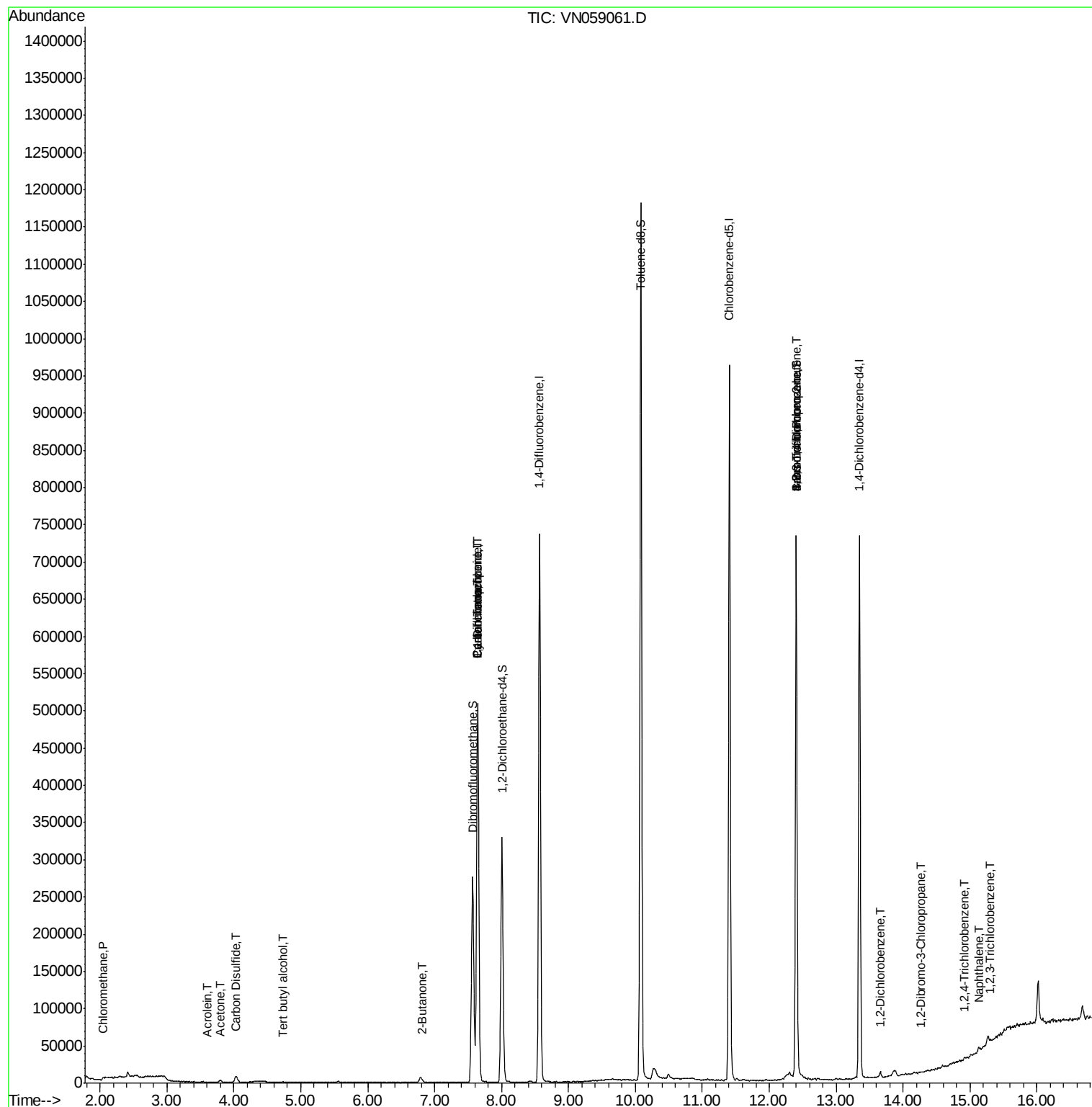
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1413	0.233	ug/l #	75
11) Tert butyl alcohol	4.73	59	362	0.357	ug/l #	72
13) Acrolein	3.59	56	171	0.267	ug/l #	36
16) Acetone	3.80	43	3030	1.092	ug/l	98
17) Carbon Disulfide	4.02	76	3607	0.277	ug/l #	76
25) 2-Butanone	6.82	43	941	0.255	ug/l #	50
31) Cyclohexane	7.64	56	9120	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	33017	5.161	ug/l #	49
38) Carbon Tetrachloride	7.64	117	41326	6.629	ug/l #	16
71) Bromoform	12.41	173	1178	0.359	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	132102	28.656	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132102	73.460	ug/l #	14
91) 1,2-Dichlorobenzene	13.66	146	3713	0.586	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.26	75	226	0.205	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	1107	0.324	ug/l	73
95) Naphthalene	15.14	128	3133	3.263	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.30	180	917	0.264	ug/l #	87

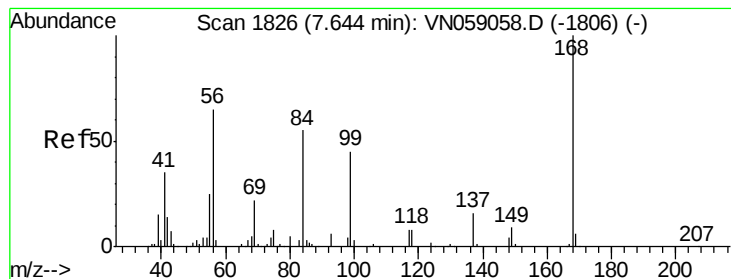
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
Data File : VN059061.D
Acq On : 1 Nov 2019 14:53
Operator : JC/SP
Sample : K5626-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 02 06:03:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

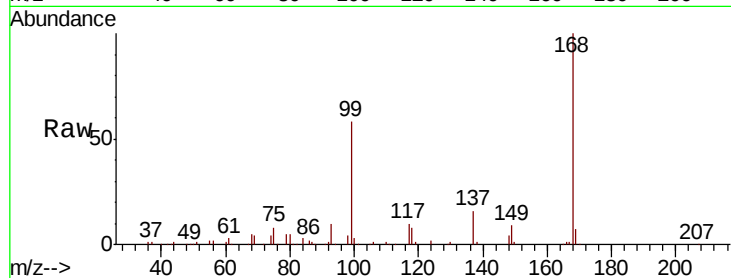
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 413701

Ion Ratio Lower Upper

168 100

99 57.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN059058.D

Ion 98.90 (98.60 to 99.60): VN059058.D

7.64

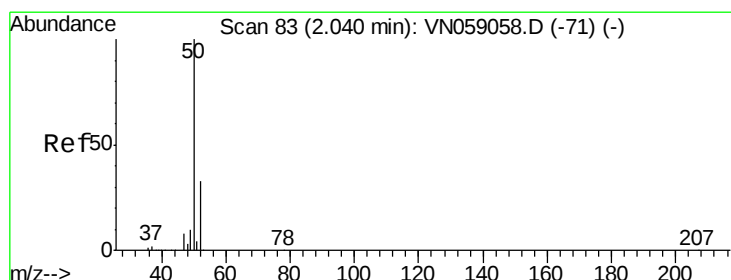
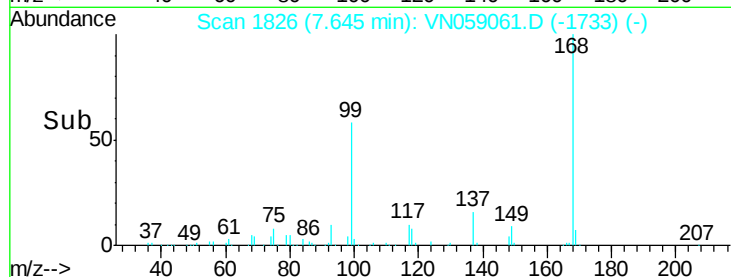
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.233 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059061.D

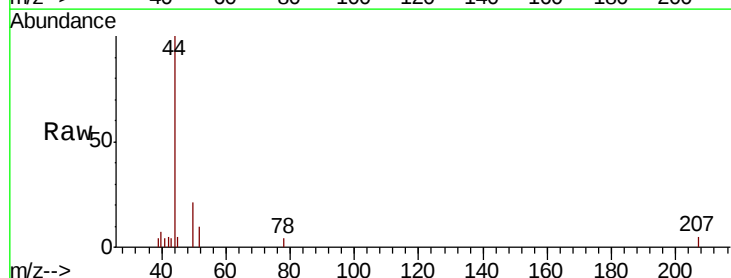
Acq: 1 Nov 2019 14:53

Tgt Ion: 50 Resp: 1413

Ion Ratio Lower Upper

50 100

52 46.8 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN059058.D

Ion 51.90 (51.60 to 52.60): VN059058.D

2.04

1000

800

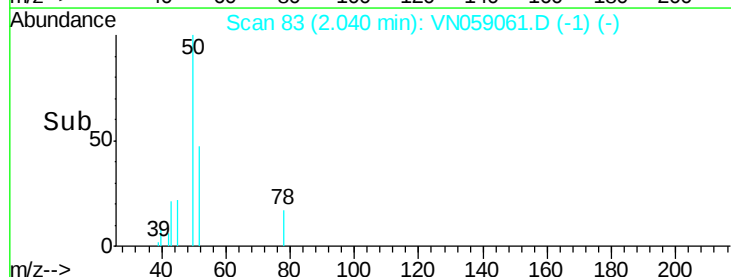
600

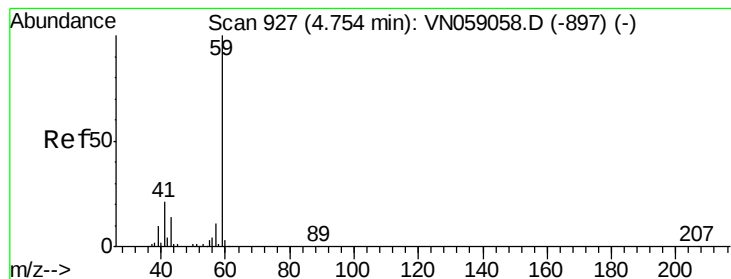
400

200

0

Time-->



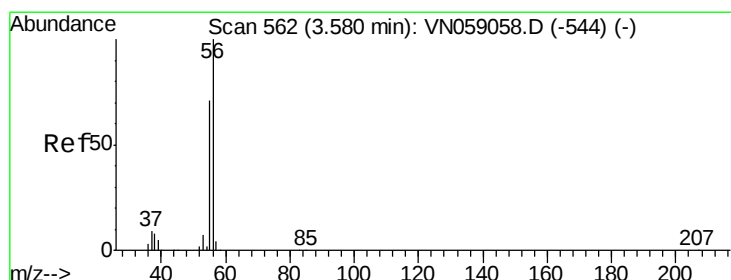
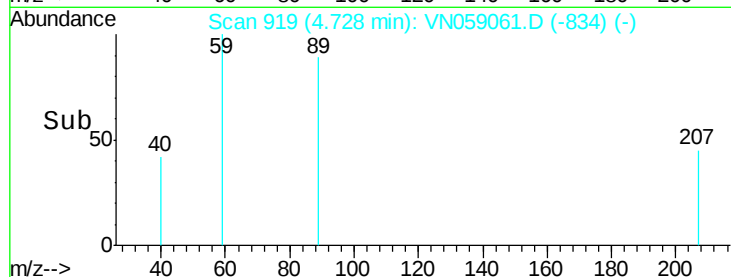
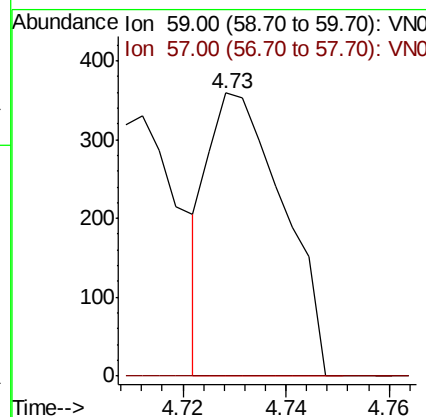
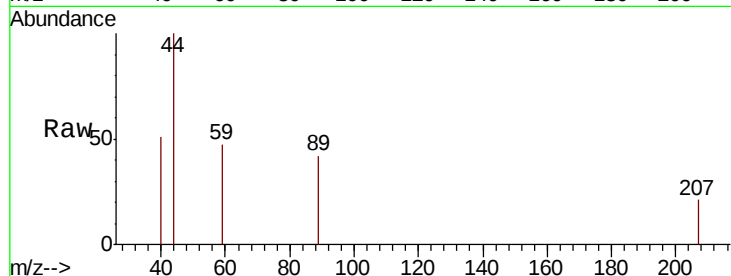


#11

Tert butyl alcohol
 Concen: 0.357 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Instrument :
 MSVOA_N
 ClientSampled :

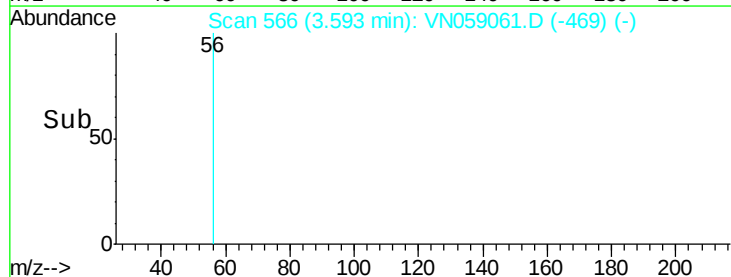
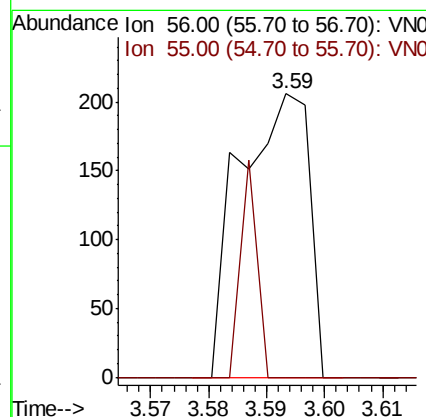
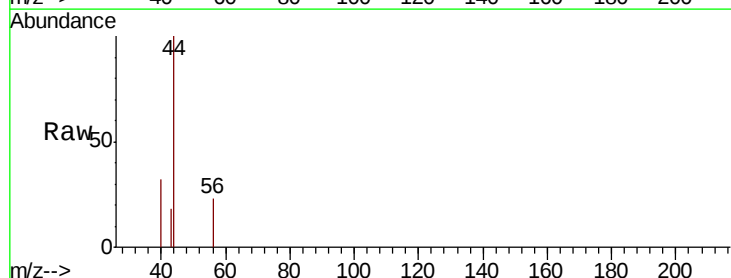
Tot Ion: 59 Resp: 362
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

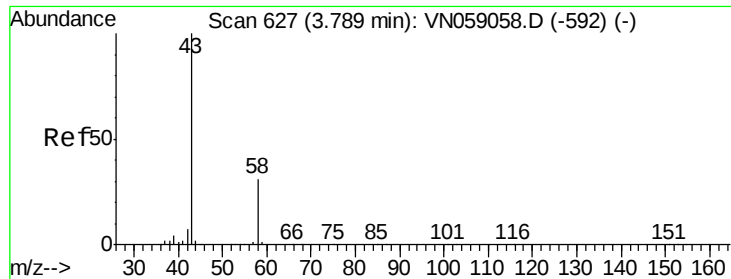


#13

Acrolein
 Concen: 0.267 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Tgt Ion: 56 Resp: 171
 Ion Ratio Lower Upper
 56 100
 55 17.5 56.1 84.1#





#16

Acetone

Concen: 1.092 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

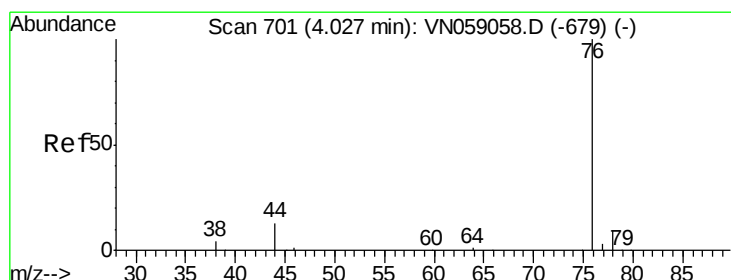
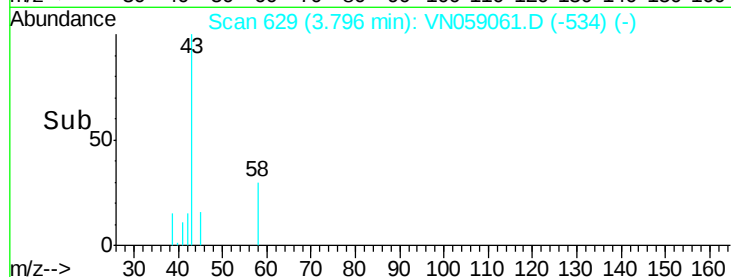
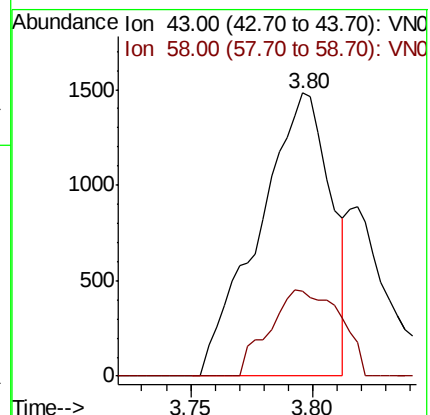
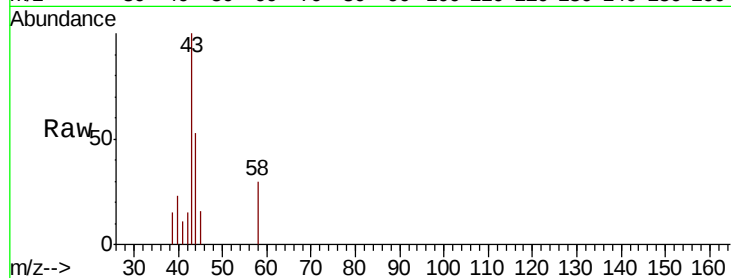
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3030

Ion Ratio Lower Upper

43 100

58 30.0 25.0 37.6



#17

Carbon Disulfide

Concen: 0.277 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059061.D

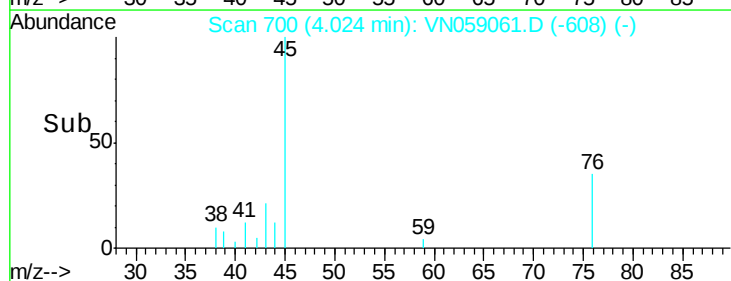
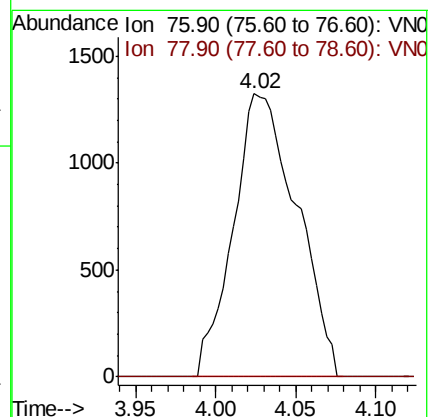
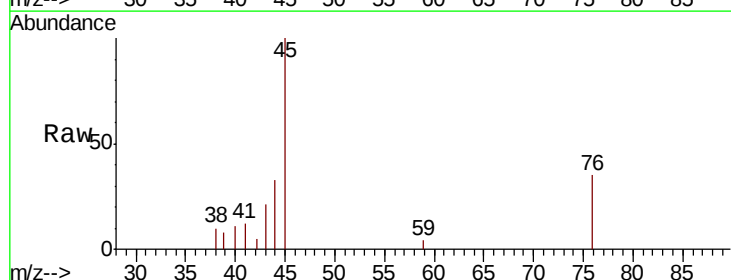
Acq: 1 Nov 2019 14:53

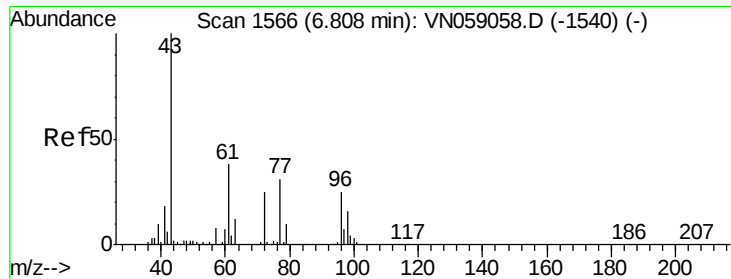
Tgt Ion: 76 Resp: 3607

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

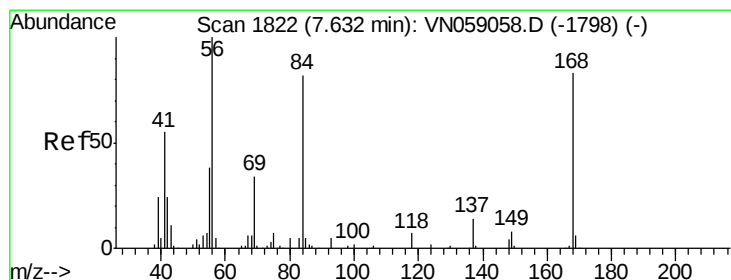
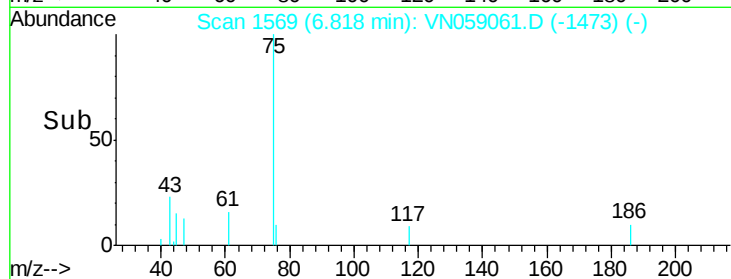
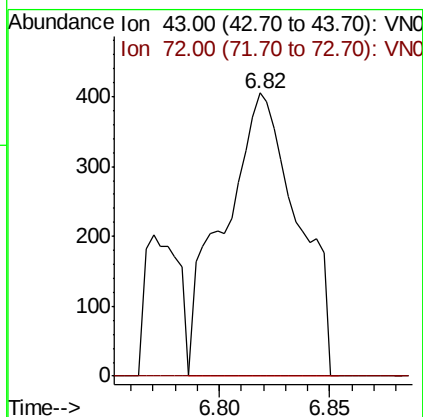
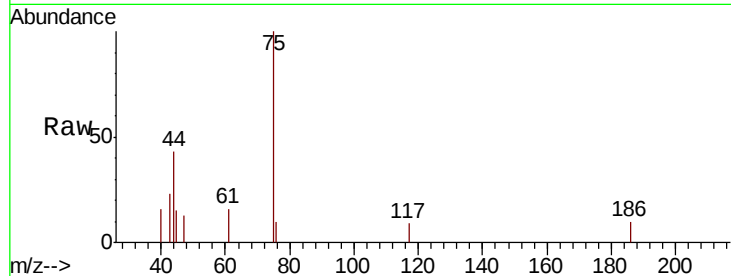




#25
2-Butanone
Concen: 0.255 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

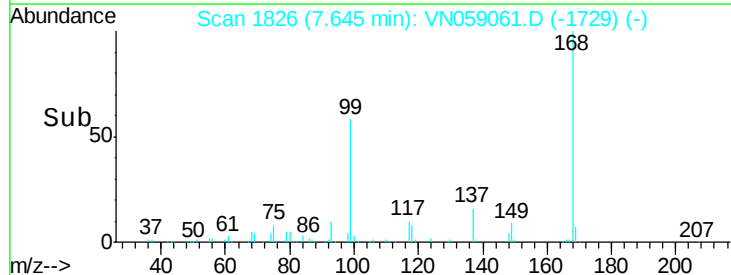
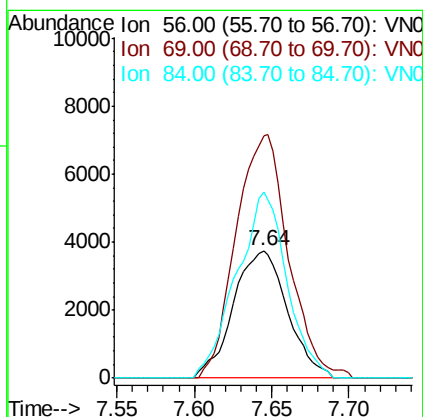
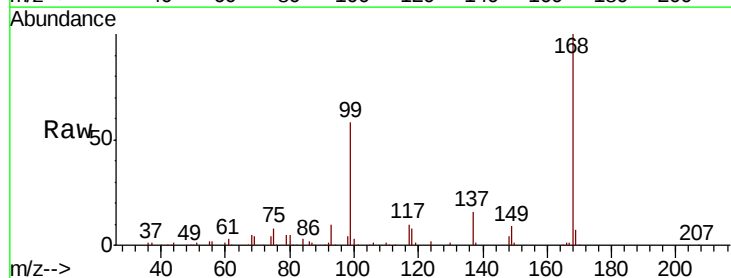
Instrument :
MSVOA_N
ClientSampled :

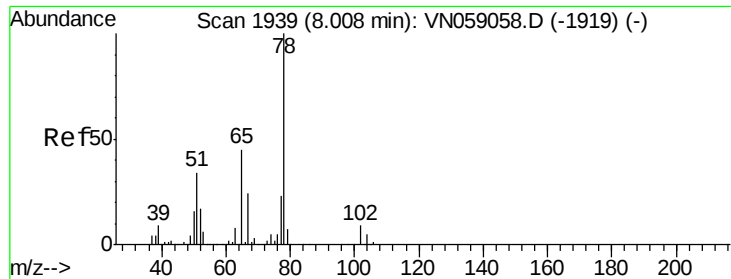
Tot Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Tgt Ion: 56 Resp: 9120
Ion Ratio Lower Upper
56 100
69 190.0 27.2 40.8#
84 146.2 65.2 97.8#





#33

1,2-Dichloroethane-d4

Concen: 51.986 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

Instrument :

MSVOA_N

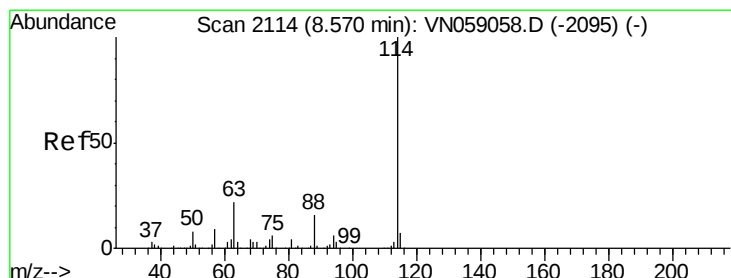
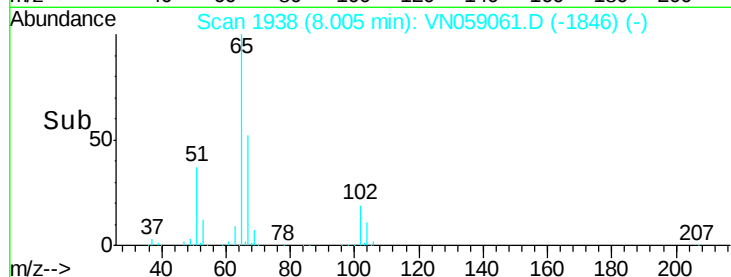
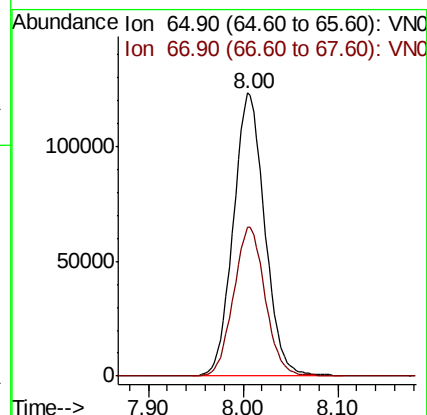
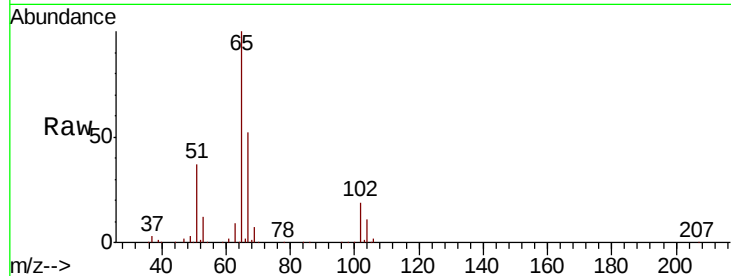
ClientSampleId :

Tot Ion: 65 Resp: 284828

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

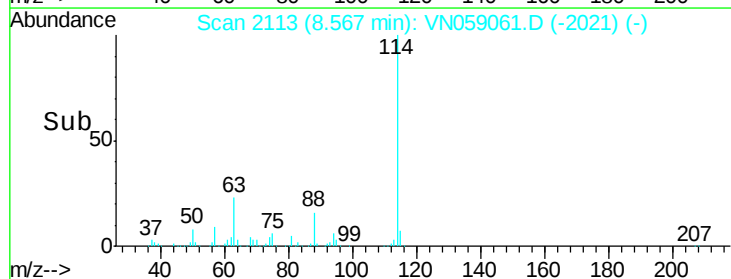
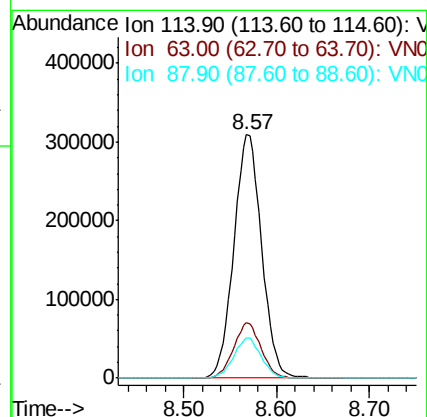
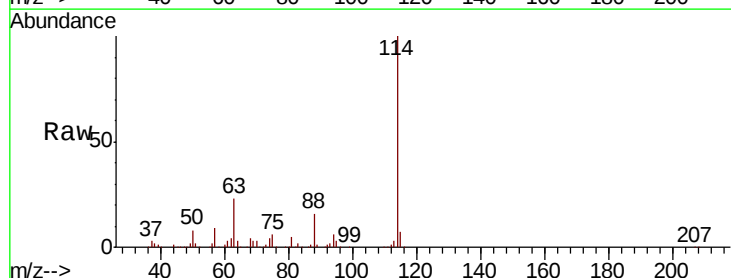
Tgt Ion: 114 Resp: 643651

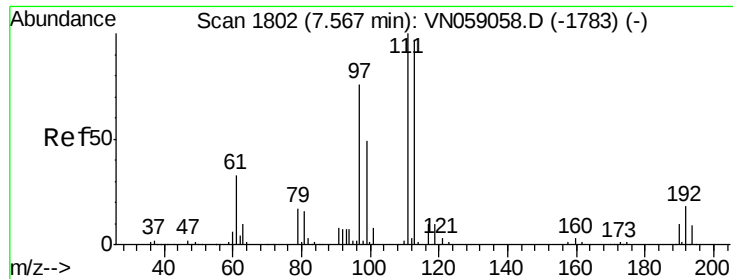
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.2

88 16.4 0.0 33.0

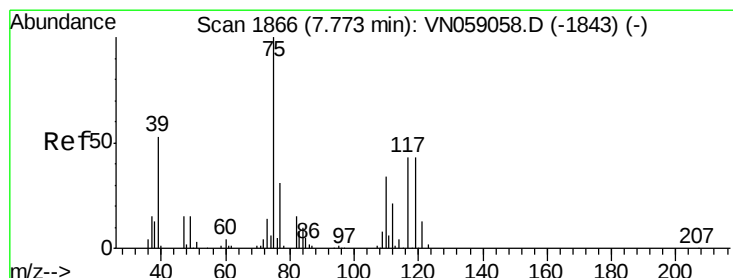
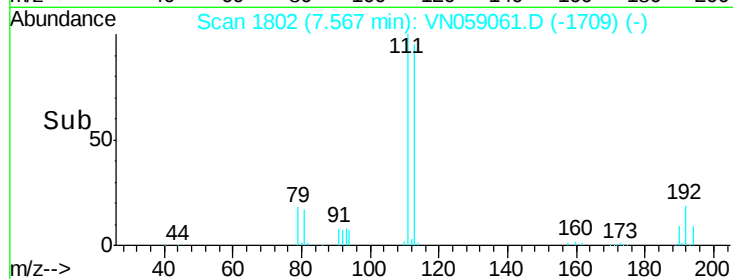
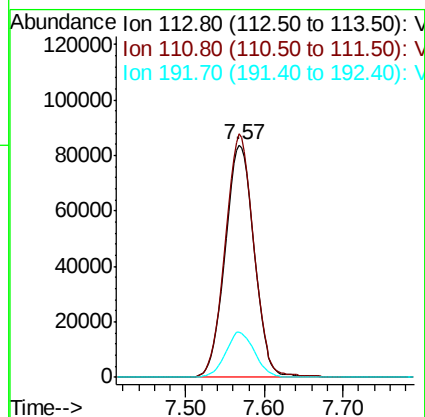
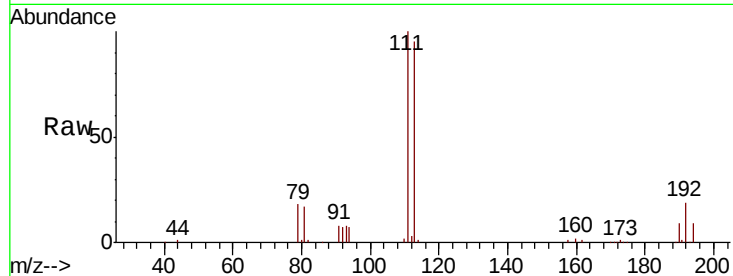




#35
 Dibromofluoromethane
 Concen: 51.494 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

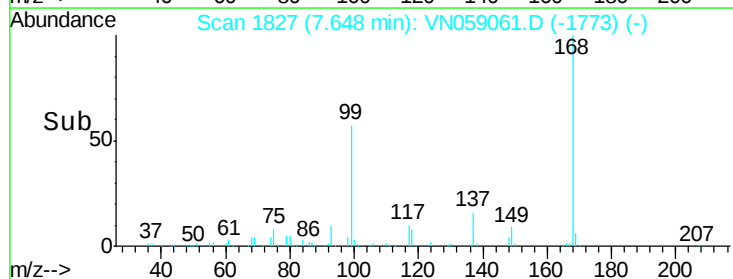
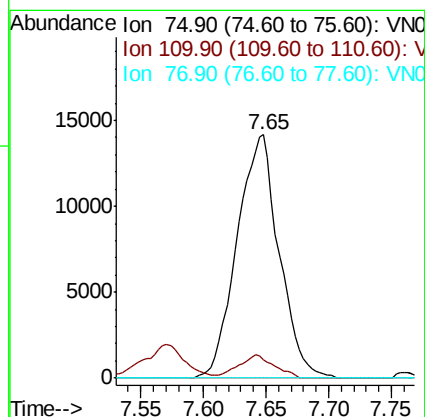
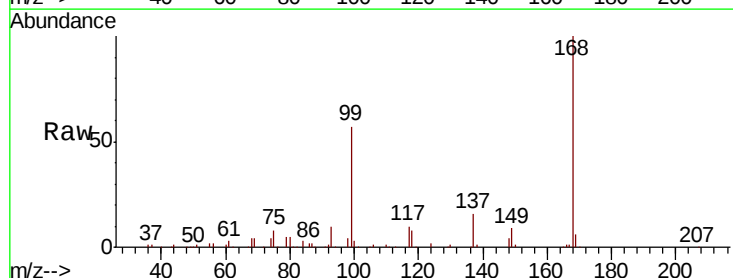
Instrument :
 MSVOA_N
 ClientSampled :

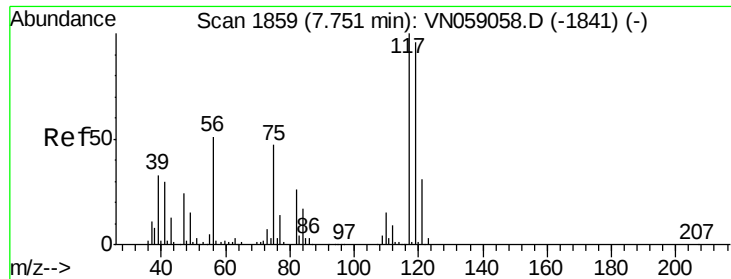
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	19.4	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.9	50.6#
77	0.0	25.0	37.4#

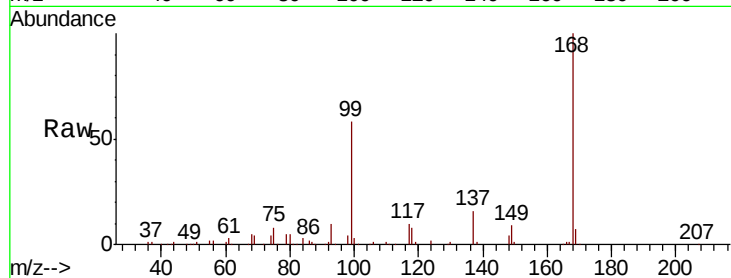




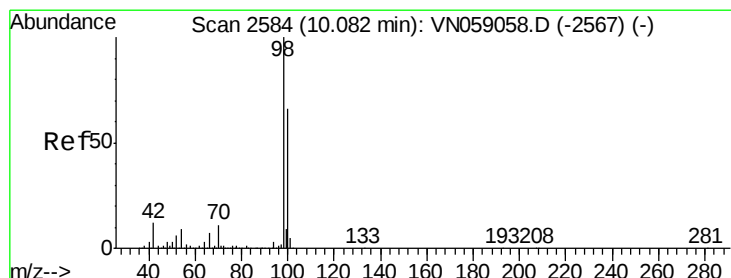
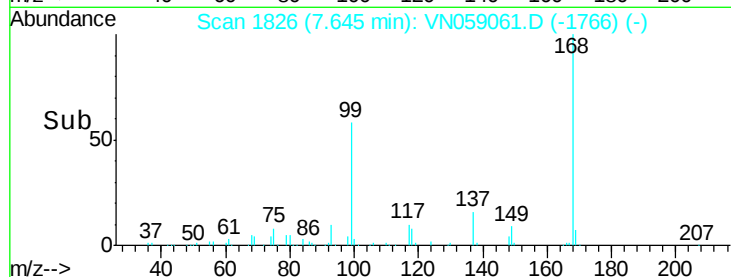
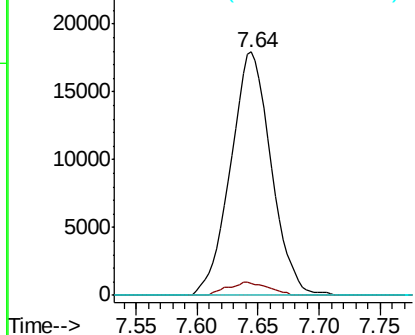
#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 41326
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 24.6 37.0#

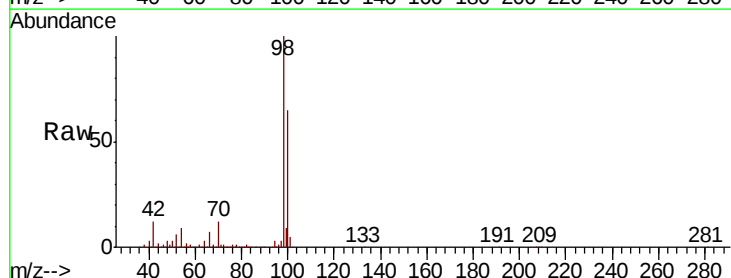


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

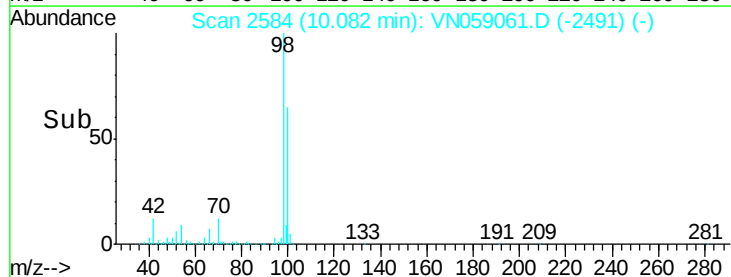
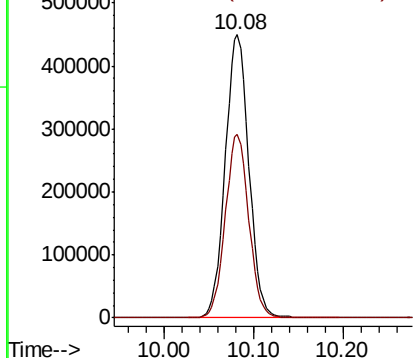


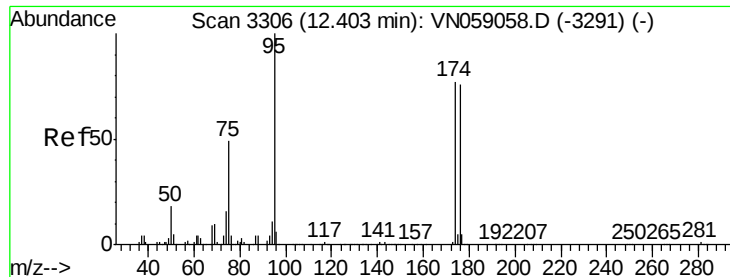
#50
Toluene-d8
Concen: 51.037 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Tgt Ion: 98 Resp: 825072
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



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

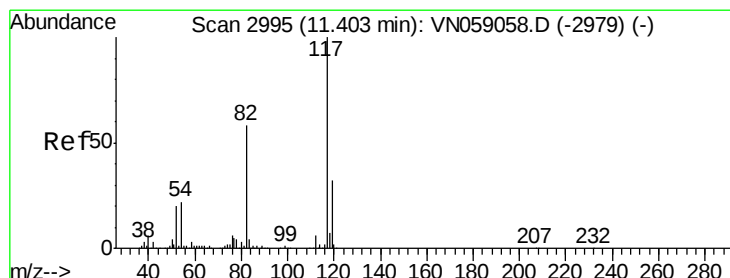
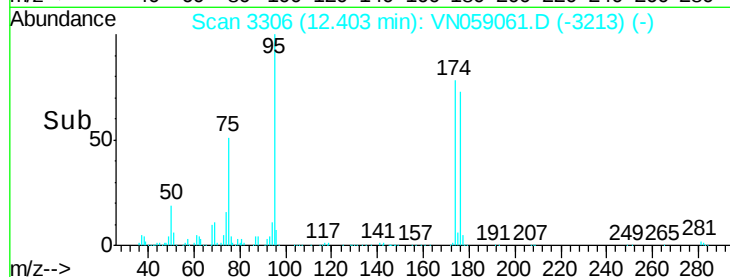
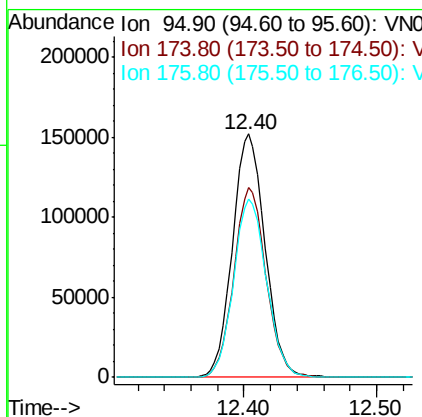
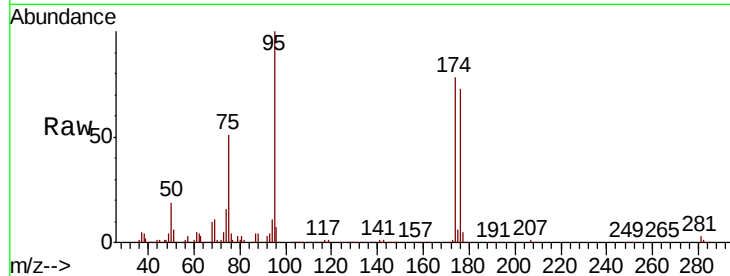




#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

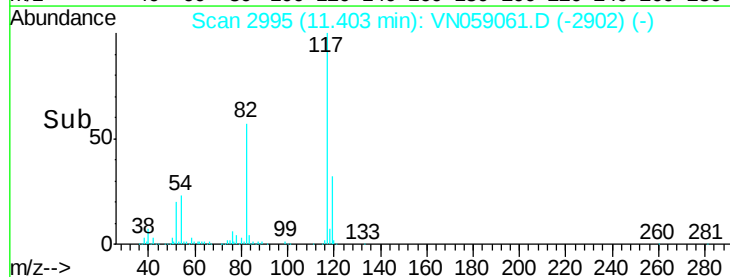
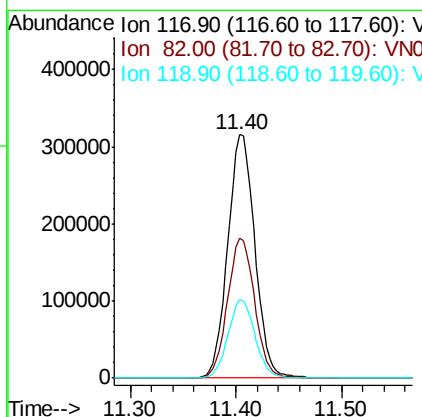
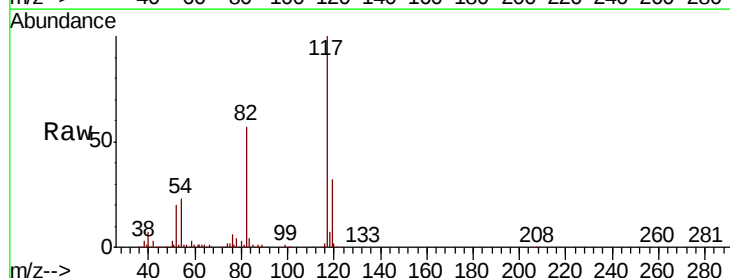
Instrument :
MSVOA_N
ClientSampleId :

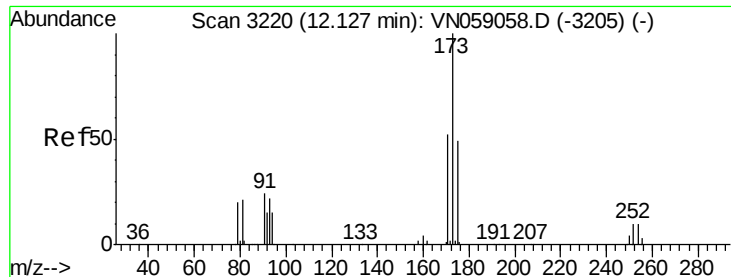
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	155.8
176	74.3	0.0	151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.0	69.0
119	32.0	25.6	38.4

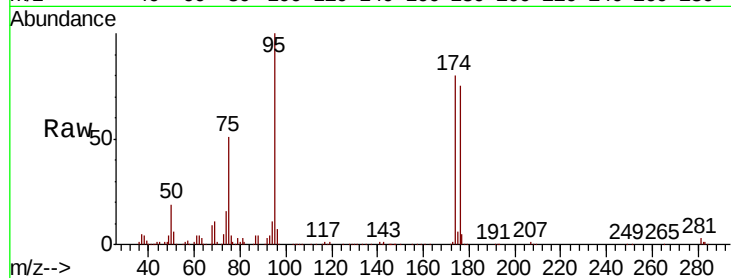




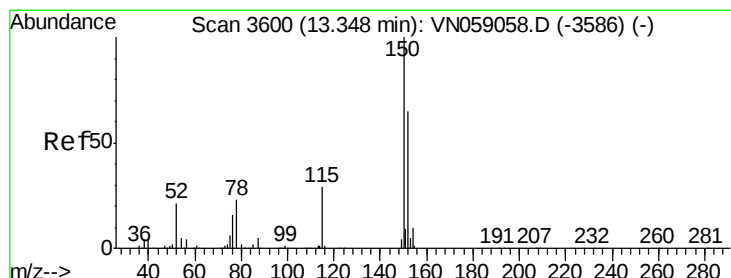
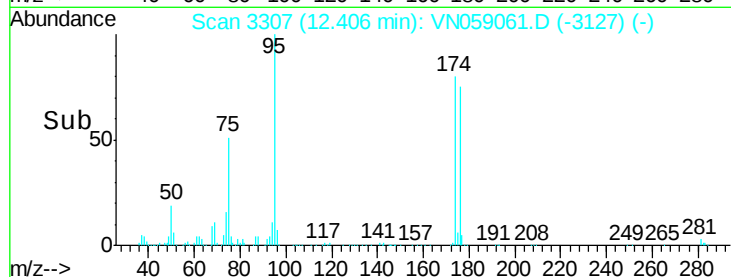
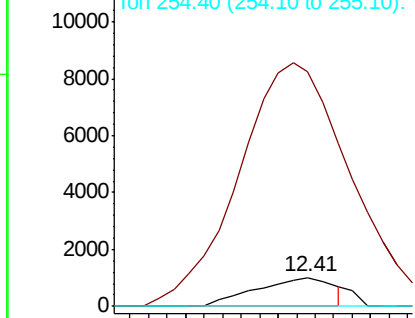
#71
Bromoform
Concen: 0.359 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1178
Ion Ratio Lower Upper
173 100
175 1005.1 24.4 73.2#
254 0.0 0.1 0.1#

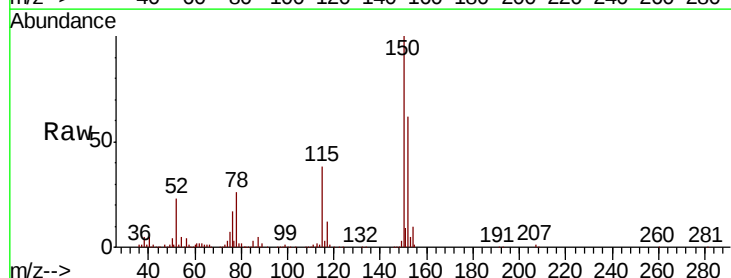


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

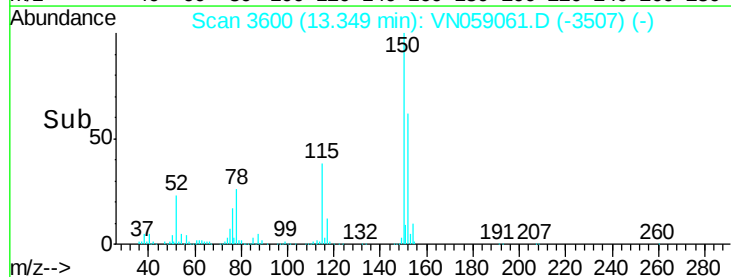
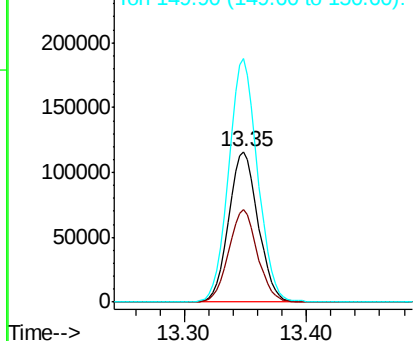


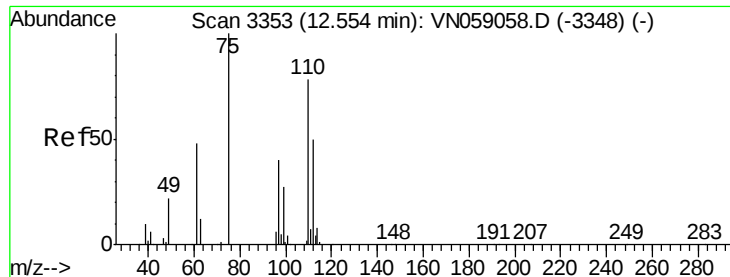
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059061.D
Acq: 1 Nov 2019 14:53

Tgt Ion:152 Resp: 194807
Ion Ratio Lower Upper
152 100
115 60.2 29.6 88.9
150 160.1 0.0 345.8



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





#76

1,2,3-Trichloropropane

Concen: 28.656 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

Instrument :

MSVOA_N

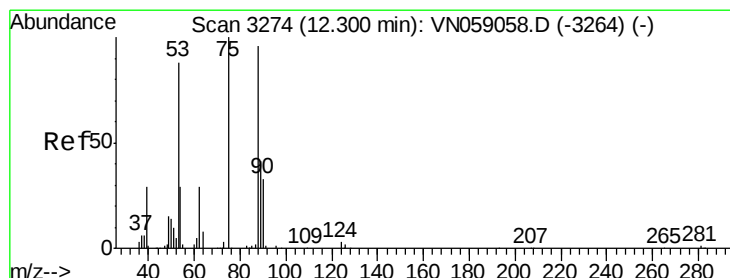
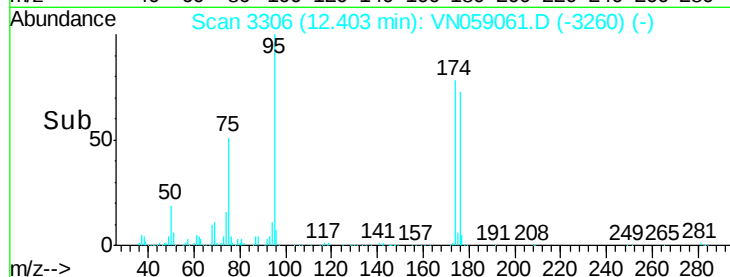
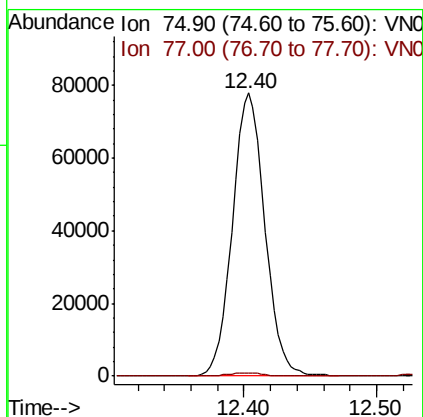
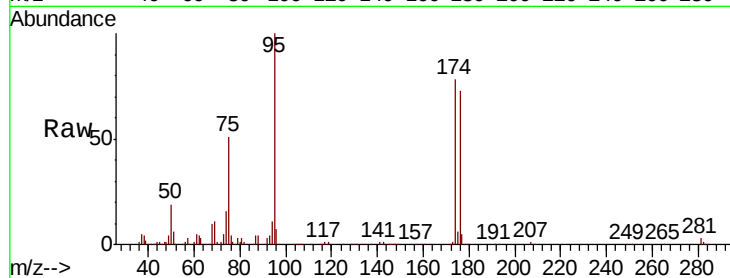
ClientSampleId :

Tot Ion: 75 Resp: 132102

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.460 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059061.D

Acq: 1 Nov 2019 14:53

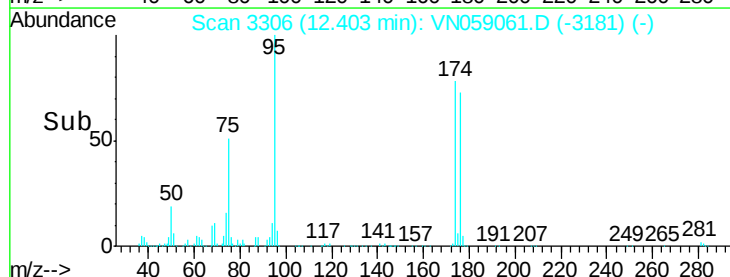
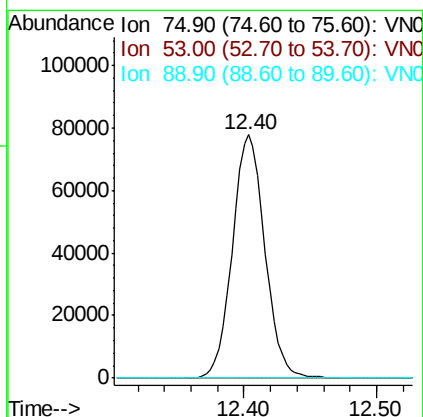
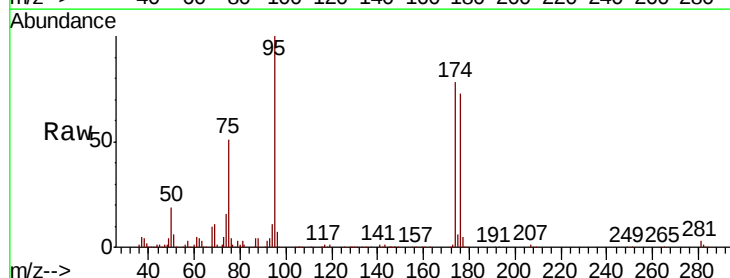
Tgt Ion: 75 Resp: 132102

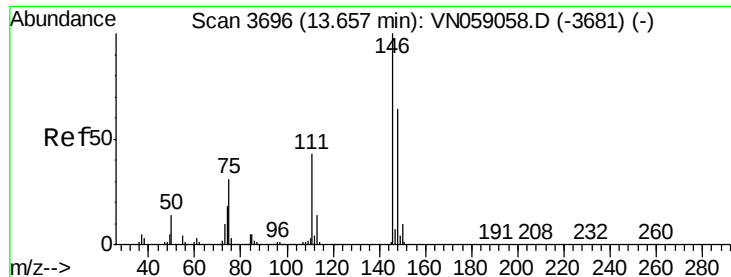
Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 34.2 51.2#

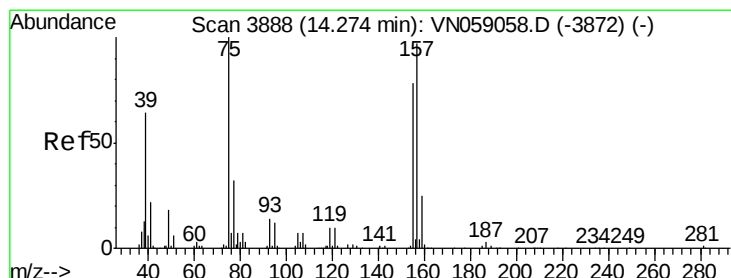
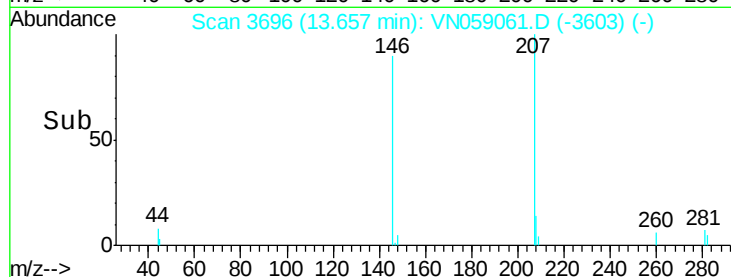
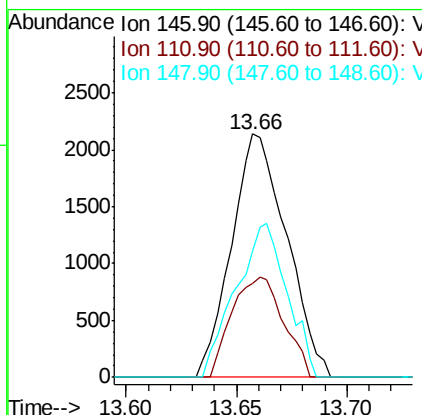
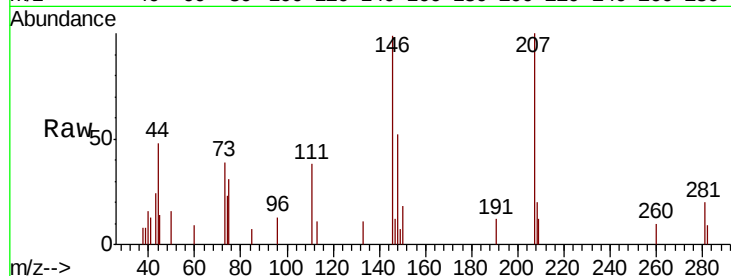




#91
 1,2-Dichlorobenzene
 Concen: 0.586 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

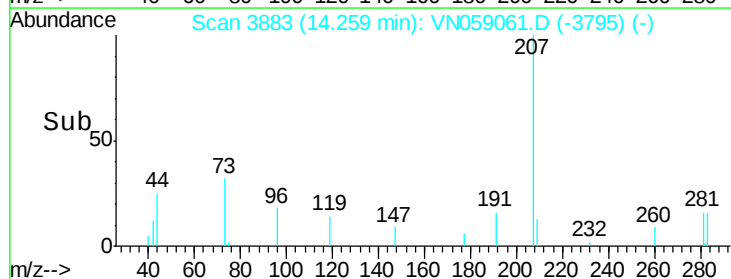
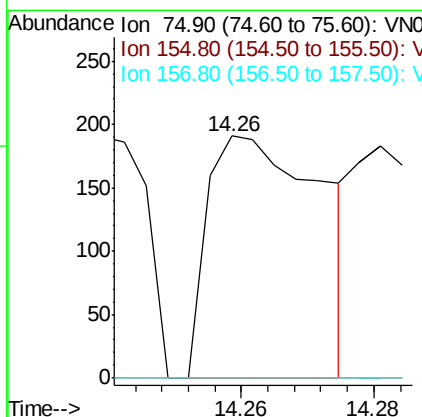
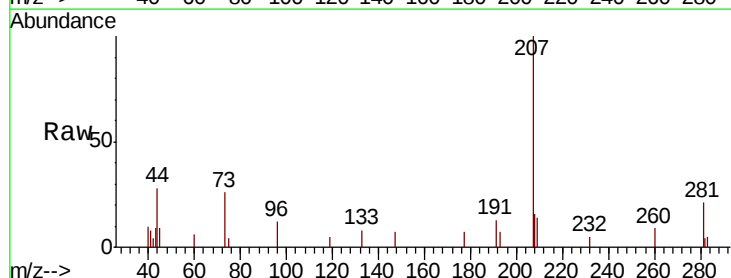
Instrument :
 MSVOA_N
 ClientSampled :

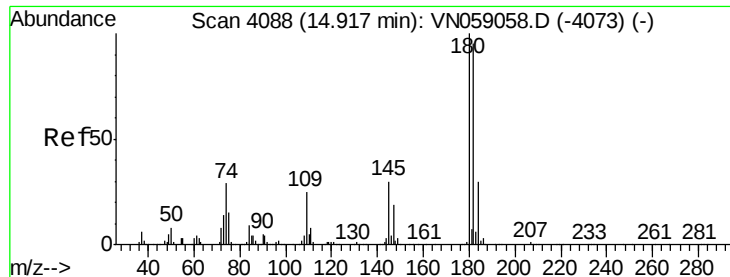
Tot Ion:146 Resp: 3713
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.2 63.6
 148 58.8 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.205 ug/l
 RT: 14.26 min Scan# 3883
 Delta R.T. -0.02 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Tgt Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.7 119.1#
 157 0.0 51.0 153.0#

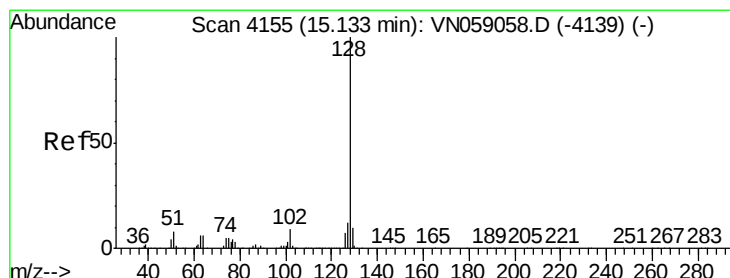
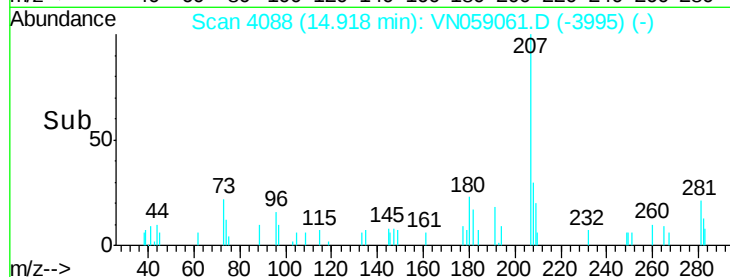
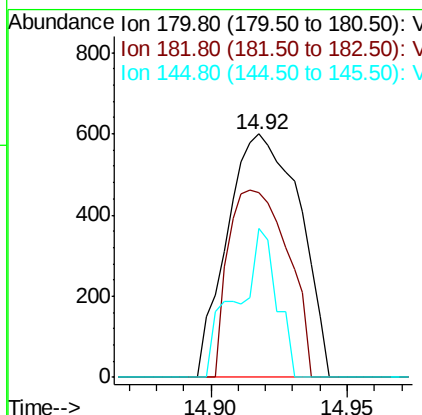
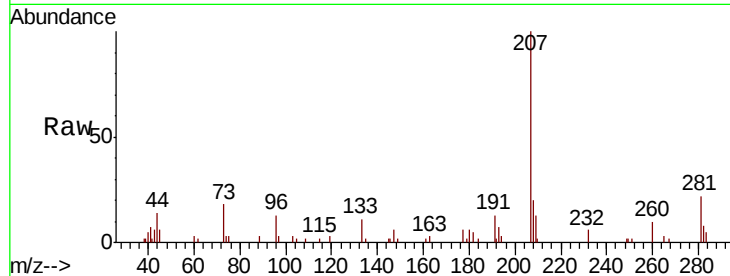




#93
 1,2,4-Trichlorobenzene
 Concen: 0.324 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

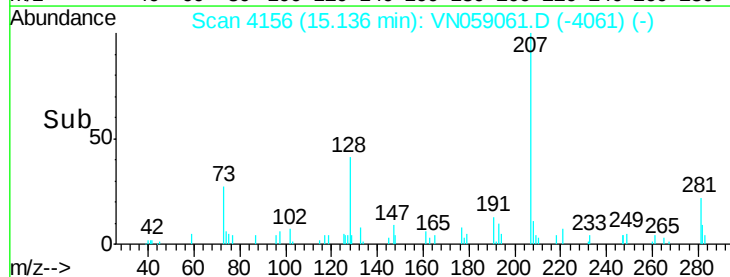
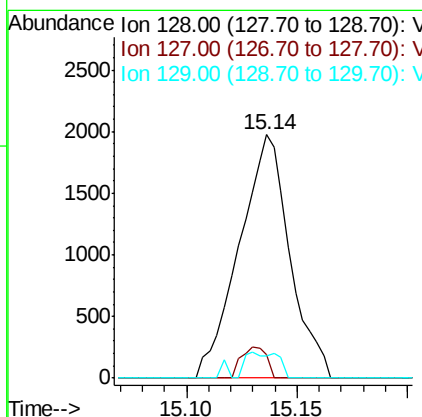
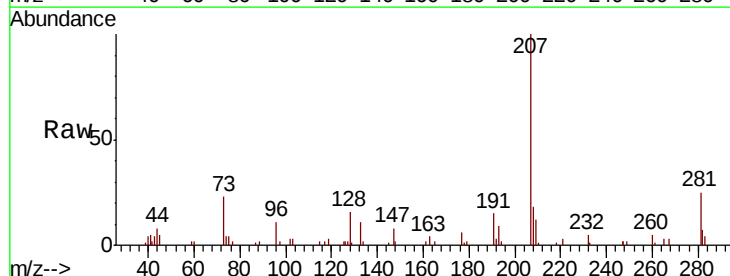
Instrument :
 MSVOA_N
 ClientSampleId :

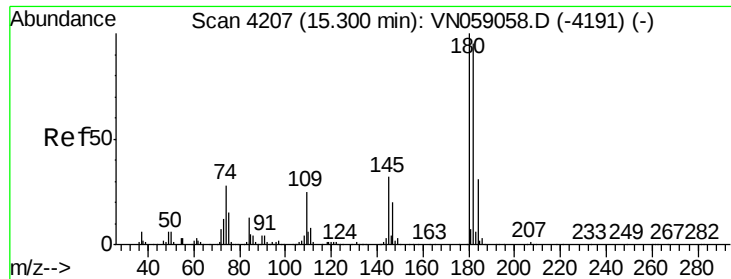
Tot Ion	Ratio	Lower	Upper
180	100		
182	63.4	47.8	143.4
145	33.9	15.1	45.3



#95
 Naphthalene
 Concen: 3.263 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Tgt Ion	Ratio	Lower	Upper
128	100		
127	6.4	9.9	14.9#
129	6.9	8.4	12.6#

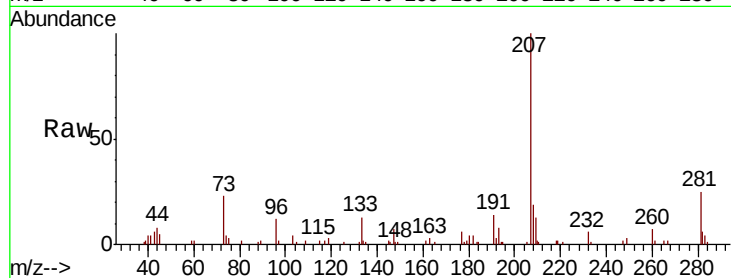




#96
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN059061.D
 Acq: 1 Nov 2019 14:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	4.8	16.0	48.0



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

