

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059152.D
 Acq On : 11 Nov 2019 11:56
 Operator : JC/SP
 Sample : K5775-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	474703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	634035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226960	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	300517	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	
35) Dibromofluoromethane	7.57	113	223329	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	881795	50.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	281312	45.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.10%	

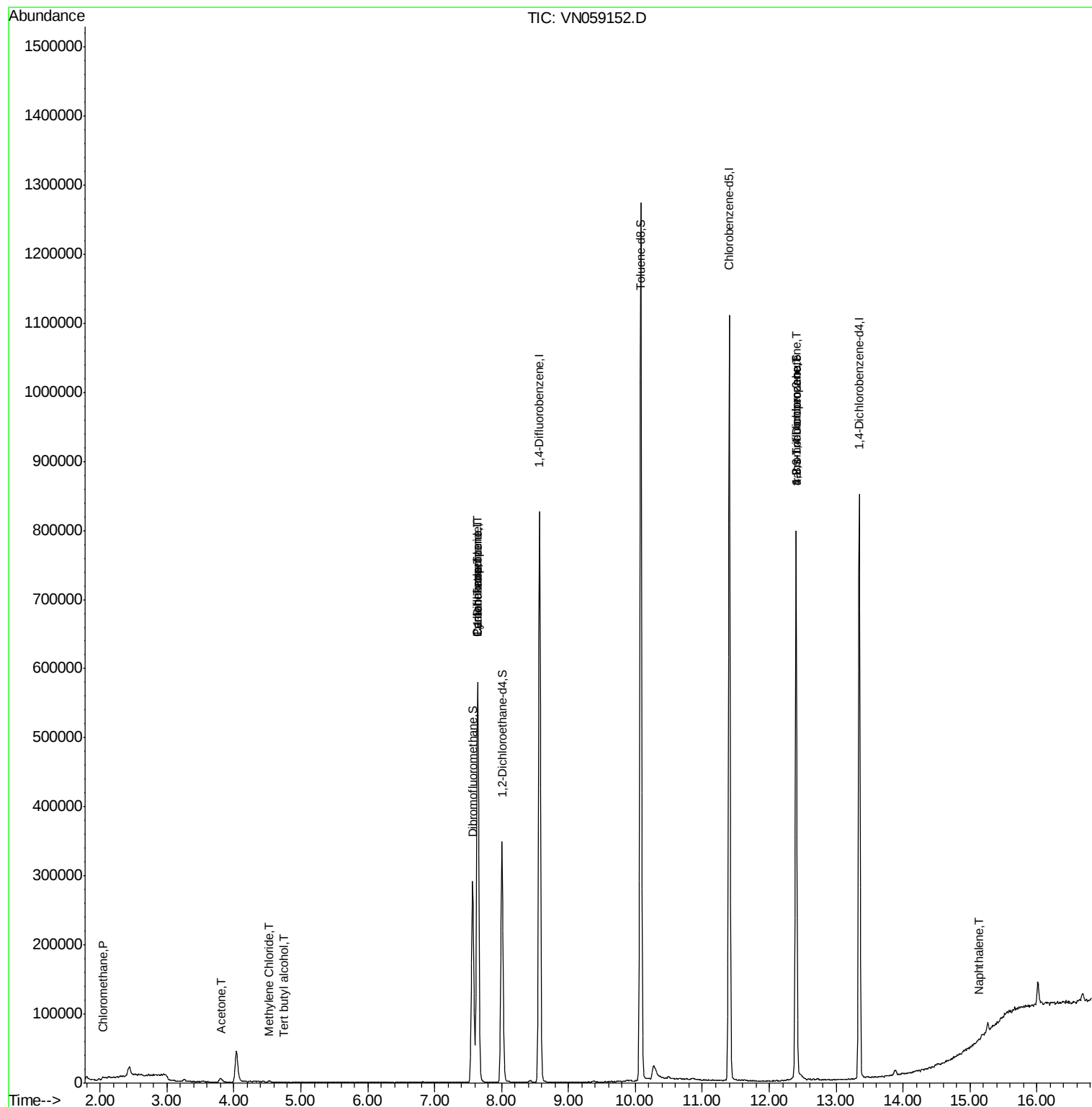
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2270	0.349	ug/l	99
11) Tert butyl alcohol	4.76	59	415	0.373	ug/l #	72
16) Acetone	3.80	43	9654	3.181	ug/l #	88
20) Methylene Chloride	4.53	84	1682	0.318	ug/l #	75
31) Cyclohexane	7.64	56	9983	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	37027	5.379	ug/l #	50
38) Carbon Tetrachloride	7.64	117	44880	6.551	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	142159	27.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	142159	72.667	ug/l #	13
95) Naphthalene	15.13	128	313	3.070	ug/l #	70

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 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: VN059152.D

Acq: 11 Nov 2019 11:56

Instrument :

MSVOA_N

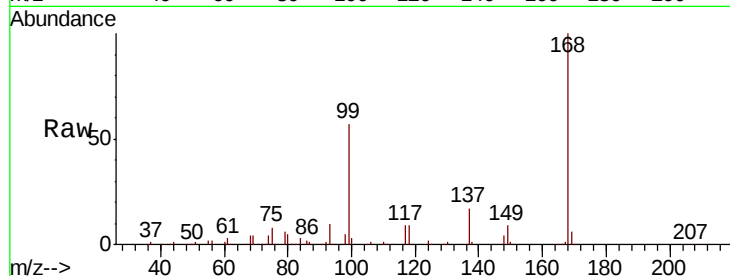
ClientSampleId :

Tot Ion:168 Resp: 474703

Ion Ratio Lower Upper

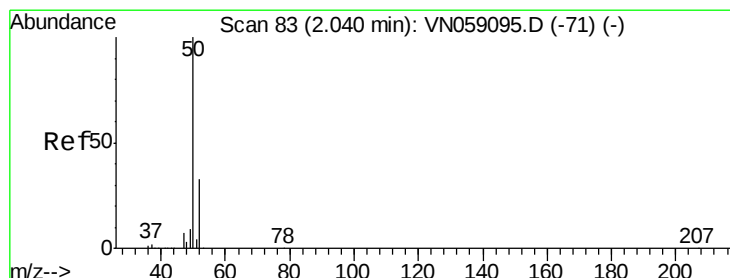
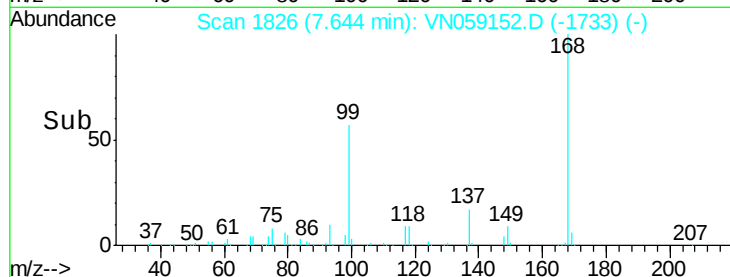
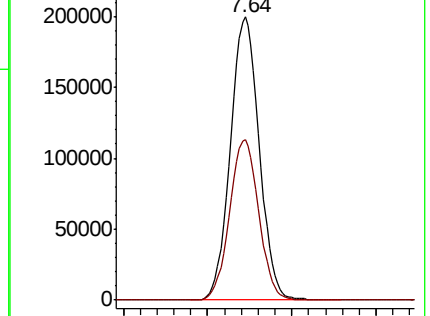
168 100

99 56.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.349 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059152.D

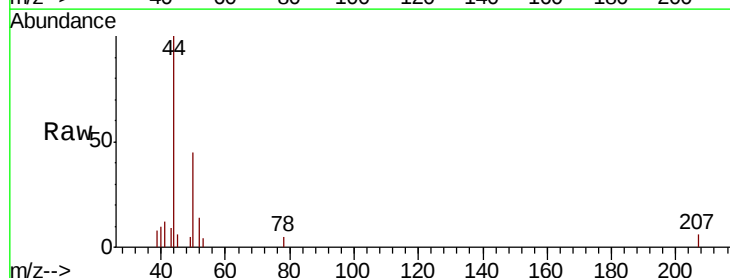
Acq: 11 Nov 2019 11:56

Tgt Ion: 50 Resp: 2270

Ion Ratio Lower Upper

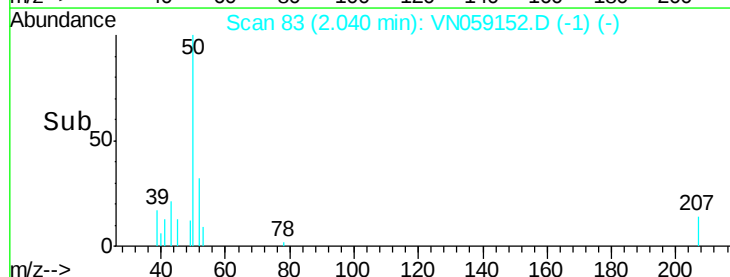
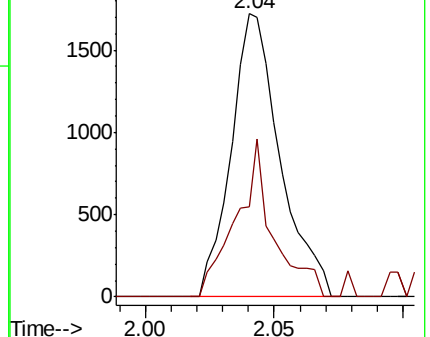
50 100

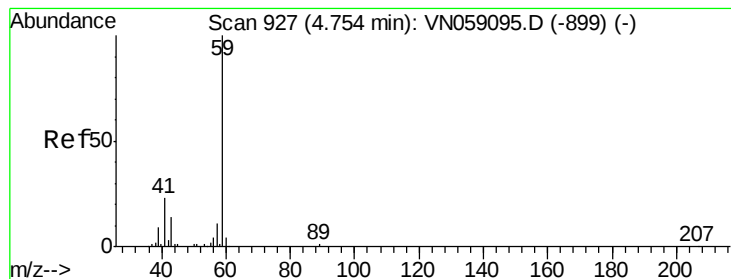
52 31.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



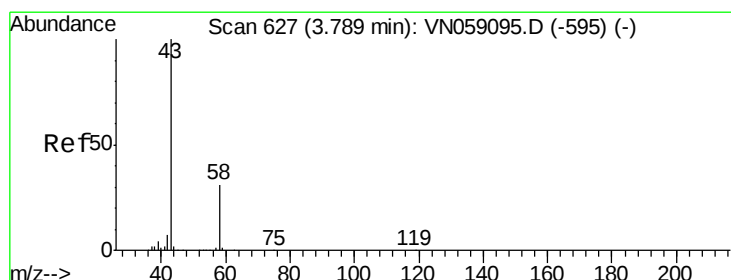
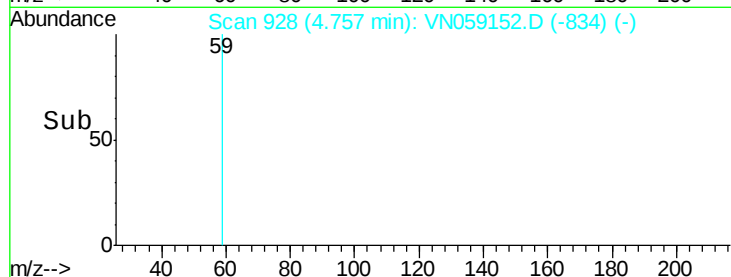
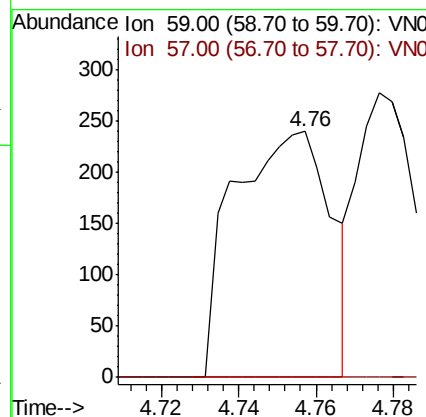
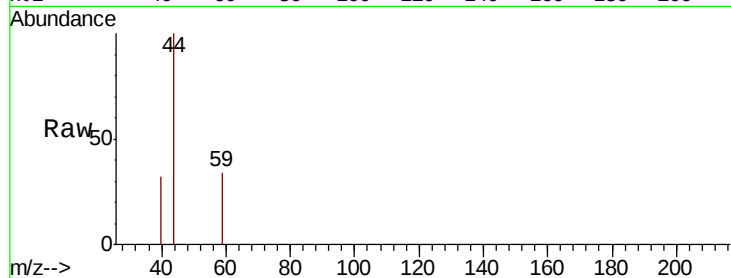


#11

Tert butyl alcohol
 Concen: 0.373 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN059152.D
 Acq: 11 Nov 2019 11:56

Instrument :
 MSVOA_N
 ClientSampled :

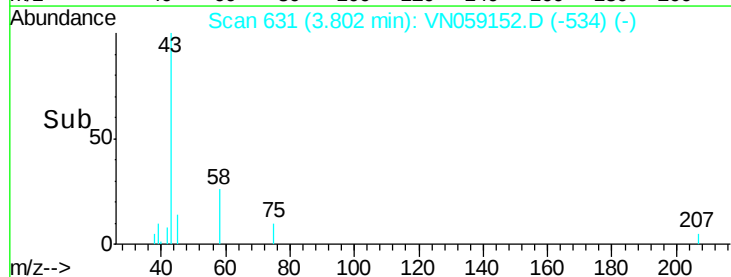
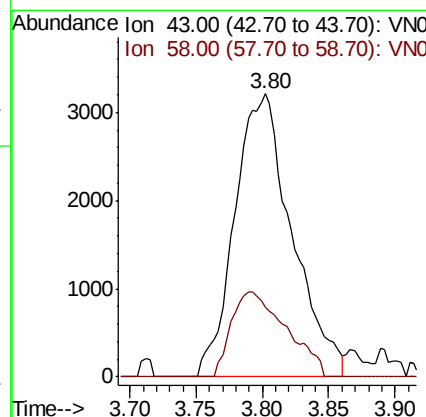
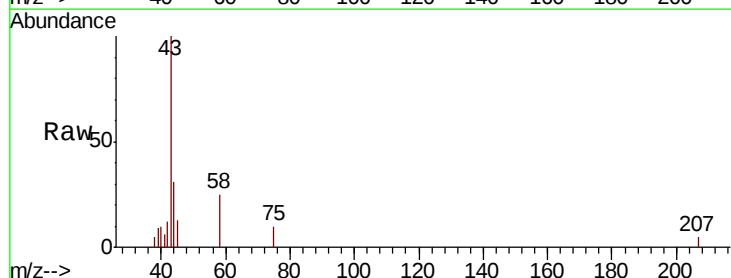
Tot Ion: 59 Resp: 415
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

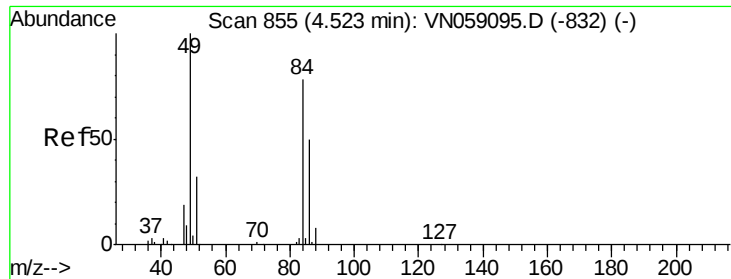


#16

Acetone
 Concen: 3.181 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN059152.D
 Acq: 11 Nov 2019 11:56

Tgt Ion: 43 Resp: 9654
 Ion Ratio Lower Upper
 43 100
 58 24.5 24.9 37.3#

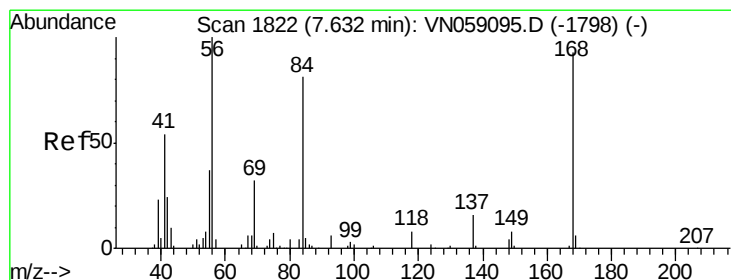
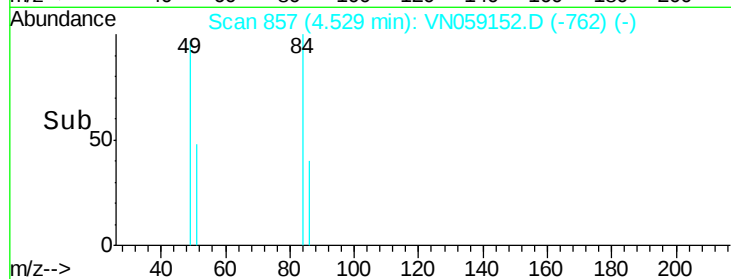
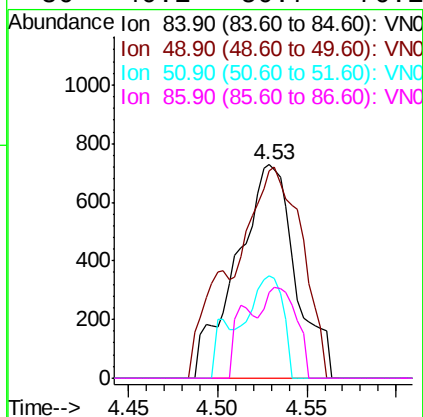
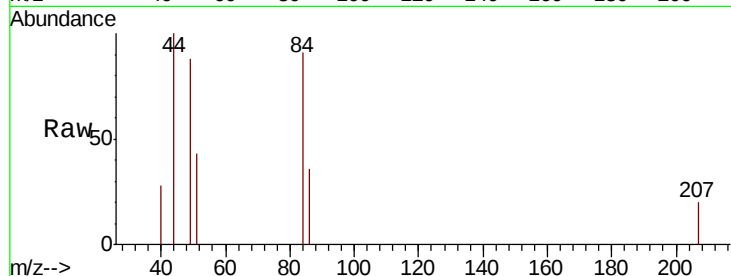




#20
Methvlene Chloride
Concen: 0.318 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

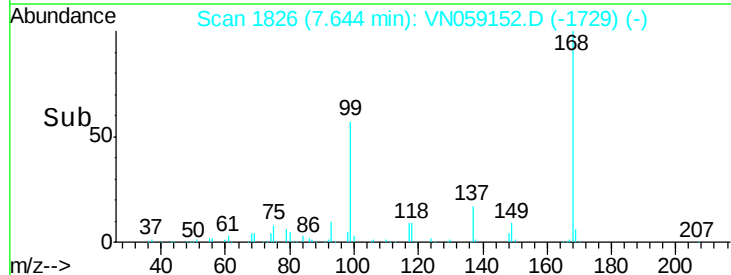
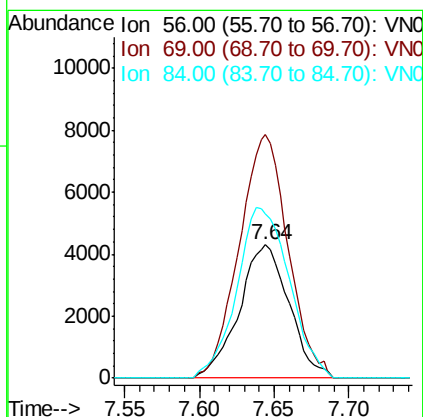
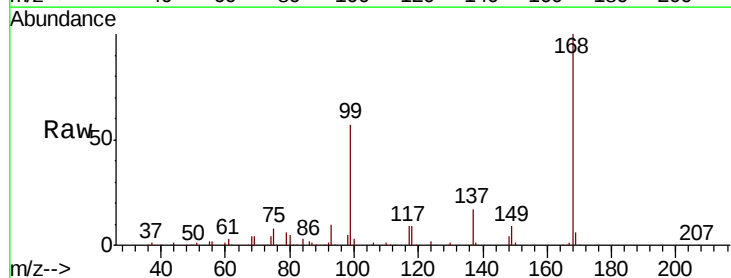
Instrument :
MSVOA_N
ClientSampled :

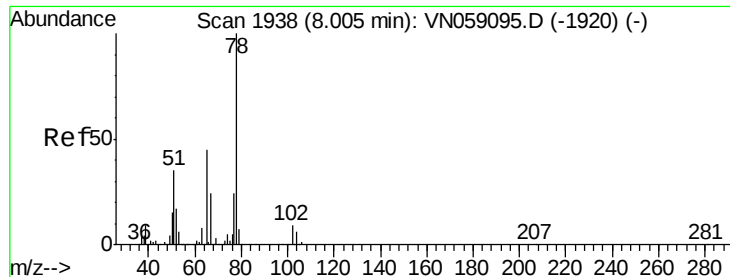
Tot Ion: 84 Resp: 1682
Ion Ratio Lower Upper
84 100
49 97.3 102.0 153.0#
51 47.8 32.2 48.2
86 40.1 50.7 76.1#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Tgt Ion: 56 Resp: 9983
Ion Ratio Lower Upper
56 100
69 182.9 25.8 38.8#
84 123.2 65.0 97.4#

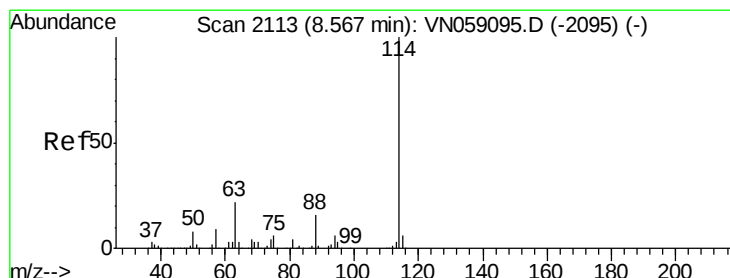
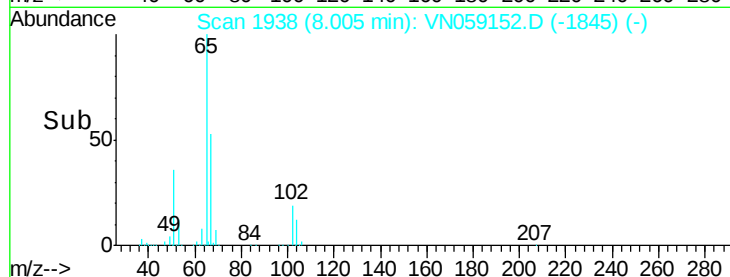
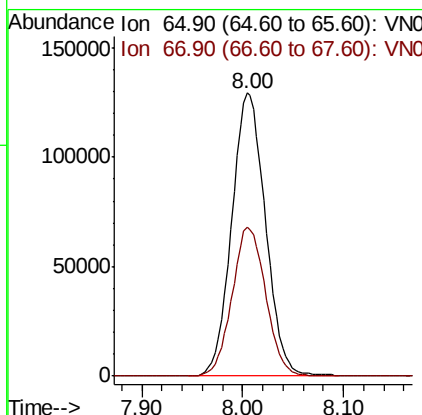
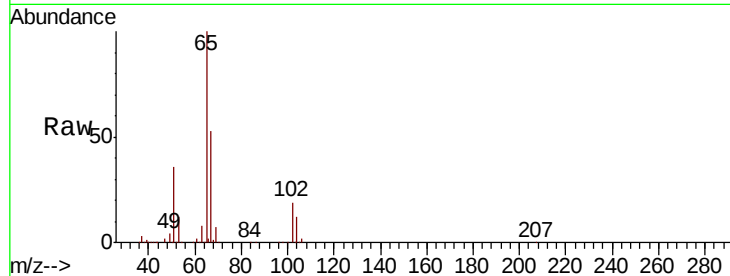




#33
 1,2-Dichloroethane-d4
 Concen: 51.500 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059152.D
 Acq: 11 Nov 2019 11:56

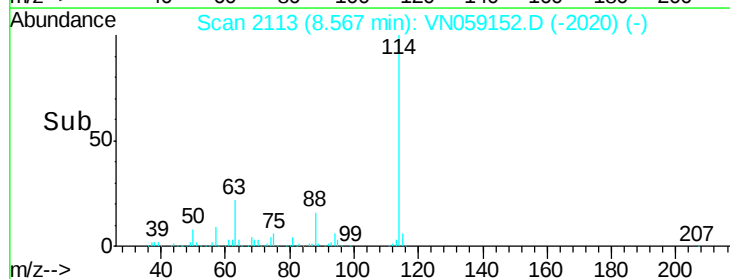
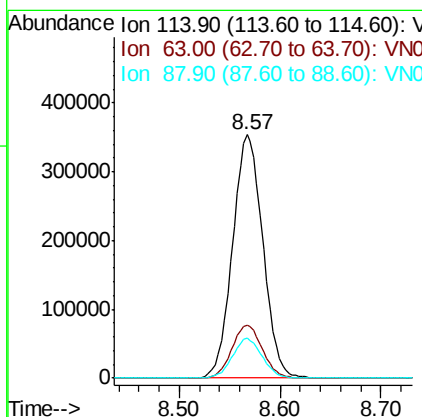
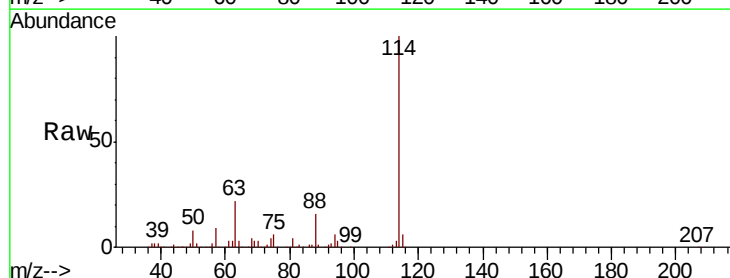
Instrument :
 MSVOA_N
 ClientSampled :

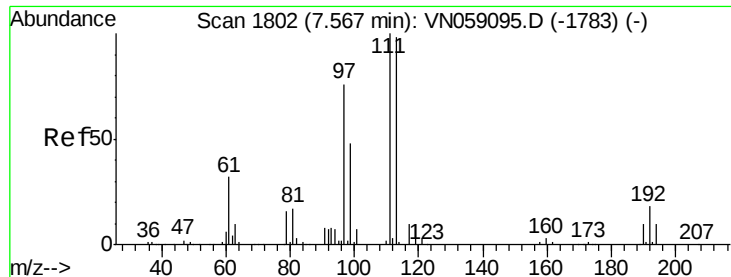
Tot Ion: 65 Resp: 300517
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059152.D
 Acq: 11 Nov 2019 11:56

Tgt Ion: 114 Resp: 736417
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.3 0.0 32.2

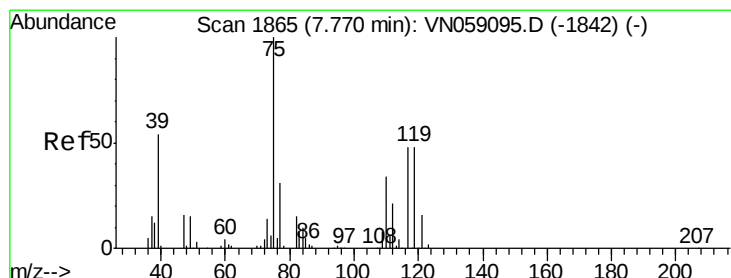
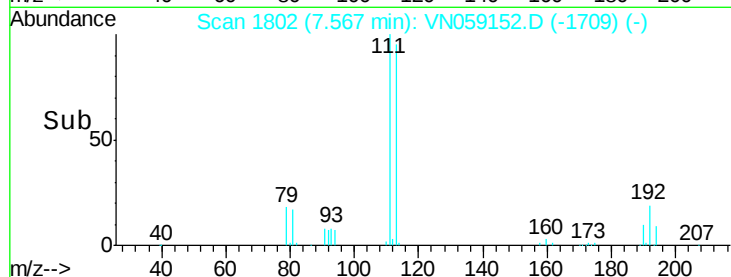
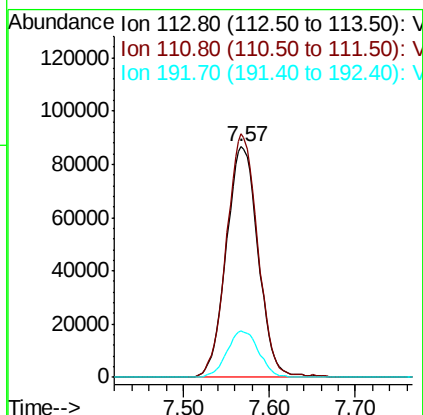
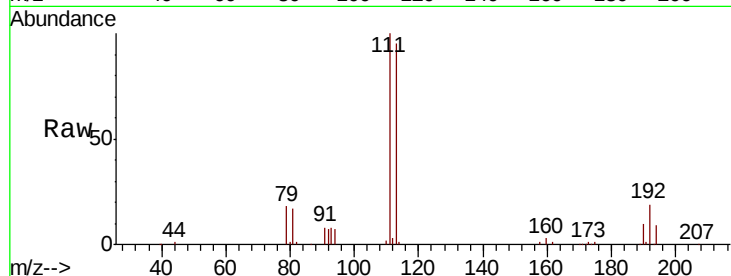




#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

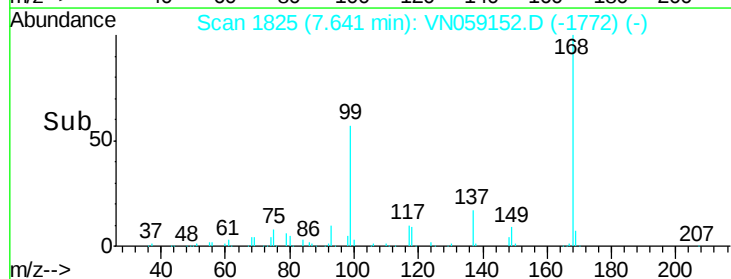
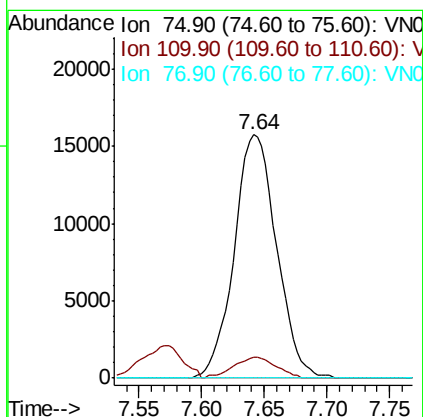
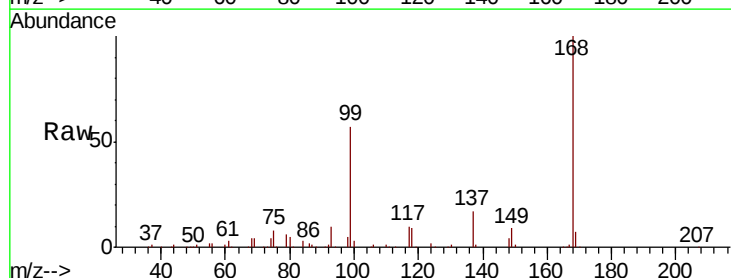
Instrument :
MSVOA_N
ClientSampleId :

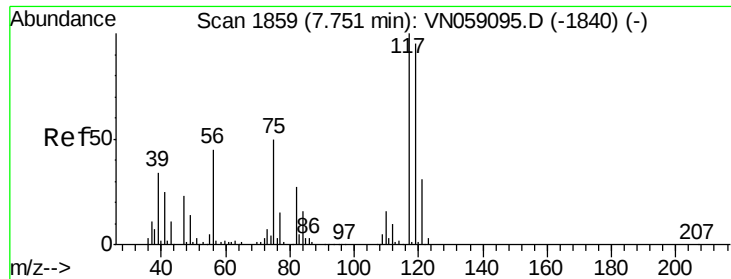
Tot Ion:113 Resp: 223329
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 20.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Tgt Ion: 75 Resp: 37027
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.8 37.2#

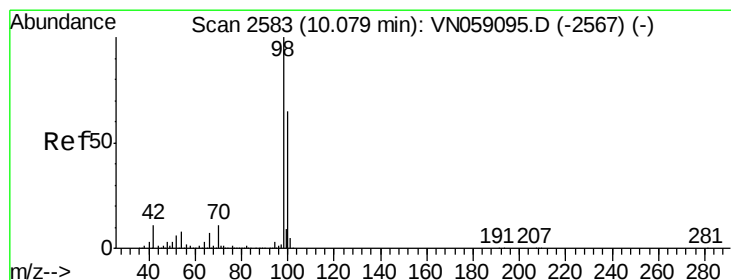
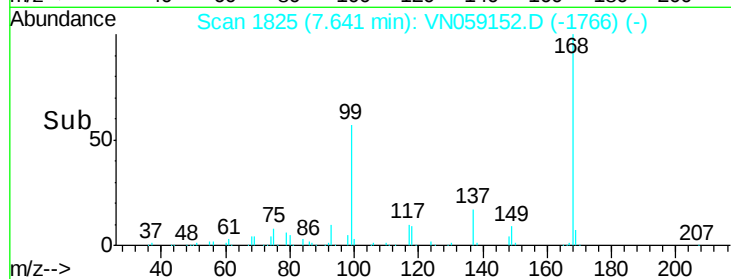
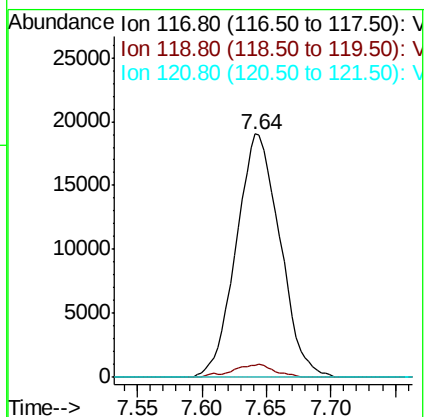
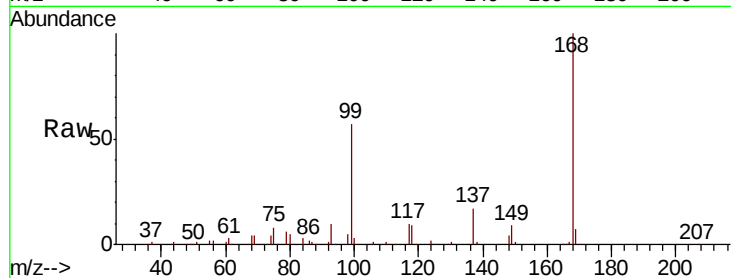




#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

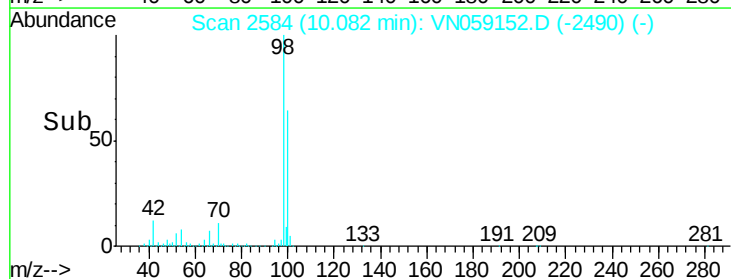
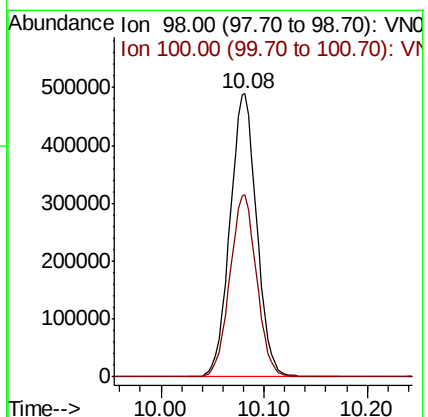
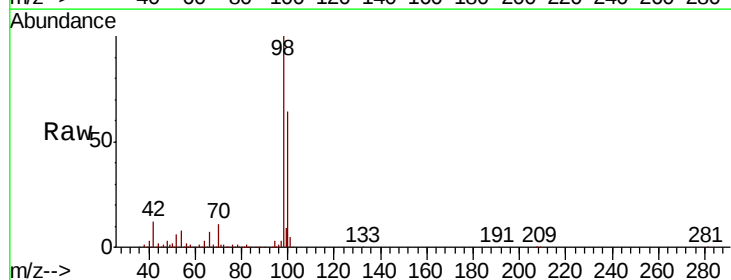
Instrument :
MSVOA_N
ClientSampleId :

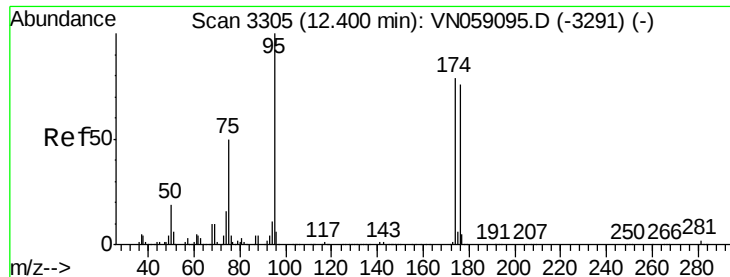
Tot Ion:117 Resp: 44880
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 50.912 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Tgt Ion: 98 Resp: 881795
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 45.047 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059152.D

Acq: 11 Nov 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

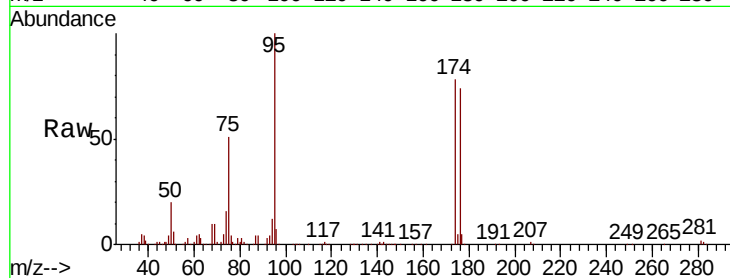
Tot Ion: 95 Resp: 281312

Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.2

176 74.7 0.0 151.8

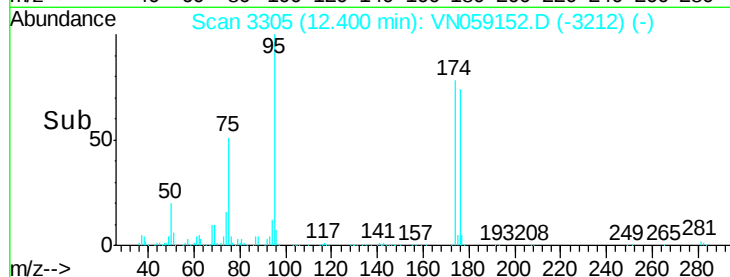


Abundance Ion 94.90 (94.60 to 95.60): VN059152.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059152.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059152.D (-3291) (-)

Time--> 12.30 12.40 12.50

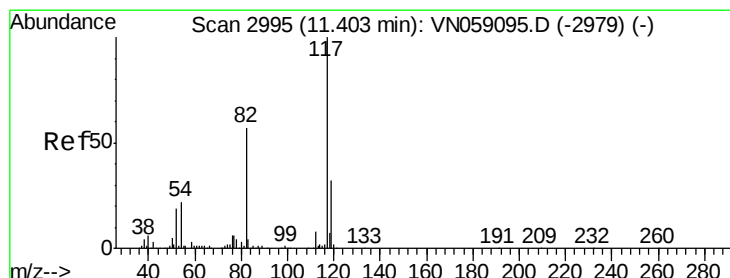


Abundance Ion 94.90 (94.60 to 95.60): VN059152.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059152.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059152.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059152.D

Acq: 11 Nov 2019 11:56

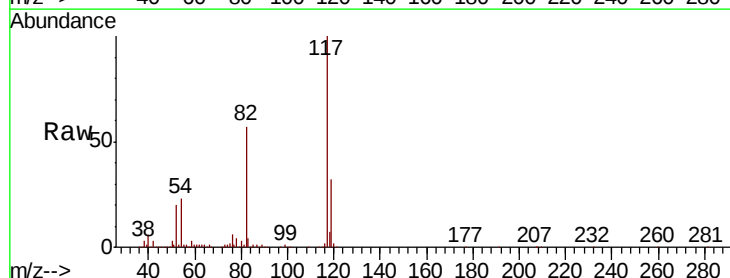
Tgt Ion: 117 Resp: 634035

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

119 31.5 25.8 38.6

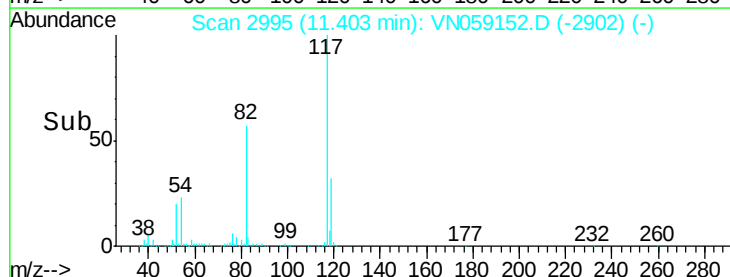


Abundance Ion 116.90 (116.60 to 117.60): VN059152.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059152.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059152.D (-2979) (-)

Time--> 11.30 11.40 11.50

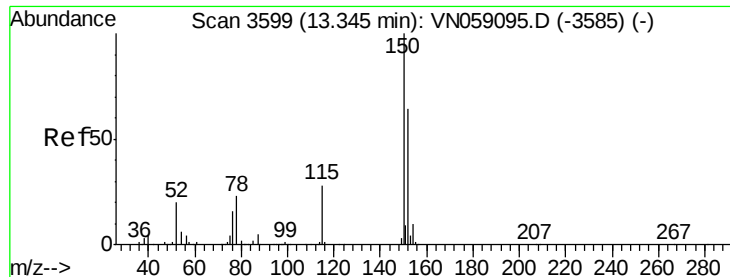


Abundance Ion 116.90 (116.60 to 117.60): VN059152.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059152.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059152.D (-2902) (-)

Time--> 11.30 11.40 11.50

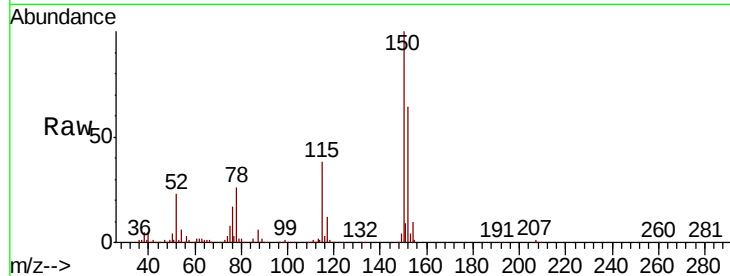


#72

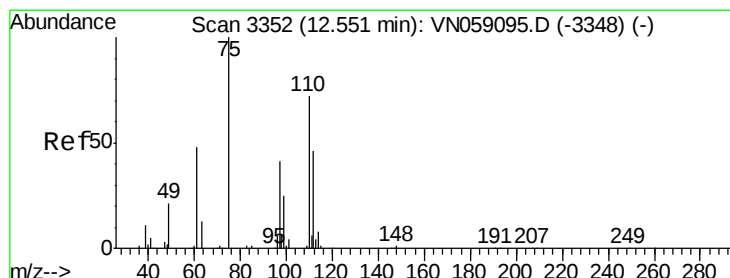
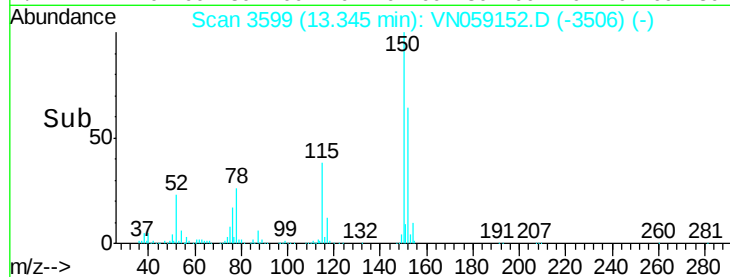
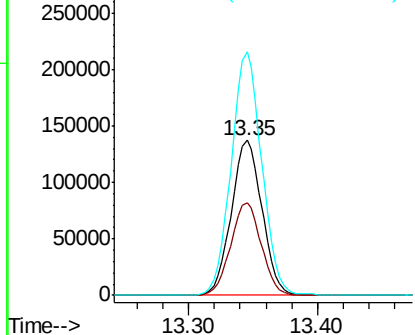
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.4	88.2
150	156.4	0.0	345.8



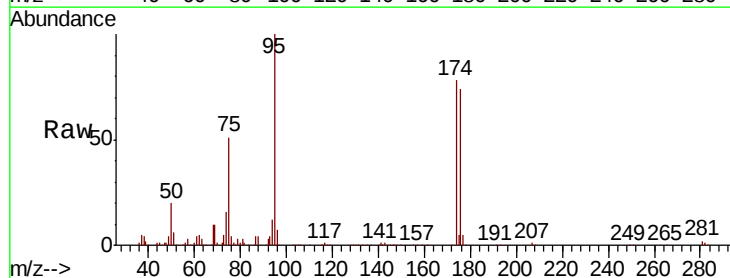
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



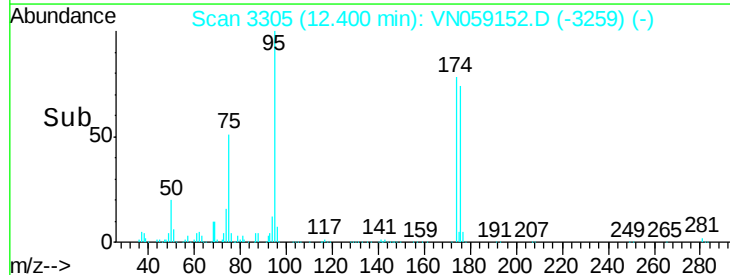
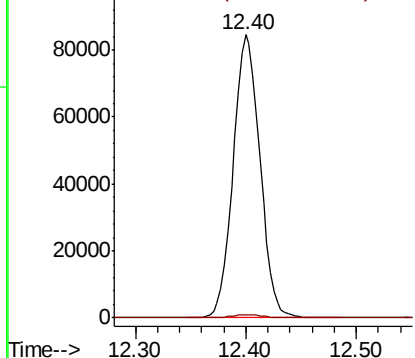
#76

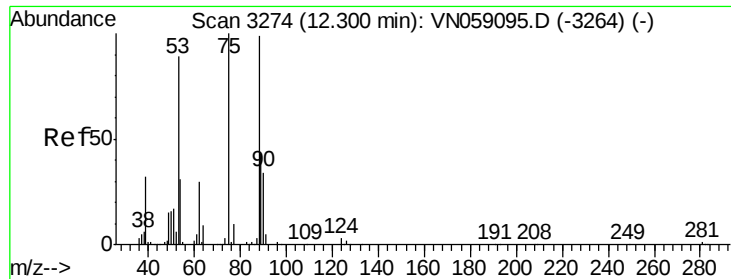
1,2,3-Trichloropropane
Concen: 27.512 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V

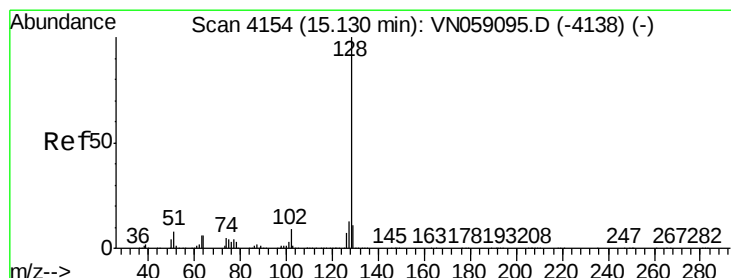
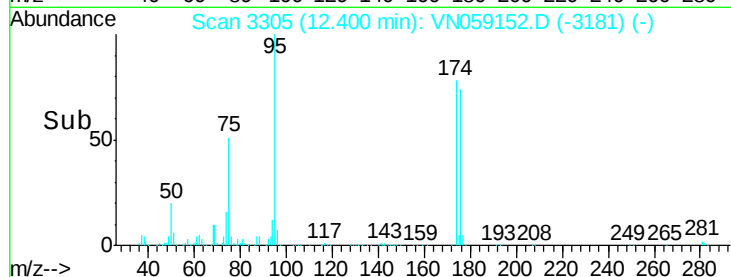
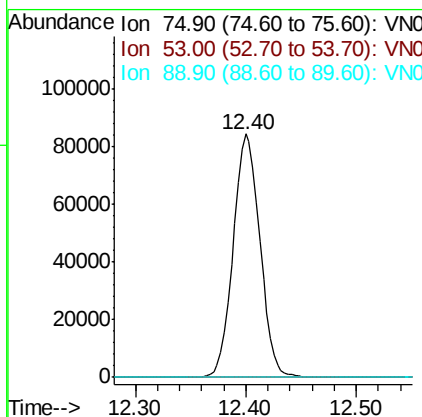
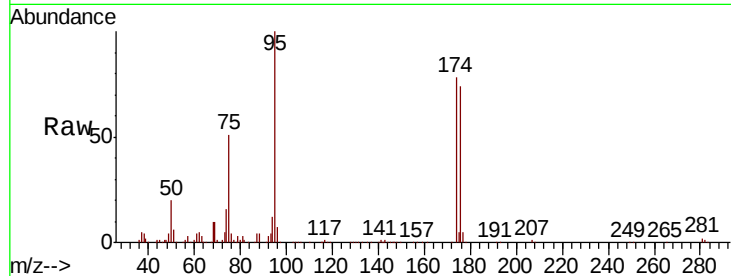




#81
trans-1,4-Dichloro-2-butene
Concen: 72.667 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 142159
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.2#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.070 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059152.D
Acq: 11 Nov 2019 11:56

Tgt Ion:128 Resp: 313
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#

