

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059817.D
 Acq On : 21 Jan 2020 18:44
 Operator : JC/MD
 Sample : L1214-04
 Misc : 4.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:49:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	283846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109804	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	101560	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	7.56	113	84100	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.08	98	328742	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	110526	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

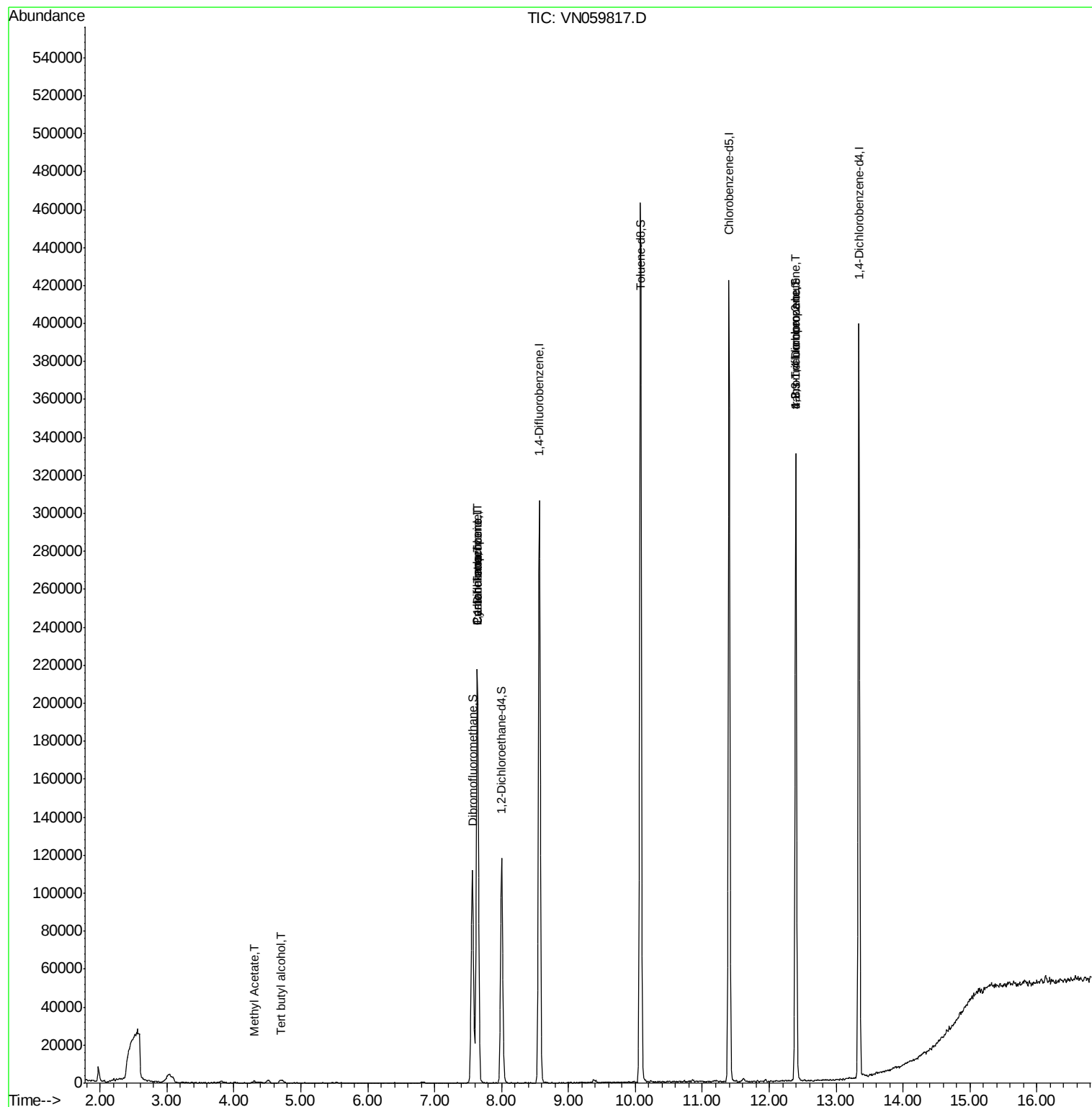
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	1696	4.847	ug/l #	72
16) Acetone	3.81	43	2297	Below Cal	#	45
18) Methyl Acetate	4.30	43	2545	1.048	ug/l #	73
20) Methylene Chloride	4.52	84	1300	Below Cal	#	82
31) Cyclohexane	7.64	56	3677	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13326	5.391	ug/l #	50
38) Carbon Tetrachloride	7.64	117	16964	6.309	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	56513	30.582	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	56513	65.676	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65	Below Cal	#	6

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012120\
Data File : VN059817.D
Acq On : 21 Jan 2020 18:44
Operator : JC/MD
Sample : L1214-04
Misc : 4.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 22 02:49:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059817.D

Acq: 21 Jan 2020 18:44

Instrument :

MSVOA_N

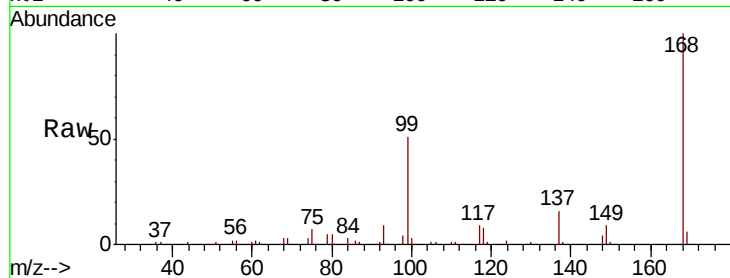
ClientSampled :

Tot Ion:168 Resp: 187174

Ion Ratio Lower Upper

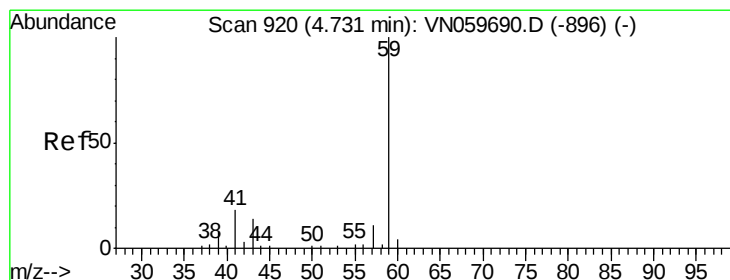
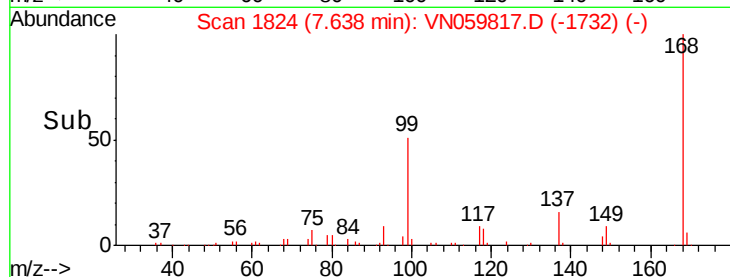
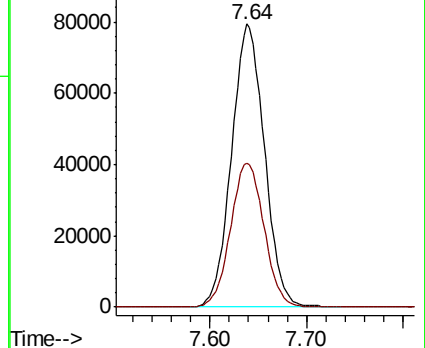
168 100

99 50.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 4.847 ug/l

RT: 4.71 min Scan# 912

Delta R.T. -0.03 min

Lab File: VN059817.D

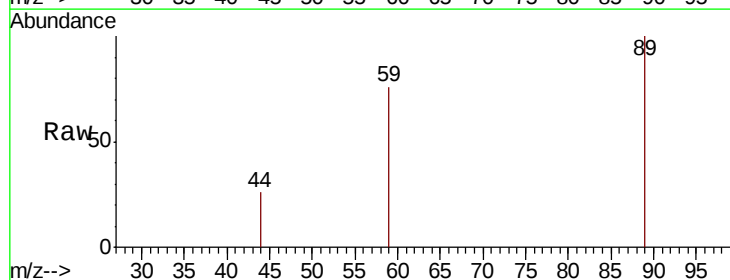
Acq: 21 Jan 2020 18:44

Tgt Ion: 59 Resp: 1696

Ion Ratio Lower Upper

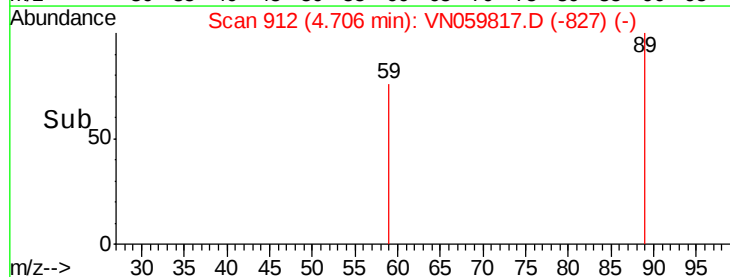
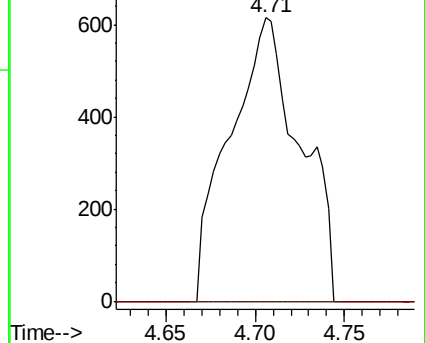
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

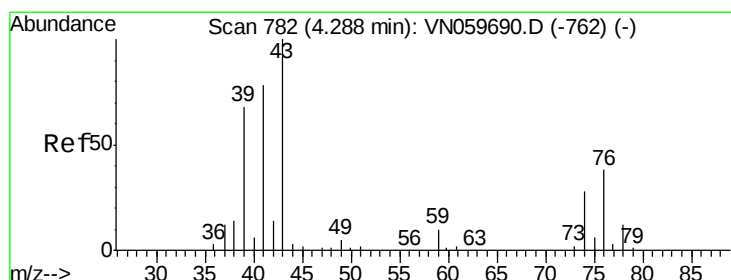
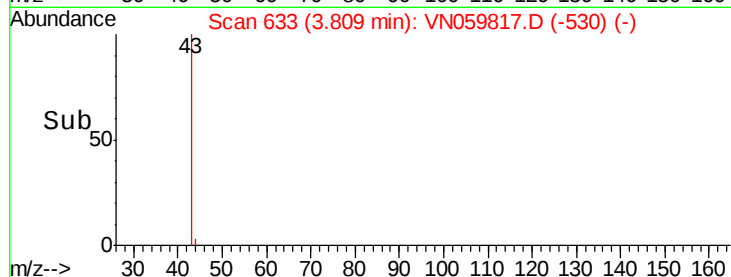
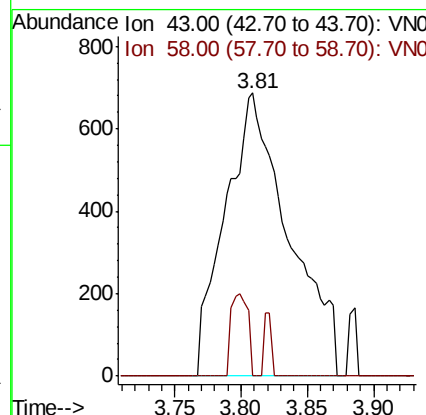
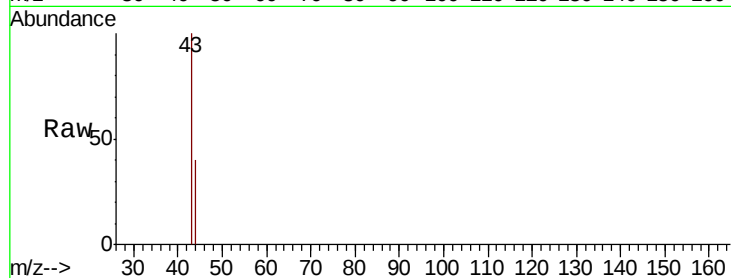




#16
Acetone
Concen: Below Cal
RT: 3.81 min Scan# 633
Delta R.T. 0.03 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

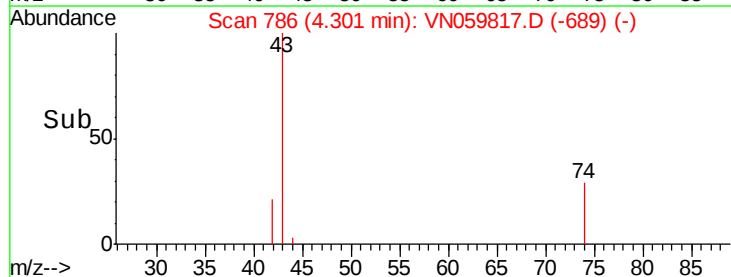
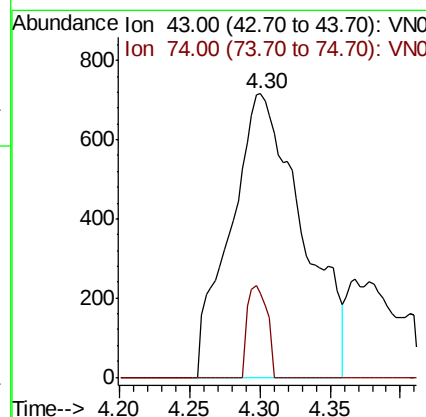
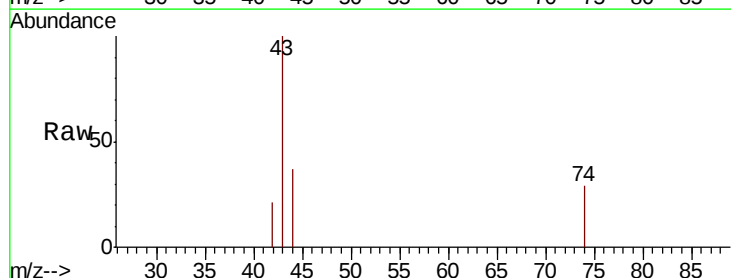
Instrument :
MSVOA_N
ClientSampleId :

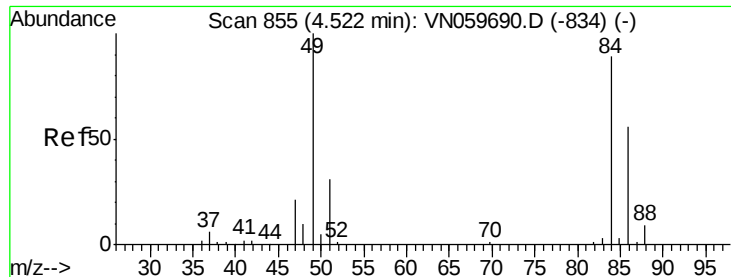
Tot Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
74 8.9 17.5 26.3#

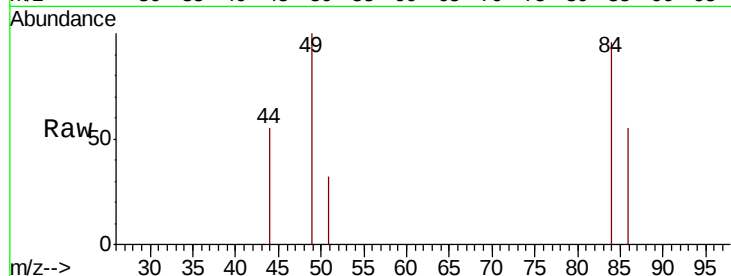




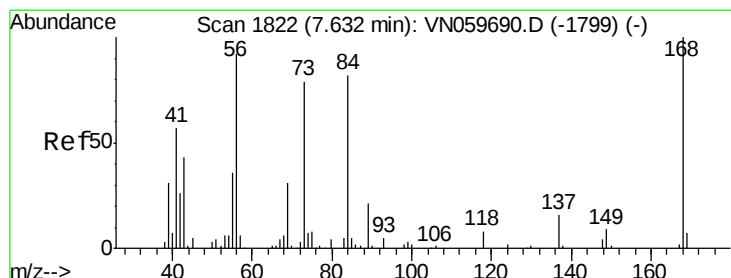
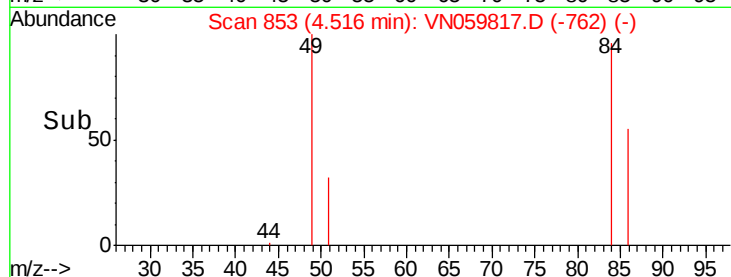
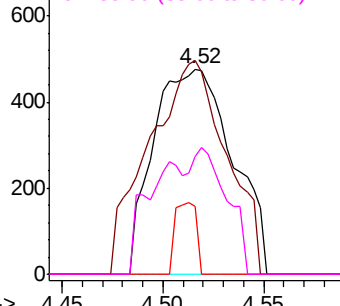
#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 1300
Ion Ratio Lower Upper
84 100
49 104.2 106.6 160.0#
51 33.4 31.9 47.9
86 57.4 50.8 76.2

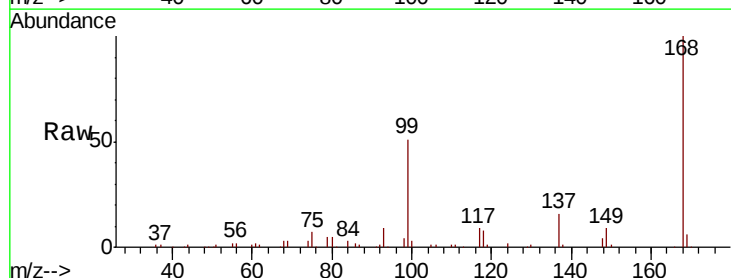


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

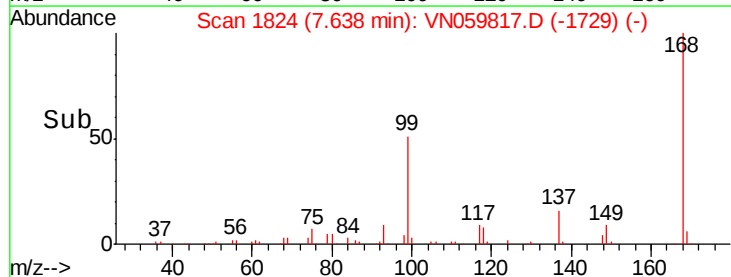
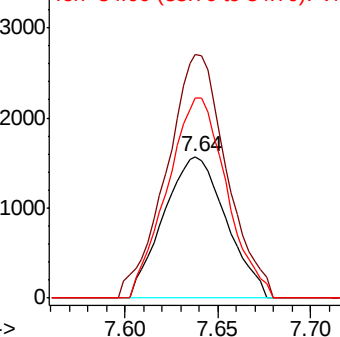


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Tgt Ion: 56 Resp: 3677
Ion Ratio Lower Upper
56 100
69 172.4 26.5 39.7#
84 141.4 65.3 97.9#



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

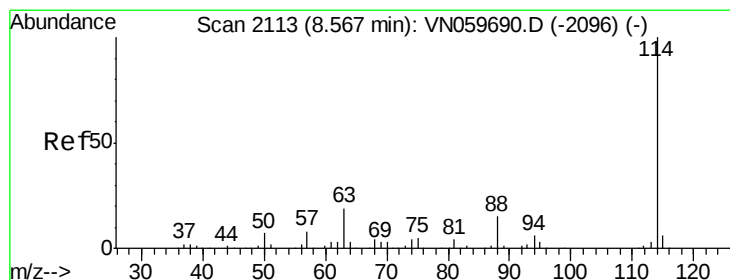
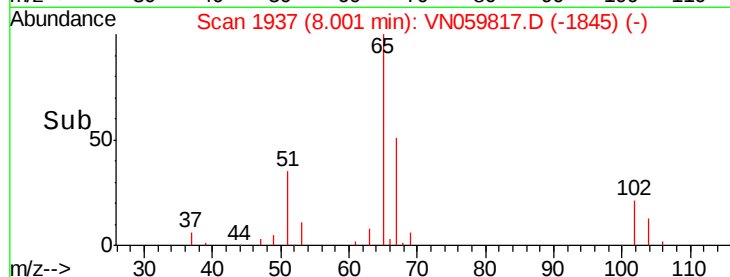
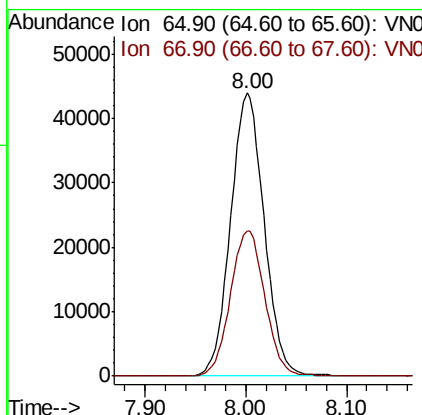
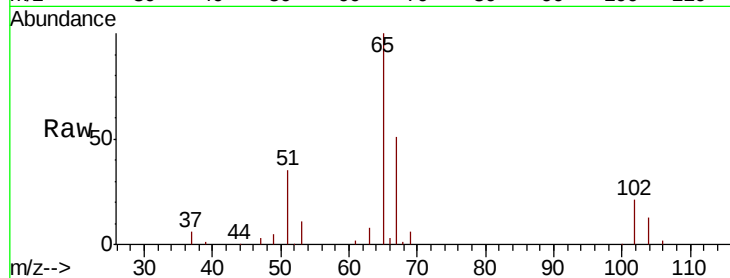




#33
 1,2-Dichloroethane-d4
 Concen: 48.859 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059817.D
 Acq: 21 Jan 2020 18:44

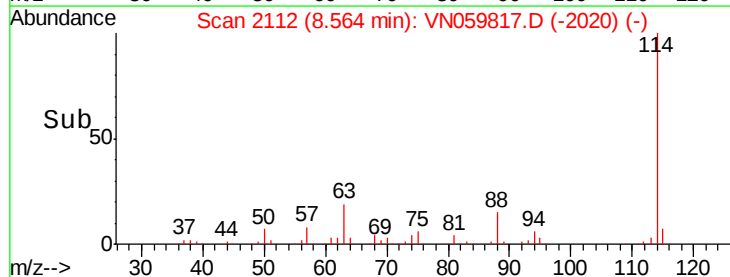
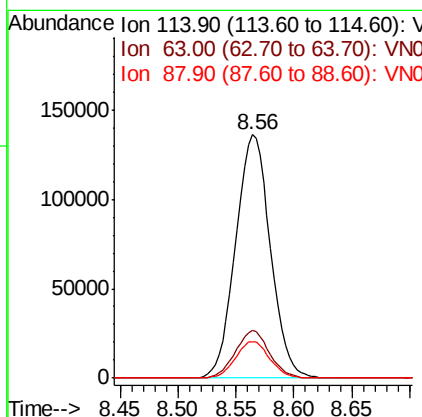
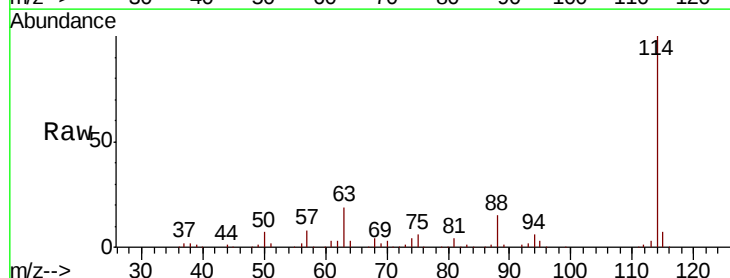
Instrument :
 MSVOA_N
 ClientSampleId :

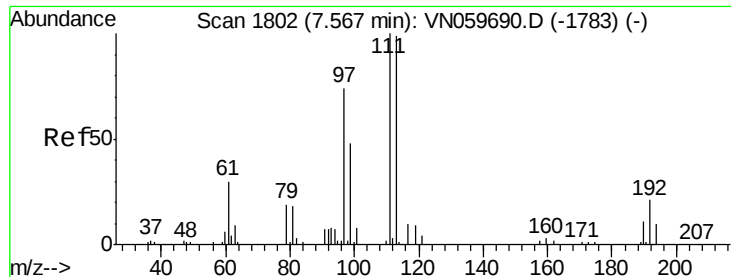
Tot Ion: 65 Resp: 101560
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059817.D
 Acq: 21 Jan 2020 18:44

Tgt Ion: 114 Resp: 283846
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.1 0.0 31.4

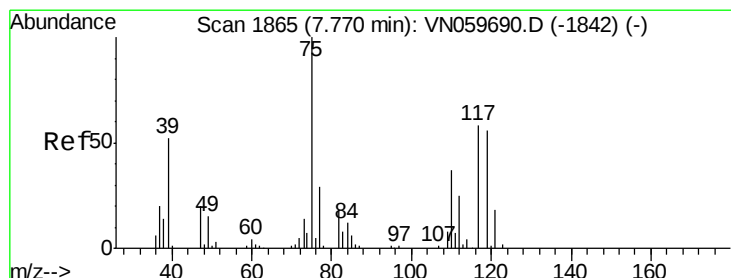
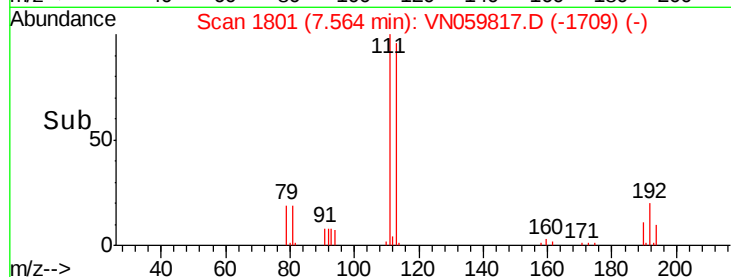
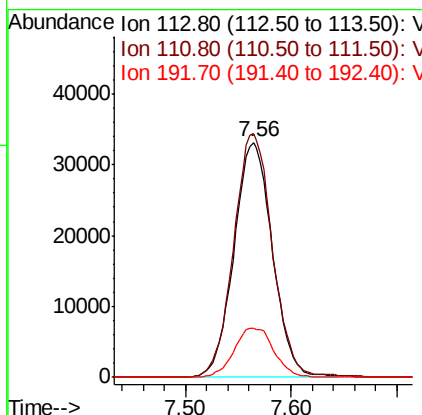
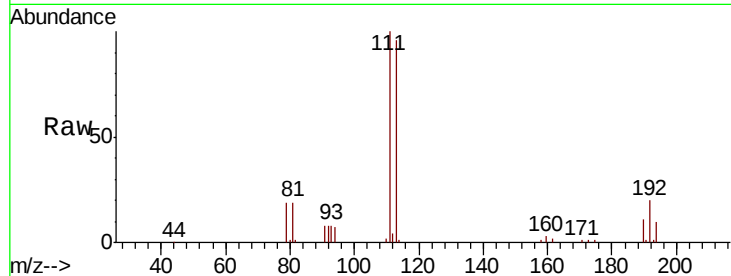




#35
 Dibromofluoromethane
 Concen: 49.684 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059817.D
 Acq: 21 Jan 2020 18:44

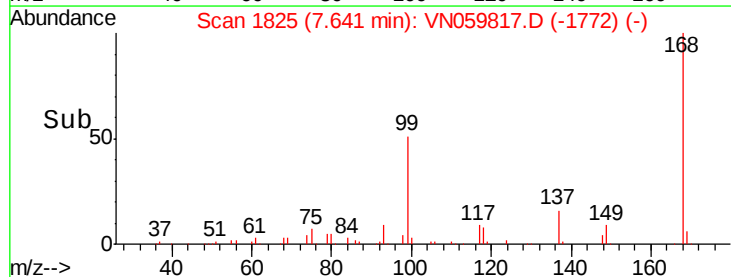
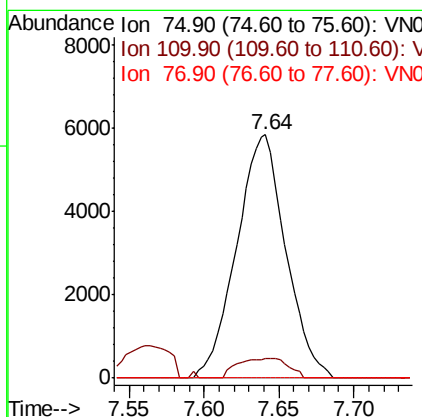
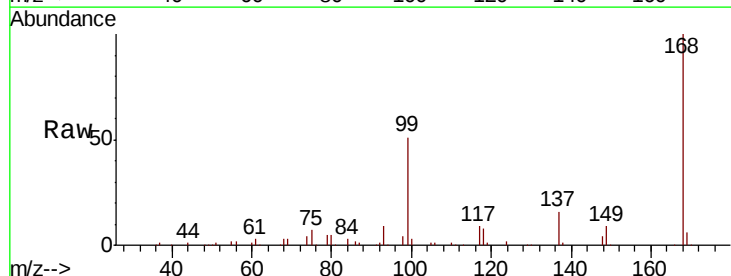
Instrument :
 MSVOA_N
 ClientSampleId :

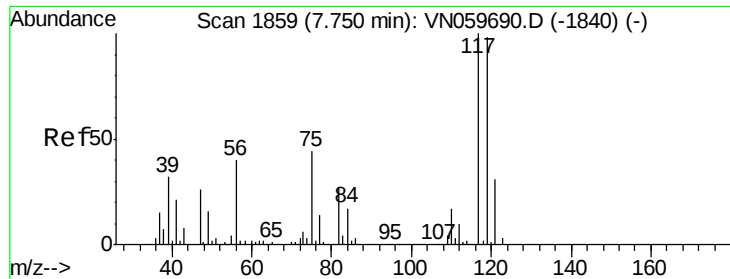
Tot Ion:113 Resp: 84100
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.5 125.3
 192 21.6 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.391 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059817.D
 Acq: 21 Jan 2020 18:44

Tgt Ion: 75 Resp: 13326
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.6 49.7#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.309 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059817.D

Acq: 21 Jan 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

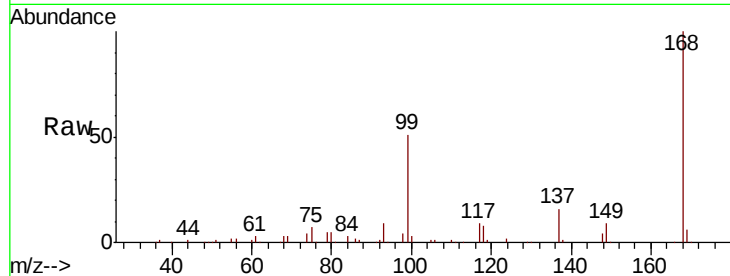
Tot Ion:117 Resp: 16964

Ion Ratio Lower Upper

117 100

119 5.3 76.5 114.7#

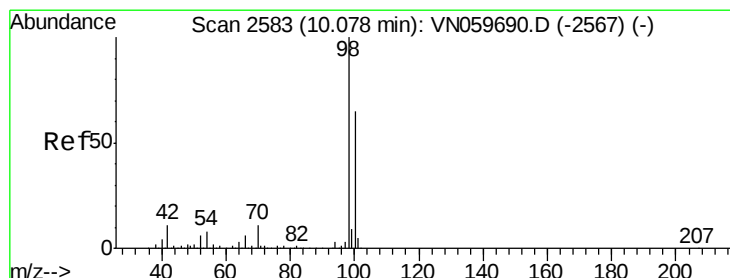
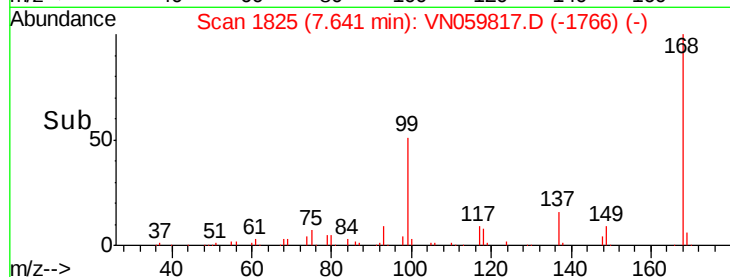
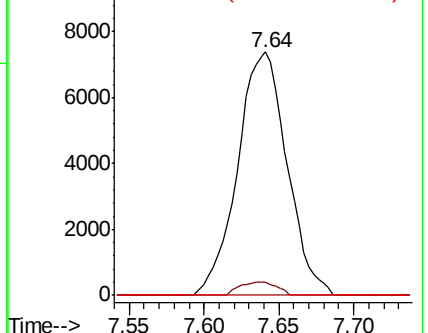
121 0.0 25.1 37.7#



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: 50.126 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059817.D

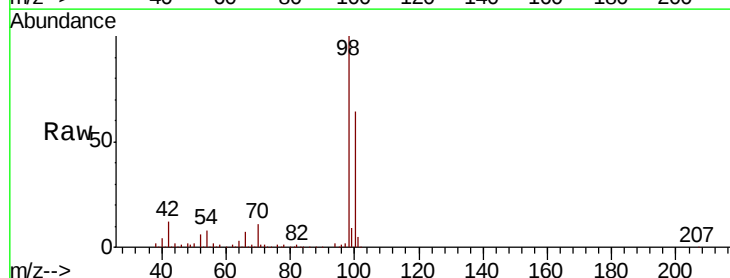
Acq: 21 Jan 2020 18:44

Tgt Ion: 98 Resp: 328742

Ion Ratio Lower Upper

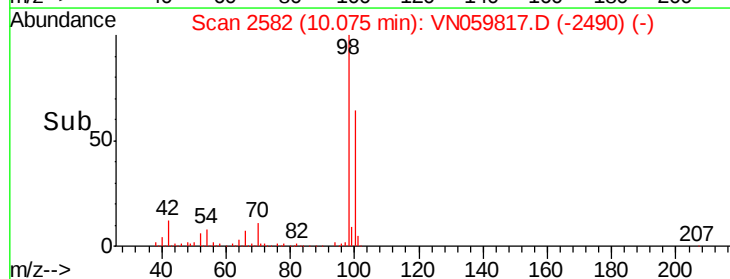
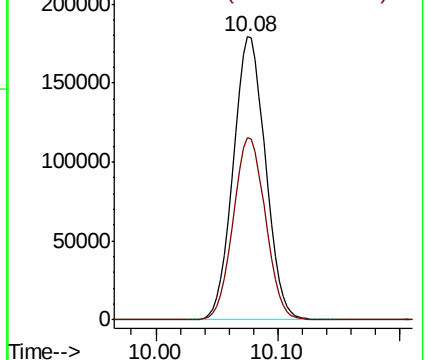
98 100

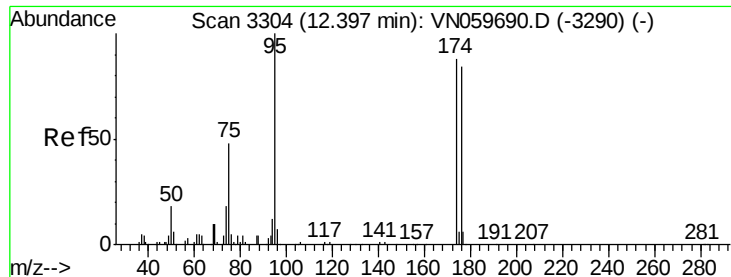
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

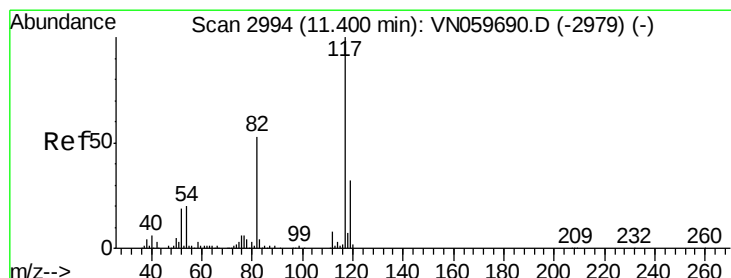
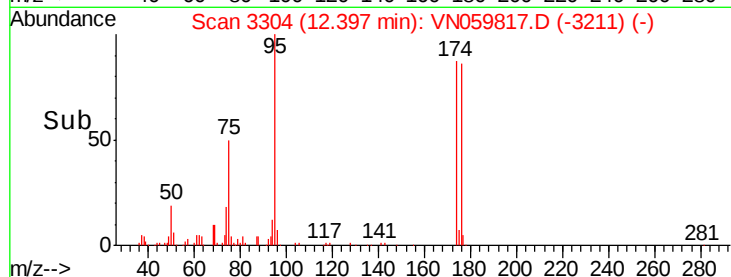
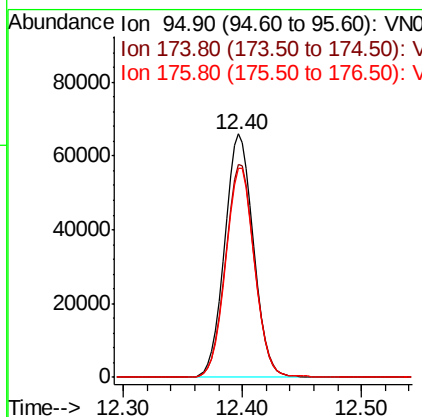
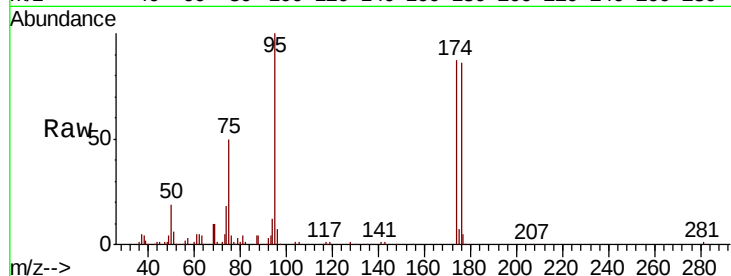




#62
4-Bromofluorobenzene
Concen: 46.748 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

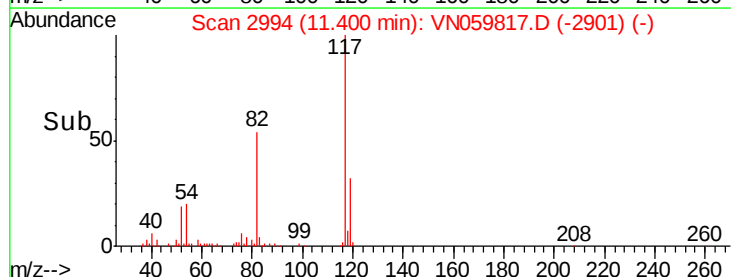
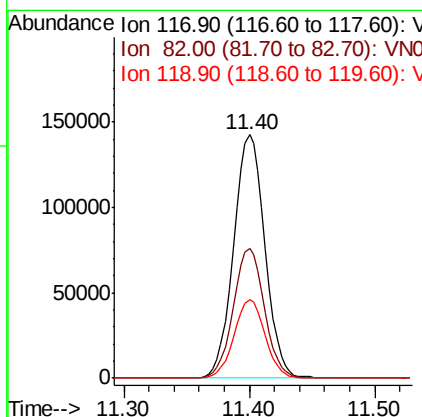
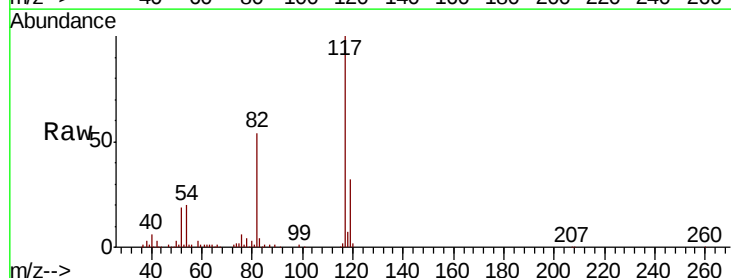
Instrument :
MSVOA_N
ClientSampled :

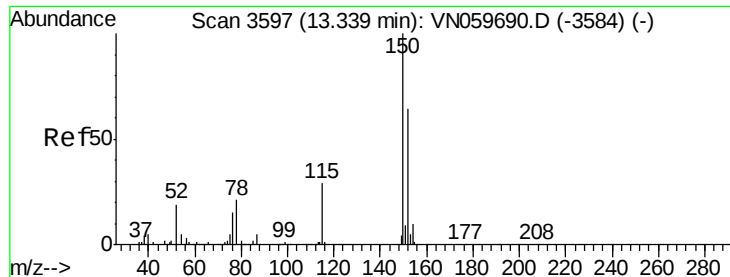
Tot Ion: 95 Resp: 110526
Ion Ratio Lower Upper
95 100
174 88.2 0.0 151.4
176 86.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Tgt Ion: 117 Resp: 246892
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.4 25.5 38.3



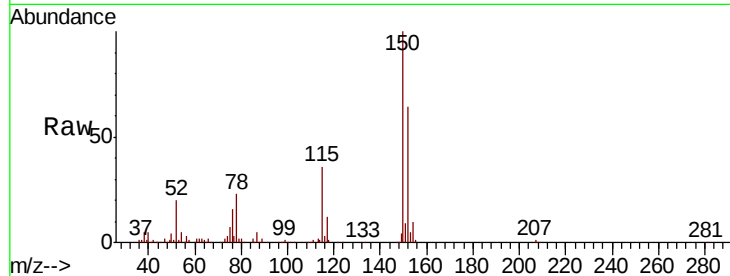


#72

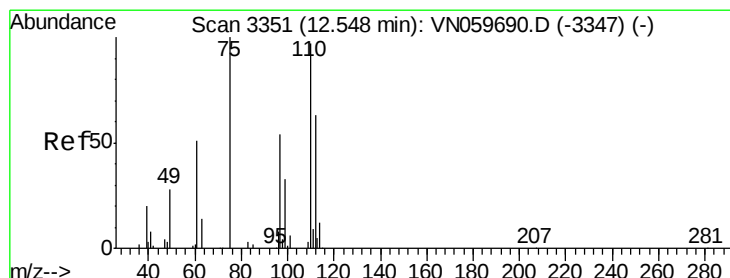
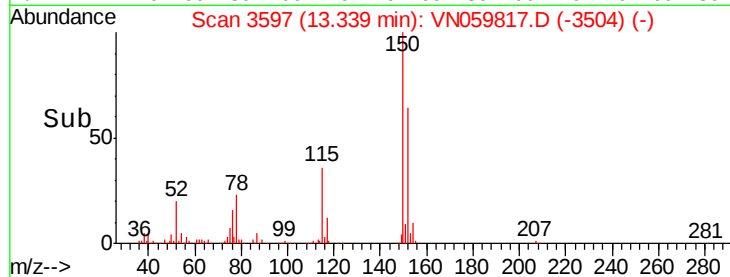
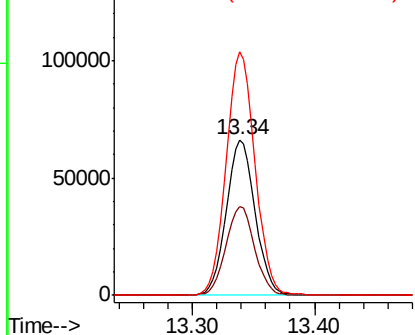
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	30.3	90.9
150	156.6	0.0	345.2



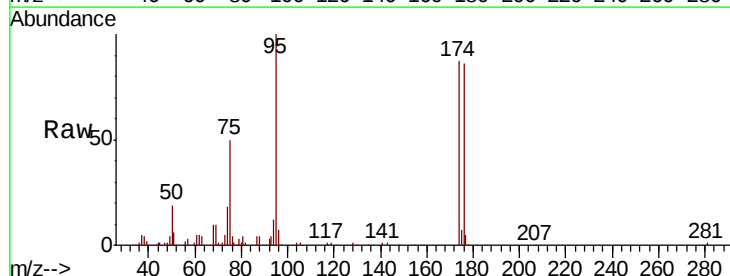
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



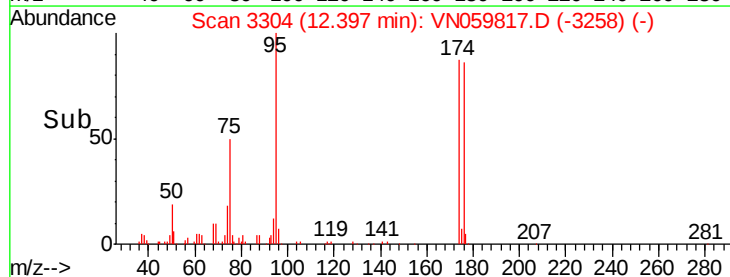
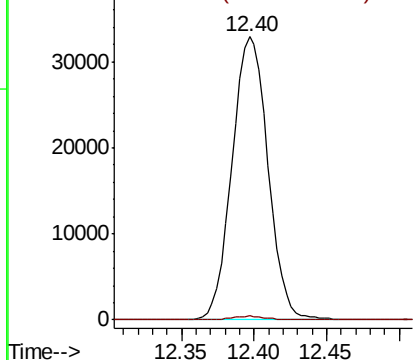
#76

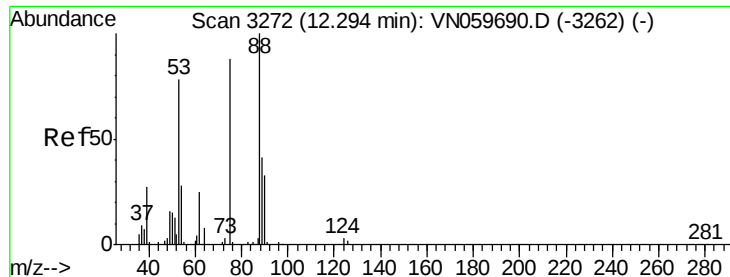
1,2,3-Trichloropropane
Concen: 30.582 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059817.D
Acq: 21 Jan 2020 18:44

Tgt 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





#81

trans-1,4-Dichloro-2-butene

Concen: 65.676 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059817.D

Acq: 21 Jan 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

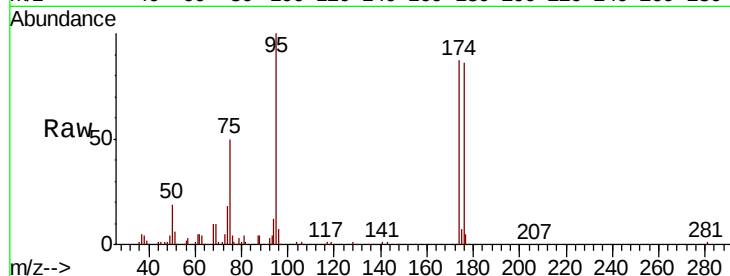
Tot Ion: 75 Resp: 56513

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

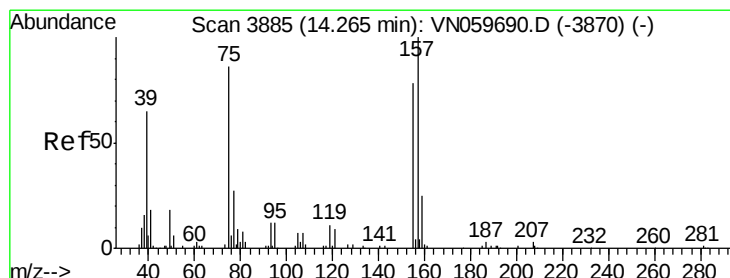
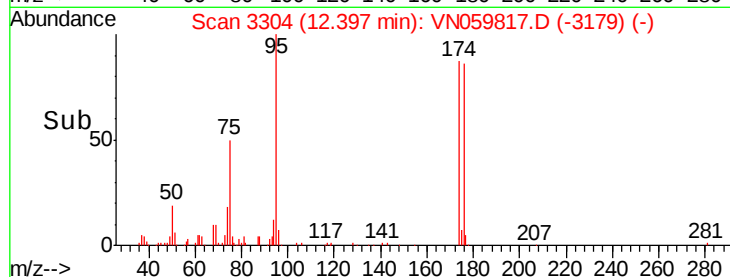
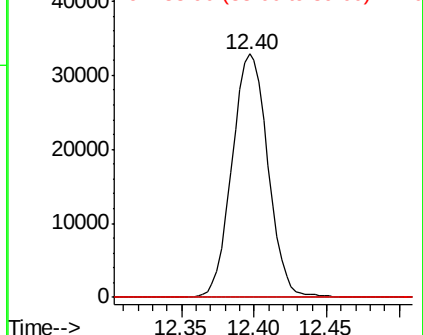
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059817.D

Acq: 21 Jan 2020 18:44

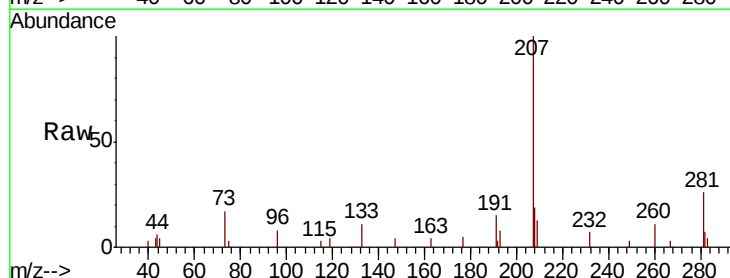
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

