

Data File : VN059940.D
Acq On : 31 Jan 2020 11:56
Operator : JC/MD
Sample : VN0131MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

Quant Time: Feb 03 01:18:29 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	197594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110372	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.57	113	90260	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.08	98	357773	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	120174	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

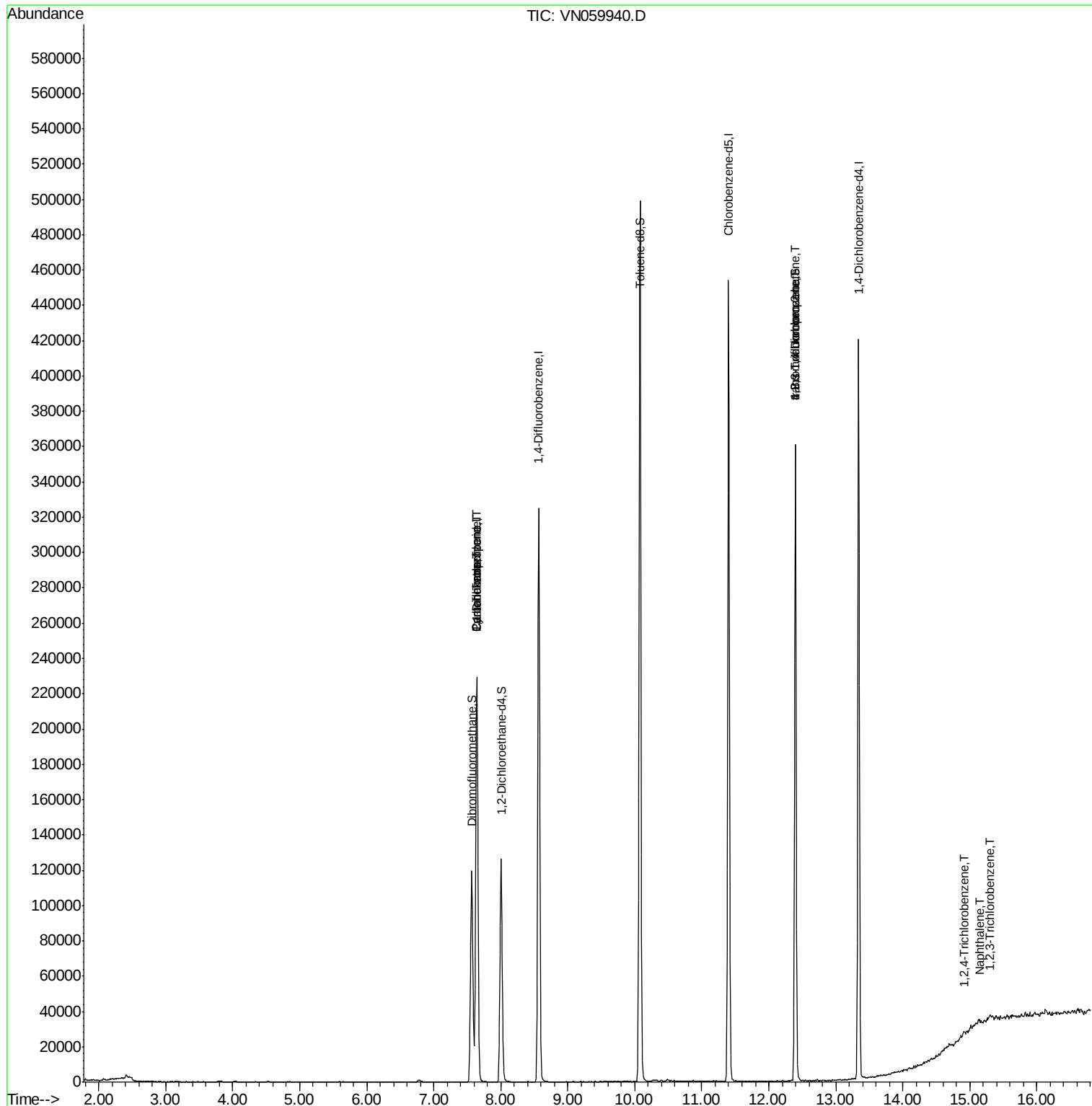
						Qvalue
16) Acetone	3.79	43	551	Below Cal		91
20) Methylene Chloride	4.52	84	94	Below Cal	#	52
31) Cyclohexane	7.64	56	3865	1.190	ug/l #	2
36) 1,1-Dichloropropene	7.64	75	13750	5.257	ug/l #	51
38) Carbon Tetrachloride	7.64	117	18267	6.420	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	62290	32.130	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	62290	68.999	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.38	75	66	Below Cal	#	6
93) 1,2,4-Trichlorobenzene	14.91	180	476	0.216	ug/l #	92
95) Naphthalene	15.13	128	1819	0.290	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.31	180	648	0.302	ug/l #	58

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

Data File : VN059940.D
Acq On : 31 Jan 2020 11:56
Operator : JC/MD
Sample : VN0131MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

Quant Time: Feb 03 01:18:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059940.D

Acq: 31 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

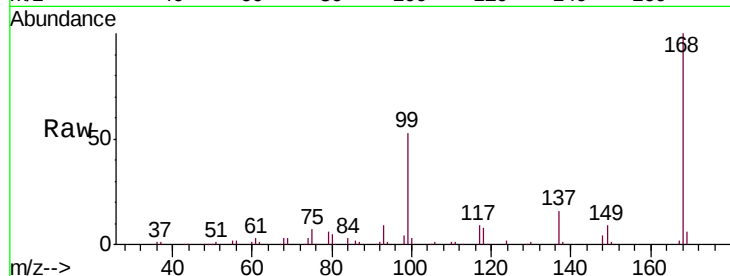
VN0131MBL01

Tgt Ion:168 Resp: 197594

Ion Ratio Lower Upper

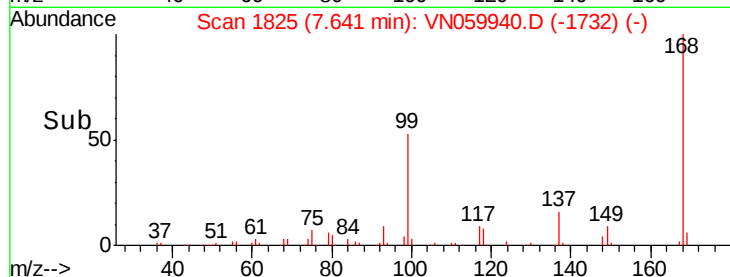
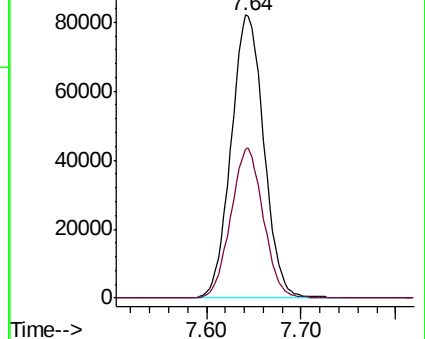
168 100

99 52.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059940.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059940.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN059940.D

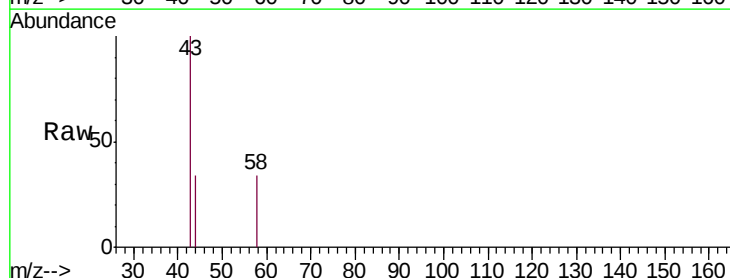
Acq: 31 Jan 2020 11:56

Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

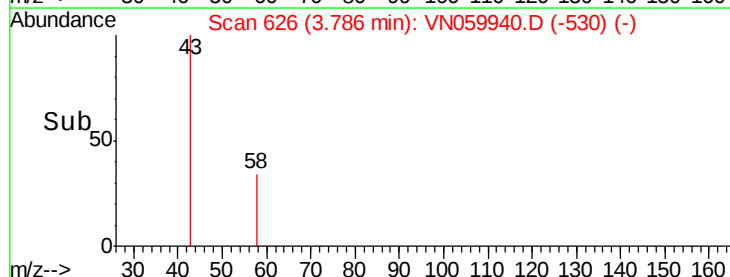
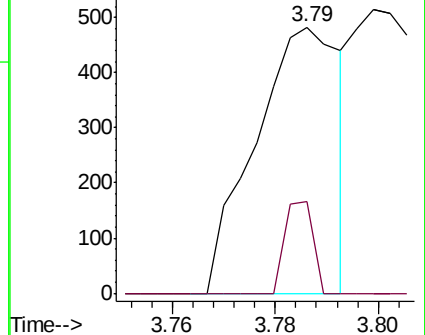
43 100

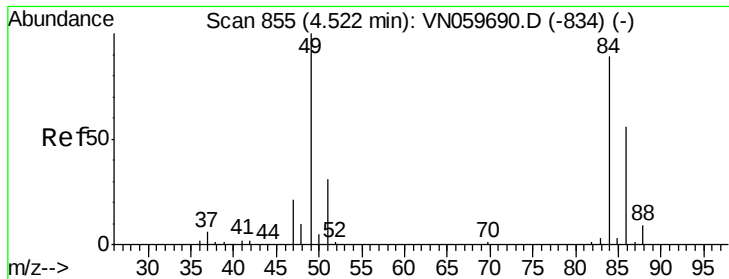
58 34.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059940.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059940.D (-530) (-)

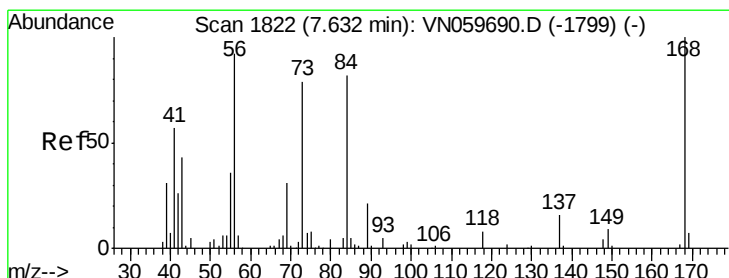
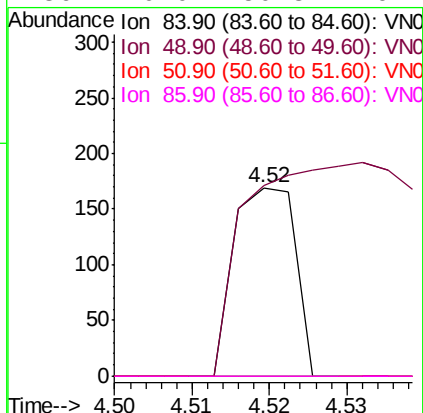
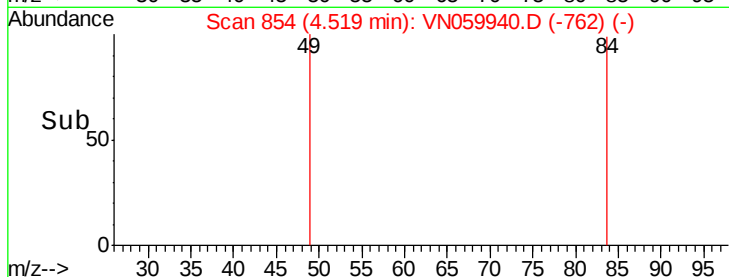
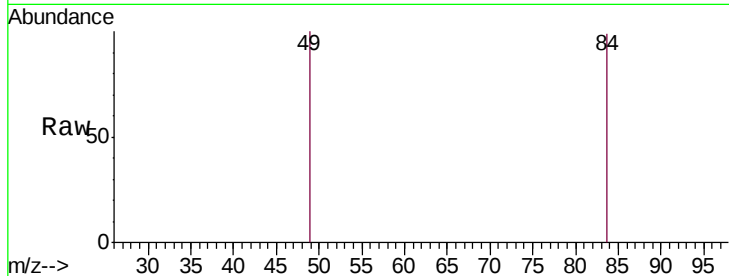




#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

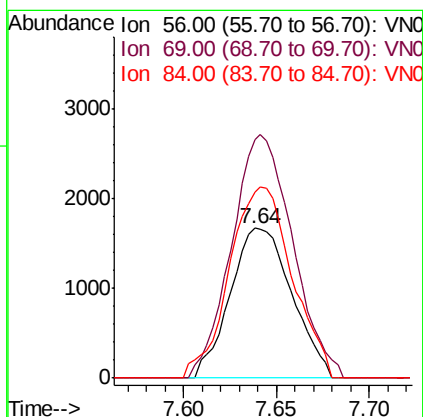
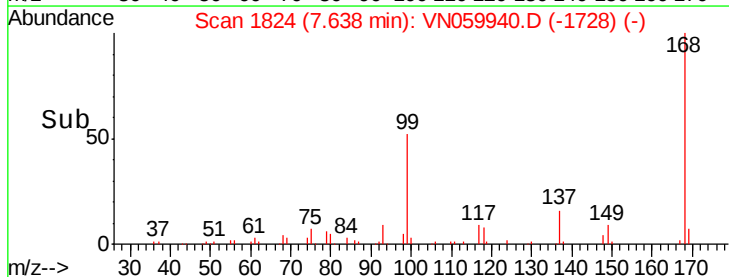
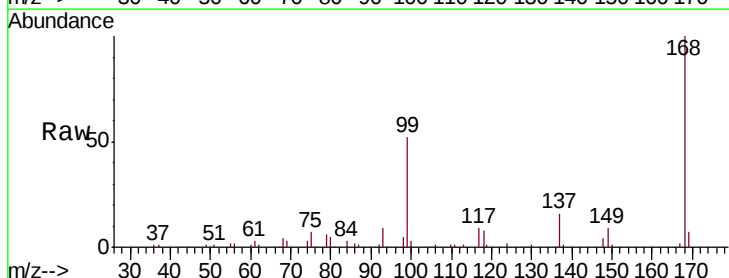
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

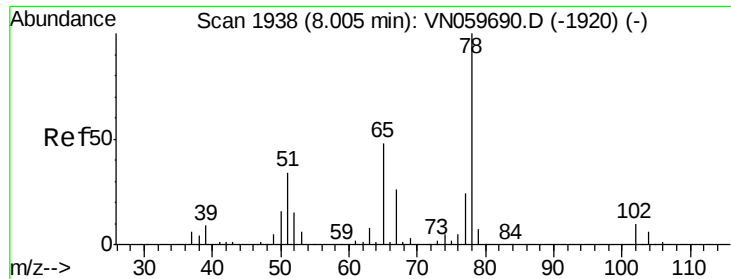
Tgt Ion: 84 Resp: 94
Ion Ratio Lower Upper
84 100
49 101.2 106.6 160.0#
51 0.0 31.9 47.9#
86 0.0 50.8 76.2#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
69 158.9 26.5 39.7#
84 123.8 65.3 97.9#

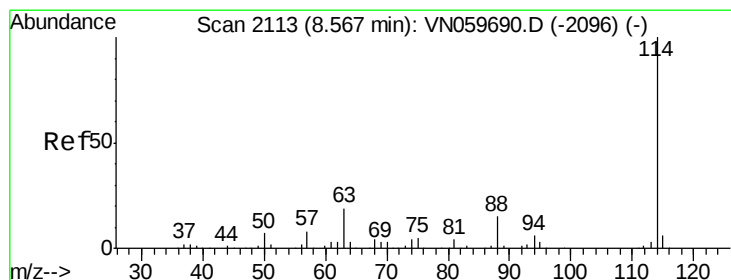
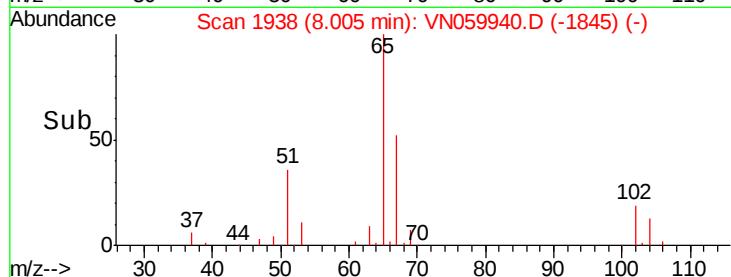
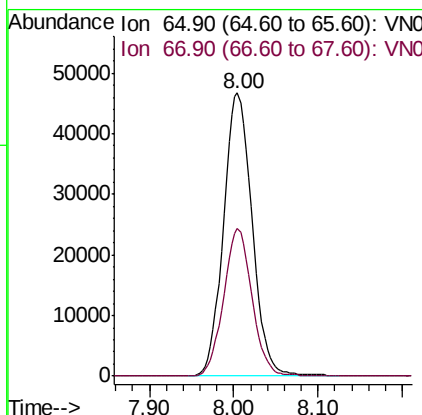
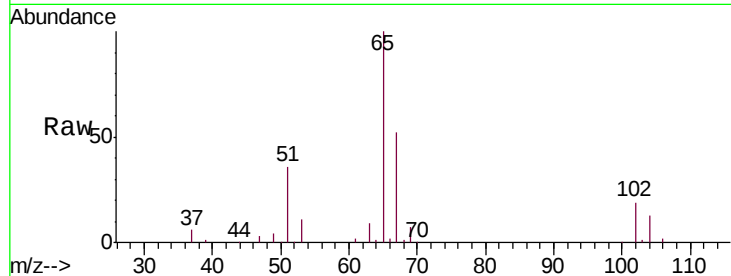




#33
 1,2-Dichloroethane-d4
 Concen: 50.299 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

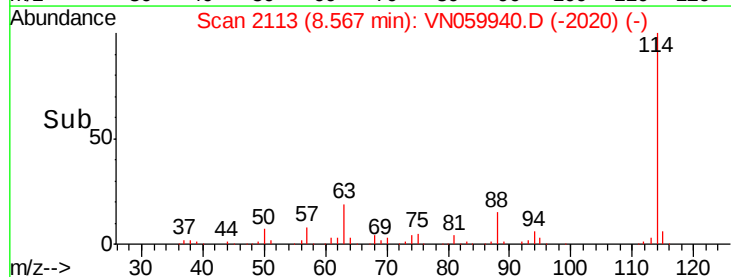
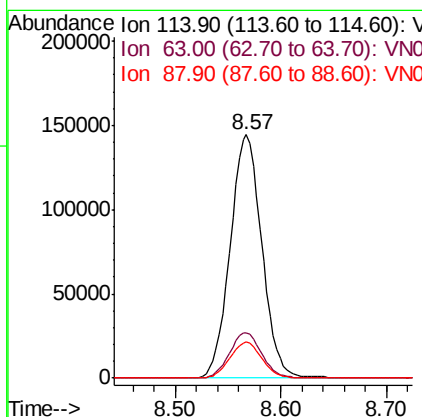
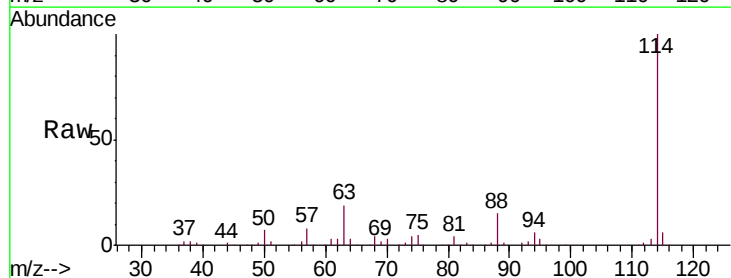
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

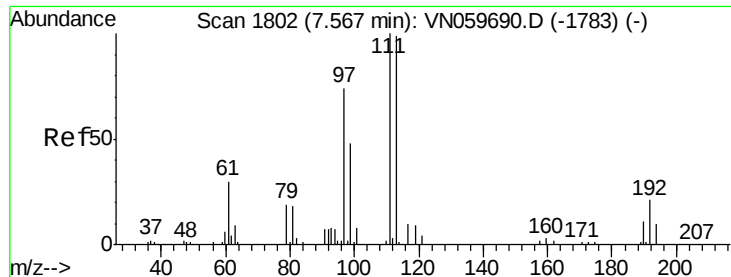
Tgt Ion: 65 Resp: 110372
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Tgt Ion: 114 Resp: 300368
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 14.9 0.0 31.4

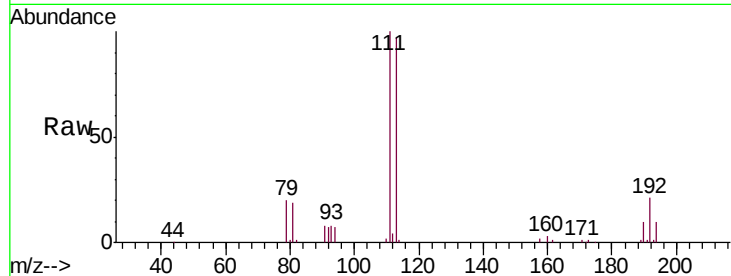




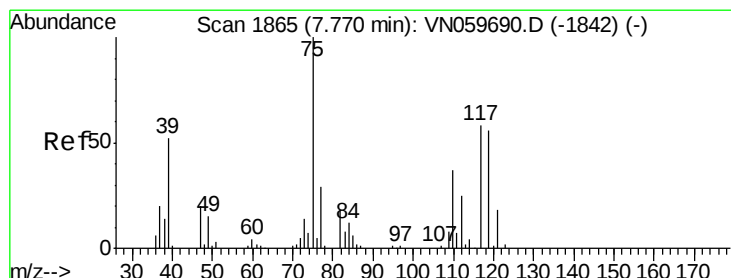
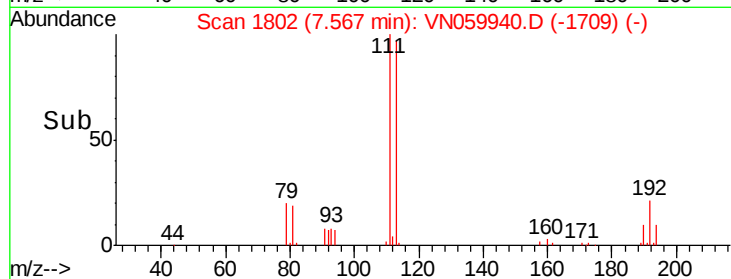
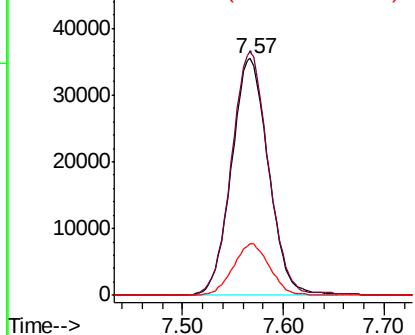
#35
 Dibromofluoromethane
 Concen: 50.390 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Tgt Ion:113 Resp: 90260
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.5 125.3
 192 21.5 15.4 23.2

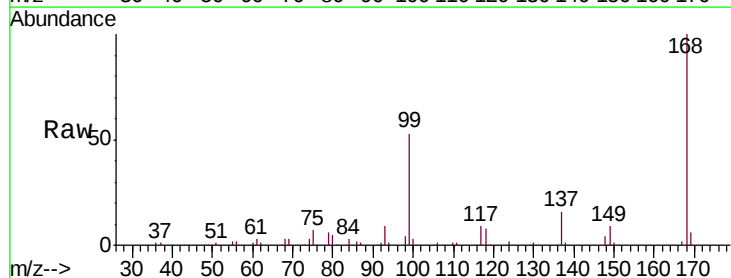


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

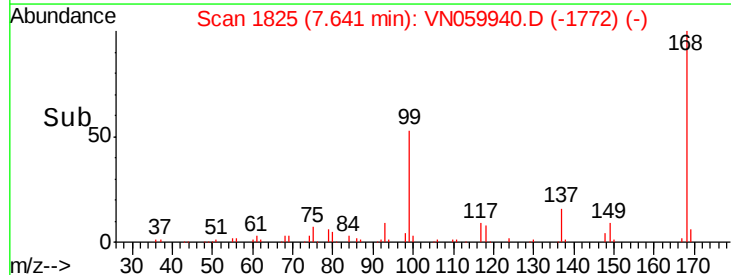
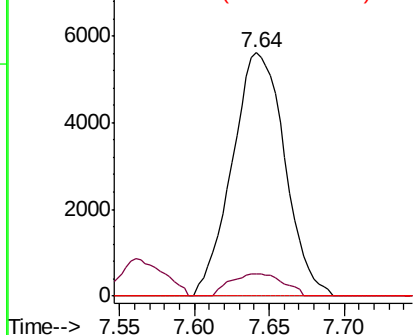


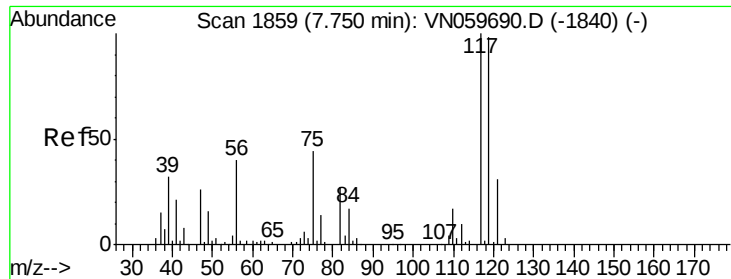
#36
 1,1-Dichloropropene
 Concen: 5.257 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Tgt Ion: 75 Resp: 13750
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 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

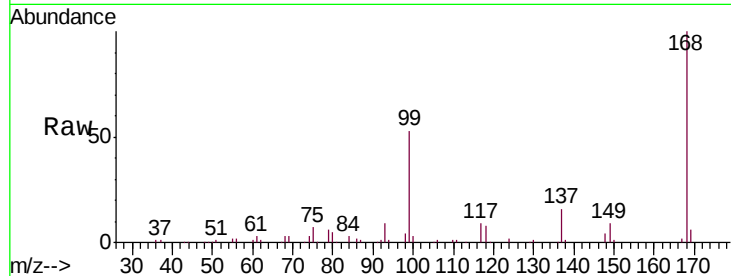




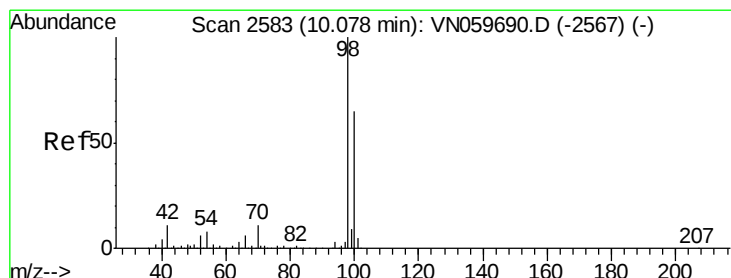
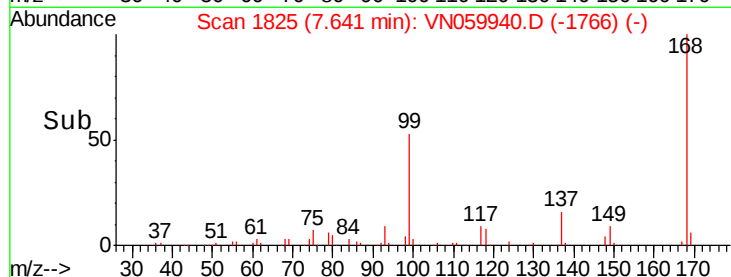
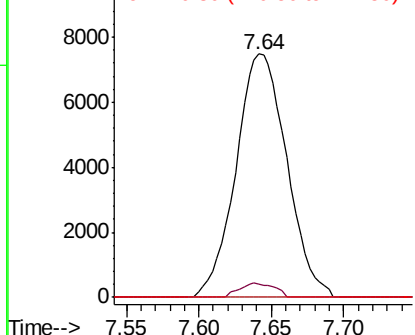
#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

Tgt Ion:117 Resp: 18267
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 25.1 37.7#

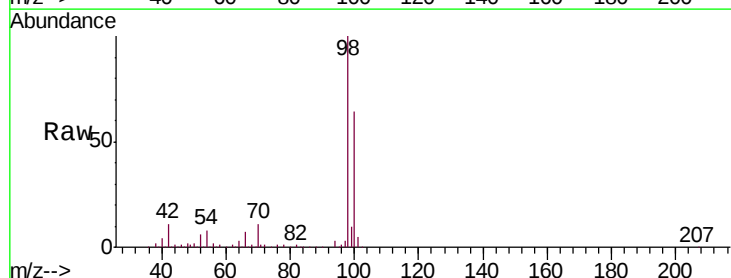


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

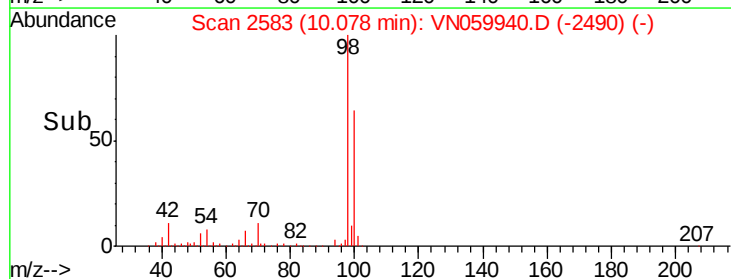
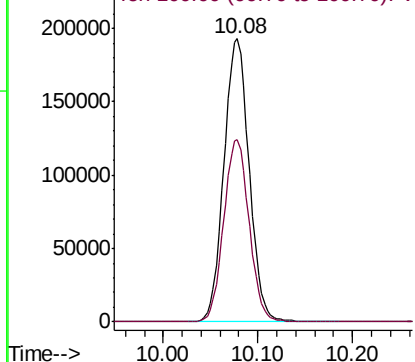


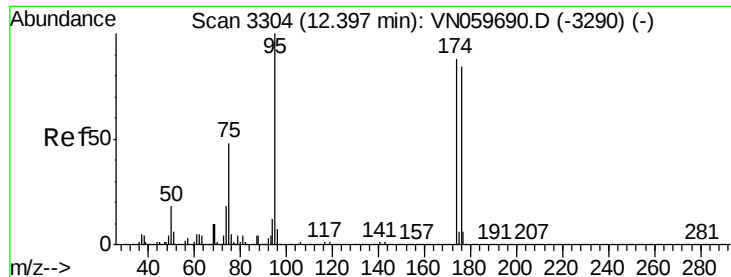
#50
Toluene-d8
Concen: 51.551 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

Tgt Ion: 98 Resp: 357773
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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

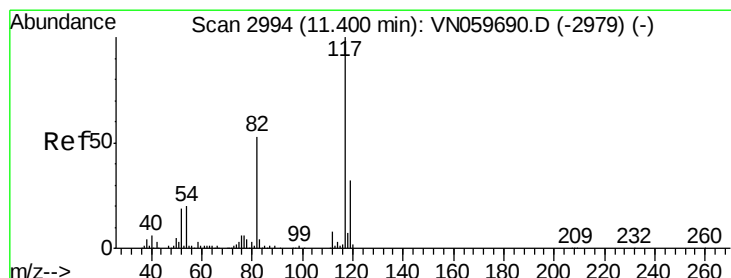
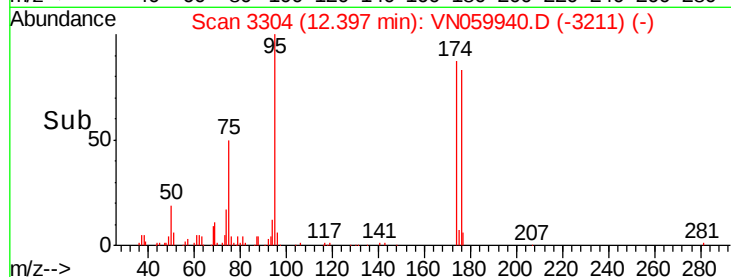
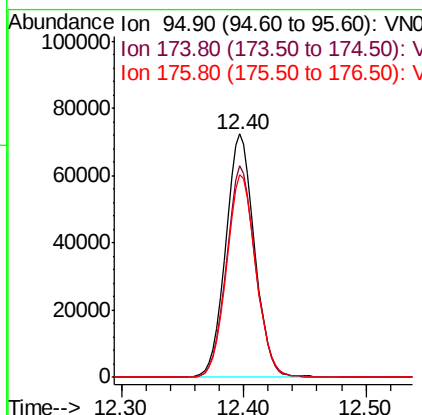
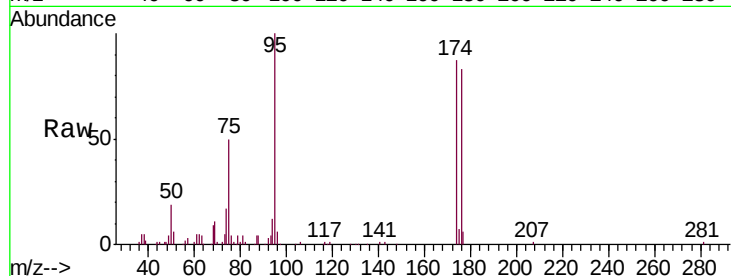




#62
4-Bromofluorobenzene
Concen: 48.033 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

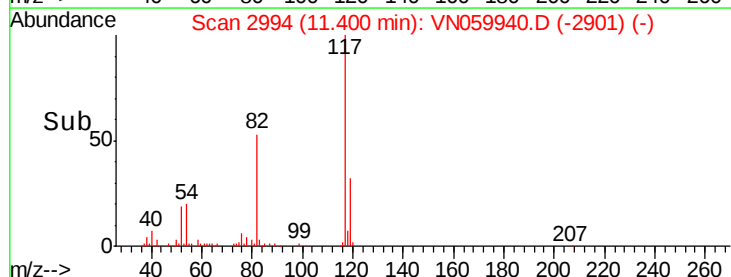
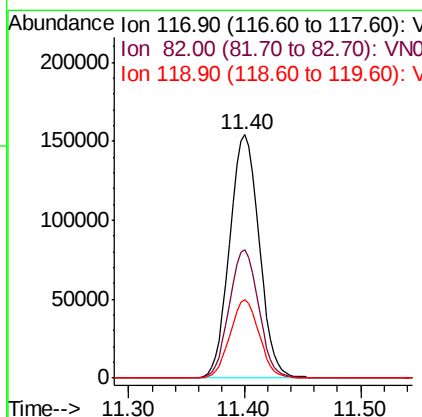
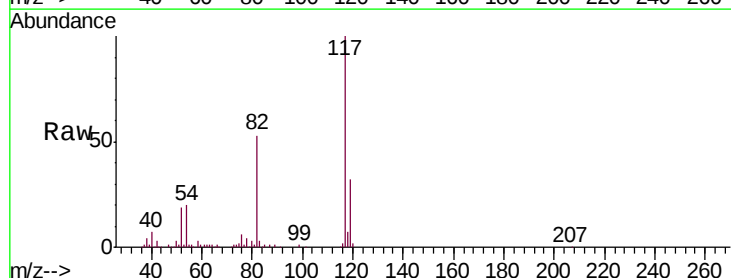
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

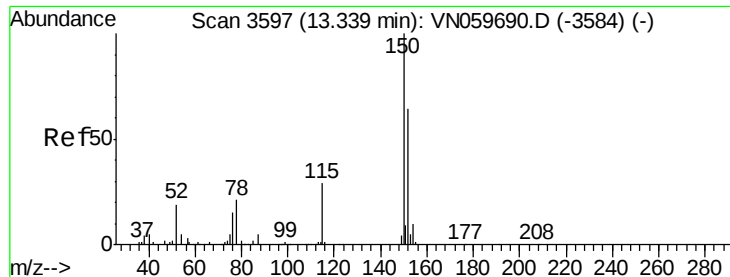
Tgt Ion: 95 Resp: 120174
Ion Ratio Lower Upper
95 100
174 87.1 0.0 151.4
176 84.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

Tgt Ion: 117 Resp: 271992
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 32.0 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: VN059940.D

Acq: 31 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

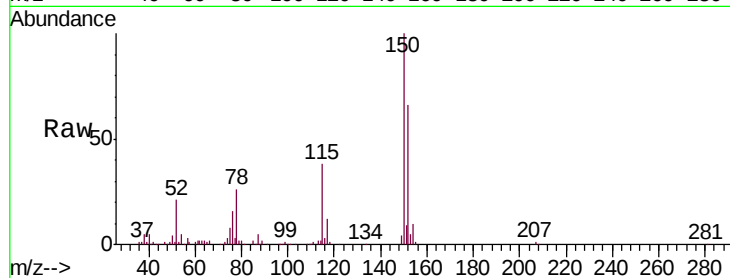
Tgt Ion:152 Resp: 115199

Ion Ratio Lower Upper

152 100

115 56.9 30.3 90.9

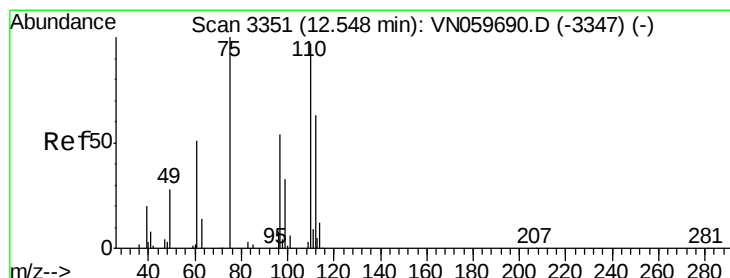
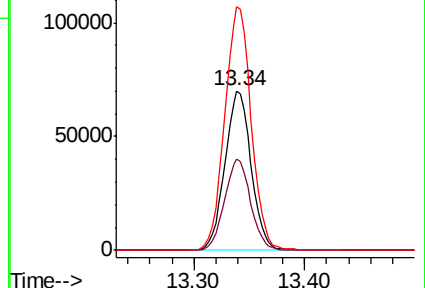
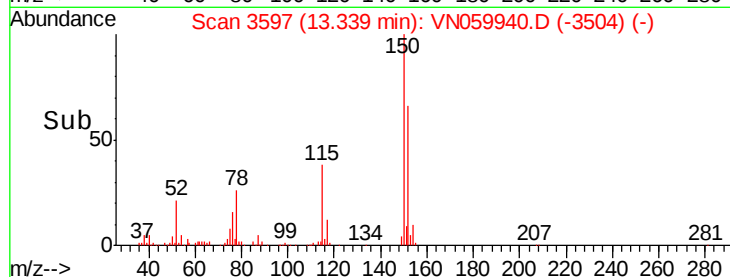
150 154.4 0.0 345.2



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: 32.130 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059940.D

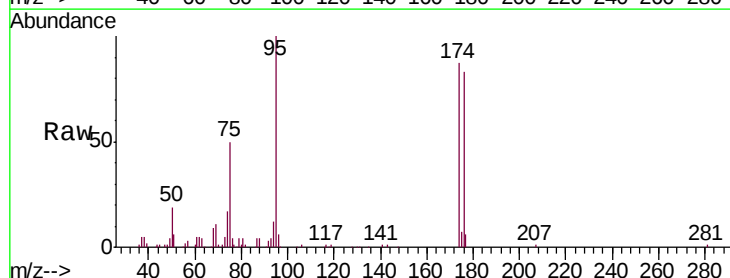
Acq: 31 Jan 2020 11:56

Tgt Ion: 75 Resp: 62290

Ion Ratio Lower Upper

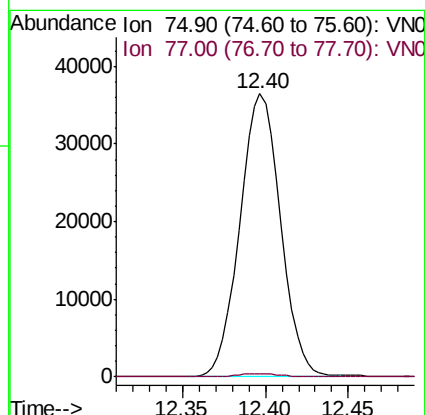
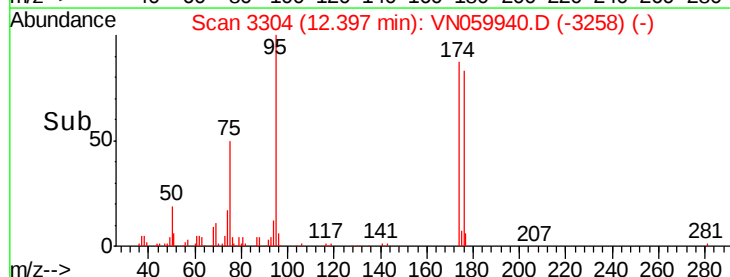
75 100

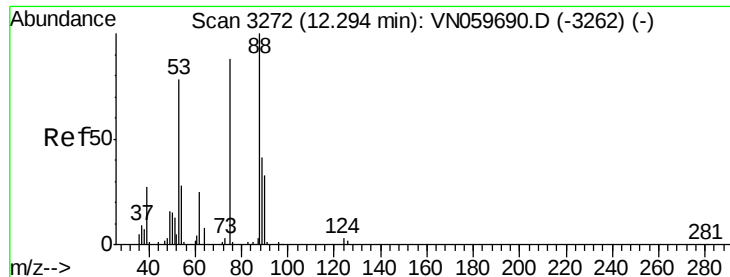
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

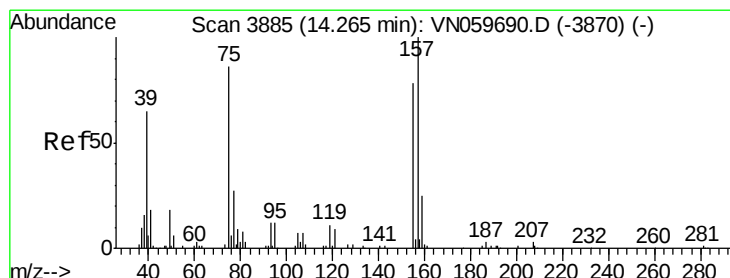
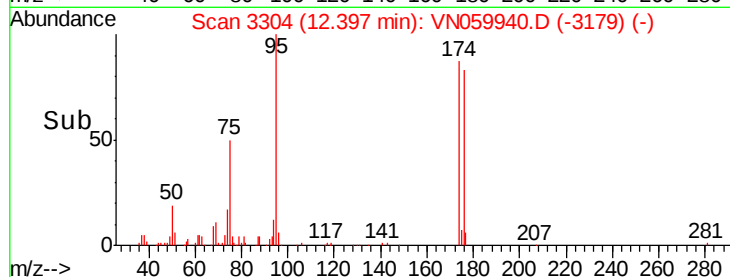
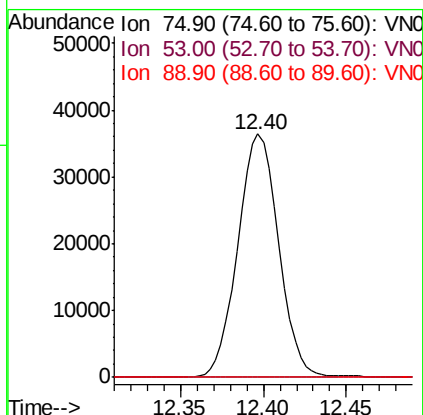
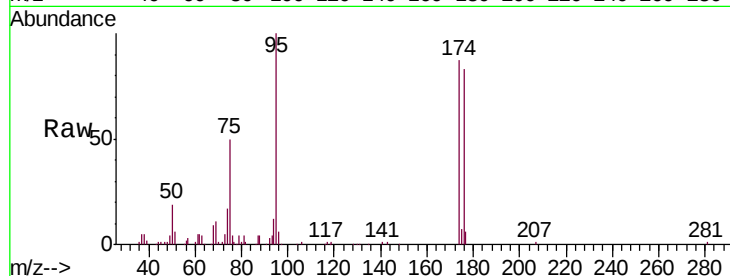




#81
trans-1,4-Dichloro-2-butene
Concen: 68.999 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

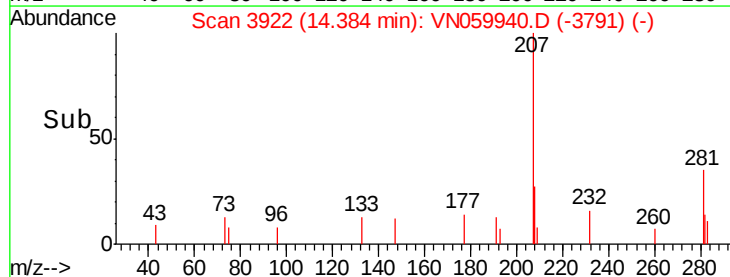
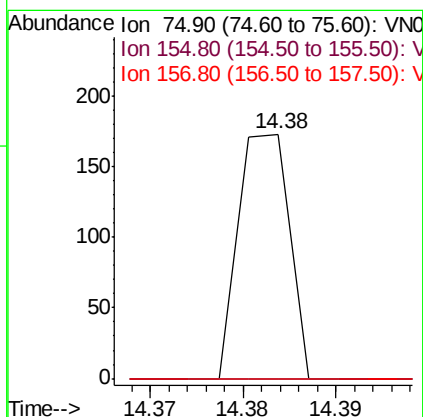
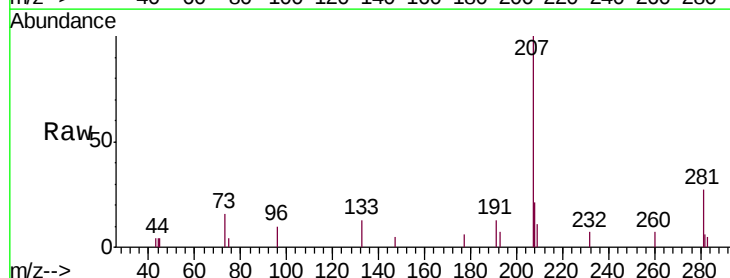
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

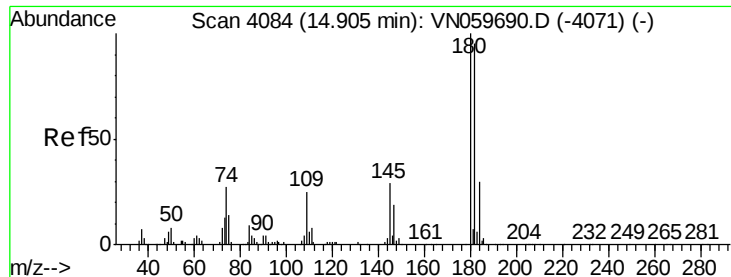
Tgt Ion: 75 Resp: 62290
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.38 min Scan# 3922
Delta R.T. 0.12 min
Lab File: VN059940.D
Acq: 31 Jan 2020 11:56

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

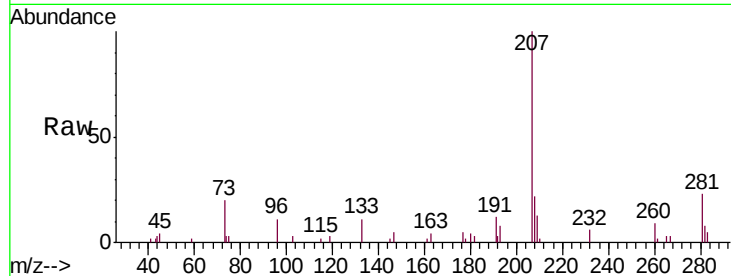




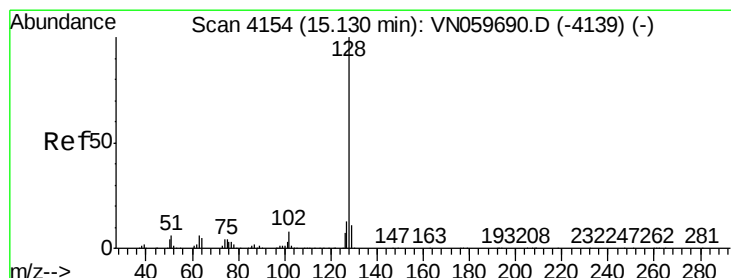
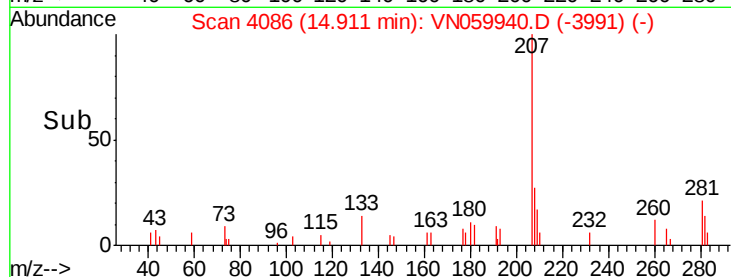
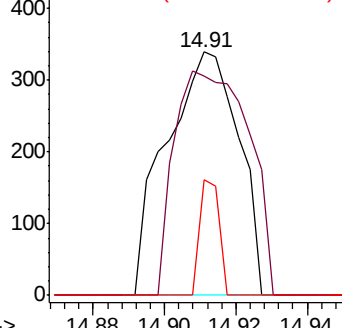
#93
 1,2,4-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Tgt Ion:180 Resp: 476
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.7
 145 12.6 15.0 45.1#

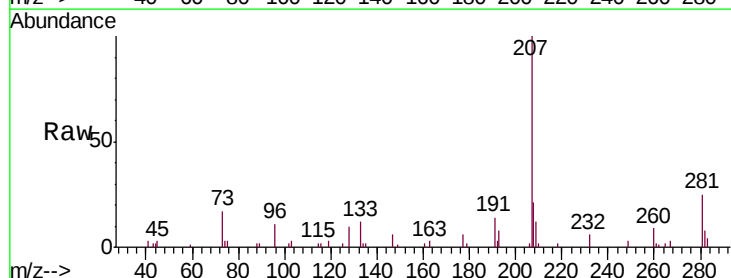


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

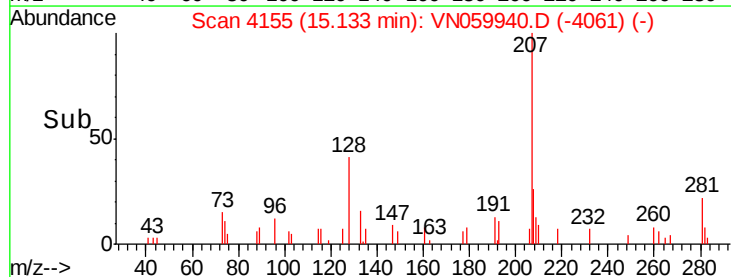
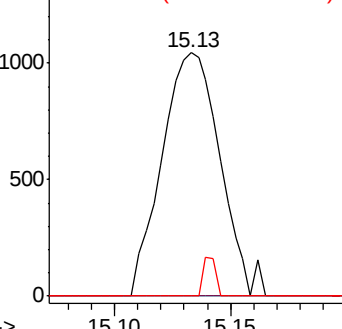


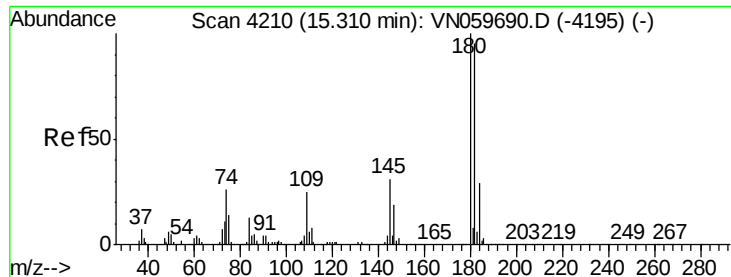
#95
 Naphthalene
 Concen: 0.290 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Tgt Ion:128 Resp: 1819
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 3.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.302 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.00 min
 Lab File: VN059940.D
 Acq: 31 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	52.6	47.4	142.3
145	11.0	16.3	48.9

