

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058710.D
 Acq On : 11 Oct 2019 18:33
 Operator : JC/SP
 Sample : K5349-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 00:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	410351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	643954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	292580	50.93	ug/l	0.00
Spiked Amount						
			Recovery	=	101.86%	
35) Dibromofluoromethane	7.57	113	206616	51.95	ug/l	0.00
Spiked Amount						
			Recovery	=	103.90%	
50) Toluene-d8	10.08	98	809202	50.87	ug/l	0.00
Spiked Amount						
			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.41	95	263902	43.83	ug/l	0.00
Spiked Amount						
			Recovery	=	87.66%	

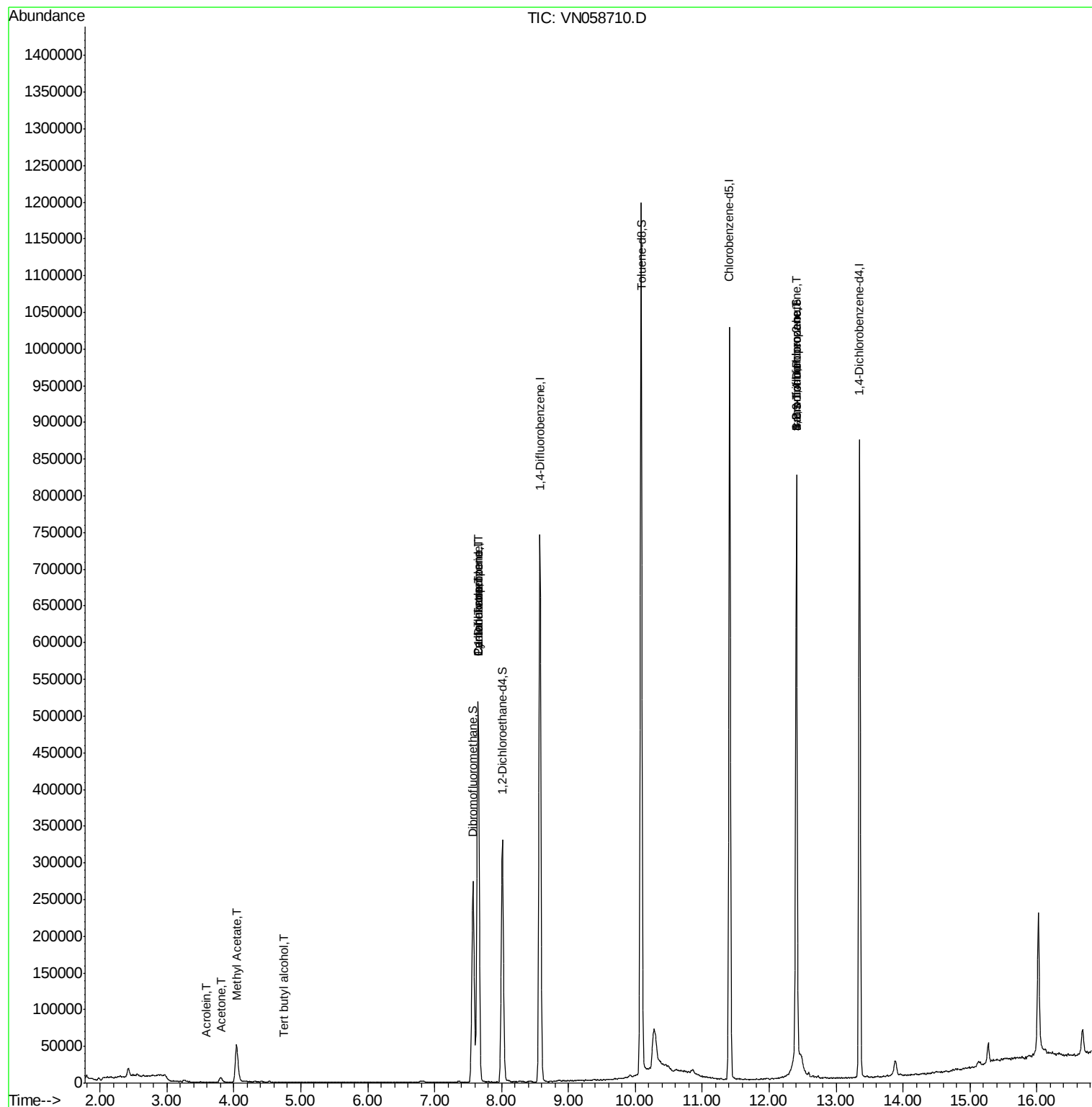
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	479	0.515	ug/l #	72
13) Acrolein	3.59	56	161	0.215	ug/l #	14
16) Acetone	3.80	43	11896	5.002	ug/l	100
18) Methyl Acetate	4.04	43	18557	3.076	ug/l #	54
31) Cyclohexane	7.65	56	9405	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	35098	5.391	ug/l #	46
38) Carbon Tetrachloride	7.65	117	41215	6.495	ug/l #	17
71) Bromoform	12.41	173	1691	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	140951	28.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	140951	77.547	ug/l #	11

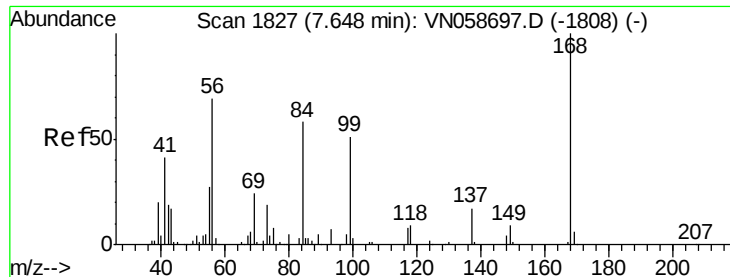
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058710.D

Acq: 11 Oct 2019 18:33

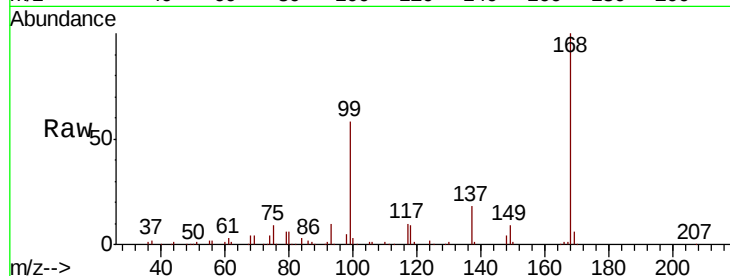
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 410351

Ion Ratio Lower Upper

168 100

99 58.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

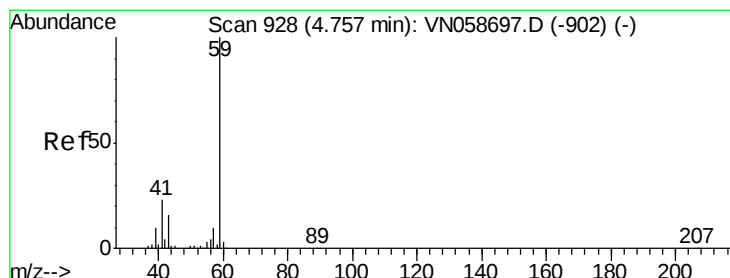
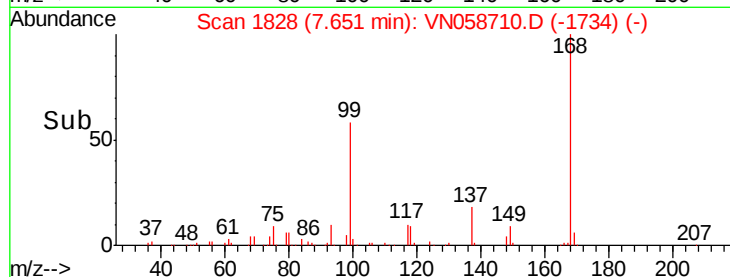
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.515 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN058710.D

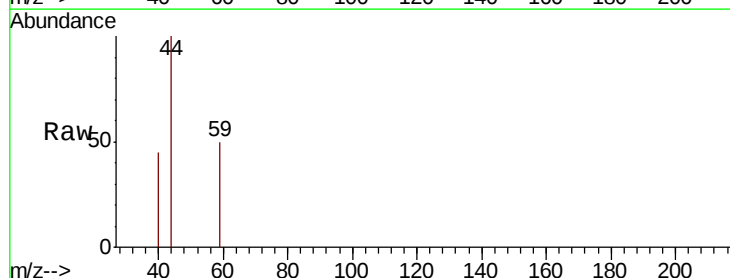
Acq: 11 Oct 2019 18:33

Tgt Ion: 59 Resp: 479

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

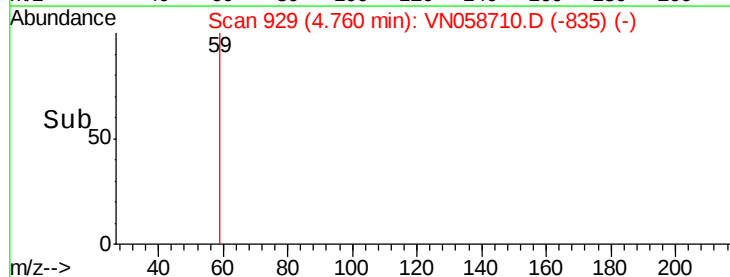
300

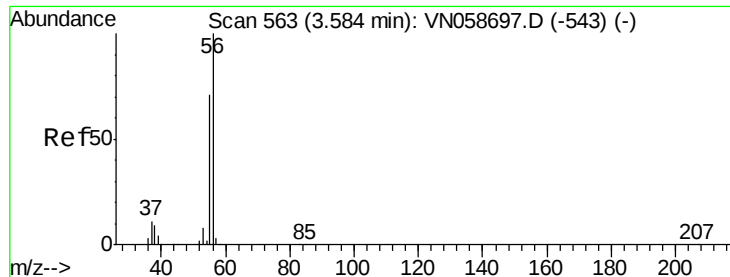
200

100

0

Time-->





#13

Acrolein

Concen: 0.215 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.01 min

Lab File: VN058710.D

Acq: 11 Oct 2019 18:33

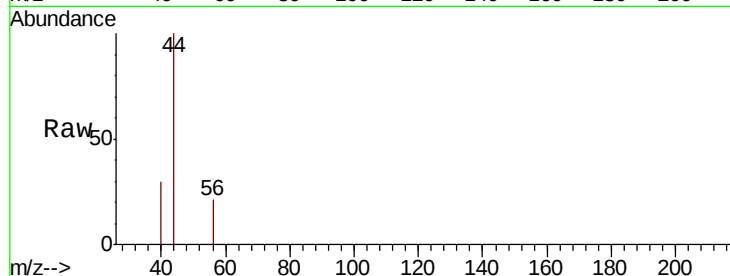
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 161

Ion Ratio Lower Upper

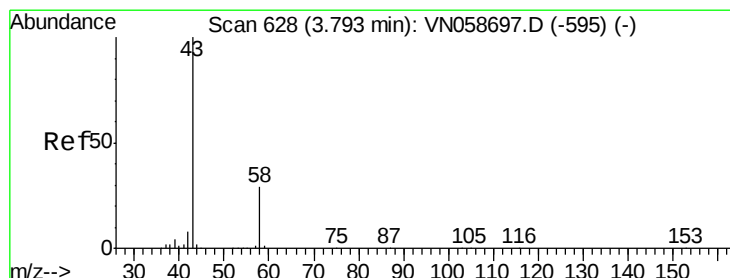
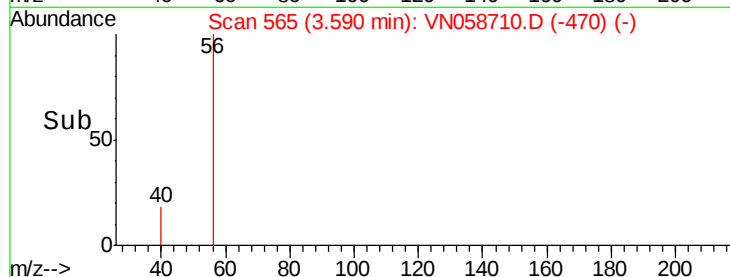
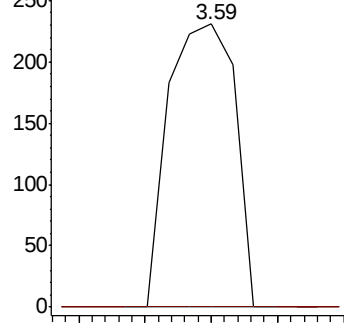
56 100

55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 5.002 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058710.D

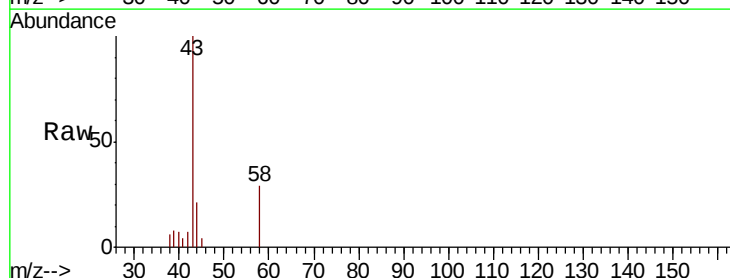
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 11896

Ion Ratio Lower Upper

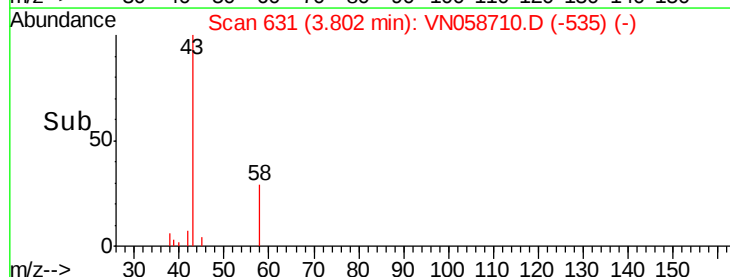
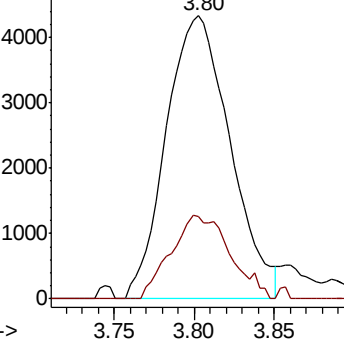
43 100

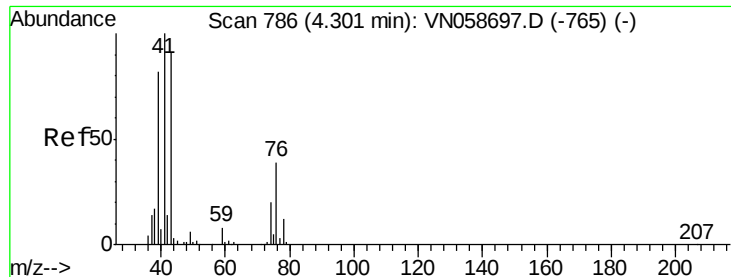
58 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

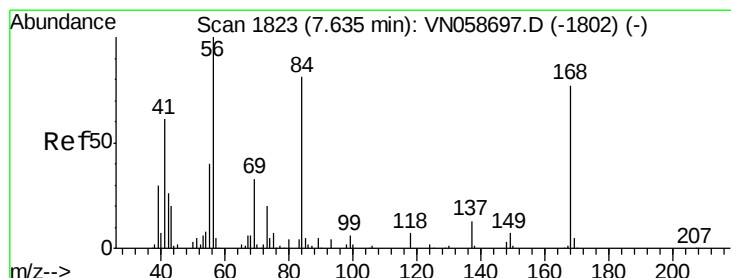
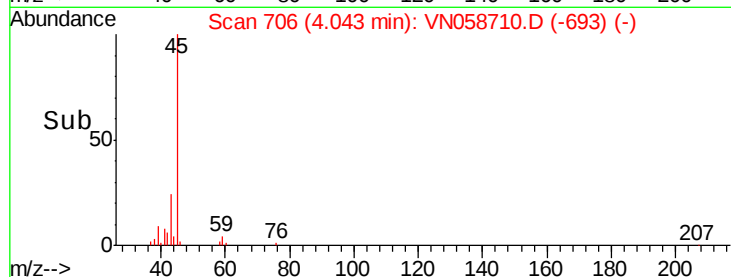
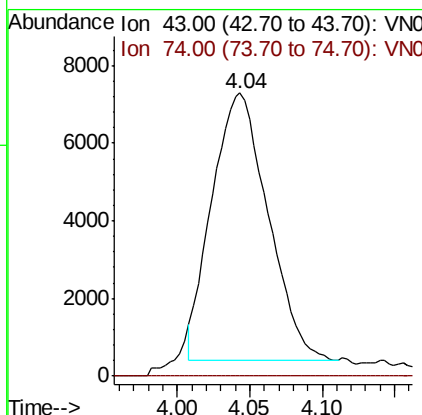
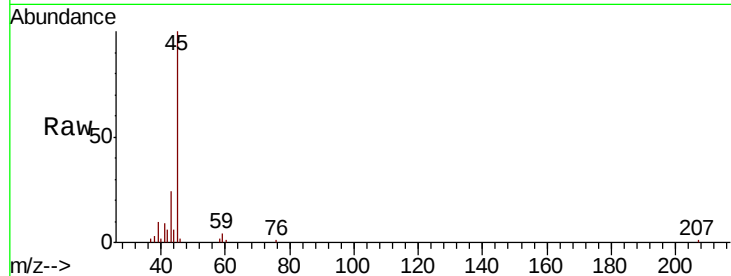




#18
Methyl Acetate
Concen: 3.076 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.26 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

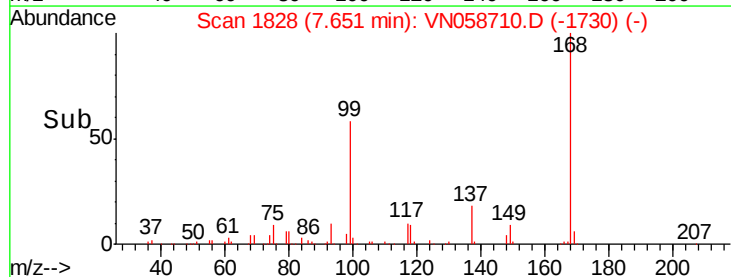
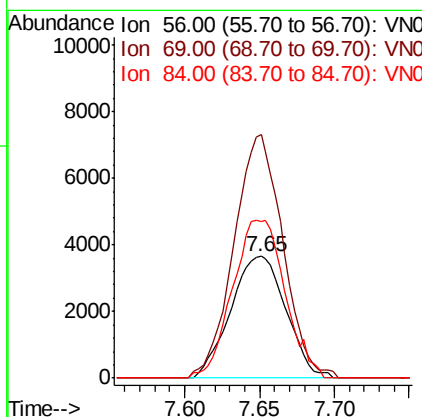
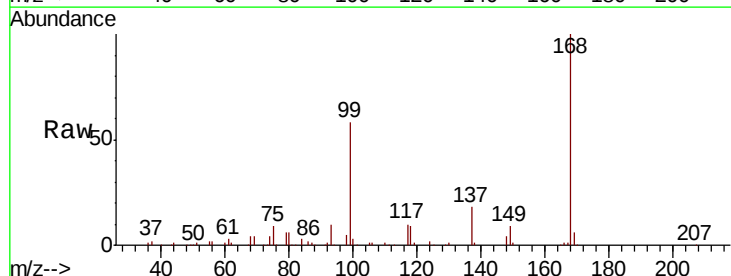
Instrument :
MSVOA_N
ClientSampleId :

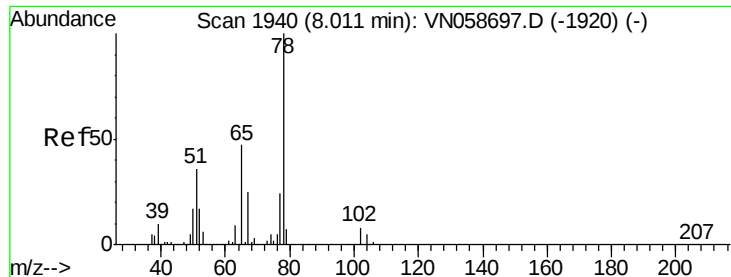
Tot Ion: 43 Resp: 18557
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 56 Resp: 9405
Ion Ratio Lower Upper
56 100
69 200.4 26.2 39.4#
84 129.1 64.9 97.3#

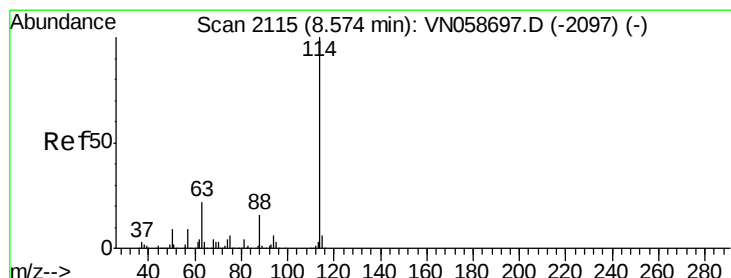
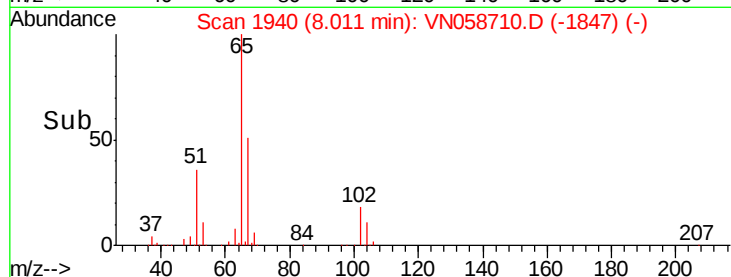
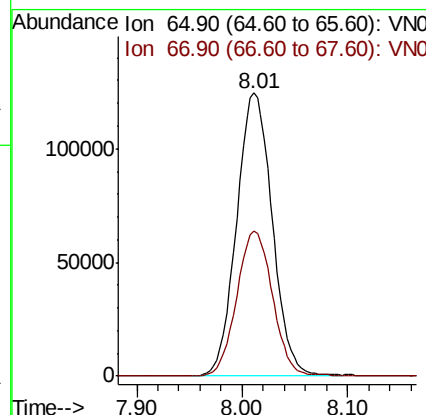
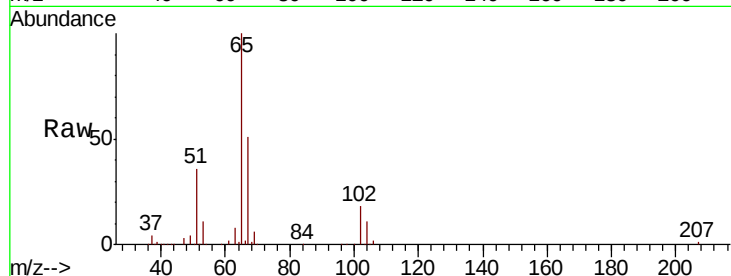




#33
 1,2-Dichloroethane-d4
 Concen: 50.929 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058710.D
 Acq: 11 Oct 2019 18:33

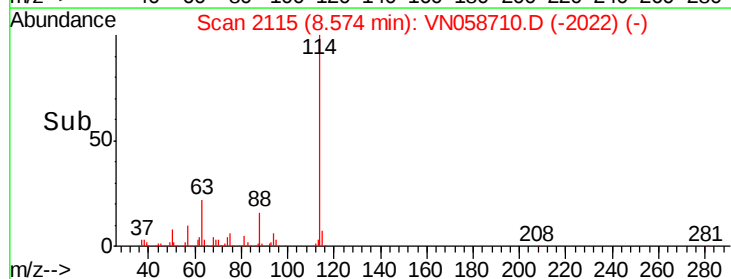
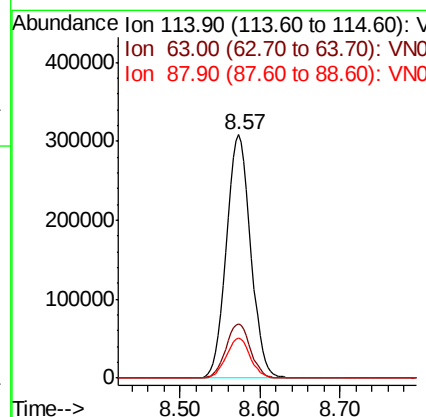
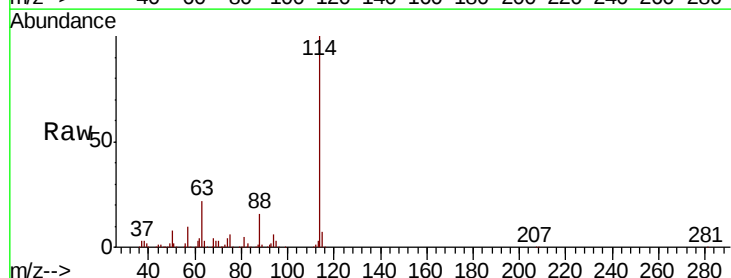
Instrument :
 MSVOA_N
 ClientSampleId :

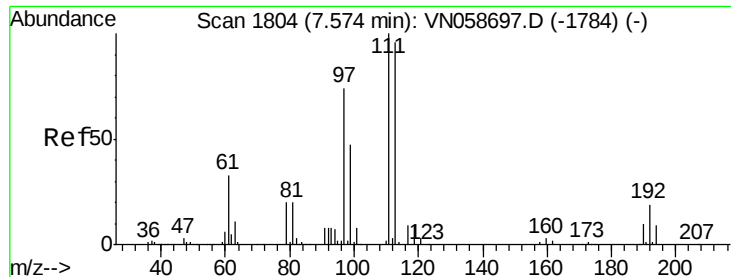
Tot Ion: 65 Resp: 292580
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058710.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 114 Resp: 643954
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.3 0.0 32.0

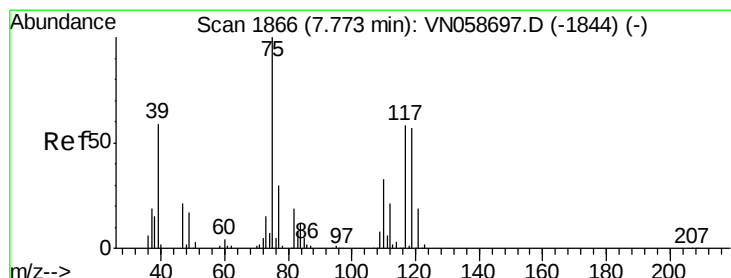
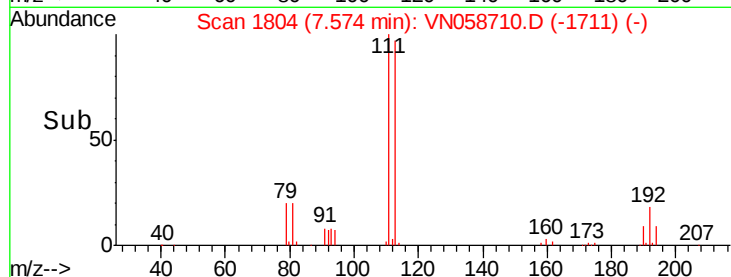
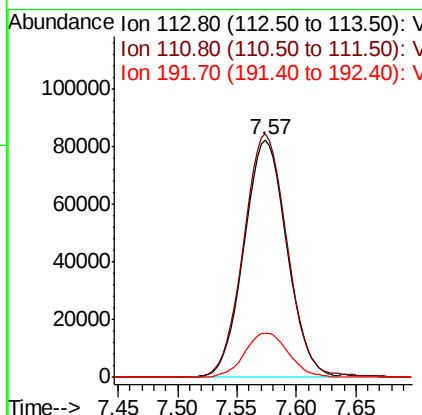
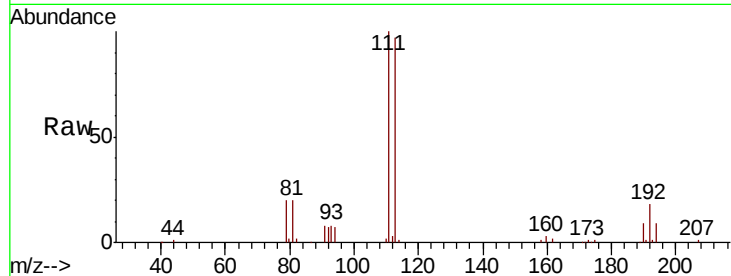




#35
 Dibromofluoromethane
 Concen: 51.945 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058710.D
 Acq: 11 Oct 2019 18:33

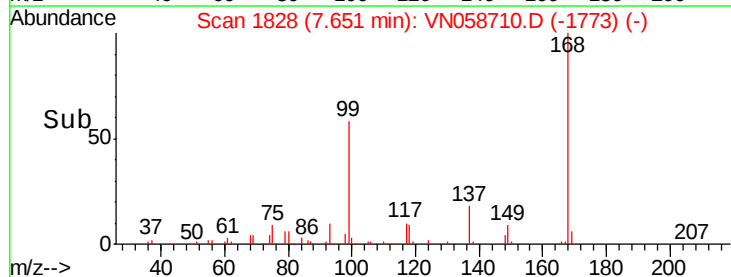
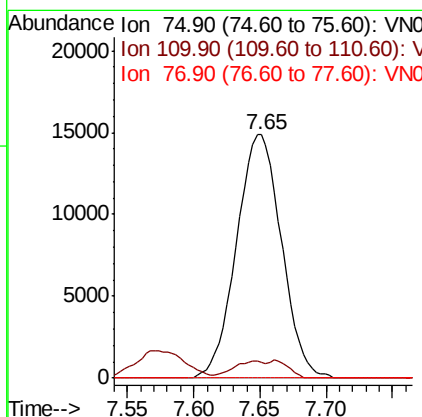
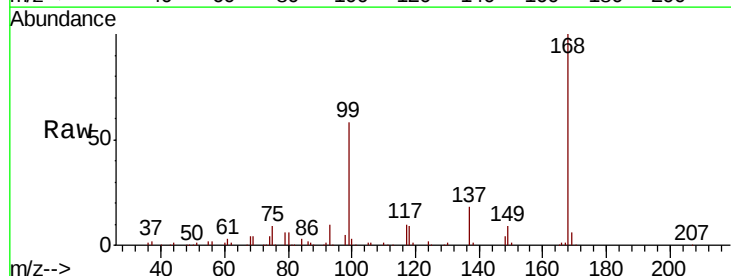
Instrument :
 MSVOA_N
 ClientSampleId :

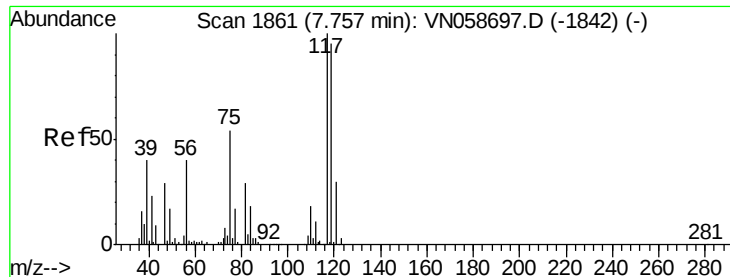
Tot Ion:113 Resp: 206616
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.3 123.5
 192 19.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 5.391 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058710.D
 Acq: 11 Oct 2019 18:33

Tgt Ion: 75 Resp: 35098
 Ion Ratio Lower Upper
 75 100
 110 3.7 16.6 49.8#
 77 0.0 24.6 37.0#

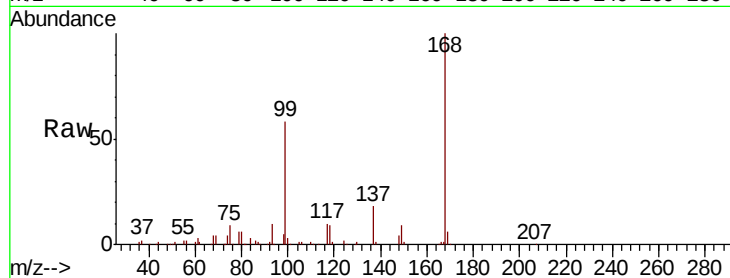




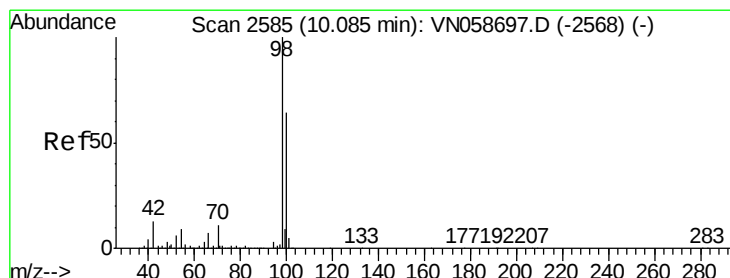
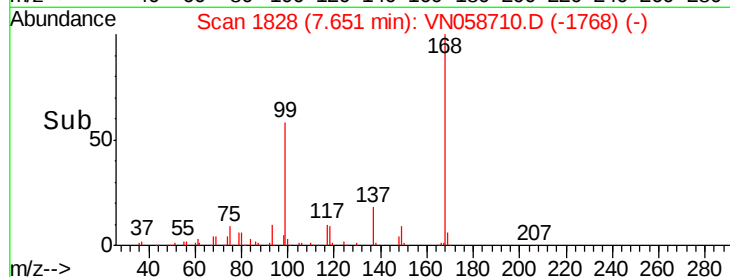
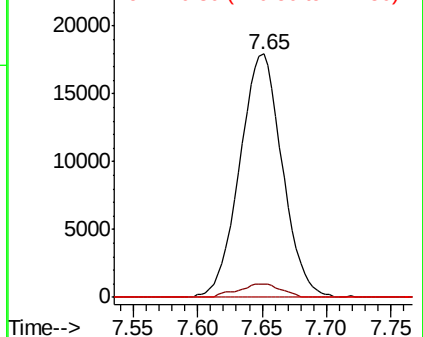
#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 41215
Ion Ratio Lower Upper
117 100
119 5.3 75.7 113.5#
121 0.0 23.9 35.9#

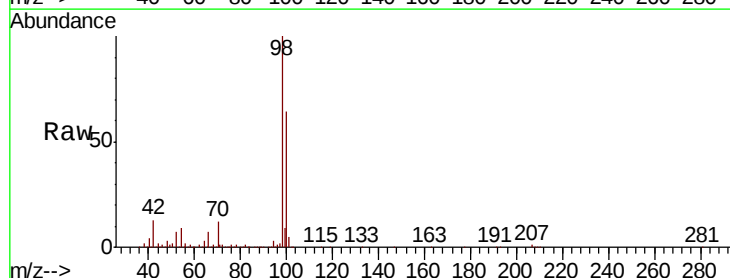


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

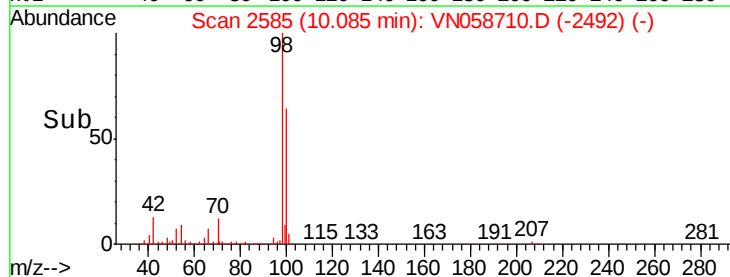
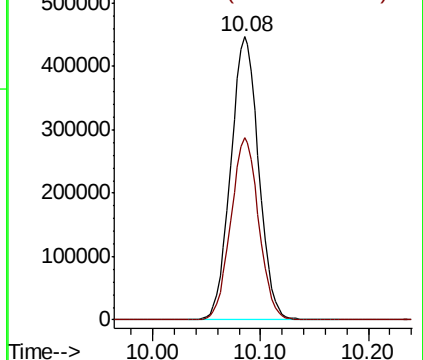


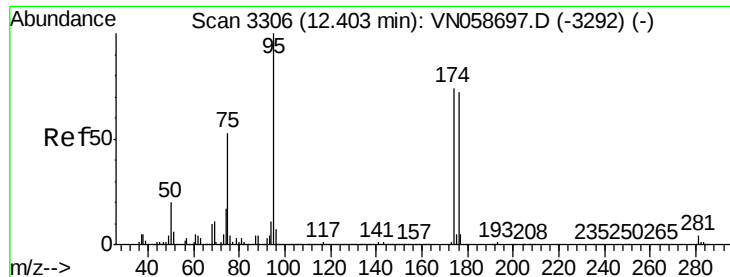
#50
Toluene-d8
Concen: 50.875 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 98 Resp: 809202
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



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

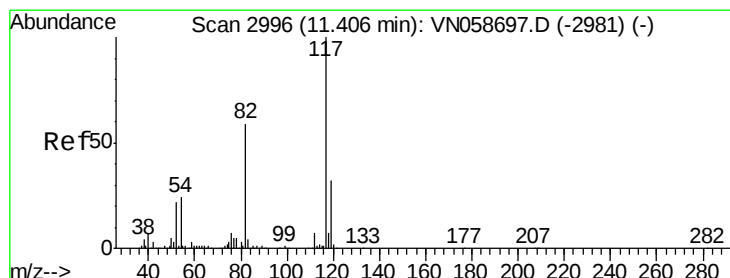
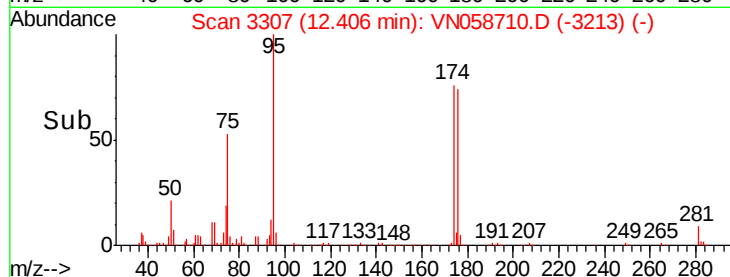
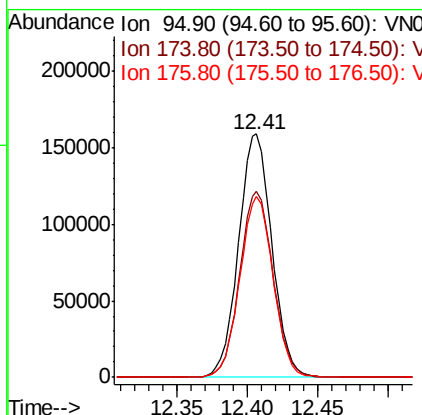
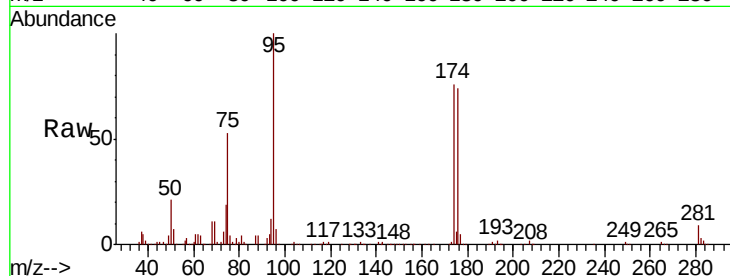




#62
4-Bromofluorobenzene
Concen: 43.832 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

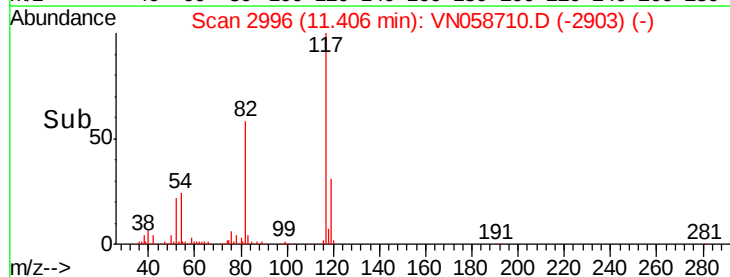
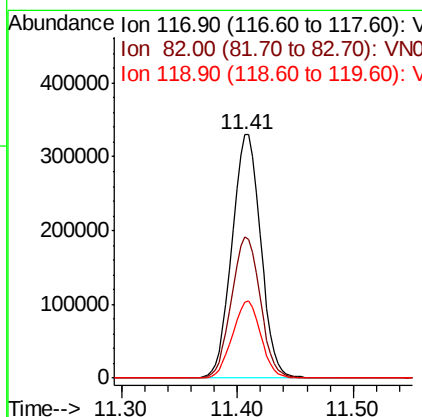
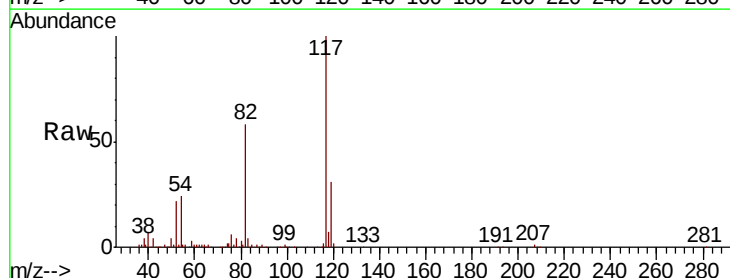
Instrument :
MSVOA_N
ClientSampleId :

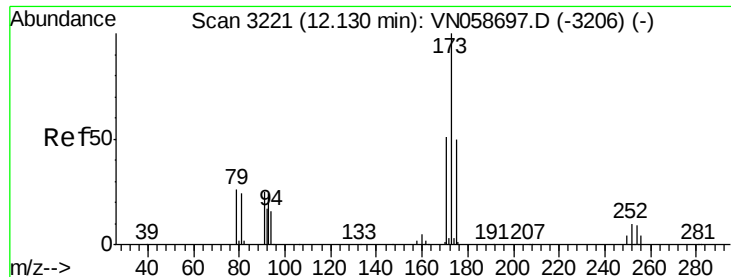
Tot Ion: 95 Resp: 263902
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 74.3 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058710.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 117 Resp: 565562
Ion Ratio Lower Upper
117 100
82 57.8 47.0 70.4
119 31.1 25.4 38.2





#71

Bromoform

Concen: 0.543 ug/l

RT: 12.41 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN058710.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_N

ClientSampleId :

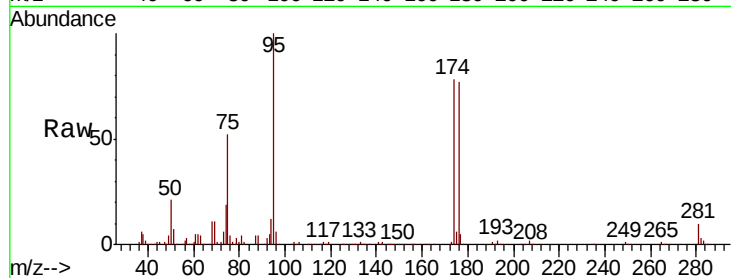
Tot Ion:173 Resp: 1691

Ion Ratio Lower Upper

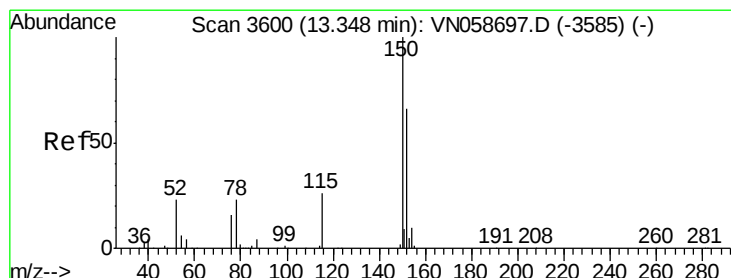
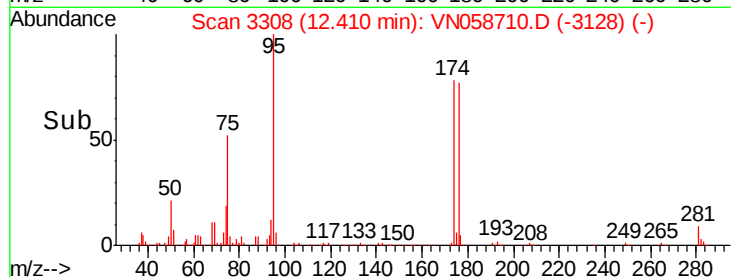
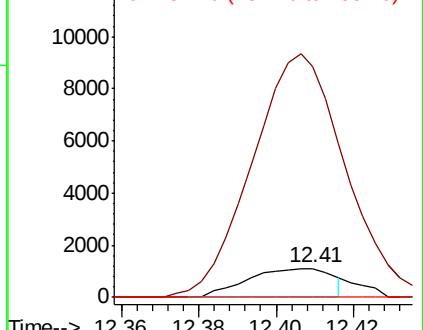
173 100

175 783.0 24.6 73.8#

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: VN058710.D

Acq: 11 Oct 2019 18:33

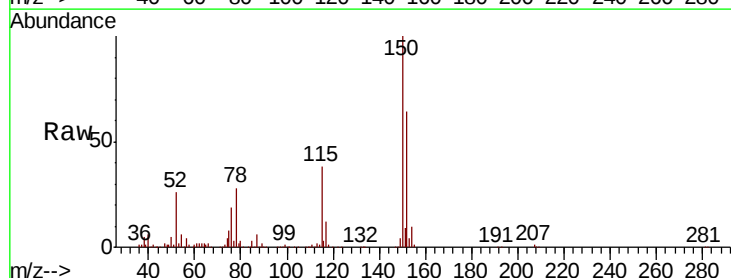
Tgt Ion:152 Resp: 221939

Ion Ratio Lower Upper

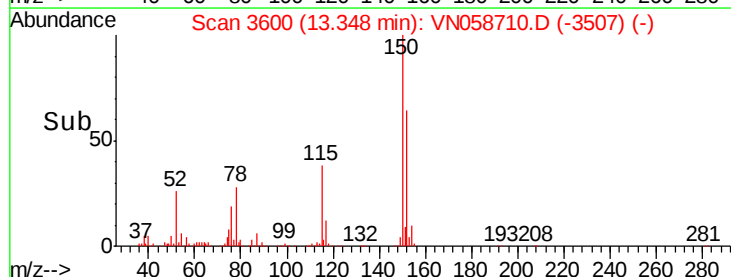
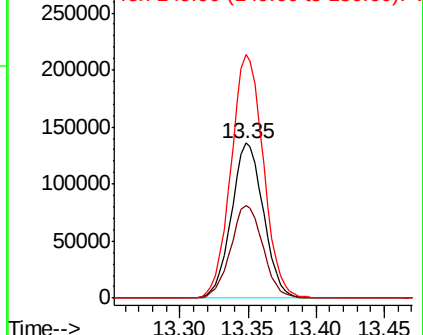
152 100

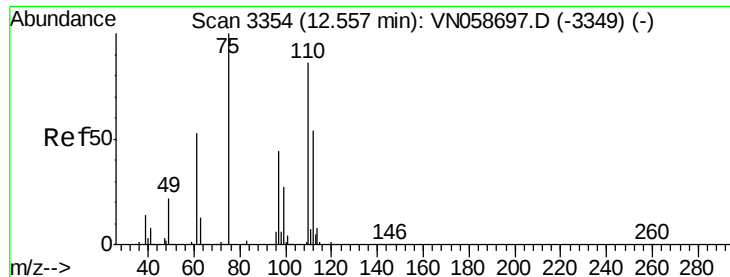
115 60.4 30.4 91.2

150 158.9 0.0 345.4



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: 28.950 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058710.D

Acq: 11 Oct 2019 18:33

Instrument :

MSVOA_N

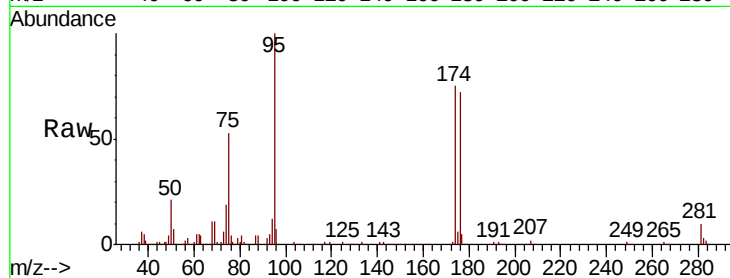
ClientSampled :

Tot Ion: 75 Resp: 140951

Ion Ratio Lower Upper

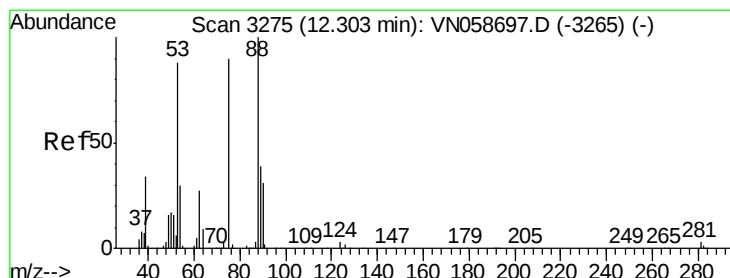
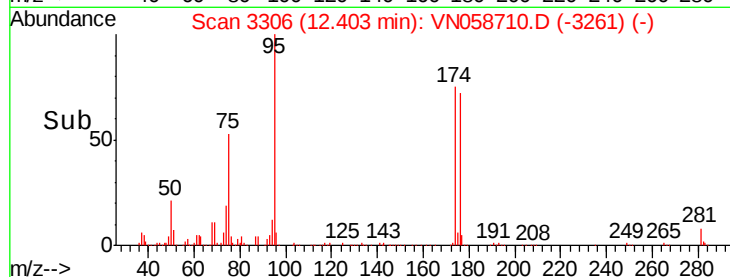
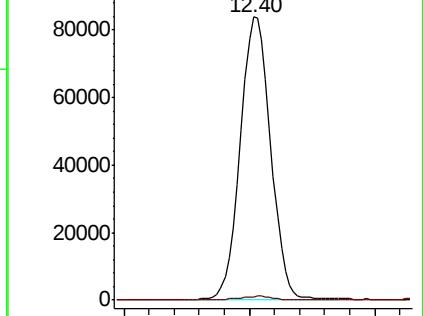
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 77.547 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058710.D

Acq: 11 Oct 2019 18:33

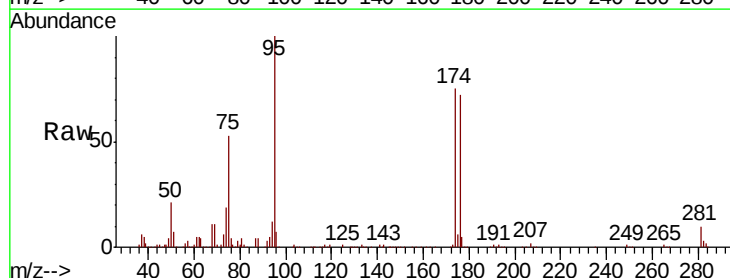
Tgt Ion: 75 Resp: 140951

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#



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

