

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059111.D
 Acq On : 7 Nov 2019 11:00
 Operator : JC/SP
 Sample : VN1107MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBL01

Quant Time: Nov 08 01:14:05 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	411716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	625930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	520571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169339	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	254197	50.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.46%	
35) Dibromofluoromethane	7.57	113	197066	52.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.46%	
50) Toluene-d8	10.08	98	754434	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	224264	42.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.50%	

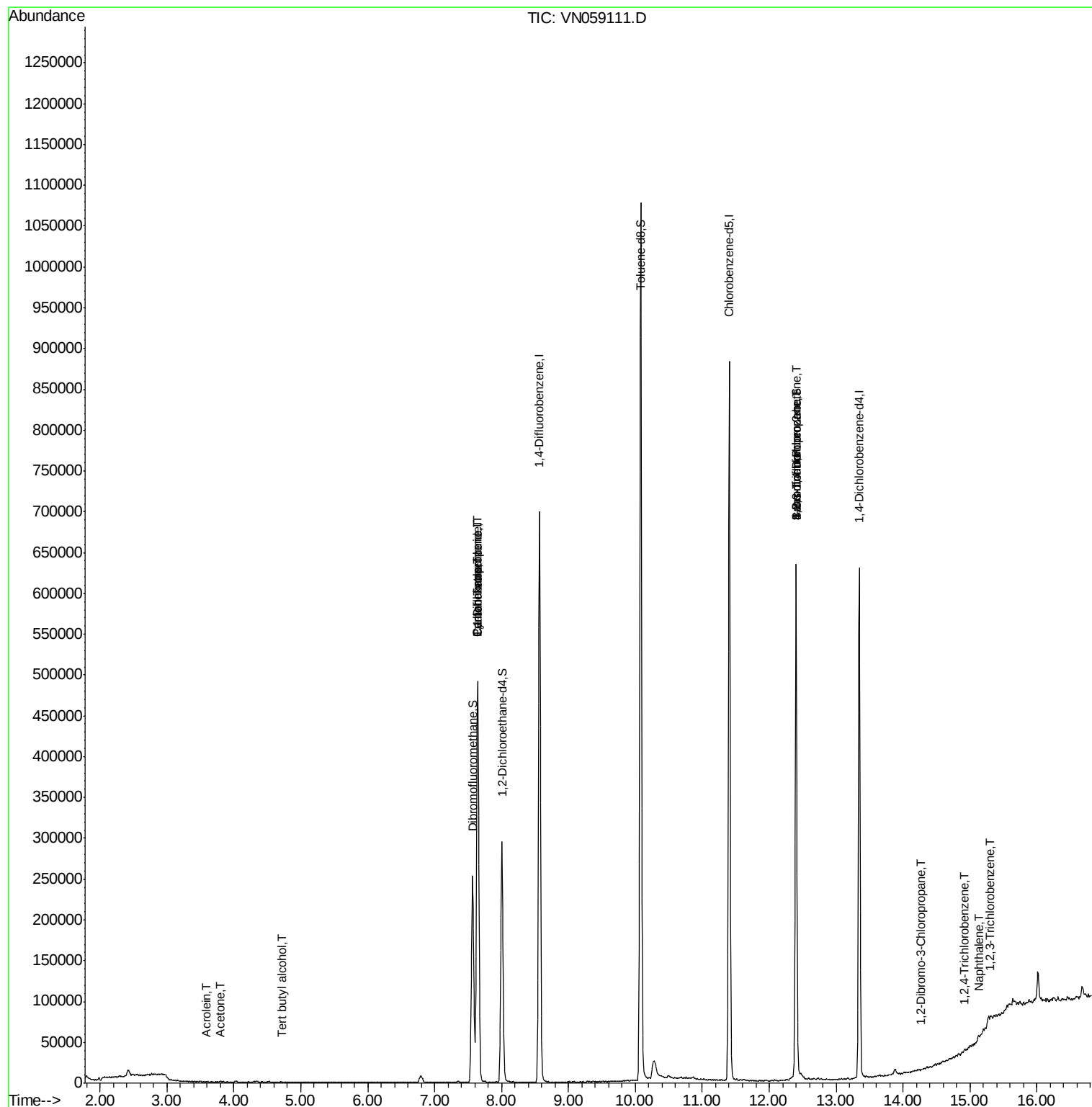
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	506	0.525	ug/l #	72
13) Acrolein	3.59	56	118	0.237	ug/l #	45
16) Acetone	3.80	43	589	0.224	ug/l #	44
31) Cyclohexane	7.64	56	7890	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	31791	5.434	ug/l #	50
38) Carbon Tetrachloride	7.64	117	38399	6.594	ug/l #	16
71) Bromoform	12.40	173	1138	0.384	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	111527	28.928	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	111527	76.408	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	167	0.226	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	706	3.256	ug/l	87
95) Naphthalene	15.13	128	2777	3.342	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1153	0.395	ug/l	81

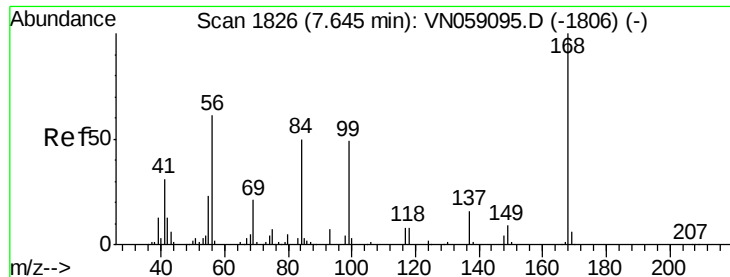
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110719\
Data File : VN059111.D
Acq On : 7 Nov 2019 11:00
Operator : JC/SP
Sample : VN1107MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107MBL01

Quant Time: Nov 08 01:14:05 2019
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: VN059111.D

Acq: 7 Nov 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

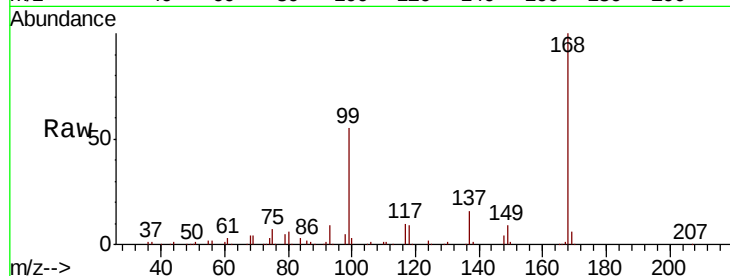
VN1107MBL01

Tot Ion:168 Resp: 411716

Ion Ratio Lower Upper

168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059111.D (-1733) (-)

7.64

150000

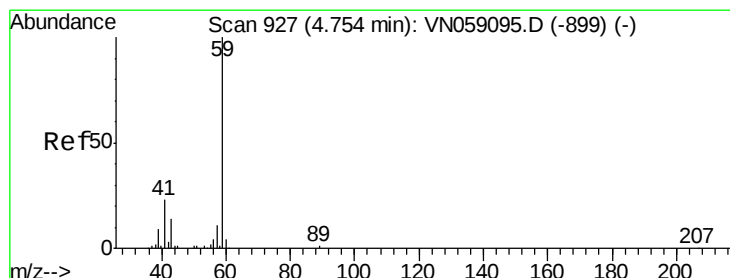
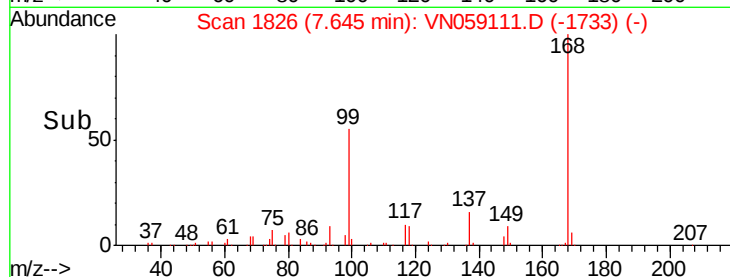
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.525 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.03 min

Lab File: VN059111.D

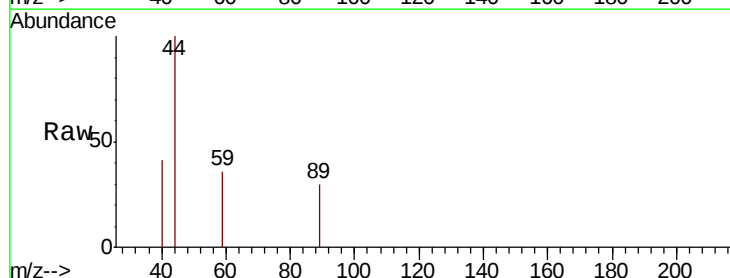
Acq: 7 Nov 2019 11:00

Tgt Ion: 59 Resp: 506

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN059095.D (-899) (-)

Ion 57.00 (56.70 to 57.70): VN059111.D (-834) (-)

4.72

300

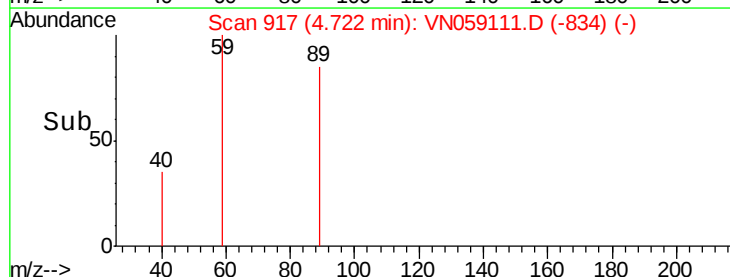
200

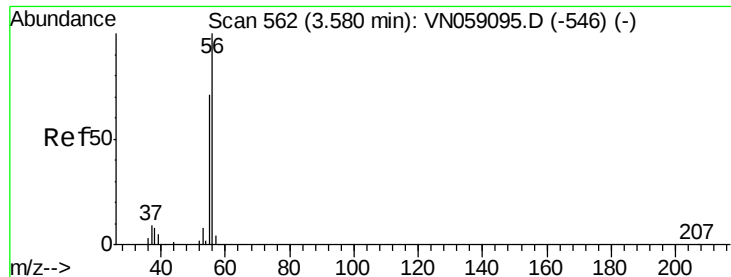
100

0

4.70 4.72 4.74 4.76

Time-->





#13

Acrolein

Concen: 0.237 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN059111.D

Acq: 7 Nov 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

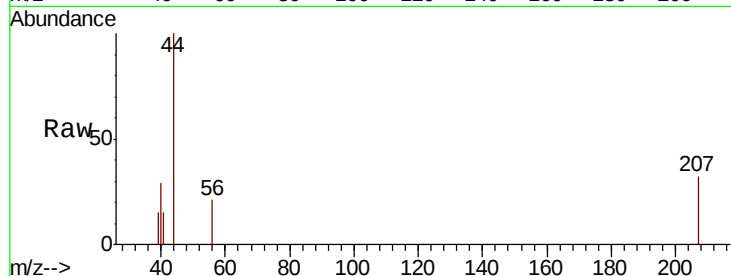
VN1107MBL01

Tot Ion: 56 Resp: 118

Ion Ratio Lower Upper

56 100

55 25.4 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

150

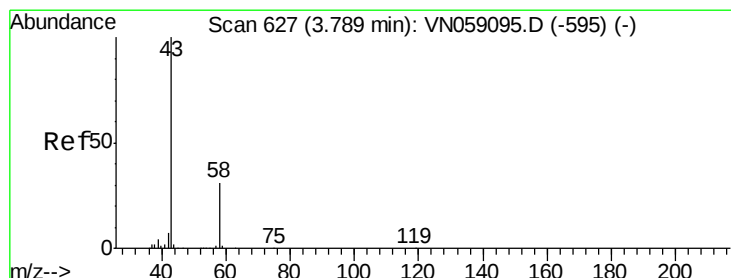
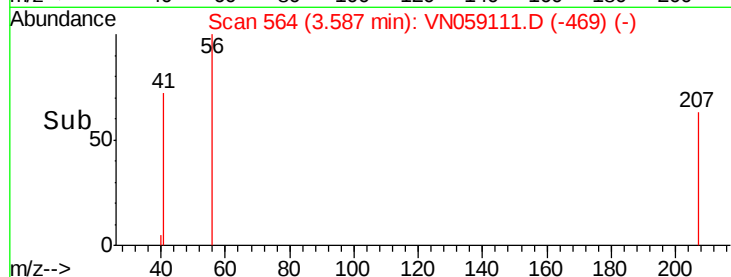
100

50

0

3.57 3.58 3.59 3.60

Time-->



#16

Acetone

Concen: 0.224 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059111.D

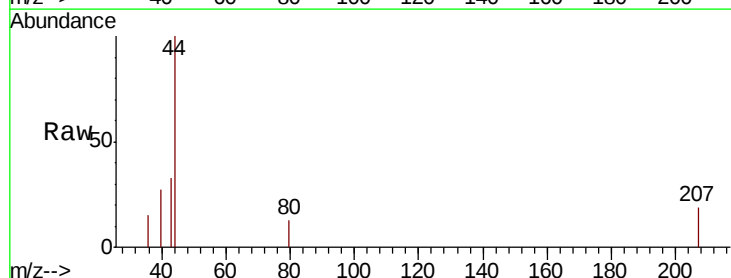
Acq: 7 Nov 2019 11:00

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

400

300

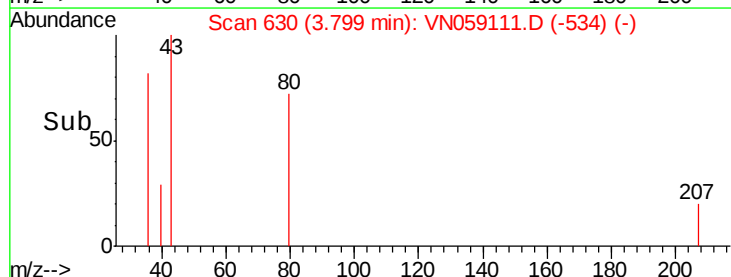
200

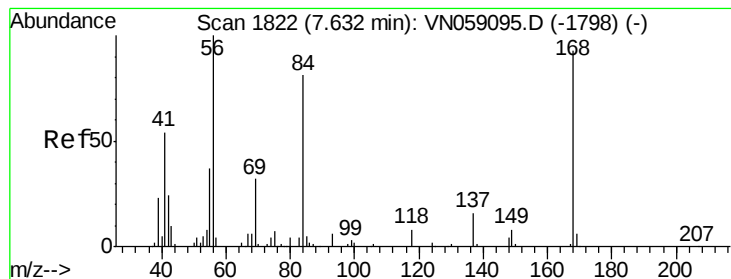
100

0

3.76 3.78 3.80 3.82

Time-->





#31

Cyclohexane

Concen: 1.001 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059111.D

Acq: 7 Nov 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBL01

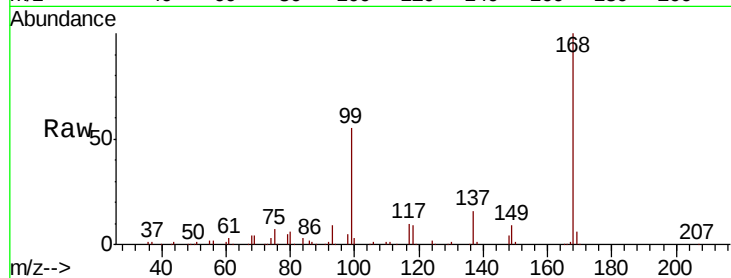
Tot Ion: 56 Resp: 7890

Ion Ratio Lower Upper

56 100

69 178.6 25.8 38.8#

84 131.3 65.0 97.4#

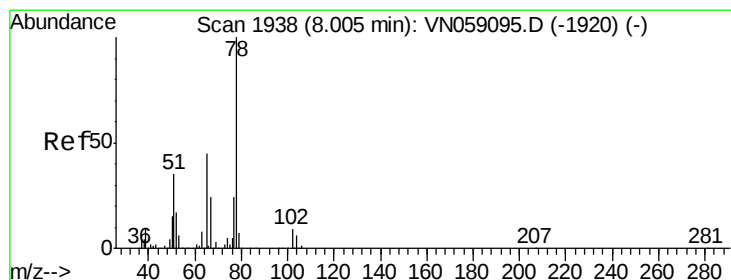
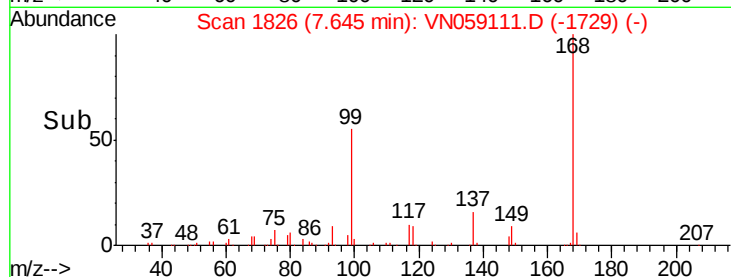
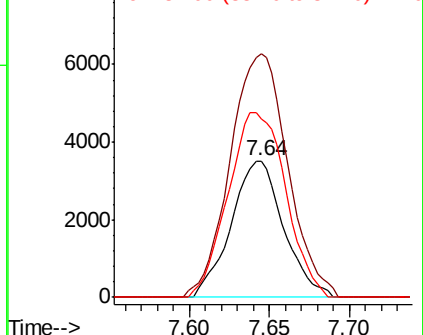


Abundance

Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 50.226 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059111.D

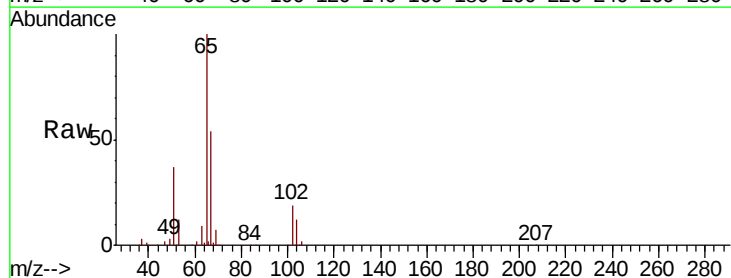
Acq: 7 Nov 2019 11:00

Tgt Ion: 65 Resp: 254197

Ion Ratio Lower Upper

65 100

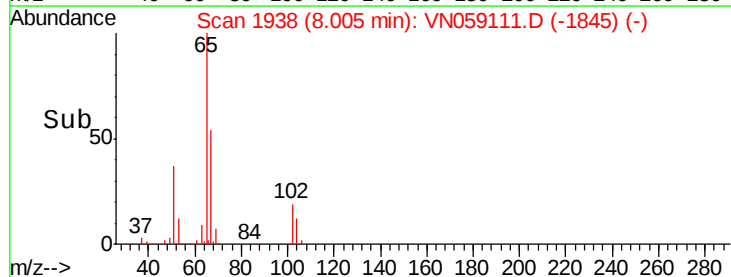
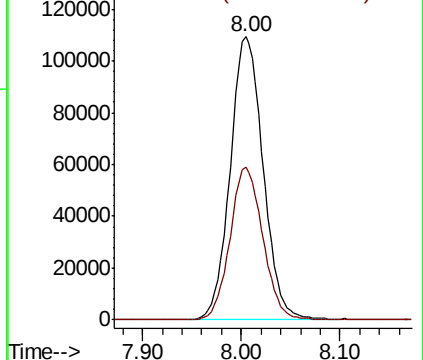
67 53.6 0.0 107.4

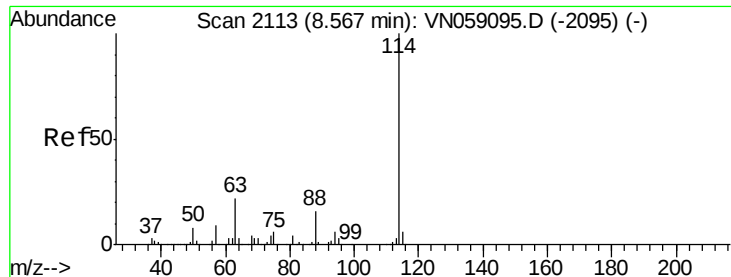


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

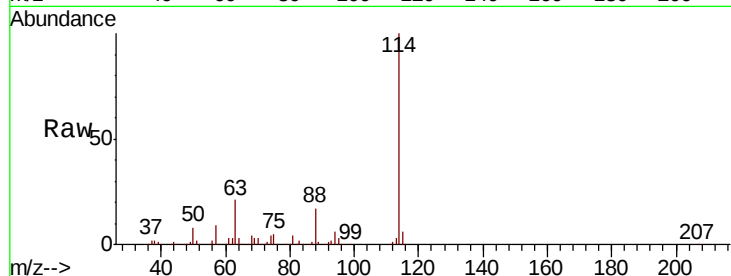




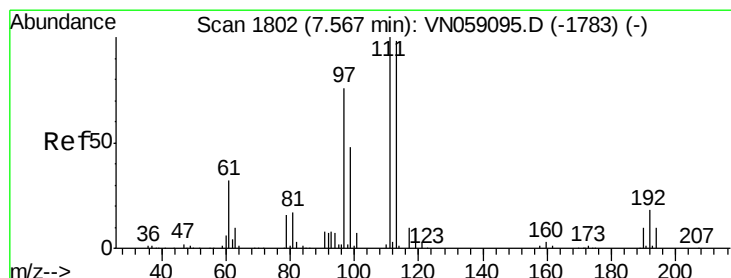
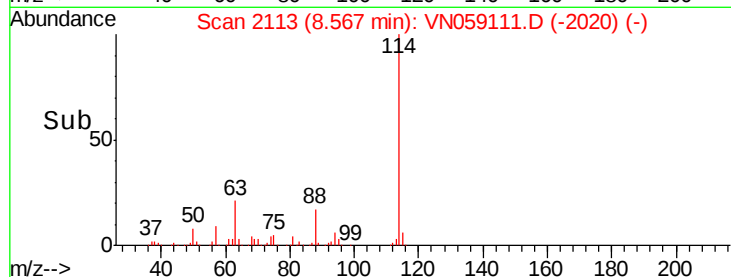
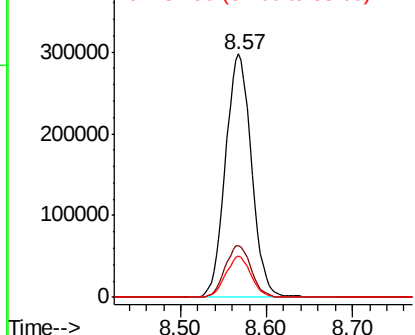
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.9	0.0	32.2

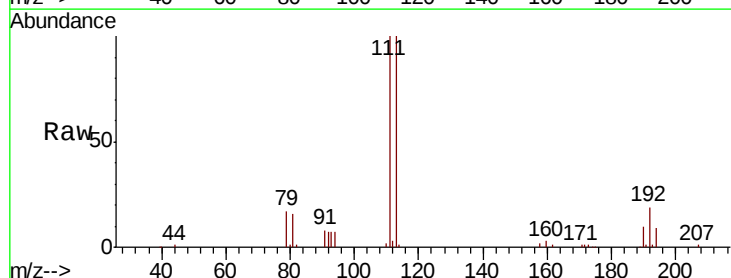


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

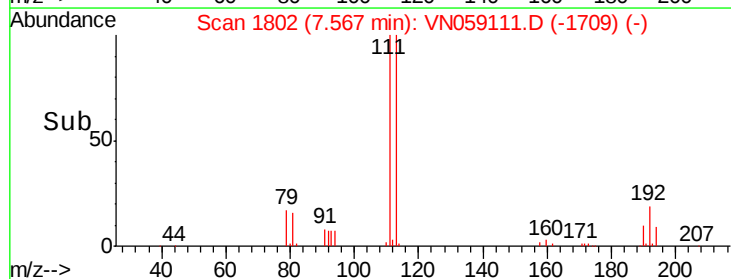
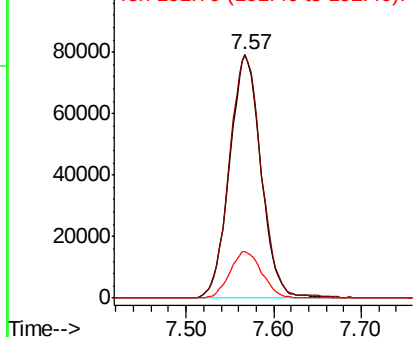


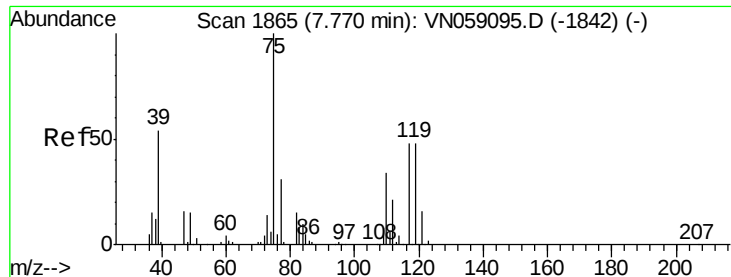
#35
 Dibromofluoromethane
 Concen: 52.728 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.8	124.2
192	19.5	16.1	24.1



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

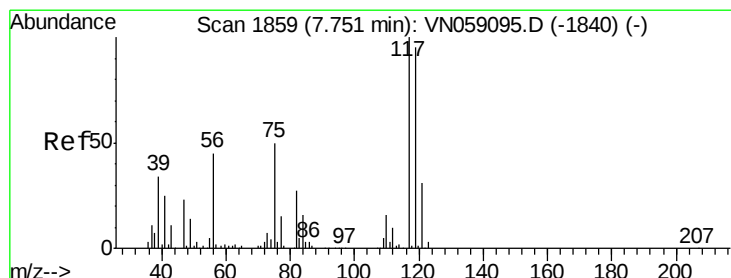
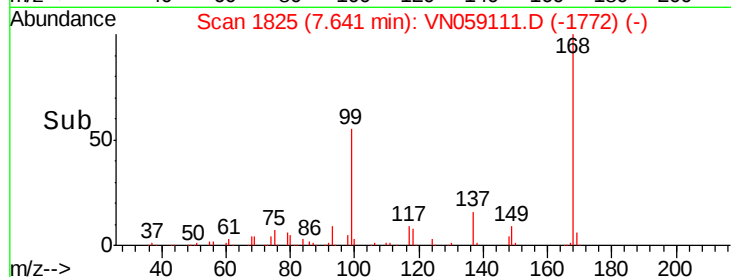
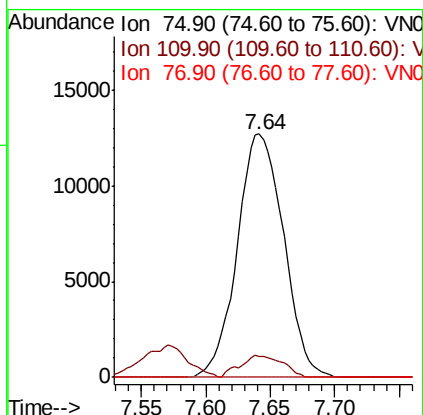
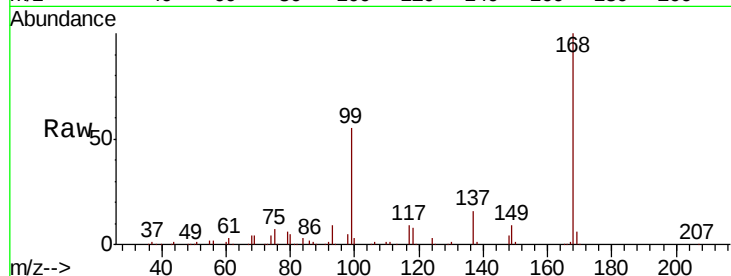




#36
 1,1-Dichloropropene
 Concen: 5.434 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

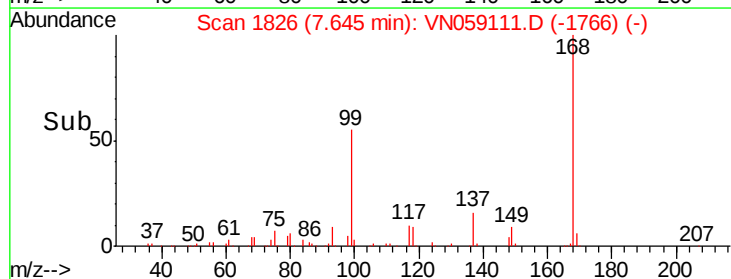
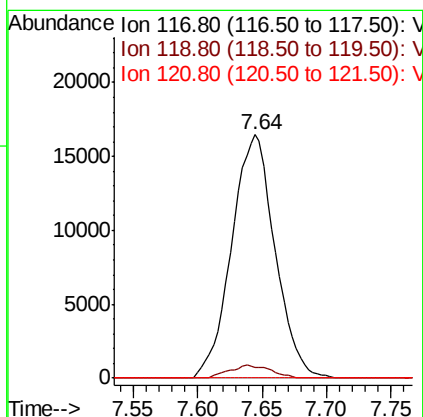
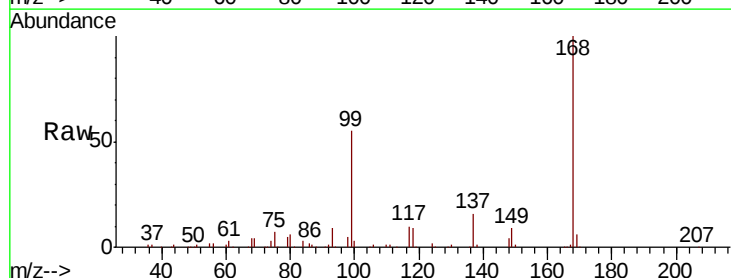
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBL01

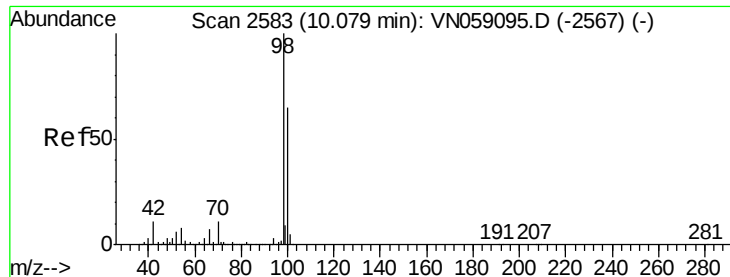
Tot Ion	75	Resp	31791
Ion Ratio	Lower	Upper	
75	100		
110	8.3	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.594 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Tgt Ion	117	Resp	38399
Ion Ratio	Lower	Upper	
117	100		
119	4.4	75.6	113.4#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 51.248 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059111.D

Acq: 7 Nov 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

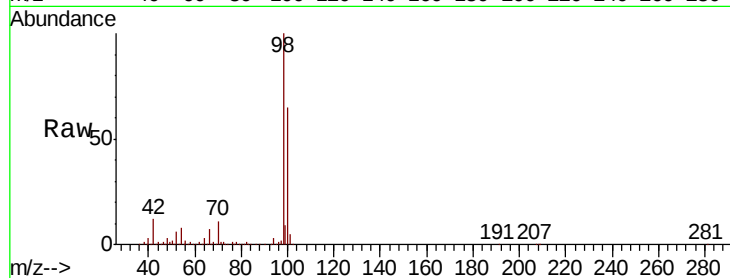
VN1107MBL01

Tot Ion: 98 Resp: 754434

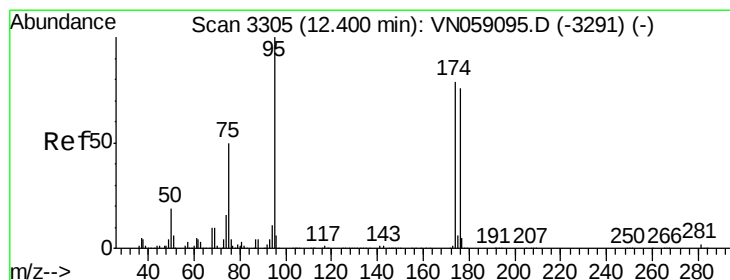
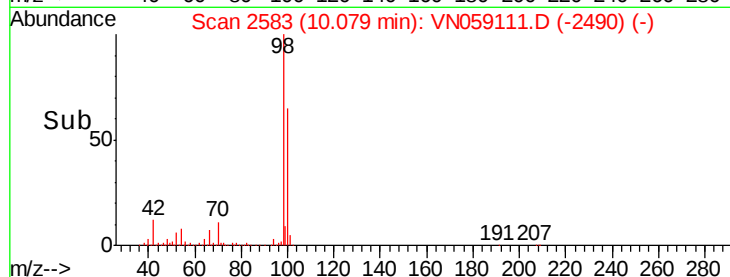
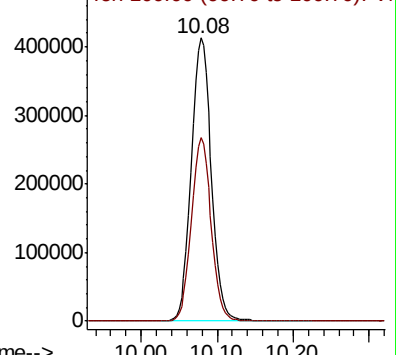
Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 42.251 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059111.D

Acq: 7 Nov 2019 11:00

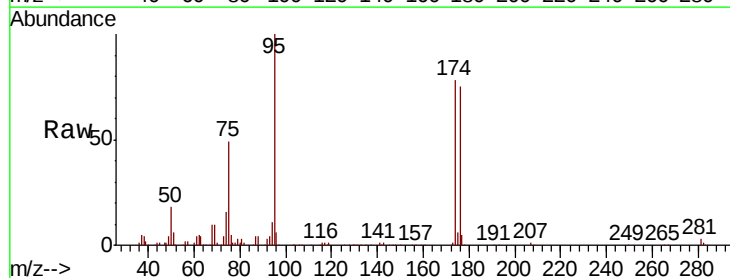
Tgt Ion: 95 Resp: 224264

Ion Ratio Lower Upper

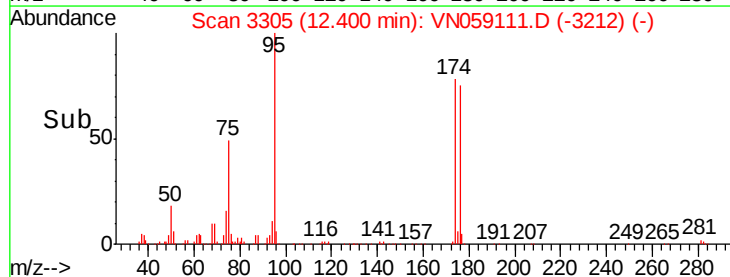
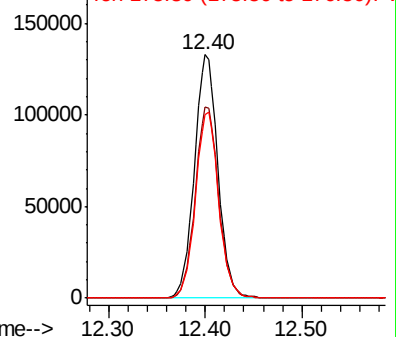
95 100

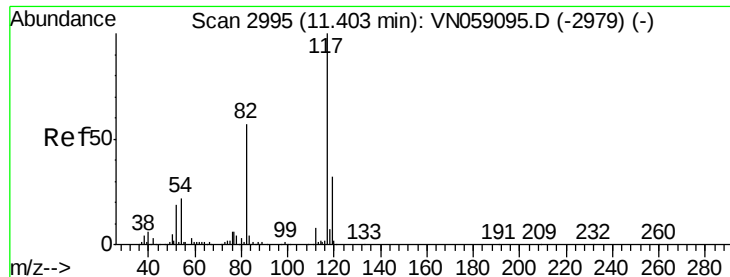
174 78.4 0.0 158.2

176 75.5 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

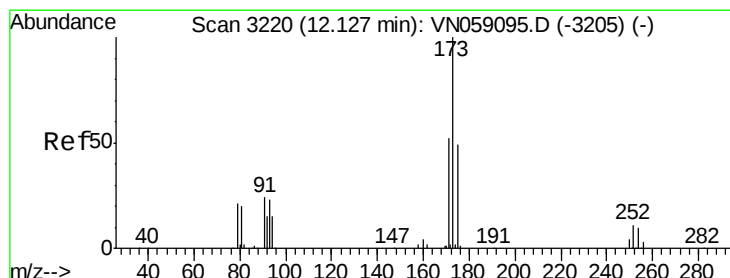
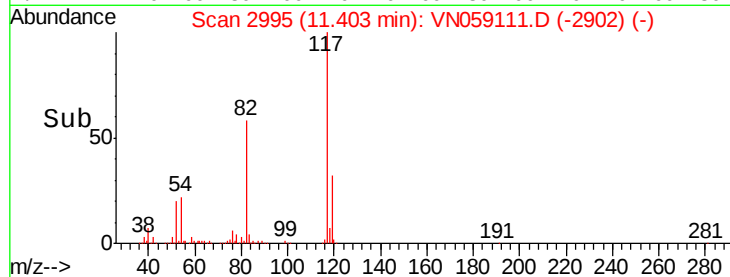
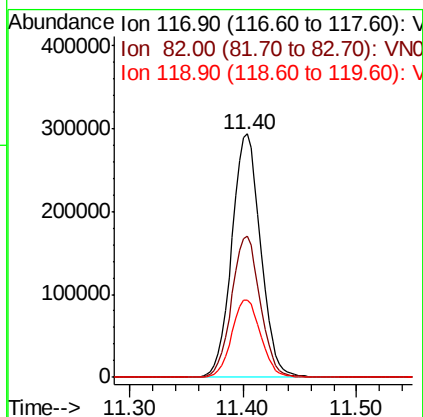
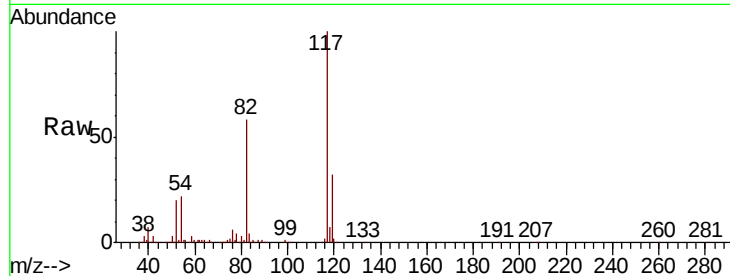




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059111.D
Acq: 7 Nov 2019 11:00

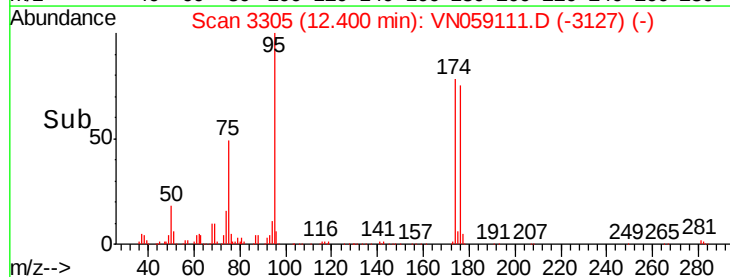
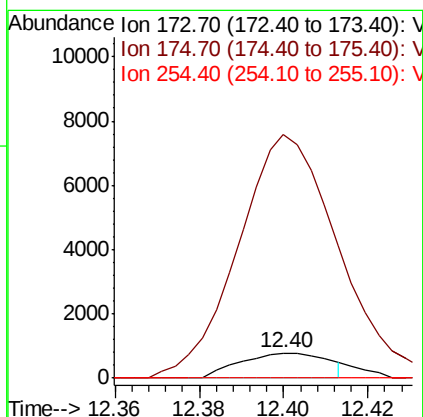
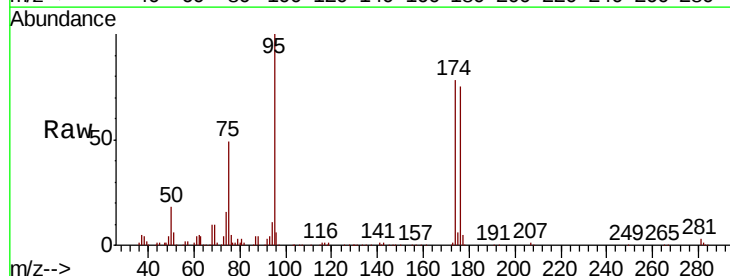
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBL01

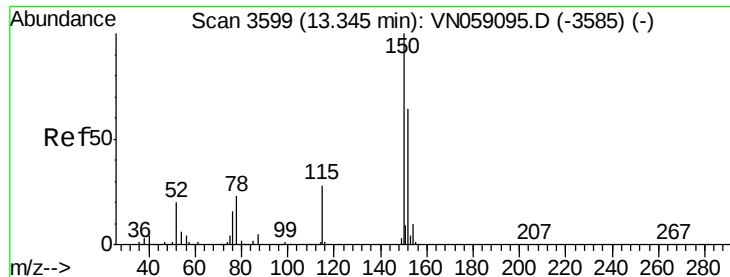
Tot Ion:117 Resp: 520571
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.8
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.384 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059111.D
Acq: 7 Nov 2019 11:00

Tgt Ion:173 Resp: 1138
Ion Ratio Lower Upper
173 100
175 958.7 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059111.D

Acq: 7 Nov 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1107MBL01

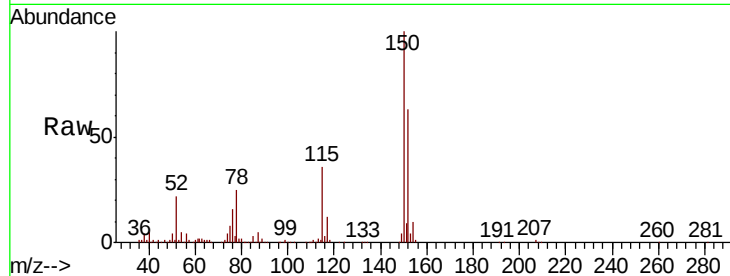
Tot Ion:152 Resp: 169339

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

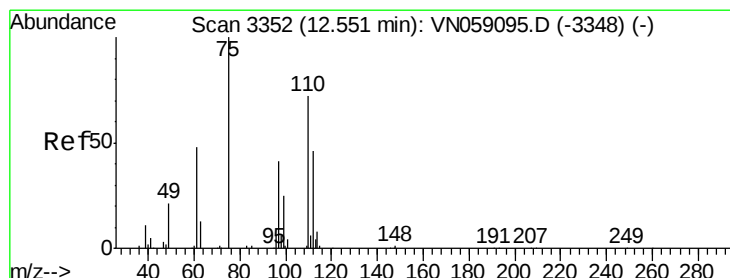
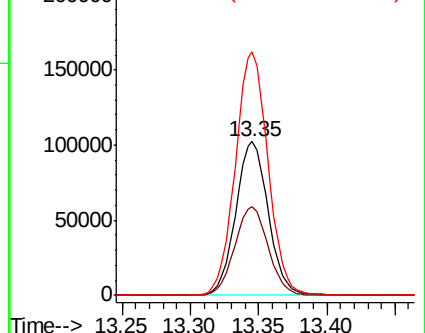
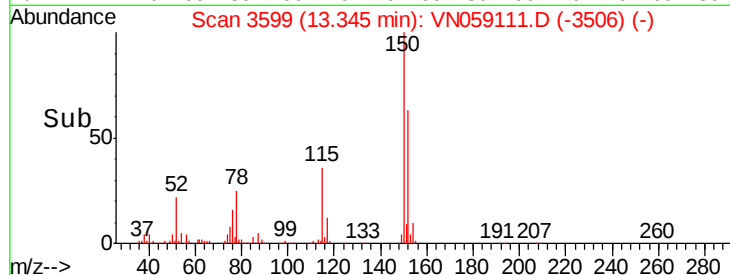
150 159.0 0.0 345.8



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: 28.928 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059111.D

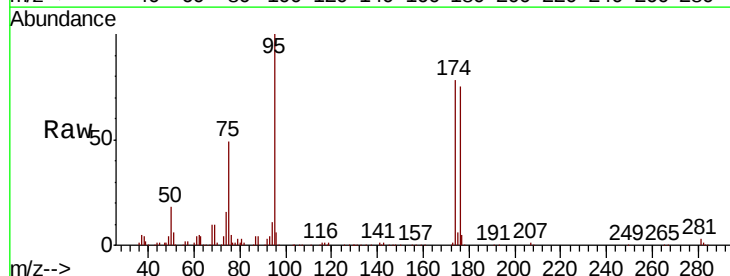
Acq: 7 Nov 2019 11:00

Tgt Ion: 75 Resp: 111527

Ion Ratio Lower Upper

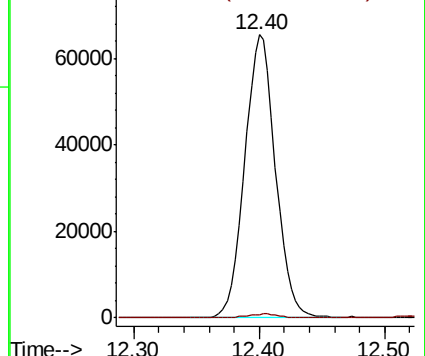
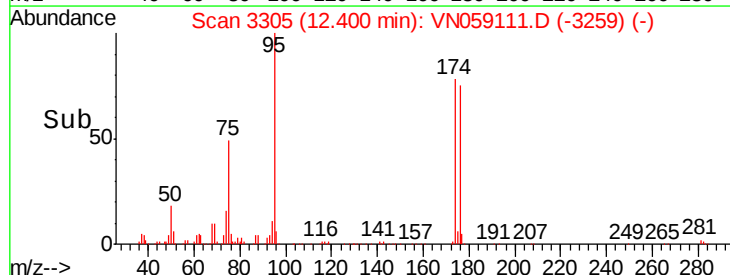
75 100

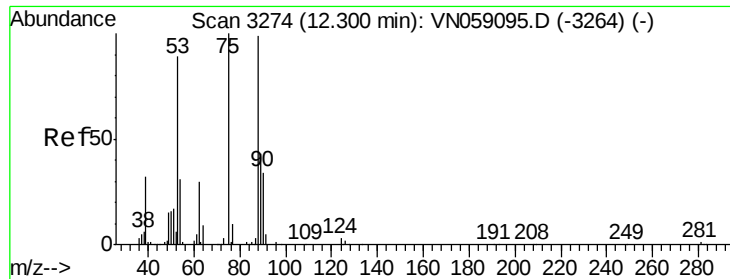
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

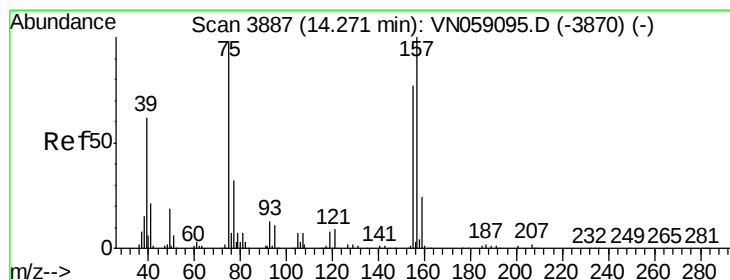
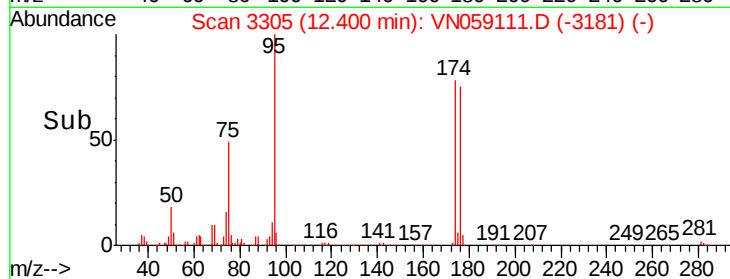
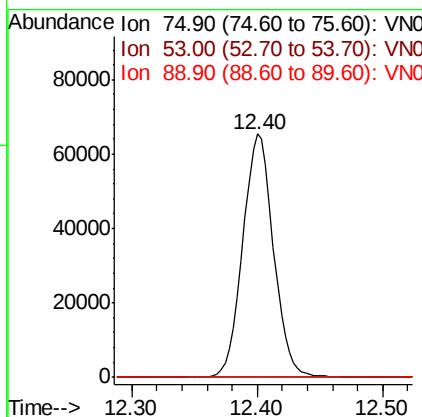
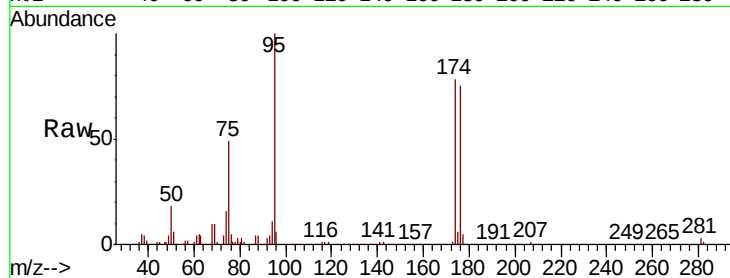




#81
trans-1,4-Dichloro-2-butene
Concen: 76.408 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059111.D
Acq: 7 Nov 2019 11:00

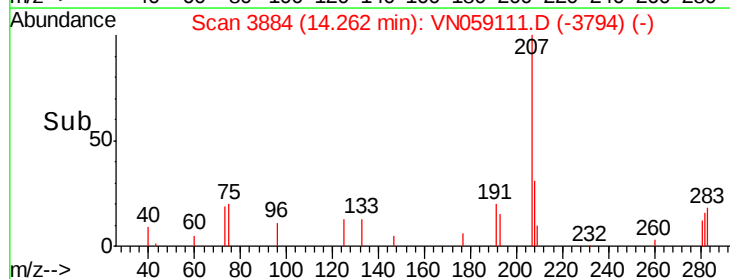
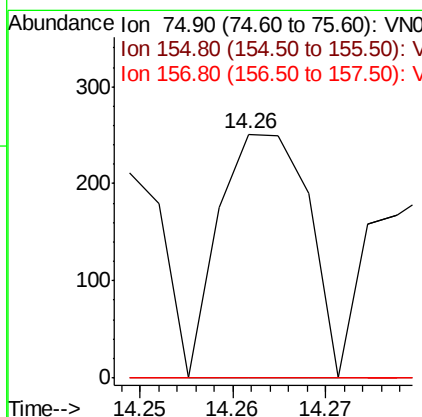
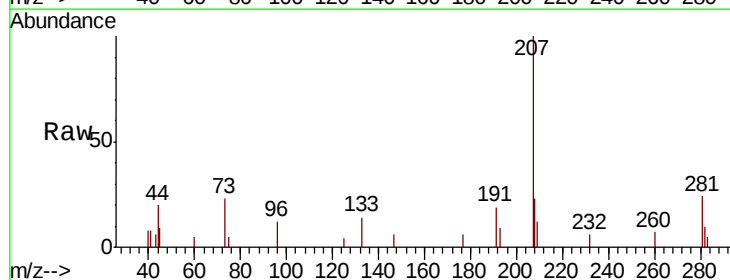
Instrument :
MSVOA_N
ClientSampleId :
VN1107MBL01

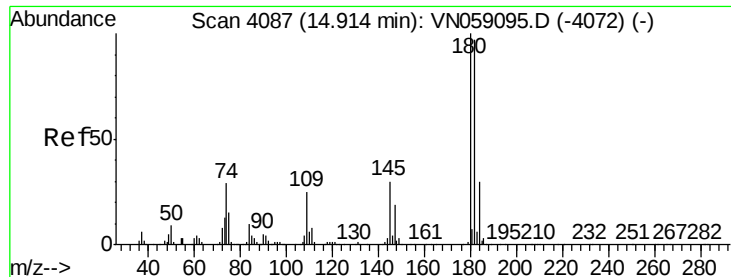
Tot Ion: 75 Resp: 111527
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.2#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.226 ug/l
RT: 14.26 min Scan# 3884
Delta R.T. -0.01 min
Lab File: VN059111.D
Acq: 7 Nov 2019 11:00

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
155 0.0 40.2 120.6#
157 0.0 51.8 155.5#

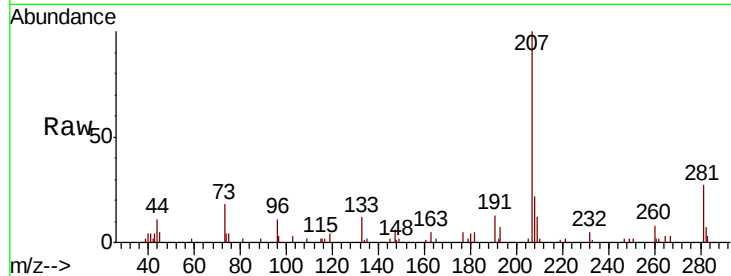




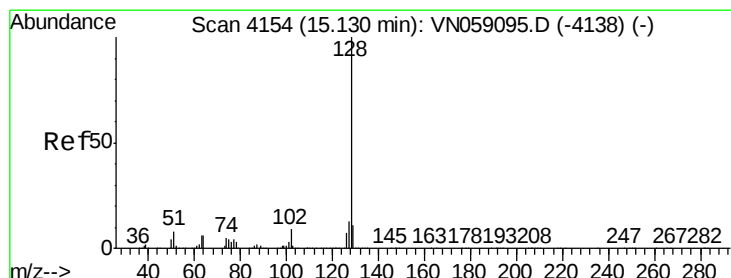
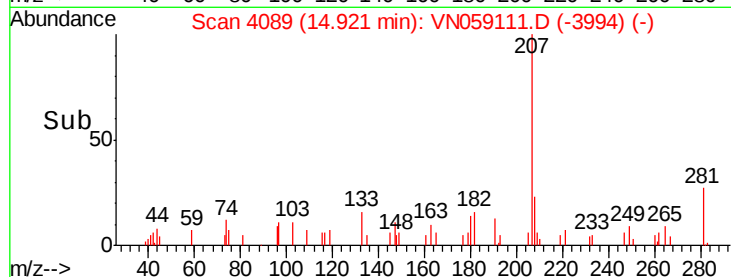
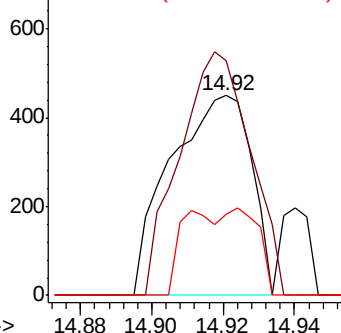
#93
 1,2,4-Trichlorobenzene
 Concen: 3.256 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.7	48.1	144.3
145	19.1	15.1	45.3

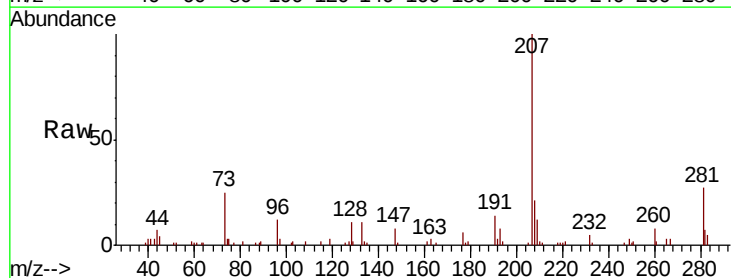


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

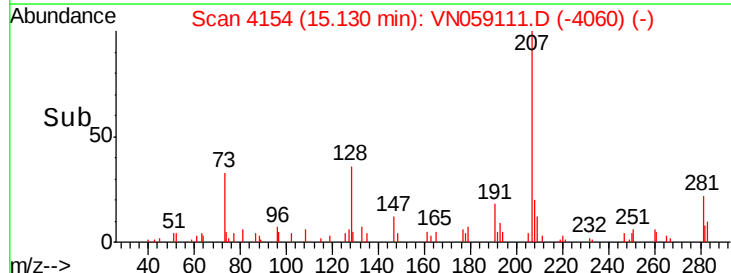
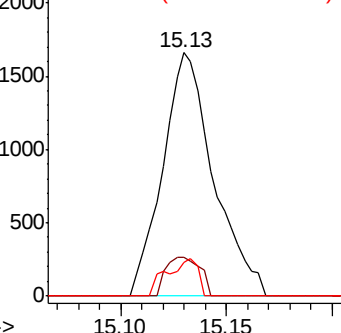


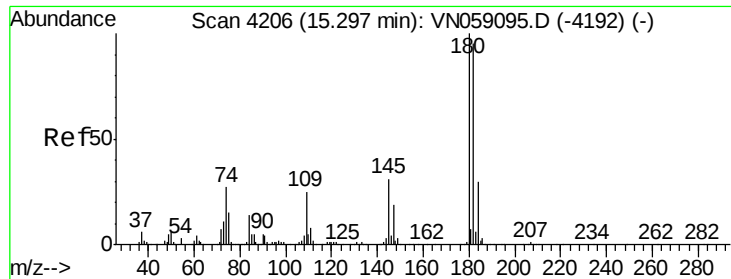
#95
 Naphthalene
 Concen: 3.342 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.2	15.2
129	9.3	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

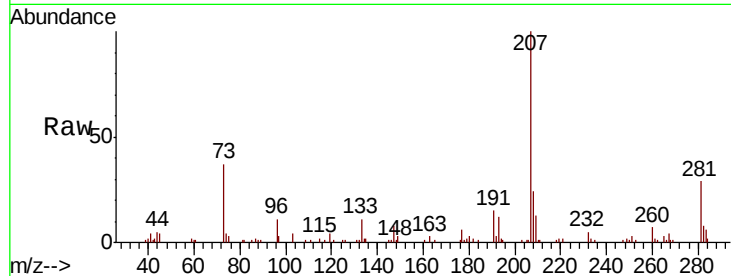




#96
 1,2,3-Trichlorobenzene
 Concen: 0.395 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN059111.D
 Acq: 7 Nov 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	72.7	47.3	141.8
145	37.2	15.8	47.3



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

