

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050275.D
 Acq On : 2 Aug 2018 19:54
 Operator : MD\SY
 Sample : J4278-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-B

Quant Time: Aug 03 01:16:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	460278	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	408262	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.09	98	1441301	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	394464	37.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.48%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	535	Below Cal	#	42
11) Tert butyl alcohol	4.80	59	179	0.27	ug/l #	72
13) Acrolein	3.61	56	304	0.58	ug/l #	74
16) Acetone	3.83	43	42160	15.97	ug/l	95
18) Methyl Acetate	4.34	43	29649	2.06	ug/l	95
20) Methylene Chloride	4.55	84	56114	5.98	ug/l	96
25) 2-Butanone	6.85	43	7579	2.22	ug/l #	81
29) Tetrahydrofuran	7.22	42	1549	0.70	ug/l #	71
30) Chloroform	7.37	83	11354	0.75	ug/l	90
31) Cyclohexane	7.67	56	12338	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44380	3.68	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58648	4.58	ug/l #	16
41) Methacrylonitrile	7.16	41	64	2.76	ug/l #	10
43) Isopropyl Acetate	8.17	43	429455	26.54	ug/l #	87
47) Bromodichloromethane	9.41	83	2630	0.21	ug/l #	80
48) Methyl methacrylate	9.18	41	10093	1.39	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	4085	0.49	ug/l	88
56) Ethyl methacrylate	10.23	69	3205	2.29	ug/l #	60
59) 2-Hexanone	10.77	43	18861	8.21	ug/l	63
67) Ethyl Benzene	11.51	91	12455	0.34	ug/l	96
68) m/p-Xylenes	11.62	106	13678	0.99	ug/l	94
69) o-Xylene	11.95	106	3793	0.29	ug/l	90
70) Styrene	11.96	104	809	0.96	ug/l #	61
71) Bromoform	12.40	173	1740	0.28	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	12.41	83	231	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	191952	30.78	ug/l #	100
78) n-propylbenzene	12.59	91	8296	0.29	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	10431	0.51	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	191952	97.62	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	32193	1.56	ug/l	98
90) Hexachloroethane	13.89	117	1104	0.25	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.28	75	165	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	749	3.19	ug/l #	79
95) Naphthalene	15.14	128	15877	5.36	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050275.D
Acq On : 2 Aug 2018 19:54
Operator : MD\SY
Sample : J4278-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

Quant Time: Aug 03 01:16:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

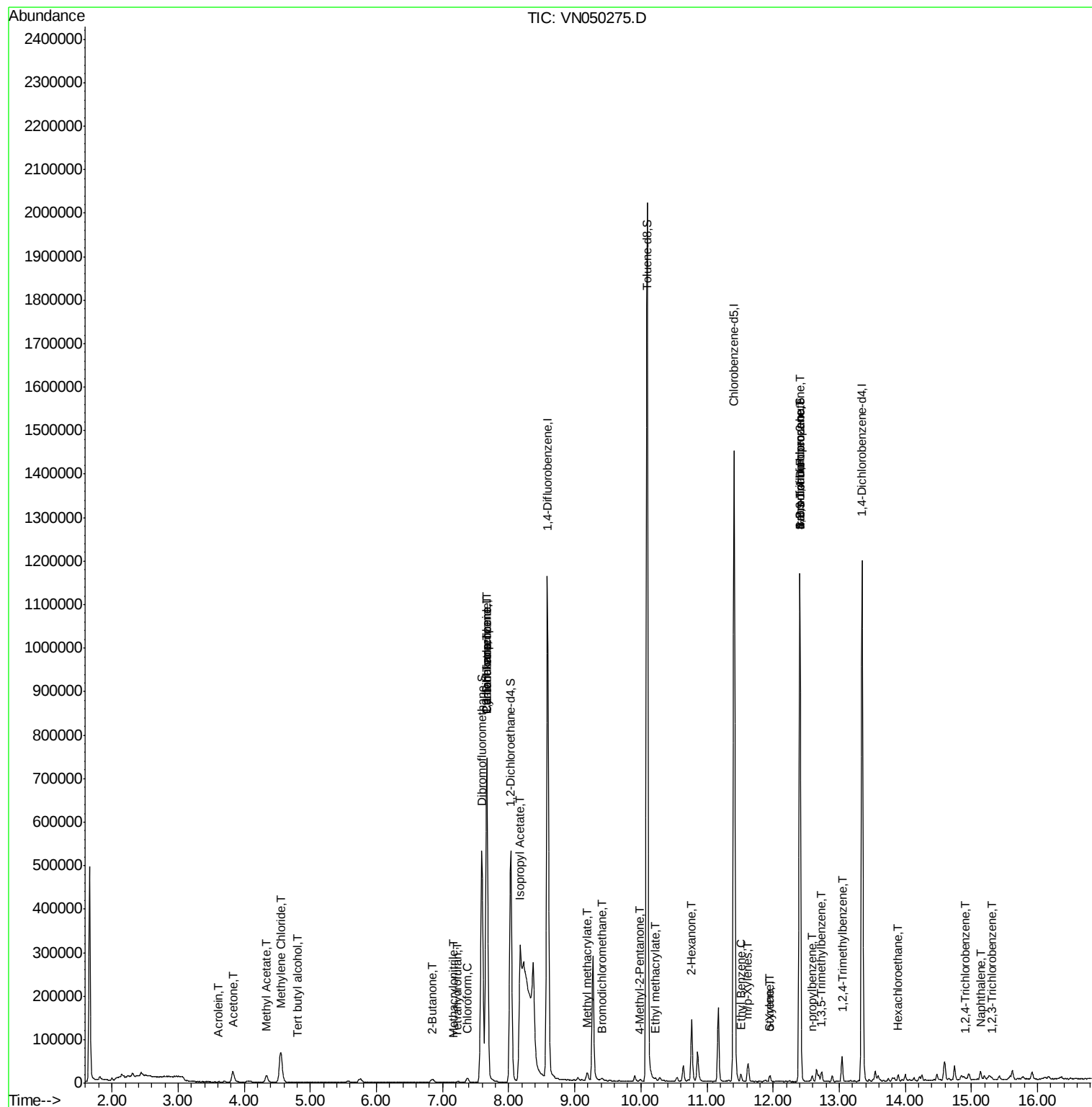
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	790	2.33	ug/l	70

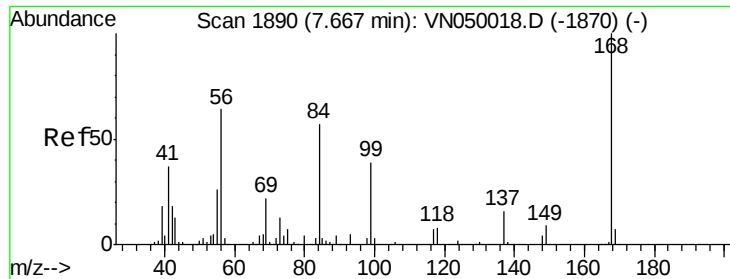
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050275.D
Acq On : 2 Aug 2018 19:54
Operator : MD\SY
Sample : J4278-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

Quant Time: Aug 03 01:16:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

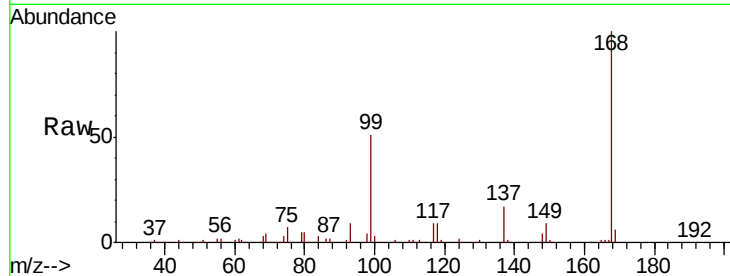
EO-03-080118-B

Tot Ion:168 Resp: 640161

Ion Ratio Lower Upper

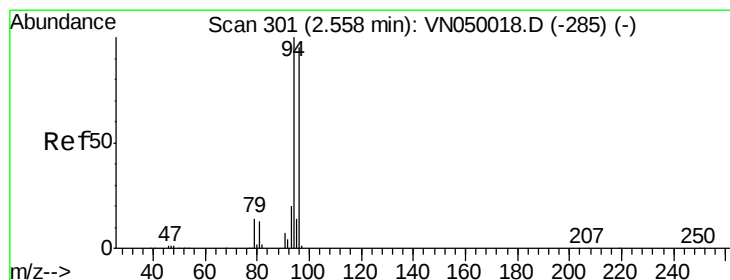
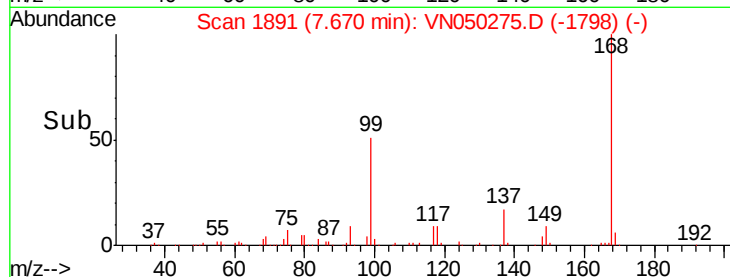
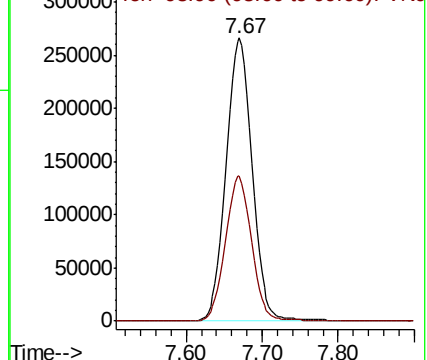
168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 301

Delta R.T. 0.01 min

Lab File: VN050275.D

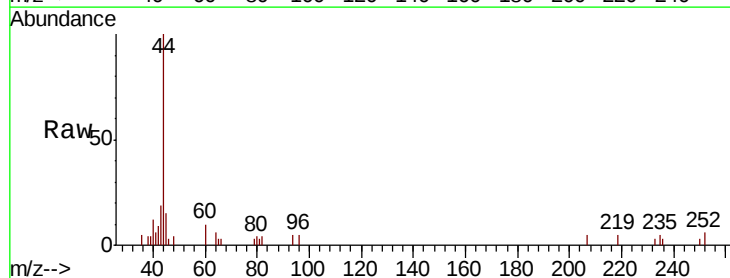
Acq: 2 Aug 2018 19:54

Tgt Ion: 94 Resp: 535

Ion Ratio Lower Upper

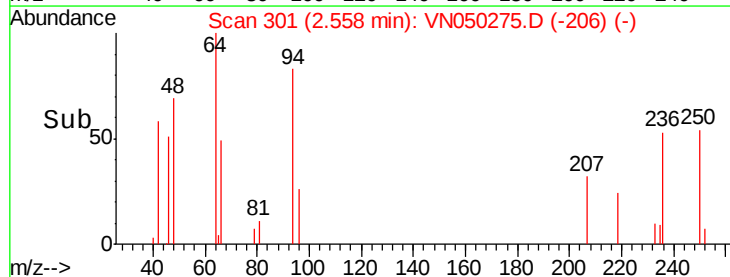
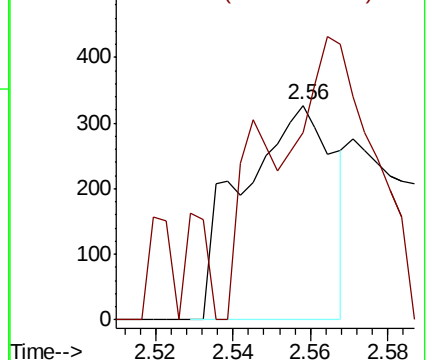
94 100

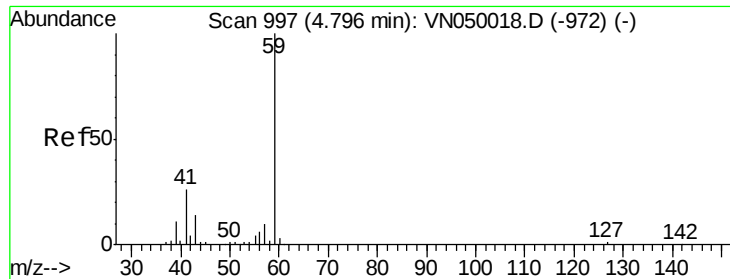
96 37.6 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

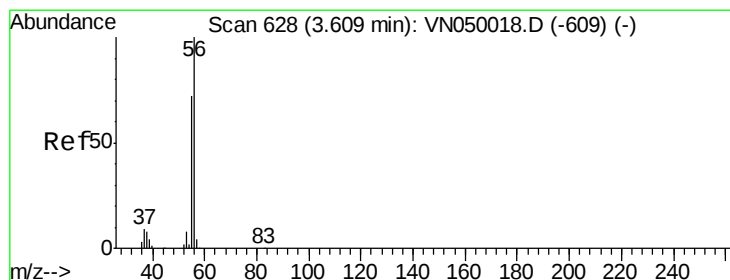
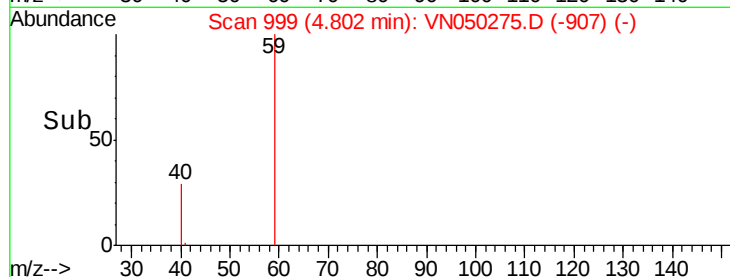
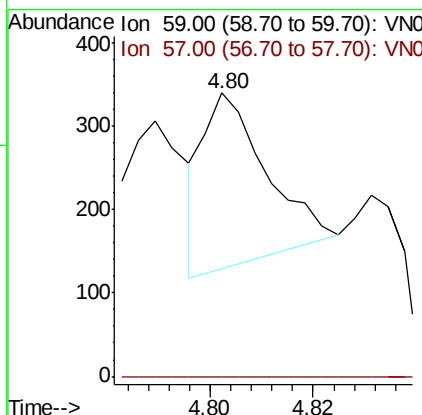
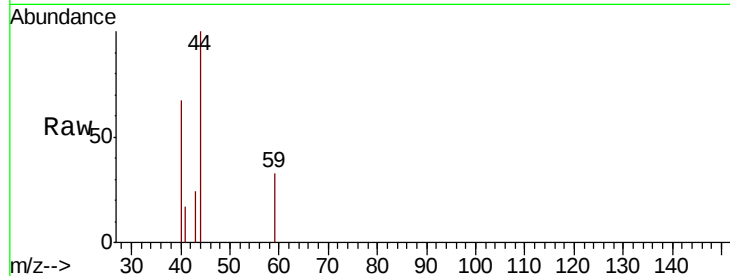




#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 4.80 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

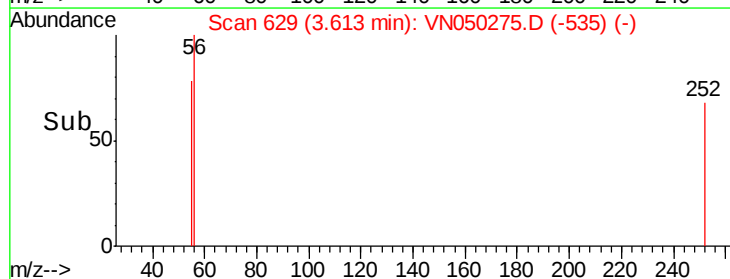
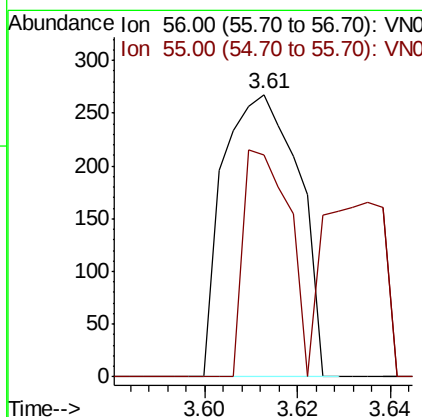
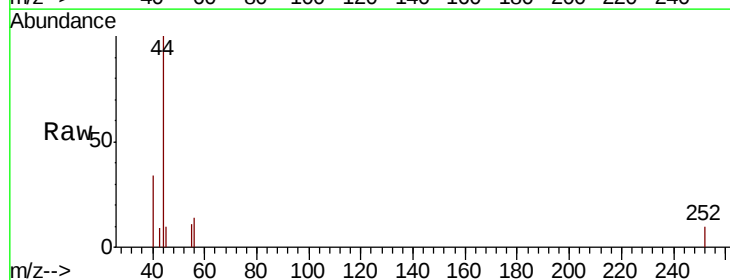
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

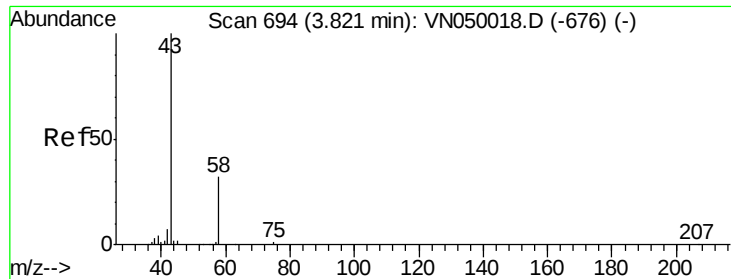
Tot Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.58 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 56 Resp: 304
Ion Ratio Lower Upper
56 100
55 48.4 55.8 83.6#

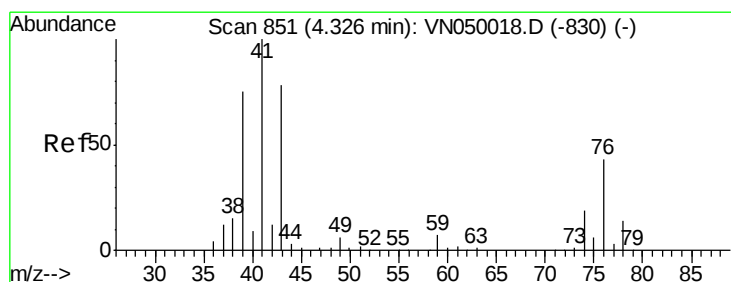
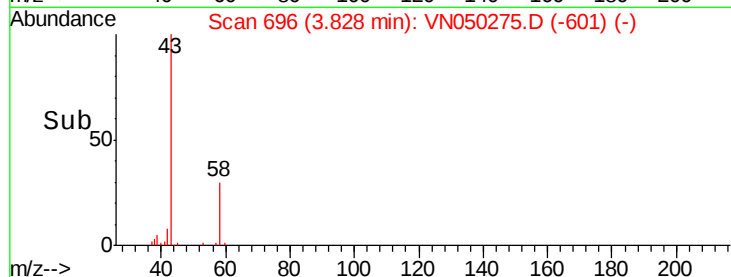
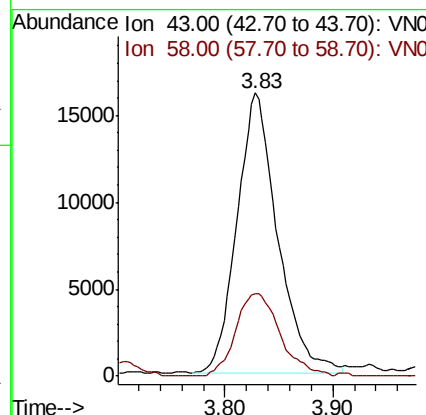
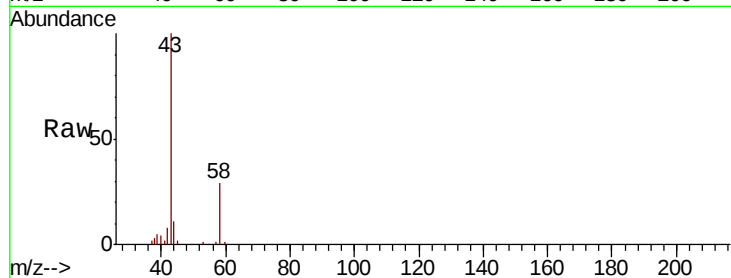




#16
Acetone
Concen: 15.97 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

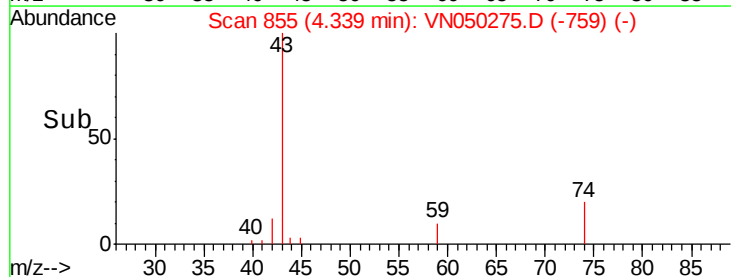
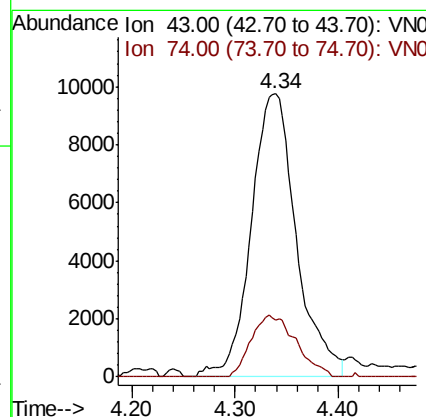
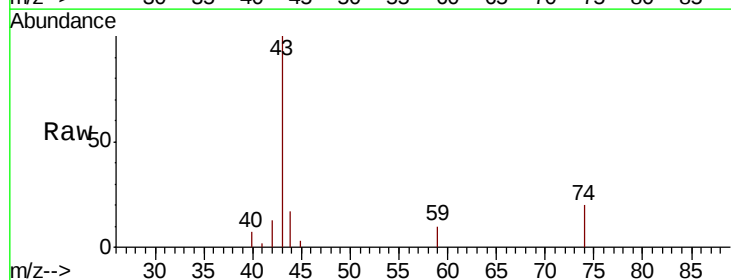
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

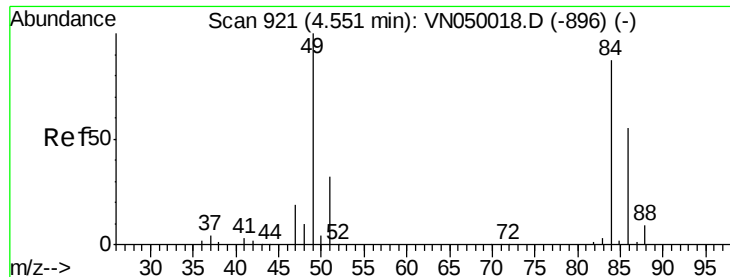
Tot Ion: 43 Resp: 42160
Ion Ratio Lower Upper
43 100
58 29.5 25.8 38.8



#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 29649
Ion Ratio Lower Upper
43 100
74 21.6 19.2 28.8

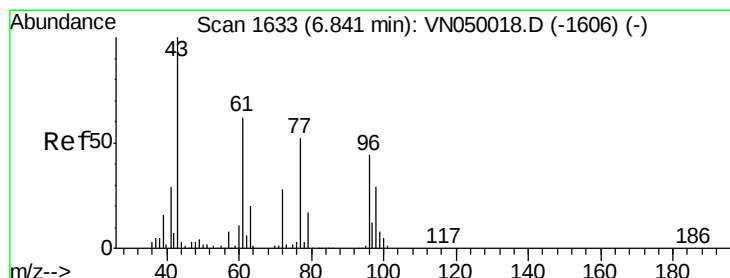
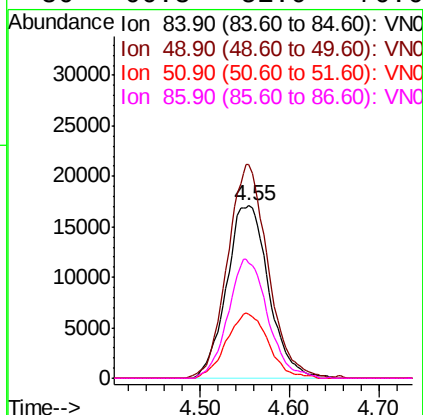
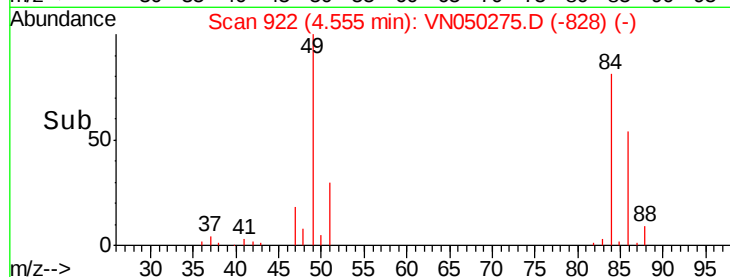
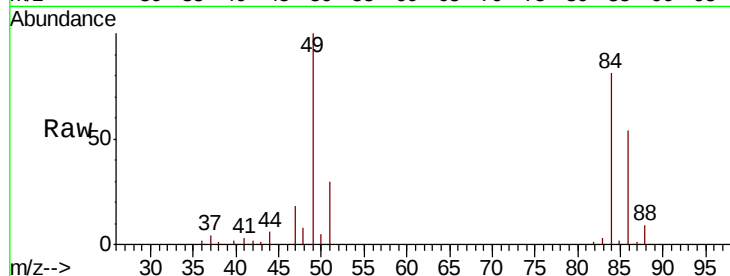




#20
Methvlene Chloride
Concen: 5.98 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

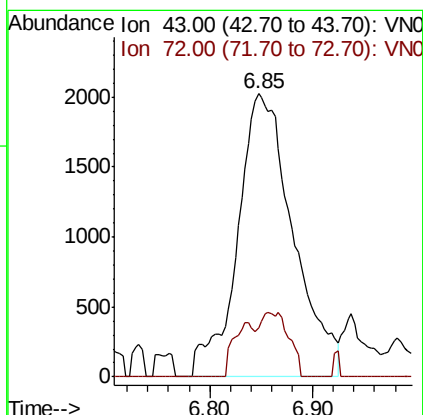
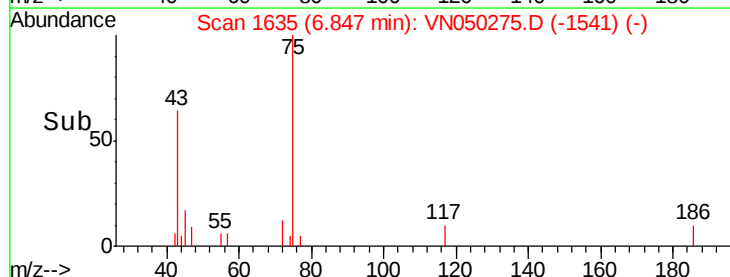
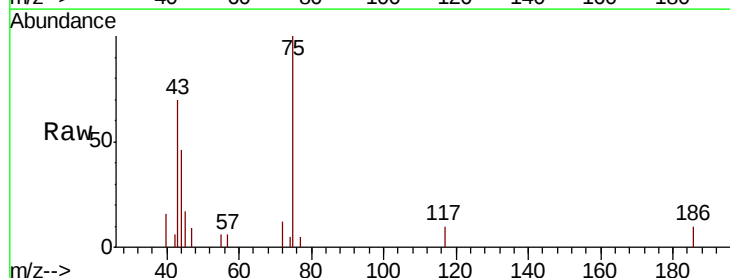
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

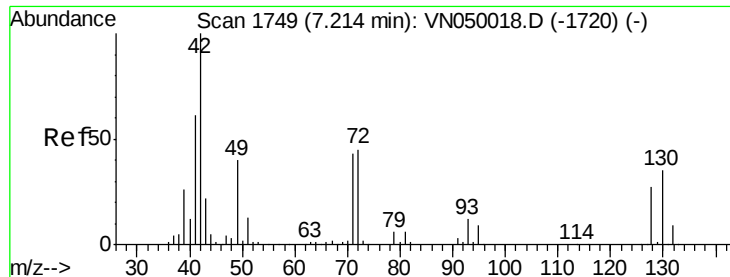
Tot Ion: 84 Resp: 56114
Ion Ratio Lower Upper
84 100
49 122.9 94.8 142.2
51 37.4 28.3 42.5
86 66.8 51.0 76.6



#25
2-Butanone
Concen: 2.22 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 7579
Ion Ratio Lower Upper
43 100
72 17.3 21.5 32.3#





#29

Tetrahydrofuran

Concen: 0.70 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

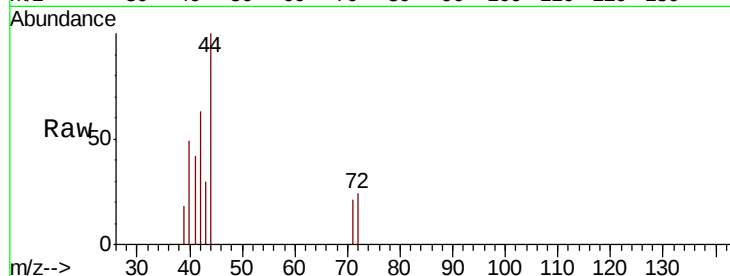
Tot Ion: 42 Resp: 1549

Ion Ratio Lower Upper

42 100

72 23.5 35.9 53.9#

71 26.0 33.7 50.5#

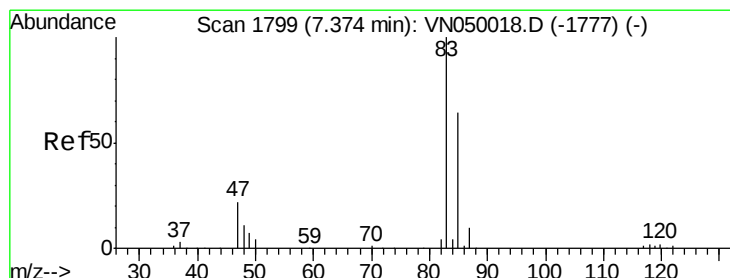
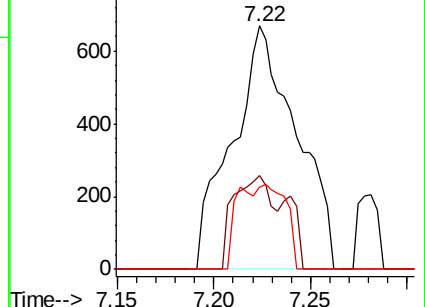
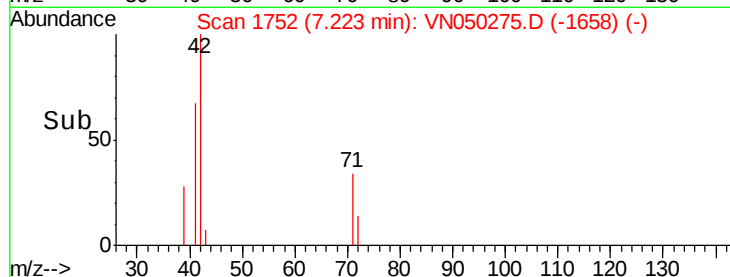


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time--> 7.15 7.20 7.25



#30

Chloroform

Concen: 0.75 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.01 min

Lab File: VN050275.D

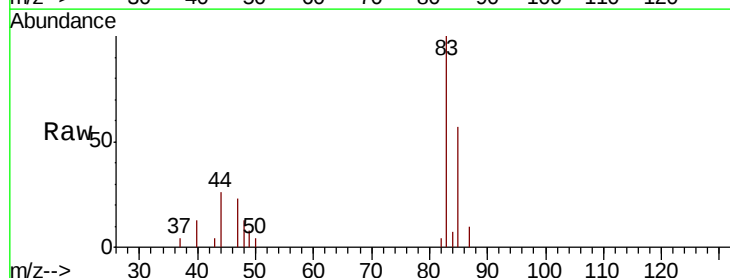
Acq: 2 Aug 2018 19:54

Tgt Ion: 83 Resp: 11354

Ion Ratio Lower Upper

83 100

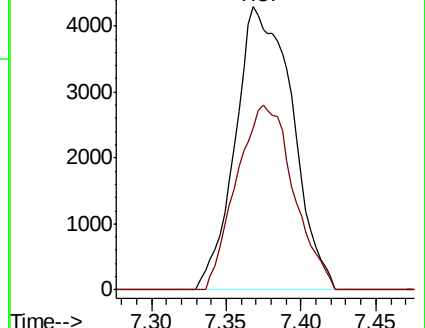
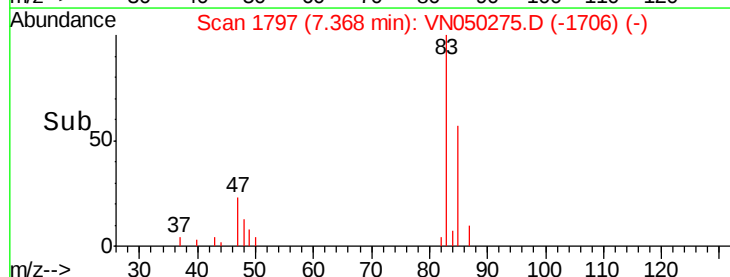
85 57.3 52.5 78.7

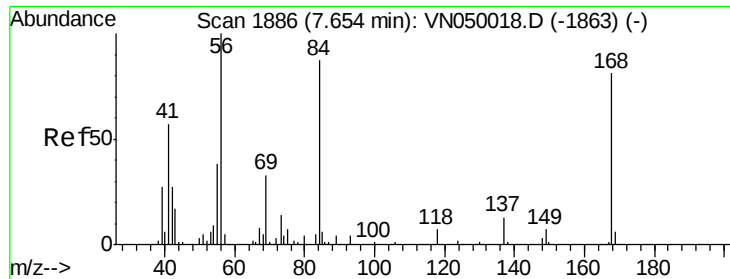


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time--> 7.30 7.35 7.40 7.45

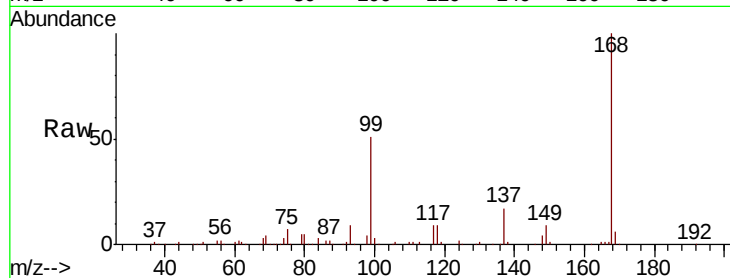




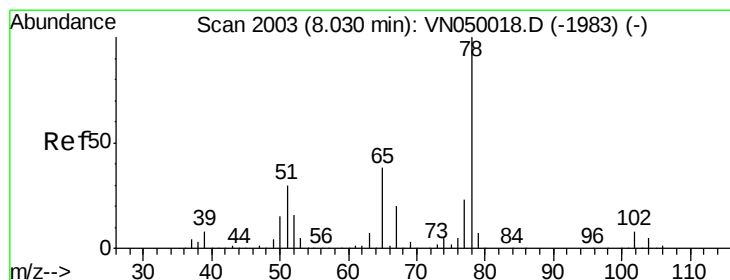
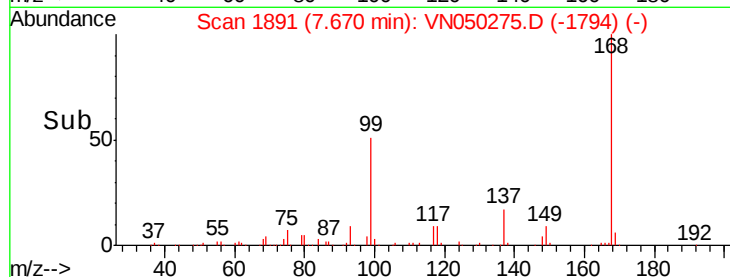
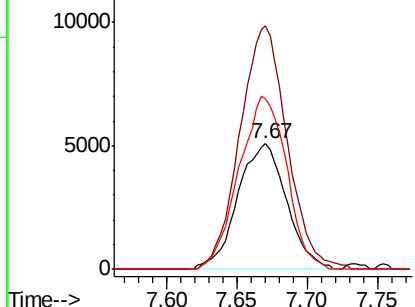
#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

Tot Ion: 56 Resp: 12338
Ion Ratio Lower Upper
56 100
69 193.8 26.2 39.4#
84 136.2 67.4 101.0#

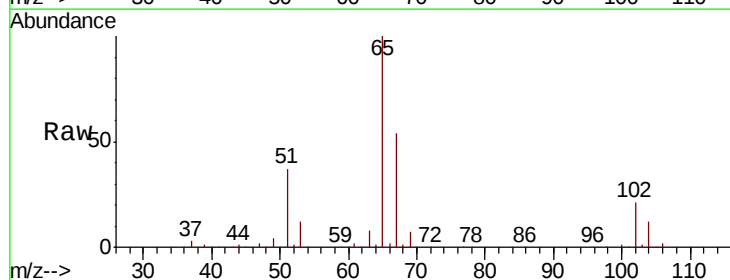


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

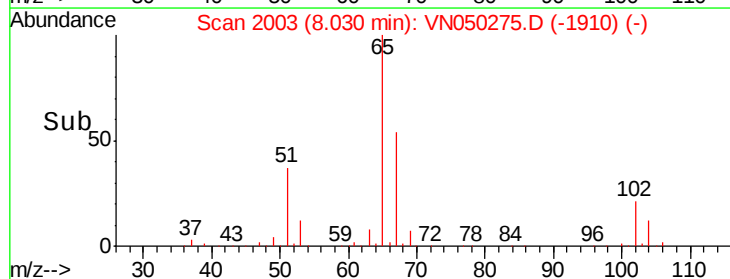
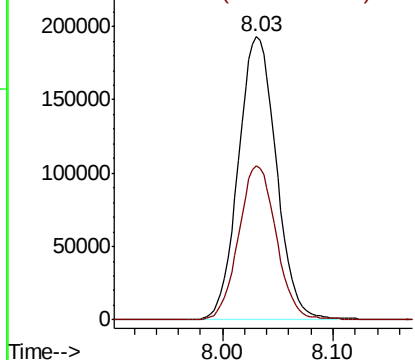


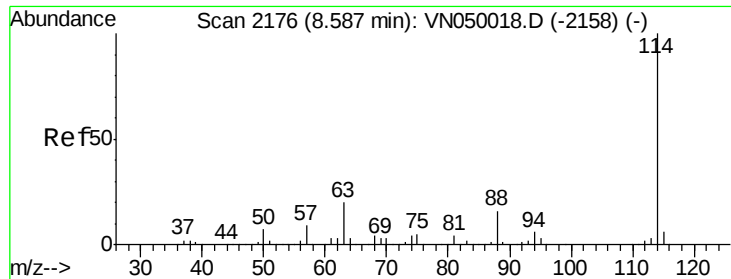
#33
1,2-Dichloroethane-d4
Concen: 51.53 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 65 Resp: 460278
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

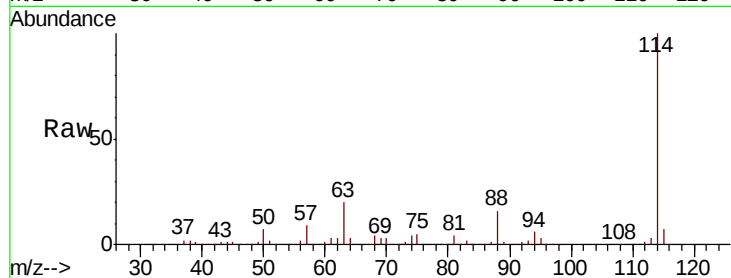




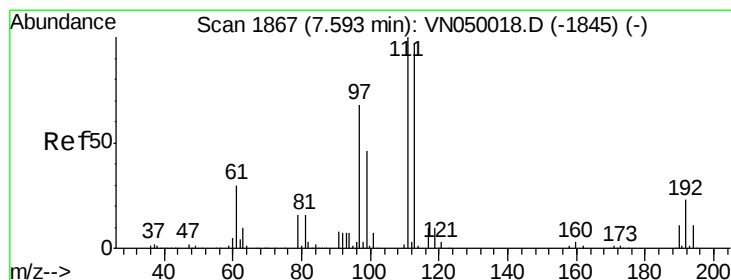
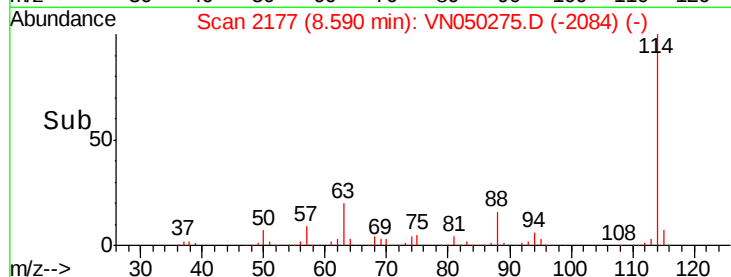
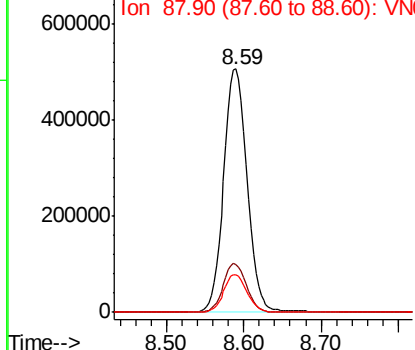
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-B

Tot Ion:114 Resp: 1071700
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.6 0.0 31.2

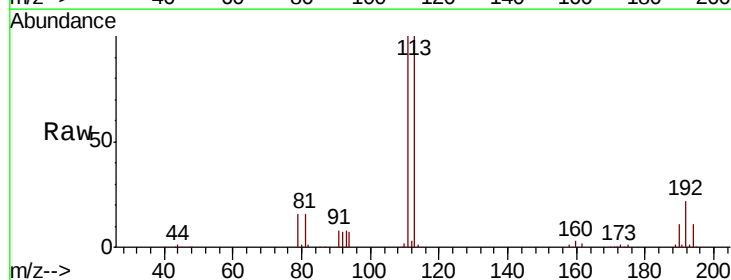


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

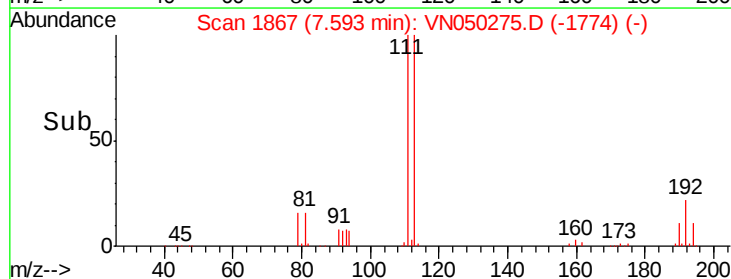
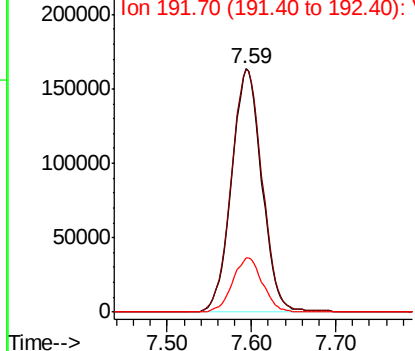


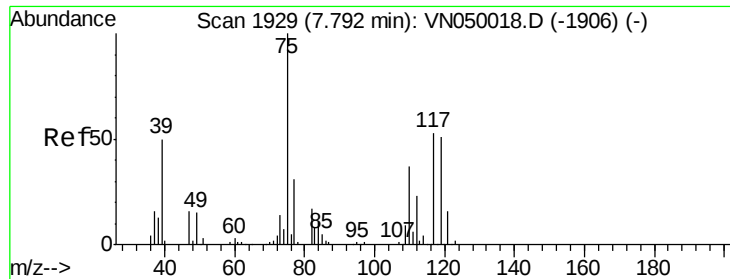
#35
 Dibromofluoromethane
 Concen: 46.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Tgt Ion:113 Resp: 408262
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 22.1 17.8 26.6



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: 3.68 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.13 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

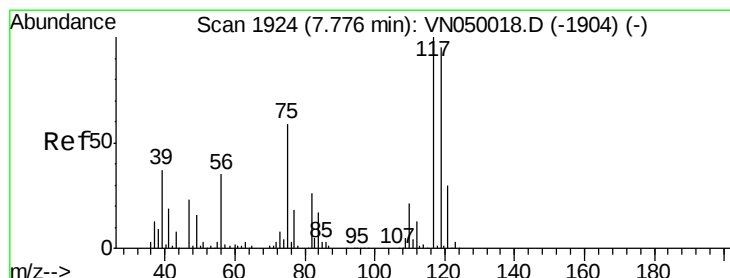
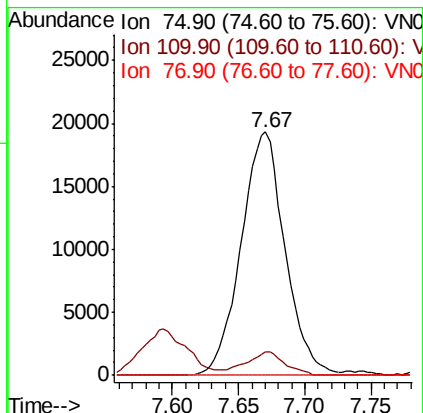
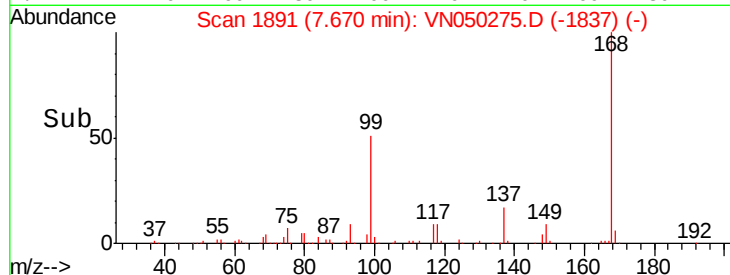
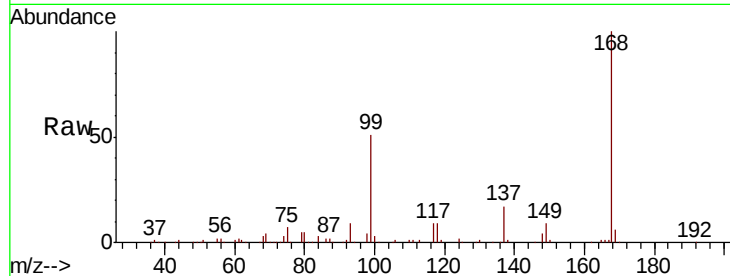
Tot Ion: 75 Resp: 44380

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.58 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

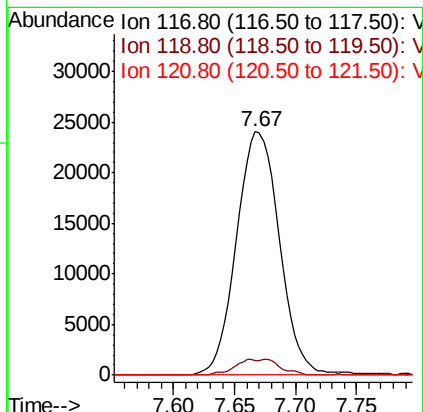
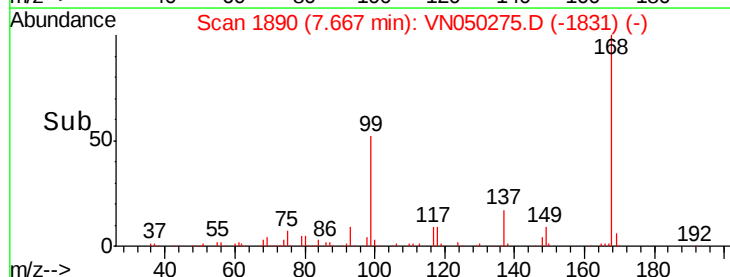
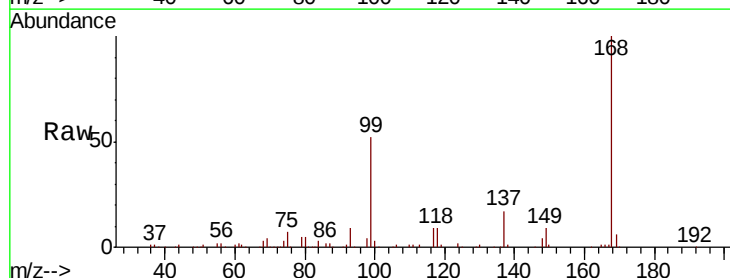
Tgt Ion: 117 Resp: 58648

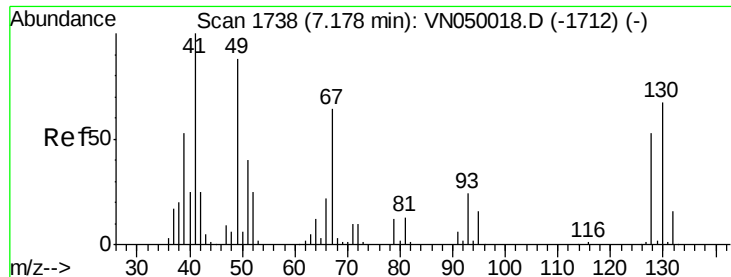
Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

121 0.0 23.9 35.9#

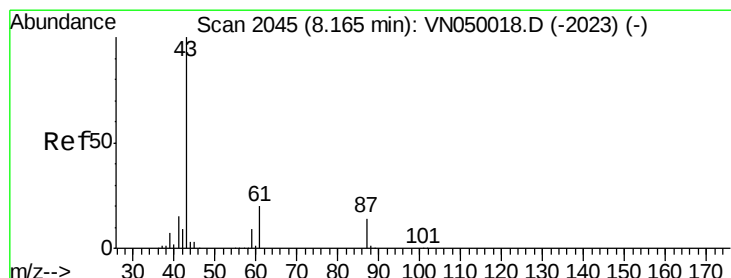
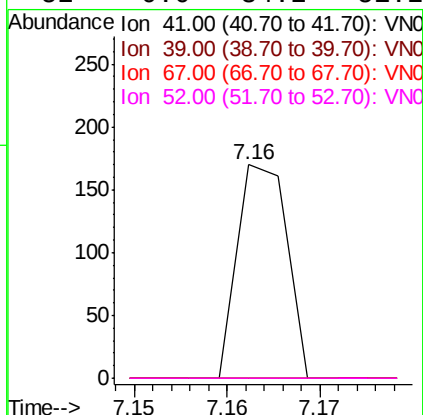
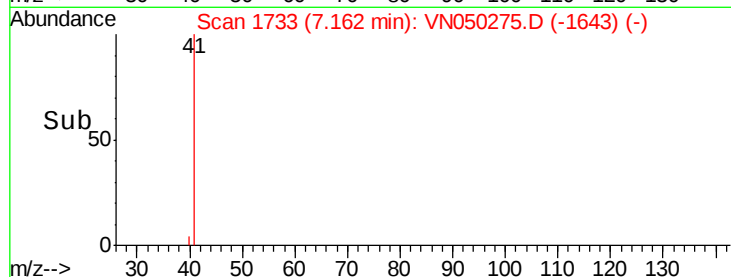
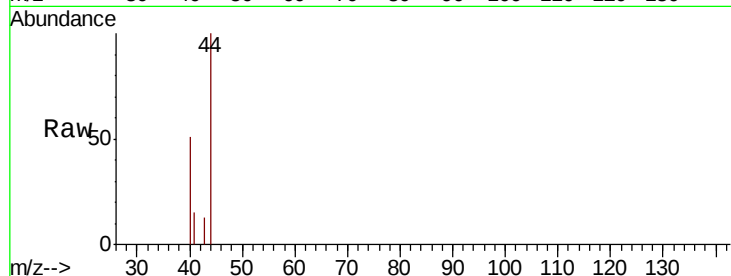




#41
Methacrylonitrile
Concen: 2.76 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. -0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

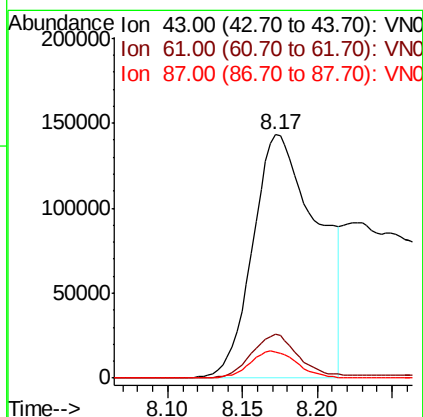
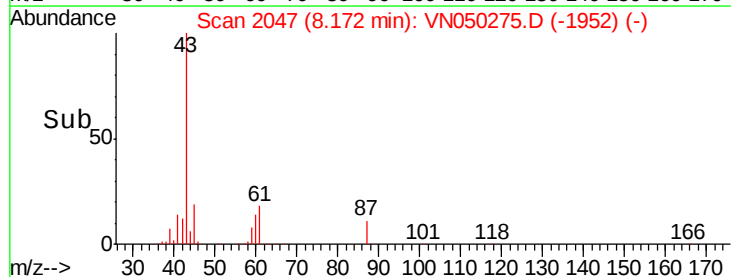
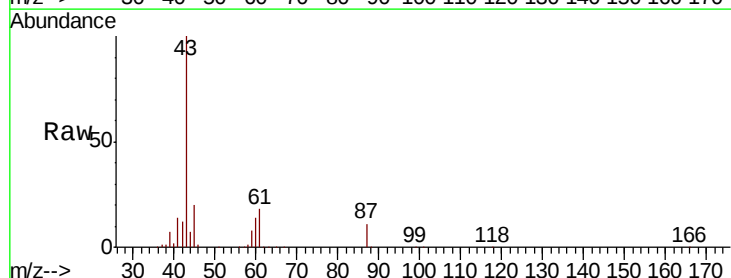
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

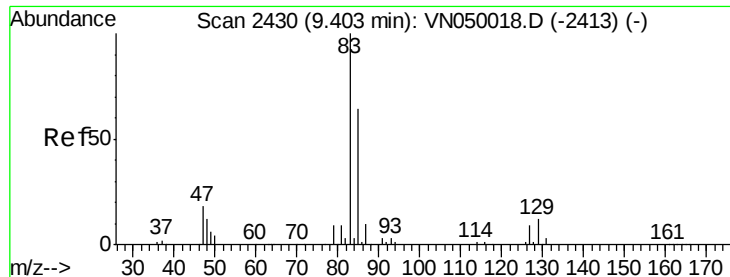
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



#43
Isopropyl Acetate
Concen: 26.54 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	15.8	23.6#
87	8.1	10.3	15.5#





#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

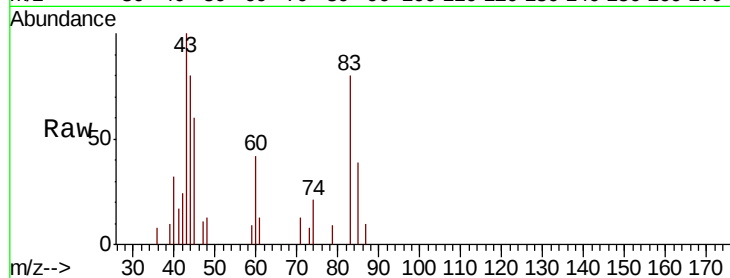
Tot Ion: 83 Resp: 2630

Ion Ratio Lower Upper

83 100

85 48.7 51.1 76.7#

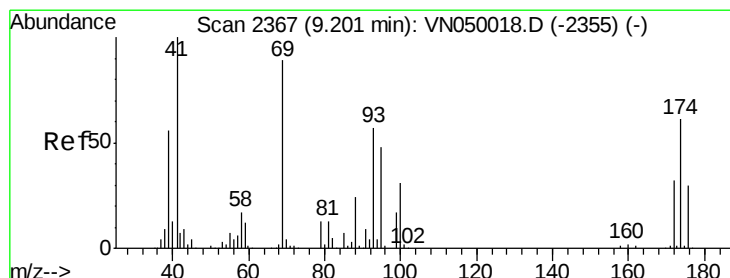
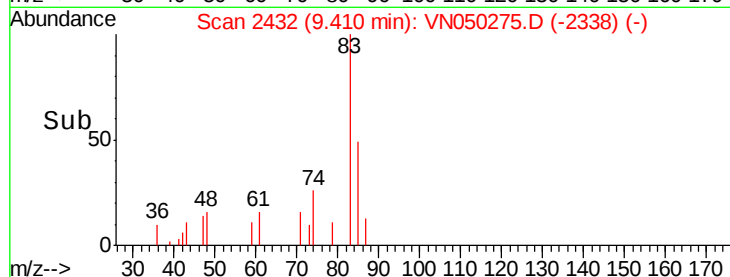
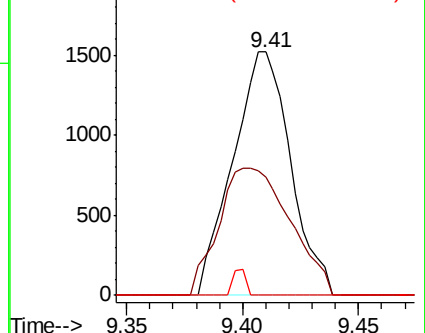
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 1.39 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

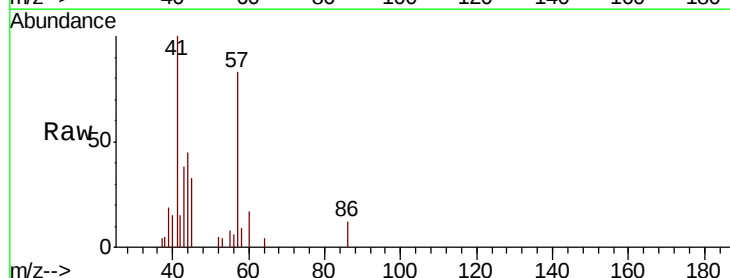
Tgt Ion: 41 Resp: 10093

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

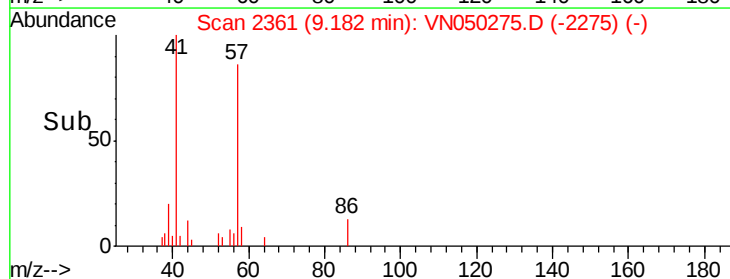
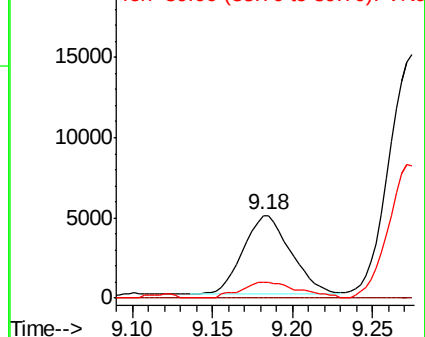
39 24.6 43.9 65.9#

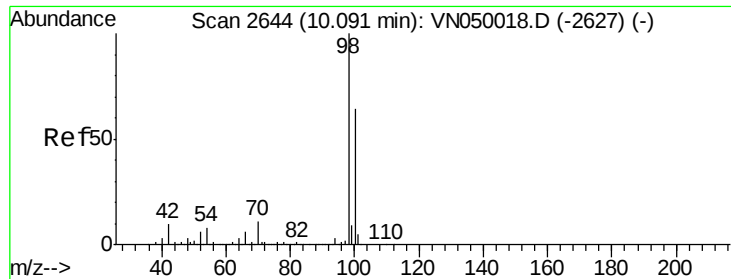


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 44.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

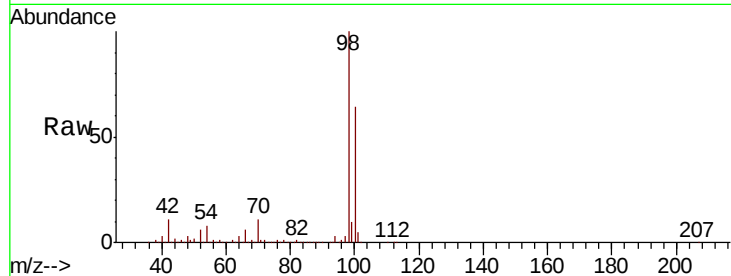
EO-03-080118-B

Tot Ion: 98 Resp: 1441301

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

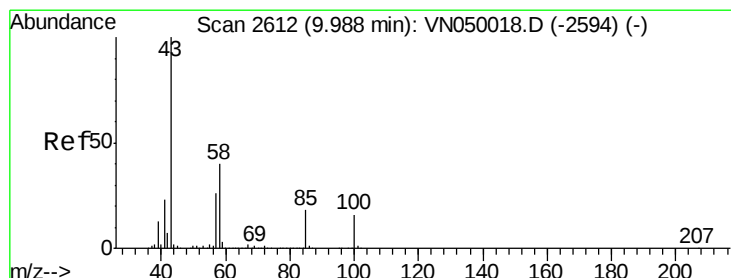
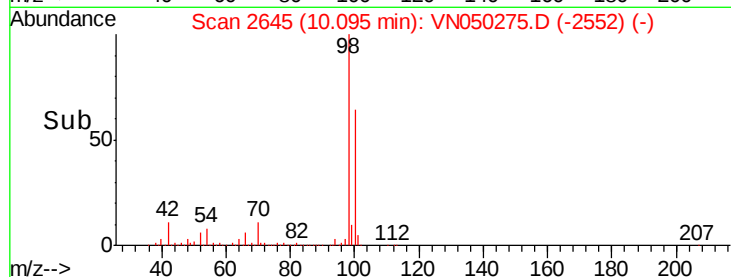
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050275.D

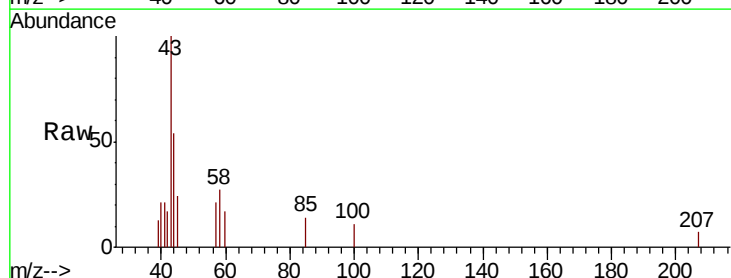
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 4085

Ion Ratio Lower Upper

43 100

58 32.6 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-2594) (-)

9.99

3000

2500

2000

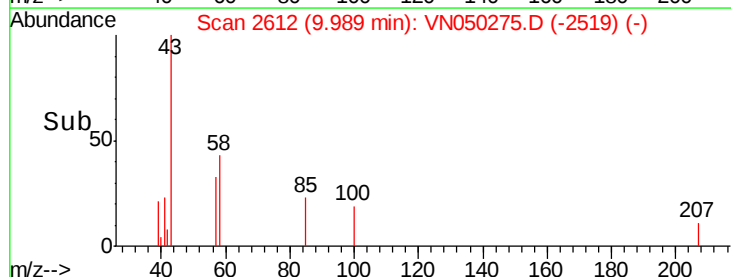
1500

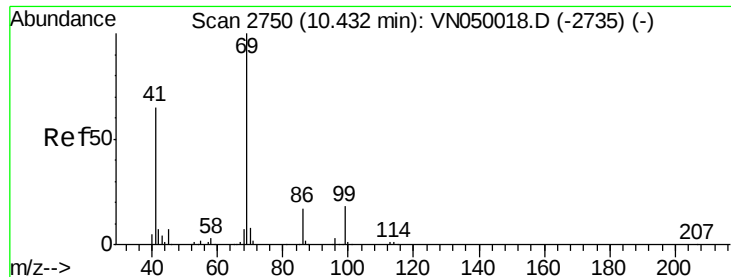
1000

500

0

Time-->

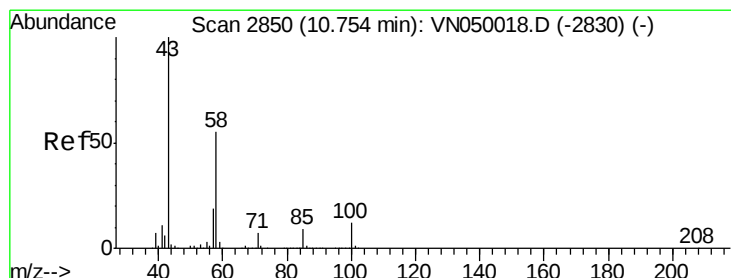
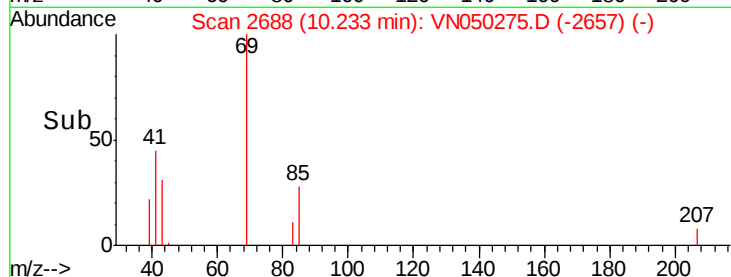
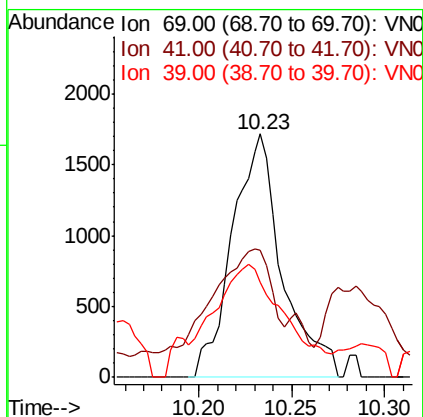
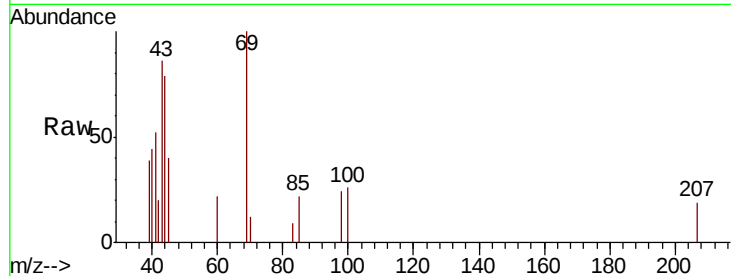




#56
Ethyl methacrylate
Concen: 2.29 ug/l
RT: 10.23 min Scan# 2688
Delta R.T. -0.20 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

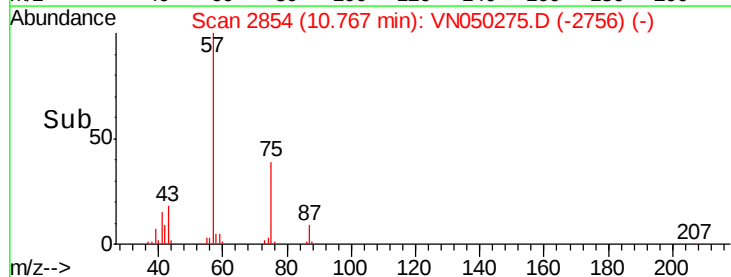
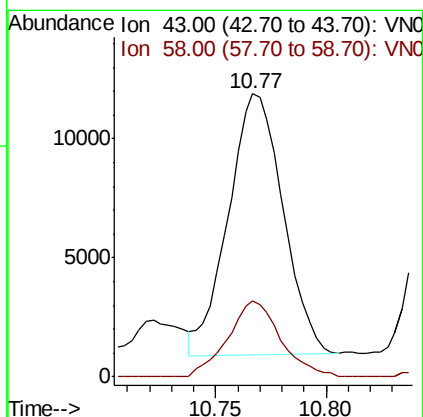
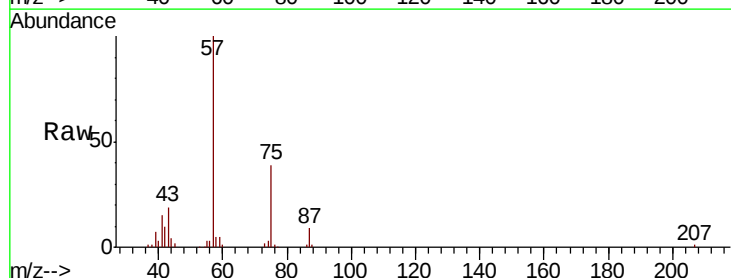
Instrument :
MSVOA_N
ClientSampled :
EO-03-080118-B

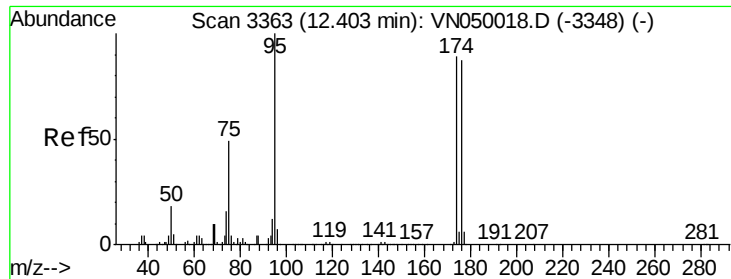
Tot Ion: 69 Resp: 3205
Ion Ratio Lower Upper
69 100
41 43.9 51.0 76.4#
39 72.2 26.6 40.0#



#59
2-Hexanone
Concen: 8.21 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 43 Resp: 18861
Ion Ratio Lower Upper
43 100
58 28.2 27.6 82.7

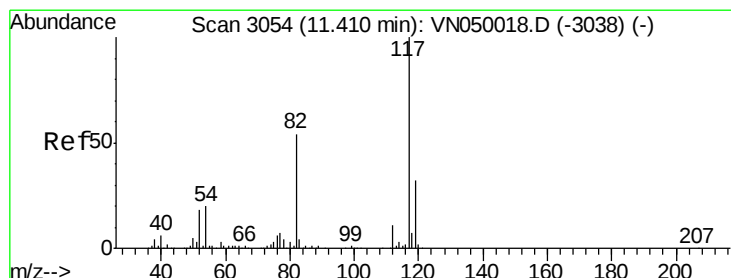
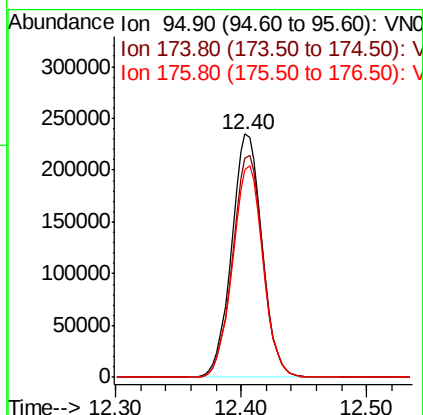
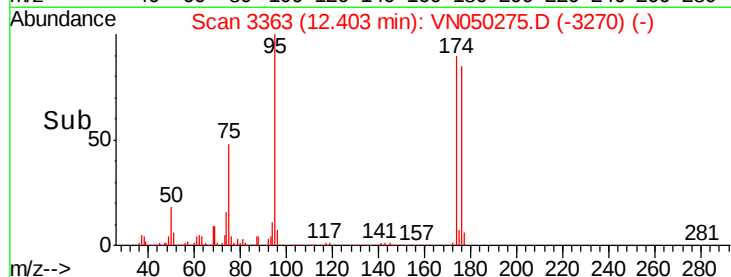
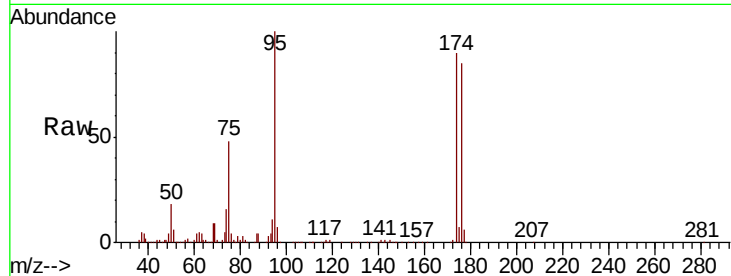




#62
4-Bromofluorobenzene
Concen: 37.24 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

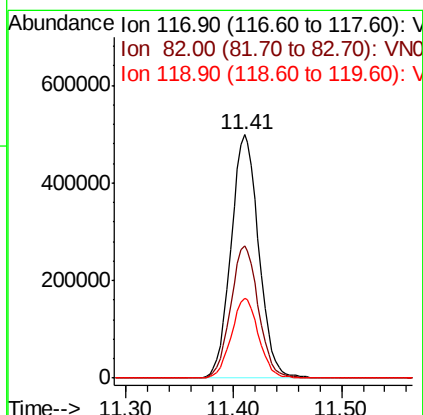
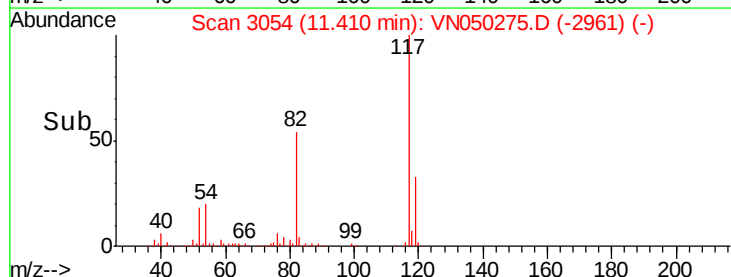
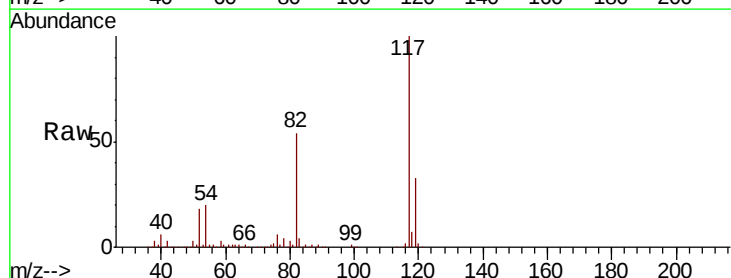
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

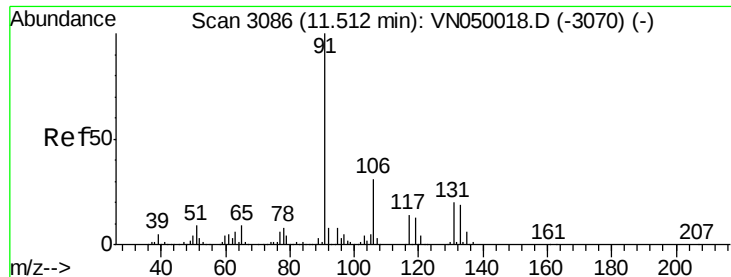
Tot Ion: 95 Resp: 394464
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 87.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion: 117 Resp: 896010
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 33.0 26.1 39.1





#67

Ethyl Benzene

Concen: 0.34 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampled :

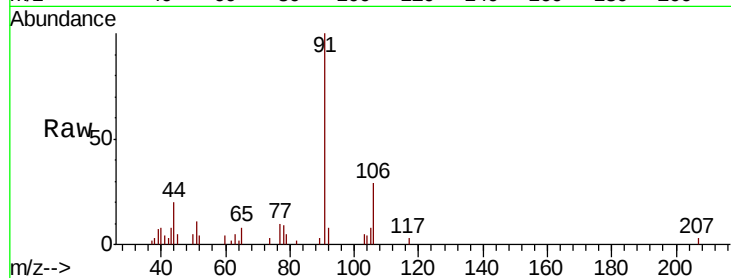
EO-03-080118-B

Tot Ion: 91 Resp: 12455

Ion Ratio Lower Upper

91 100

106 28.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3070) (-)

Ion 106.00 (105.70 to 106.70): VN050018.D (-3070) (-)

11.51

8000

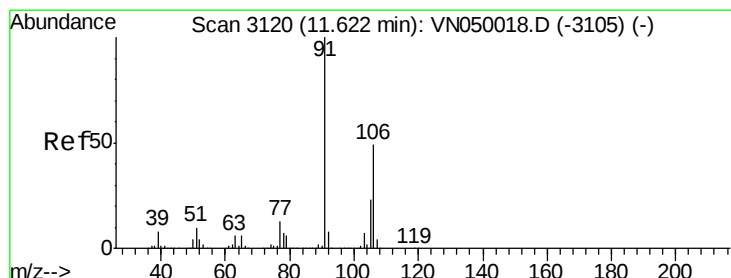
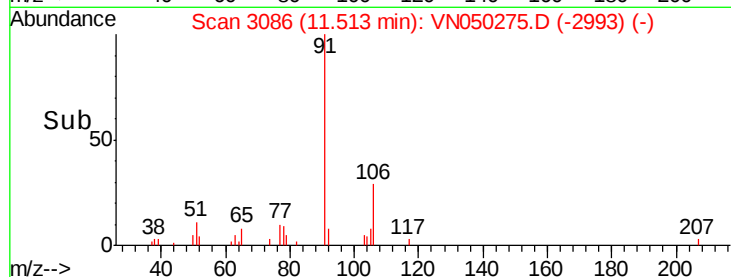
6000

4000

2000

0

Time--> 11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 0.99 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.01 min

Lab File: VN050275.D

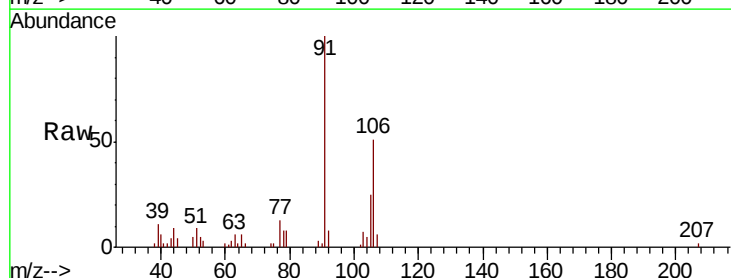
Acq: 2 Aug 2018 19:54

Tgt Ion: 106 Resp: 13678

Ion Ratio Lower Upper

106 100

91 193.5 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VN050018.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN050018.D (-3105) (-)

11.62

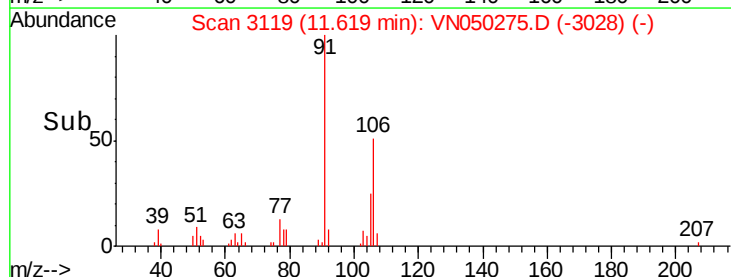
15000

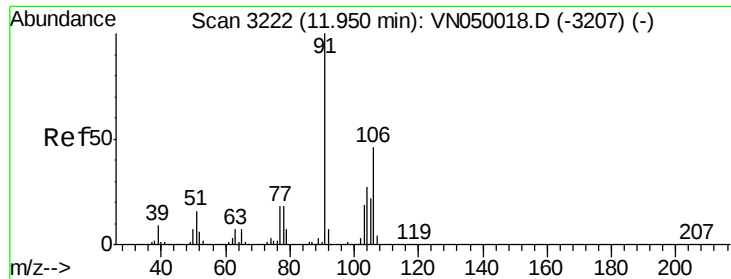
10000

5000

0

Time--> 11.55 11.60 11.65

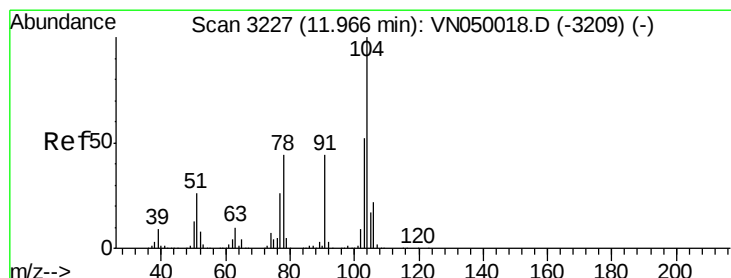
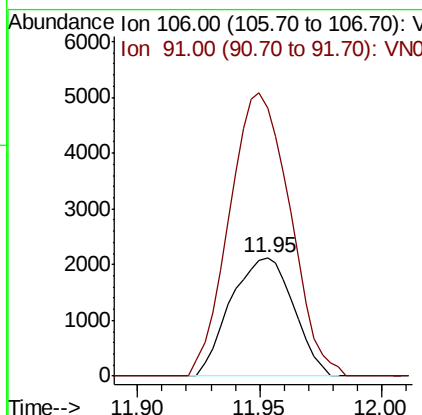
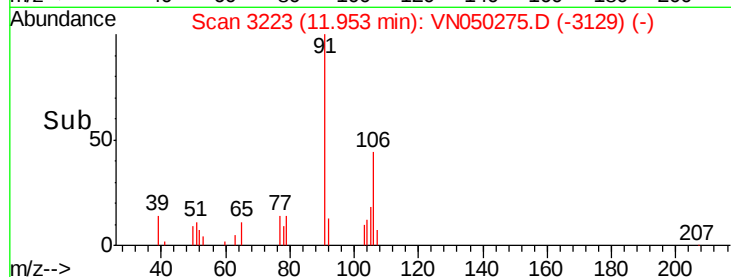
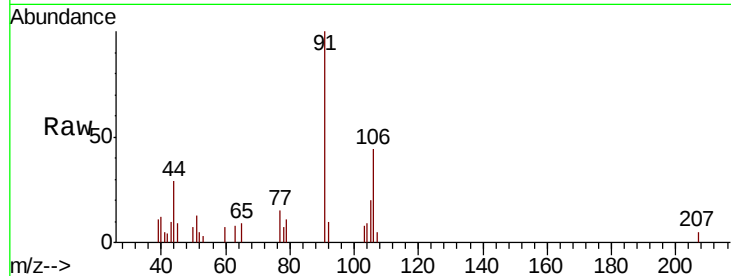




#69
o-Xylene
Concen: 0.29 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

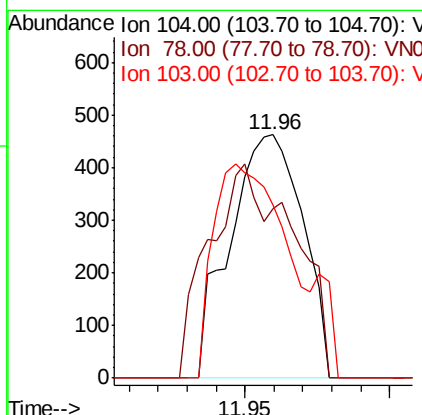
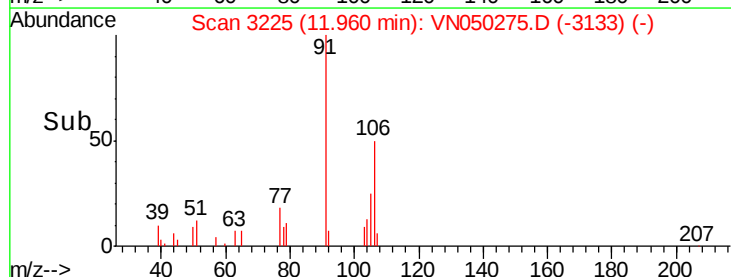
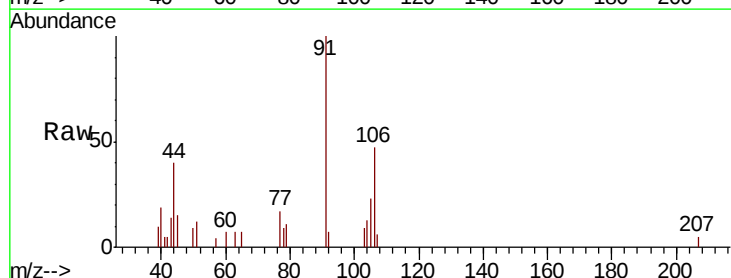
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-B

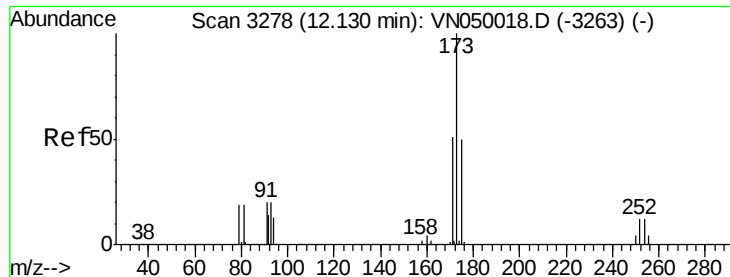
Tot Ion:106 Resp: 3793
Ion Ratio Lower Upper
106 100
91 230.9 107.7 323.1



#70
Styrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.01 min
Lab File: VN050275.D
Acq: 2 Aug 2018 19:54

Tgt Ion:104 Resp: 809
Ion Ratio Lower Upper
104 100
78 62.8 39.3 58.9#
103 96.3 45.0 67.6#





#71

Bromoform

Concen: 0.28 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

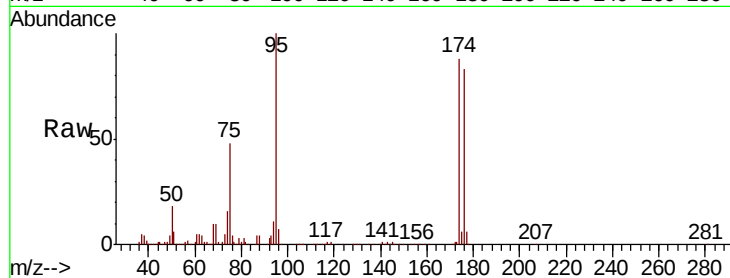
Tot Ion:173 Resp: 1740

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

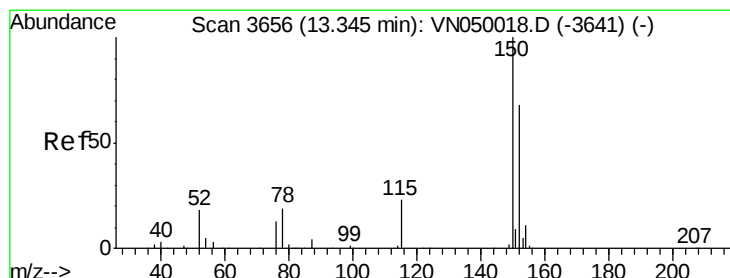
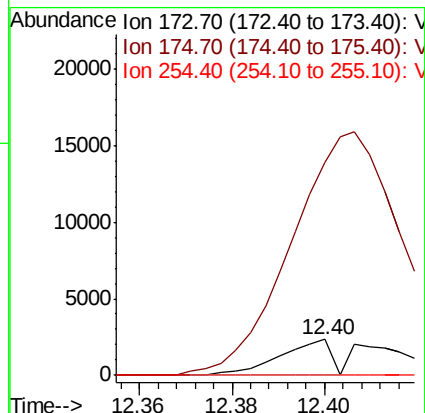
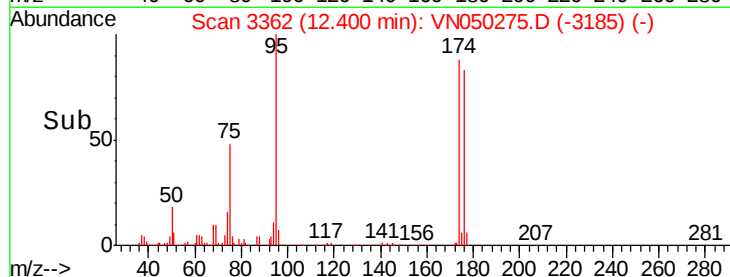
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

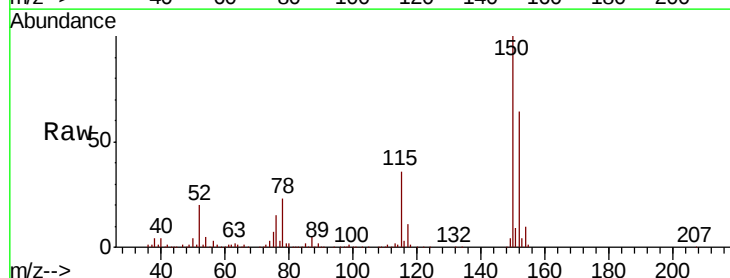
Tgt Ion:152 Resp: 335605

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

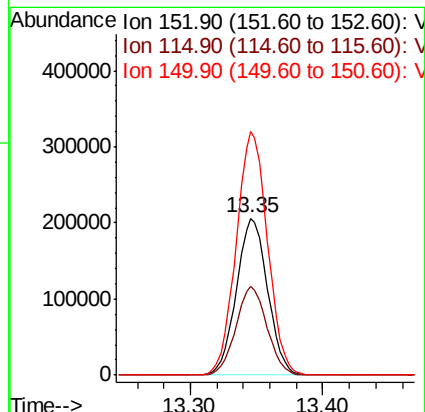
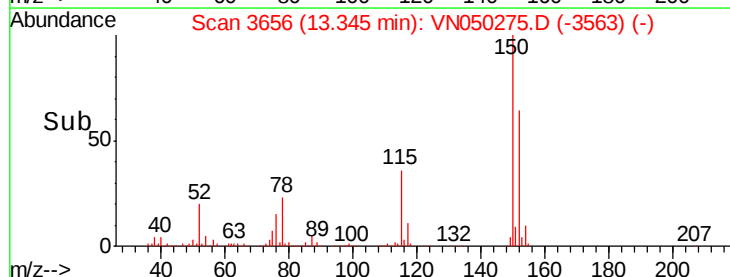
150 155.5 0.0 348.6

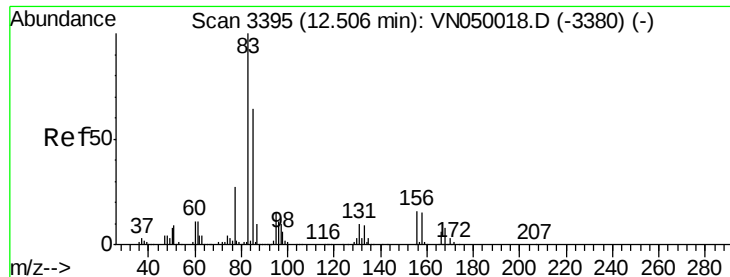


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

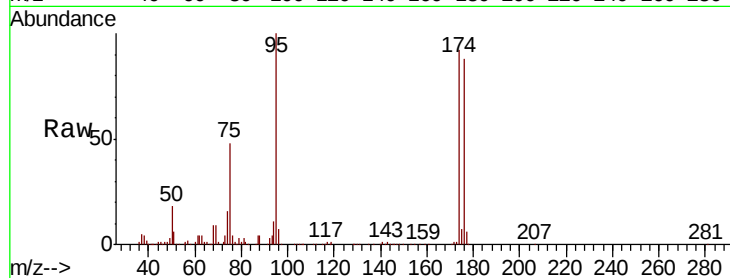
Tot Ion: 83 Resp: 231

Ion Ratio Lower Upper

83 100

131 175.3 5.1 15.3#

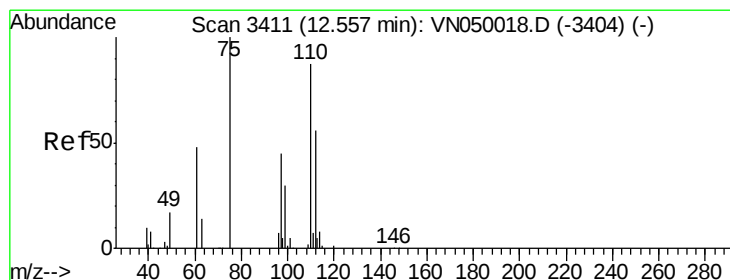
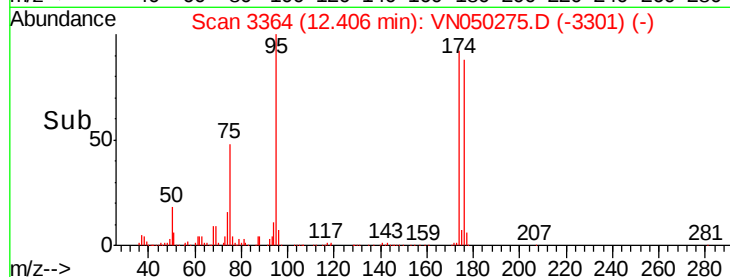
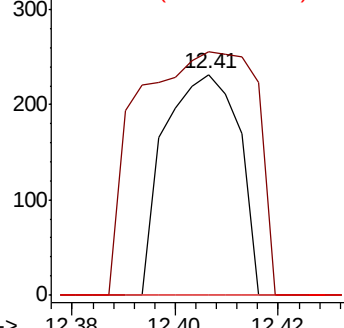
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050275.D

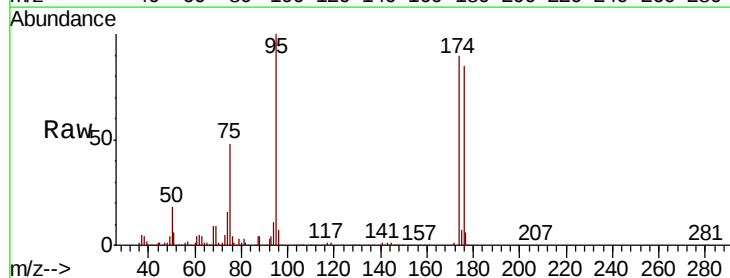
Acq: 2 Aug 2018 19:54

Tgt Ion: 75 Resp: 191952

Ion Ratio Lower Upper

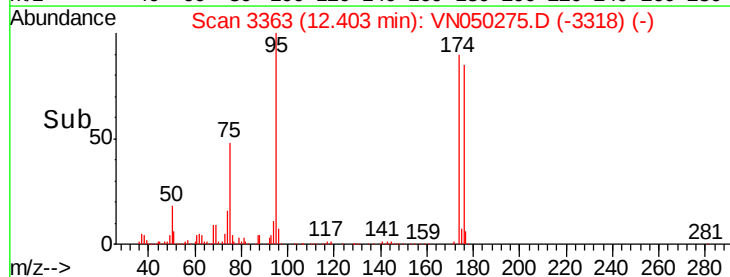
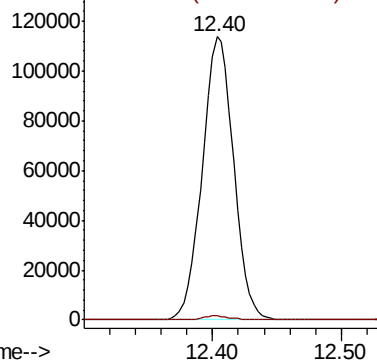
75 100

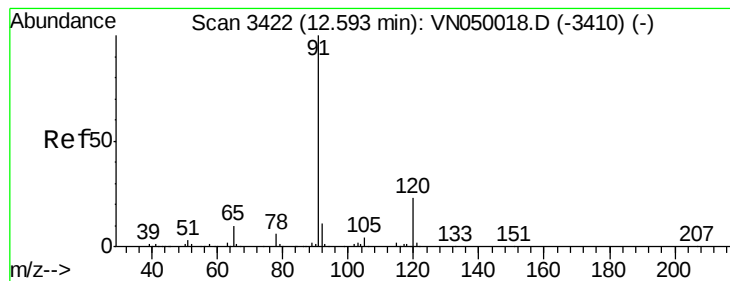
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.29 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampled :

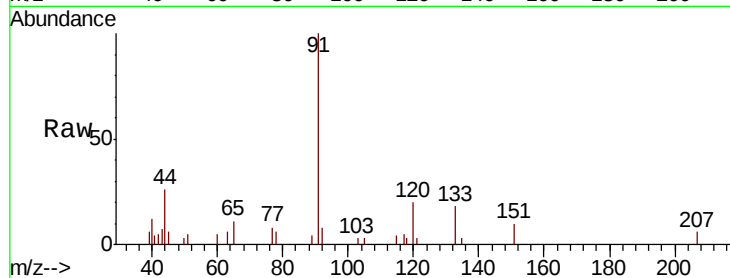
EO-03-080118-B

Tot Ion: 91 Resp: 8296

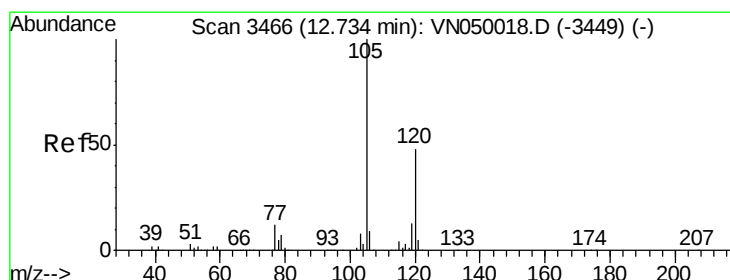
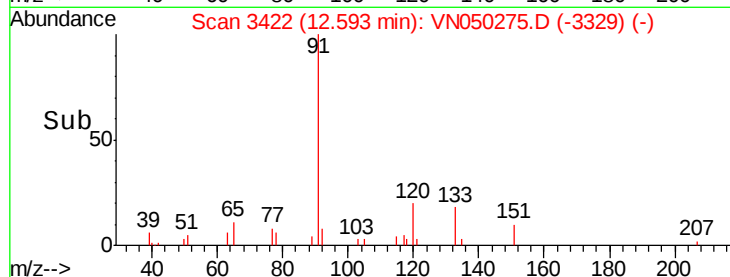
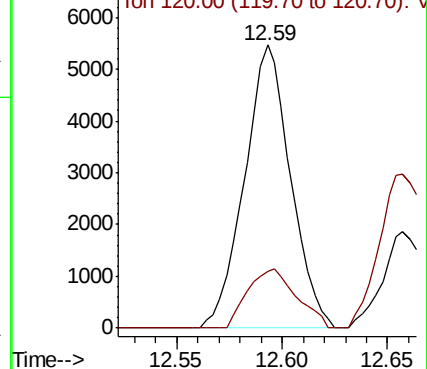
Ion Ratio Lower Upper

91 100

120 22.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3410) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.51 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050275.D

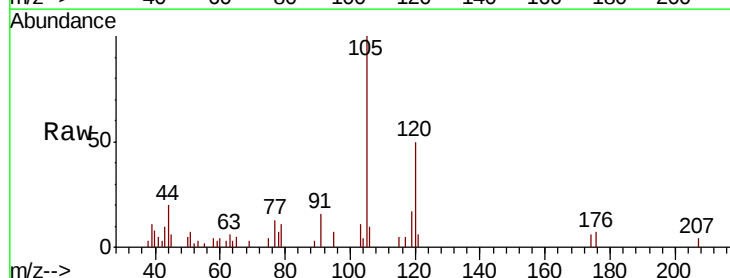
Acq: 2 Aug 2018 19:54

Tgt Ion: 105 Resp: 10431

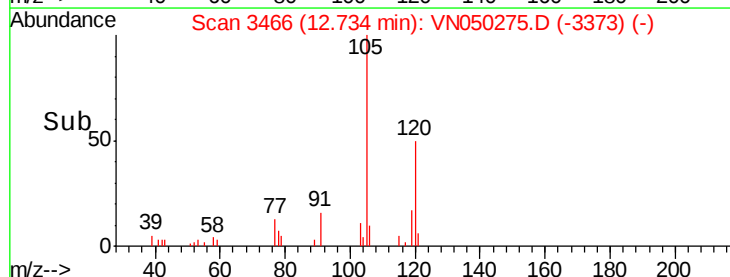
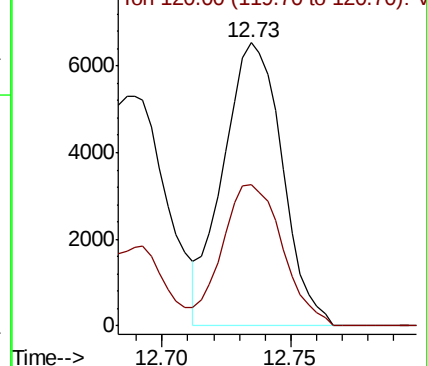
Ion Ratio Lower Upper

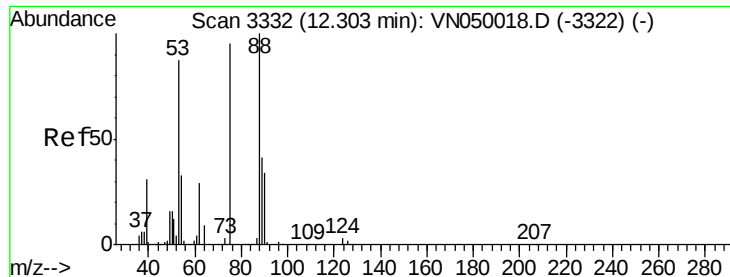
105 100

120 51.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 97.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-B

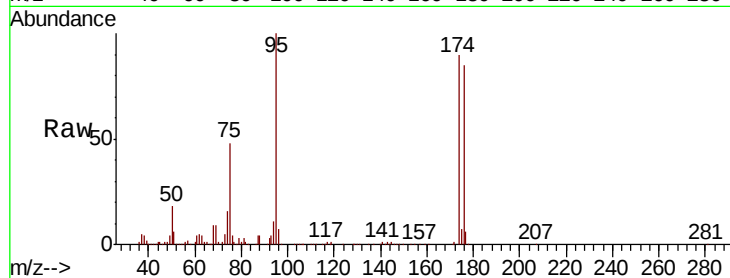
Tot Ion: 75 Resp: 191952

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

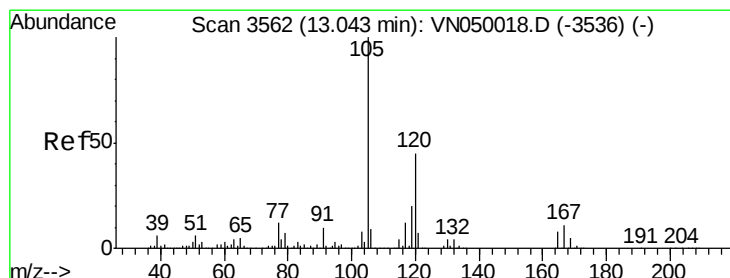
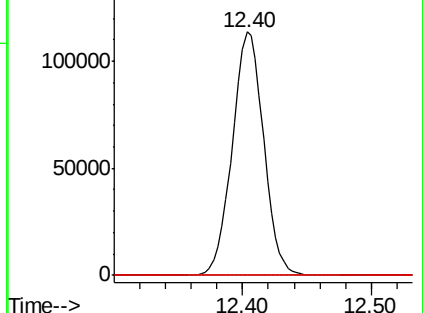
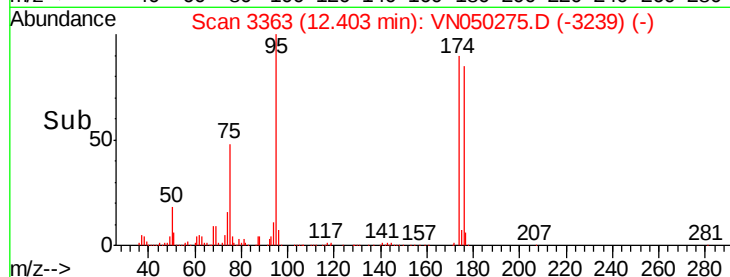
89 0.0 36.0 54.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.56 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050275.D

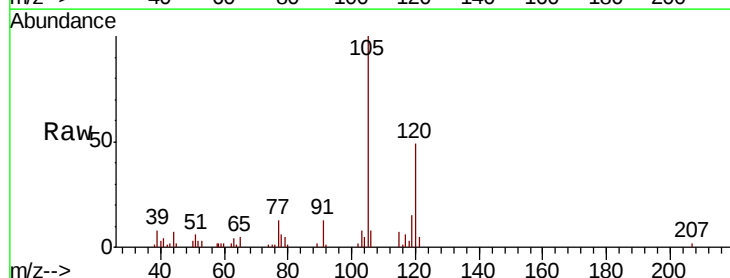
Acq: 2 Aug 2018 19:54

Tgt Ion:105 Resp: 32193

Ion Ratio Lower Upper

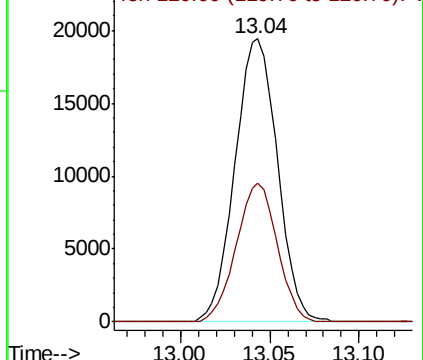
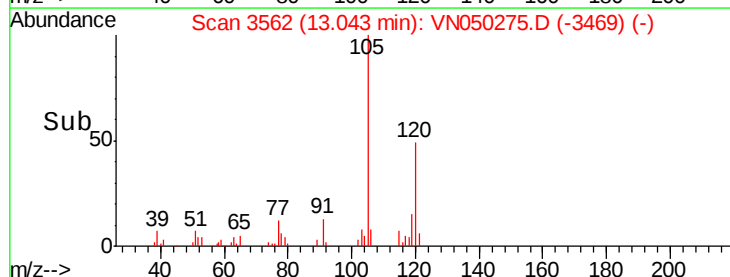
105 100

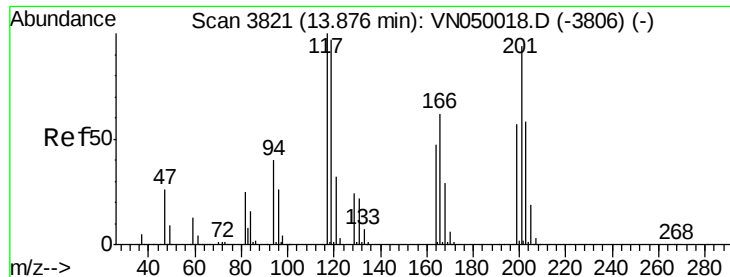
120 47.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.25 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

Instrument :

MSVOA_N

ClientSampleId :

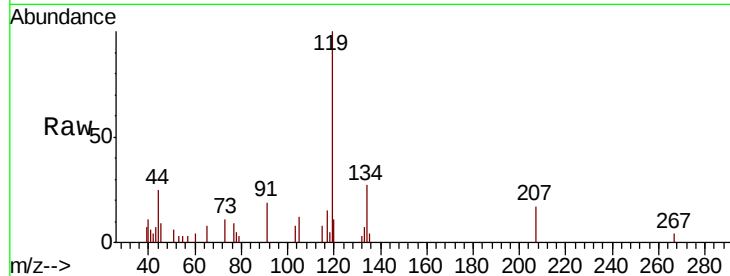
EO-03-080118-B

Tot Ion:117 Resp: 1104

Ion Ratio Lower Upper

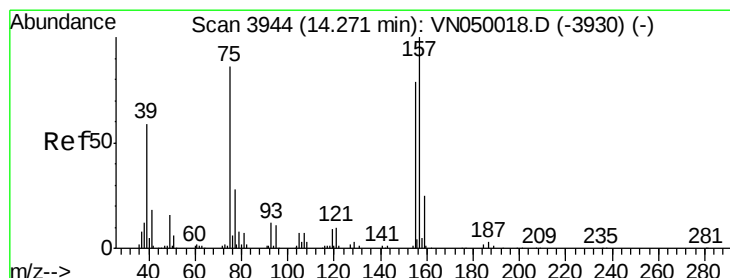
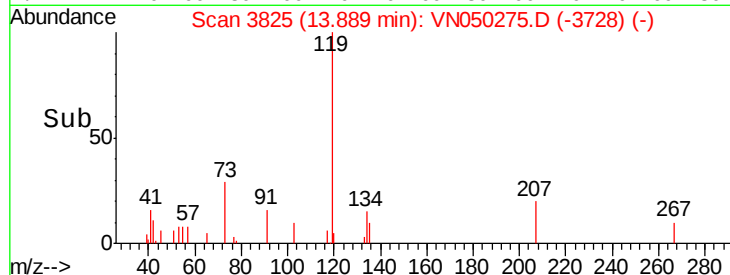
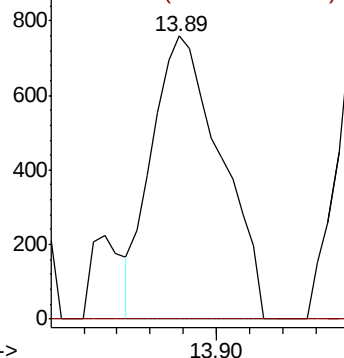
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN050275.D

Acq: 2 Aug 2018 19:54

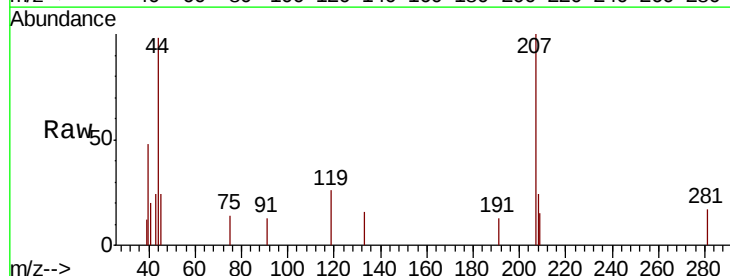
Tgt Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

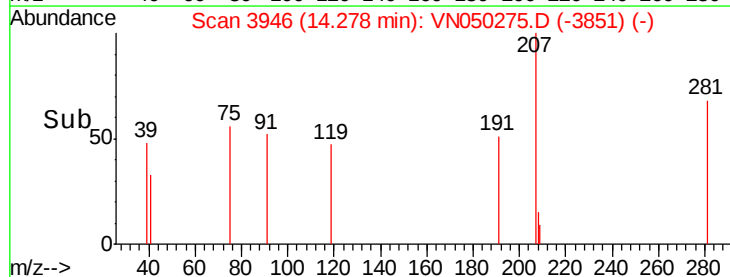
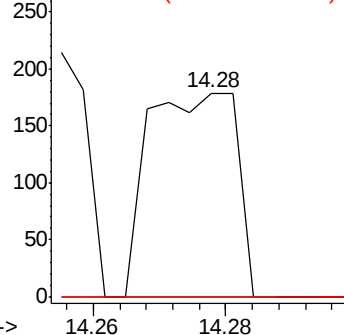
157 0.0 57.2 171.6#

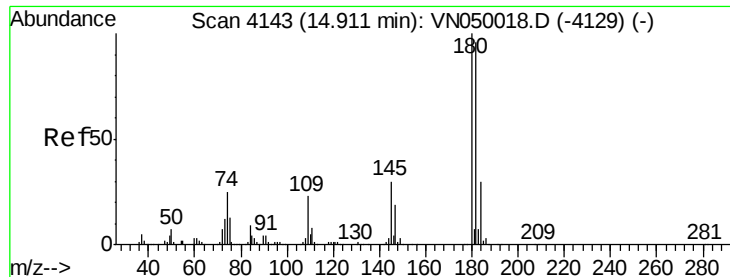


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

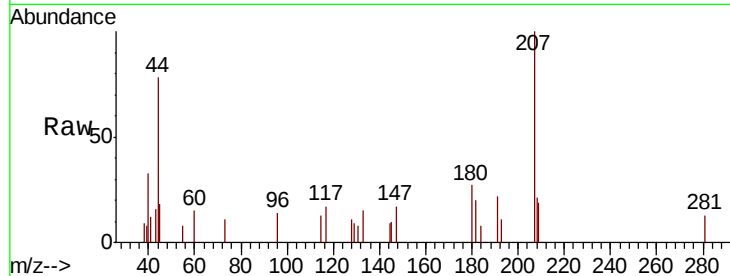




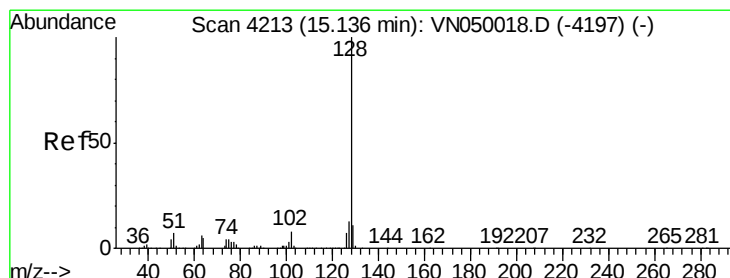
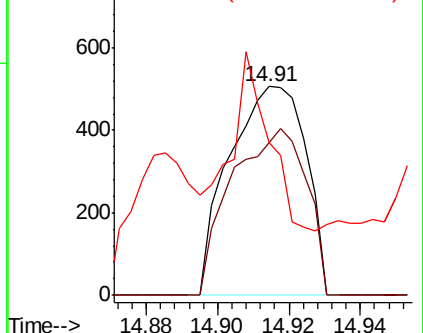
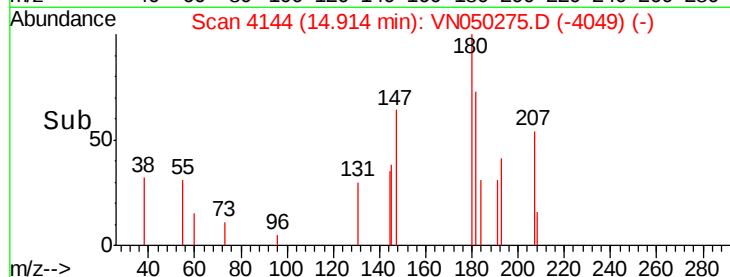
#93
 1,2,4-Trichlorobenzene
 Concen: 3.19 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-B

Tot Ion:180 Resp: 749
 Ion Ratio Lower Upper
 180 100
 182 78.4 46.7 140.1
 145 47.5 13.8 41.4#

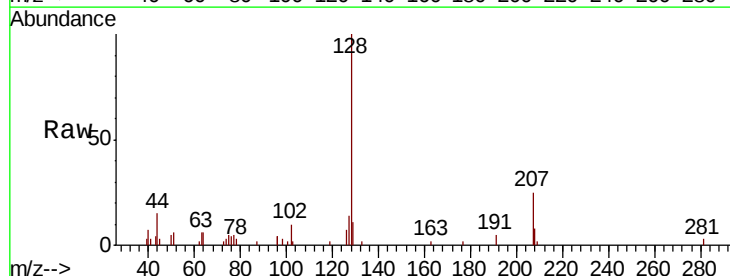


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

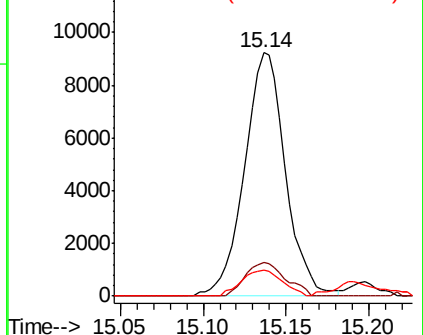
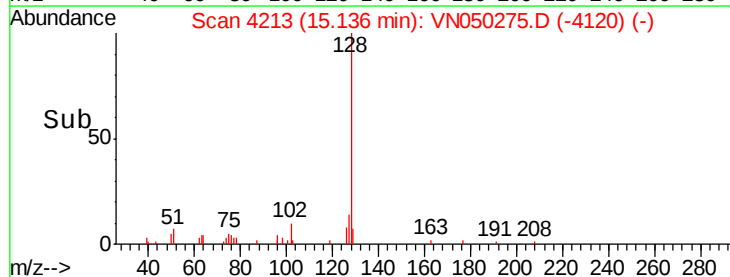


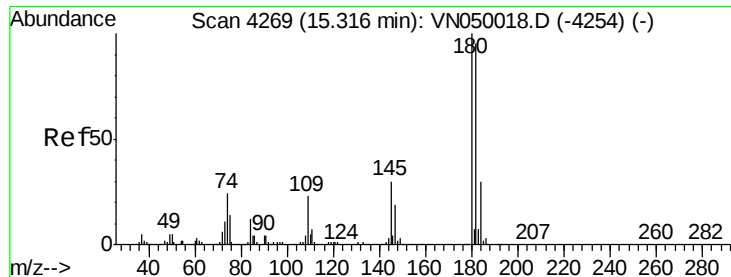
#95
 Naphthalene
 Concen: 5.36 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Tgt Ion:128 Resp: 15877
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 10.7 8.8 13.2



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: 2.33 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN050275.D
 Acq: 2 Aug 2018 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	61.1	48.1	144.4
145	23.9	15.3	45.9

