

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050276.D
 Acq On : 2 Aug 2018 20:19
 Operator : MD\SY
 Sample : J4278-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 03 01:17:17 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	638048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463073	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	409559	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	10.09	98	1451584	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
62) 4-Bromofluorobenzene	12.40	95	408547	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	

Target Compounds

						Qvalue
5) Bromomethane	2.55	94	309	Below Cal	#	23
13) Acrolein	3.61	56	270	0.51	ug/l #	1
16) Acetone	3.82	43	34343	12.25	ug/l	94
18) Methyl Acetate	4.33	43	32781	2.47	ug/l	97
20) Methylene Chloride	4.55	84	85412	9.81	ug/l	98
25) 2-Butanone	6.85	43	12517	3.69	ug/l #	86
28) Bromochloromethane	7.37	49	1367	0.20	ug/l #	10
29) Tetrahydrofuran	7.23	42	2541	1.16	ug/l #	70
30) Chloroform	7.38	83	19388	1.29	ug/l	99
31) Cyclohexane	7.67	56	11948	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45350	3.74	ug/l #	48
37) Ethyl Acetate	6.85	43	12517	1.48	ug/l #	67
38) Carbon Tetrachloride	7.67	117	56526	4.39	ug/l #	17
41) Methacrylonitrile	7.24	41	1619	3.10	ug/l #	26
43) Isopropyl Acetate	8.18	43	391863	24.01	ug/l #	88
47) Bromodichloromethane	9.40	83	4103	0.32	ug/l #	93
48) Methyl methacrylate	9.18	41	12682	1.74	ug/l #	25
51) 4-Methyl-2-Pentanone	9.99	43	3885	0.47	ug/l #	85
52) Toluene	10.16	92	5596	0.26	ug/l	94
56) Ethyl methacrylate	10.23	69	3472	2.32	ug/l #	70
59) 2-Hexanone	10.77	43	21315	8.59	ug/l	66
67) Ethyl Benzene	11.51	91	20040	0.54	ug/l	98
68) m/p-Xylenes	11.62	106	19077	1.37	ug/l	96
69) o-Xylene	11.95	106	5900	0.44	ug/l	99
70) Styrene	11.96	104	3077	1.05	ug/l #	71
71) Bromoform	12.40	173	3534	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.42	83	62	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	199895	30.08	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6937	0.32	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	199895	95.40	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	19960	0.91	ug/l	99
90) Hexachloroethane	13.89	117	1051	0.22	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	439	3.15	ug/l #	33
95) Naphthalene	15.14	128	53678	7.41	ug/l	99

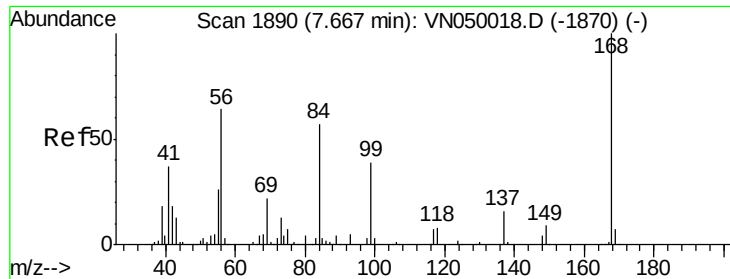
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	338	2.25	ug/l #	49

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

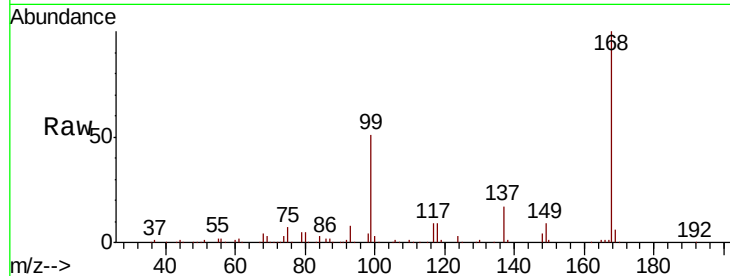
EO-03-080118-C

Tot Ion:168 Resp: 638048

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

150000

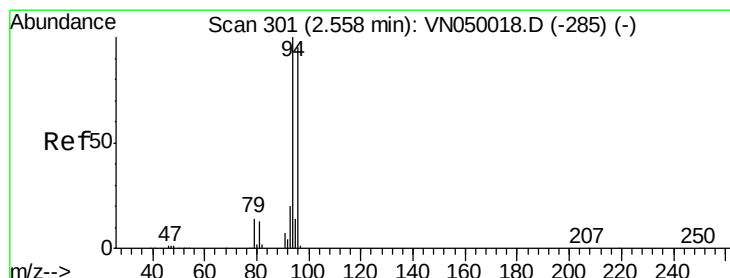
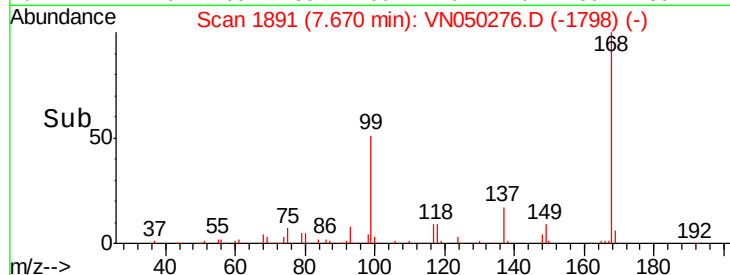
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 300

Delta R.T. 0.00 min

Lab File: VN050276.D

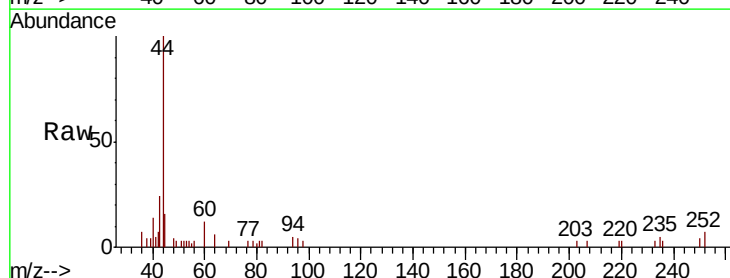
Acq: 2 Aug 2018 20:19

Tgt Ion: 94 Resp: 309

Ion Ratio Lower Upper

94 100

96 19.6 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.55

300

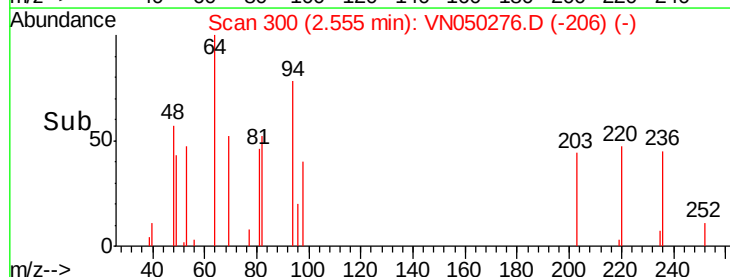
200

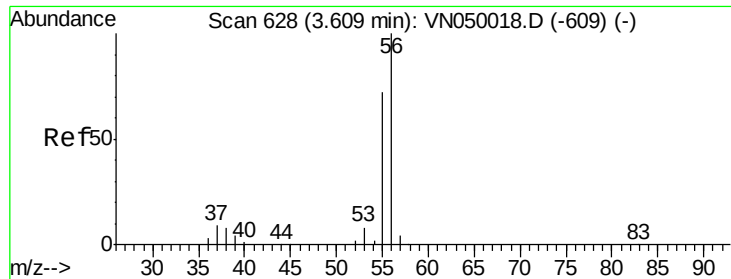
100

0

2.54 2.55 2.56 2.57

Time-->

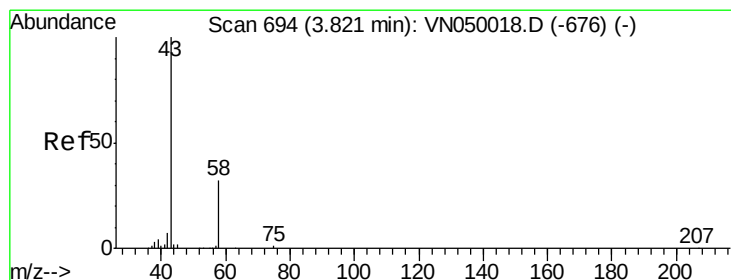
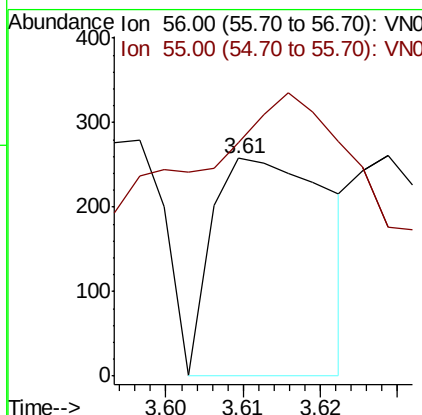
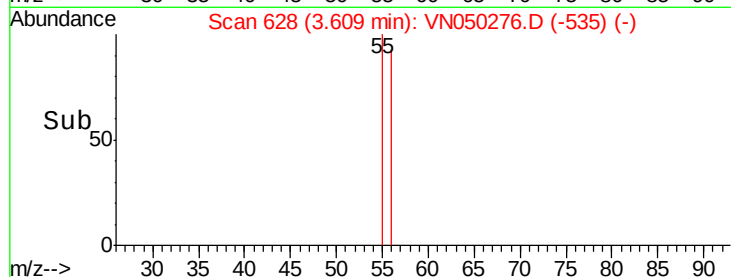
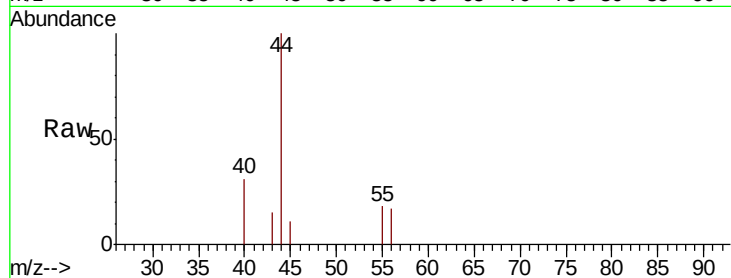




#13
Acrolein
Concen: 0.51 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

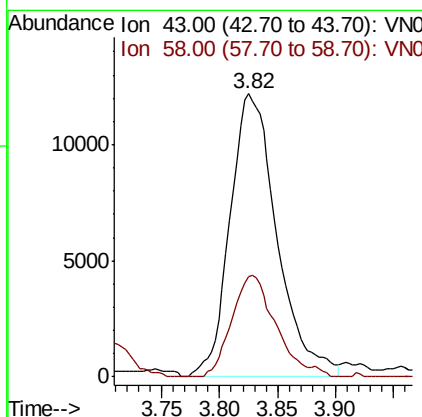
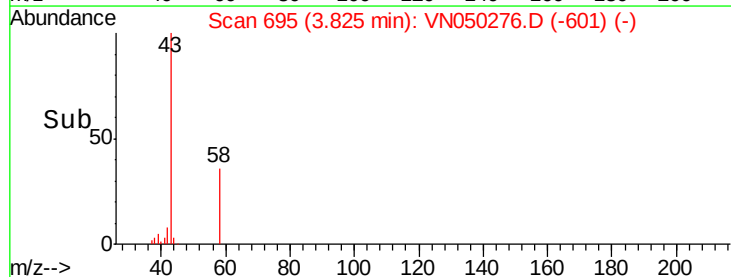
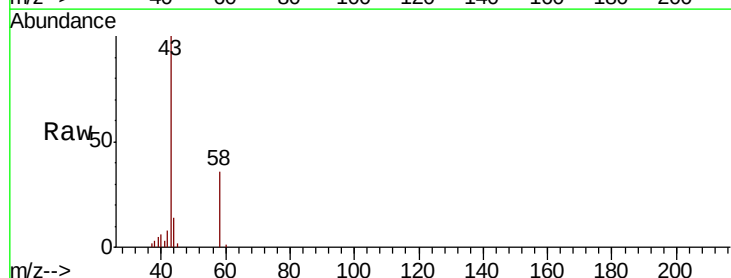
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-C

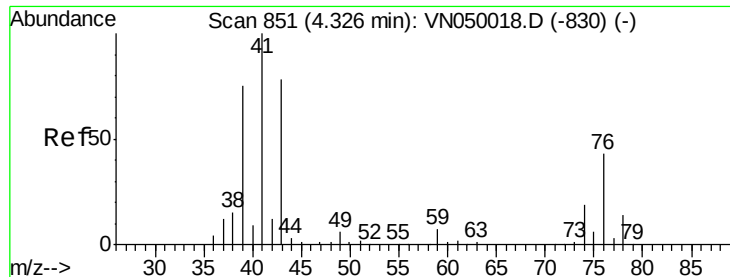
Tot Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 245.2 55.8 83.6#



#16
Acetone
Concen: 12.25 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 43 Resp: 34343
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.8

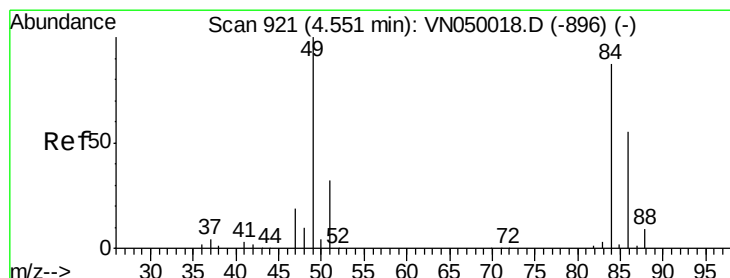
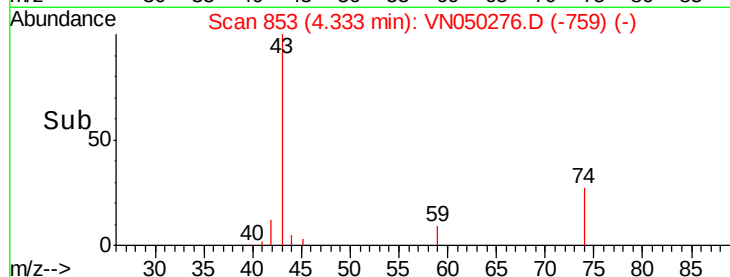
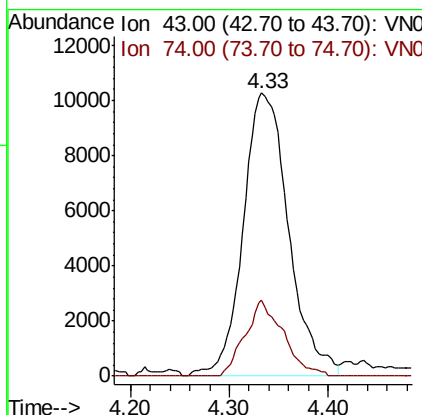
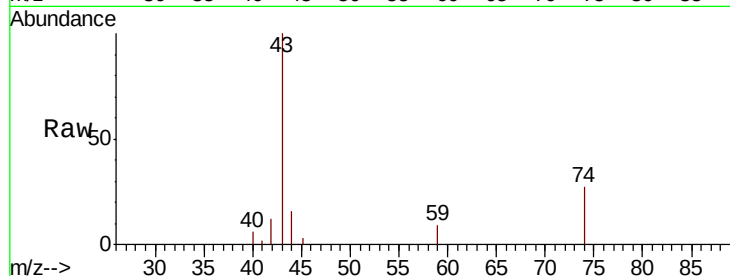




#18
Methvl Acetate
Concen: 2.47 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

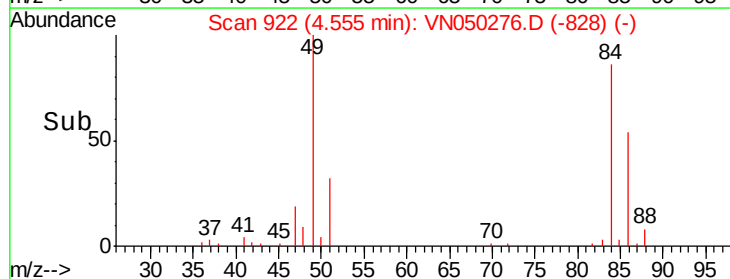
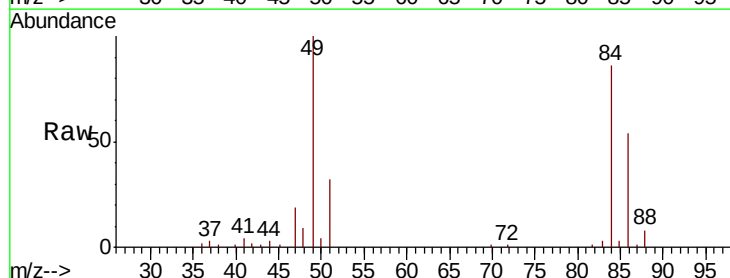
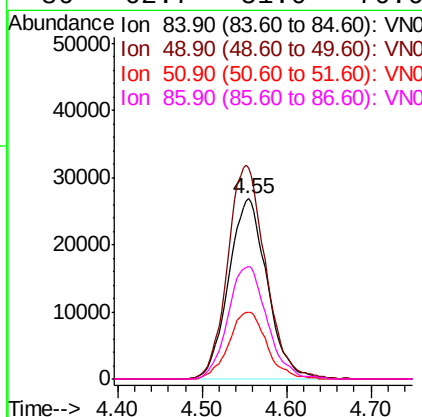
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-C

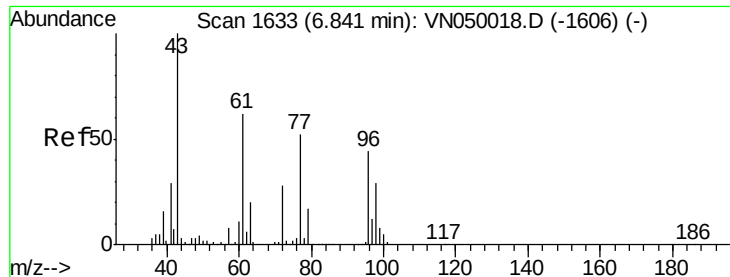
Tot Ion: 43 Resp: 32781
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 9.81 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 84 Resp: 85412
Ion Ratio Lower Upper
84 100
49 116.8 94.8 142.2
51 37.0 28.3 42.5
86 62.7 51.0 76.6

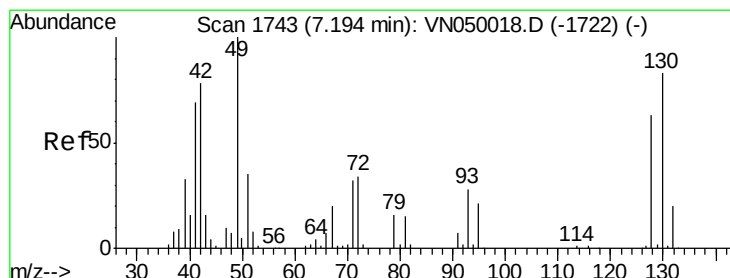
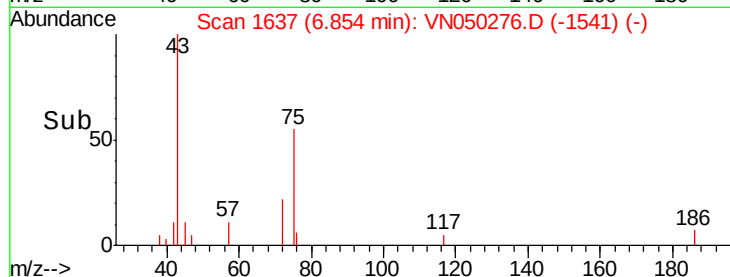
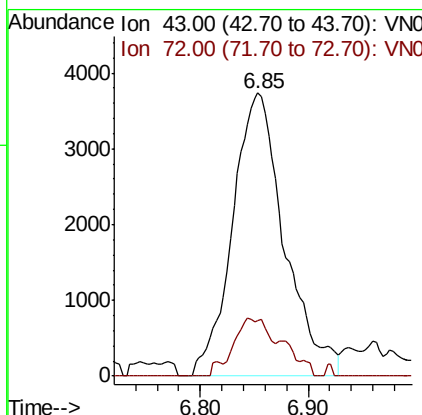
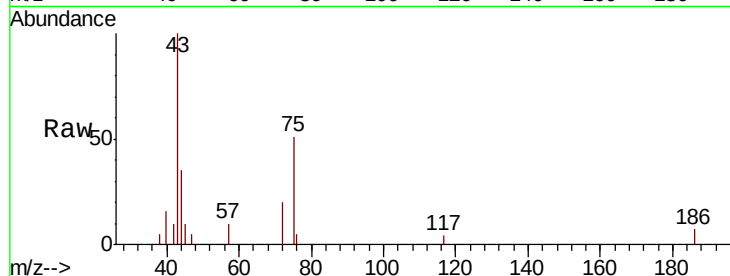




#25
2-Butanone
Concen: 3.69 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

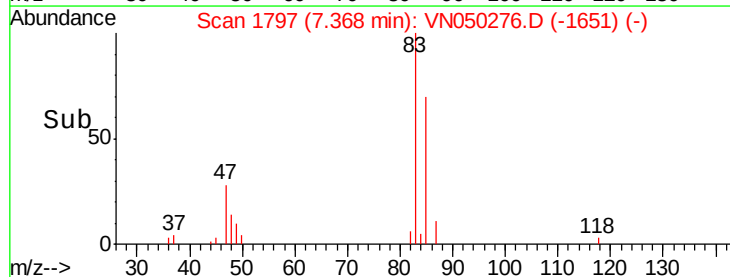
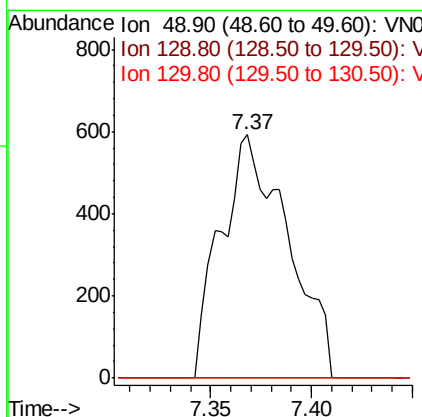
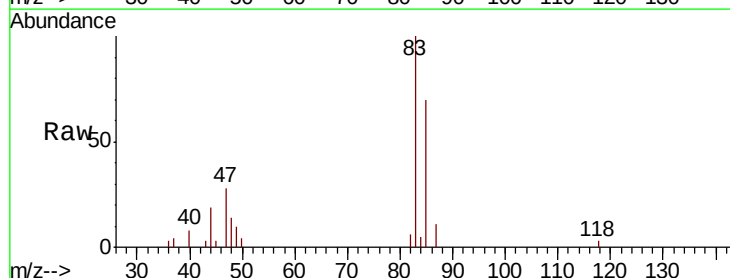
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-C

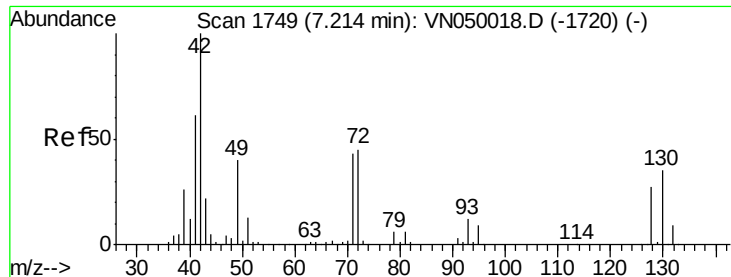
Tot Ion: 43 Resp: 12517
Ion Ratio Lower Upper
43 100
72 19.7 21.5 32.3#



#28
Bromochloromethane
Concen: 0.20 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. 0.17 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 49 Resp: 1367
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 66.3 99.5#





#29

Tetrahydrofuran

Concen: 1.16 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

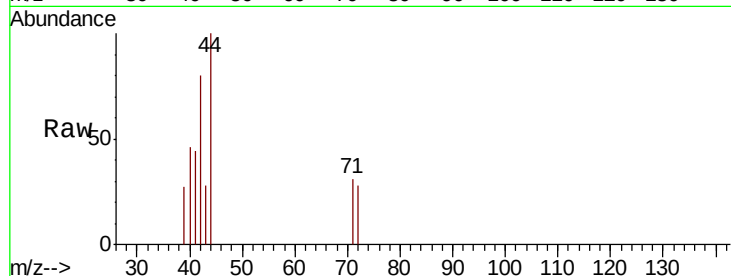
Tot Ion: 42 Resp: 2541

Ion Ratio Lower Upper

42 100

72 26.2 35.9 53.9#

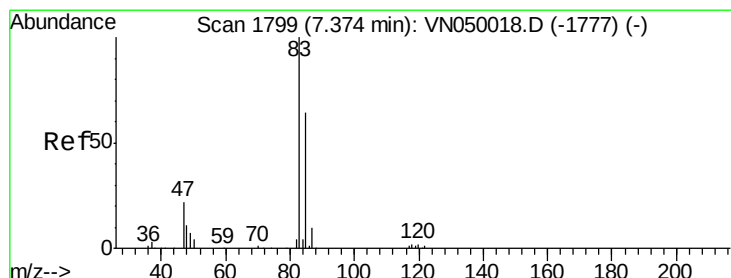
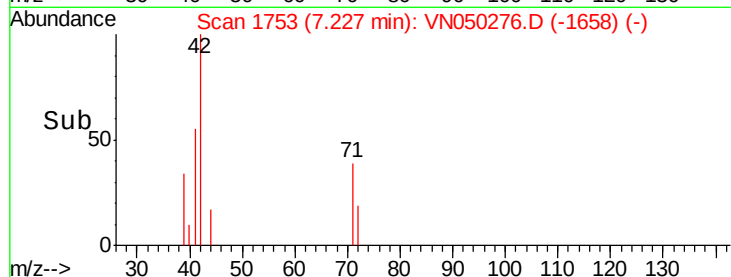
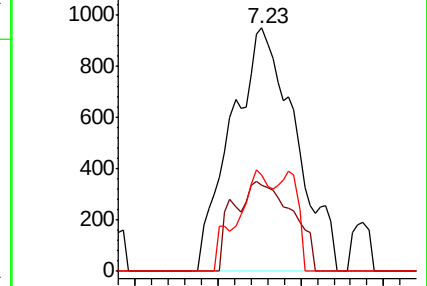
71 22.2 33.7 50.5#



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



#30

Chloroform

Concen: 1.29 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050276.D

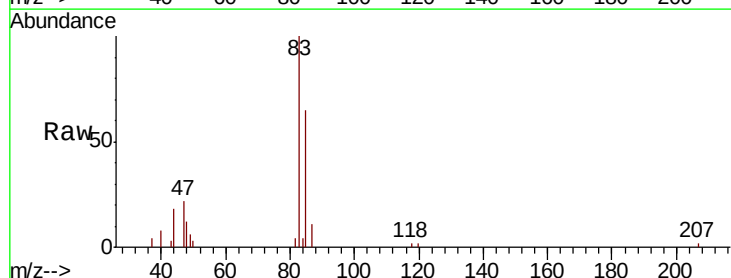
Acq: 2 Aug 2018 20:19

Tgt Ion: 83 Resp: 19388

Ion Ratio Lower Upper

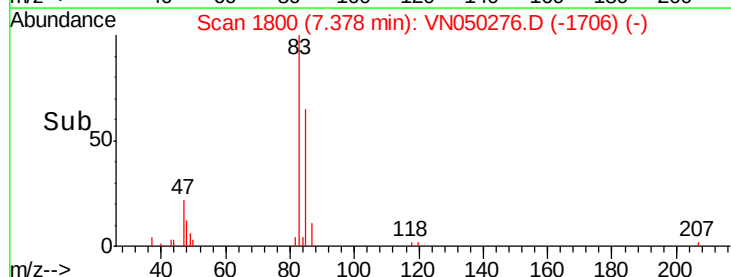
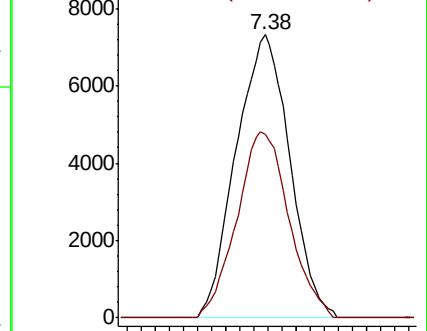
83 100

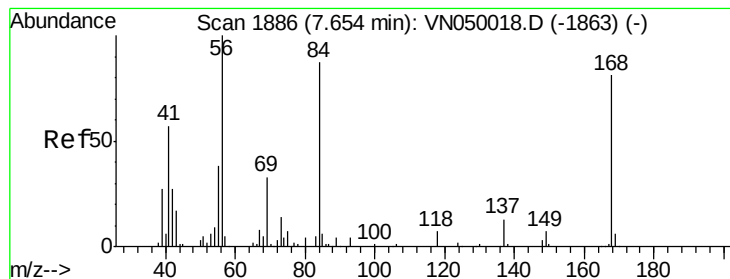
85 64.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

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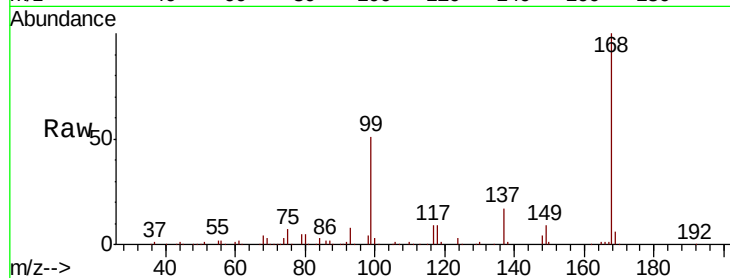
Tot Ion: 56 Resp: 11948

Ion Ratio Lower Upper

56 100

69 196.2 26.2 39.4#

84 145.4 67.4 101.0#

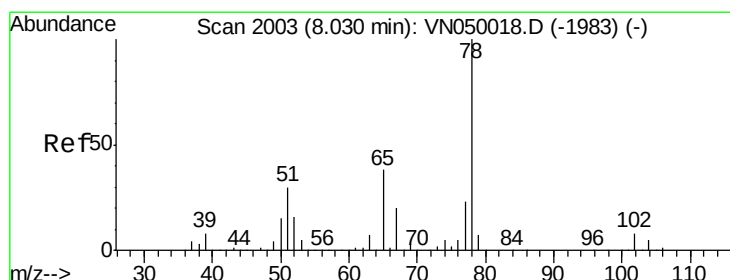
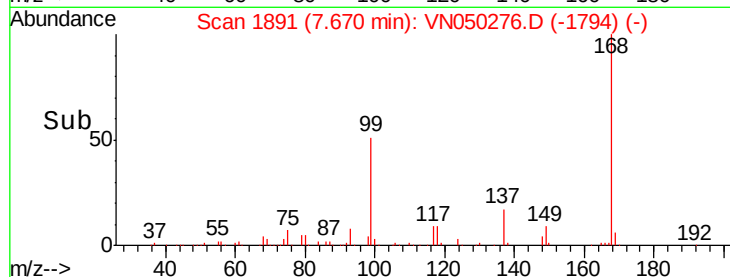
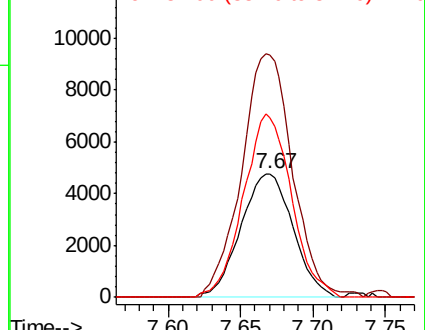


Abundance

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: 52.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050276.D

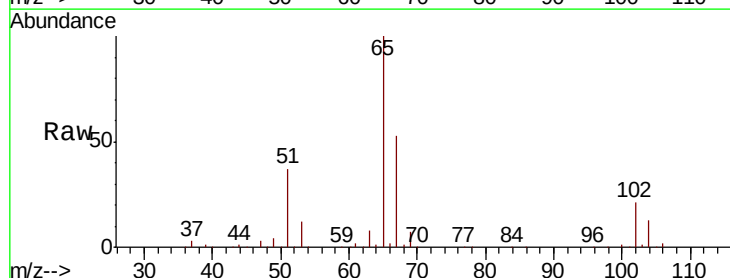
Acq: 2 Aug 2018 20:19

Tgt Ion: 65 Resp: 463073

Ion Ratio Lower Upper

65 100

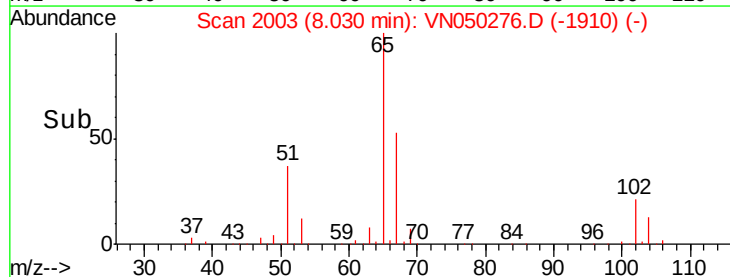
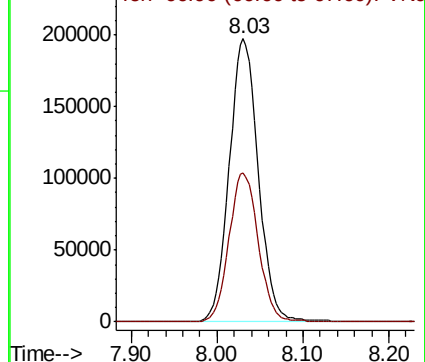
67 53.1 0.0 108.4

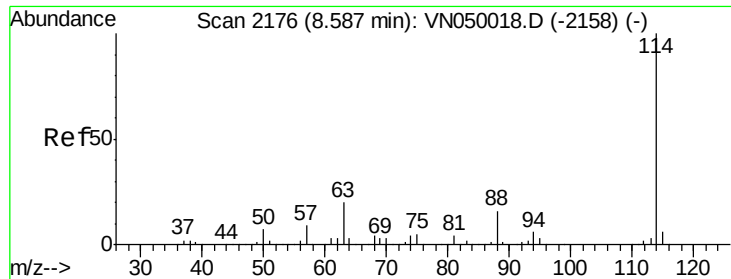


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



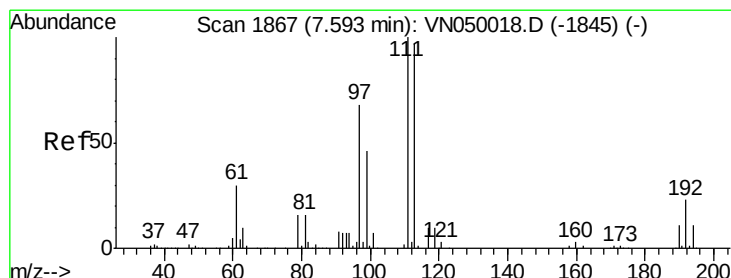
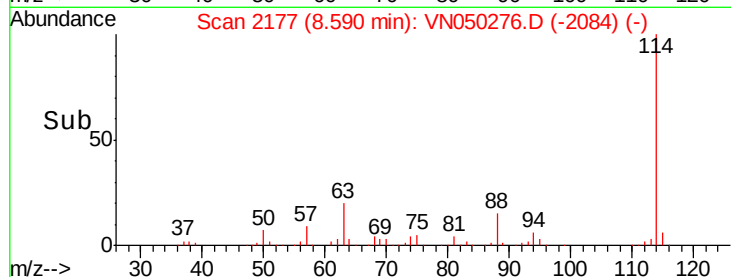
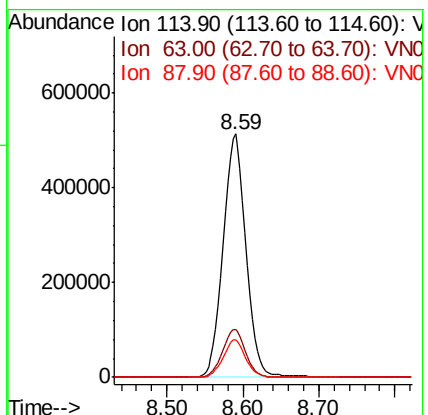
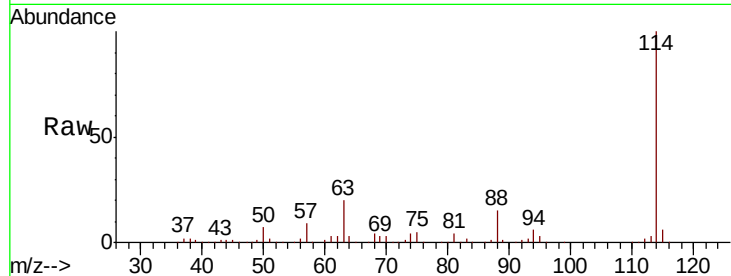


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

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

Tot Ion:114 Resp: 1075966

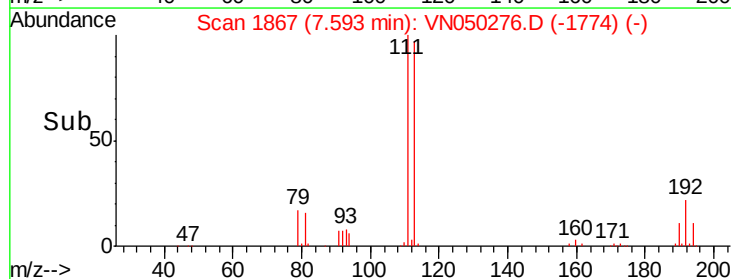
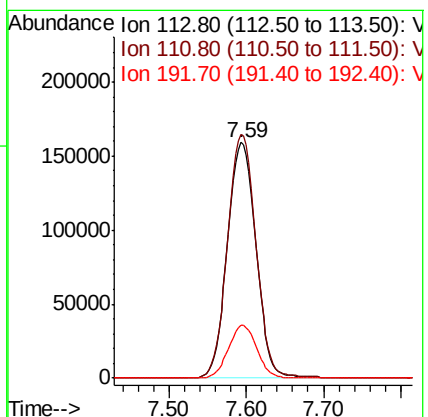
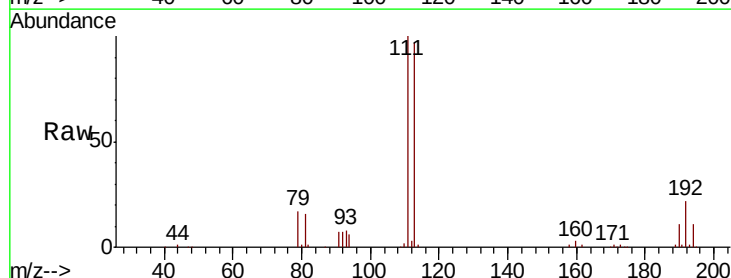
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.4	0.0	31.2

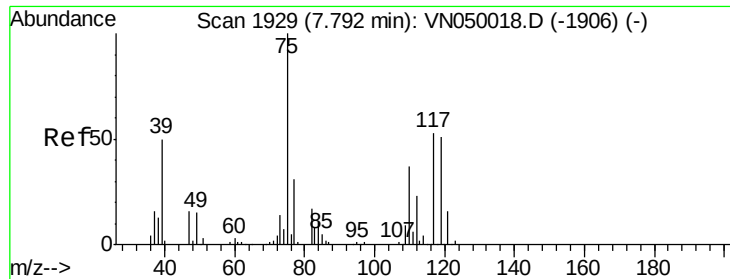


#35
 Dibromofluoromethane
 Concen: 46.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion:113 Resp: 409559

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	22.0	17.8	26.6





#36

1,1-Dichloropropene

Concen: 3.74 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

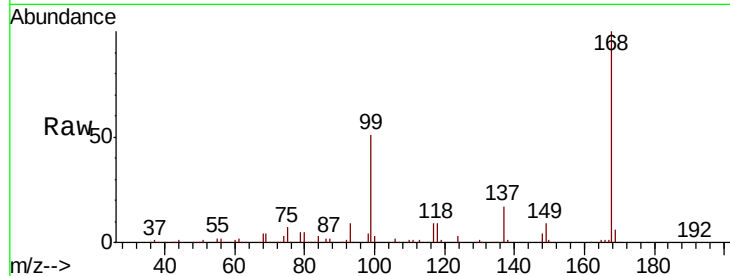
Tot Ion: 75 Resp: 45350

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

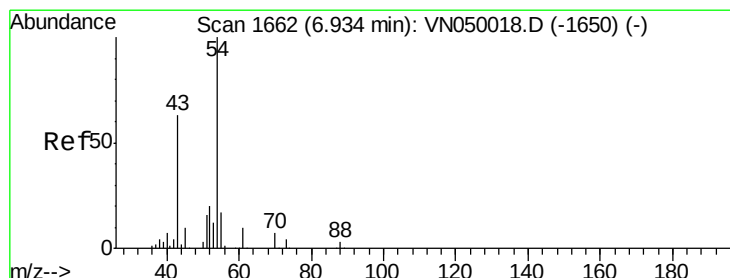
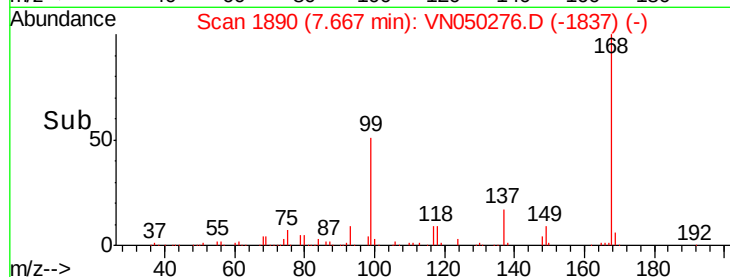
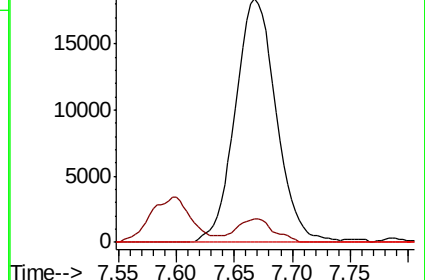
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.48 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

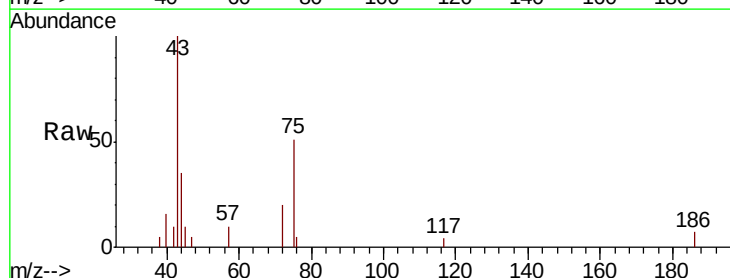
Tgt Ion: 43 Resp: 12517

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

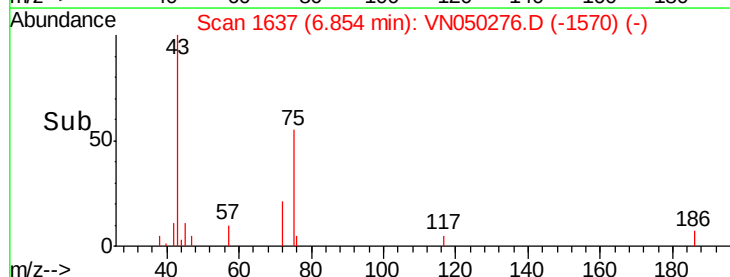
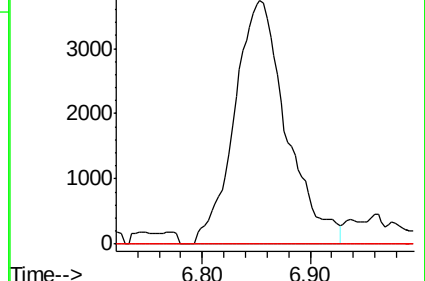
70 0.0 8.4 12.6#

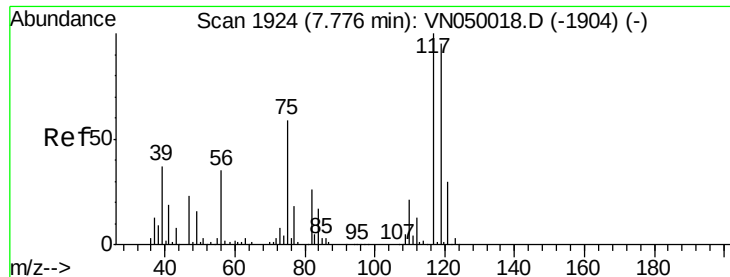


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.39 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

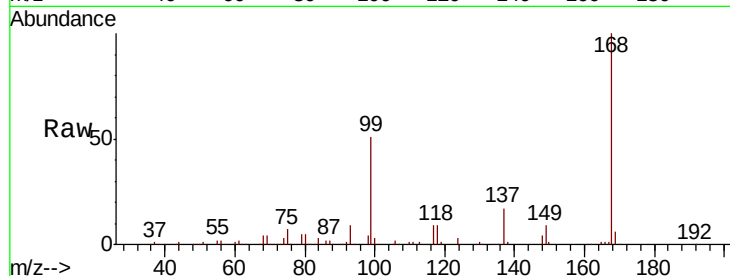
Tot Ion:117 Resp: 56526

Ion Ratio Lower Upper

117 100

119 6.6 77.4 116.0#

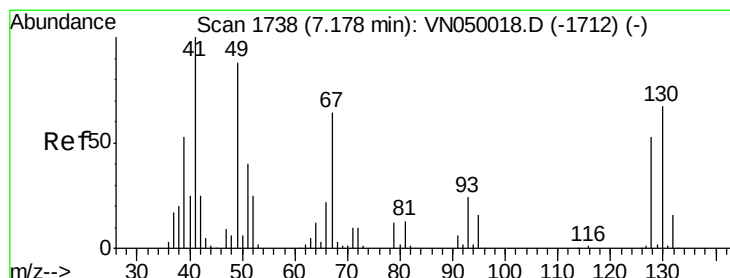
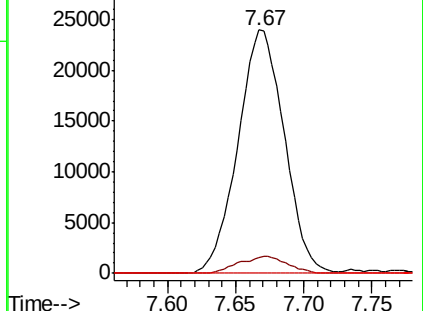
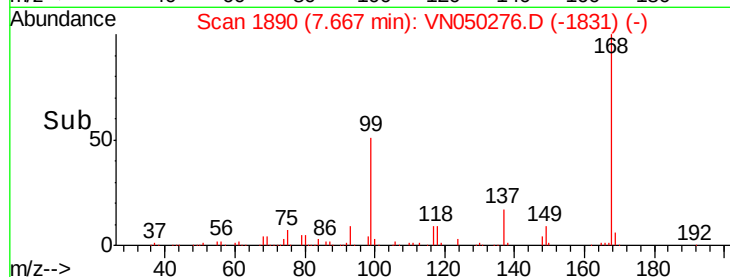
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 3.10 ug/l

RT: 7.24 min Scan# 1756

Delta R.T. 0.06 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Tgt Ion: 41 Resp: 1619

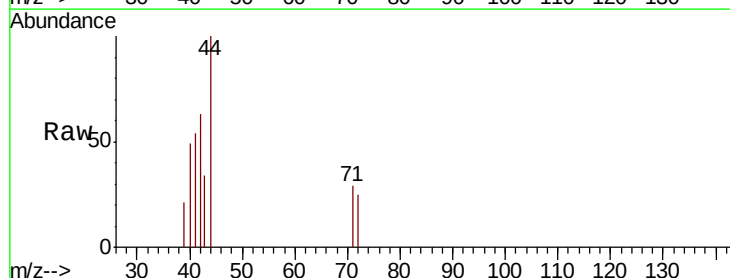
Ion Ratio Lower Upper

41 100

39 41.6 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

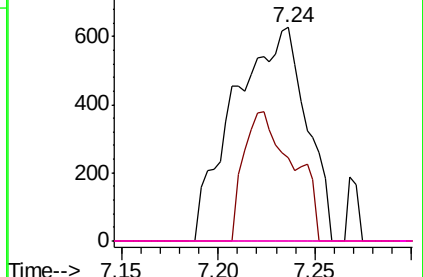
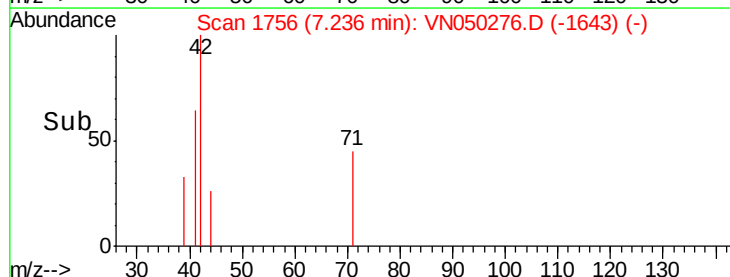


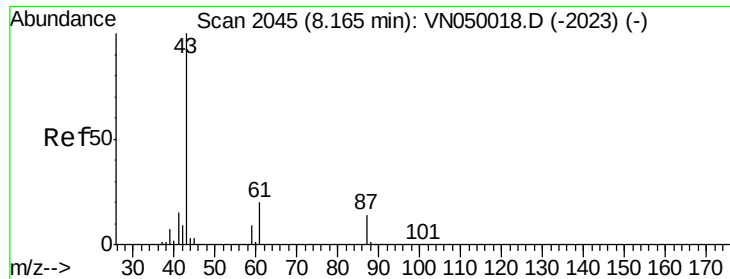
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 24.01 ug/l

RT: 8.18 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

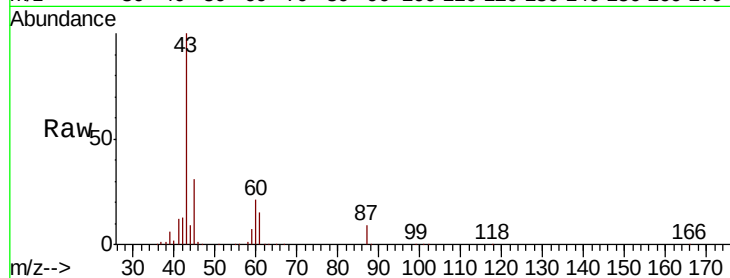
Tot Ion: 43 Resp: 391863

Ion Ratio Lower Upper

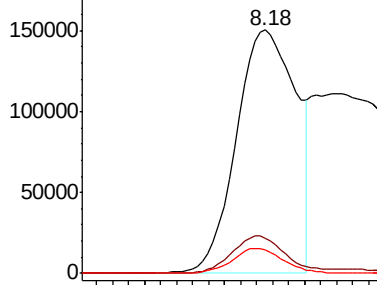
43 100

61 13.9 15.8 23.6#

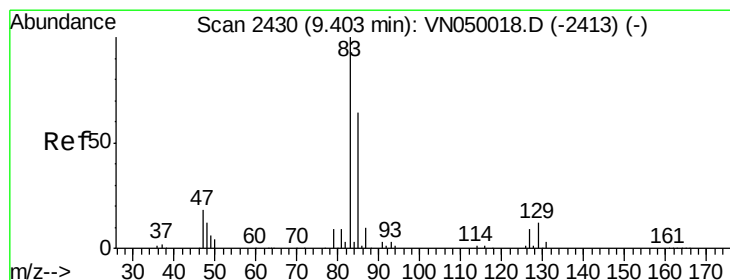
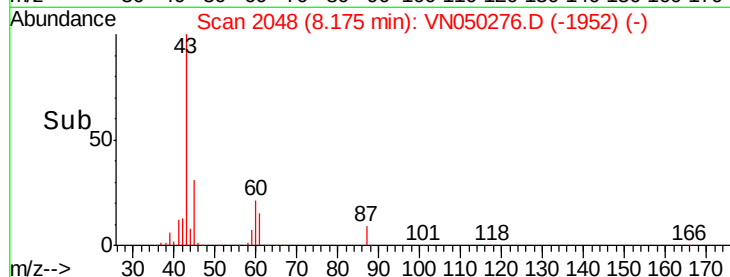
87 8.7 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



Time-->



#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

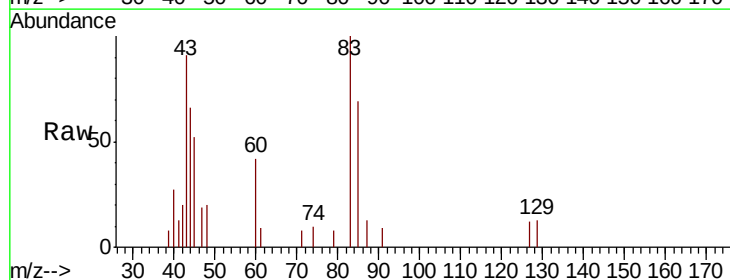
Tgt Ion: 83 Resp: 4103

Ion Ratio Lower Upper

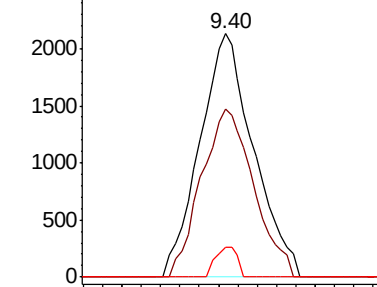
83 100

85 69.0 51.1 76.7

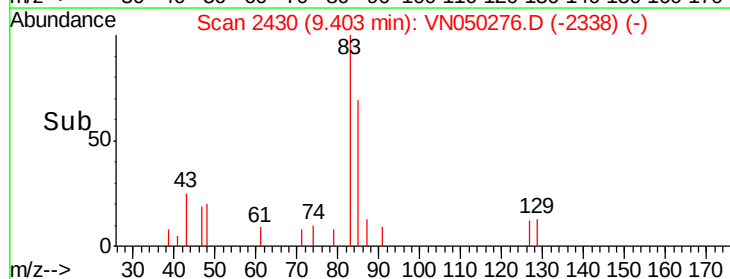
127 12.1 7.0 10.4#

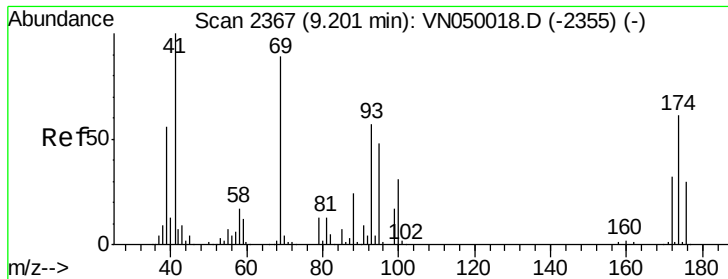


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



Time-->

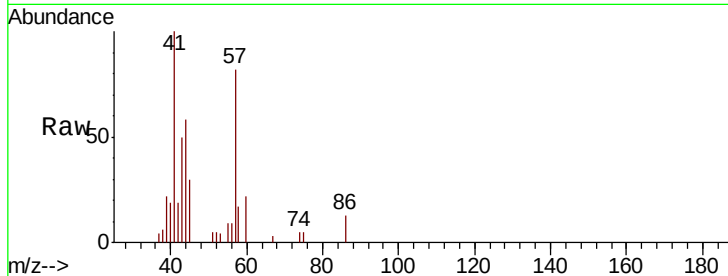




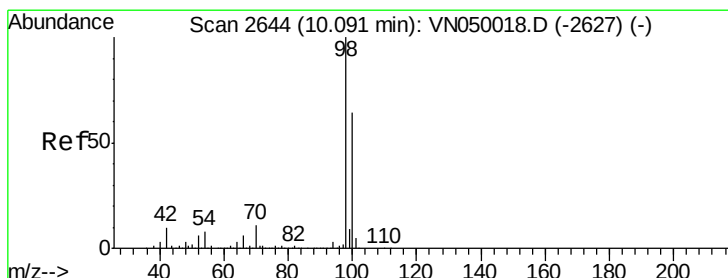
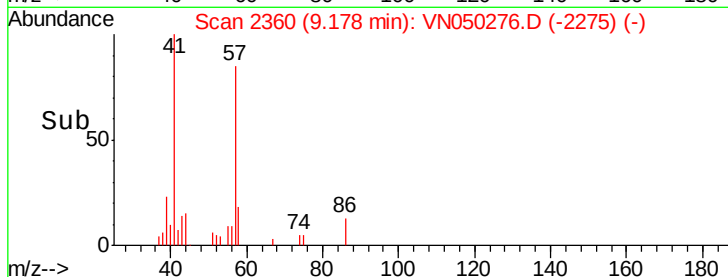
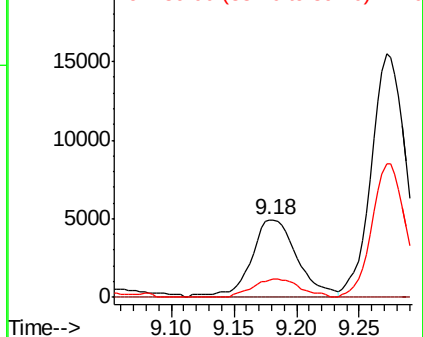
#48
Methvl methacrylate
Concen: 1.74 ug/l
RT: 9.18 min Scan# 2360
Delta R.T. -0.03 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

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

Tot Ion: 41 Resp: 12682
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 24.1 43.9 65.9#

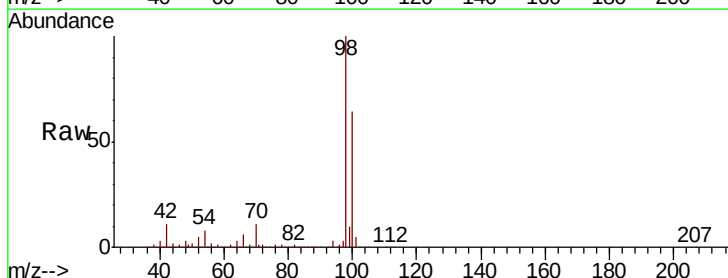


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

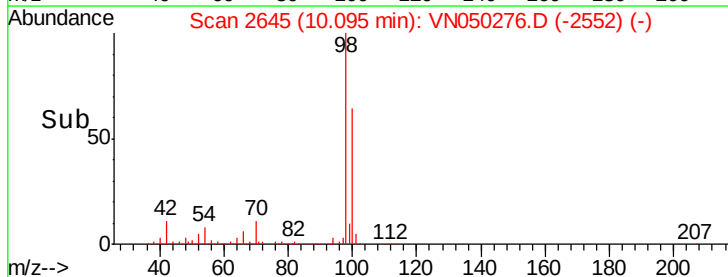
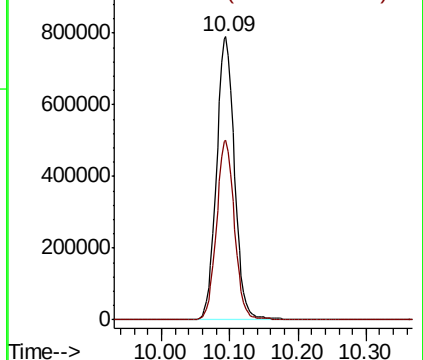


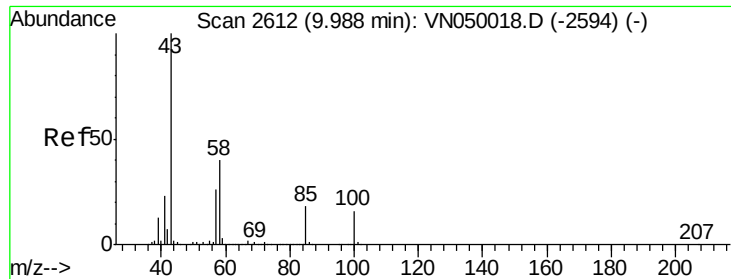
#50
Toluene-d8
Concen: 44.94 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 98 Resp: 1451584
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

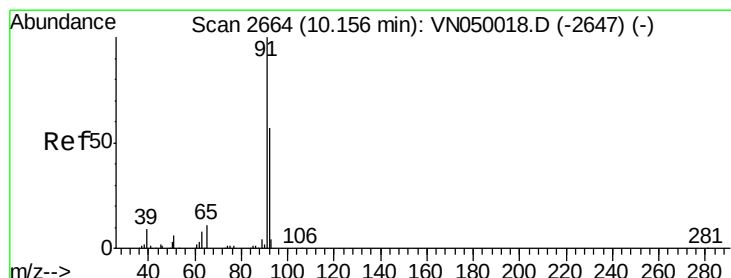
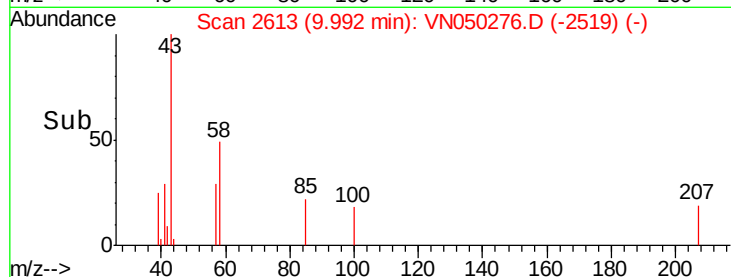
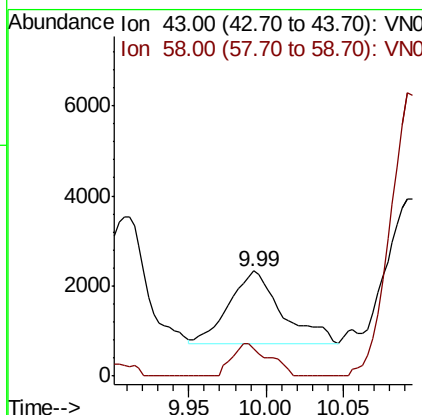
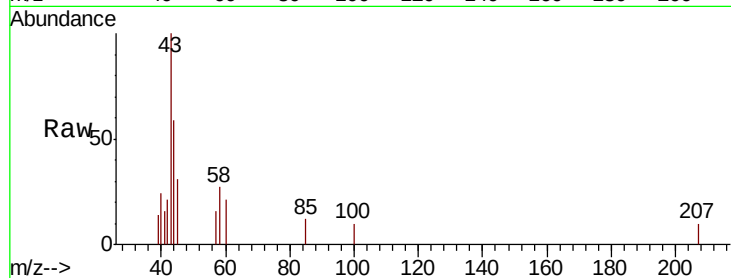




#51
 4-Methyl-2-Pentanone
 Concen: 0.47 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

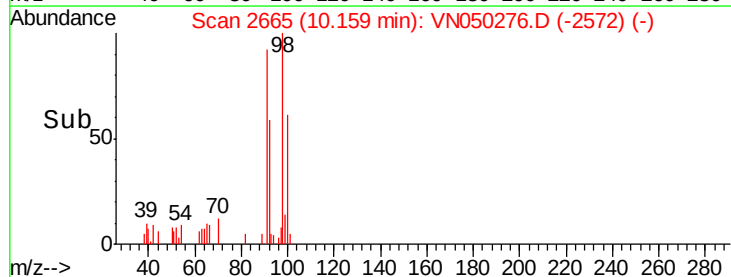
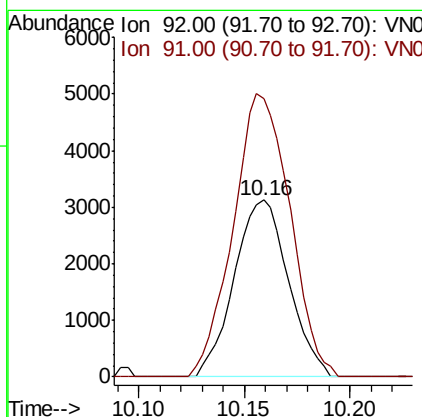
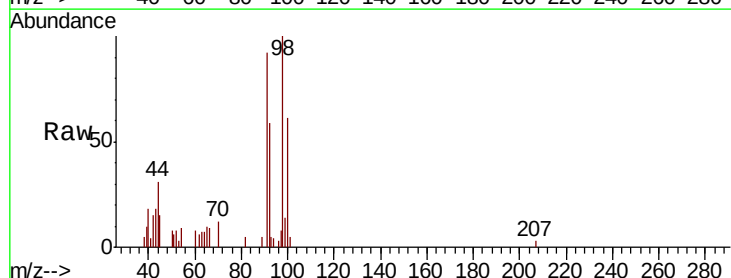
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-C

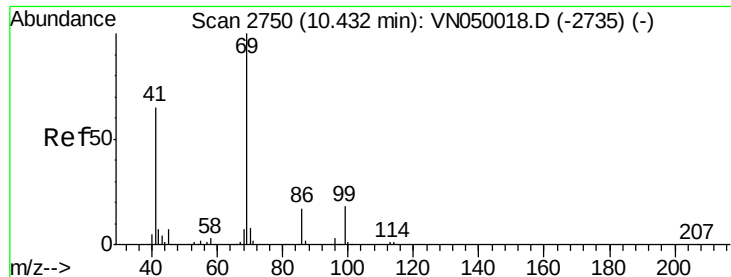
Tot Ion: 43 Resp: 3885
 Ion Ratio Lower Upper
 43 100
 58 30.8 31.9 47.9#



#52
 Toluene
 Concen: 0.26 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion: 92 Resp: 5596
 Ion Ratio Lower Upper
 92 100
 91 167.0 140.3 210.5

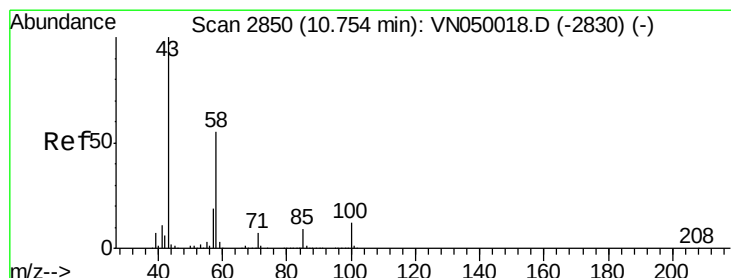
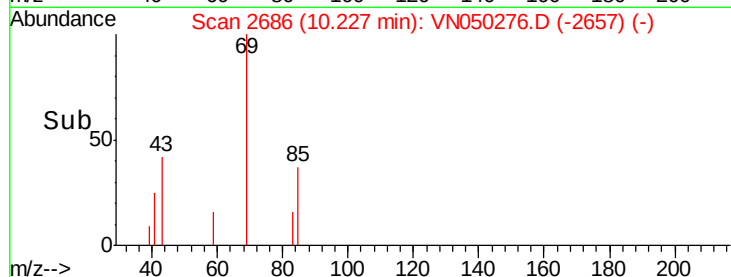
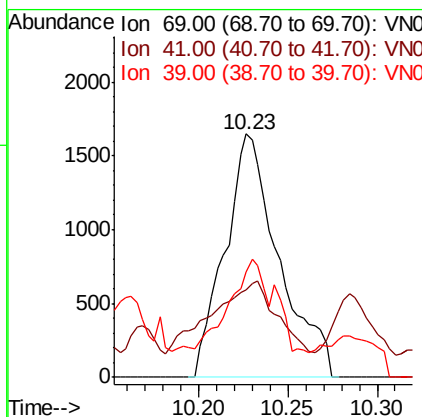
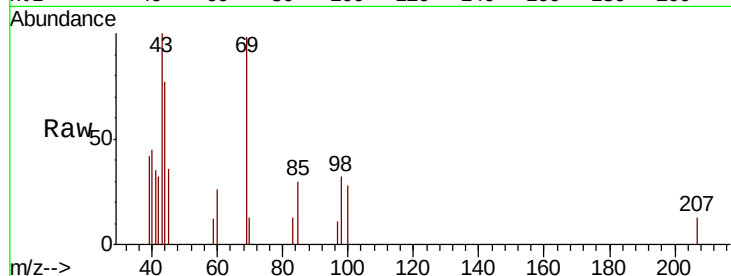




#56
Ethyl methacrylate
Concen: 2.32 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

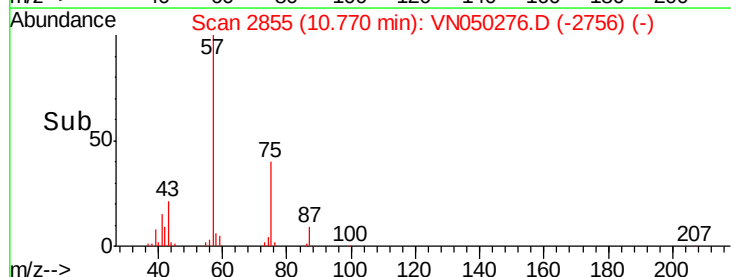
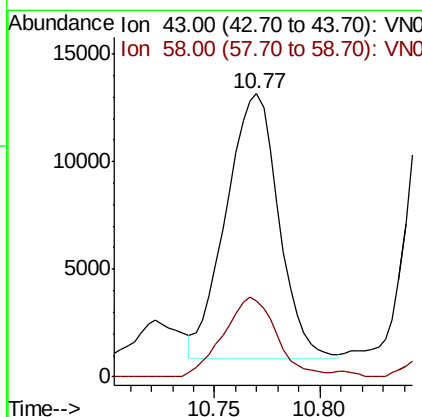
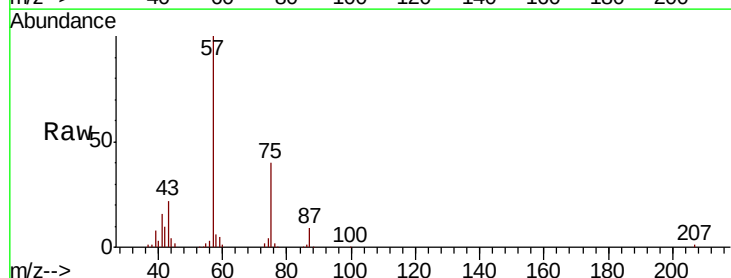
Instrument :
MSVOA_N
ClientSampled :
EO-03-080118-C

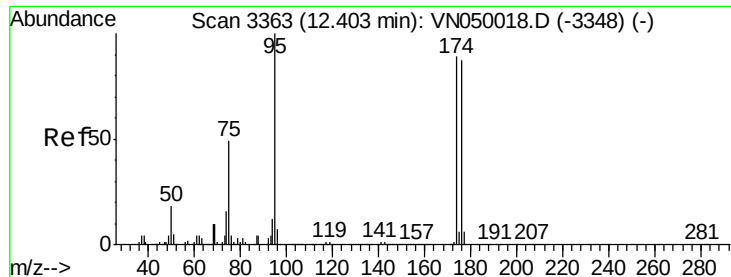
Tot Ion: 69 Resp: 3472
Ion Ratio Lower Upper
69 100
41 35.2 51.0 76.4#
39 23.0 26.6 40.0#



#59
2-Hexanone
Concen: 8.59 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 43 Resp: 21315
Ion Ratio Lower Upper
43 100
58 30.5 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 38.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

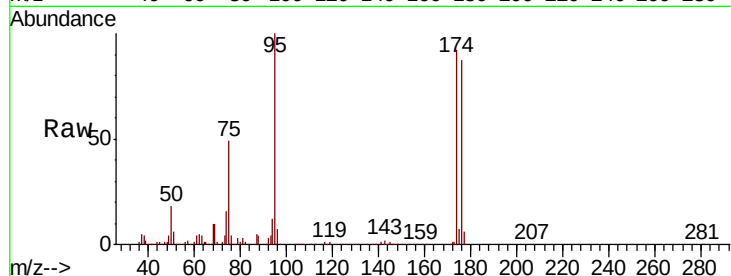
Tot Ion: 95 Resp: 408547

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.2

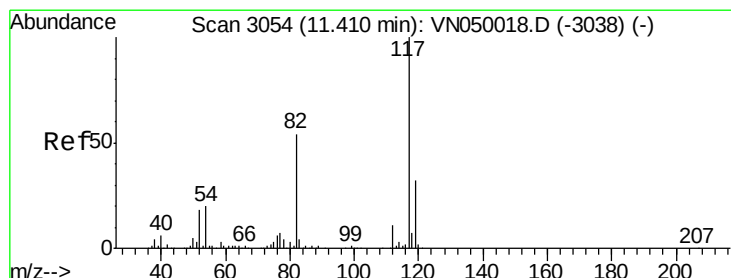
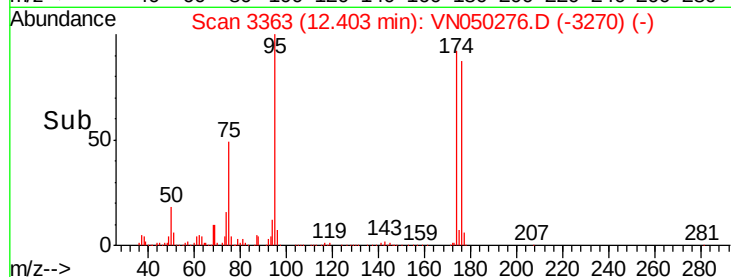
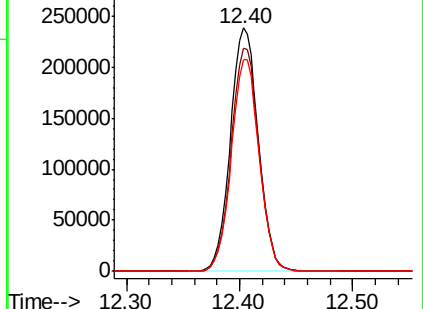
176 86.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

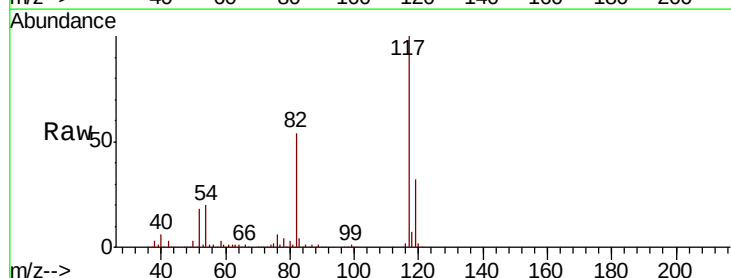
Tgt Ion: 117 Resp: 909452

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

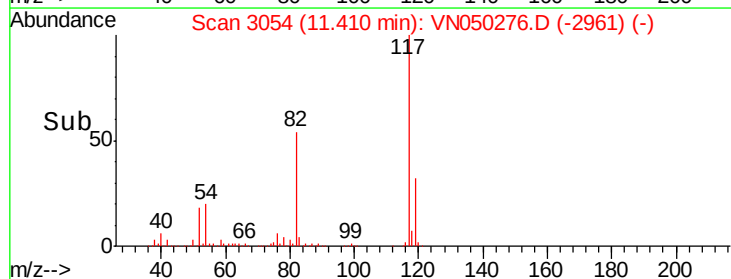
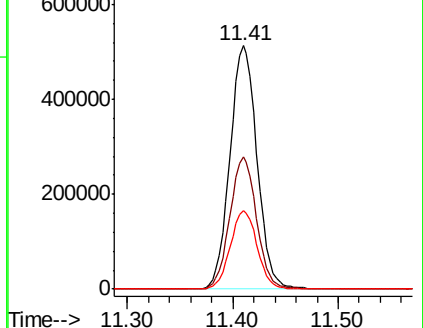
119 32.0 26.1 39.1

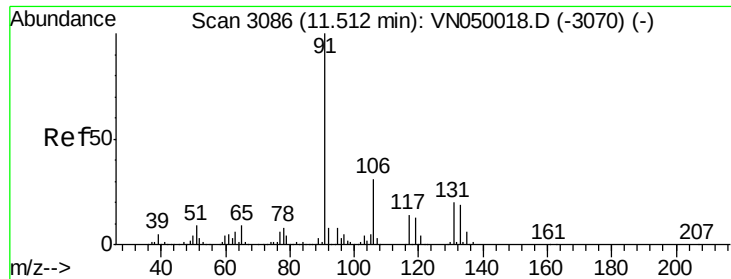


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

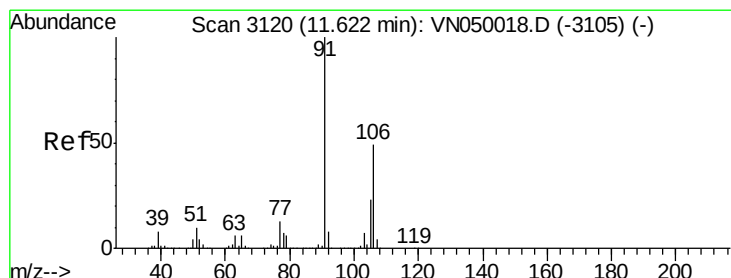
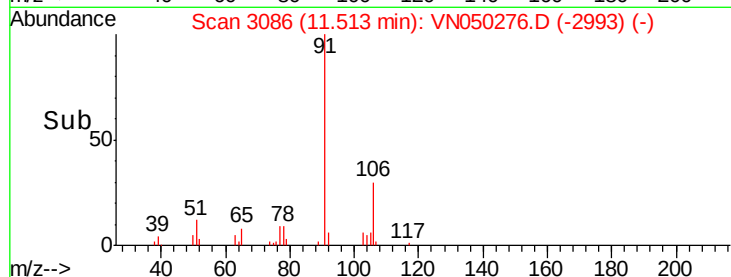
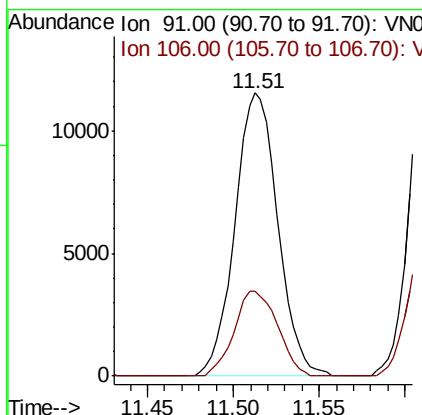
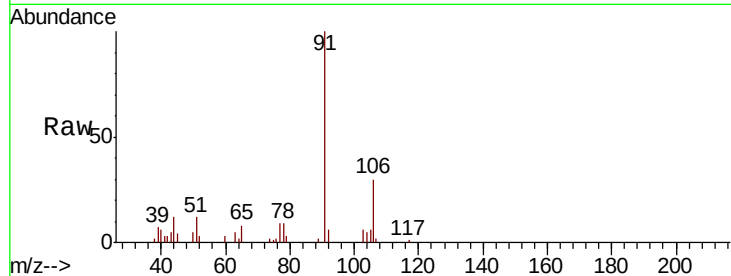




#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

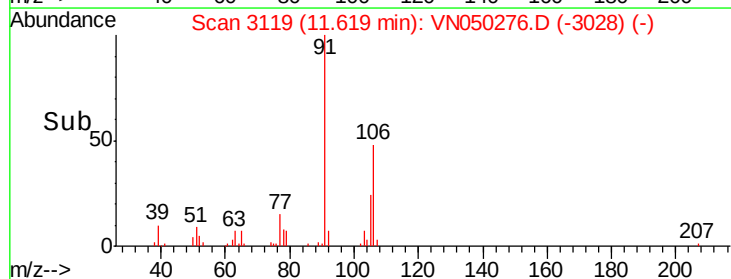
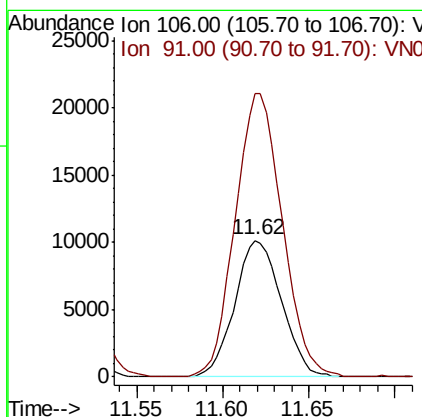
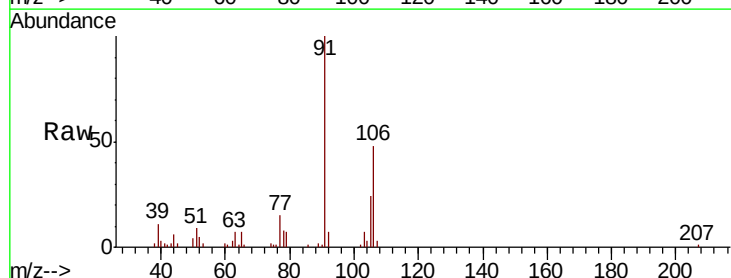
Instrument :
MSVOA_N
ClientSampled :
EO-03-080118-C

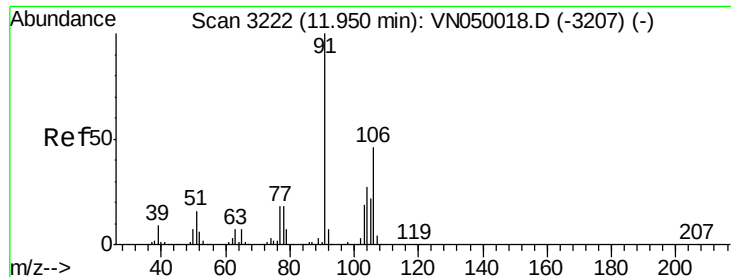
Tot Ion: 91 Resp: 20040
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4



#68
m/p-Xylenes
Concen: 1.37 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion: 106 Resp: 19077
Ion Ratio Lower Upper
106 100
91 209.0 162.2 243.2

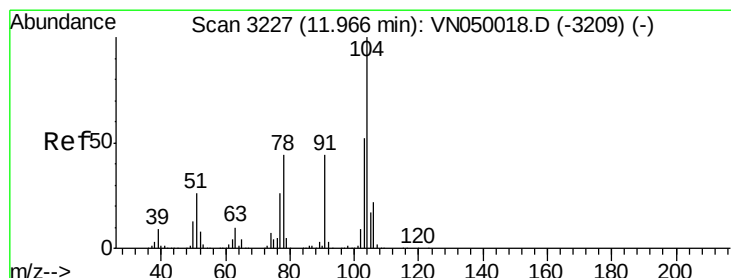
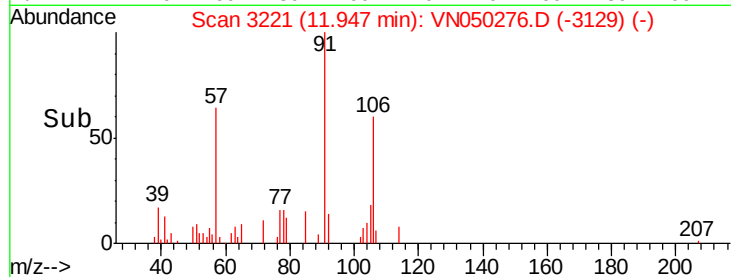
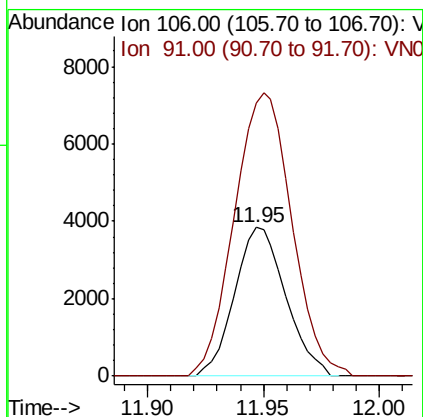
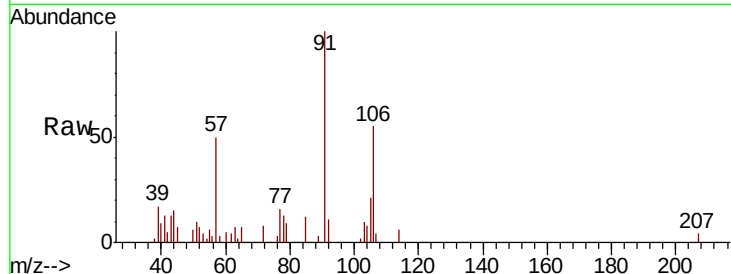




#69
o-Xylene
Concen: 0.44 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

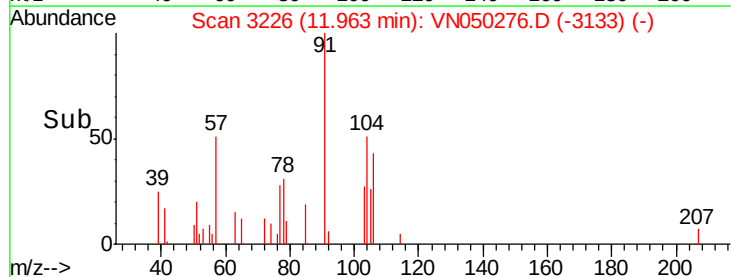
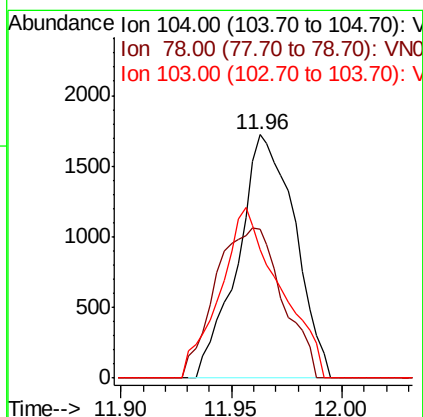
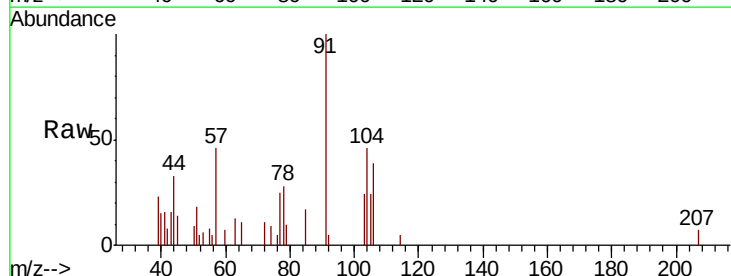
Instrument :
MSVOA_N
ClientSampleId :
EO-03-080118-C

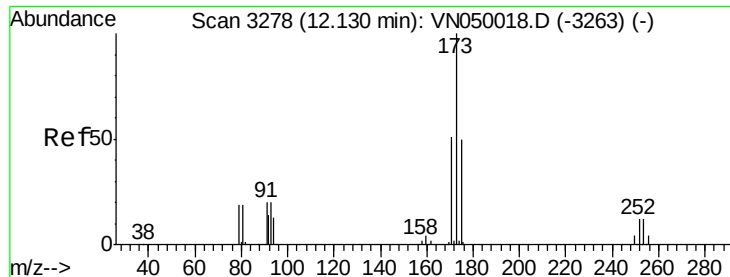
Tot Ion:106 Resp: 5900
Ion Ratio Lower Upper
106 100
91 213.6 107.7 323.1



#70
Styrene
Concen: 1.05 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050276.D
Acq: 2 Aug 2018 20:19

Tgt Ion:104 Resp: 3077
Ion Ratio Lower Upper
104 100
78 72.6 39.3 58.9#
103 73.7 45.0 67.6#





#71

Bromoform

Concen: 0.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

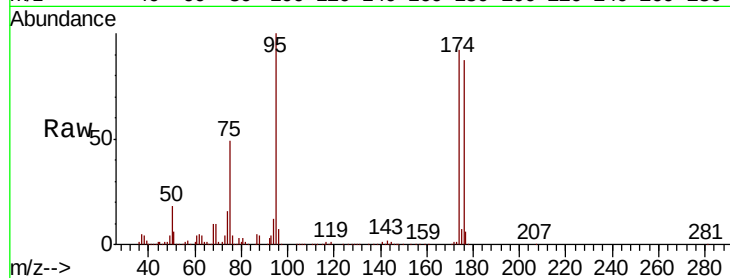
Tot Ion:173 Resp: 3534

Ion Ratio Lower Upper

173 100

175 667.5 24.1 72.2#

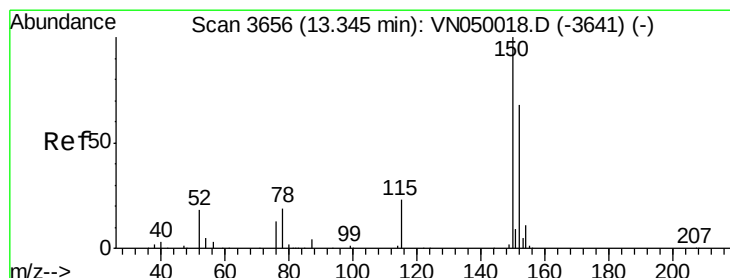
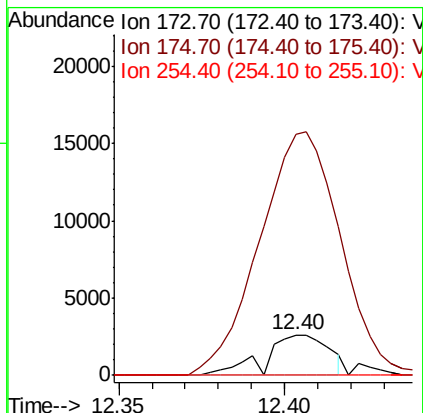
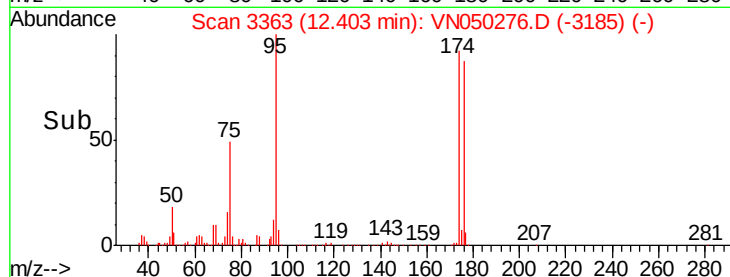
254 0.0 0.2 0.2#



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: VN050276.D

Acq: 2 Aug 2018 20:19

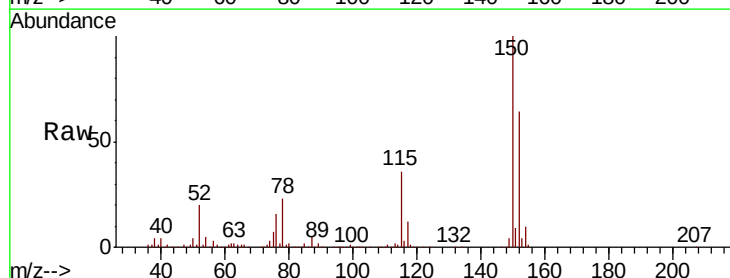
Tgt Ion:152 Resp: 357621

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

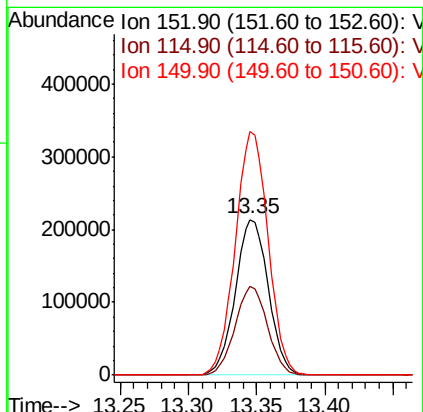
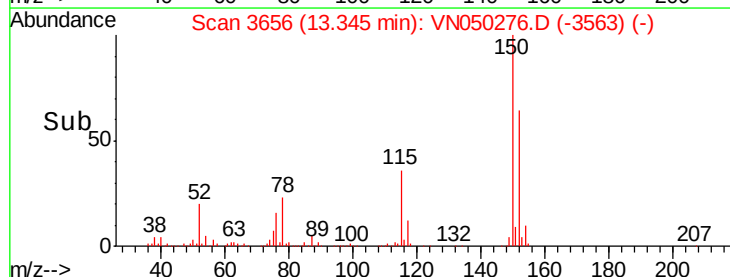
150 156.2 0.0 348.6

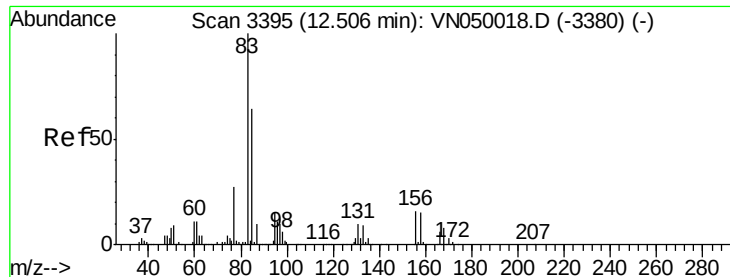


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.42 min Scan# 3367

Delta R.T. -0.09 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

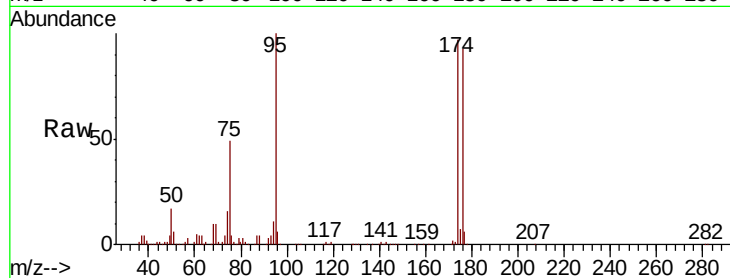
Tot Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#

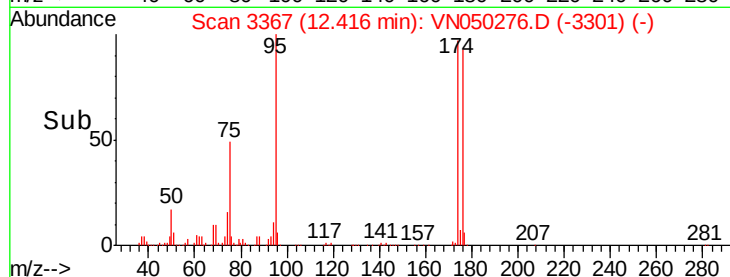


Abundance Ion 82.90 (82.60 to 83.60): VN0

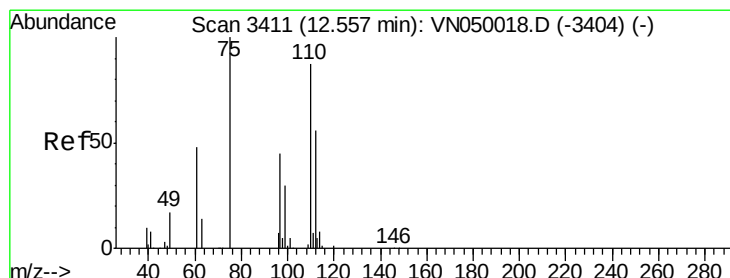
Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 30.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050276.D

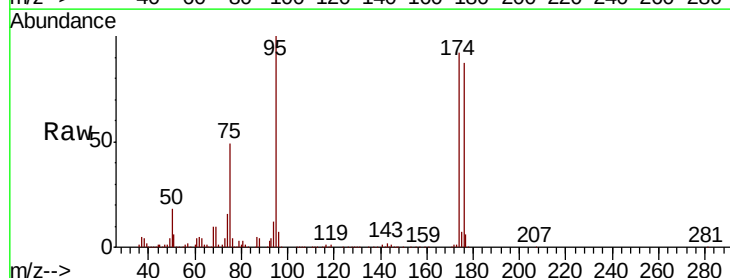
Acq: 2 Aug 2018 20:19

Tgt Ion: 75 Resp: 199895

Ion Ratio Lower Upper

75 100

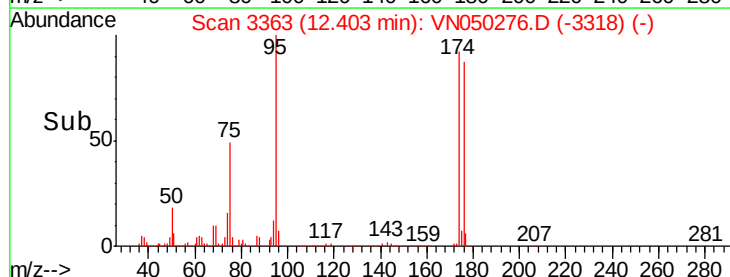
77 1.1 0.0 0.0#



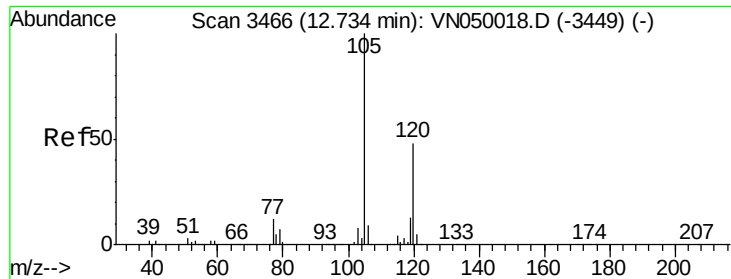
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.32 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

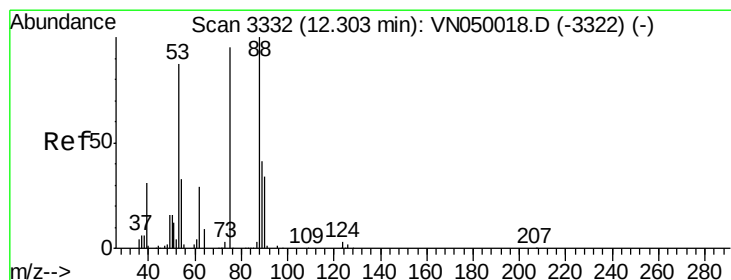
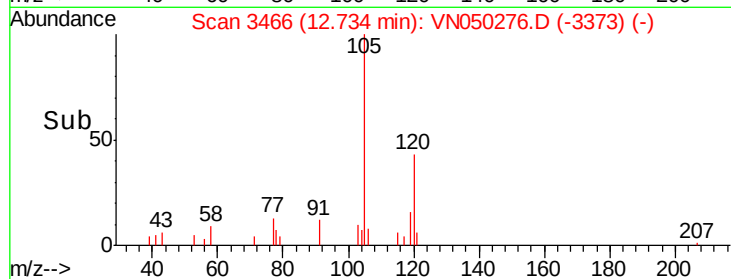
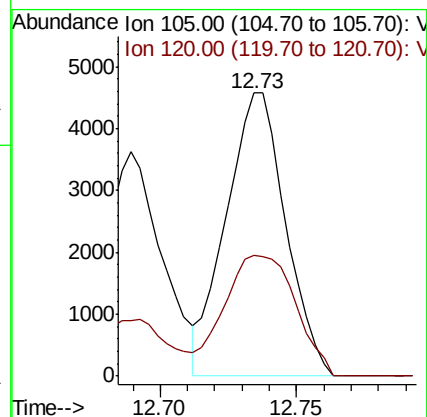
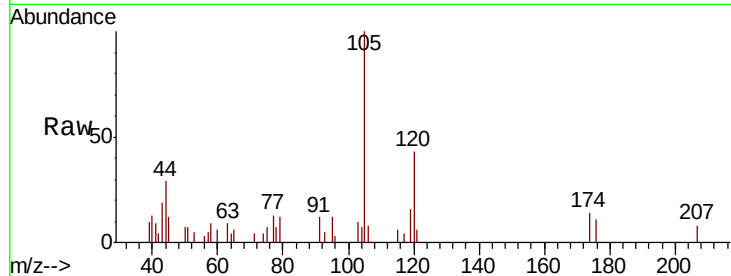
EO-03-080118-C

Tot Ion:105 Resp: 6937

Ion Ratio Lower Upper

105 100

120 51.2 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 95.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

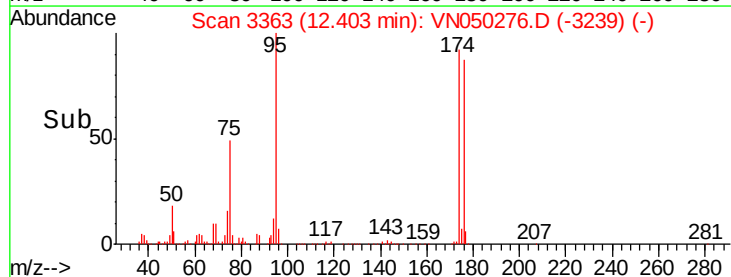
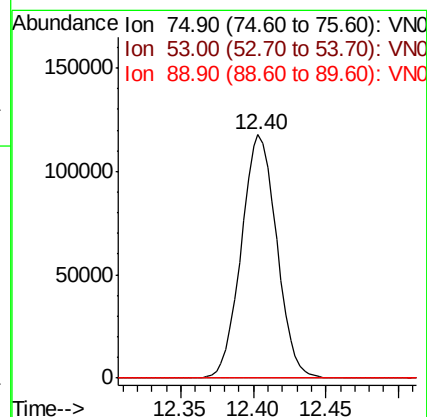
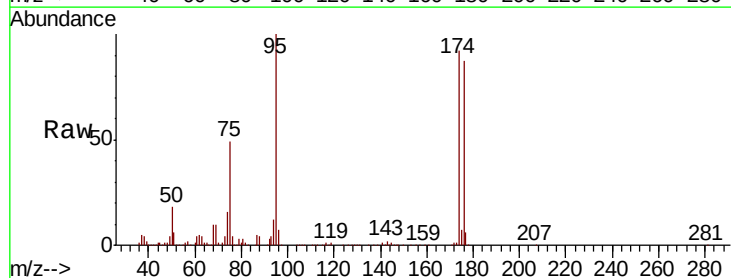
Tgt Ion: 75 Resp: 199895

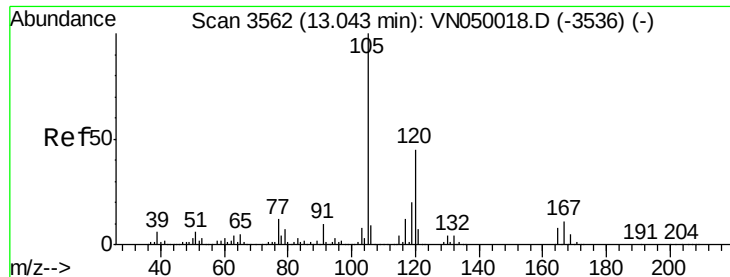
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#

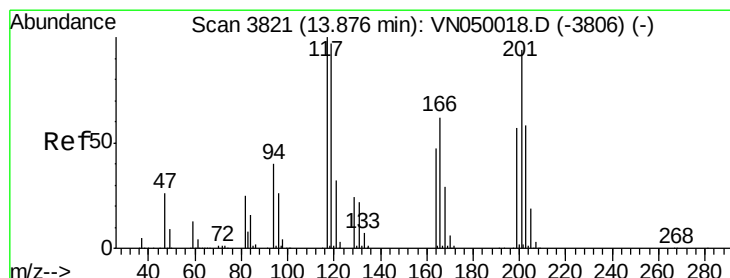
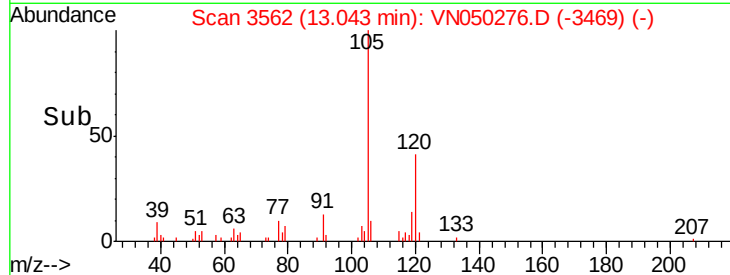
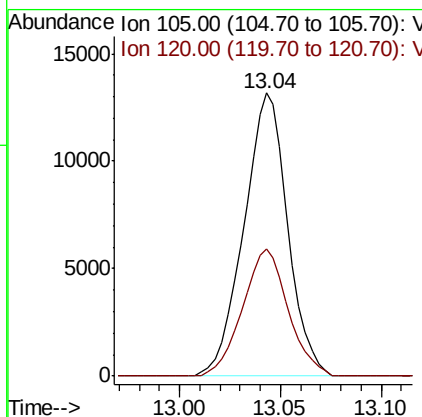
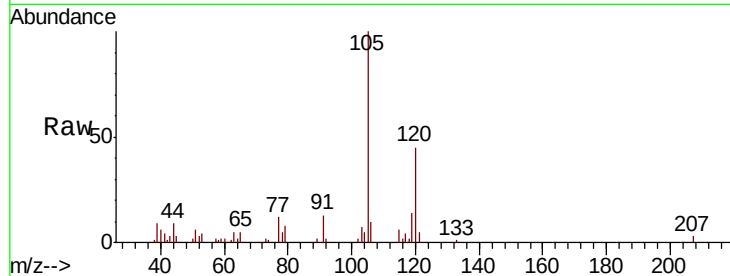




#84
 1,2,4-Trimethylbenzene
 Concen: 0.91 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

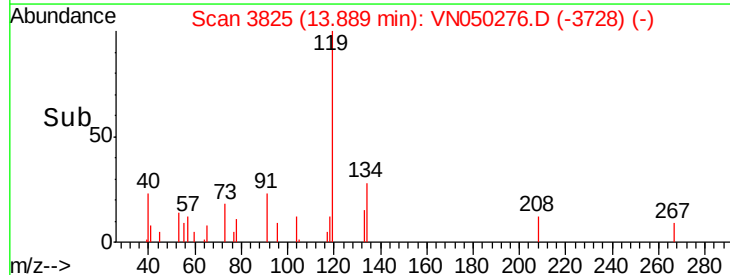
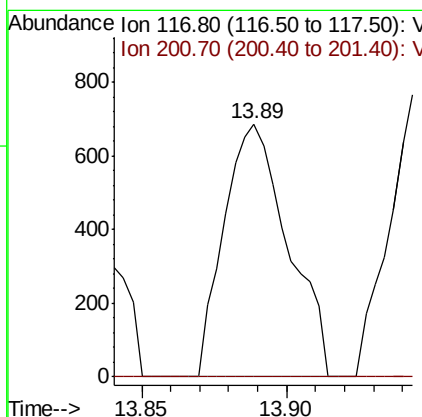
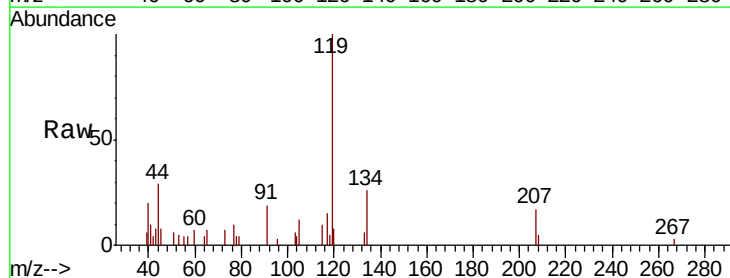
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-C

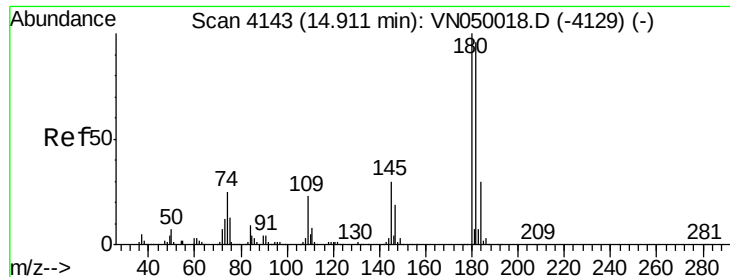
Tot Ion:105 Resp: 19960
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.22 ug/l
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.01 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion:117 Resp: 1051
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#

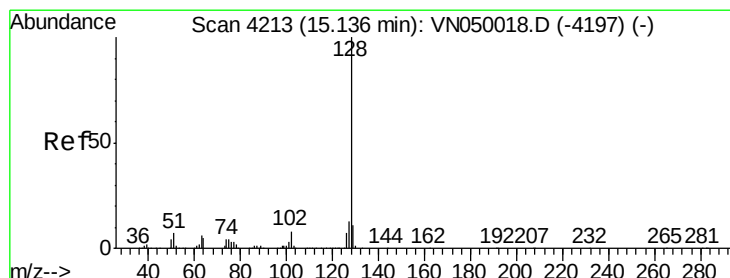
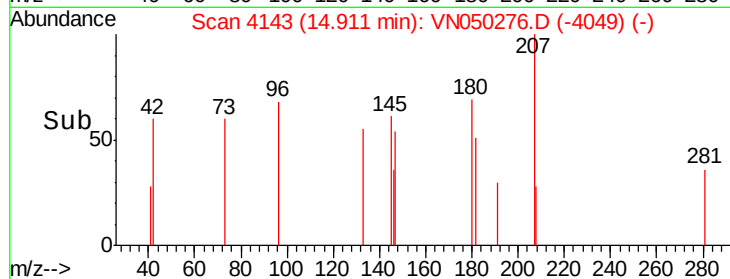
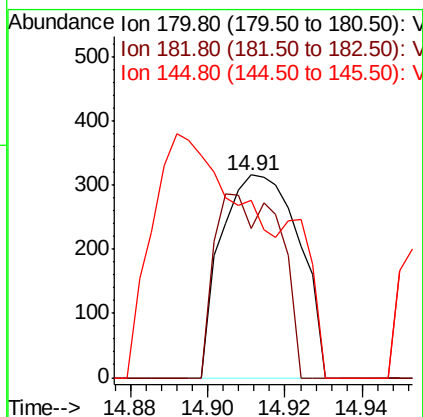
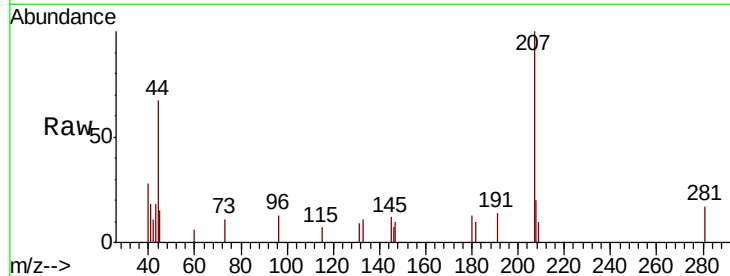




#93
 1,2,4-Trichlorobenzene
 Concen: 3.15 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

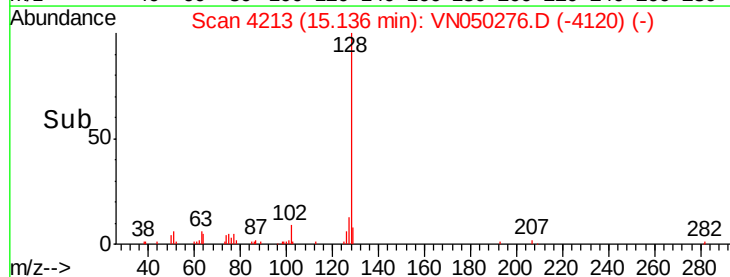
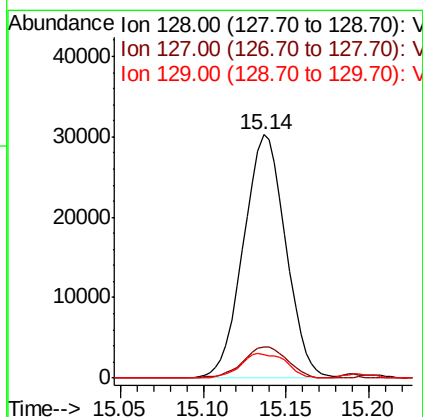
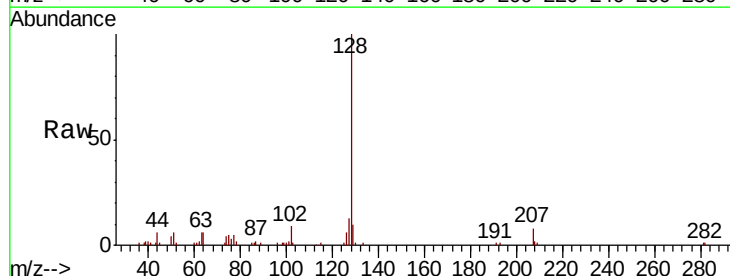
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-080118-C

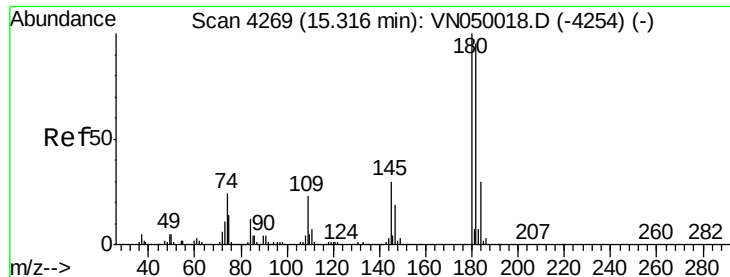
Tot Ion:180 Resp: 439
 Ion Ratio Lower Upper
 180 100
 182 76.1 46.7 140.1
 145 149.2 13.8 41.4#



#95
 Naphthalene
 Concen: 7.41 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050276.D
 Acq: 2 Aug 2018 20:19

Tgt Ion:128 Resp: 53678
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 10.9 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 2.25 ua/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050276.D

Acq: 2 Aug 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

EO-03-080118-C

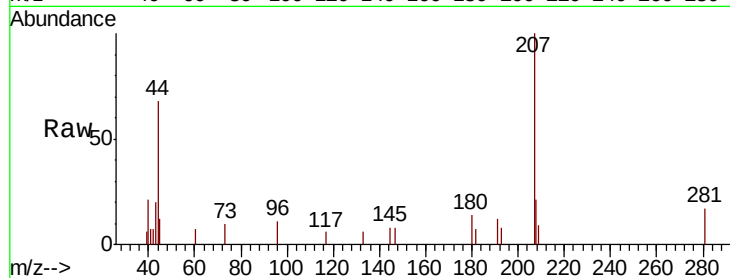
Tot Ion:180 Resp: 338

Ion Ratio Lower Upper

180 100

182 47.3 48.1 144.4#

145 0.0 15.3 45.9#



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

