

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052776.D
 Acq On : 11 Dec 2018 2:44
 Operator : MD\SY
 Sample : J6196-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-120718-C

Quant Time: Dec 11 03:15:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1214323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1636707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	650660	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	637384	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	532535	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	
50) Toluene-d8	10.09	98	2308517	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	726238	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	294	0.444	ug/l #	73
14) Allyl chloride	4.55	41	104804	5.346	ug/l #	27
16) Acetone	3.82	43	97842	28.056	ug/l	98
18) Methyl Acetate	4.33	43	3431	0.343	ug/l #	87
20) Methylene Chloride	4.55	84	2871098	210.382	ug/l	98
25) 2-Butanone	6.84	43	1586	0.321	ug/l #	82
29) Tetrahydrofuran	7.22	42	1506	0.472	ug/l #	38
31) Cyclohexane	7.67	56	20927	0.558	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83230	4.698	ug/l #	49
38) Carbon Tetrachloride	7.67	117	108240	6.748	ug/l #	15
43) Isopropyl Acetate	8.17	43	65490	3.579	ug/l #	74
45) 1,2-Dichloropropane	9.27	63	3165	0.225	ug/l #	43
48) Methyl methacrylate	9.18	41	14814	1.553	ug/l #	13
49) 1,4-Dioxane	9.27	88	165	1.666	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16596	1.616	ug/l #	36
52) Toluene	10.16	92	6830	0.218	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	113103	5.806	ug/l #	62
56) Ethyl methacrylate	10.55	69	1307	2.774	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	22188	1.139	ug/l #	43
59) 2-Hexanone	10.76	43	309941	44.979	ug/l #	52
68) m/p-Xylenes	11.62	106	15505	0.705	ug/l	98
69) o-Xylene	11.95	106	7665	0.359	ug/l	96
71) Bromoform	12.40	173	4119	0.530	ug/l #	1
74) N-ethyl acetate	11.88	43	35361	2.742	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	345282	34.413	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17968	0.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	345282	114.922	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	48370	1.185	ug/l	100
90) Hexachloroethane	13.89	117	1662	0.233	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.90	180	635	2.881	ug/l #	70
95) Naphthalene	15.13	128	209442	11.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	65	2.733	ug/l #	1

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QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

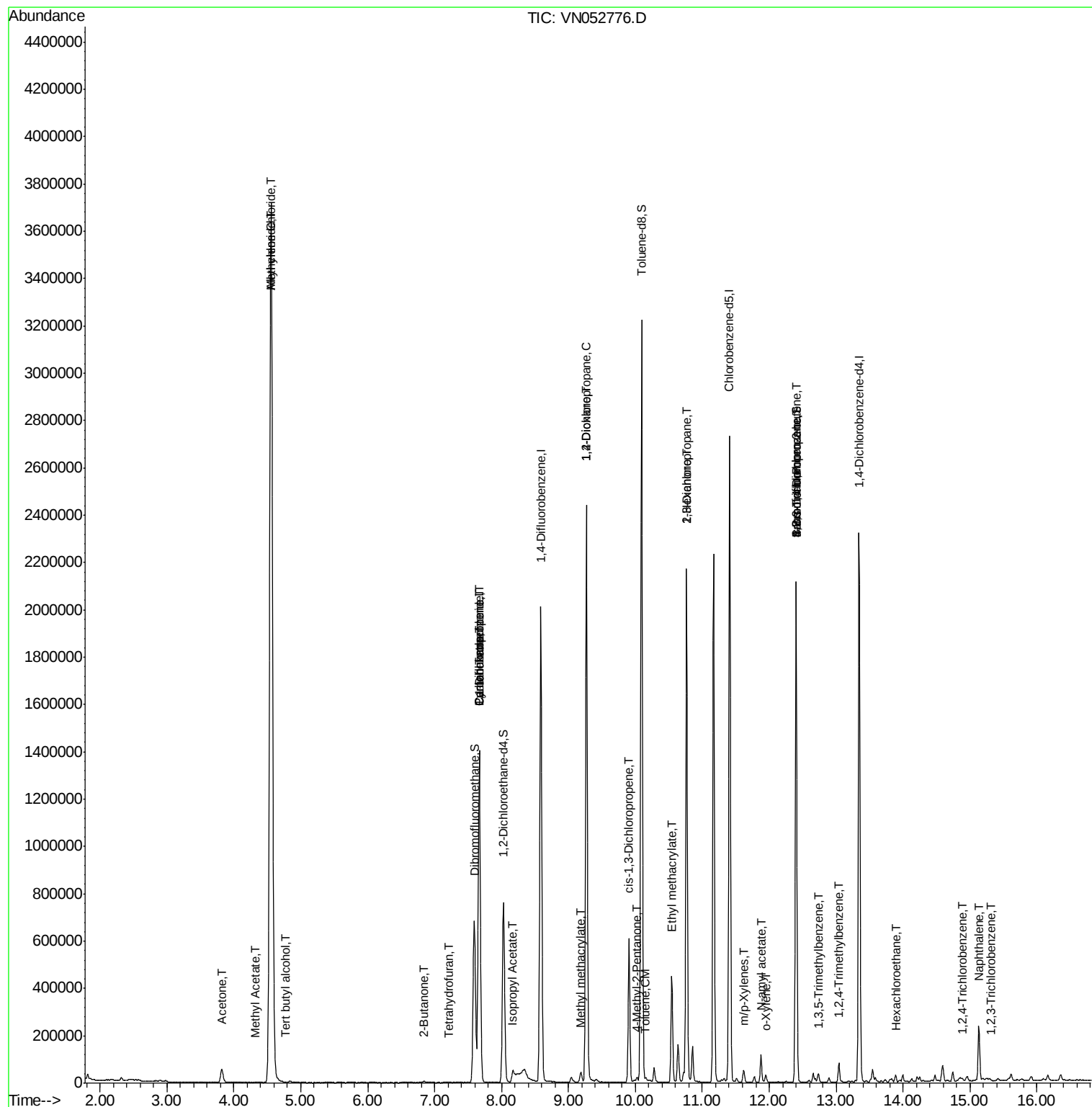
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

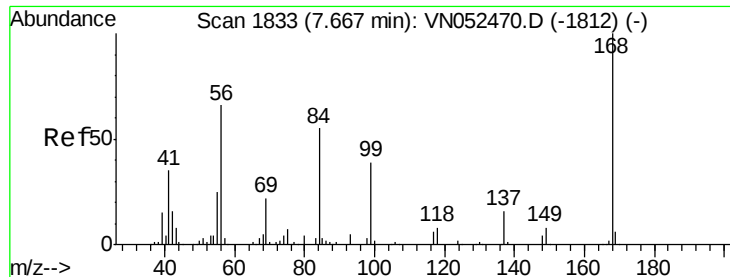
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

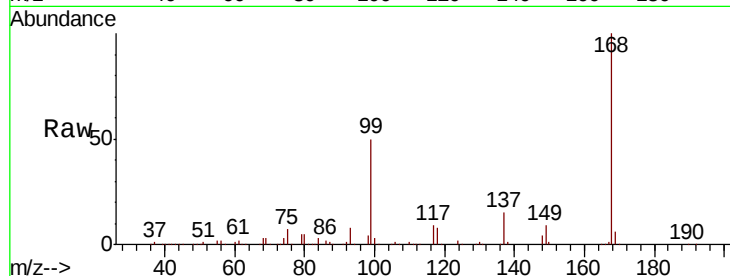
EO-03-120718-C

Tot Ion:168 Resp: 1214323

Ion Ratio Lower Upper

168 100

99 50.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052776.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052776.D (-1740) (-)

7.67

600000

500000

400000

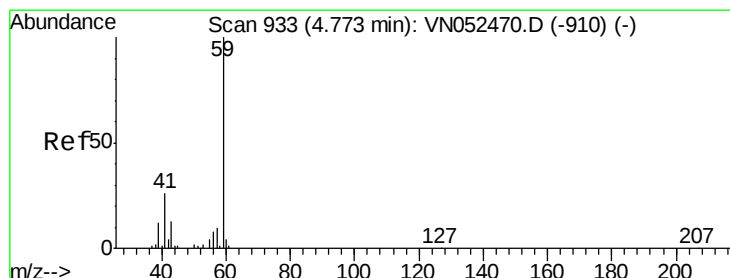
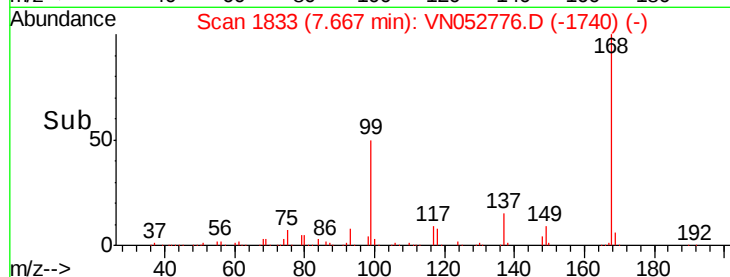
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.444 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN052776.D

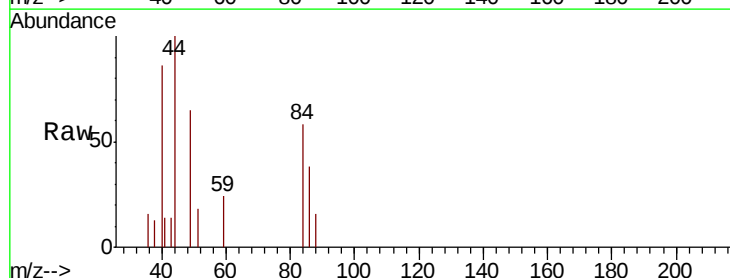
Acq: 11 Dec 2018 2:44

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN052776.D (-840) (-)

Ion 57.00 (56.70 to 57.70): VN052776.D (-840) (-)

4.77

300

250

200

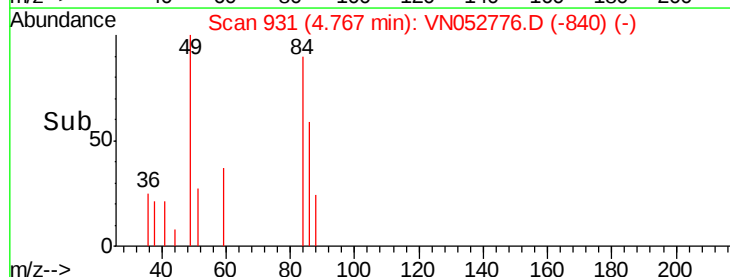
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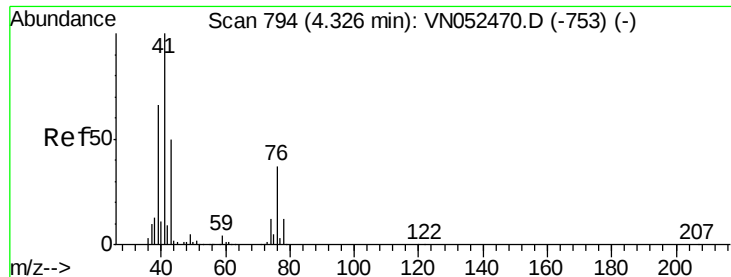
100

50

0

Time-->

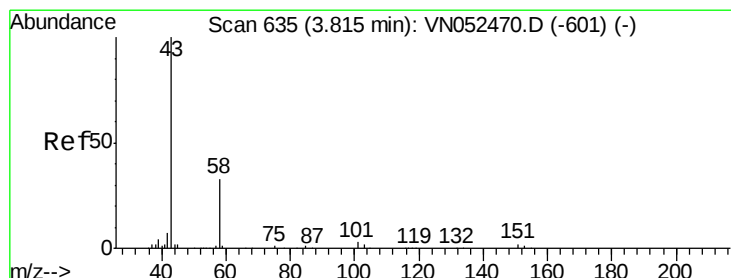
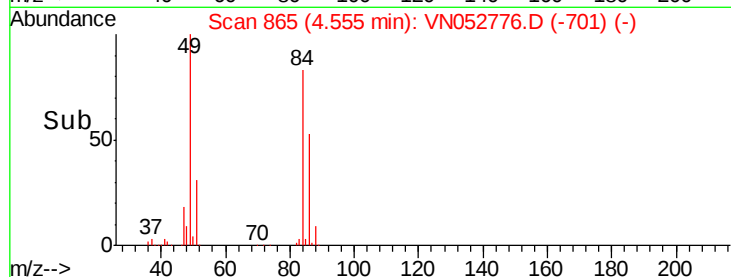
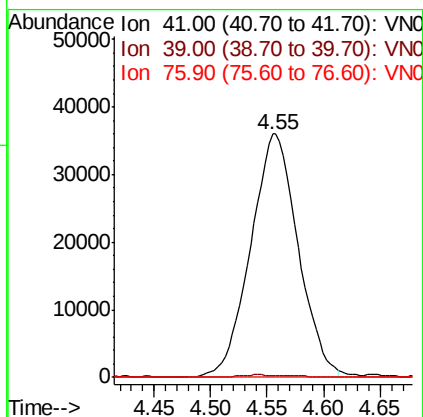
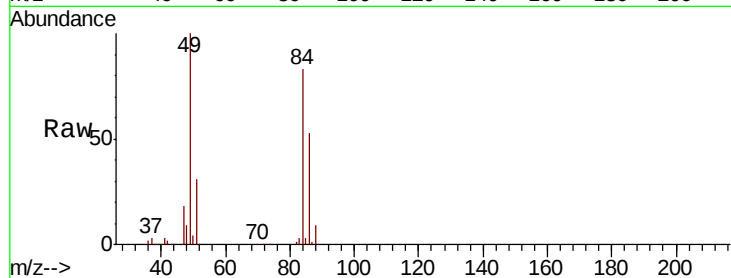




#14
Allvl chloride
Concen: 5.346 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

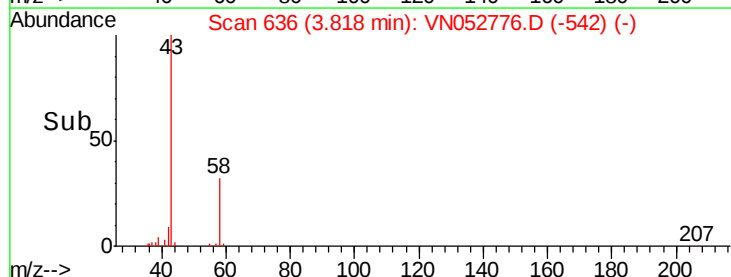
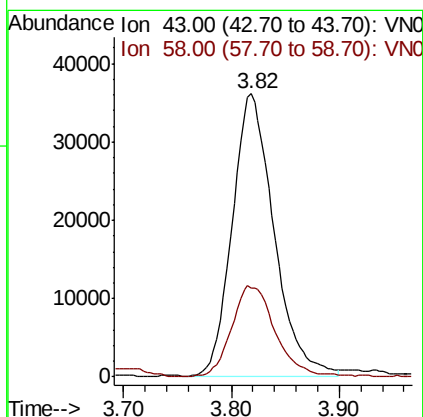
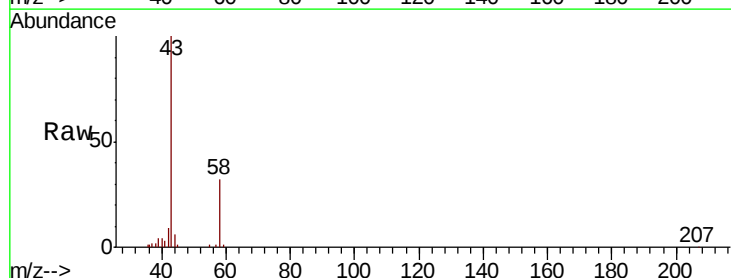
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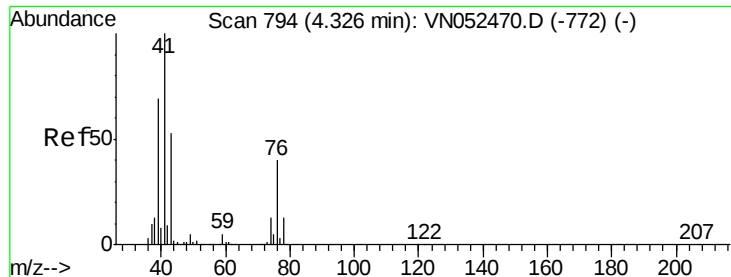
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.4	50.6	76.0#
76	0.0	27.4	41.2#



#16
Acetone
Concen: 28.056 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.0	39.0

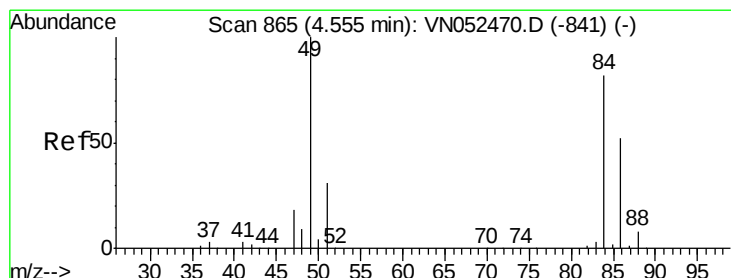
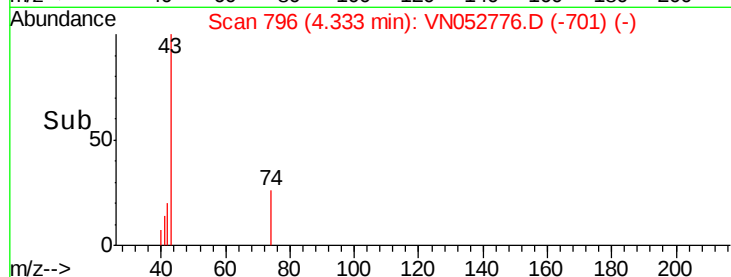
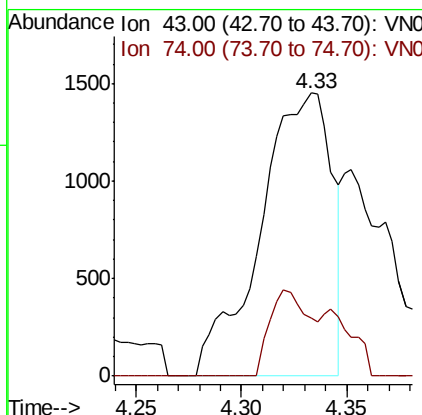
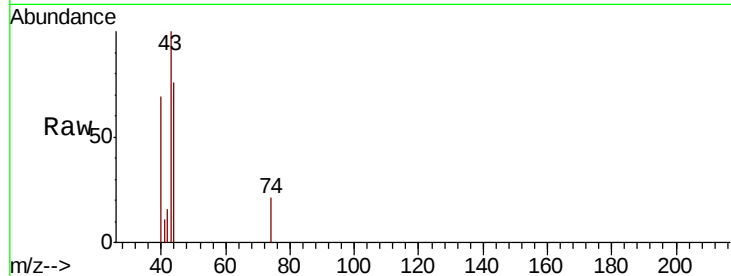




#18
Methyl Acetate
Concen: 0.343 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

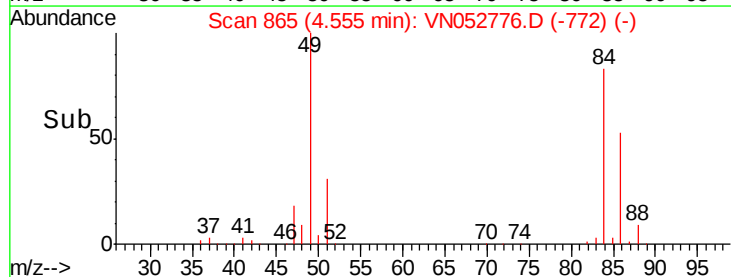
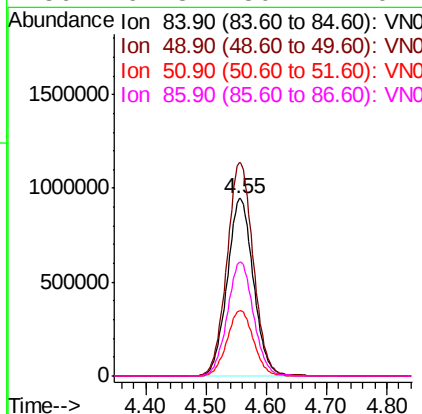
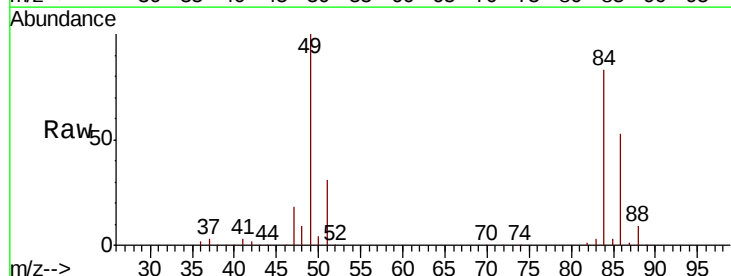
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MSVOA_N
ClientSampleId :
EO-03-120718-C

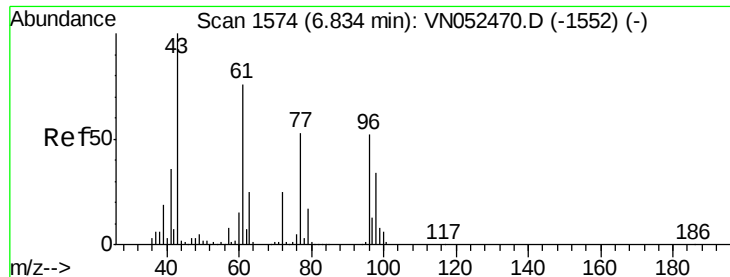
Tot Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
74 16.8 18.6 27.8#



#20
Methylene Chloride
Concen: 210.382 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion: 84 Resp: 2871098
Ion Ratio Lower Upper
84 100
49 120.4 98.0 147.0
51 37.1 30.1 45.1
86 64.3 50.7 76.1

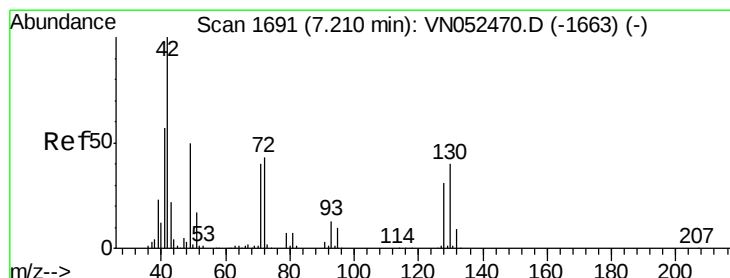
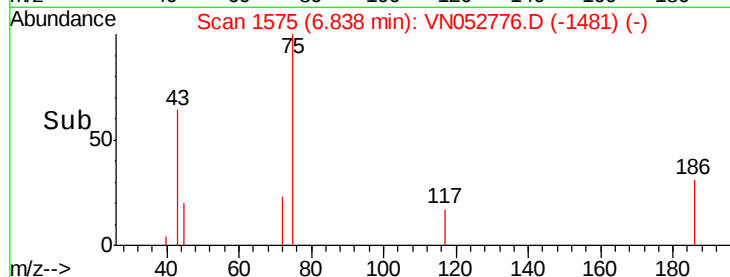
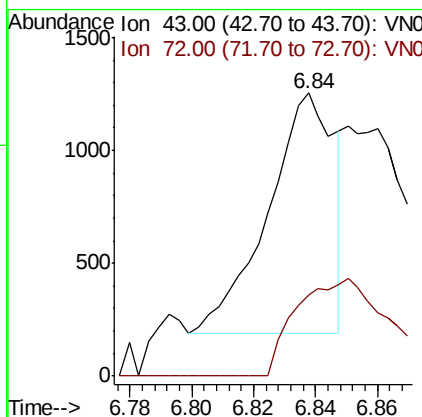
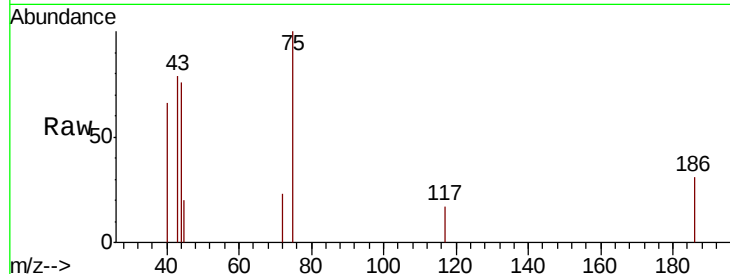




#25
2-Butanone
Concen: 0.321 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

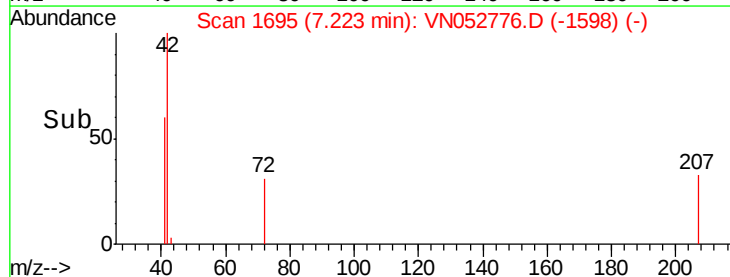
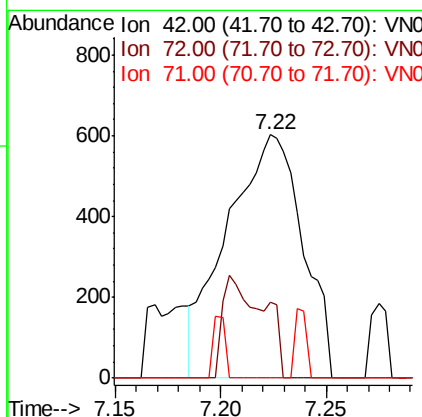
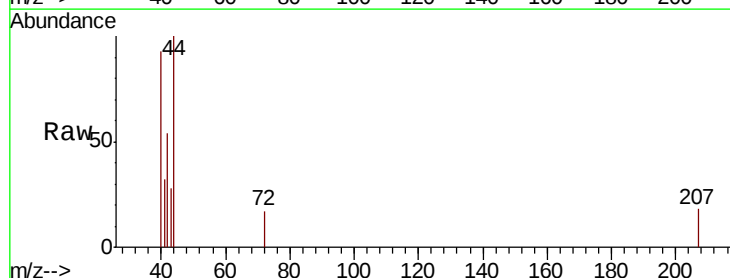
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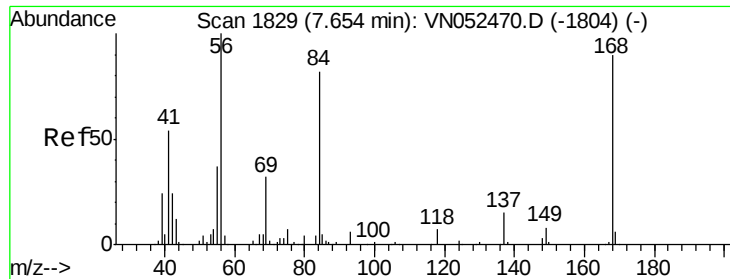
Tot Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
72 34.0 20.1 30.1#



#29
Tetrahydrofuran
Concen: 0.472 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion: 42 Resp: 1506
Ion Ratio Lower Upper
42 100
72 0.0 33.3 49.9#
71 4.4 32.0 48.0#

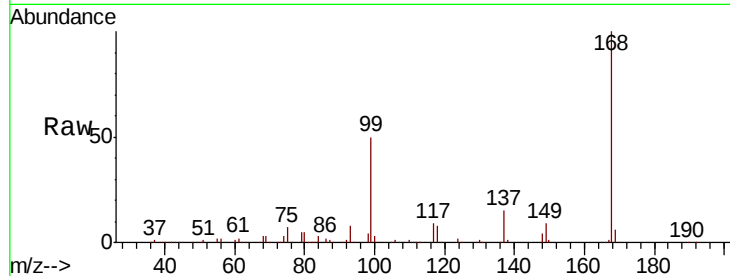




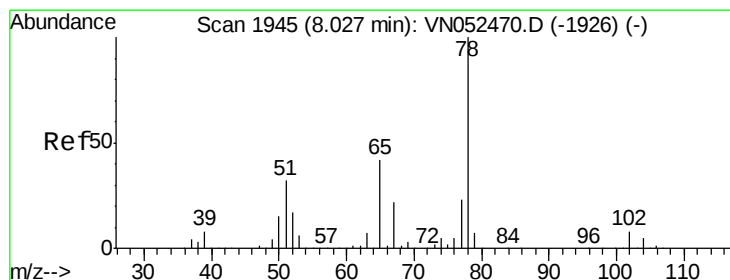
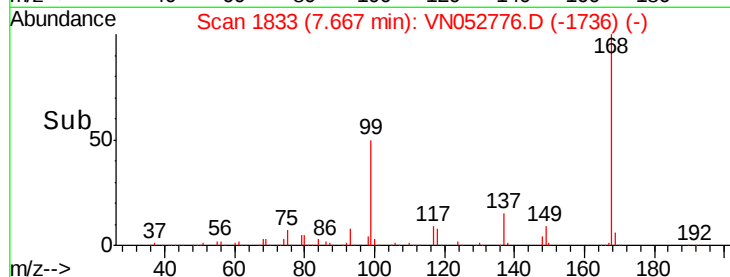
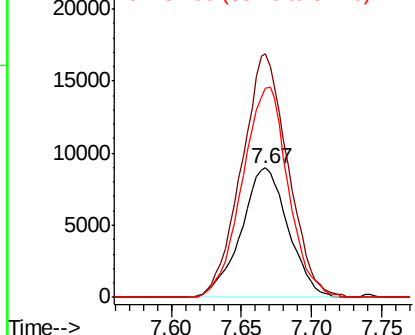
#31
Cyclohexane
Concen: 0.558 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Instrument :
MSVOA_N
ClientSampleId :
EO-03-120718-C

Tot Ion: 56 Resp: 20927
Ion Ratio Lower Upper
56 100
69 187.8 25.8 38.6#
84 161.0 65.3 97.9#

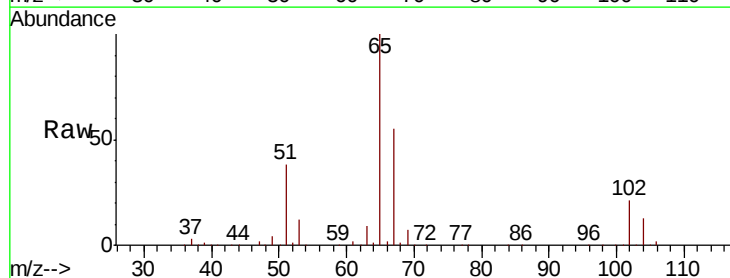


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

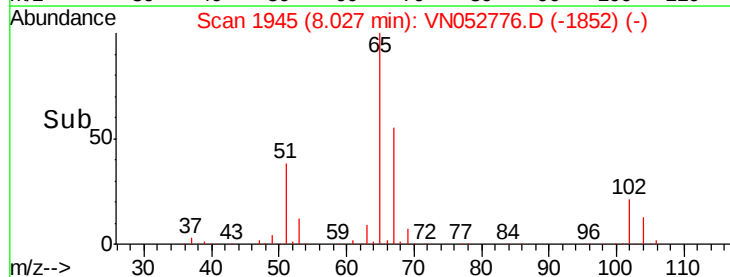
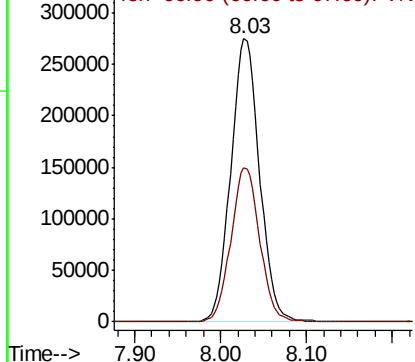


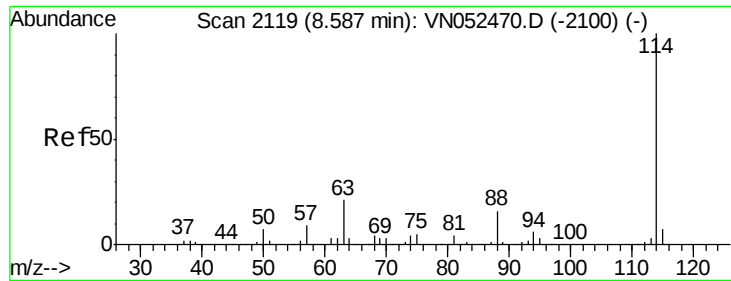
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion: 65 Resp: 637384
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.8



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

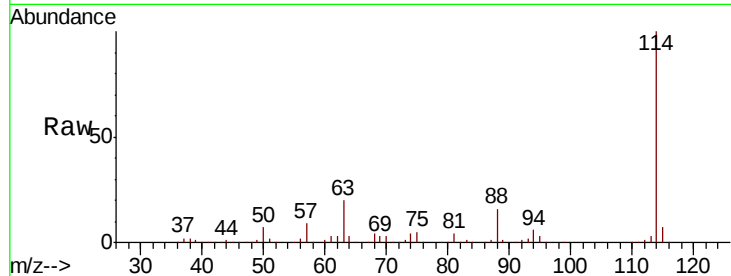




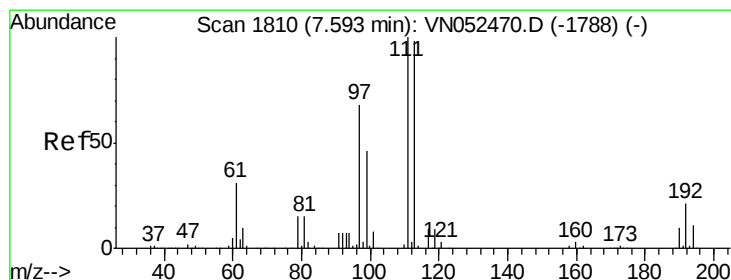
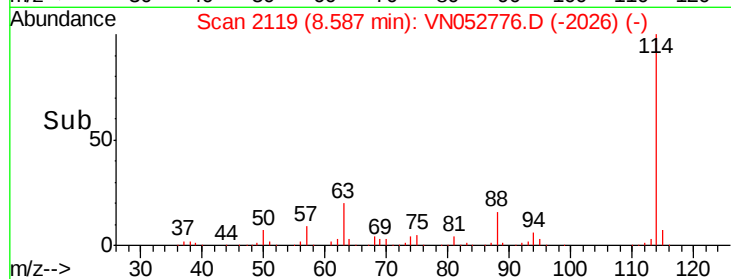
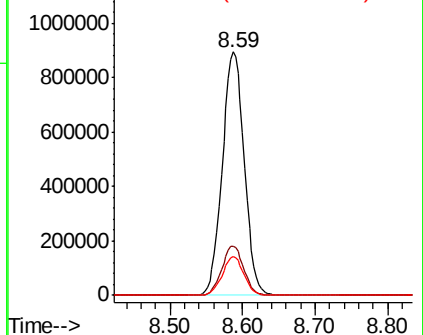
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052776.D
 Acq: 11 Dec 2018 2:44

Instrument :
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 EO-03-120718-C

Tot Ion:114 Resp: 1876249
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.8 0.0 31.6

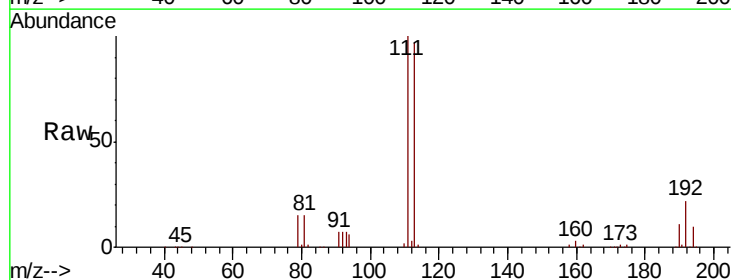


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

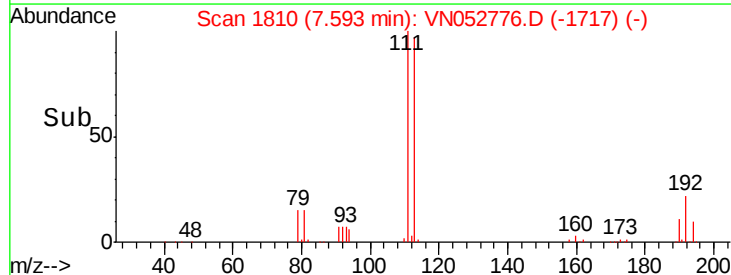
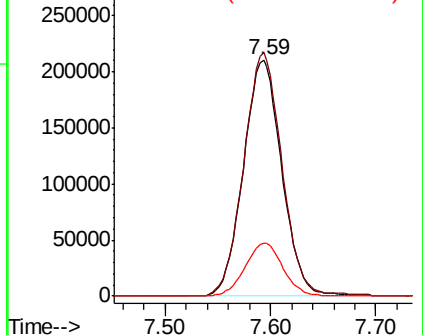


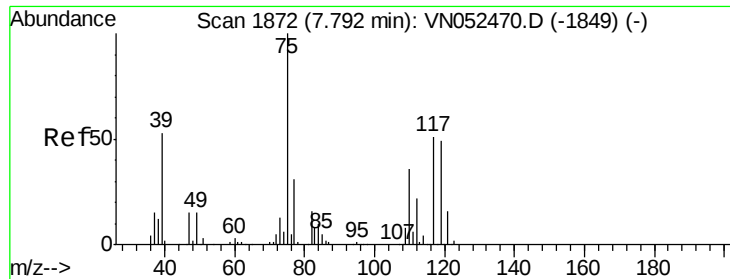
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052776.D
 Acq: 11 Dec 2018 2:44

Tgt Ion:113 Resp: 532535
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 22.1 17.0 25.6



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

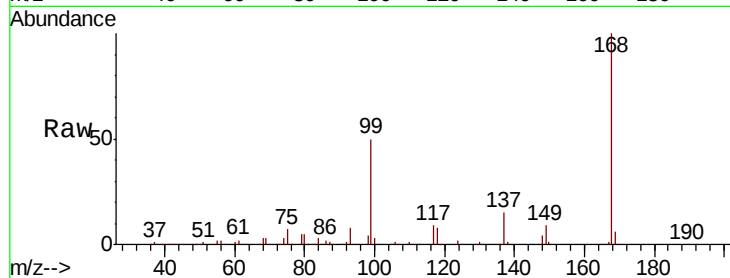




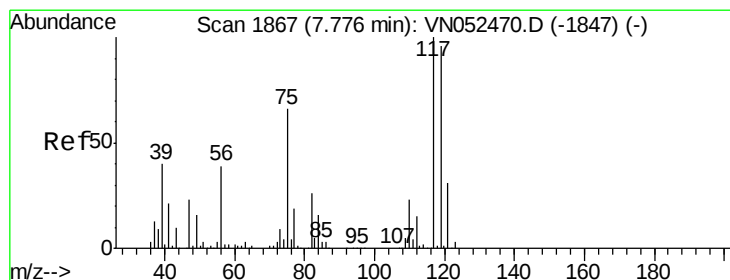
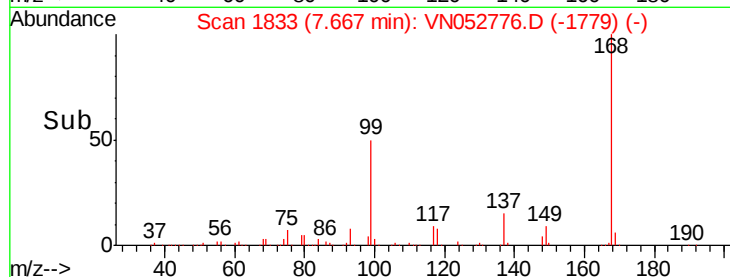
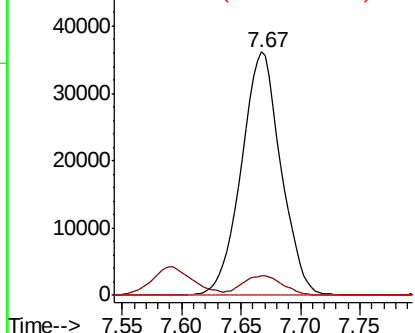
#36
 1,1-Dichloropropene
 Concen: 4.698 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052776.D
 Acq: 11 Dec 2018 2:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-120718-C

Tot Ion	75	Resp	83230
Ion Ratio	Lower	Upper	
75	100		
110	8.2	17.5	52.6#
77	0.0	24.5	36.7#

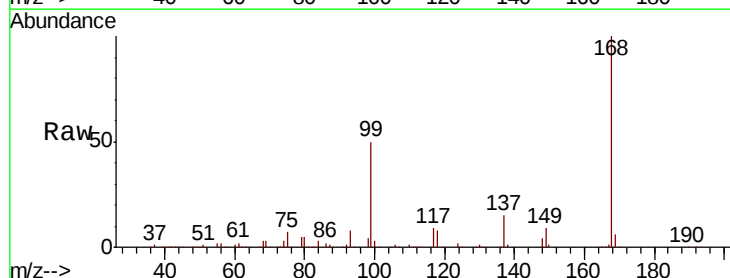


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

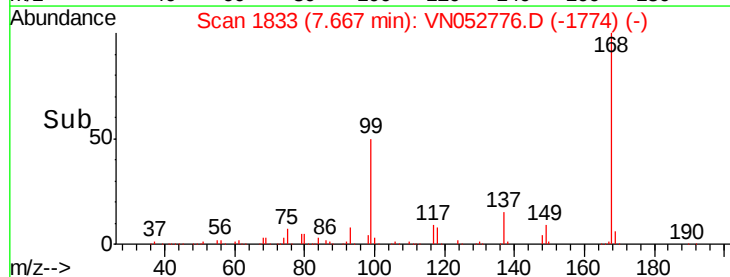
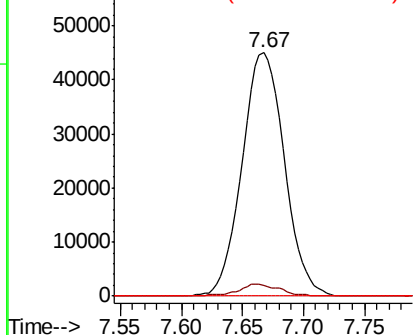


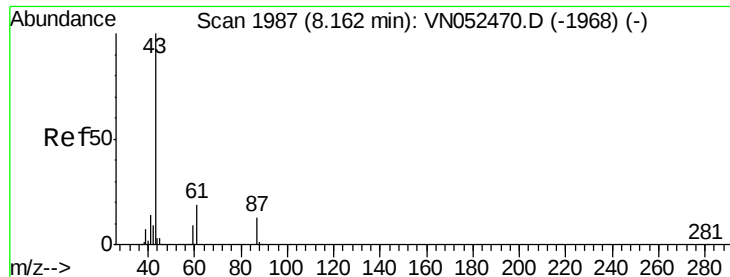
#38
 Carbon Tetrachloride
 Concen: 6.748 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052776.D
 Acq: 11 Dec 2018 2:44

Tgt Ion	117	Resp	108240
Ion Ratio	Lower	Upper	
117	100		
119	4.3	76.8	115.2#
121	0.0	24.9	37.3#



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





#43

Isopropyl Acetate

Concen: 3.579 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-C

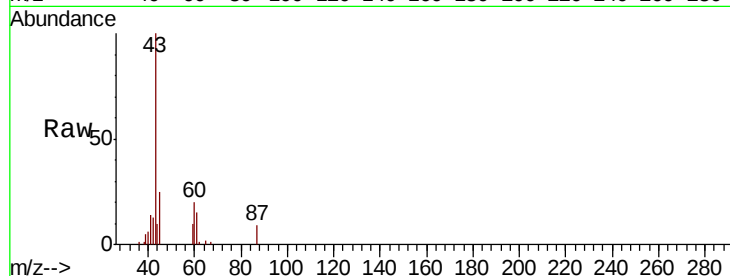
Tot Ion: 43 Resp: 65490

Ion Ratio Lower Upper

43 100

61 12.7 24.1 36.1#

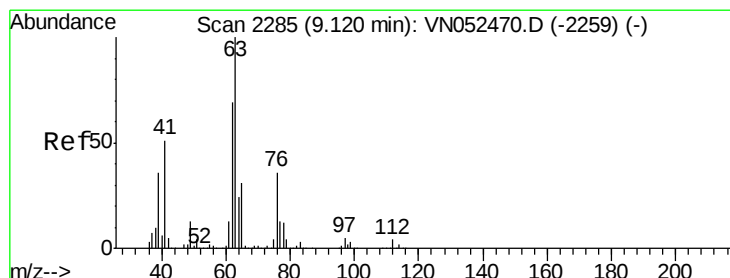
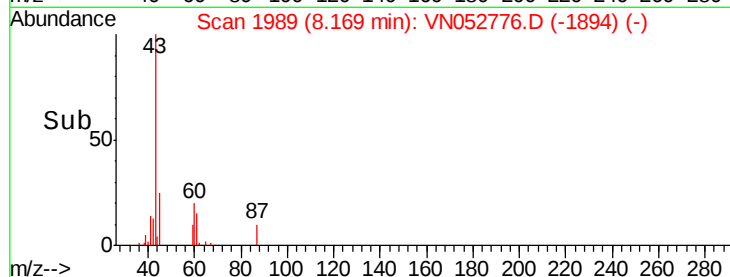
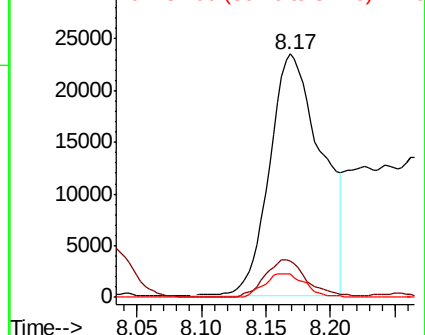
87 7.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052776.D

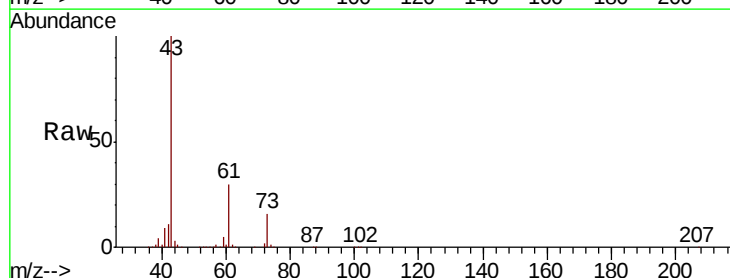
Acq: 11 Dec 2018 2:44

Tgt Ion: 63 Resp: 3165

Ion Ratio Lower Upper

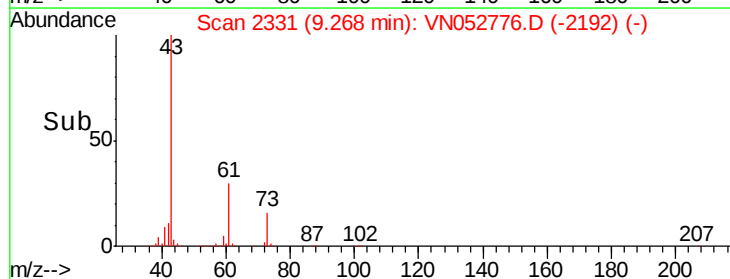
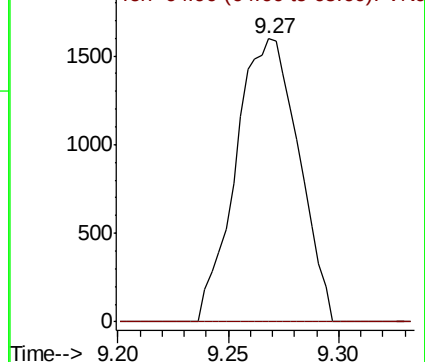
63 100

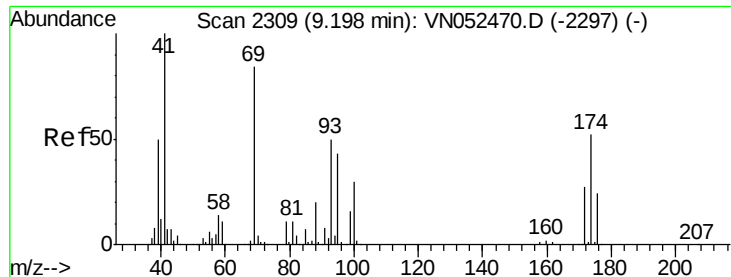
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

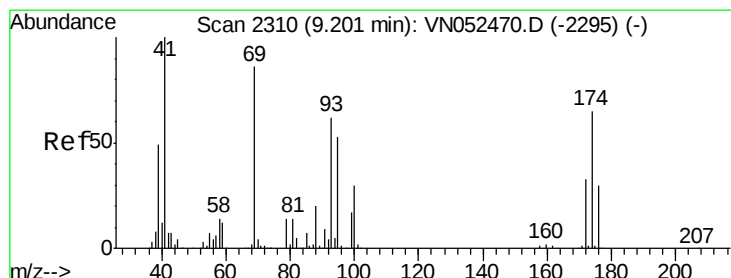
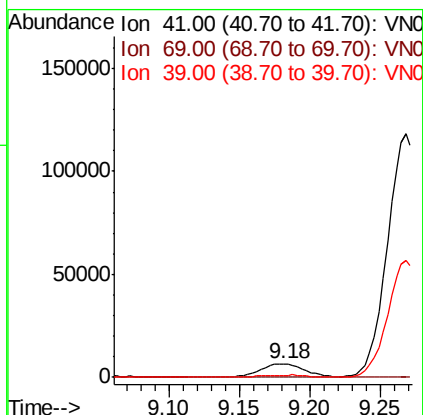
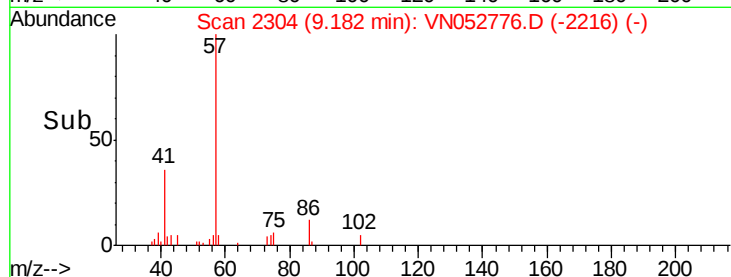
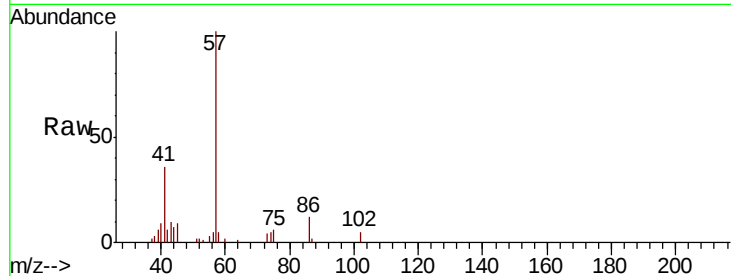




#48
Methvl methacrylate
Concen: 1.553 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

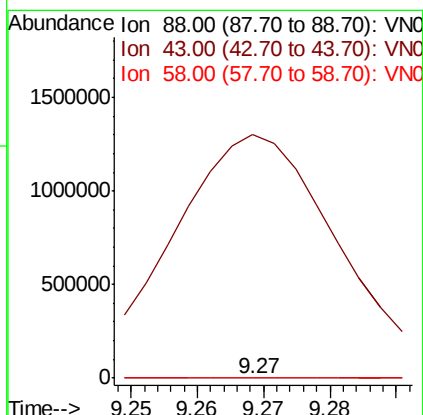
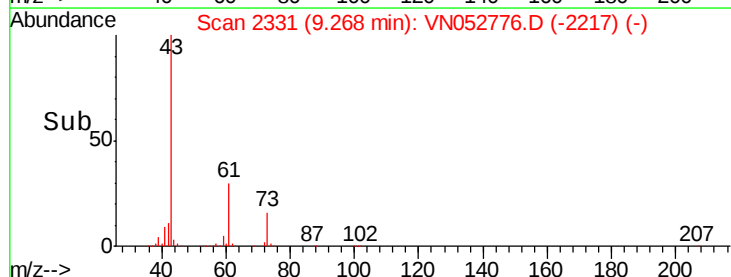
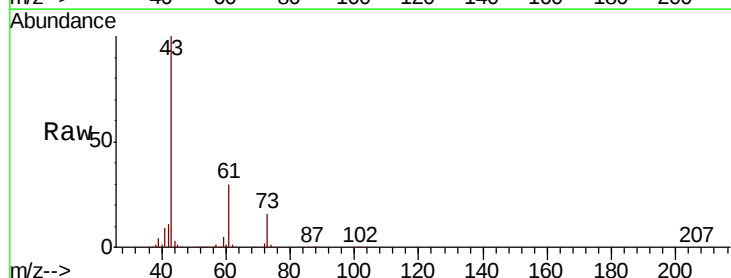
Instrument :
MSVOA_N
ClientSampleId :
EO-03-120718-C

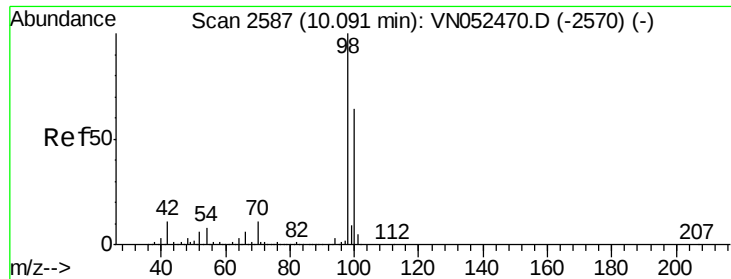
Tot Ion: 41 Resp: 14814
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#



#49
1,4-Dioxane
Concen: 1.666 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion: 88 Resp: 165
Ion Ratio Lower Upper
88 100
43 1426867.9 26.4 39.6#
58 6454.5 55.4 83.0#





#50

Toluene-d8

Concen: 1.666 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

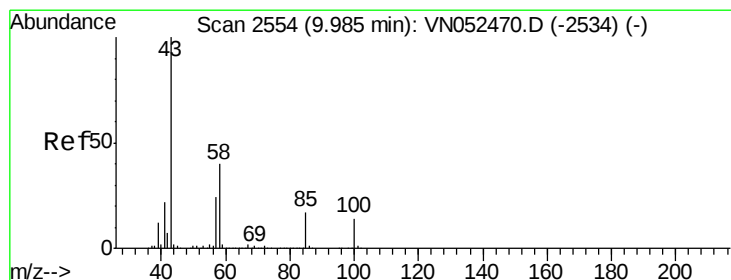
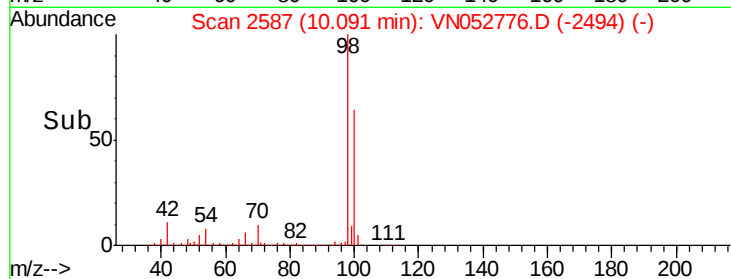
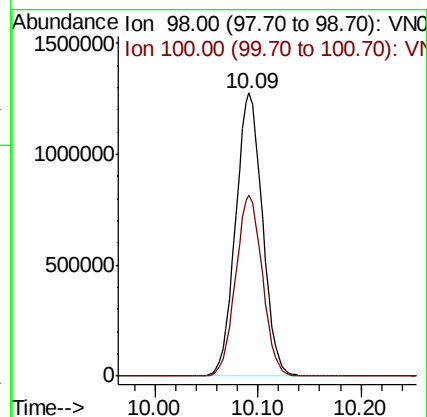
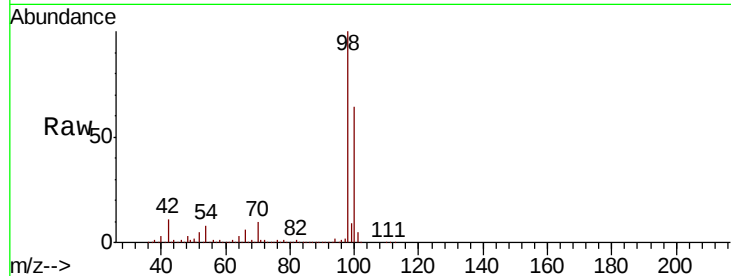
EO-03-120718-C

Tot Ion: 98 Resp: 2308517

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.616 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052776.D

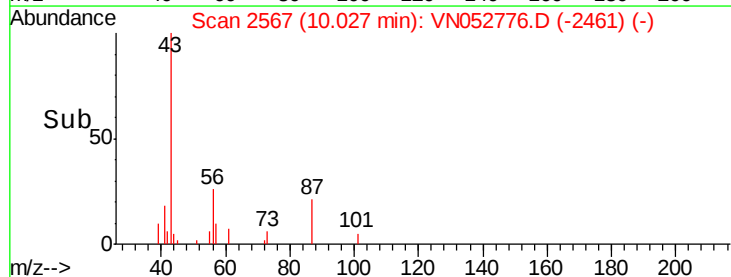
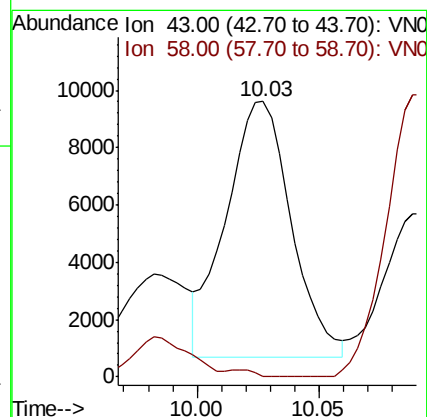
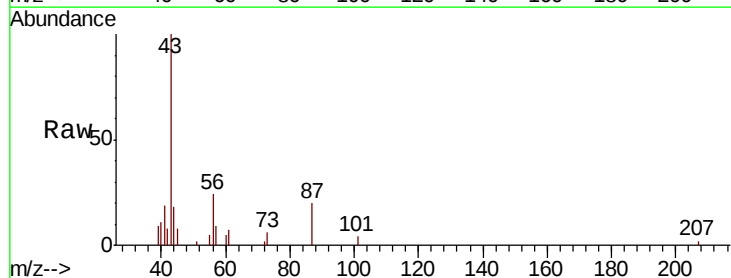
Acq: 11 Dec 2018 2:44

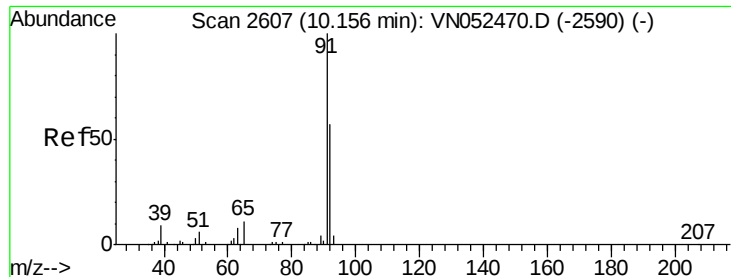
Tgt Ion: 43 Resp: 16596

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#





#52

Toluene

Concen: 0.218 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

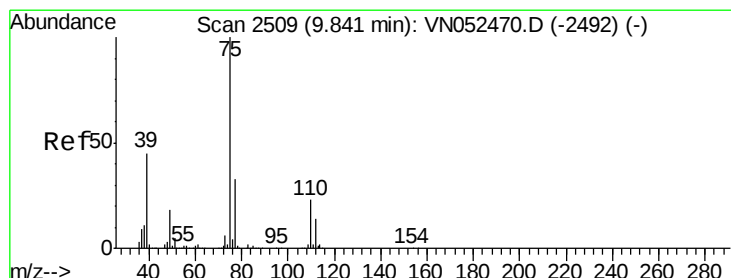
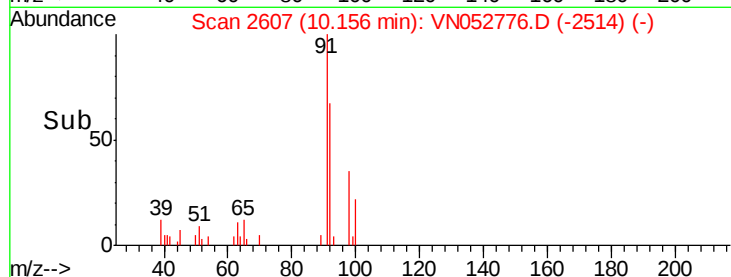
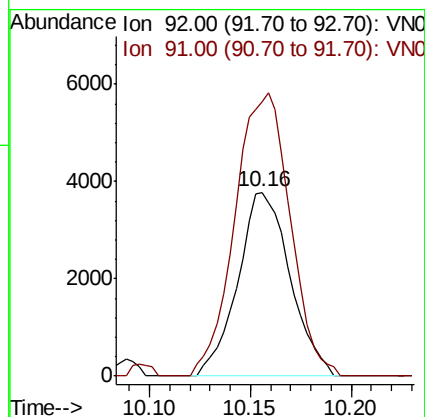
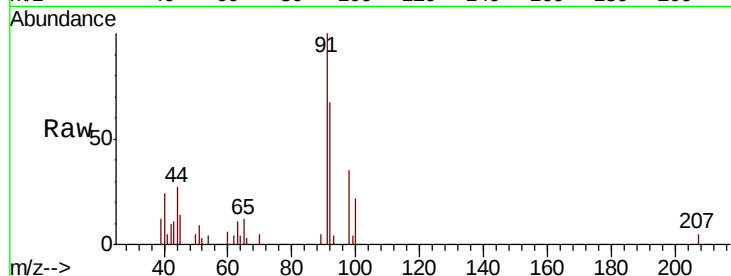
EO-03-120718-C

Tot Ion: 92 Resp: 6830

Ion Ratio Lower Upper

92 100

91 163.0 141.0 211.4



#54

cis-1,3-Dichloropropene

Concen: 5.806 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

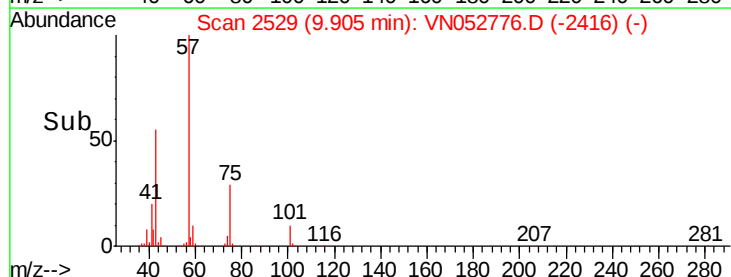
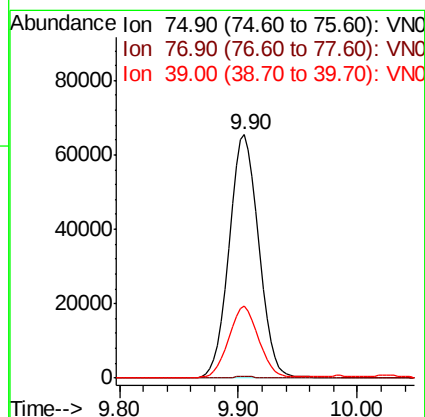
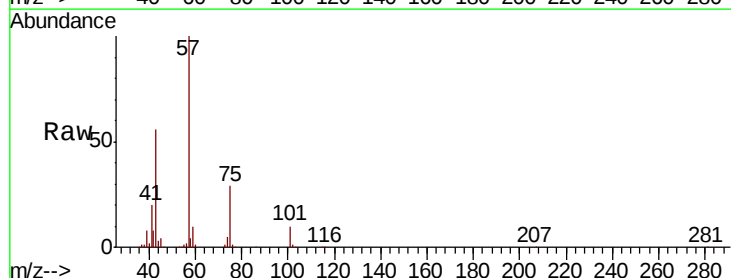
Tgt Ion: 75 Resp: 113103

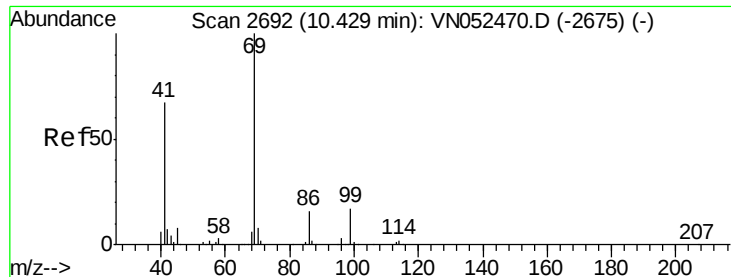
Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 29.4 36.0 54.0#





#56

Ethyl methacrylate

Concen: 2.774 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-C

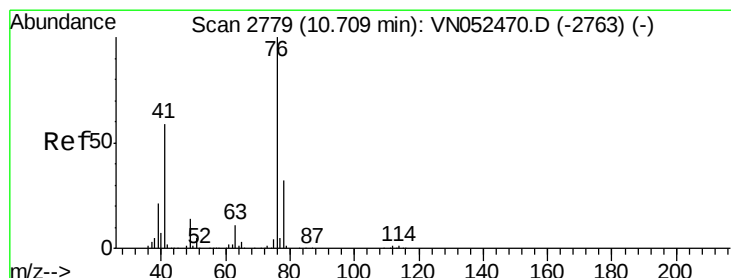
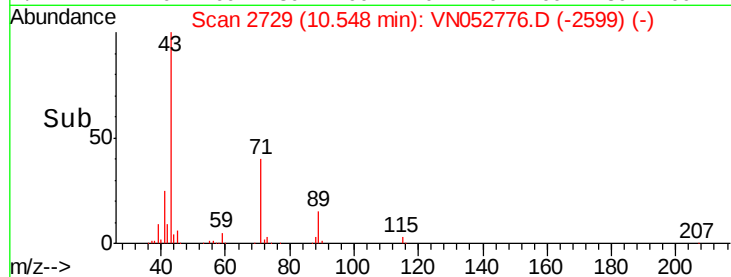
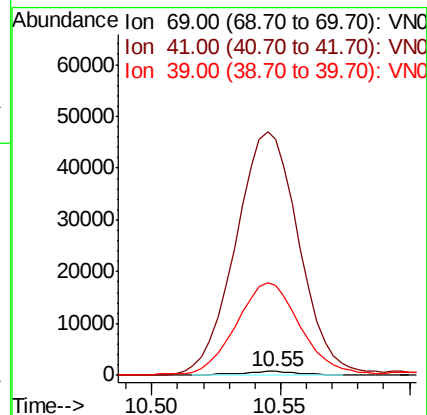
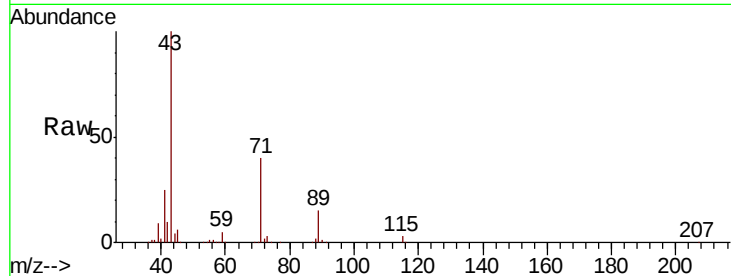
Tot Ion: 69 Resp: 1307

Ion Ratio Lower Upper

69 100

41 6206.4 52.6 79.0#

39 2409.5 25.9 38.9#



#57

1,3-Dichloropropane

Concen: 1.139 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052776.D

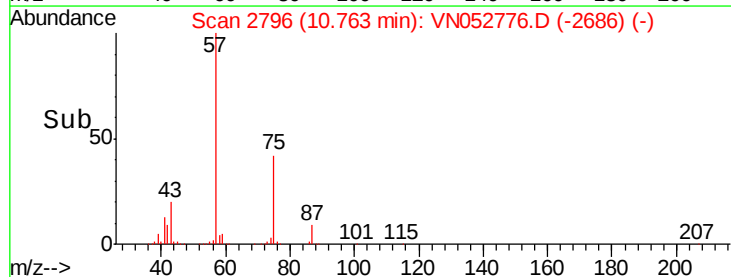
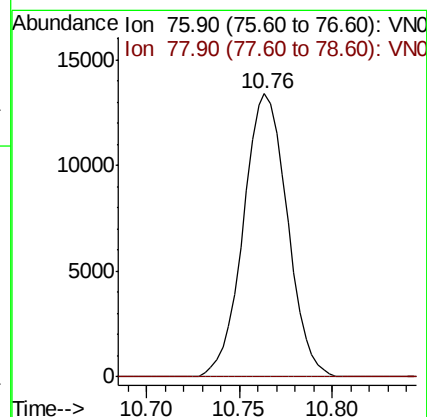
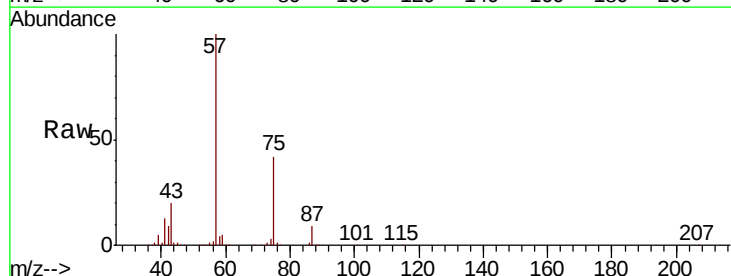
Acq: 11 Dec 2018 2:44

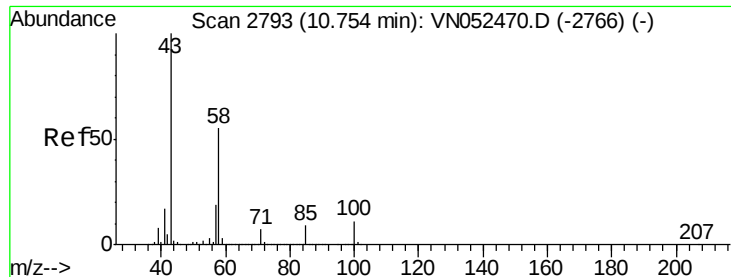
Tgt Ion: 76 Resp: 22188

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

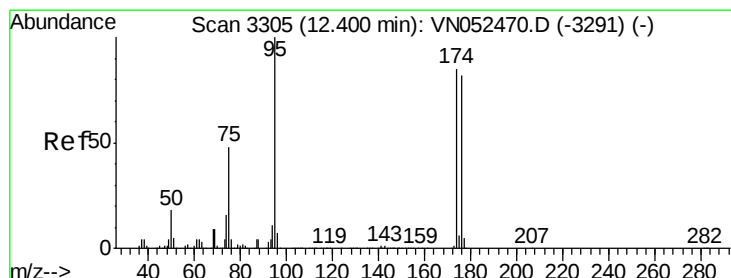
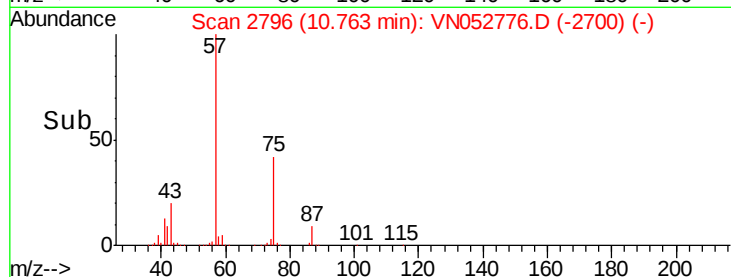
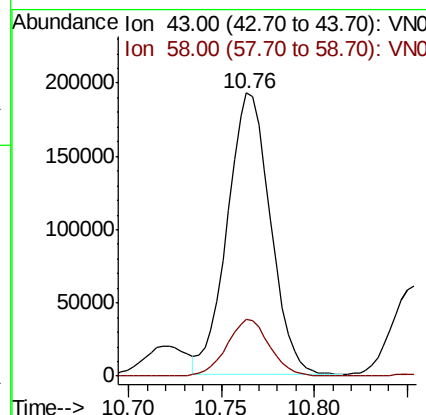
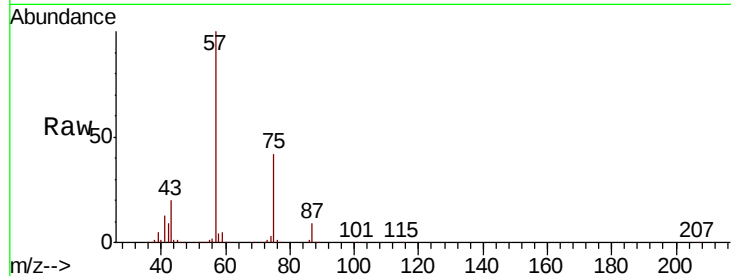




#59
2-Hexanone
Concen: 44.979 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

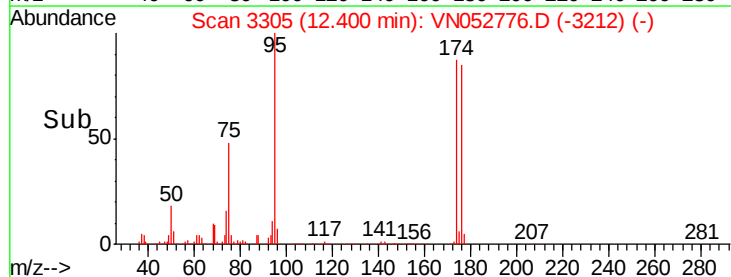
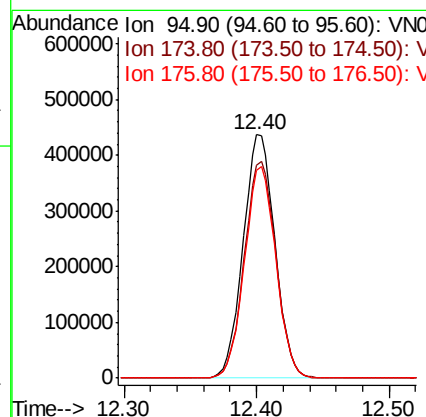
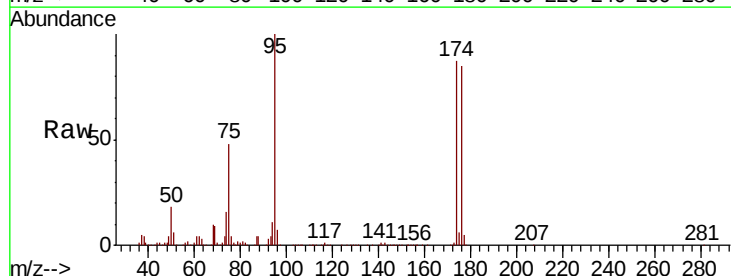
Instrument :
MSVOA_N
ClientSampleId :
EO-03-120718-C

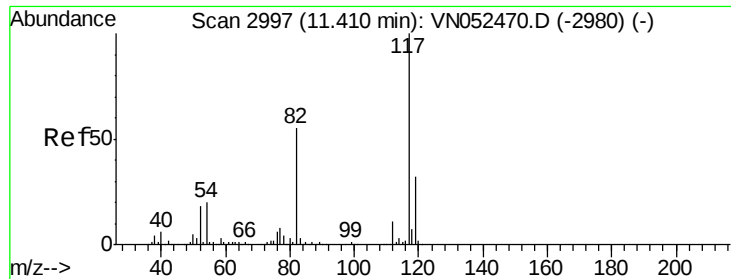
Tot Ion: 43 Resp: 309941
Ion Ratio Lower Upper
43 100
58 20.0 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion: 95 Resp: 726238
Ion Ratio Lower Upper
95 100
174 88.9 0.0 173.0
176 86.0 0.0 166.2

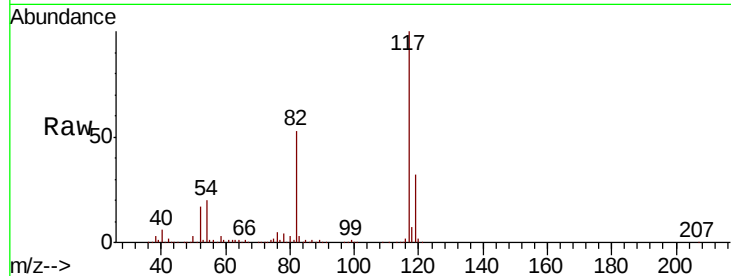




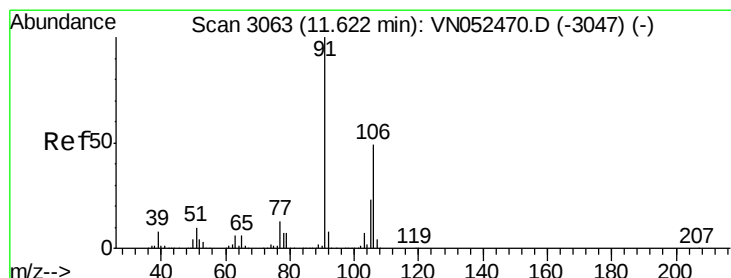
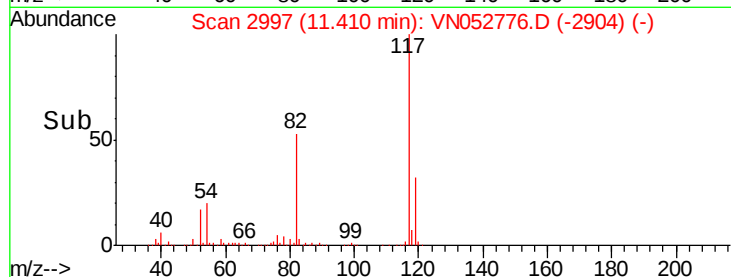
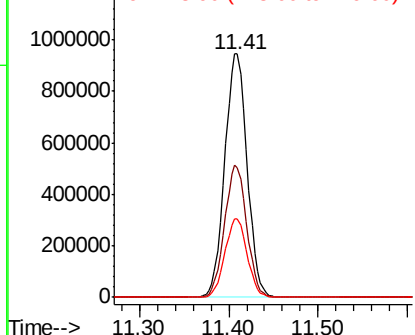
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Instrument :
MSVOA_N
ClientSampleId :
EO-03-120718-C

Tot Ion:117 Resp: 1636707
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 32.3 25.4 38.2

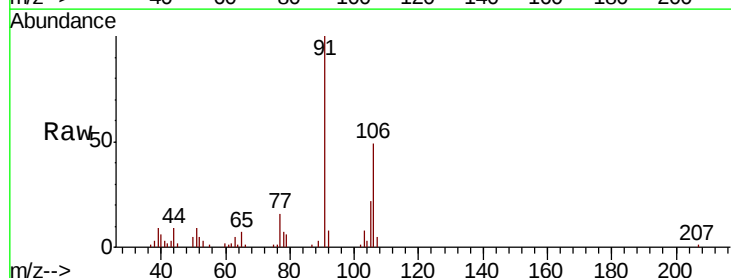


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

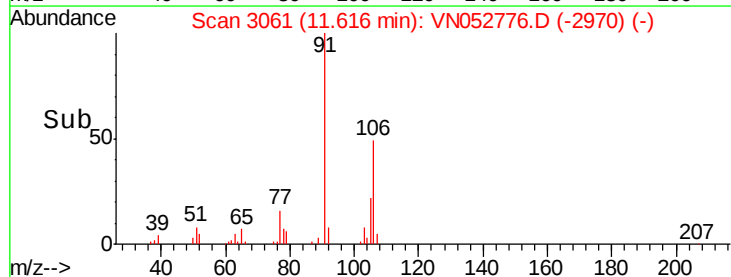
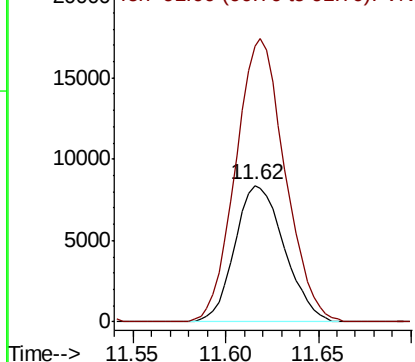


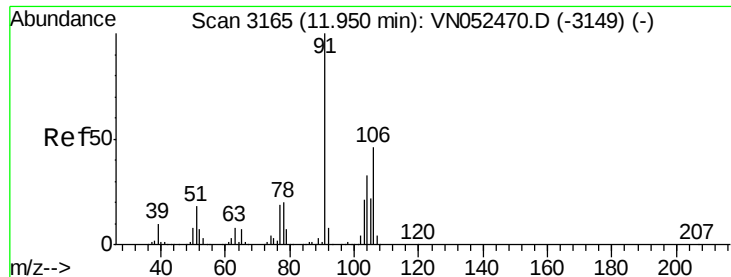
#68
m/p-Xylenes
Concen: 0.705 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion:106 Resp: 15505
Ion Ratio Lower Upper
106 100
91 207.3 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

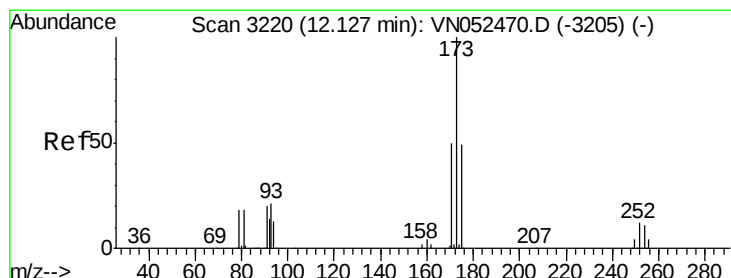
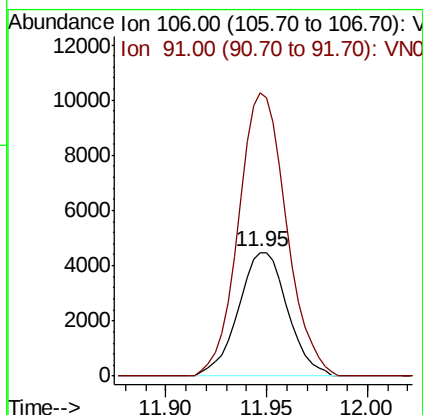
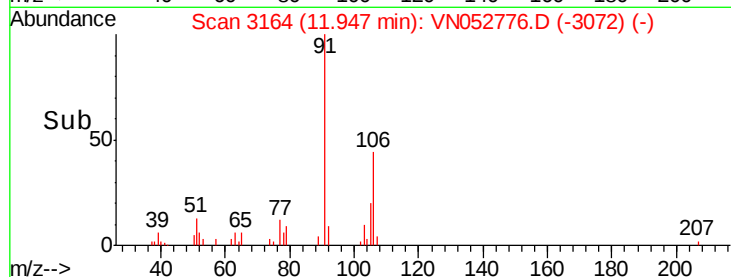
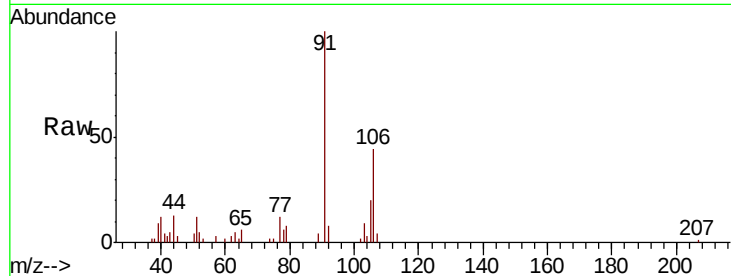




#69
o-Xylene
Concen: 0.359 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

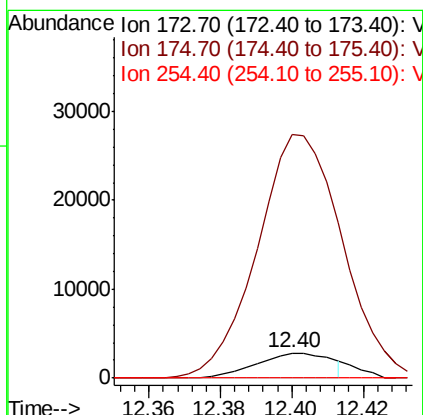
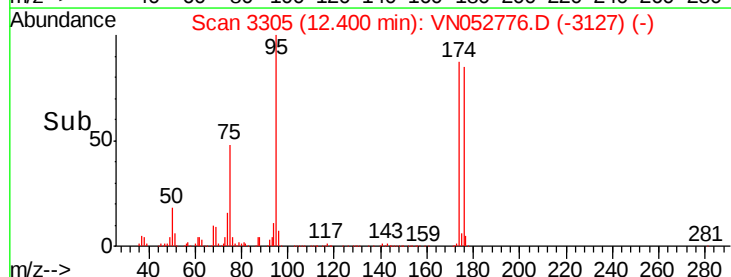
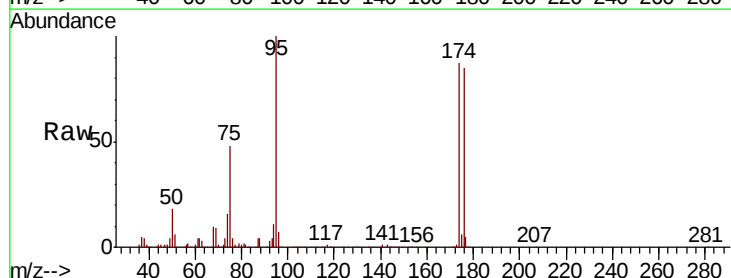
Instrument :
MSVOA_N
ClientSampleId :
EO-03-120718-C

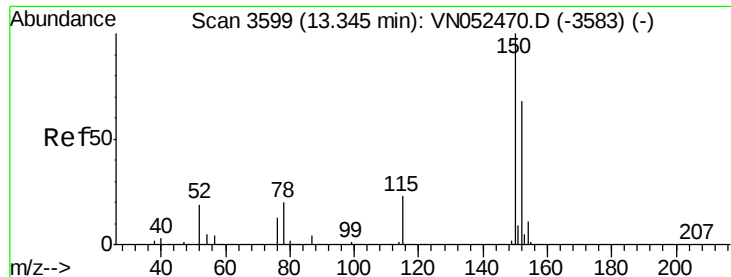
Tot Ion:106 Resp: 7665
Ion Ratio Lower Upper
106 100
91 222.3 107.7 323.1



#71
Bromoform
Concen: 0.530 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052776.D
Acq: 11 Dec 2018 2:44

Tgt Ion:173 Resp: 4119
Ion Ratio Lower Upper
173 100
175 953.9 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-C

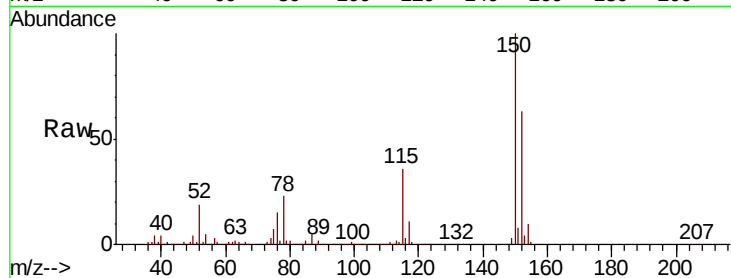
Tot Ion:152 Resp: 650660

Ion Ratio Lower Upper

152 100

115 56.6 28.4 85.2

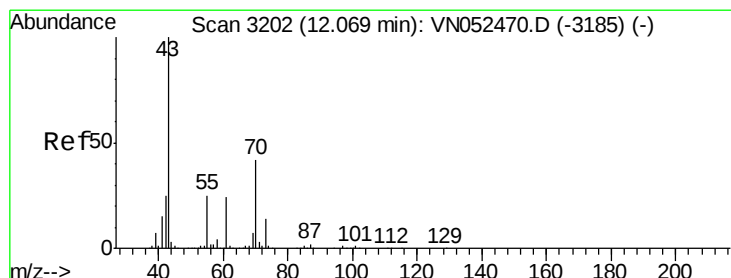
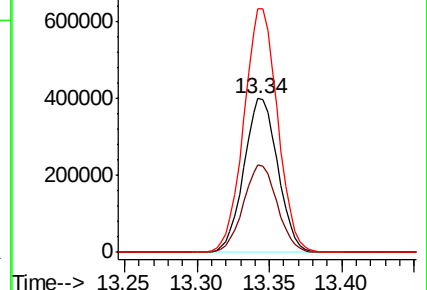
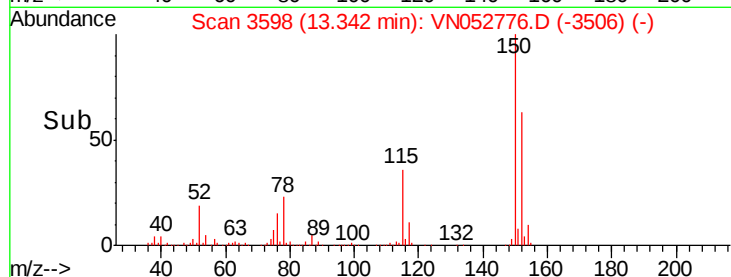
150 157.1 0.0 346.0



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



#74

N-ethyl acetate

Concen: 2.742 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Tgt Ion: 43 Resp: 35361

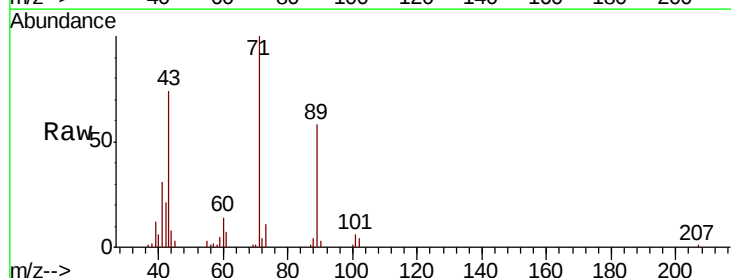
Ion Ratio Lower Upper

43 100

70 1.6 33.8 50.8#

55 4.7 20.0 30.0#

61 11.5 19.7 29.5#

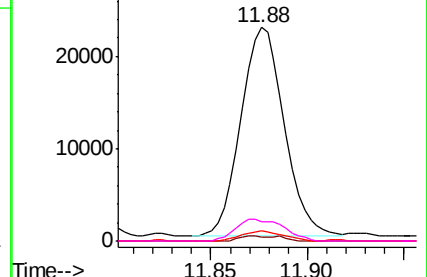
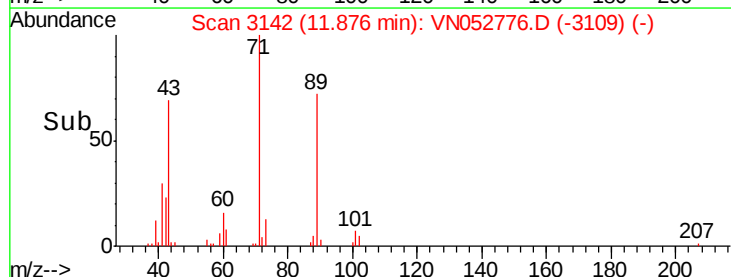


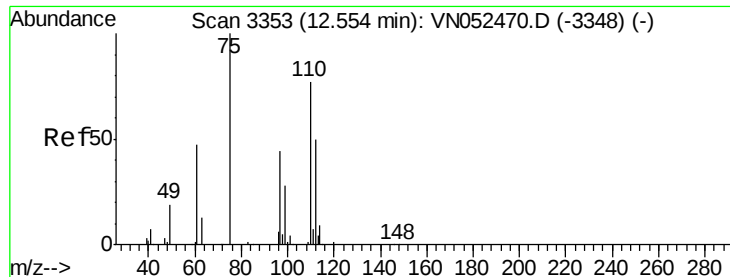
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 34.413 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

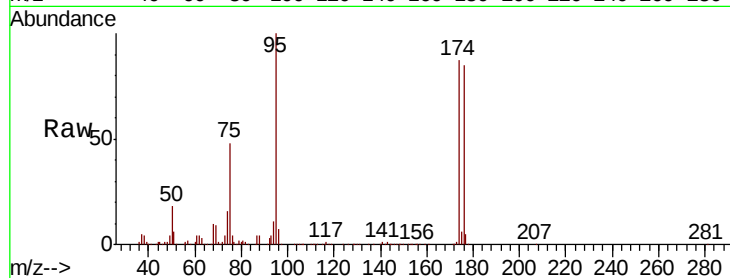
EO-03-120718-C

Tot Ion: 75 Resp: 345282

Ion Ratio Lower Upper

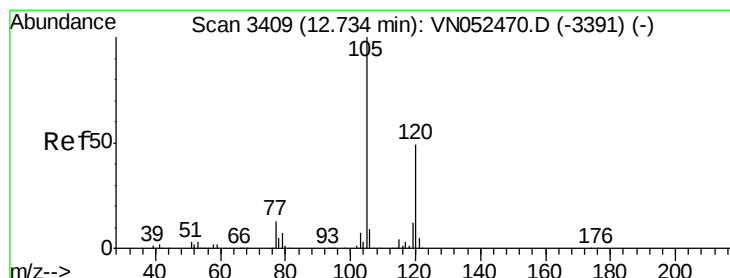
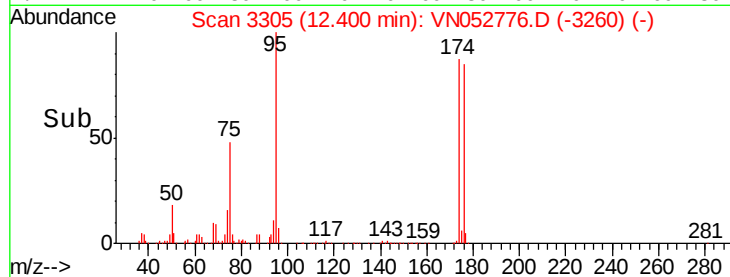
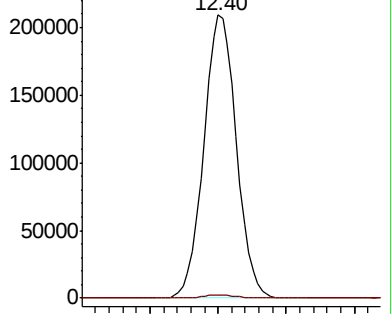
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052776.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN052776.D (-3305) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.441 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052776.D

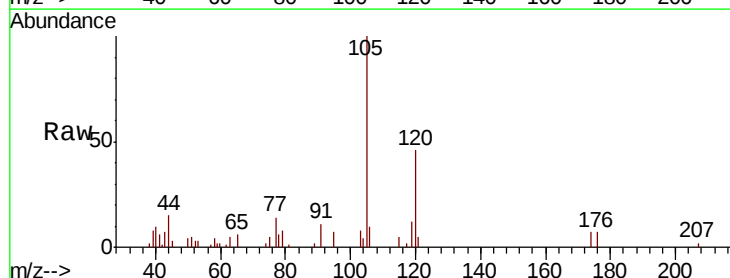
Acq: 11 Dec 2018 2:44

Tgt Ion: 105 Resp: 17968

Ion Ratio Lower Upper

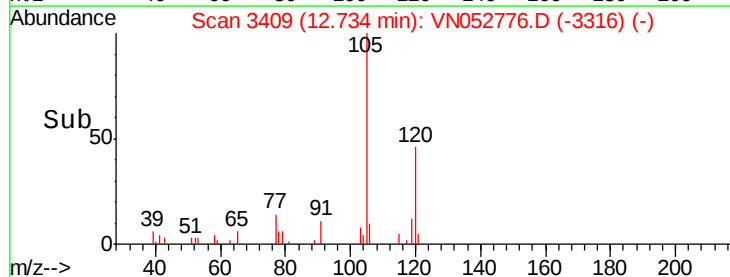
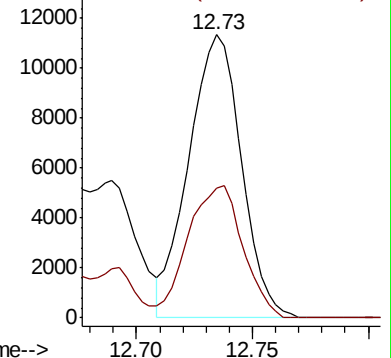
105 100

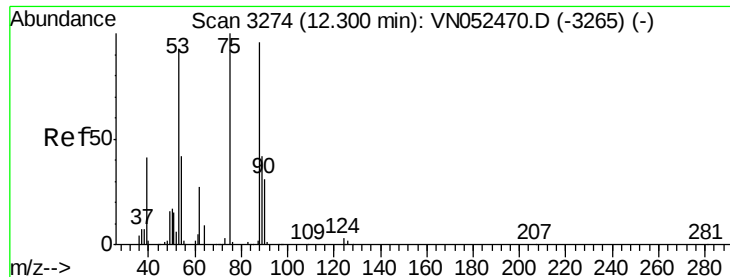
120 48.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052776.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN052776.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 114.922 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-C

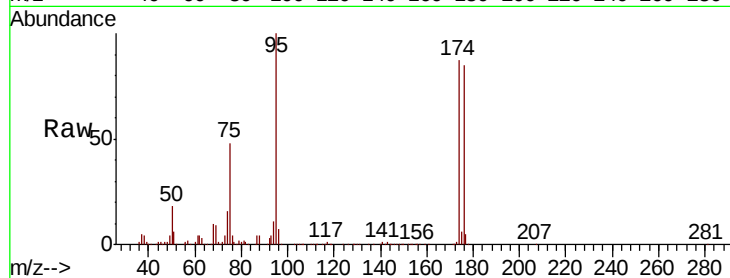
Tot Ion: 75 Resp: 345282

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#



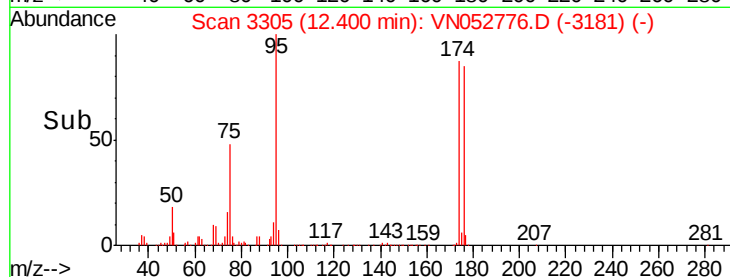
Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)

12.40

Time-->



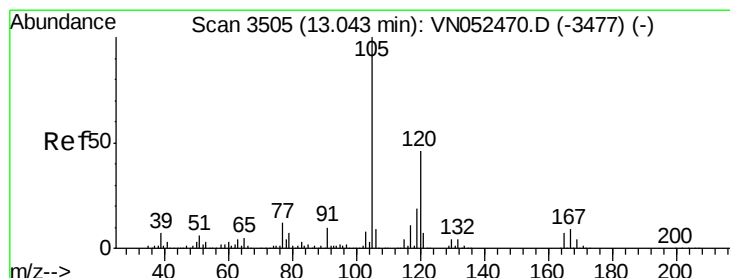
Abundance Ion 74.90 (74.60 to 75.60): VN052776.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052776.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052776.D (-3181) (-)

12.40

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.185 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN052776.D

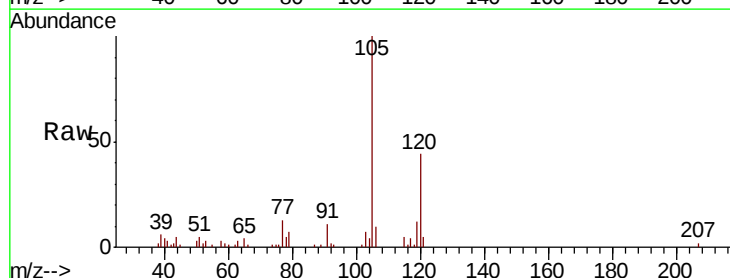
Acq: 11 Dec 2018 2:44

Tgt Ion: 105 Resp: 48370

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4

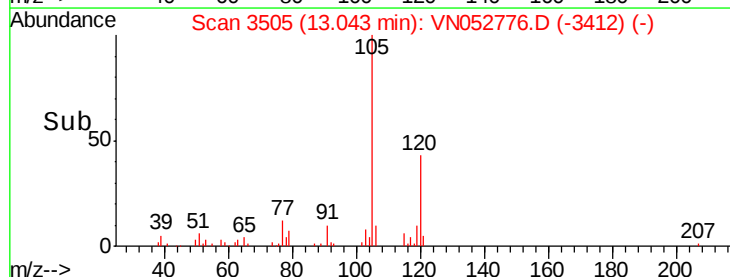


Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3477) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3477) (-)

13.04

Time-->

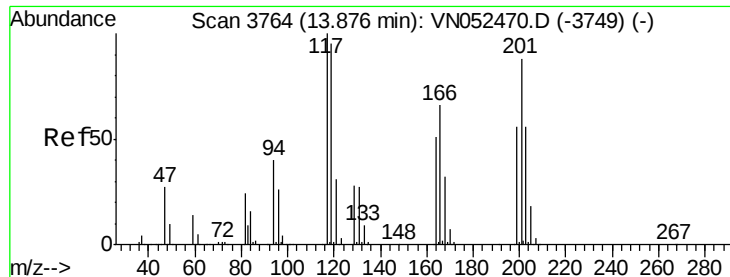


Abundance Ion 105.00 (104.70 to 105.70): VN052776.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN052776.D (-3412) (-)

13.04

Time-->



#90

Hexachloroethane

Concen: 0.233 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

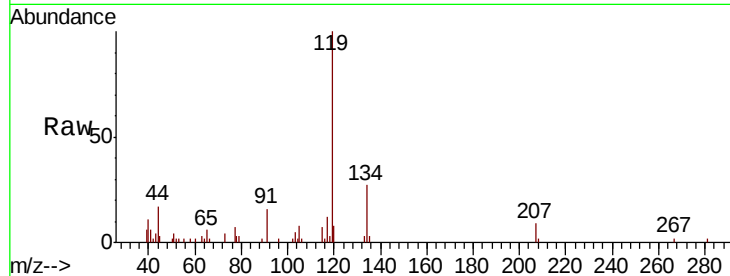
EO-03-120718-C

Tot Ion:117 Resp: 1662

Ion Ratio Lower Upper

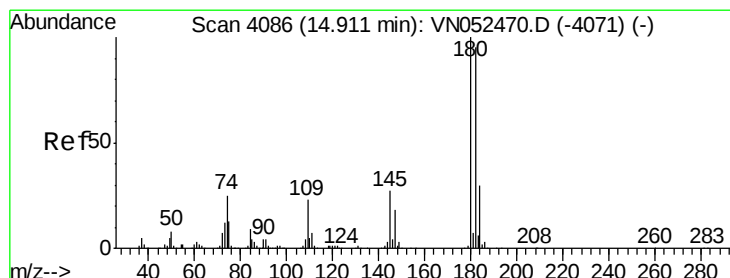
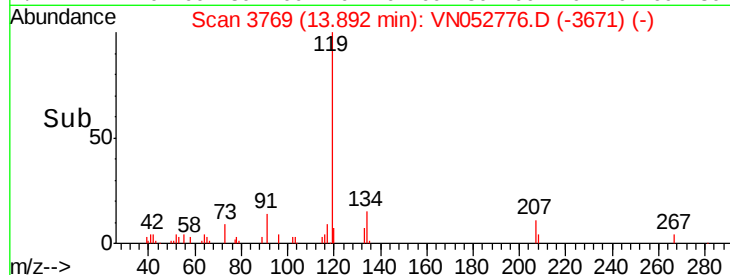
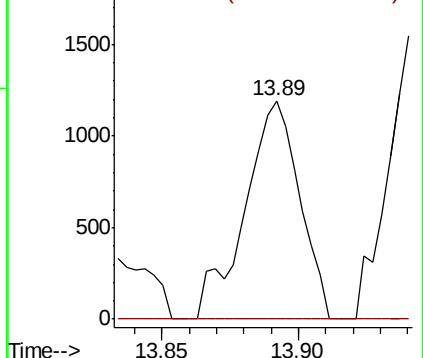
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.881 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

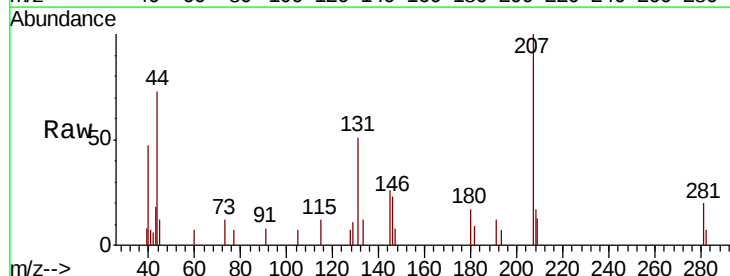
Tgt Ion:180 Resp: 635

Ion Ratio Lower Upper

180 100

182 72.8 47.8 143.4

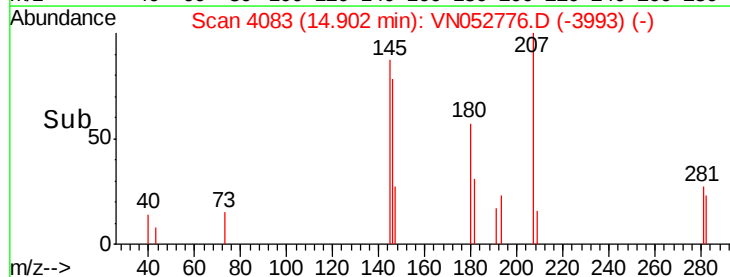
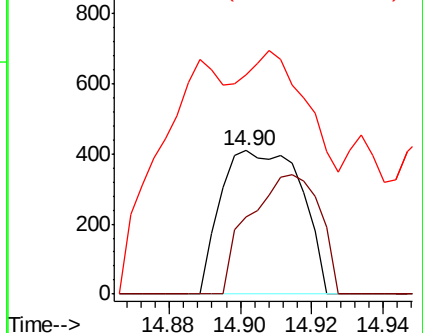
145 0.0 14.1 42.3#

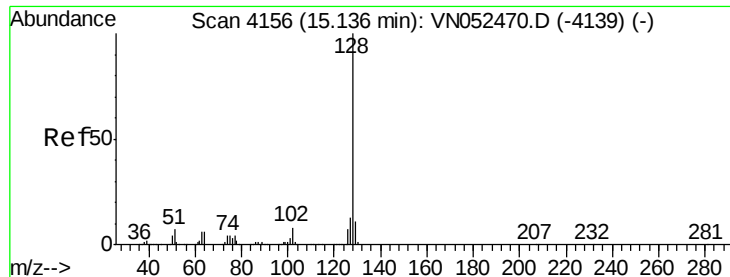


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 11.392 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

Instrument :

MSVOA_N

ClientSampleId :

EO-03-120718-C

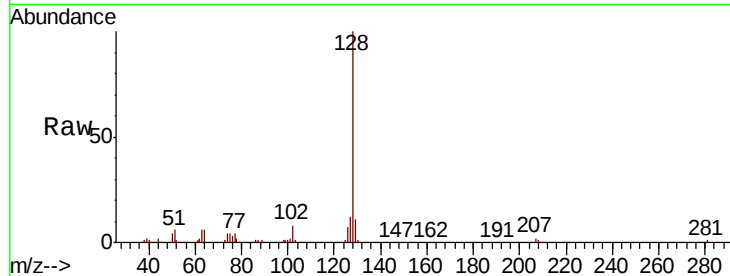
Tot Ion:128 Resp: 209442

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

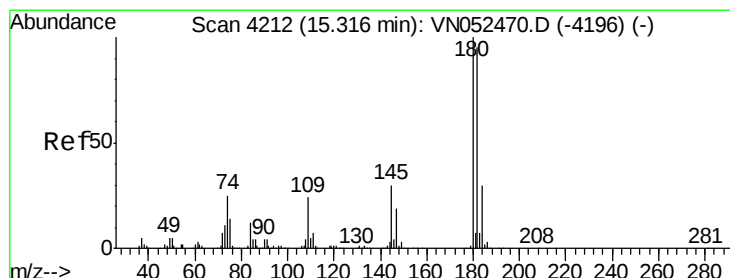
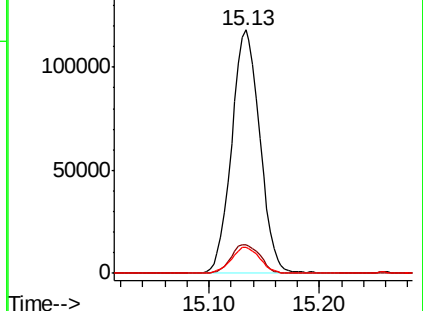
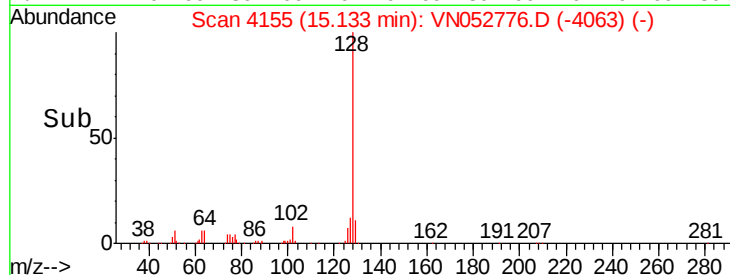
129 10.9 8.7 13.1



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: 2.733 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN052776.D

Acq: 11 Dec 2018 2:44

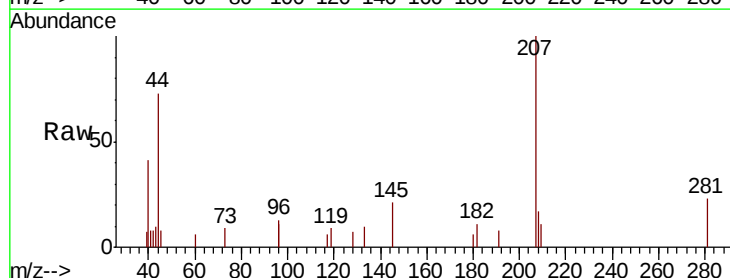
Tgt Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 315.4 47.8 143.3#

145 1258.5 15.2 45.5#



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

