

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054537.D
 Acq On : 22 Mar 2019 4:06
 Operator : JC/SP
 Sample : K1694-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-A

Quant Time: Mar 22 10:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	830295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306622	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	407170	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	312373	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	10.09	98	1202025	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	366050	43.72	ug/l	0.00
Spiked Amount			Recovery	=	87.44%	

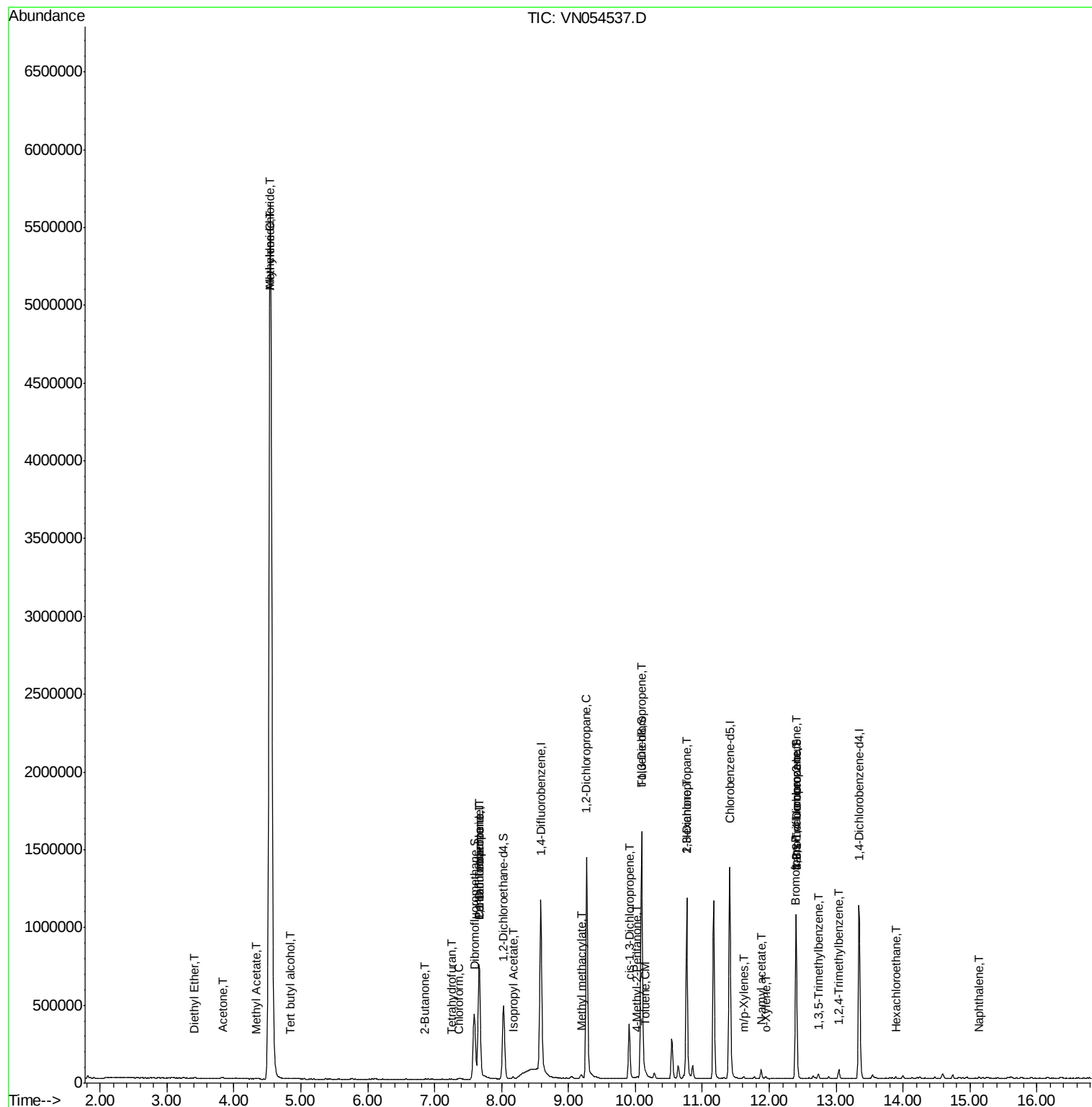
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	2381	0.605	ug/l #	48
11) Tert butyl alcohol	4.83	59	118	0.243	ug/l #	70
14) Allyl chloride	4.54	41	170011	14.505	ug/l #	21
16) Acetone	3.83	43	14919	6.182	ug/l #	81
18) Methyl Acetate	4.34	43	2088	0.388	ug/l #	62
20) Methylene Chloride	4.54	84	3970357	558.110	ug/l #	84
25) 2-Butanone	6.85	43	654	0.212	ug/l #	46
29) Tetrahydrofuran	7.24	42	1603	0.799	ug/l #	42
30) Chloroform	7.37	83	5029	0.414	ug/l	96
31) Cyclohexane	7.67	56	13723	Below Cal	#	13
36) 1,1-Dichloropropene	7.67	75	47676	5.019	ug/l #	48
38) Carbon Tetrachloride	7.66	117	59332	6.427	ug/l #	17
43) Isopropyl Acetate	8.17	43	16408	1.438	ug/l	96
45) 1,2-Dichloropropane	9.28	63	1695	0.232	ug/l #	43
48) Methyl methacrylate	9.19	41	8577	1.385	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	9932	1.571	ug/l #	36
52) Toluene	10.16	92	3639	0.218	ug/l	95
53) t-1,3-Dichloropropene	10.10	75	30	2.235	ug/l #	9
54) cis-1,3-Dichloropropene	9.90	75	62463	6.032	ug/l #	68
57) 1,3-Dichloropropane	10.76	76	11487	1.100	ug/l #	43
59) 2-Hexanone	10.77	43	188467	45.627	ug/l #	47
68) m/p-Xylenes	11.62	106	3402	0.301	ug/l	84
69) o-Xylene	11.95	106	3161	0.286	ug/l	87
71) Bromoform	12.38	173	49	2.232	ug/l #	1
74) N-amyl acetate	11.88	43	19087	2.687	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	185711	38.168	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15962	0.788	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	185711	126.404	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	33631	1.693	ug/l	99
90) Hexachloroethane	13.89	117	807	0.264	ug/l #	2
95) Naphthalene	15.13	128	6764	0.618	ug/l	98

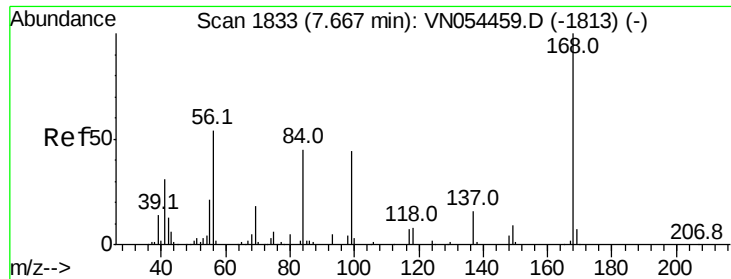
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

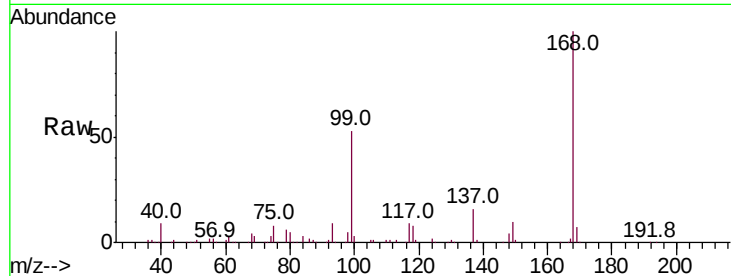
EO-02-032019-A

Tot Ion:168 Resp: 645335

Ion Ratio Lower Upper

168 100

99 53.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

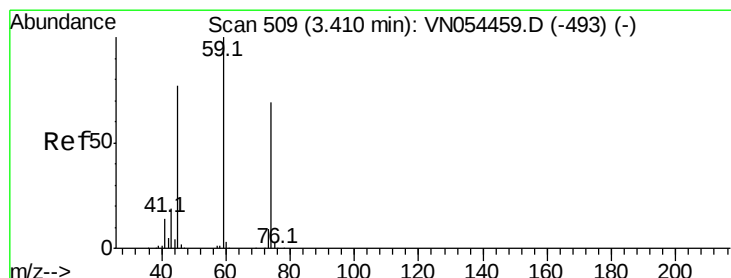
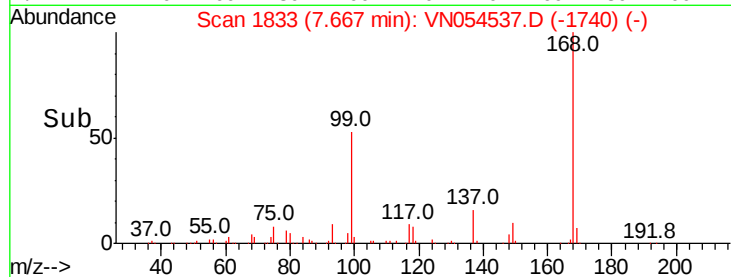
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.605 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN054537.D

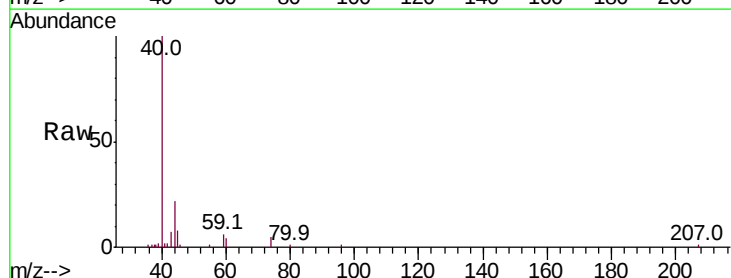
Acq: 22 Mar 2019 4:06

Tgt Ion: 74 Resp: 2381

Ion Ratio Lower Upper

74 100

45 38.3 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VN054459.D (-493) (-)

Ion 45.00 (44.70 to 45.70): VN054459.D (-493) (-)

3.42

2500

2000

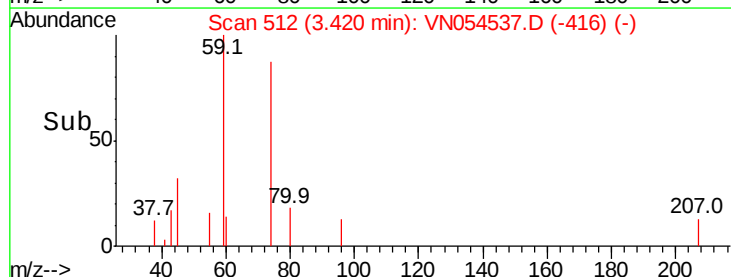
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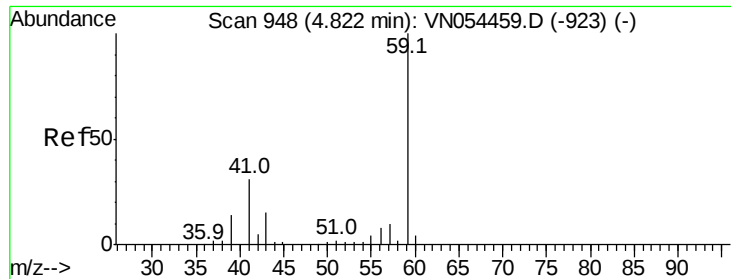
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500

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Time-->



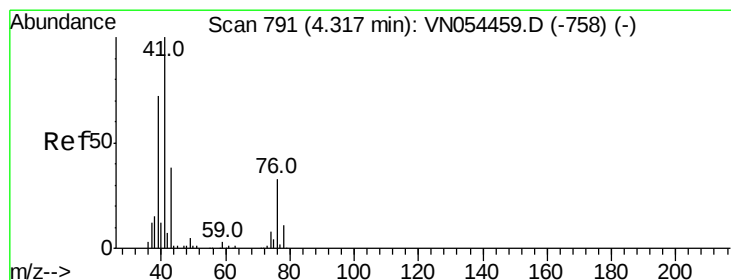
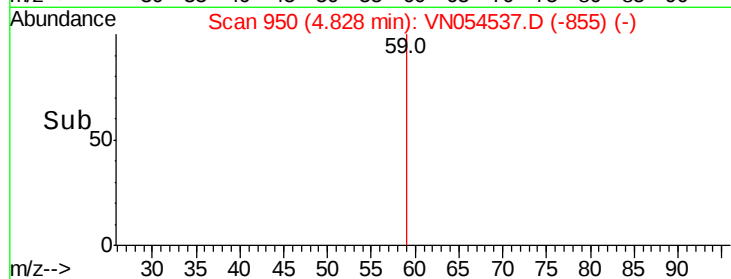
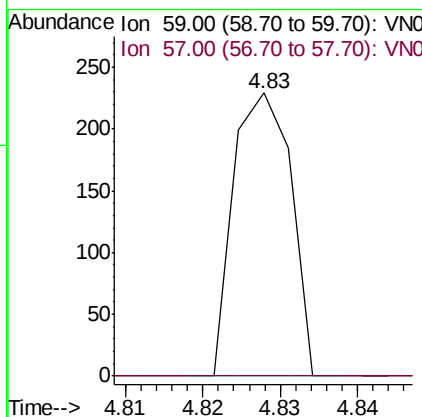
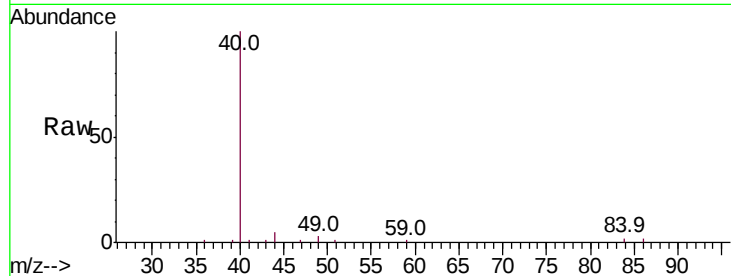


#11

Tert butyl alcohol
 Concen: 0.243 ug/l
 RT: 4.83 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-A

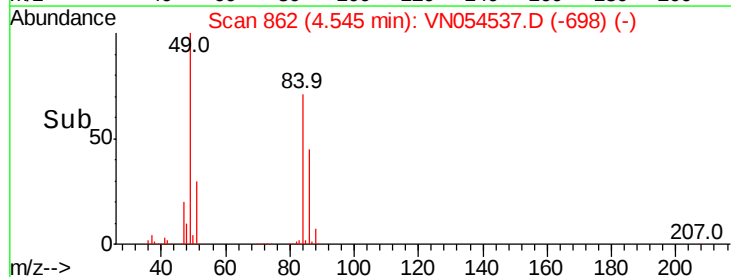
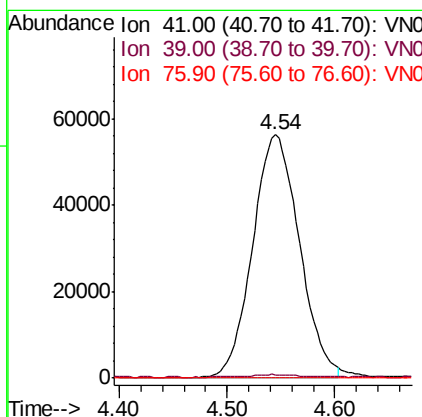
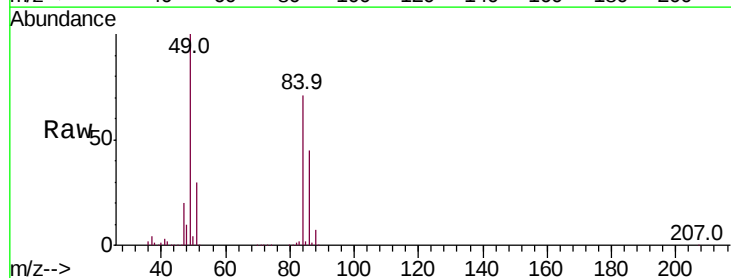
Tot Ion: 59 Resp: 118
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

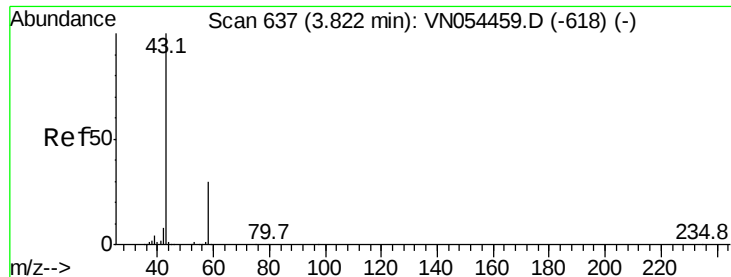


#14

Allyl chloride
 Concen: 14.505 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.23 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

Tgt Ion: 41 Resp: 170011
 Ion Ratio Lower Upper
 41 100
 39 0.5 58.2 87.4#
 76 0.0 31.7 47.5#

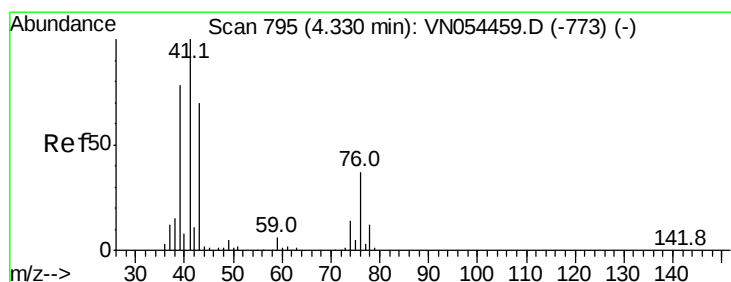
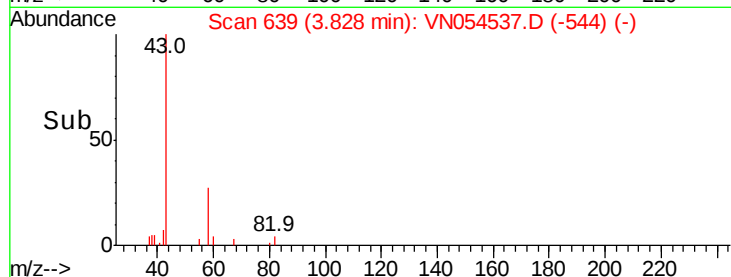
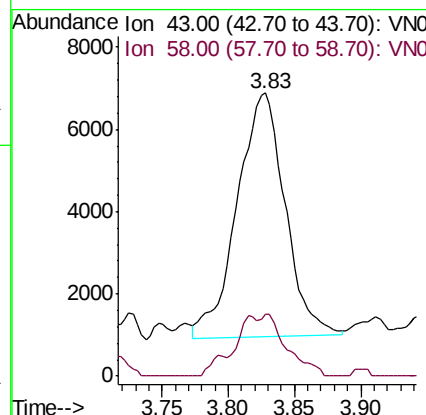
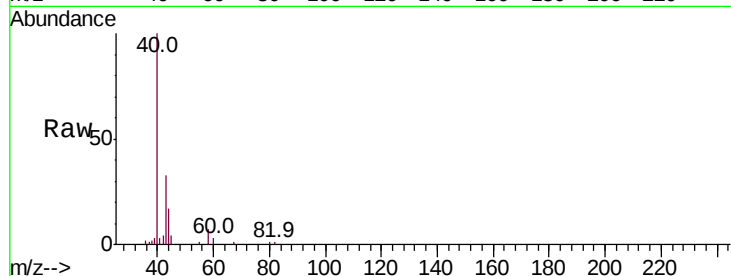




#16
Acetone
Concen: 6.182 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054537.D
Acq: 22 Mar 2019 4:06

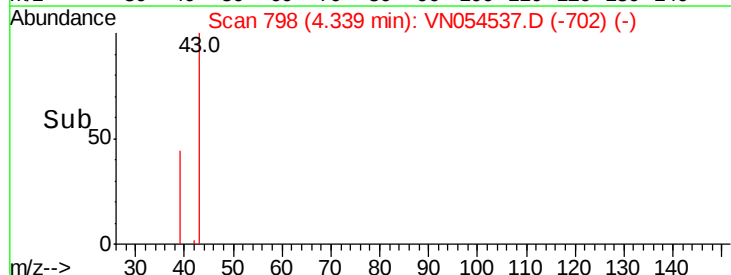
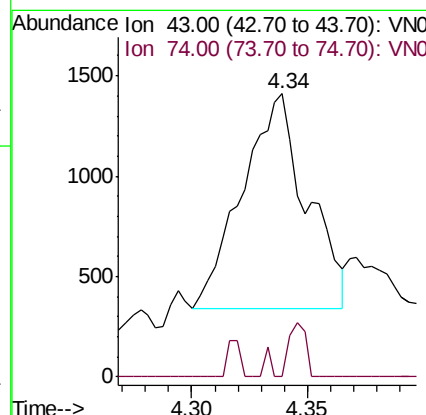
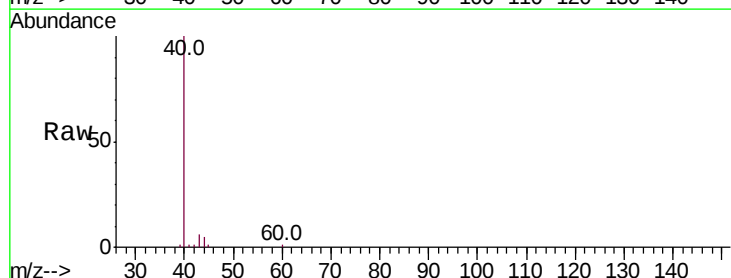
Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-A

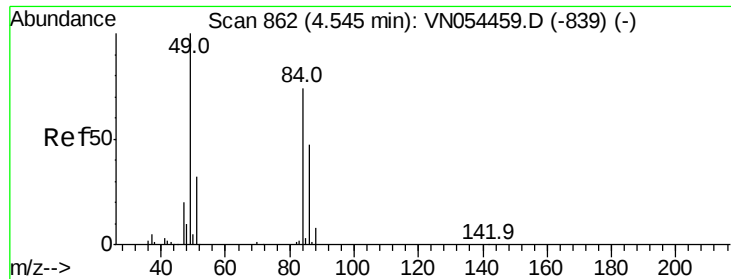
Tot Ion: 43 Resp: 14919
Ion Ratio Lower Upper
43 100
58 26.1 29.9 44.9#



#18
Methyl Acetate
Concen: 0.388 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054537.D
Acq: 22 Mar 2019 4:06

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
74 6.5 20.8 31.2#





#20

Methylene Chloride

Concen: 558.110 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

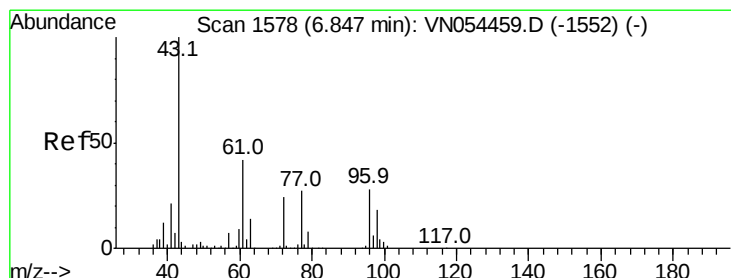
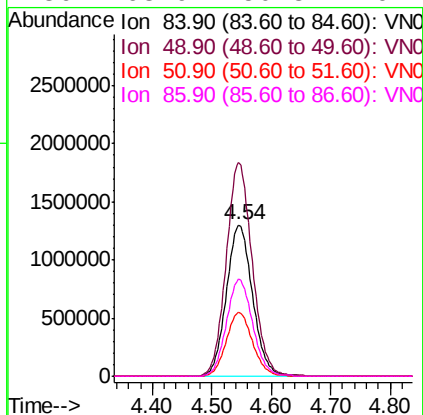
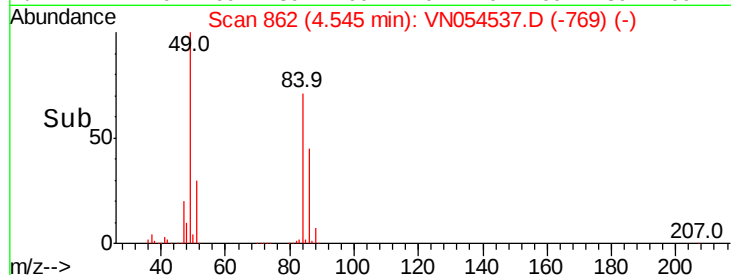
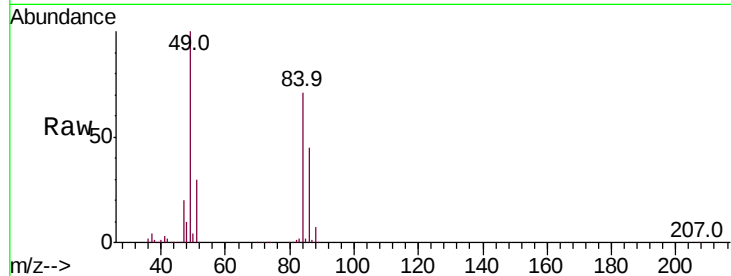
ClientSampleId :

EO-02-032019-A

Tot Ion: 84 Resp: 3970357

Ion Ratio Lower Upper

84	100		
49	141.0	89.7	134.5#
51	42.1	28.2	42.4
86	63.9	50.8	76.2



#25

2-Butanone

Concen: 0.212 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

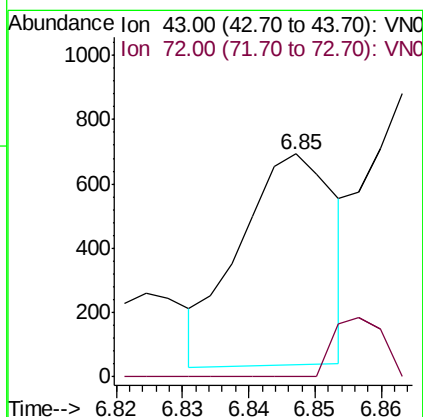
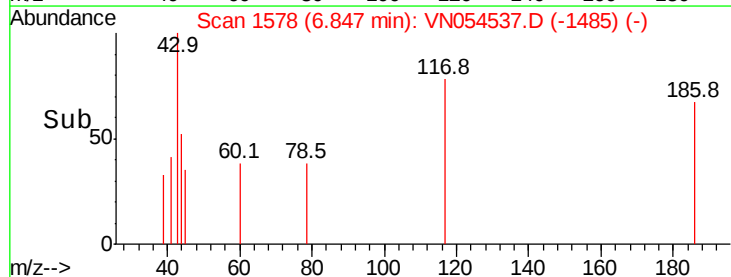
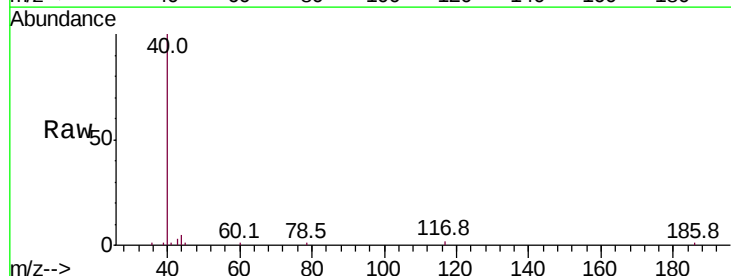
Lab File: VN054537.D

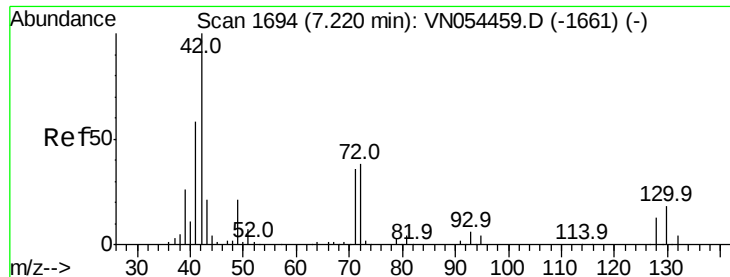
Acq: 22 Mar 2019 4:06

Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

43	100		
72	0.0	23.0	34.6#





#29

Tetrahydrofuran

Concen: 0.799 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.02 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

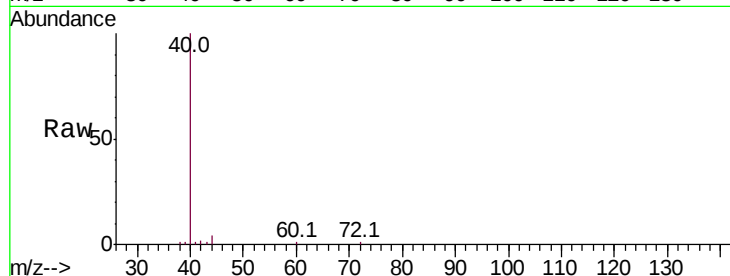
Tot Ion: 42 Resp: 1603

Ion Ratio Lower Upper

42 100

72 15.1 37.8 56.6#

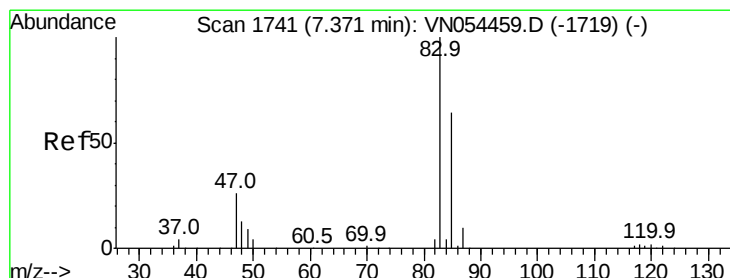
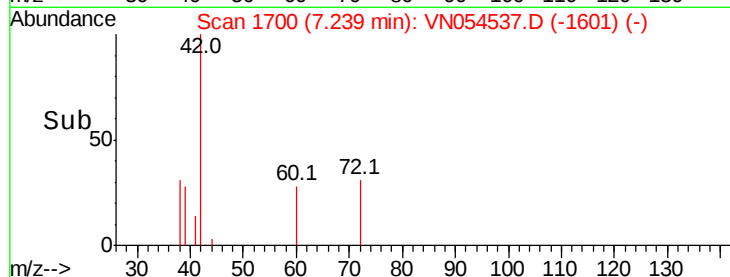
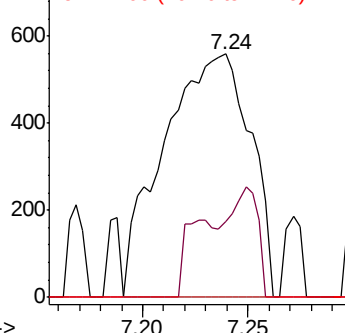
71 0.0 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 0.414 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054537.D

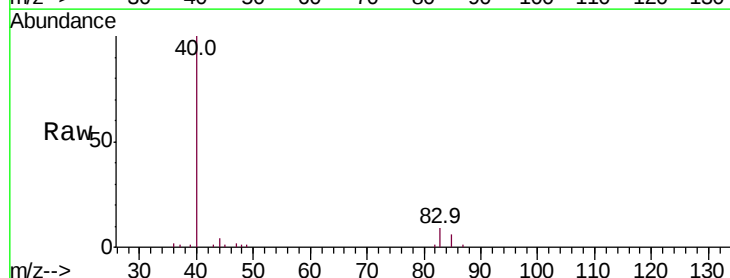
Acq: 22 Mar 2019 4:06

Tgt Ion: 83 Resp: 5029

Ion Ratio Lower Upper

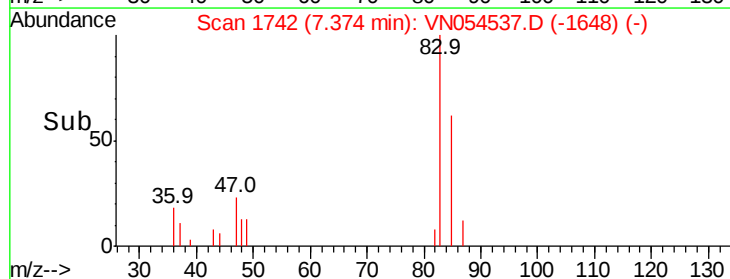
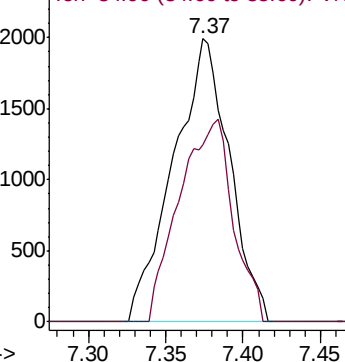
83 100

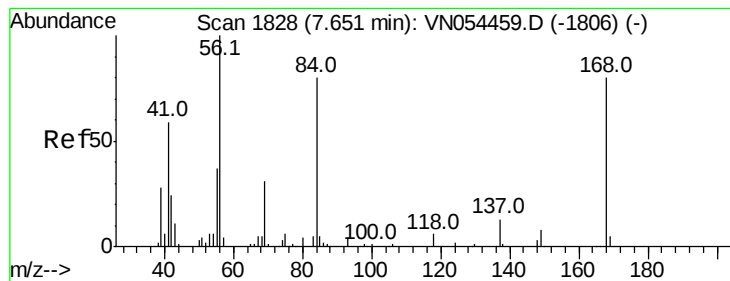
85 62.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

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ClientSampleId :

EO-02-032019-A

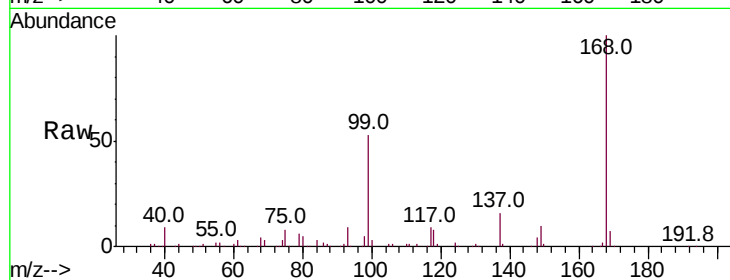
Tot Ion: 56 Resp: 13723

Ion Ratio Lower Upper

56 100

69 166.5 27.8 41.6#

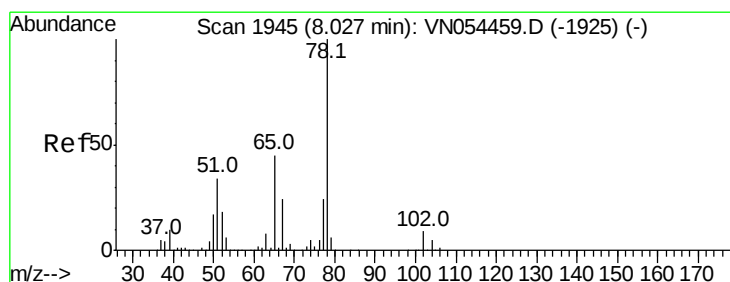
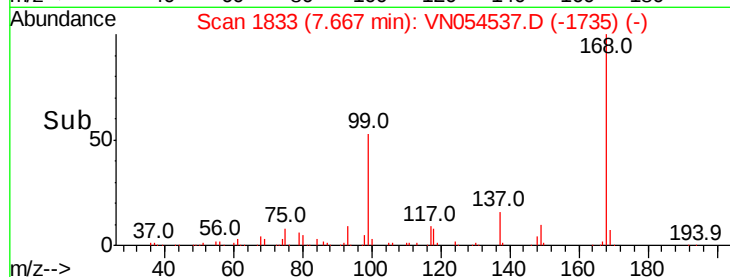
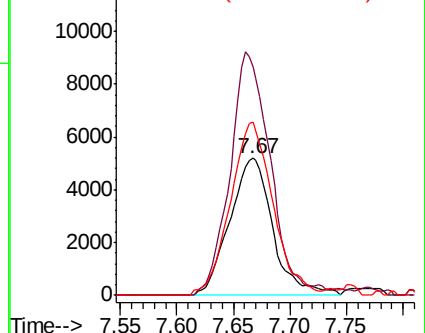
84 126.8 74.6 111.8#



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: 50.725 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054537.D

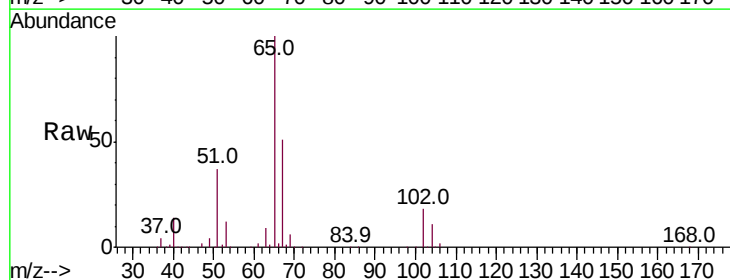
Acq: 22 Mar 2019 4:06

Tgt Ion: 65 Resp: 407170

Ion Ratio Lower Upper

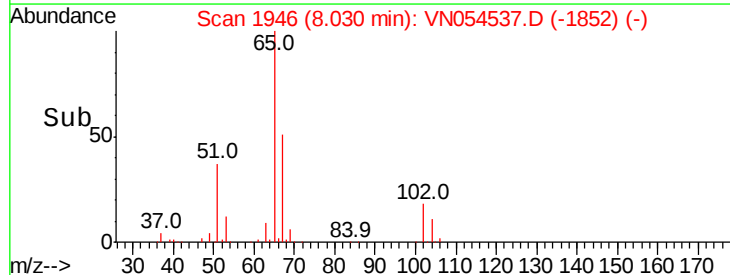
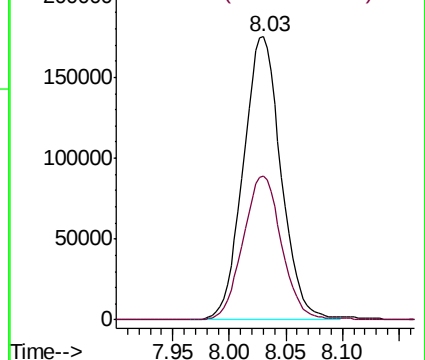
65 100

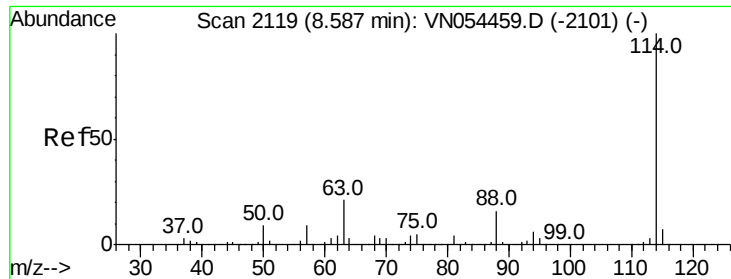
67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

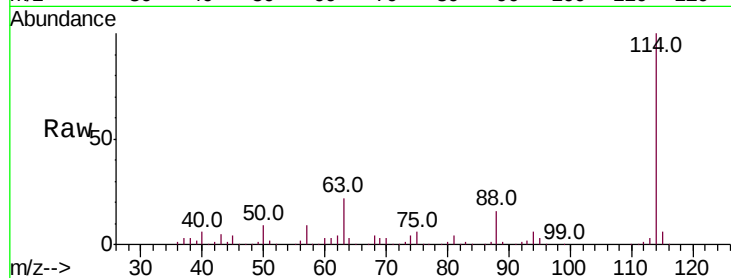




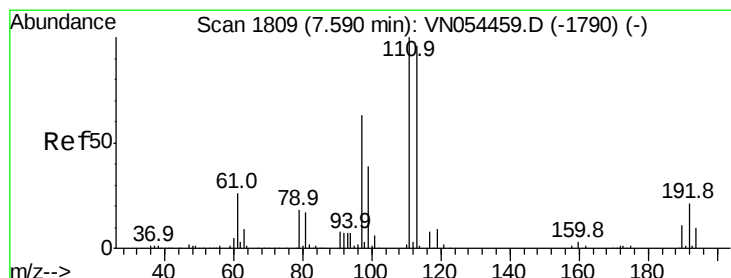
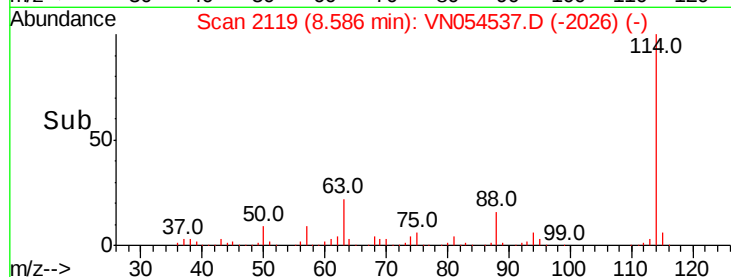
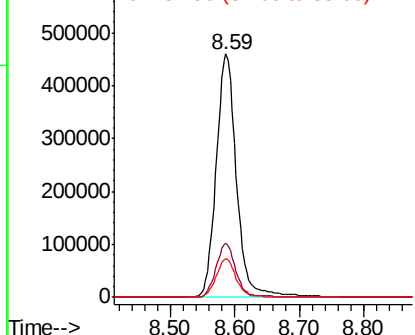
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-A

Tot Ion:114 Resp: 1015970
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.9 0.0 30.2

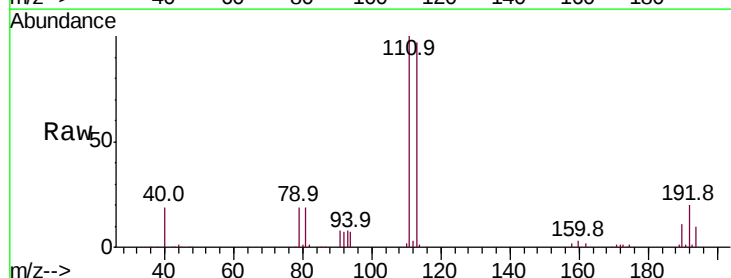


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

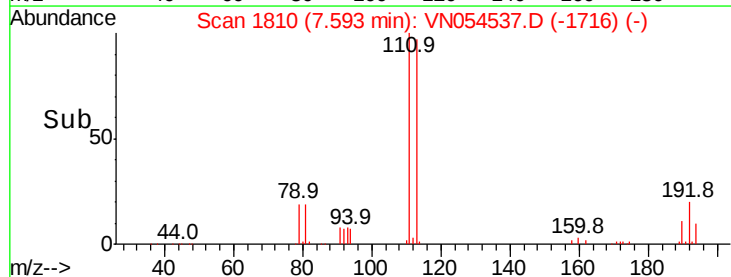
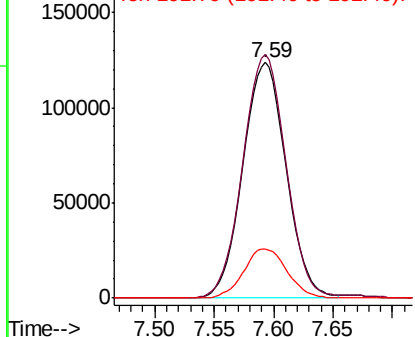


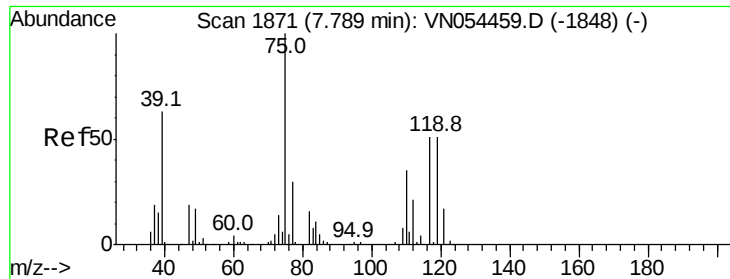
#35
 Dibromofluoromethane
 Concen: 47.724 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

Tgt Ion:113 Resp: 312373
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 21.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

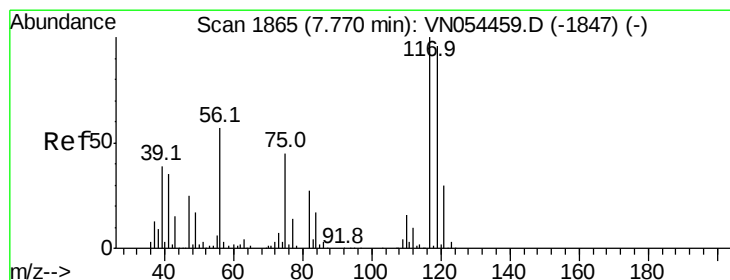
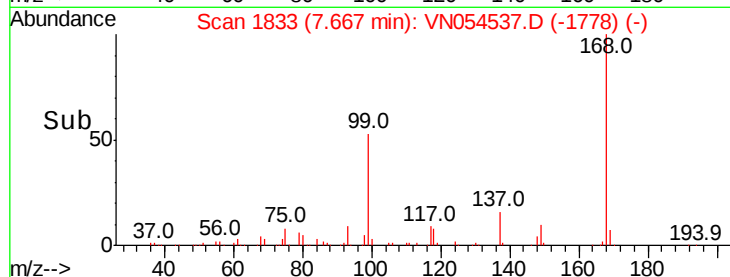
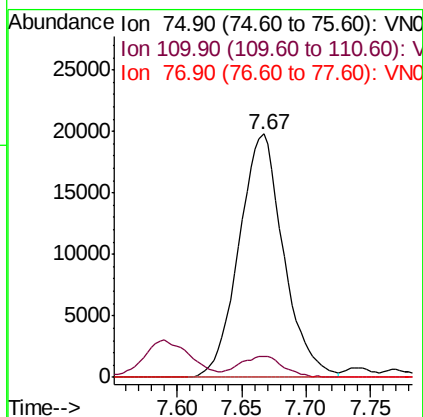
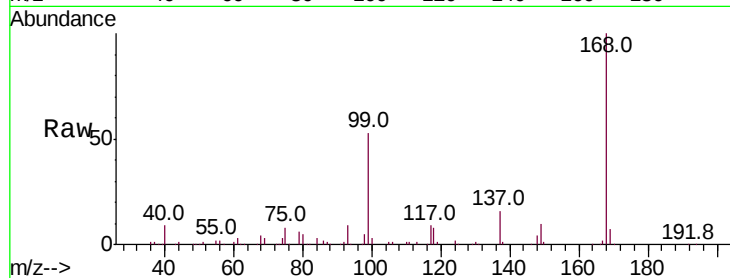




#36
 1,1-Dichloropropene
 Concen: 5.019 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

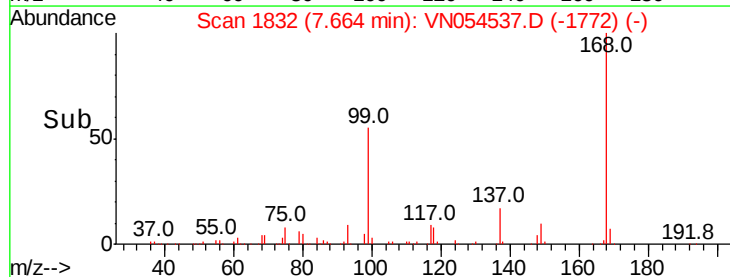
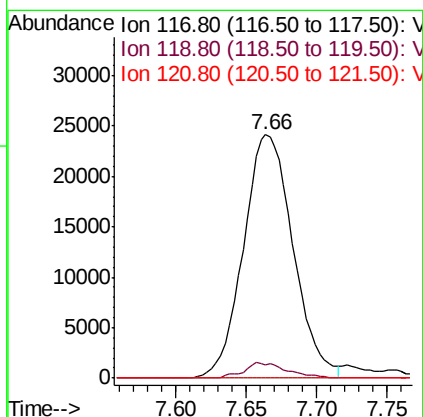
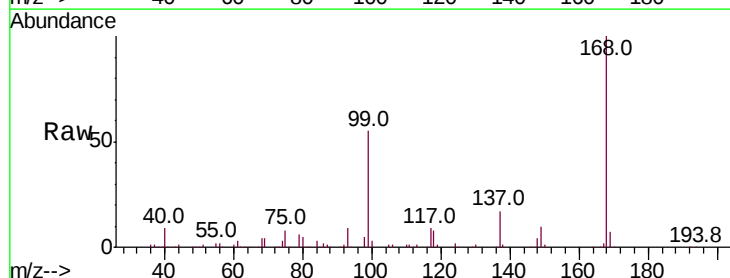
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-A

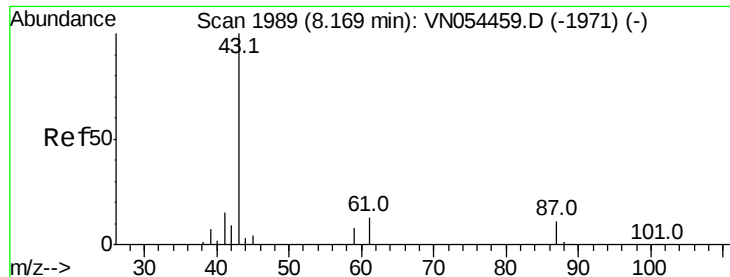
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.427 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054537.D
 Acq: 22 Mar 2019 4:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.438 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

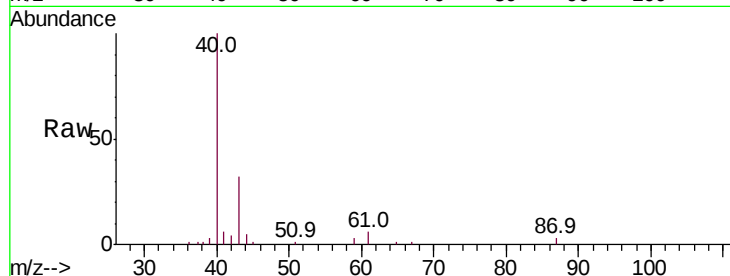
Tot Ion: 43 Resp: 16408

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.8

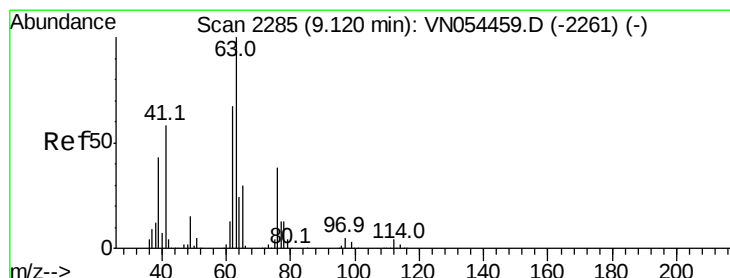
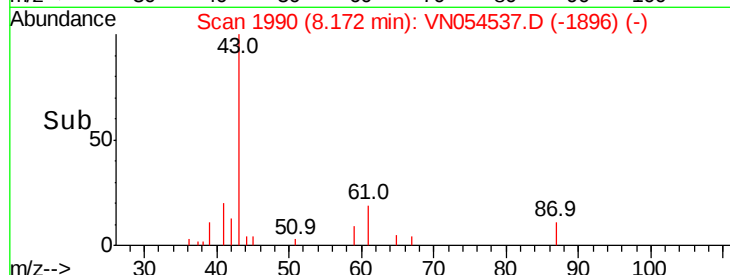
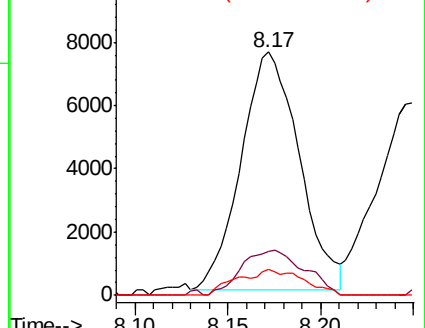
87 12.3 12.0 18.0



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: 0.232 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN054537.D

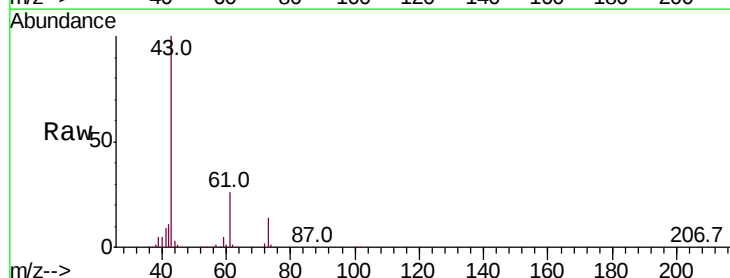
Acq: 22 Mar 2019 4:06

Tgt Ion: 63 Resp: 1695

Ion Ratio Lower Upper

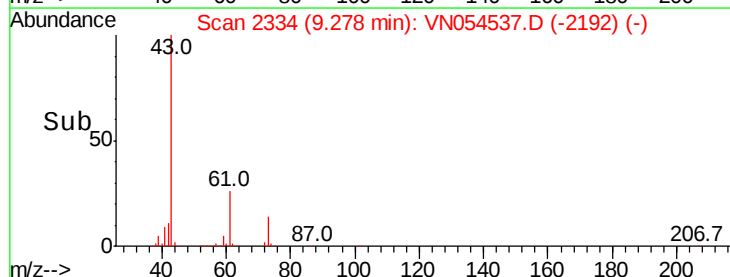
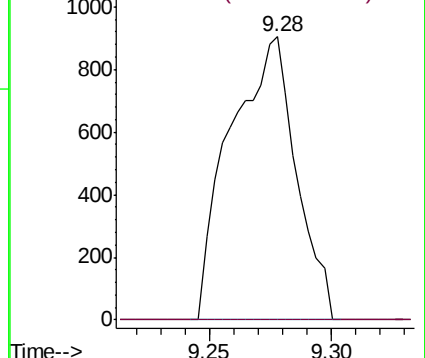
63 100

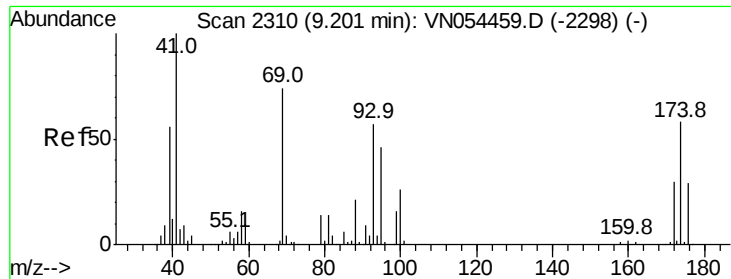
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

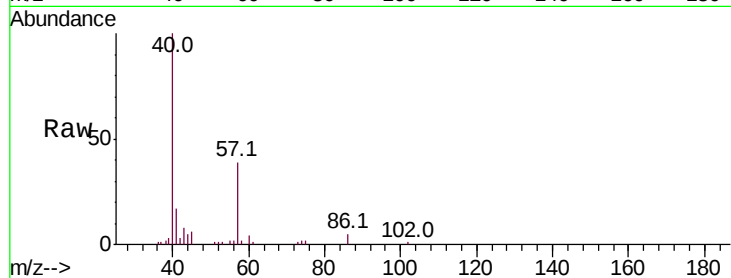




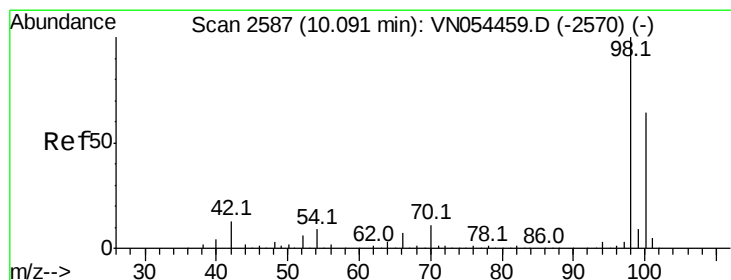
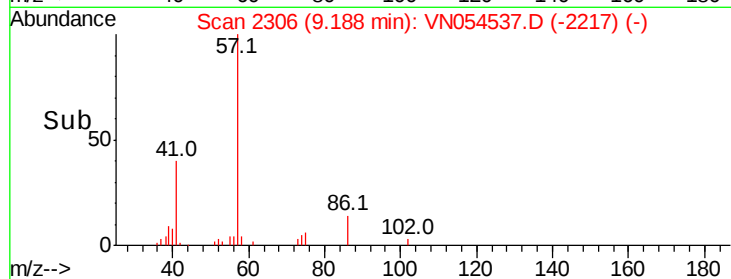
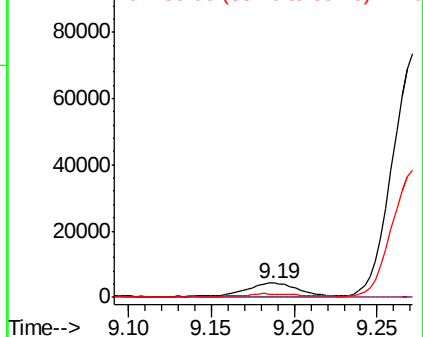
#48
Methvl methacrylate
Concen: 1.385 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054537.D
Acq: 22 Mar 2019 4:06

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-A

Tot Ion: 41 Resp: 8577
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

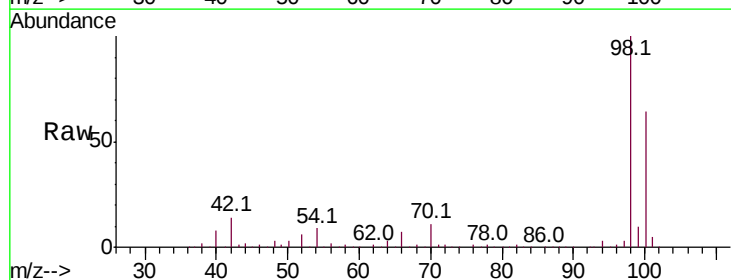


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

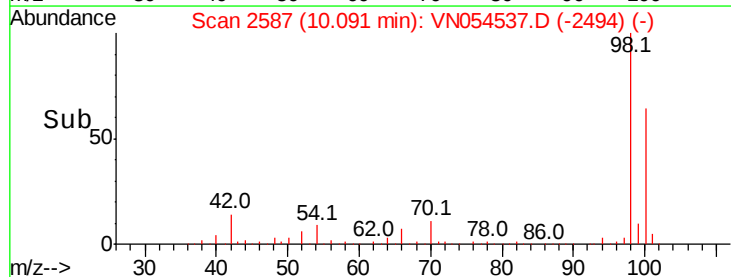
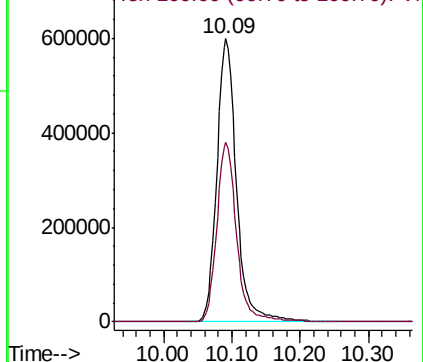


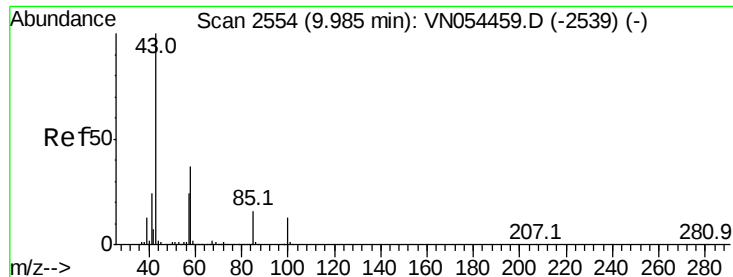
#50
Toluene-d8
Concen: 48.850 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054537.D
Acq: 22 Mar 2019 4:06

Tgt Ion: 98 Resp: 1202025
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



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: 1.571 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

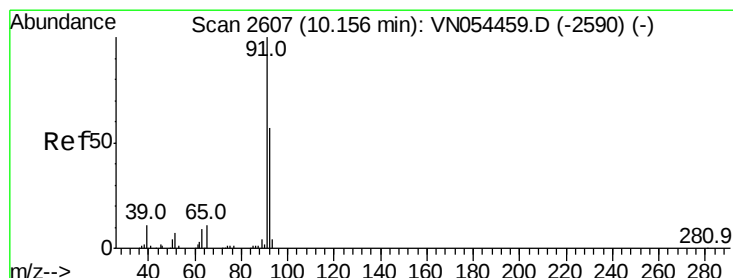
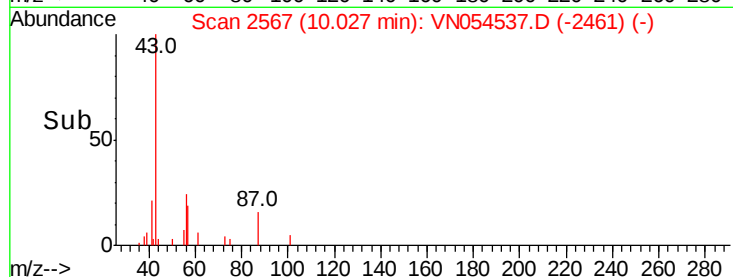
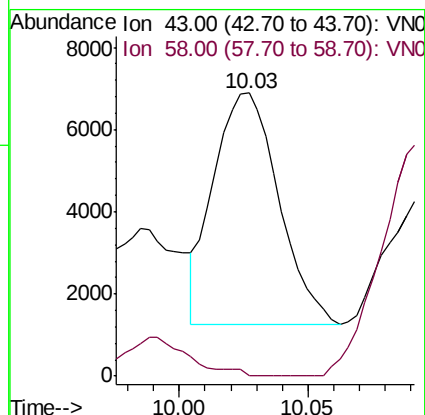
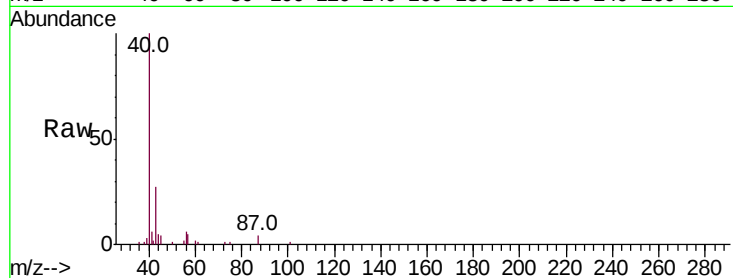
EO-02-032019-A

Tot Ion: 43 Resp: 9932

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#52

Toluene

Concen: 0.218 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054537.D

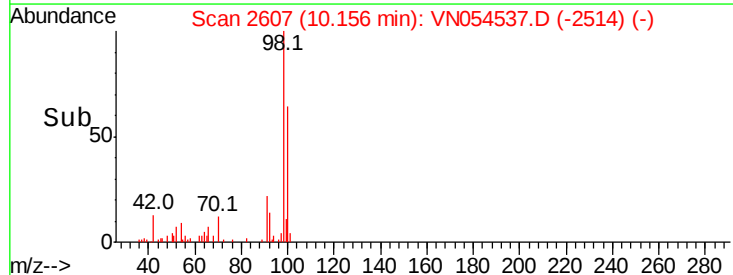
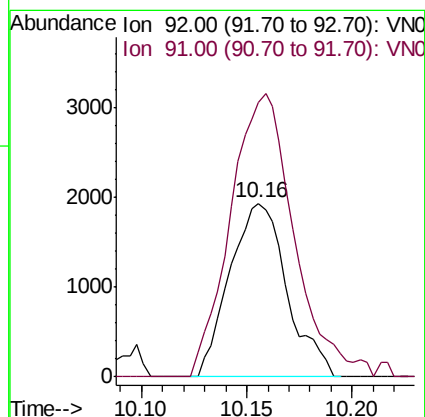
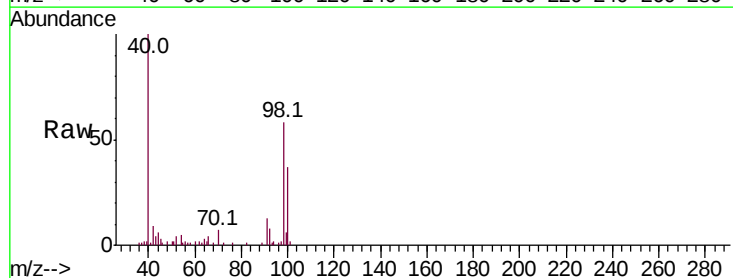
Acq: 22 Mar 2019 4:06

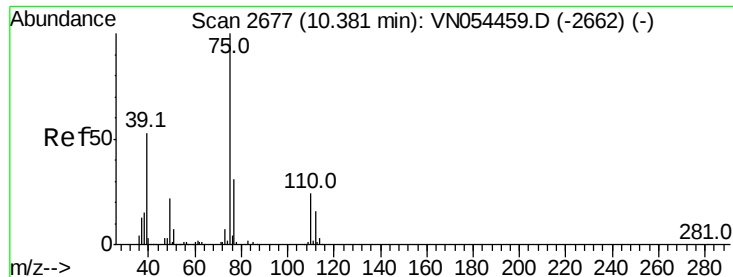
Tgt Ion: 92 Resp: 3639

Ion Ratio Lower Upper

92 100

91 182.2 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 2.235 ug/l

RT: 10.10 min Scan# 2590

Delta R.T. -0.28 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

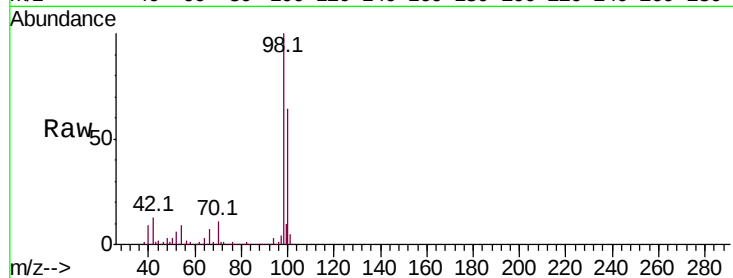
EO-02-032019-A

Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

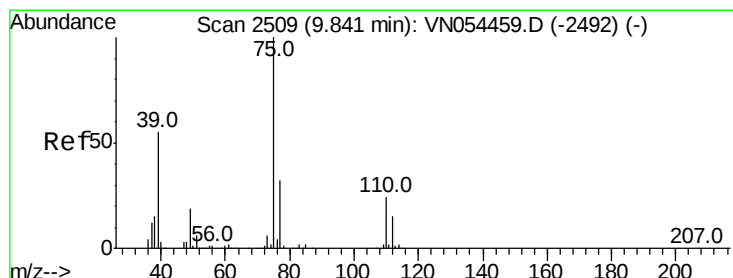
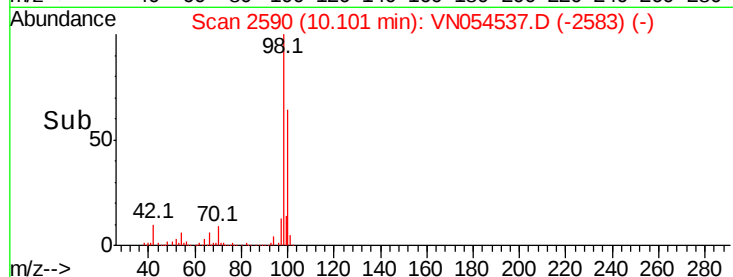
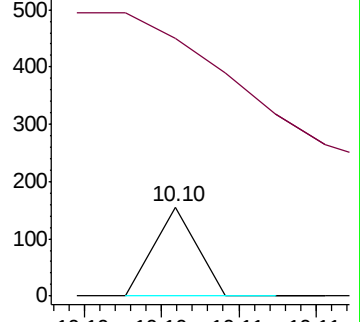
75 100

77 83.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.032 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

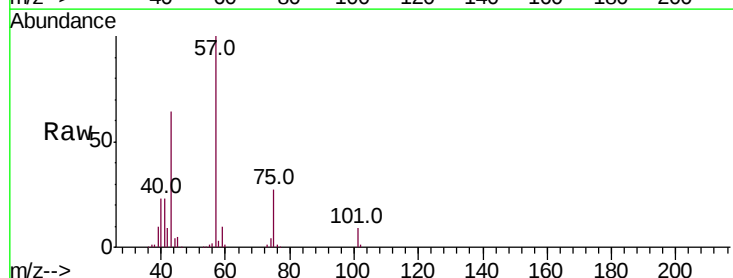
Tgt Ion: 75 Resp: 62463

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

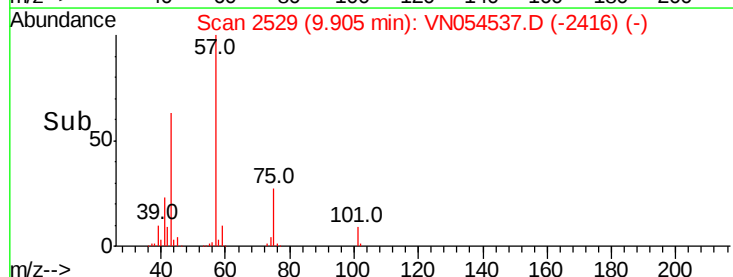
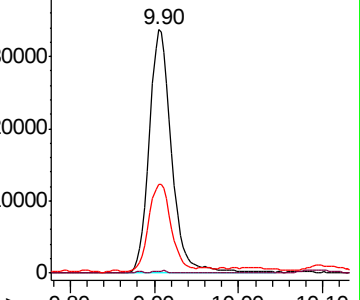
39 35.5 37.2 55.8#

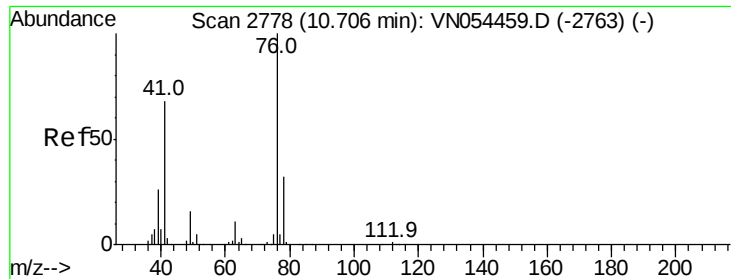


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.100 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

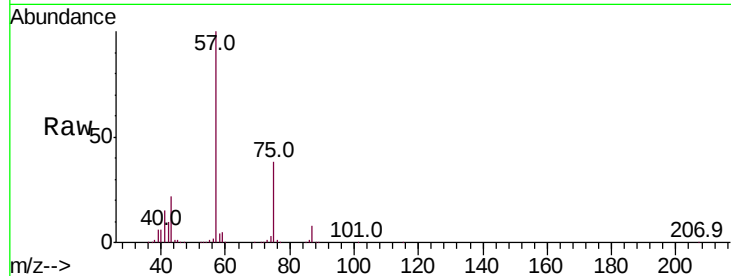
EO-02-032019-A

Tot Ion: 76 Resp: 11487

Ion Ratio Lower Upper

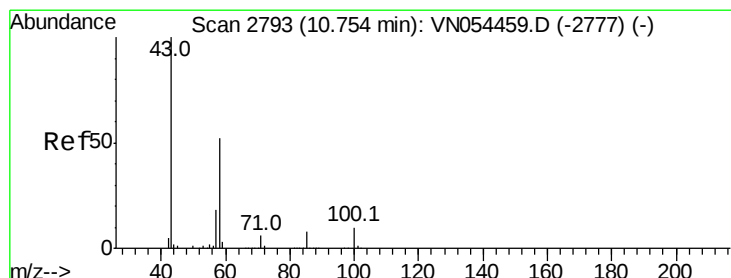
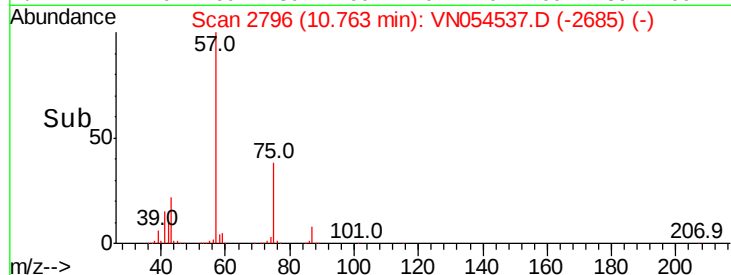
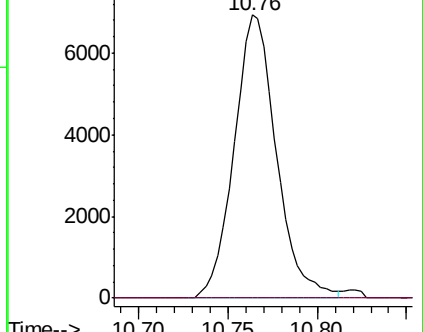
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 45.627 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054537.D

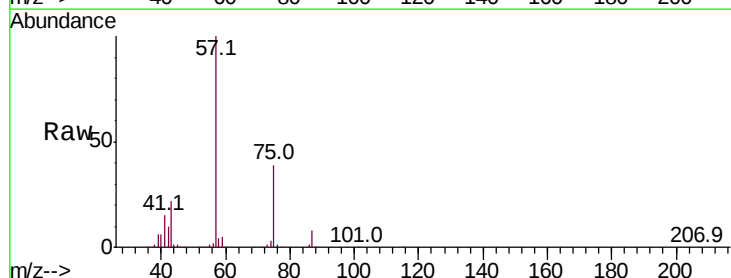
Acq: 22 Mar 2019 4:06

Tgt Ion: 43 Resp: 188467

Ion Ratio Lower Upper

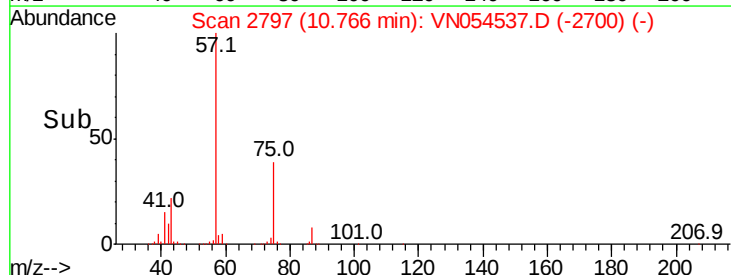
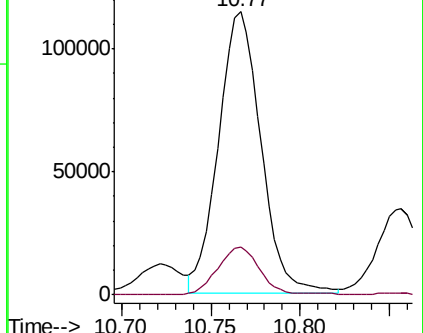
43 100

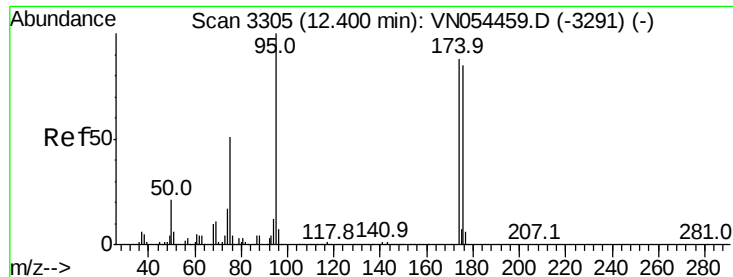
58 17.0 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.717 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

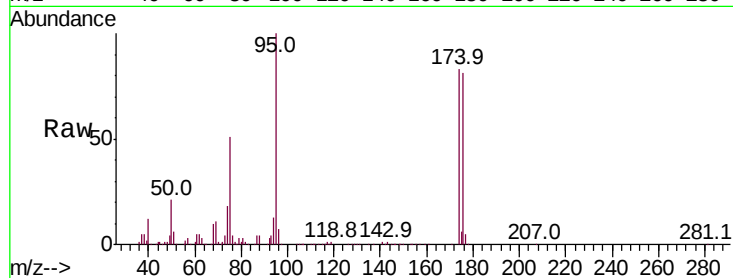
Tot Ion: 95 Resp: 366050

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

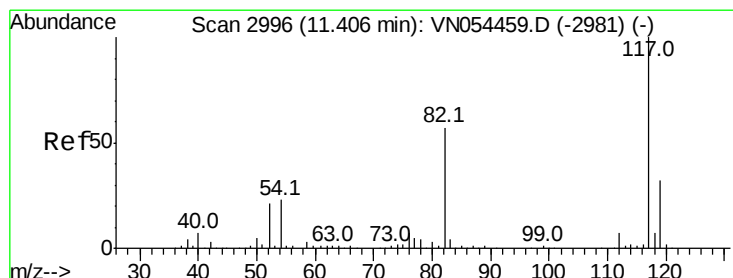
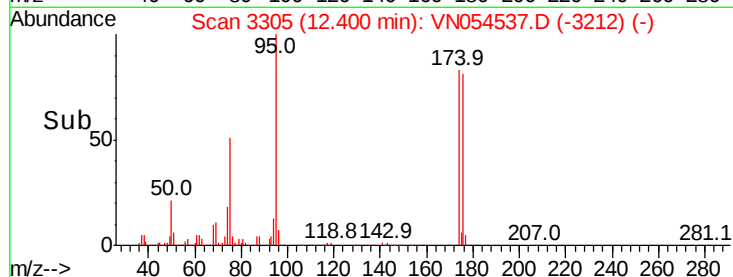
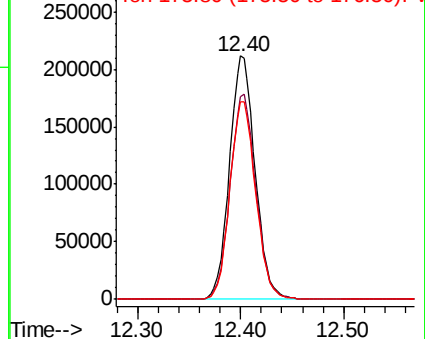
176 82.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

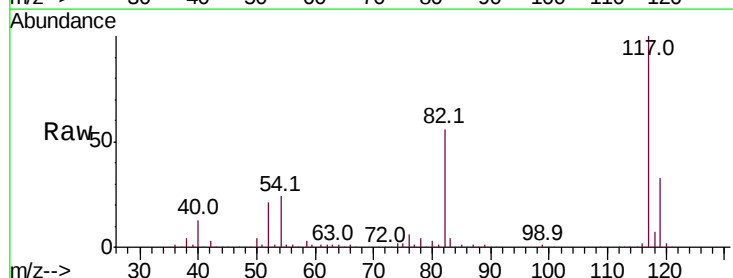
Tgt Ion: 117 Resp: 830295

Ion Ratio Lower Upper

117 100

82 56.3 40.0 60.0

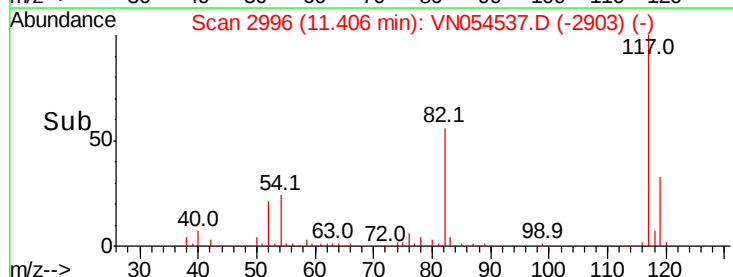
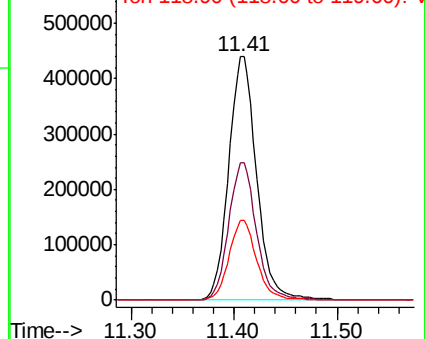
119 32.6 25.8 38.6

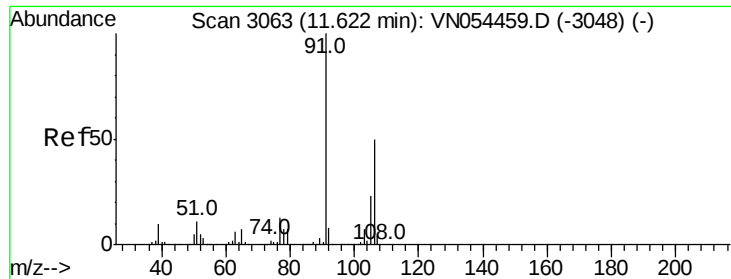


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#68

m/p-Xylenes

Concen: 0.301 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

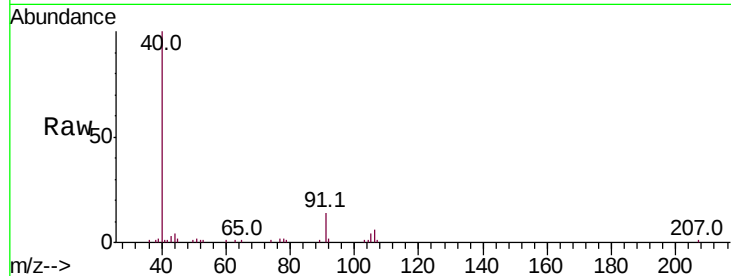
EO-02-032019-A

Tot Ion:106 Resp: 3402

Ion Ratio Lower Upper

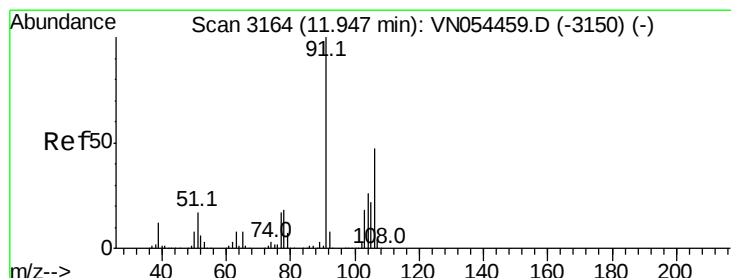
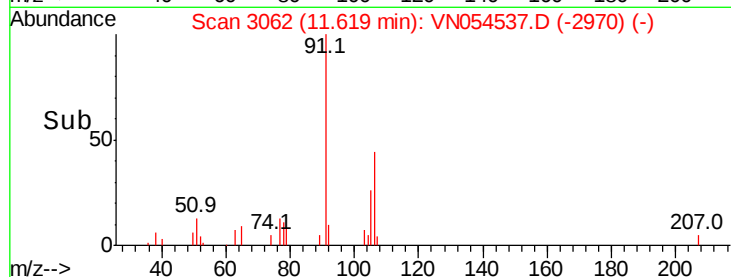
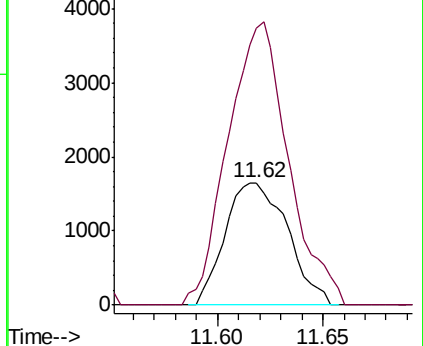
106 100

91 223.3 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.286 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN054537.D

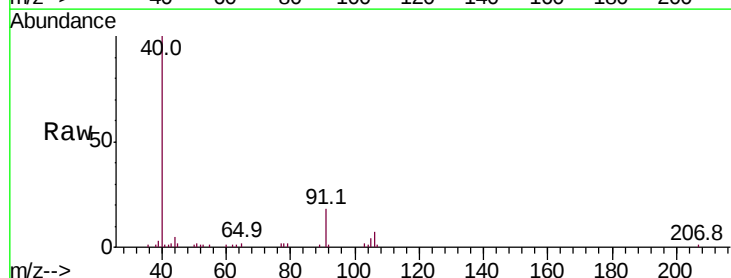
Acq: 22 Mar 2019 4:06

Tgt Ion:106 Resp: 3161

Ion Ratio Lower Upper

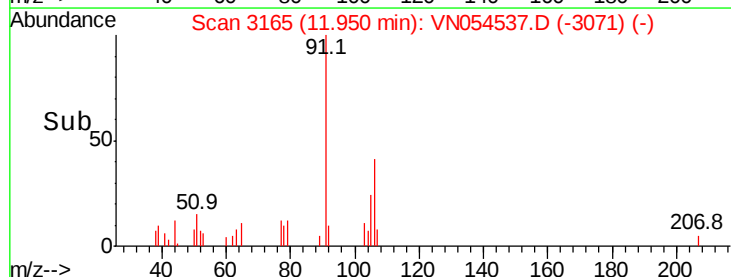
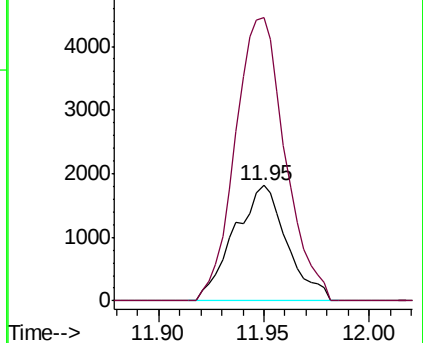
106 100

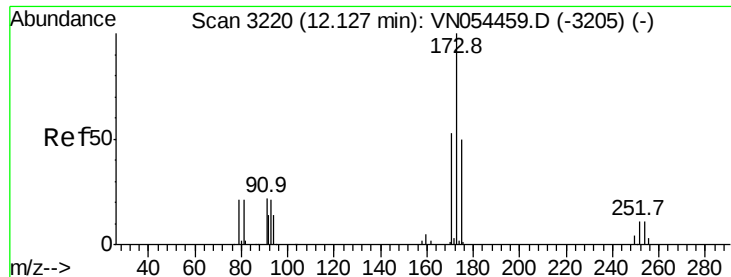
91 231.7 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.232 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.26 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

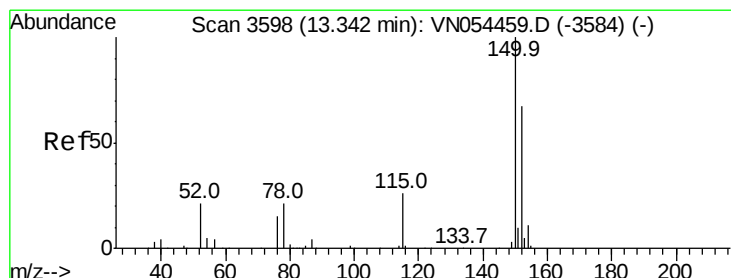
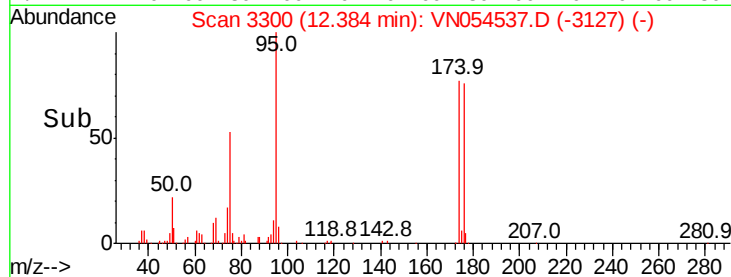
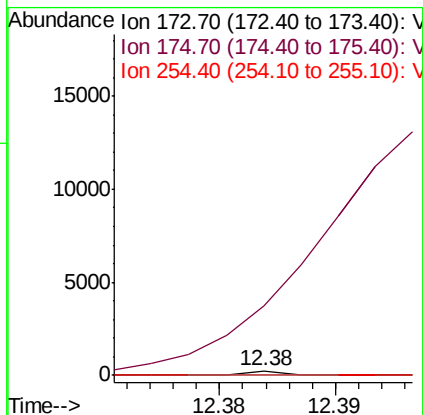
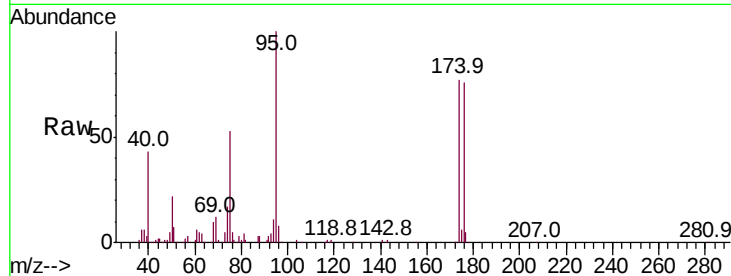
Tot Ion:173 Resp: 49

Ion Ratio Lower Upper

173 100

175 41995.9 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: VN054537.D

Acq: 22 Mar 2019 4:06

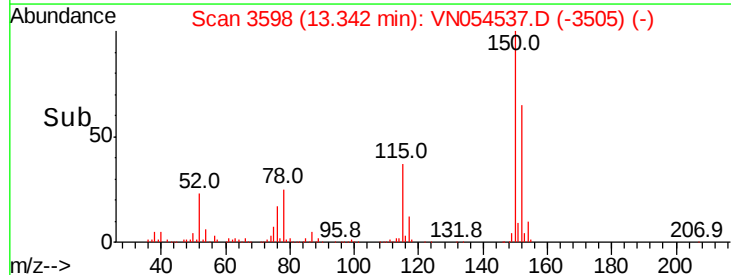
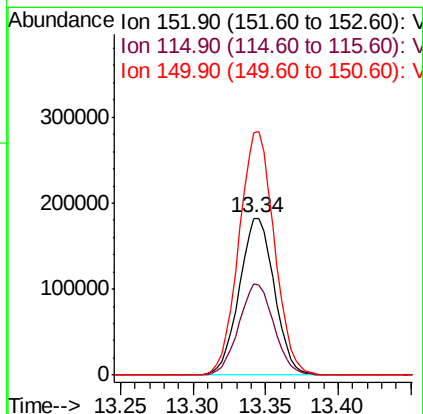
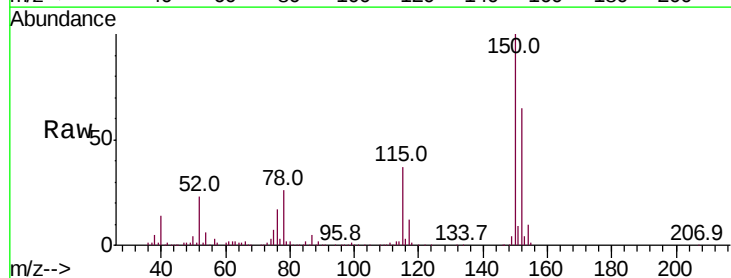
Tgt Ion:152 Resp: 306622

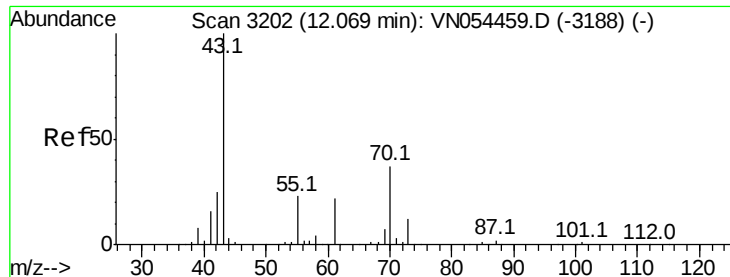
Ion Ratio Lower Upper

152 100

115 58.5 27.2 81.6

150 156.3 0.0 349.2





#74

N-amvl acetate

Concen: 2.687 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

Tot Ion: 43 Resp: 19087

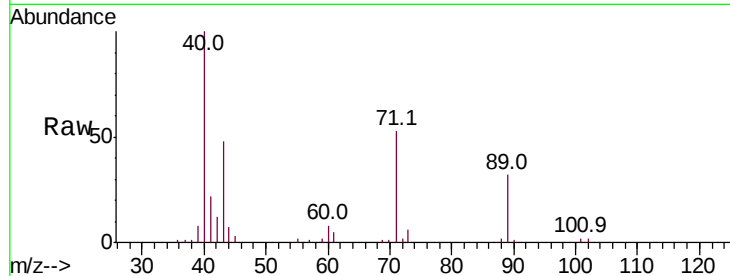
Ion Ratio Lower Upper

43 100

70 1.0 35.4 53.0#

55 4.9 19.8 29.6#

61 10.5 19.8 29.6#

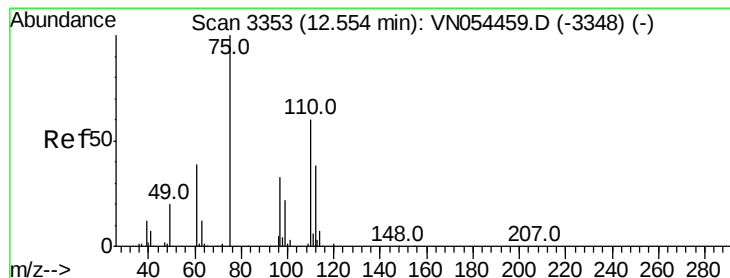
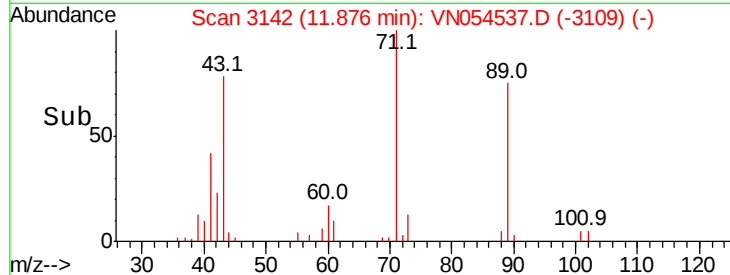
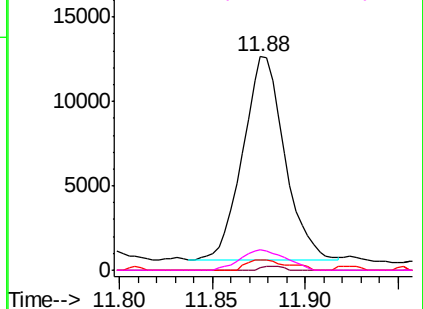


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 38.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054537.D

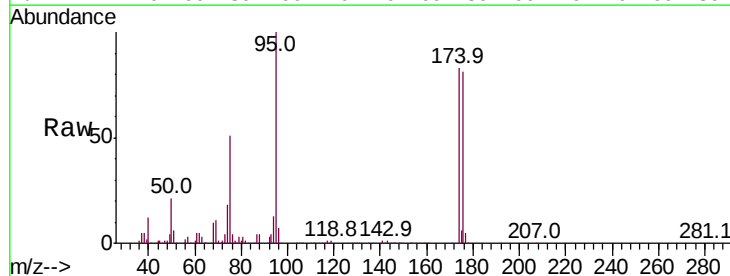
Acq: 22 Mar 2019 4:06

Tgt Ion: 75 Resp: 185711

Ion Ratio Lower Upper

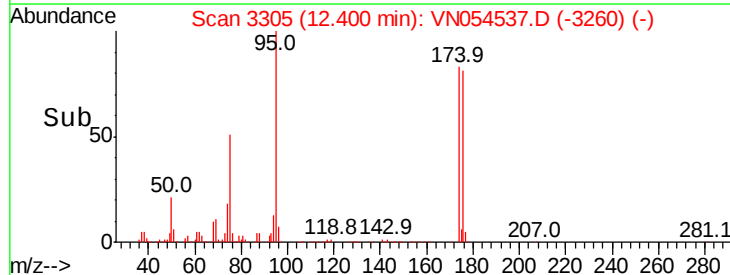
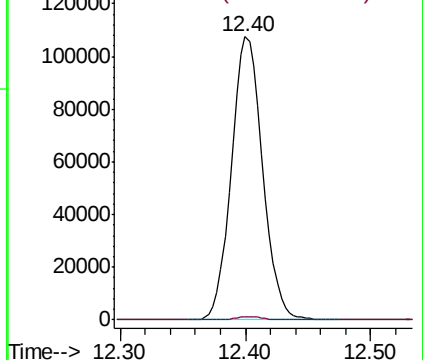
75 100

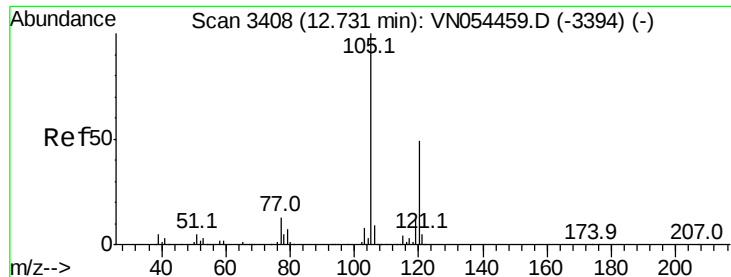
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.788 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

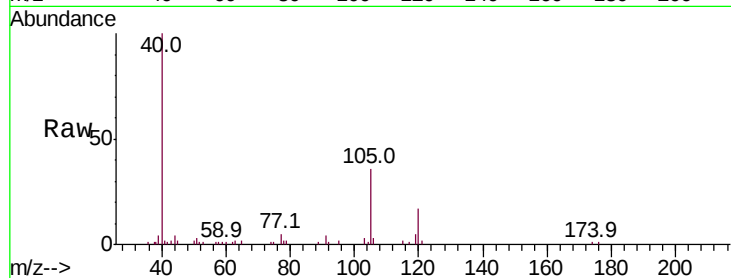
EO-02-032019-A

Tot Ion:105 Resp: 15962

Ion Ratio Lower Upper

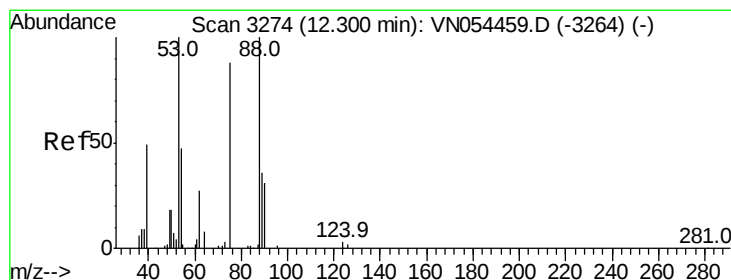
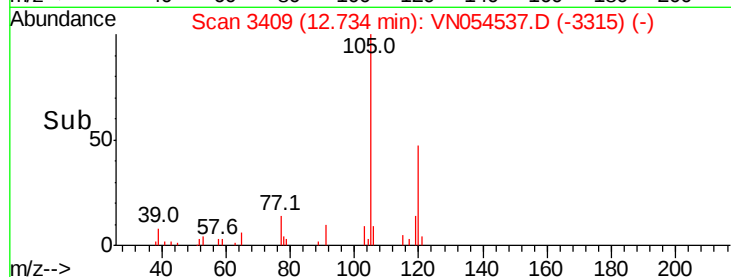
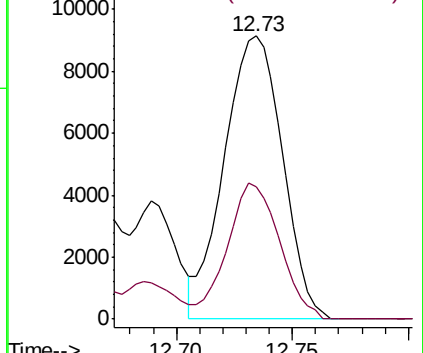
105 100

120 43.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 126.404 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

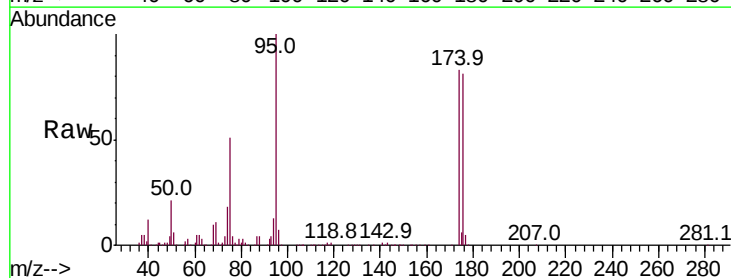
Tgt Ion: 75 Resp: 185711

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

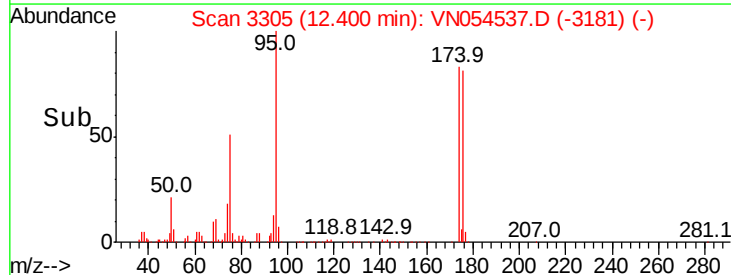
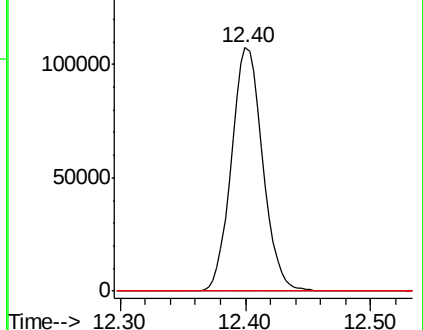
89 0.0 39.2 58.8#

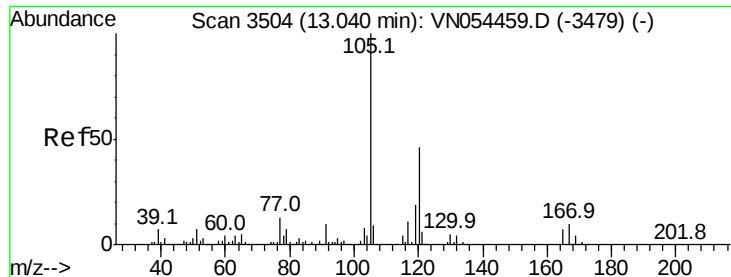


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.693 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

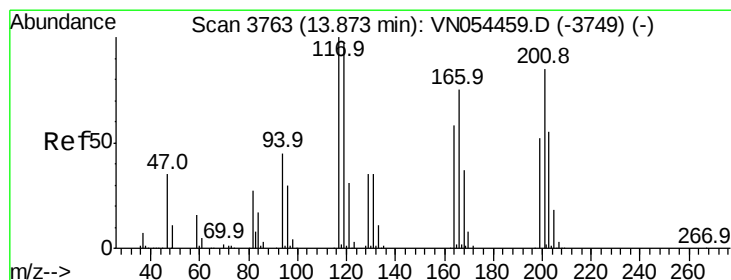
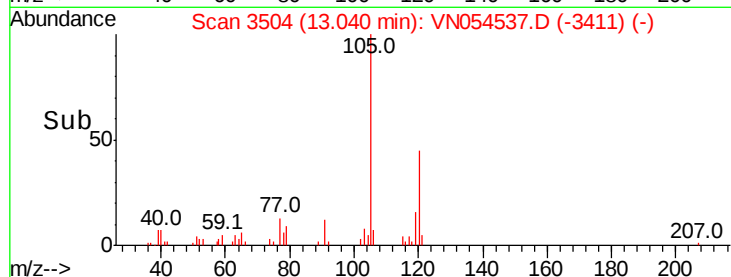
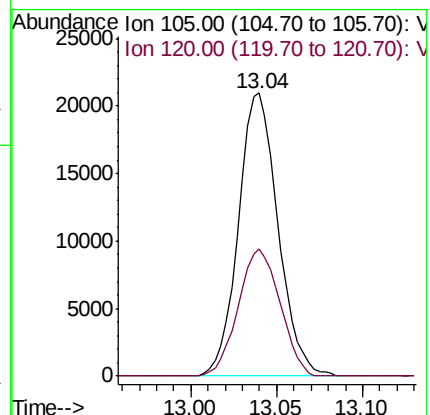
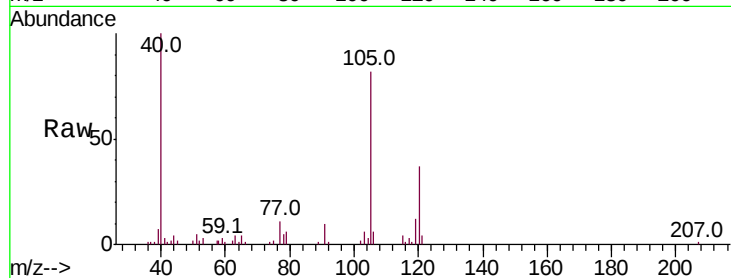
EO-02-032019-A

Tot Ion:105 Resp: 33631

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.3



#90

Hexachloroethane

Concen: 0.264 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054537.D

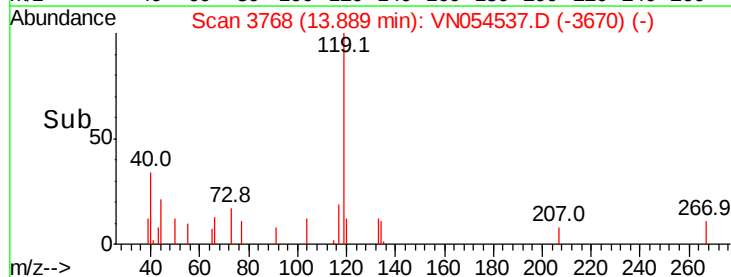
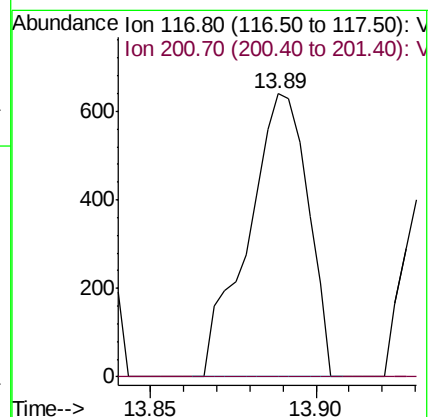
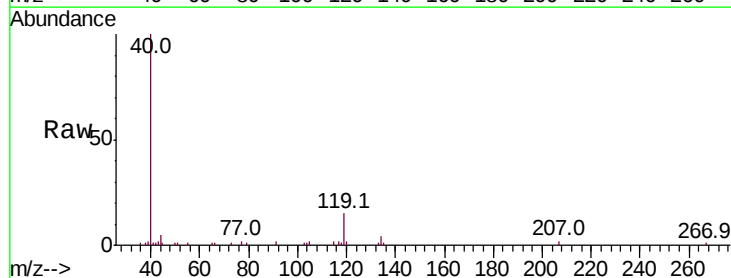
Acq: 22 Mar 2019 4:06

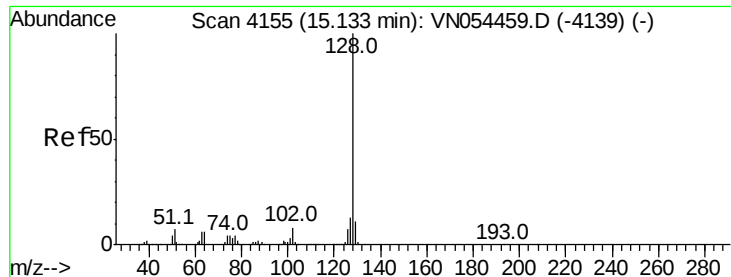
Tgt Ion:117 Resp: 807

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#





#95

Naphthalene

Concen: 0.618 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054537.D

Acq: 22 Mar 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-A

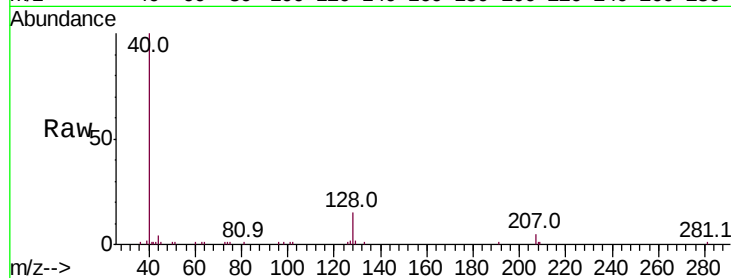
Tot Ion:128 Resp: 6764

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 11.0 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

