

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112118\
 Data File : VN052439.D
 Acq On : 21 Nov 2018 15:37
 Operator : MD\SY
 Sample : J5772-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 23:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	238797	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.59	113	178925	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.09	98	683208	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	204866	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

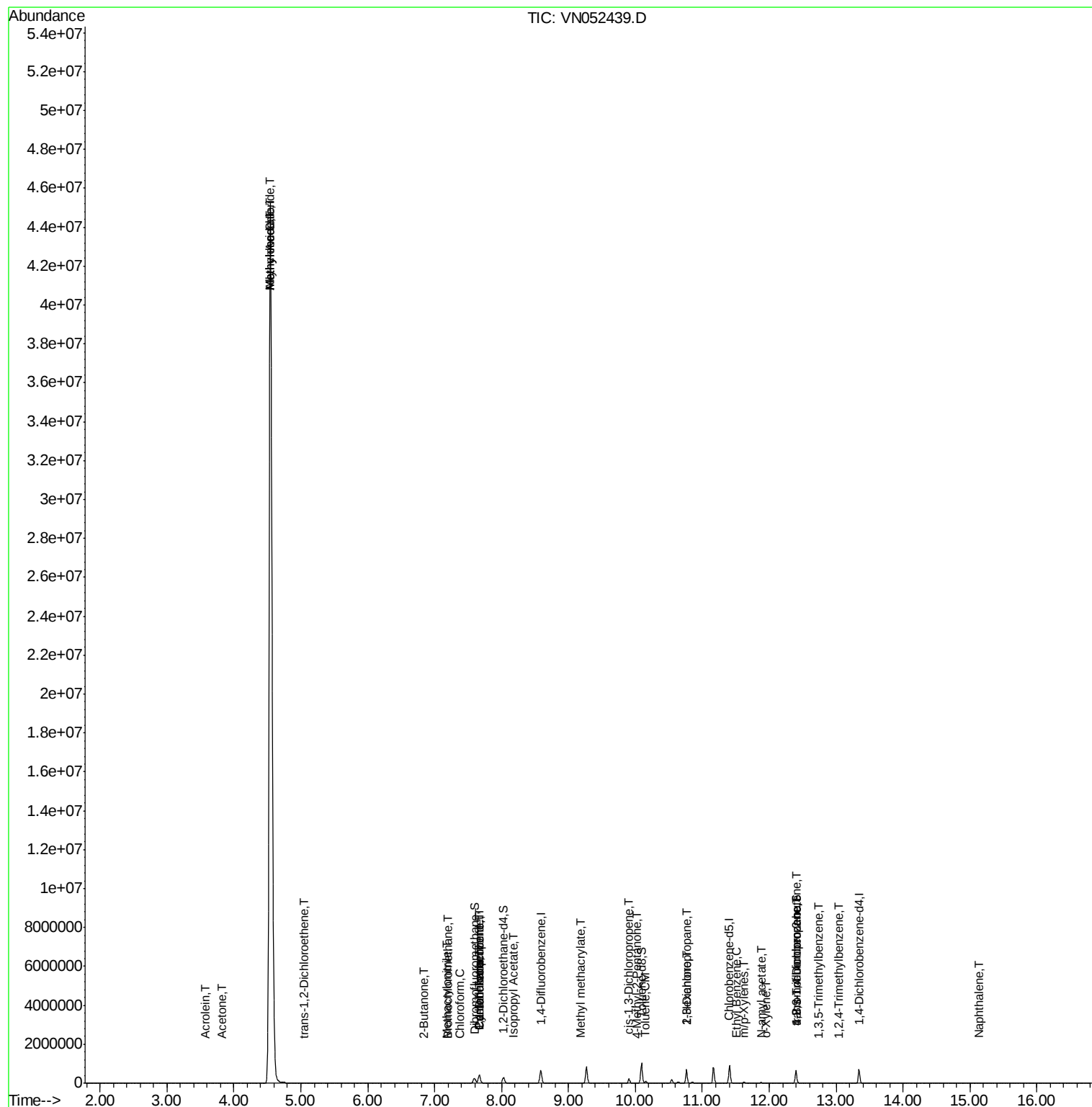
						Qvalue
13) Acrolein	3.58	56	30	21.848	ug/l #	1
14) Allyl chloride	4.54	41	1360454	205.261	ug/l #	22
16) Acetone	3.82	43	6042	4.955	ug/l	91
18) Methyl Acetate	4.54	43	144123	42.246	ug/l	97
20) Methylene Chloride	4.54	84	27072391	7400.712	ug/l #	74
21) trans-1,2-Dichloroethene	5.05	96	777	0.224	ug/l	94
25) 2-Butanone	6.83	43	379	0.221	ug/l #	52
28) Bromochloromethane	7.20	49	1180	0.316	ug/l #	95
30) Chloroform	7.38	83	1838	0.266	ug/l #	78
31) Cyclohexane	7.67	56	10022	0.437	ug/l #	23
36) 1,1-Dichloropropene	7.67	75	31486	5.909	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35172	7.184	ug/l #	16
41) Methacrylonitrile	7.18	41	238	3.798	ug/l #	100
43) Isopropyl Acetate	8.17	43	20086	2.692	ug/l #	96
48) Methyl methacrylate	9.18	41	5021	1.326	ug/l #	16
51) 4-Methyl-2-Pentanone	10.02	43	6211	1.653	ug/l #	41
52) Toluene	10.15	92	32312	3.548	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	31450	5.330	ug/l #	75
57) 1,3-Dichloropropane	10.76	76	6240	1.067	ug/l #	43
59) 2-Hexanone	10.76	43	116188	44.969	ug/l #	54
67) Ethyl Benzene	11.51	91	8623	0.504	ug/l	98
68) m/p-Xylenes	11.62	106	9749	1.558	ug/l	93
69) o-Xylene	11.95	106	3545	0.591	ug/l	96
74) N-ethyl acetate	11.88	43	13013	2.796	ug/l #	60
76) 1,2,3-Trichloropropane	12.40	75	122347	44.358	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3251	0.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	122347	143.869	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.04	105	4616	0.442	ug/l	93
95) Naphthalene	15.13	128	18179	5.599	ug/l	99

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

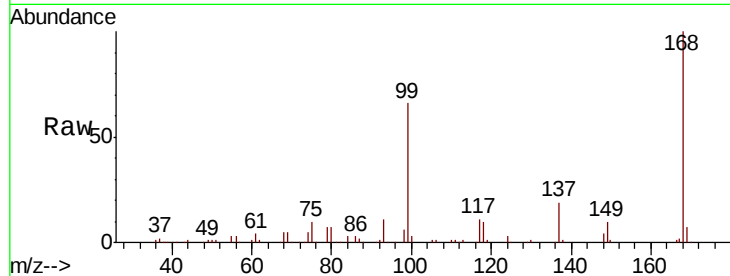
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 313567

Ion Ratio Lower Upper

168 100

99 65.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

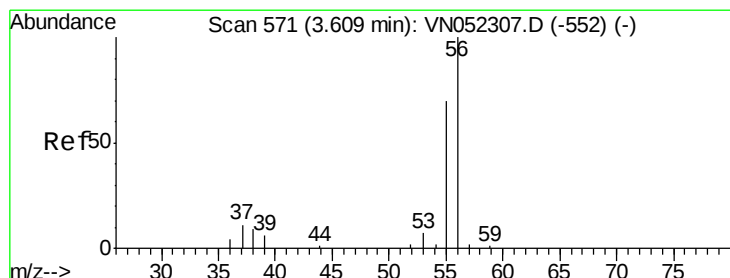
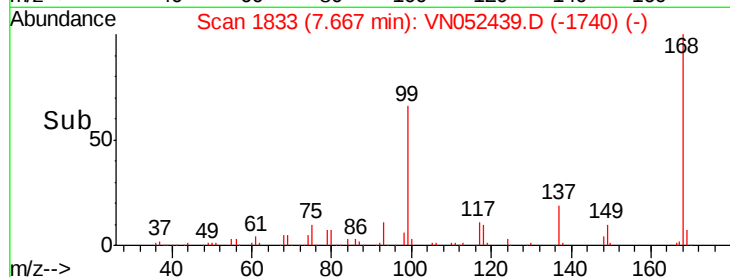
100000

50000

0

Time-->

7.60 7.70 7.80



#13

Acrolein

Concen: 21.848 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.03 min

Lab File: VN052439.D

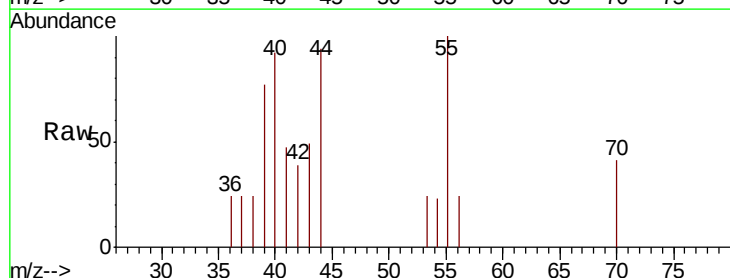
Acq: 21 Nov 2018 15:37

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 2756.7 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052307.D (-552) (-)

3.58

600

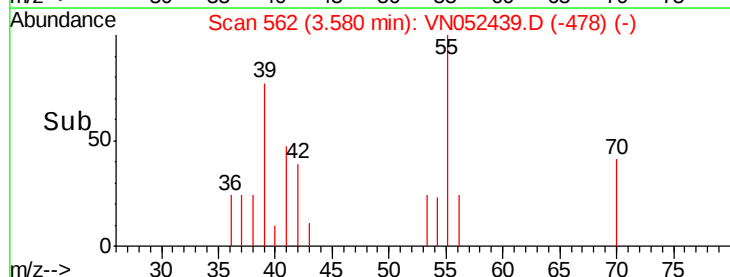
400

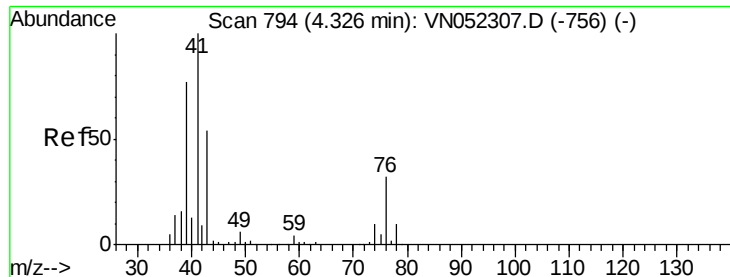
200

0

Time-->

3.57 3.58 3.59 3.59

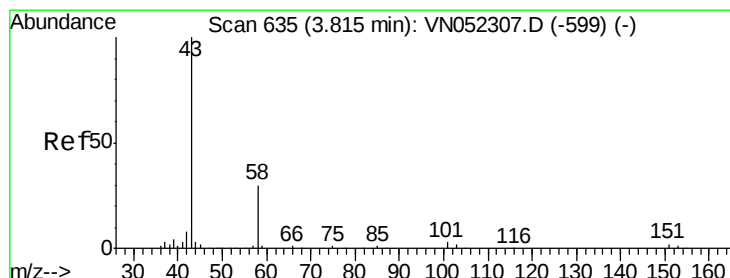
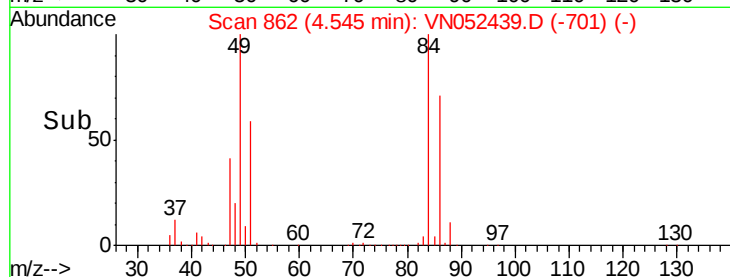
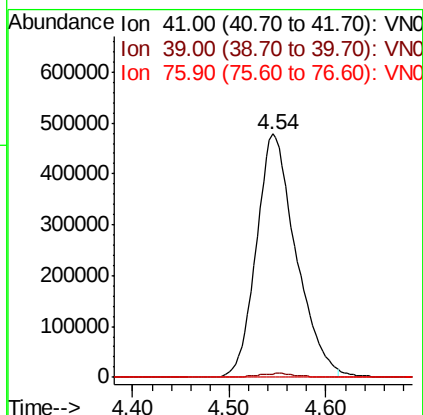
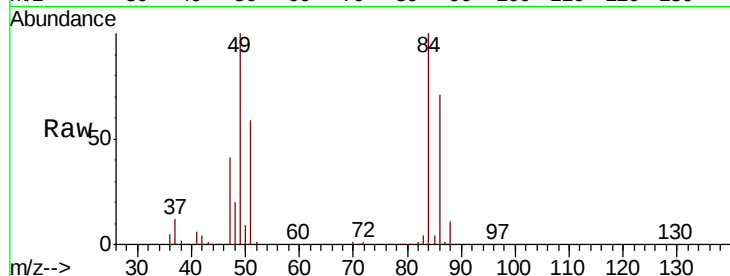




#14
Allvl chloride
Concen: 205.261 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.22 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

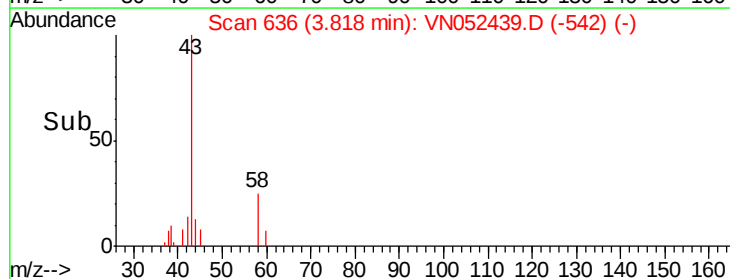
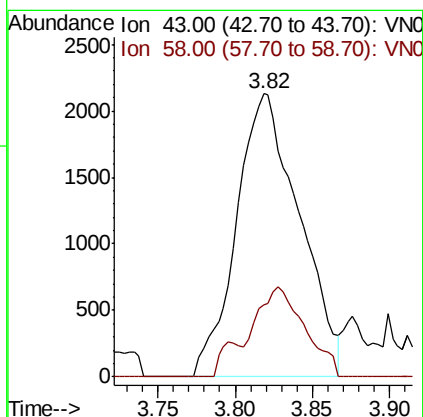
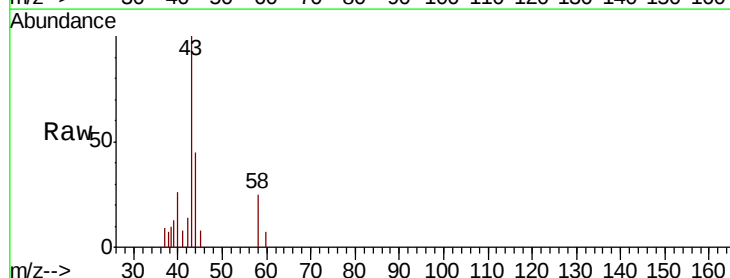
Instrument :
MSVOA_N
ClientSampled :

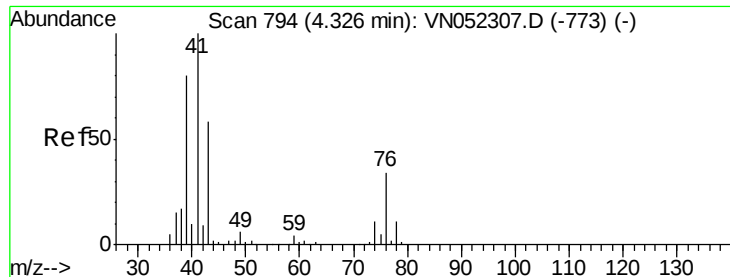
Tot Ion: 41 Resp: 1360454
Ion Ratio Lower Upper
41 100
39 0.0 59.1 88.7#
76 0.0 24.1 36.1#



#16
Acetone
Concen: 4.955 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 43 Resp: 6042
Ion Ratio Lower Upper
43 100
58 25.4 24.2 36.4

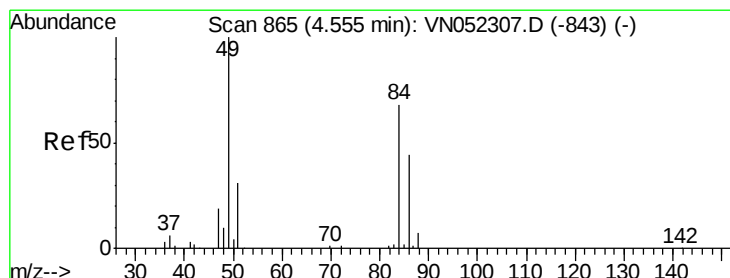
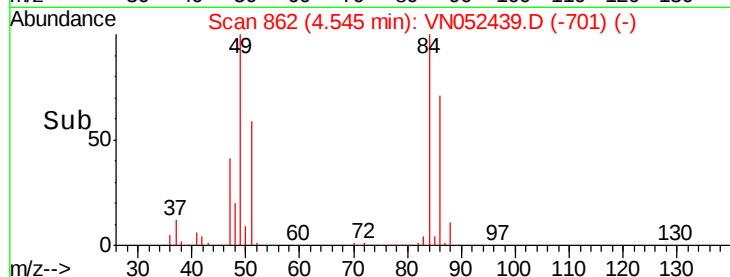
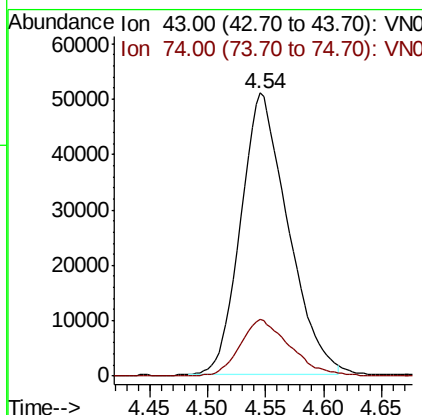
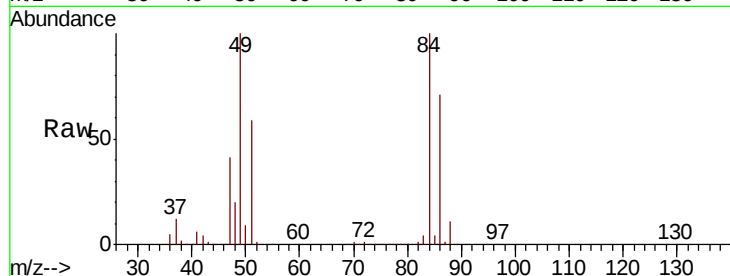




#18
Methyl Acetate
Concen: 42.246 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.22 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

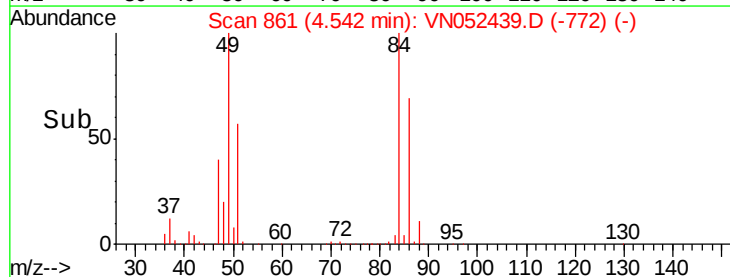
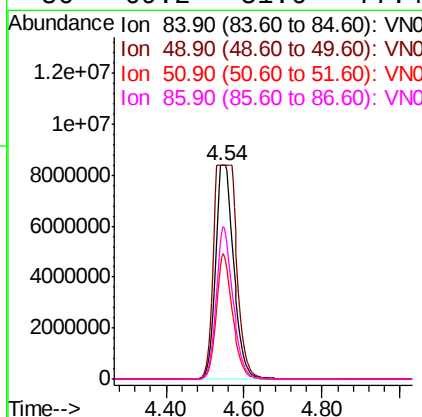
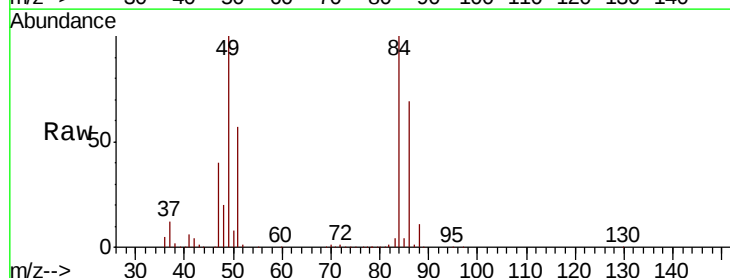
Instrument :
MSVOA_N
ClientSampleId :

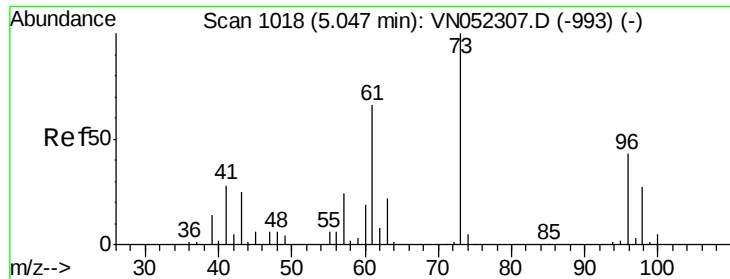
Tot Ion: 43 Resp: 144123
Ion Ratio Lower Upper
43 100
74 21.1 15.9 23.9



#20
Methylene Chloride
Concen: 7400.712 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 84 Resp: 27072391
Ion Ratio Lower Upper
84 100
49 100.0 118.2 177.2#
51 56.9 36.1 54.1#
86 69.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampled :

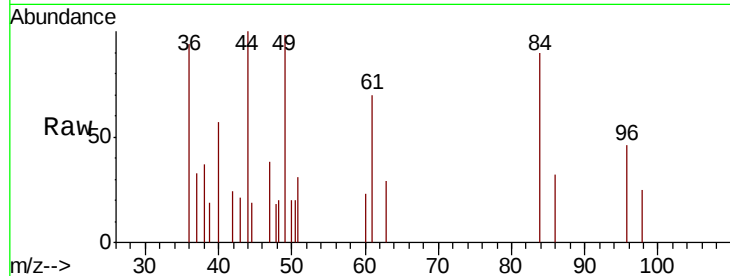
Tot Ion: 96 Resp: 777

Ion Ratio Lower Upper

96 100

61 151.1 123.6 185.4

98 52.9 50.7 76.1



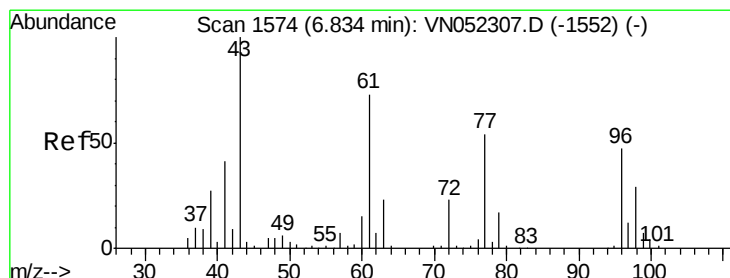
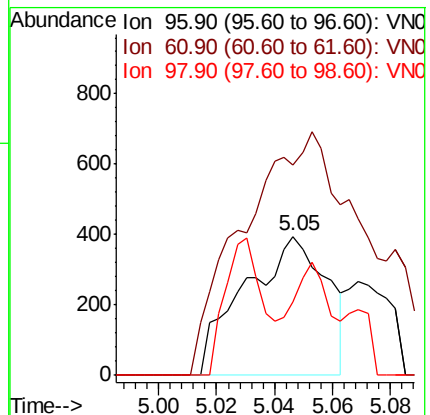
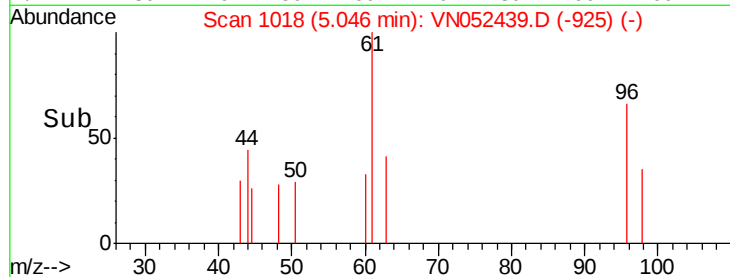
Abundance Ion 95.90 (95.60 to 96.60): VN052439.D (-925) (-)

Ion 60.90 (60.60 to 61.60): VN052439.D (-925) (-)

Ion 97.90 (97.60 to 98.60): VN052439.D (-925) (-)

5.05

Time-->



#25

2-Butanone

Concen: 0.221 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN052439.D

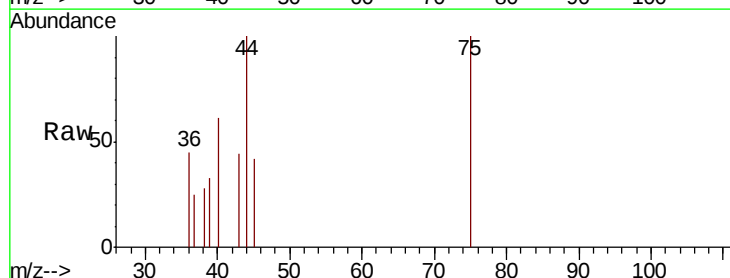
Acq: 21 Nov 2018 15:37

Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#

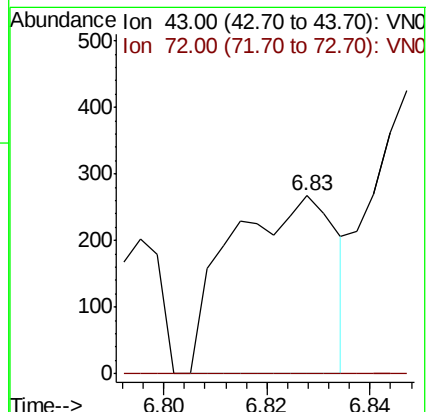
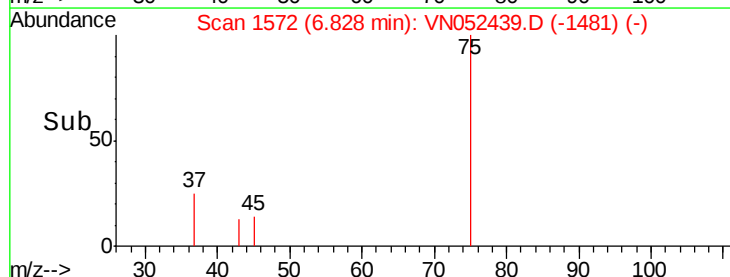


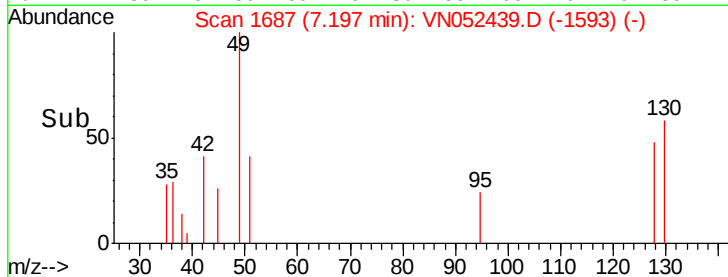
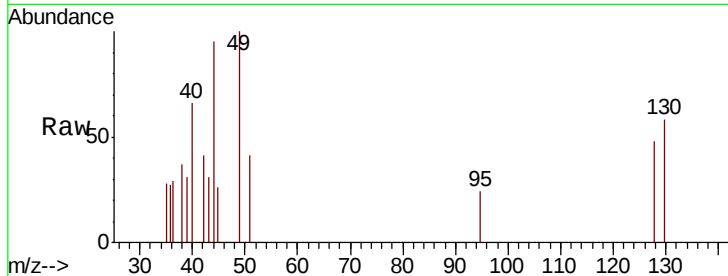
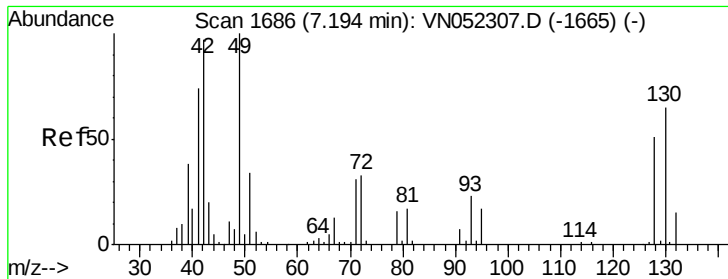
Abundance Ion 43.00 (42.70 to 43.70): VN052439.D (-1481) (-)

Ion 72.00 (71.70 to 72.70): VN052439.D (-1481) (-)

6.83

Time-->





#28

Bromochloromethane

Concen: 0.316 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampled :

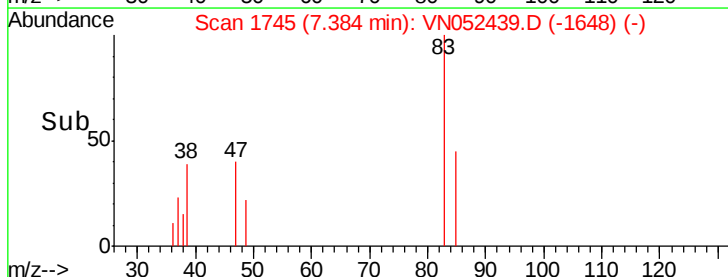
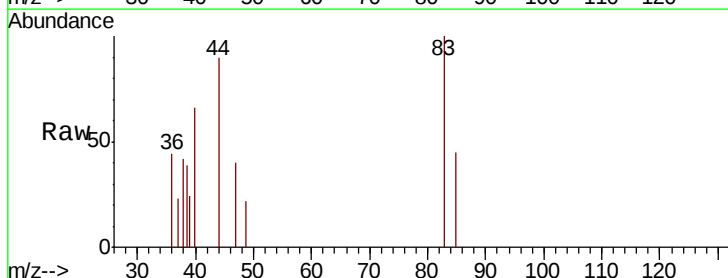
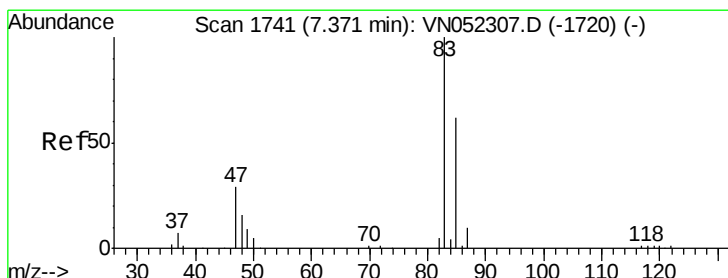
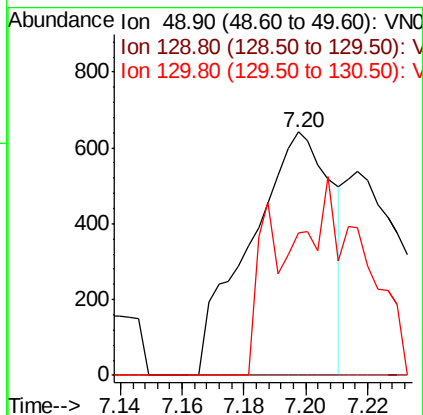
Tot Ion: 49 Resp: 1180

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

130 59.1 50.4 75.6



#30

Chloroform

Concen: 0.266 ug/l

RT: 7.38 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VN052439.D

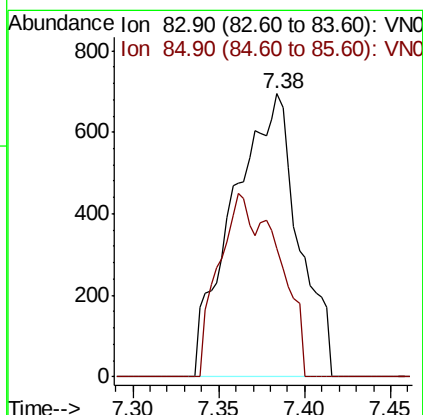
Acq: 21 Nov 2018 15:37

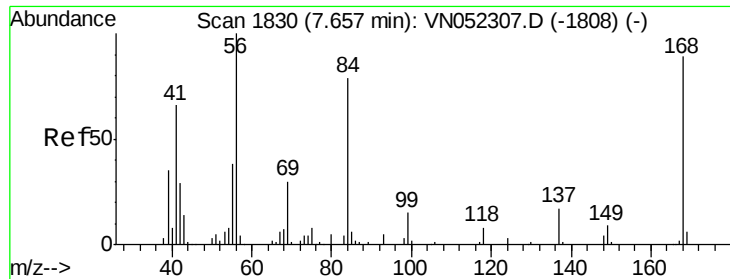
Tgt Ion: 83 Resp: 1838

Ion Ratio Lower Upper

83 100

85 45.2 49.4 74.2#

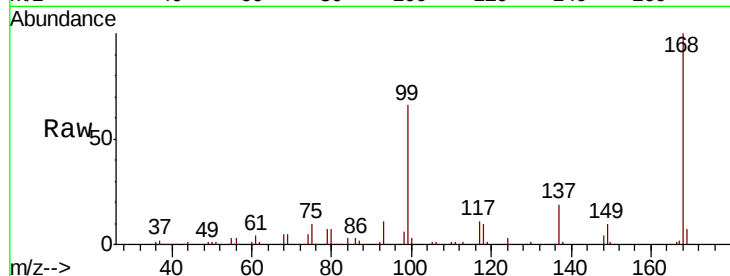




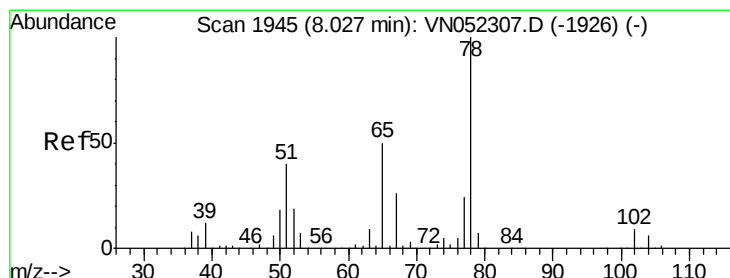
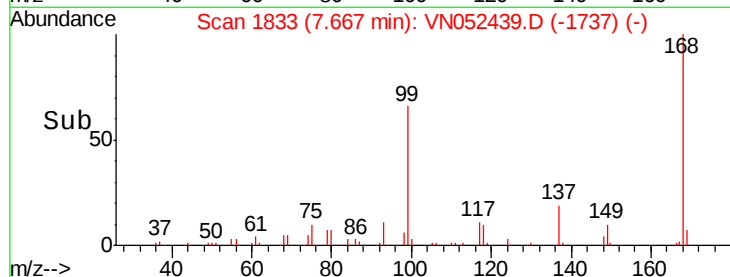
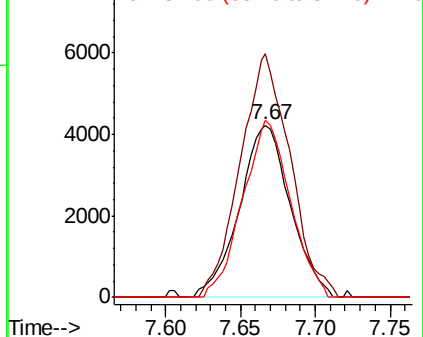
#31
Cyclohexane
Concen: 0.437 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 10022
Ion Ratio Lower Upper
56 100
69 141.6 23.8 35.8#
84 103.1 63.0 94.6#

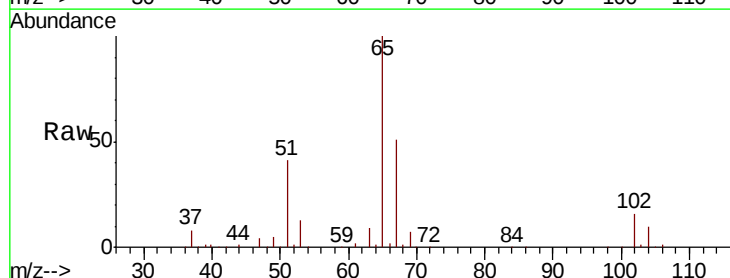


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

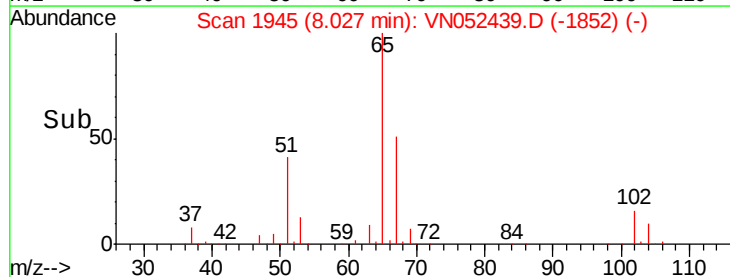
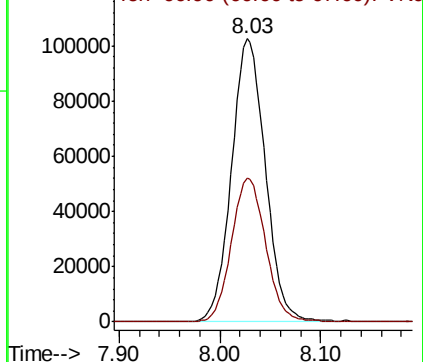


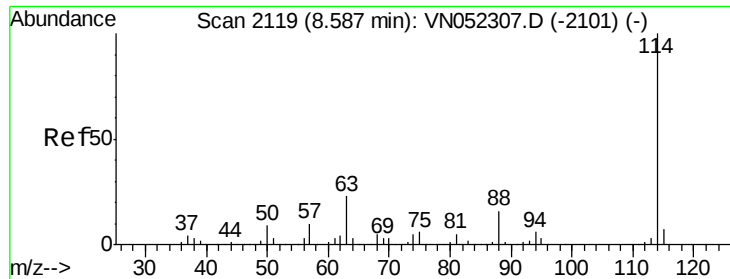
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 65 Resp: 238797
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2



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

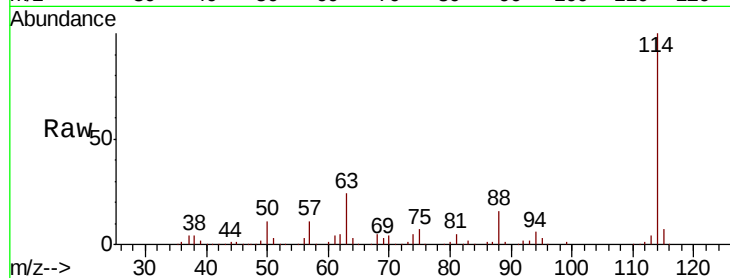




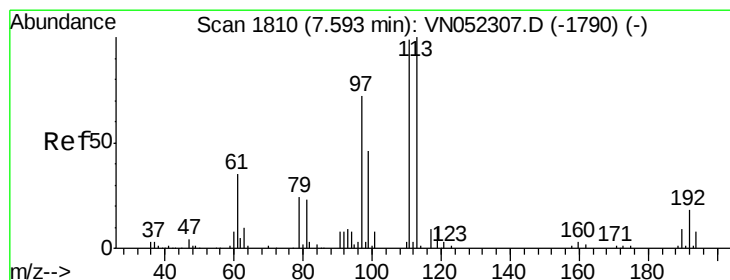
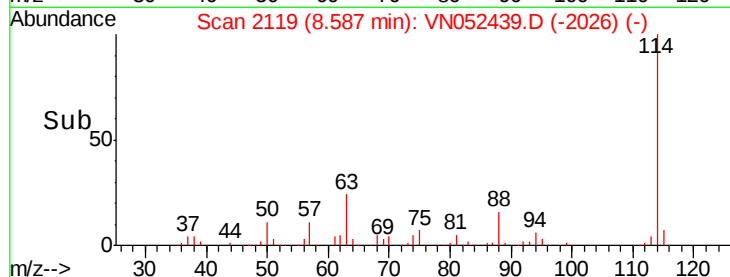
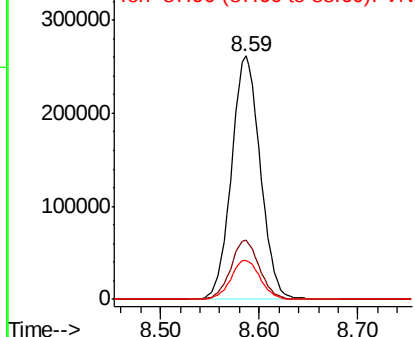
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 531643
Ion Ratio Lower Upper
114 100
63 24.2 0.0 45.4
88 16.1 0.0 31.2

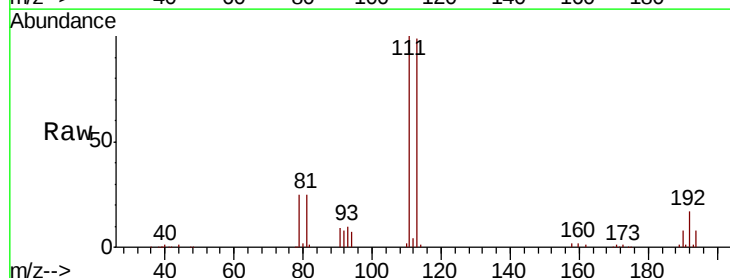


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

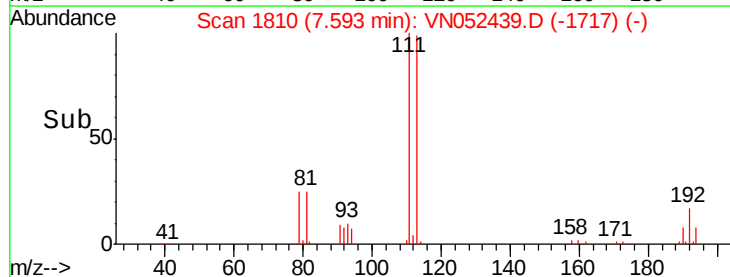
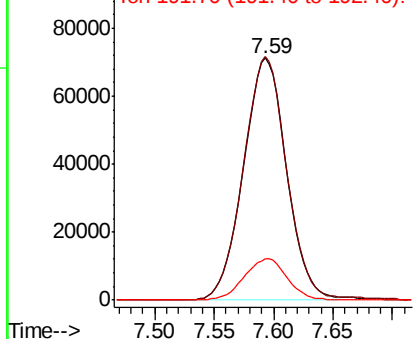


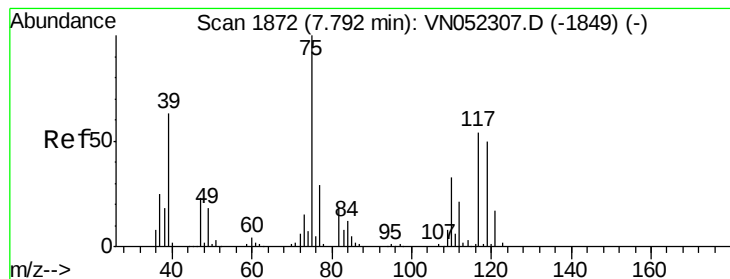
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion:113 Resp: 178925
Ion Ratio Lower Upper
113 100
111 100.6 81.0 121.6
192 17.0 13.8 20.6



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: 5.909 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

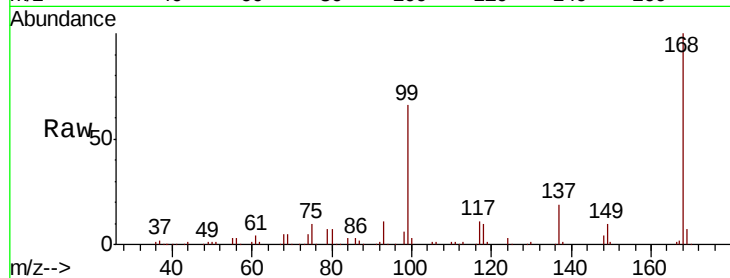
Tot Ion: 75 Resp: 31486

Ion Ratio Lower Upper

75 100

110 8.3 16.5 49.5#

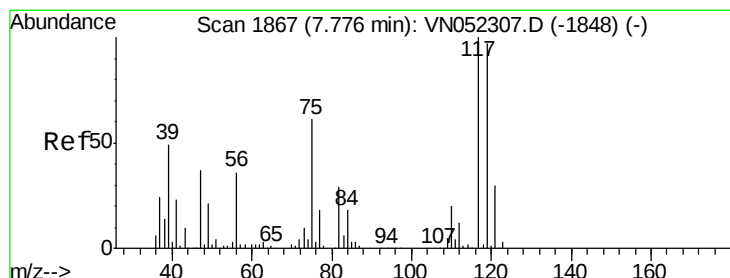
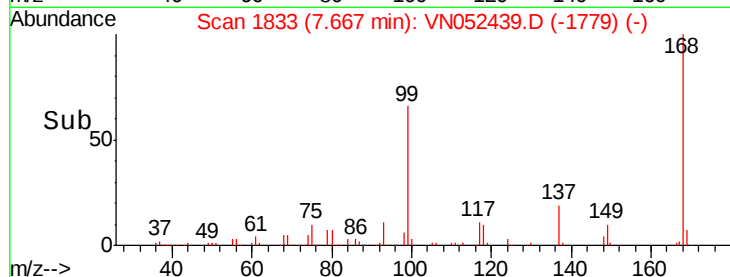
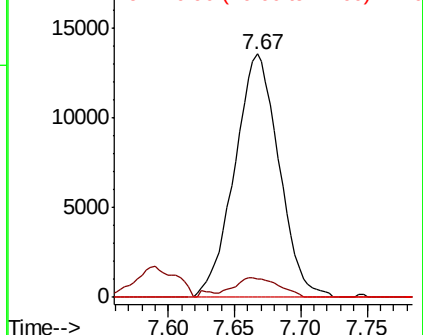
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052307.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052307.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 7.184 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

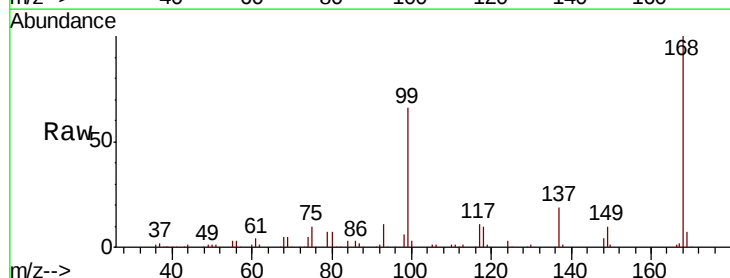
Tgt Ion: 117 Resp: 35172

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

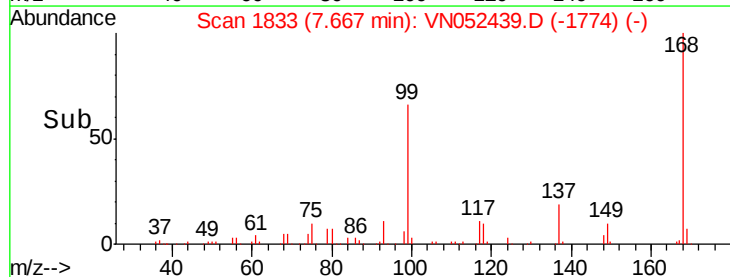
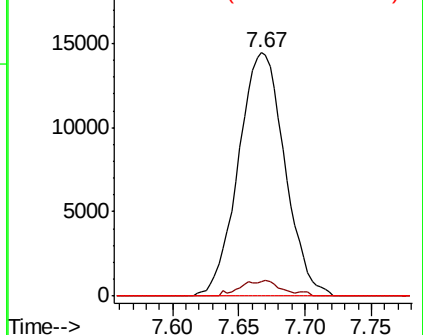
121 0.0 24.0 36.0#

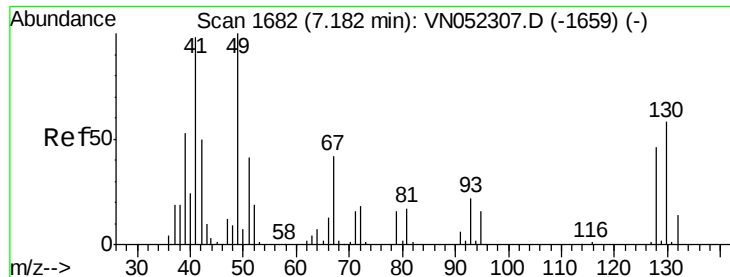


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN052307.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN052307.D (-1848) (-)

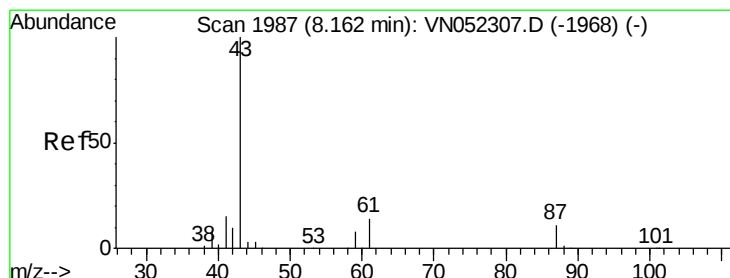
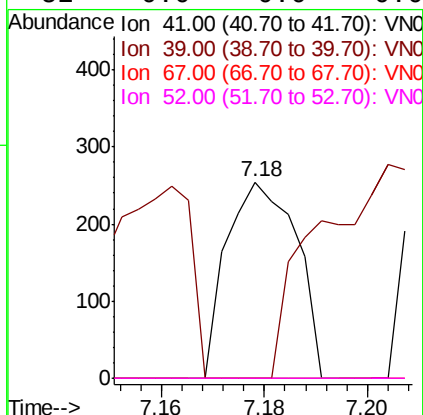
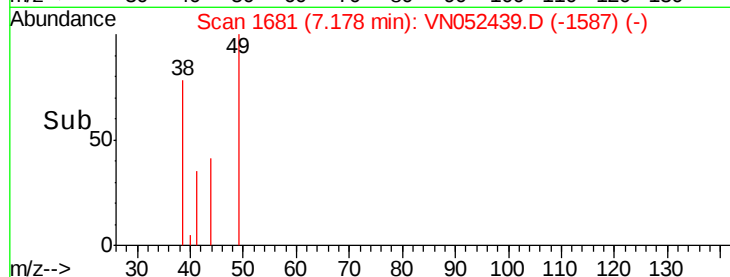
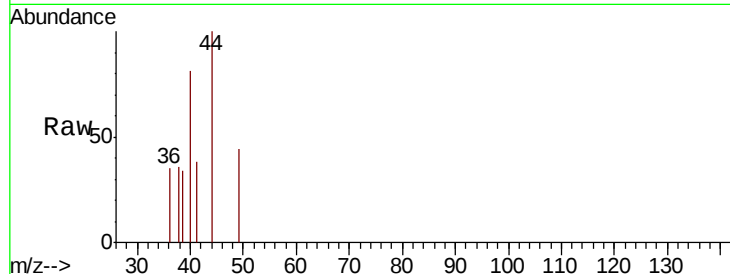




#41
Methacrylonitrile
Concen: 3.798 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

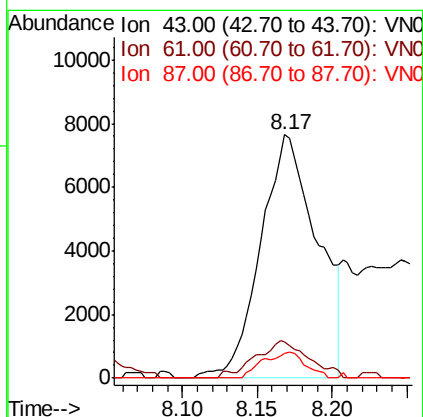
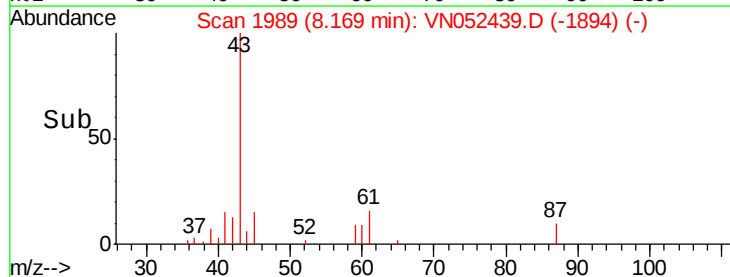
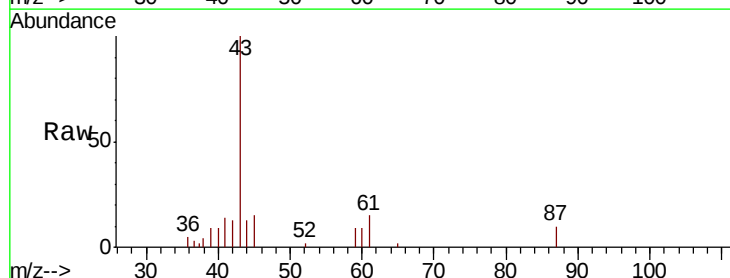
Instrument :
MSVOA_N
ClientSampled :

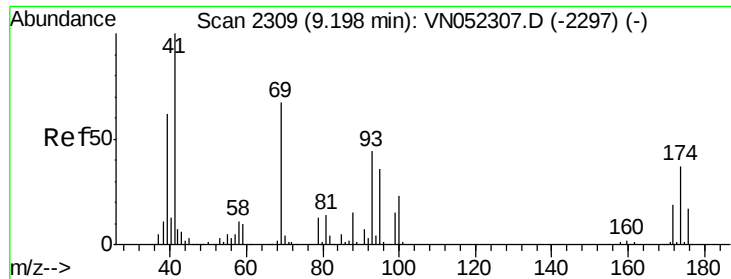
Tot Ion:	41	Resp:	238
Ion	Ratio	Lower	Upper
41	100		
39	105.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.692 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion:	43	Resp:	20086
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.0	18.0
87	8.0	8.3	12.5#

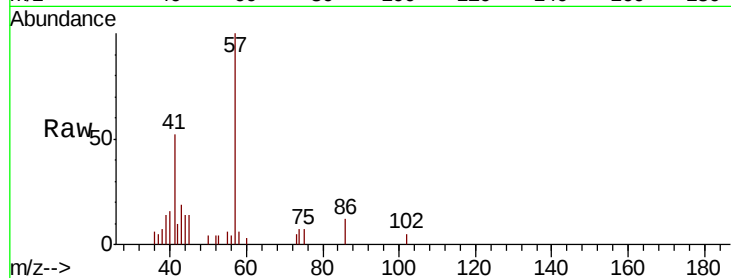




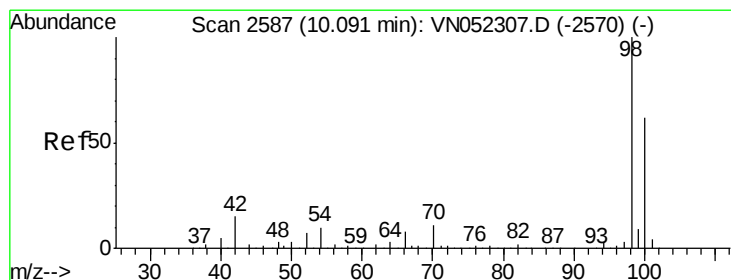
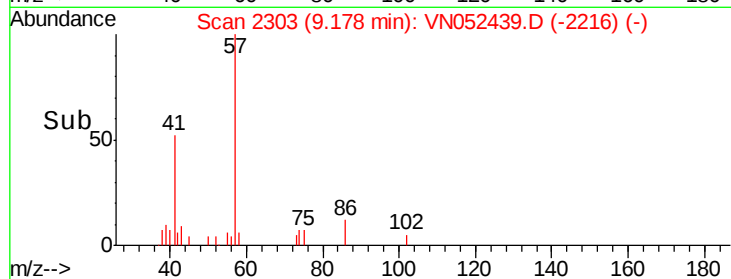
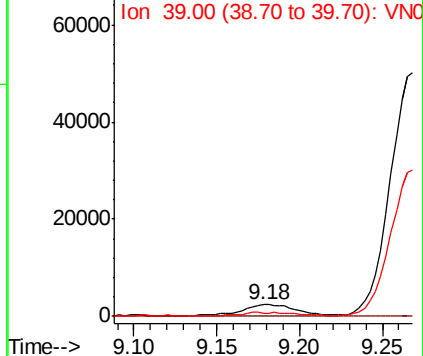
#48
Methvl methacrylate
Concen: 1.326 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5021
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 0.0 52.5 78.7#

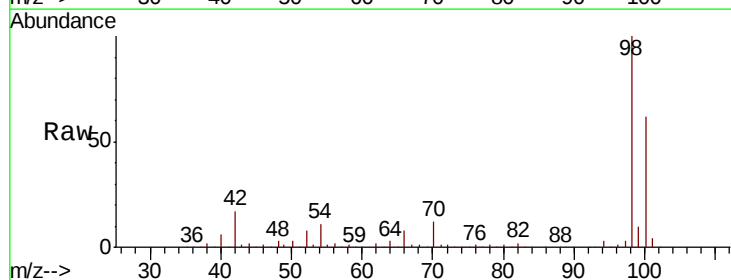


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

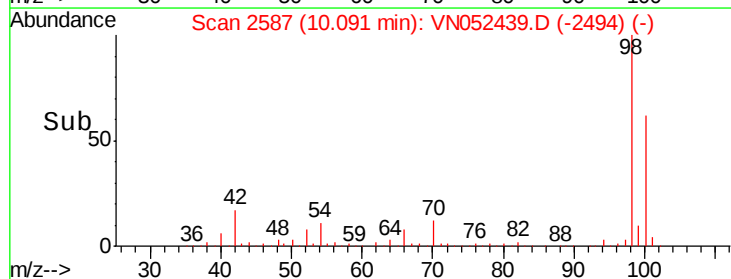
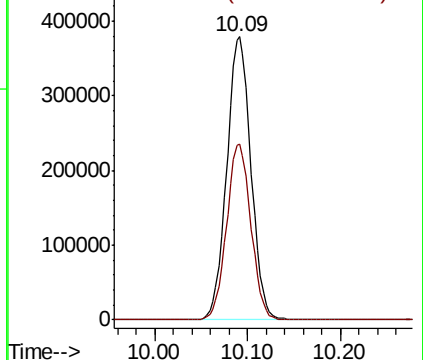


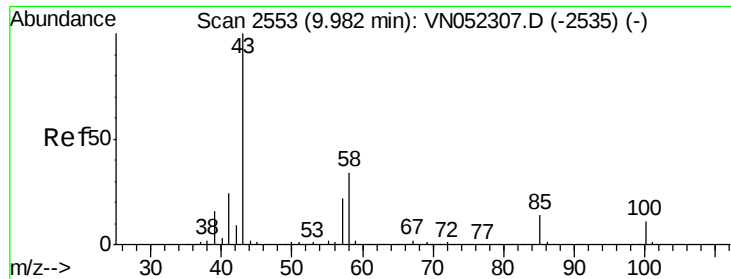
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 98 Resp: 683208
Ion Ratio Lower Upper
98 100
100 62.4 49.5 74.3



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: 1.653 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

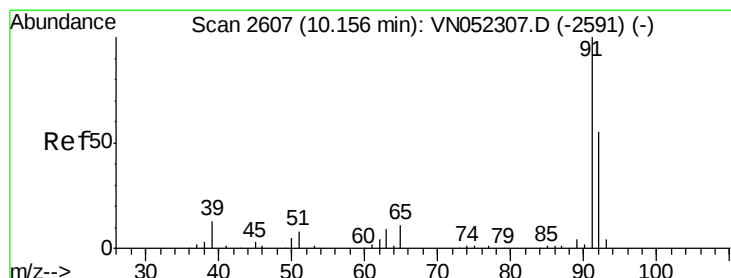
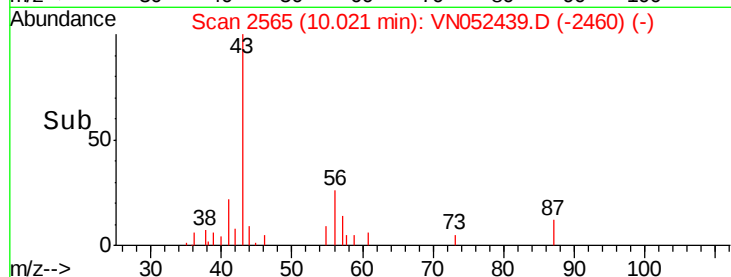
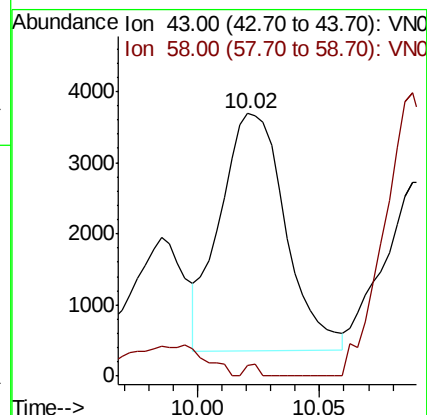
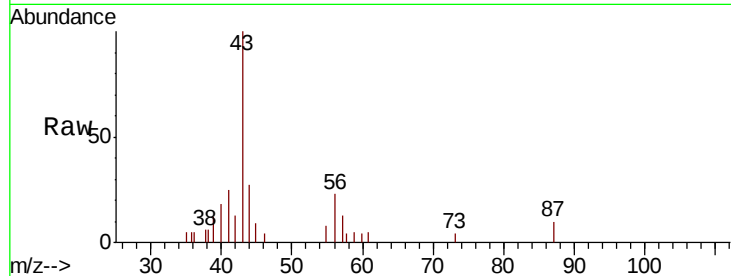
ClientSampleId :

Tot Ion: 43 Resp: 6211

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



#52

Toluene

Concen: 3.548 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052439.D

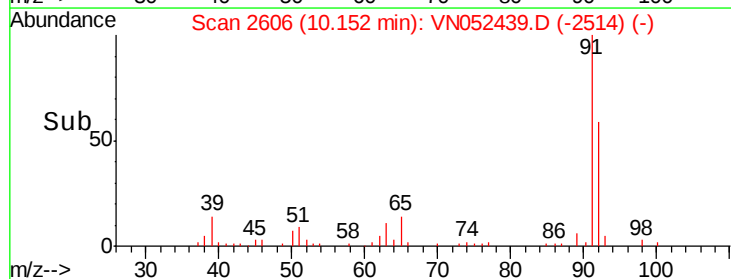
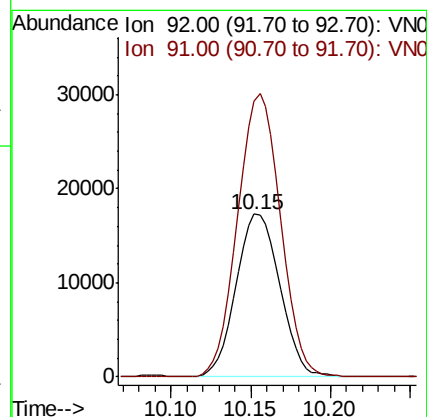
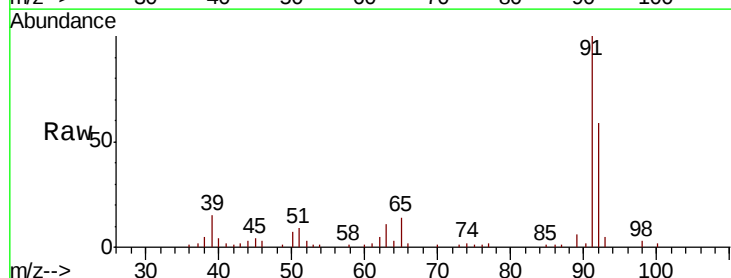
Acq: 21 Nov 2018 15:37

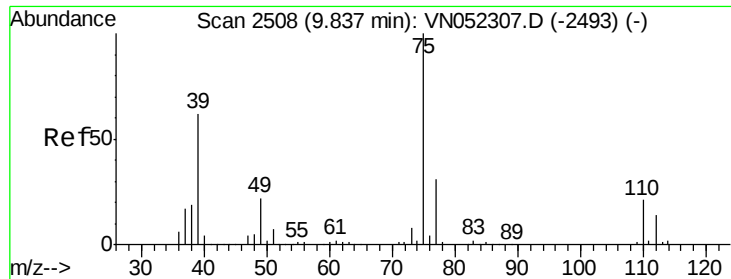
Tgt Ion: 92 Resp: 32312

Ion Ratio Lower Upper

92 100

91 170.5 143.6 215.4



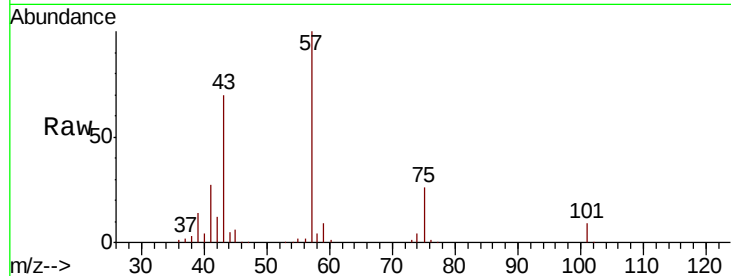


#54

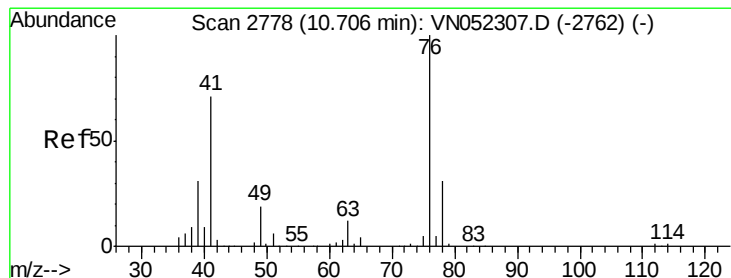
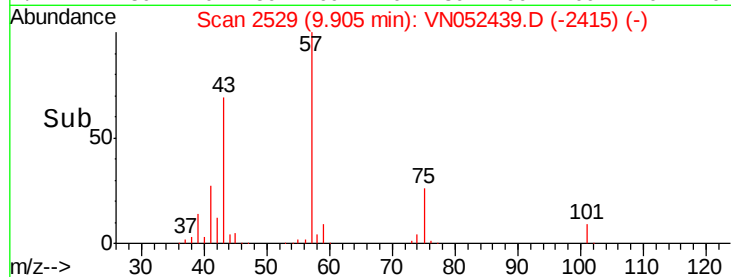
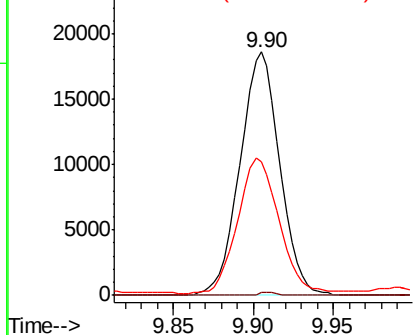
cis-1,3-Dichloropropene
 Concen: 5.330 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN052439.D
 Acq: 21 Nov 2018 15:37

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 31450
 Ion Ratio Lower Upper
 75 100
 77 1.1 24.6 36.8#
 39 53.9 49.9 74.9



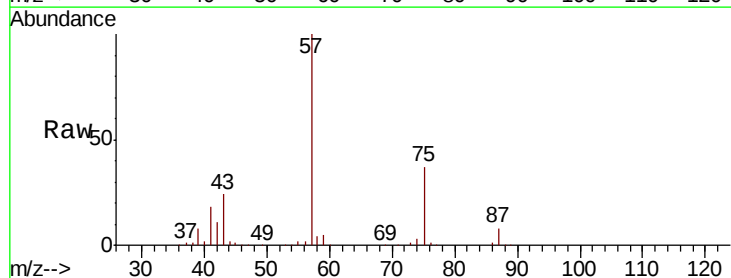
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



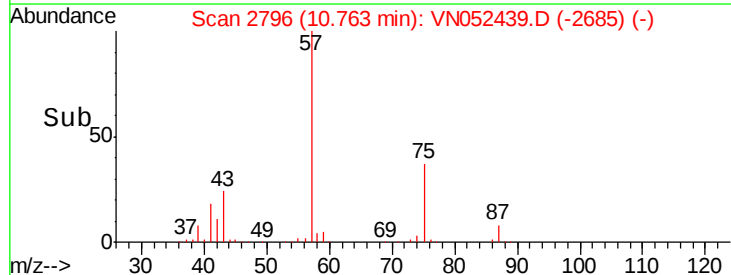
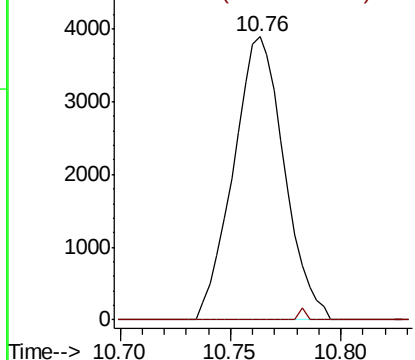
#57

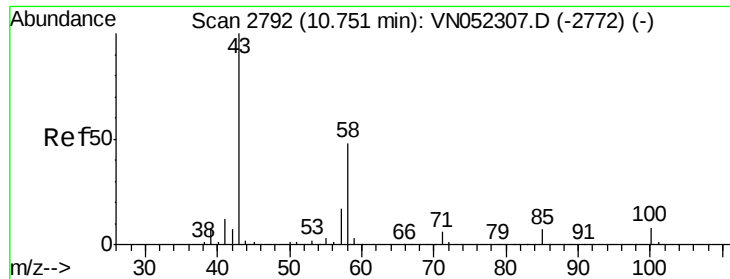
1,3-Dichloropropane
 Concen: 1.067 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052439.D
 Acq: 21 Nov 2018 15:37

Tgt Ion: 76 Resp: 6240
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

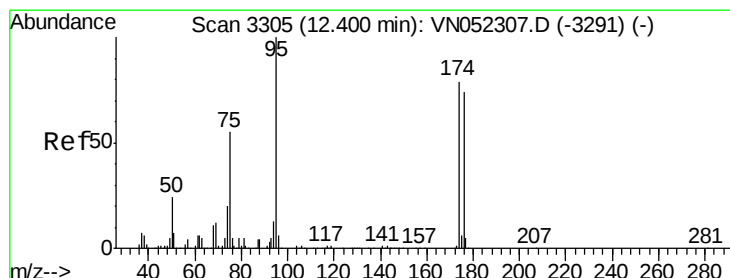
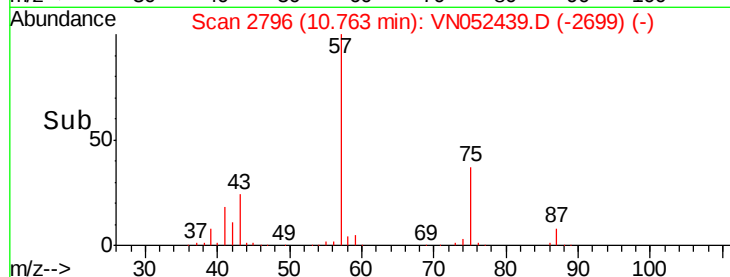
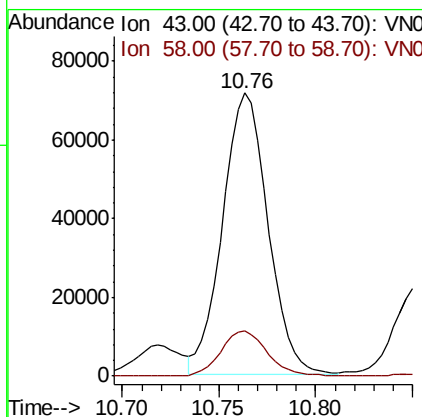
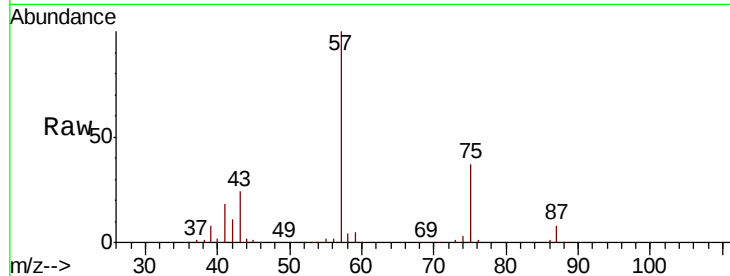




#59
2-Hexanone
Concen: 44.969 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

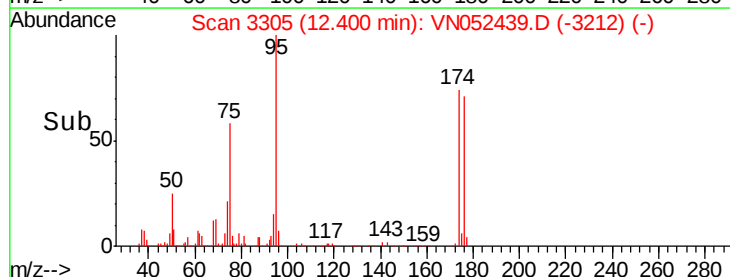
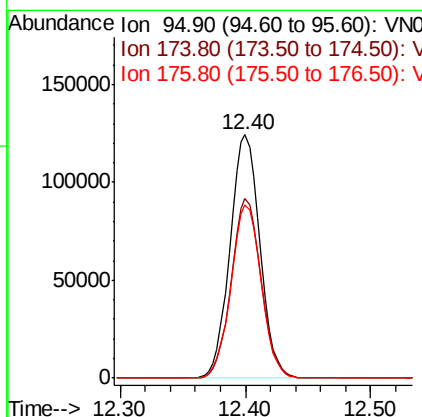
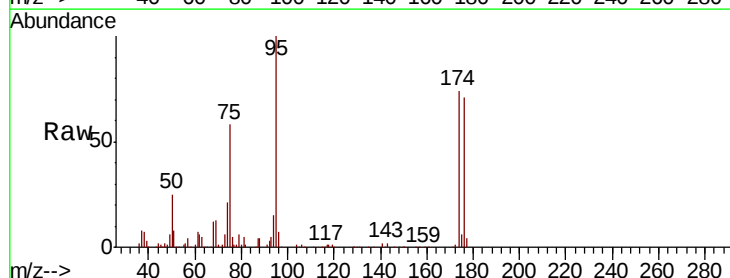
Instrument :
MSVOA_N
ClientSampled :

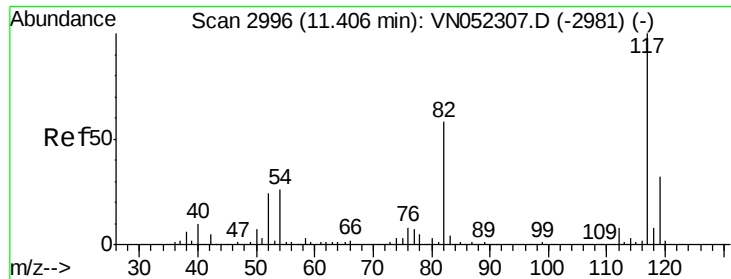
Tot Ion: 43 Resp: 116188
Ion Ratio Lower Upper
43 100
58 16.6 23.5 70.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 95 Resp: 204866
Ion Ratio Lower Upper
95 100
174 74.2 0.0 156.0
176 72.0 0.0 148.4

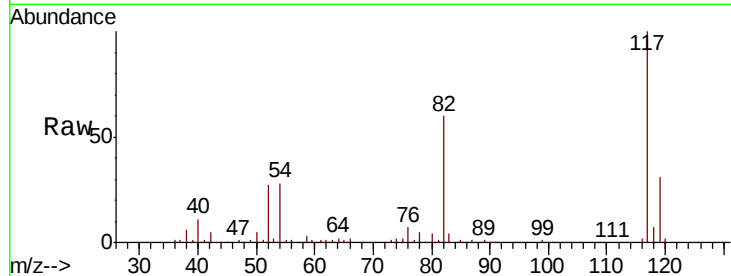




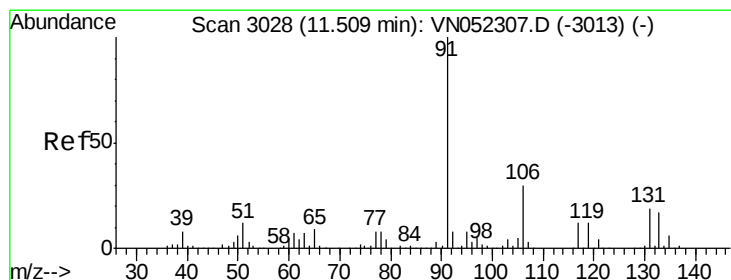
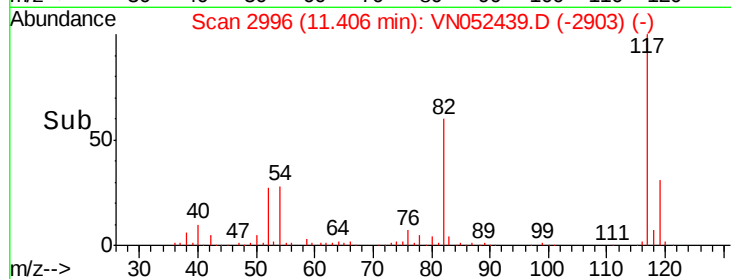
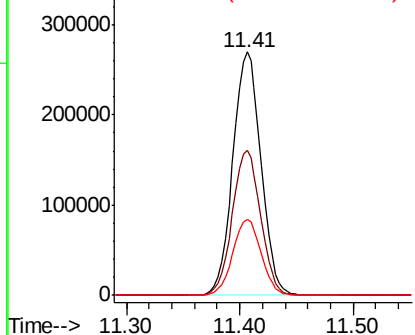
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 466806
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 31.2 25.7 38.5

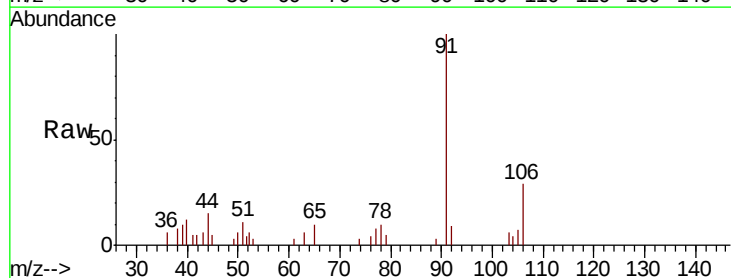


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

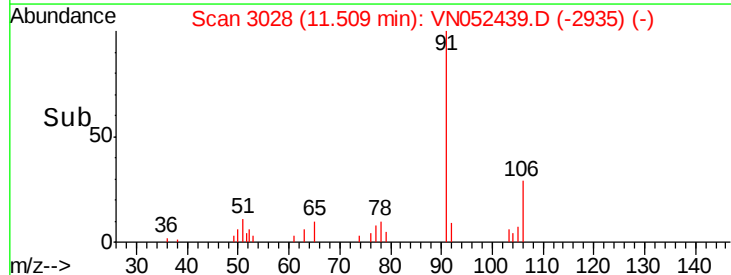
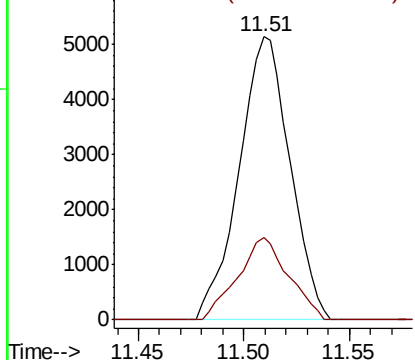


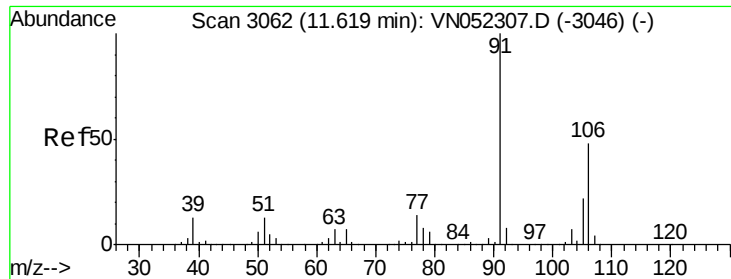
#67
Ethyl Benzene
Concen: 0.504 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion: 91 Resp: 8623
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2



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

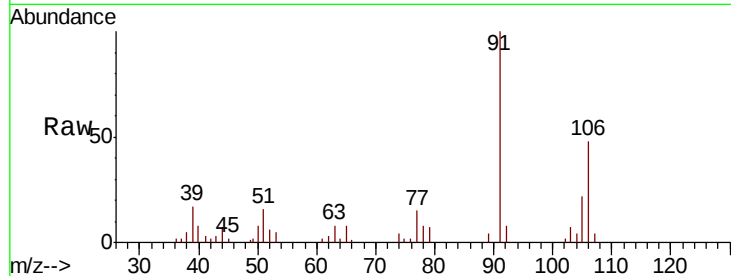




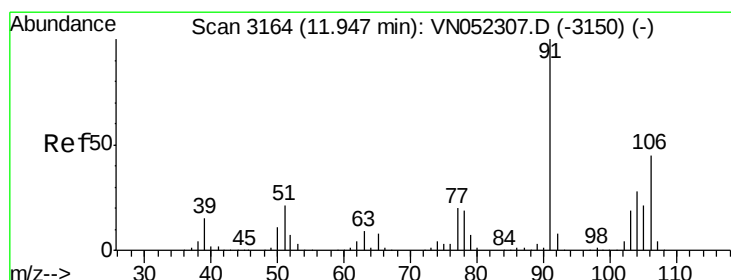
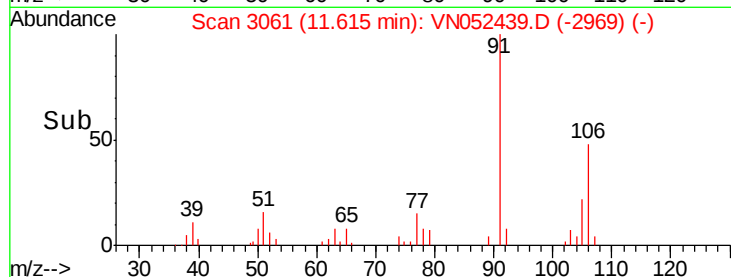
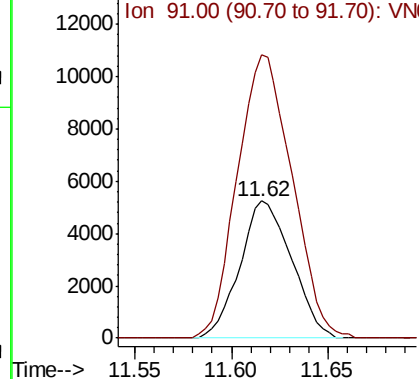
#68
m/p-Xylenes
Concen: 1.558 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 9749
Ion Ratio Lower Upper
106 100
91 218.3 165.5 248.3

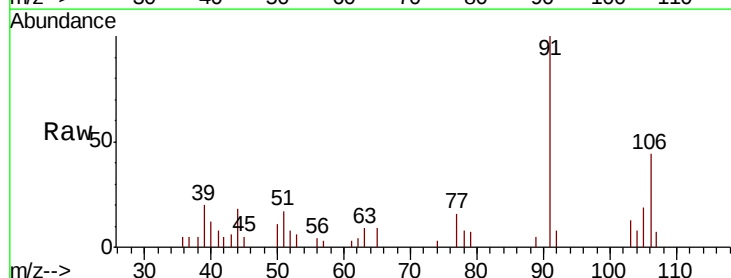


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

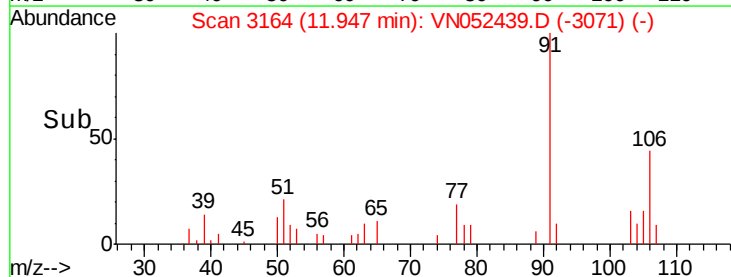
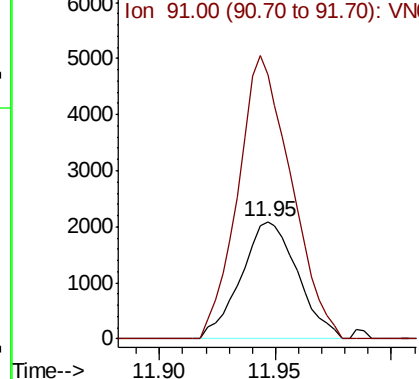


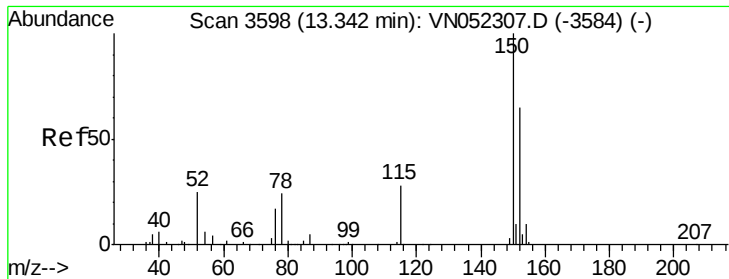
#69
o-Xylene
Concen: 0.591 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion:106 Resp: 3545
Ion Ratio Lower Upper
106 100
91 227.1 110.0 330.0



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



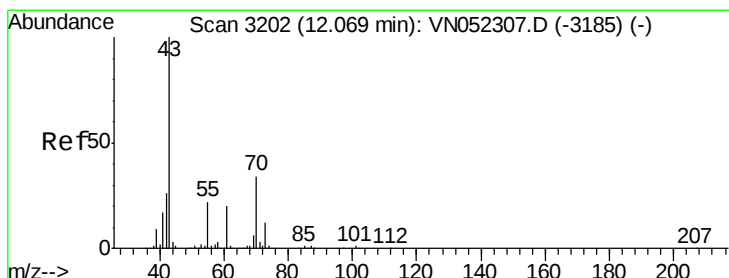
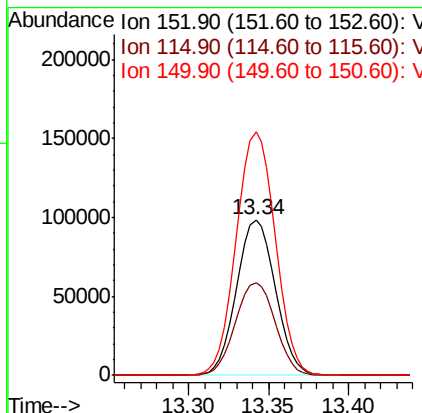
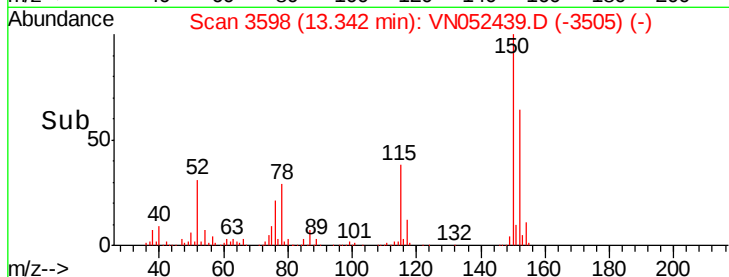
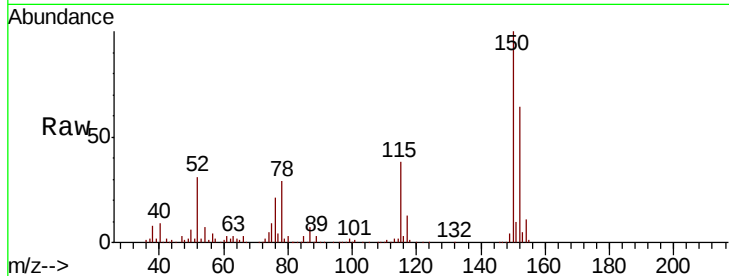


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

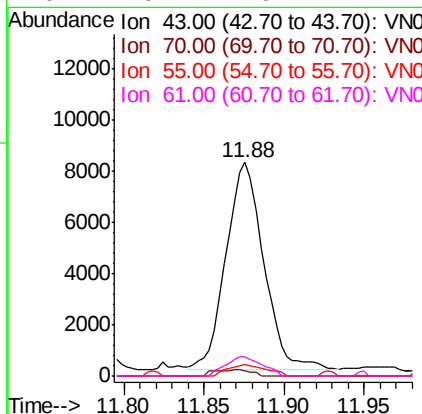
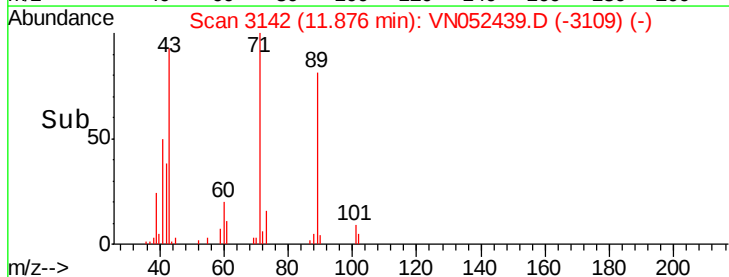
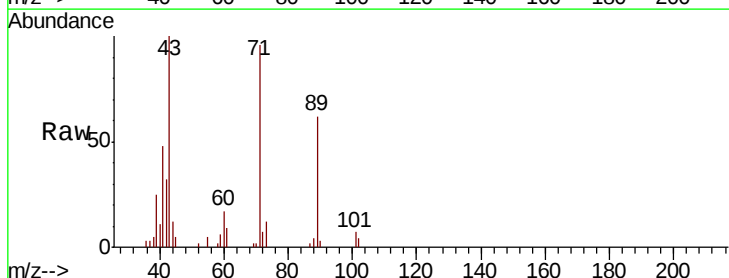
Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.3	91.0
150	157.8	0.0	348.2

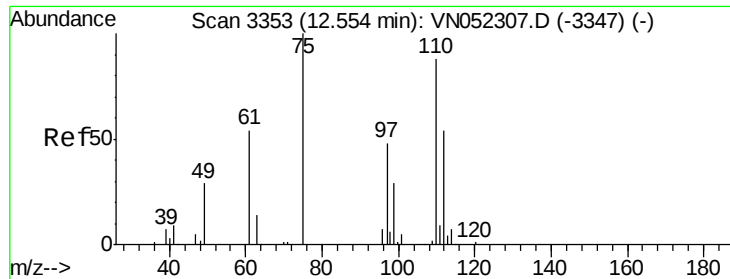


#74

N-ethyl acetate
Concen: 2.796 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	2.9	27.1	40.7#
55	5.6	17.4	26.0#
61	9.1	16.1	24.1#





#76

1,2,3-Trichloropropane

Concen: 44.358 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

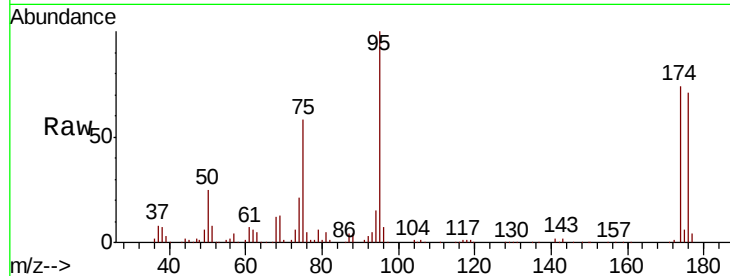
ClientSampled :

Tot Ion: 75 Resp: 122347

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052307.D (-3347) (-)

12.40

80000

60000

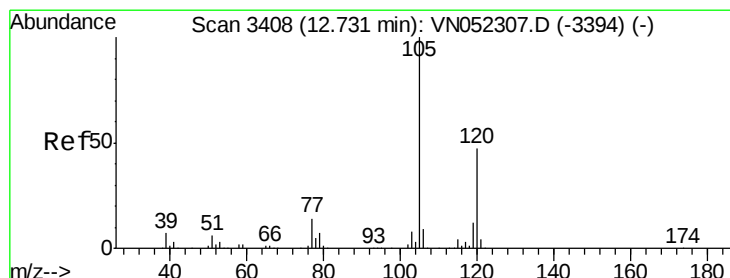
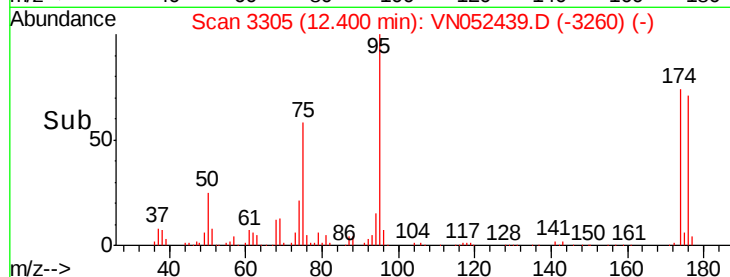
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.313 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052439.D

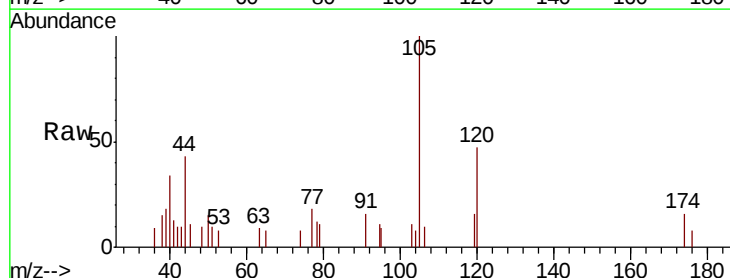
Acq: 21 Nov 2018 15:37

Tgt Ion: 105 Resp: 3251

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)

12.73

2000

1500

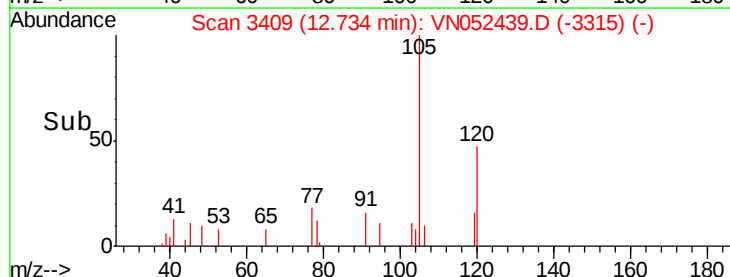
1000

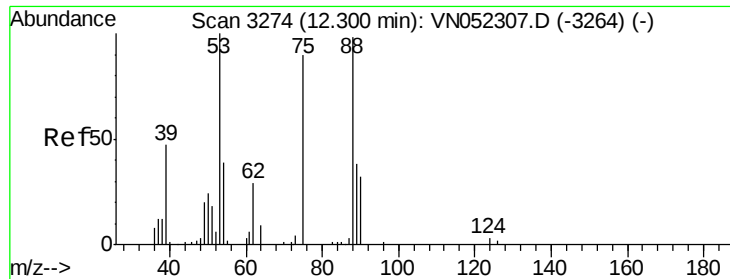
500

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 143.869 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052439.D

Acq: 21 Nov 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

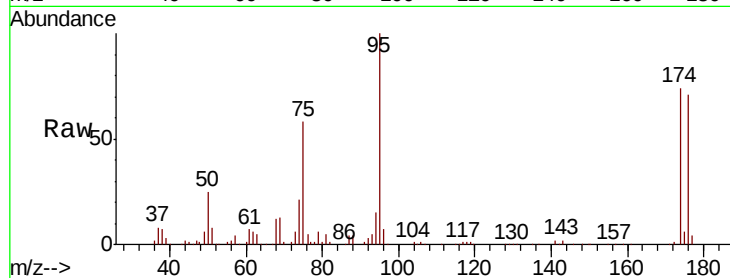
Tot Ion: 75 Resp: 122347

Ion Ratio Lower Upper

75 100

53 0.1 90.2 135.2#

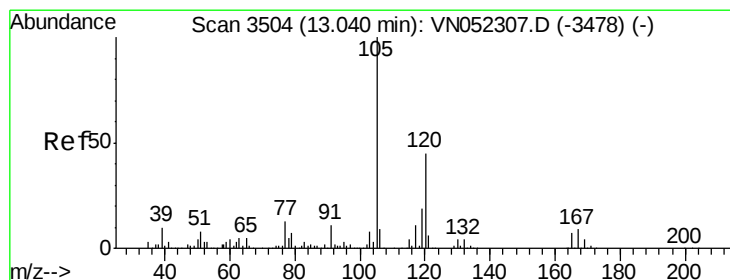
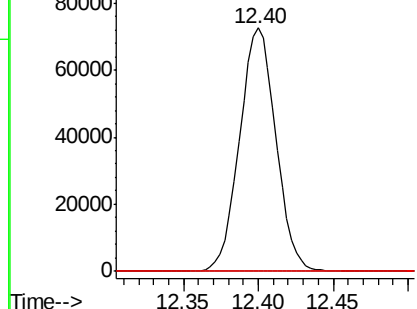
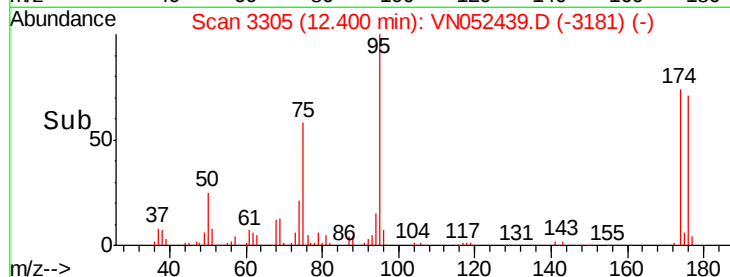
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052439.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052439.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052439.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.442 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052439.D

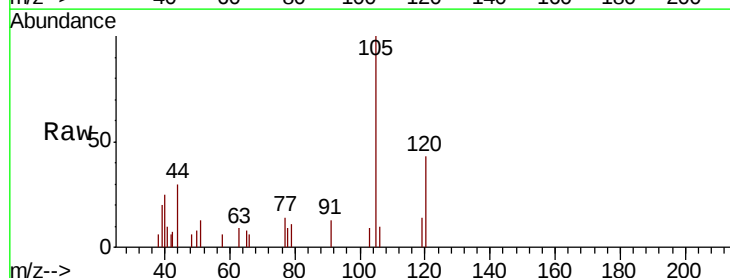
Acq: 21 Nov 2018 15:37

Tgt Ion:105 Resp: 4616

Ion Ratio Lower Upper

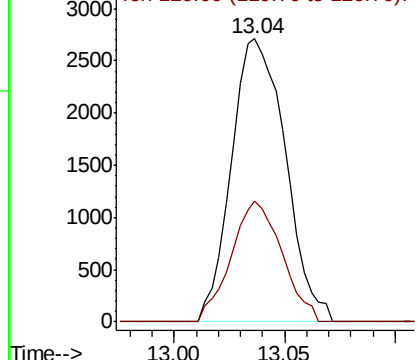
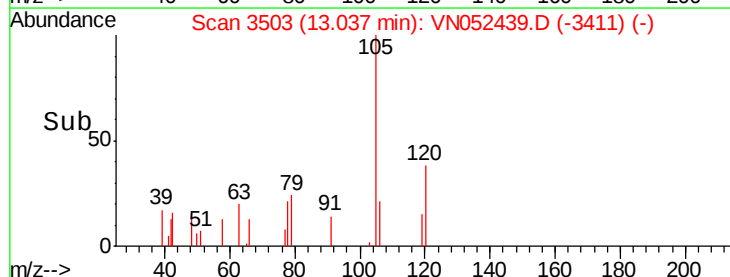
105 100

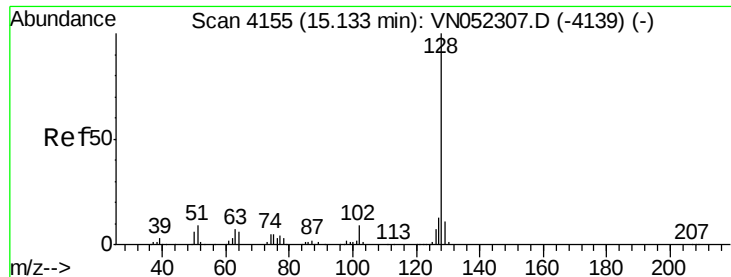
120 40.2 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): VN052439.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN052439.D (-3411) (-)

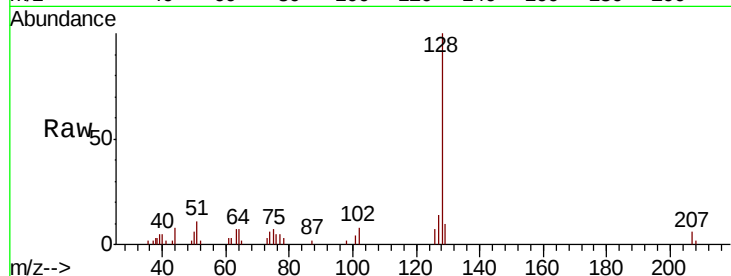




#95
Naphthalene
Concen: 5.599 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052439.D
Acq: 21 Nov 2018 15:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.3	8.6	13.0



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

