

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052556.D
 Acq On : 29 Nov 2018 11:18
 Operator : MD\SY
 Sample : J6073-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-2

Quant Time: Nov 30 00:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1386666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2099204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1811208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	740719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	725304	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.59	113	648329	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	2541805	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	812728	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.76	59	639	0.845	ug/l #	73
13) Acrolein	3.61	56	212	33.614	ug/l #	14
14) Allyl chloride	4.55	41	21024	0.939	ug/l #	27
16) Acetone	3.82	43	96987	24.354	ug/l	99
17) Carbon Disulfide	4.06	76	15751	0.385	ug/l	98
18) Methyl Acetate	4.33	43	3667	0.321	ug/l #	65
20) Methylene Chloride	4.56	84	556749	35.726	ug/l	99
25) 2-Butanone	6.84	43	37128	6.578	ug/l	96
29) Tetrahydrofuran	7.22	42	2199	0.604	ug/l #	58
31) Cyclohexane	7.67	56	24495	0.581	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	93638	4.724	ug/l #	50
37) Ethyl Acetate	6.84	43	37128	3.069	ug/l #	69
38) Carbon Tetrachloride	7.67	117	121157	6.751	ug/l #	15
43) Isopropyl Acetate	8.17	43	39503	1.929	ug/l #	87
48) Methyl methacrylate	9.18	41	17575	1.646	ug/l #	22
49) 1,4-Dioxane	9.26	88	121	1.092	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	96786	8.426	ug/l	96
52) Toluene	10.16	92	3513171	100.089	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	39124	2.151	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	106823	4.902	ug/l #	63
56) Ethyl methacrylate	10.43	69	194	2.704	ug/l #	25
57) 1,3-Dichloropropane	10.77	76	18493	0.848	ug/l #	43
59) 2-Hexanone	10.77	43	268842	34.871	ug/l #	53
67) Ethyl Benzene	11.51	91	44555	0.681	ug/l	97
68) m/p-Xylenes	11.62	106	90979	3.737	ug/l	96
69) o-Xylene	11.95	106	75796	3.206	ug/l	99
71) Bromoform	12.40	173	4538	0.528	ug/l #	1
73) Isopropylbenzene	12.25	105	19447	0.335	ug/l	100
74) N-amyl acetate	12.03	43	6871	0.468	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	388148	33.982	ug/l #	100
78) n-propylbenzene	12.59	91	52270	0.792	ug/l	99
79) 2-Chlorotoluene	12.66	91	55911	1.422	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	195508	4.218	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	388148	113.483	ug/l #	11

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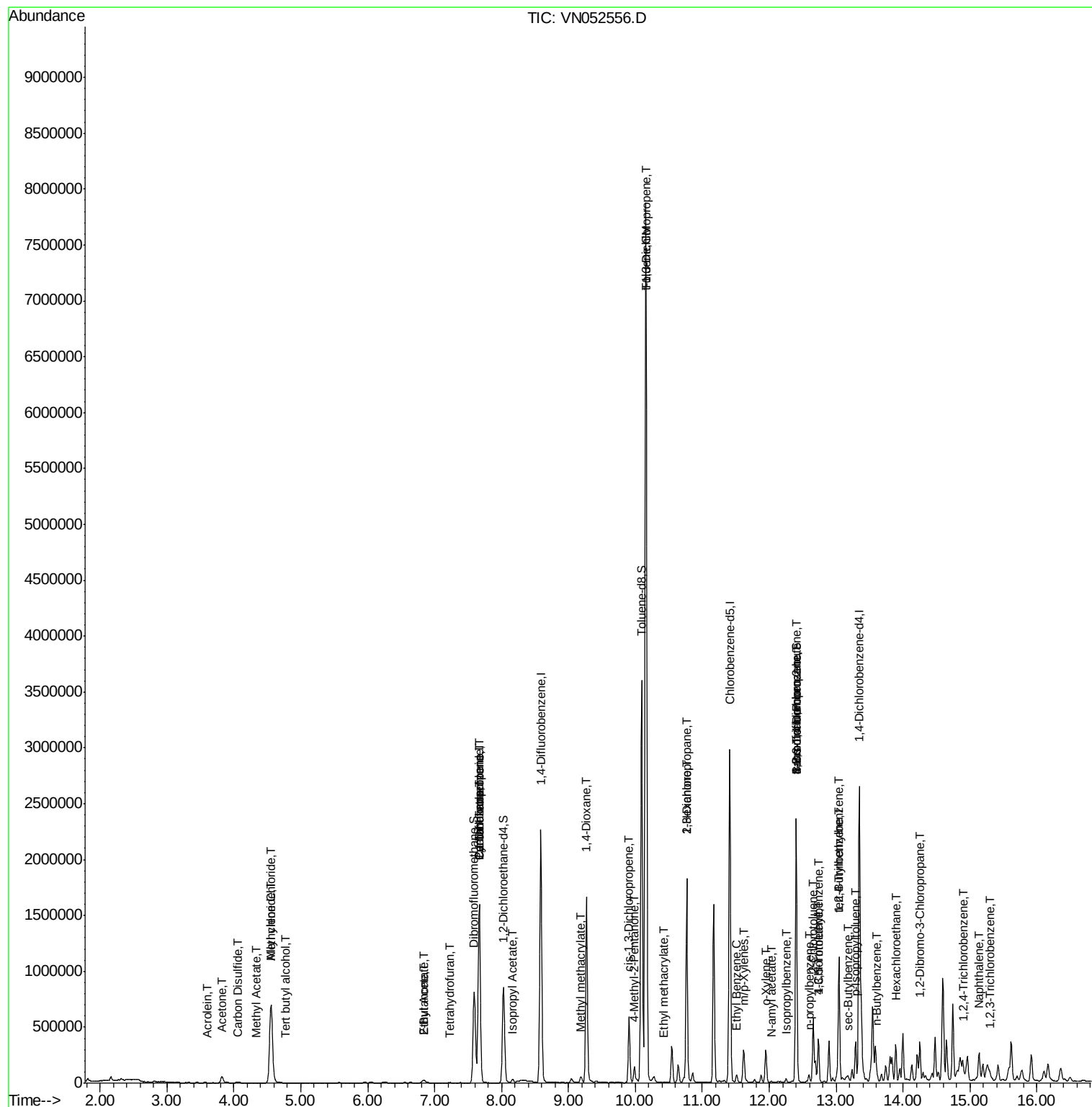
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.73	91	17737	0.448	ug/l #	41
83) tert-Butylbenzene	13.04	119	81099	1.963	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	653031	14.059	ug/l	100
85) sec-Butylbenzene	13.17	105	25125	0.446	ug/l	89
86) p-Isopropyltoluene	13.29	119	198141	4.134	ug/l	99
89) n-Butylbenzene	13.62	91	19821	0.497	ug/l #	56
90) Hexachloroethane	13.89	117	16668	2.054	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1512	0.800	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1256	2.920	ug/l #	1
95) Naphthalene	15.14	128	211327	10.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	685	2.780	ug/l #	78

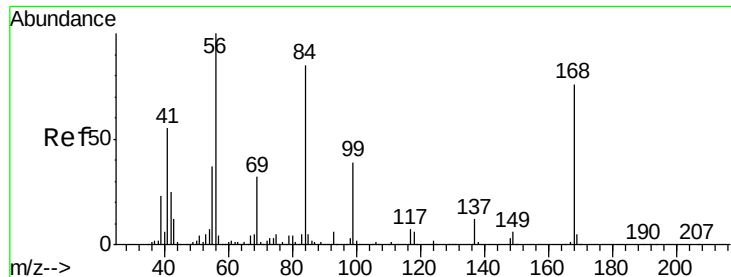
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

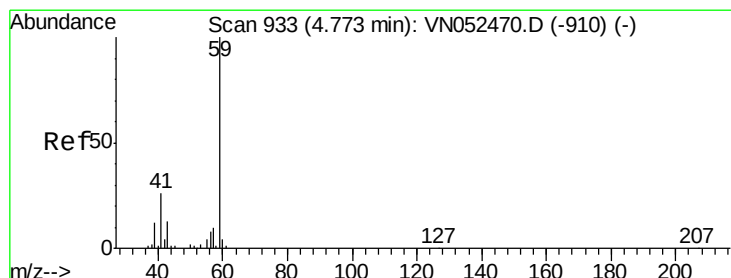
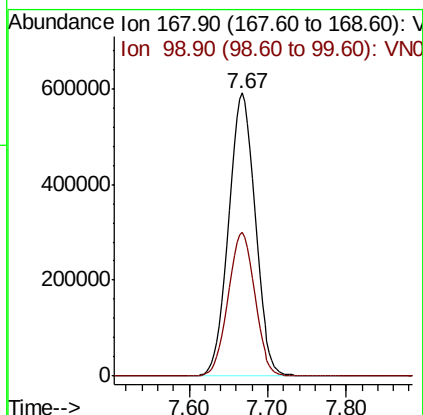
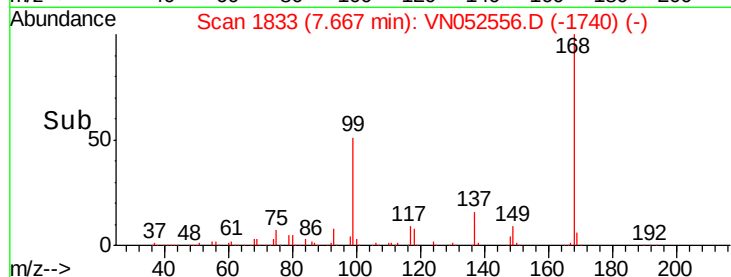
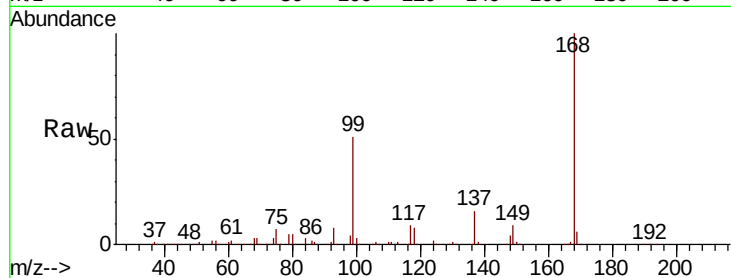
OVS-2

Tot Ion:168 Resp: 1386666

Ion Ratio Lower Upper

168 100

99 50.7 41.7 62.5



#11

Tert butyl alcohol

Concen: 0.845 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN052556.D

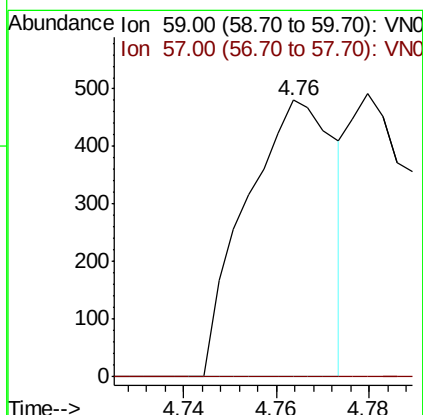
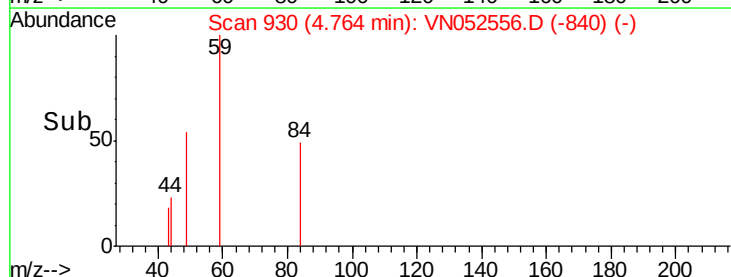
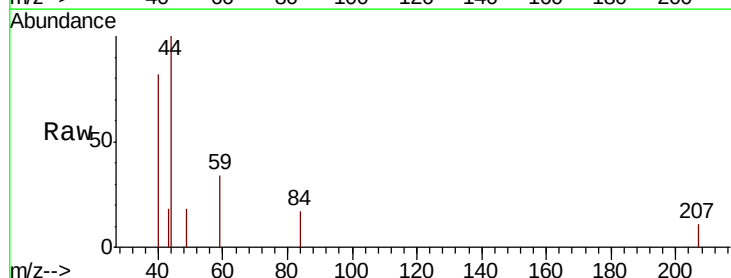
Acq: 29 Nov 2018 11:18

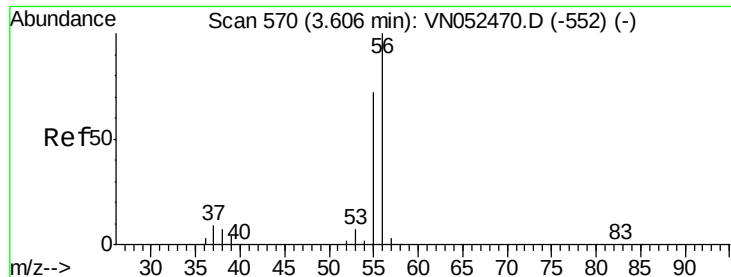
Tgt Ion: 59 Resp: 639

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 33.614 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

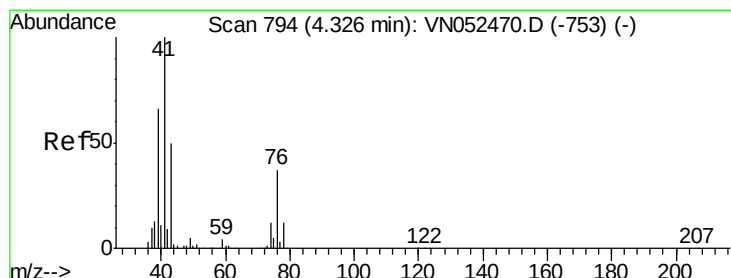
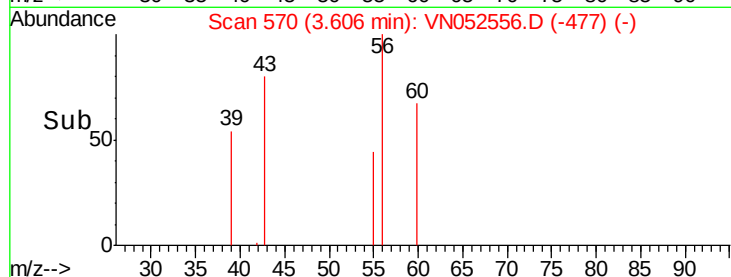
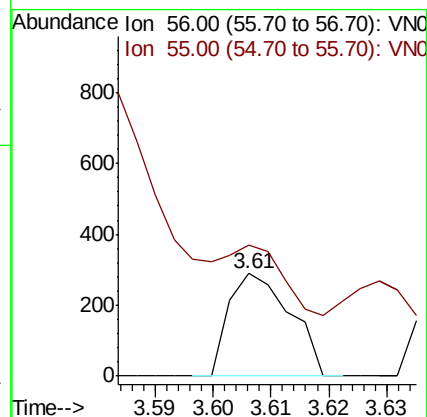
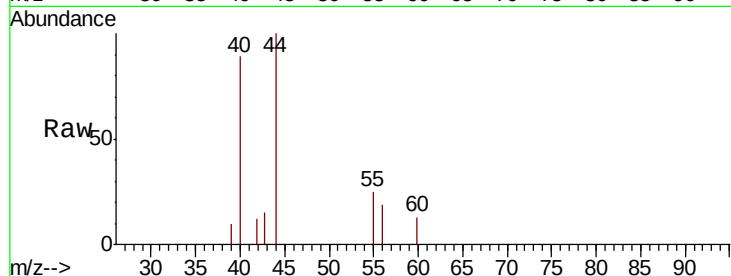
OVS-2

Tot Ion: 56 Resp: 212

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#14

Allyl chloride

Concen: 0.939 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

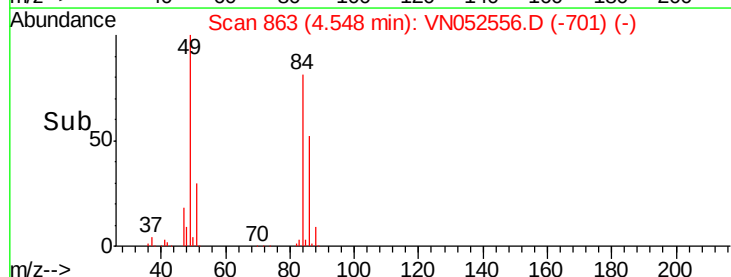
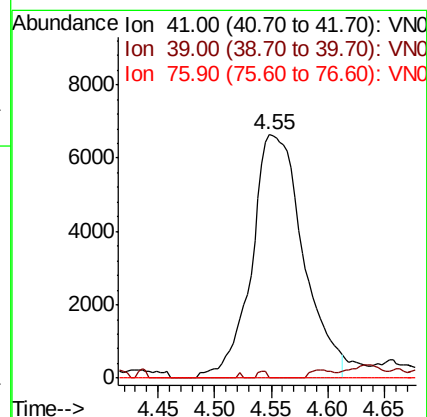
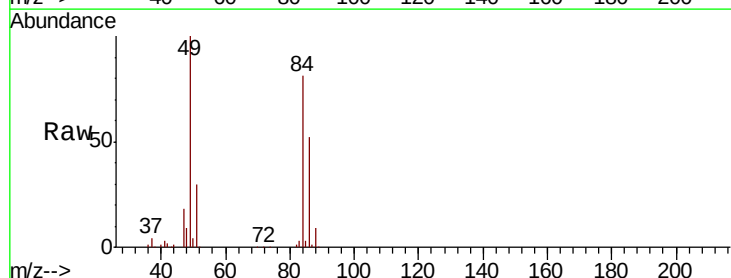
Tgt Ion: 41 Resp: 21024

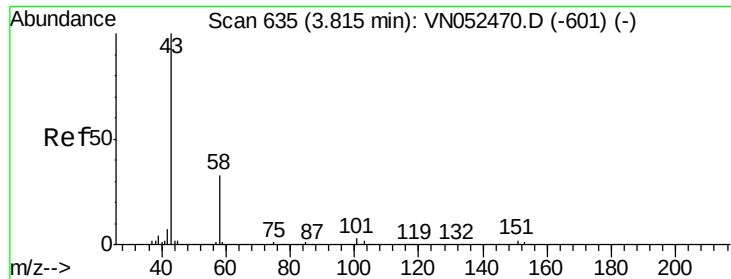
Ion Ratio Lower Upper

41 100

39 0.5 50.6 76.0#

76 0.0 27.4 41.2#

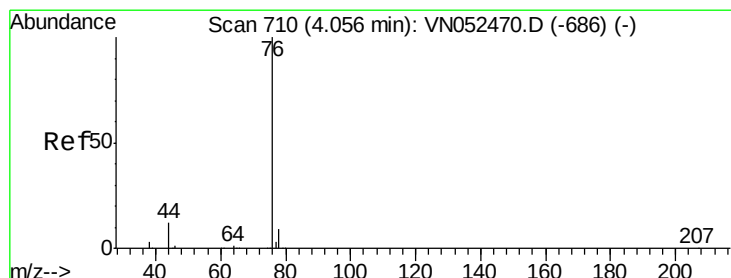
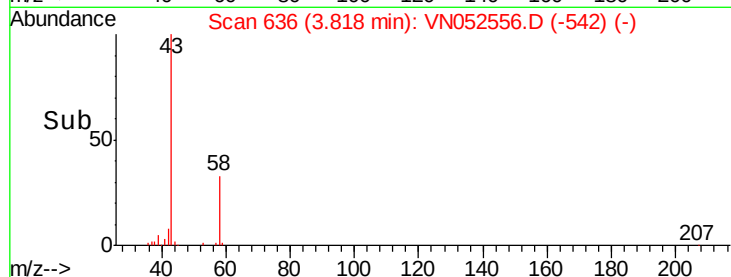
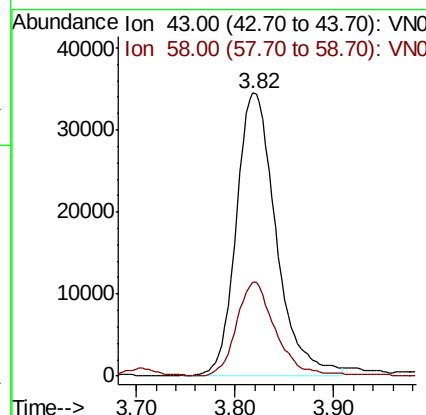
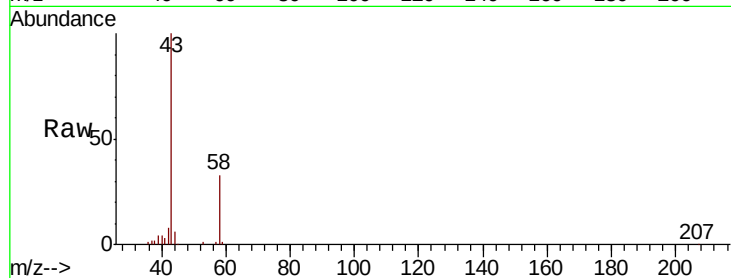




#16
Acetone
Concen: 24.354 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

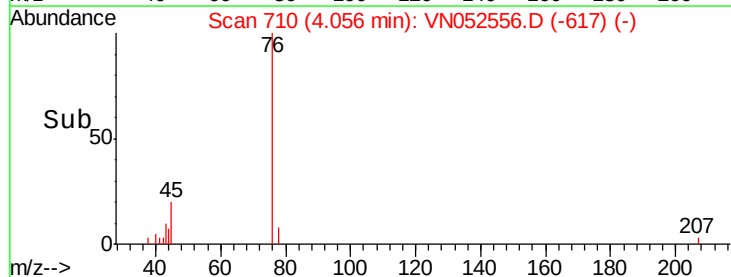
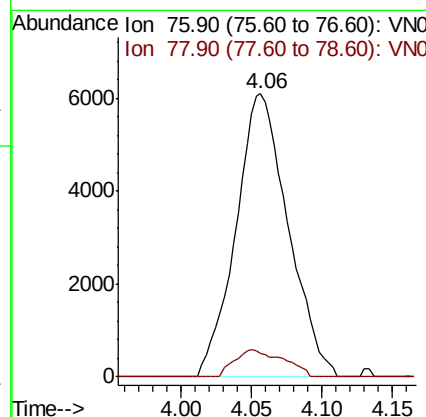
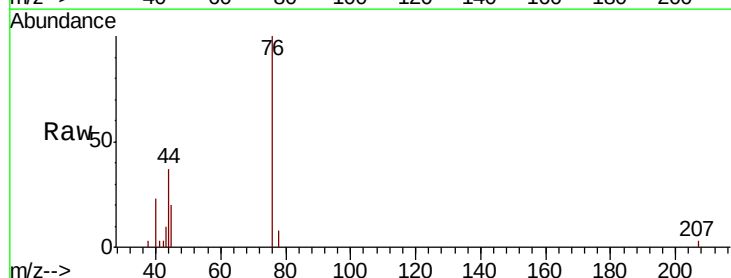
Instrument :
MSVOA_N
ClientSampleId :
OWS-2

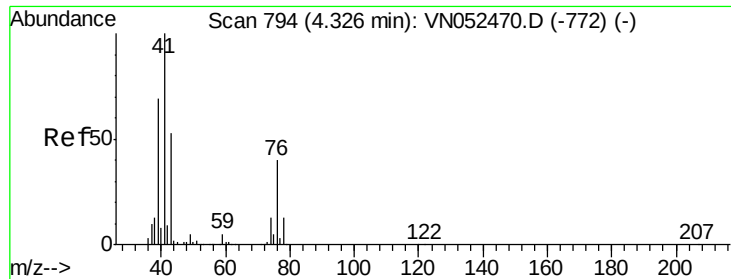
Tot Ion: 43 Resp: 96987
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0



#17
Carbon Disulfide
Concen: 0.385 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 76 Resp: 15751
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





#18

Methyl Acetate

Concen: 0.321 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

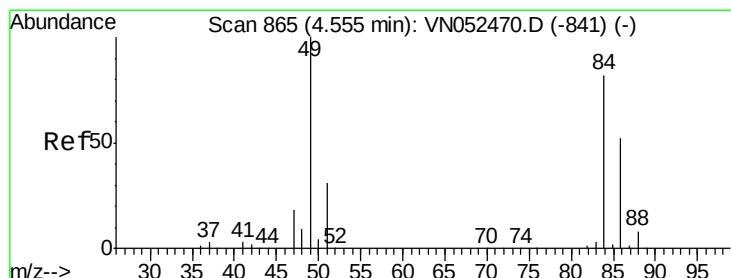
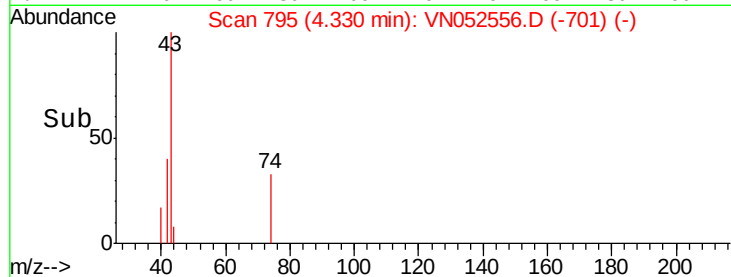
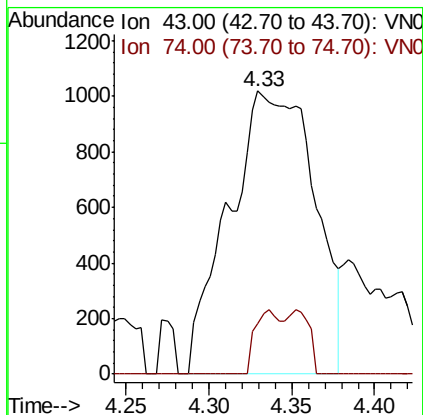
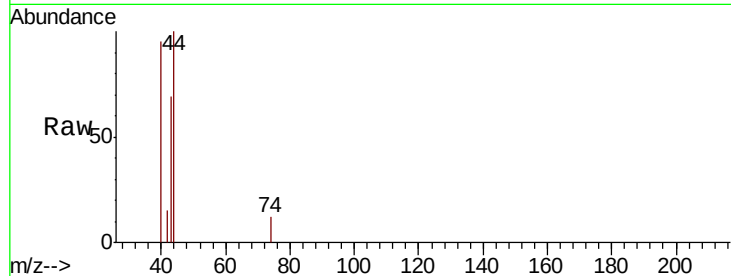
OVS-2

Tot Ion: 43 Resp: 3667

Ion Ratio Lower Upper

43 100

74 6.2 18.6 27.8#



#20

Methylene Chloride

Concen: 35.726 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Tgt Ion: 84 Resp: 556749

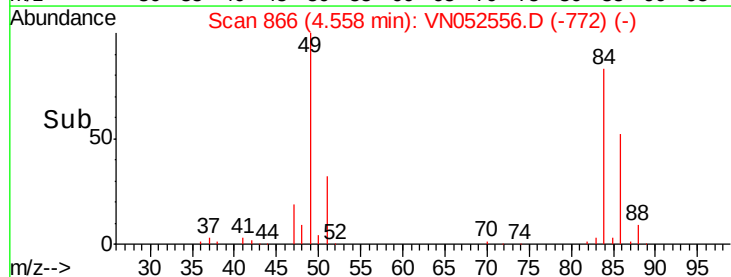
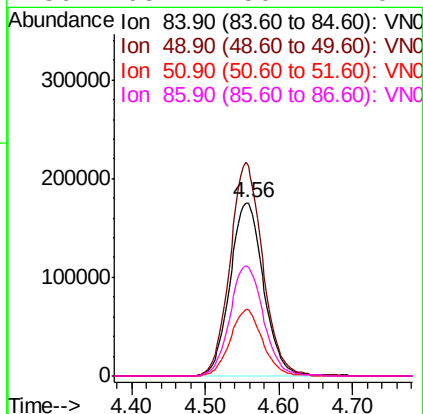
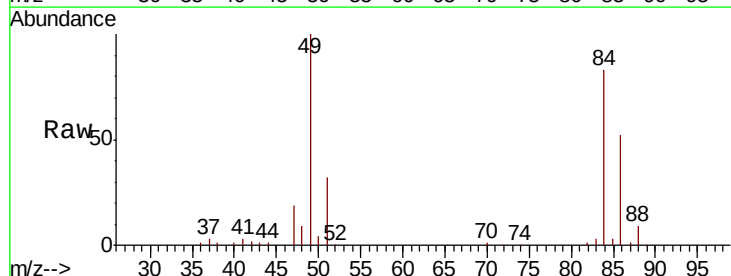
Ion Ratio Lower Upper

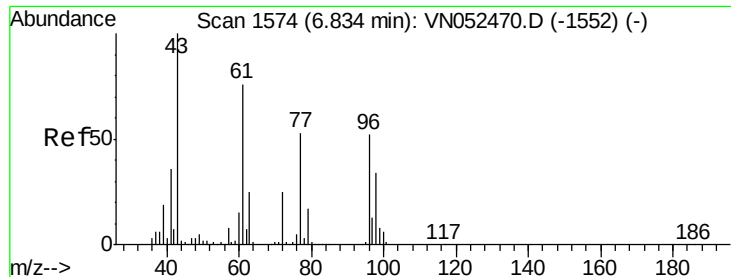
84 100

49 121.1 98.0 147.0

51 38.2 30.1 45.1

86 63.2 50.7 76.1

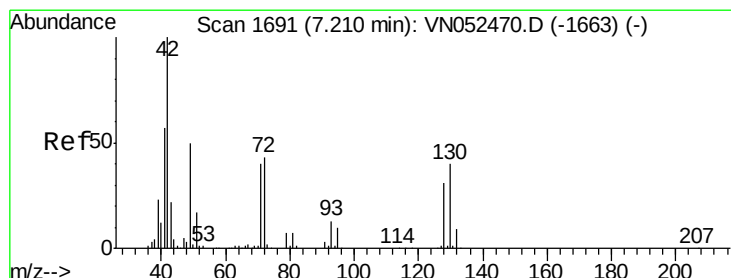
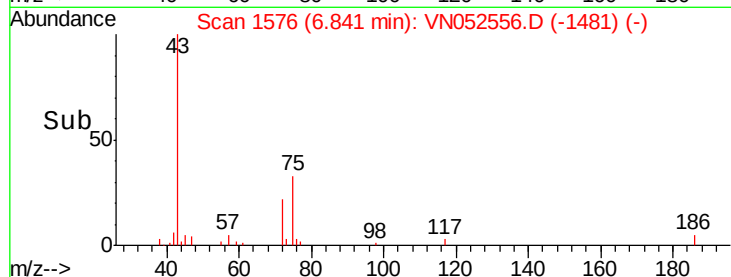
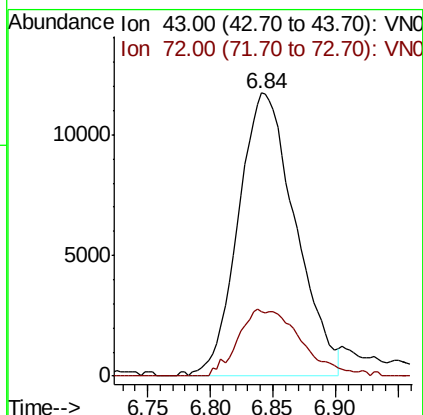
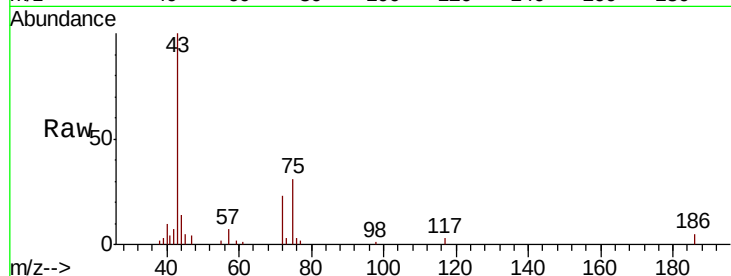




#25
2-Butanone
Concen: 6.578 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

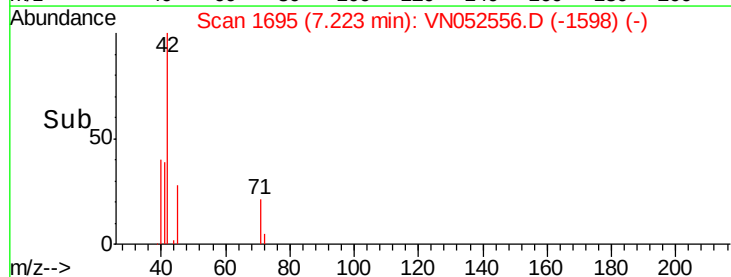
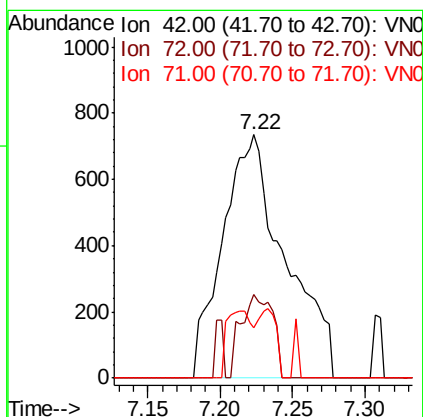
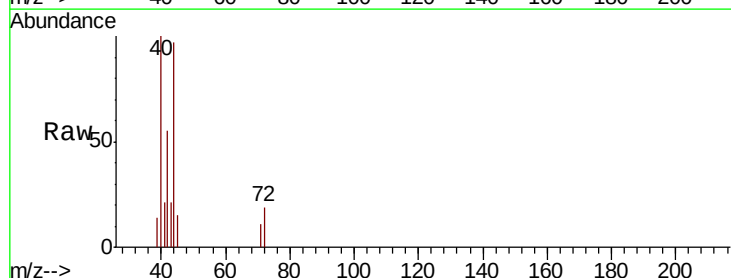
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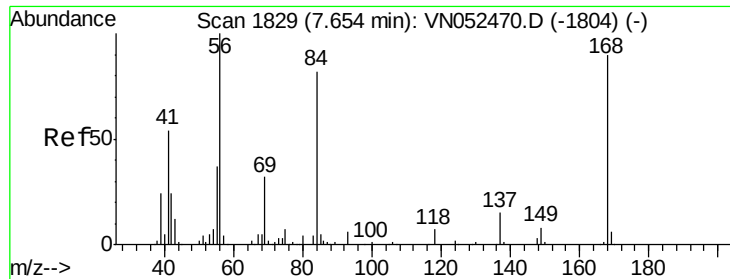
Tot Ion: 43 Resp: 37128
Ion Ratio Lower Upper
43 100
72 22.9 20.1 30.1



#29
Tetrahydrofuran
Concen: 0.604 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 42 Resp: 2199
Ion Ratio Lower Upper
42 100
72 17.7 33.3 49.9#
71 11.3 32.0 48.0#

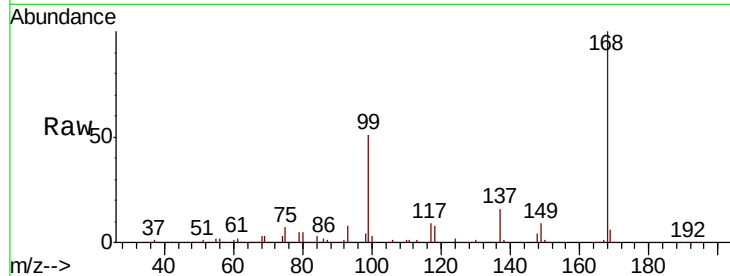




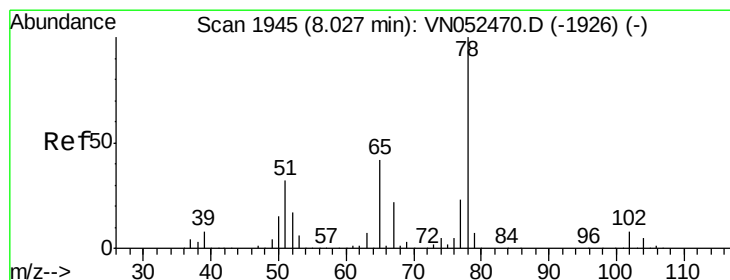
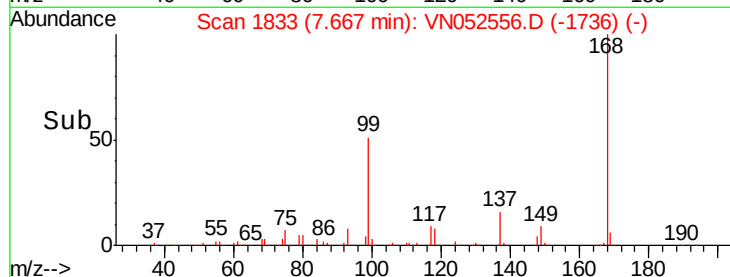
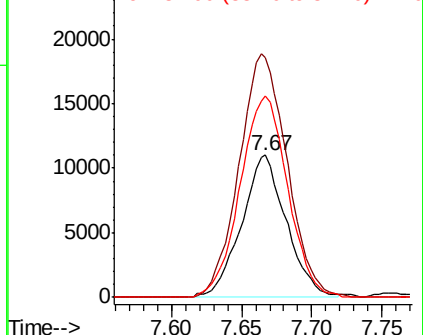
#31
Cyclohexane
Concen: 0.581 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Instrument :
MSVOA_N
ClientSampled :
OWS-2

Tot Ion: 56 Resp: 24495
Ion Ratio Lower Upper
56 100
69 168.7 25.8 38.6#
84 142.2 65.3 97.9#

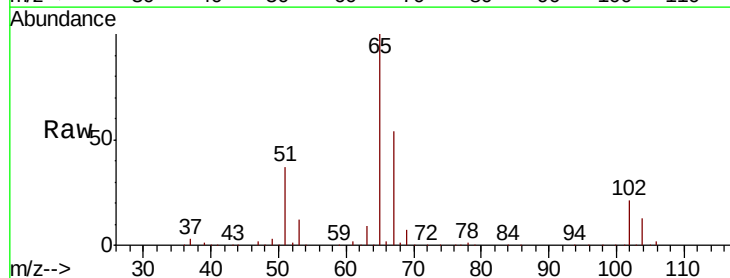


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

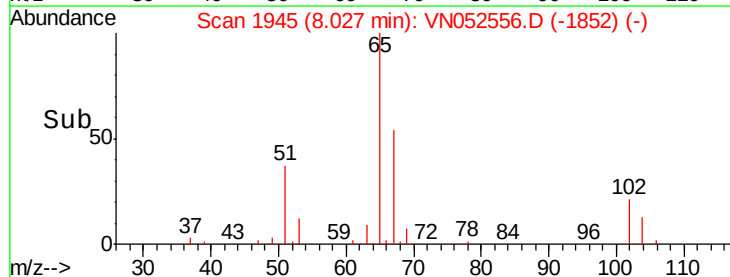
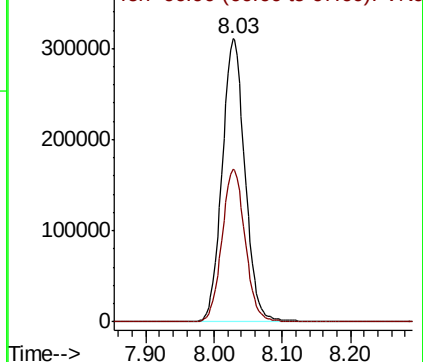


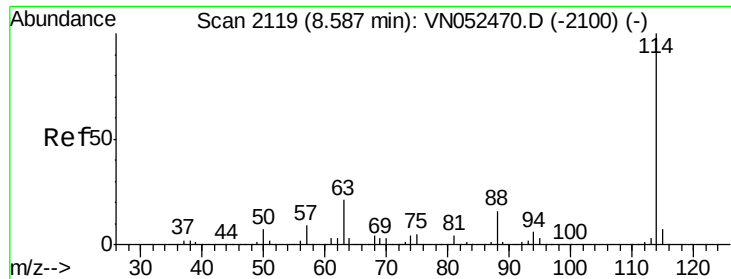
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 65 Resp: 725304
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8



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

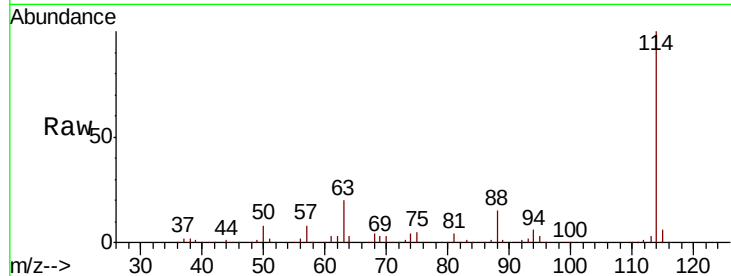




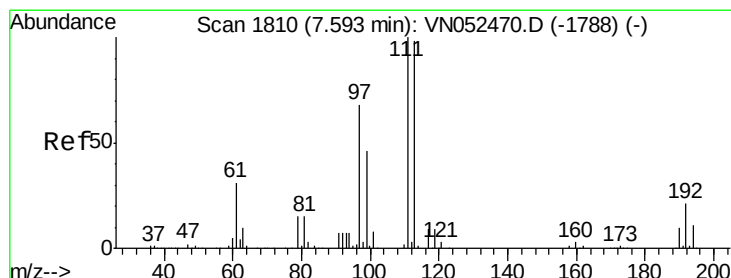
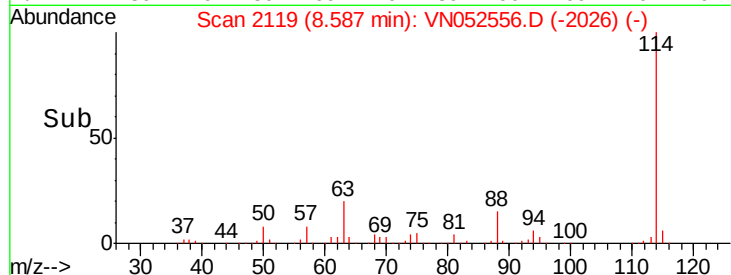
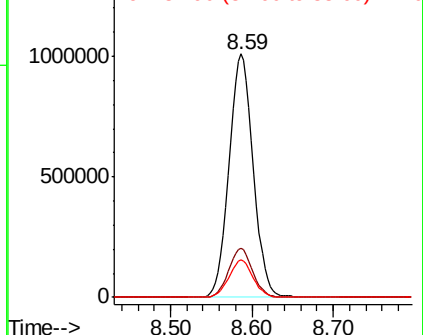
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Instrument :
 MSVOA_N
 ClientSampled :
 OWS-2

Tot Ion:114 Resp: 2099204
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

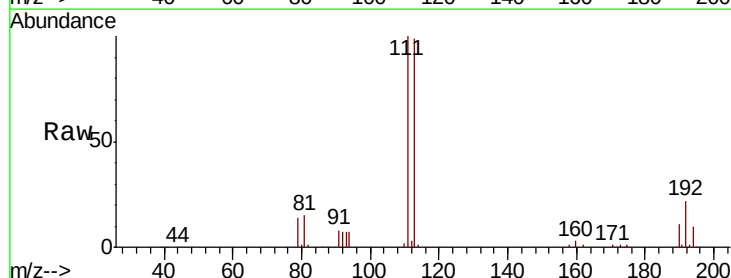


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

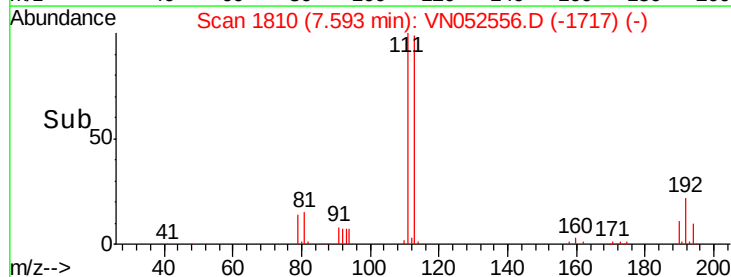
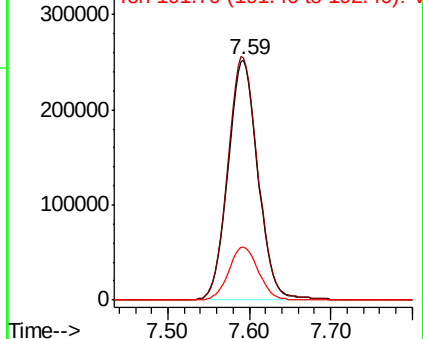


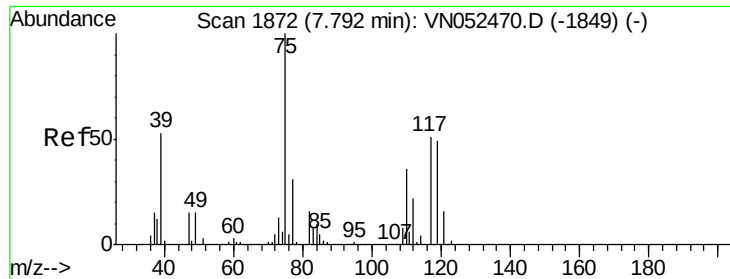
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Tgt Ion:113 Resp: 648329
 Ion Ratio Lower Upper
 113 100
 111 102.4 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: 4.724 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

OVS-2

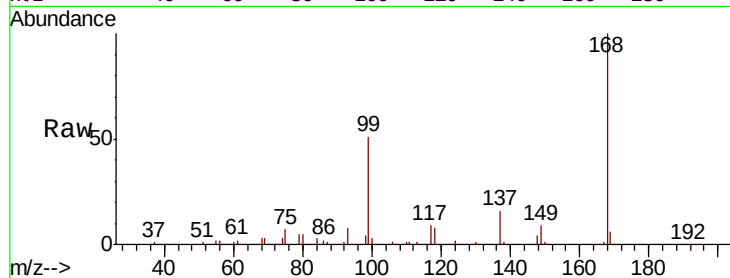
Tot Ion: 75 Resp: 93638

Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.6#

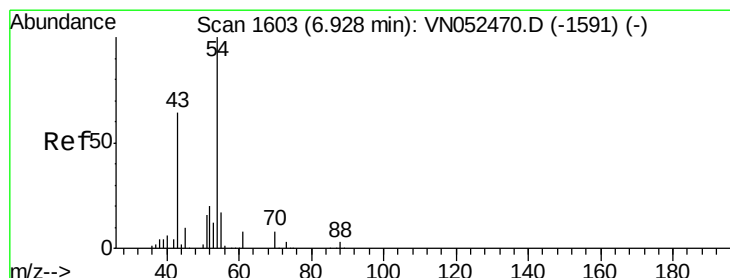
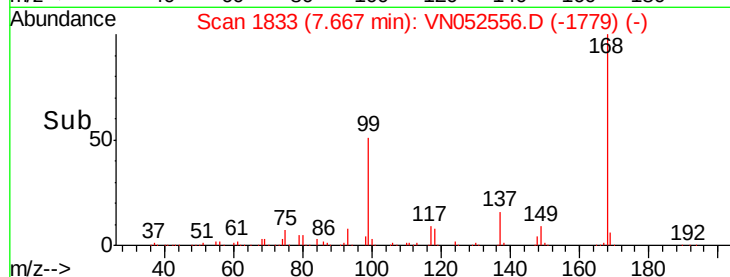
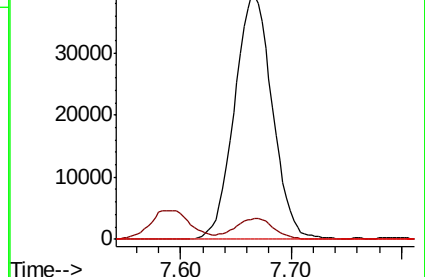
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052470.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-1849) (-)



#37

Ethyl Acetate

Concen: 3.069 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.09 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

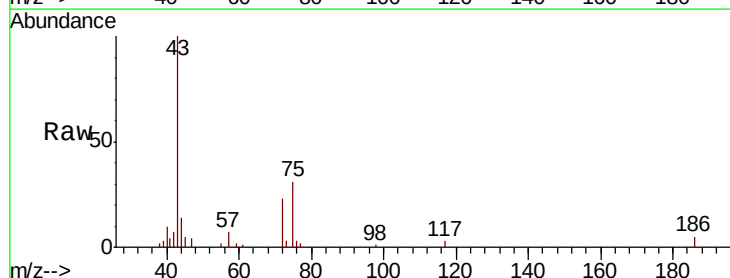
Tgt Ion: 43 Resp: 37128

Ion Ratio Lower Upper

43 100

61 1.1 11.8 17.8#

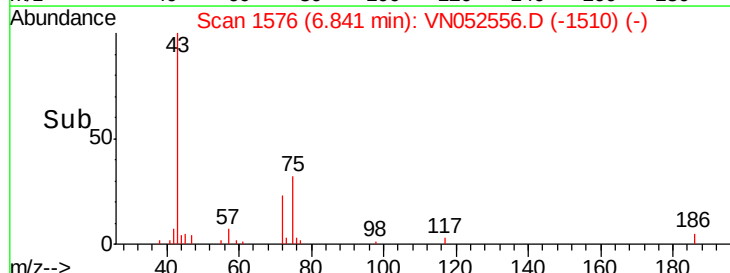
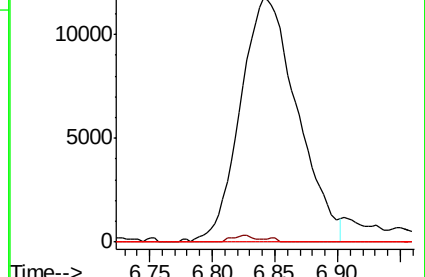
70 0.0 7.8 11.8#

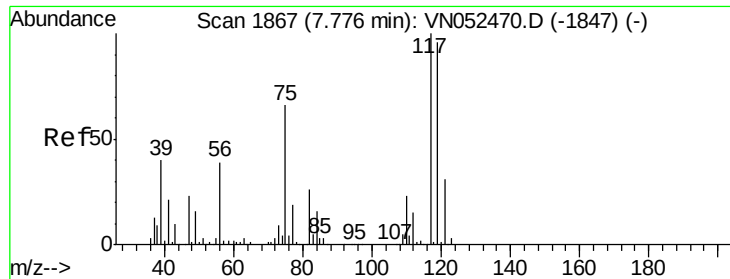


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1591) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1591) (-)

Ion 70.00 (69.70 to 70.70): VN052470.D (-1591) (-)





#38

Carbon Tetrachloride

Concen: 6.751 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

OVS-2

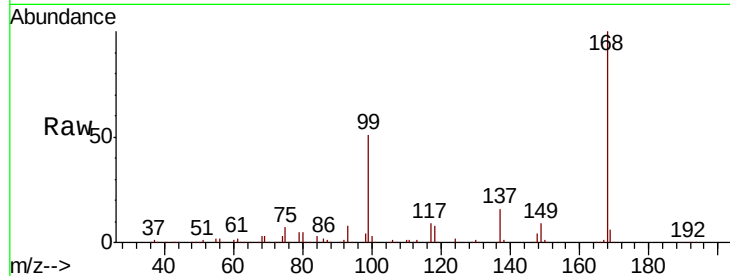
Tot Ion:117 Resp: 121157

Ion Ratio Lower Upper

117 100

119 4.4 76.8 115.2#

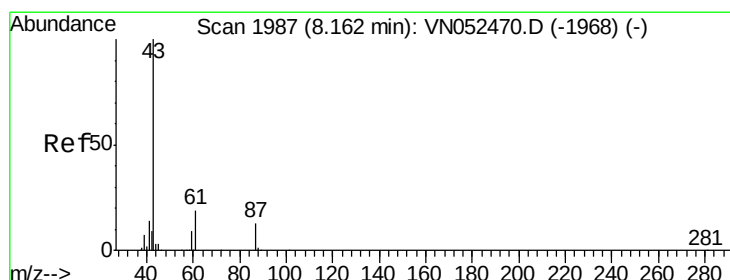
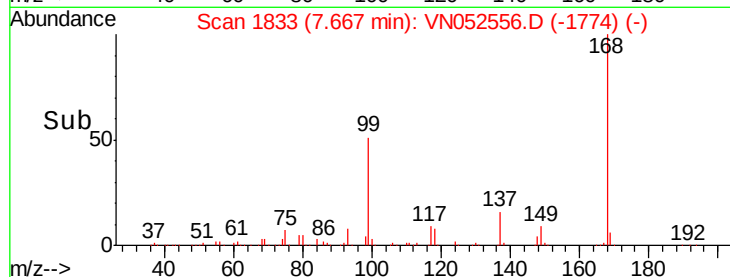
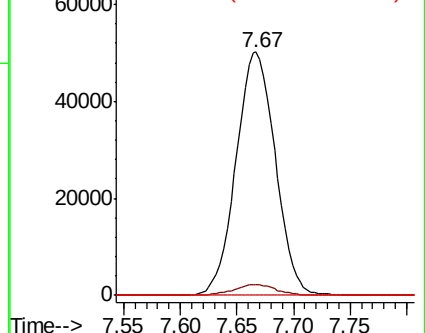
121 0.0 24.9 37.3#



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: 1.929 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

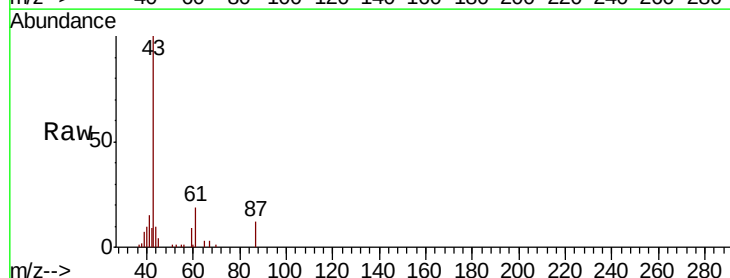
Tgt Ion: 43 Resp: 39503

Ion Ratio Lower Upper

43 100

61 20.2 24.1 36.1#

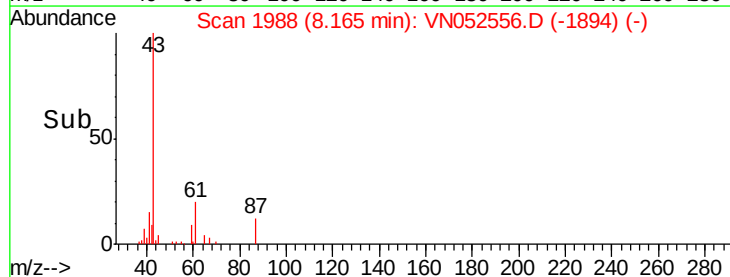
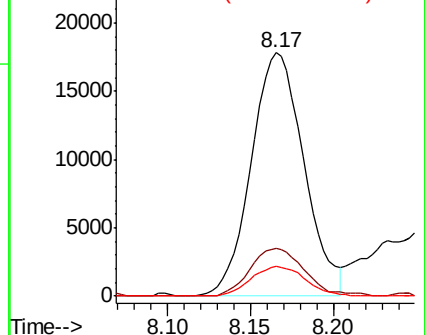
87 12.6 10.6 15.8

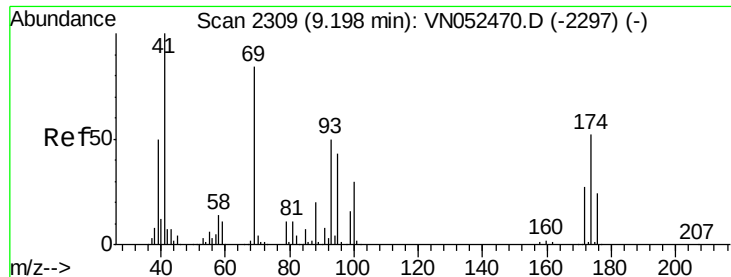


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

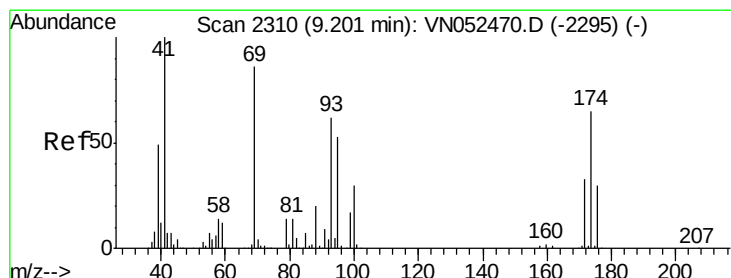
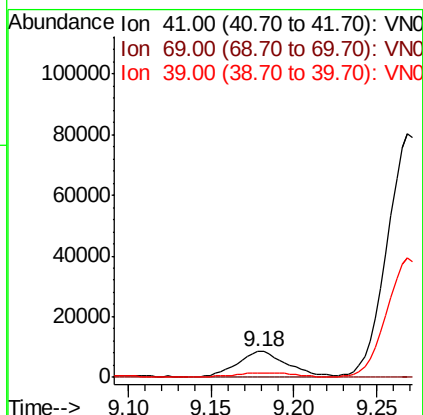
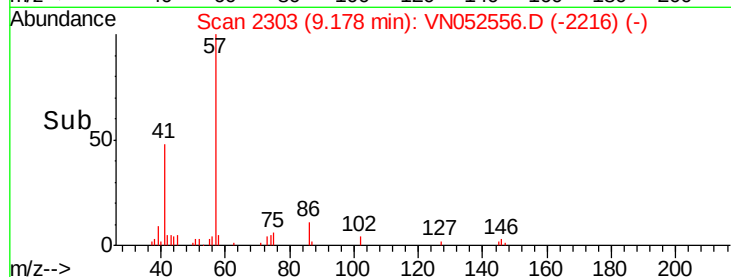
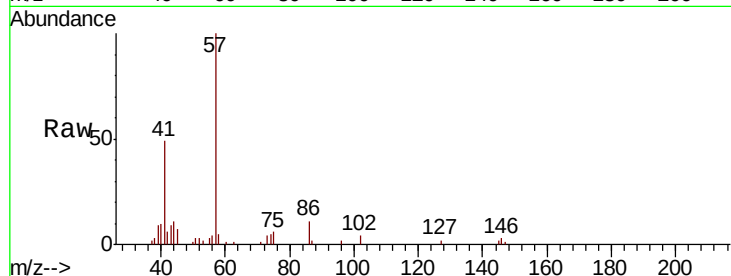




#48
Methvl methacrylate
Concen: 1.646 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

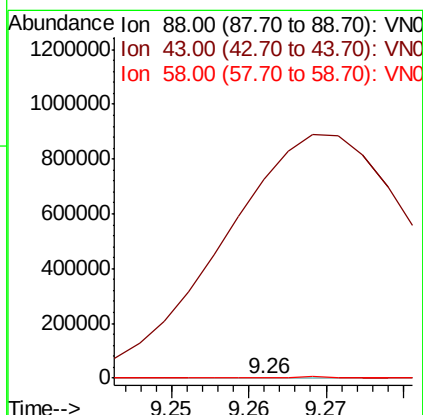
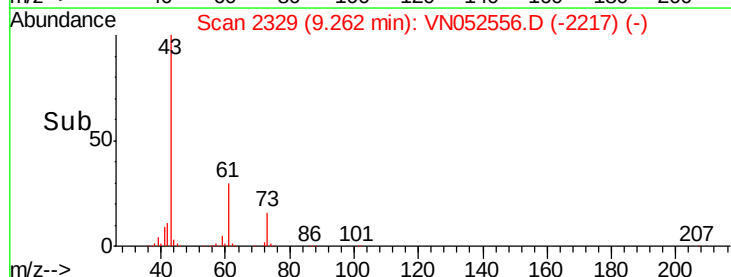
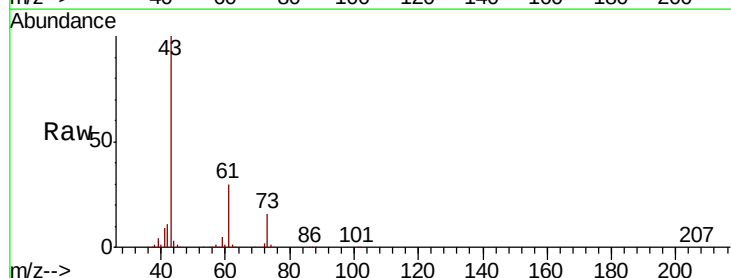
Instrument :
MSVOA_N
ClientSampled :
OWS-2

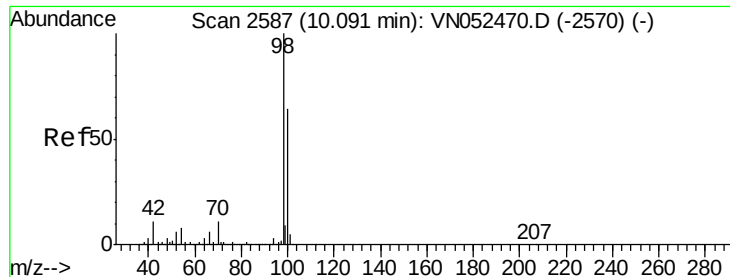
Tot Ion: 41 Resp: 17575
Ion Ratio Lower Upper
41 100
69 0.2 70.0 105.0#
39 16.0 42.6 64.0#



#49
1,4-Dioxane
Concen: 1.092 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 1377631.4 26.4 39.6#
58 6599.2 55.4 83.0#





#50

Toluene-d8

Concen: 1.092 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

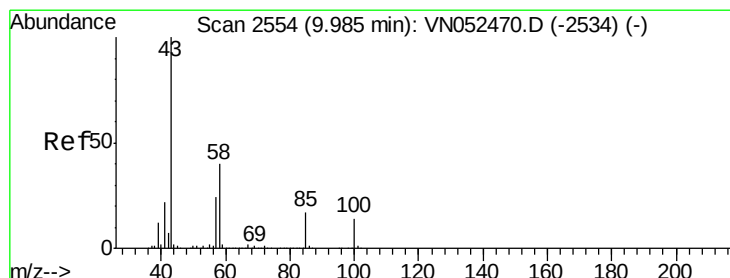
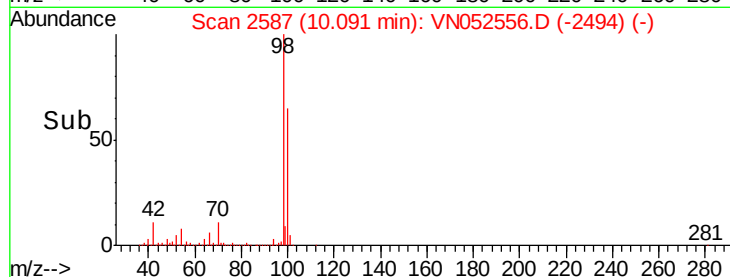
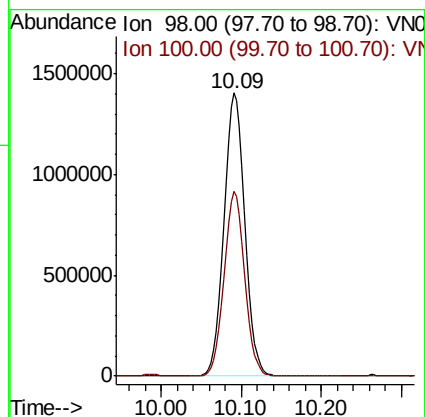
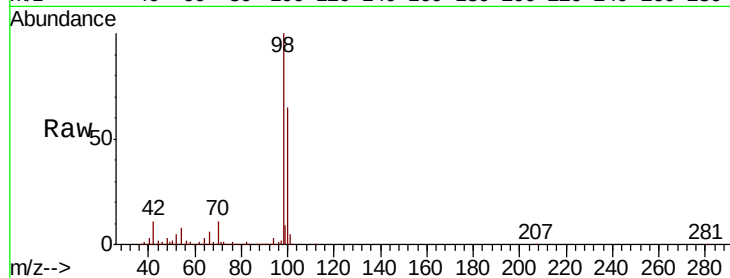
OVS-2

Tot Ion: 98 Resp: 2541805

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 8.426 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052556.D

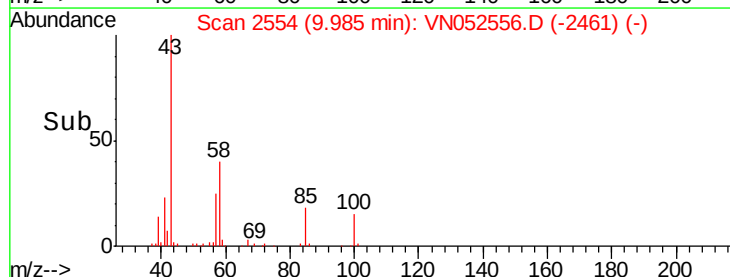
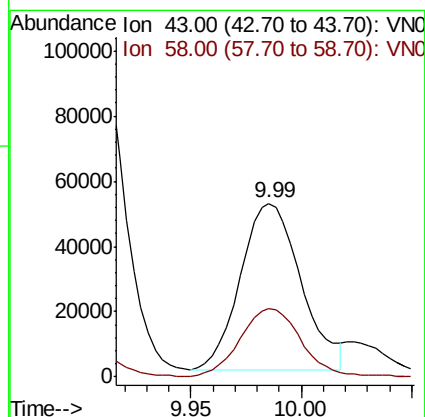
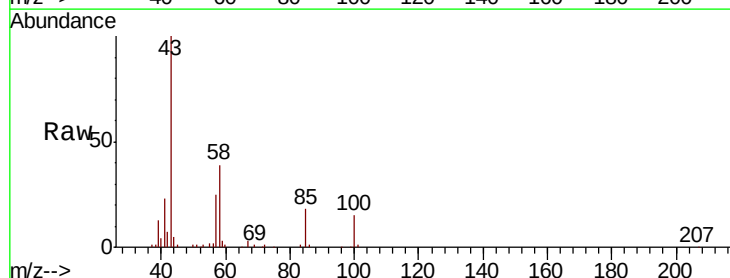
Acq: 29 Nov 2018 11:18

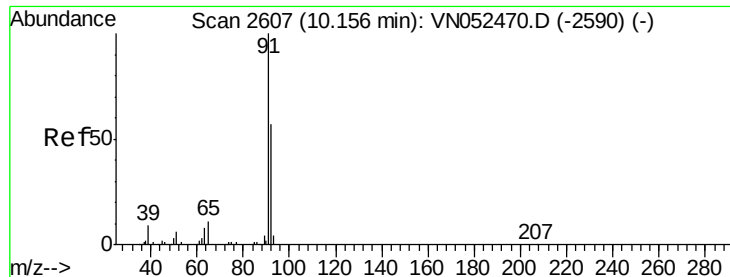
Tgt Ion: 43 Resp: 96786

Ion Ratio Lower Upper

43 100

58 41.9 31.5 47.3





#52

Toluene

Concen: 100.089 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

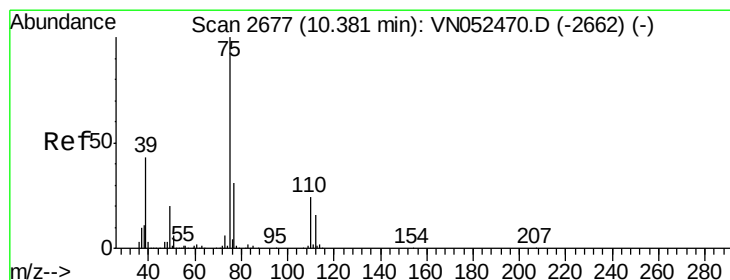
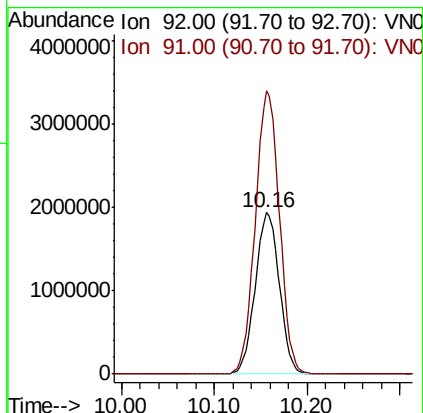
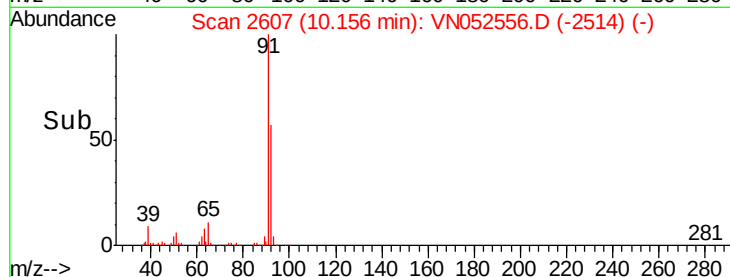
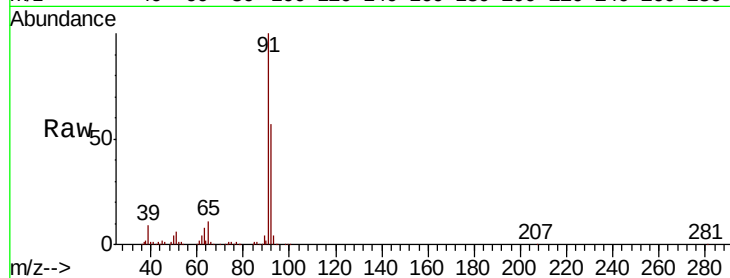
OWS-2

Tot Ion: 92 Resp: 3513171

Ion Ratio Lower Upper

92 100

91 175.2 141.0 211.4



#53

t-1,3-Dichloropropene

Concen: 2.151 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN052556.D

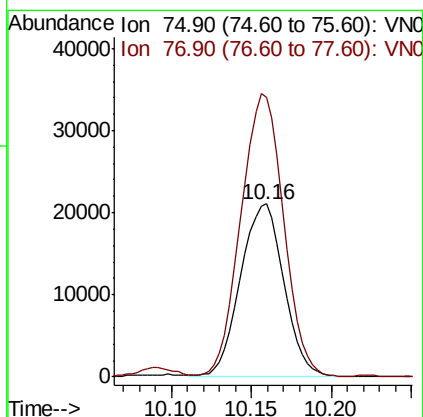
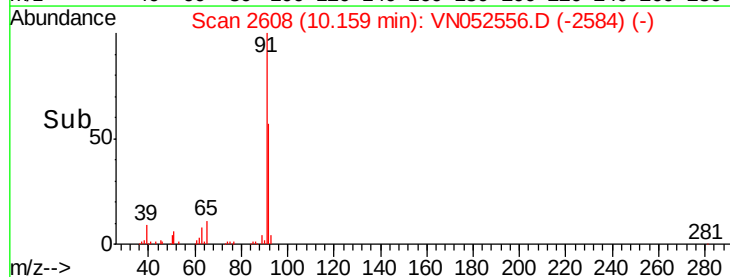
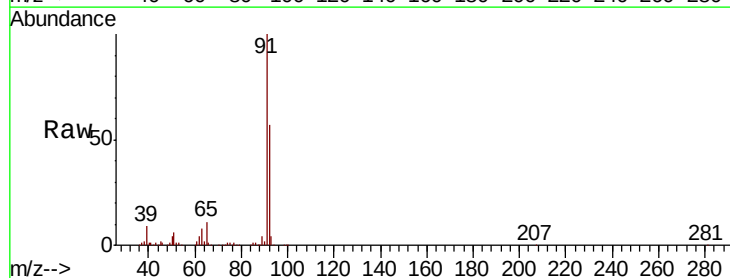
Acq: 29 Nov 2018 11:18

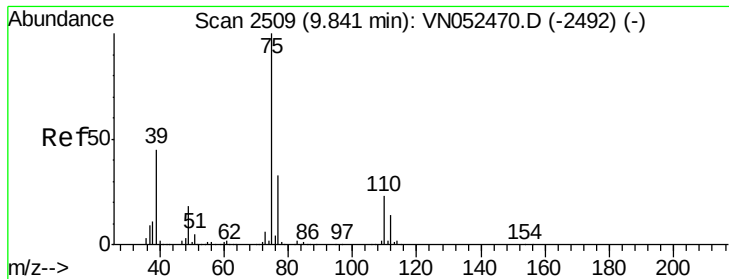
Tgt Ion: 75 Resp: 39124

Ion Ratio Lower Upper

75 100

77 162.0 25.0 37.4#





#54

cis-1,3-Dichloropropene

Concen: 4.902 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

OWS-2

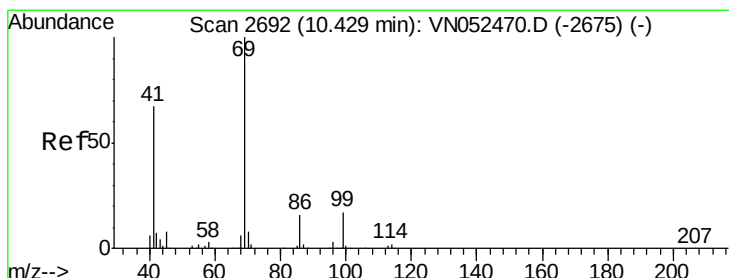
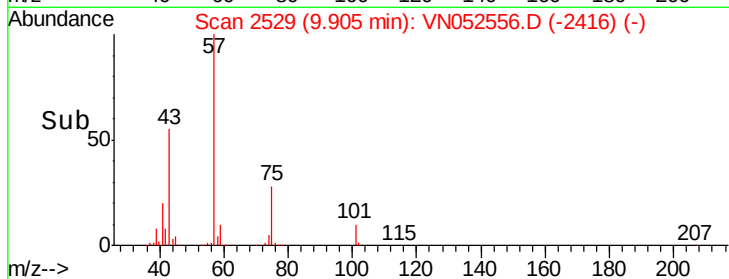
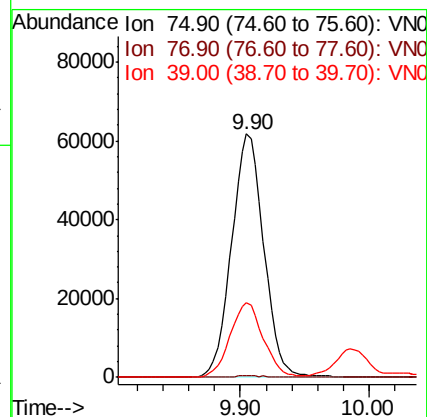
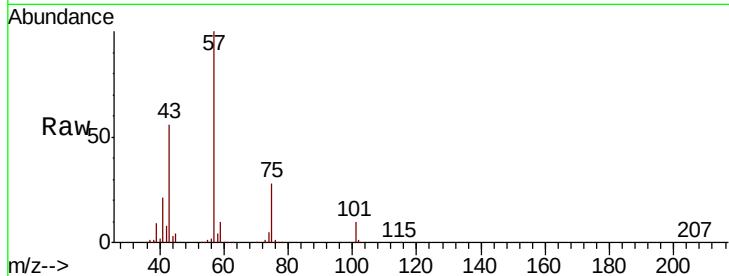
Tot Ion: 75 Resp: 106823

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 30.4 36.0 54.0#



#56

Ethyl methacrylate

Concen: 2.704 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

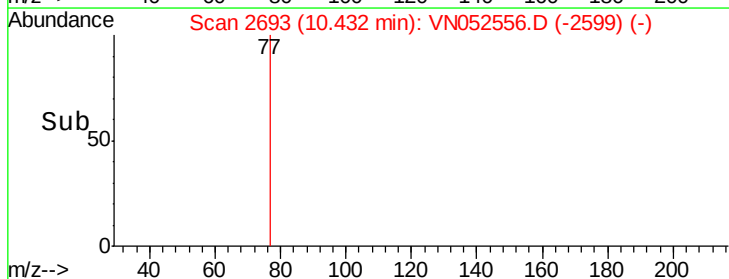
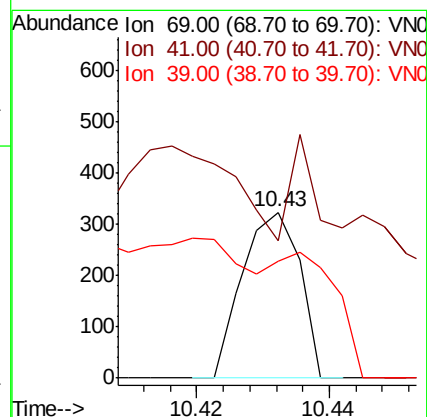
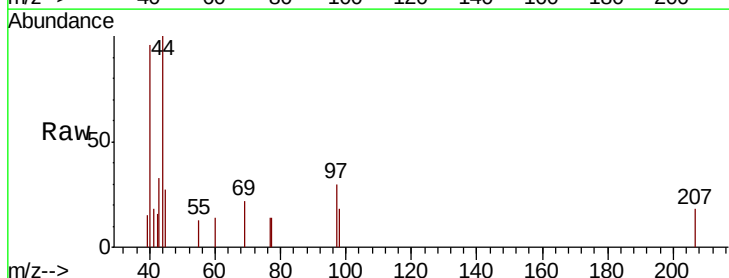
Tgt Ion: 69 Resp: 194

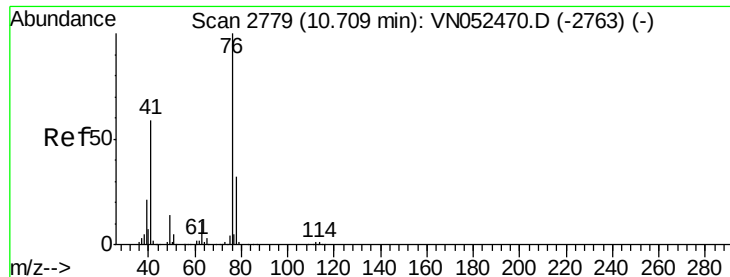
Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

39 0.0 25.9 38.9#

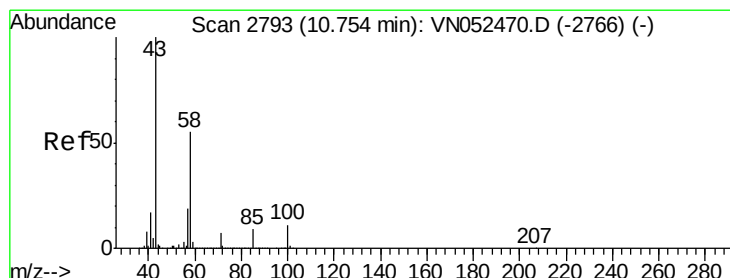
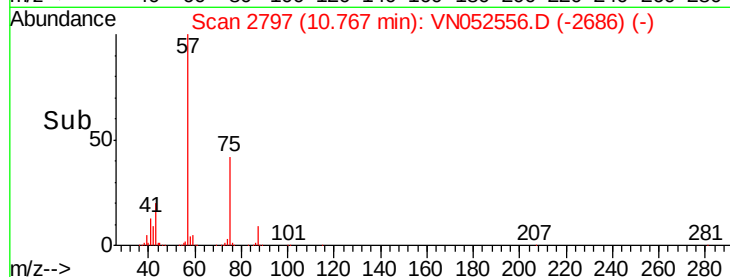
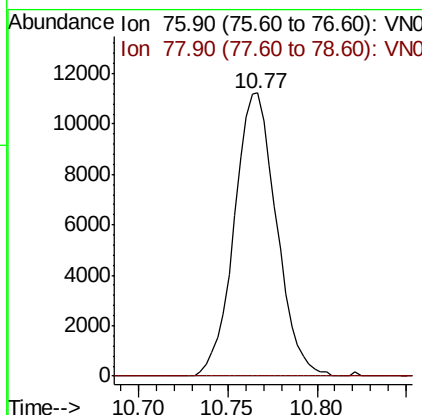
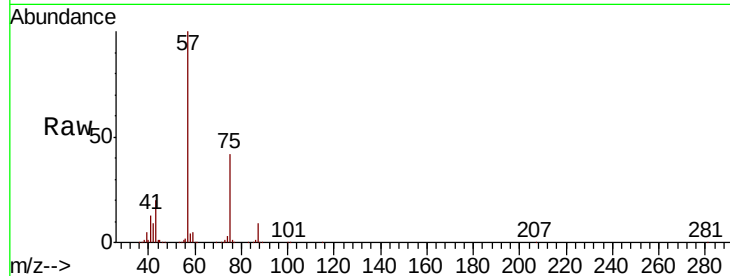




#57
 1,3-Dichloropropane
 Concen: 0.848 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

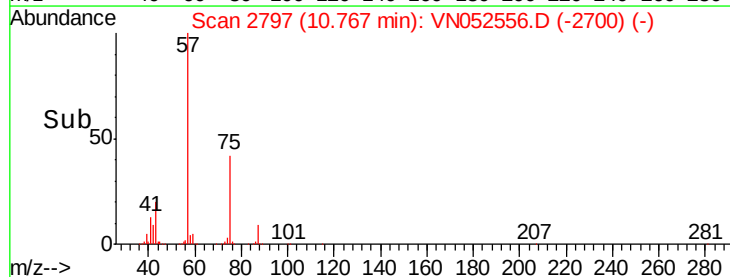
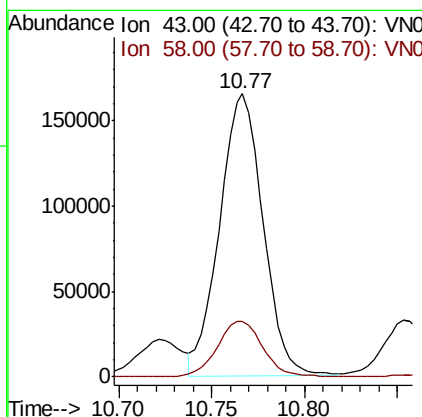
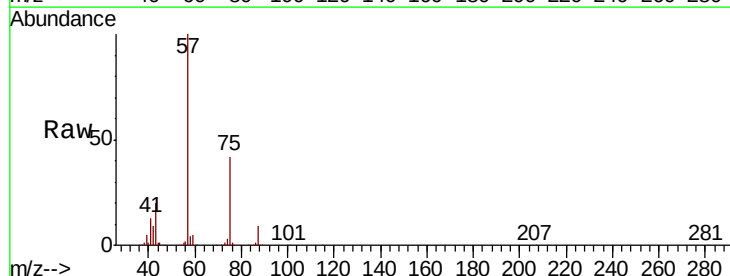
Instrument :
 MSVOA_N
 ClientSampled :
 OWS-2

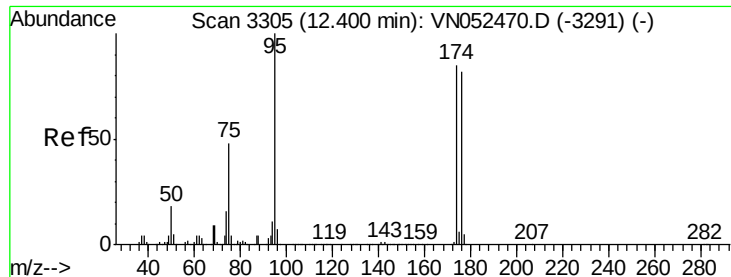
Tot Ion: 76 Resp: 18493
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 34.871 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Tgt Ion: 43 Resp: 268842
 Ion Ratio Lower Upper
 43 100
 58 20.8 27.4 82.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

OWS-2

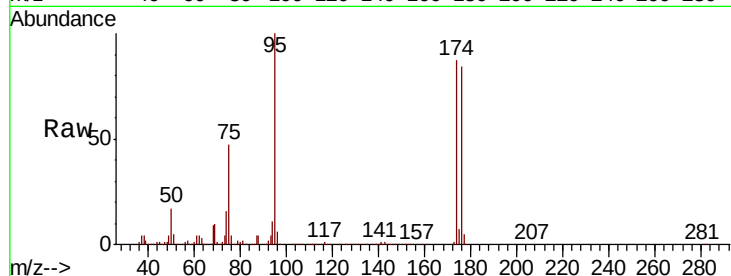
Tot Ion: 95 Resp: 812728

Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.0

176 84.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

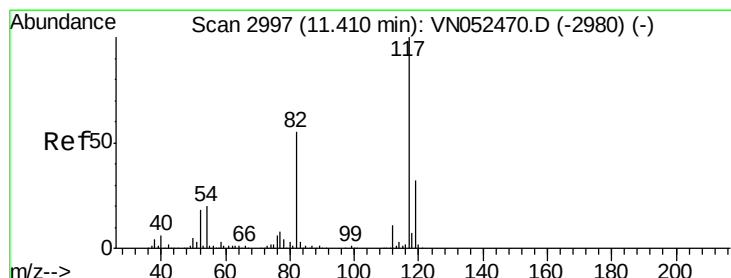
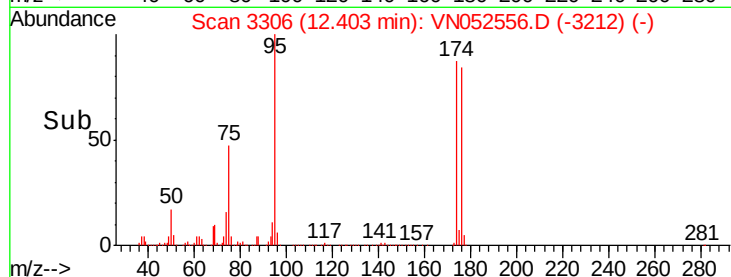
12.40

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

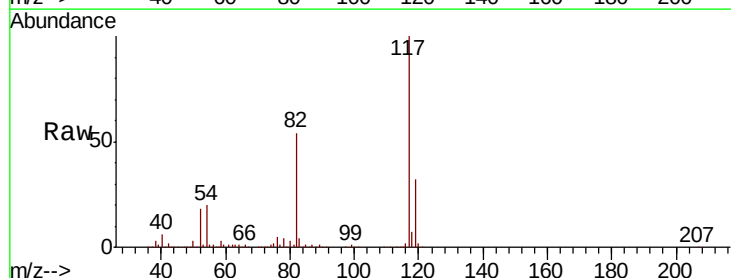
Tgt Ion: 117 Resp: 1811208

Ion Ratio Lower Upper

117 100

82 54.2 43.6 65.4

119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

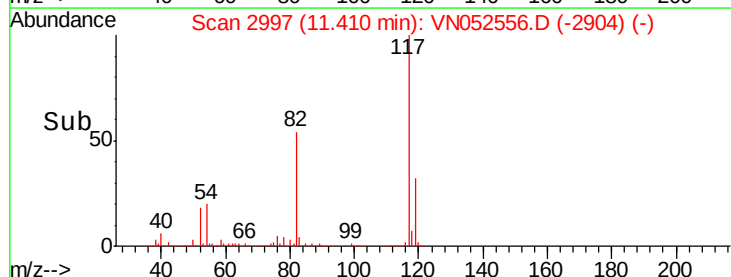
11.41

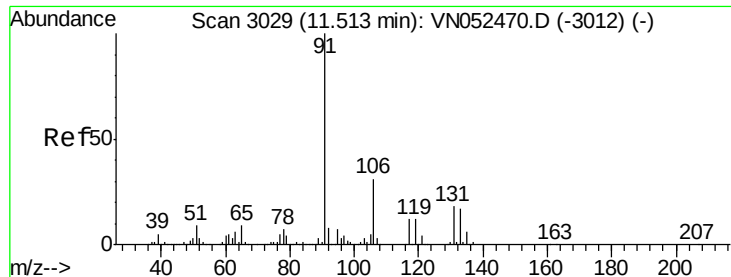
1000000

500000

0

Time--> 11.30 11.40 11.50

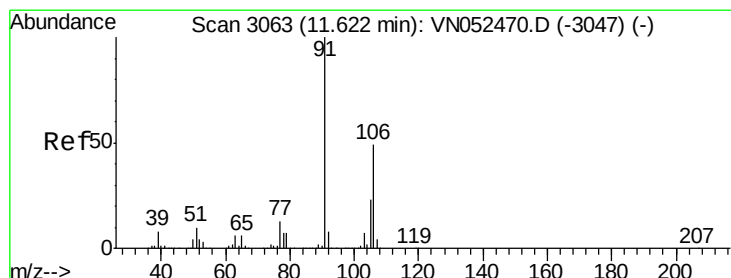
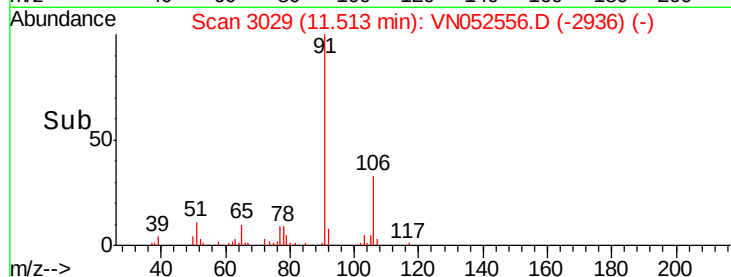
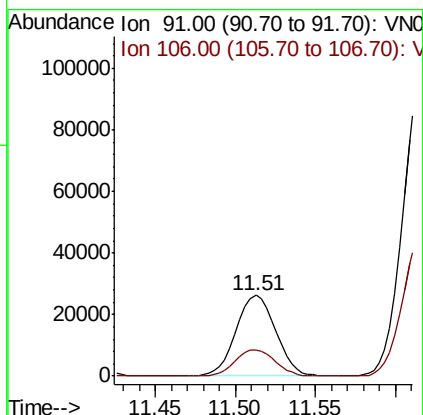
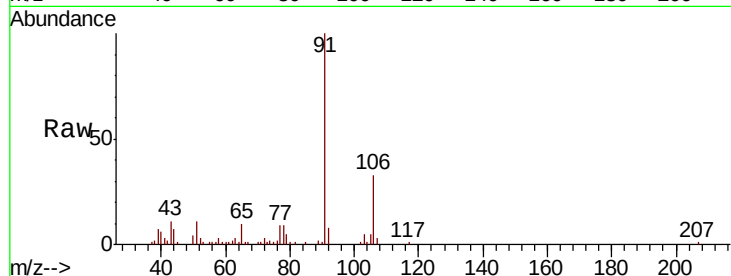




#67
Ethyl Benzene
Concen: 0.681 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

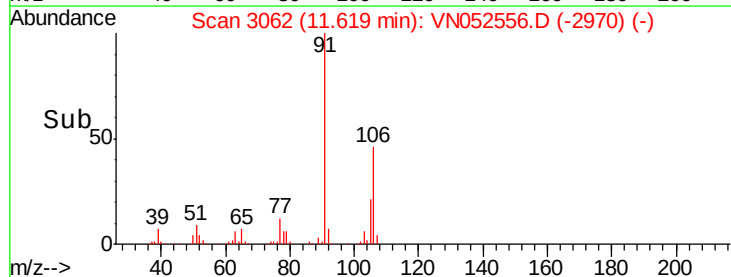
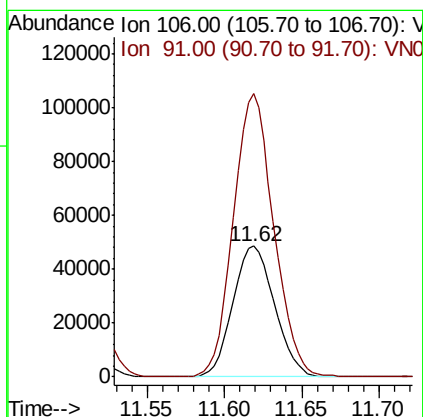
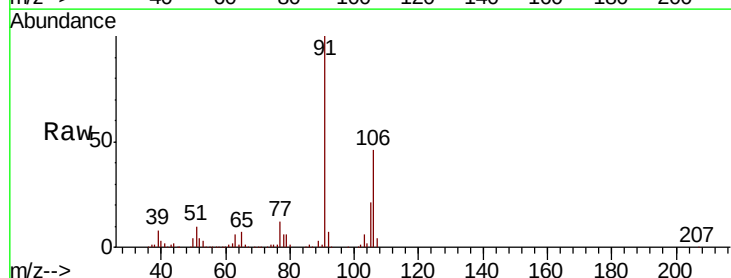
Instrument :
MSVOA_N
ClientSampled :
OWS-2

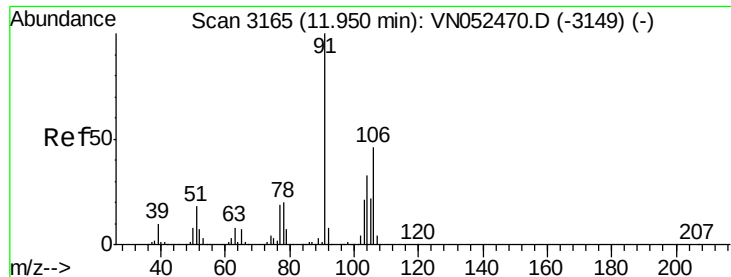
Tot Ion: 91 Resp: 44555
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3



#68
m/p-Xylenes
Concen: 3.737 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 106 Resp: 90979
Ion Ratio Lower Upper
106 100
91 209.4 163.2 244.8

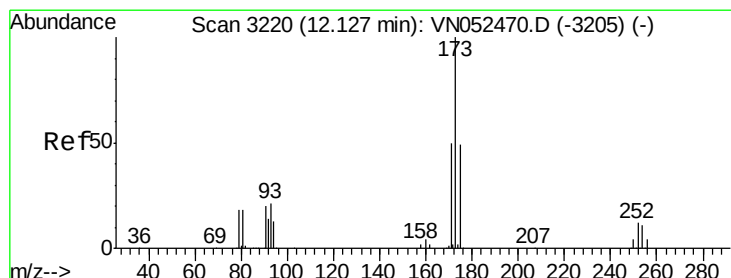
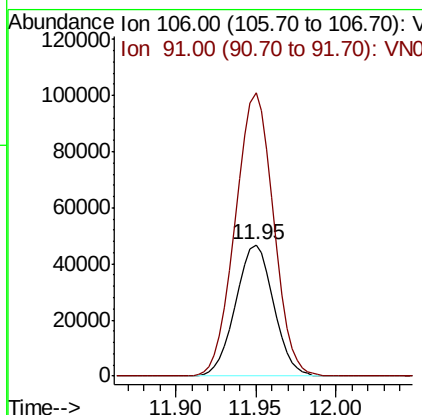
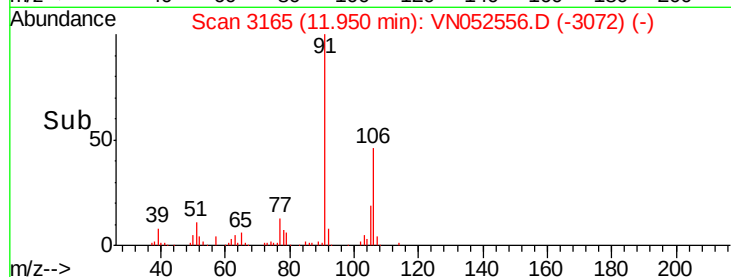
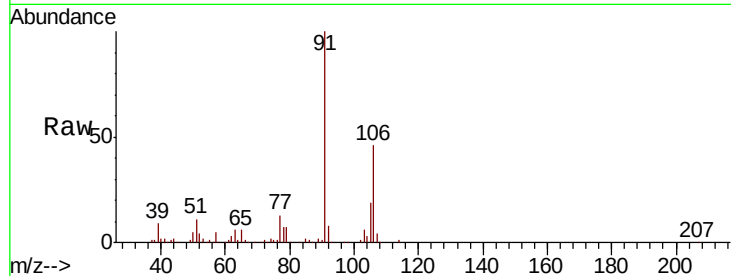




#69
o-Xylene
Concen: 3.206 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

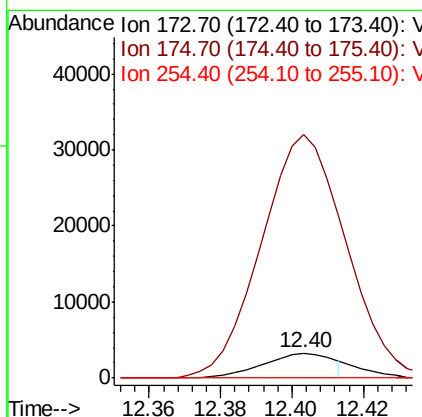
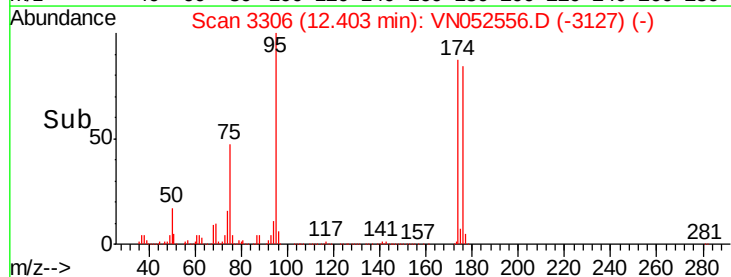
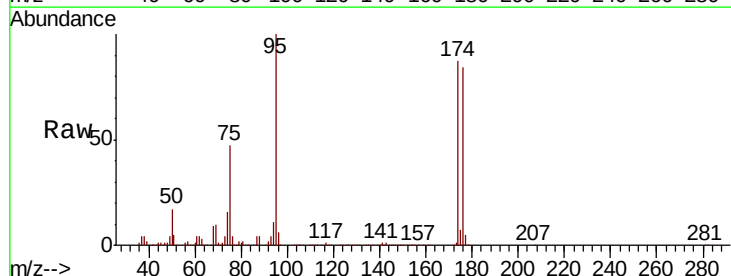
Instrument :
MSVOA_N
ClientSampled :
OWS-2

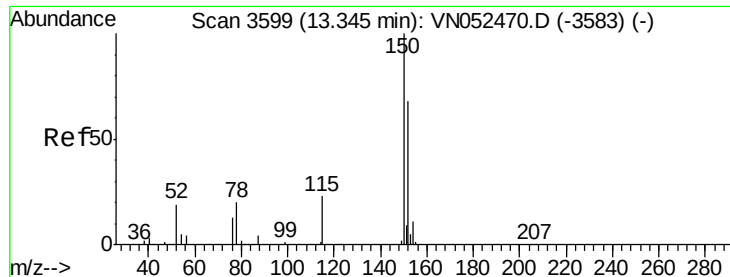
Tot Ion:106 Resp: 75796
Ion Ratio Lower Upper
106 100
91 216.7 107.7 323.1



#71
Bromoform
Concen: 0.528 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion:173 Resp: 4538
Ion Ratio Lower Upper
173 100
175 973.5 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

OVS-2

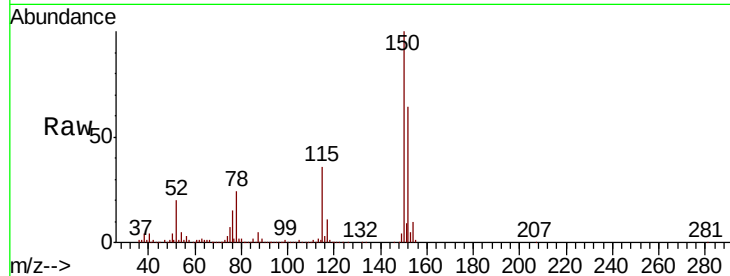
Tot Ion:152 Resp: 740719

Ion Ratio Lower Upper

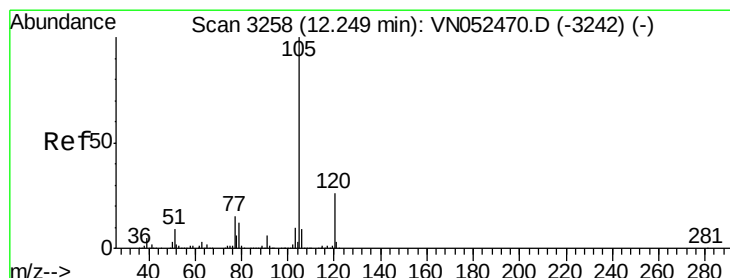
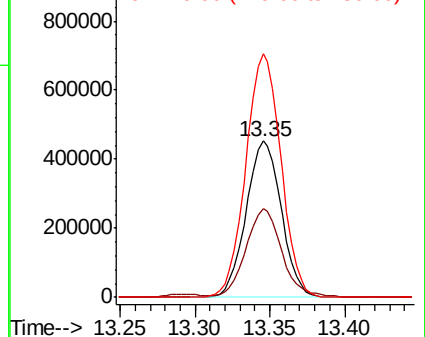
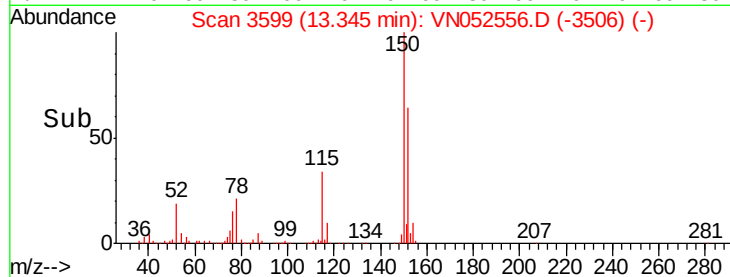
152 100

115 57.9 28.4 85.2

150 155.8 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



#73

Isopropylbenzene

Concen: 0.335 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN052556.D

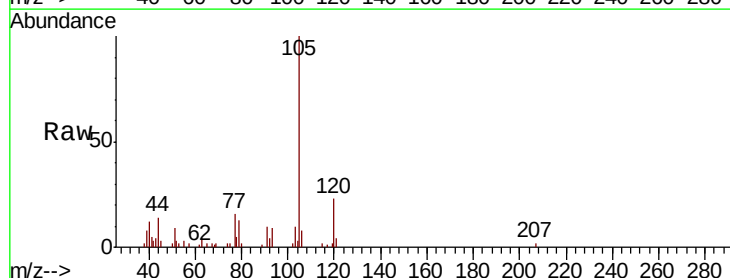
Acq: 29 Nov 2018 11:18

Tgt Ion:105 Resp: 19447

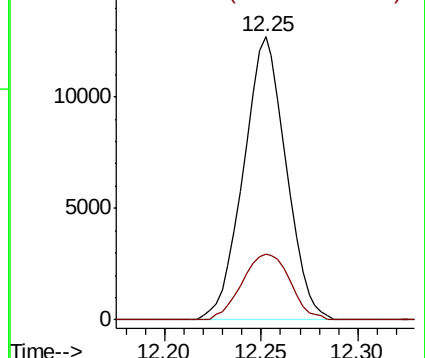
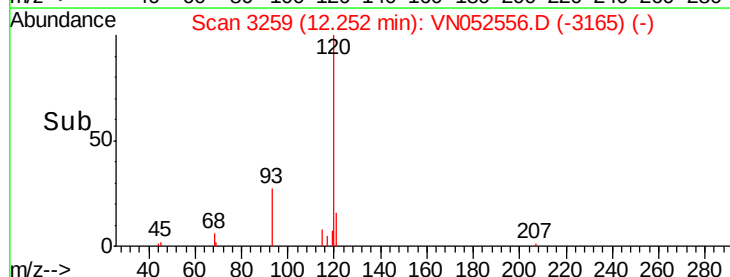
Ion Ratio Lower Upper

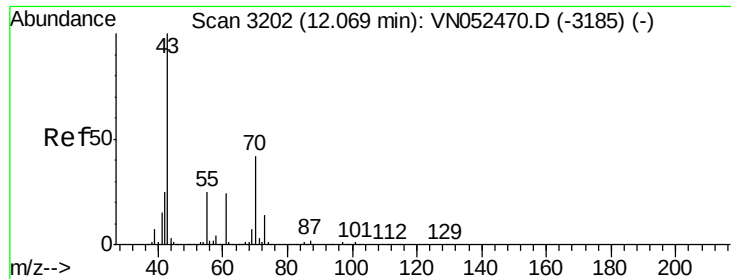
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

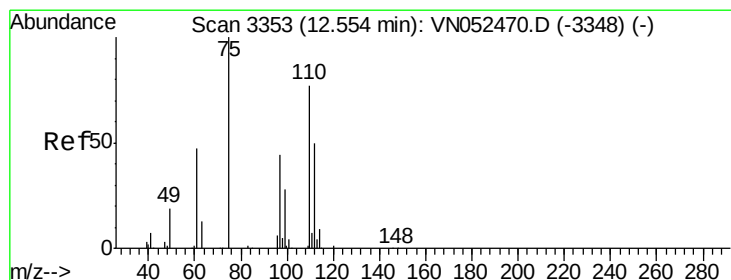
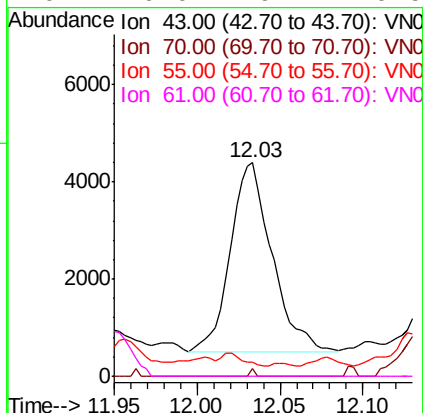
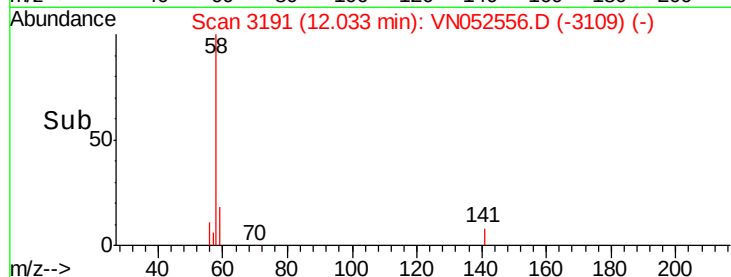
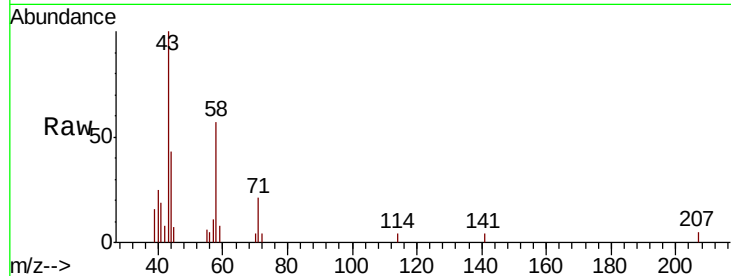




#74
N-amvl acetate
Concen: 0.468 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

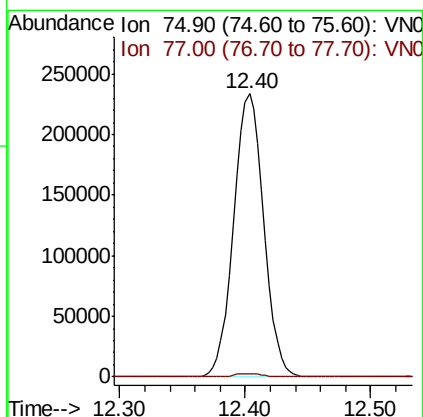
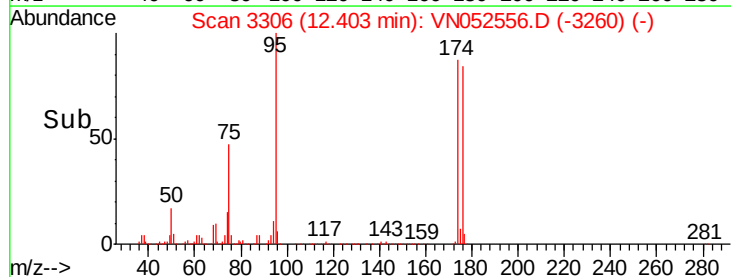
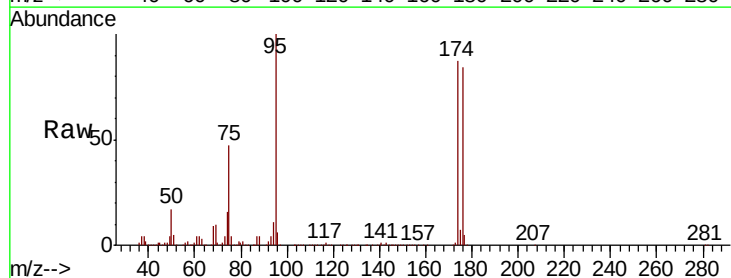
Instrument :
MSVOA_N
ClientSampled :
OWS-2

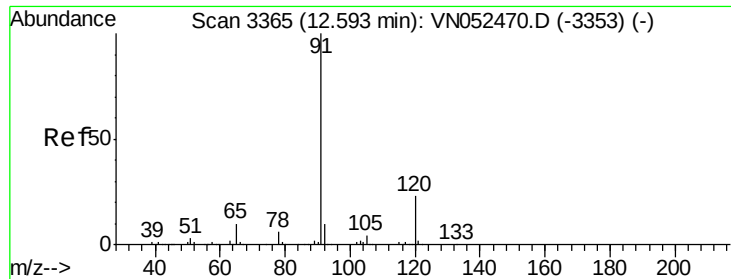
Tot Ion: 43 Resp: 6871
Ion Ratio Lower Upper
43 100
70 0.0 33.8 50.8#
55 3.5 20.0 30.0#
61 0.0 19.7 29.5#



#76
1,2,3-Trichloropropane
Concen: 33.982 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052556.D
Acq: 29 Nov 2018 11:18

Tgt Ion: 75 Resp: 388148
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 0.792 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

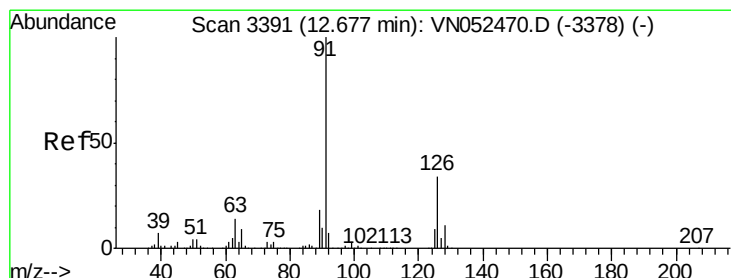
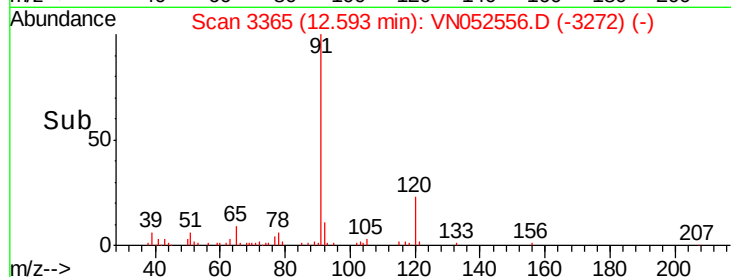
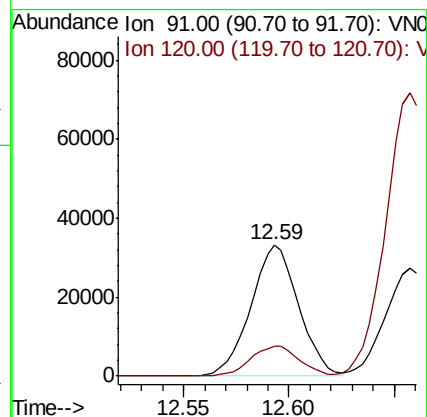
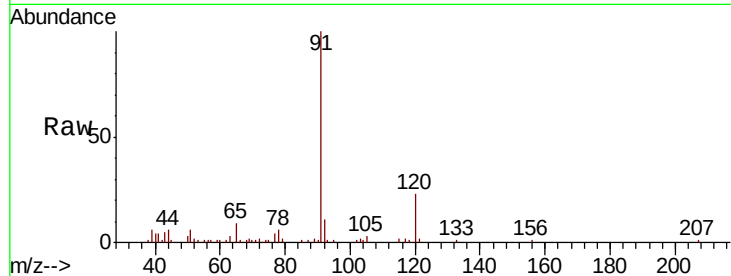
OVS-2

Tot Ion: 91 Resp: 52270

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9



#79

2-Chlorotoluene

Concen: 1.422 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN052556.D

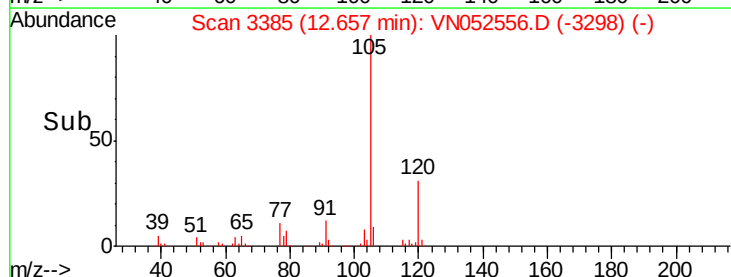
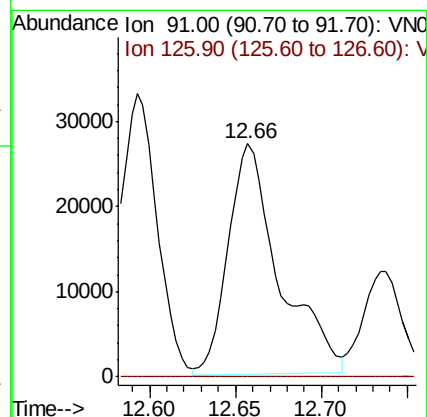
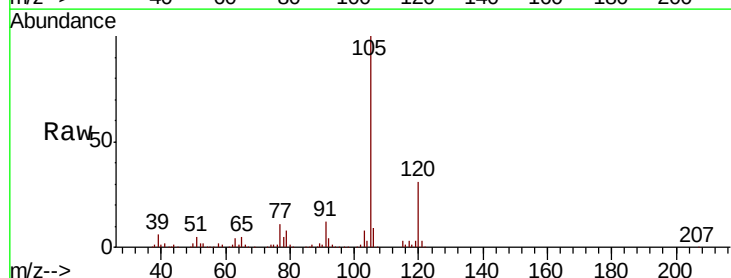
Acq: 29 Nov 2018 11:18

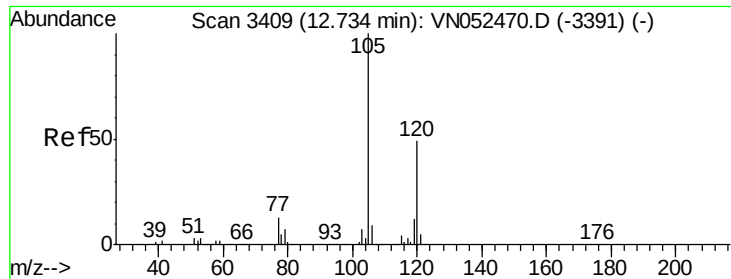
Tgt Ion: 91 Resp: 55911

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#





#80

1,3,5-Trimethylbenzene

Concen: 4.218 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampleId :

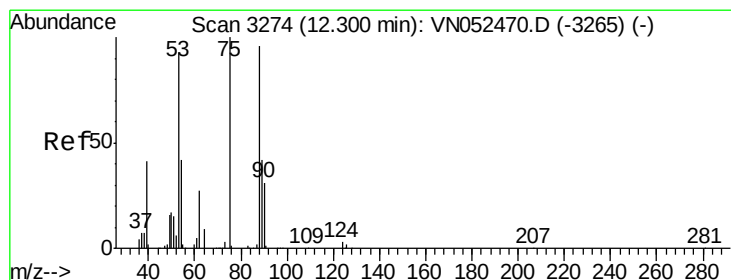
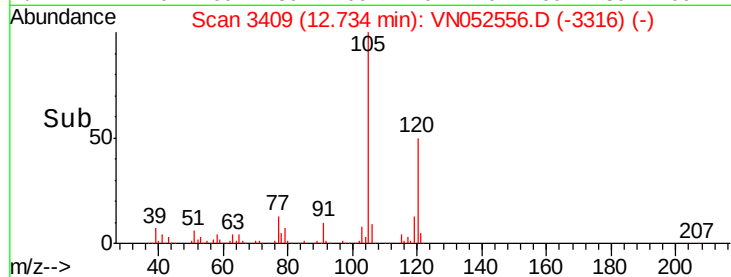
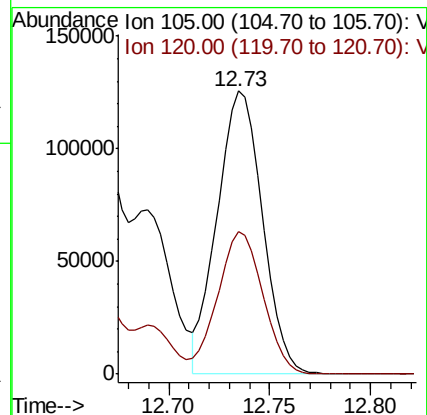
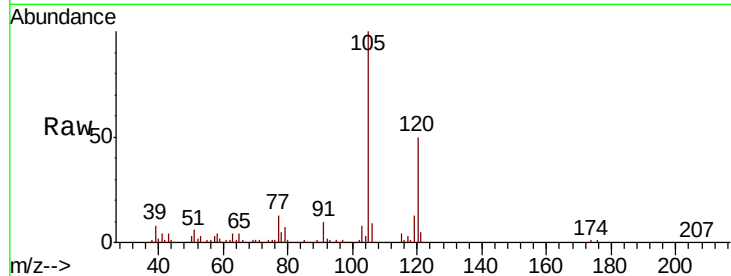
OVS-2

Tot Ion:105 Resp: 195508

Ion Ratio Lower Upper

105 100

120 50.9 24.3 73.0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.483 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

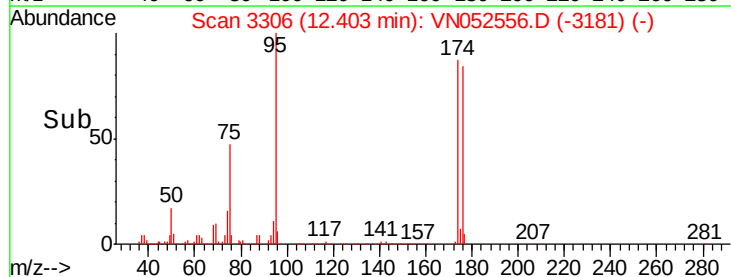
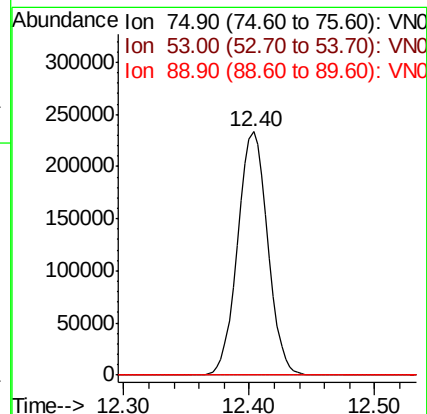
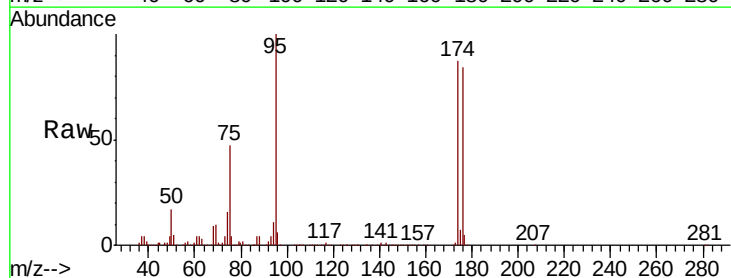
Tgt Ion: 75 Resp: 388148

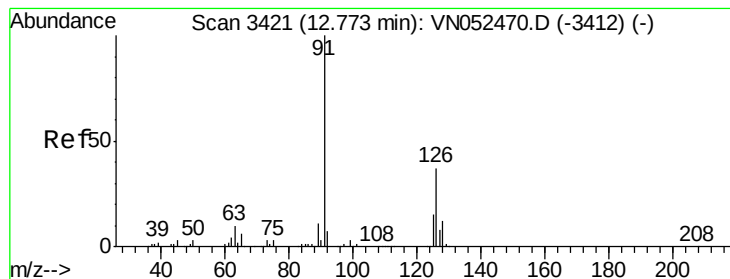
Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 0.448 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

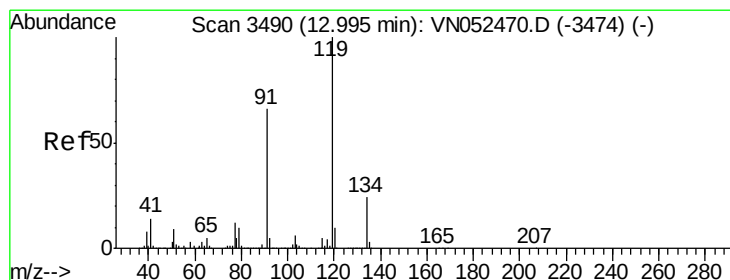
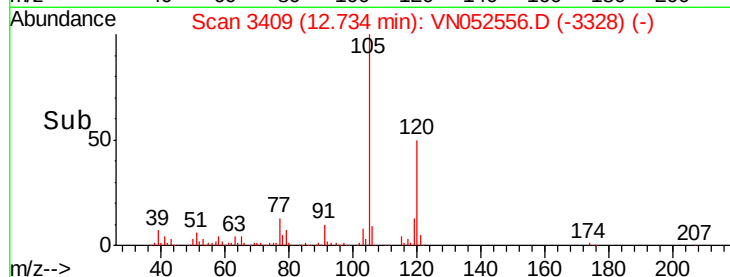
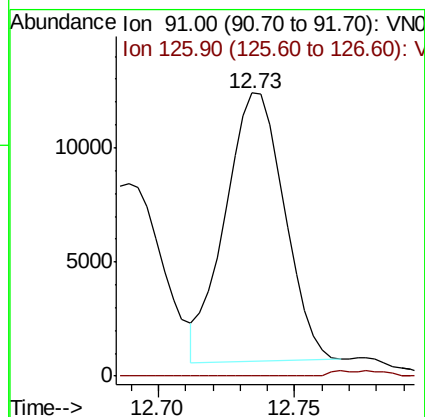
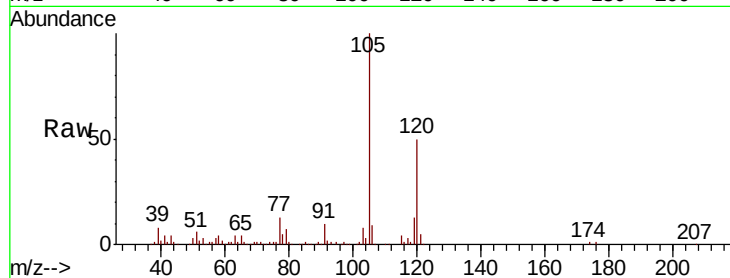
OWS-2

Tot Ion: 91 Resp: 17737

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#83

tert-Butylbenzene

Concen: 1.963 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

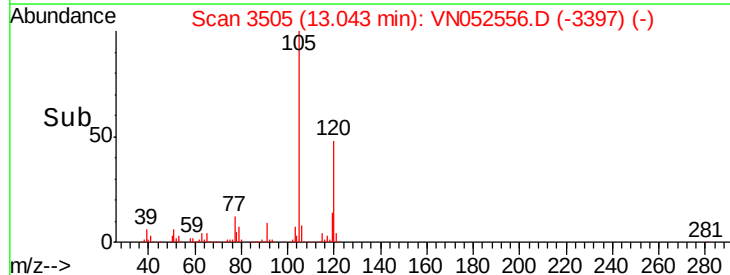
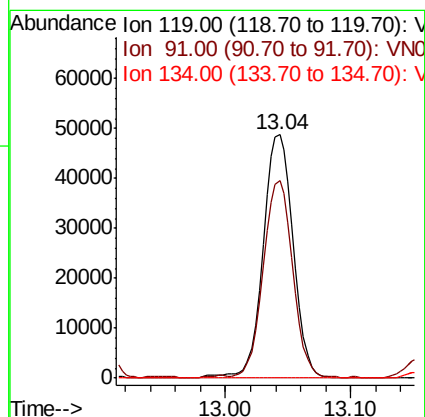
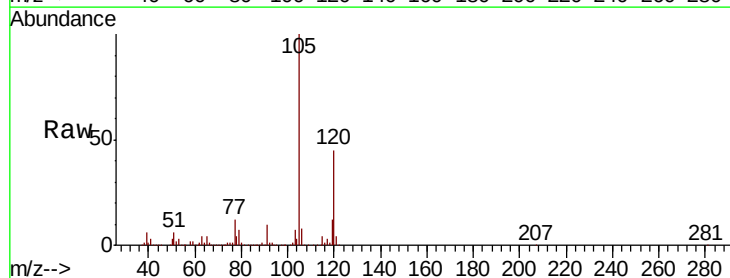
Tgt Ion: 119 Resp: 81099

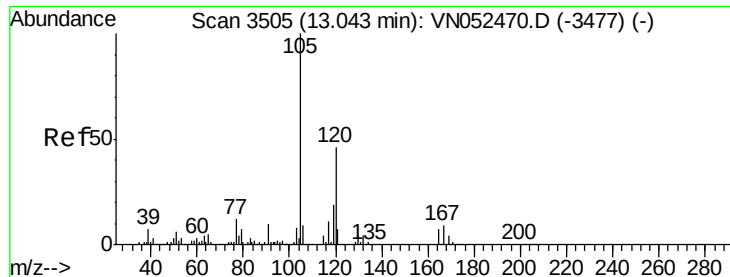
Ion Ratio Lower Upper

119 100

91 79.1 32.3 96.9

134 0.0 13.0 38.9#

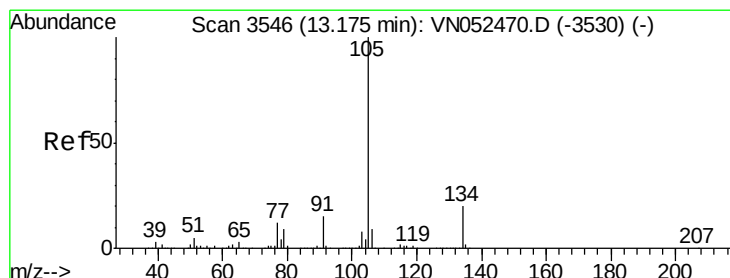
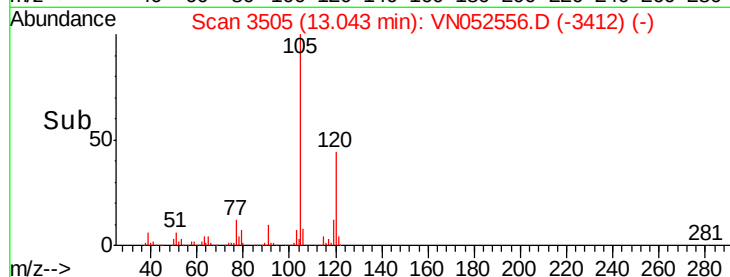
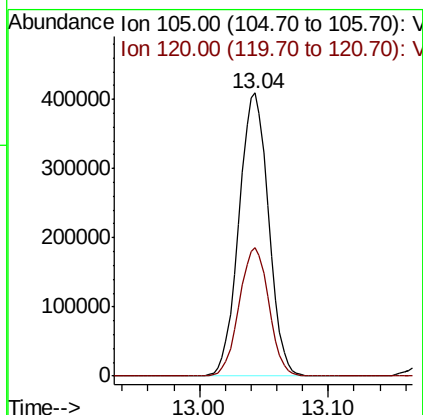
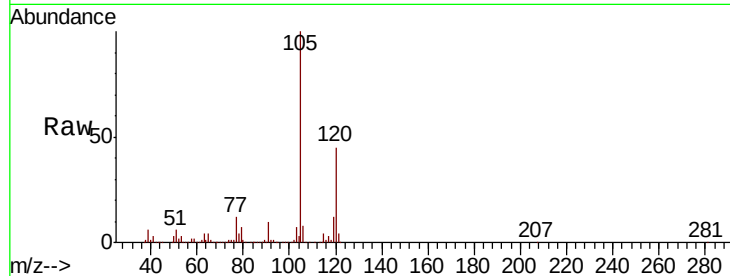




#84
 1,2,4-Trimethylbenzene
 Concen: 14.059 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

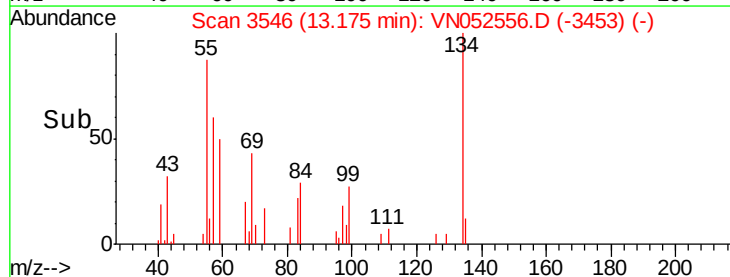
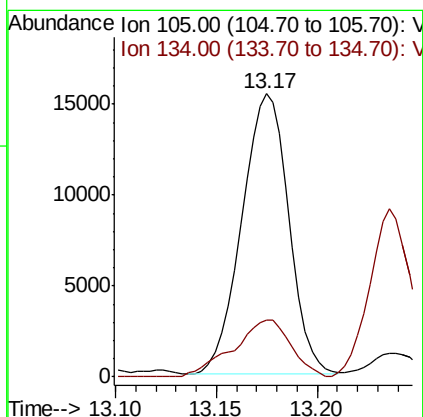
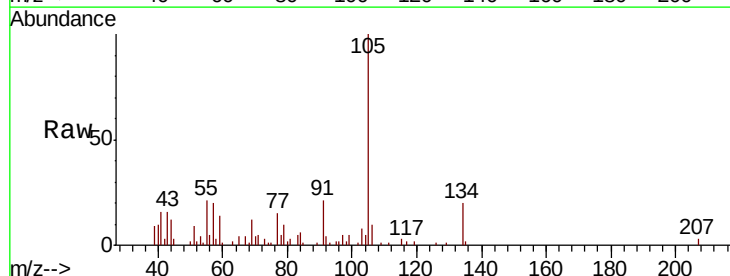
Instrument :
 MSVOA_N
 ClientSampled :
 OWS-2

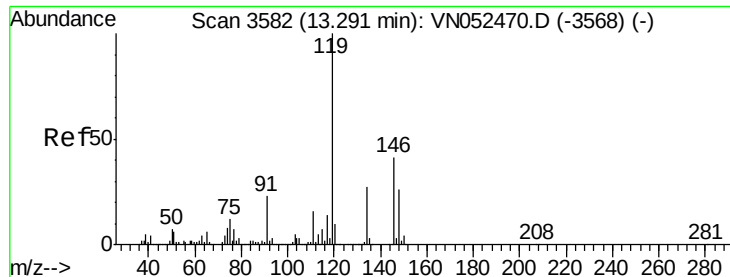
Tot Ion:105 Resp: 653031
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 0.446 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Tgt Ion:105 Resp: 25125
 Ion Ratio Lower Upper
 105 100
 134 24.7 9.9 29.7

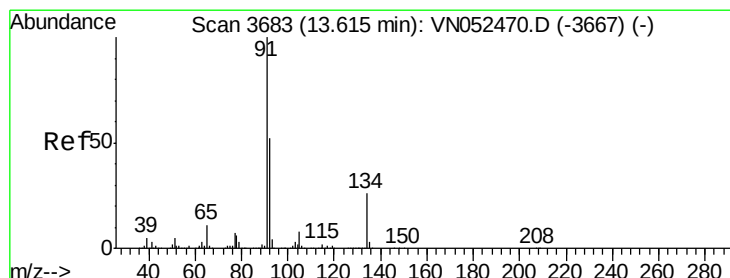
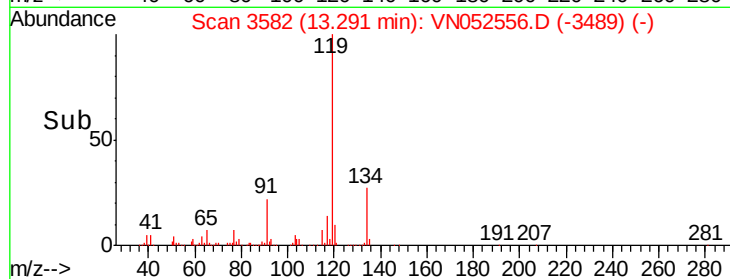
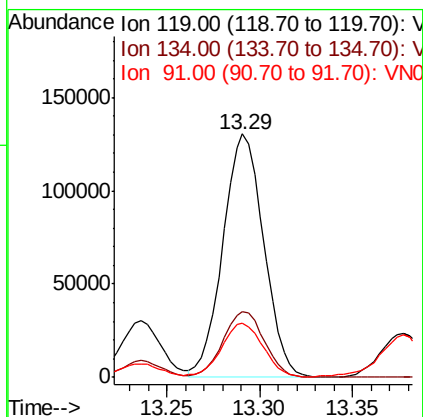
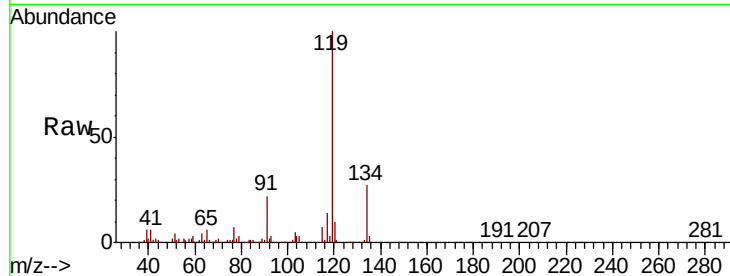




#86
 p-Isopropyltoluene
 Concen: 4.134 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

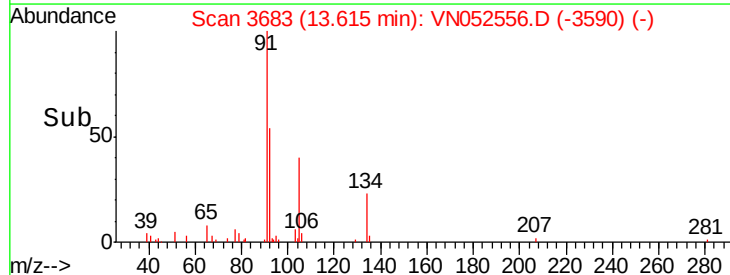
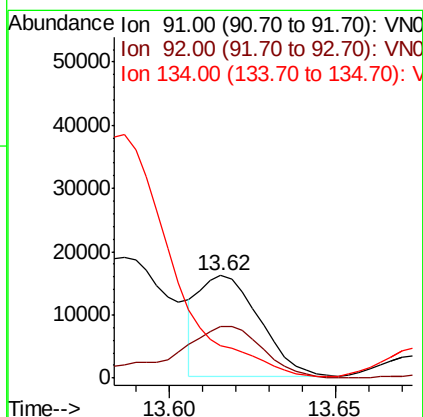
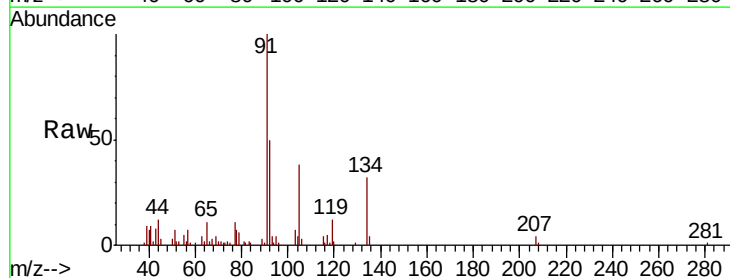
Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-2

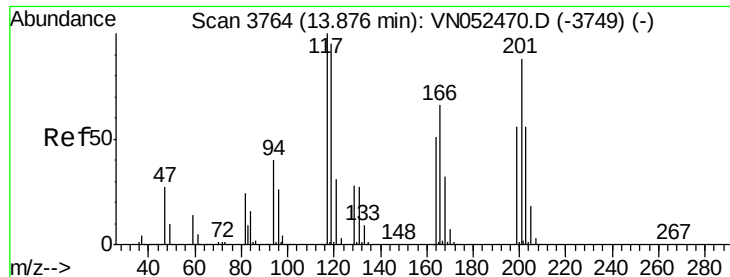
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.1	11.4	34.2



#89
 n-Butylbenzene
 Concen: 0.497 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	80.9	26.1	78.3#
134	0.0	13.0	38.9#





#90

Hexachloroethane

Concen: 2.054 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

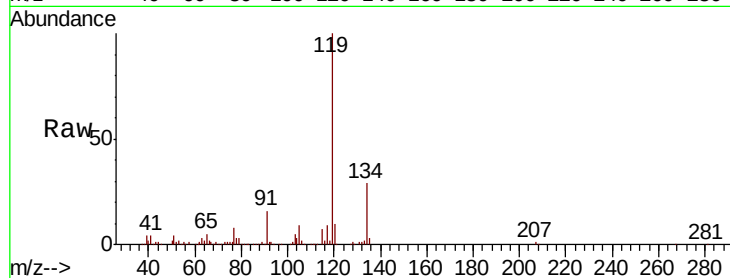
OVS-2

Tot Ion:117 Resp: 16668

Ion Ratio Lower Upper

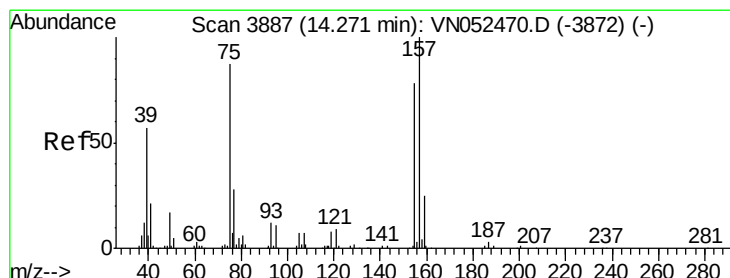
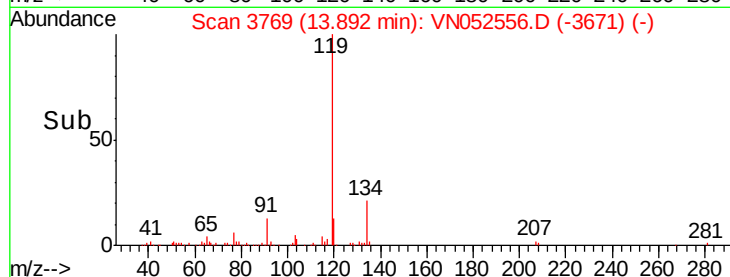
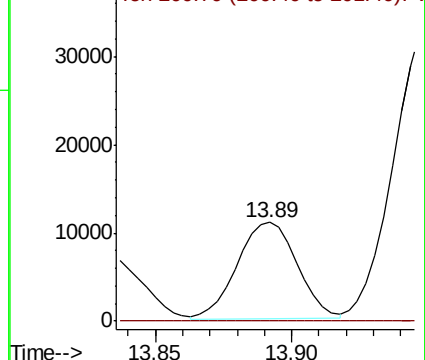
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.800 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

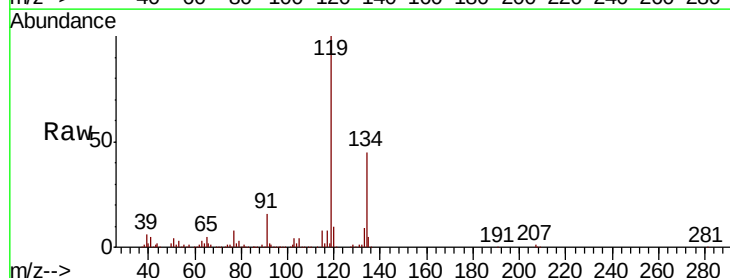
Tgt Ion: 75 Resp: 1512

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

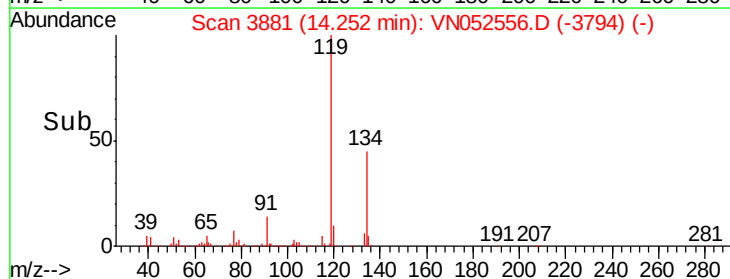
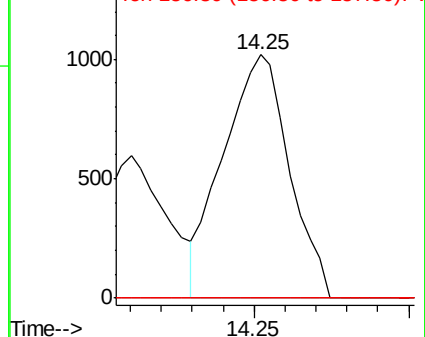
157 0.0 58.1 174.2#

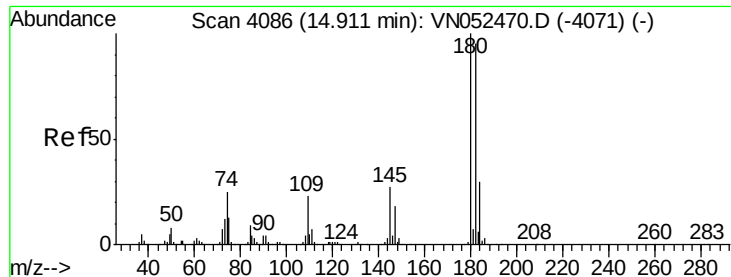


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.920 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

Instrument :

MSVOA_N

ClientSampled :

OWS-2

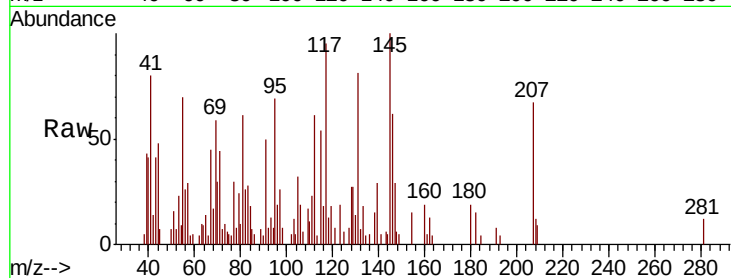
Tot Ion:180 Resp: 1256

Ion Ratio Lower Upper

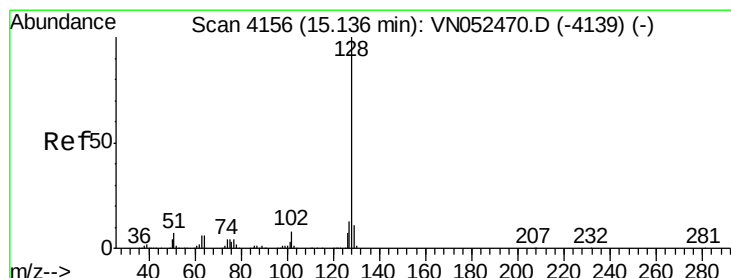
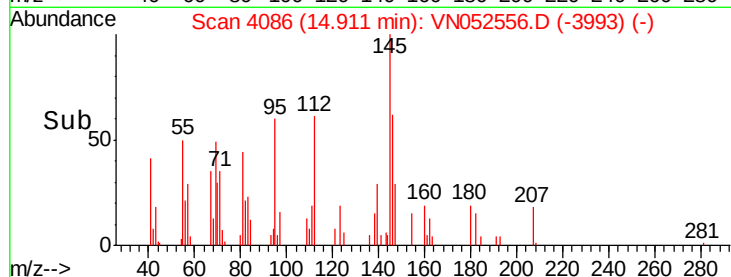
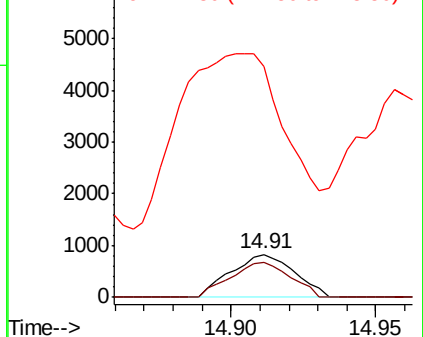
180 100

182 77.5 47.8 143.4

145 753.7 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: 10.487 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052556.D

Acq: 29 Nov 2018 11:18

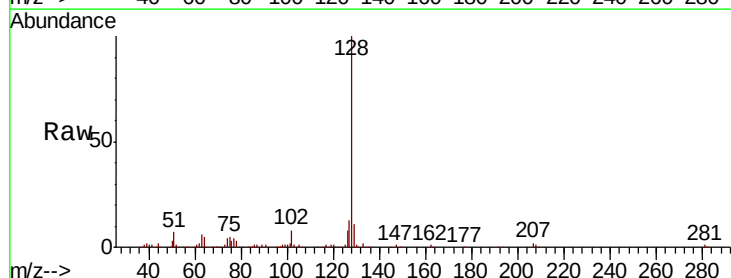
Tgt Ion:128 Resp: 211327

Ion Ratio Lower Upper

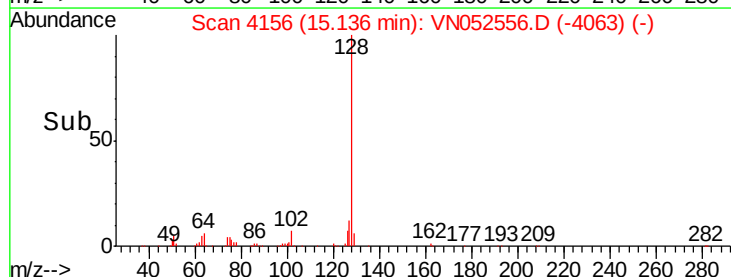
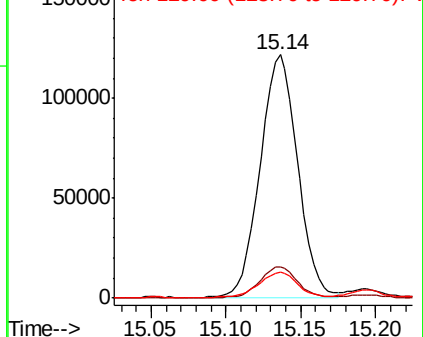
128 100

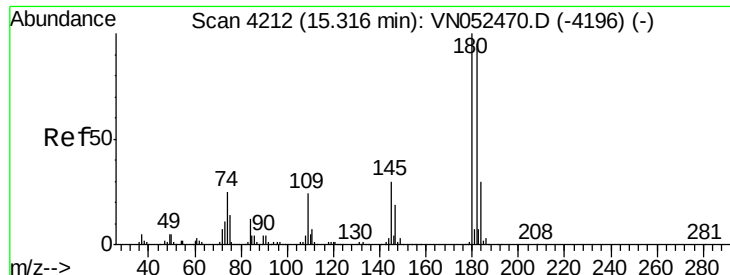
127 13.1 10.2 15.2

129 11.1 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: 2.780 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN052556.D
 Acq: 29 Nov 2018 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	107.2	47.8	143.3
145	0.0	15.2	45.5

