

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054510.D
 Acq On : 21 Mar 2019 14:47
 Operator : JC/SP
 Sample : K1994-03
 Misc : 5.06µ/100µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30211-16

Quant Time: Mar 22 10:14:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	659632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1005062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	367687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	389885	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
35) Dibromofluoromethane	7.59	113	304488	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1199189	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	382667	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	219	0.319	ug/l #	1
18) Methyl Acetate	4.33	43	4443	0.808	ug/l #	78
31) Cyclohexane	7.67	56	13750	Below Cal	#	20
36) 1,1-Dichloropropene	7.66	75	45891	4.883	ug/l #	43
38) Carbon Tetrachloride	7.66	117	59068	6.468	ug/l #	16
39) Methylcyclohexane	9.08	83	3409	0.317	ug/l	93
43) Isopropyl Acetate	8.25	43	6177	0.547	ug/l #	60
52) Toluene	10.16	92	3318	0.201	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	4902	0.825	ug/l #	20
59) 2-Hexanone	10.72	43	4936	1.208	ug/l #	25
67) Ethyl Benzene	11.51	91	42426	1.431	ug/l	98
68) m/p-Xylenes	11.62	106	44108	3.927	ug/l	99
69) o-Xylene	11.95	106	30722	2.801	ug/l	98
71) Bromoform	12.38	173	223	2.272	ug/l #	28
73) Isopropylbenzene	12.25	105	39987	1.350	ug/l	96
74) N-amyl acetate	12.04	43	24657	2.894	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.45	83	2599	0.384	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	190413	32.635	ug/l #	100
78) n-propylbenzene	12.59	91	114773	3.572	ug/l	97
79) 2-Chlorotoluene	12.65	91	36601	1.827	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	145254	5.982	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	190413	108.539	ug/l #	11
82) 4-Chlorotoluene	12.73	91	14689	0.756	ug/l #	43
83) tert-Butylbenzene	13.04	119	67329	3.185	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.04	105	531725	22.316	ug/l	98
85) sec-Butylbenzene	13.17	105	102173	3.878	ug/l	96
86) p-Isopropyltoluene	13.29	119	69247	2.937	ug/l	97
89) n-Butylbenzene	13.61	91	105090	5.701	ug/l #	75
90) Hexachloroethane	13.89	117	35786	9.780	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.29	75	1700	1.714	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.91	180	1270	0.216	ug/l #	71
94) Hexachlorobutadiene	15.00	225	70	Below Cal	#	19
95) Naphthalene	15.13	128	67771	5.167	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.33	180	5574	0.952	ug/l #	1

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QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

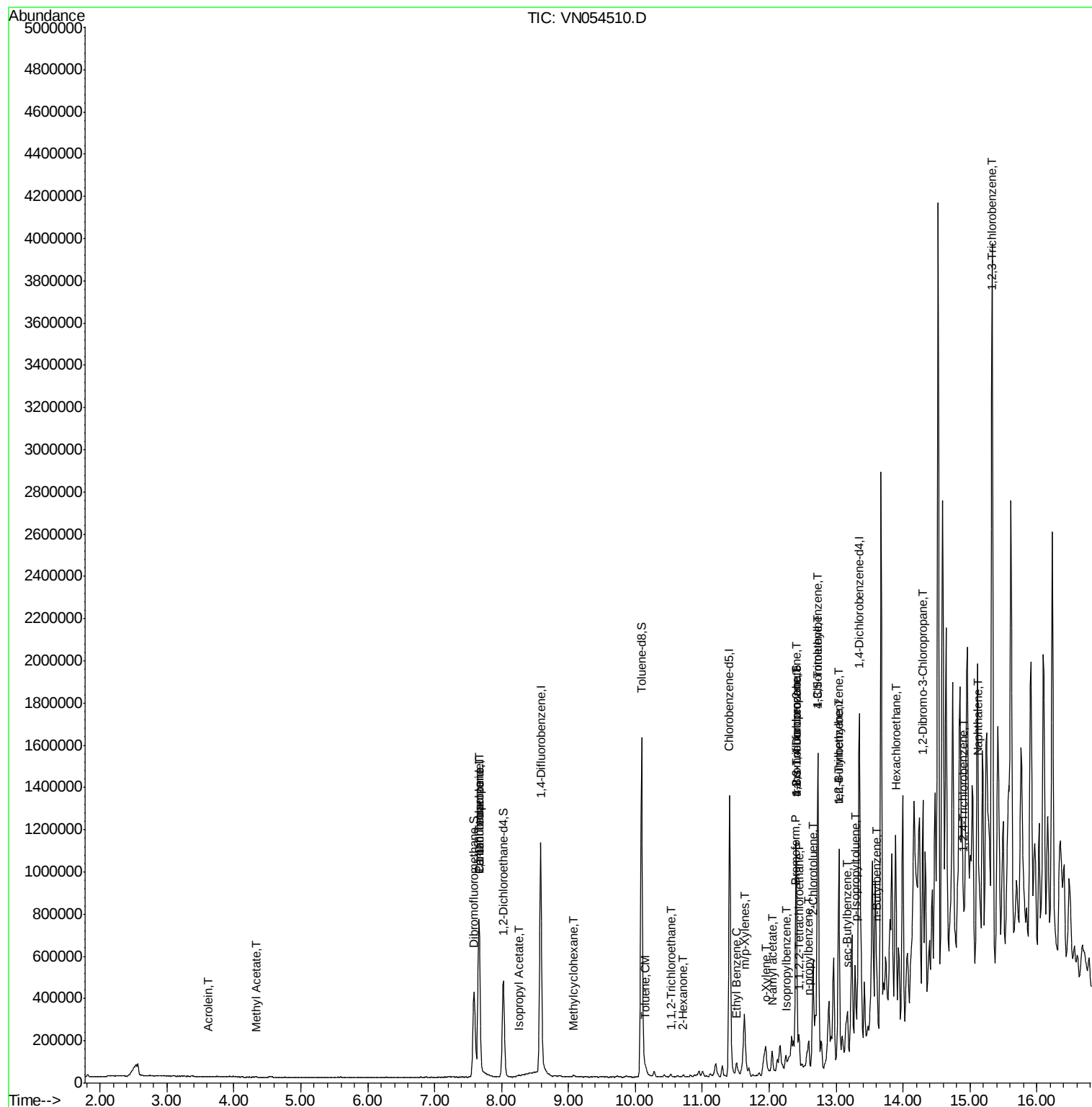
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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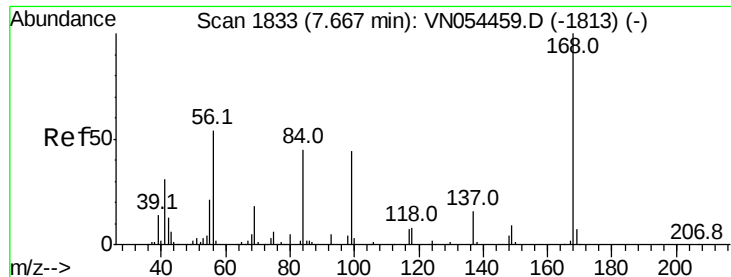
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

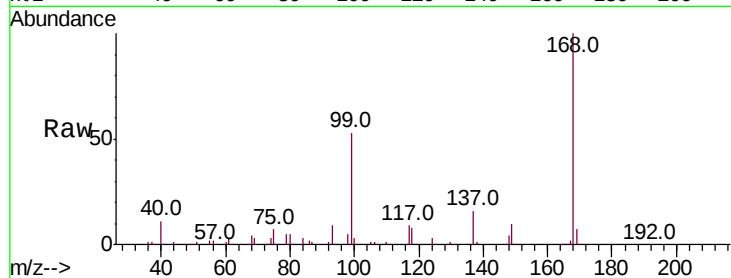
30211-16

Tot Ion:168 Resp: 659632

Ion Ratio Lower Upper

168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

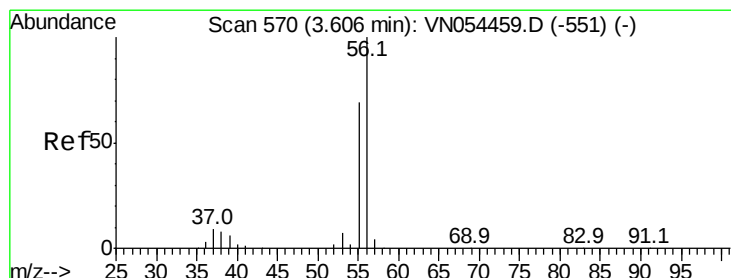
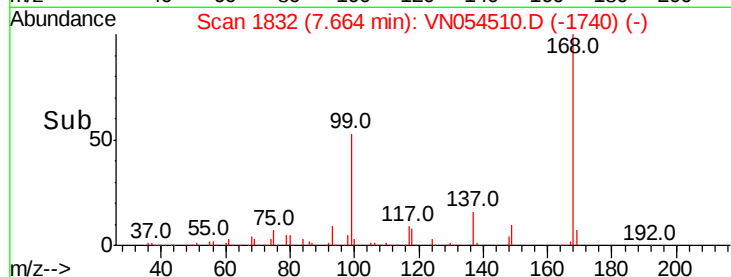
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.319 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054510.D

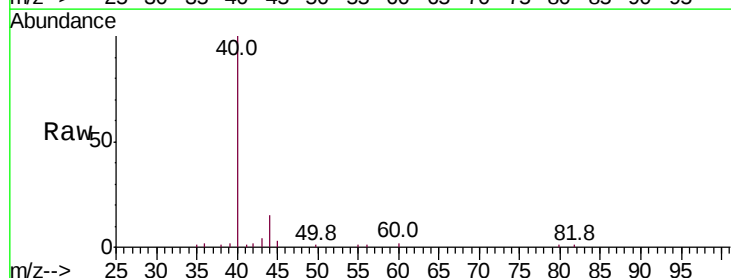
Acq: 21 Mar 2019 14:47

Tgt Ion: 56 Resp: 219

Ion Ratio Lower Upper

56 100

55 154.8 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.60

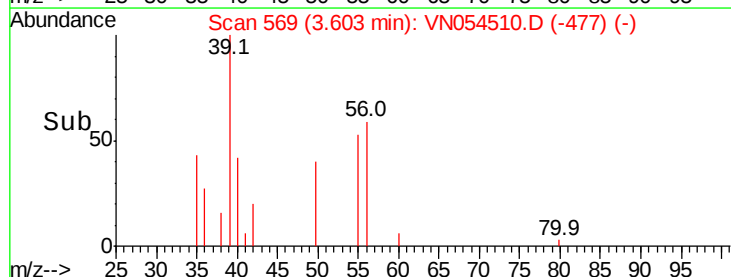
300

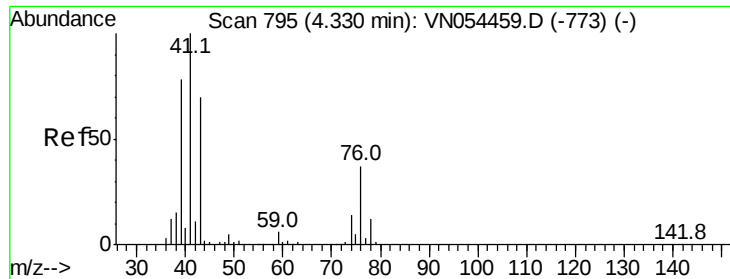
200

100

0

Time-->

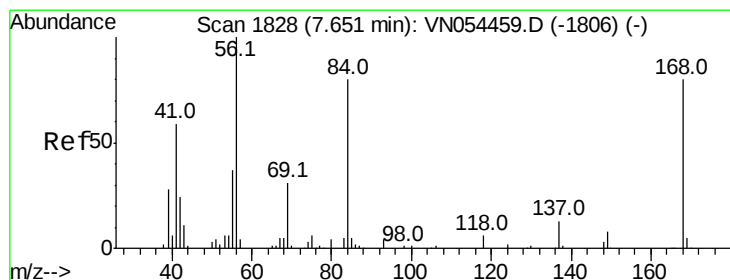
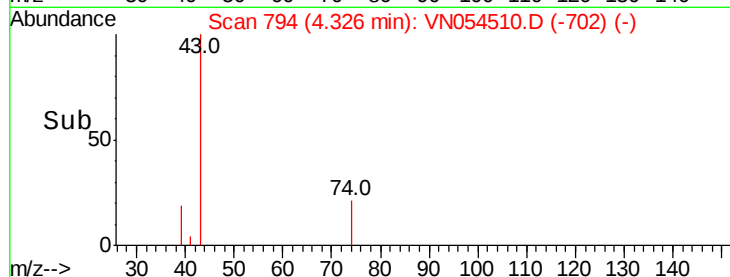
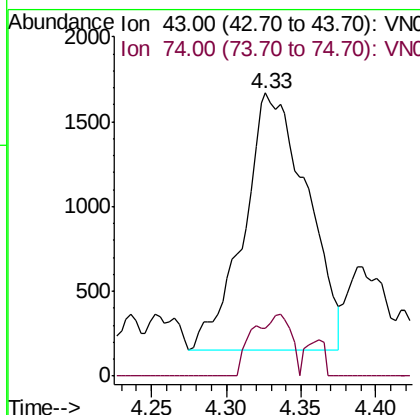
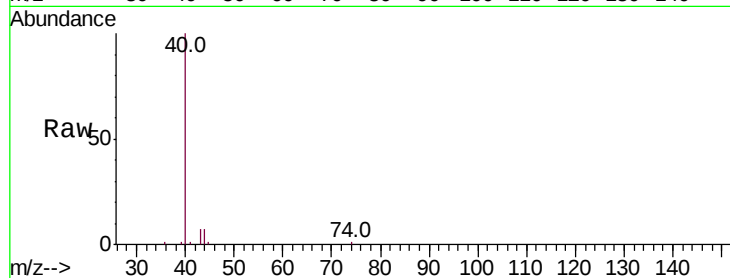




#18
Methvl Acetate
Concen: 0.808 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

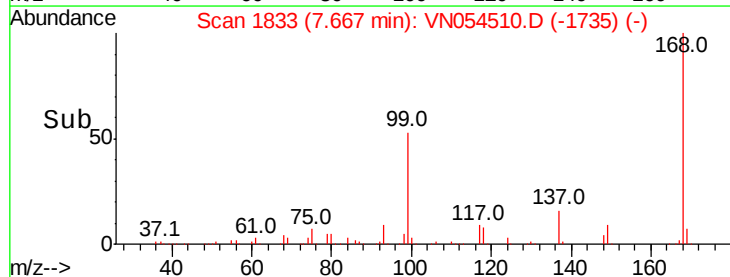
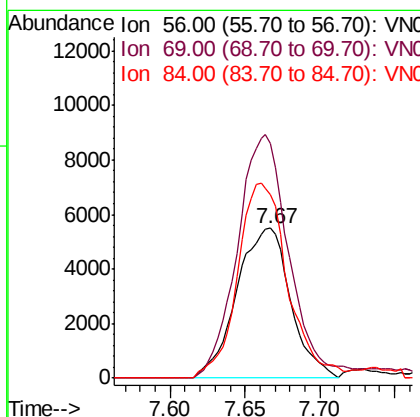
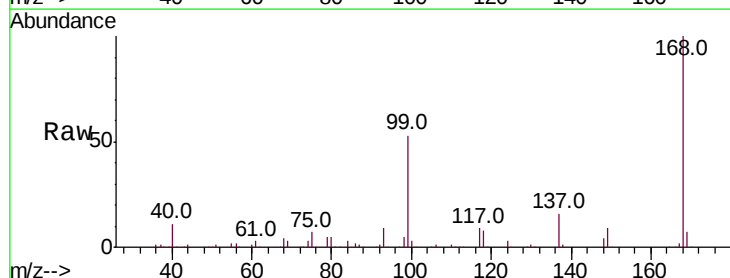
Instrument :
MSVOA_N
ClientSampleId :
30211-16

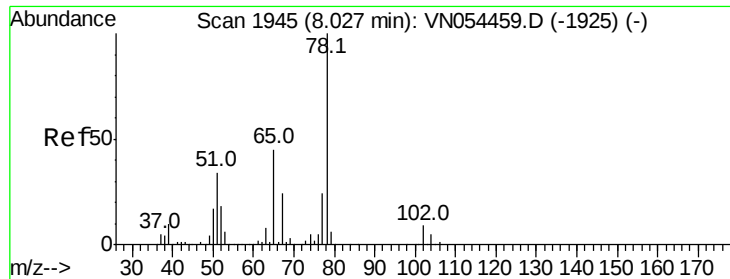
Tot Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
74 14.5 20.8 31.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

Tgt Ion: 56 Resp: 13750
Ion Ratio Lower Upper
56 100
69 156.9 27.8 41.6#
84 122.7 74.6 111.8#





#33

1,2-Dichloroethane-d4

Concen: 47.519 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

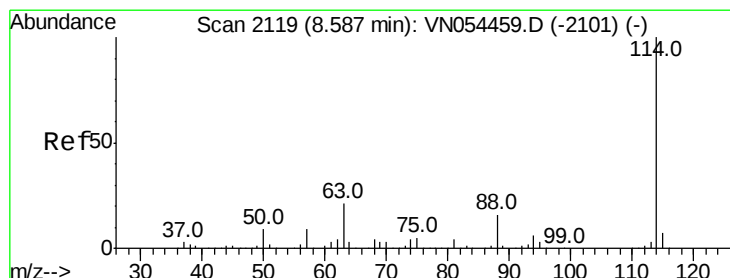
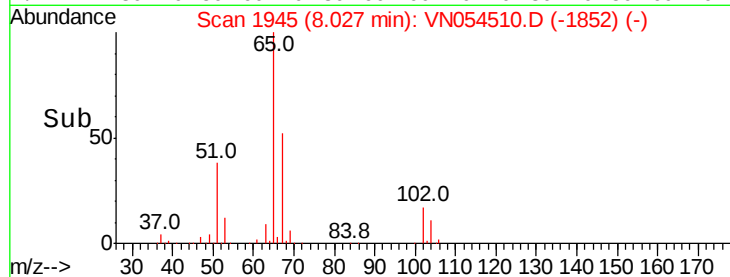
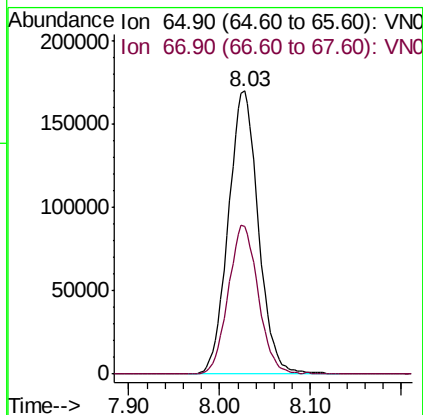
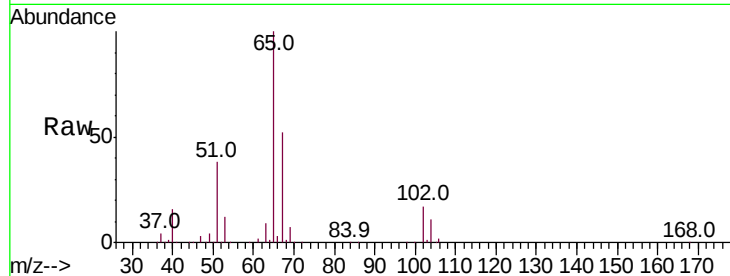
30211-16

Tot Ion: 65 Resp: 389885

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

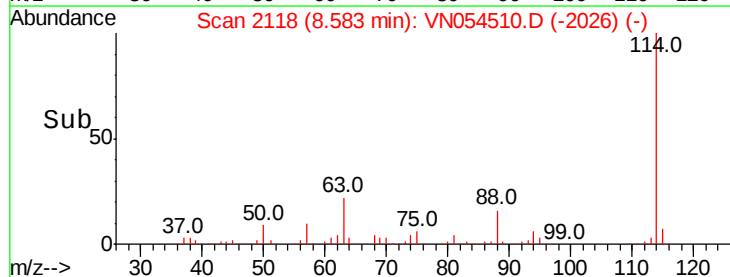
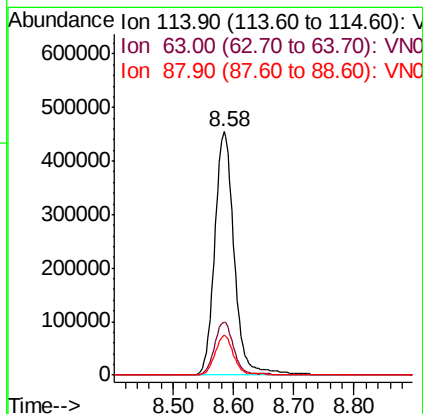
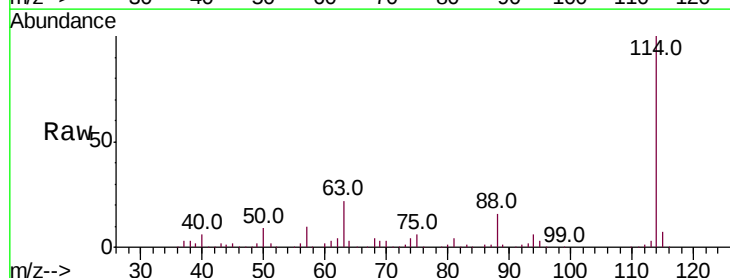
Tgt Ion: 114 Resp: 1005062

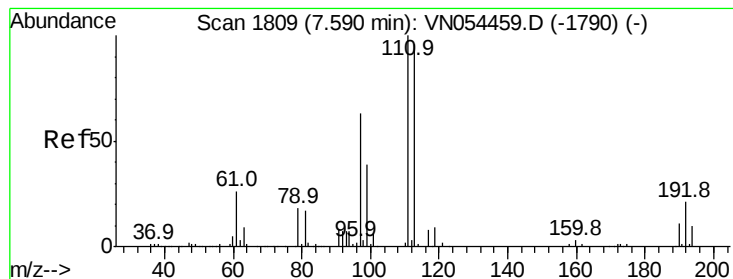
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.2

88 16.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.024 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

30211-16

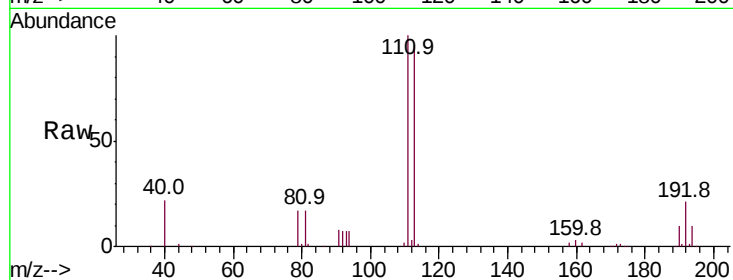
Tot Ion:113 Resp: 304488

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

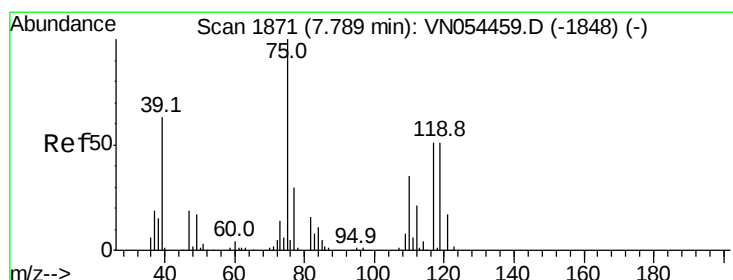
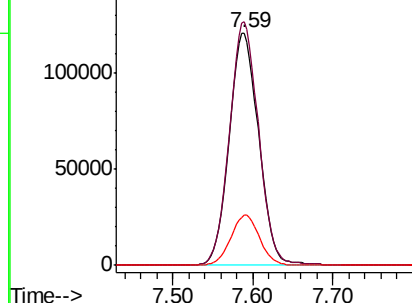
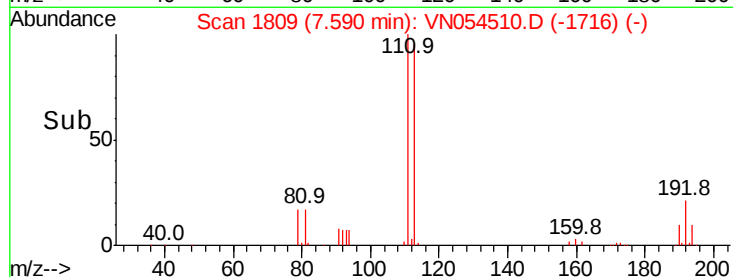
192 20.9 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.883 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

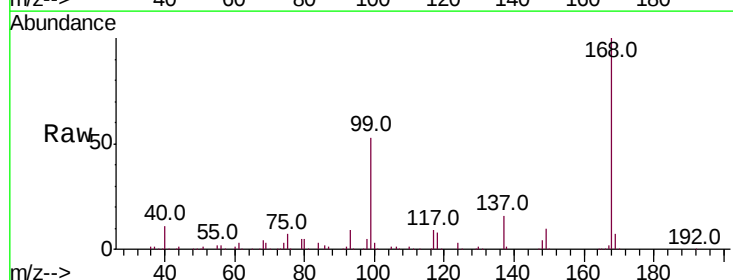
Tgt Ion: 75 Resp: 45891

Ion Ratio Lower Upper

75 100

110 3.8 19.1 57.5#

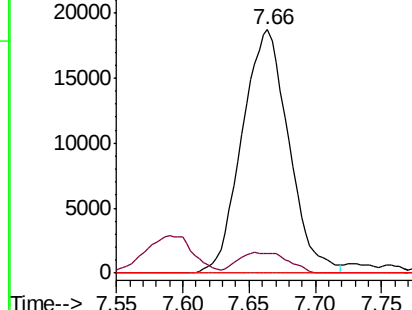
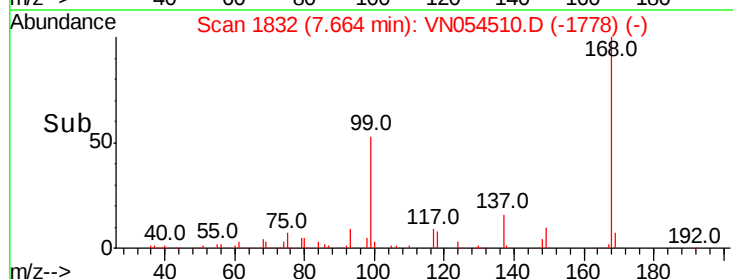
77 0.0 25.0 37.4#

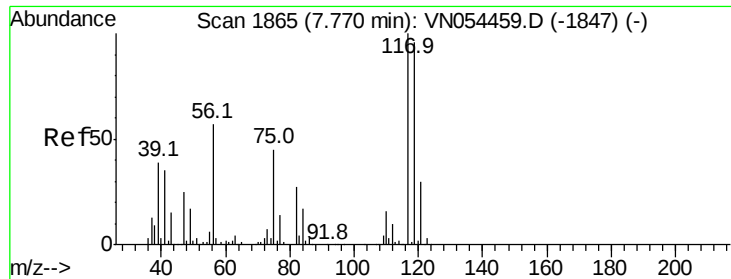


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.468 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

30211-16

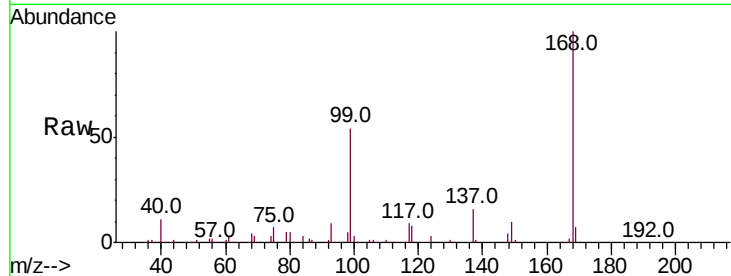
Tot Ion:117 Resp: 59068

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

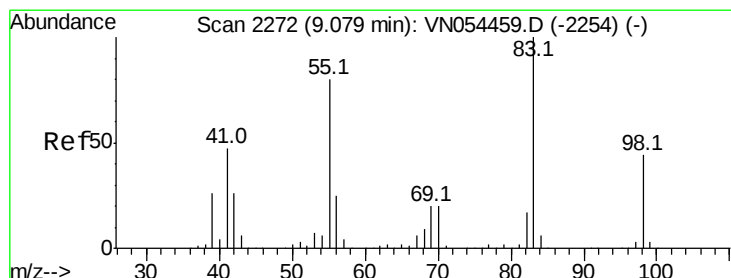
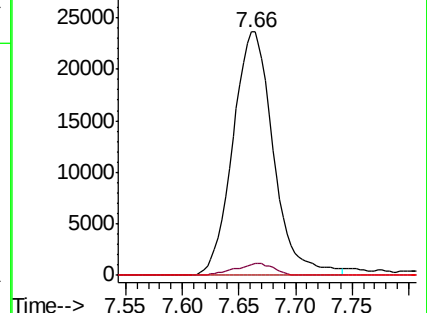
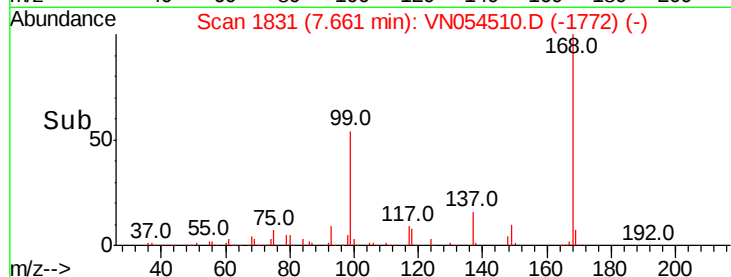
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 0.317 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

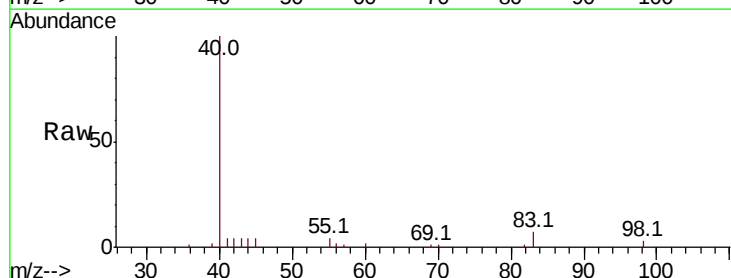
Tgt Ion: 83 Resp: 3409

Ion Ratio Lower Upper

83 100

55 68.0 56.6 84.8

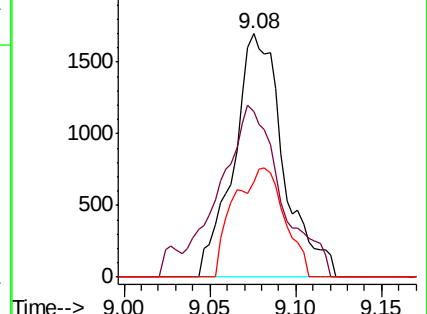
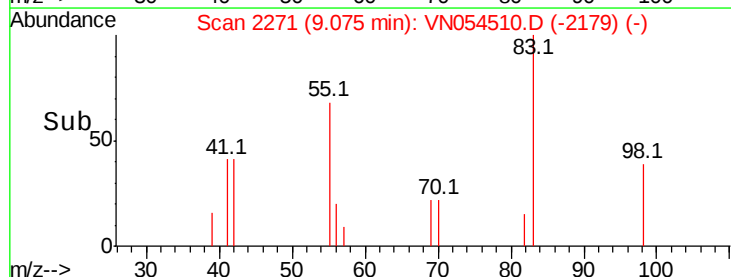
98 39.3 38.4 57.6

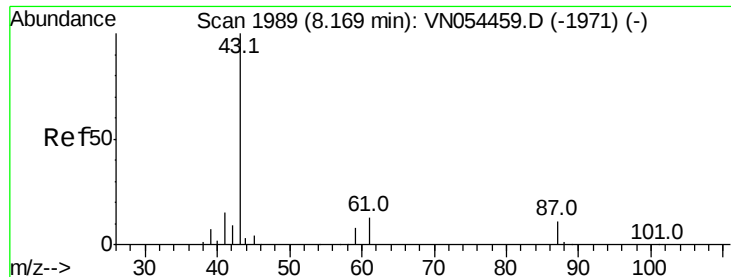


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#43

Isopropyl Acetate

Concen: 0.547 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.08 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

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30211-16

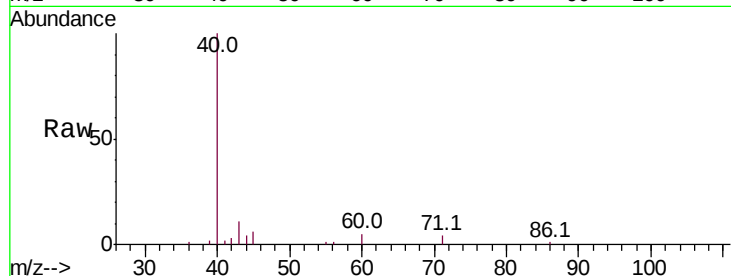
Tot Ion: 43 Resp: 6177

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

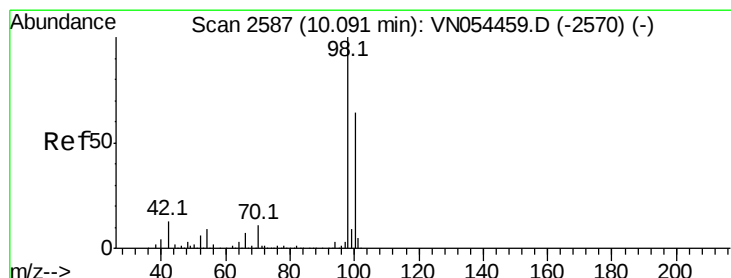
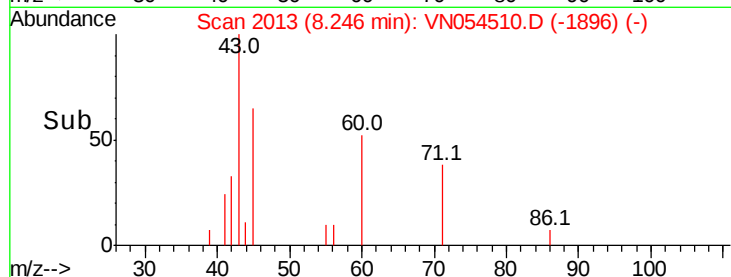
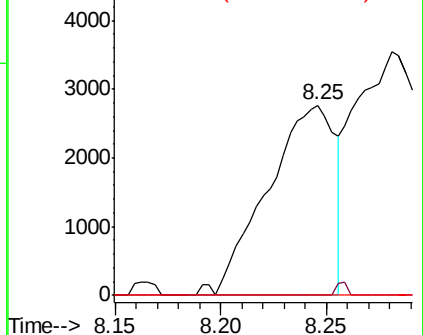
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.263 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054510.D

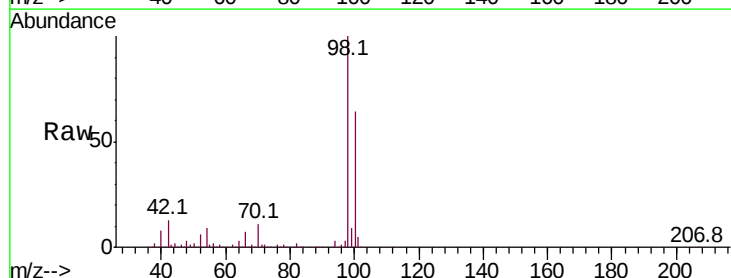
Acq: 21 Mar 2019 14:47

Tgt Ion: 98 Resp: 1199189

Ion Ratio Lower Upper

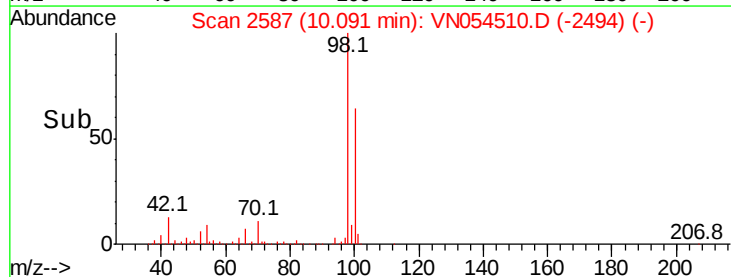
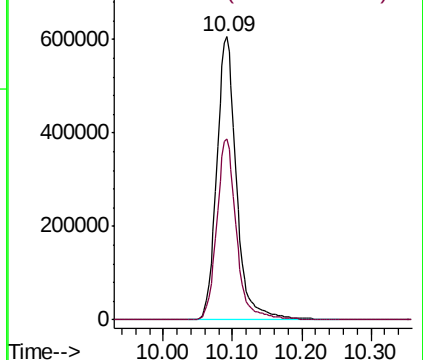
98 100

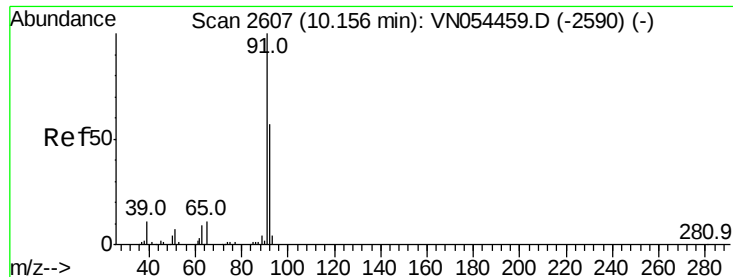
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.201 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

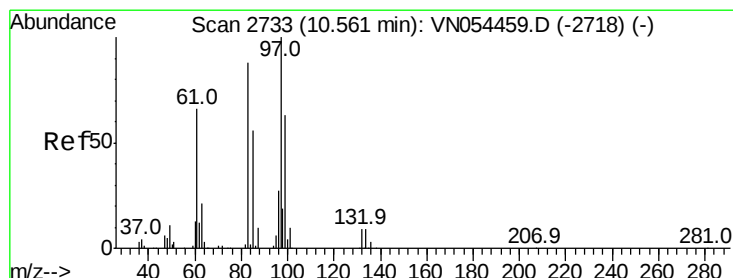
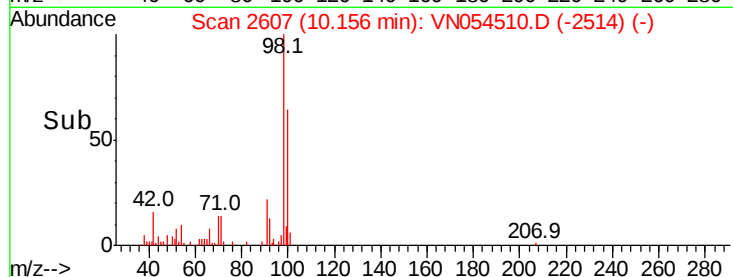
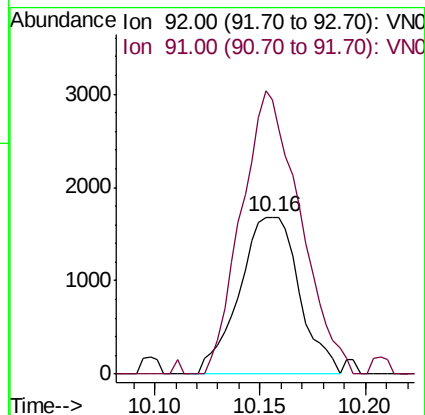
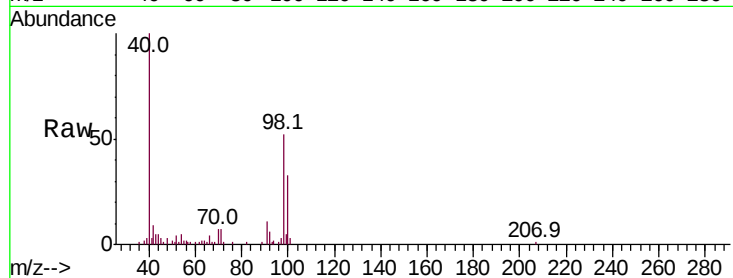
30211-16

Tot Ion: 92 Resp: 3318

Ion Ratio Lower Upper

92 100

91 176.9 140.7 211.1



#55

1,1,2-Trichloroethane

Concen: 0.825 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Tgt Ion: 97 Resp: 4902

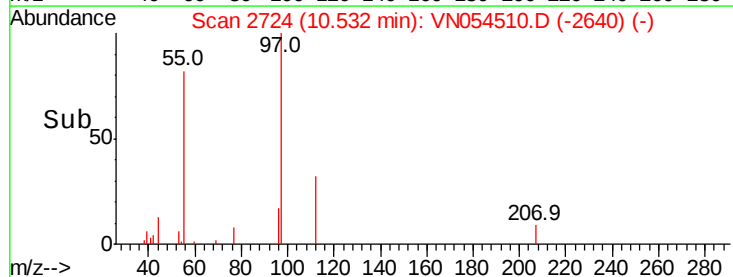
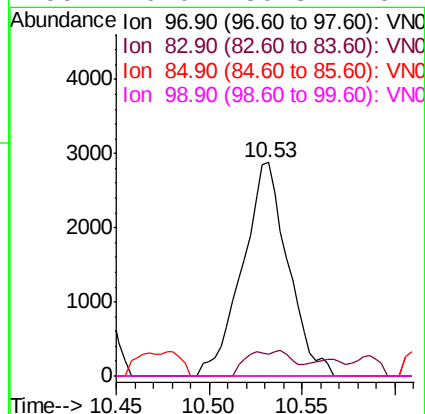
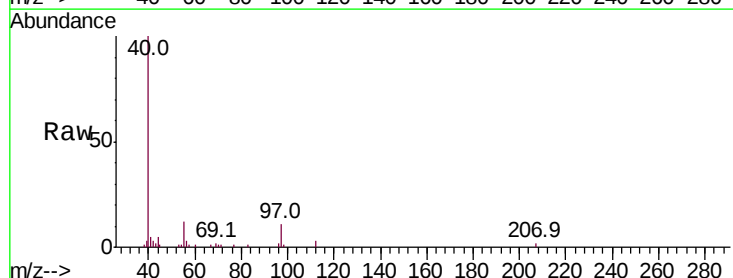
Ion Ratio Lower Upper

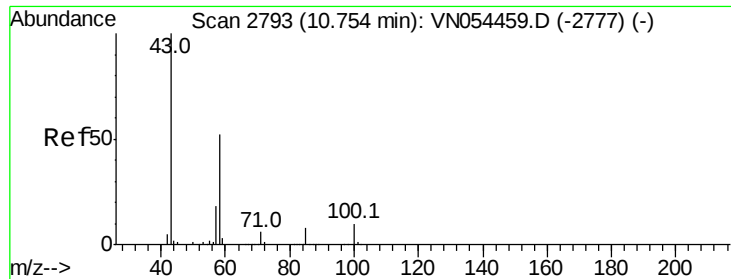
97 100

83 10.4 66.6 100.0#

85 0.0 44.4 66.6#

99 0.0 50.8 76.2#





#59

2-Hexanone

Concen: 1.208 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

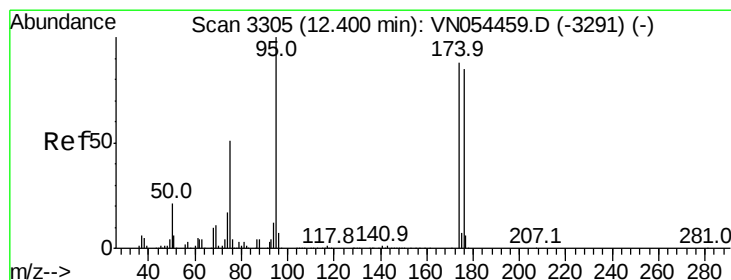
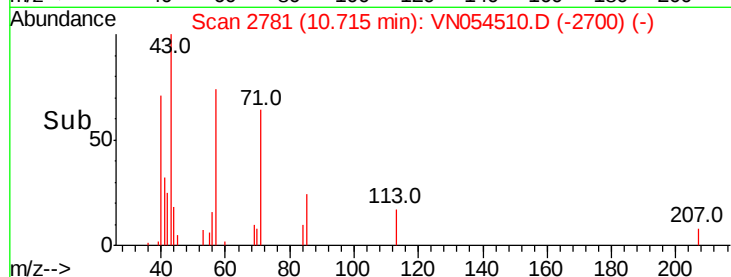
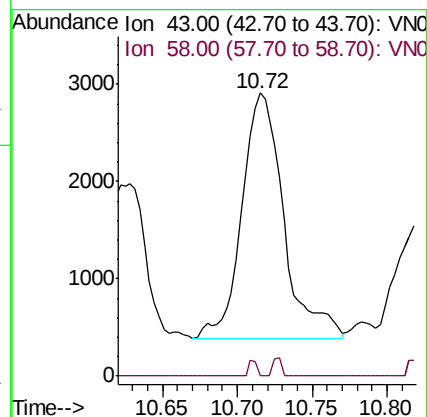
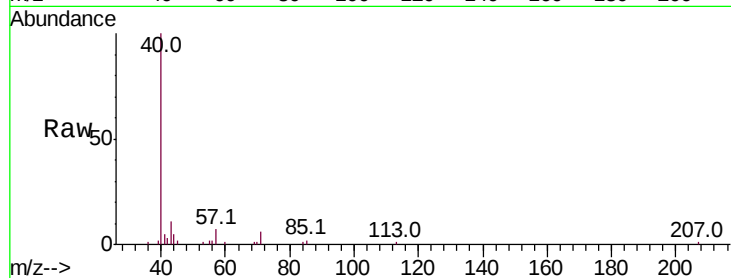
30211-16

Tot Ion: 43 Resp: 4936

Ion Ratio Lower Upper

43 100

58 1.3 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 46.197 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

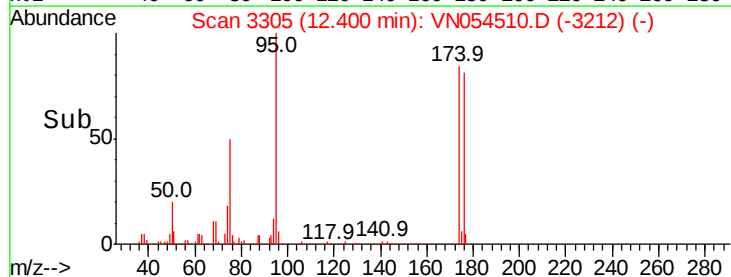
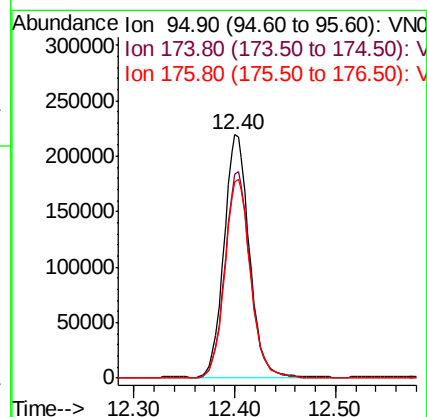
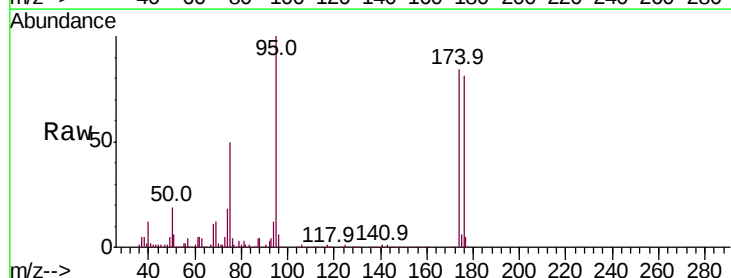
Tgt Ion: 95 Resp: 382667

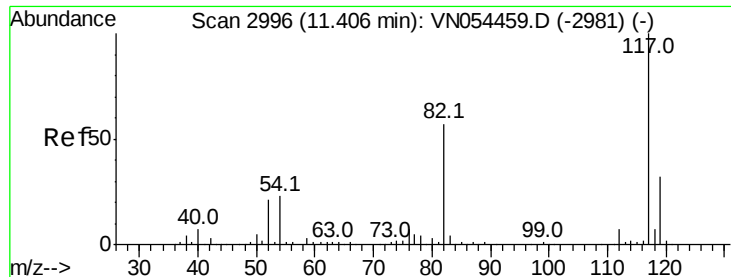
Ion Ratio Lower Upper

95 100

174 85.8 0.0 191.0

176 83.0 0.0 187.4

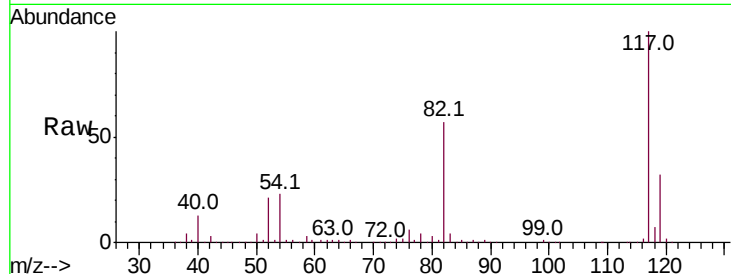




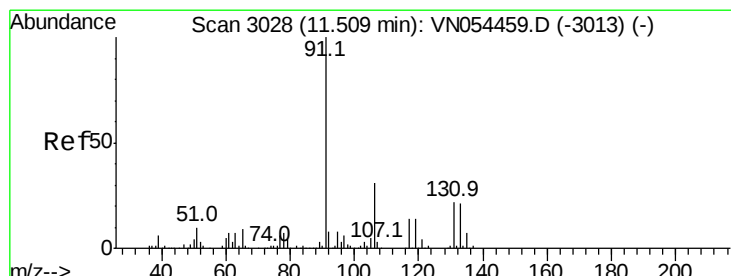
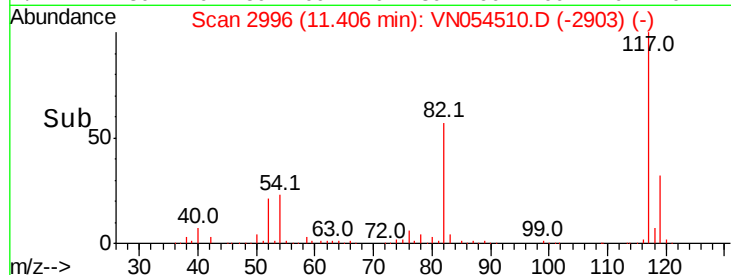
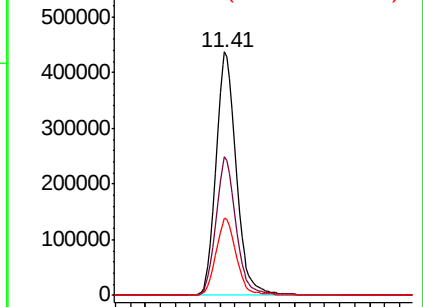
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

Instrument :
MSVOA_N
ClientSampled :
30211-16

Tot Ion:117 Resp: 825321
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 31.8 25.8 38.6

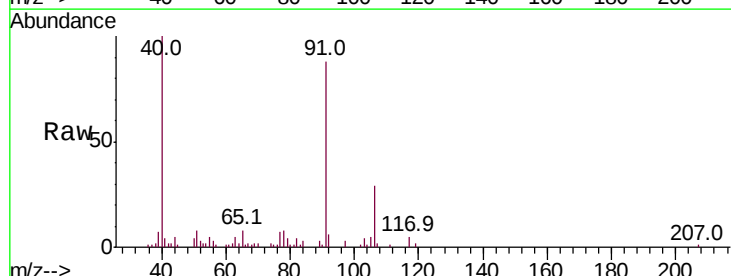


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

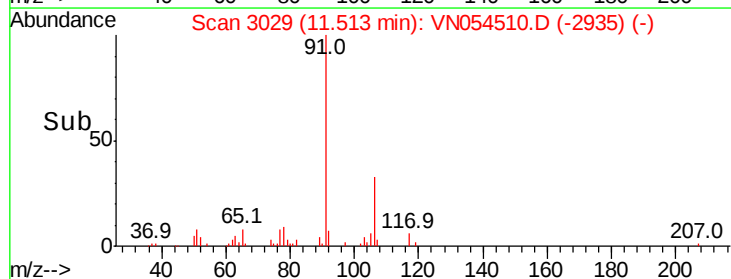
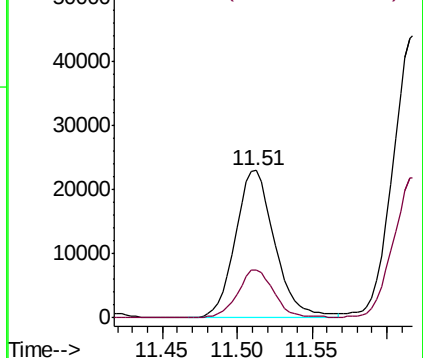


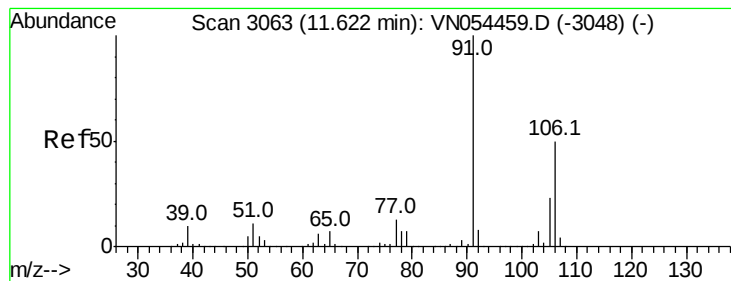
#67
Ethyl Benzene
Concen: 1.431 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

Tgt Ion: 91 Resp: 42426
Ion Ratio Lower Upper
91 100
106 32.9 25.5 38.3



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





#68

m/p-Xylenes

Concen: 3.927 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampled :

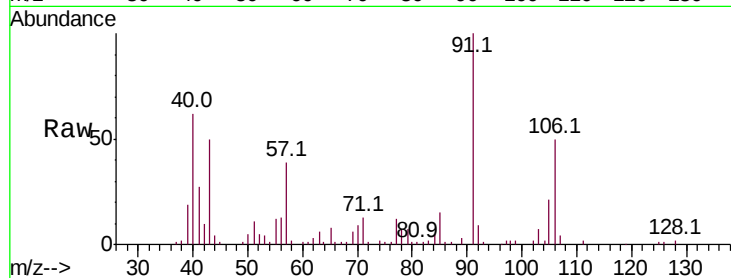
30211-16

Tot Ion:106 Resp: 44108

Ion Ratio Lower Upper

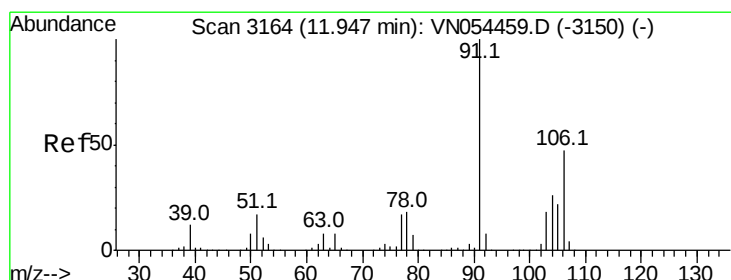
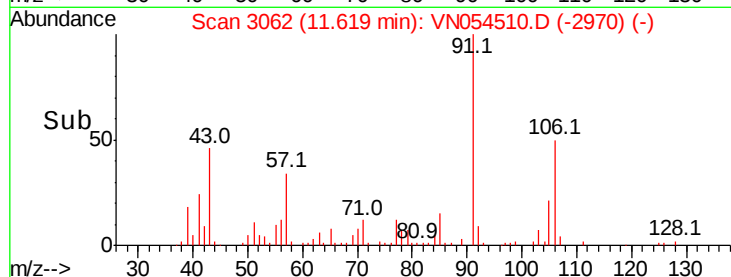
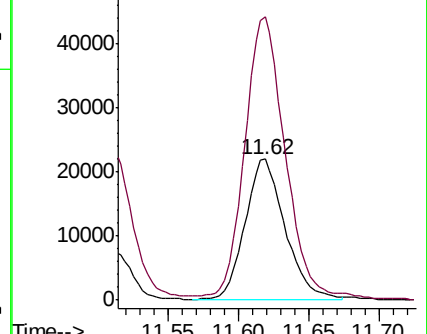
106 100

91 201.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 2.801 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054510.D

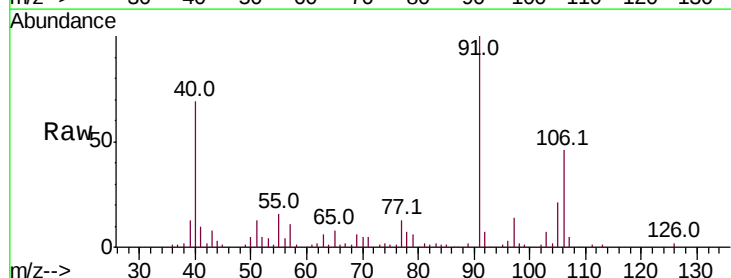
Acq: 21 Mar 2019 14:47

Tgt Ion:106 Resp: 30722

Ion Ratio Lower Upper

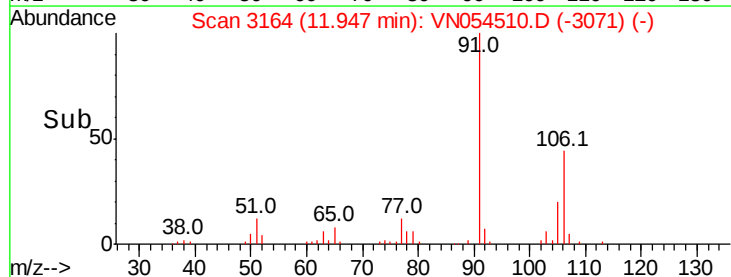
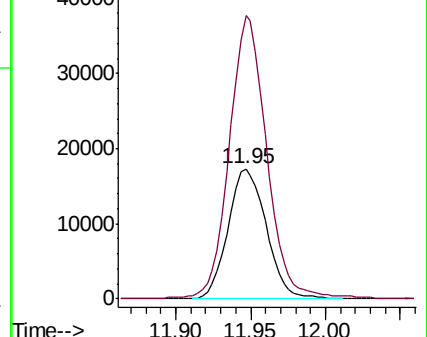
106 100

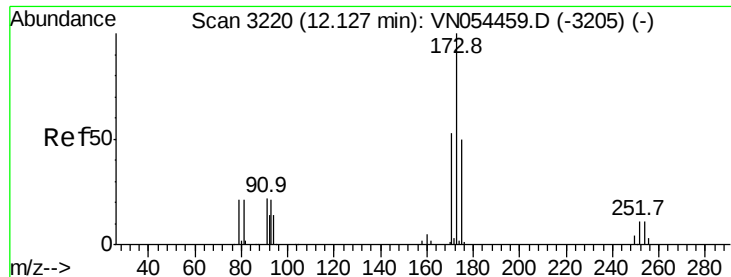
91 214.3 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.272 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.25 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

30211-16

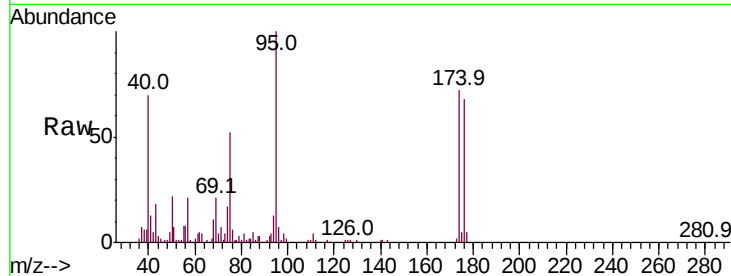
Tot Ion:173 Resp: 223

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

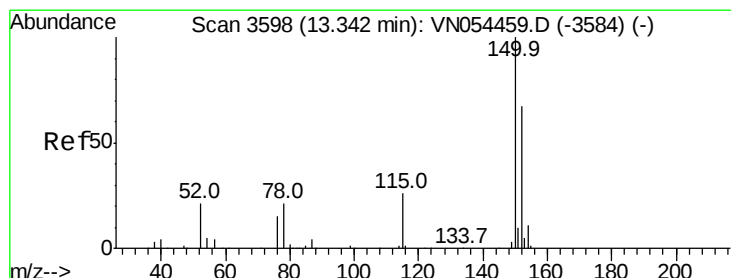
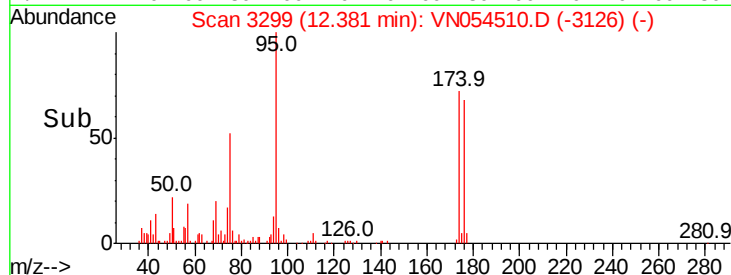
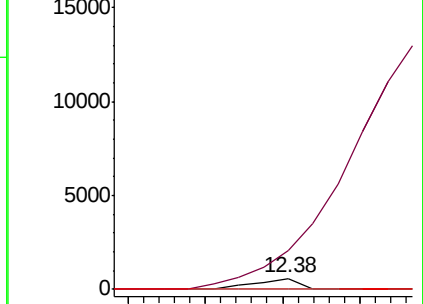
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

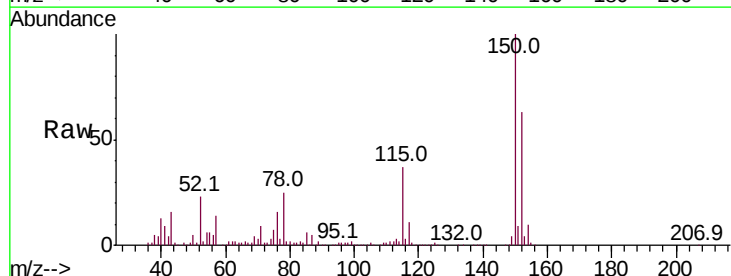
Tgt Ion:152 Resp: 367687

Ion Ratio Lower Upper

152 100

115 60.9 27.2 81.6

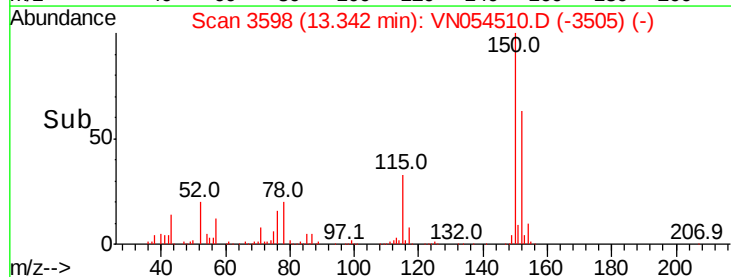
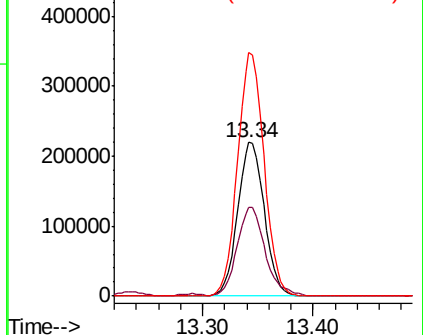
150 157.5 0.0 349.2

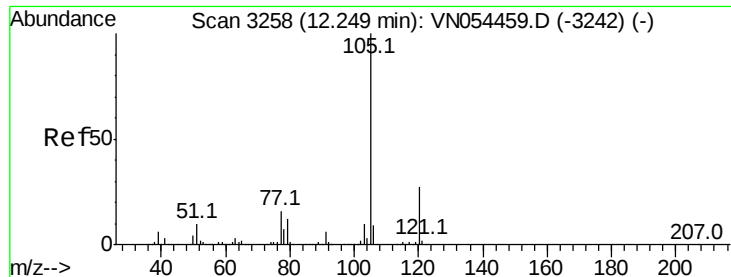


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.350 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampled :

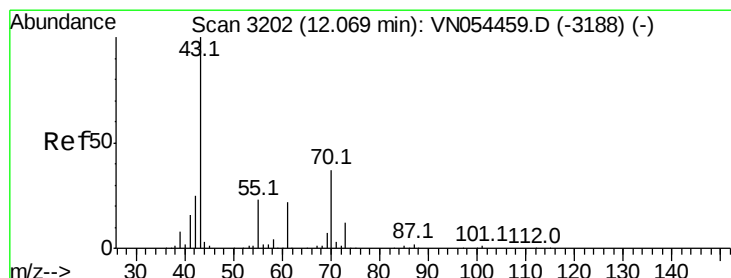
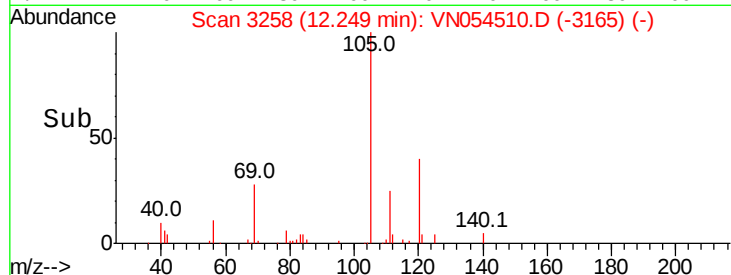
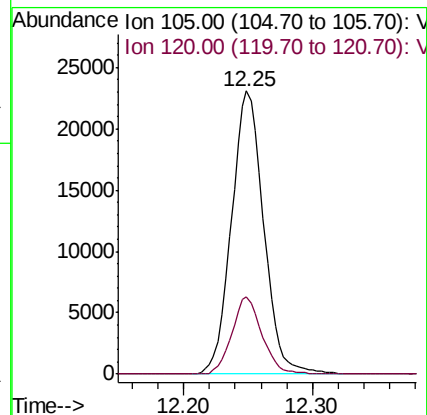
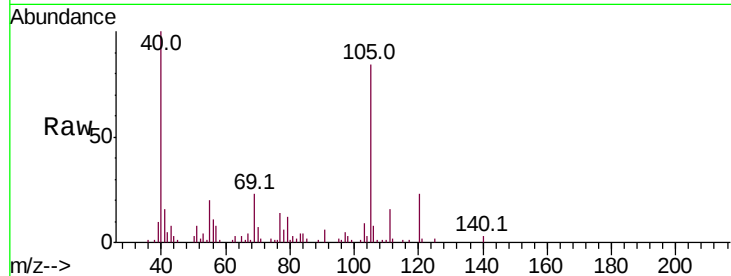
30211-16

Tot Ion:105 Resp: 39987

Ion Ratio Lower Upper

105 100

120 25.4 13.8 41.3



#74

N-ethyl acetate

Concen: 2.894 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Tgt Ion: 43 Resp: 24657

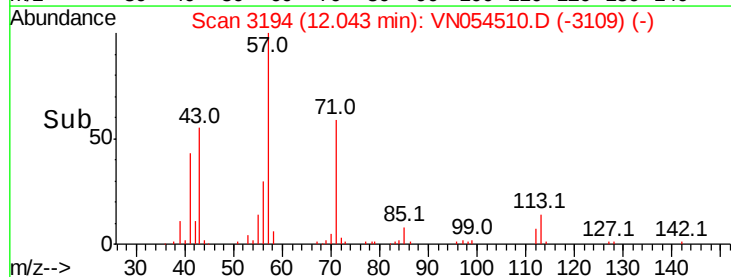
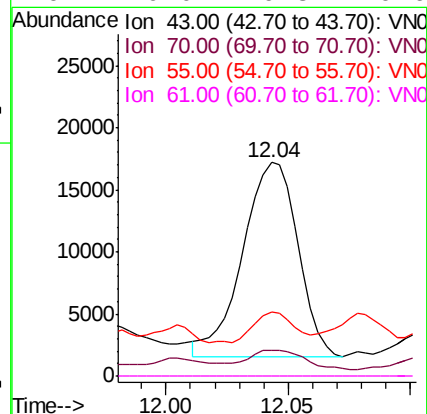
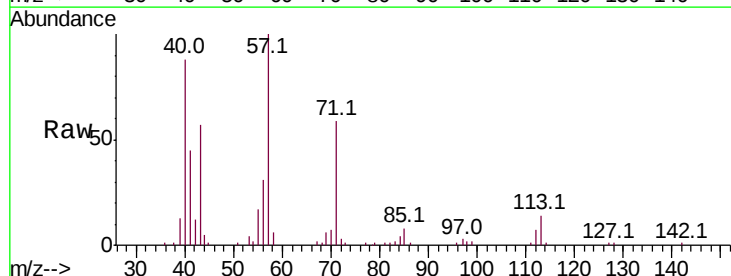
Ion Ratio Lower Upper

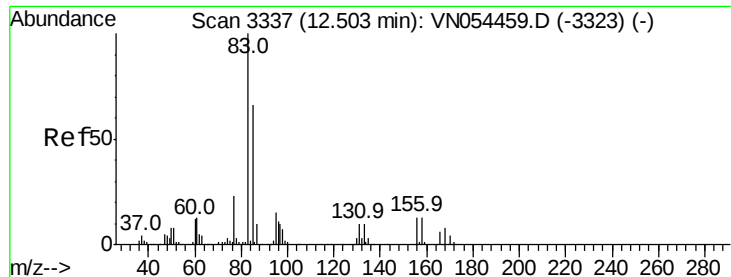
43 100

70 9.3 35.4 53.0#

55 11.0 19.8 29.6#

61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.384 ug/l

RT: 12.45 min Scan# 3320

Delta R.T. -0.05 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

30211-16

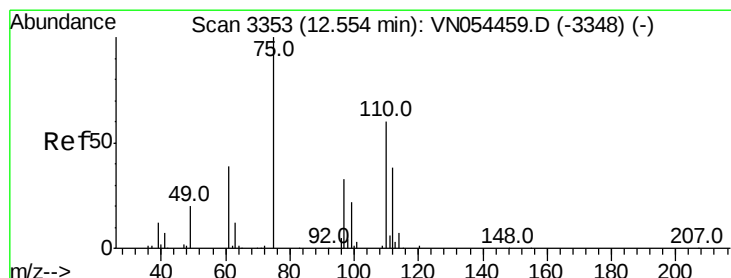
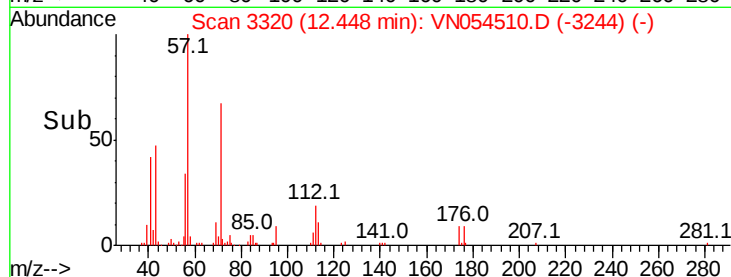
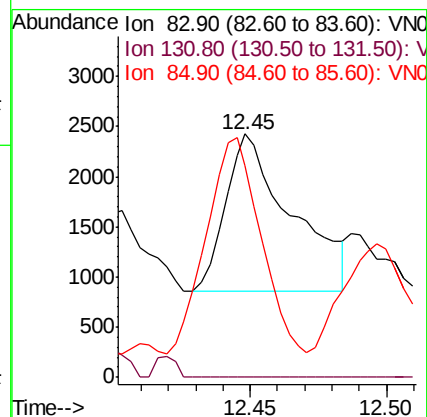
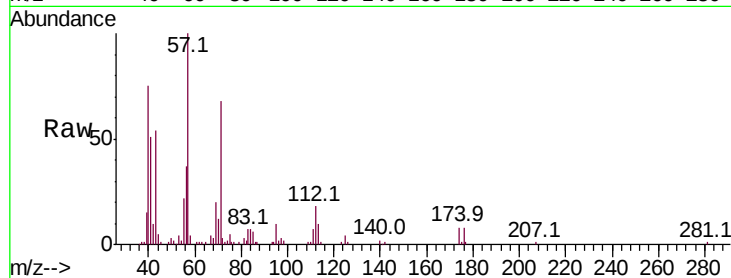
Tot Ion: 83 Resp: 2599

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 113.6 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 32.635 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054510.D

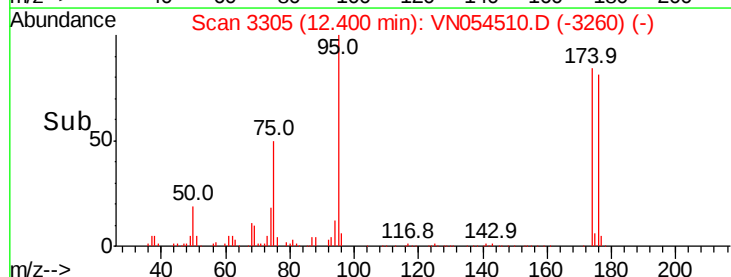
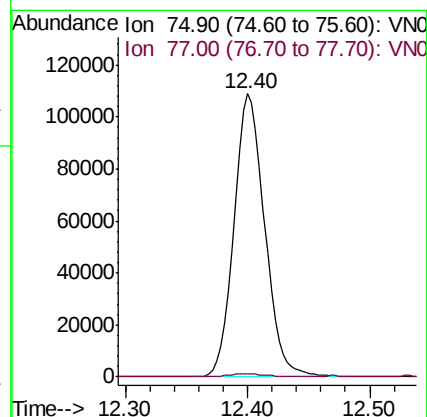
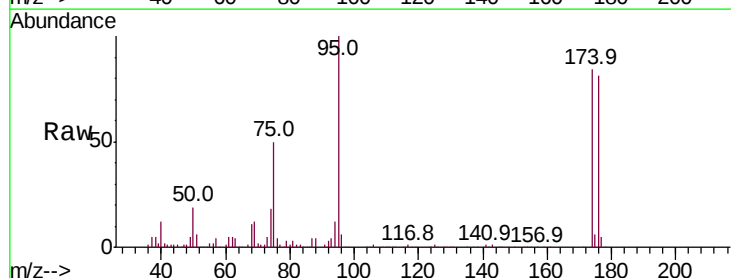
Acq: 21 Mar 2019 14:47

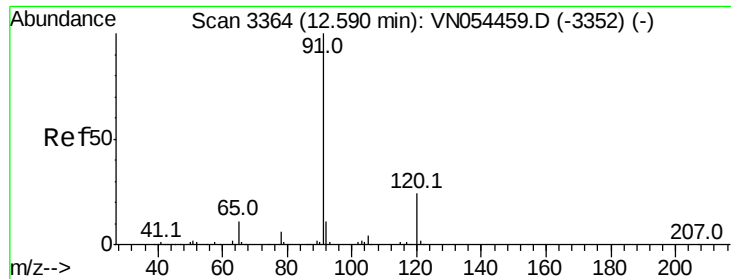
Tgt Ion: 75 Resp: 190413

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 3.572 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

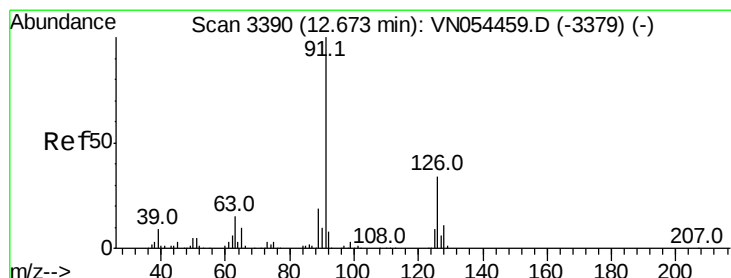
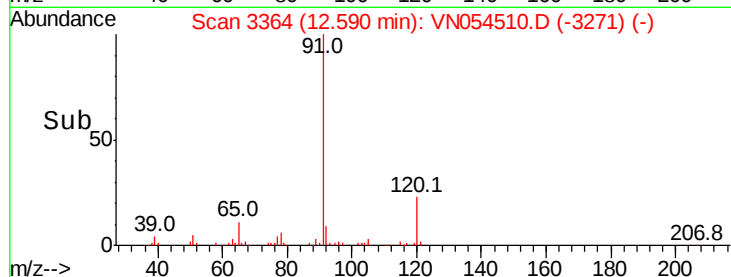
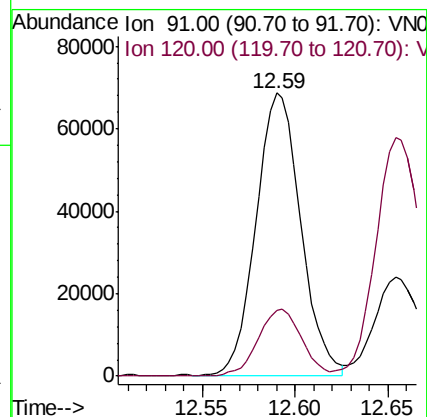
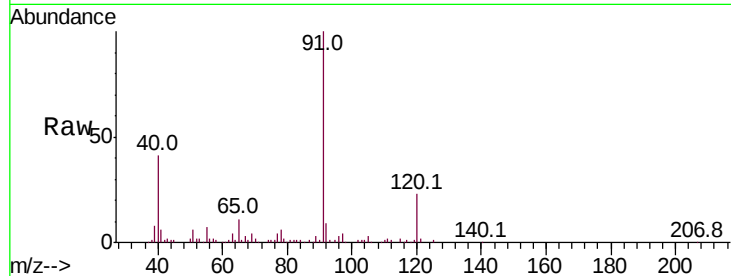
30211-16

Tot Ion: 91 Resp: 114773

Ion Ratio Lower Upper

91 100

120 23.3 12.3 36.9



#79

2-Chlorotoluene

Concen: 1.827 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054510.D

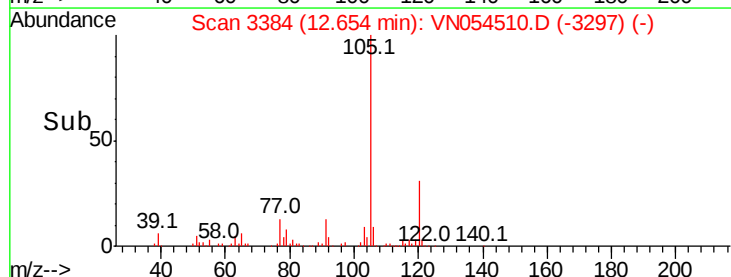
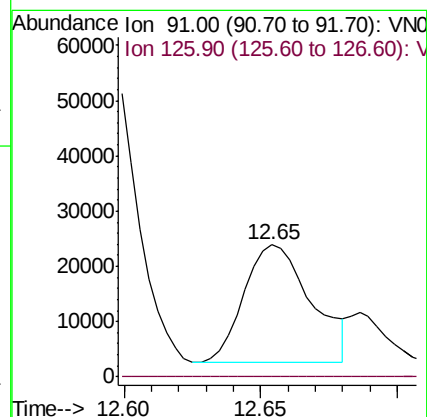
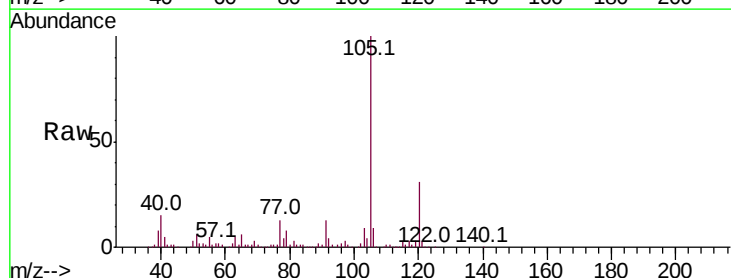
Acq: 21 Mar 2019 14:47

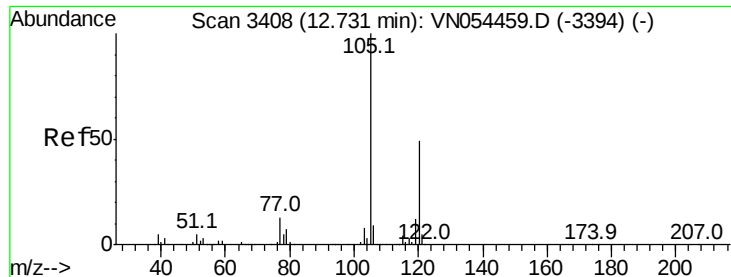
Tgt Ion: 91 Resp: 36601

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 5.982 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

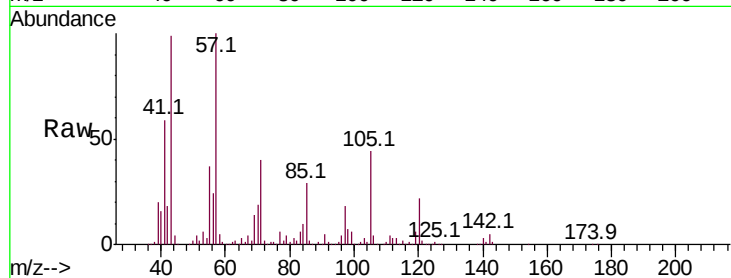
30211-16

Tot Ion:105 Resp: 145254

Ion Ratio Lower Upper

105 100

120 48.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

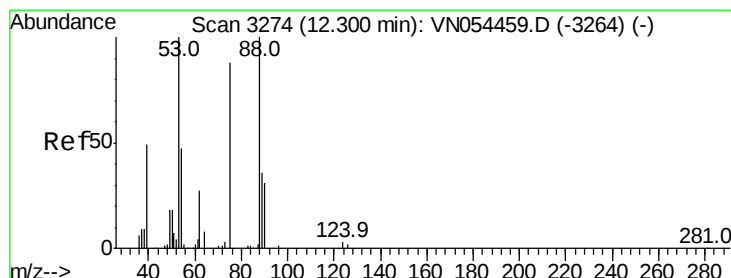
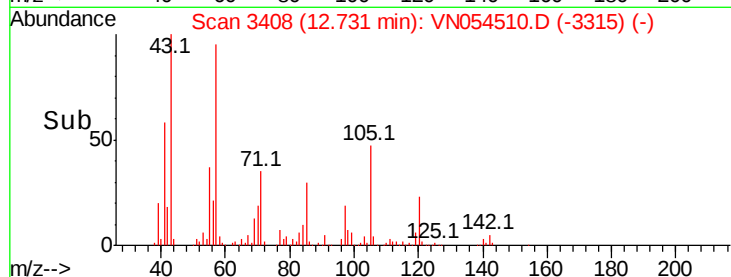
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.539 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

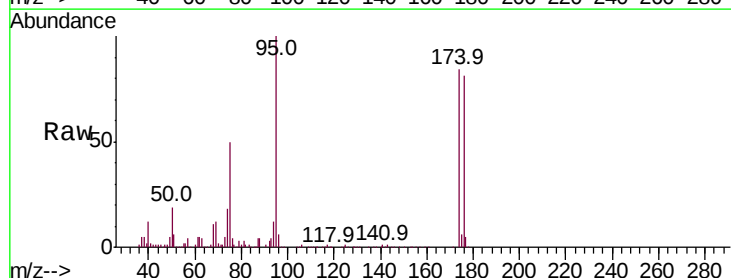
Tgt Ion: 75 Resp: 190413

Ion Ratio Lower Upper

75 100

53 0.3 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

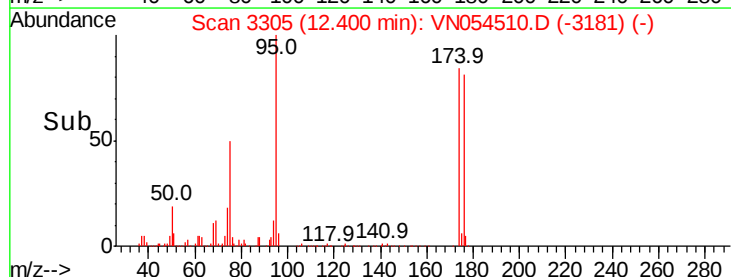
150000

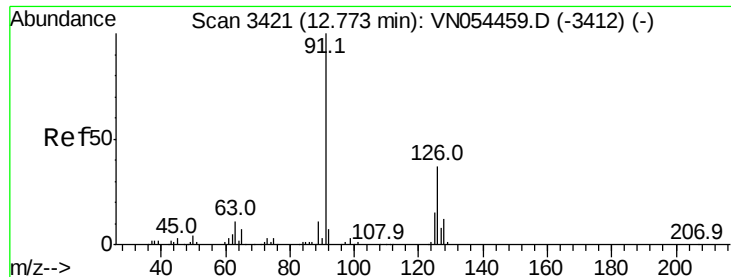
100000

50000

0

Time-->





#82

4-Chlorotoluene

Concen: 0.756 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

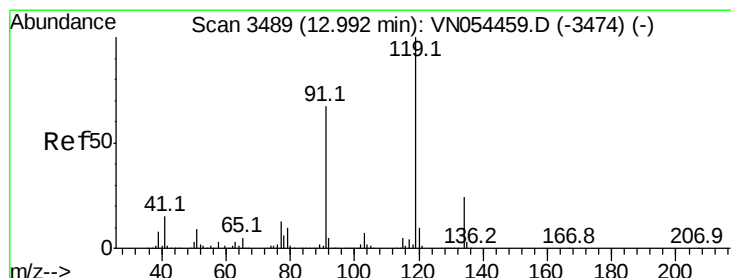
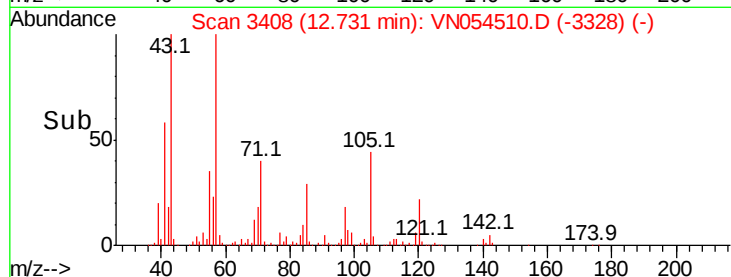
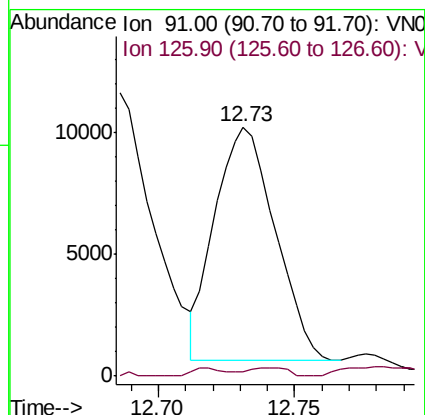
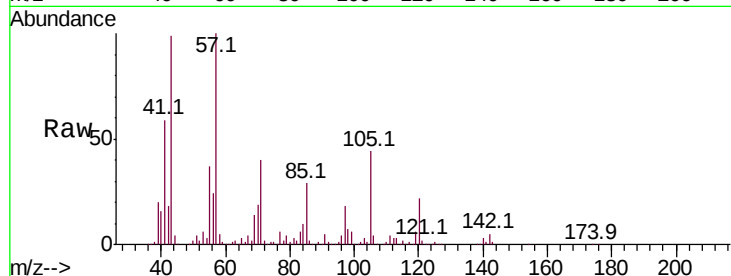
30211-16

Tot Ion: 91 Resp: 14689

Ion Ratio Lower Upper

91 100

126 2.3 18.1 54.1#



#83

tert-Butylbenzene

Concen: 3.185 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

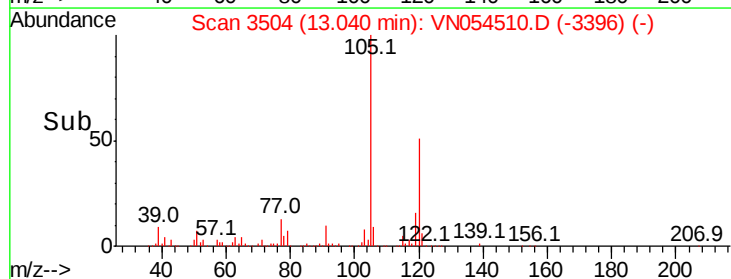
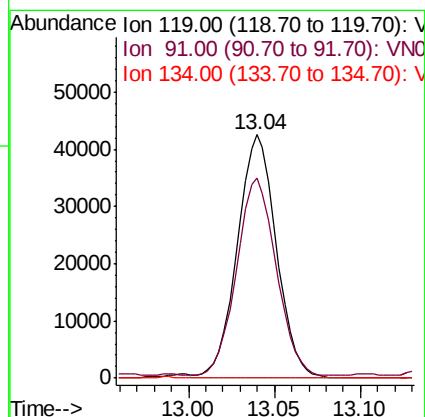
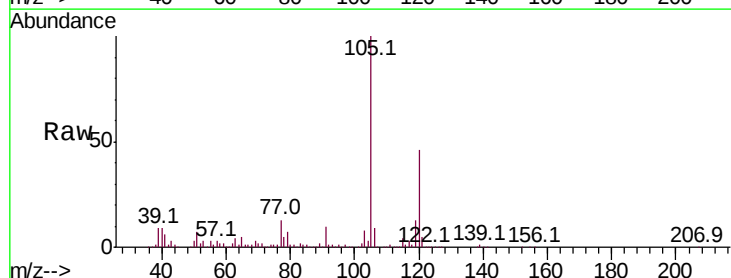
Tgt Ion: 119 Resp: 67329

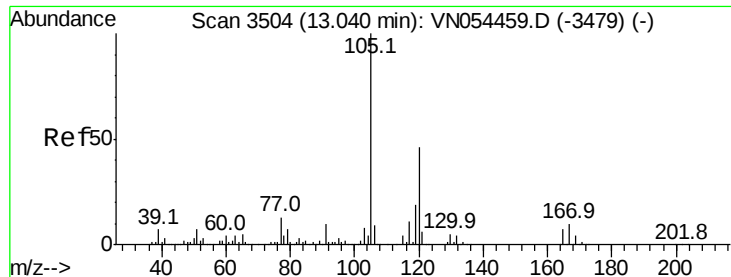
Ion Ratio Lower Upper

119 100

91 82.0 30.9 92.8

134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 22.316 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

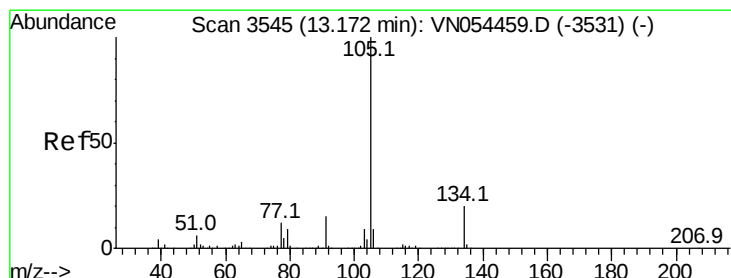
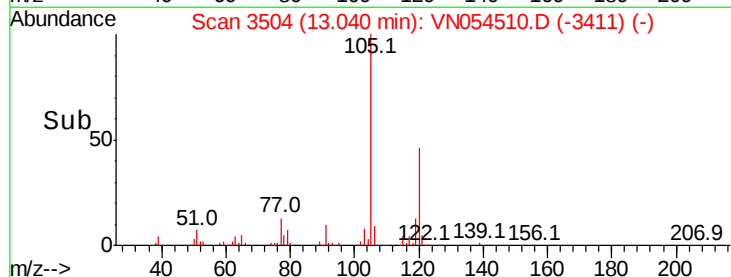
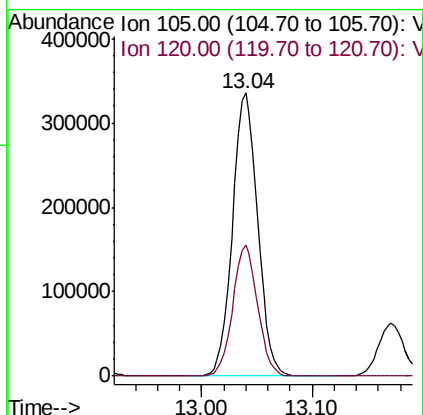
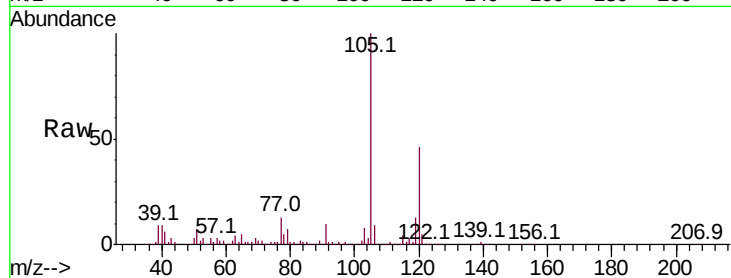
30211-16

Tot Ion:105 Resp: 531725

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.3



#85

sec-Butylbenzene

Concen: 3.878 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054510.D

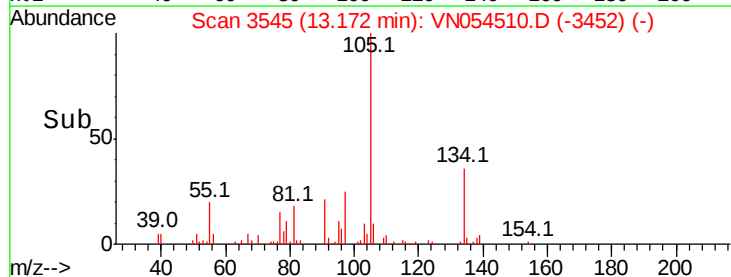
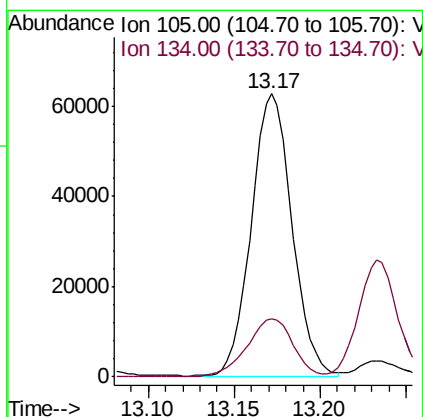
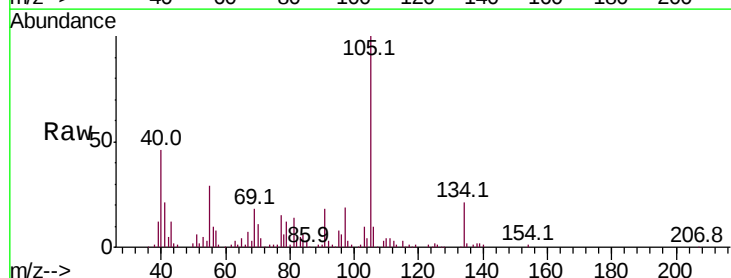
Acq: 21 Mar 2019 14:47

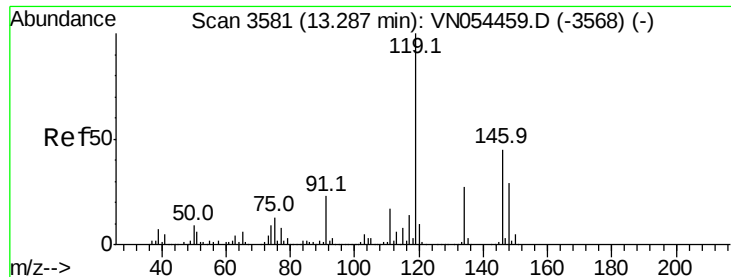
Tgt Ion:105 Resp: 102173

Ion Ratio Lower Upper

105 100

134 23.5 10.7 32.1

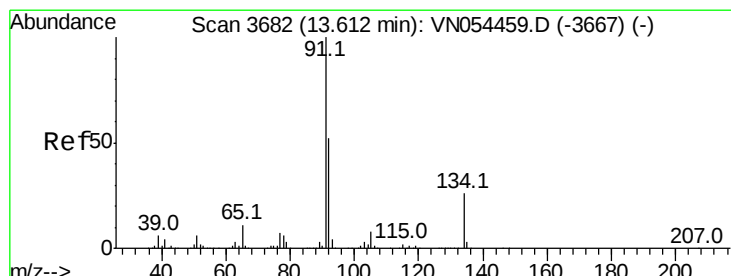
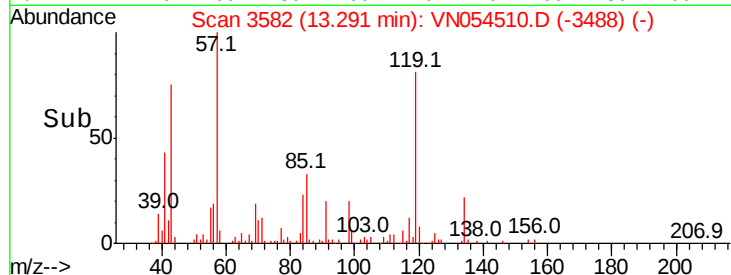
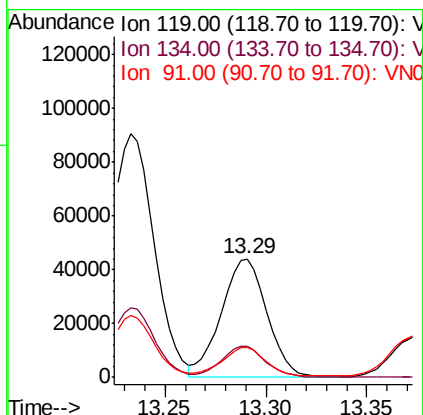
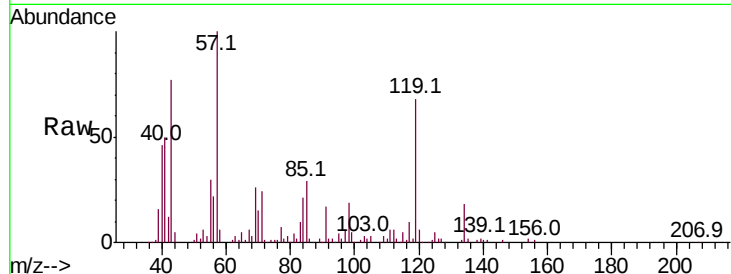




#86
p-Isopropyltoluene
Concen: 2.937 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

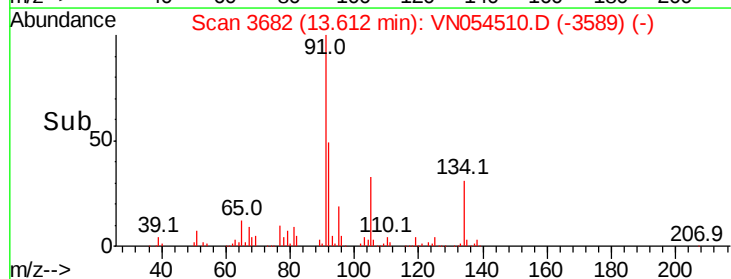
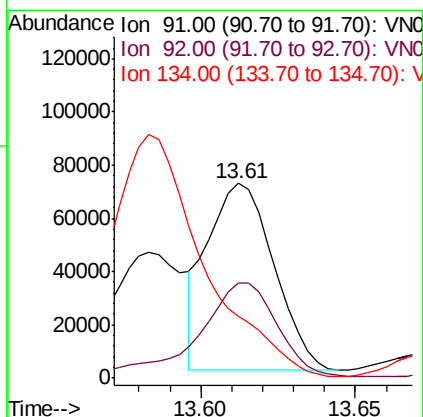
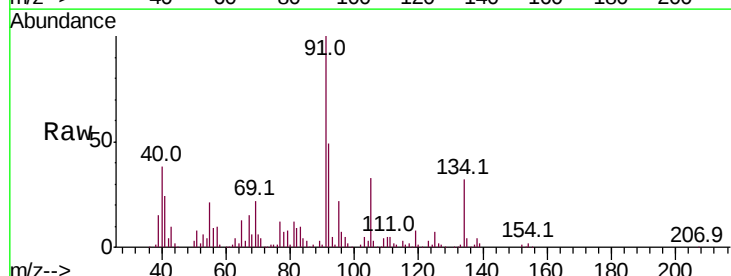
Instrument :
MSVOA_N
ClientSampled :
30211-16

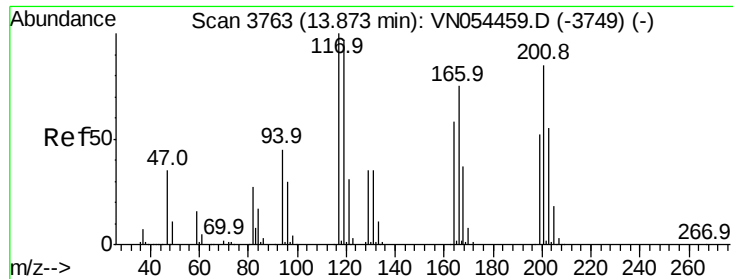
Tot Ion: 119 Resp: 69247
Ion Ratio Lower Upper
119 100
134 25.4 13.6 40.8
91 23.3 11.1 33.3



#89
n-Butylbenzene
Concen: 5.701 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054510.D
Acq: 21 Mar 2019 14:47

Tgt Ion: 91 Resp: 105090
Ion Ratio Lower Upper
91 100
92 59.3 26.2 78.6
134 0.0 14.3 42.9#





#90

Hexachloroethane

Concen: 9.780 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

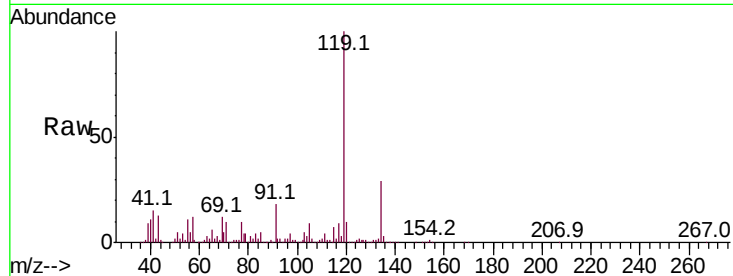
30211-16

Tot Ion:117 Resp: 35786

Ion Ratio Lower Upper

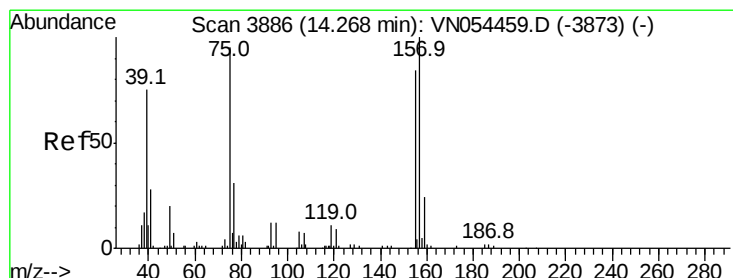
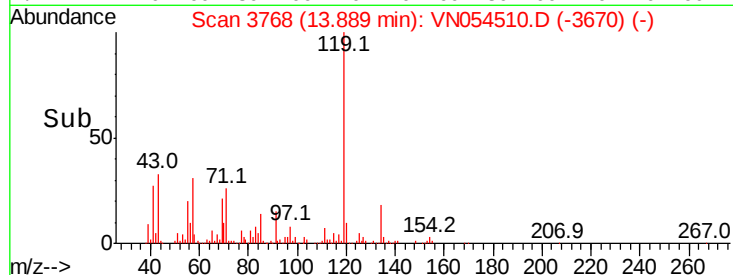
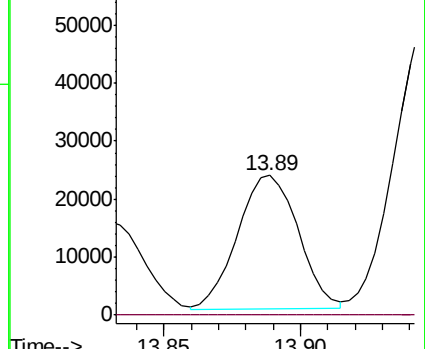
117 100

201 0.0 48.1 144.4#



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: 1.714 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

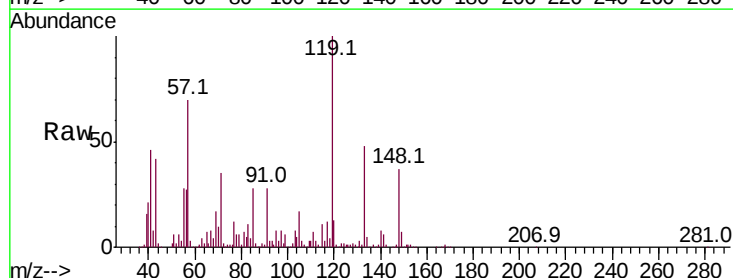
Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

75 100

155 48.4 50.1 150.3#

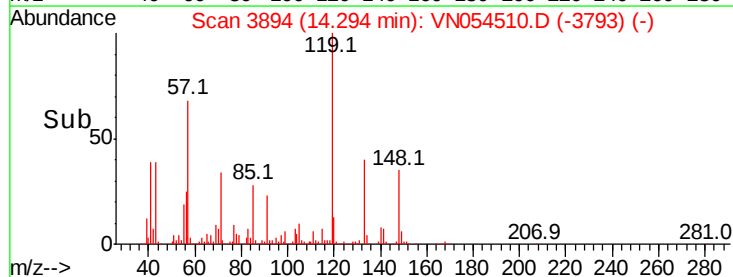
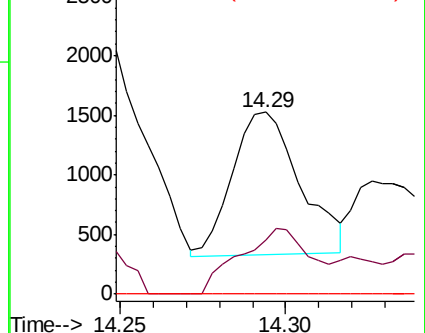
157 0.0 63.1 189.3#

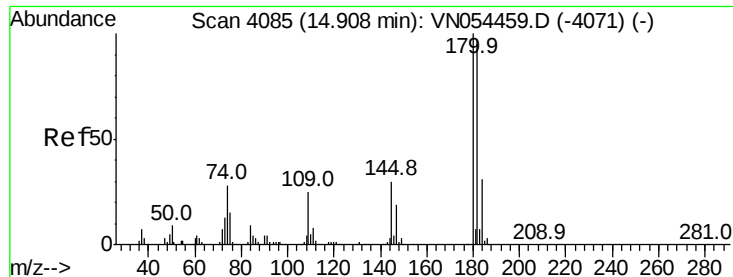


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

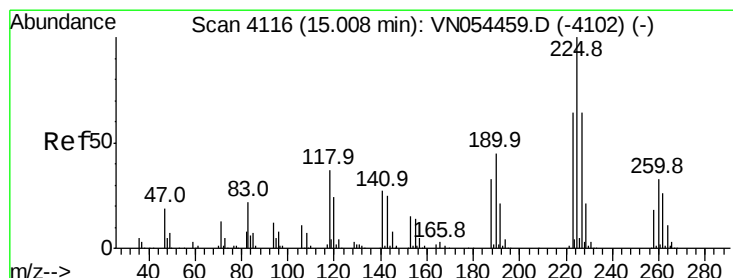
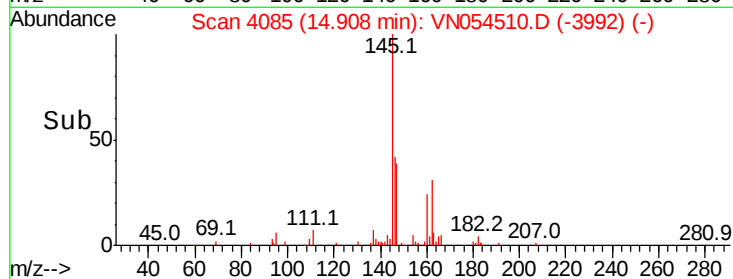
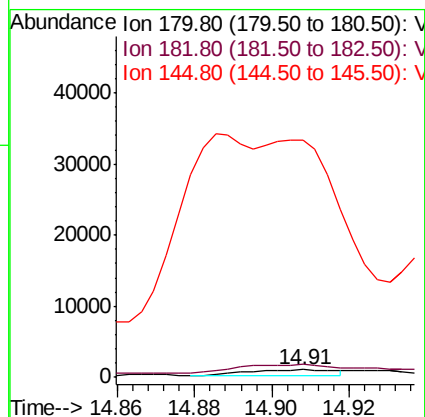
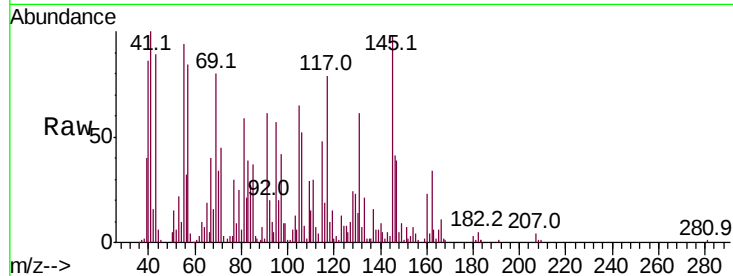




#93
 1,2,4-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054510.D
 Acq: 21 Mar 2019 14:47

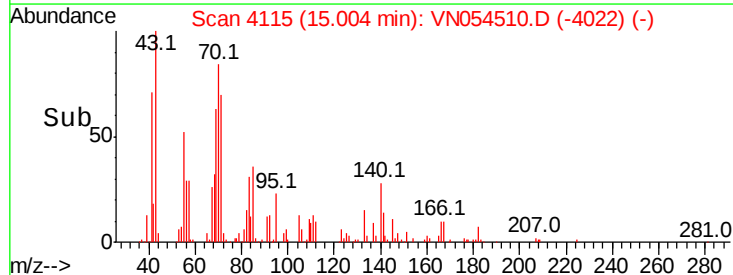
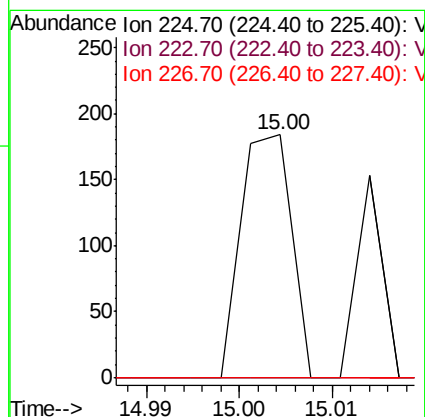
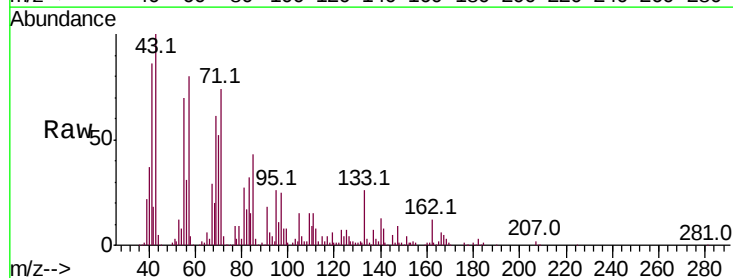
Instrument :
 MSVOA_N
 ClientSampled :
 30211-16

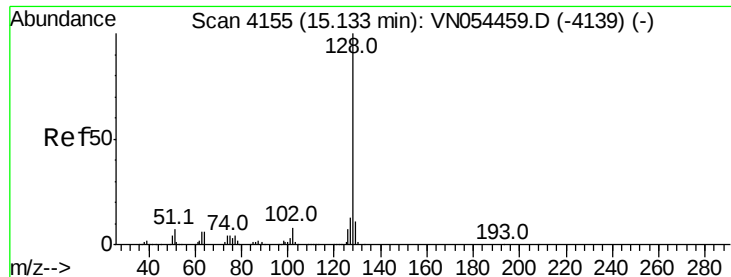
Tot Ion:180 Resp: 1270
 Ion Ratio Lower Upper
 180 100
 182 75.4 48.0 144.2
 145 0.0 14.2 42.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN054510.D
 Acq: 21 Mar 2019 14:47

Tgt Ion:225 Resp: 70
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.5#
 227 0.0 31.9 95.9#





#95

Naphthalene

Concen: 5.167 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Instrument :

MSVOA_N

ClientSampled :

30211-16

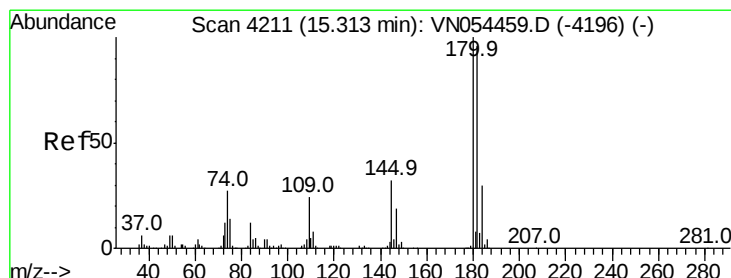
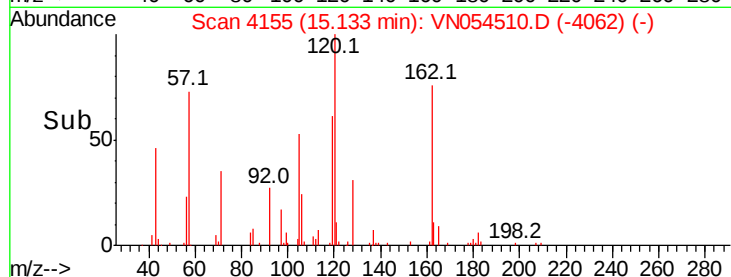
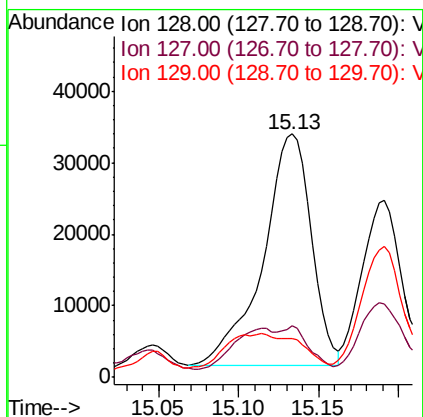
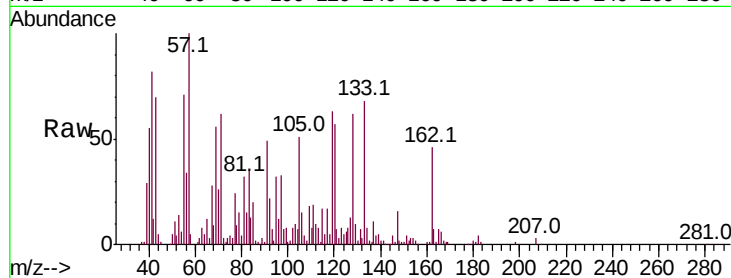
Tot Ion:128 Resp: 67771

Ion Ratio Lower Upper

128 100

127 15.2 10.1 15.1#

129 14.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.952 ug/l

RT: 15.33 min Scan# 4217

Delta R.T. 0.02 min

Lab File: VN054510.D

Acq: 21 Mar 2019 14:47

Tgt Ion:180 Resp: 5574

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.6#

145 1596.1 14.8 44.3#

