

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054385.D
 Acq On : 18 Mar 2019 11:15
 Operator : JC/SP
 Sample : K1894-04DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 19 05:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1904193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2791907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2339283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	934099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	922850	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	7.59	113	839946	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	10.09	98	3208982	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	985335	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	

Target Compounds

					Qvalue	
10) Methyl Iodide	3.95	142	124	1.501	ug/l #	73
18) Methyl Acetate	4.34	43	4302	0.367	ug/l #	67
31) Cyclohexane	7.66	56	32025	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	113501	4.414	ug/l #	48
38) Carbon Tetrachloride	7.66	117	157296	5.834	ug/l #	16
40) Benzene	8.04	78	33759	0.459	ug/l	93
43) Isopropyl Acetate	8.28	43	11116	0.429	ug/l #	60
49) 1,4-Dioxane	8.92	88	118	0.634	ug/l #	1
52) Toluene	10.16	92	33172	0.711	ug/l	91
53) t-1,3-Dichloropropene	10.17	75	82	1.989	ug/l #	80
58) 2-Chloroethyl Vinyl ether	9.43	63	59	16.834	ug/l #	44
67) Ethyl Benzene	11.51	91	731835	8.595	ug/l	99
68) m/p-Xylenes	11.62	106	1284779	38.607	ug/l	99
69) o-Xylene	11.95	106	698480	21.531	ug/l	100
70) Styrene	11.95	104	32606	0.641	ug/l #	1
71) Bromoform	12.40	173	5795	2.739	ug/l #	1
73) Isopropylbenzene	12.25	105	42600	0.570	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	465240	33.869	ug/l #	100
77) Bromobenzene	12.54	156	4060	0.205	ug/l #	1
78) n-propylbenzene	12.59	91	103386	1.275	ug/l	99
79) 2-Chlorotoluene	12.69	91	35506	0.728	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	290629	4.675	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	465240	115.780	ug/l #	11
82) 4-Chlorotoluene	12.73	91	29231	0.600	ug/l #	39
83) tert-Butylbenzene	13.04	119	205843	3.598	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	1658444	27.194	ug/l	100
85) sec-Butylbenzene	13.04	105	1658444	22.350	ug/l #	55
86) p-Isopropyltoluene	13.23	119	22127	0.340	ug/l	93
89) n-Butylbenzene	13.58	91	21700	0.439	ug/l #	1
90) Hexachloroethane	13.89	117	14850	1.378	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	912	0.370	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	620	2.546	ug/l #	81
95) Naphthalene	15.13	128	377122	12.036	ug/l	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

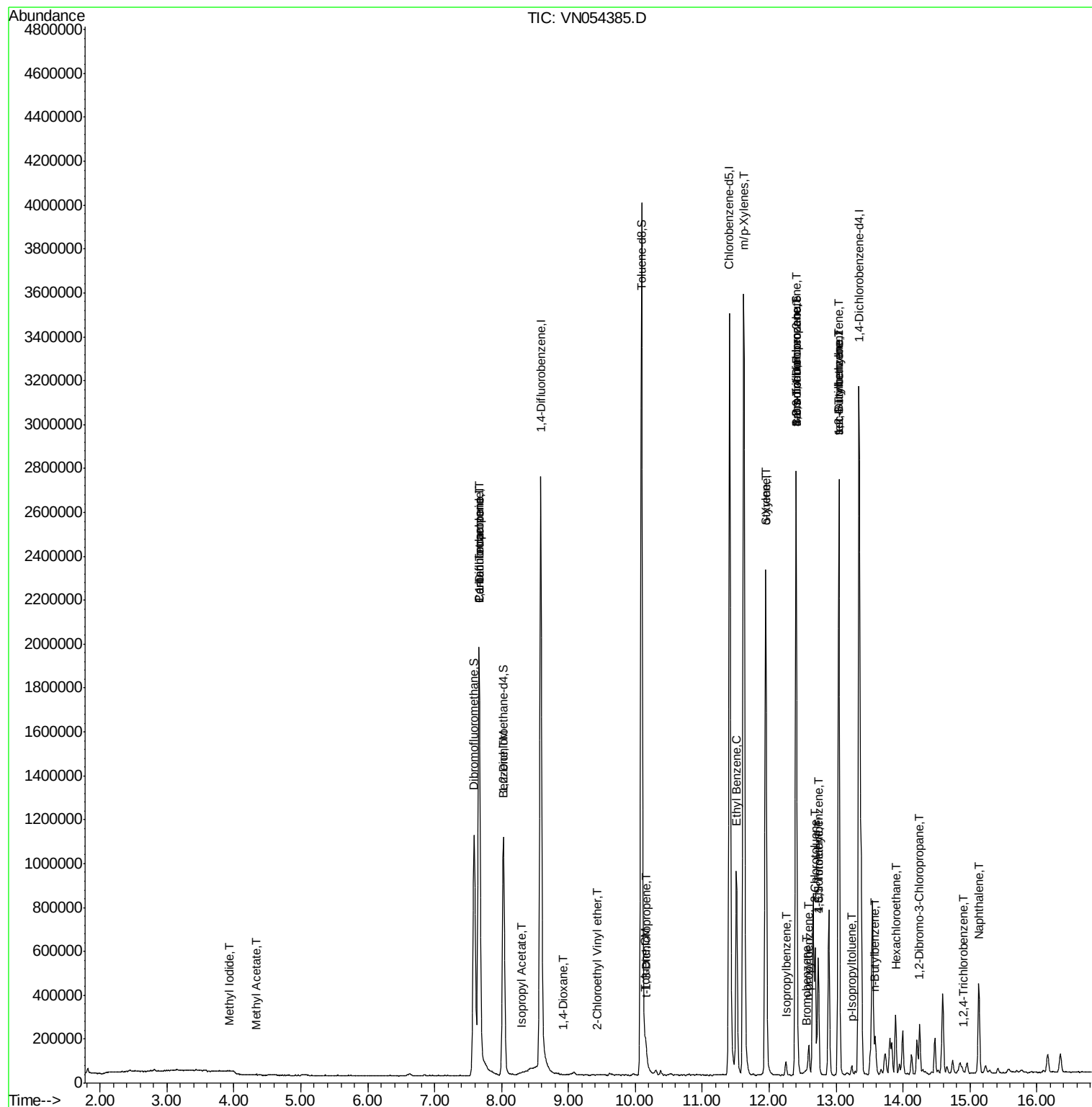
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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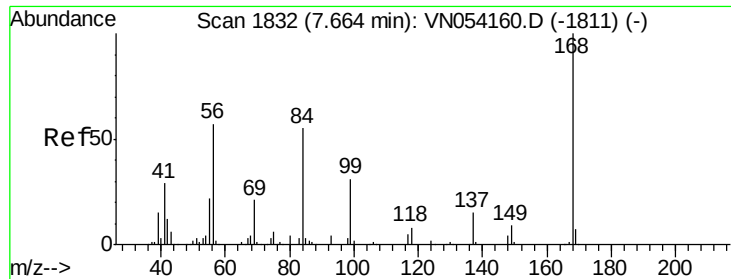
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054385.D

Acq: 18 Mar 2019 11:15

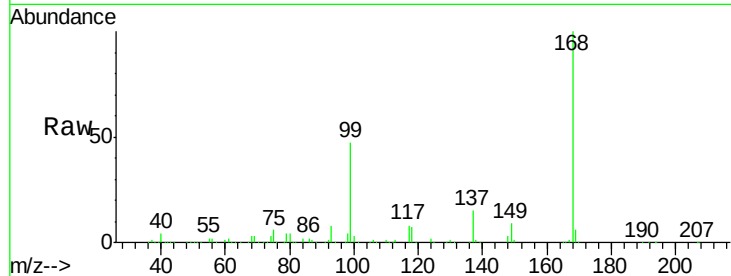
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1904193

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

800000

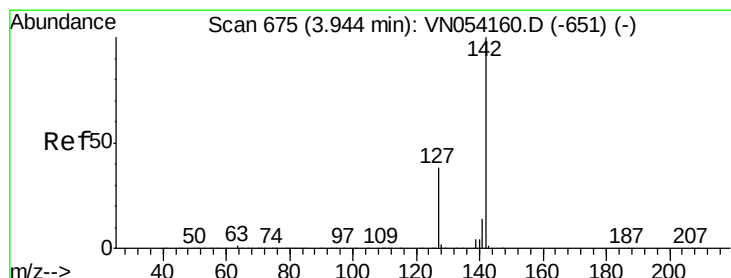
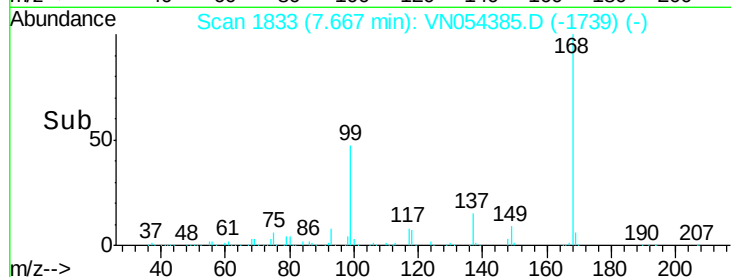
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.501 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

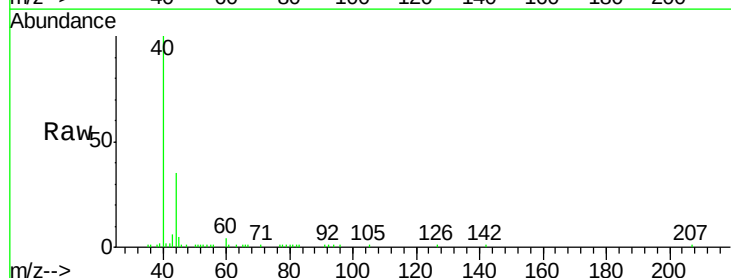
Tgt Ion:142 Resp: 124

Ion Ratio Lower Upper

142 100

127 52.4 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

300

250

200

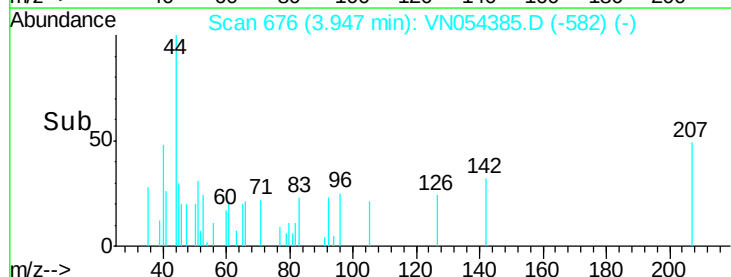
150

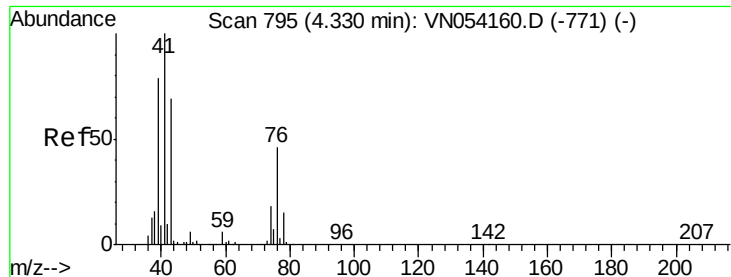
100

50

0

Time-->

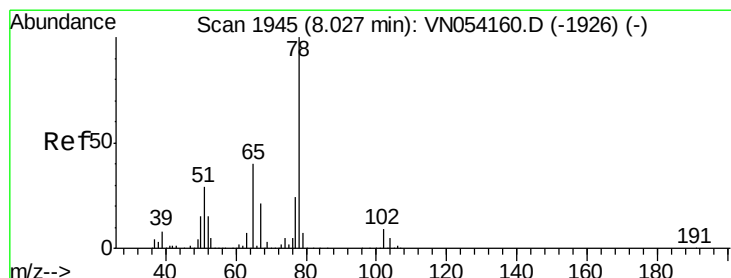
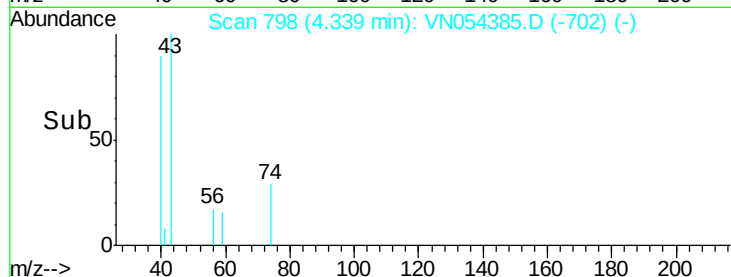
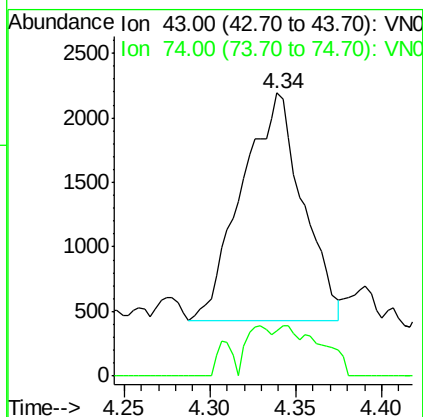
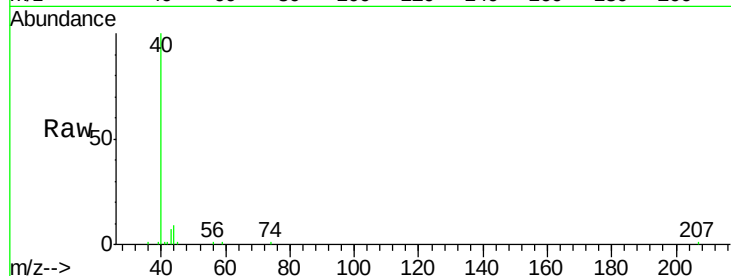




#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

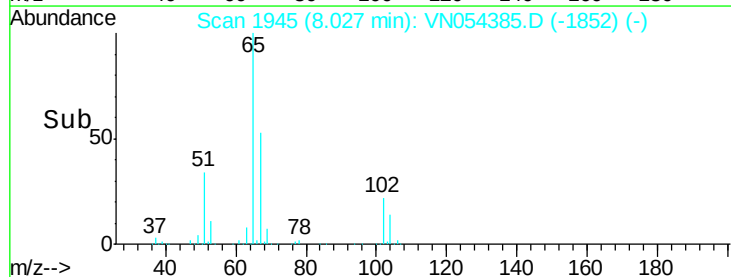
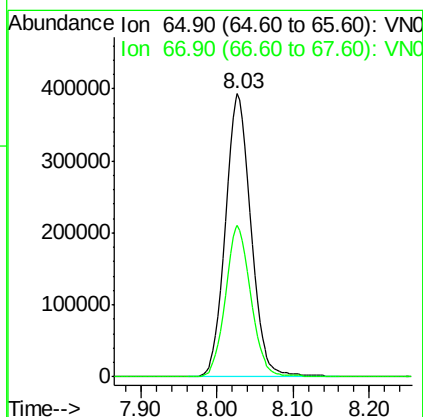
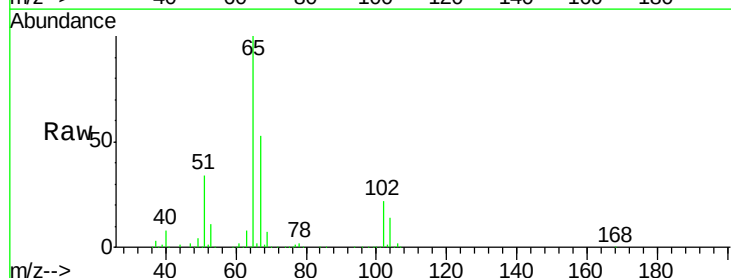
Instrument :
MSVOA_N
ClientSampled :

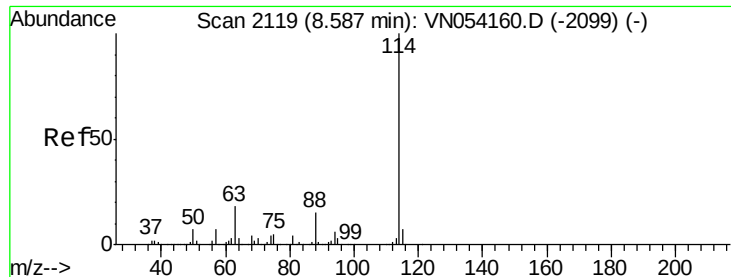
Tot Ion: 43 Resp: 4302
Ion Ratio Lower Upper
43 100
74 9.1 20.8 31.2#



#33
1,2-Dichloroethane-d4
Concen: 45.635 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

Tgt Ion: 65 Resp: 922850
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.6



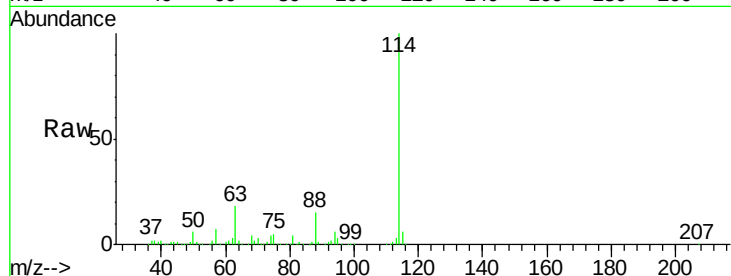


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

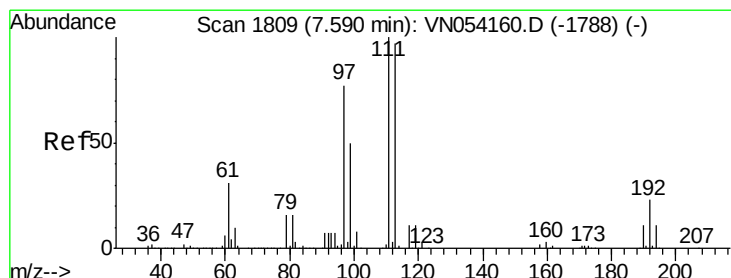
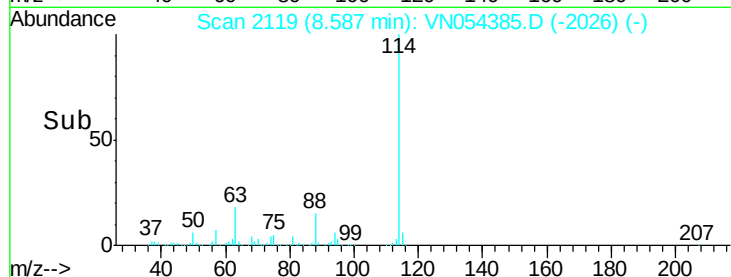
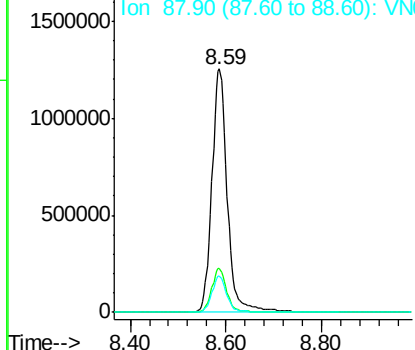
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2791907

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	14.8	0.0	30.2



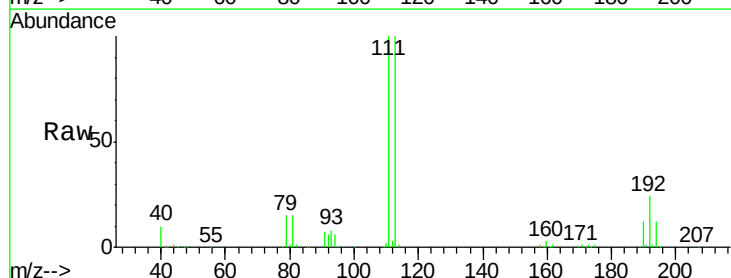
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



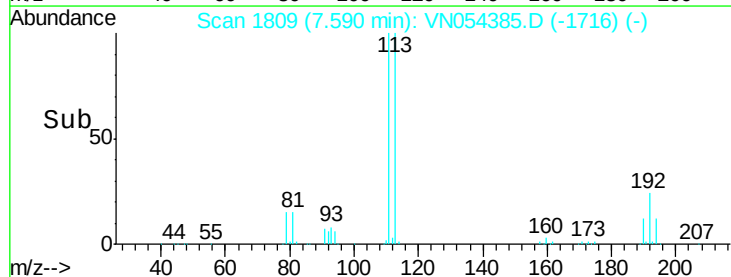
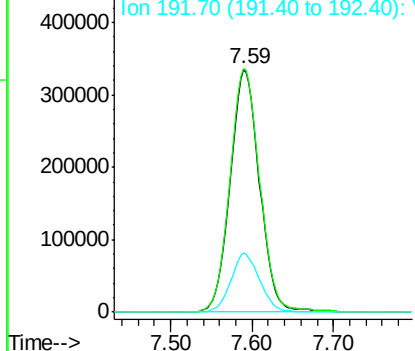
#35
 Dibromofluoromethane
 Concen: 46.646 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

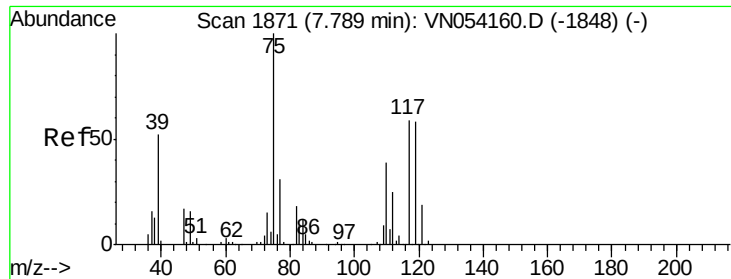
Tgt Ion:113 Resp: 839946

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	23.8	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

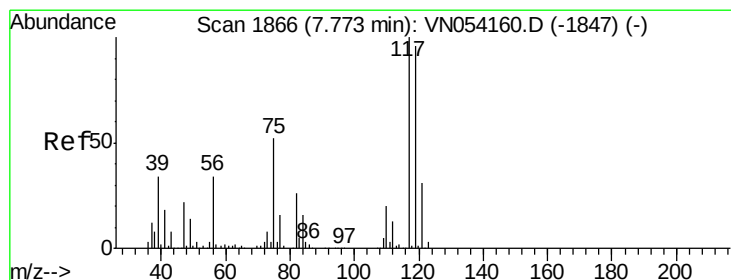
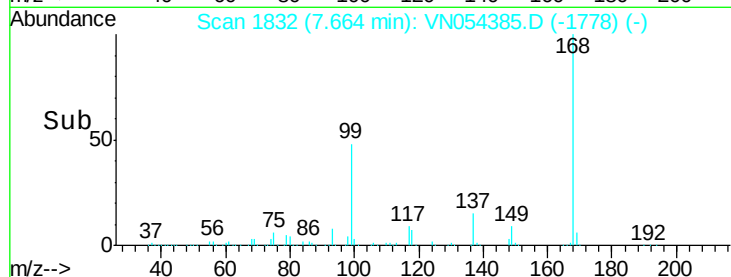
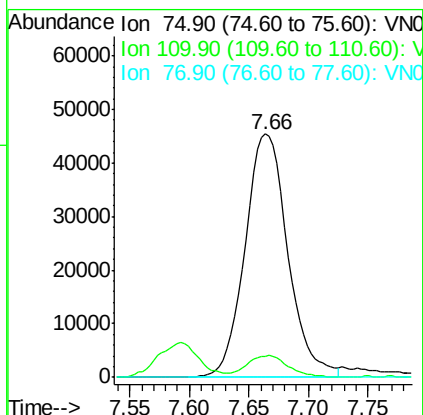
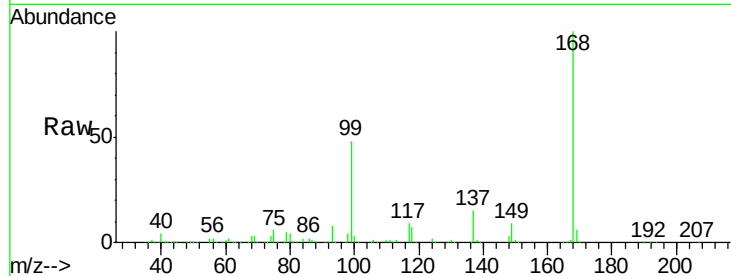




#36
 1,1-Dichloropropene
 Concen: 4.414 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

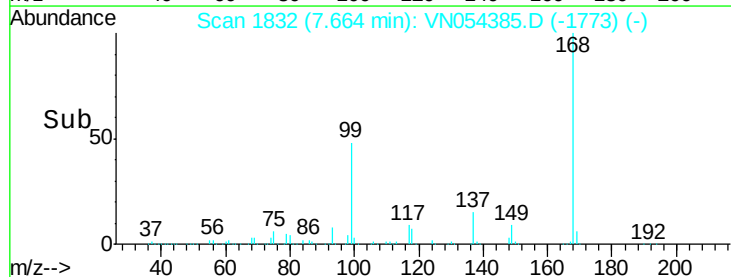
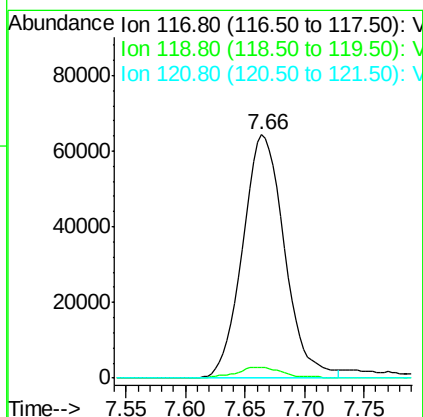
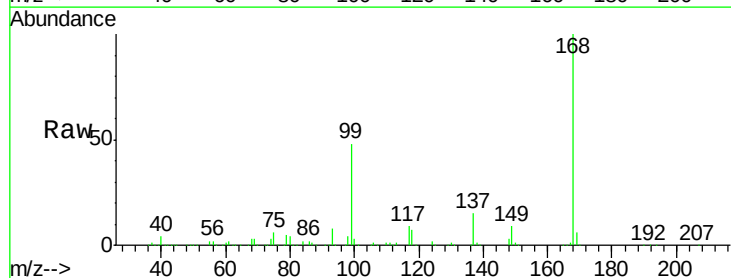
Instrument :
 MSVOA_N
 ClientSampleId :

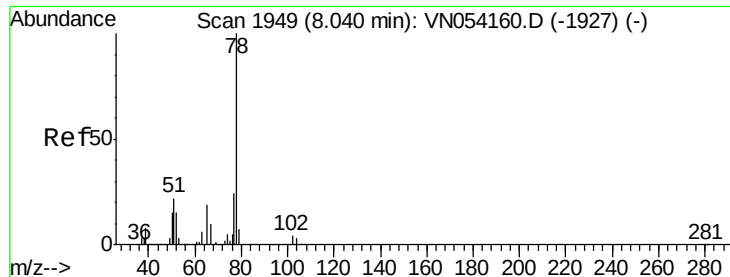
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.834 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	24.6	36.8#





#40

Benzene

Concen: 0.459 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

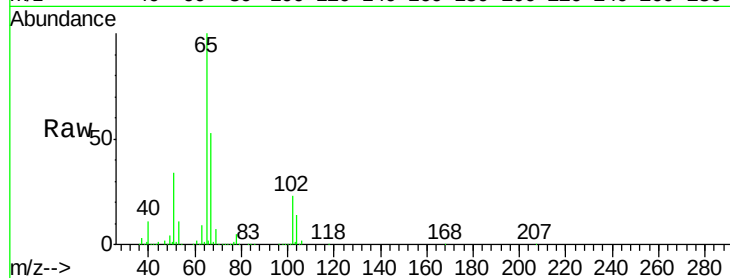
ClientSampleId :

Tot Ion: 78 Resp: 33759

Ion Ratio Lower Upper

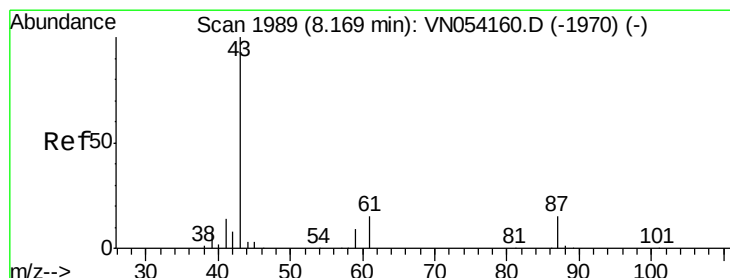
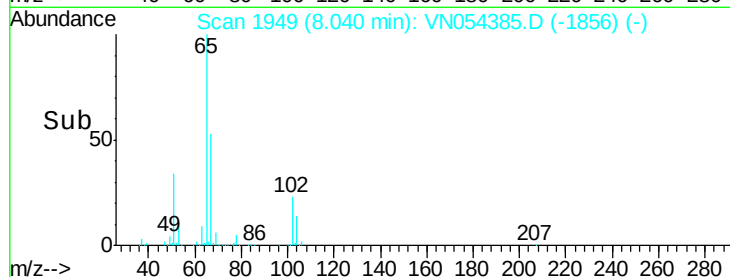
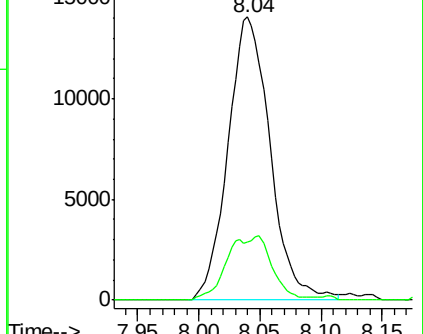
78 100

77 20.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 0.429 ug/l

RT: 8.28 min Scan# 2025

Delta R.T. 0.12 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

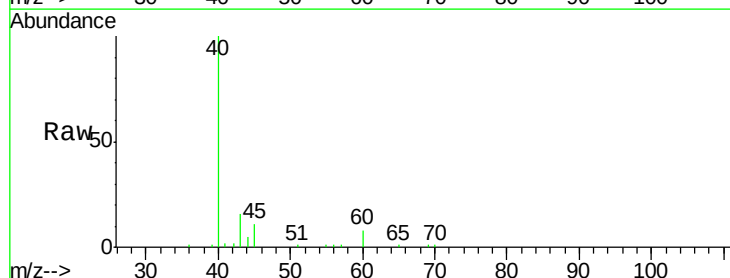
Tgt Ion: 43 Resp: 11116

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

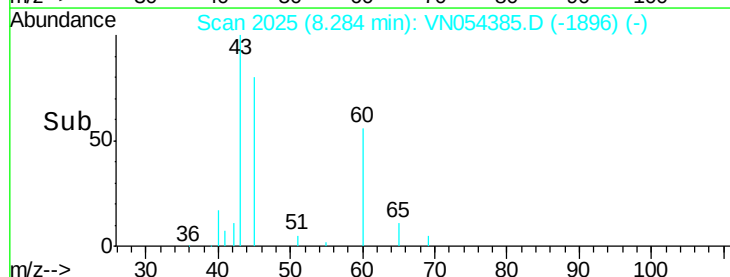
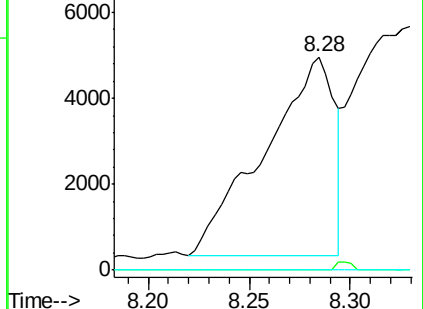
87 0.0 12.0 18.0#

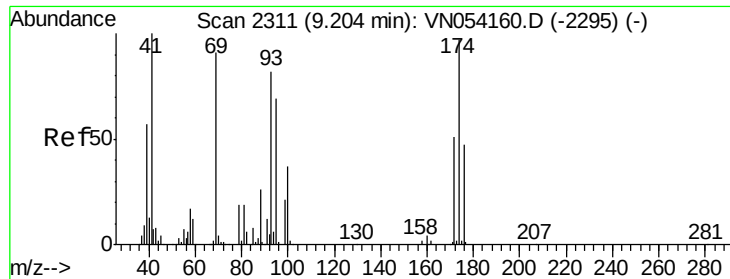


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

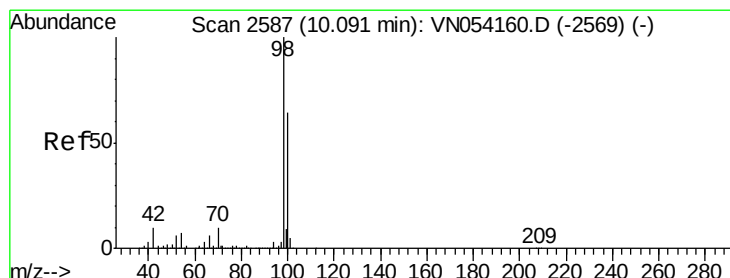
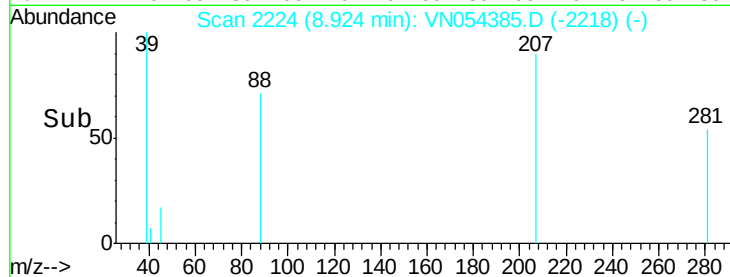
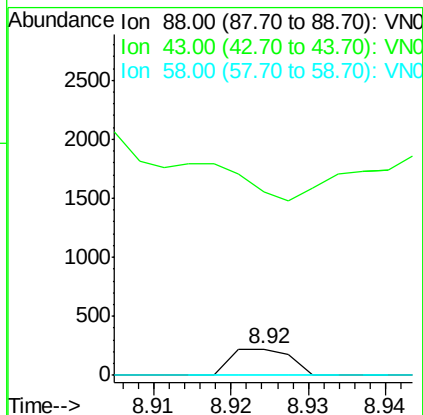
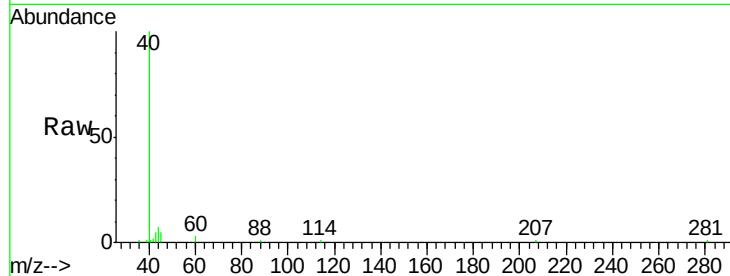




#49
1,4-Dioxane
Concen: 0.634 ug/l
RT: 8.92 min Scan# 2224
Delta R.T. -0.28 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

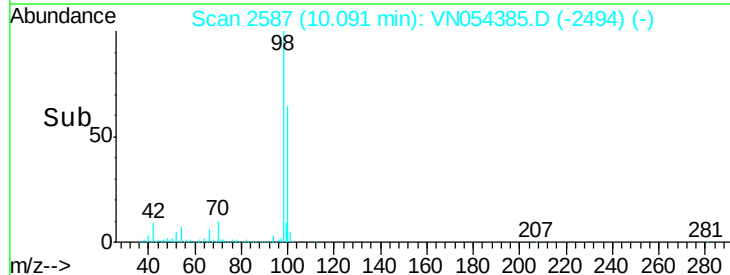
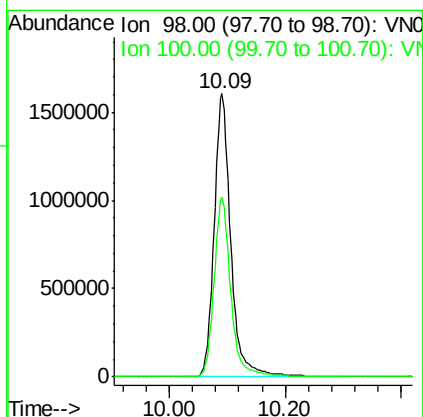
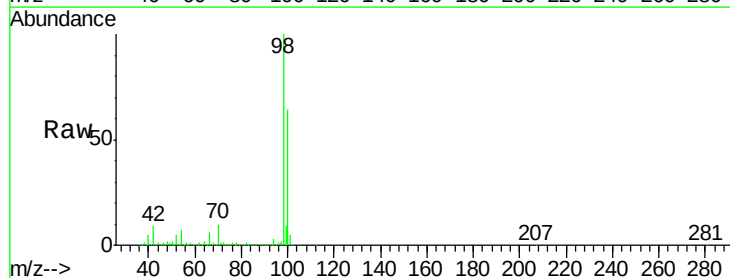
Instrument :
MSVOA_N
ClientSampled :

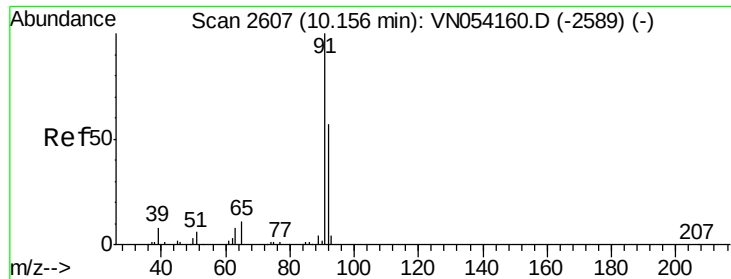
Tot Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
43 411.0 24.1 36.1#
58 0.0 50.8 76.2#



#50
Toluene-d8
Concen: 48.255 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

Tgt Ion: 98 Resp: 3208982
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#52

Toluene

Concen: 0.711 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

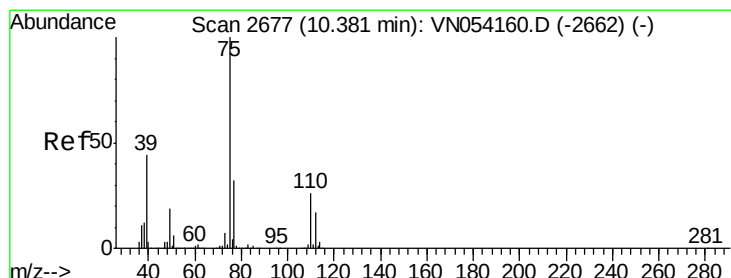
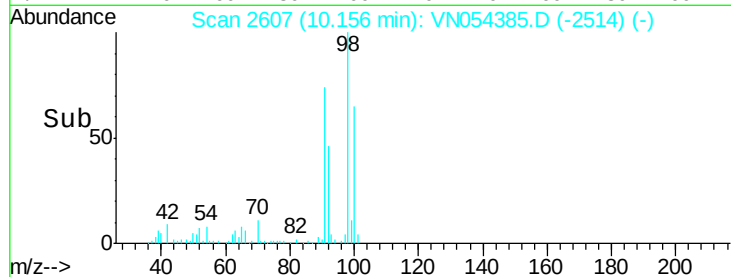
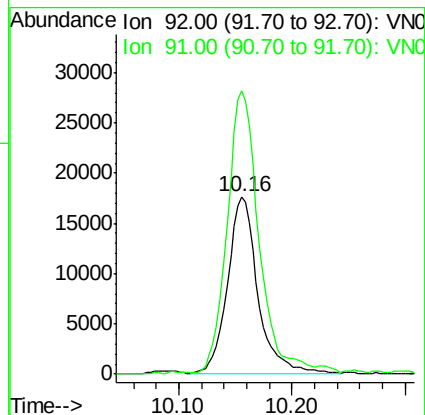
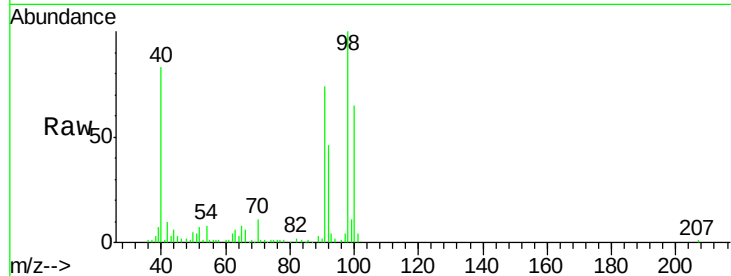
ClientSampled :

Tot Ion: 92 Resp: 33172

Ion Ratio Lower Upper

92 100

91 163.3 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.989 ug/l

RT: 10.17 min Scan# 2611

Delta R.T. -0.21 min

Lab File: VN054385.D

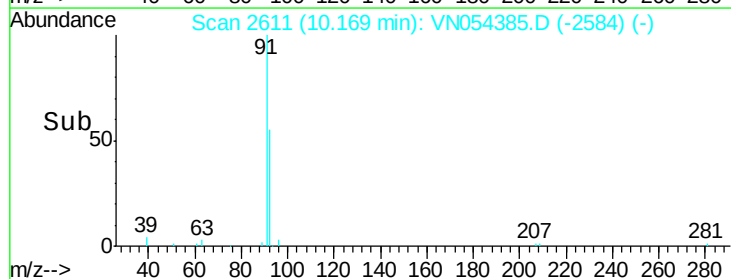
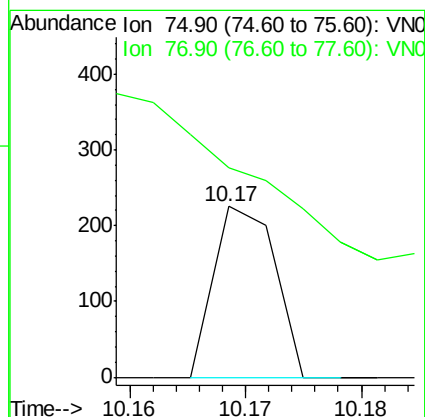
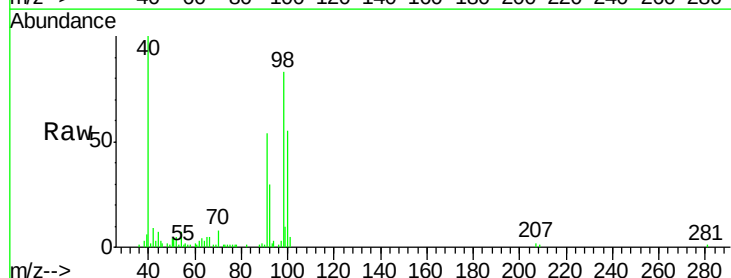
Acq: 18 Mar 2019 11:15

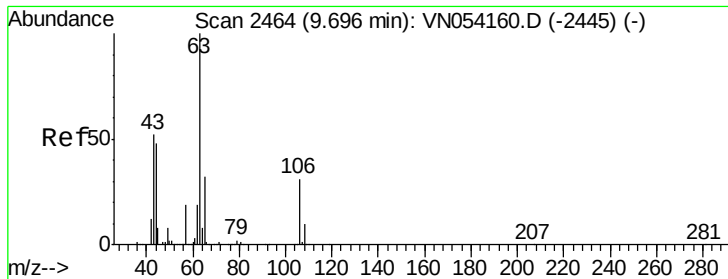
Tgt Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

77 43.6 25.8 38.8#

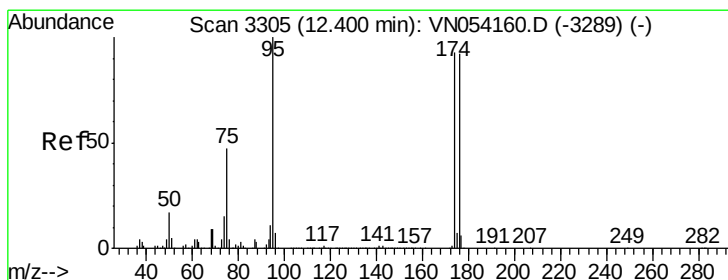
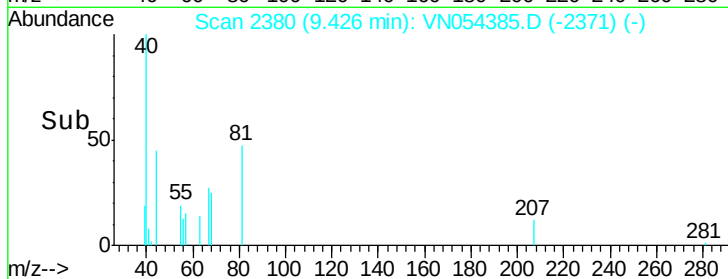
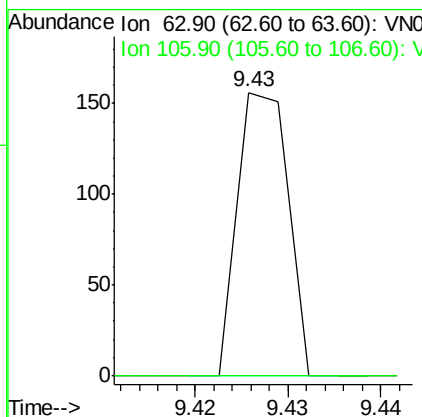
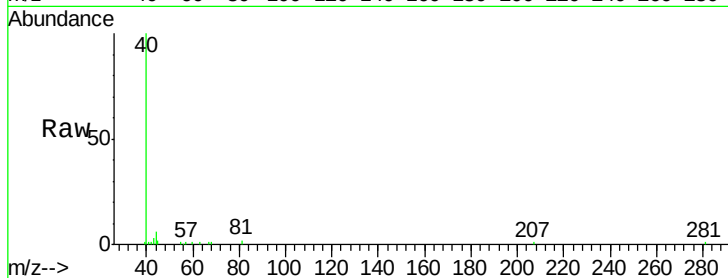




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.834 ug/l
 RT: 9.43 min Scan# 2380
 Delta R.T. -0.27 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

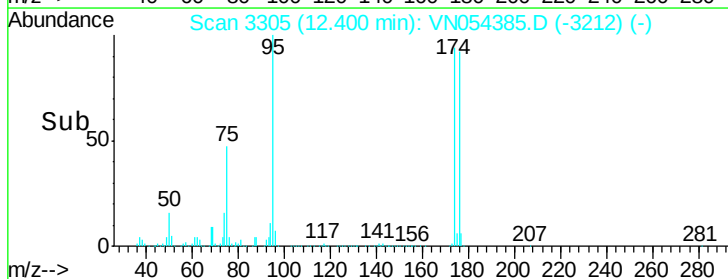
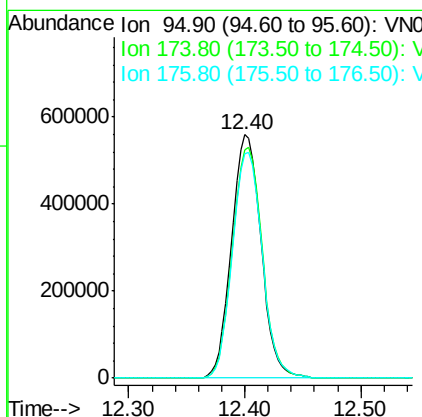
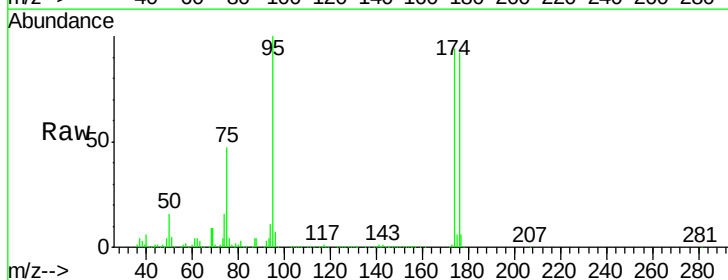
Instrument :
 MSVOA_N
 ClientSampleId :

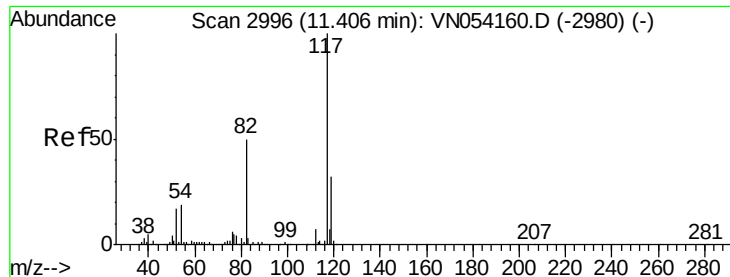
Tot Ion: 63 Resp: 59
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#



#62
 4-Bromofluorobenzene
 Concen: 42.346 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

Tgt Ion: 95 Resp: 985335
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 191.0
 176 93.6 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: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

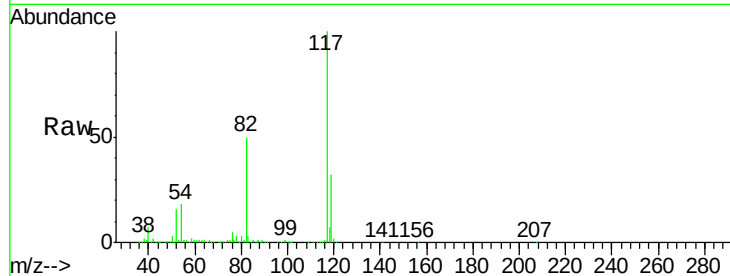
Tot Ion:117 Resp: 2339283

Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

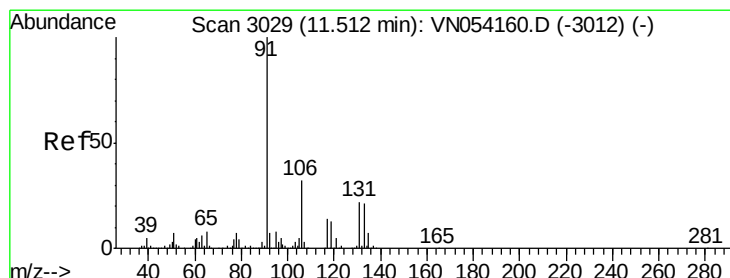
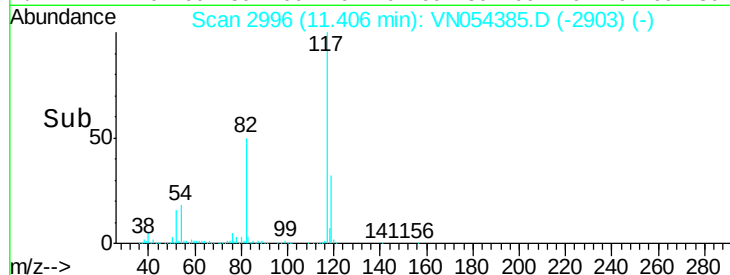
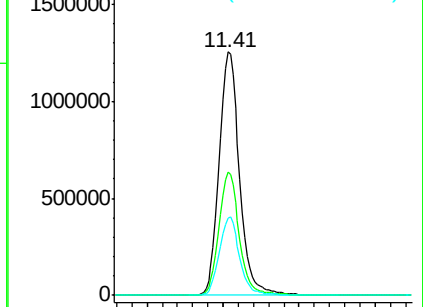
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 8.595 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054385.D

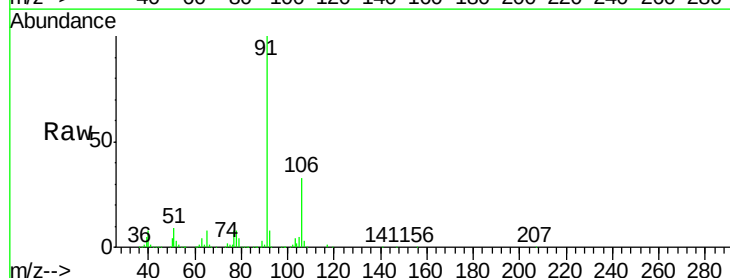
Acq: 18 Mar 2019 11:15

Tgt Ion: 91 Resp: 731835

Ion Ratio Lower Upper

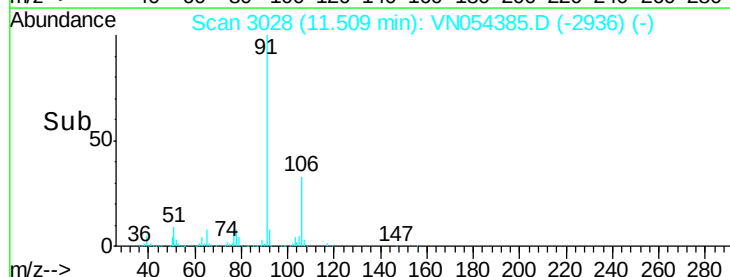
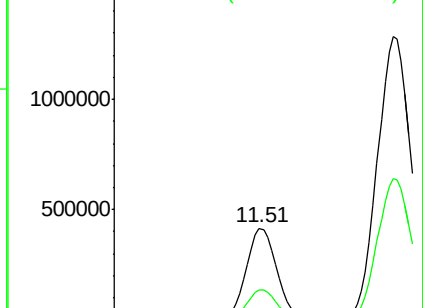
91 100

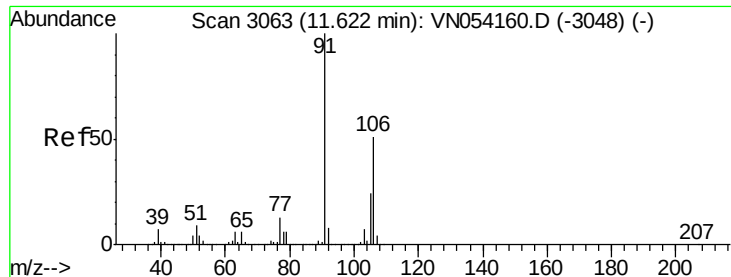
106 32.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

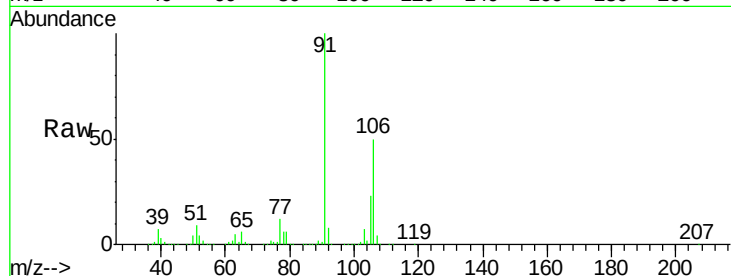




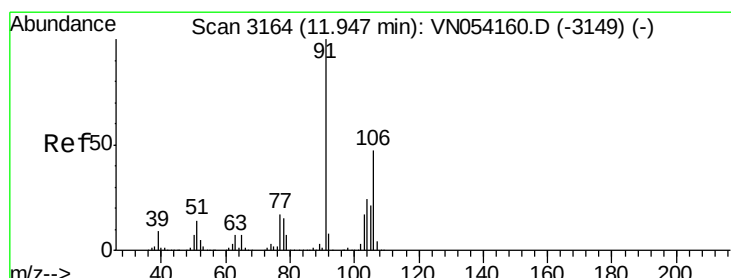
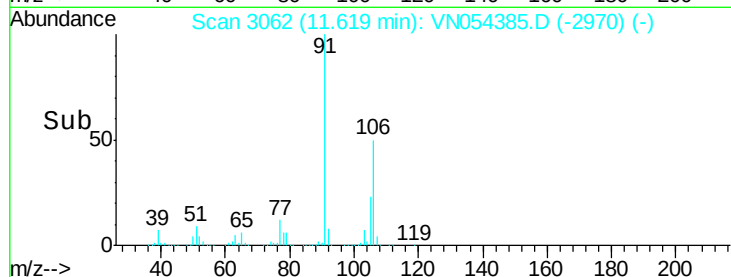
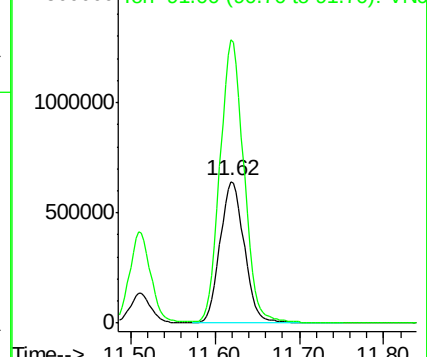
#68
m/p-Xylenes
Concen: 38.607 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 1284779
Ion Ratio Lower Upper
106 100
91 197.8 159.4 239.2

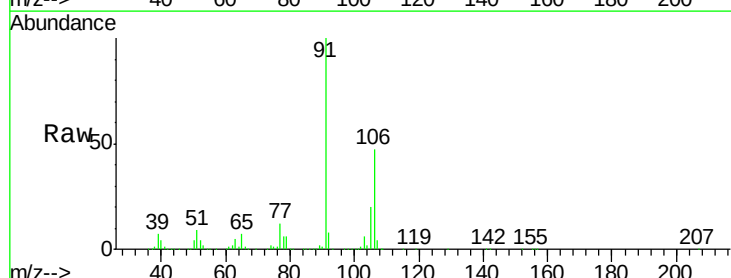


Abundance Ion 106.00 (105.70 to 106.70): V
1500000 Ion 91.00 (90.70 to 91.70): VN0

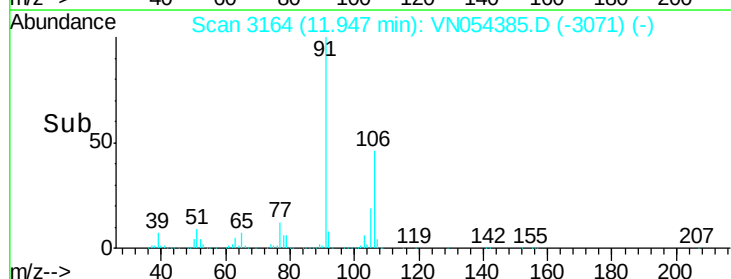
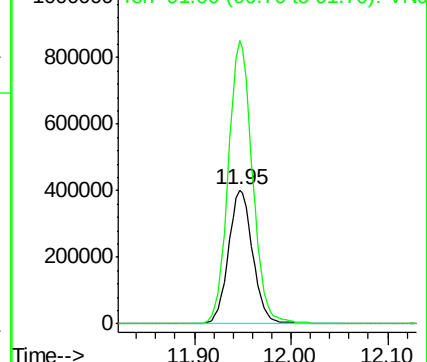


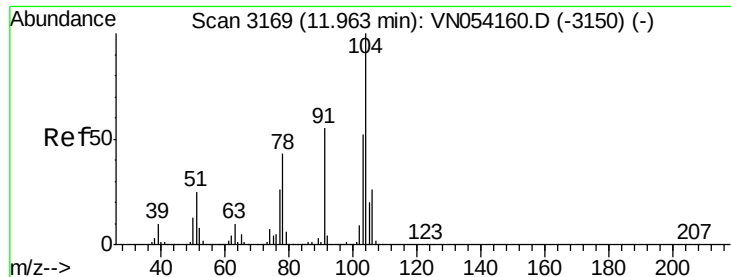
#69
o-Xylene
Concen: 21.531 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

Tgt Ion:106 Resp: 698480
Ion Ratio Lower Upper
106 100
91 211.1 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V
1000000 Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 0.641 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

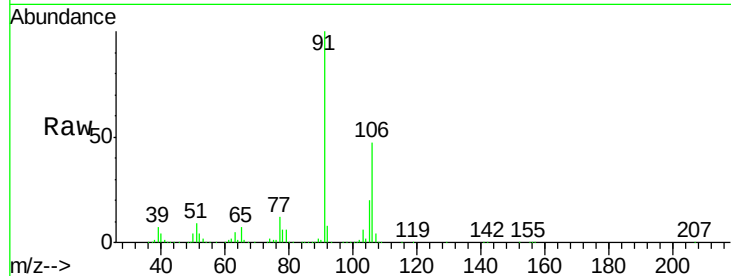
Tot Ion:104 Resp: 32606

Ion Ratio Lower Upper

104 100

78 287.3 38.2 57.2#

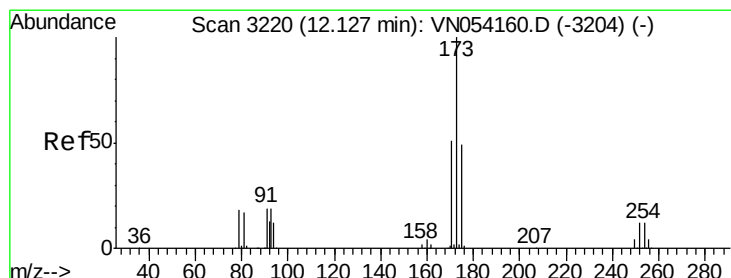
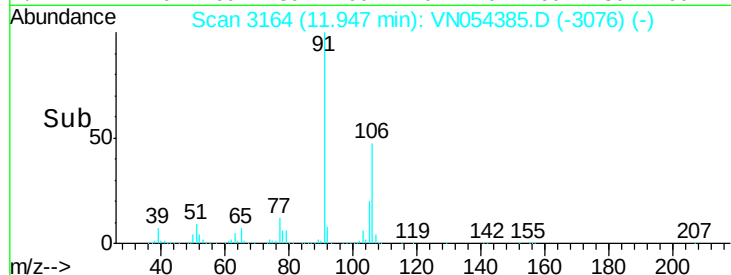
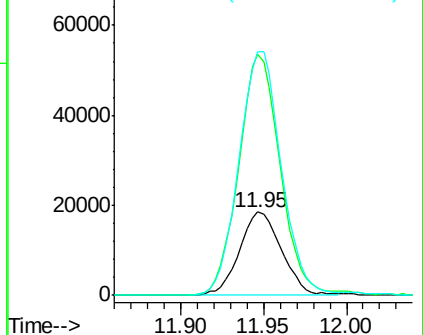
103 296.5 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 2.739 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

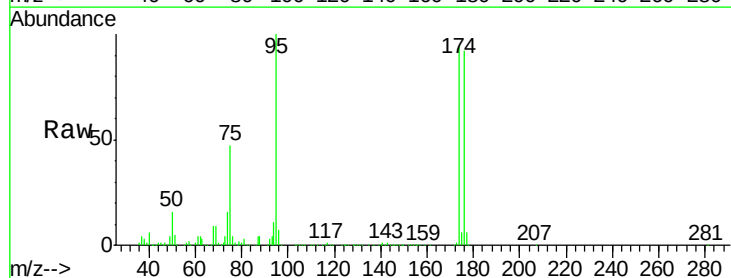
Tgt Ion:173 Resp: 5795

Ion Ratio Lower Upper

173 100

175 972.0 24.4 73.2#

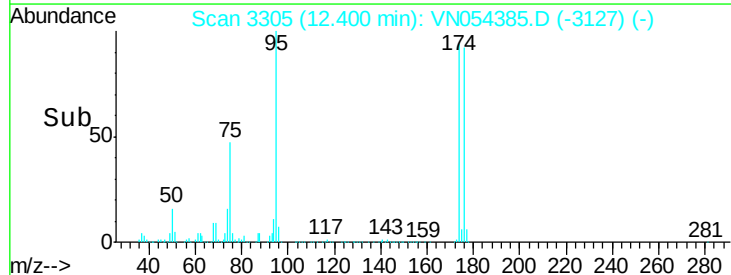
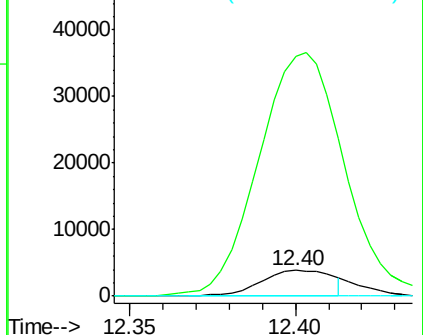
254 0.0 0.1 0.1#

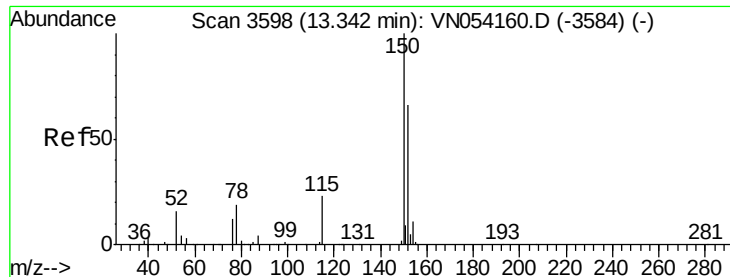


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

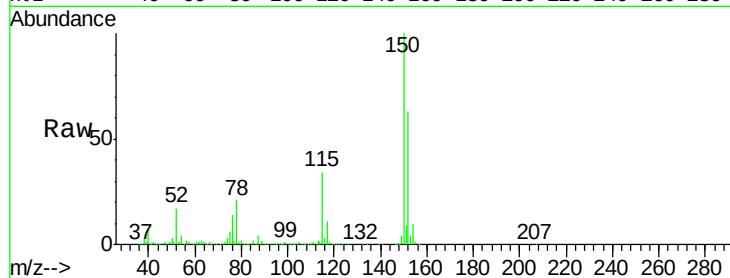
Tot Ion:152 Resp: 934099

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

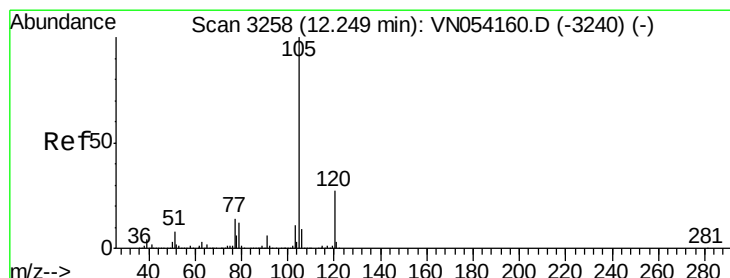
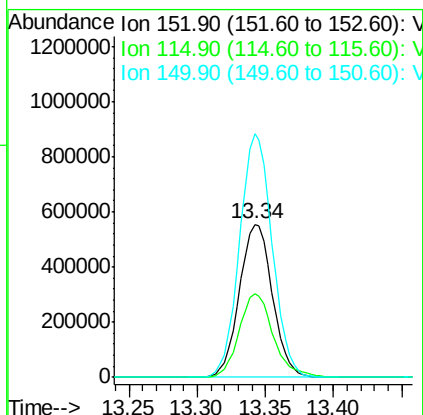
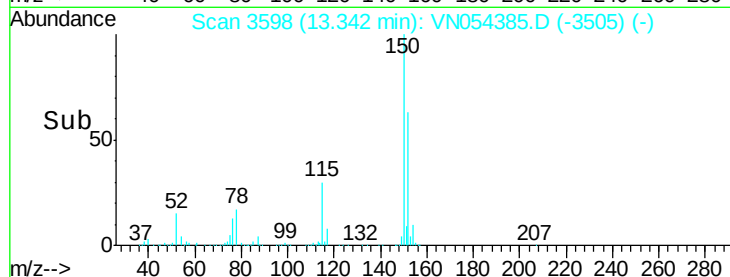
150 156.9 0.0 349.2



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: 0.570 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054385.D

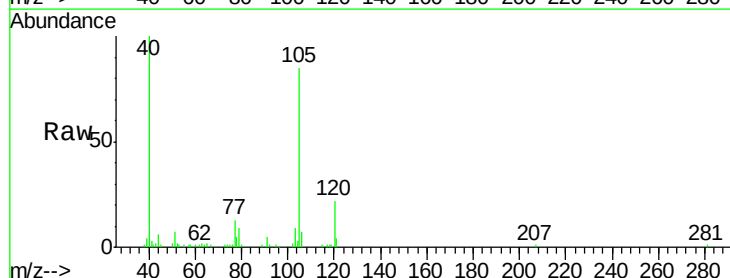
Acq: 18 Mar 2019 11:15

Tgt Ion:105 Resp: 42600

Ion Ratio Lower Upper

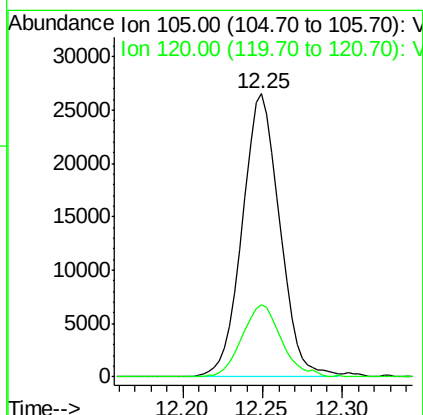
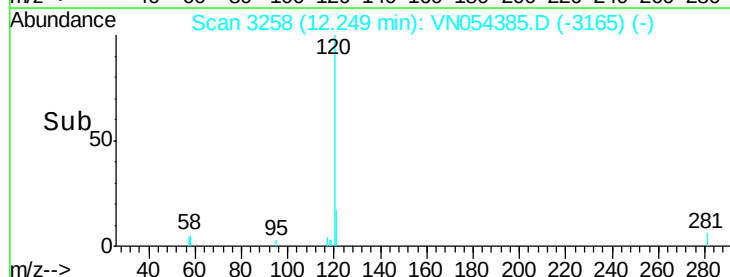
105 100

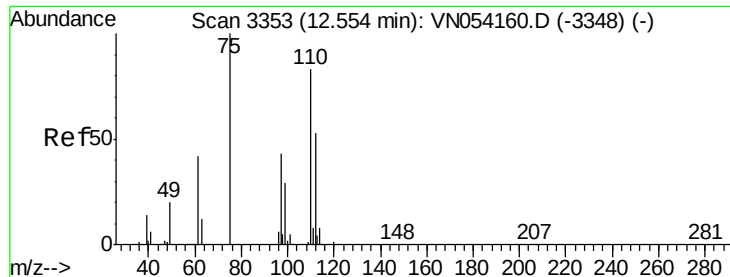
120 26.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 33.869 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

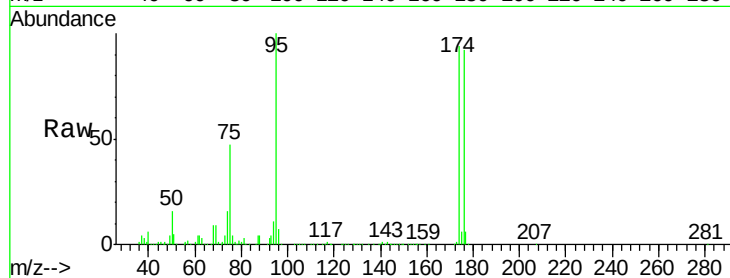
ClientSampleId :

Tot Ion: 75 Resp: 465240

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

12.40

250000

200000

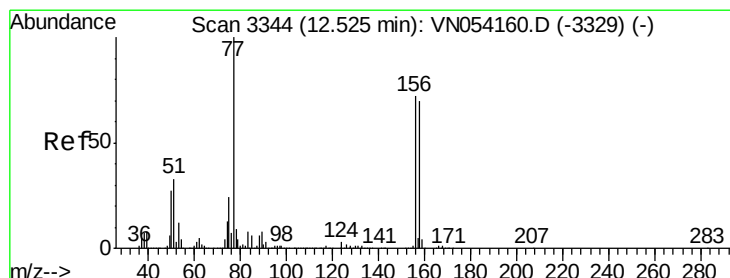
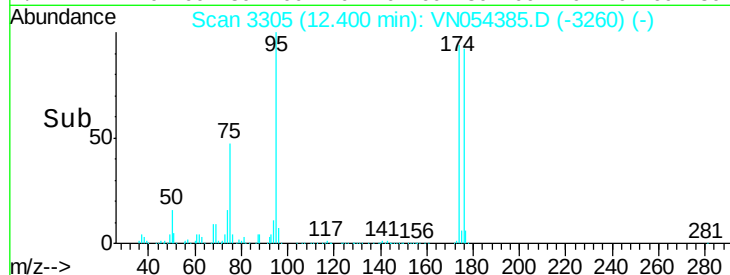
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 0.205 ug/l

RT: 12.54 min Scan# 3349

Delta R.T. 0.02 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

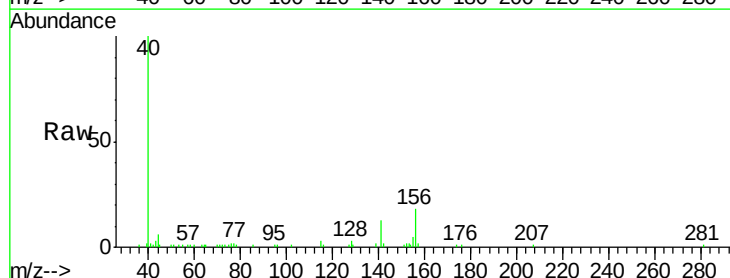
Tgt Ion: 156 Resp: 4060

Ion Ratio Lower Upper

156 100

77 0.0 81.5 244.4#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN054160.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN054160.D (-3329) (-)

12.54

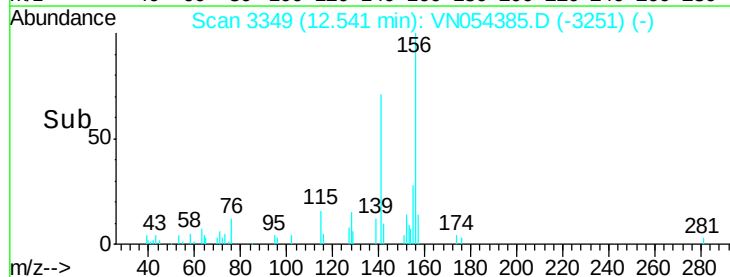
6000

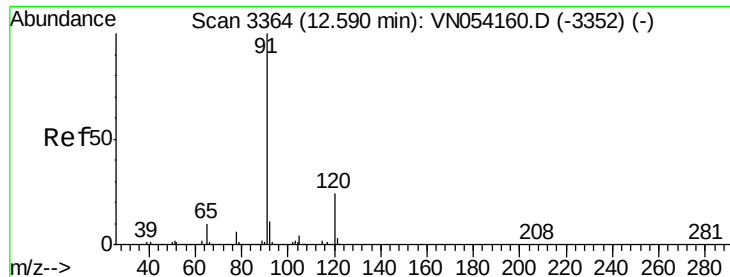
4000

2000

0

Time--> 12.50 12.52 12.54 12.56





#78

n-propylbenzene

Concen: 1.275 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

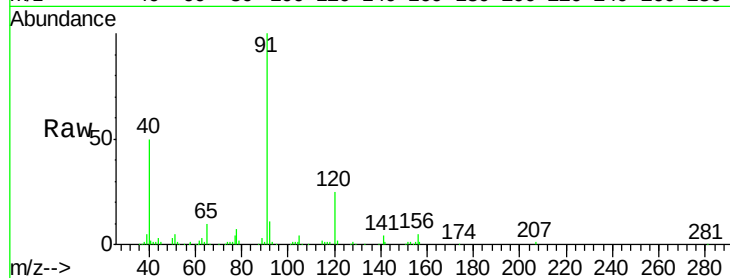
ClientSampled :

Tot Ion: 91 Resp: 103386

Ion Ratio Lower Upper

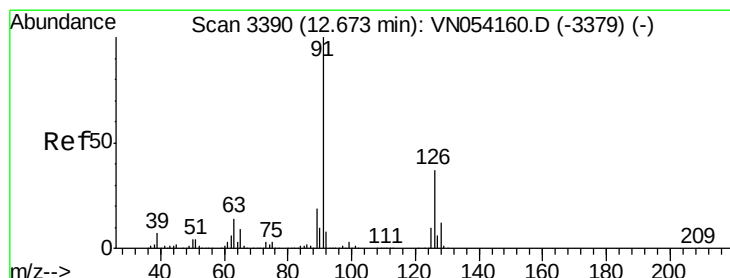
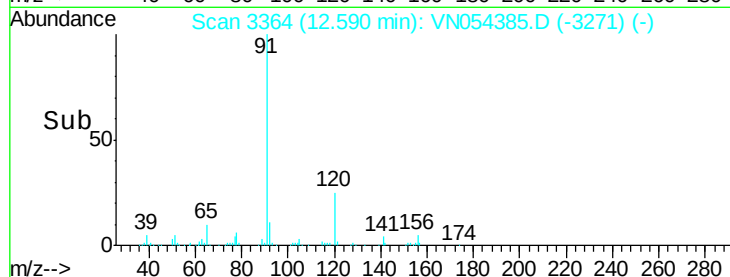
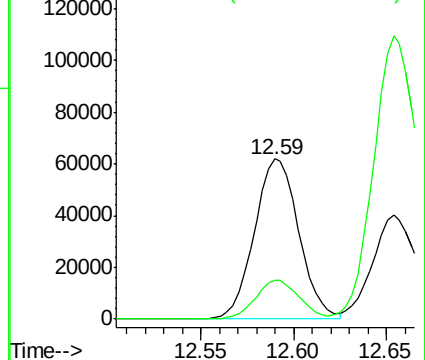
91 100

120 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.728 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN054385.D

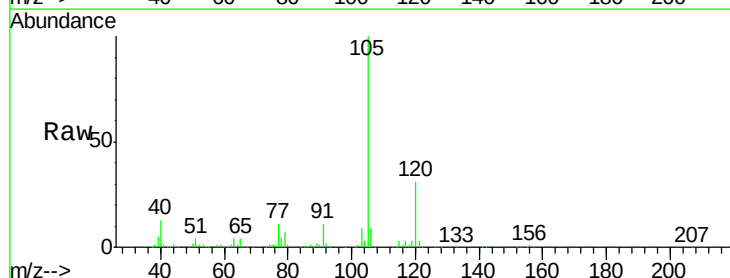
Acq: 18 Mar 2019 11:15

Tgt Ion: 91 Resp: 35506

Ion Ratio Lower Upper

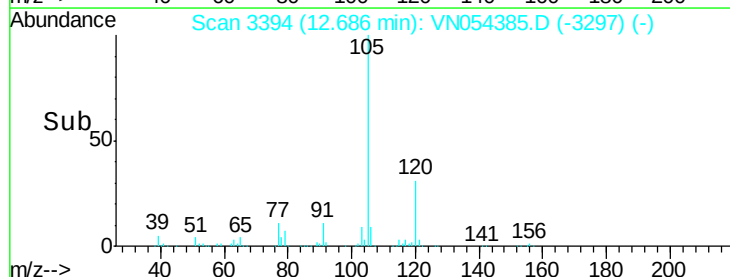
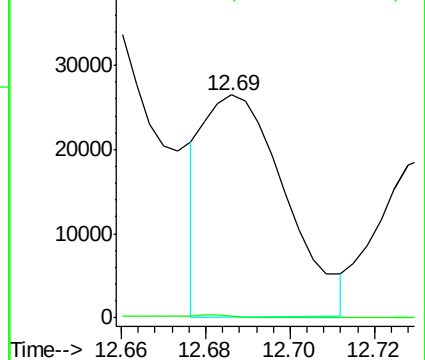
91 100

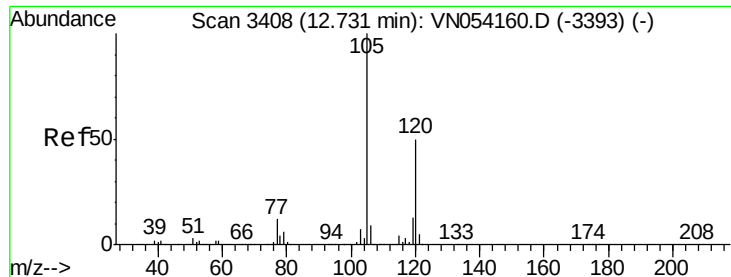
126 1.2 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.675 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

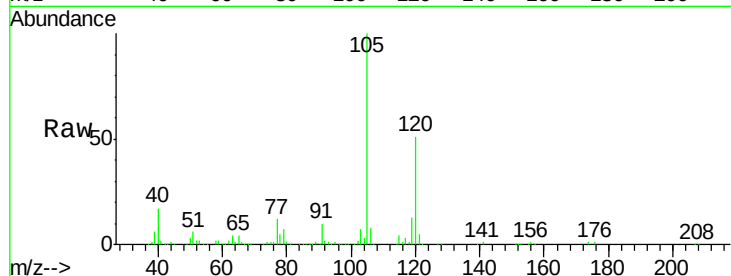
ClientSampleId :

Tot Ion:105 Resp: 290629

Ion Ratio Lower Upper

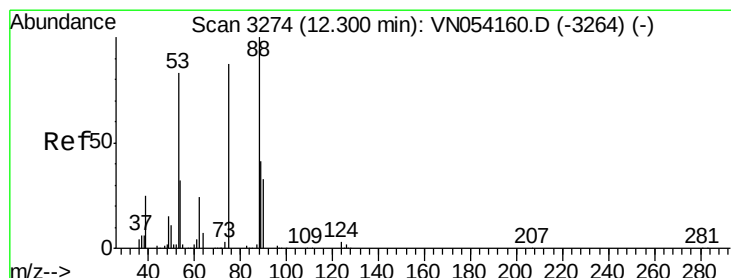
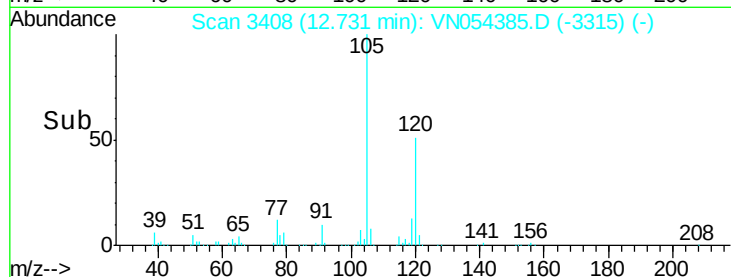
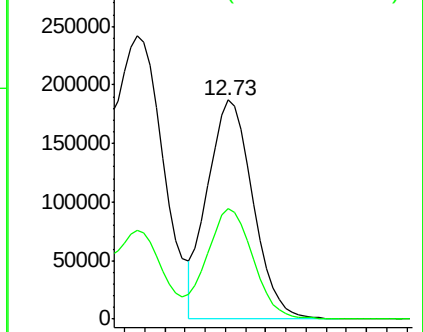
105 100

120 52.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 115.780 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

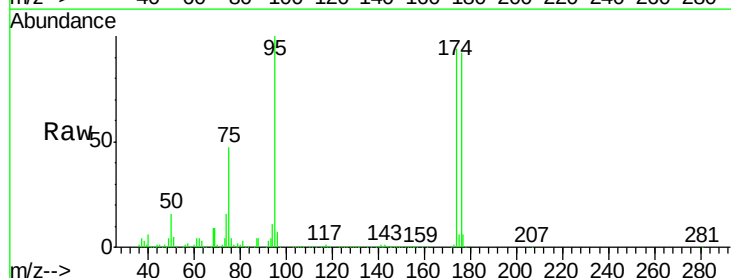
Tgt Ion: 75 Resp: 465240

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

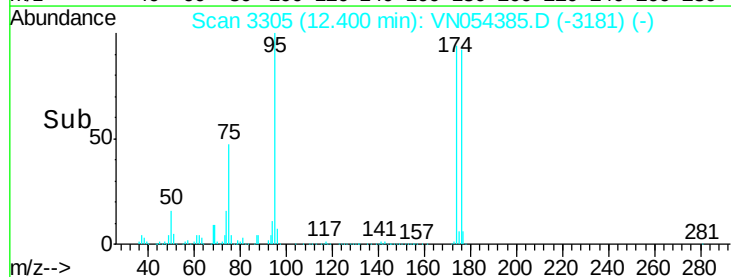
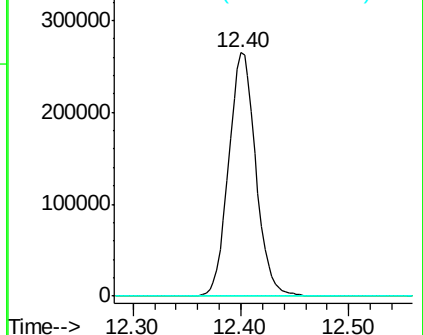
89 0.0 39.2 58.8#

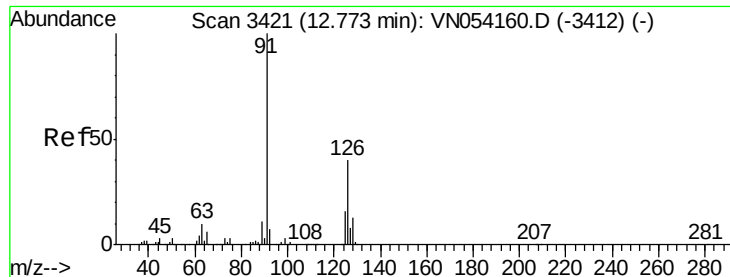


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

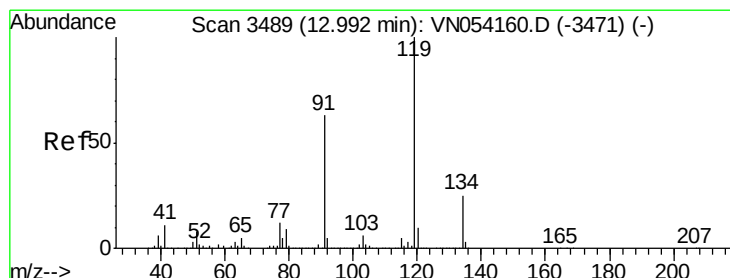
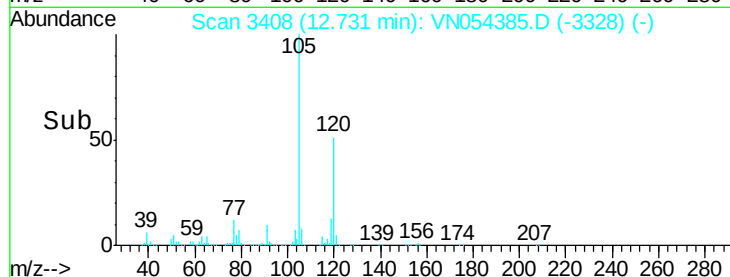
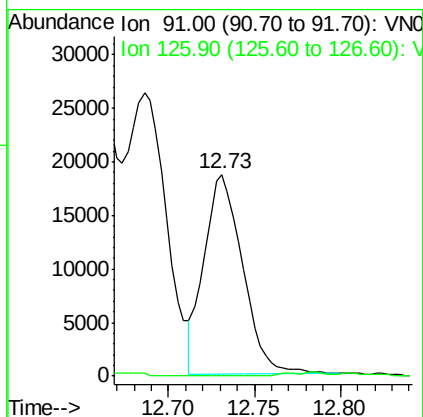
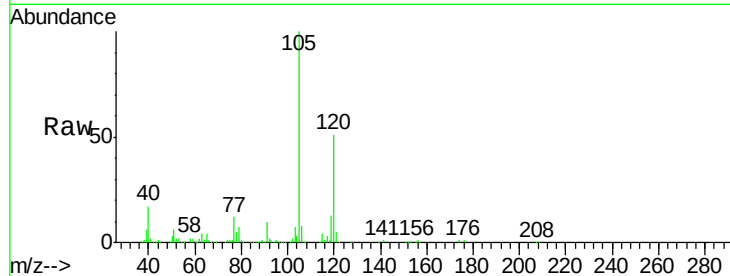




#82
4-Chlorotoluene
Concen: 0.600 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

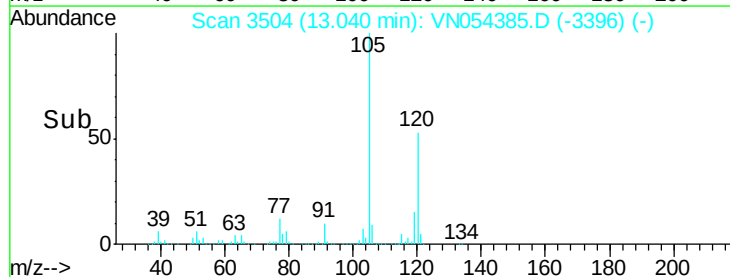
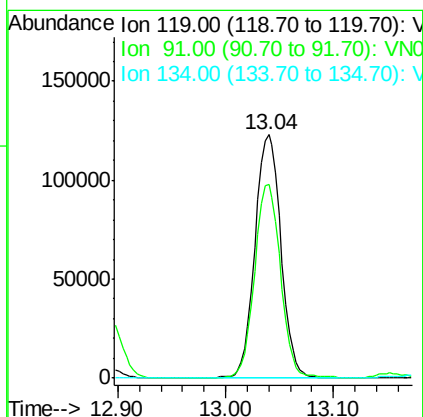
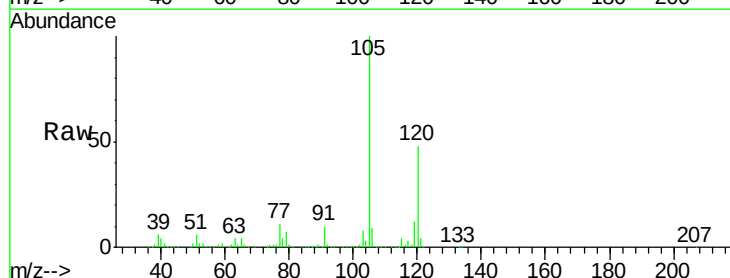
Instrument :
MSVOA_N
ClientSampleId :

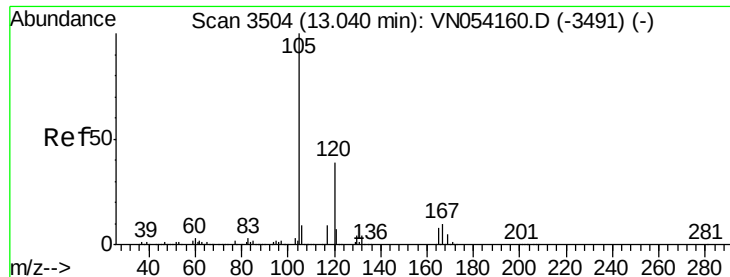
Tot Ion: 91 Resp: 29231
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#83
tert-Butylbenzene
Concen: 3.598 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054385.D
Acq: 18 Mar 2019 11:15

Tgt Ion: 119 Resp: 205843
Ion Ratio Lower Upper
119 100
91 79.6 30.9 92.8
134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 27.194 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

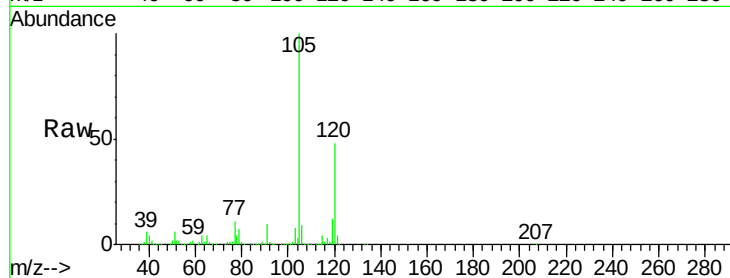
ClientSampleId :

Tot Ion:105 Resp: 1658444

Ion Ratio Lower Upper

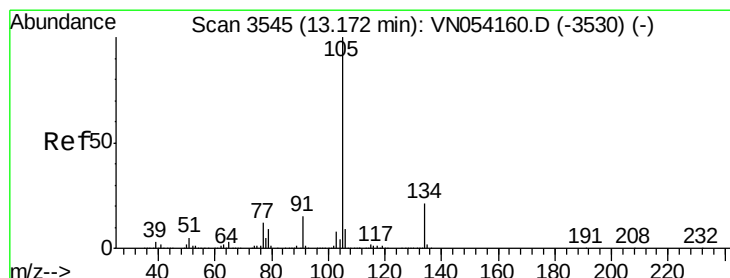
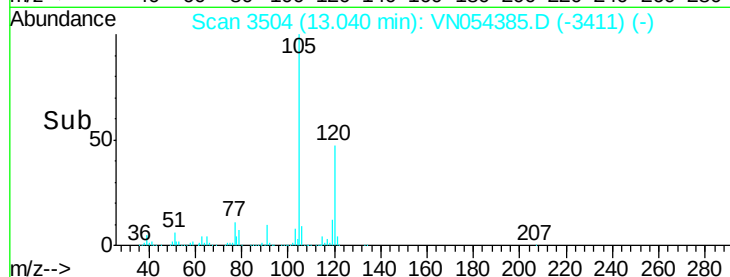
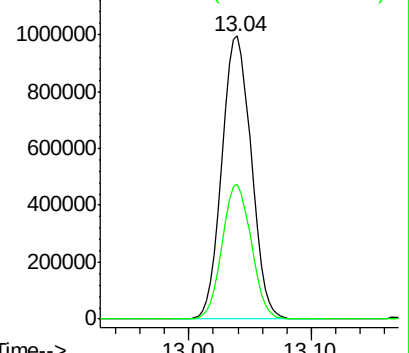
105 100

120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 22.350 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054385.D

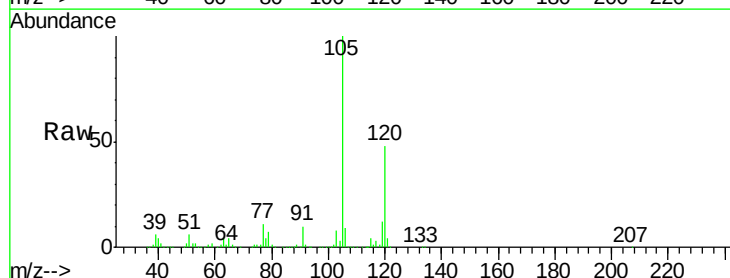
Acq: 18 Mar 2019 11:15

Tgt Ion:105 Resp: 1658444

Ion Ratio Lower Upper

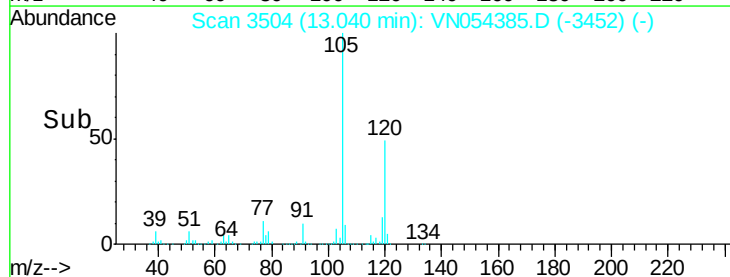
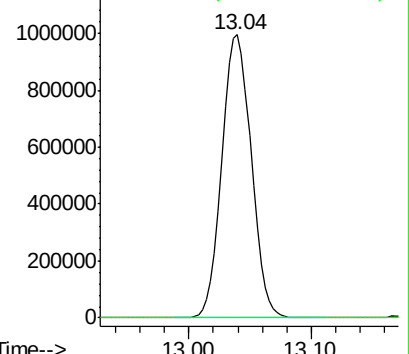
105 100

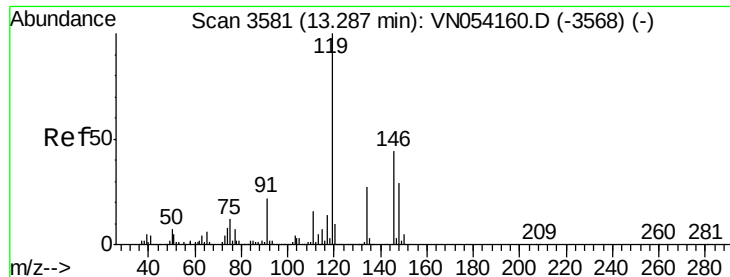
134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

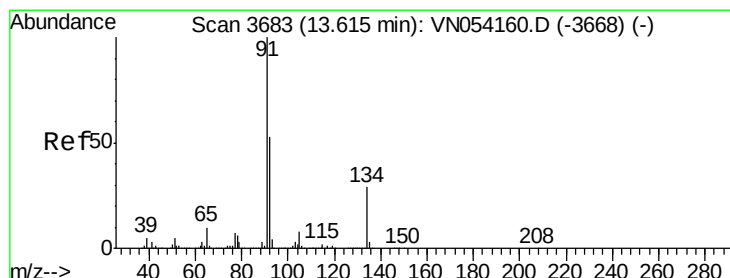
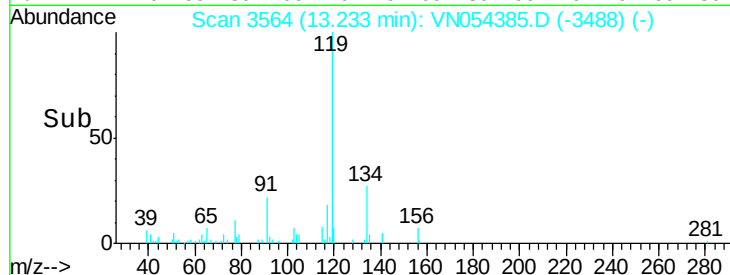
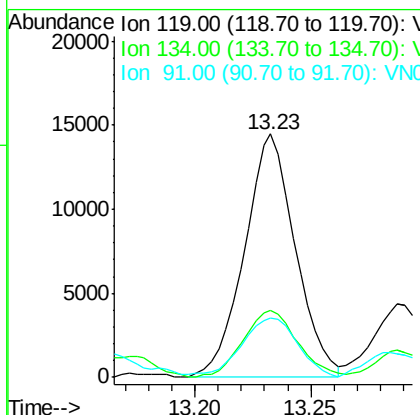
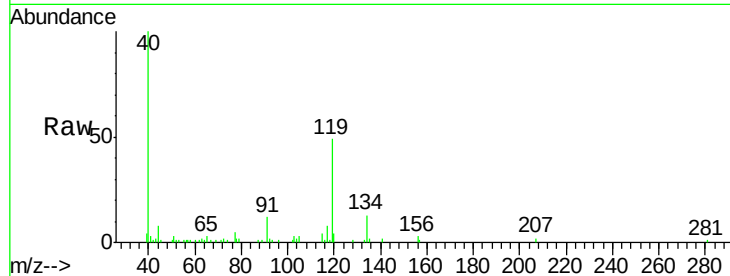




#86
 p-Isopropyltoluene
 Concen: 0.340 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

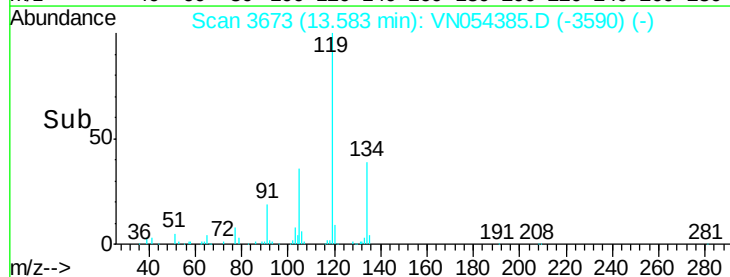
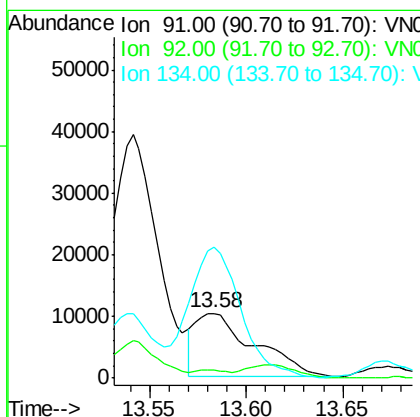
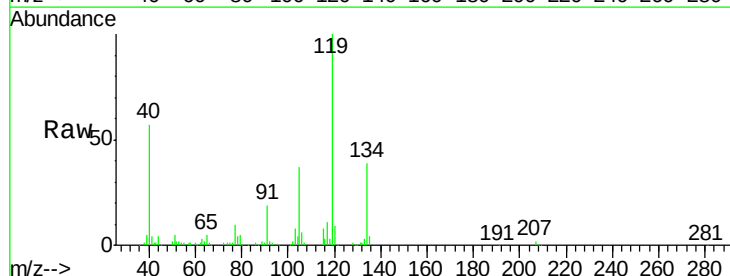
Instrument :
 MSVOA_N
 ClientSampled :

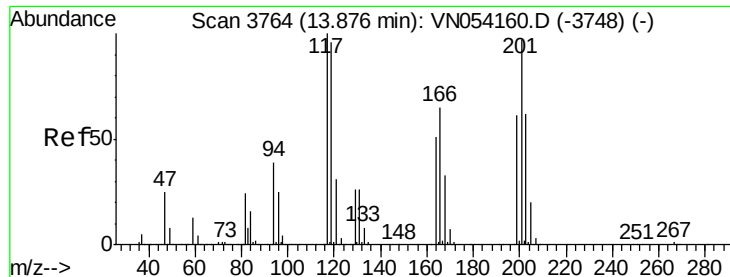
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.6	40.8
91	26.8	11.1	33.3



#89
 n-Butylbenzene
 Concen: 0.439 ug/l
 RT: 13.58 min Scan# 3673
 Delta R.T. -0.03 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	7.2	26.2	78.6#
134	185.2	14.3	42.9#





#90

Hexachloroethane

Concen: 1.378 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

Instrument :

MSVOA_N

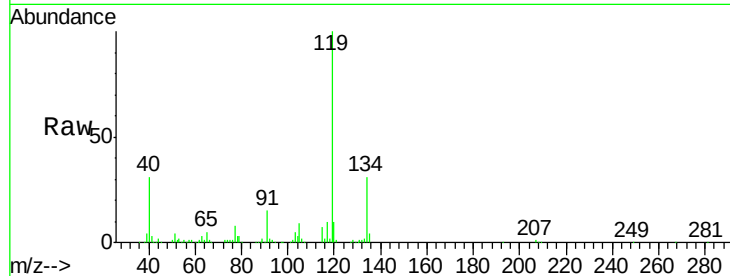
ClientSampled :

Tot Ion:117 Resp: 14850

Ion Ratio Lower Upper

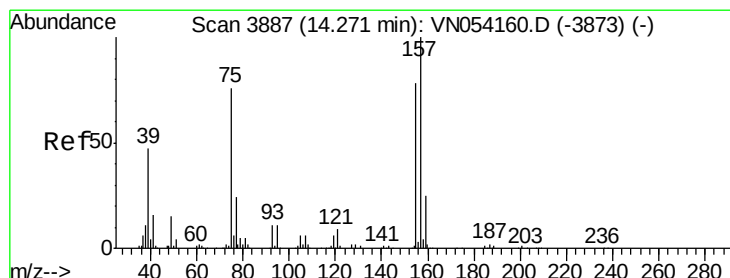
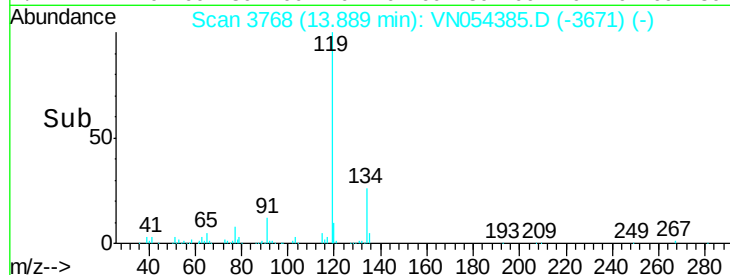
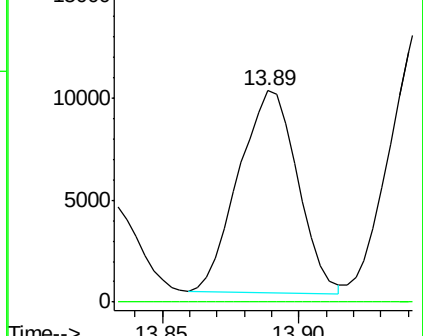
117 100

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: 0.370 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.03 min

Lab File: VN054385.D

Acq: 18 Mar 2019 11:15

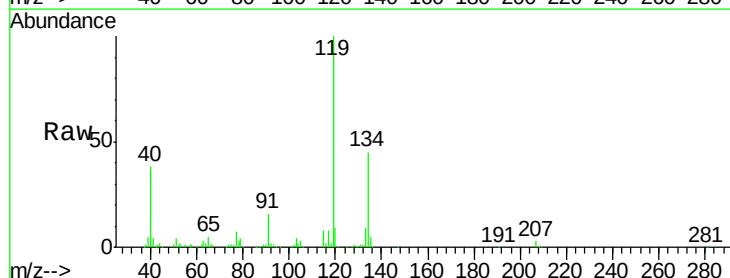
Tgt Ion: 75 Resp: 912

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

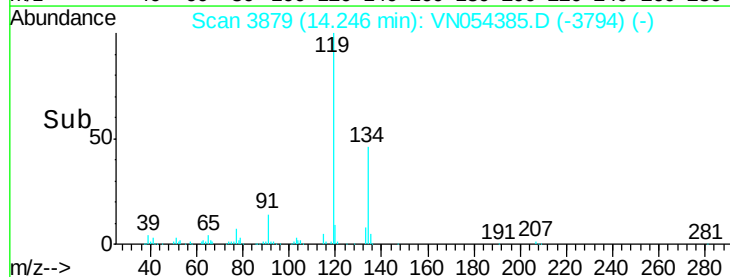
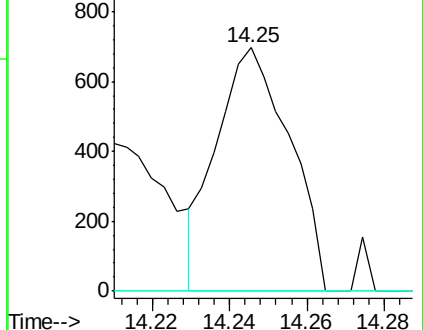
157 0.0 63.1 189.3#

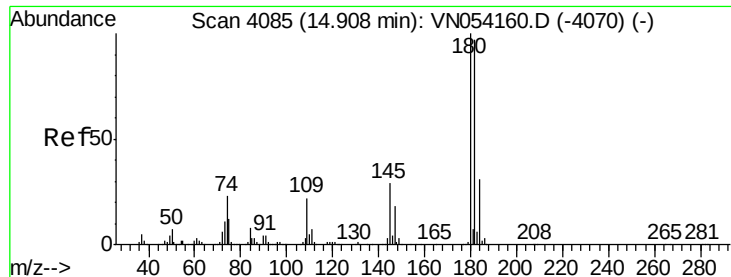


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

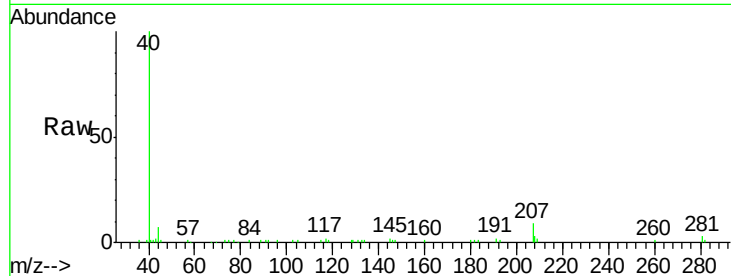




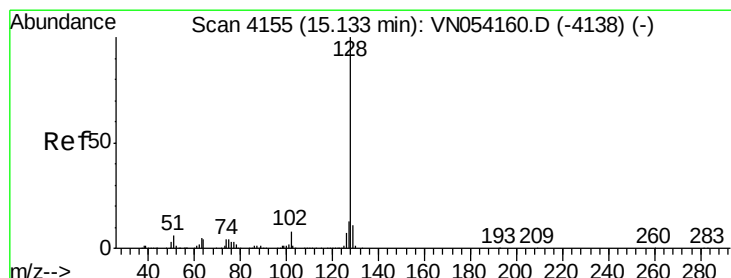
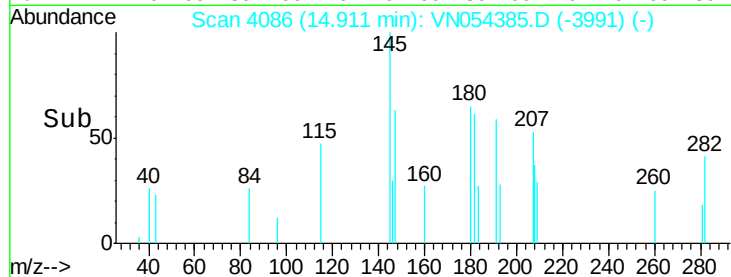
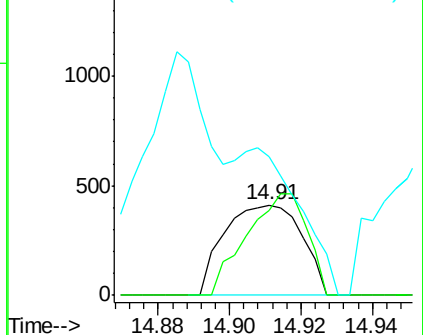
#93
 1,2,4-Trichlorobenzene
 Concen: 2.546 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.1	48.0	144.2
145	0.0	14.2	42.8#

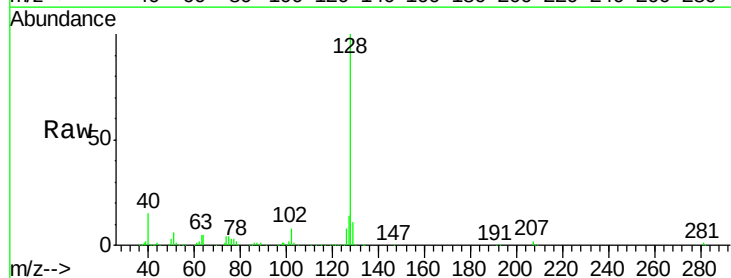


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 12.036 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054385.D
 Acq: 18 Mar 2019 11:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

