

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054909.D
 Acq On : 2 Apr 2019 18:29
 Operator : JC/SP
 Sample : K1696-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315257	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	358402	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	7.59	113	284957	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	1069709	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.40	95	352479	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	483	1.284	ug/l #	70
13) Acrolein	3.62	56	94	0.280	ug/l #	14
16) Acetone	3.82	43	82069	47.666	ug/l #	86
18) Methyl Acetate	4.33	43	3340	Below Cal	#	66
19) Methyl tert-butyl Ether	5.05	73	120043	8.151	ug/l	94
22) Diisopropyl ether	5.96	45	7428	0.362	ug/l #	63
25) 2-Butanone	6.85	43	16113	6.331	ug/l	90
29) Tetrahydrofuran	7.22	42	13503	7.639	ug/l #	86
31) Cyclohexane	7.66	56	17227	Below Cal	#	36
36) 1,1-Dichloropropene	7.67	75	41720	4.993	ug/l #	48
37) Ethyl Acetate	6.85	43	16113	2.630	ug/l #	68
38) Carbon Tetrachloride	7.66	117	51122	6.300	ug/l #	16
40) Benzene	8.04	78	822349	34.397	ug/l	99
41) Methacrylonitrile	7.22	41	8835	2.567	ug/l #	38
42) 1,2-Dichloroethane	8.05	62	7390	0.866	ug/l	78
43) Isopropyl Acetate	8.25	43	16690	1.676	ug/l #	64
51) 4-Methyl-2-Pentanone	9.99	43	2195	0.392	ug/l	93
52) Toluene	10.16	92	2251359	158.257	ug/l	99
53) t-1,3-Dichloropropene	10.15	75	28410	3.789	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.97	63	32	10.365	ug/l #	44
59) 2-Hexanone	10.76	43	1152	0.322	ug/l	99
67) Ethyl Benzene	11.51	91	304994	11.296	ug/l	97
68) m/p-Xylenes	11.62	106	998731	99.952	ug/l	95
69) o-Xylene	11.95	106	748550	76.396	ug/l	94
70) Styrene	11.95	104	45877	2.928	ug/l #	1
71) Bromoform	12.39	173	733	0.223	ug/l #	1
73) Isopropylbenzene	12.25	105	11934	0.463	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.41	83	94	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.65	75	5479	1.000	ug/l #	100
78) n-propylbenzene	12.59	91	23053	0.814	ug/l #	51
79) 2-Chlorotoluene	12.65	91	79112	4.515	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	321583	15.210	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	180663	128.312	ug/l #	11
82) 4-Chlorotoluene	12.73	91	34289	2.015	ug/l #	39

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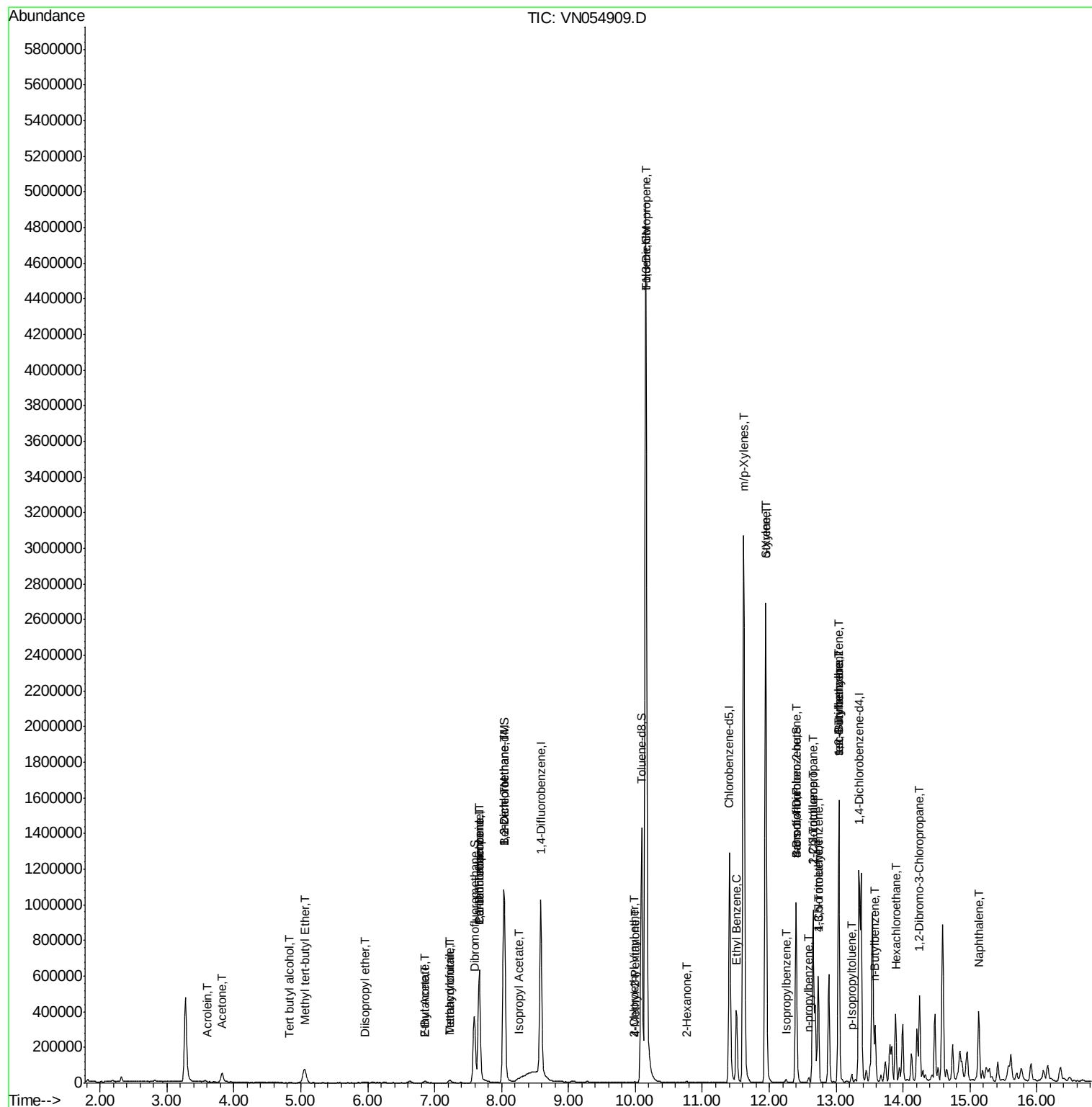
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	109385	4.790	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.04	105	905548	44.955	ug/l	96
85) sec-Butylbenzene	13.04	105	905548	39.426	ug/l #	55
86) p-Isopropyltoluene	13.23	119	23403	1.155	ug/l	92
89) n-Butylbenzene	13.58	91	33037	1.999	ug/l #	1
90) Hexachloroethane	13.89	117	19788	5.753	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1789	2.031	ug/l #	1
95) Naphthalene	15.13	128	322241	28.361	ug/l	99

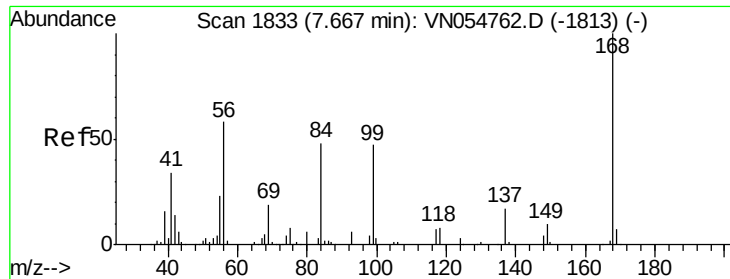
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054909.D

Acq: 2 Apr 2019 18:29

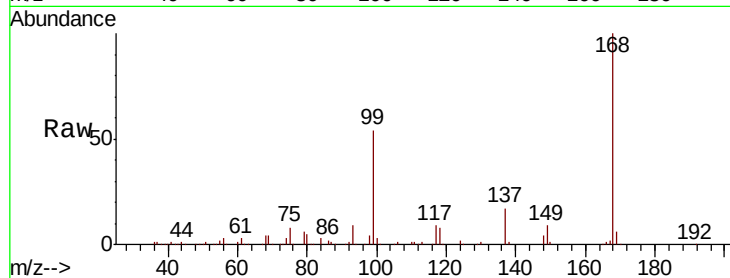
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 535611

Ion Ratio Lower Upper

168 100

99 53.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

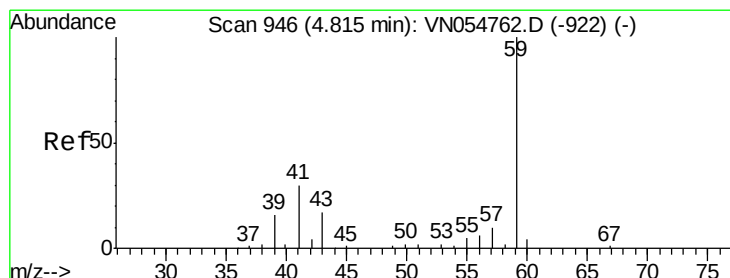
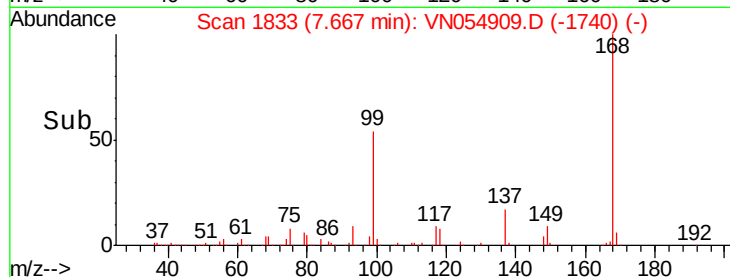
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.284 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.02 min

Lab File: VN054909.D

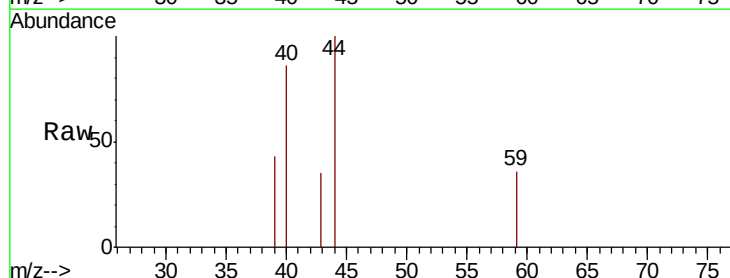
Acq: 2 Apr 2019 18:29

Tgt Ion: 59 Resp: 483

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN054762.D (-922) (-)

Ion 57.00 (56.70 to 57.70): VN054762.D (-922) (-)

4.83

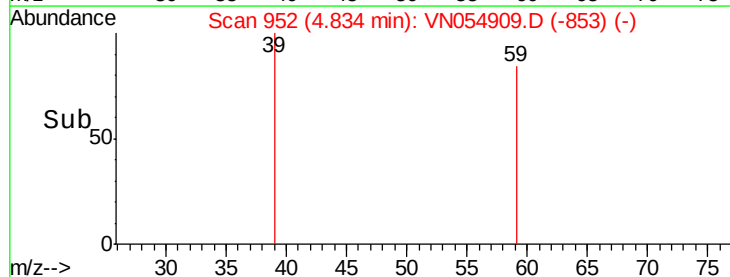
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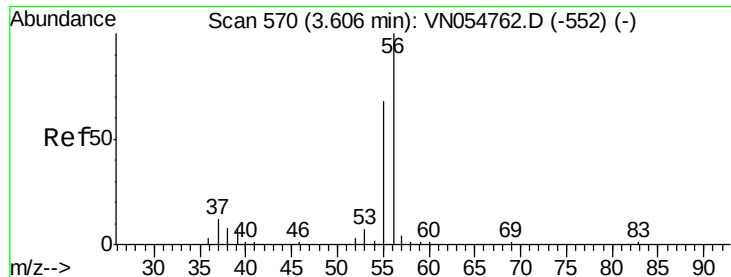
200

100

0

Time-->





#13

Acrolein

Concen: 0.280 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

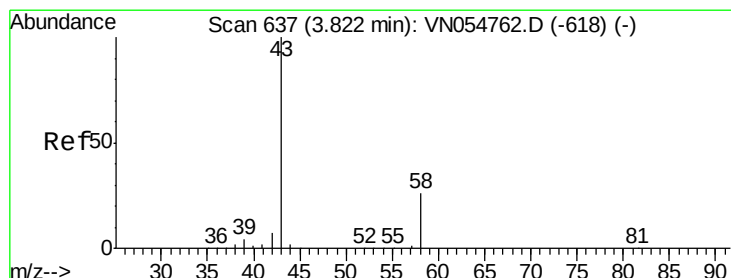
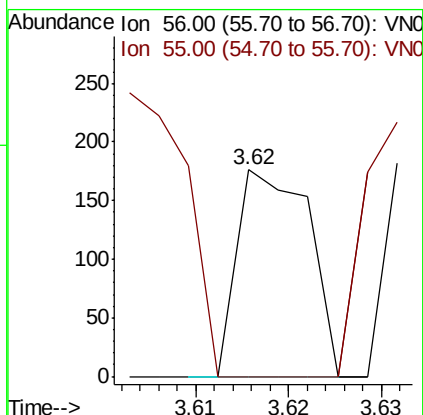
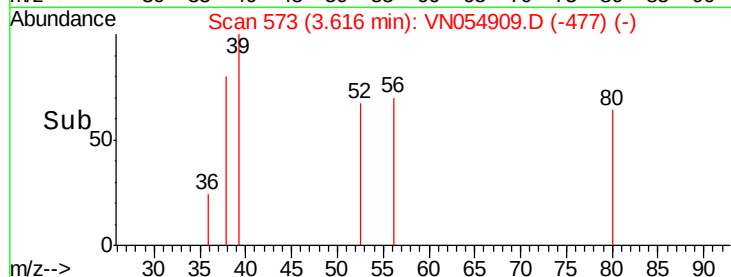
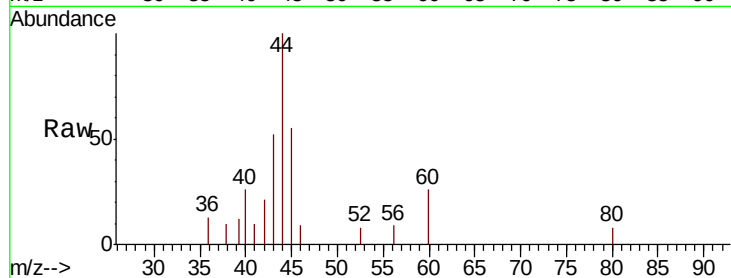
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 47.666 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054909.D

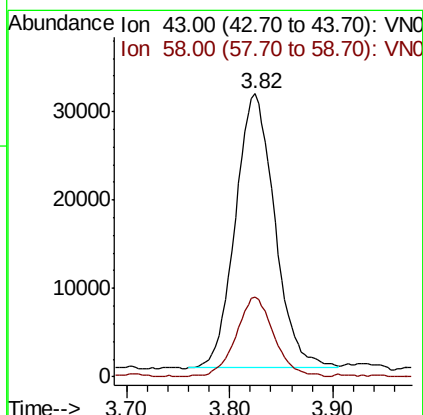
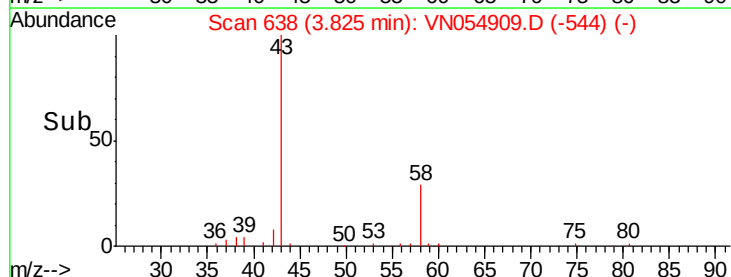
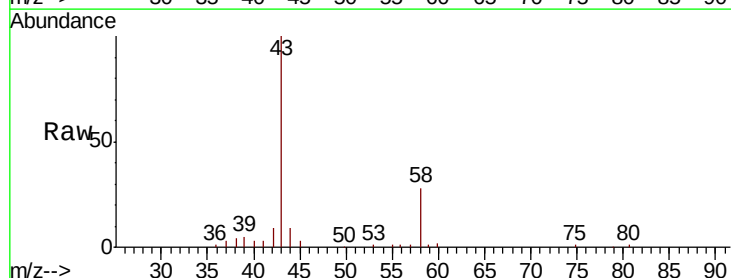
Acq: 2 Apr 2019 18:29

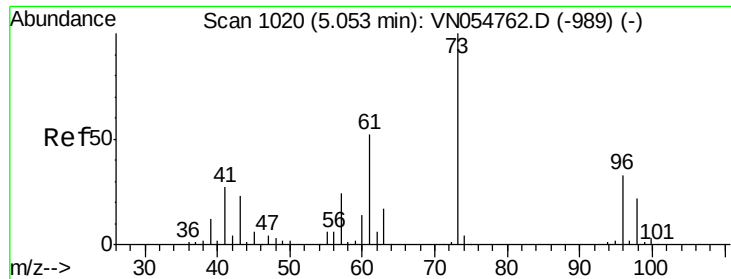
Tgt Ion: 43 Resp: 82069

Ion Ratio Lower Upper

43 100

58 29.2 29.9 44.9#

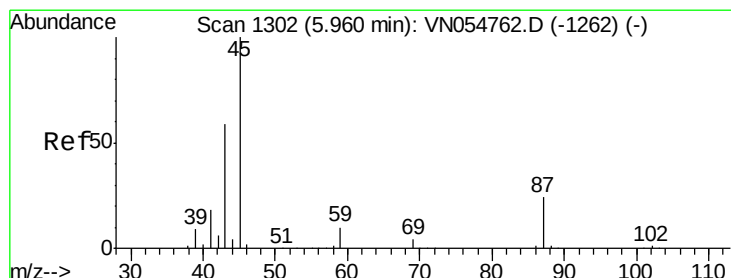
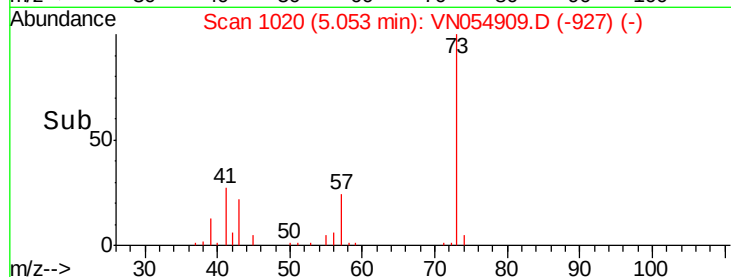
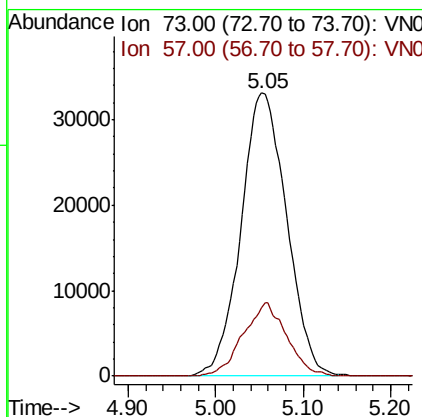
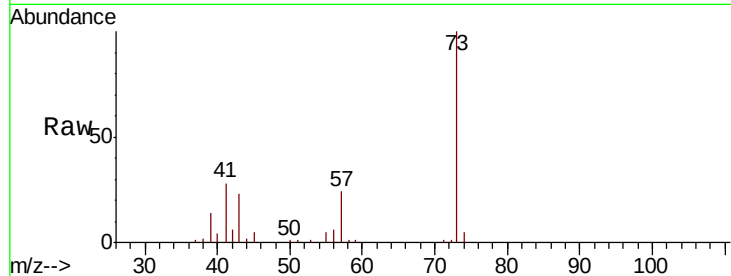




#19
Methyl tert-butyl Ether
Concen: 8.151 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

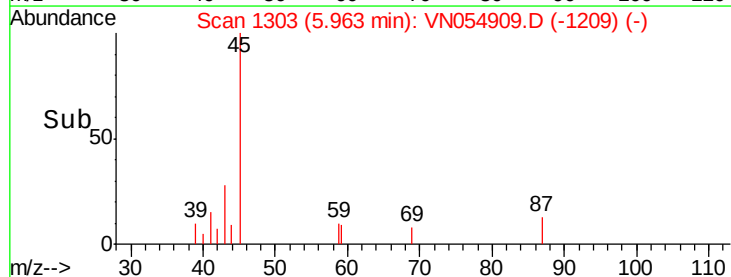
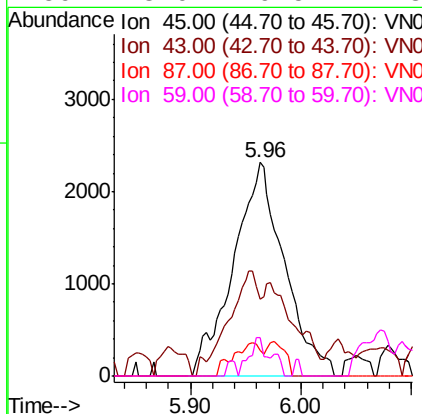
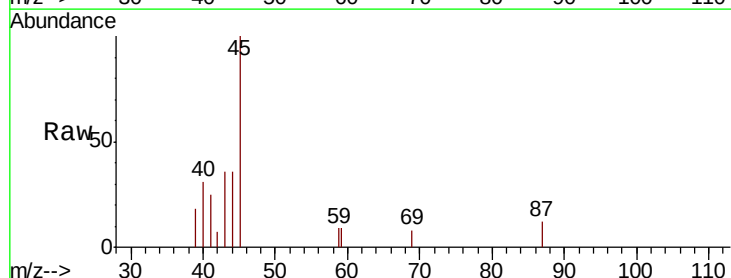
Instrument :
MSVOA_N
ClientSampled :

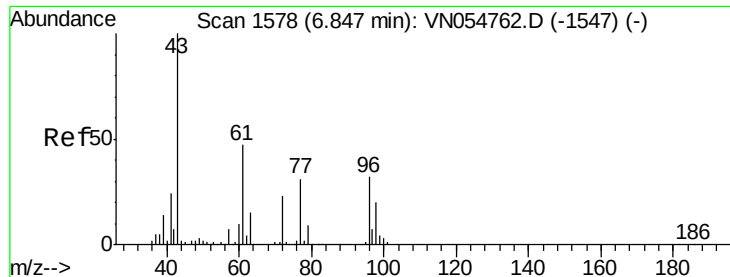
Tot Ion: 73 Resp: 120043
Ion Ratio Lower Upper
73 100
57 24.0 16.8 25.2



#22
Diisopropyl ether
Concen: 0.362 ug/l
RT: 5.96 min Scan# 1303
Delta R.T. 0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 45 Resp: 7428
Ion Ratio Lower Upper
45 100
43 28.6 48.2 72.2#
87 12.0 24.9 37.3#
59 18.0 9.5 14.3#

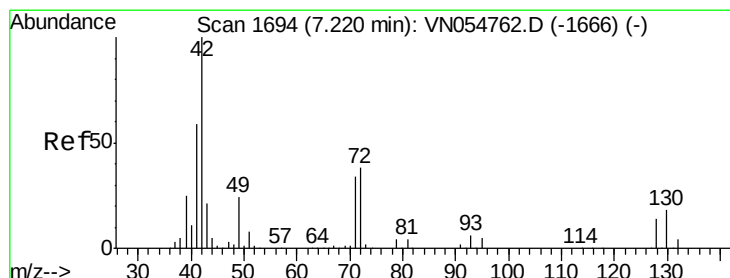
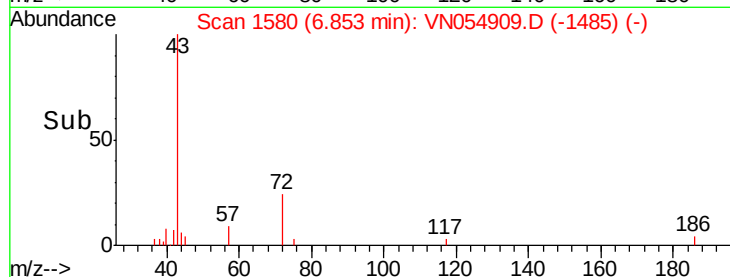
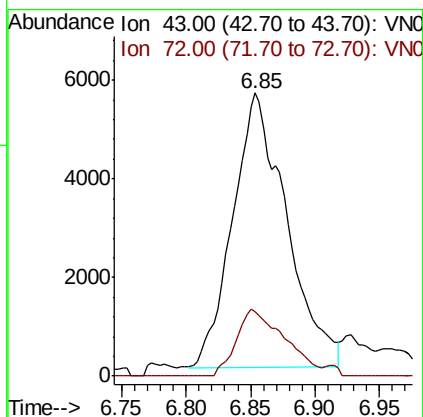
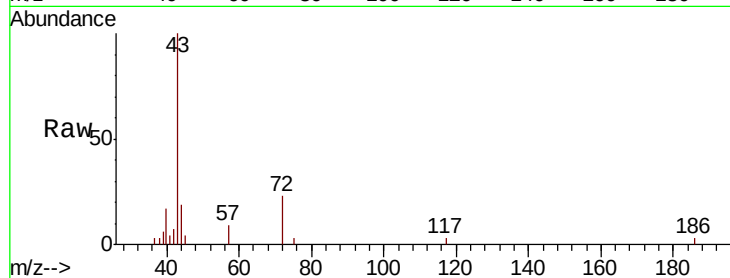




#25
2-Butanone
Concen: 6.331 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

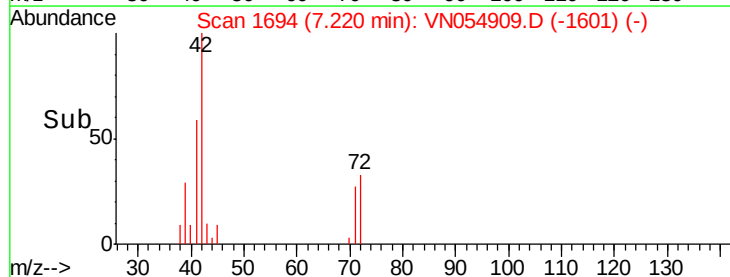
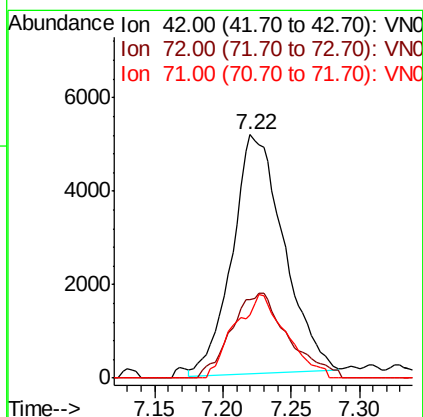
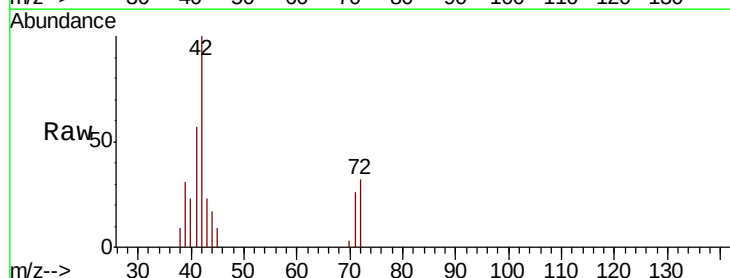
Instrument :
MSVOA_N
ClientSampleId :

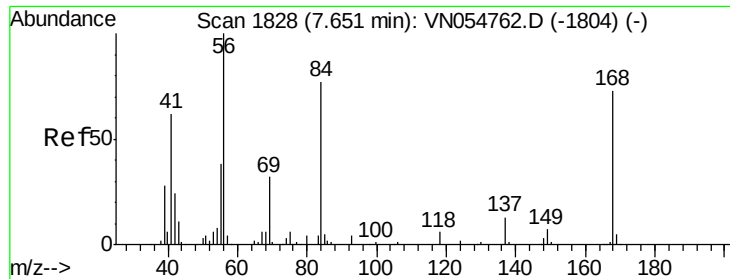
Tot Ion: 43 Resp: 16113
Ion Ratio Lower Upper
43 100
72 23.7 23.0 34.6



#29
Tetrahydrofuran
Concen: 7.639 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 42 Resp: 13503
Ion Ratio Lower Upper
42 100
72 38.9 37.8 56.6
71 34.8 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :
MSVOA_N
ClientSampled :

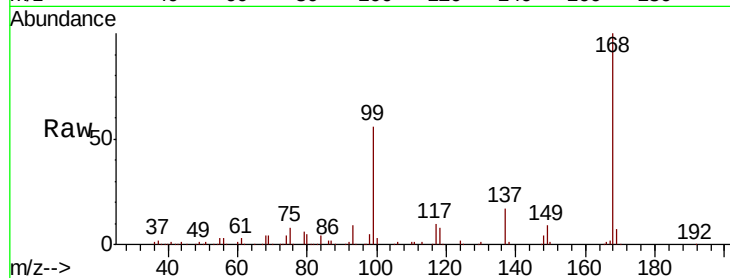
Tot Ion: 56 Resp: 17227

Ion Ratio Lower Upper

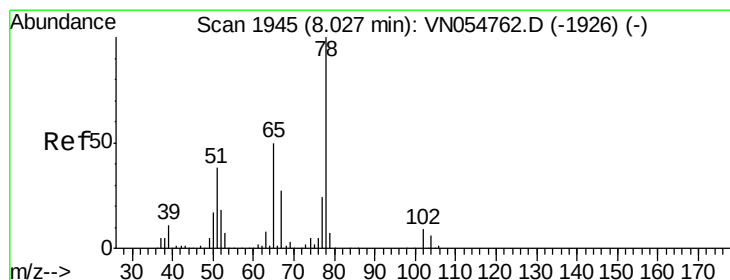
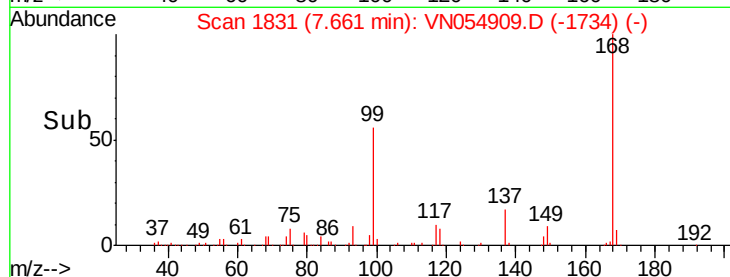
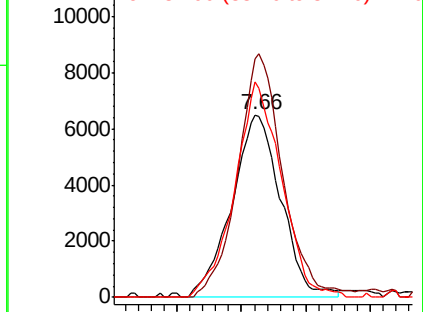
56 100

69 130.7 27.8 41.6#

84 117.7 74.6 111.8#



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



#33

1,2-Dichloroethane-d4

Concen: 49.639 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054909.D

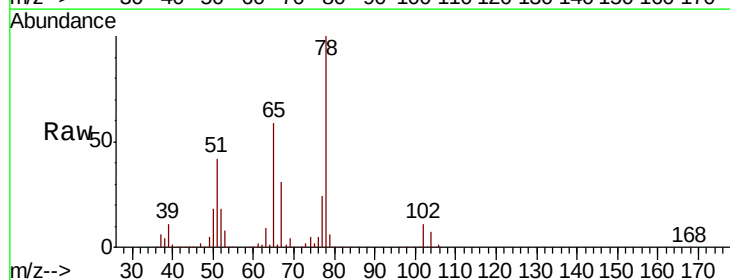
Acq: 2 Apr 2019 18:29

Tgt Ion: 65 Resp: 358402

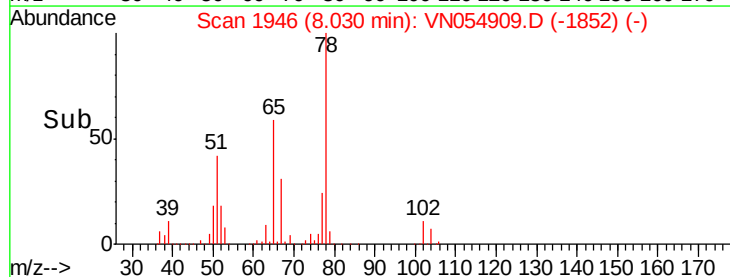
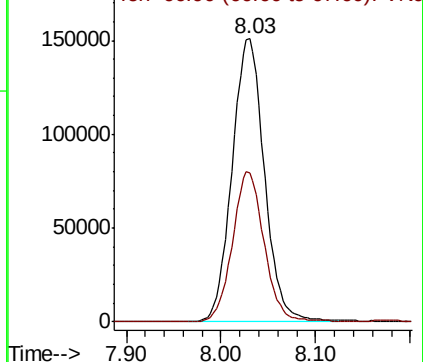
Ion Ratio Lower Upper

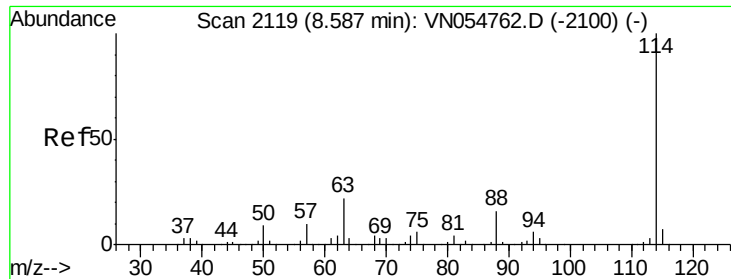
65 100

67 51.8 0.0 104.6



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

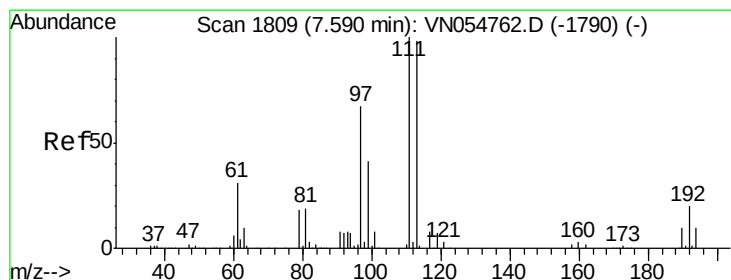
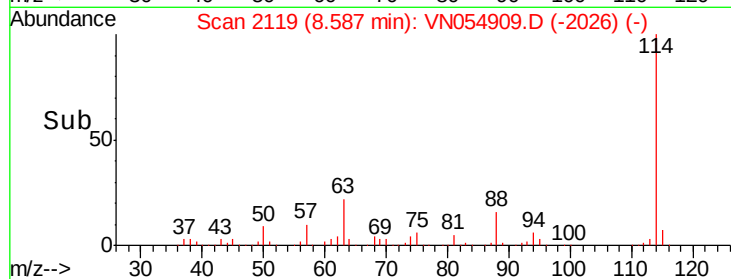
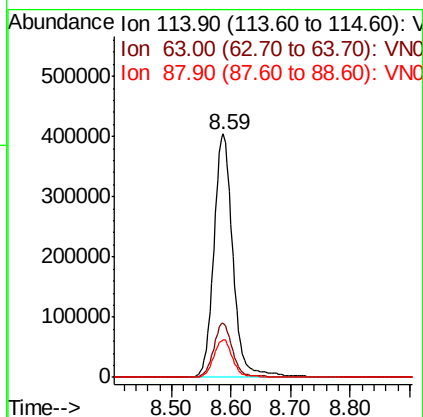
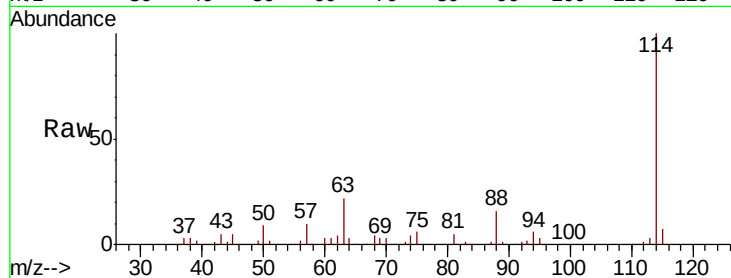




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

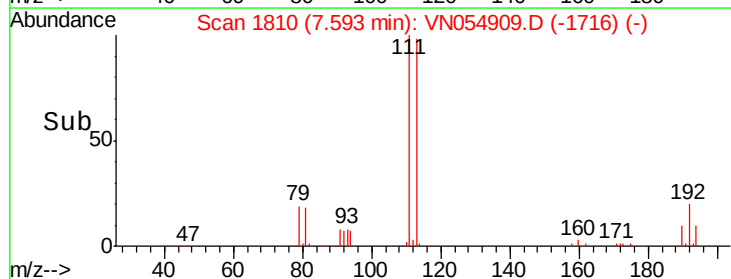
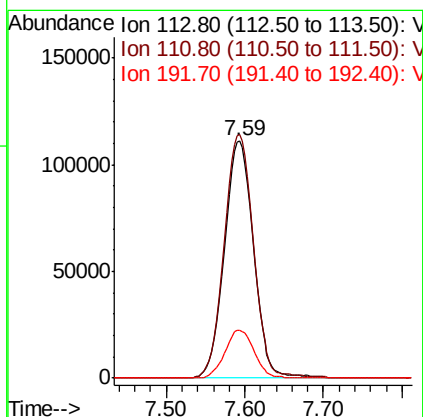
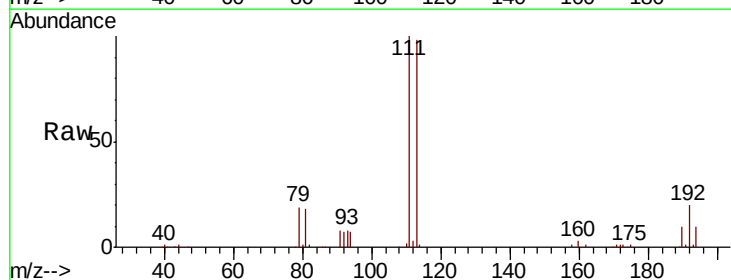
Instrument :
 MSVOA_N
 ClientSampleId :

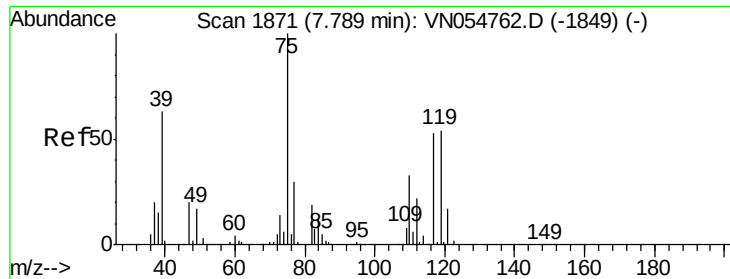
Tot Ion:114 Resp: 896672
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.667 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion:113 Resp: 284957
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 20.4 19.2 28.8

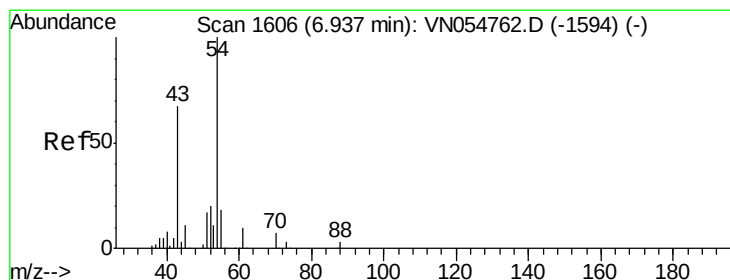
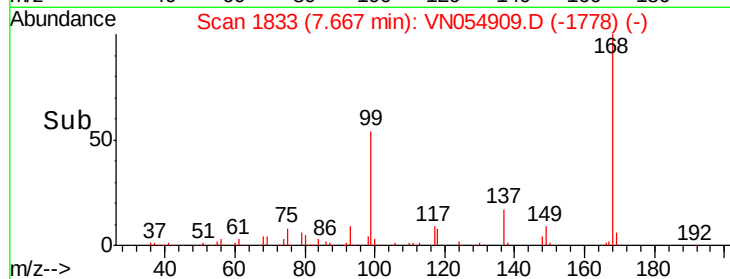
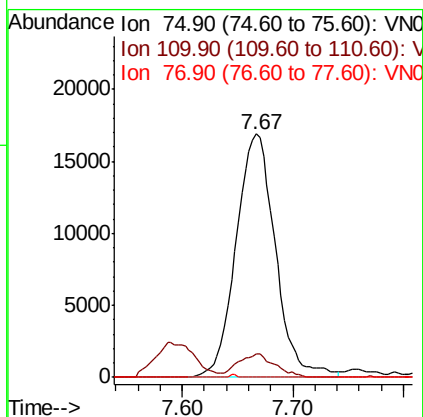
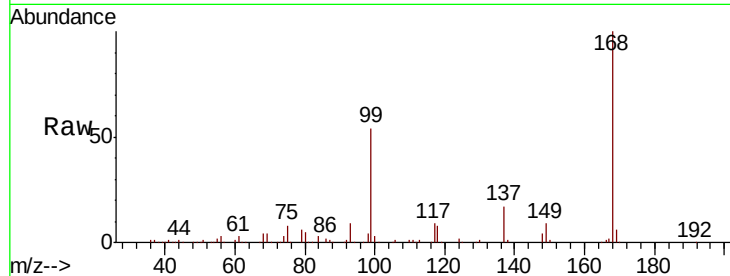




#36
 1,1-Dichloropropene
 Concen: 4.993 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

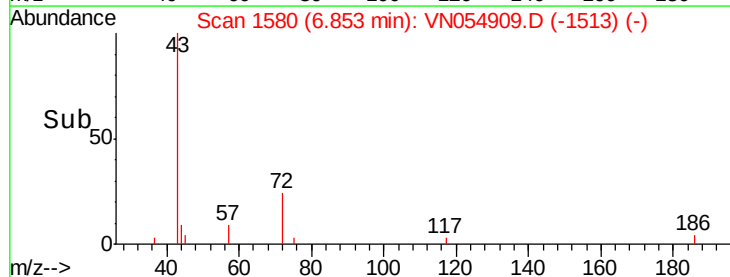
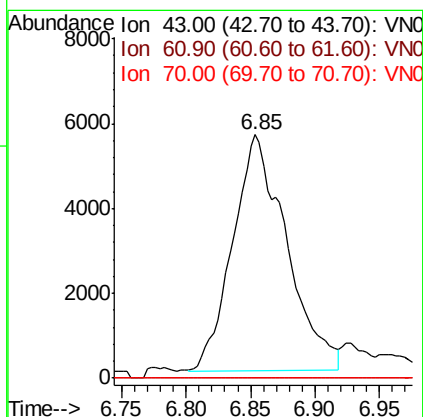
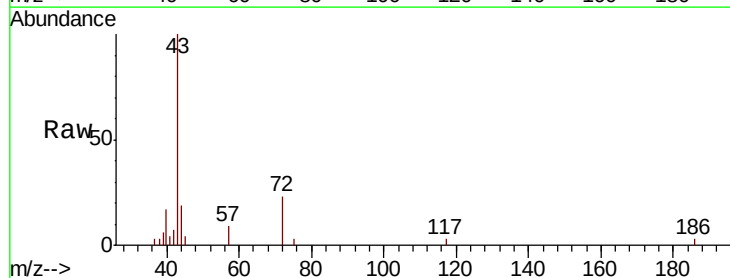
Instrument :
 MSVOA_N
 ClientSampleId :

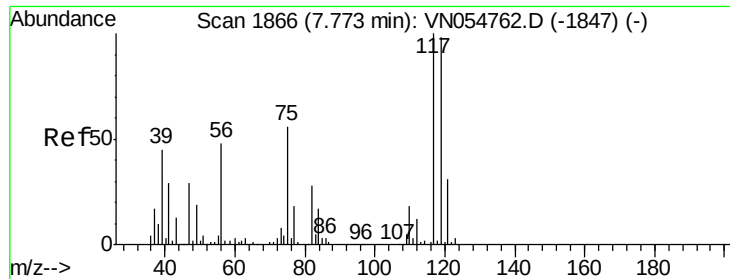
Tot Ion	75	Resp	41720
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	19.1	57.5#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 2.630 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion	43	Resp	16113
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.4	12.6#

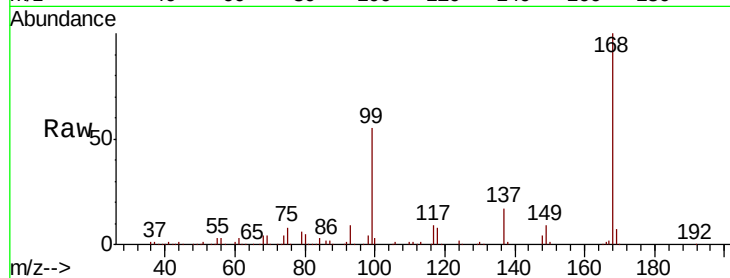




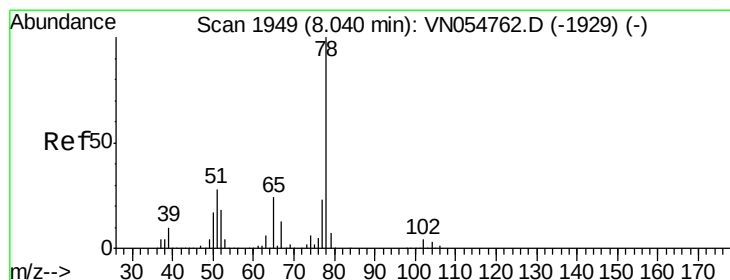
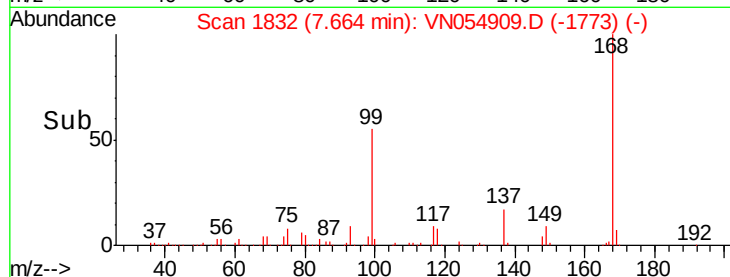
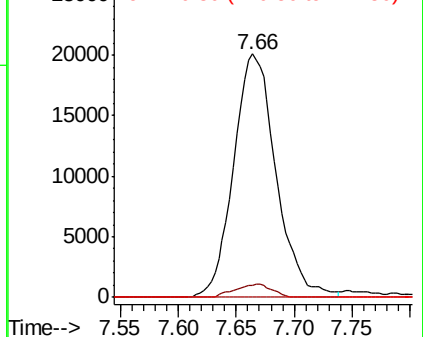
#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 51122
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 24.6 36.8#

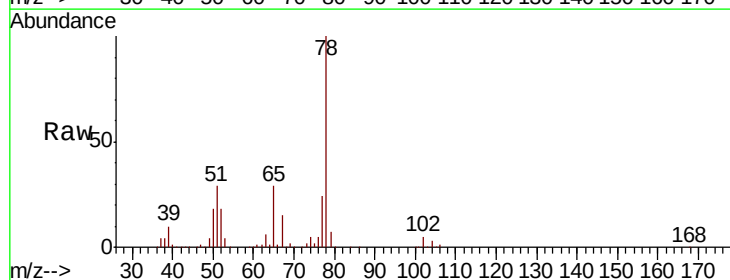


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

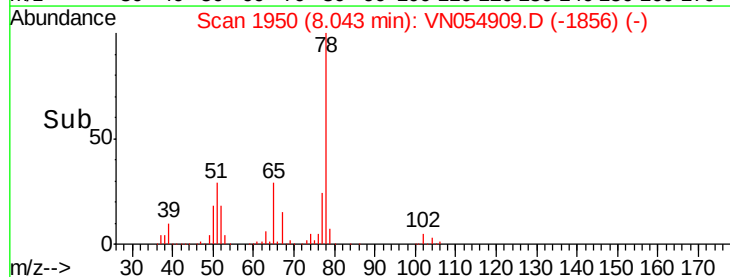
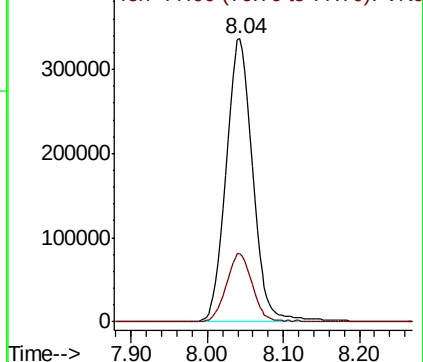


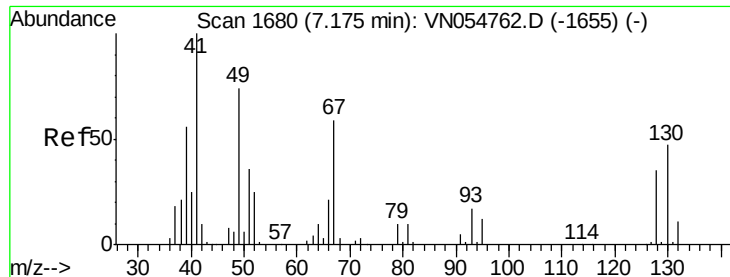
#40
Benzene
Concen: 34.397 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 78 Resp: 822349
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V





#41

Methacrylonitrile

Concen: 2.567 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 8835

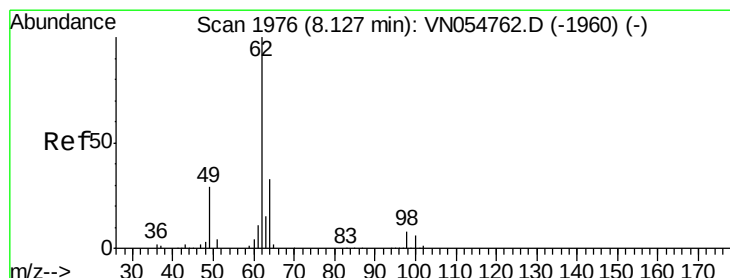
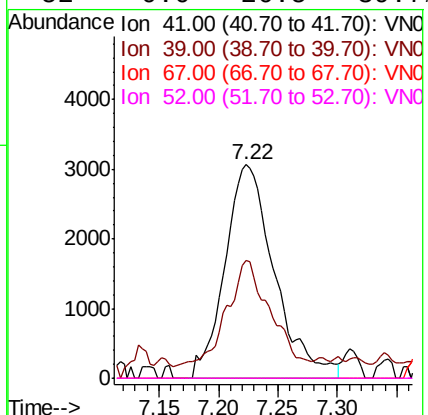
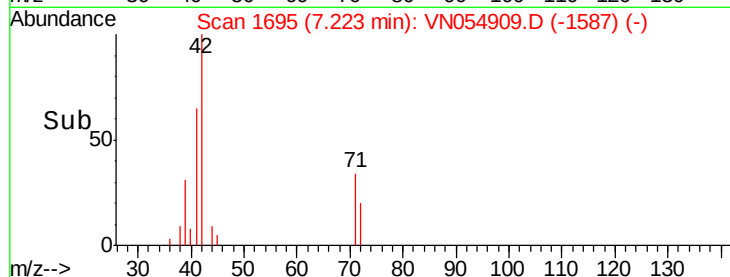
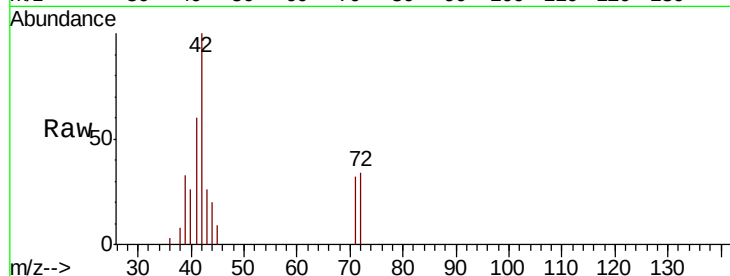
Ion Ratio Lower Upper

41 100

39 43.8 46.8 70.2#

67 0.0 67.0 100.4#

52 0.0 26.5 39.7#



#42

1,2-Dichloroethane

Concen: 0.866 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. -0.08 min

Lab File: VN054909.D

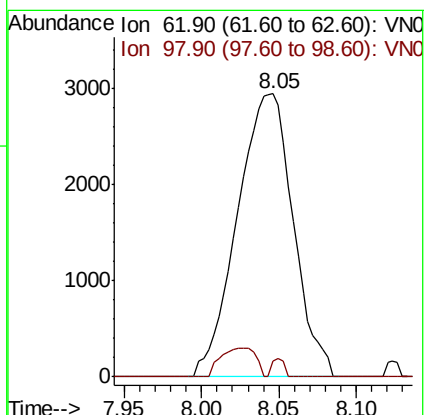
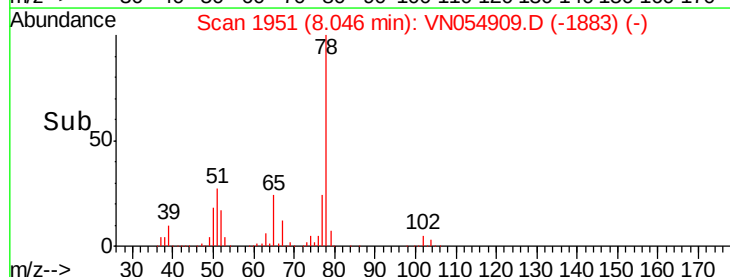
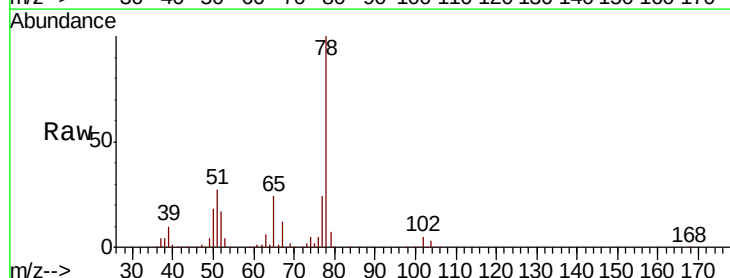
Acq: 2 Apr 2019 18:29

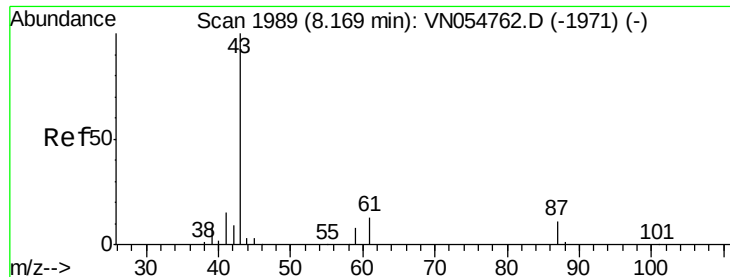
Tgt Ion: 62 Resp: 7390

Ion Ratio Lower Upper

62 100

98 1.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 1.676 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.08 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

ClientSampleId :

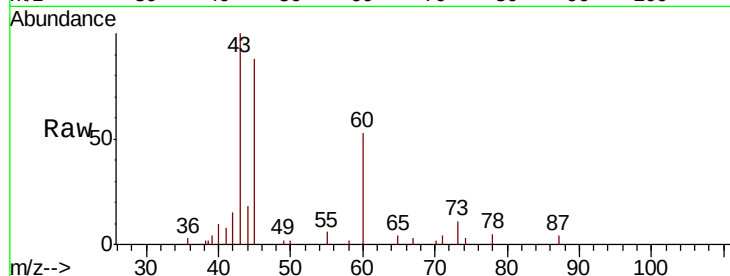
Tot Ion: 43 Resp: 16690

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

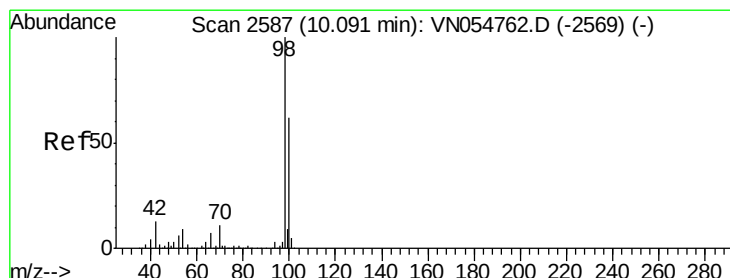
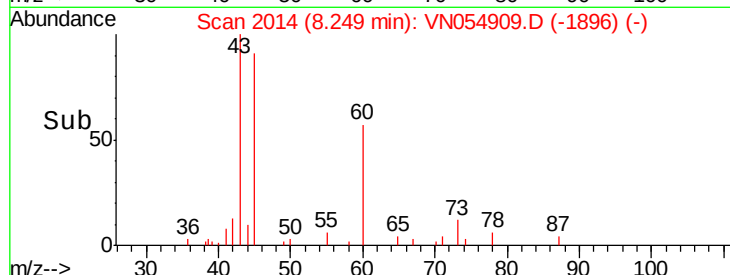
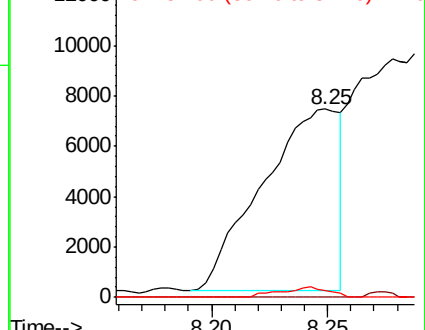
87 3.6 12.0 18.0#



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: 48.131 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054909.D

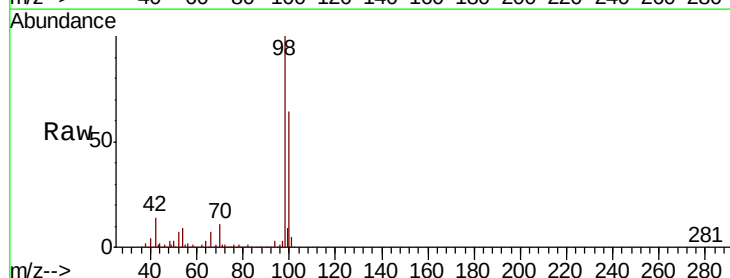
Acq: 2 Apr 2019 18:29

Tgt Ion: 98 Resp: 1069709

Ion Ratio Lower Upper

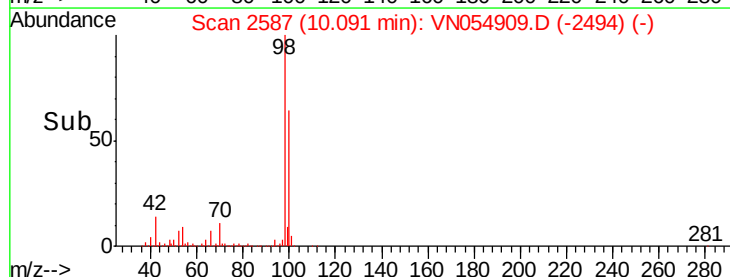
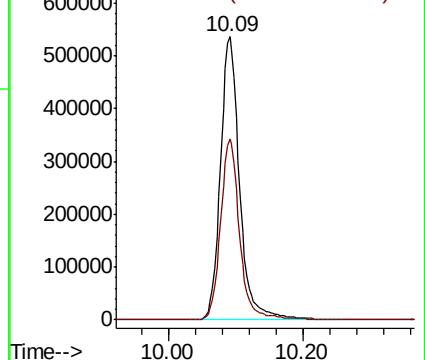
98 100

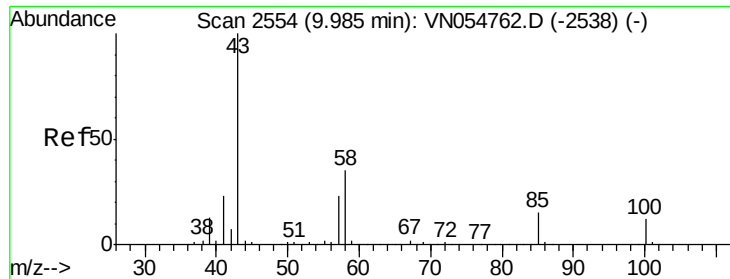
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.392 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

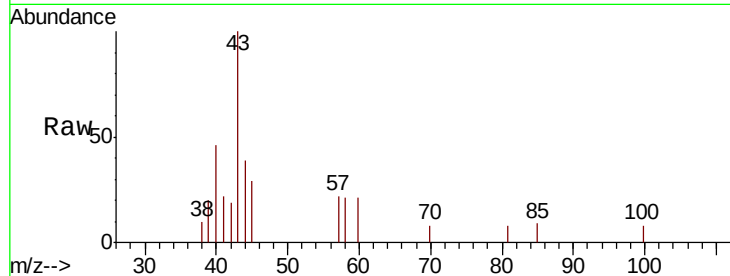
ClientSampled :

Tot Ion: 43 Resp: 2195

Ion Ratio Lower Upper

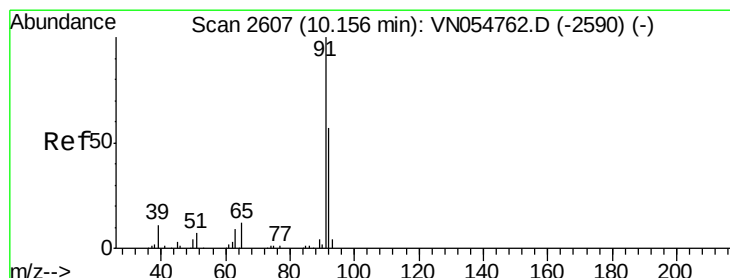
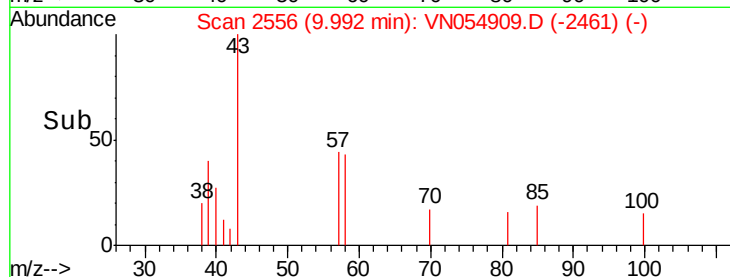
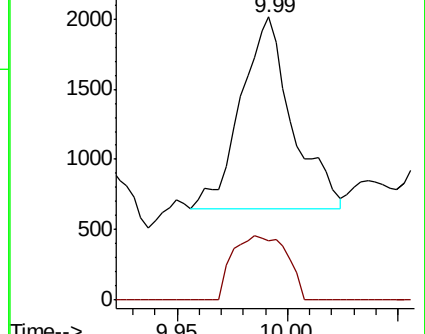
43 100

58 35.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 158.257 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054909.D

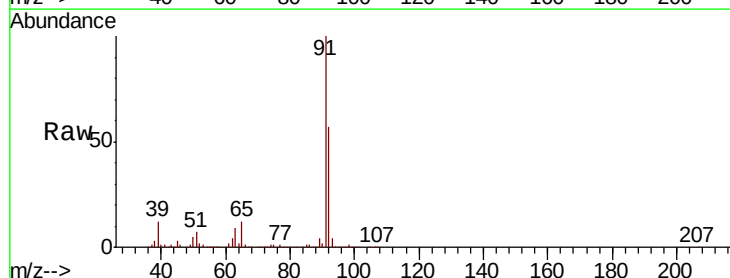
Acq: 2 Apr 2019 18:29

Tgt Ion: 92 Resp: 2251359

Ion Ratio Lower Upper

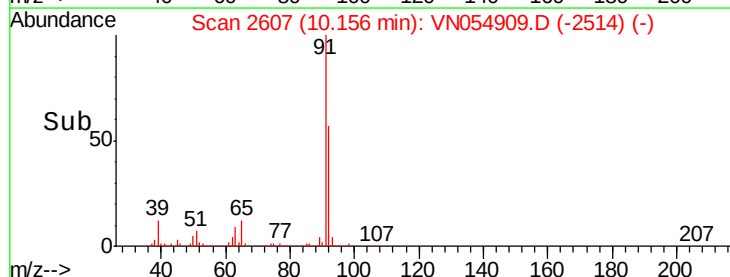
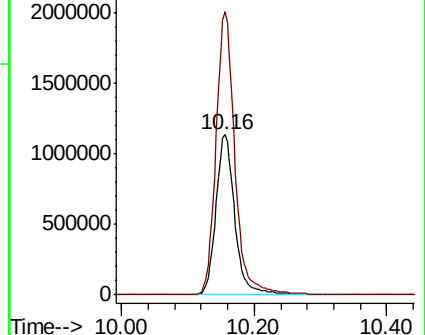
92 100

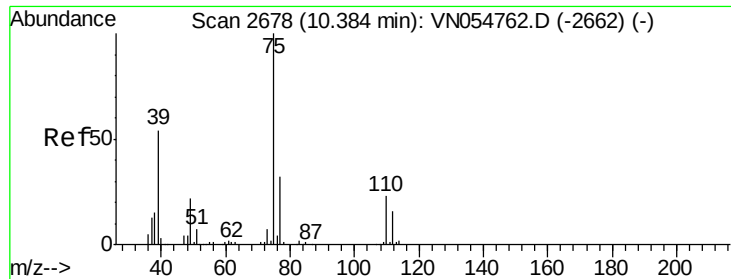
91 176.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

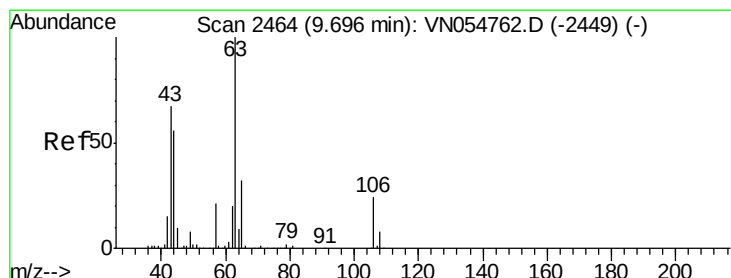
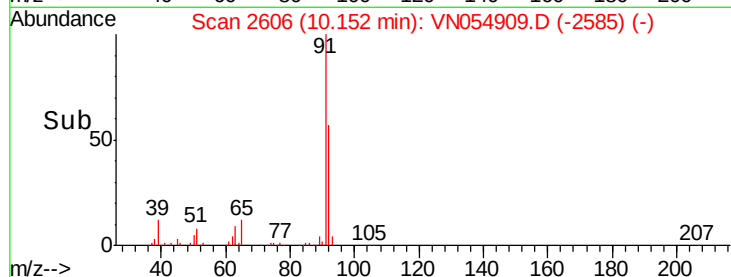
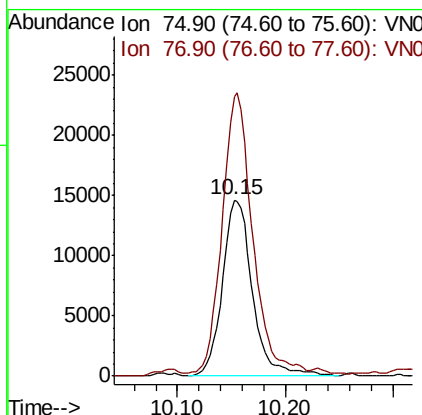
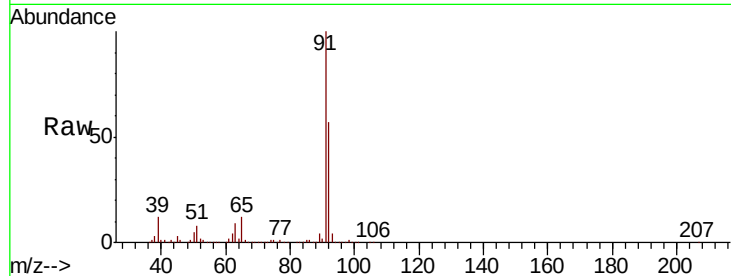




#53
t-1,3-Dichloropropene
Concen: 3.789 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.23 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

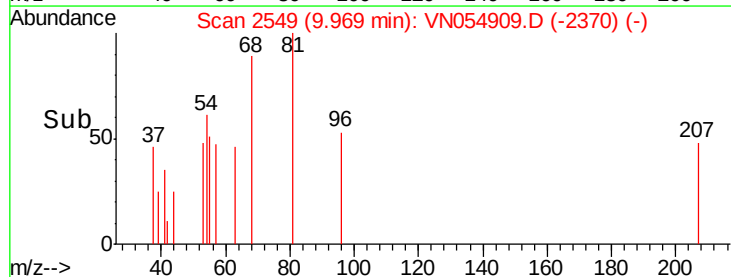
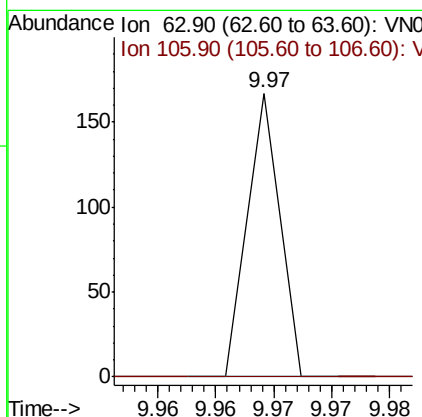
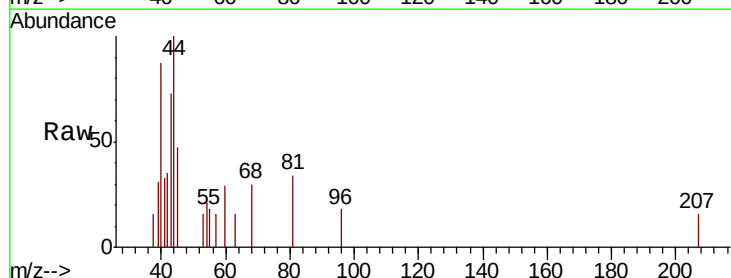
Instrument :
MSVOA_N
ClientSampled :

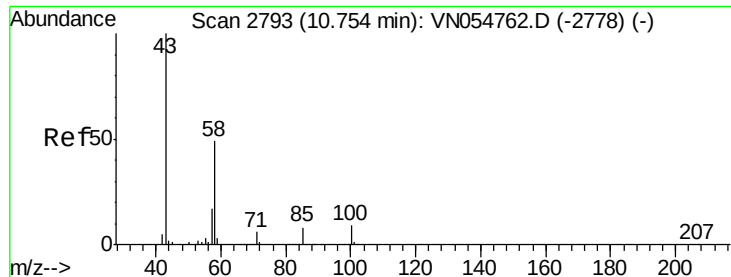
Tot Ion: 75 Resp: 28410
Ion Ratio Lower Upper
75 100
77 156.8 25.8 38.8#



#58
2-Chloroethyl Vinyl ether
Concen: 10.365 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.27 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 63 Resp: 32
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#

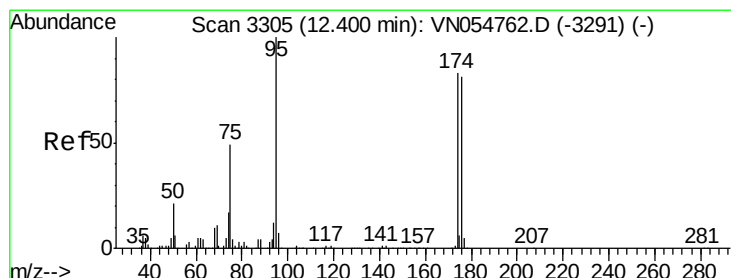
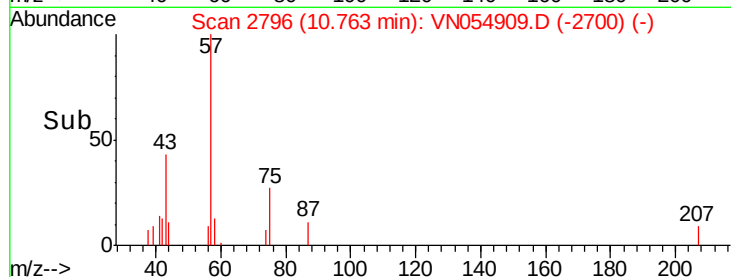
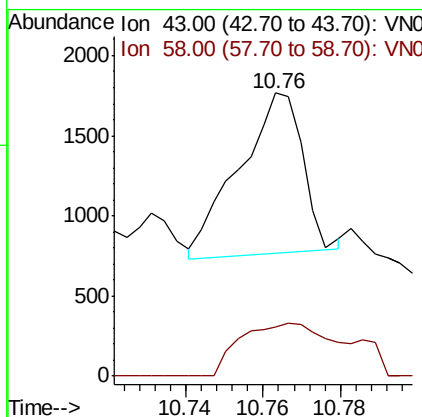
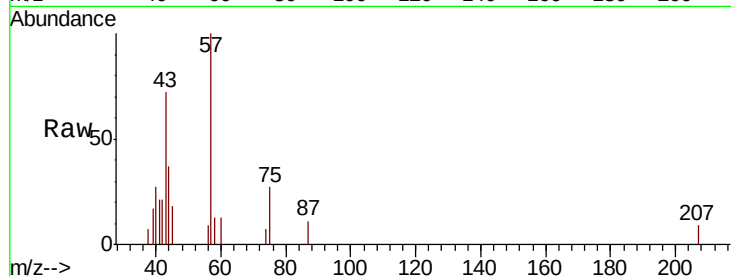




#59
2-Hexanone
Concen: 0.322 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

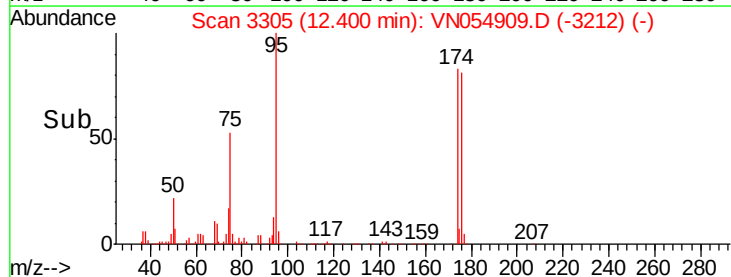
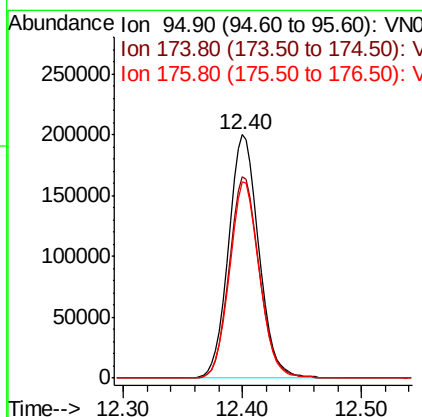
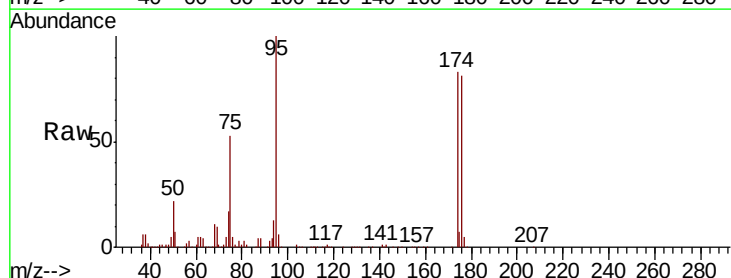
Instrument :
MSVOA_N
ClientSampleId :

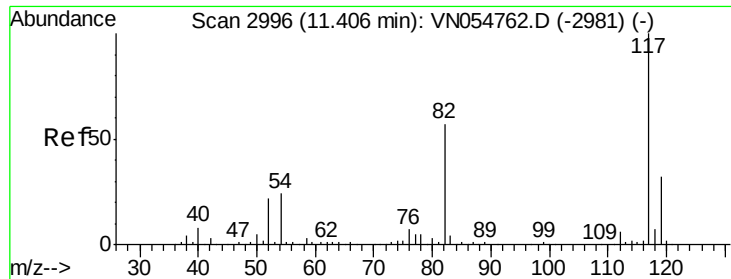
Tot Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 95 Resp: 352479
Ion Ratio Lower Upper
95 100
174 82.4 0.0 191.0
176 79.5 0.0 187.4

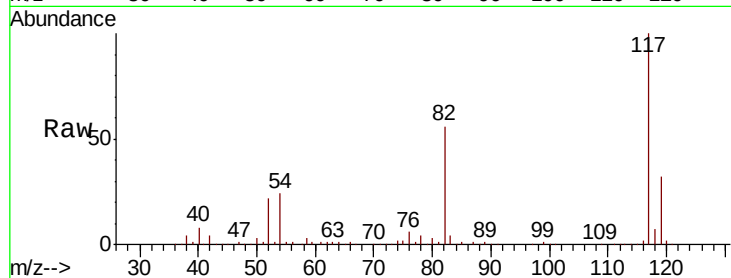




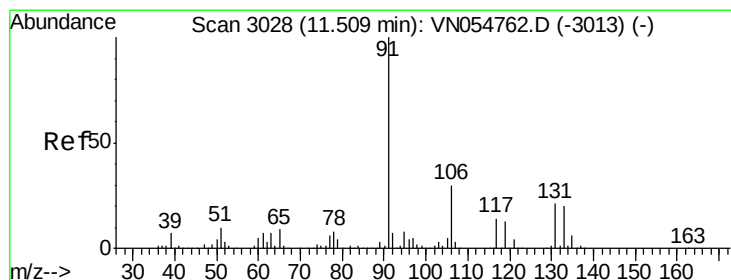
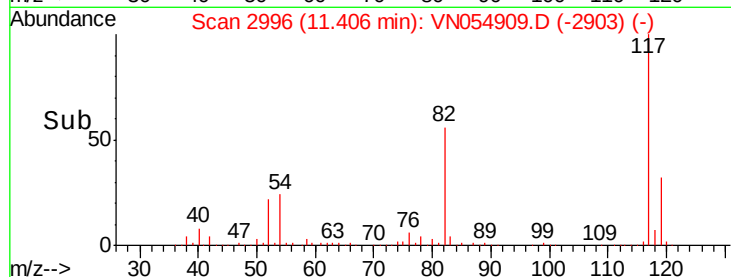
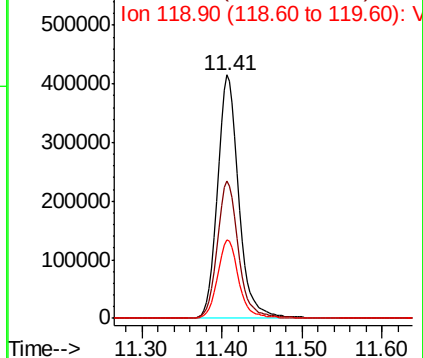
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 764229
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 32.2 25.8 38.6

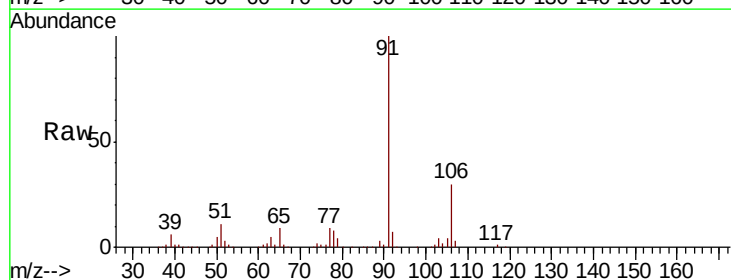


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

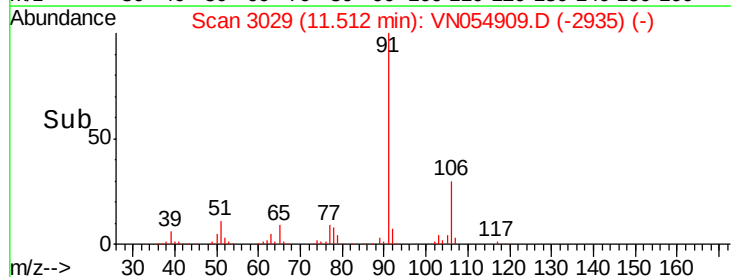
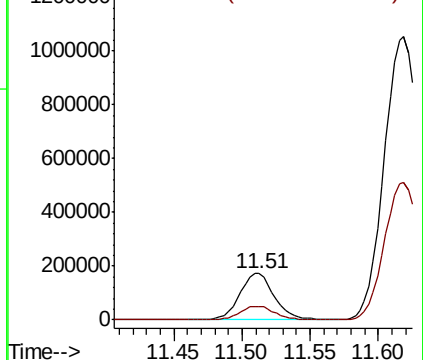


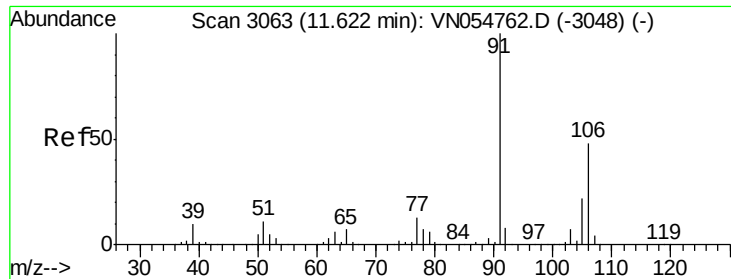
#67
Ethyl Benzene
Concen: 11.296 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion: 91 Resp: 304994
Ion Ratio Lower Upper
91 100
106 30.0 25.5 38.3



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

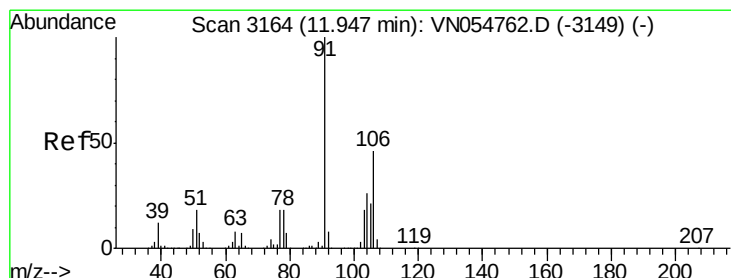
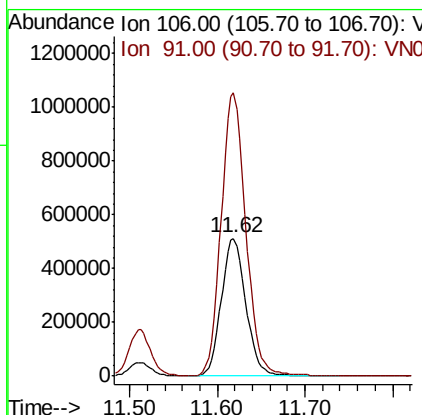
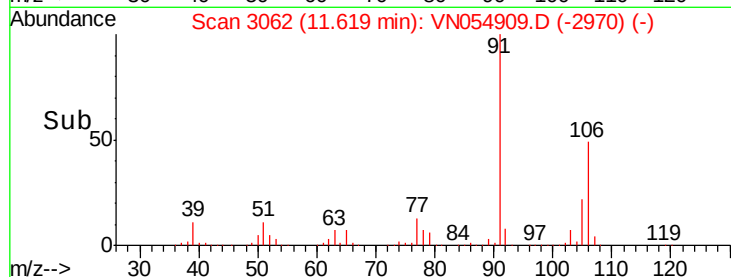
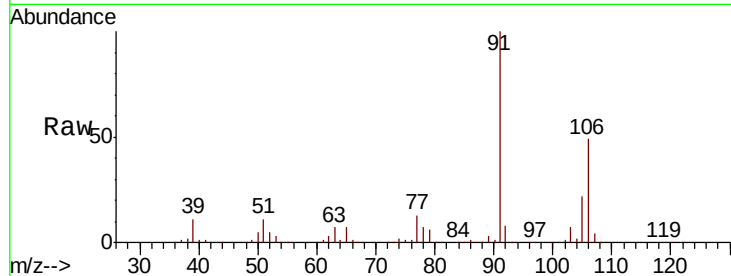




#68
m/p-Xylenes
Concen: 99.952 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

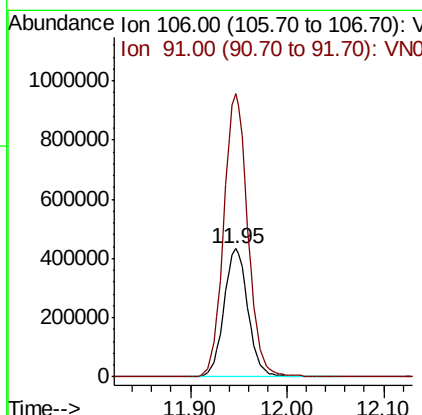
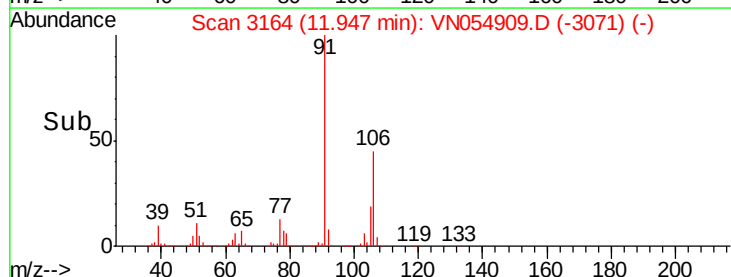
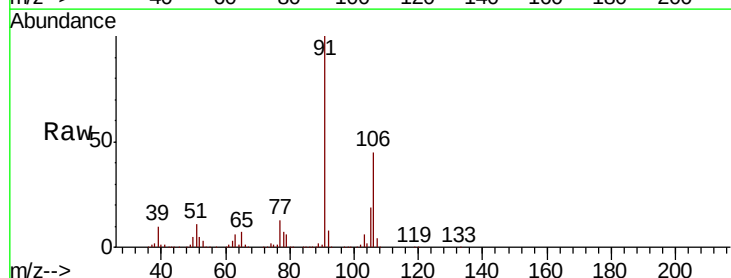
Instrument :
MSVOA_N
ClientSampleId :

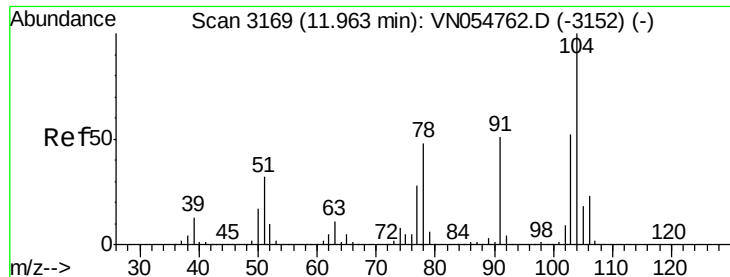
Tot Ion:106 Resp: 998731
Ion Ratio Lower Upper
106 100
91 206.8 159.4 239.2



#69
o-Xylene
Concen: 76.396 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Tgt Ion:106 Resp: 748550
Ion Ratio Lower Upper
106 100
91 220.8 105.7 317.1

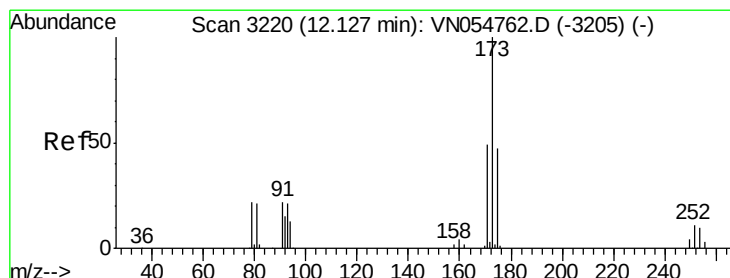
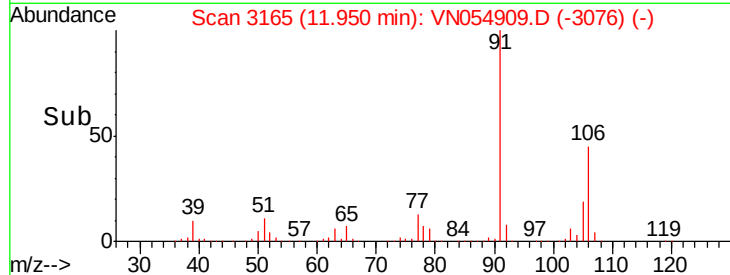
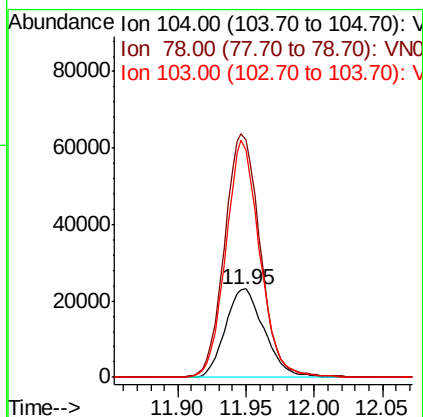
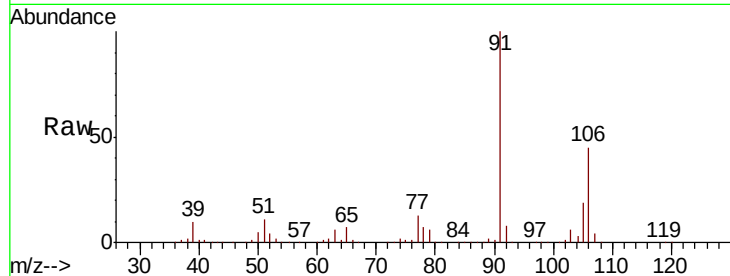




#70
 Stvrene
 Concen: 2.928 ug/l
 RT: 11.95 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

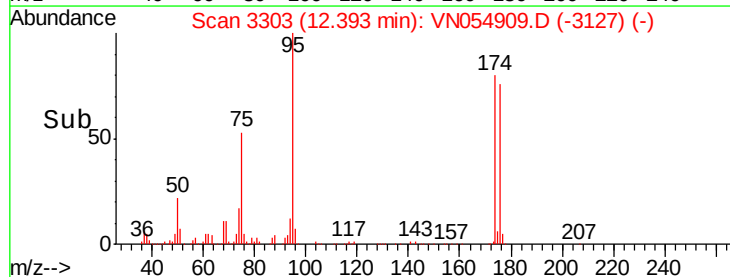
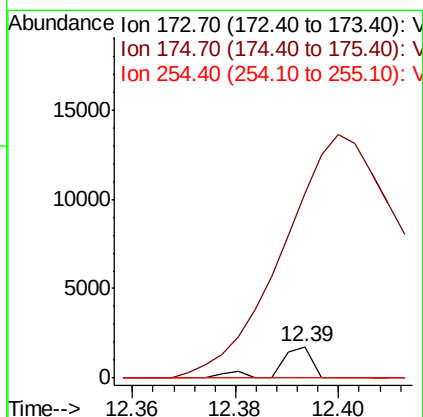
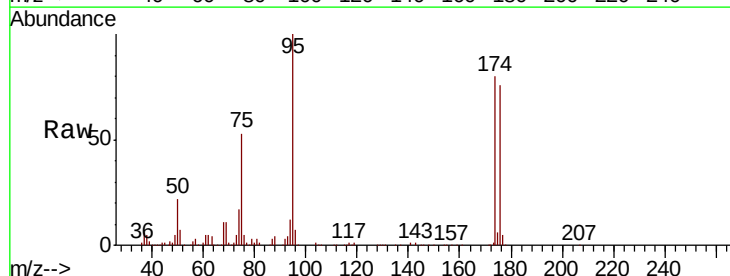
Instrument :
 MSVOA_N
 ClientSampled :

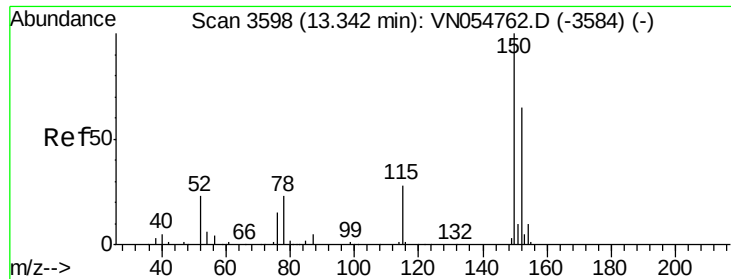
Tot Ion:104 Resp: 45877
 Ion Ratio Lower Upper
 104 100
 78 252.7 38.2 57.2#
 103 234.1 44.4 66.6#



#71
 Bromoform
 Concen: 0.223 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.27 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion:173 Resp: 733
 Ion Ratio Lower Upper
 173 100
 175 2658.5 24.4 73.2#
 254 0.0 0.1 0.1#

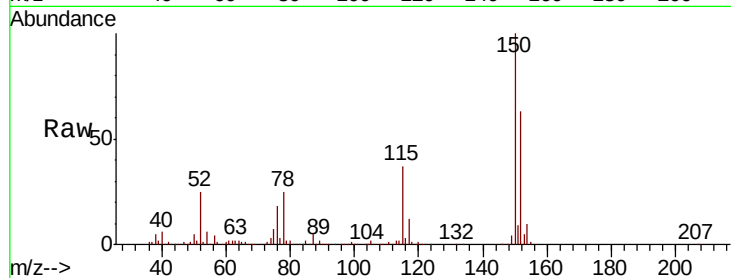




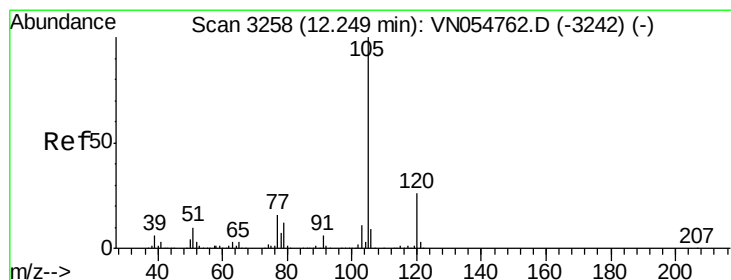
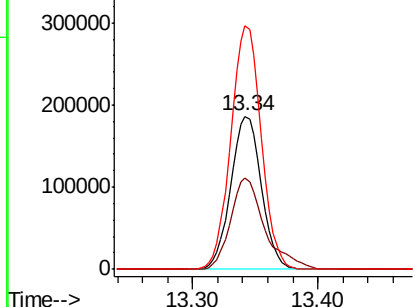
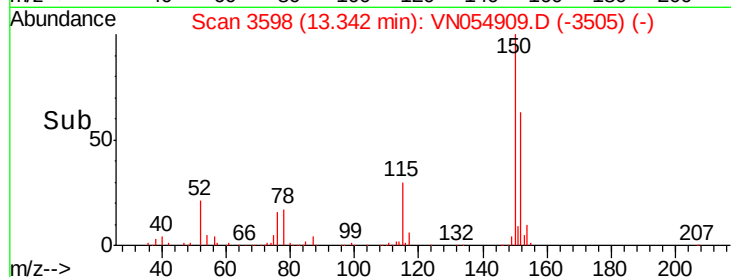
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.2	27.2	81.6
150	157.9	0.0	349.2

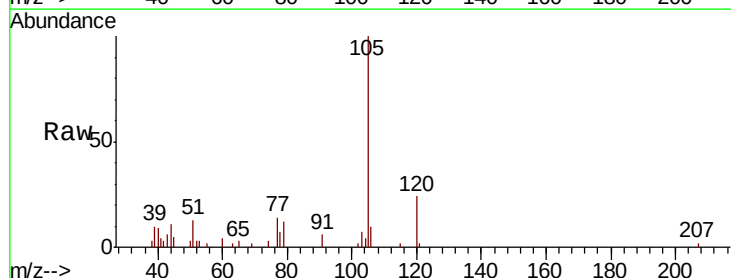


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

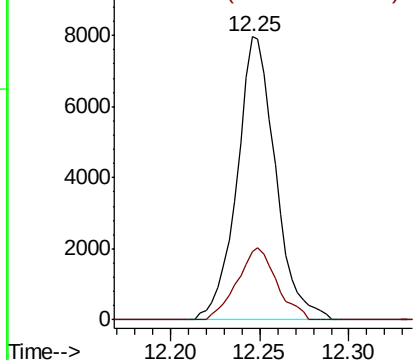
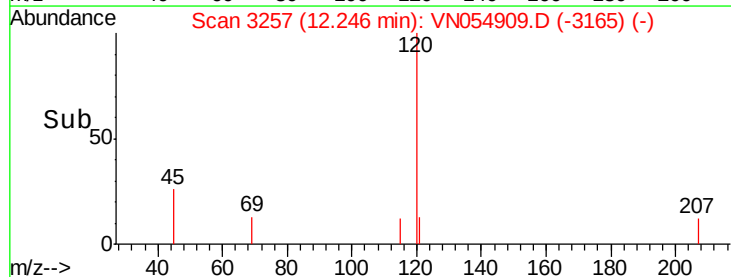


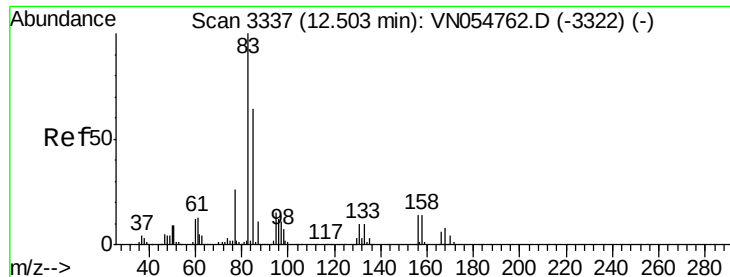
#73
 Isopropylbenzene
 Concen: 0.463 ug/l
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.8	41.3



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

ClientSampled :

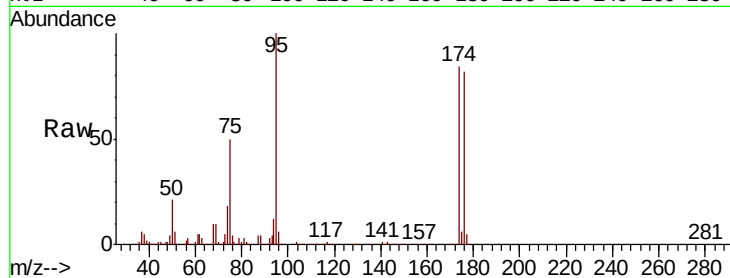
Tot Ion: 83 Resp: 94

Ion Ratio Lower Upper

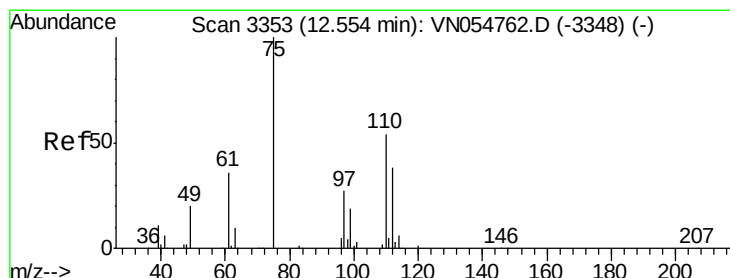
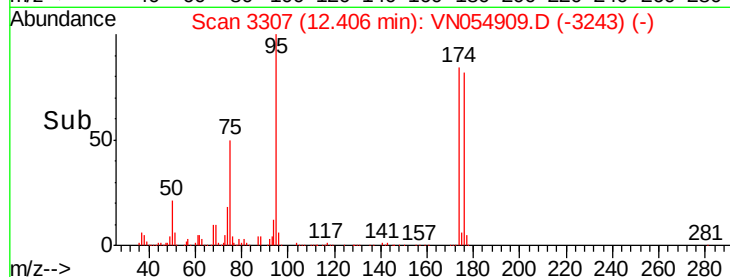
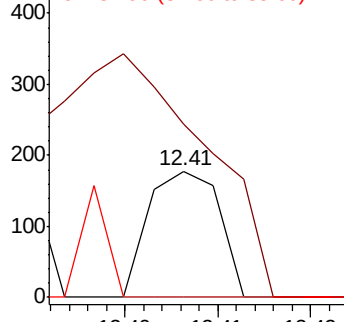
83 100

131 468.1 5.8 17.4#

85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 1.000 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. 0.10 min

Lab File: VN054909.D

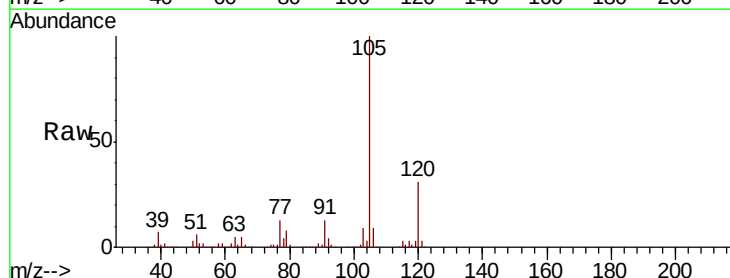
Acq: 2 Apr 2019 18:29

Tgt Ion: 75 Resp: 5479

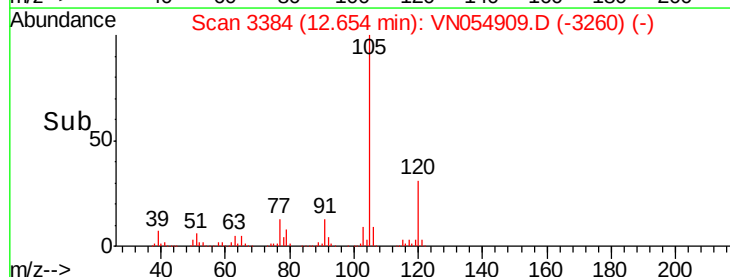
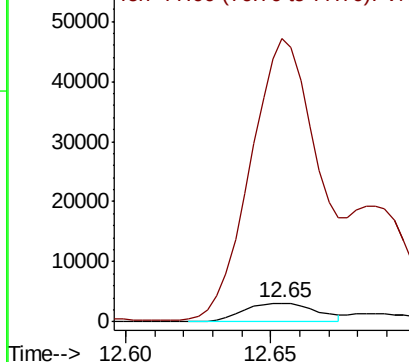
Ion Ratio Lower Upper

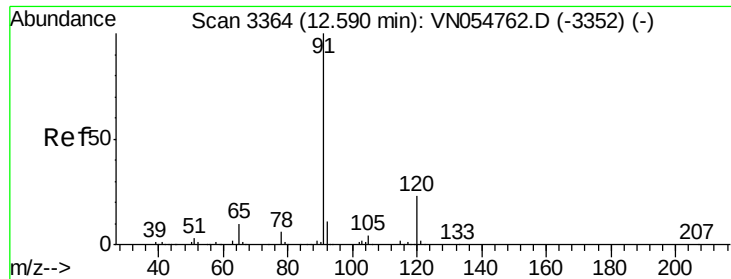
75 100

77 1419.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.814 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

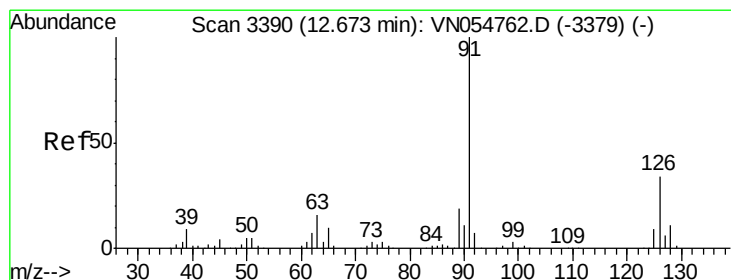
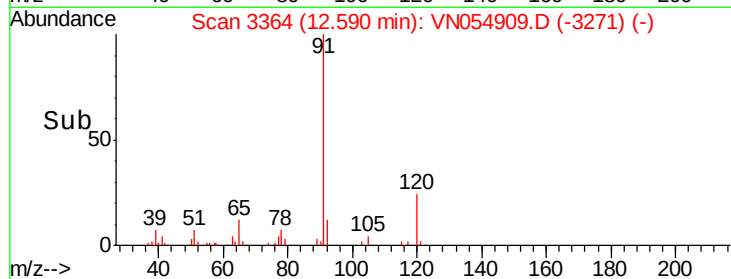
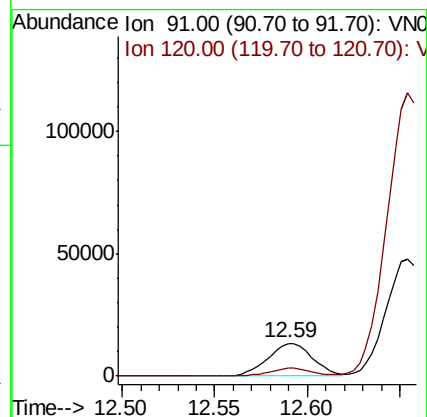
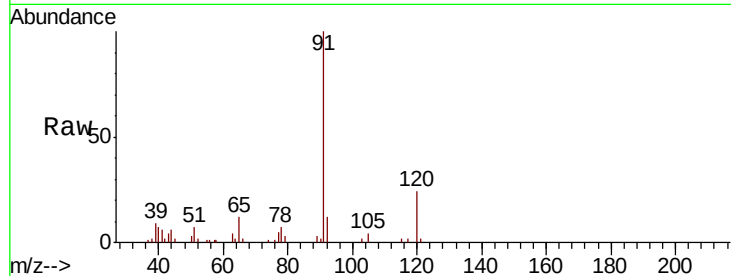
ClientSampled :

Tot Ion: 91 Resp: 23053

Ion Ratio Lower Upper

91 100

120 0.0 12.3 36.9#



#79

2-Chlorotoluene

Concen: 4.515 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054909.D

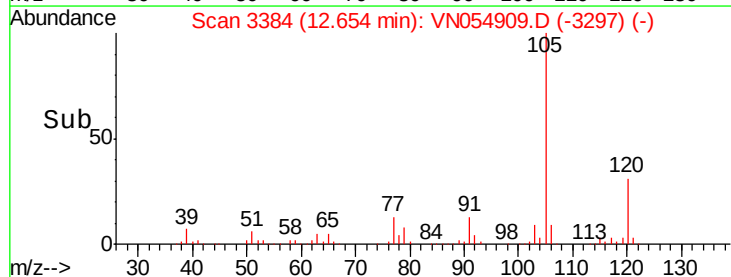
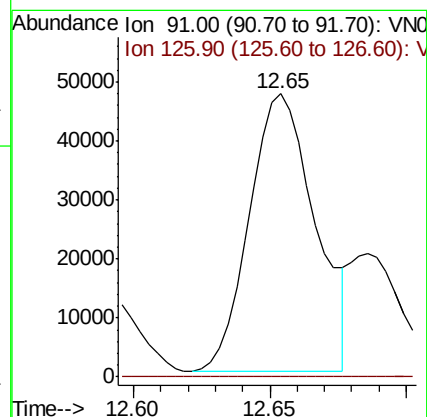
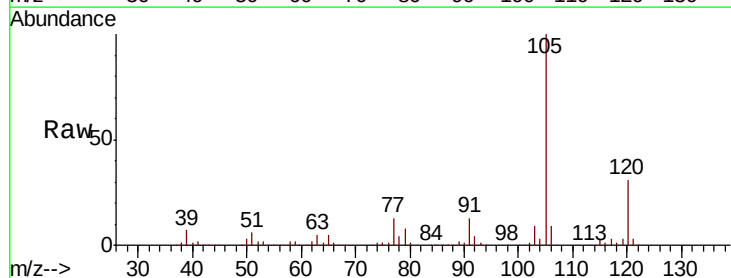
Acq: 2 Apr 2019 18:29

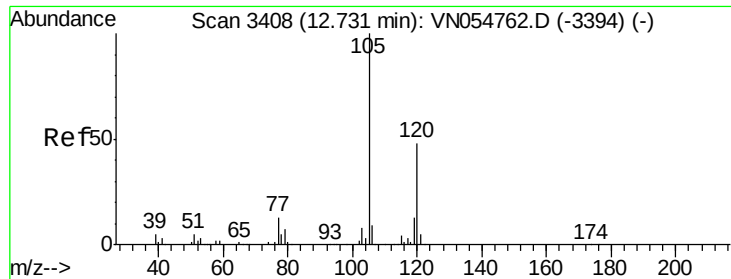
Tgt Ion: 91 Resp: 79112

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

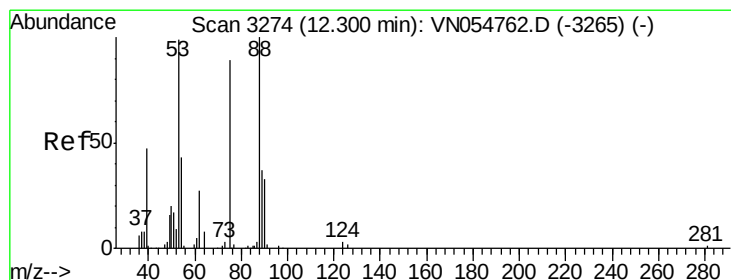
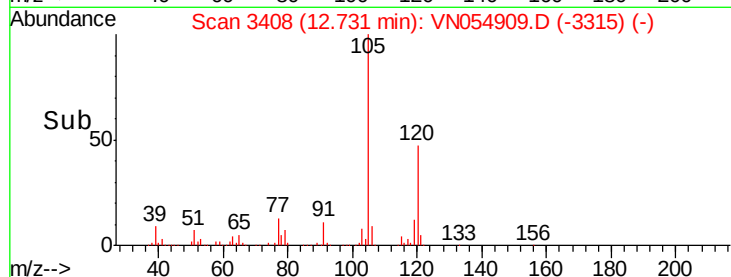
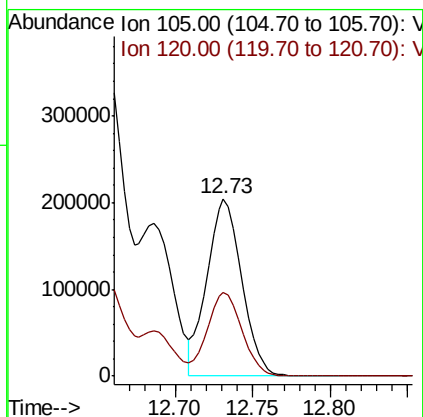
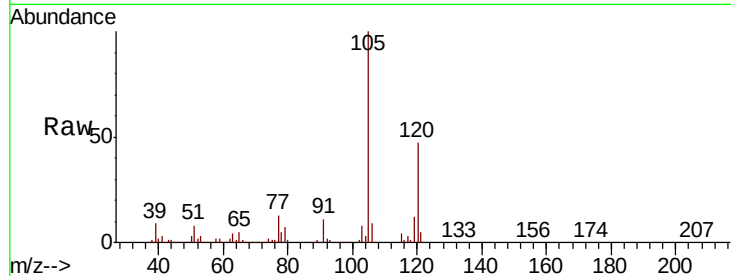




#80
 1,3,5-Trimethylbenzene
 Concen: 15.210 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

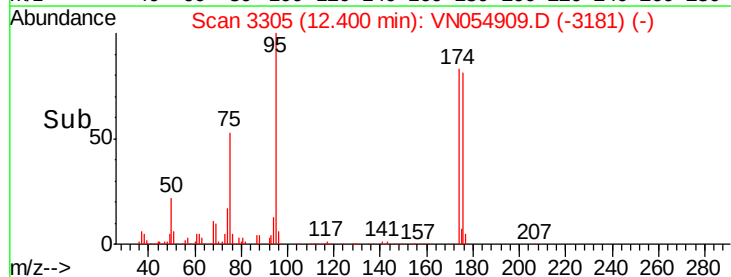
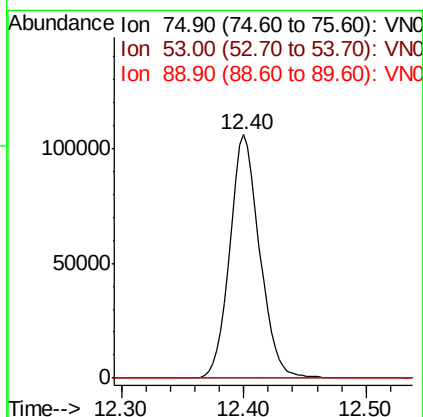
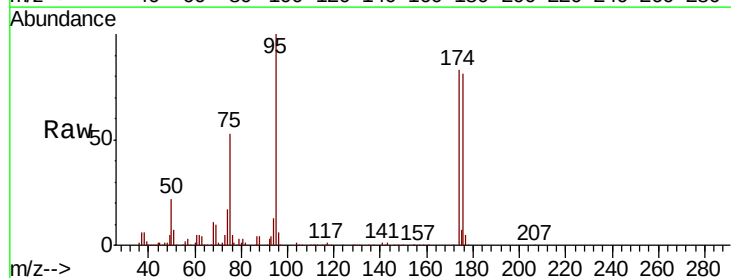
Instrument :
 MSVOA_N
 ClientSampleId :

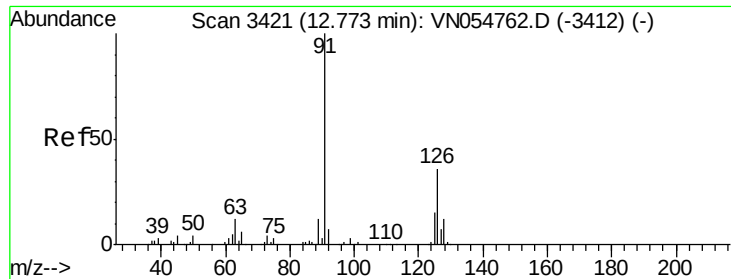
Tot Ion:105 Resp: 321583
 Ion Ratio Lower Upper
 105 100
 120 47.0 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.312 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion: 75 Resp: 180663
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#





#82

4-Chlorotoluene

Concen: 2.015 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

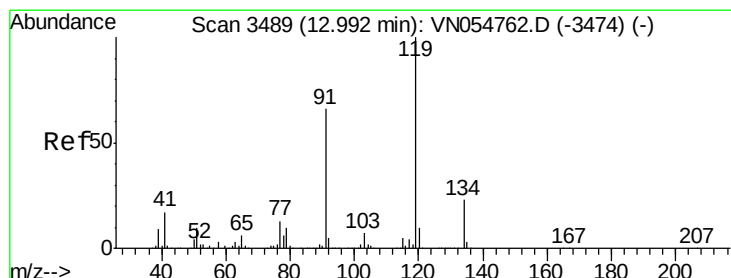
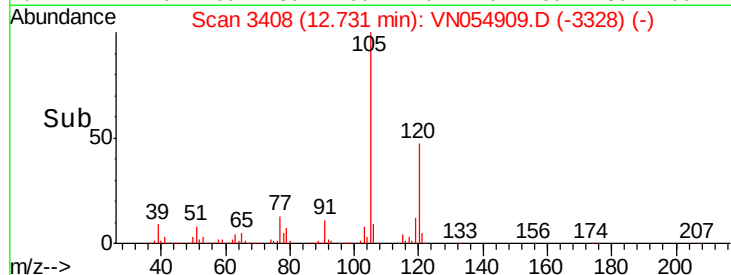
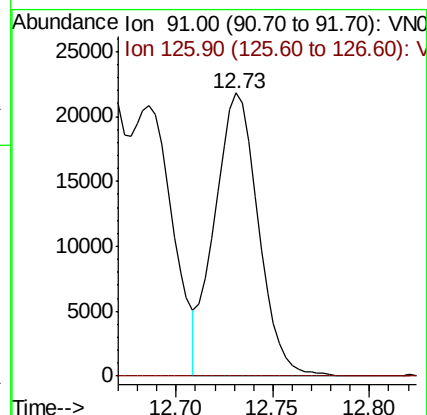
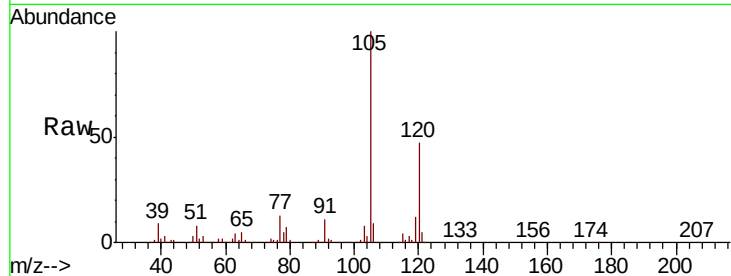
ClientSampled :

Tot Ion: 91 Resp: 34289

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#83

tert-Butylbenzene

Concen: 4.790 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

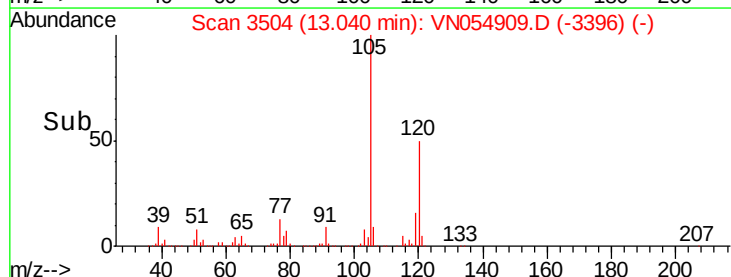
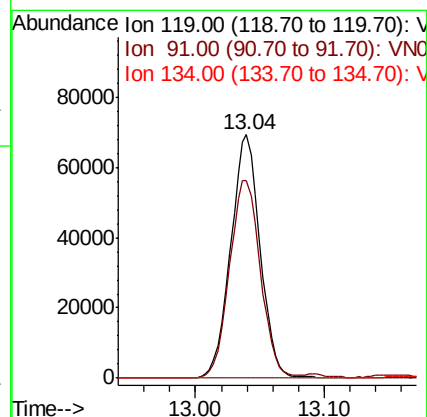
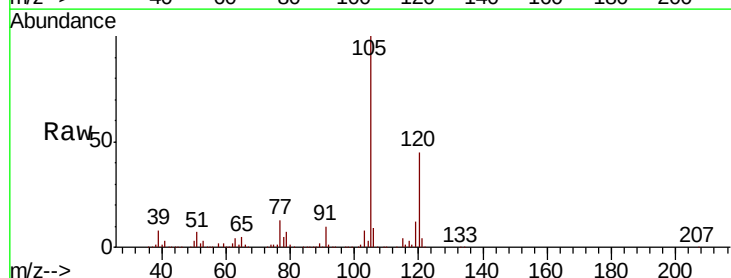
Tgt Ion: 119 Resp: 109385

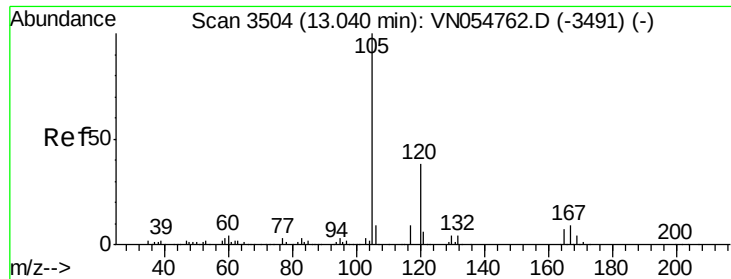
Ion Ratio Lower Upper

119 100

91 85.5 30.9 92.8

134 0.3 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 44.955 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

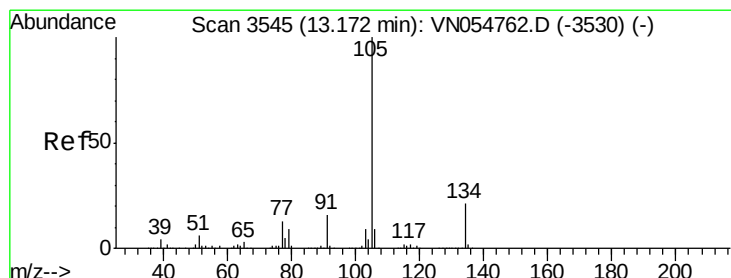
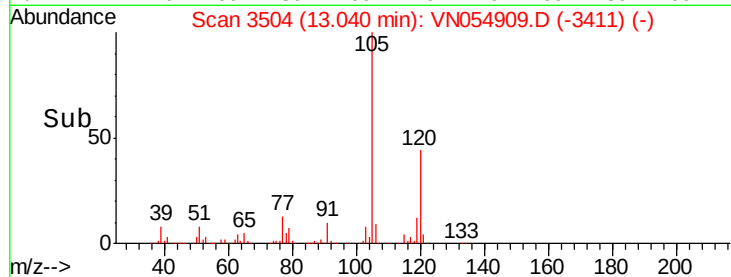
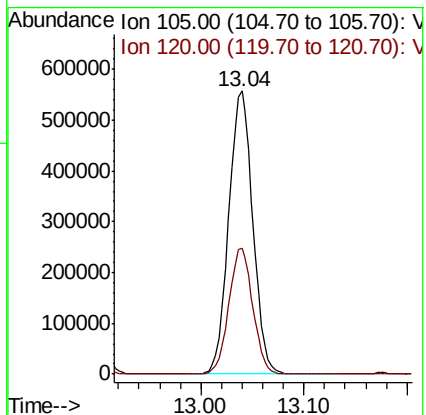
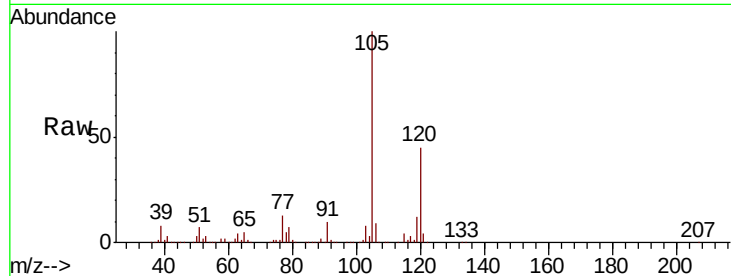
ClientSampled :

Tot Ion:105 Resp: 905548

Ion Ratio Lower Upper

105 100

120 44.3 23.4 70.3



#85

sec-Butylbenzene

Concen: 39.426 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054909.D

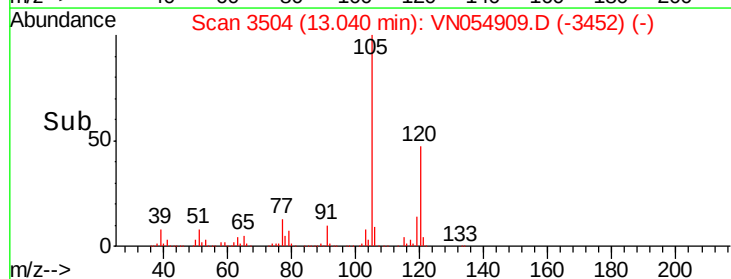
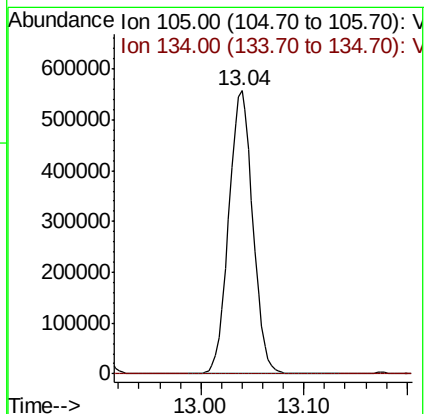
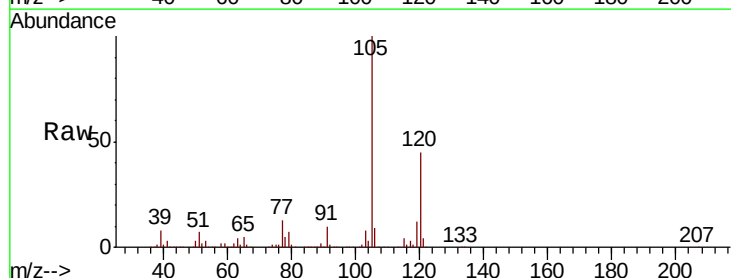
Acq: 2 Apr 2019 18:29

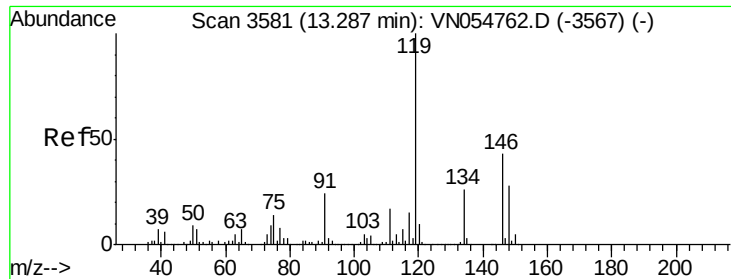
Tgt Ion:105 Resp: 905548

Ion Ratio Lower Upper

105 100

134 0.0 10.7 32.1#

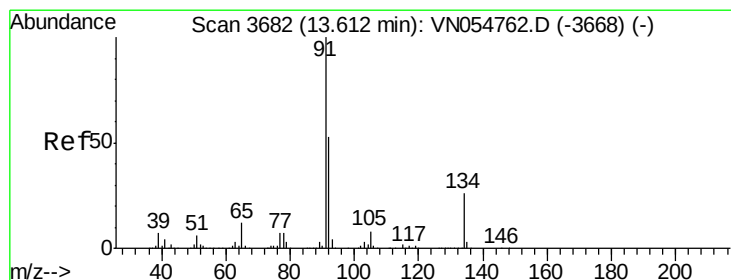
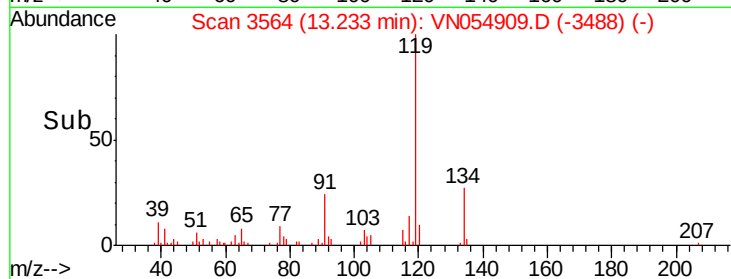
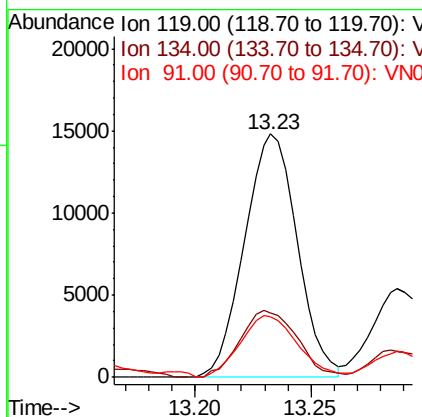
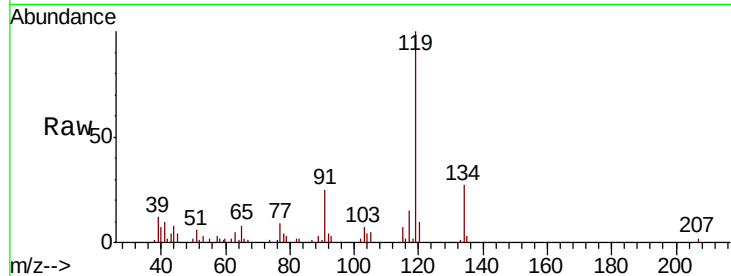




#86
 p-Isopropyltoluene
 Concen: 1.155 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

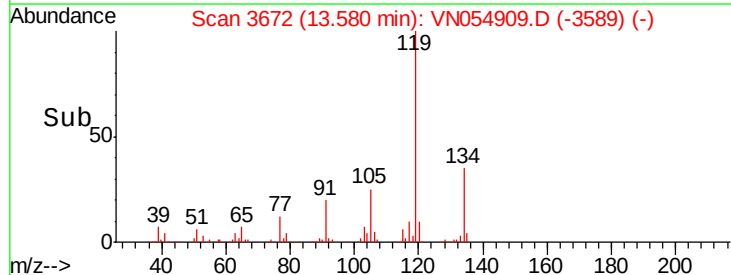
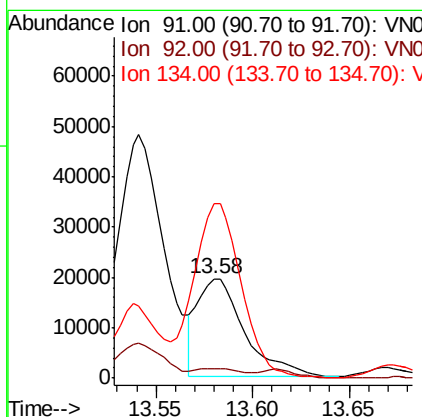
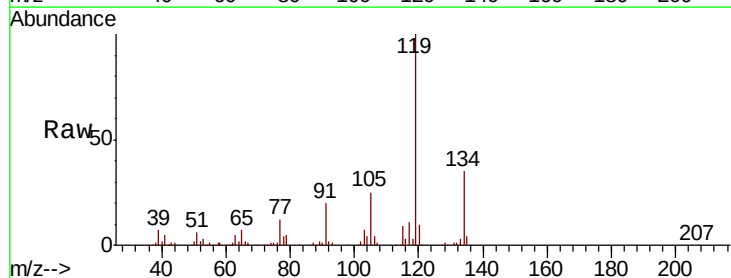
Instrument :
 MSVOA_N
 ClientSampleId :

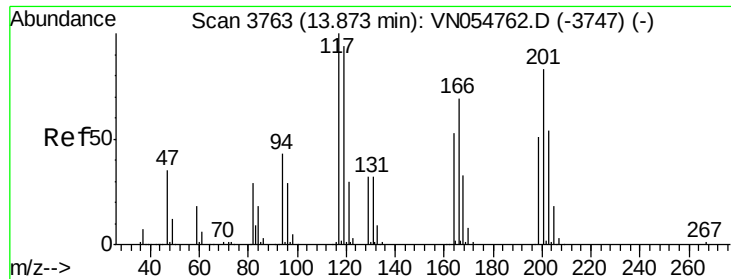
Tot Ion:119 Resp: 23403
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.6 40.8
 91 27.5 11.1 33.3



#89
 n-Butylbenzene
 Concen: 1.999 ug/l
 RT: 13.58 min Scan# 3672
 Delta R.T. -0.03 min
 Lab File: VN054909.D
 Acq: 2 Apr 2019 18:29

Tgt Ion: 91 Resp: 33037
 Ion Ratio Lower Upper
 91 100
 92 8.8 26.2 78.6#
 134 180.8 14.3 42.9#





#90

Hexachloroethane

Concen: 5.753 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

Instrument :

MSVOA_N

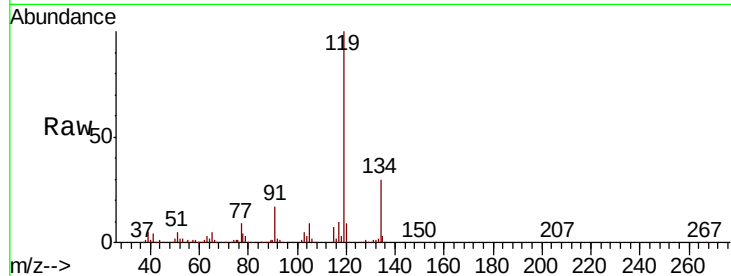
ClientSampleId :

Tot Ion:117 Resp: 19788

Ion Ratio Lower Upper

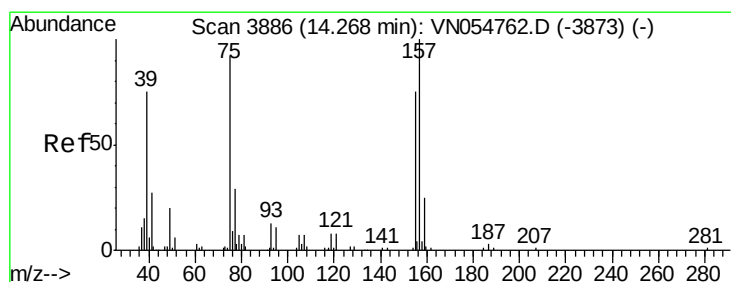
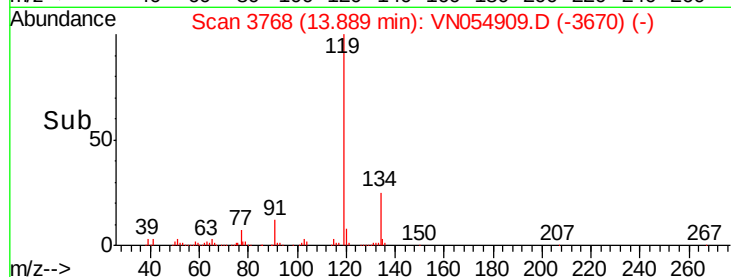
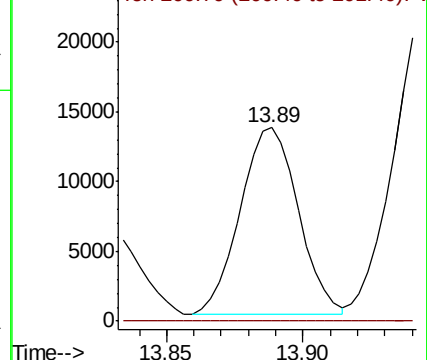
117 100

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: 2.031 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN054909.D

Acq: 2 Apr 2019 18:29

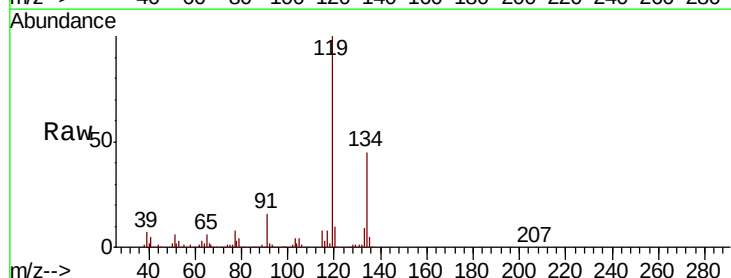
Tgt Ion: 75 Resp: 1789

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

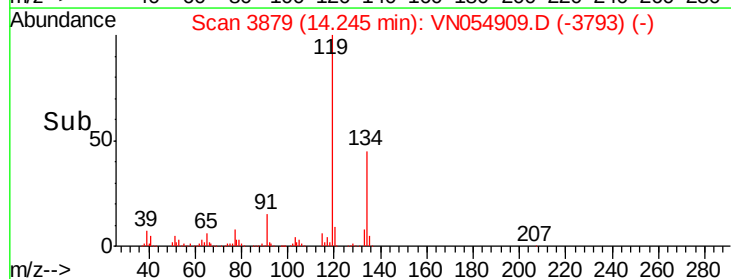
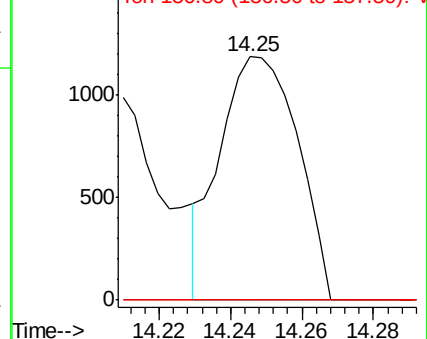
157 0.0 63.1 189.3#

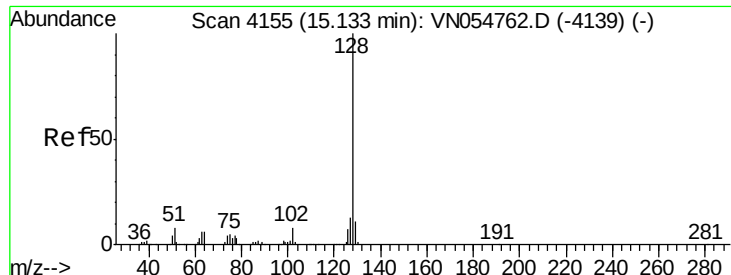


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

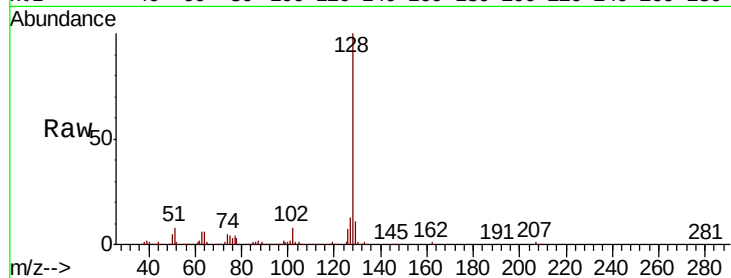




#95
Naphthalene
Concen: 28.361 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054909.D
Acq: 2 Apr 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.7	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

