

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060558.D
 Acq On : 17 Mar 2020 15:49
 Operator : JC/MD
 Sample : L1946-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40748

Quant Time: Mar 18 06:44:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	131230	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.56	113	99483	63.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.76%	
50) Toluene-d8	10.08	98	413596	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	157703	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	852	2.194	ug/l #	73
16) Acetone	3.78	43	43264	51.231	ug/l	99
17) Carbon Disulfide	4.03	76	29	Below Cal	#	75
25) 2-Butanone	6.81	43	7492	5.492	ug/l	94
31) Cyclohexane	7.64	56	4482	Below Cal	#	5
36) 1,1-Dichloropropene	7.64	75	16432	5.099	ug/l #	50
37) Ethyl Acetate	6.81	43	7492	2.455	ug/l #	68
38) Carbon Tetrachloride	7.64	117	19679	6.272	ug/l #	16
40) Benzene	8.02	78	3122	0.333	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1928	0.637	ug/l	90
52) Toluene	10.14	92	14800	2.512	ug/l	98
56) Ethyl methacrylate	10.34	69	1253	0.368	ug/l #	64
59) 2-Hexanone	10.75	43	1331	0.598	ug/l #	61
67) Ethyl Benzene	11.50	91	10184	0.880	ug/l	99
68) m/p-Xylenes	11.61	106	25926	5.939	ug/l	99
69) o-Xylene	11.94	106	28207	6.776	ug/l	96
70) Styrene	11.94	104	1516	0.222	ug/l #	1
73) Isopropylbenzene	12.25	105	13503	1.191	ug/l	99
74) N-amyl acetate	12.04	43	2250	0.454	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	78499	23.397	ug/l #	100
78) n-propylbenzene	12.59	91	54182	4.078	ug/l	100
79) 2-Chlorotoluene	12.65	91	30353	3.887	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	124959	13.094	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	78499	64.586	ug/l #	8
82) 4-Chlorotoluene	12.73	91	13512	1.642	ug/l #	41
83) tert-Butylbenzene	13.04	119	69098	8.363	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	569347	59.109	ug/l	99
85) sec-Butylbenzene	13.17	105	31155	2.816	ug/l	92
86) p-Isopropyltoluene	13.28	119	24561	2.398	ug/l	96
89) n-Butylbenzene	13.61	91	45397	4.829	ug/l #	73
90) Hexachloroethane	13.89	117	18797	12.681	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.29	75	660	0.946	ug/l #	3
95) Naphthalene	15.13	128	355379	38.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	1541	0.348	ug/l #	1

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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

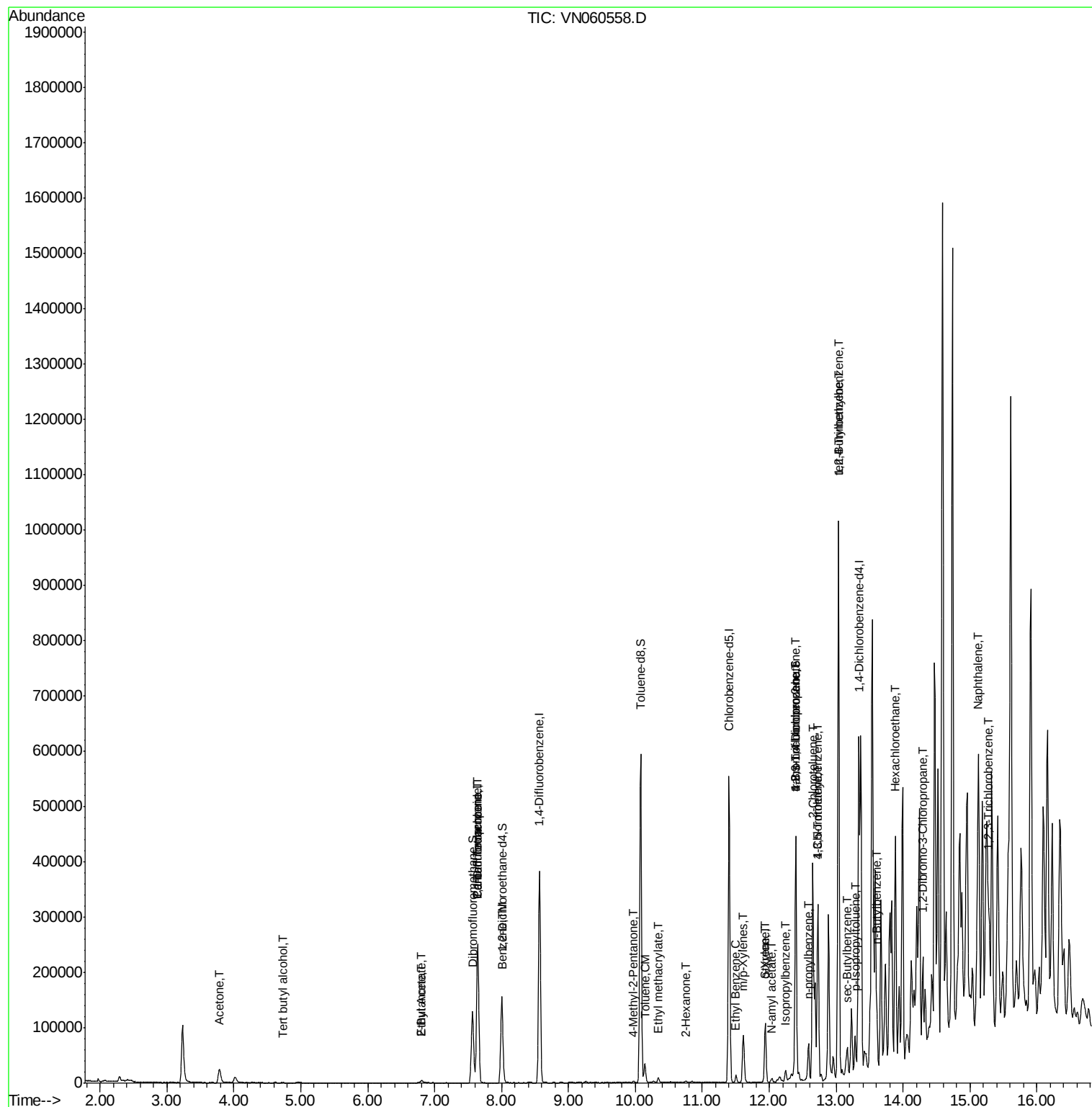
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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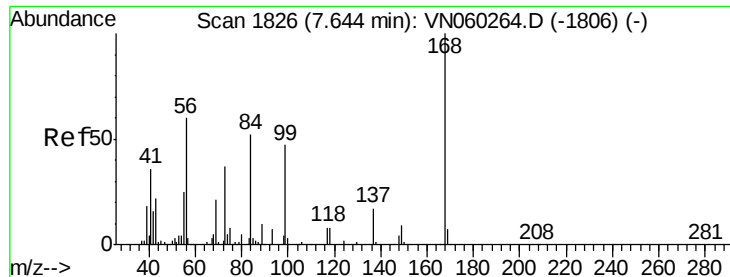
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

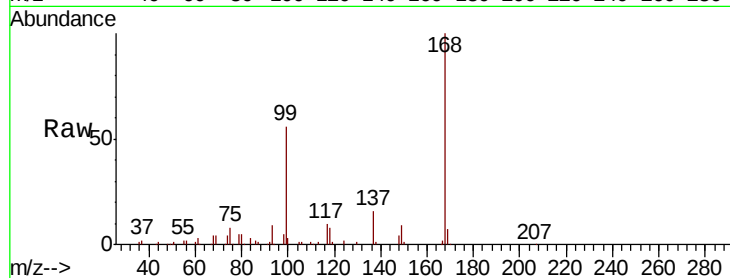
40748

Tot Ion:168 Resp: 203823

Ion Ratio Lower Upper

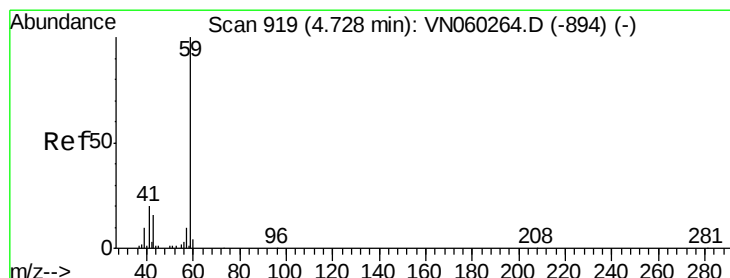
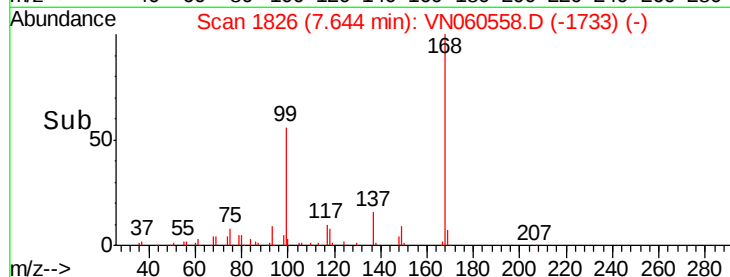
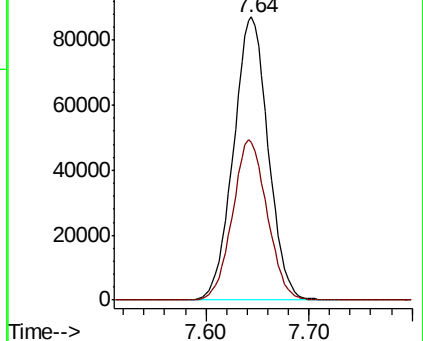
168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 2.194 ug/l

RT: 4.73 min Scan# 919

Delta R.T. 0.00 min

Lab File: VN060558.D

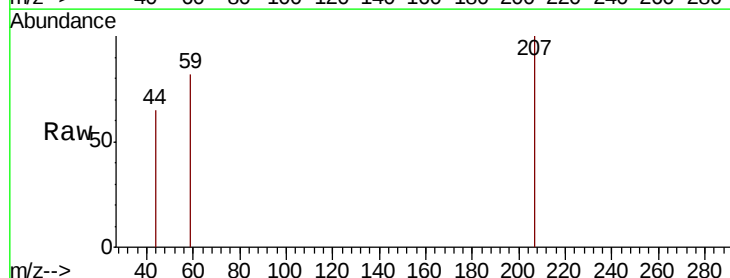
Acq: 17 Mar 2020 15:49

Tgt Ion: 59 Resp: 852

Ion Ratio Lower Upper

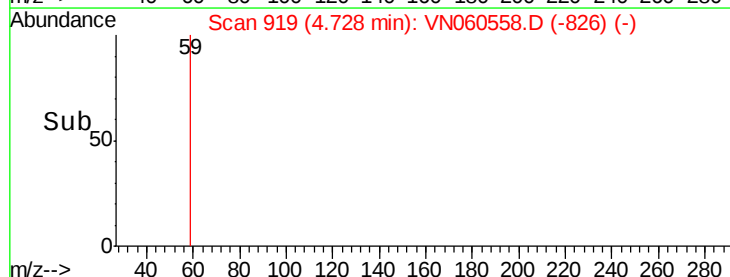
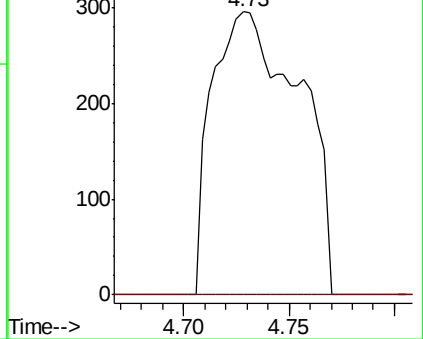
59 100

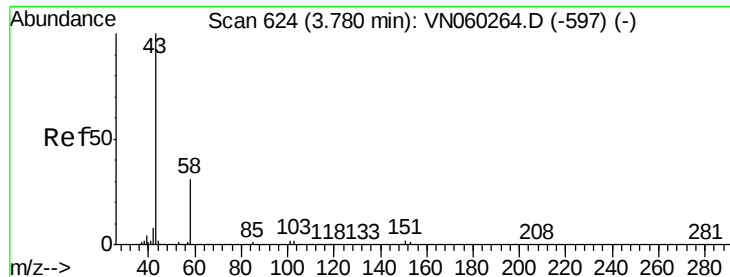
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 51.231 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

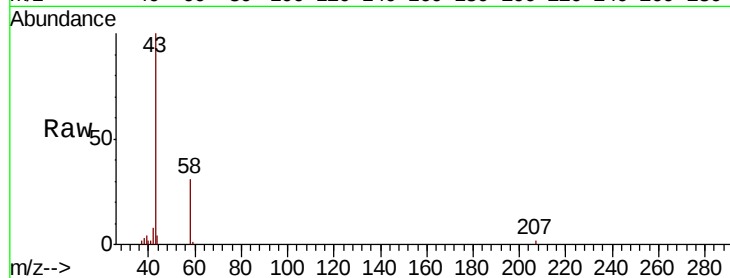
40748

Tot Ion: 43 Resp: 43264

Ion Ratio Lower Upper

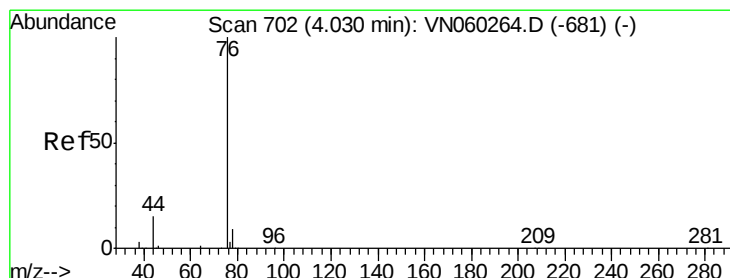
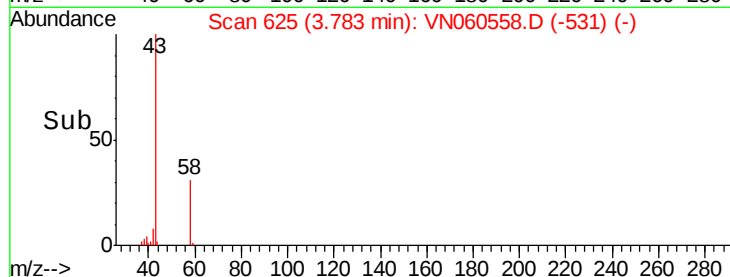
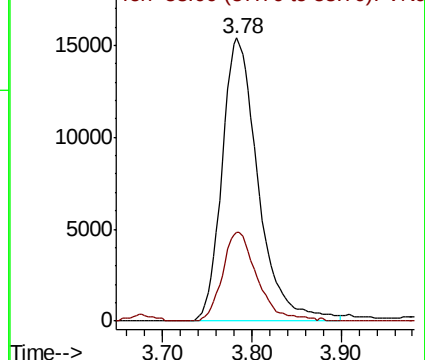
43 100

58 31.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060558.D

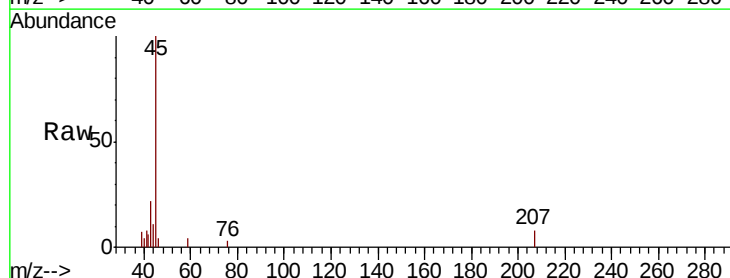
Acq: 17 Mar 2020 15:49

Tgt Ion: 76 Resp: 29

Ion Ratio Lower Upper

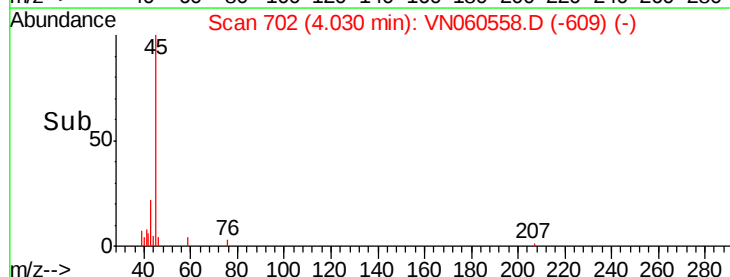
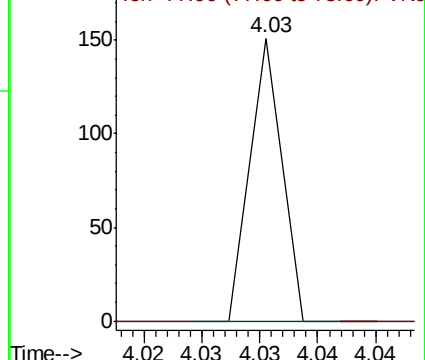
76 100

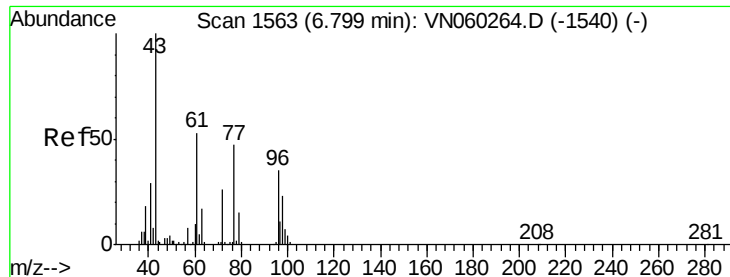
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN060264.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060264.D (-681) (-)

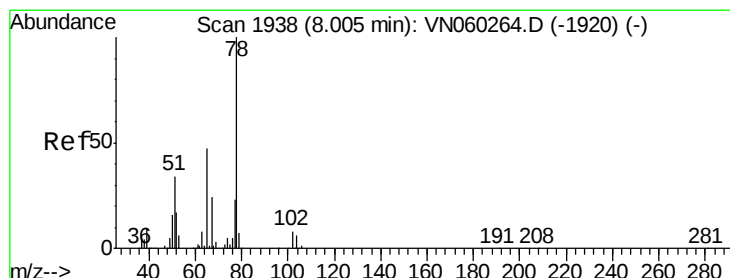
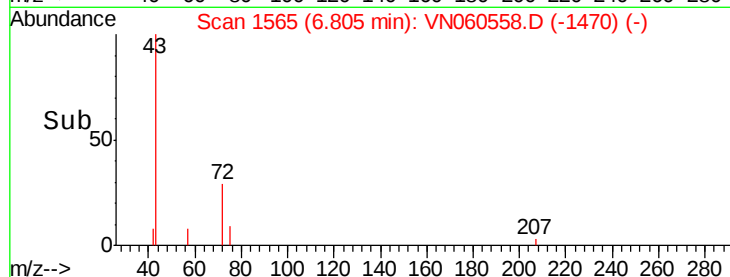
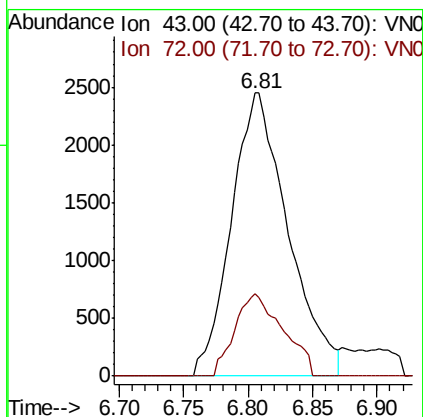
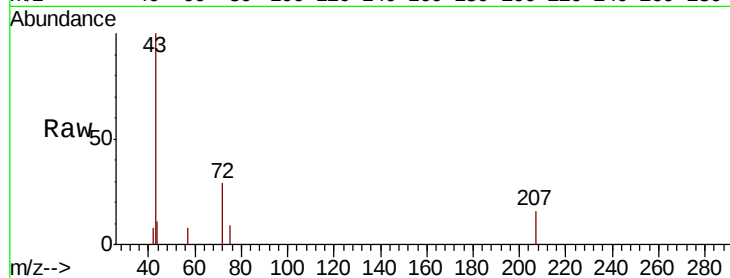




#25
2-Butanone
Concen: 5.492 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

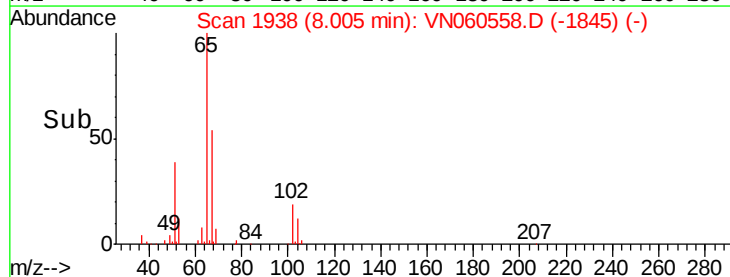
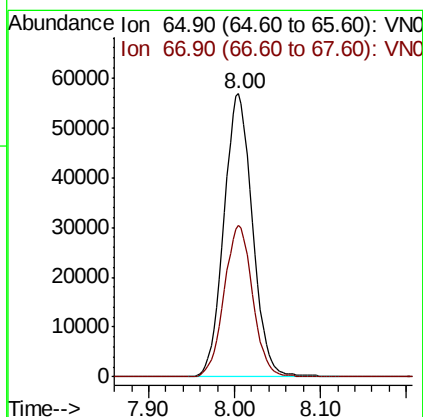
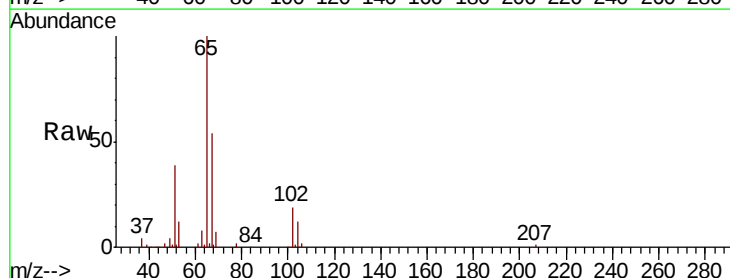
Instrument :
MSVOA_N
ClientSampled :
40748

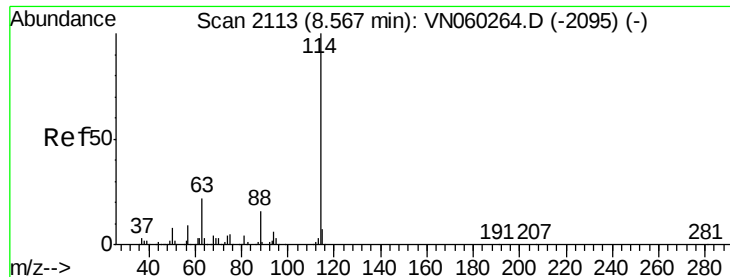
Tot Ion: 43 Resp: 7492
Ion Ratio Lower Upper
43 100
72 29.0 20.9 31.3



#33
1,2-Dichloroethane-d4
Concen: 50.182 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion: 65 Resp: 131230
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.8

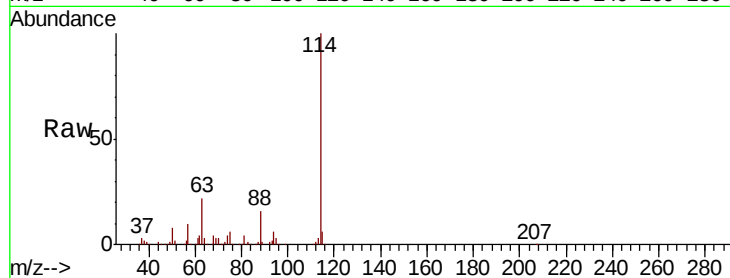




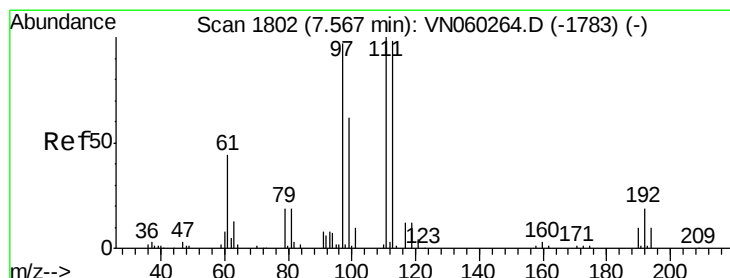
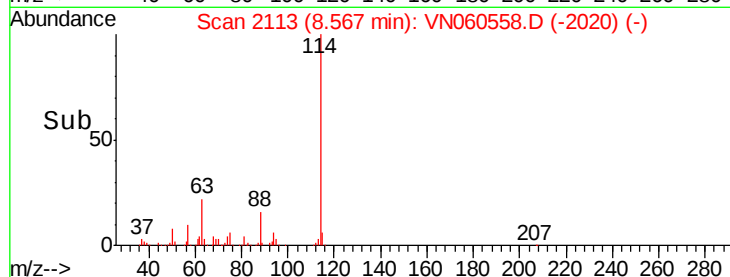
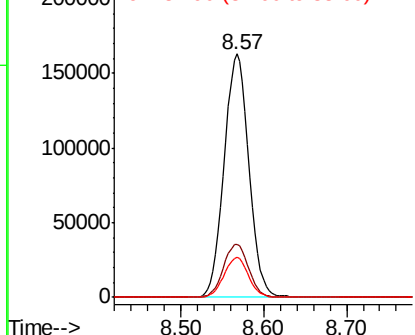
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
40748

Tot Ion:114 Resp: 338146
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.3 0.0 31.6

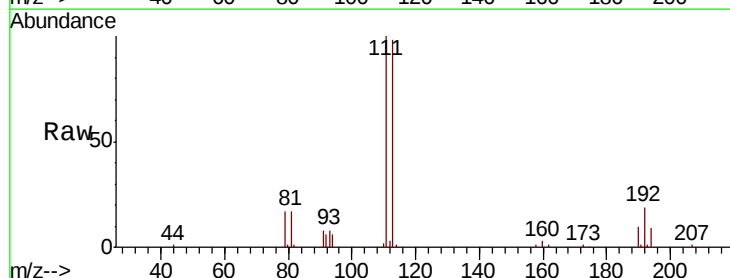


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

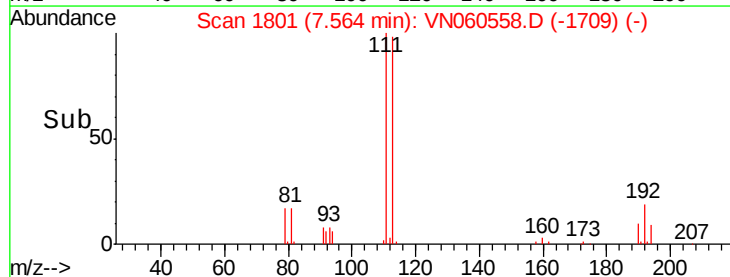
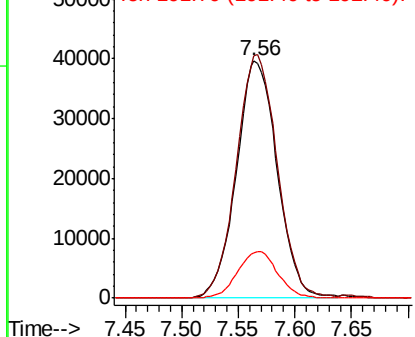


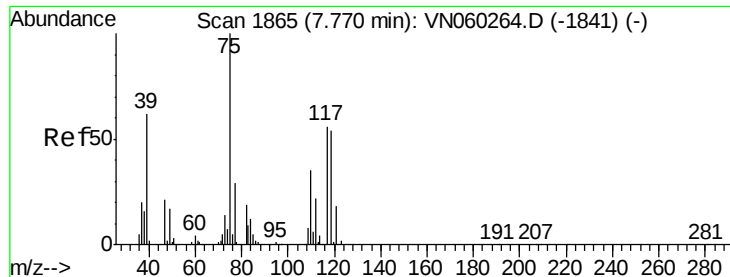
#35
Dibromofluoromethane
Concen: 63.383 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion:113 Resp: 99483
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.099 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

40748

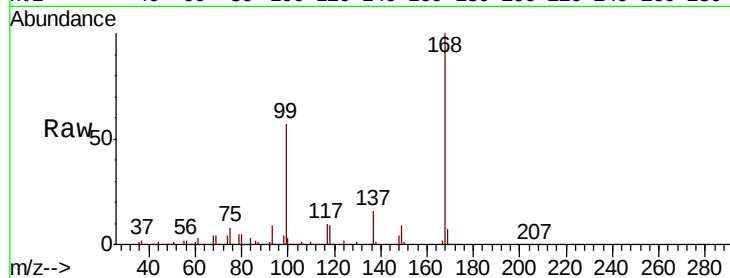
Tot Ion: 75 Resp: 16432

Ion Ratio Lower Upper

75 100

110 8.2 17.3 52.0#

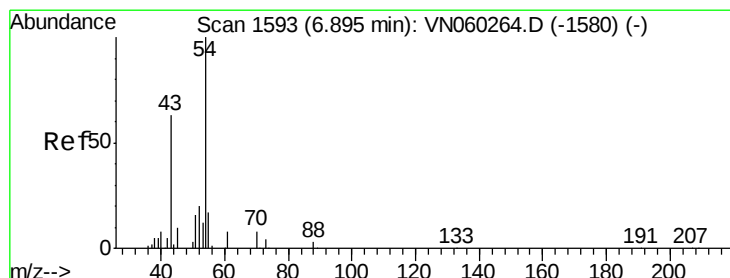
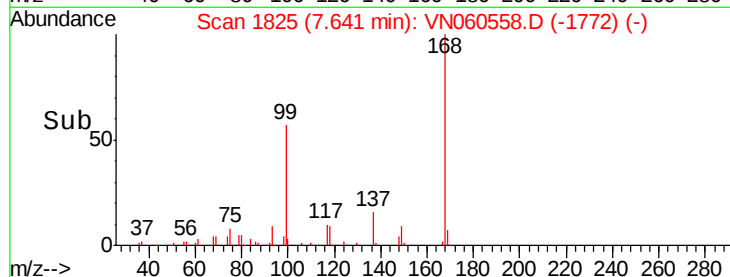
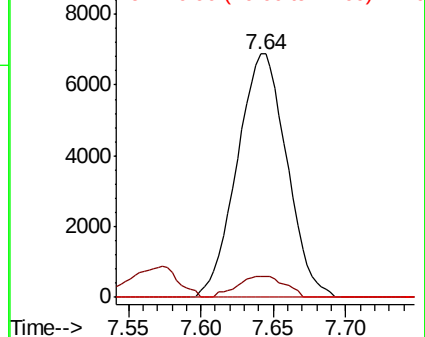
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060558.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN060558.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN060558.D (-1772) (-)



#37

Ethyl Acetate

Concen: 2.455 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.09 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

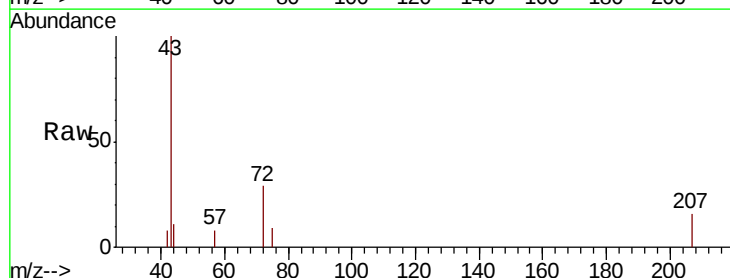
Tgt Ion: 43 Resp: 7492

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

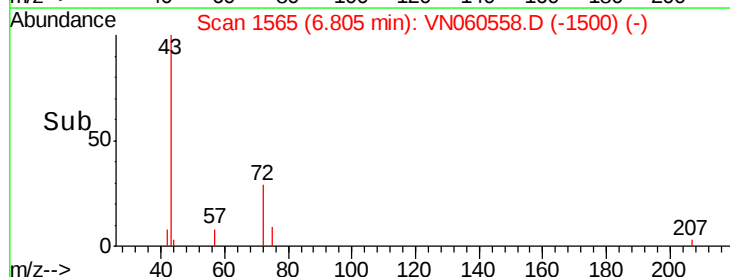
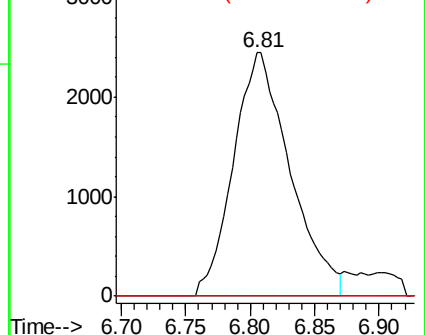
70 0.0 8.4 12.6#

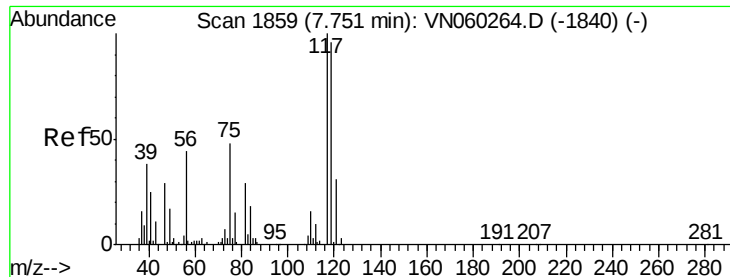


Abundance Ion 43.00 (42.70 to 43.70): VN060558.D (-1500) (-)

Ion 60.90 (60.60 to 61.60): VN060558.D (-1500) (-)

Ion 70.00 (69.70 to 70.70): VN060558.D (-1500) (-)





#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

40748

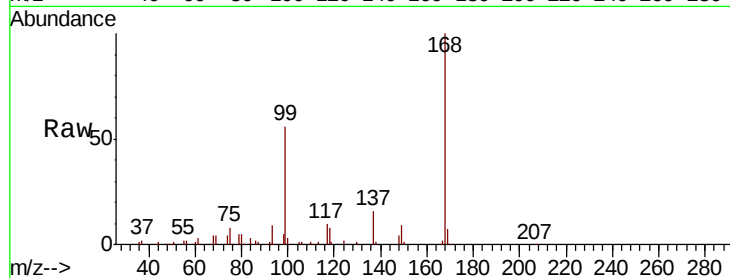
Tot Ion:117 Resp: 19679

Ion Ratio Lower Upper

117 100

119 5.4 76.7 115.1#

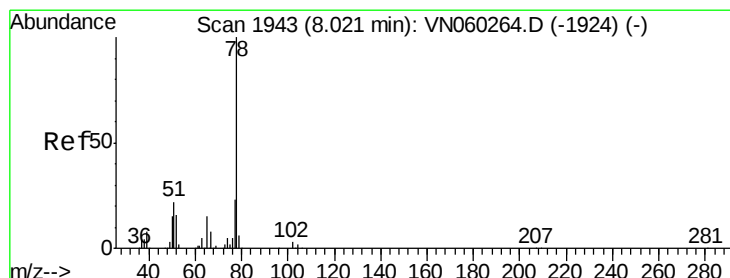
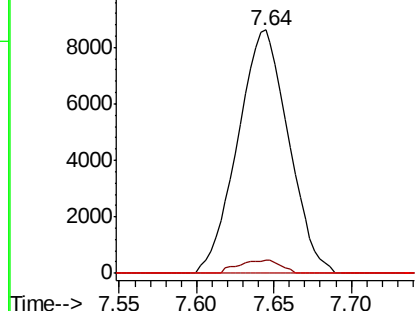
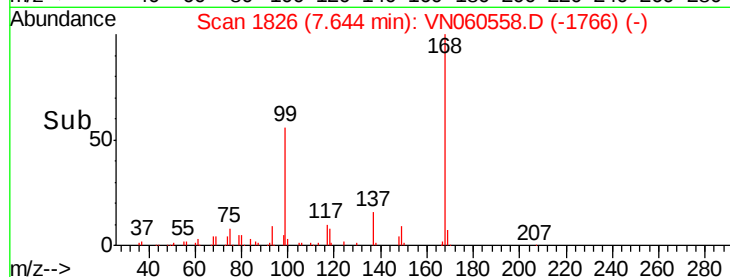
121 0.0 24.5 36.7#



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: 0.333 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN060558.D

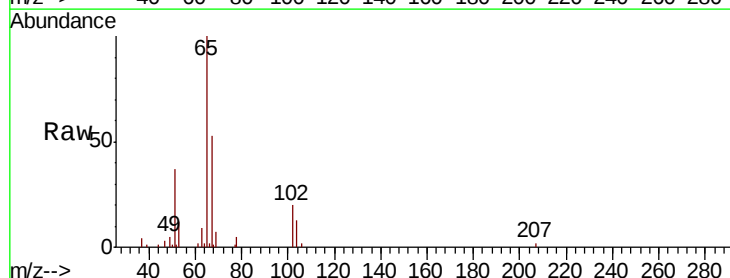
Acq: 17 Mar 2020 15:49

Tgt Ion: 78 Resp: 3122

Ion Ratio Lower Upper

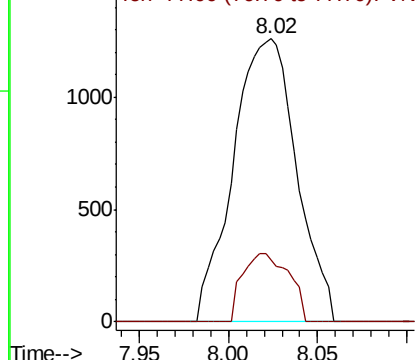
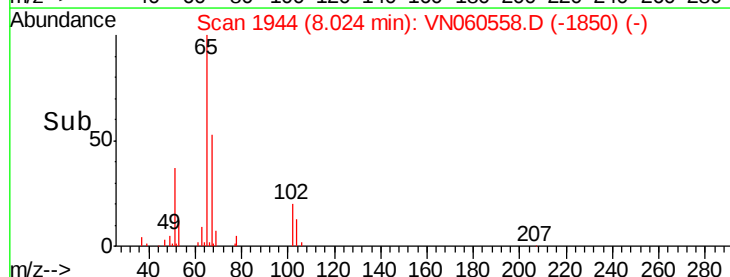
78 100

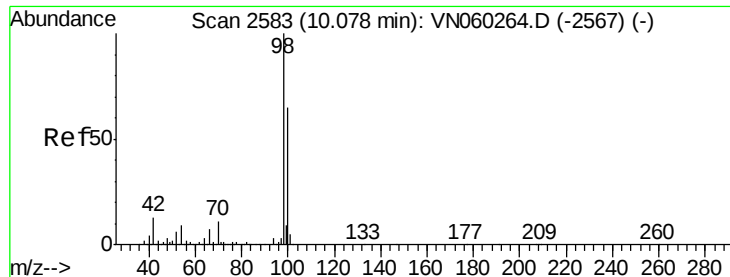
77 21.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: 52.065 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

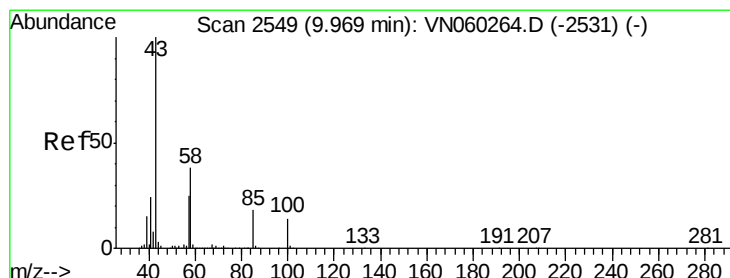
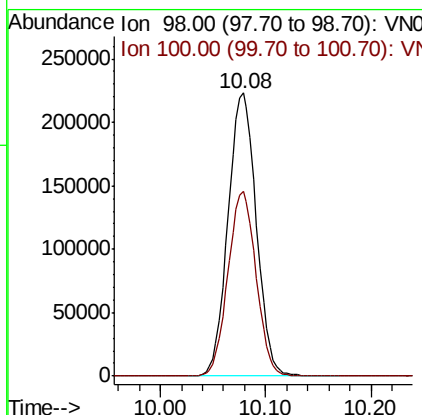
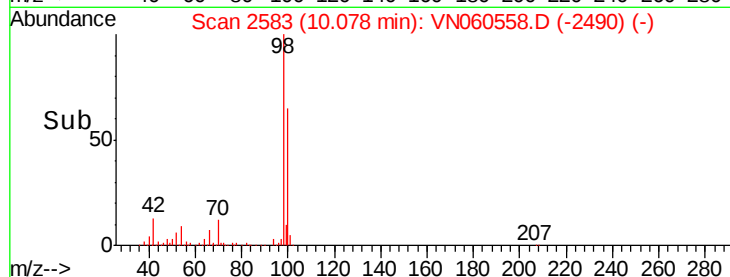
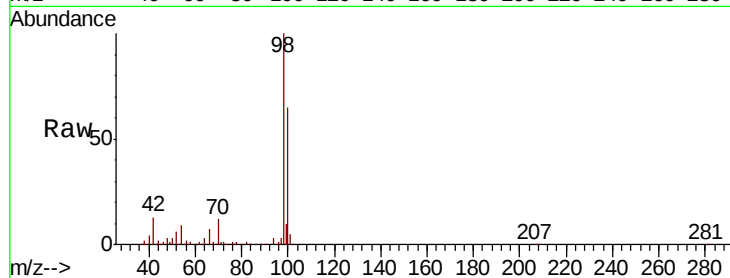
40748

Tot Ion: 98 Resp: 413596

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.637 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN060558.D

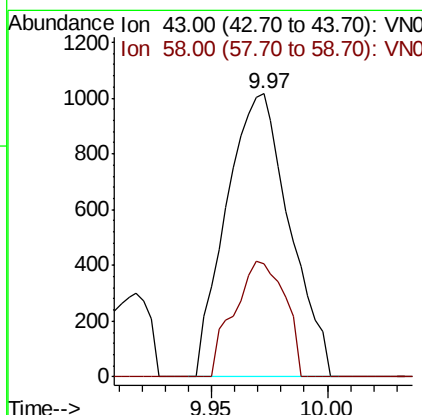
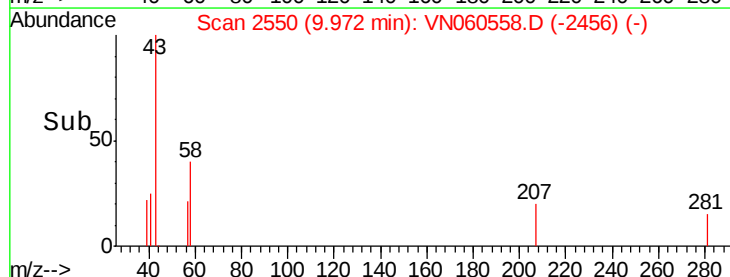
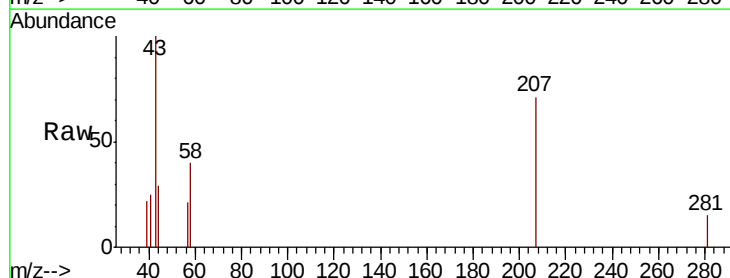
Acq: 17 Mar 2020 15:49

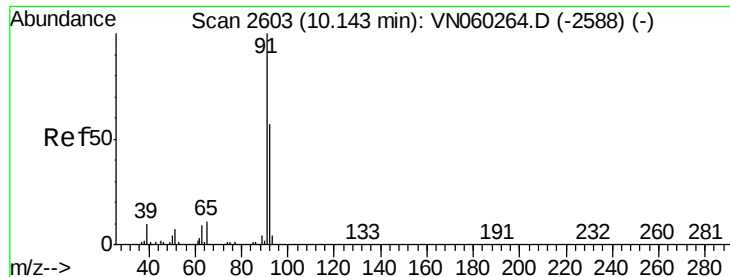
Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

58 32.6 30.9 46.3





#52

Toluene

Concen: 2.512 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

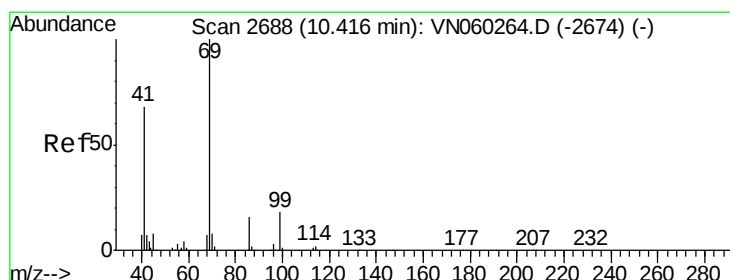
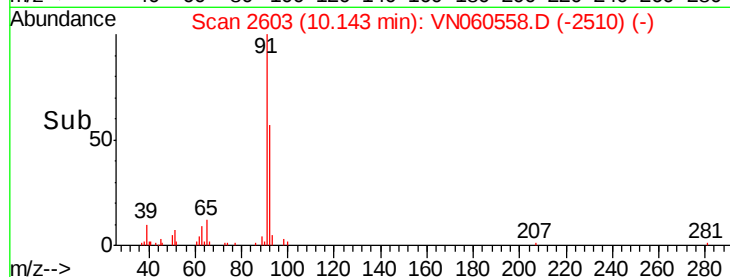
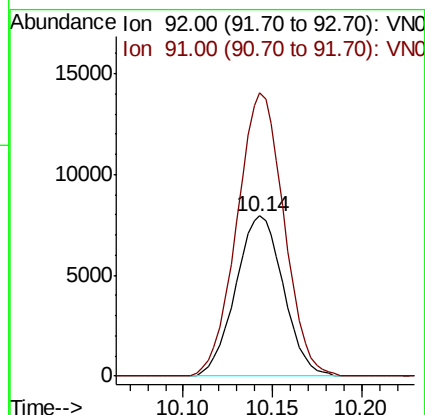
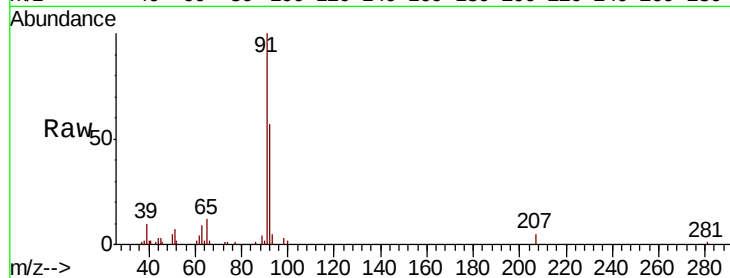
ClientSampleId :
40748

Tot Ion: 92 Resp: 14800

Ion Ratio Lower Upper

92 100

91 174.7 138.1 207.1



#56

Ethyl methacrylate

Concen: 0.368 ug/l

RT: 10.34 min Scan# 2665

Delta R.T. -0.07 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

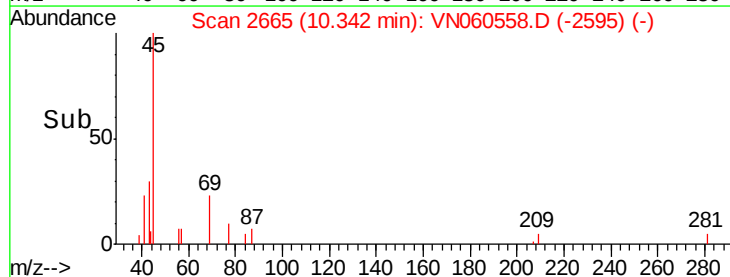
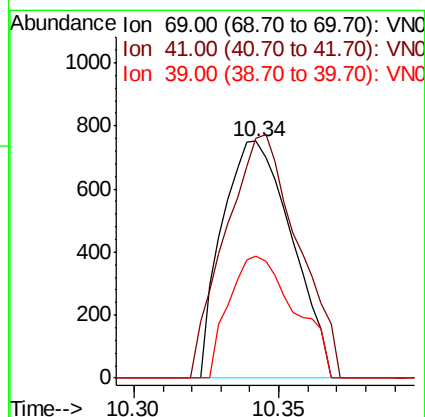
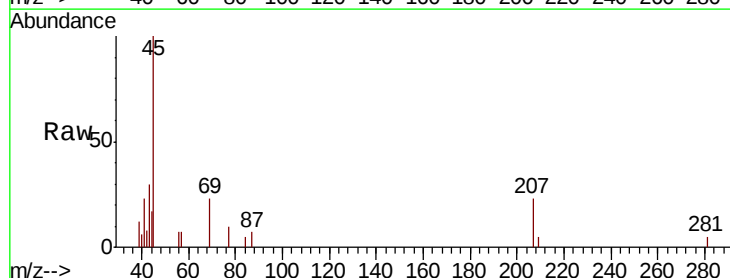
Tgt Ion: 69 Resp: 1253

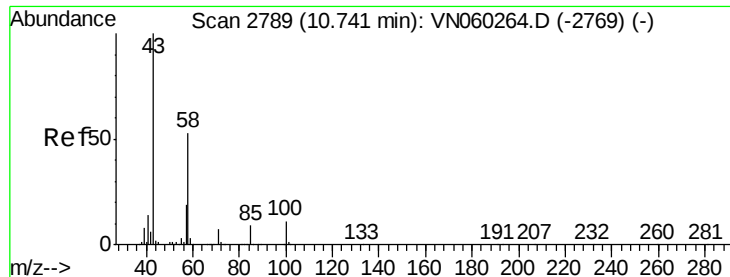
Ion Ratio Lower Upper

69 100

41 107.0 54.1 81.1#

39 48.9 32.5 48.7#

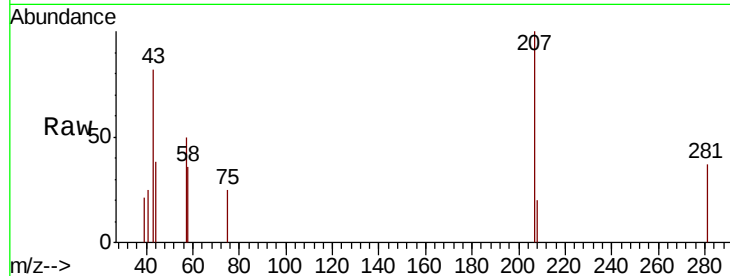




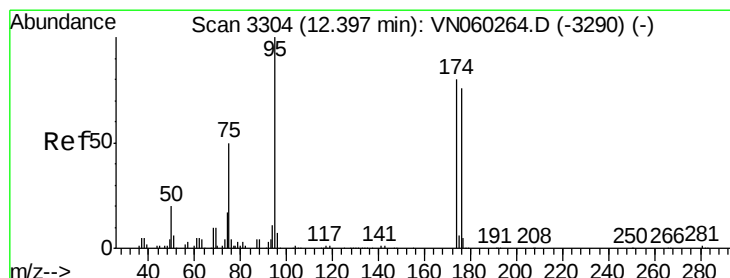
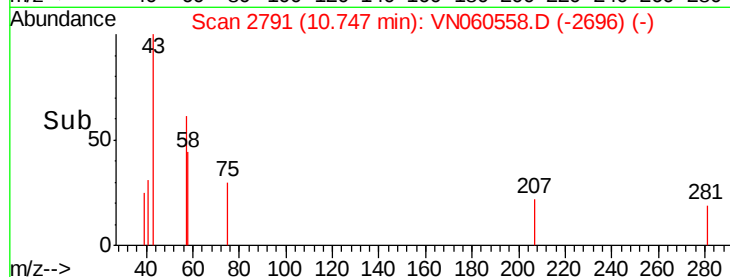
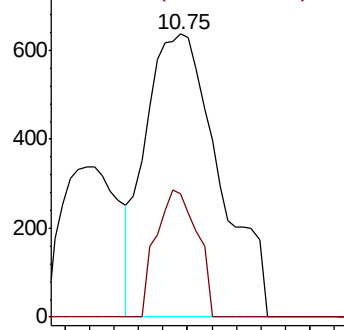
#59
2-Hexanone
Concen: 0.598 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.01 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
40748

Tot Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
58 25.2 26.5 79.5#

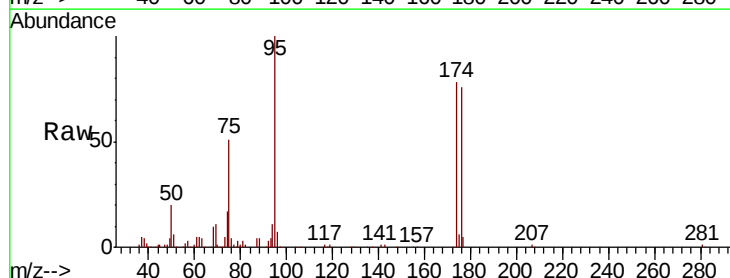


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

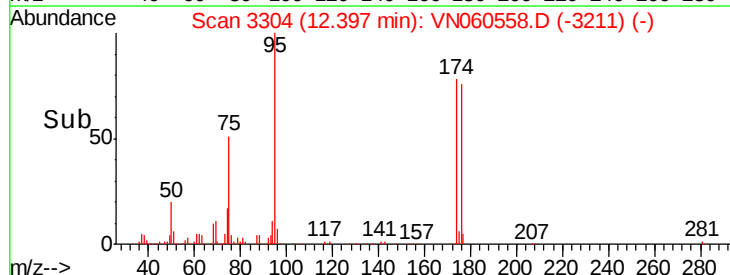
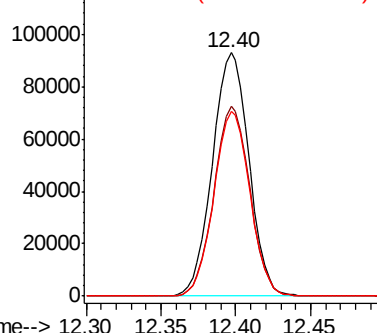


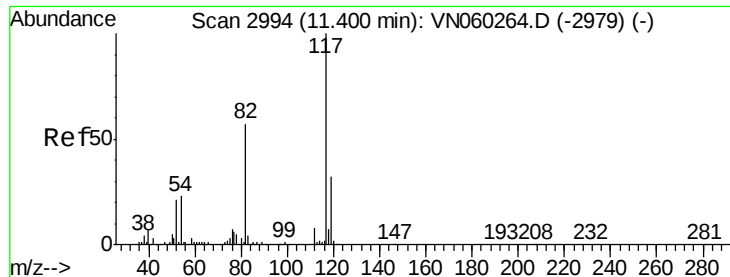
#62
4-Bromofluorobenzene
Concen: 52.371 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion: 95 Resp: 157703
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 75.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

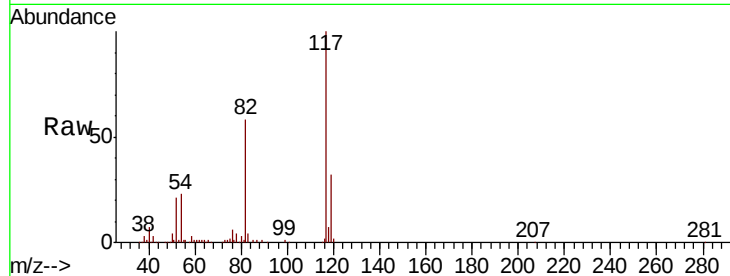




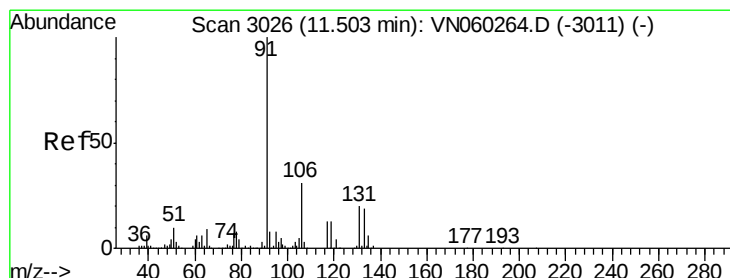
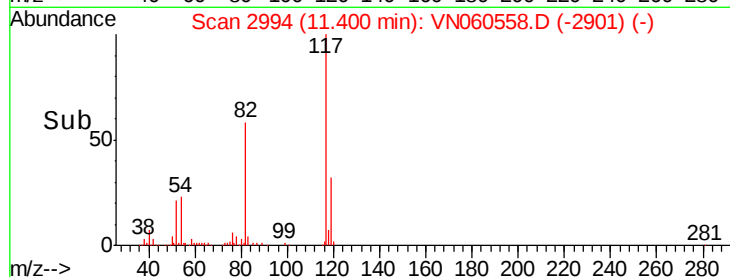
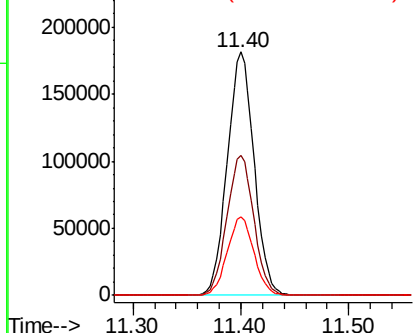
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Instrument :
MSVOA_N
ClientSampled :
40748

Tot Ion:117 Resp: 314652
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.2 25.8 38.8

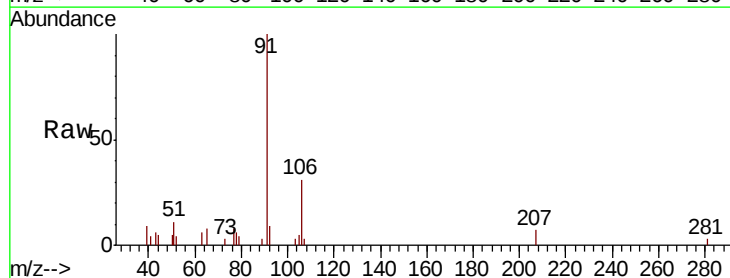


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

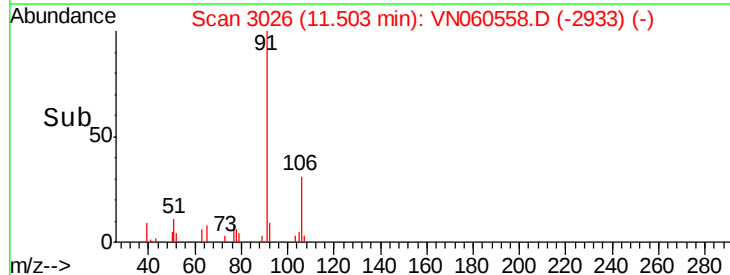
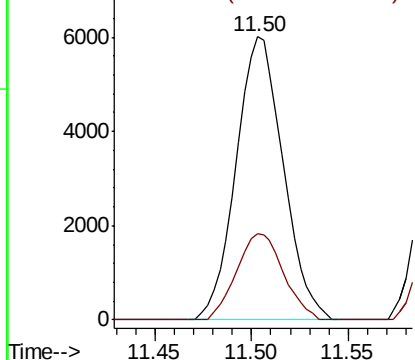


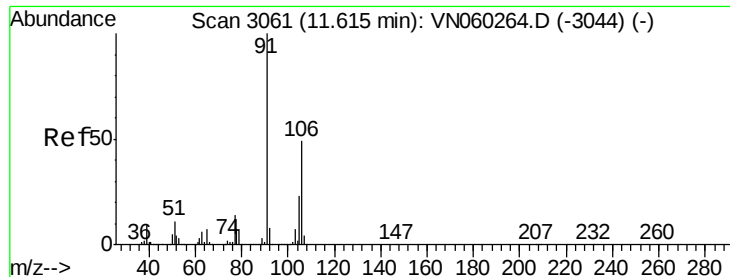
#67
Ethyl Benzene
Concen: 0.880 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion: 91 Resp: 10184
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



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

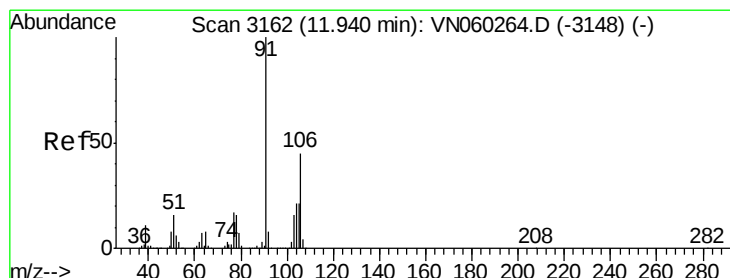
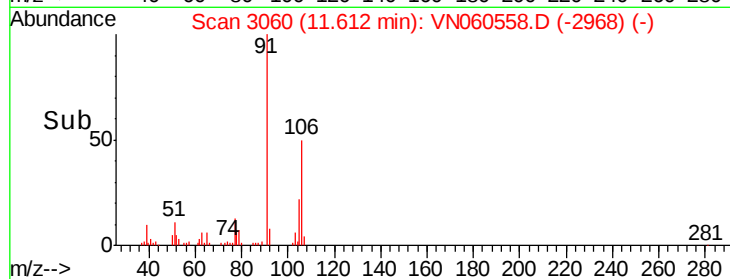
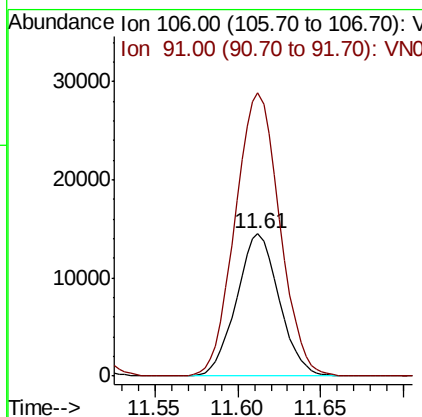
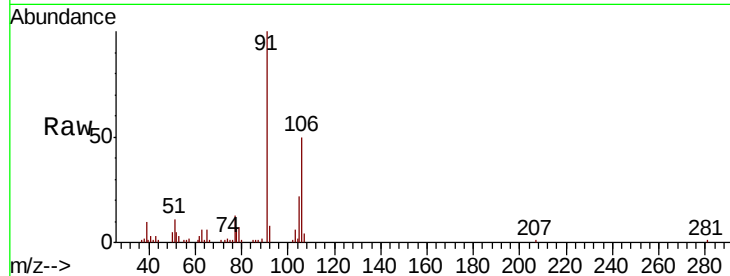




#68
m/p-Xylenes
Concen: 5.939 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

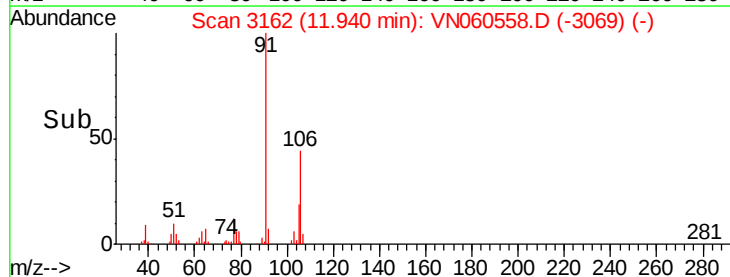
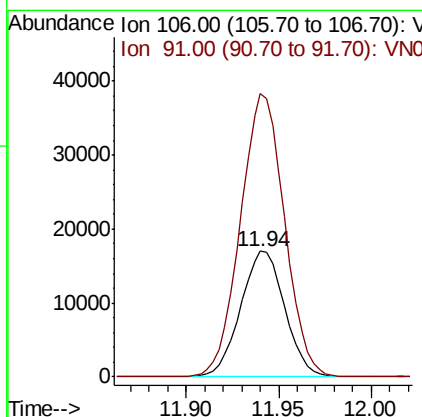
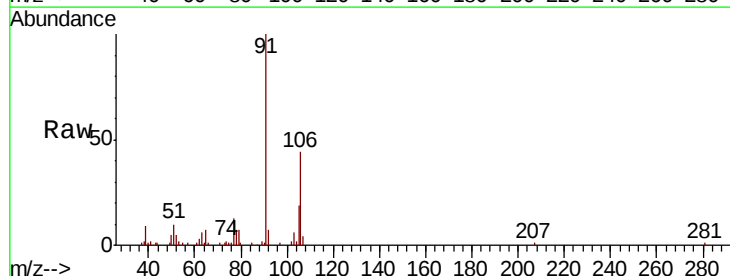
Instrument :
MSVOA_N
ClientSampleId :
40748

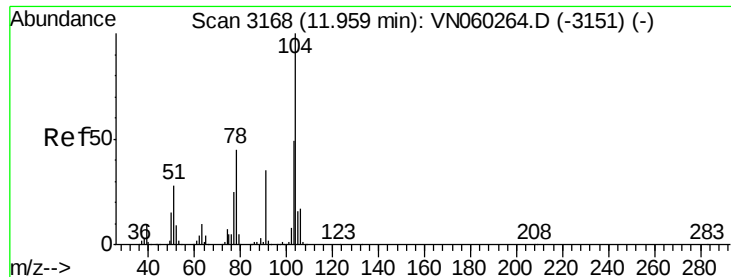
Tot Ion:106 Resp: 25926
Ion Ratio Lower Upper
106 100
91 207.6 164.5 246.7



#69
o-Xylene
Concen: 6.776 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion:106 Resp: 28207
Ion Ratio Lower Upper
106 100
91 224.9 109.5 328.4





#70

Stvrene

Concen: 0.222 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.02 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

40748

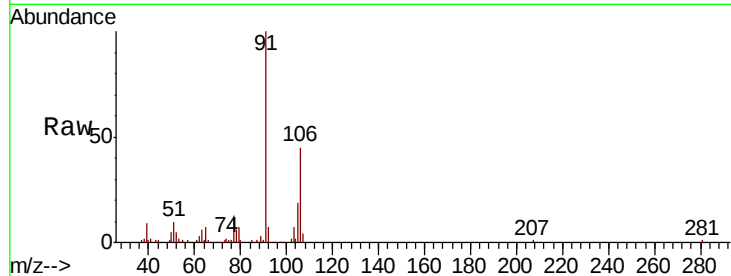
Tot Ion:104 Resp: 1516

Ion Ratio Lower Upper

104 100

78 288.5 41.2 61.8#

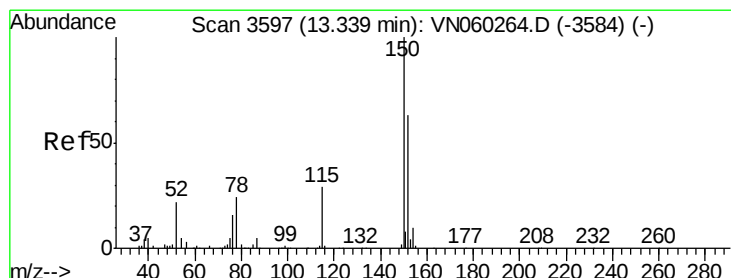
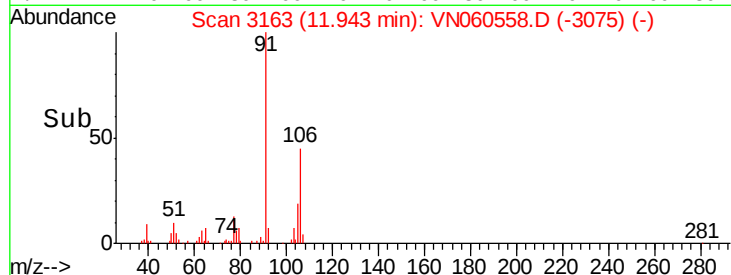
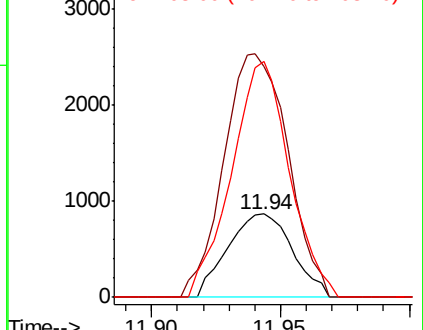
103 253.3 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

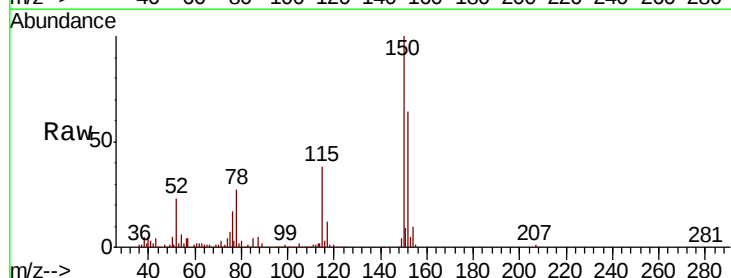
Tgt Ion:152 Resp: 152922

Ion Ratio Lower Upper

152 100

115 67.9 30.0 90.0

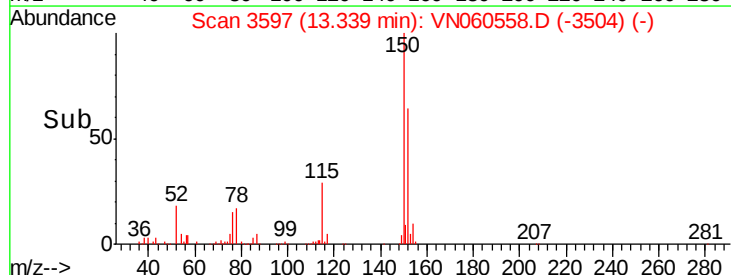
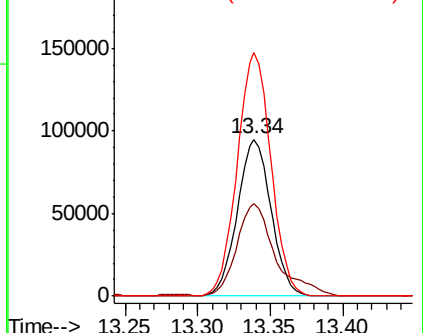
150 155.9 0.0 349.6

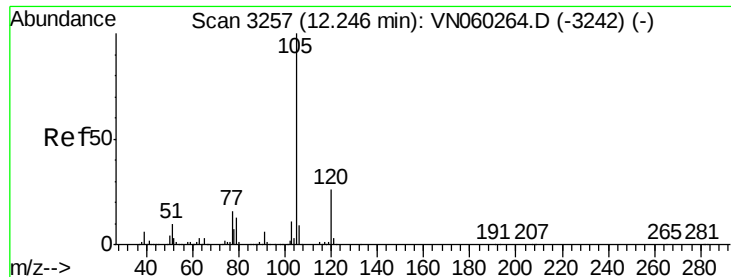


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.191 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

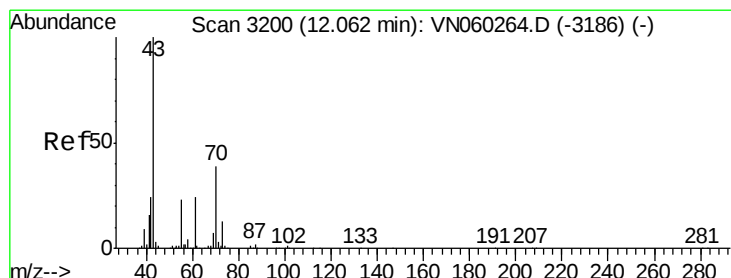
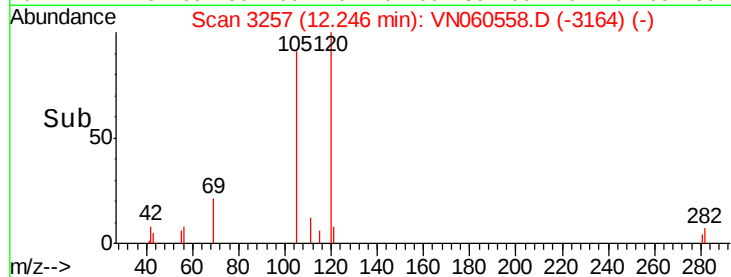
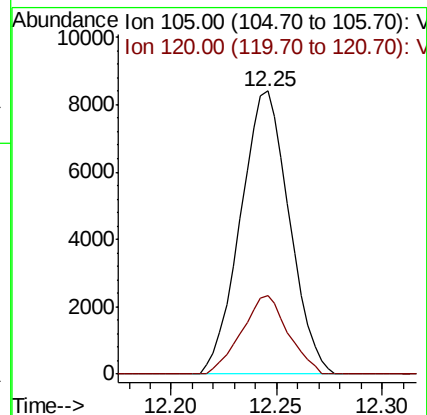
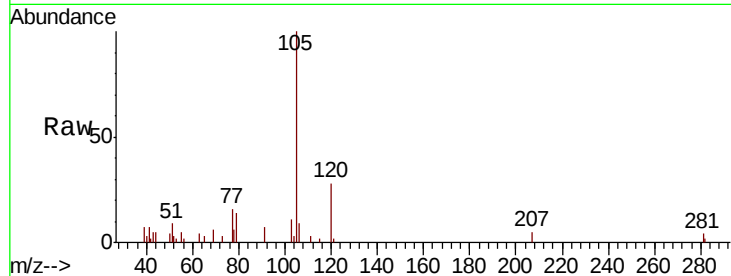
40748

Tot Ion: 105 Resp: 13503

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 0.454 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Tgt Ion: 43 Resp: 2250

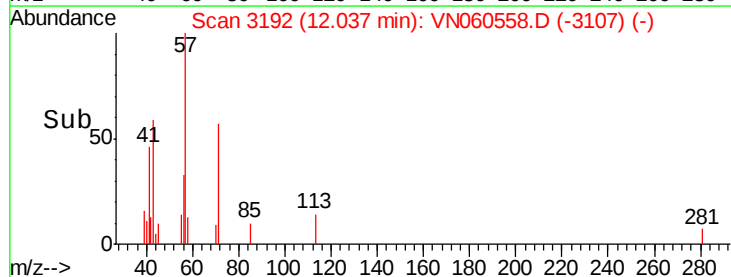
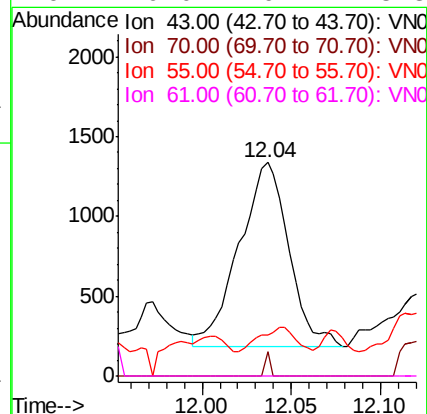
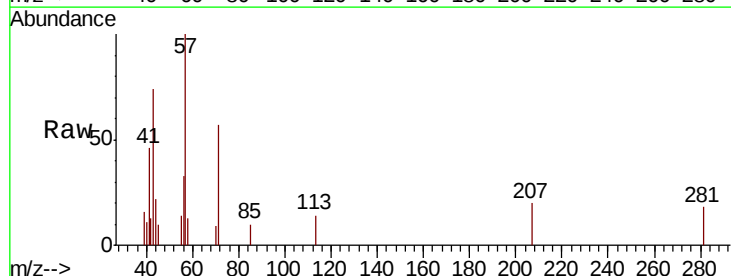
Ion Ratio Lower Upper

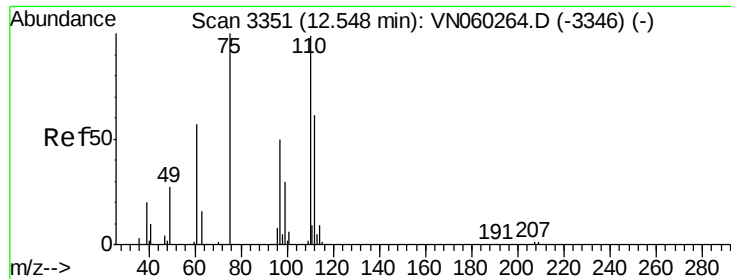
43 100

70 0.0 32.2 48.2#

55 9.3 18.2 27.4#

61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 23.397 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

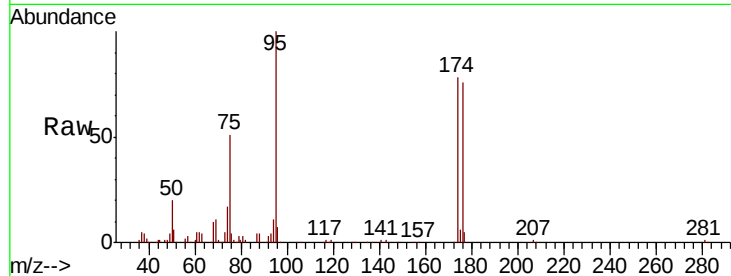
40748

Tot Ion: 75 Resp: 78499

Ion Ratio Lower Upper

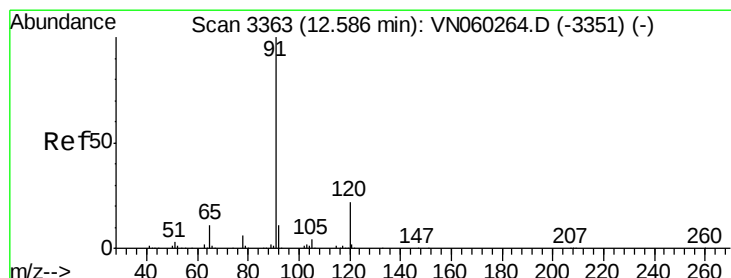
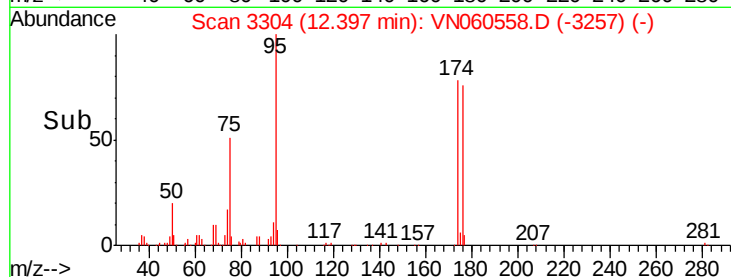
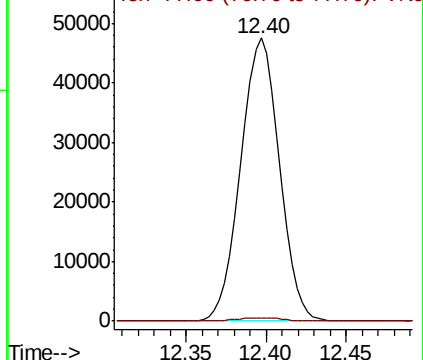
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 4.078 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060558.D

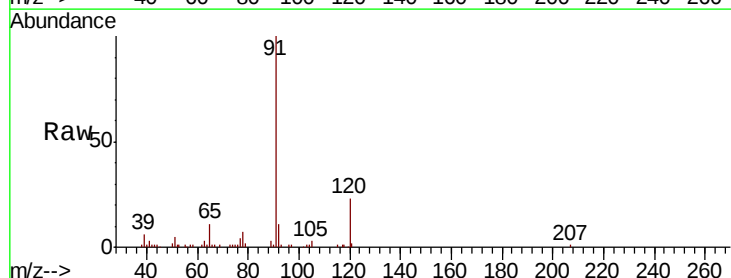
Acq: 17 Mar 2020 15:49

Tgt Ion: 91 Resp: 54182

Ion Ratio Lower Upper

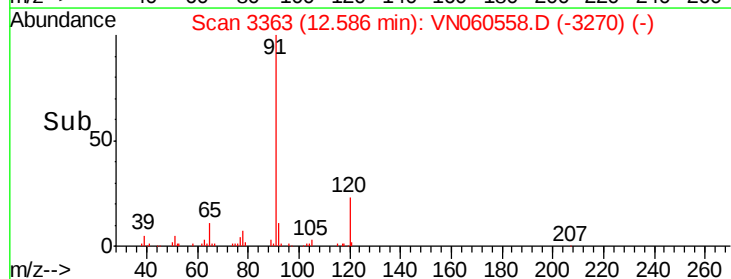
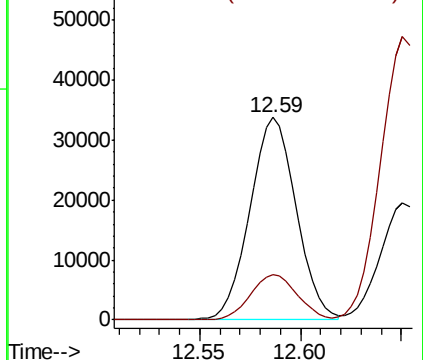
91 100

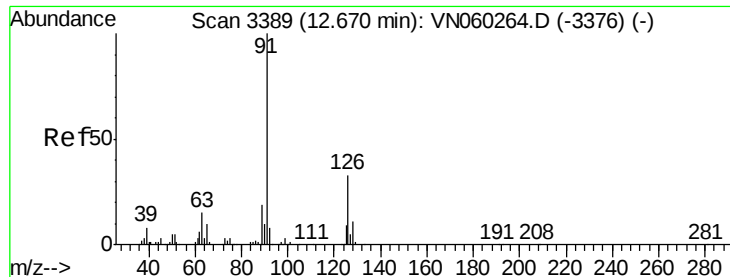
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

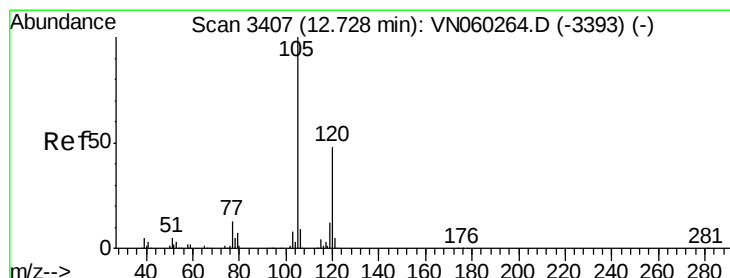
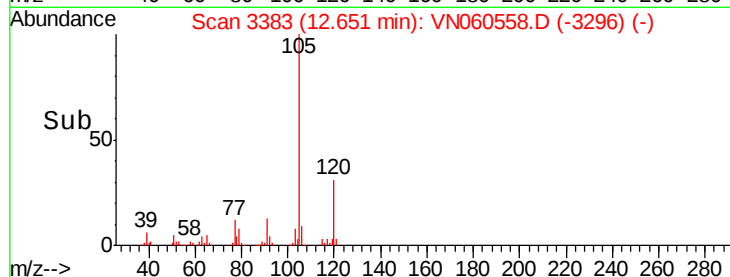
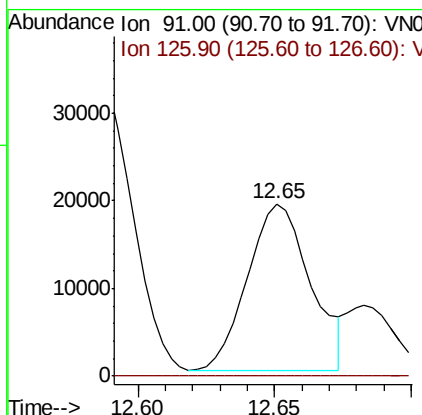
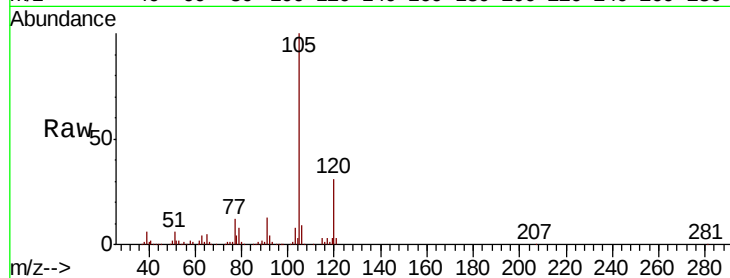




#79
 2-Chlorotoluene
 Concen: 3.887 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.02 min
 Lab File: VN060558.D
 Acq: 17 Mar 2020 15:49

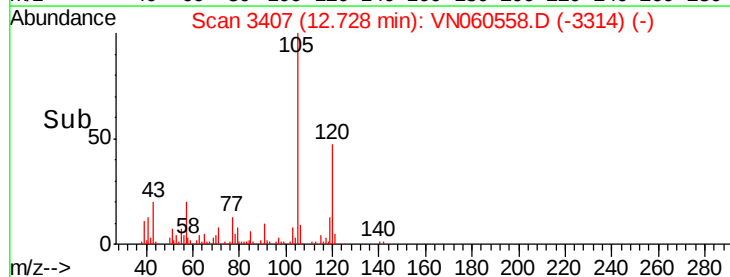
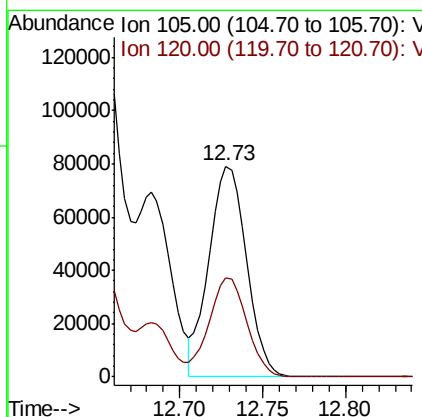
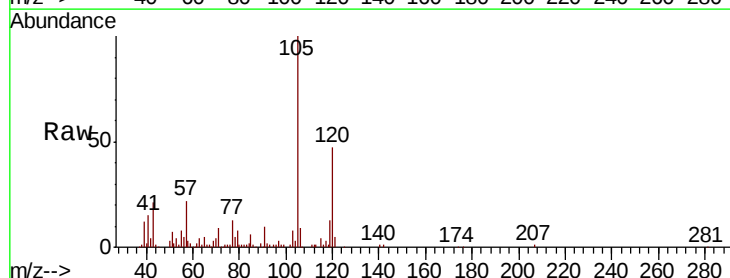
Instrument :
 MSVOA_N
 ClientSampled :
 40748

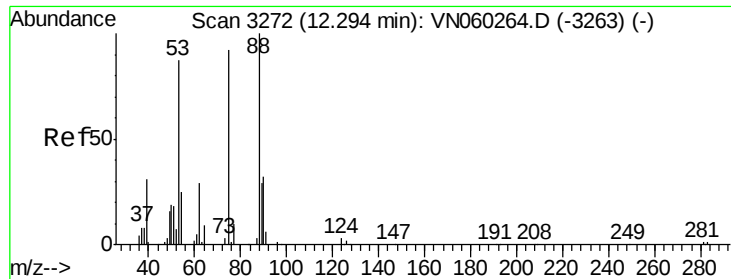
Tot Ion: 91 Resp: 30353
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 13.094 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060558.D
 Acq: 17 Mar 2020 15:49

Tgt Ion: 105 Resp: 124959
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.4

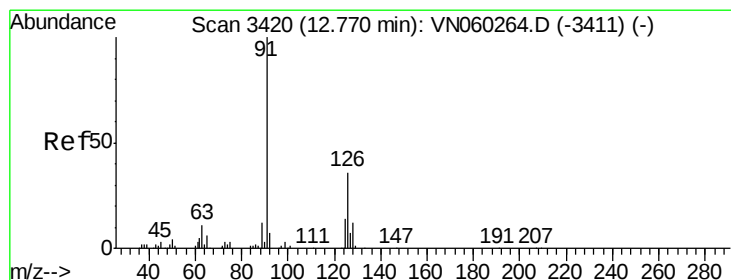
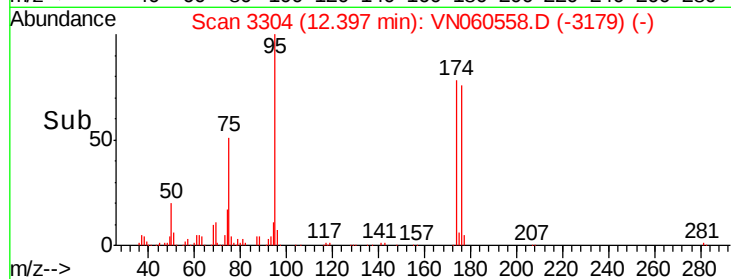
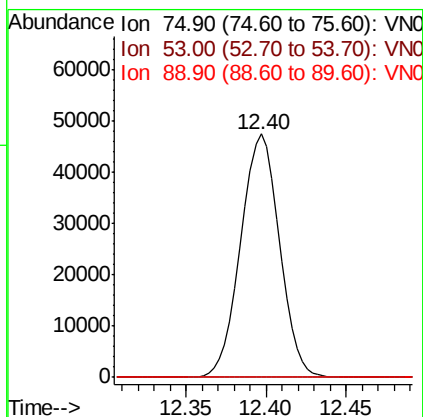
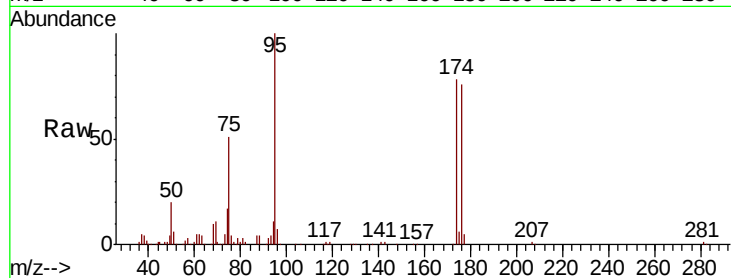




#81
trans-1,4-Dichloro-2-butene
Concen: 64.586 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

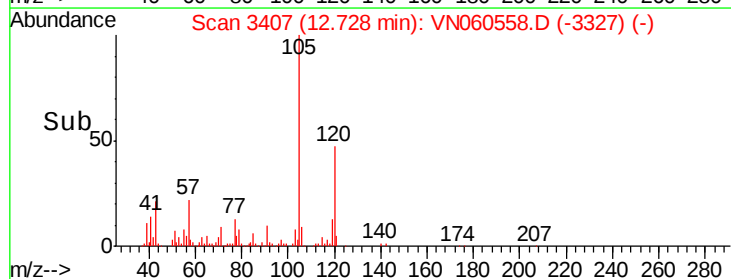
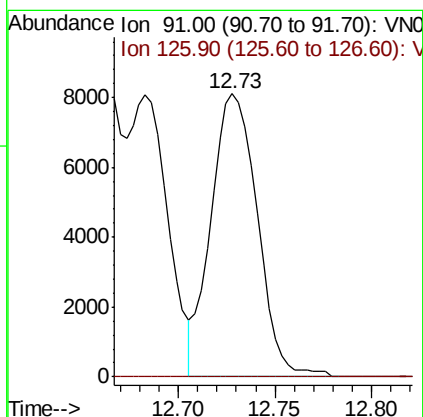
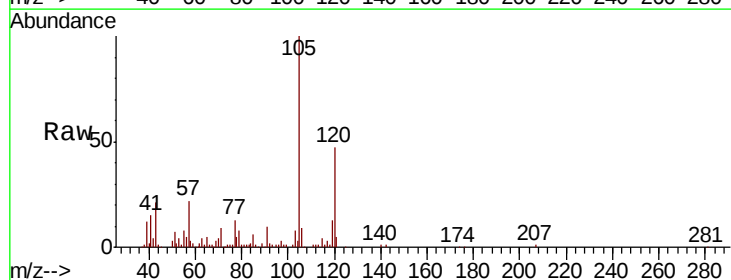
Instrument :
MSVOA_N
ClientSampleId :
40748

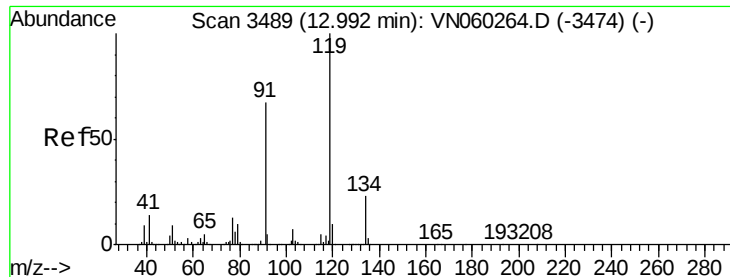
Tot Ion: 75 Resp: 78499
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 1.642 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.04 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion: 91 Resp: 13512
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#





#83

tert-Butylbenzene

Concen: 8.363 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

40748

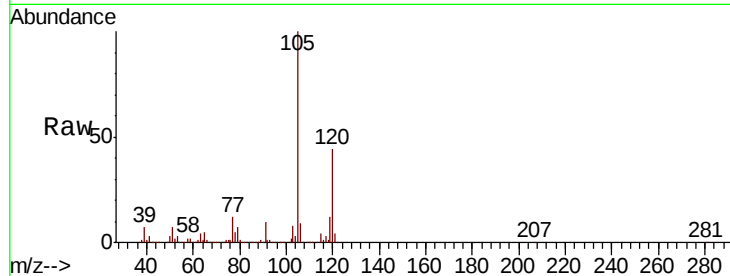
Tot Ion:119 Resp: 69098

Ion Ratio Lower Upper

119 100

91 85.6 33.1 99.2

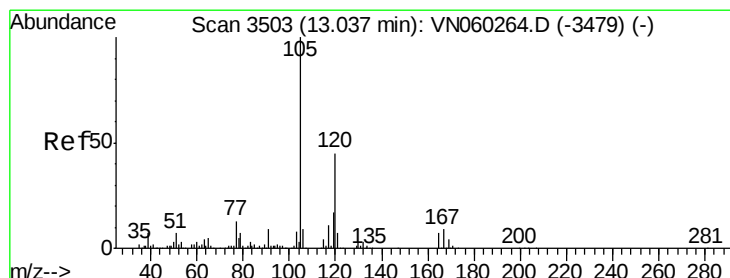
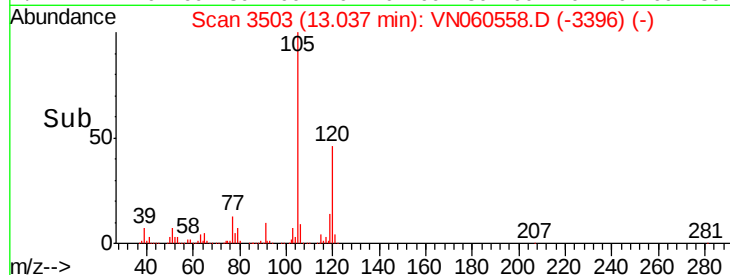
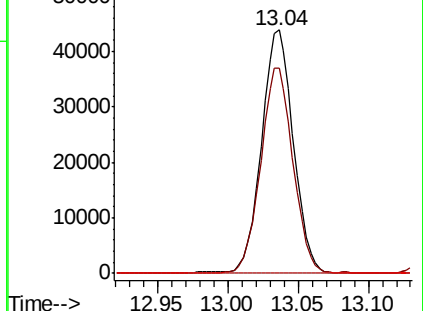
134 0.0 12.4 37.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.109 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060558.D

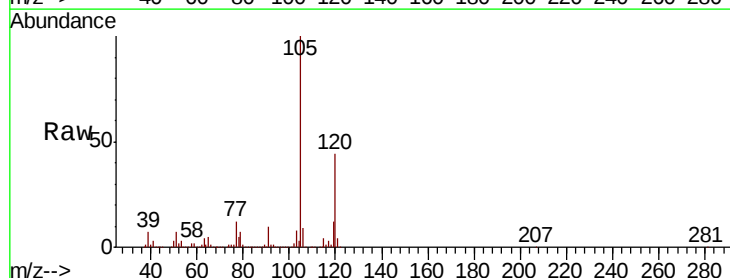
Acq: 17 Mar 2020 15:49

Tgt Ion:105 Resp: 569347

Ion Ratio Lower Upper

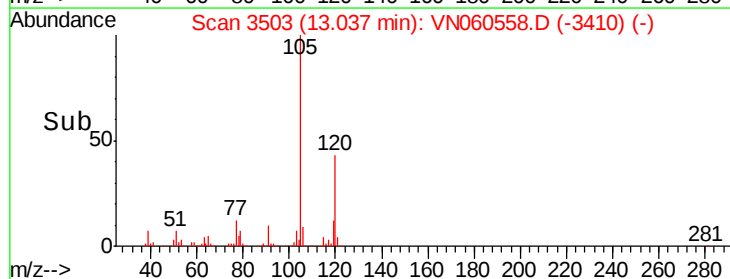
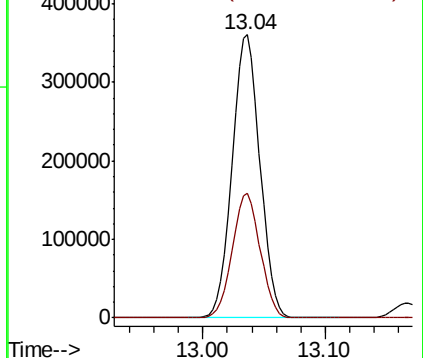
105 100

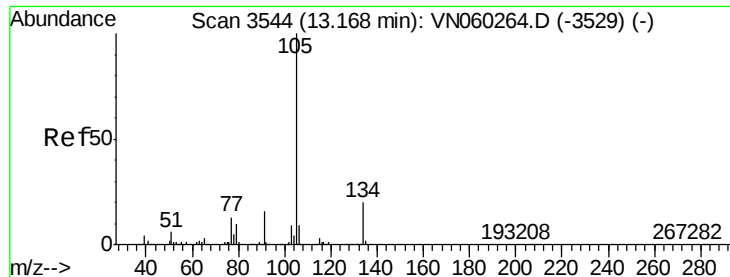
120 44.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.816 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

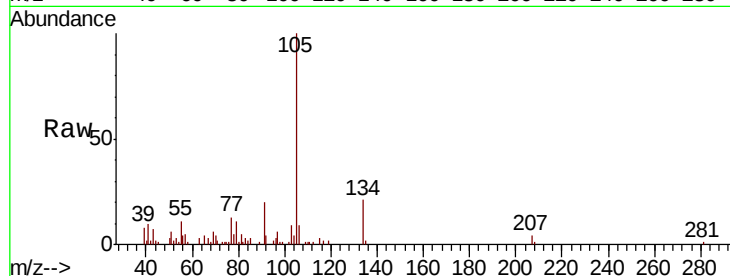
40748

Tot Ion:105 Resp: 31155

Ion Ratio Lower Upper

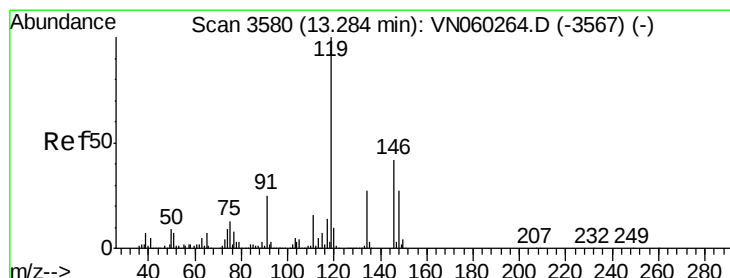
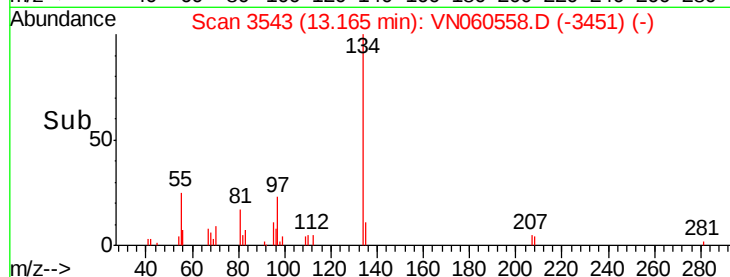
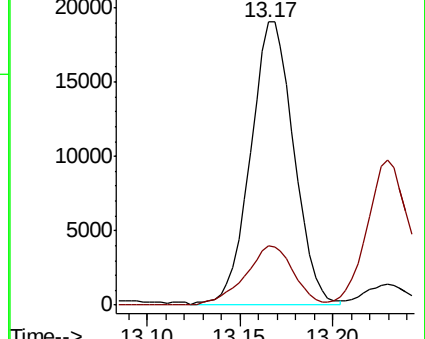
105 100

134 23.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.398 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060558.D

Acq: 17 Mar 2020 15:49

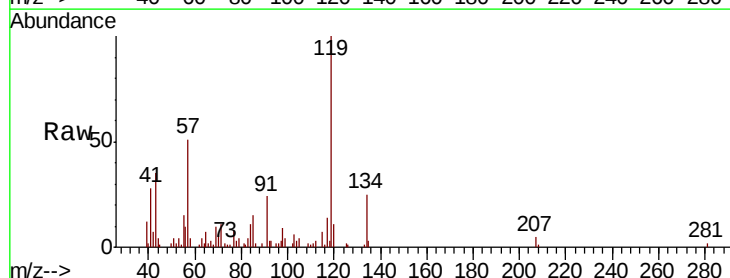
Tgt Ion:119 Resp: 24561

Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.6

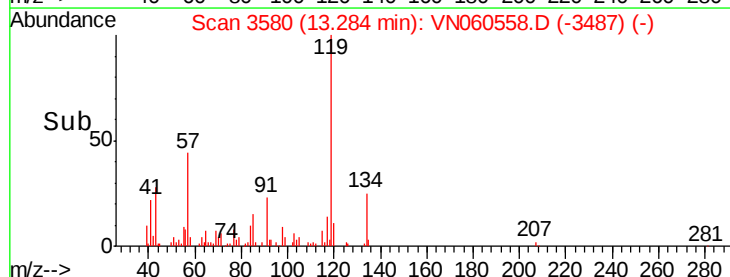
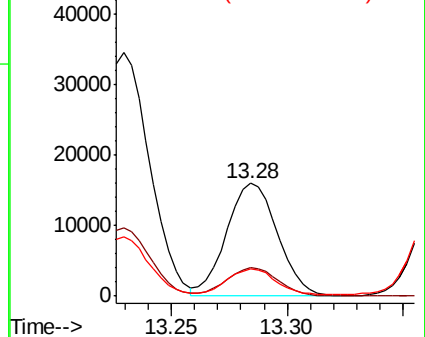
91 21.1 12.2 36.6

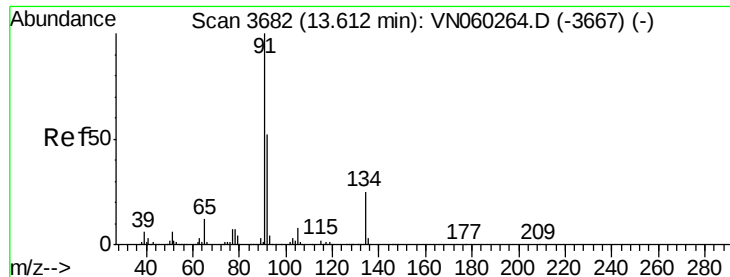


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

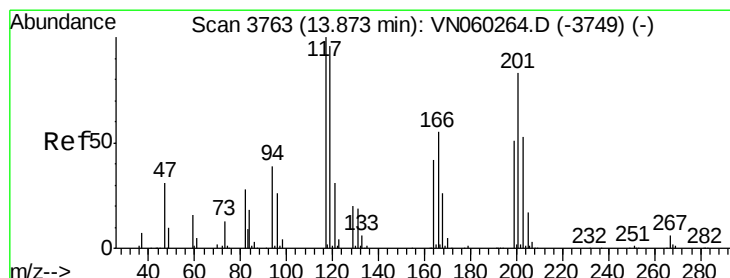
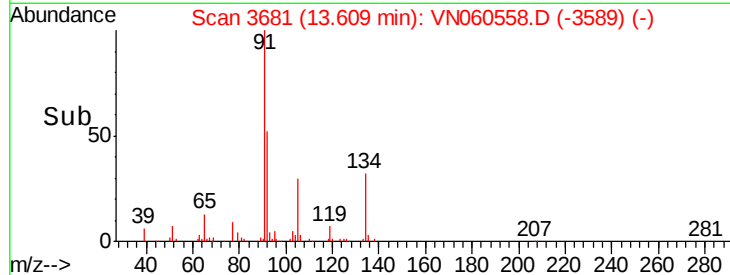
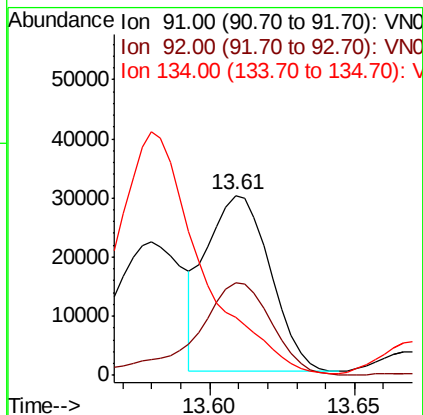
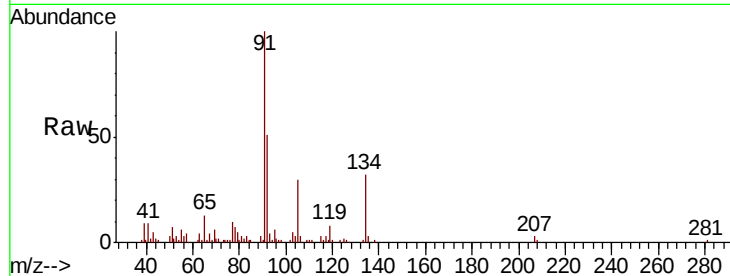




#89
n-Butylbenzene
Concen: 4.829 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

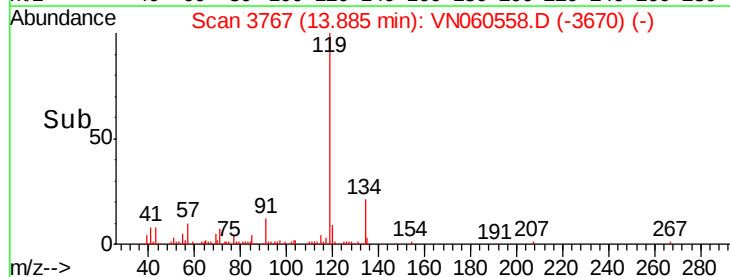
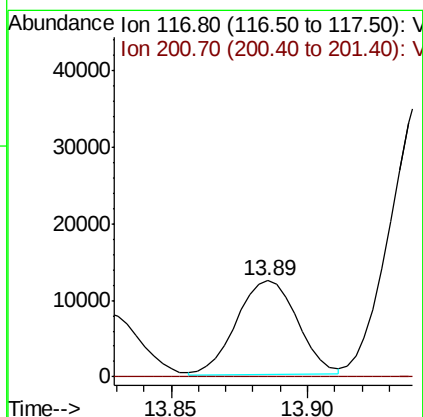
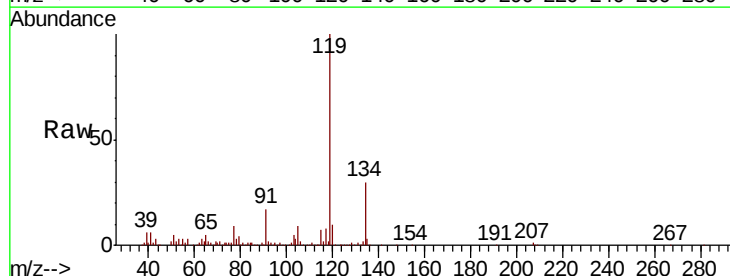
Instrument :
MSVOA_N
ClientSampled :
40748

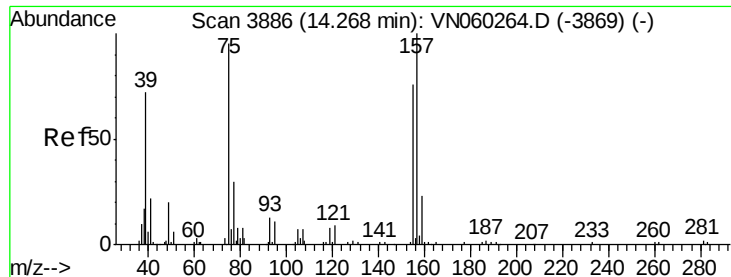
Tot Ion: 91 Resp: 45397
Ion Ratio Lower Upper
91 100
92 62.6 26.0 78.0
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 12.681 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN060558.D
Acq: 17 Mar 2020 15:49

Tgt Ion: 117 Resp: 18797
Ion Ratio Lower Upper
117 100
201 0.0 41.0 123.0#

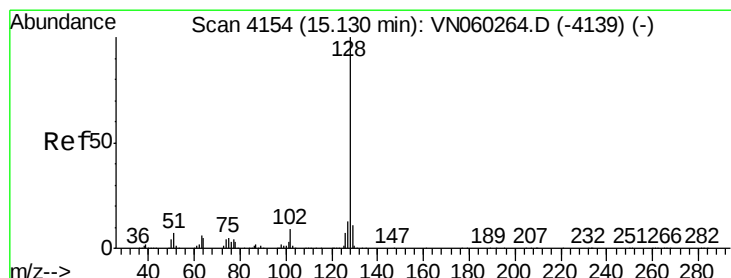
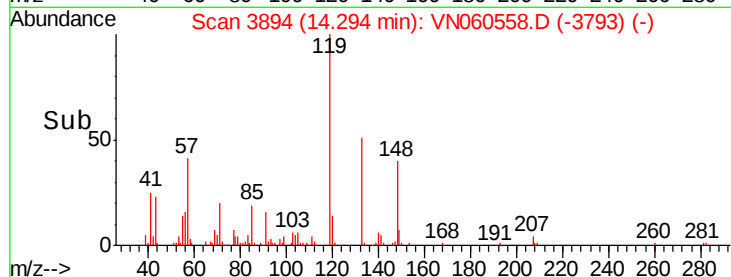
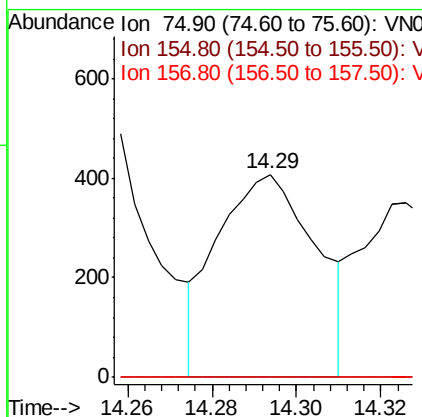
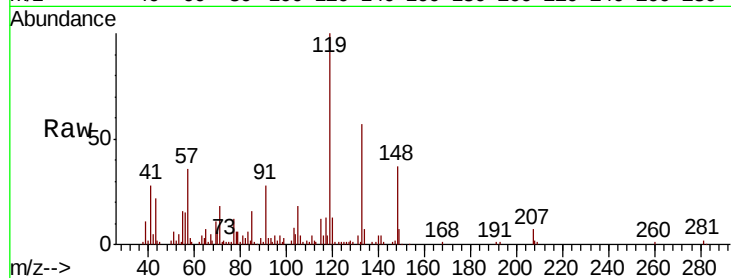




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.946 ug/l
 RT: 14.29 min Scan# 3894
 Delta R.T. 0.03 min
 Lab File: VN060558.D
 Acq: 17 Mar 2020 15:49

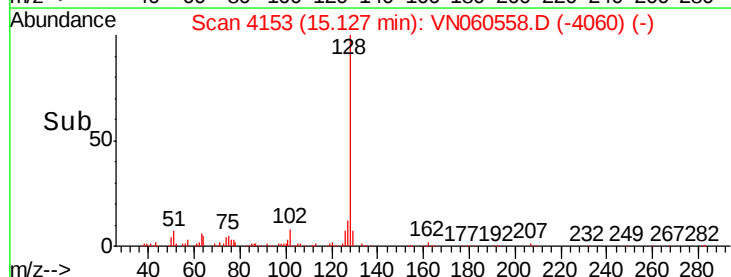
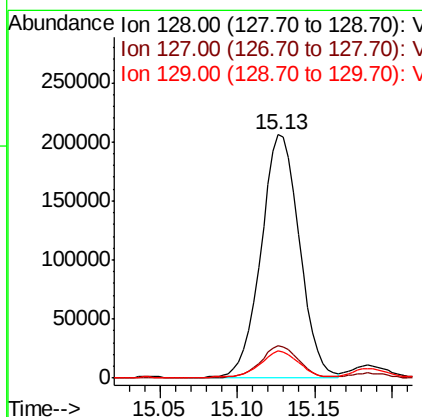
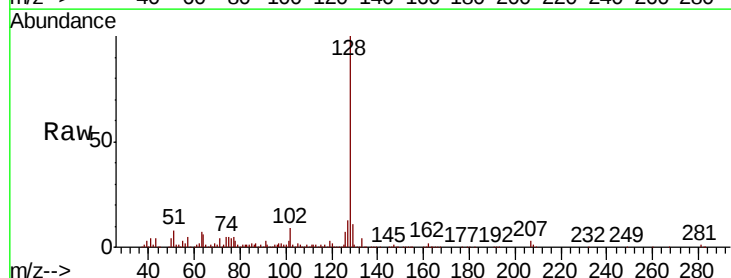
Instrument :
 MSVOA_N
 ClientSampleId :
 40748

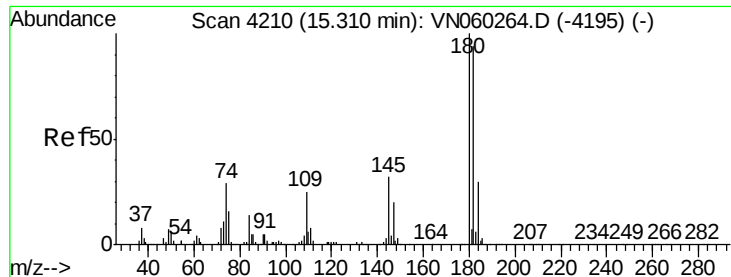
Tot Ion: 75 Resp: 660
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.4 121.2#
 157 0.0 52.5 157.5#



#95
 Naphthalene
 Concen: 38.943 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN060558.D
 Acq: 17 Mar 2020 15:49

Tgt Ion: 128 Resp: 355379
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.1 8.6 13.0

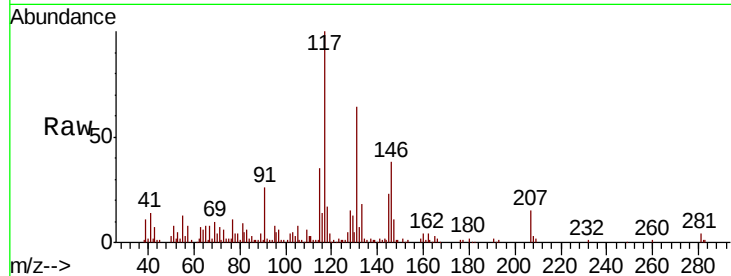




#96
 1,2,3-Trichlorobenzene
 Concen: 0.348 ug/l
 RT: 15.28 min Scan# 4201
 Delta R.T. -0.03 min
 Lab File: VN060558.D
 Acq: 17 Mar 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 40748

Tot Ion	Ratio	Lower	Upper
180	100		
182	27.0	47.3	142.0#
145	404.2	16.2	48.5#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

