

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063099.D
 Acq On : 24 Aug 2020 16:40
 Operator : JC/MD
 Sample : L3771-02 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Aug 25 00:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	144628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96525	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
35) Dibromofluoromethane	7.54	113	80054	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.06	98	306417	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	103524	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.62	64	276	0.244	ug/l #	84
11) Tert butyl alcohol	4.68	59	1577	6.495	ug/l #	74
16) Acetone	3.79	43	217	Below Cal	#	40
18) Methyl Acetate	4.28	43	1341	0.787	ug/l	98
20) Methylene Chloride	4.47	84	3979	1.333	ug/l #	81
31) Cyclohexane	7.62	56	2657	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10397	4.732	ug/l #	48
38) Carbon Tetrachloride	7.62	117	13303	5.997	ug/l #	17
39) Methylcyclohexane	9.04	83	226	1.636	ug/l #	57
43) Isopropyl Acetate	8.24	43	5212	1.528	ug/l #	53
52) Toluene	10.12	92	7727	1.838	ug/l	99
67) Ethyl Benzene	11.49	91	17886	2.204	ug/l	98
68) m/p-Xylenes	11.59	106	26533	8.796	ug/l	100
69) o-Xylene	11.92	106	15165	5.235	ug/l	96
70) Styrene	11.93	104	1234	2.130	ug/l #	1
71) Bromoform	12.38	173	929	0.625	ug/l #	1
73) Isopropylbenzene	12.23	105	6163	0.856	ug/l	95
76) 1,2,3-Trichloropropane	12.38	75	50726	24.833	ug/l #	100
78) n-propylbenzene	12.57	91	19507	2.378	ug/l	100
79) 2-Chlorotoluene	12.63	91	7072	1.371	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	28722	4.828	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	50726	68.203	ug/l #	15
82) 4-Chlorotoluene	12.71	91	3280	0.624	ug/l #	42
83) tert-Butylbenzene	13.02	119	17026	3.316	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.02	105	119160	20.561	ug/l	99
85) sec-Butylbenzene	13.15	105	6699	0.965	ug/l	100
86) p-Isopropyltoluene	13.27	119	3668	0.607	ug/l	96
89) n-Butylbenzene	13.59	91	5345	3.652	ug/l #	73
90) Hexachloroethane	13.87	117	2972	2.313	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.22	75	133	0.367	ug/l #	1
95) Naphthalene	15.11	128	50441	16.315	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063099.D

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Instrument :

MSVOA_N

ClientSampleId :

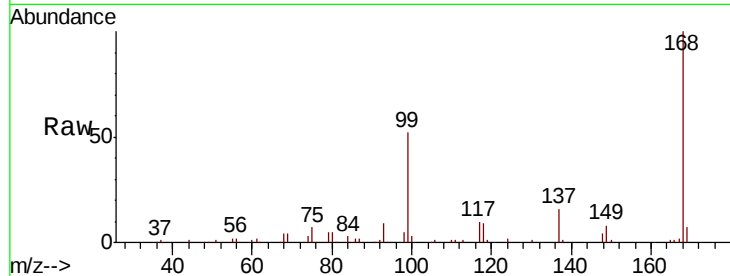
DRUM-1

Tot Ion:168 Resp: 144628

Ion Ratio Lower Upper

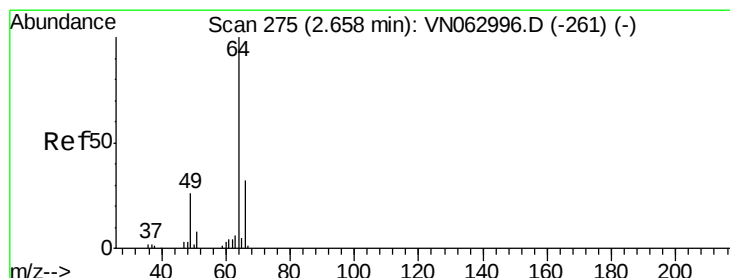
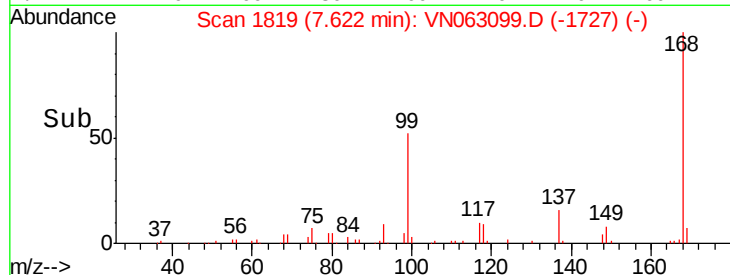
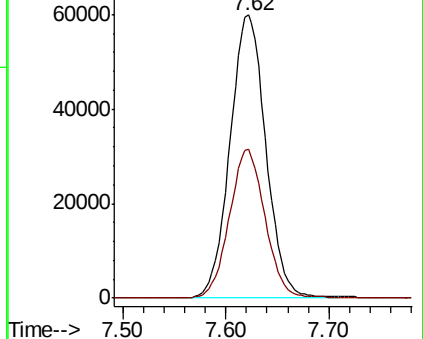
168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#6

Chloroethane

Concen: 0.244 ug/l

RT: 2.62 min Scan# 263

Delta R.T. -0.04 min

Lab File: VN063099.D

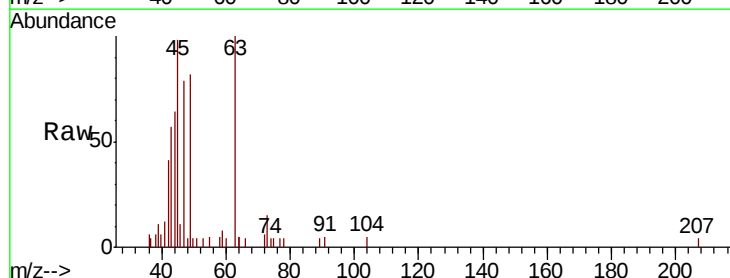
Acq: 24 Aug 2020 16:40

Tgt Ion: 64 Resp: 276

Ion Ratio Lower Upper

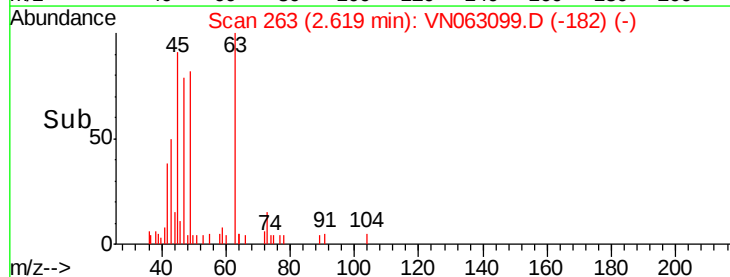
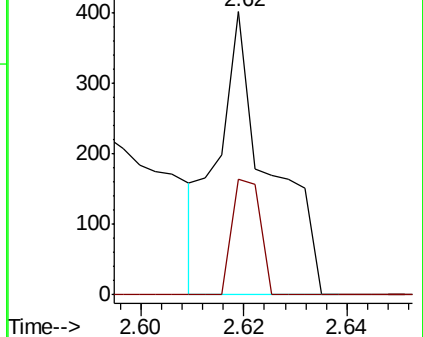
64 100

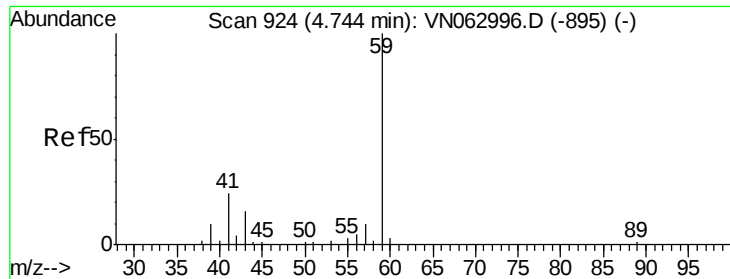
66 40.6 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VN

Ion 65.90 (65.60 to 66.60): VN



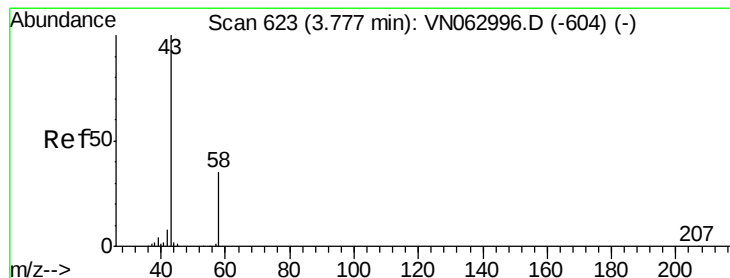
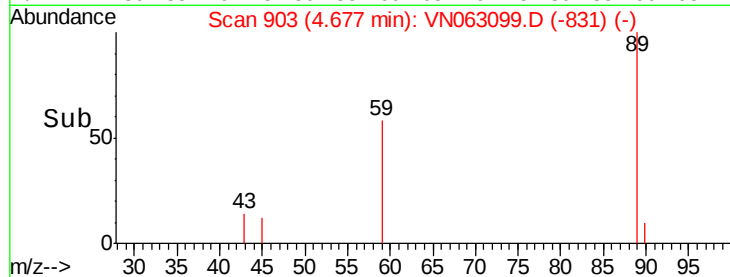
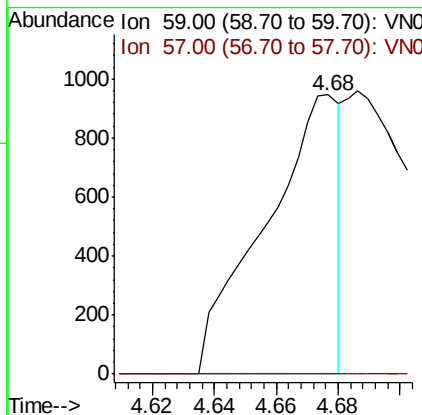
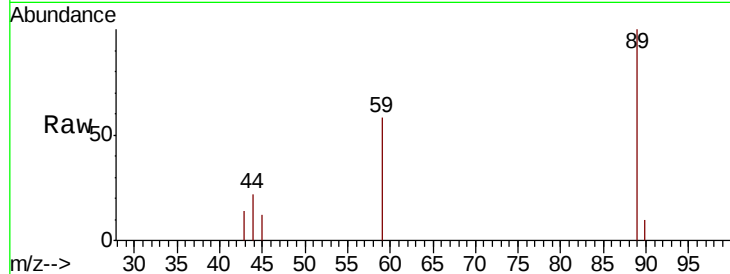


#11

Tert butyl alcohol
 Concen: 6.495 ug/l
 RT: 4.68 min Scan# 903
 Delta R.T. -0.07 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

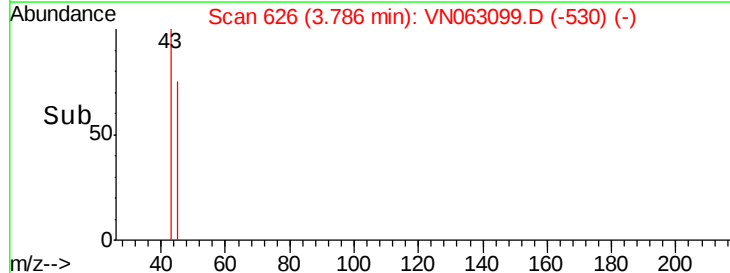
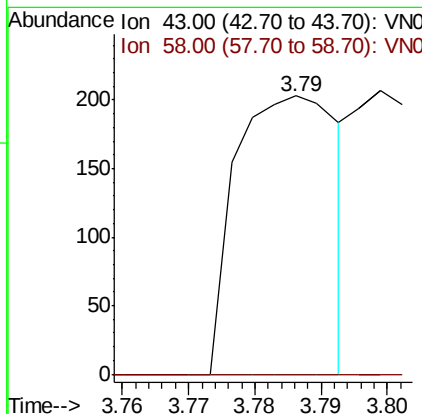
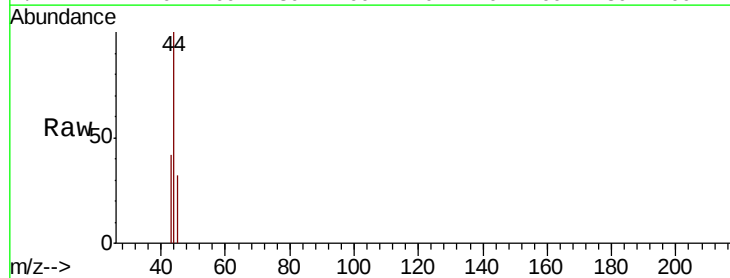
Tot Ion: 59 Resp: 1577
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

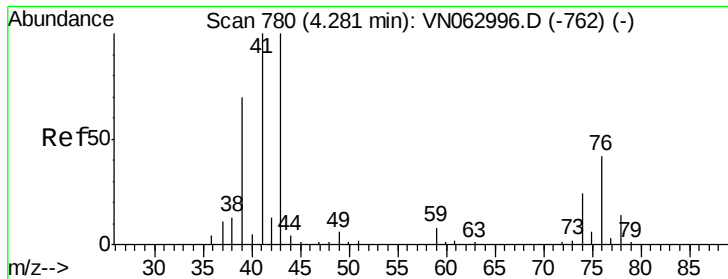


#16

Acetone
 Concen: Below Cal
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Tgt Ion: 43 Resp: 217
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.8 41.6#

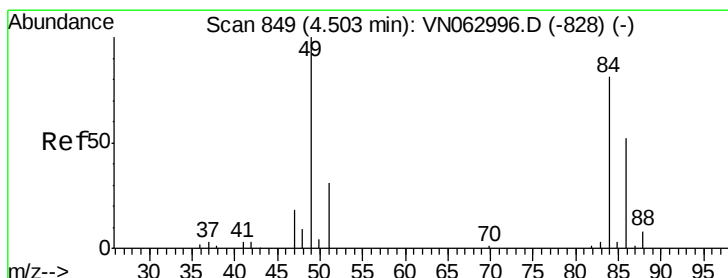
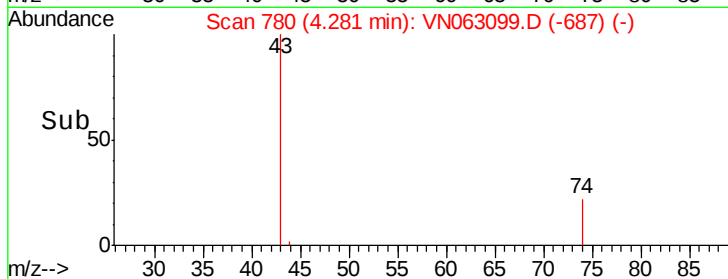
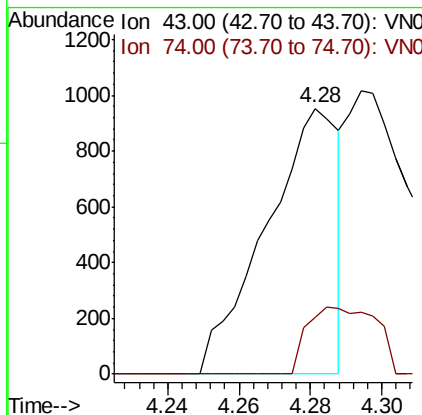
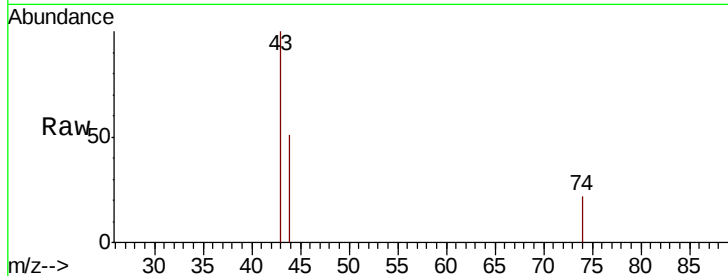




#18
Methyl Acetate
Concen: 0.787 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

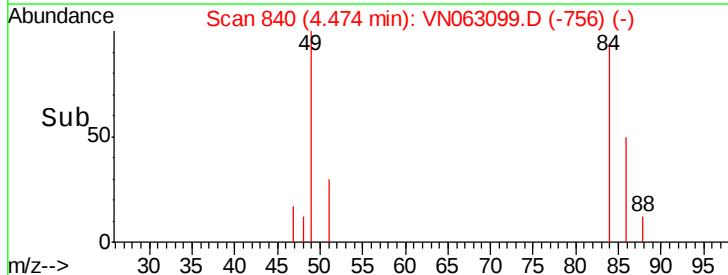
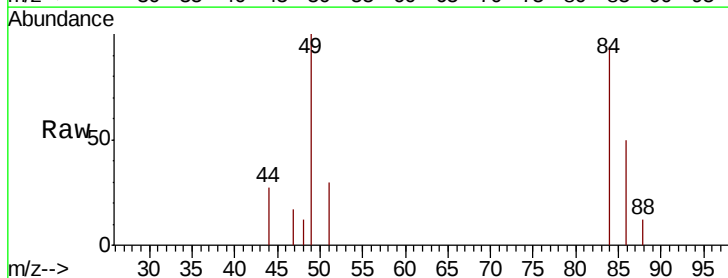
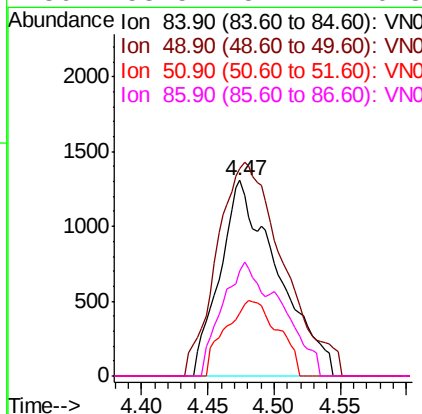
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

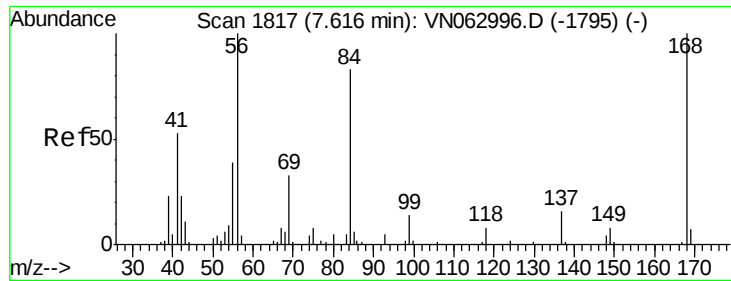
Tot Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 4.47 min Scan# 840
Delta R.T. -0.03 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion: 84 Resp: 3979
Ion Ratio Lower Upper
84 100
49 94.6 98.7 148.1#
51 32.2 30.8 46.2
86 53.5 51.2 76.8

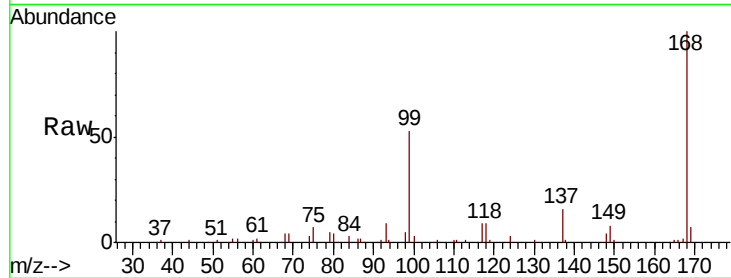




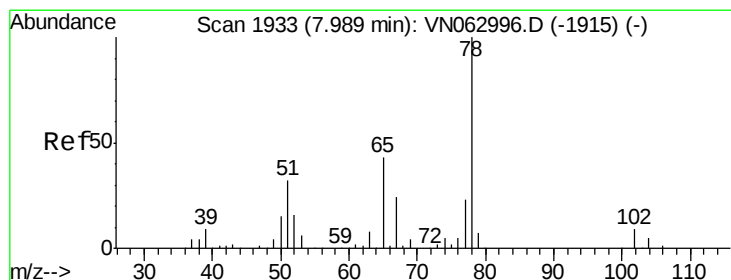
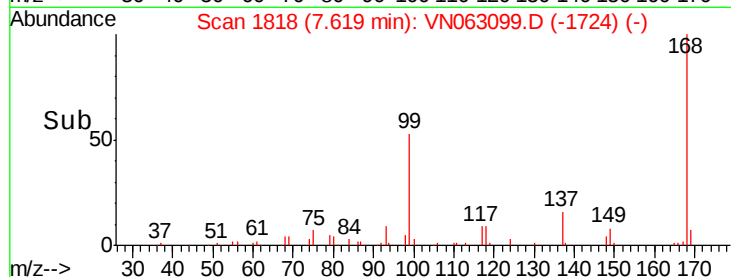
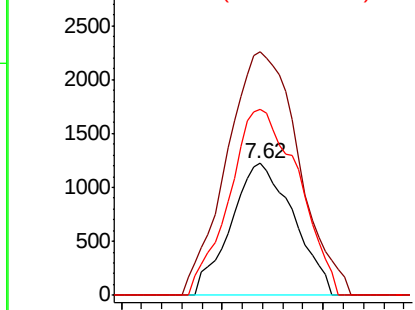
#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion: 56 Resp: 2657
Ion Ratio Lower Upper
56 100
69 171.1 26.6 40.0#
84 141.0 66.4 99.6#

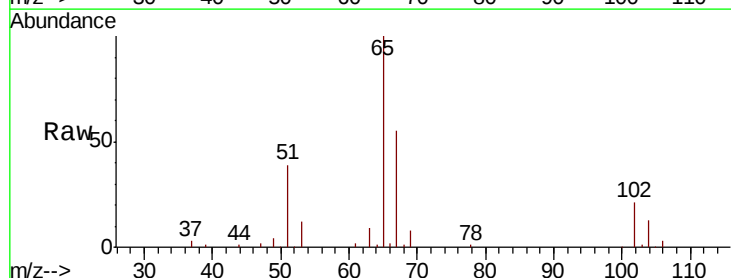


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

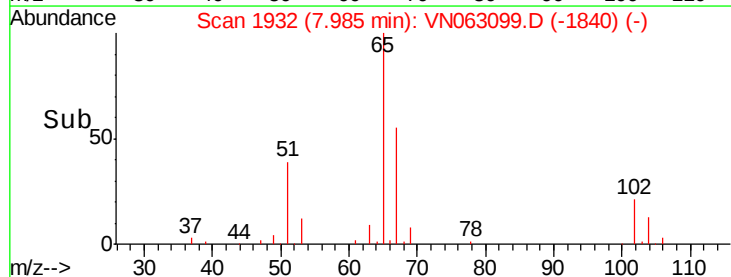
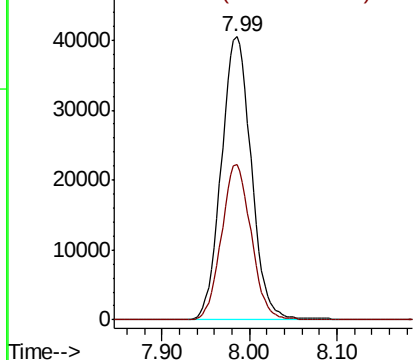


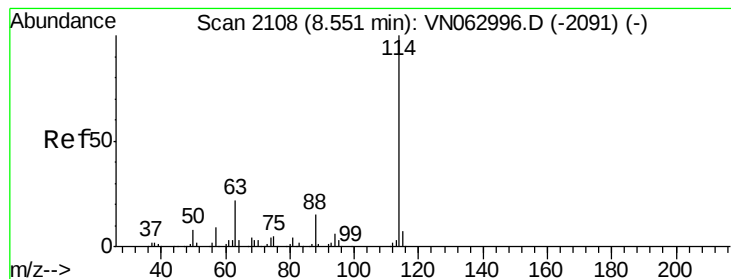
#33
1,2-Dichloroethane-d4
Concen: 56.312 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion: 65 Resp: 96525
Ion Ratio Lower Upper
65 100
67 54.1 0.0 112.0



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: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

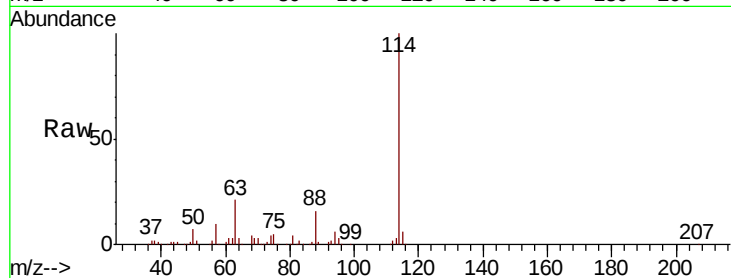
Tot Ion:114 Resp: 249315

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

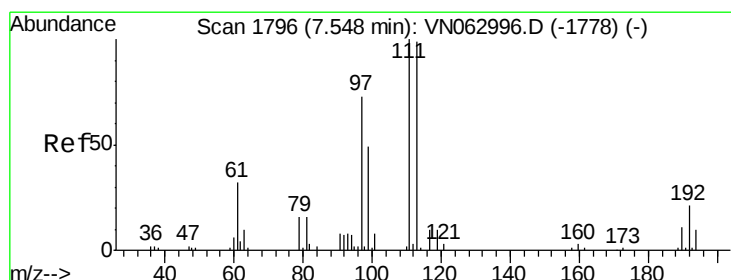
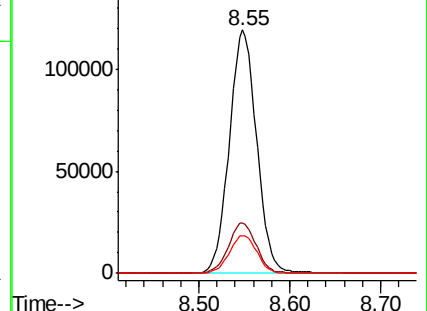
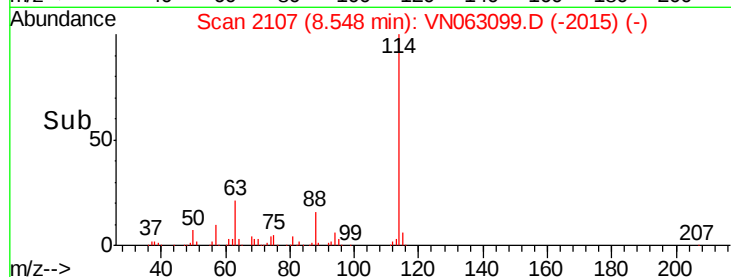
88 15.7 0.0 30.6



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: 49.278 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

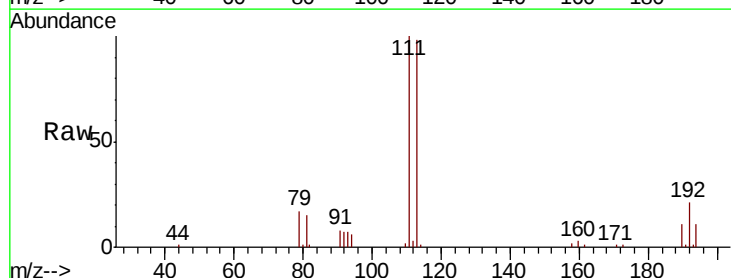
Tgt Ion:113 Resp: 80054

Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

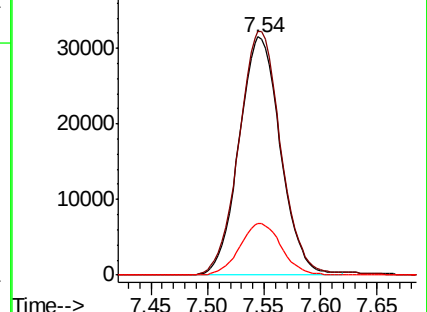
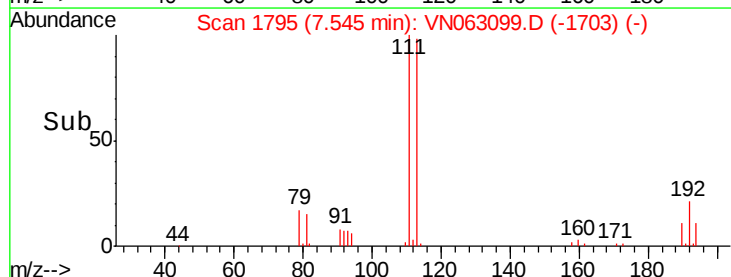
192 21.7 17.5 26.3

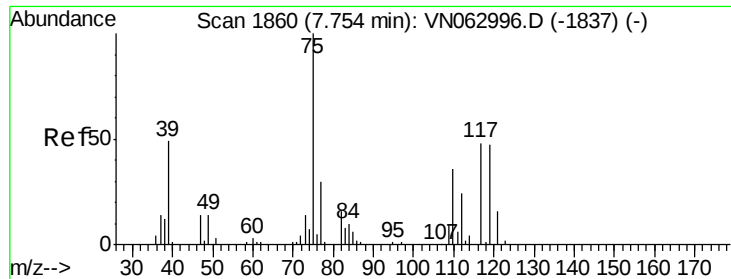


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

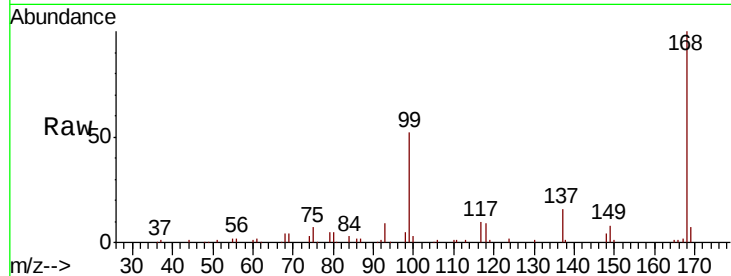
Tot Ion: 75 Resp: 10397

Ion Ratio Lower Upper

75 100

110 6.3 17.5 52.6#

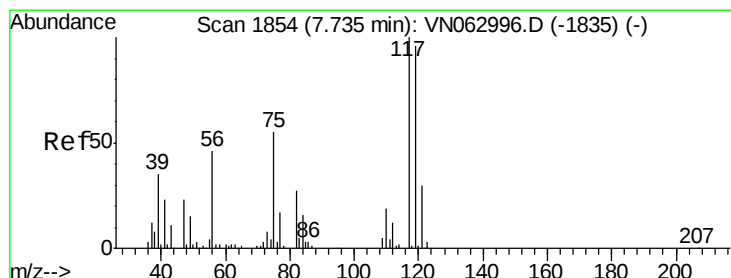
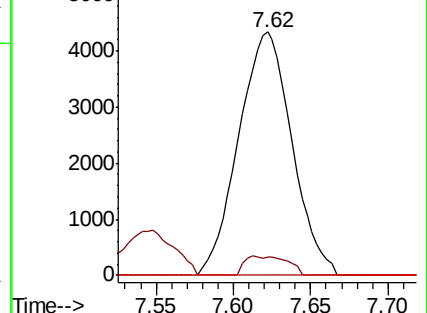
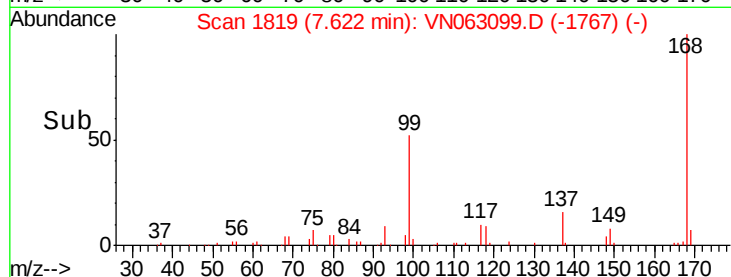
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN063099.D (-1767) (-)

Ion 109.90 (109.60 to 110.60): VN063099.D (-1767) (-)

Ion 76.90 (76.60 to 77.60): VN063099.D (-1767) (-)



#38

Carbon Tetrachloride

Concen: 5.997 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

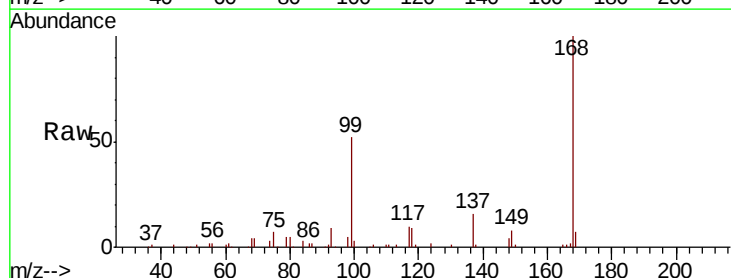
Tgt Ion: 117 Resp: 13303

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.4#

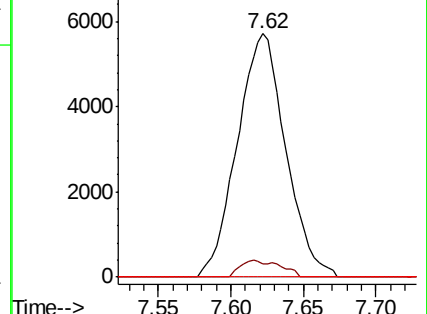
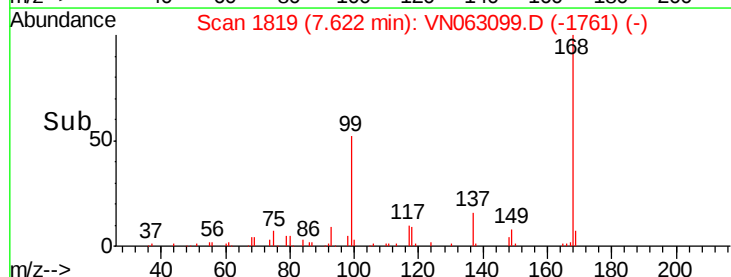
121 0.0 24.2 36.2#

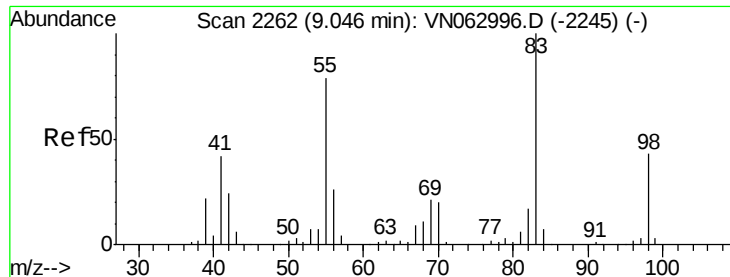


Abundance Ion 116.80 (116.50 to 117.50): VN063099.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN063099.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN063099.D (-1761) (-)





#39

Methylcyclohexane

Concen: 1.636 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

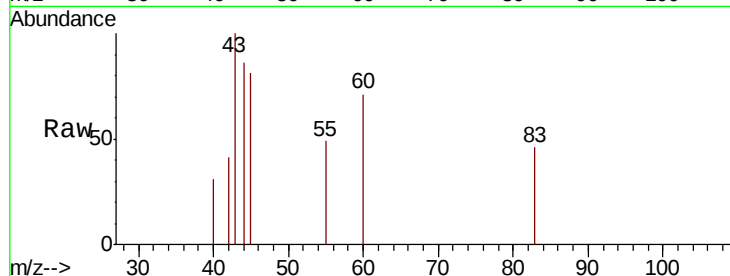
Tot Ion: 83 Resp: 226

Ion Ratio Lower Upper

83 100

55 105.9 63.3 94.9#

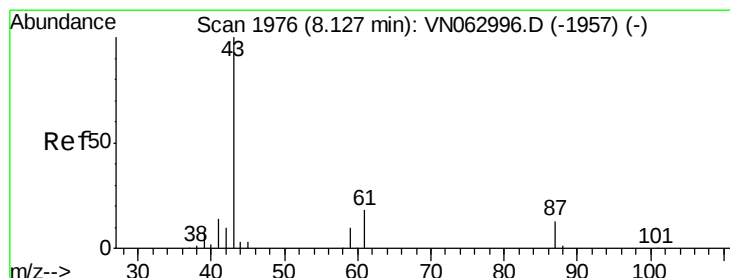
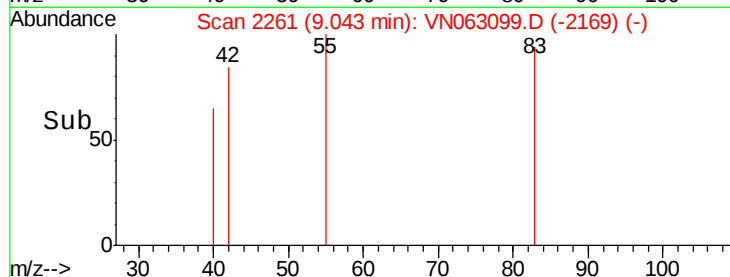
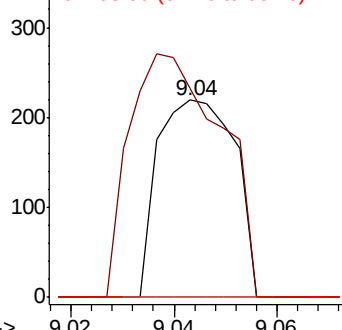
98 0.0 34.2 51.4#



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#43

Isopropyl Acetate

Concen: 1.528 ug/l

RT: 8.24 min Scan# 2010

Delta R.T. 0.11 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

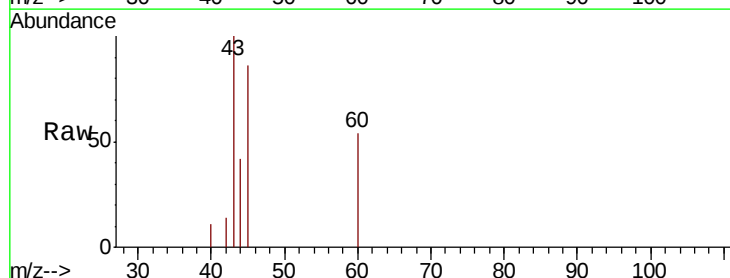
Tgt Ion: 43 Resp: 5212

Ion Ratio Lower Upper

43 100

61 0.0 22.6 33.8#

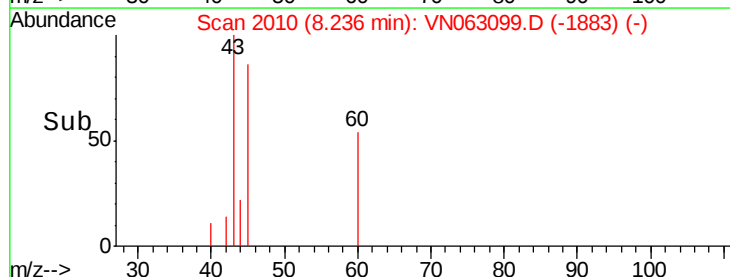
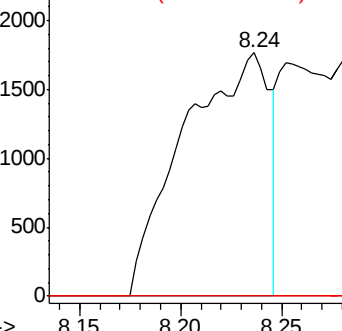
87 0.0 10.5 15.7#

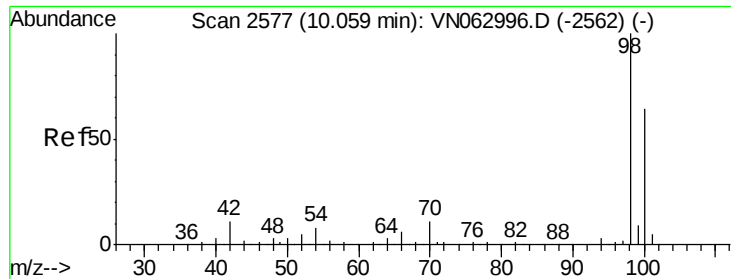


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 49.106 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

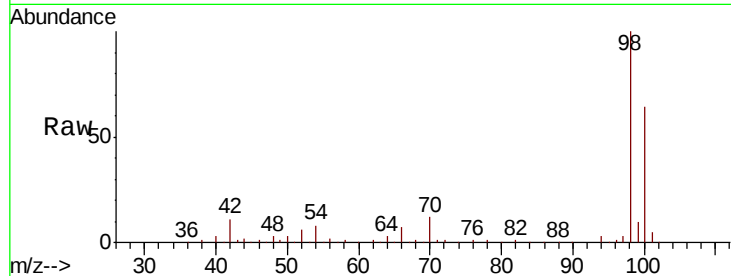
DRUM-1

Tot Ion: 98 Resp: 306417

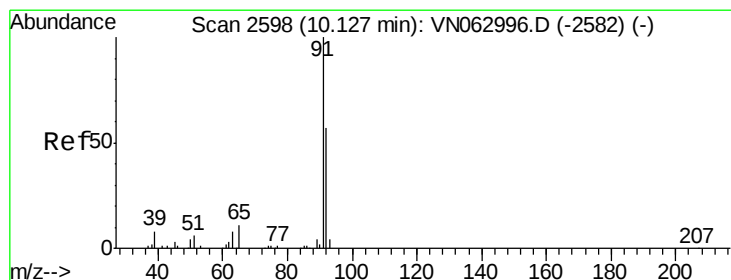
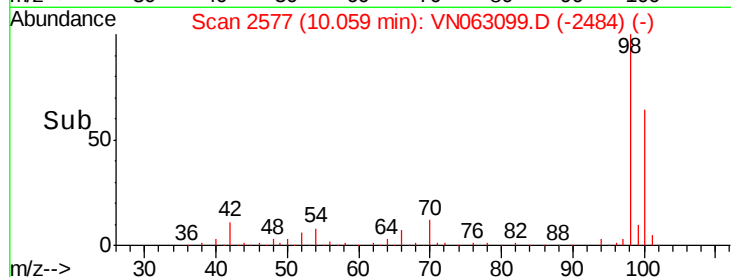
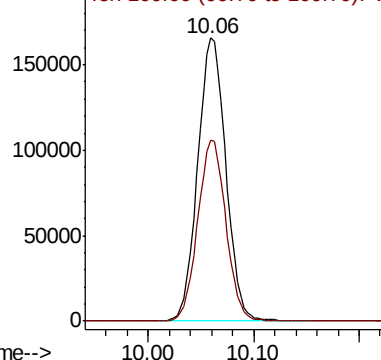
Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)



#52

Toluene

Concen: 1.838 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063099.D

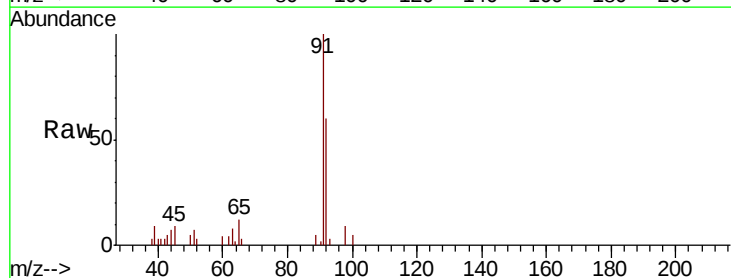
Acq: 24 Aug 2020 16:40

Tgt Ion: 92 Resp: 7727

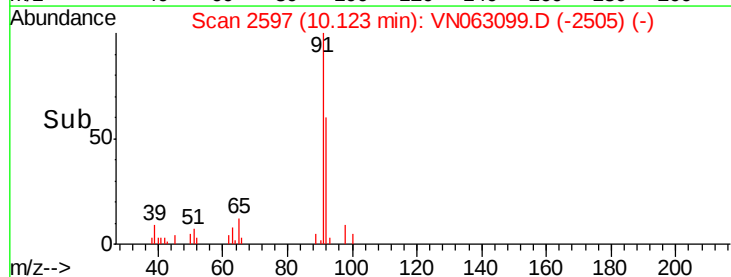
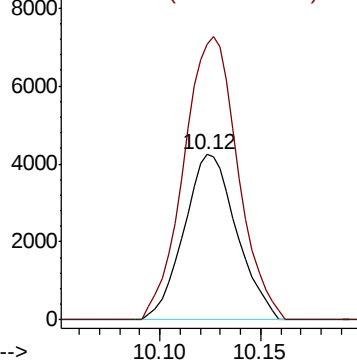
Ion Ratio Lower Upper

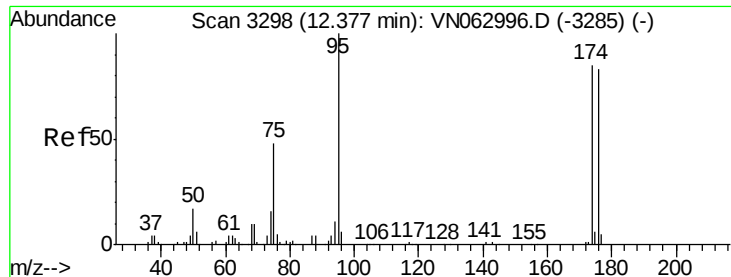
92 100

91 176.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)





#62

4-Bromofluorobenzene

Concen: 47.014 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

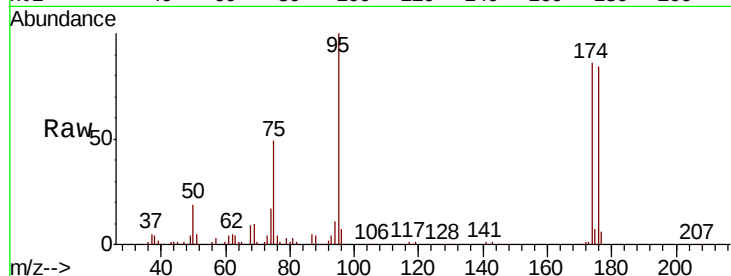
Tot Ion: 95 Resp: 103524

Ion Ratio Lower Upper

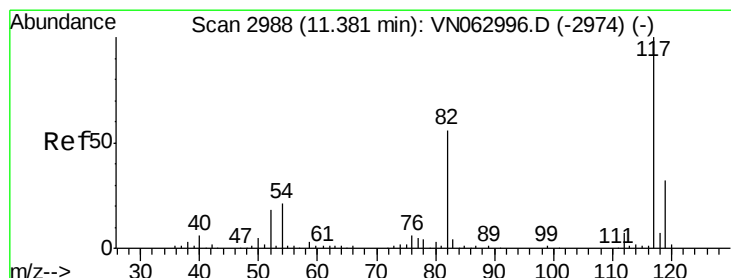
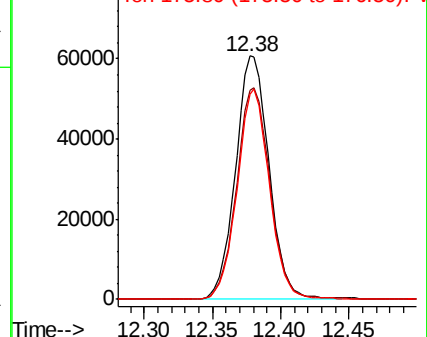
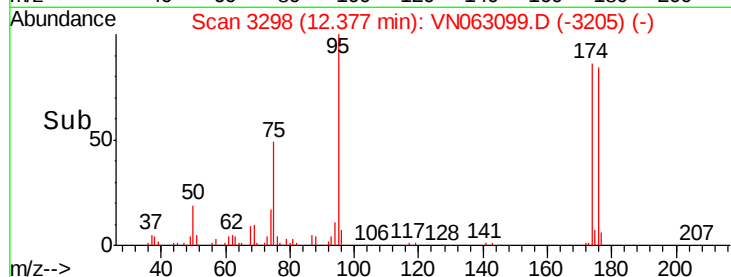
95 100

174 86.7 0.0 170.8

176 83.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063099.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

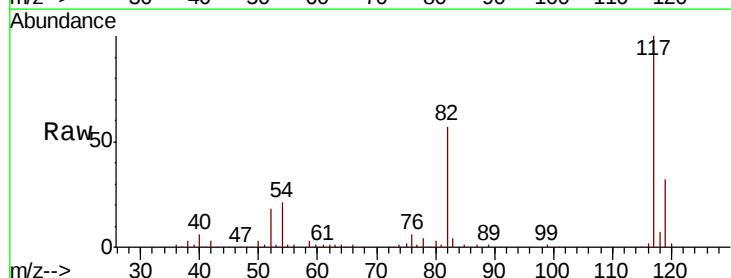
Tgt Ion: 117 Resp: 239173

Ion Ratio Lower Upper

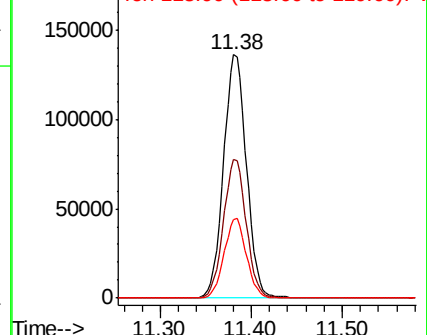
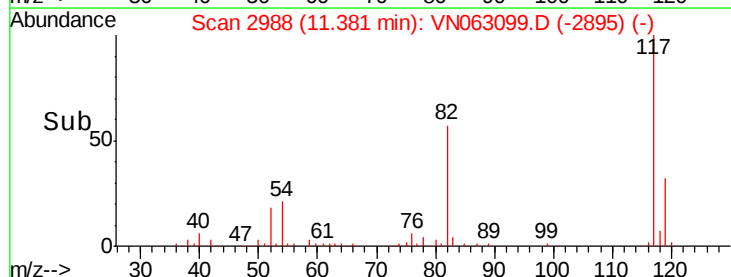
117 100

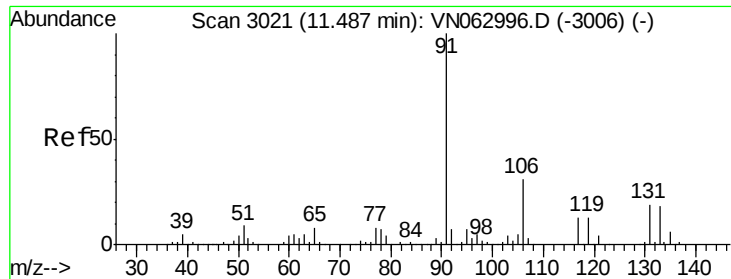
82 57.0 44.5 66.7

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN063099.D (-2895) (-)

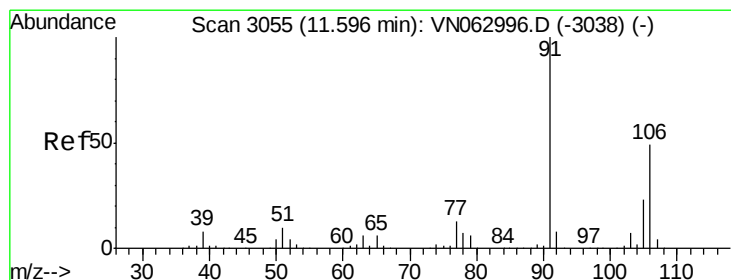
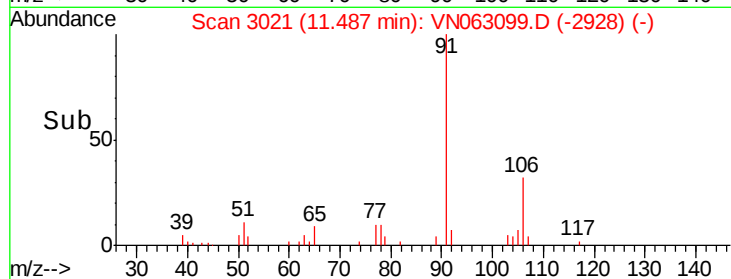
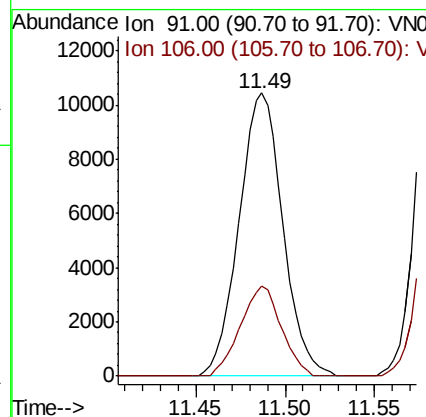
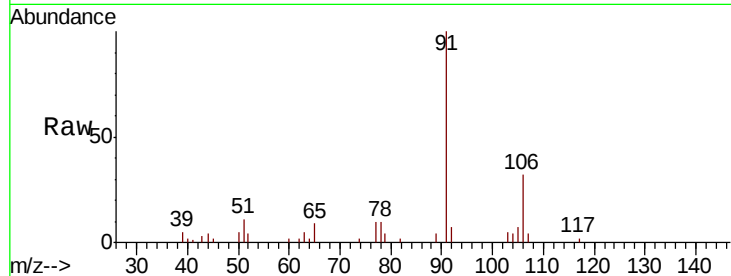




#67
Ethyl Benzene
Concen: 2.204 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

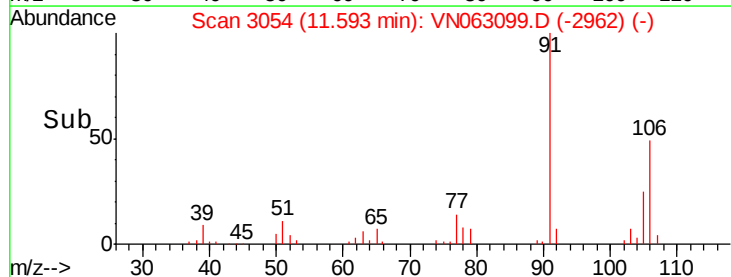
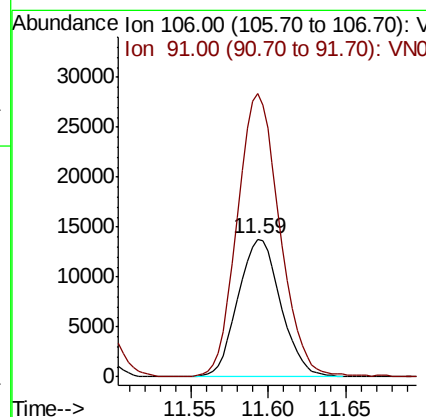
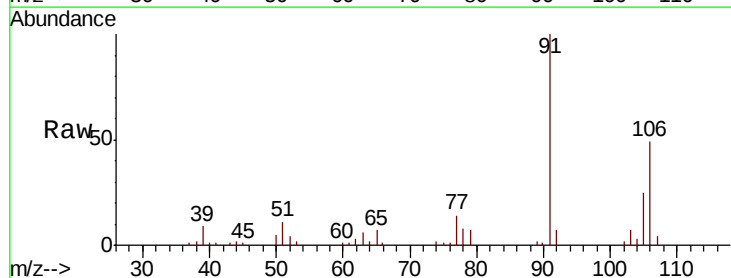
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

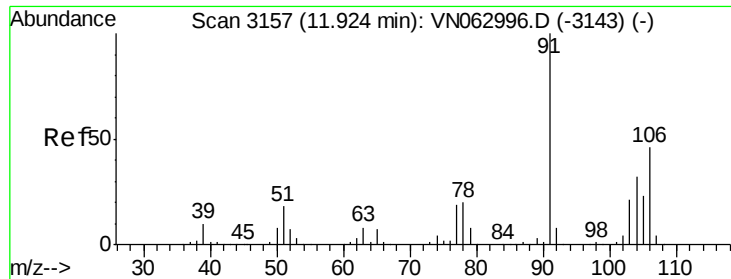
Tot Ion: 91 Resp: 17886
Ion Ratio Lower Upper
91 100
106 32.1 24.6 37.0



#68
m/p-Xylenes
Concen: 8.796 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion: 106 Resp: 26533
Ion Ratio Lower Upper
106 100
91 204.0 163.0 244.4

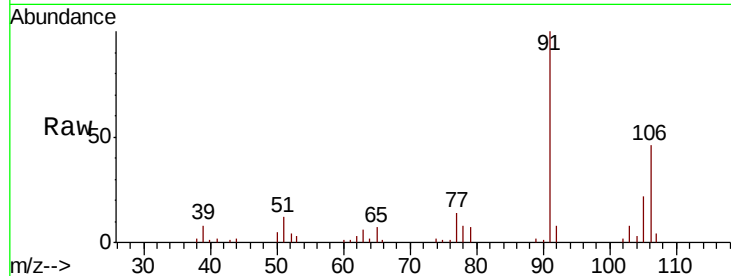




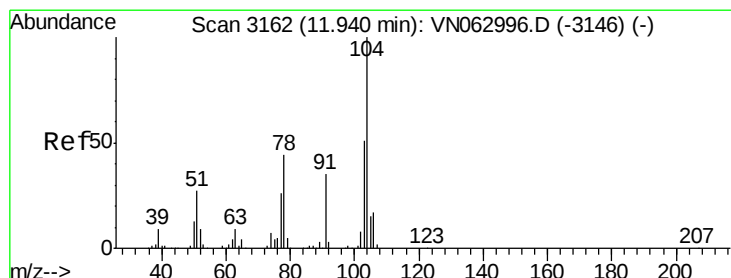
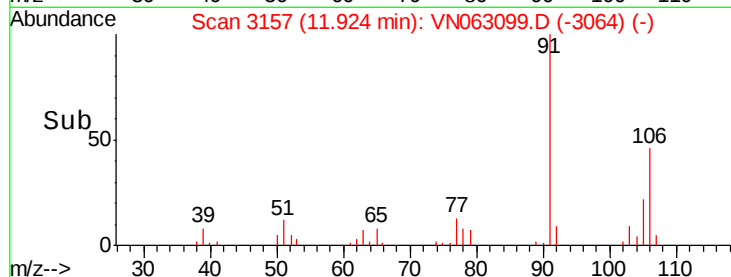
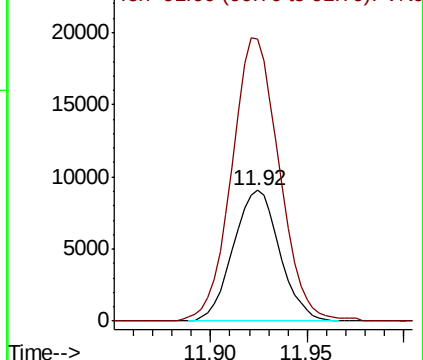
#69
o-Xylene
Concen: 5.235 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion:106 Resp: 15165
Ion Ratio Lower Upper
106 100
91 221.1 107.3 321.9

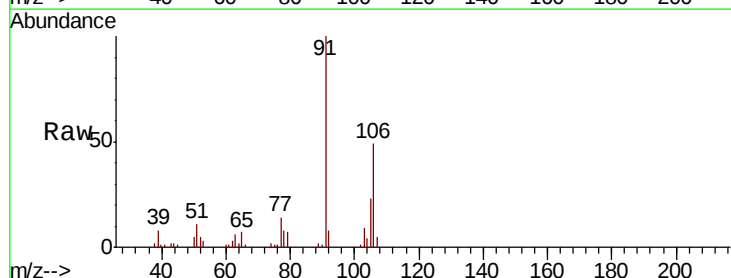


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

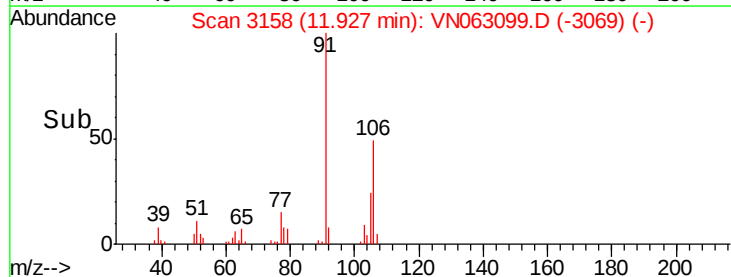
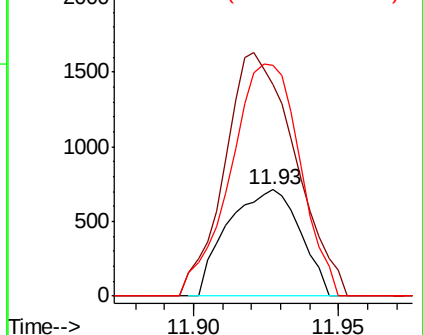


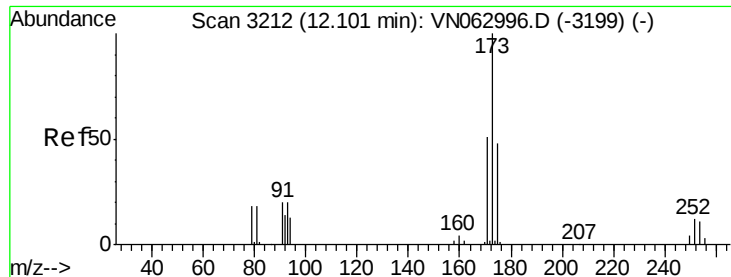
#70
Styrene
Concen: 2.130 ug/l
RT: 11.93 min Scan# 3158
Delta R.T. -0.01 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion:104 Resp: 1234
Ion Ratio Lower Upper
104 100
78 222.6 39.0 58.6#
103 209.2 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.625 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

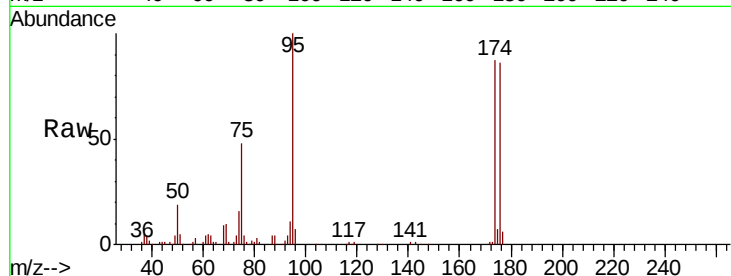
Tot Ion:173 Resp: 929

Ion Ratio Lower Upper

173 100

175 578.3 24.3 72.8#

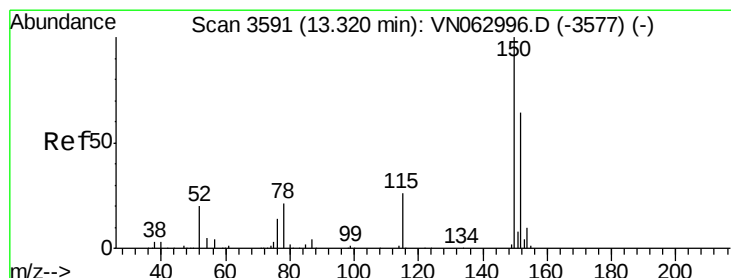
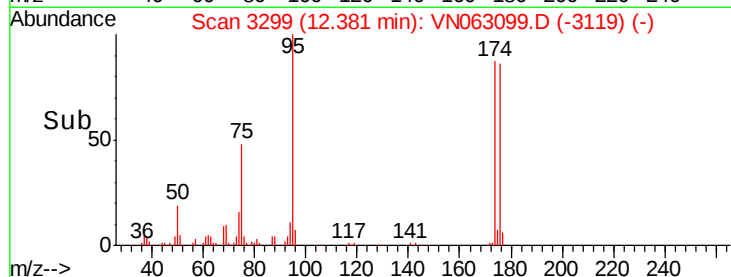
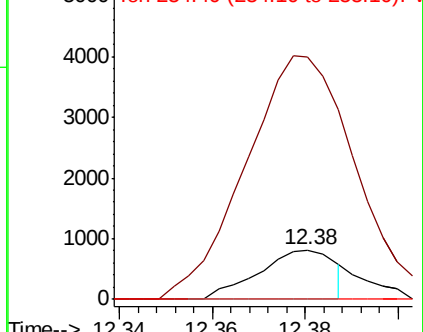
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

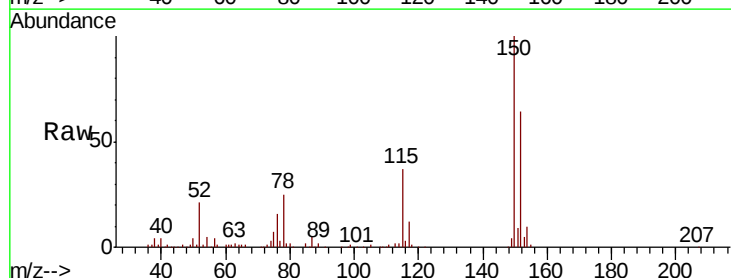
Tgt Ion:152 Resp: 105088

Ion Ratio Lower Upper

152 100

115 59.9 28.7 86.3

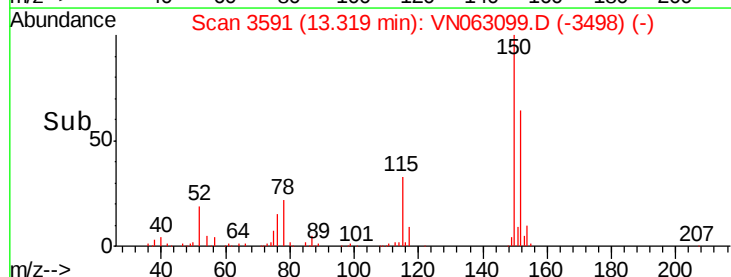
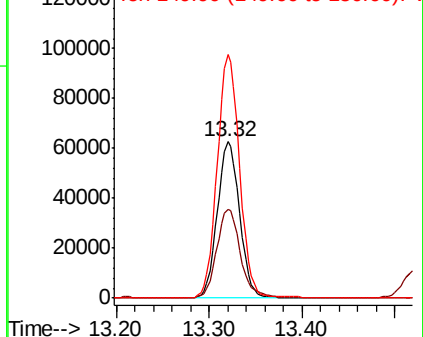
150 155.5 0.0 348.8

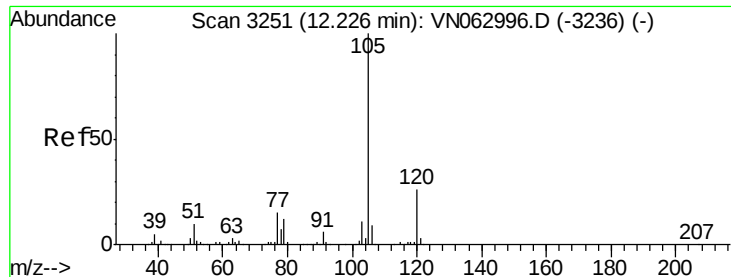


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.856 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

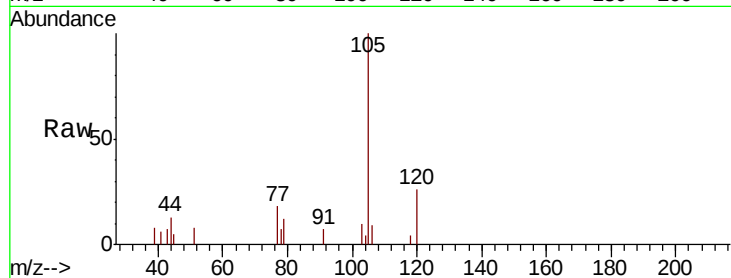
DRUM-1

Tot Ion:105 Resp: 6163

Ion Ratio Lower Upper

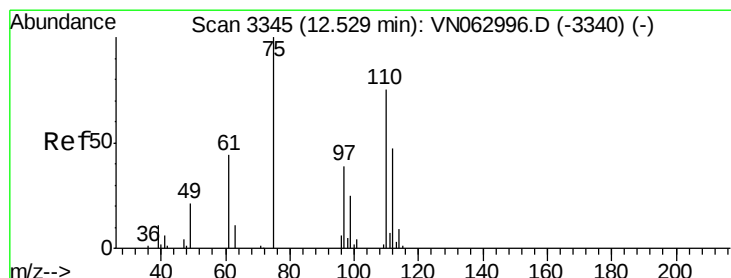
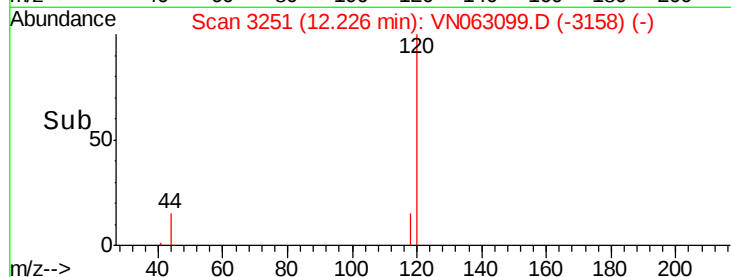
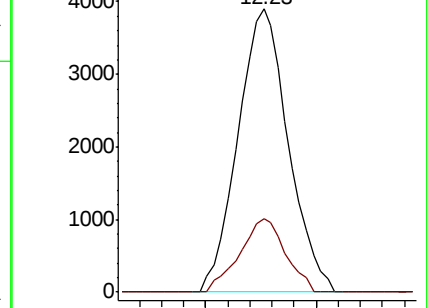
105 100

120 23.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.833 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063099.D

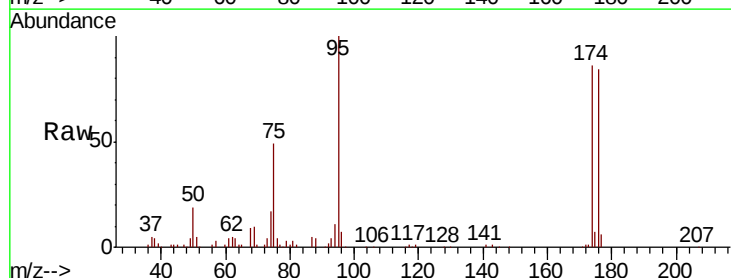
Acq: 24 Aug 2020 16:40

Tgt Ion: 75 Resp: 50726

Ion Ratio Lower Upper

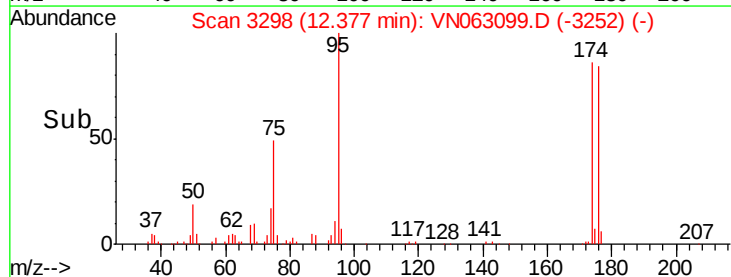
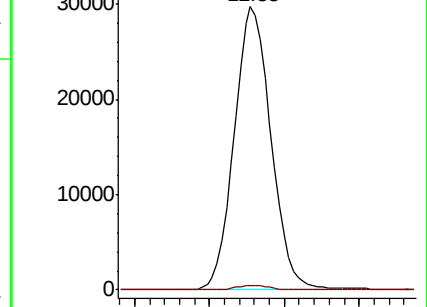
75 100

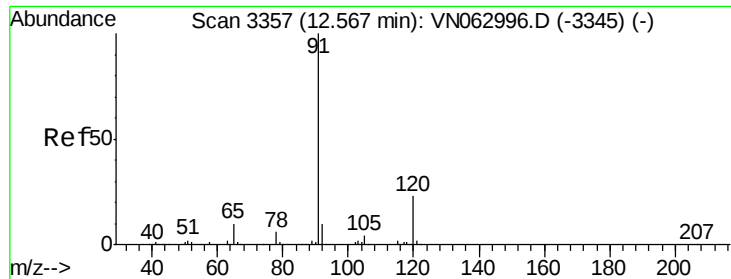
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 2.378 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

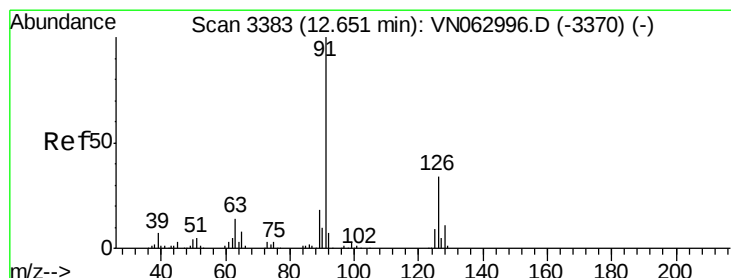
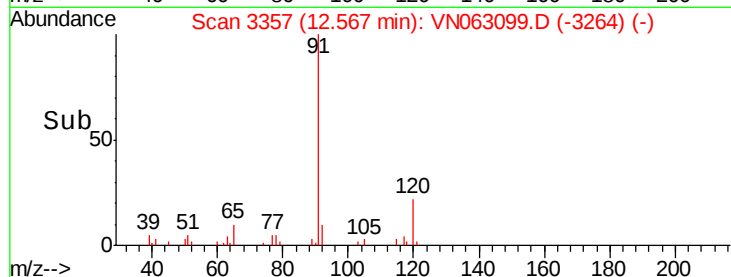
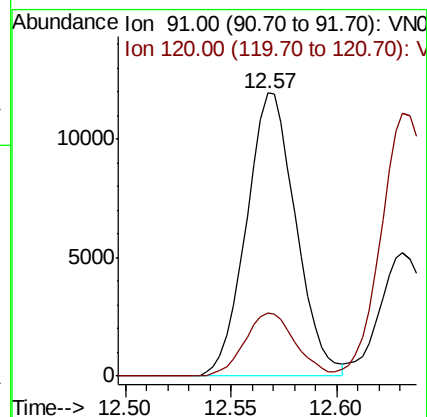
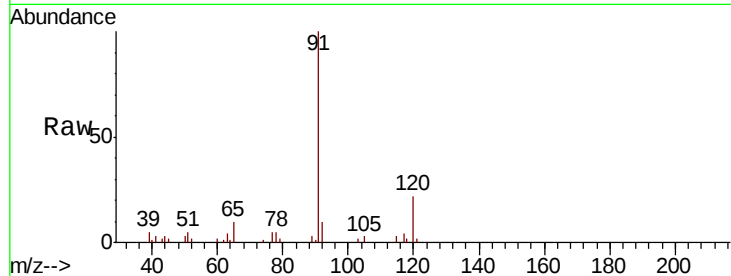
DRUM-1

Tot Ion: 91 Resp: 19507

Ion Ratio Lower Upper

91 100

120 22.8 11.4 34.1



#79

2-Chlorotoluene

Concen: 1.371 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN063099.D

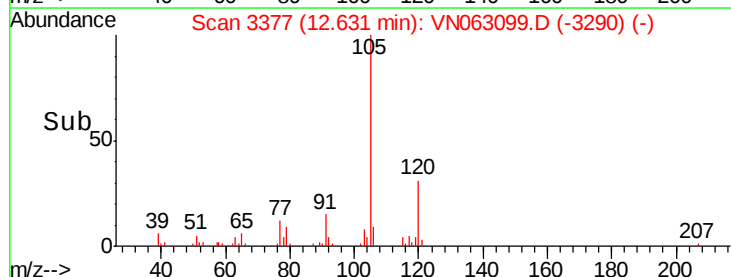
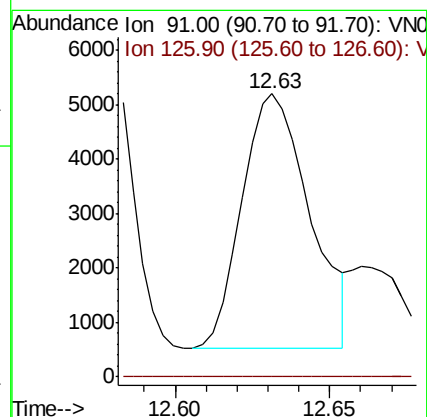
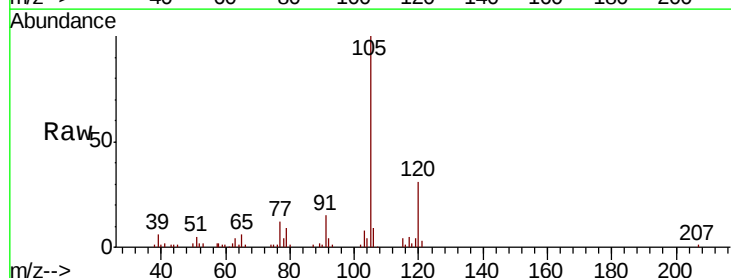
Acq: 24 Aug 2020 16:40

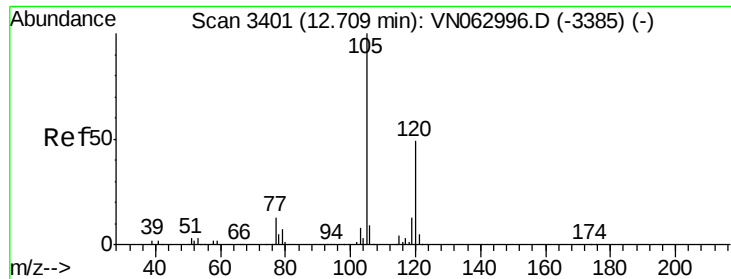
Tgt Ion: 91 Resp: 7072

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#





#80

1,3,5-Trimethylbenzene

Concen: 4.828 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

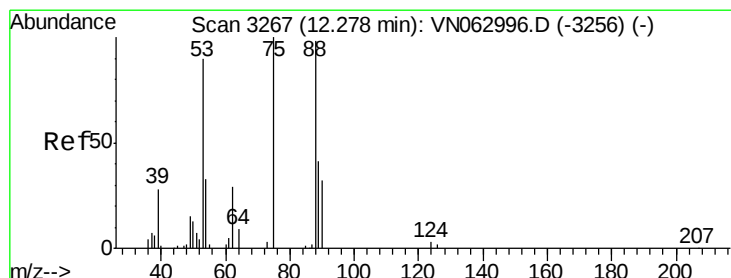
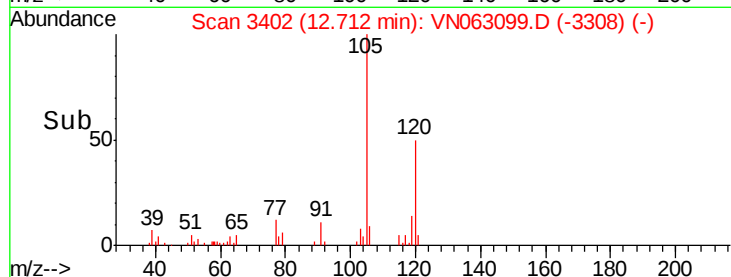
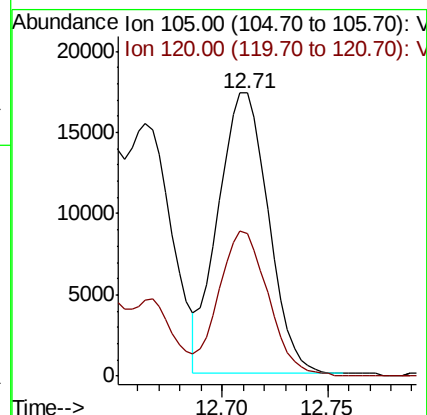
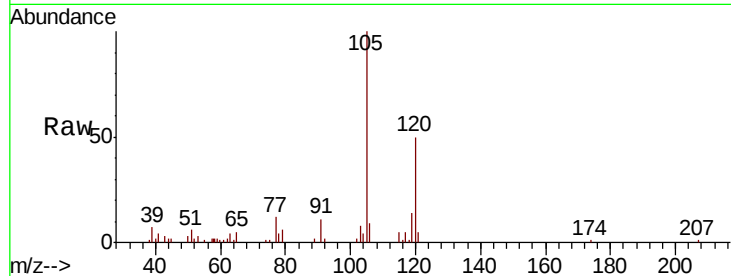
DRUM-1

Tot Ion:105 Resp: 28722

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 68.203 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

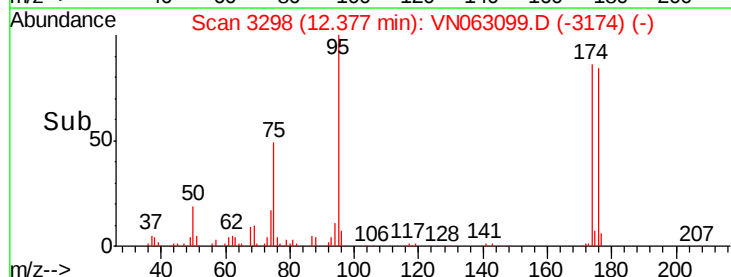
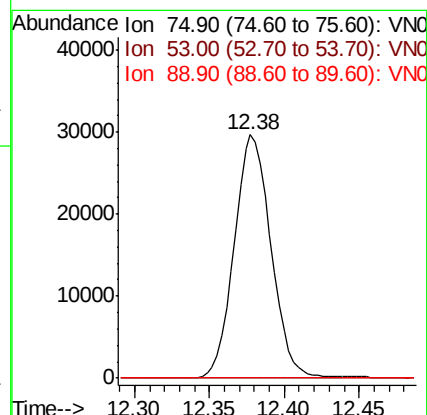
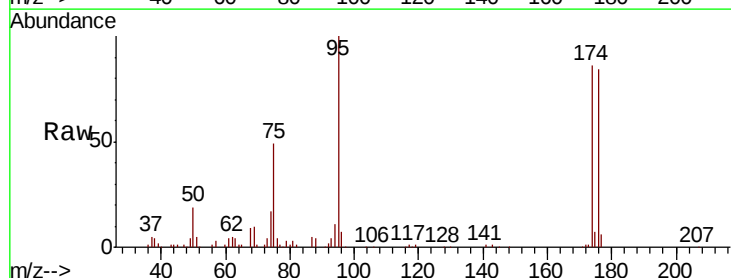
Tgt Ion: 75 Resp: 50726

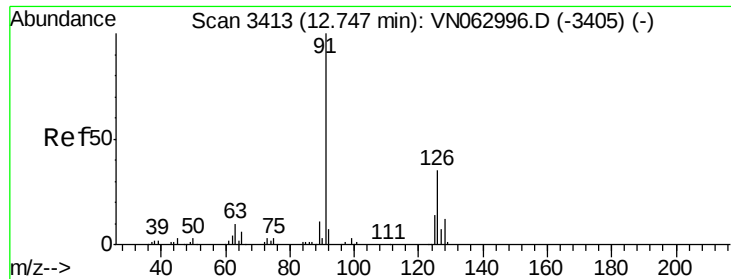
Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

89 0.0 34.2 51.4#





#82

4-Chlorotoluene

Concen: 0.624 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

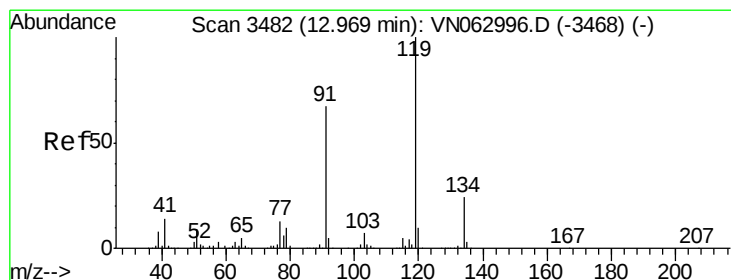
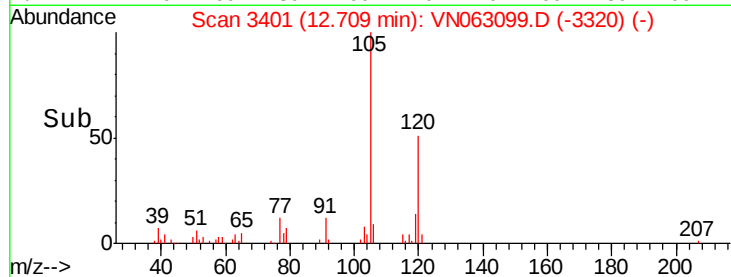
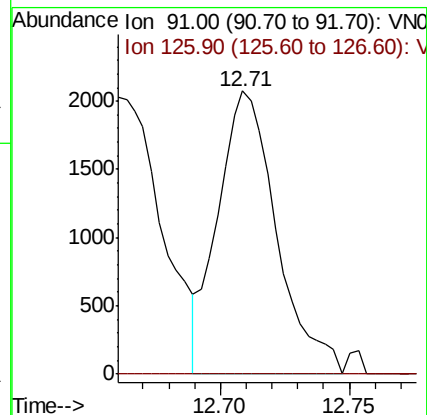
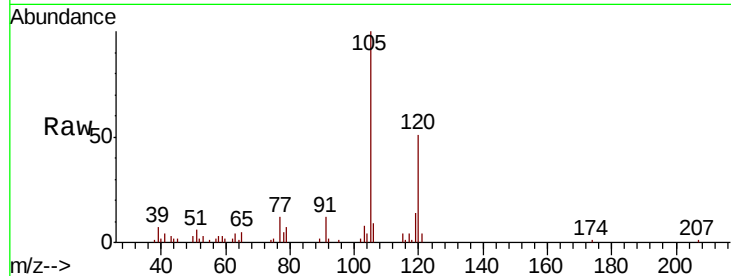
DRUM-1

Tot Ion: 91 Resp: 3280

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#



#83

tert-Butylbenzene

Concen: 3.316 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

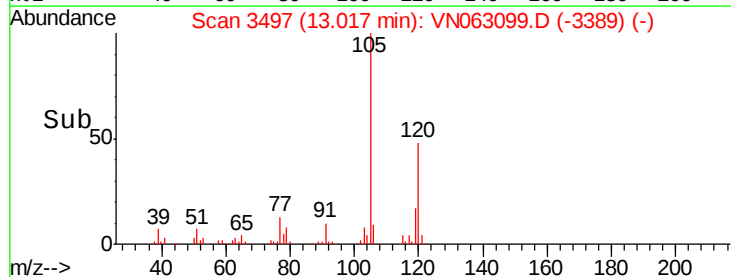
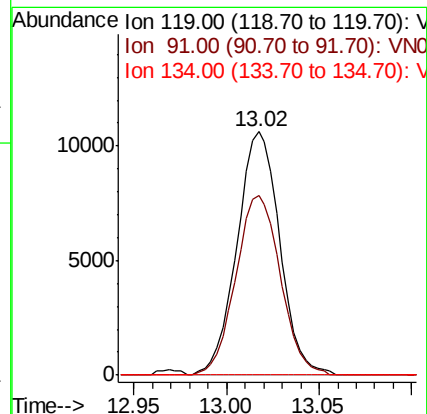
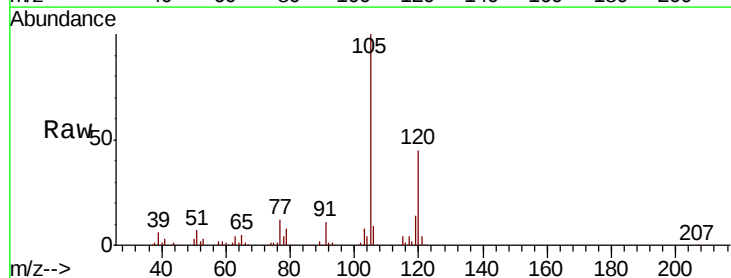
Tgt Ion: 119 Resp: 17026

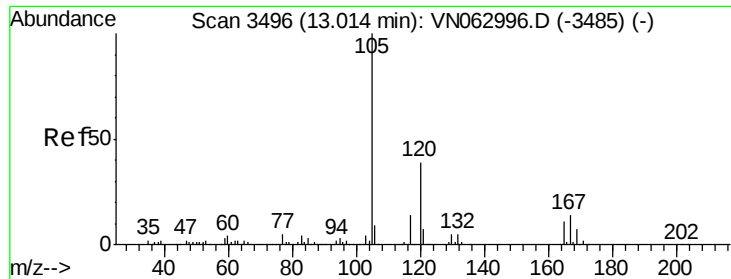
Ion Ratio Lower Upper

119 100

91 77.1 32.5 97.4

134 0.0 13.1 39.3#

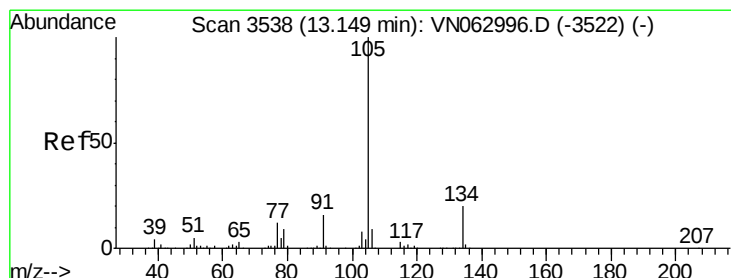
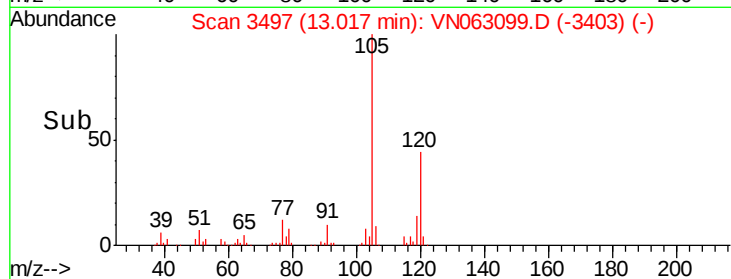
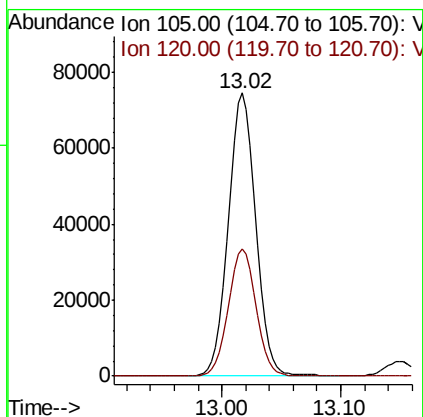
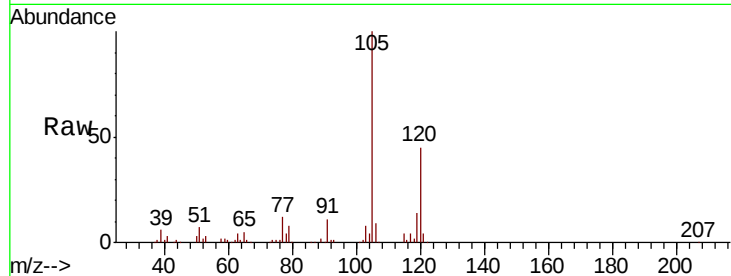




#84
 1,2,4-Trimethylbenzene
 Concen: 20.561 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

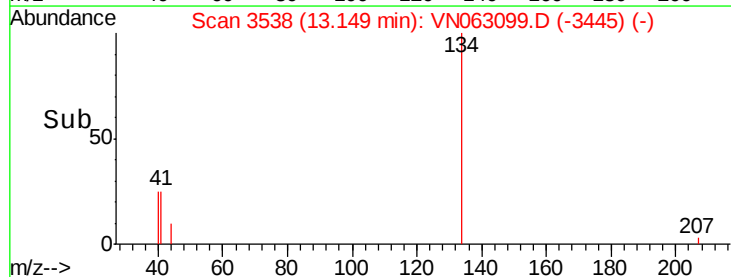
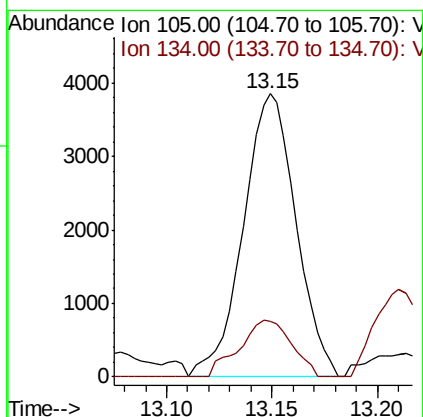
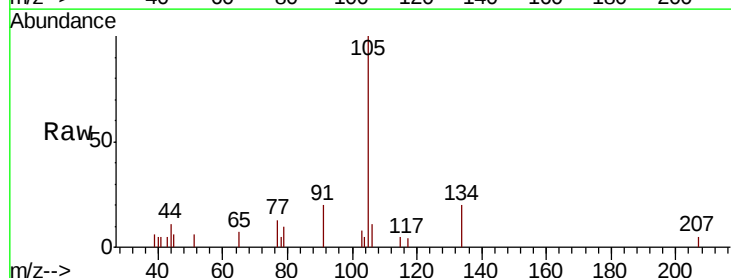
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

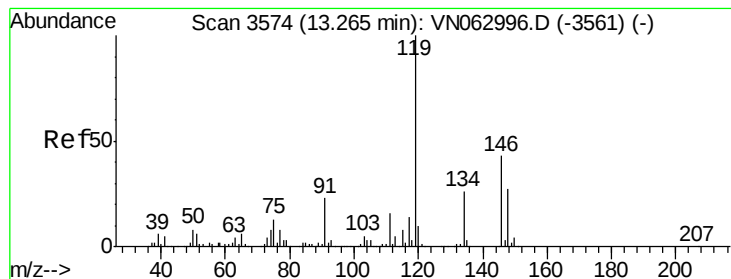
Tot Ion:105 Resp: 119160
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 0.965 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Tgt Ion:105 Resp: 6699
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.607 ug/l

RT: 13.27 min Scan# 3575

Delta R.T. 0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

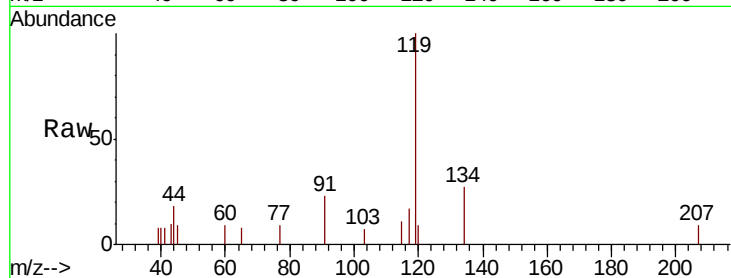
Tot Ion: 119 Resp: 3668

Ion Ratio Lower Upper

119 100

134 24.4 13.1 39.3

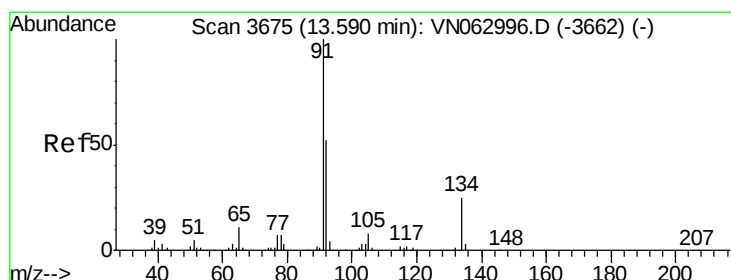
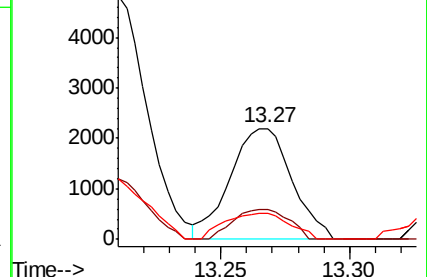
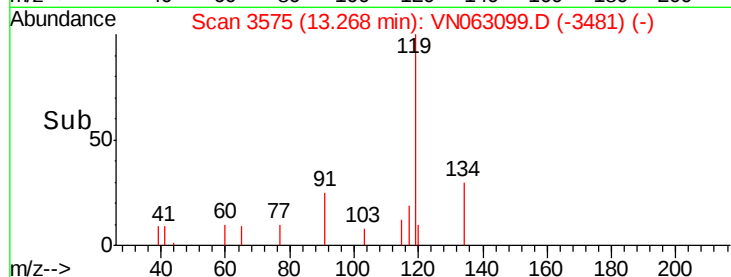
91 24.6 11.5 34.4



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: 3.652 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

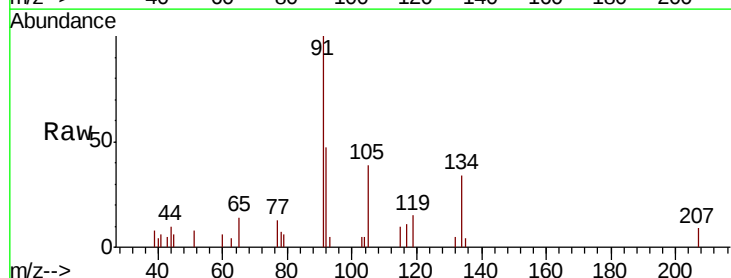
Tgt Ion: 91 Resp: 5345

Ion Ratio Lower Upper

91 100

92 63.6 25.9 77.6

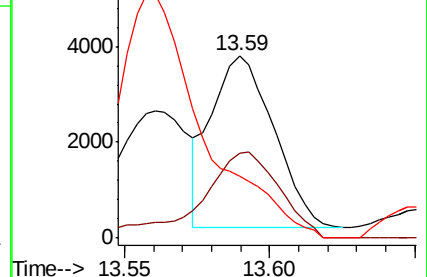
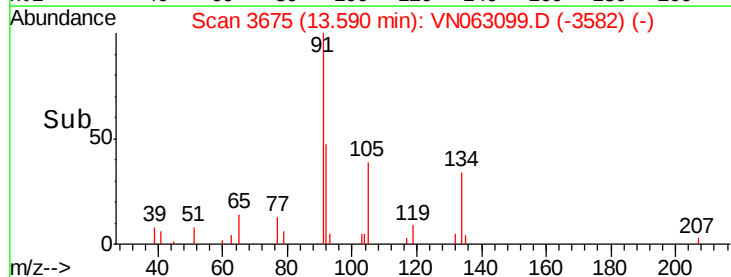
134 0.0 12.4 37.0#

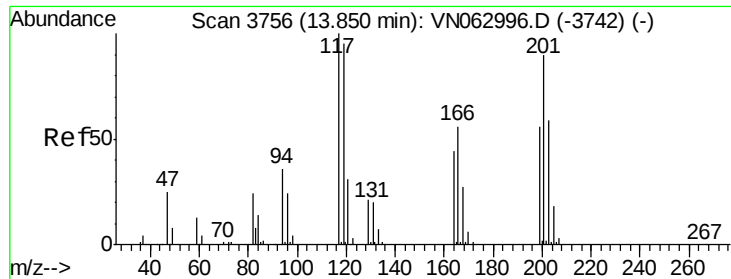


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.313 ug/l

RT: 13.87 min Scan# 3761

Delta R.T. 0.02 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

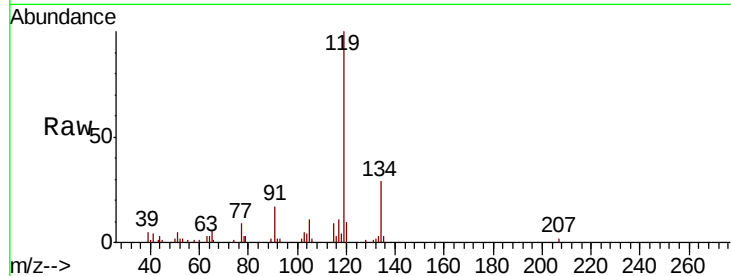
DRUM-1

Tot Ion:117 Resp: 2972

Ion Ratio Lower Upper

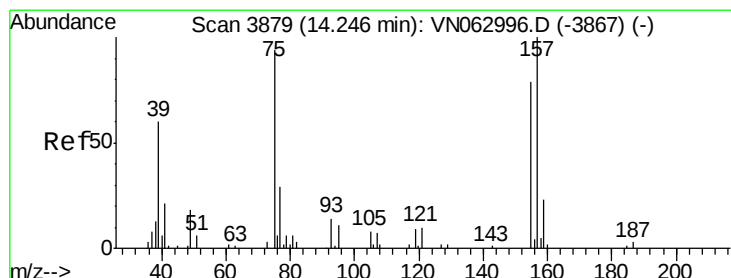
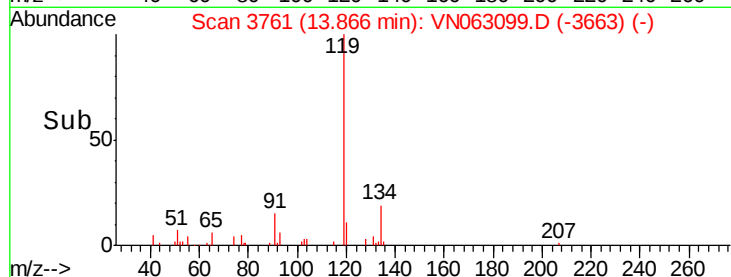
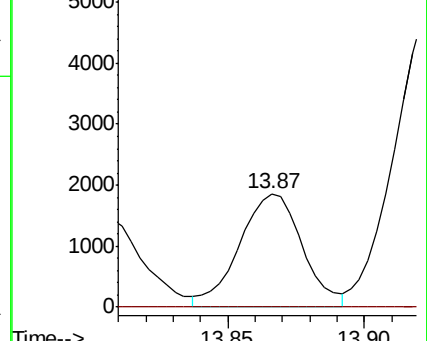
117 100

201 0.0 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.367 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

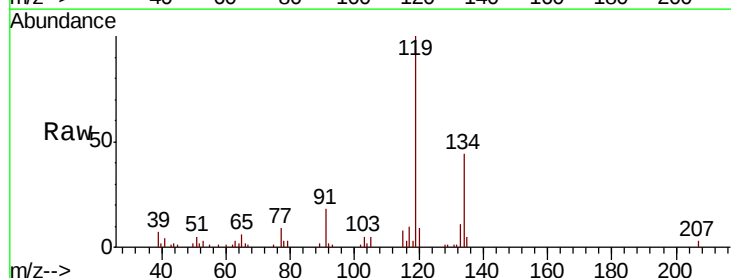
Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

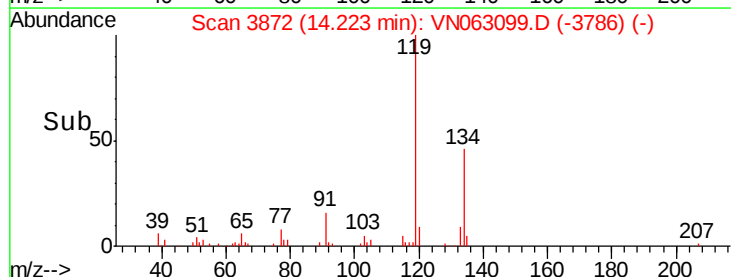
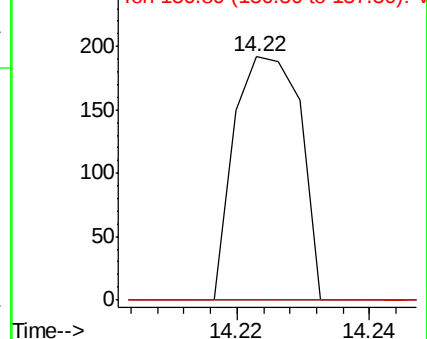
157 0.0 55.2 165.6#

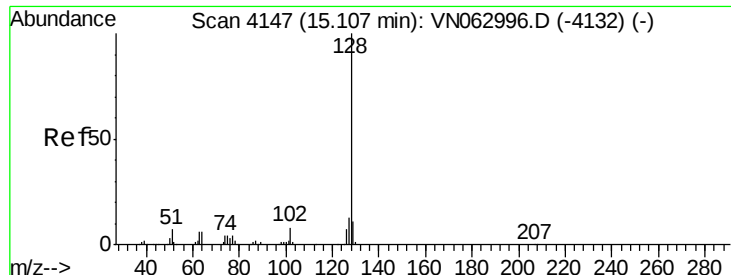


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

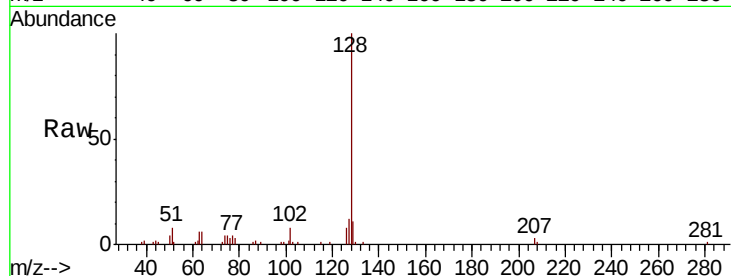




#95
Naphthalene
Concen: 16.315 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.8	8.9	13.3



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

