

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061169.D
 Acq On : 28 Apr 2020 17:36
 Operator : JC/MD
 Sample : L2420-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

Quant Time: Apr 29 07:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	75710	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	7.55	113	49650	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	10.06	98	213537	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	79323	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	3412	16.710	ug/l #	77
16) Acetone	3.77	43	31456	48.916	ug/l	96
17) Carbon Disulfide	4.01	76	1207	0.430	ug/l #	75
18) Methyl Acetate	4.28	43	1924	1.665	ug/l #	55
20) Methylene Chloride	4.50	84	2174	1.829	ug/l	92
25) 2-Butanone	6.79	43	5224	5.792	ug/l	98
29) Tetrahydrofuran	7.16	42	239	0.393	ug/l #	37
31) Cyclohexane	7.62	56	2862	1.291	ug/l #	32
36) 1,1-Dichloropropene	7.63	75	8593	5.046	ug/l #	50
37) Ethyl Acetate	6.79	43	5224	2.617	ug/l #	73
38) Carbon Tetrachloride	7.63	117	10279	7.548	ug/l #	16
40) Benzene	8.00	78	1025	0.202	ug/l #	52
43) Isopropyl Acetate	8.13	43	27644	8.343	ug/l #	91
45) 1,2-Dichloropropane	9.23	63	333	0.246	ug/l #	44
48) Methyl methacrylate	9.14	41	3153	2.109	ug/l #	38
51) 4-Methyl-2-Pentanone	9.95	43	4851	2.487	ug/l #	87
52) Toluene	10.13	92	679	0.222	ug/l	78
54) cis-1,3-Dichloropropene	9.87	75	4910	2.288	ug/l #	64
56) Ethyl methacrylate	10.19	69	1154	3.241	ug/l #	88
57) 1,3-Dichloropropane	10.73	76	646	0.302	ug/l #	43
59) 2-Hexanone	10.74	43	13584	9.574	ug/l #	58
67) Ethyl Benzene	11.48	91	1511	0.247	ug/l	100
68) m/p-Xylenes	11.59	106	2286	1.020	ug/l	93
69) o-Xylene	11.92	106	1058	0.491	ug/l	82
76) 1,2,3-Trichloropropane	12.38	75	44248	28.458	ug/l #	100
79) 2-Chlorotoluene	12.75	91	1025	0.271	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	1342	0.299	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.38	75	44248	72.268	ug/l #	8
82) 4-Chlorotoluene	12.75	91	1025	0.257	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	3601	0.779	ug/l	90
86) p-Isopropyltoluene	13.26	119	931	0.200	ug/l #	71
87) 1,3-Dichlorobenzene	13.26	146	734	0.319	ug/l	88
88) 1,4-Dichlorobenzene	13.26	146	734	0.312	ug/l	88
89) n-Butylbenzene	13.59	91	1743	0.409	ug/l	95

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QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration

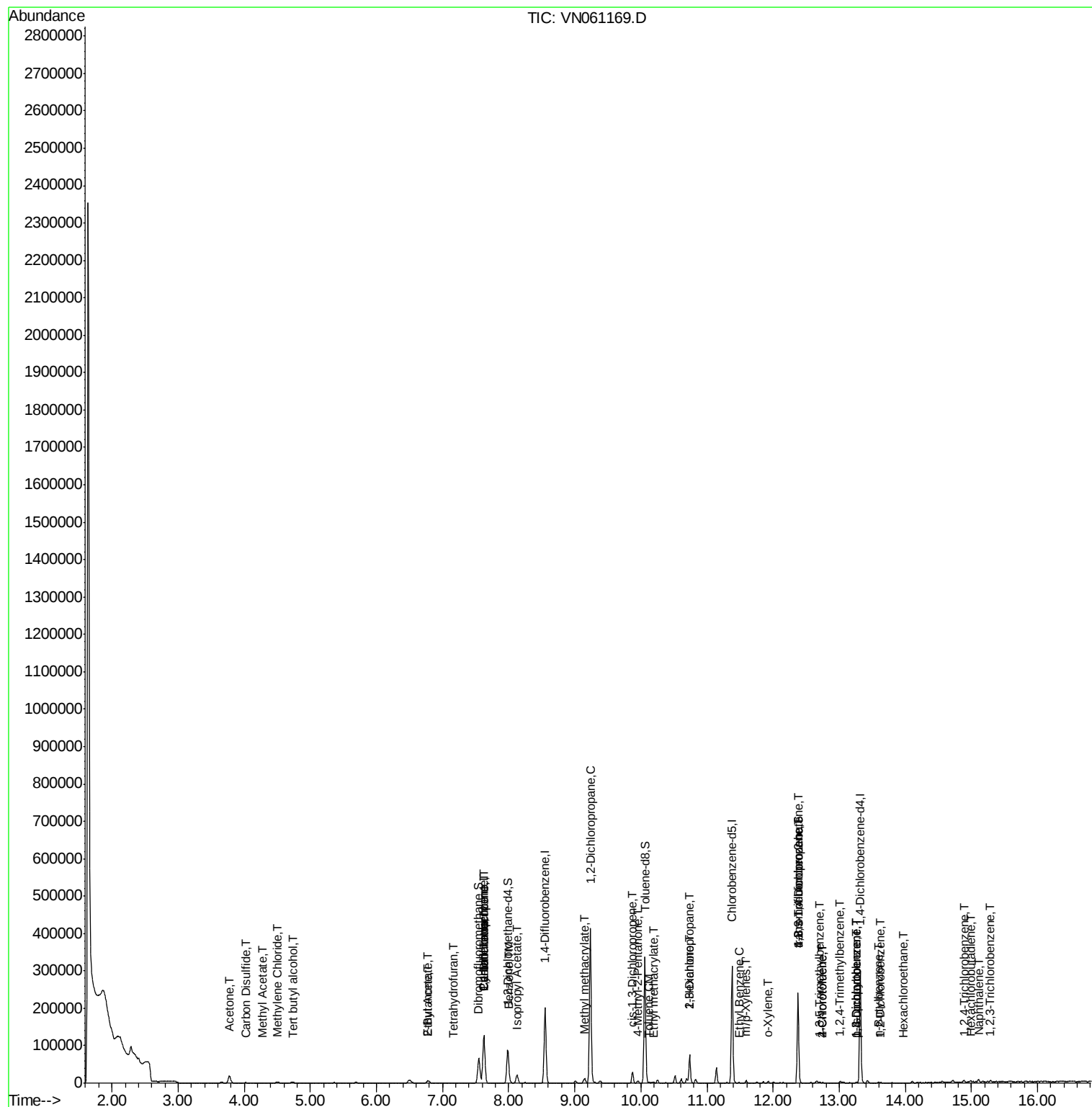
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.97	117	245	8.054	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	672	0.304	ug/l #	63
93) 1,2,4-Trichlorobenzene	14.89	180	1254	0.932	ug/l	93
94) Hexachlorobutadiene	14.98	225	854	1.519	ug/l	78
95) Naphthalene	15.11	128	5242	1.196	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	1398	1.053	ug/l	97

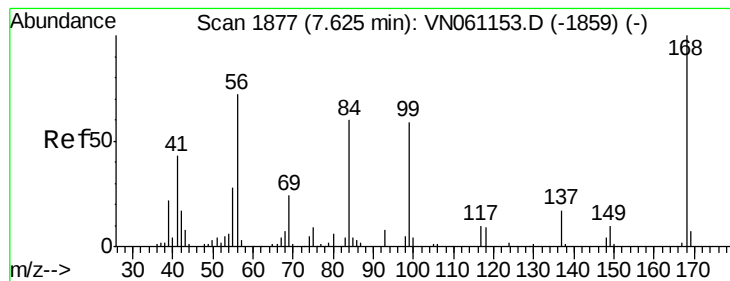
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

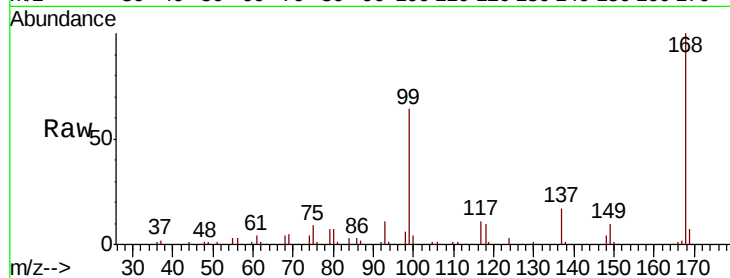
DRUMS-C-1-4

Tot Ion:168 Resp: 96332

Ion Ratio Lower Upper

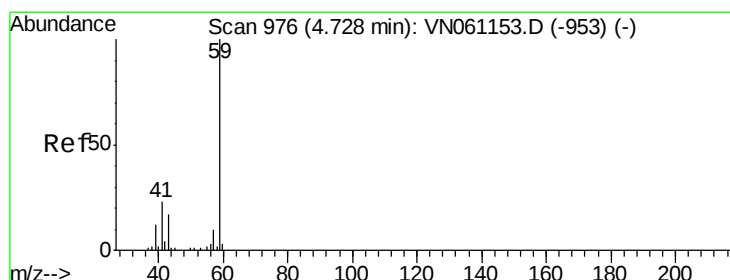
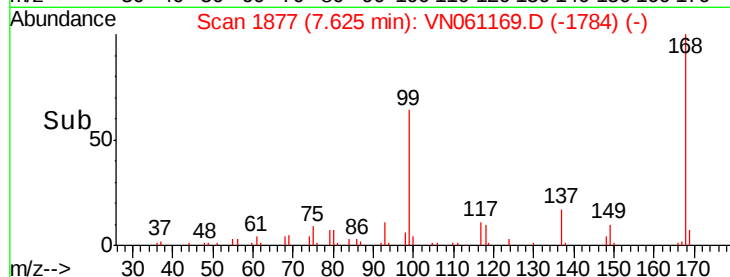
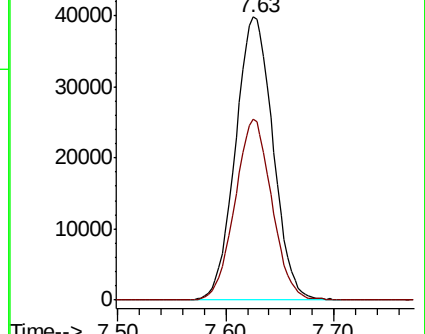
168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 16.710 ug/l

RT: 4.74 min Scan# 979

Delta R.T. 0.01 min

Lab File: VN061169.D

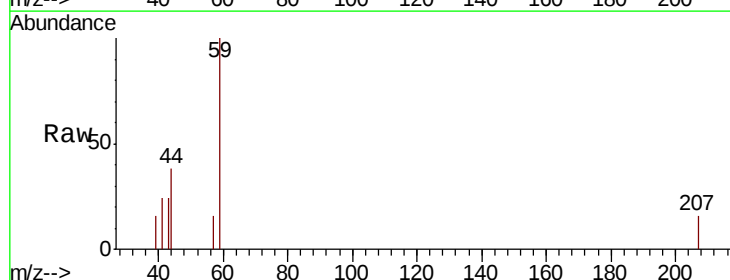
Acq: 28 Apr 2020 17:36

Tgt Ion: 59 Resp: 3412

Ion Ratio Lower Upper

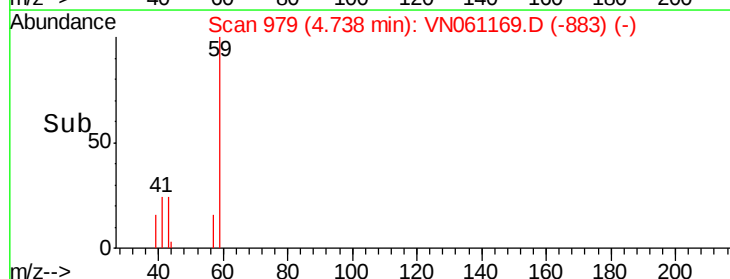
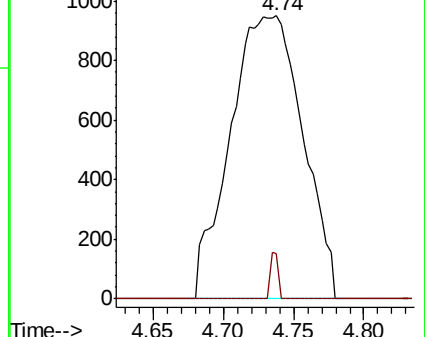
59 100

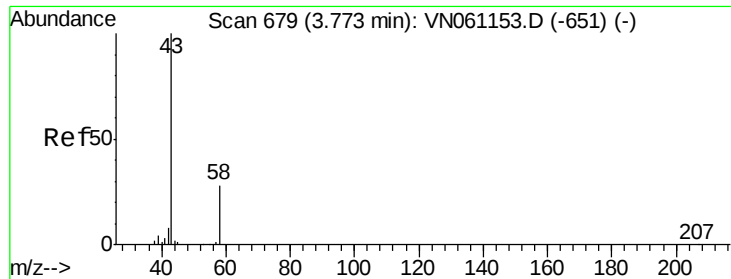
57 1.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 48.916 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

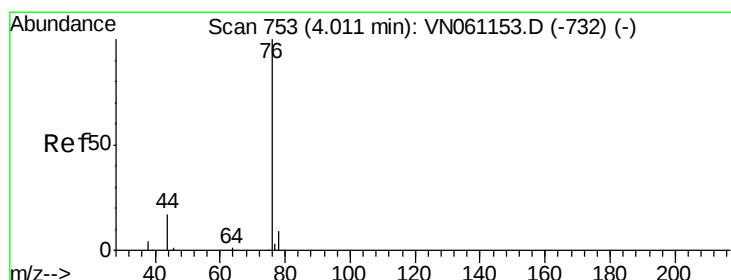
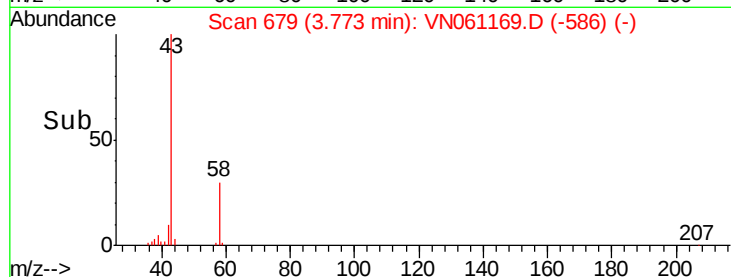
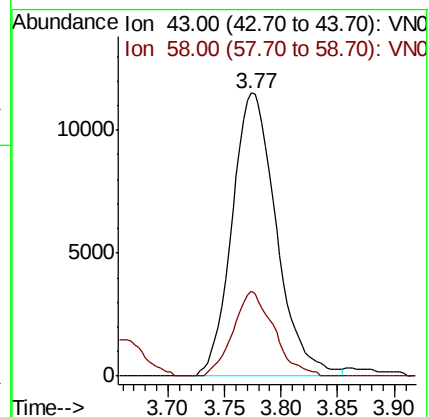
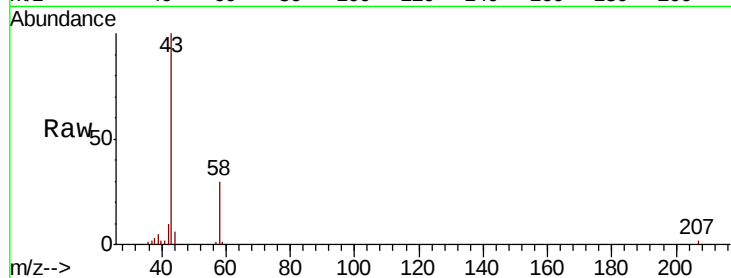
DRUMS-C-1-4

Tot Ion: 43 Resp: 31456

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2



#17

Carbon Disulfide

Concen: 0.430 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061169.D

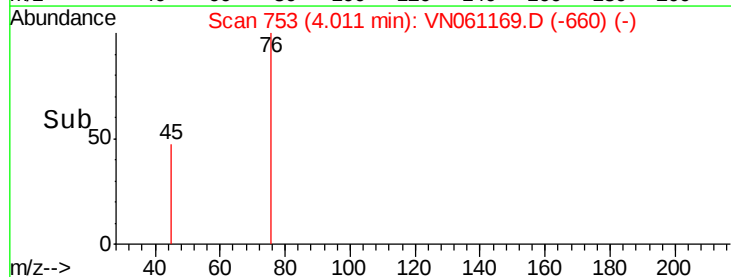
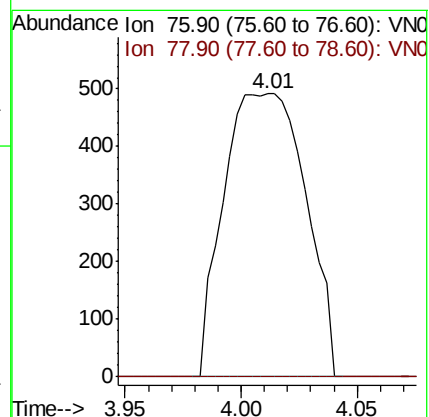
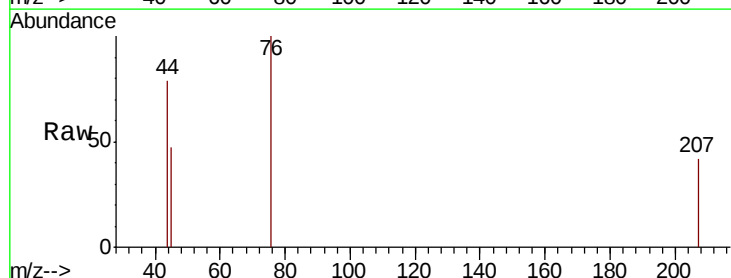
Acq: 28 Apr 2020 17:36

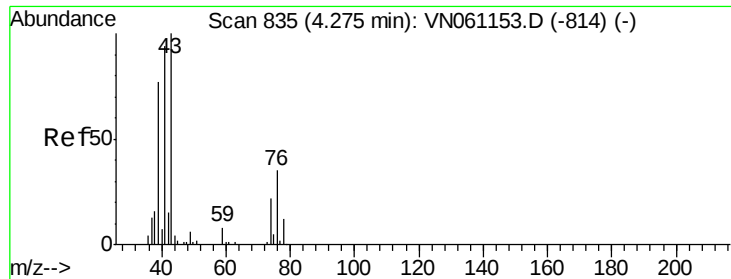
Tgt Ion: 76 Resp: 1207

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

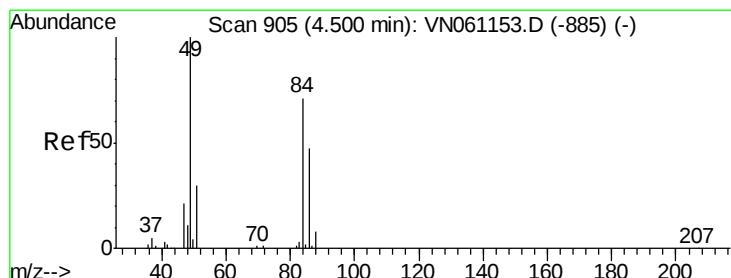
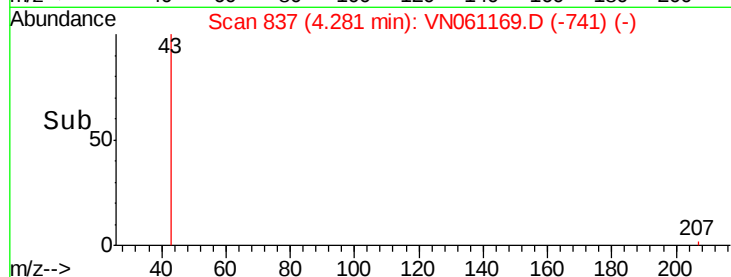
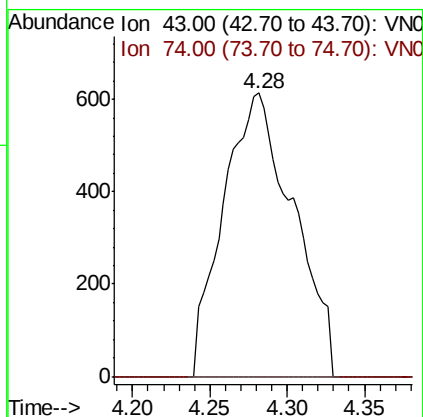
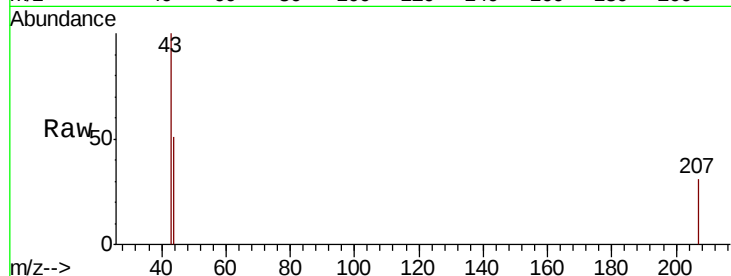




#18
Methvl Acetate
Concen: 1.665 ug/l
RT: 4.28 min Scan# 837
Delta R.T. 0.01 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

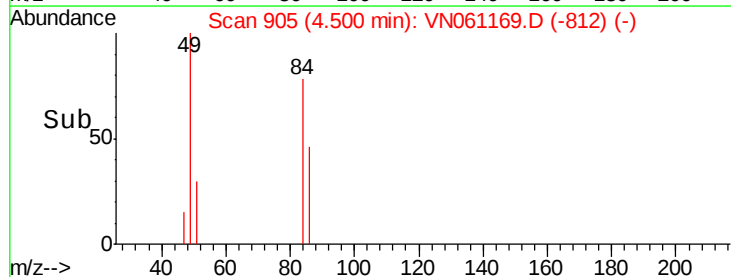
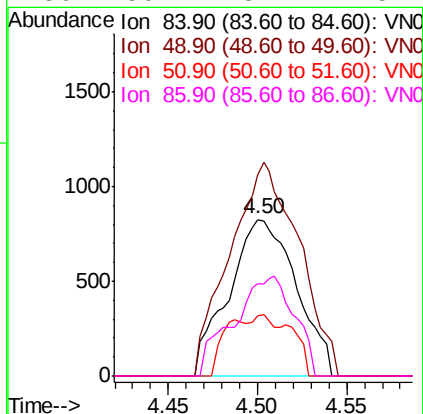
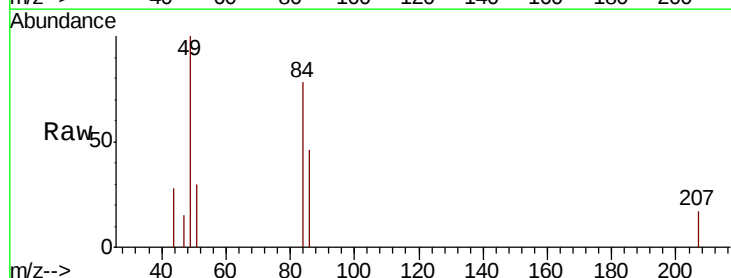
Instrument :
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DRUMS-C-1-4

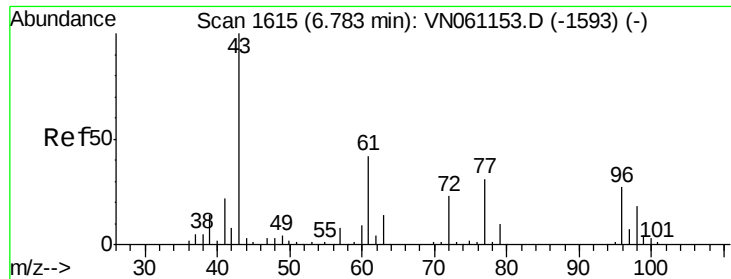
Tot Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 1.829 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 84 Resp: 2174
Ion Ratio Lower Upper
84 100
49 128.3 112.0 168.0
51 38.3 33.6 50.4
86 59.1 52.1 78.1

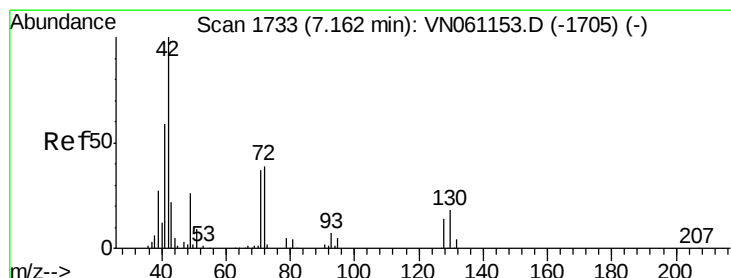
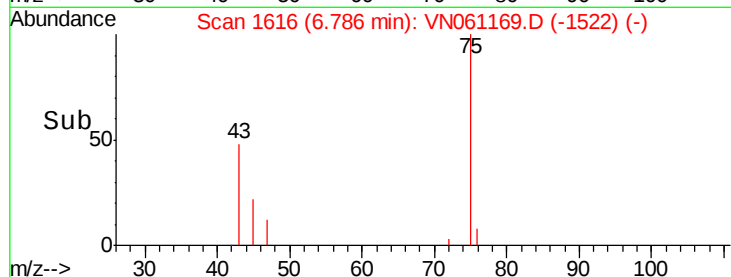
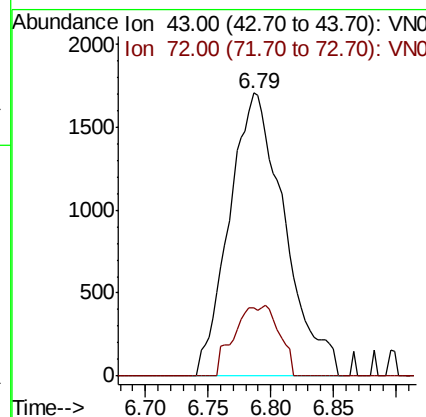
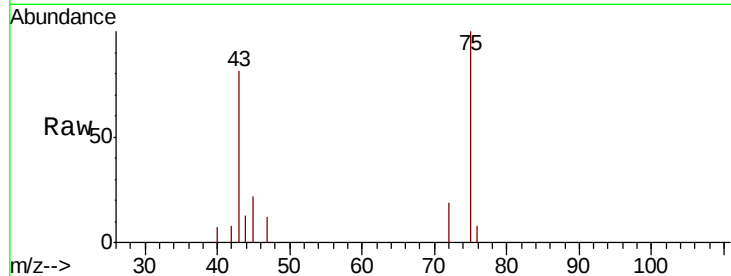




#25
2-Butanone
Concen: 5.792 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

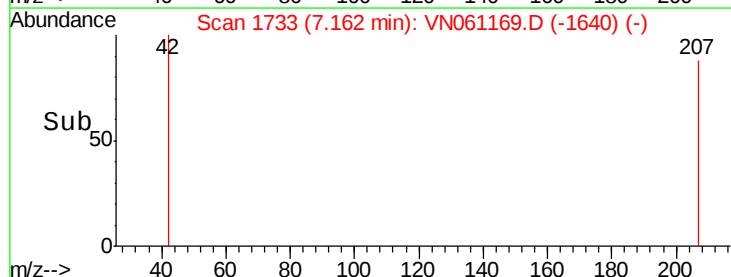
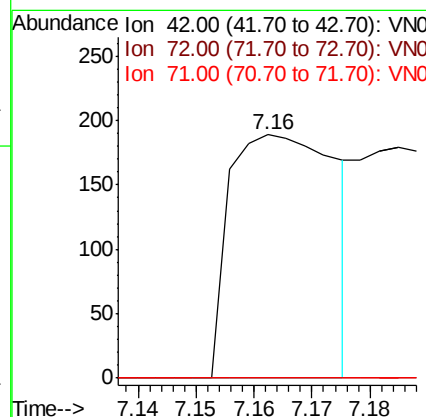
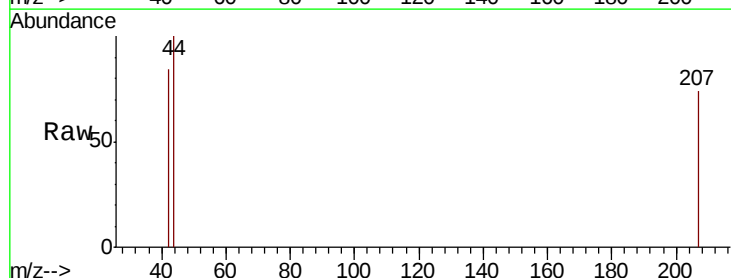
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DRUMS-C-1-4

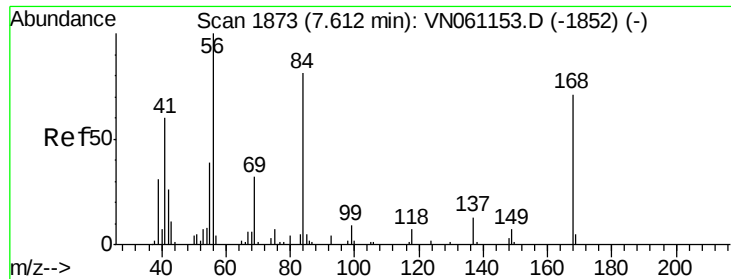
Tot Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
72 24.0 18.2 27.4



#29
Tetrahydrofuran
Concen: 0.393 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

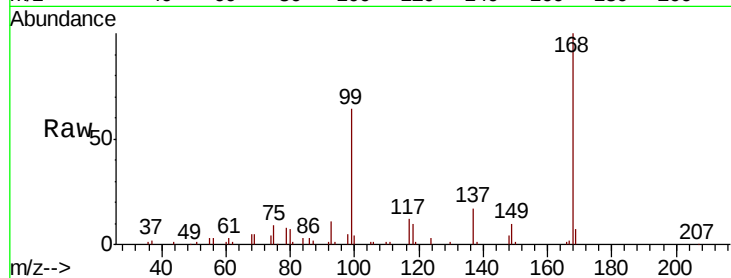




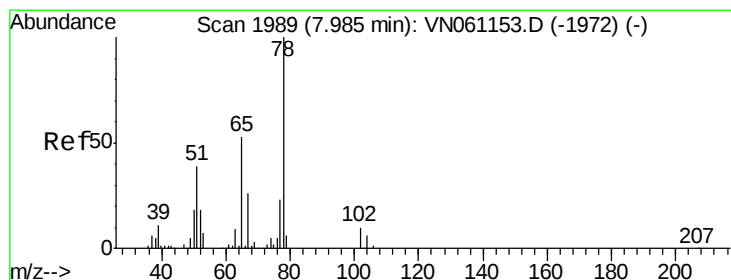
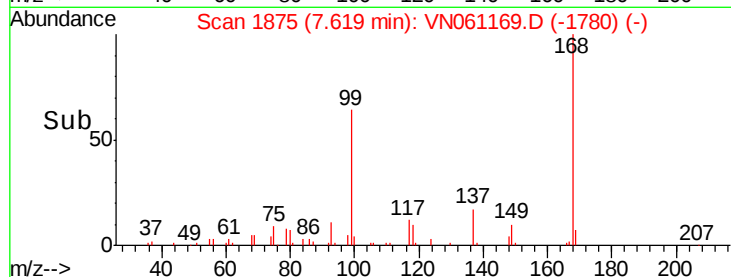
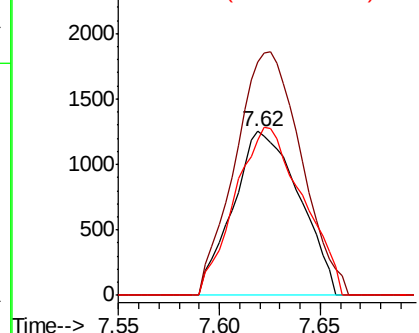
#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

Tot Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 142.5 25.7 38.5#
84 95.0 64.6 97.0

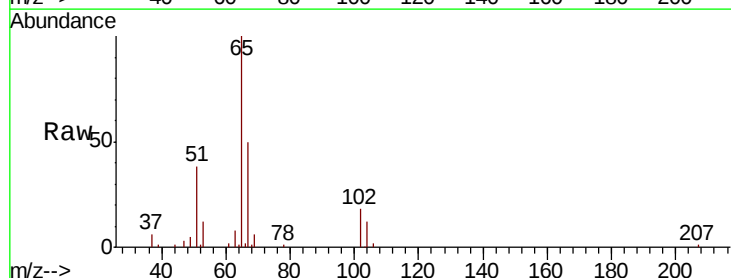


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

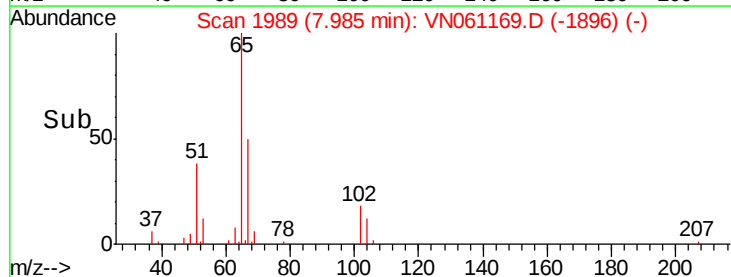
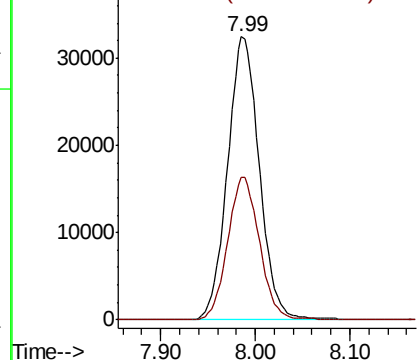


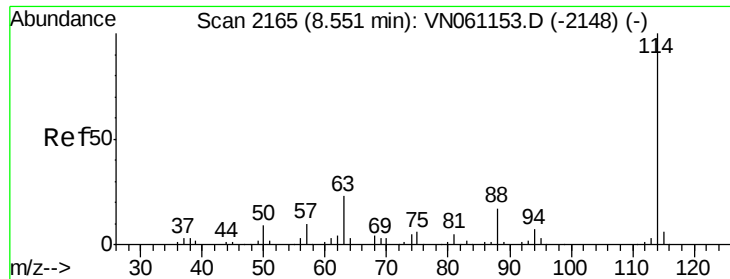
#33
1,2-Dichloroethane-d4
Concen: 49.670 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 65 Resp: 75710
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6



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

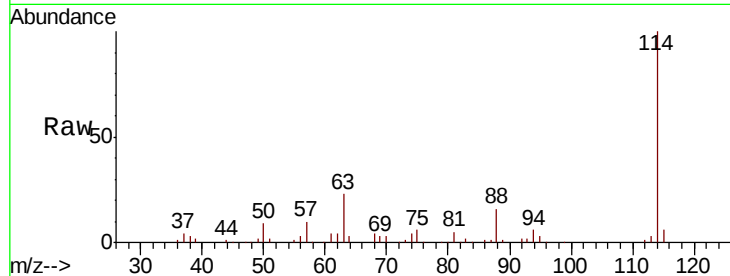




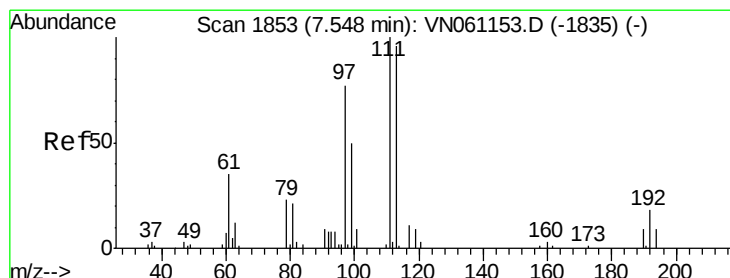
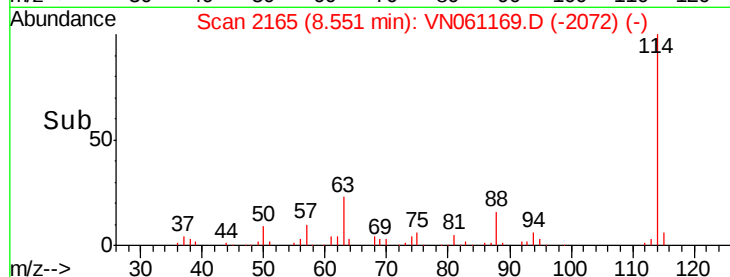
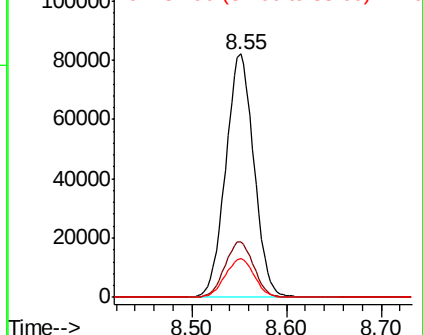
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Instrument :
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 DRUMS-C-1-4

Tot Ion:114 Resp: 170120
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.6
 88 15.9 0.0 33.4

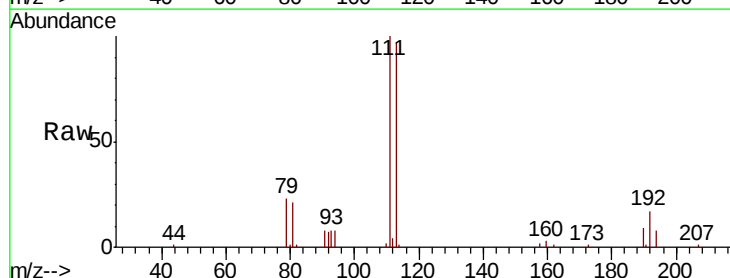


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

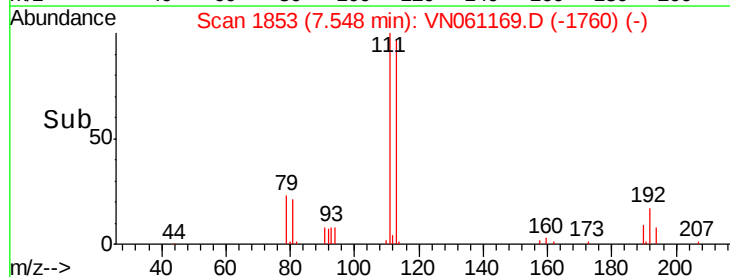
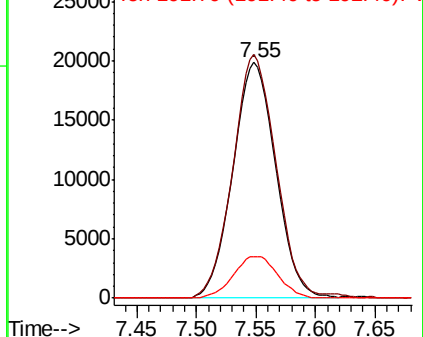


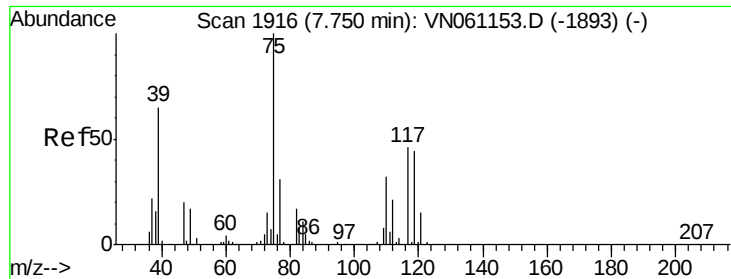
#35
 Dibromofluoromethane
 Concen: 49.356 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion:113 Resp: 49650
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 18.1 14.7 22.1



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

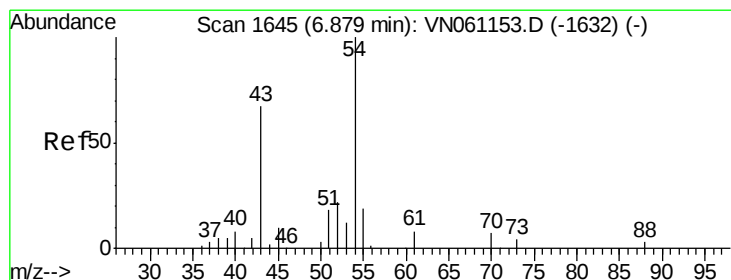
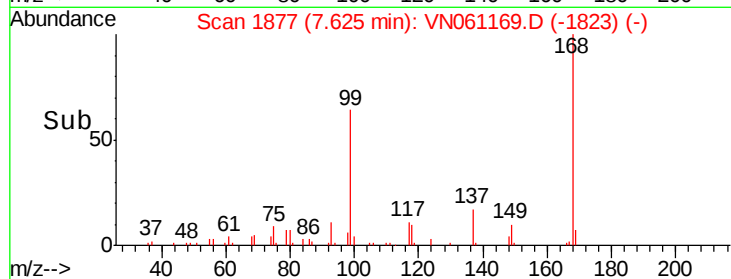
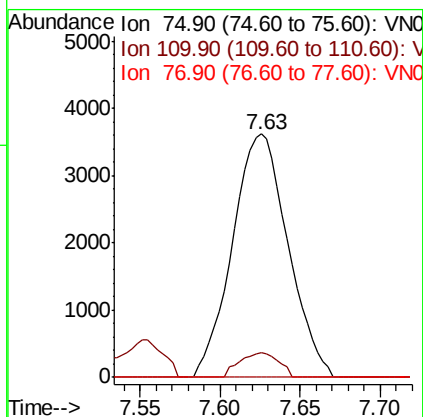
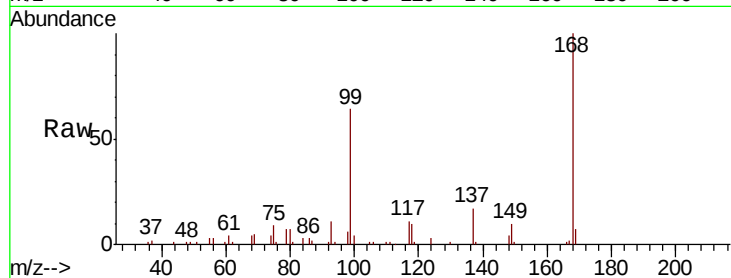




#36
 1,1-Dichloropropene
 Concen: 5.046 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

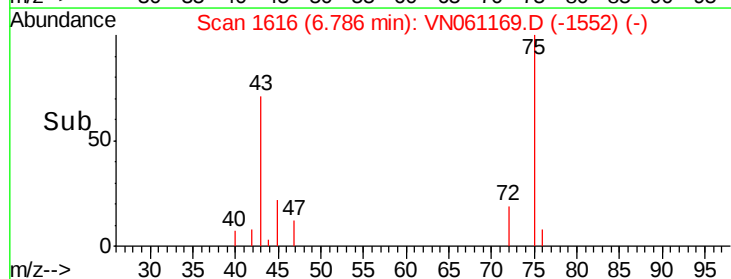
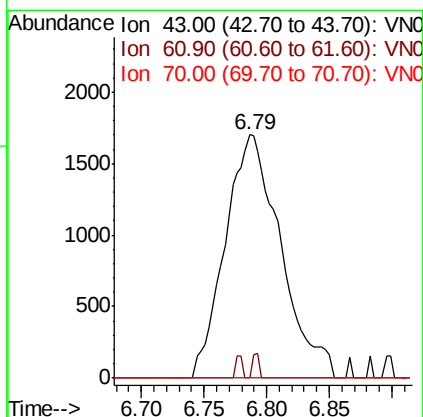
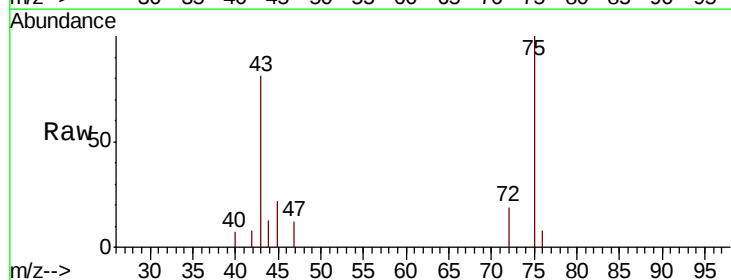
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

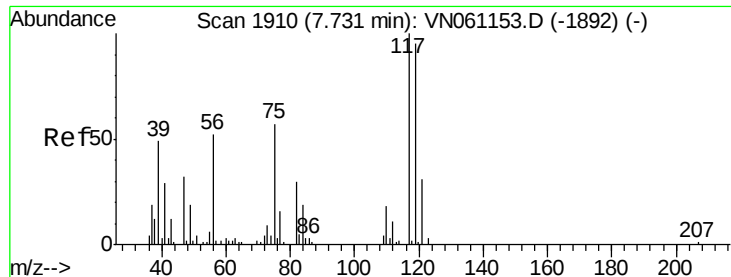
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.0	48.0#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 2.617 ug/l
 RT: 6.79 min Scan# 1616
 Delta R.T. -0.09 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.2	10.2	15.2#
70	0.0	7.2	10.8#

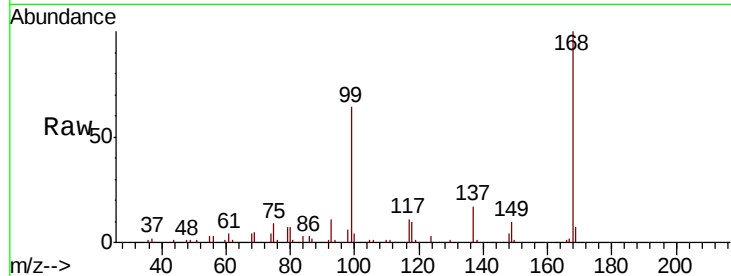




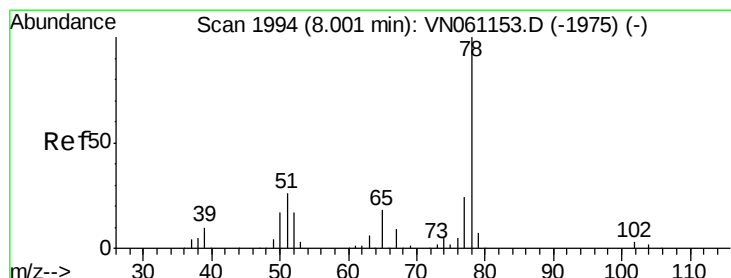
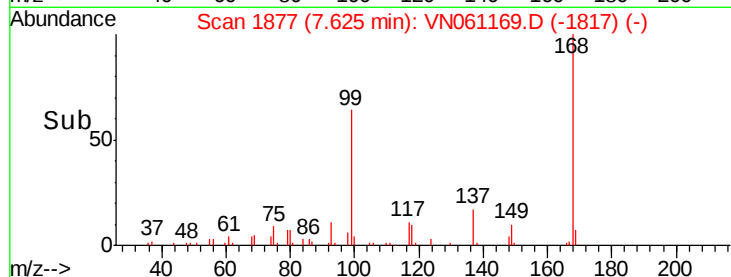
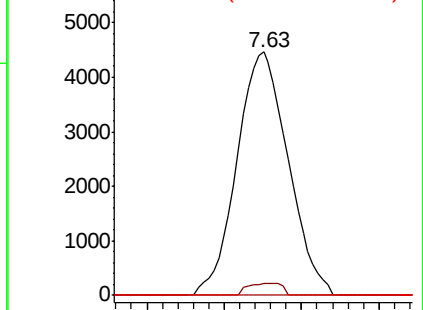
#38
Carbon Tetrachloride
Concen: 7.548 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

Tot Ion:117 Resp: 10279
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.7 37.1#

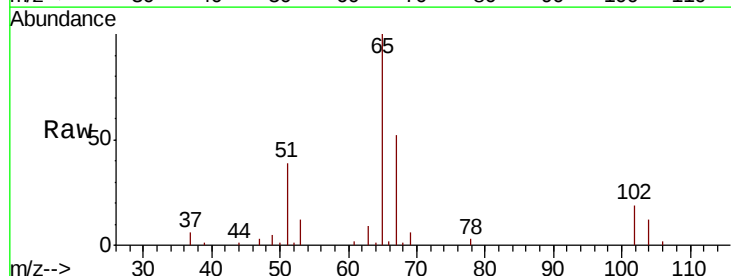


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

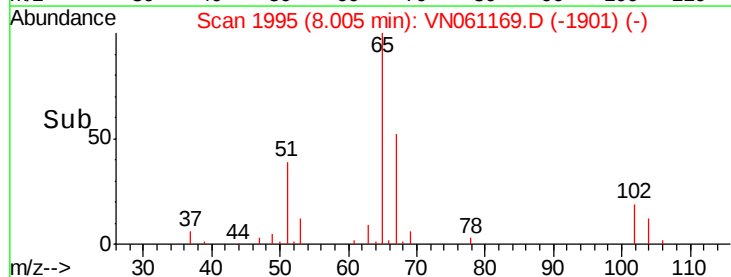
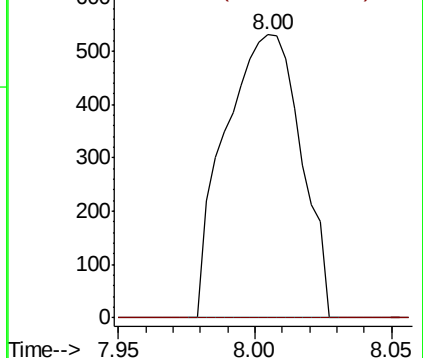


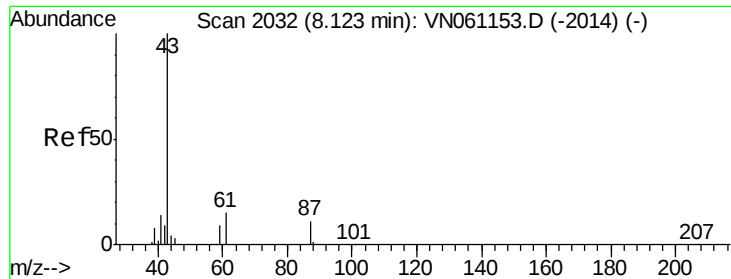
#40
Benzene
Concen: 0.202 ug/l
RT: 8.00 min Scan# 1995
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 78 Resp: 1025
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#



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





#43

Isopropyl Acetate

Concen: 8.343 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

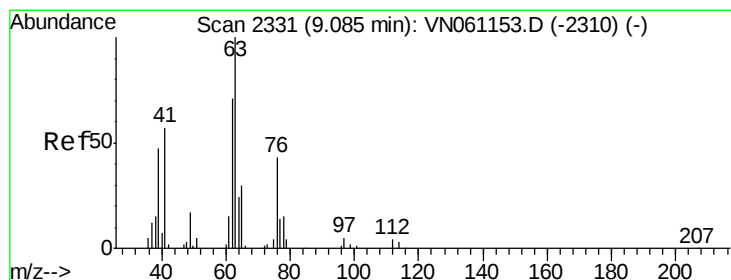
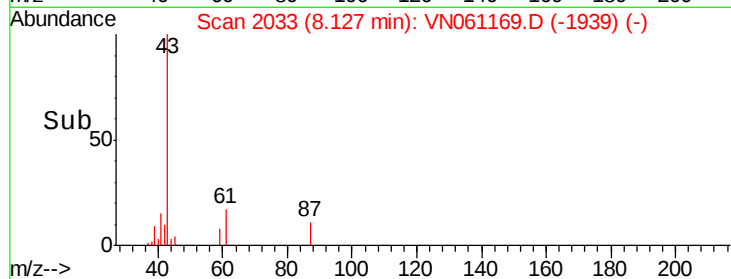
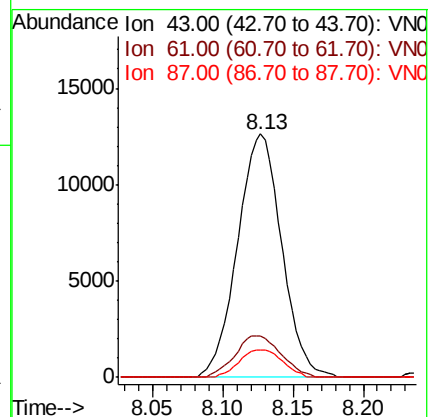
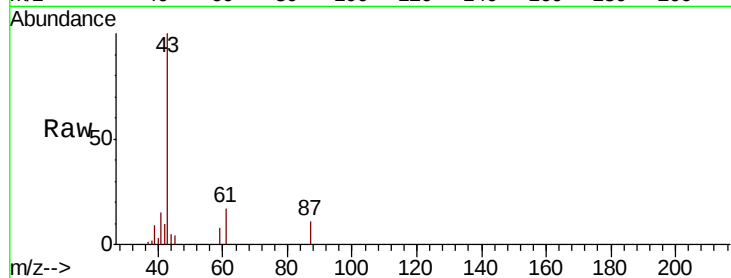
Tot Ion: 43 Resp: 27644

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

87 11.1 8.9 13.3



#45

1,2-Dichloropropane

Concen: 0.246 ug/l

RT: 9.23 min Scan# 2375

Delta R.T. 0.14 min

Lab File: VN061169.D

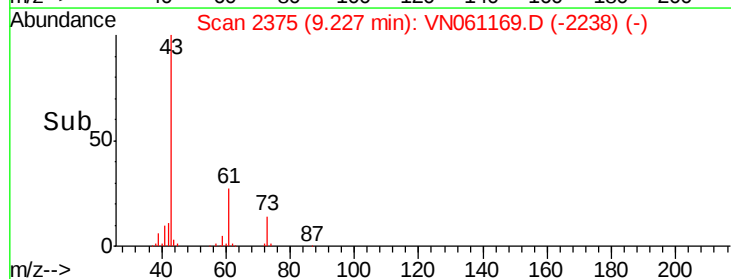
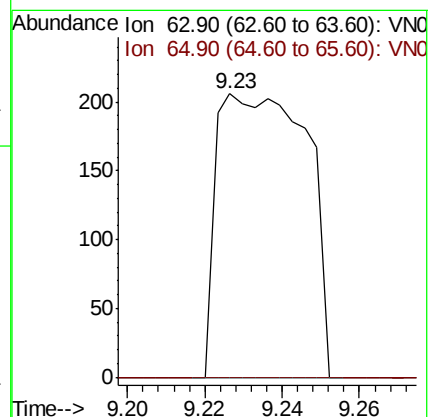
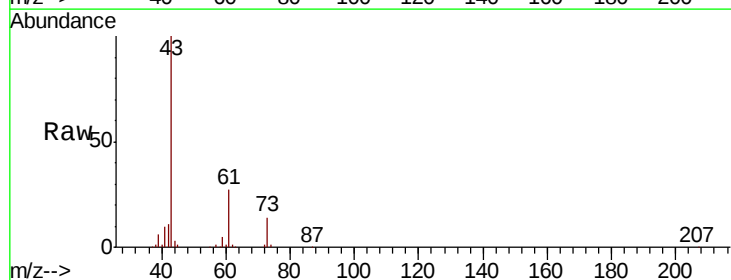
Acq: 28 Apr 2020 17:36

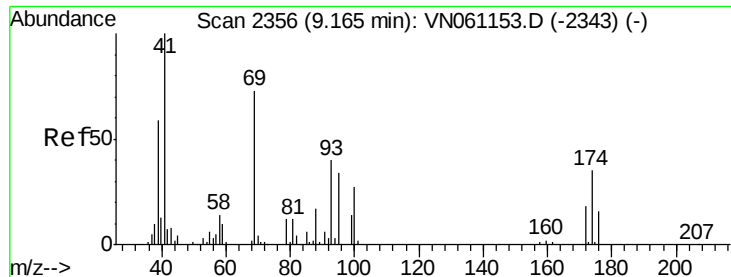
Tgt Ion: 63 Resp: 333

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#

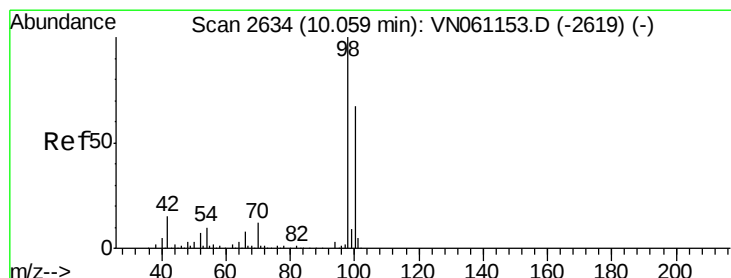
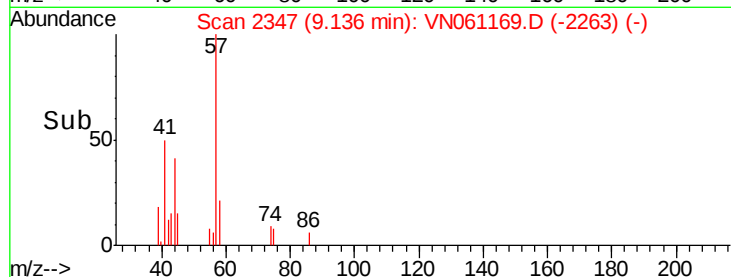
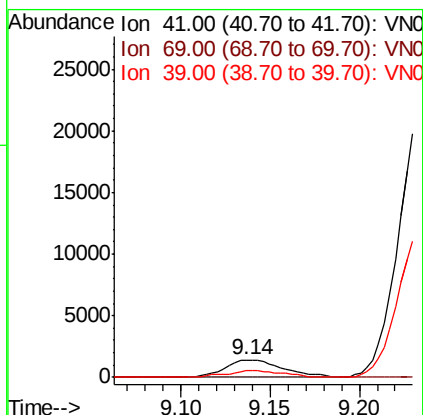
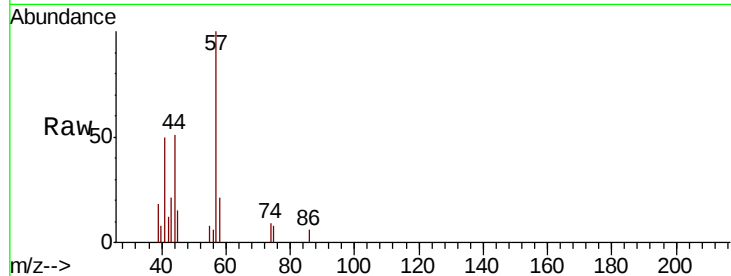




#48
Methvl methacrylate
Concen: 2.109 ug/l
RT: 9.14 min Scan# 2347
Delta R.T. -0.03 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

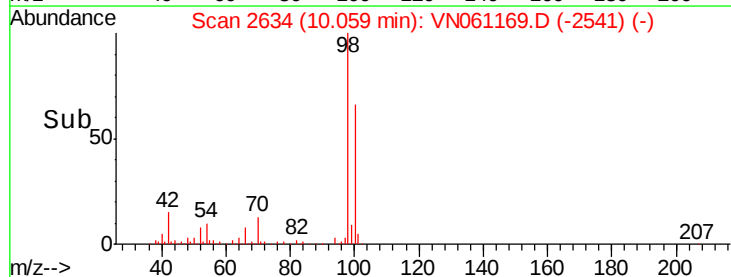
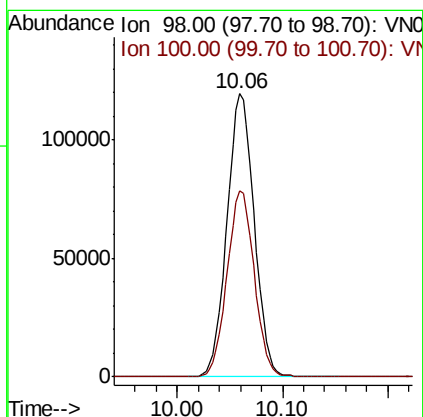
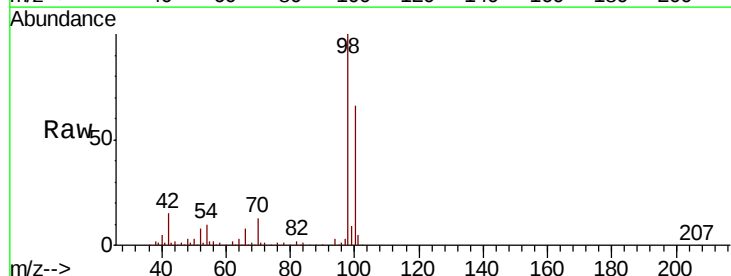
Instrument :
MSVOA_N
ClientSampled :
DRUMS-C-1-4

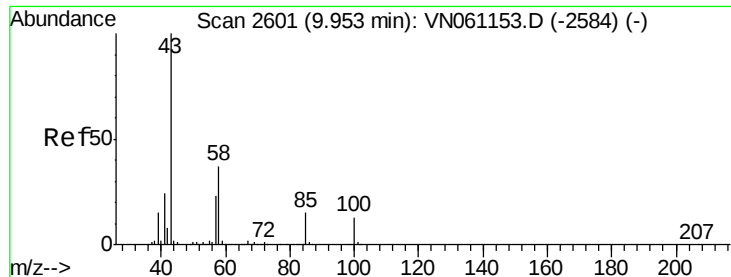
Tot Ion: 41 Resp: 3153
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 37.6 47.4 71.0#



#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 98 Resp: 213537
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

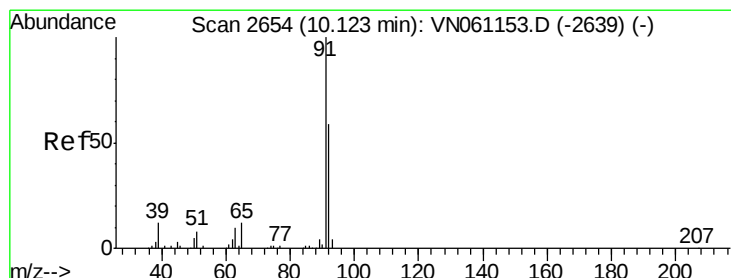
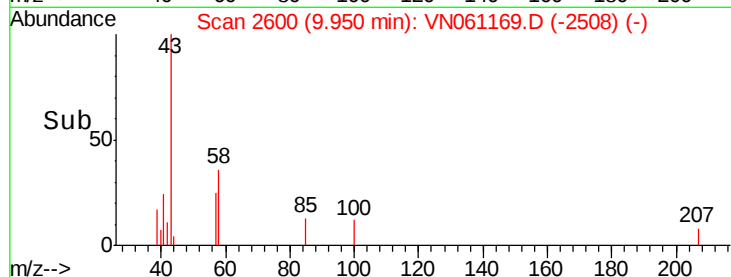
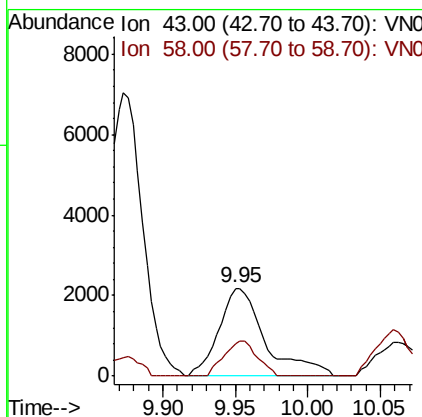
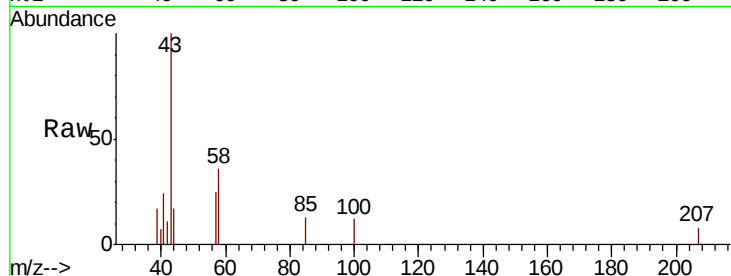




#51
 4-Methyl-2-Pentanone
 Concen: 2.487 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

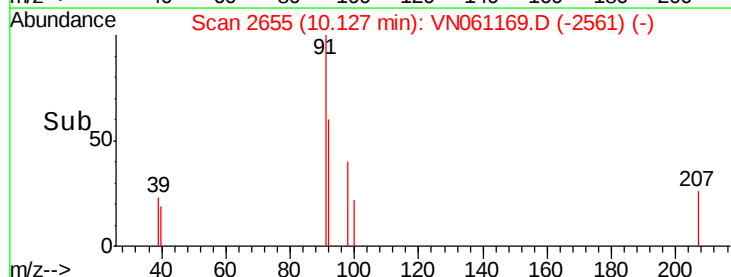
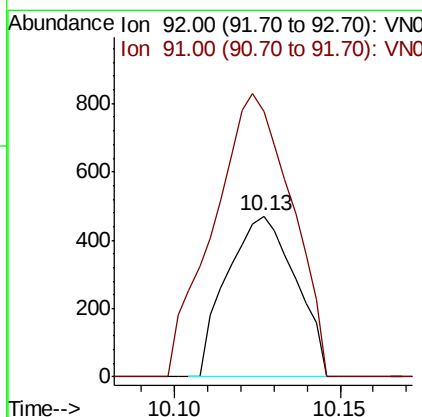
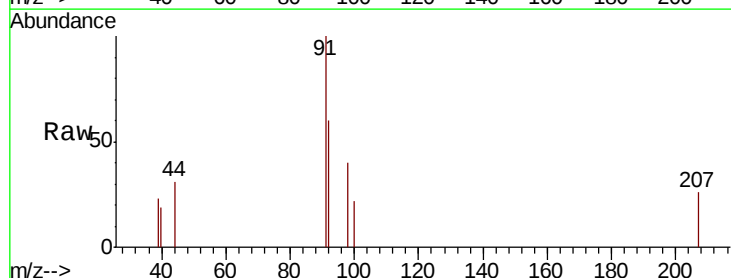
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

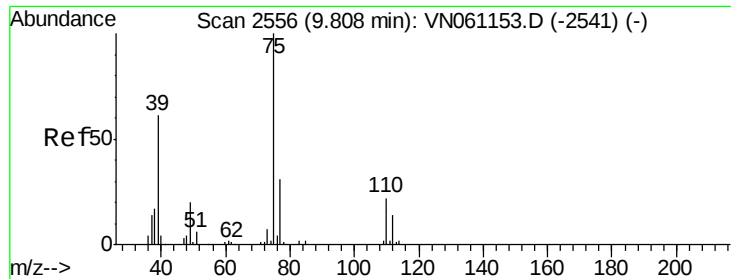
Tot Ion: 43 Resp: 4851
 Ion Ratio Lower Upper
 43 100
 58 28.7 29.1 43.7#



#52
 Toluene
 Concen: 0.222 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion: 92 Resp: 679
 Ion Ratio Lower Upper
 92 100
 91 199.9 136.2 204.2

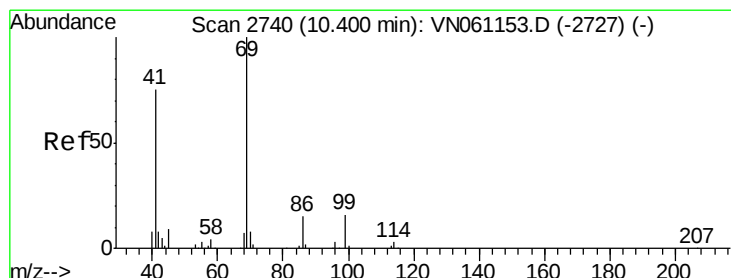
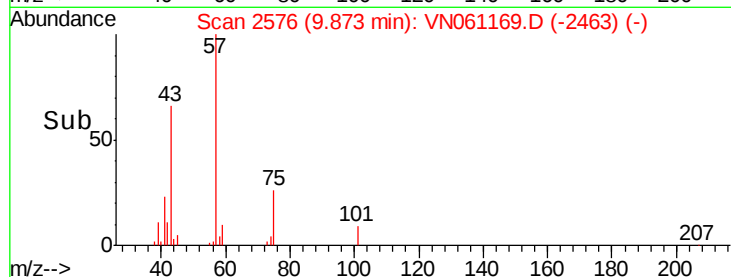
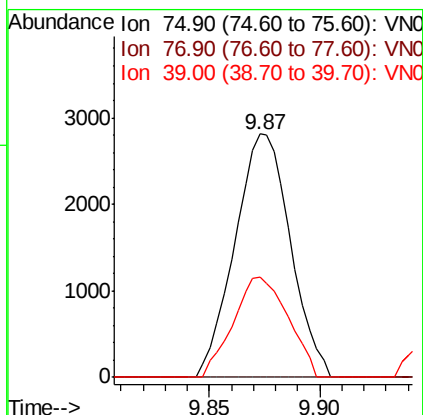
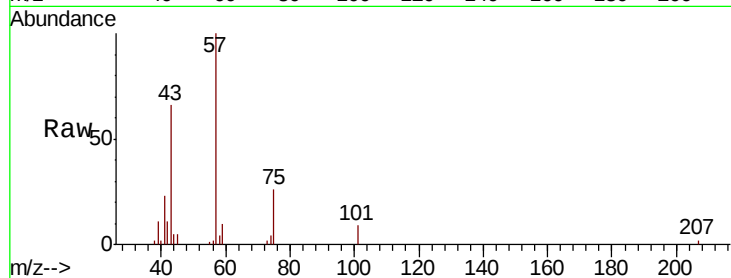




#54
 cis-1,3-Dichloropropene
 Concen: 2.288 ug/l
 RT: 9.87 min Scan# 2576
 Delta R.T. 0.06 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

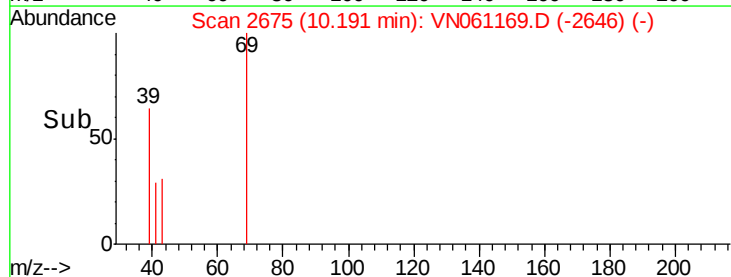
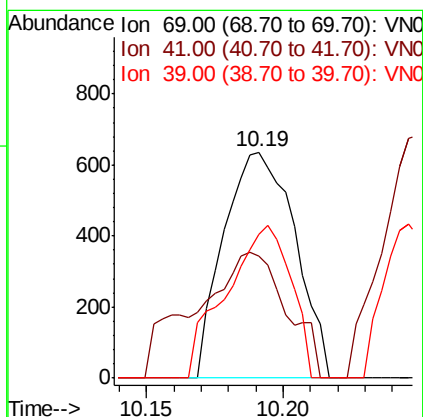
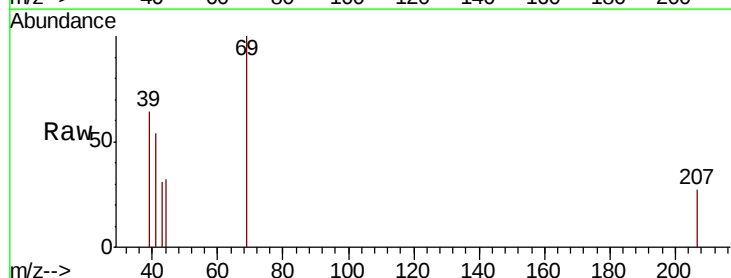
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

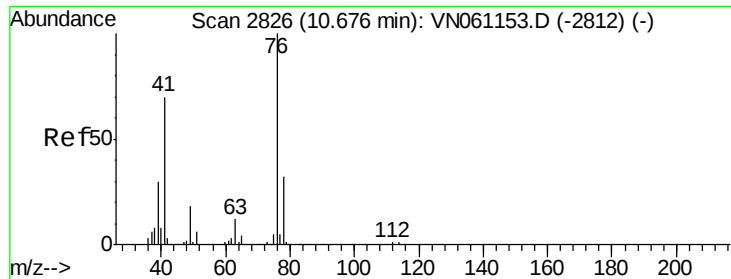
Tot Ion: 75 Resp: 4910
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 41.1 48.7 73.1#



#56
 Ethyl methacrylate
 Concen: 3.241 ug/l
 RT: 10.19 min Scan# 2675
 Delta R.T. -0.21 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion: 69 Resp: 1154
 Ion Ratio Lower Upper
 69 100
 41 71.6 60.3 90.5
 39 61.5 35.9 53.9#

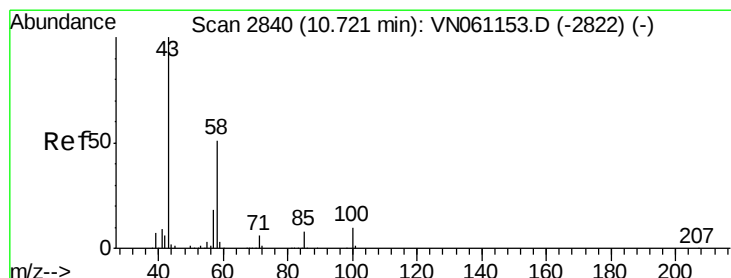
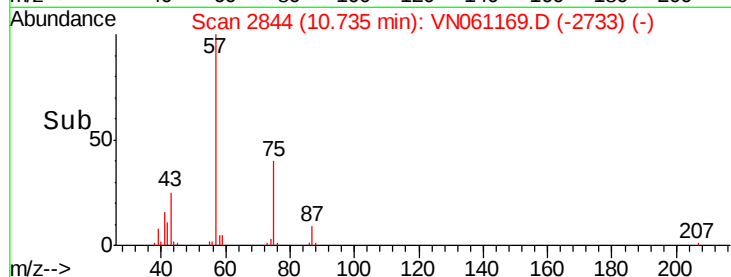
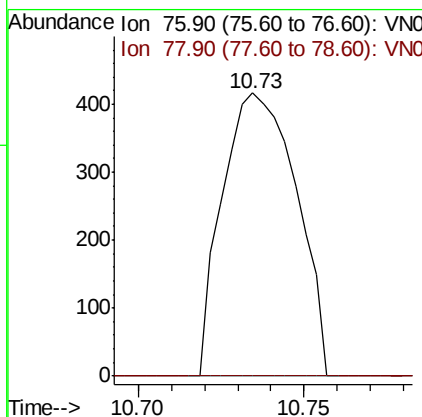
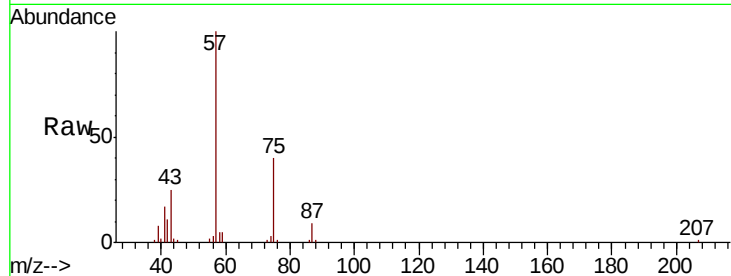




#57
 1,3-Dichloropropane
 Concen: 0.302 ug/l
 RT: 10.73 min Scan# 2844
 Delta R.T. 0.06 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

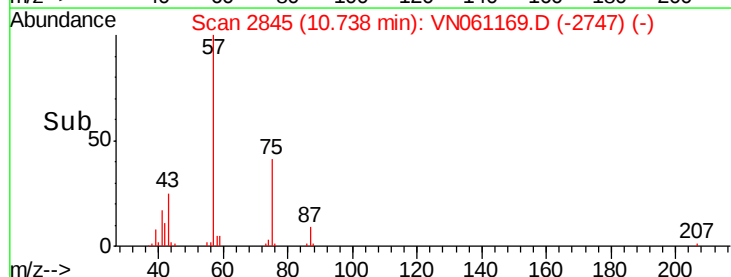
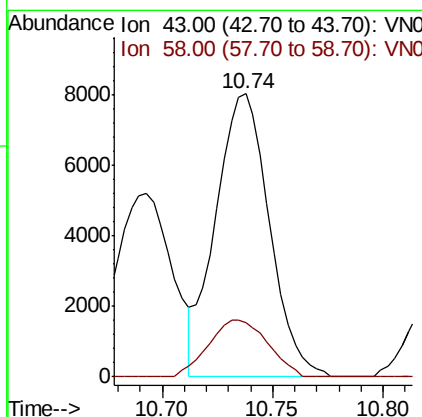
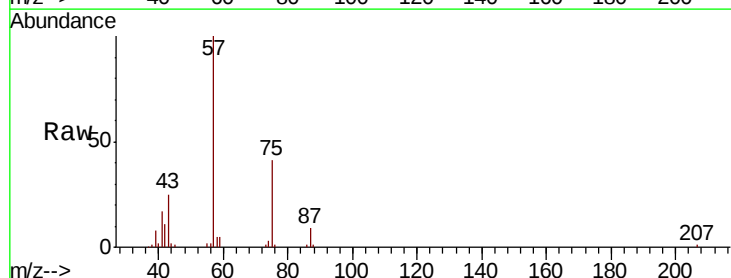
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

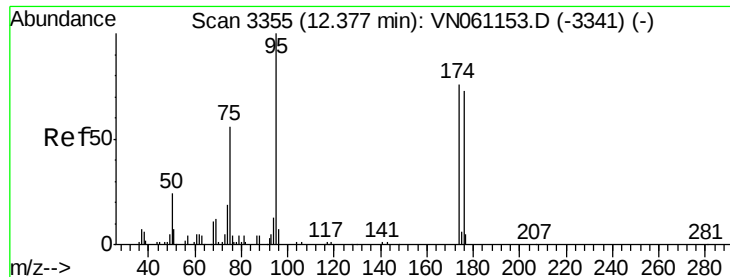
Tot Ion: 76 Resp: 646
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 9.574 ug/l
 RT: 10.74 min Scan# 2845
 Delta R.T. 0.02 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion: 43 Resp: 13584
 Ion Ratio Lower Upper
 43 100
 58 22.0 25.4 76.4#





#62

4-Bromofluorobenzene

Concen: 51.401 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

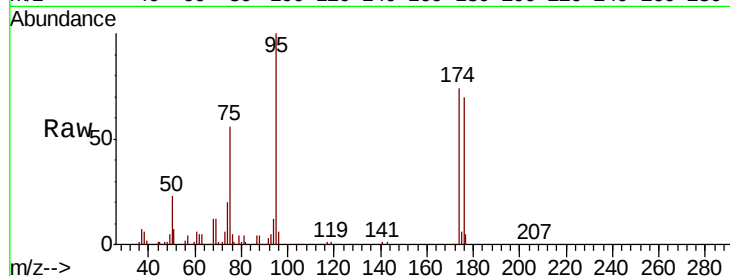
Tot Ion: 95 Resp: 79323

Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.4

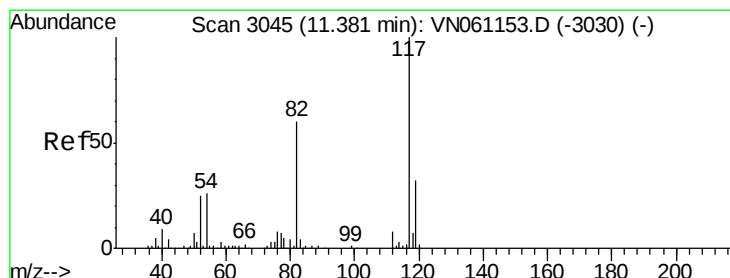
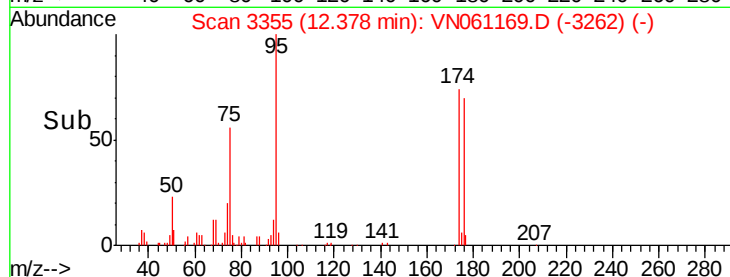
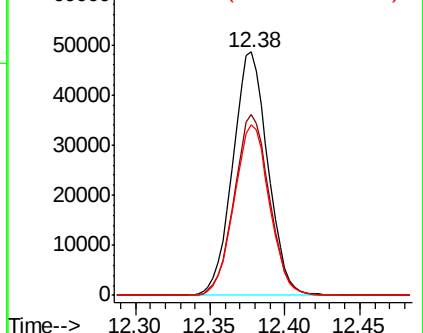
176 70.8 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

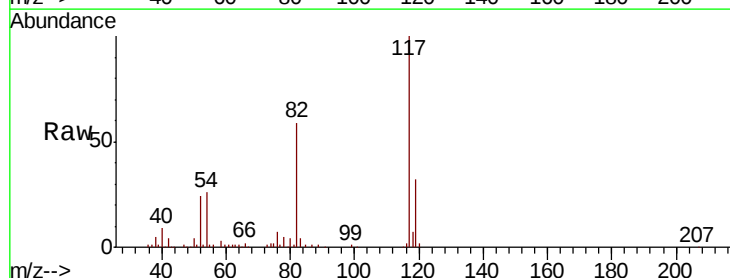
Tgt Ion: 117 Resp: 164934

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.8

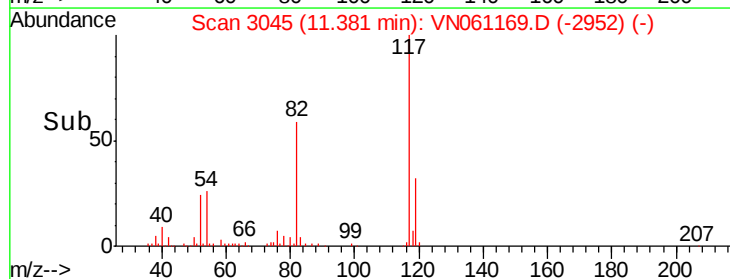
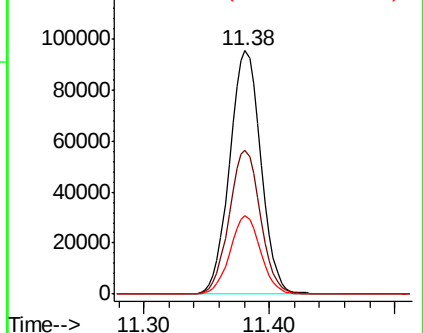
119 32.2 25.8 38.6

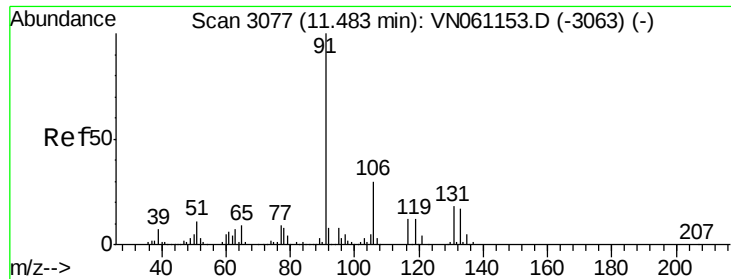


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

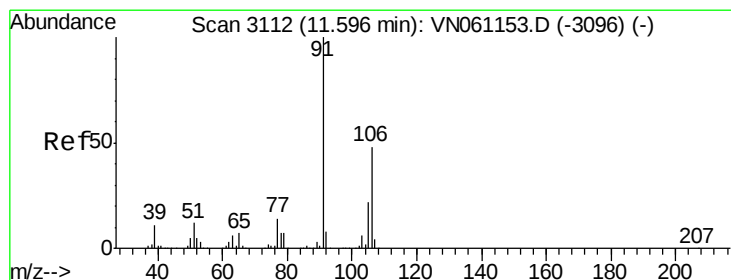
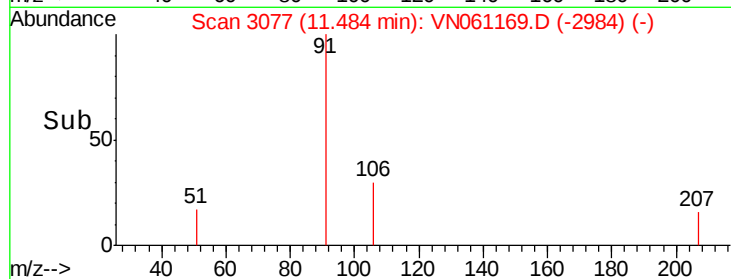
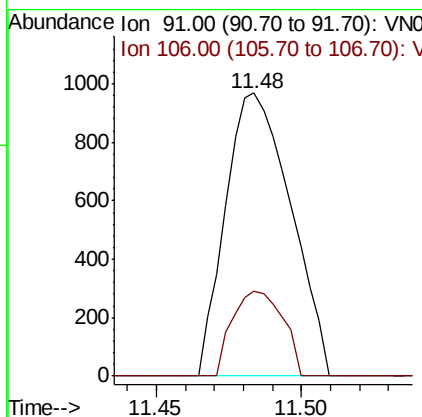
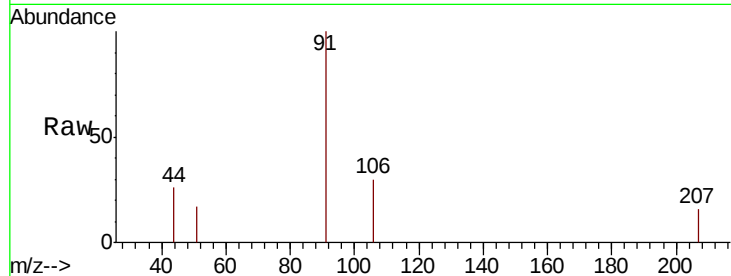




#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

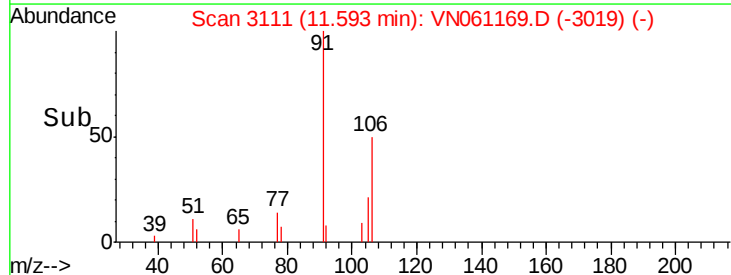
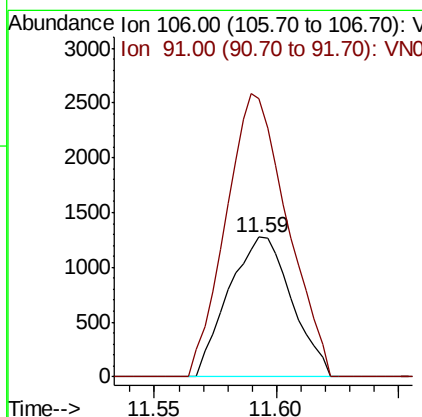
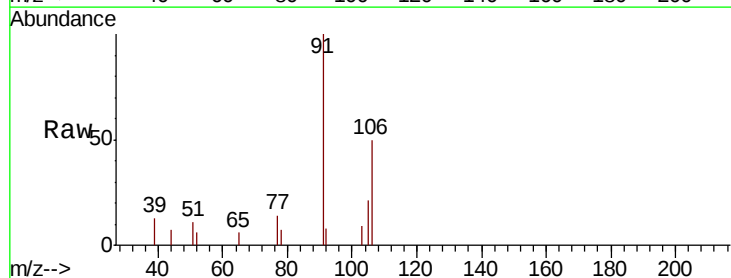
Instrument :
MSVOA_N
ClientSampled :
DRUMS-C-1-4

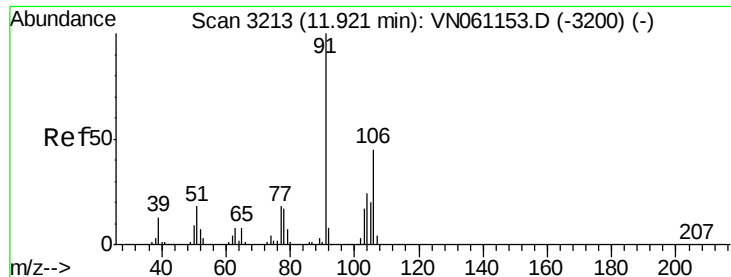
Tot Ion: 91 Resp: 1511
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 1.020 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 106 Resp: 2286
Ion Ratio Lower Upper
106 100
91 197.0 166.4 249.6

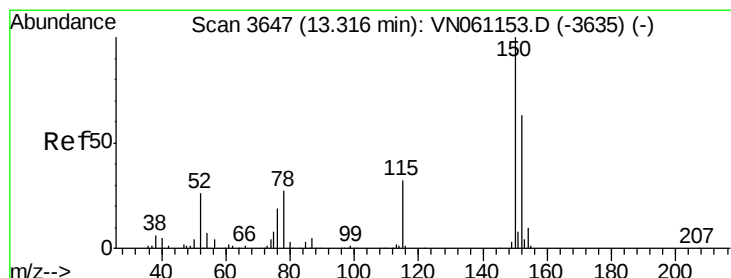
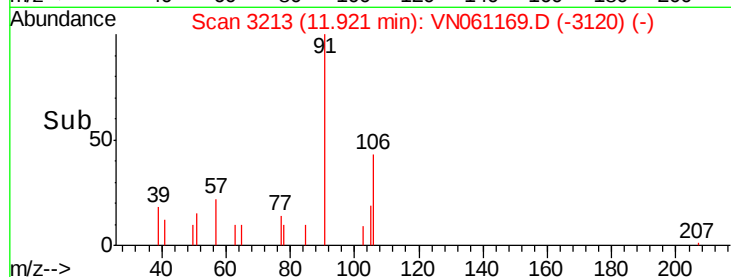
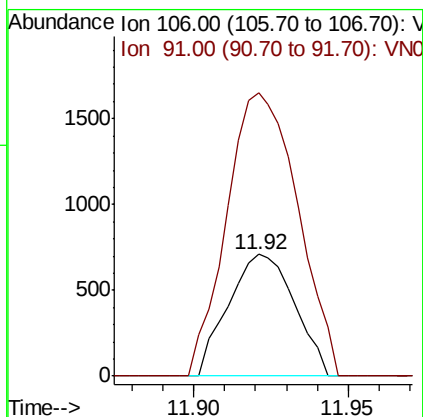
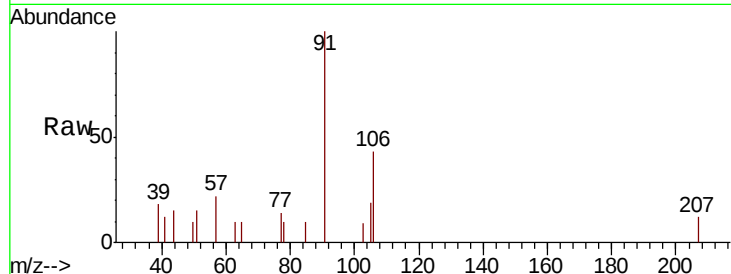




#69
o-Xylene
Concen: 0.491 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

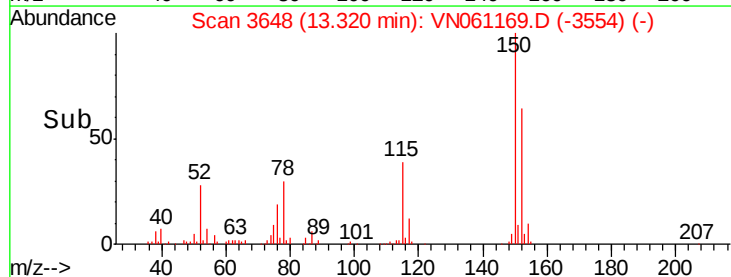
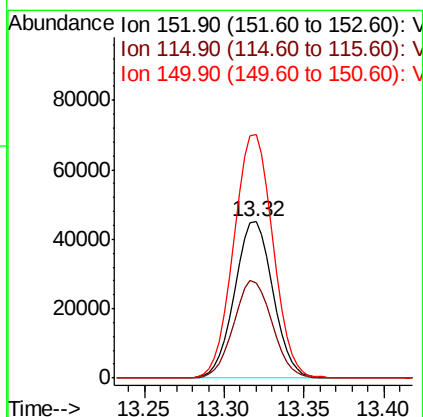
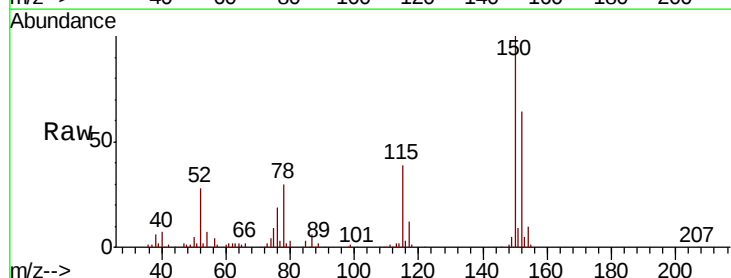
Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

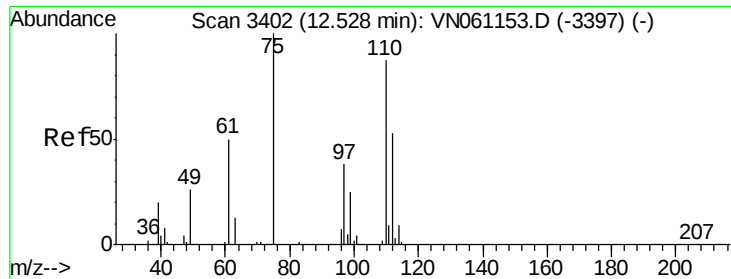
Tot Ion:106 Resp: 1058
Ion Ratio Lower Upper
106 100
91 248.9 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion:152 Resp: 73751
Ion Ratio Lower Upper
152 100
115 62.4 31.0 93.0
150 158.4 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 28.458 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

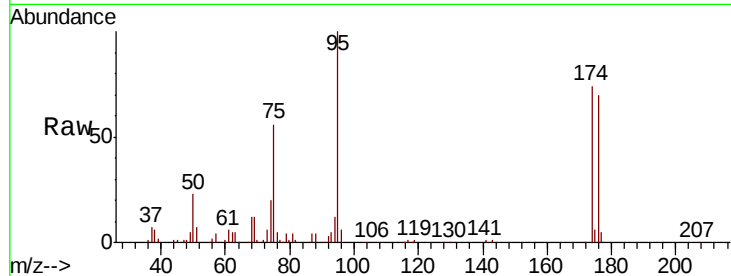
DRUMS-C-1-4

Tot Ion: 75 Resp: 44248

Ion Ratio Lower Upper

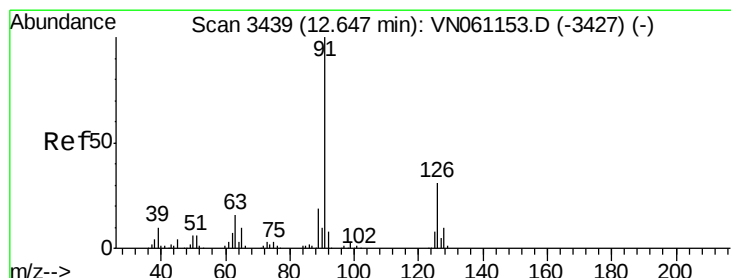
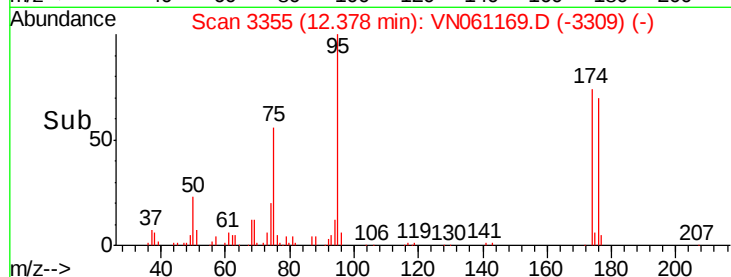
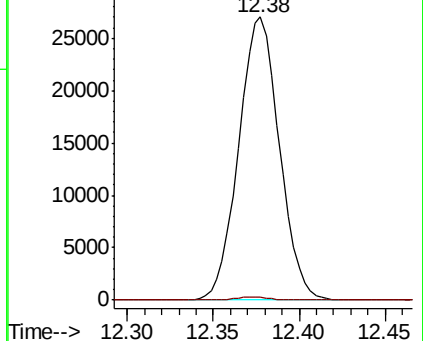
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)



#79

2-Chlorotoluene

Concen: 0.271 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.10 min

Lab File: VN061169.D

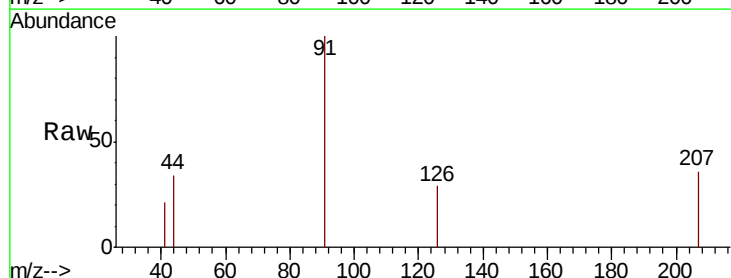
Acq: 28 Apr 2020 17:36

Tgt Ion: 91 Resp: 1025

Ion Ratio Lower Upper

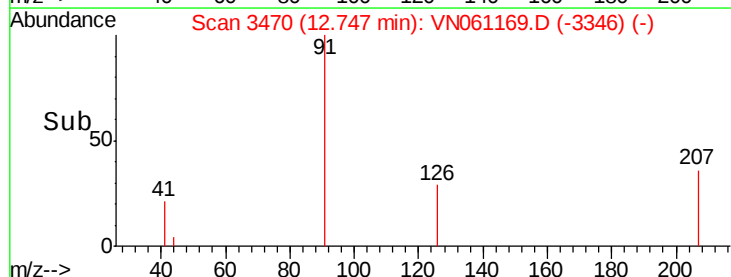
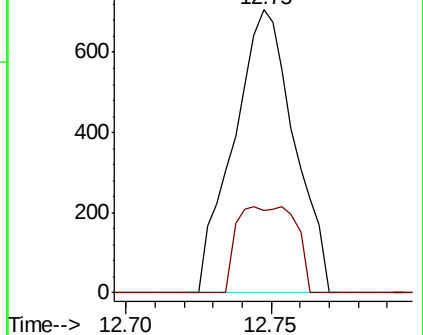
91 100

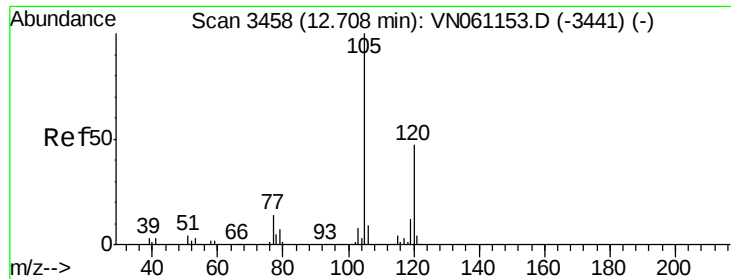
126 29.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

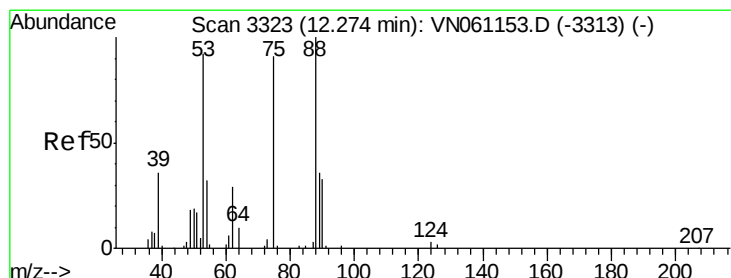
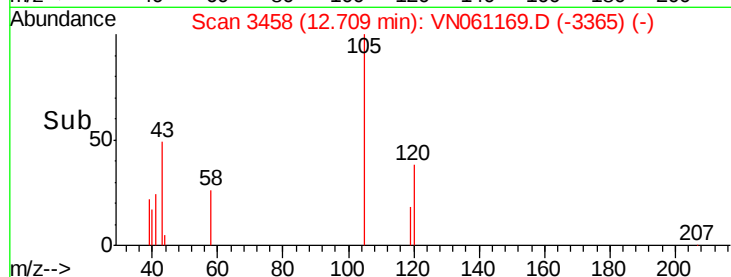
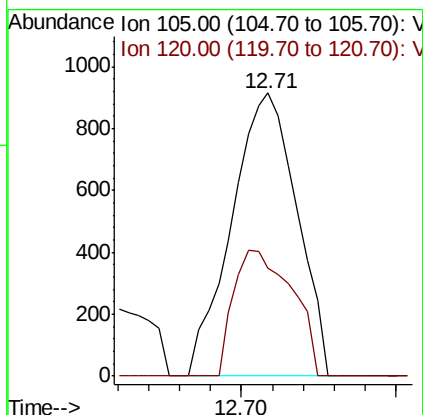
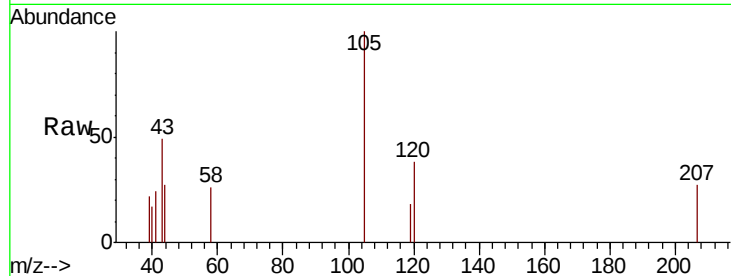




#80
 1,3,5-Trimethylbenzene
 Concen: 0.299 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

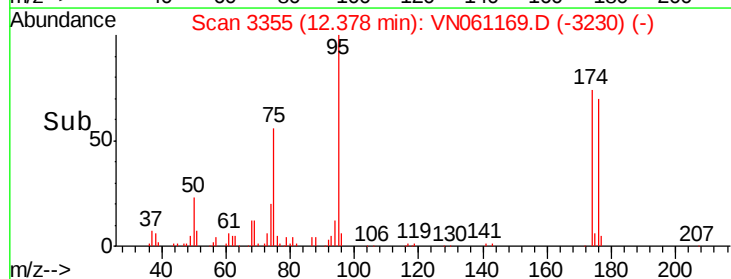
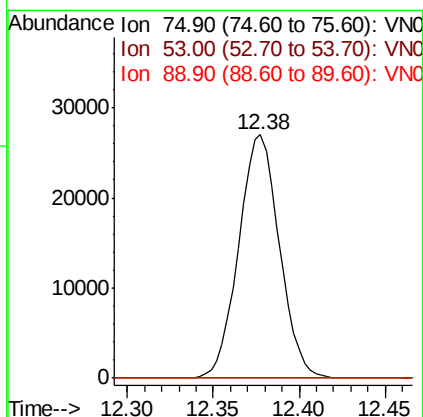
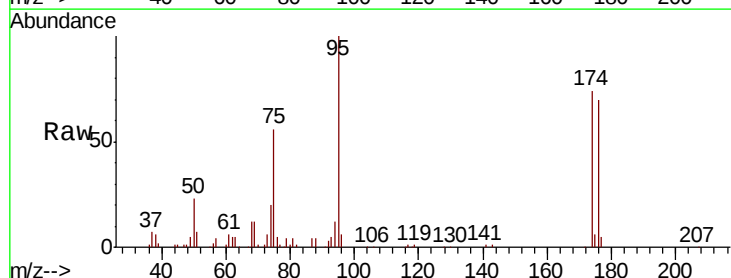
Instrument :
 MSVOA_N
 ClientSampled :
 DRUMS-C-1-4

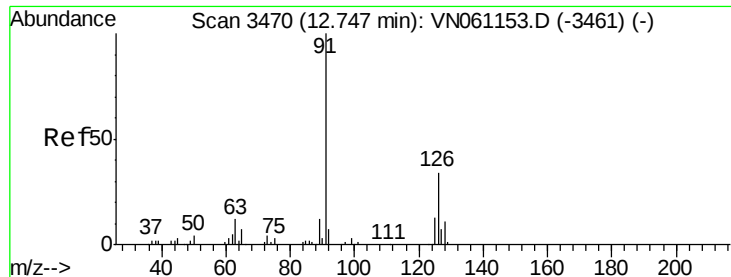
Tot Ion:105 Resp: 1342
 Ion Ratio Lower Upper
 105 100
 120 40.0 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.268 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion: 75 Resp: 44248
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#





#82

4-Chlorotoluene

Concen: 0.257 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

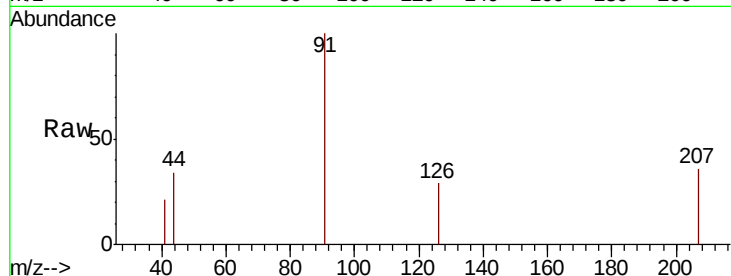
DRUMS-C-1-4

Tot Ion: 91 Resp: 1025

Ion Ratio Lower Upper

91 100

126 29.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.75

800

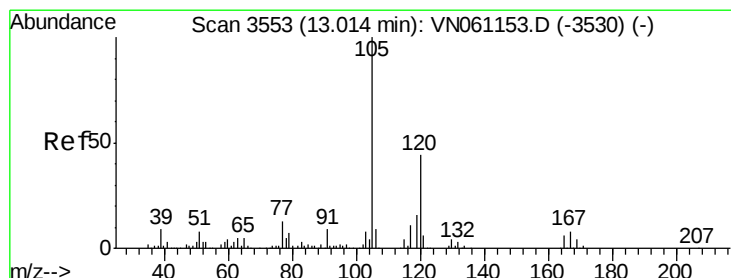
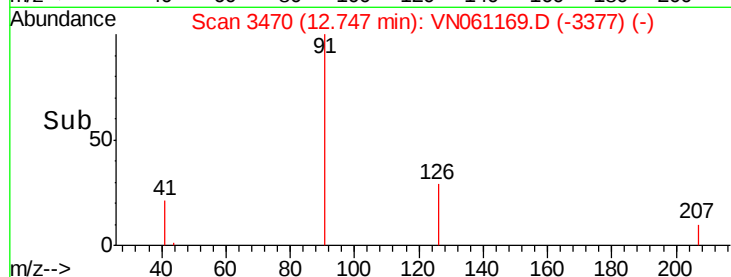
600

400

200

0

Time--> 12.70 12.75



#84

1,2,4-Trimethylbenzene

Concen: 0.779 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.00 min

Lab File: VN061169.D

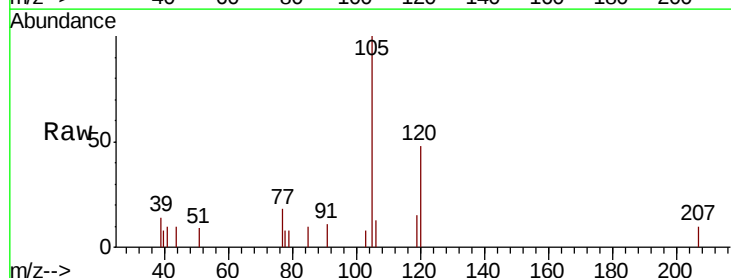
Acq: 28 Apr 2020 17:36

Tgt Ion: 105 Resp: 3601

Ion Ratio Lower Upper

105 100

120 37.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.01

2000

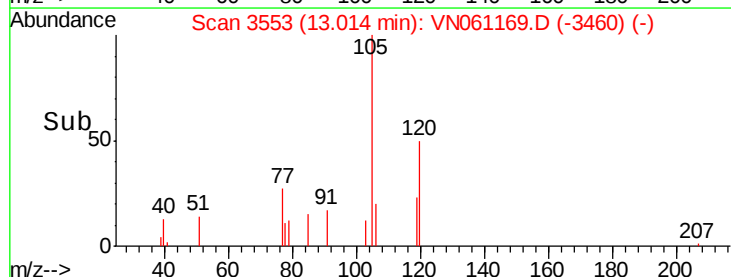
1500

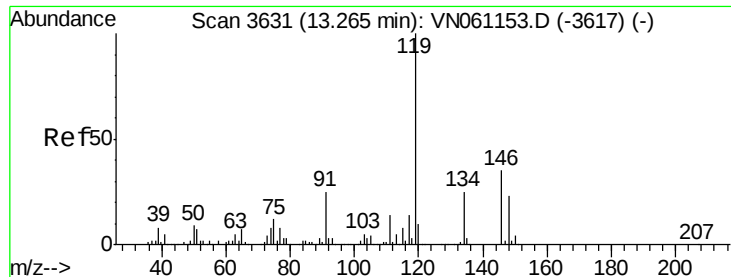
1000

500

0

Time--> 12.95 13.00 13.05

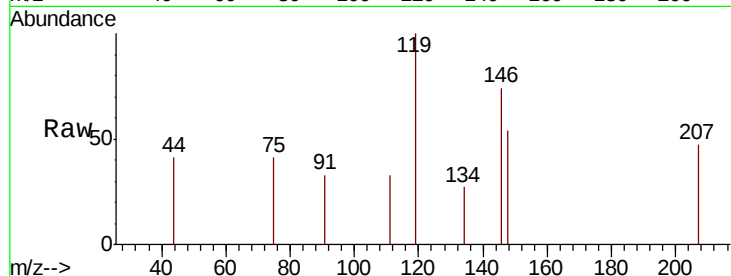




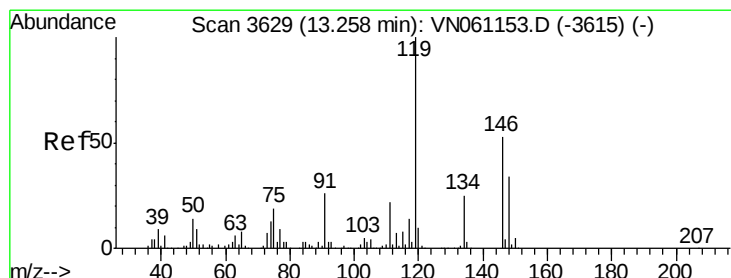
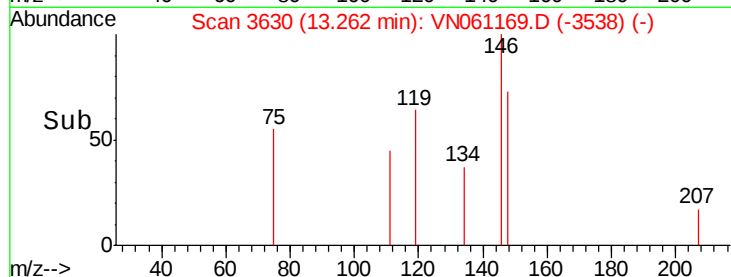
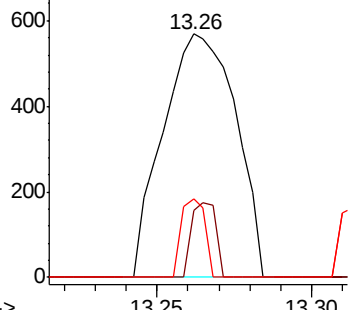
#86
p-Isopropyltoluene
Concen: 0.200 ug/l
RT: 13.26 min Scan# 3630
Delta R.T. -0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

Tot Ion:119 Resp: 931
Ion Ratio Lower Upper
119 100
134 10.3 12.6 37.6#
91 10.6 12.7 38.0#

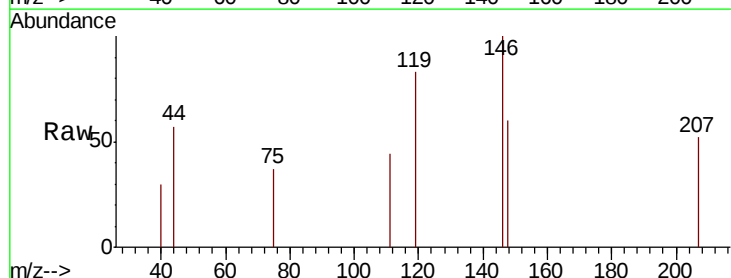


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

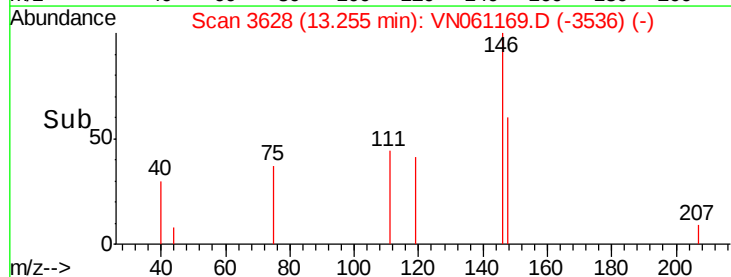
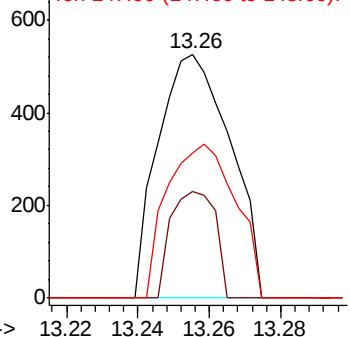


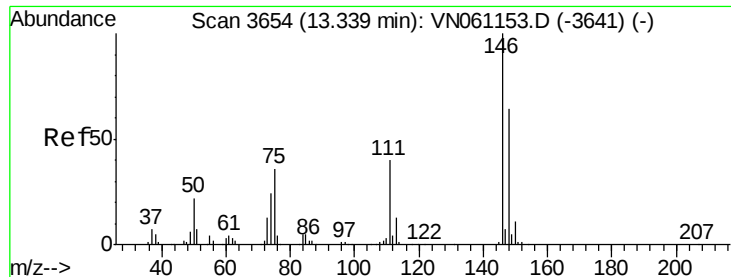
#87
1,3-Dichlorobenzene
Concen: 0.319 ug/l
RT: 13.26 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion:146 Resp: 734
Ion Ratio Lower Upper
146 100
111 27.0 20.7 62.1
148 60.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.312 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.08 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

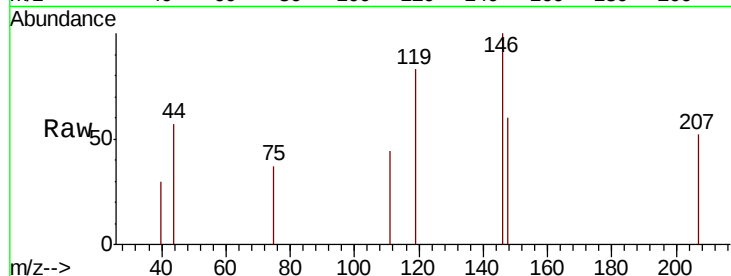
Tot Ion:146 Resp: 734

Ion Ratio Lower Upper

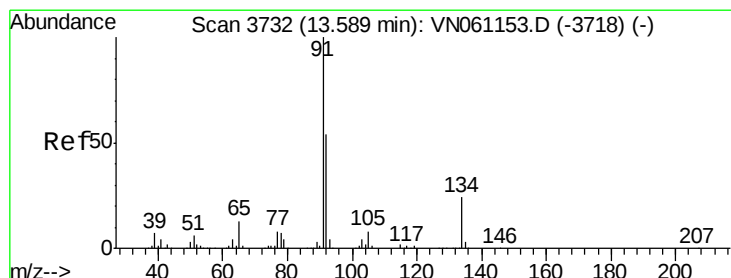
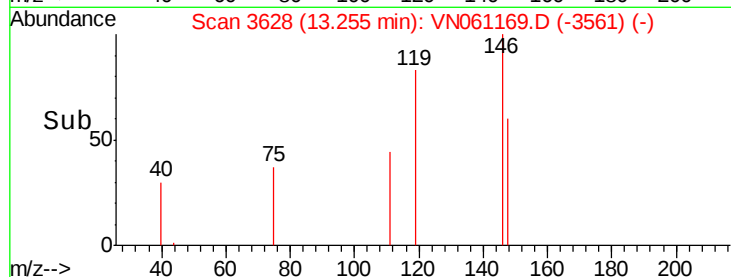
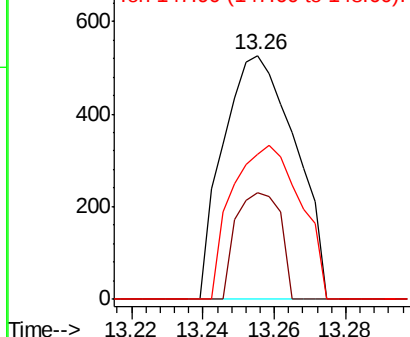
146 100

111 27.0 20.4 61.3

148 60.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.409 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

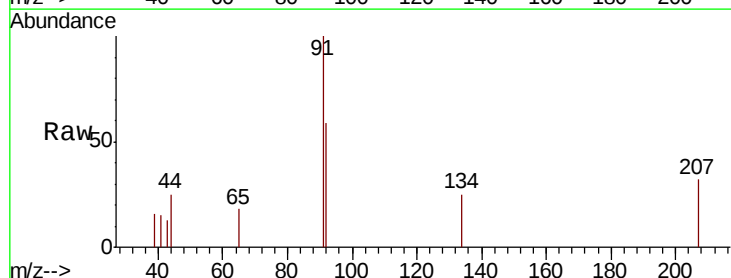
Tgt Ion: 91 Resp: 1743

Ion Ratio Lower Upper

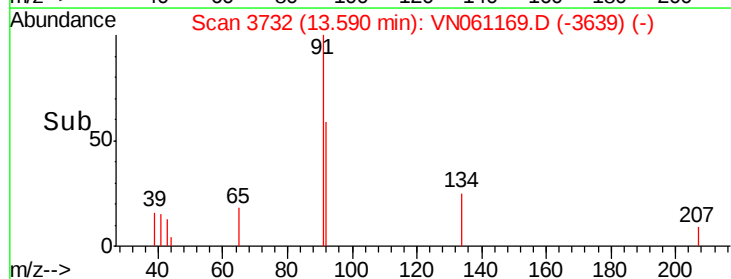
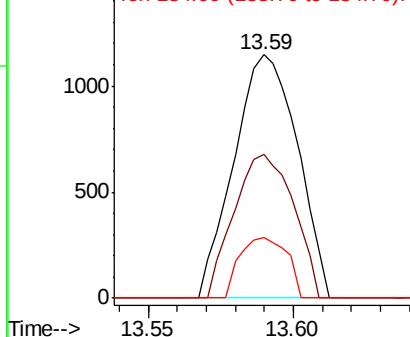
91 100

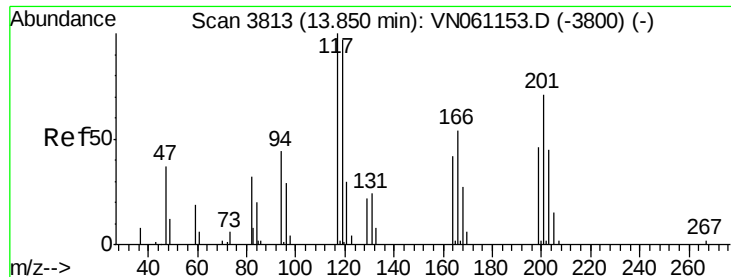
92 55.5 26.8 80.3

134 18.5 11.9 35.5



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: 8.054 ug/l

RT: 13.97 min Scan# 3850

Delta R.T. 0.12 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

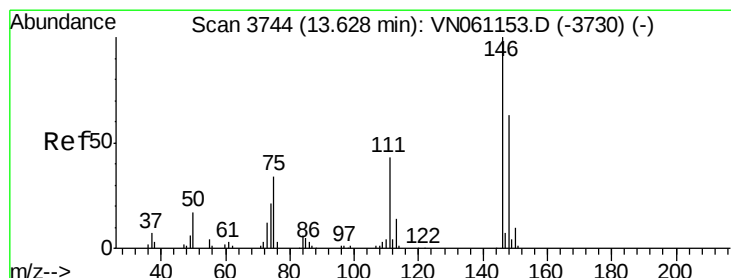
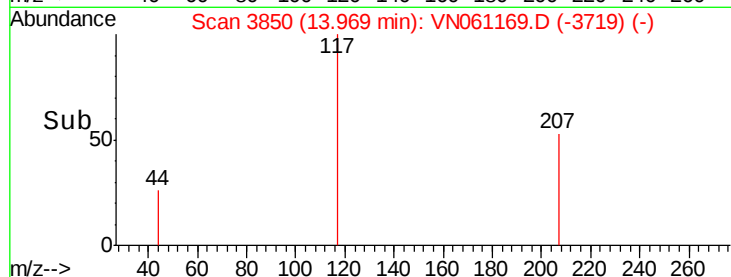
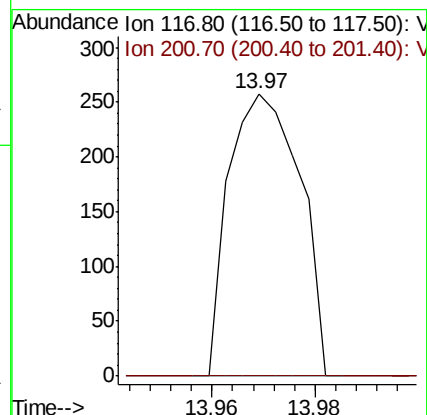
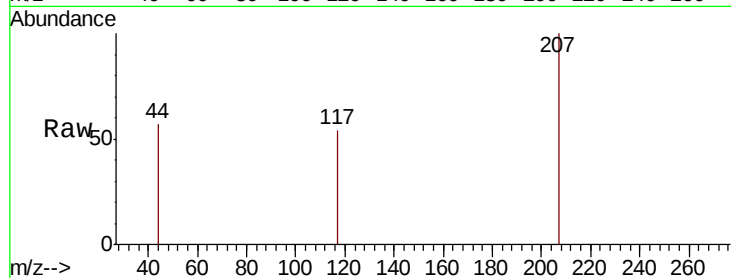
DRUMS-C-1-4

Tot Ion:117 Resp: 245

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#



#91

1,2-Dichlorobenzene

Concen: 0.304 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

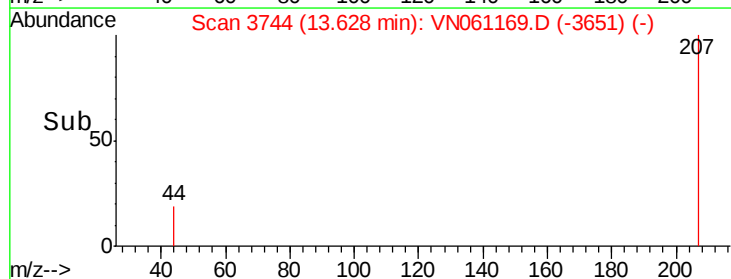
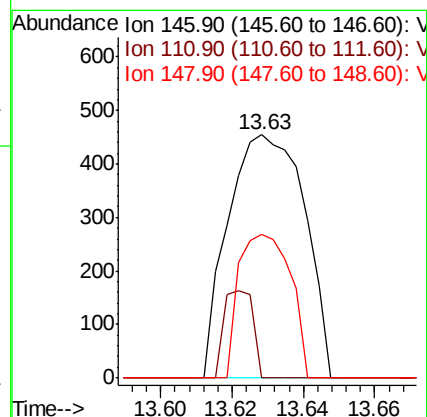
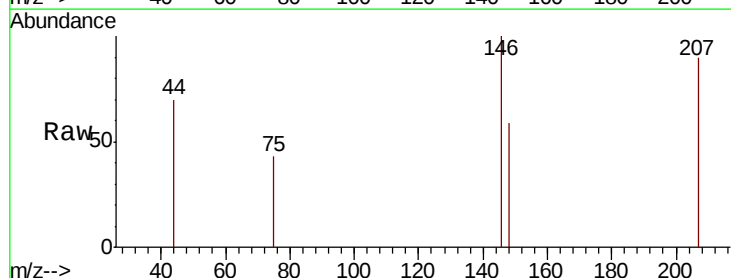
Tgt Ion:146 Resp: 672

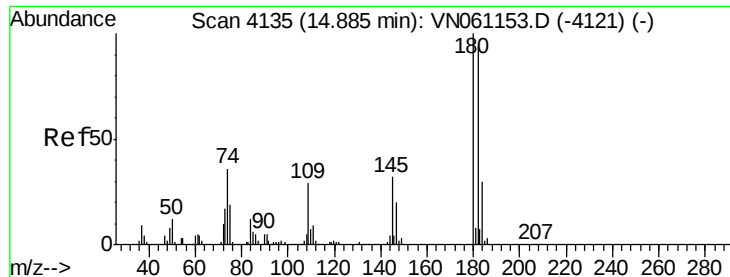
Ion Ratio Lower Upper

146 100

111 13.5 21.8 65.3#

148 39.9 31.6 95.0

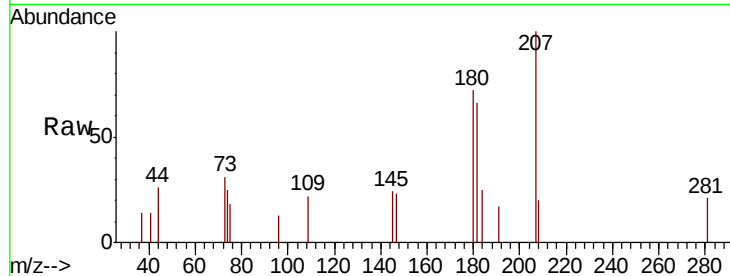




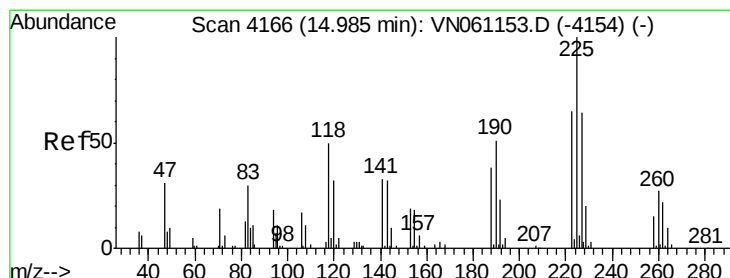
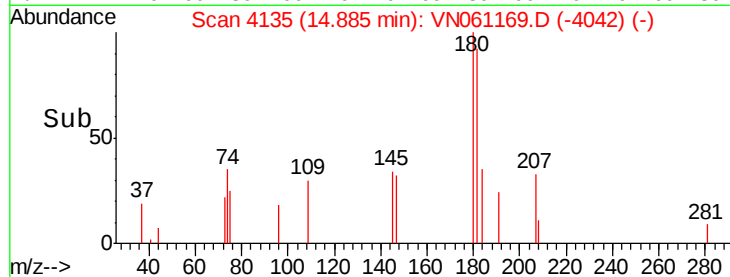
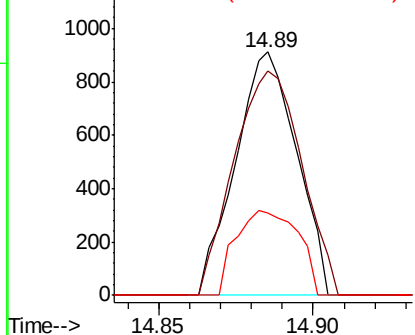
#93
 1,2,4-Trichlorobenzene
 Concen: 0.932 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

Tot Ion:180 Resp: 1254
 Ion Ratio Lower Upper
 180 100
 182 102.1 47.3 141.9
 145 35.4 16.0 47.9

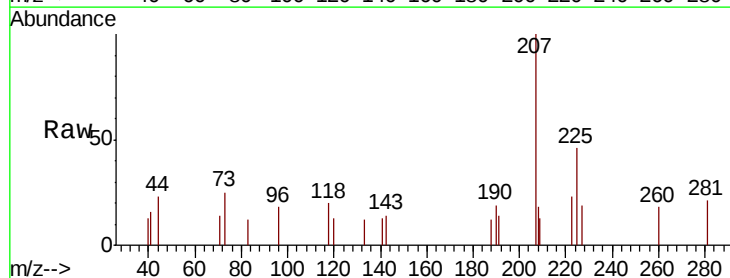


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

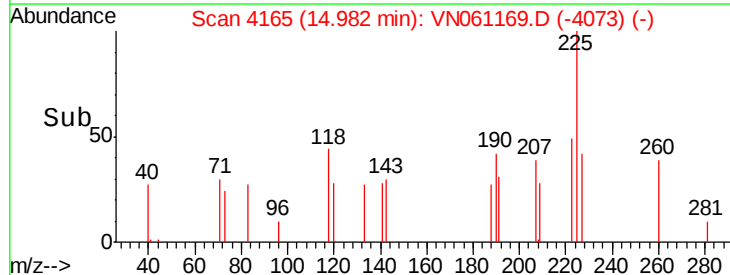
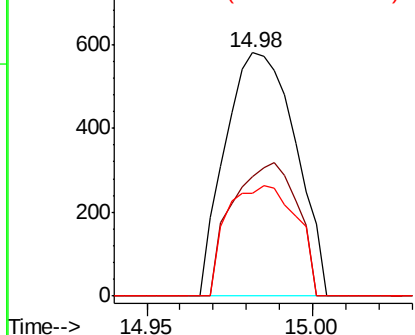


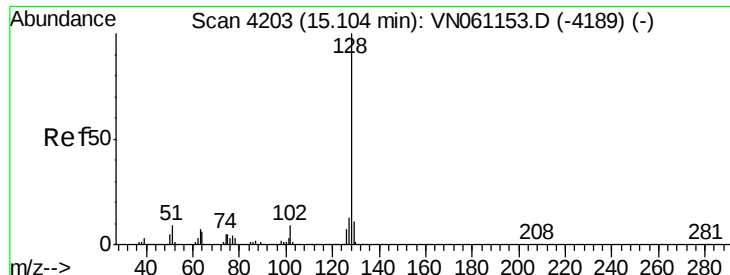
#94
 Hexachlorobutadiene
 Concen: 1.519 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion:225 Resp: 854
 Ion Ratio Lower Upper
 225 100
 223 50.8 32.4 97.0
 227 44.6 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.196 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

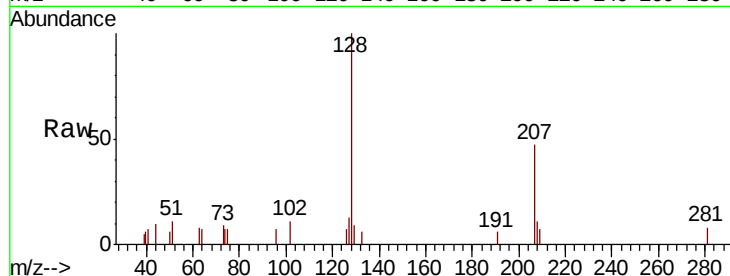
Tot Ion:128 Resp: 5242

Ion Ratio Lower Upper

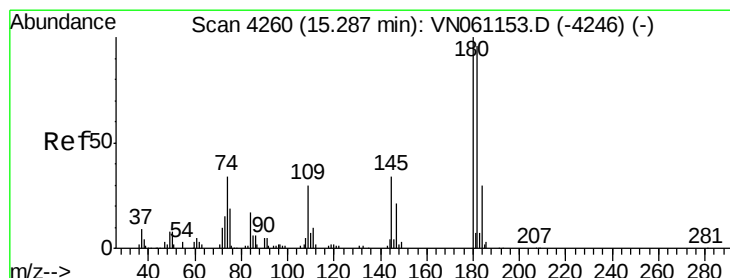
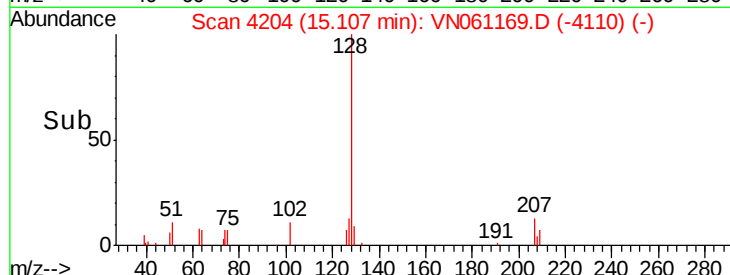
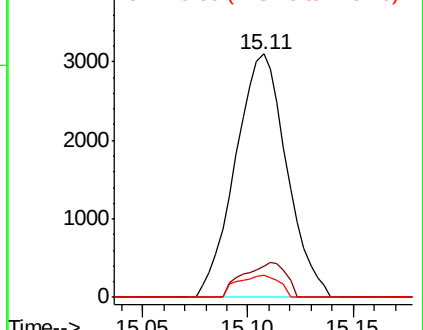
128 100

127 11.9 10.4 15.6

129 7.3 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



#96

1,2,3-Trichlorobenzene

Concen: 1.053 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

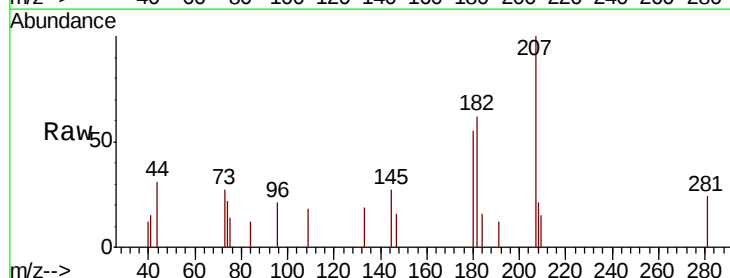
Tgt Ion:180 Resp: 1398

Ion Ratio Lower Upper

180 100

182 92.3 47.5 142.5

145 34.9 16.9 50.7



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

