

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061178.D
 Acq On : 28 Apr 2020 21:04
 Operator : JC/MD
 Sample : PB128479TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128479TB

Quant Time: Apr 29 08:02:09 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	102910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	182317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83754	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	82571	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	52620	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	231772	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	91129	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	10343	11.145	ug/l	99
17) Carbon Disulfide	4.01	76	1617	0.539	ug/l #	75
18) Methyl Acetate	4.29	43	1912	1.597	ug/l #	55
20) Methylene Chloride	4.50	84	867	0.683	ug/l	88
25) 2-Butanone	6.79	43	1639	1.701	ug/l #	53
27) cis-1,2-Dichloroethene	6.79	96	3941	2.840	ug/l	90
31) Cyclohexane	7.62	56	3016	1.273	ug/l #	27
36) 1,1-Dichloropropene	7.63	75	9178	4.991	ug/l #	50
37) Ethyl Acetate	6.79	43	1639	0.760	ug/l #	1
38) Carbon Tetrachloride	7.63	117	11030	7.500	ug/l #	16
43) Isopropyl Acetate	8.12	43	43131	12.054	ug/l #	89
45) 1,2-Dichloropropane	9.23	63	732	0.500	ug/l #	44
48) Methyl methacrylate	9.24	41	71569	44.327	ug/l #	48
51) 4-Methyl-2-Pentanone	9.95	43	4860	2.308	ug/l #	86
54) cis-1,3-Dichloropropene	9.88	75	16583	7.156	ug/l #	61
56) Ethyl methacrylate	10.52	69	519	2.941	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	2921	1.262	ug/l #	43
59) 2-Hexanone	10.74	43	47760	31.171	ug/l #	53
60) Dibromochloromethane	10.60	129	315	0.228	ug/l #	10
64) Tetrachloroethene	10.60	164	341	0.216	ug/l #	78
74) N-amyl acetate	12.04	43	956	0.307	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	50086	28.365	ug/l #	100
77) Bromobenzene	12.49	156	323	0.227	ug/l #	1
79) 2-Chlorotoluene	12.75	91	1042	0.243	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	3703	0.727	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	50086	72.033	ug/l #	8
82) 4-Chlorotoluene	12.75	91	1042	0.230	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	908	0.347	ug/l #	82
88) 1,4-Dichlorobenzene	13.34	146	1168	0.437	ug/l #	19
89) n-Butylbenzene	13.59	91	1621	0.335	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	758	0.302	ug/l	83
93) 1,2,4-Trichlorobenzene	14.88	180	1285	0.841	ug/l	95
94) Hexachlorobutadiene	14.99	225	567	0.888	ug/l	91
95) Naphthalene	15.10	128	5311	1.067	ug/l #	95

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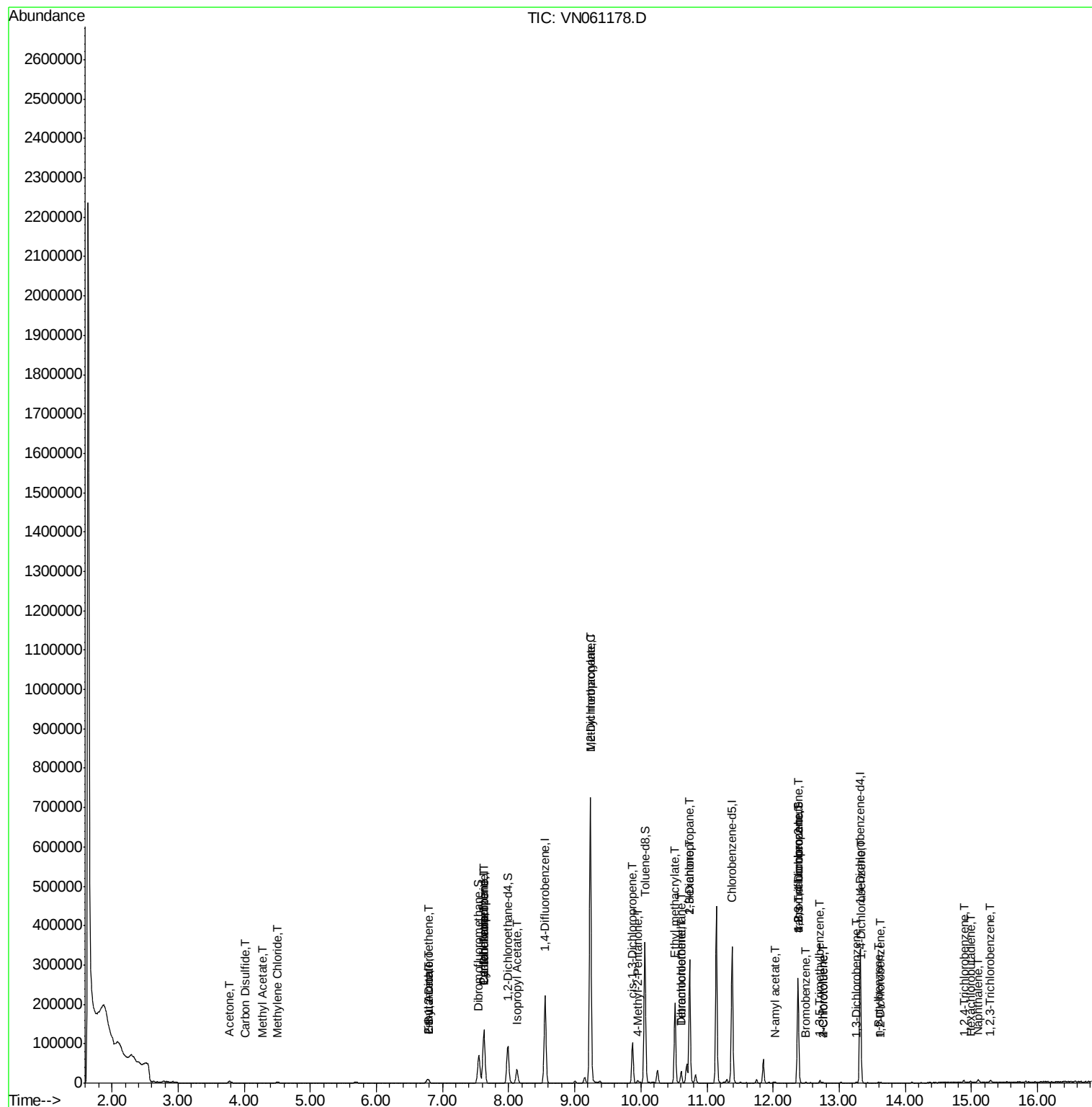
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.28	180	1583	1.049	ug/l	92

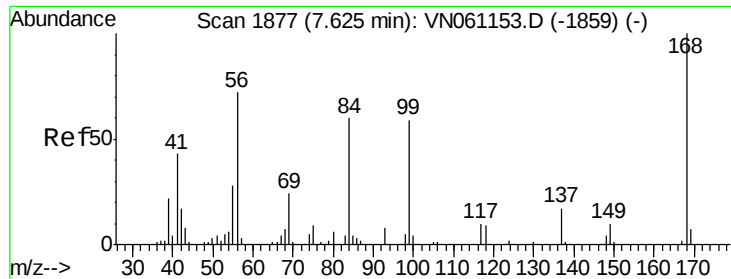
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042820\
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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: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

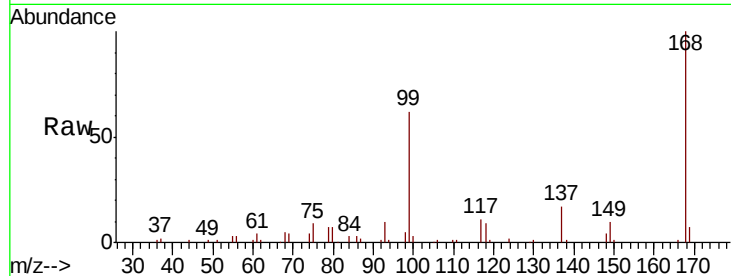
PB128479TB

Tot Ion:168 Resp: 102910

Ion Ratio Lower Upper

168 100

99 62.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

30000

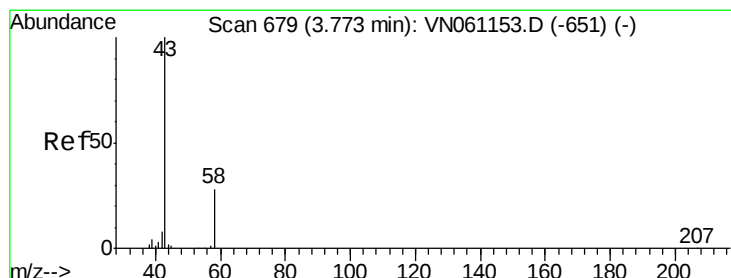
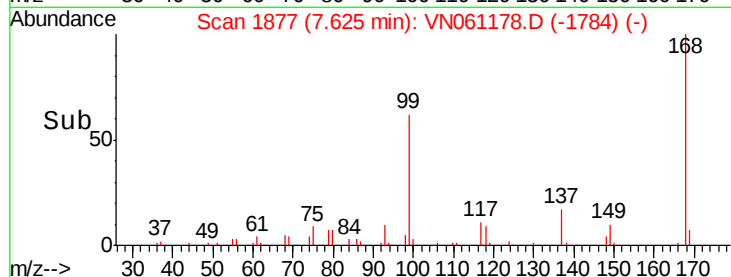
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 11.145 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061178.D

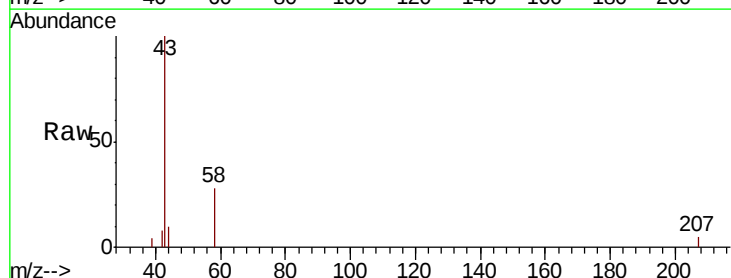
Acq: 28 Apr 2020 21:04

Tgt Ion: 43 Resp: 10343

Ion Ratio Lower Upper

43 100

58 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

3000

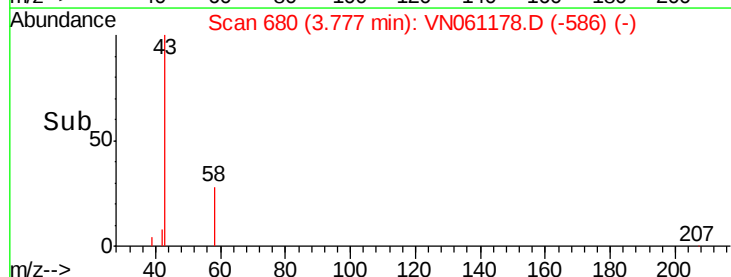
2000

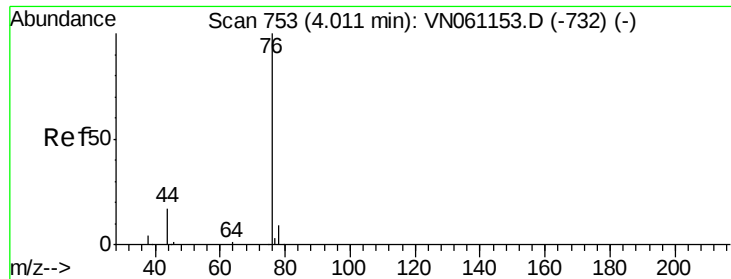
1000

0

Time-->

3.70 3.75 3.80 3.85

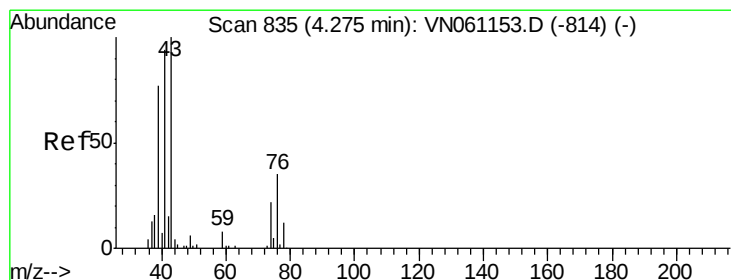
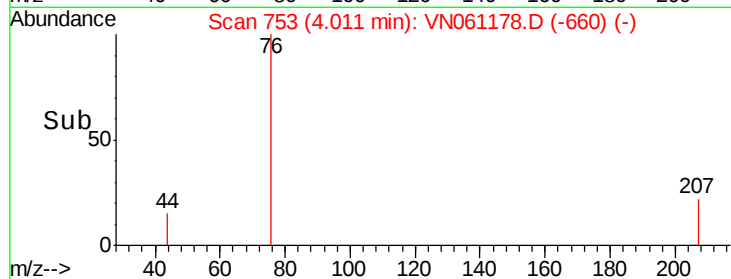
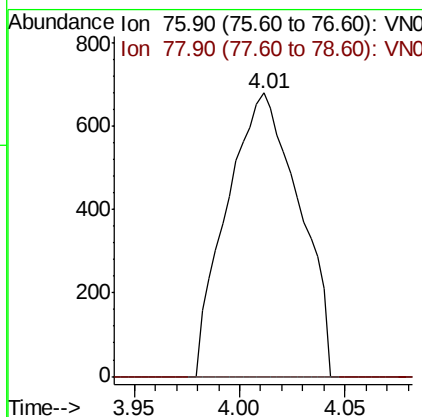
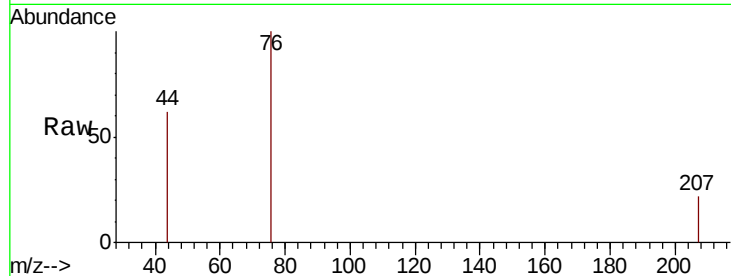




#17
Carbon Disulfide
Concen: 0.539 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

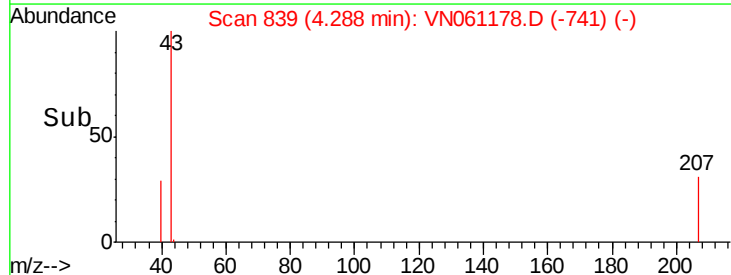
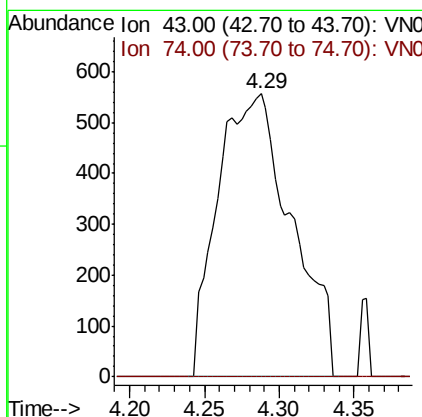
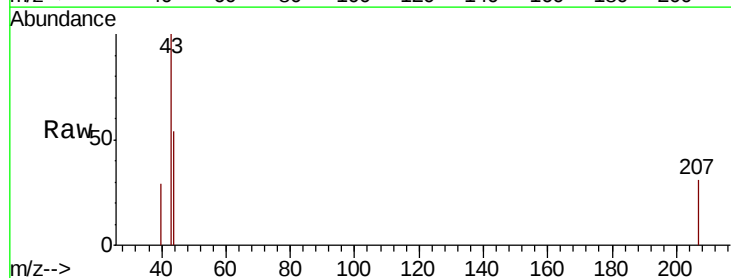
Instrument :
MSVOA_N
ClientSampleId :
PB128479TB

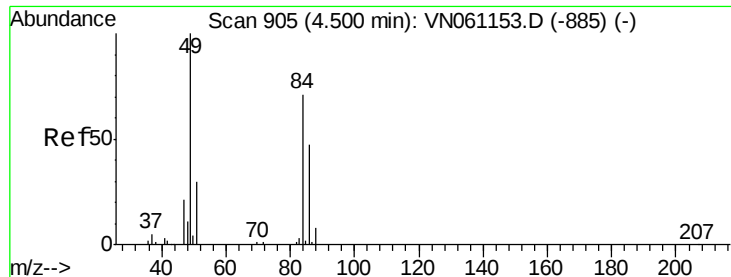
Tot Ion: 76 Resp: 1617
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.597 ug/l
RT: 4.29 min Scan# 839
Delta R.T. 0.01 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#





#20

Methvlene Chloride

Concen: 0.683 ug/l

RT: 4.50 min Scan# 905

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

PB128479TB

Tot Ion: 84 Resp: 867

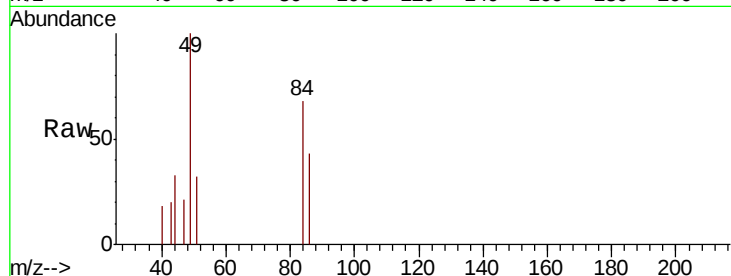
Ion Ratio Lower Upper

84 100

49 117.5 112.0 168.0

51 47.8 33.6 50.4

86 64.0 52.1 78.1

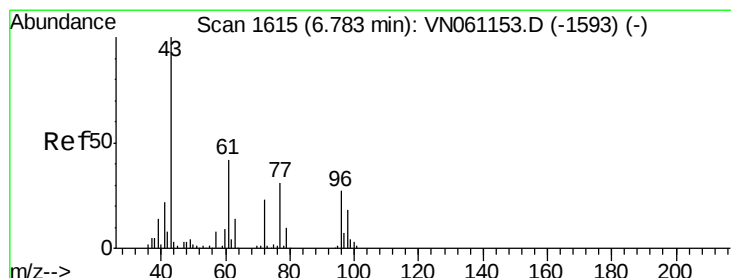
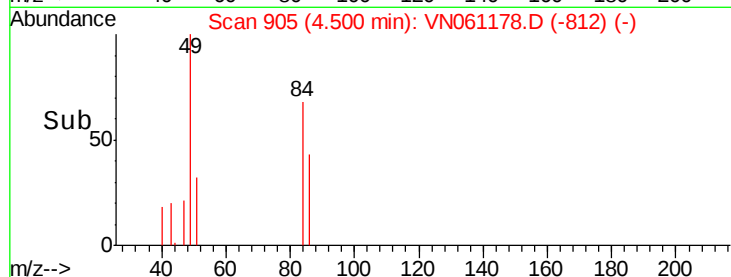
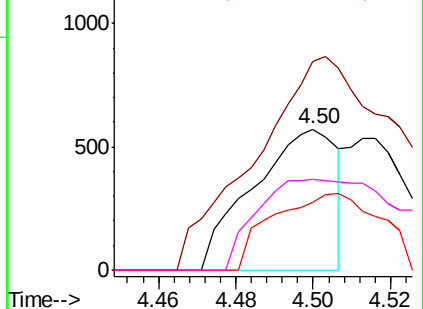


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.701 ug/l

RT: 6.79 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VN061178.D

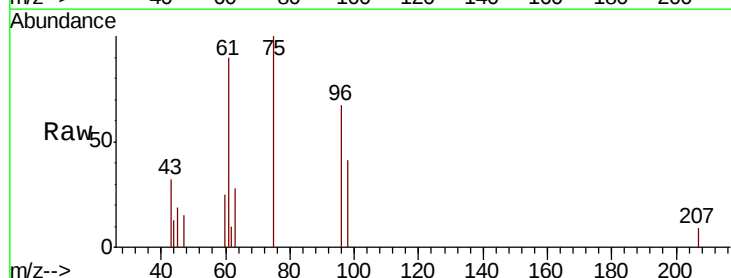
Acq: 28 Apr 2020 21:04

Tgt Ion: 43 Resp: 1639

Ion Ratio Lower Upper

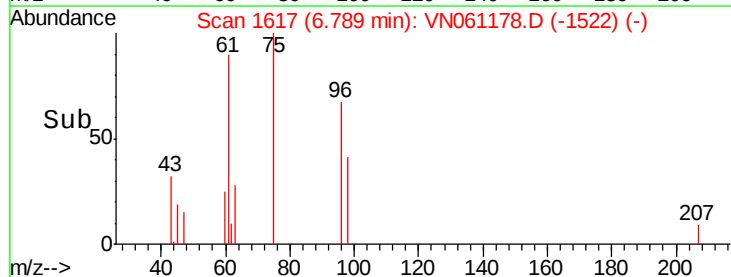
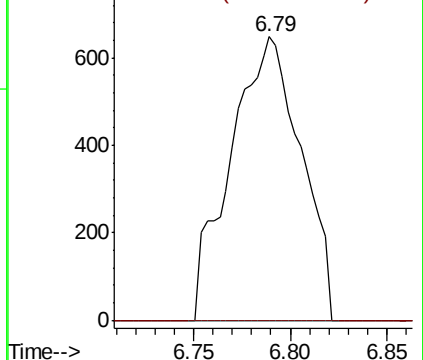
43 100

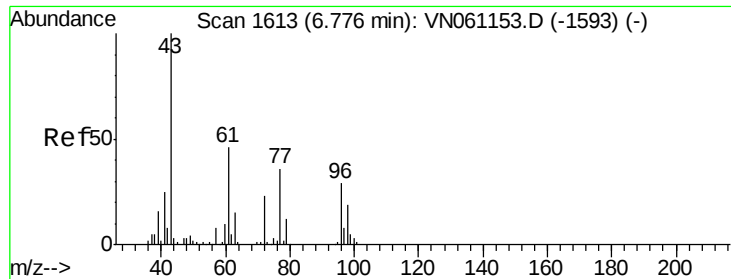
72 0.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 2.840 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.01 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

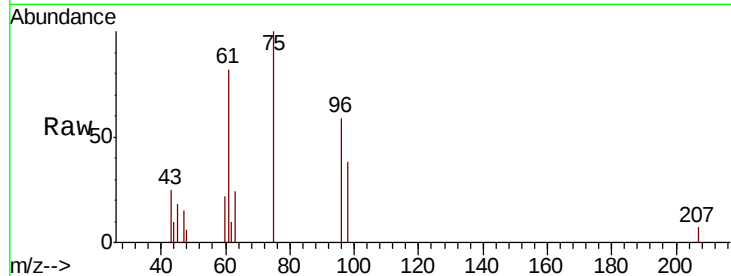
Tot Ion: 96 Resp: 3941

Ion Ratio Lower Upper

96 100

61 145.7 0.0 322.0

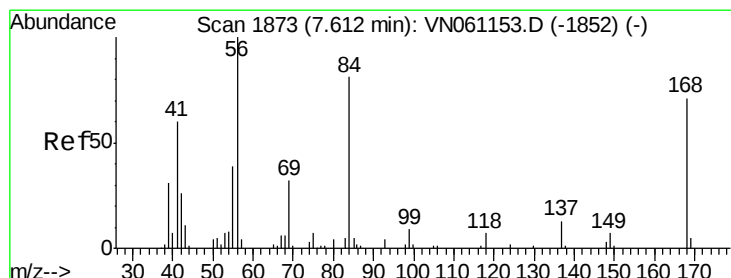
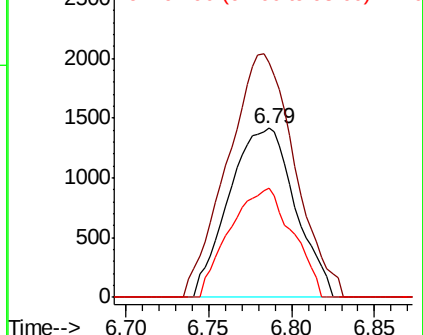
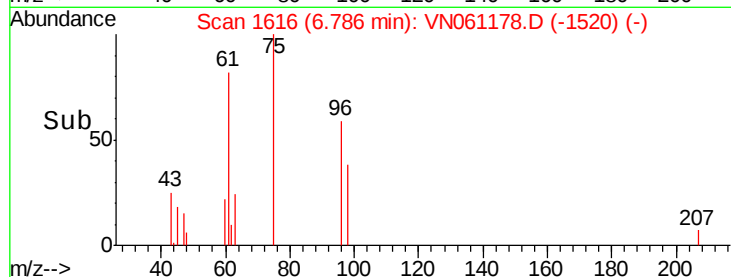
98 60.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 1.273 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

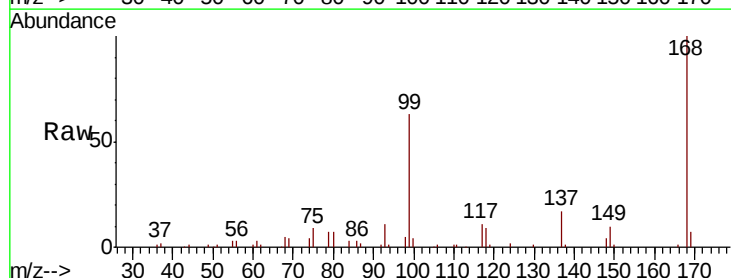
Tgt Ion: 56 Resp: 3016

Ion Ratio Lower Upper

56 100

69 137.3 25.7 38.5#

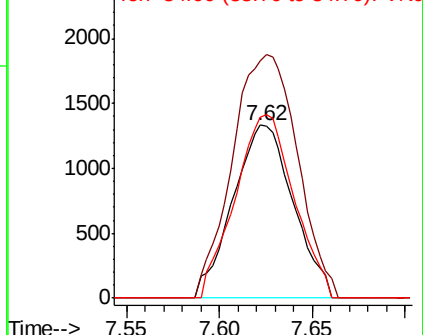
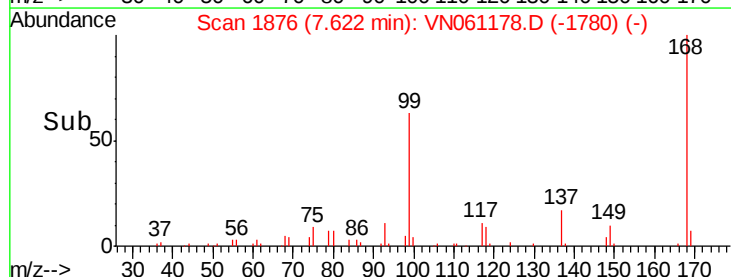
84 104.7 64.6 97.0#

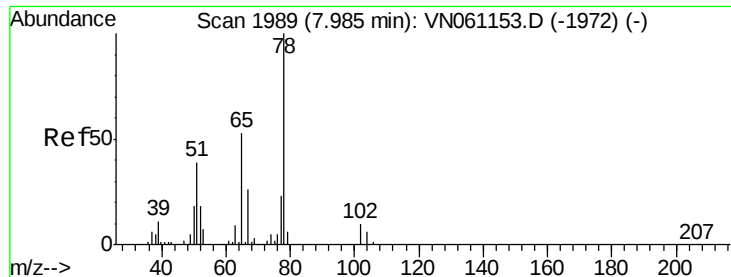


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.708 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

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ClientSampleId :

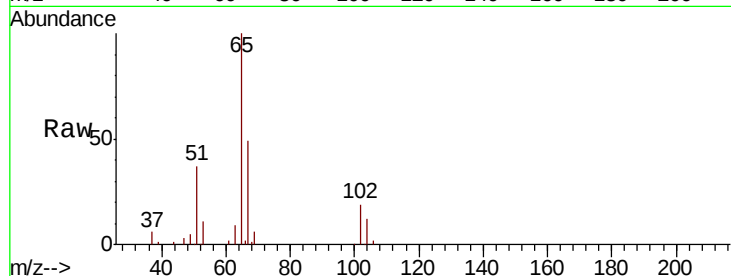
PB128479TB

Tot Ion: 65 Resp: 82571

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.99

40000

30000

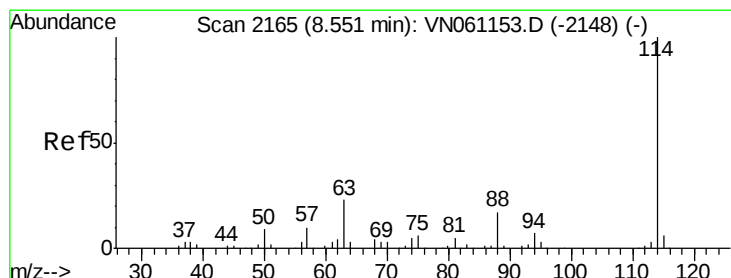
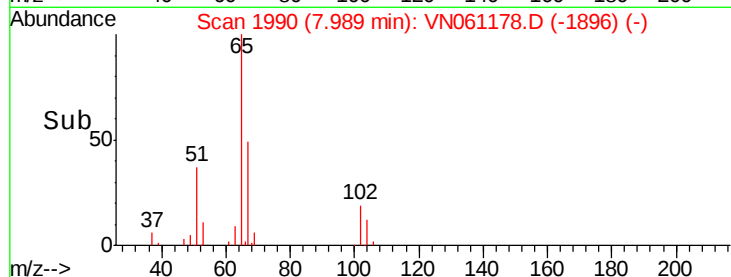
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

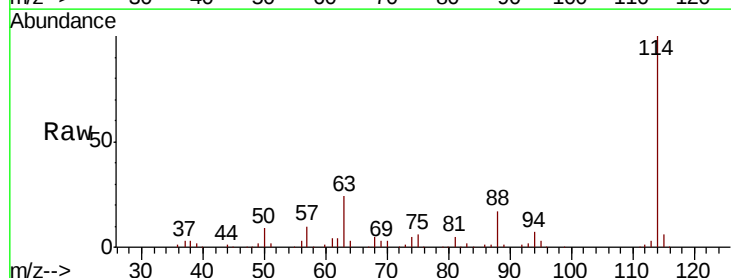
Tgt Ion: 114 Resp: 183709

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

120000

100000

80000

60000

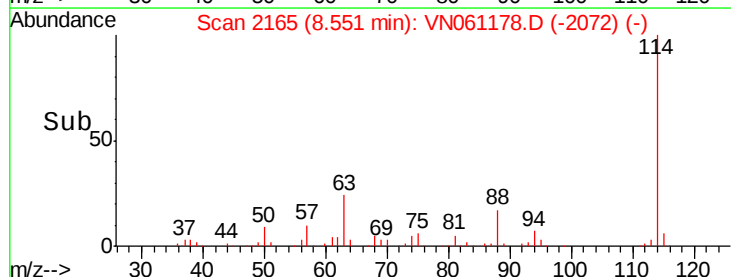
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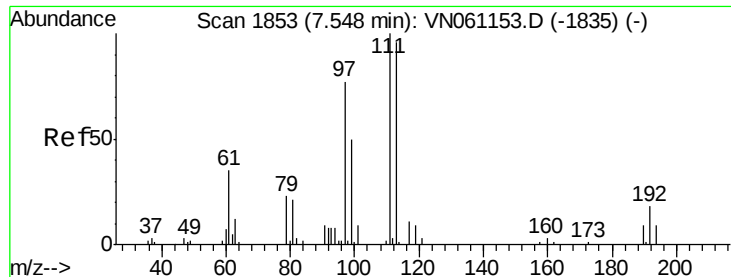
20000

0

8.45 8.50 8.55 8.60 8.65

Time-->

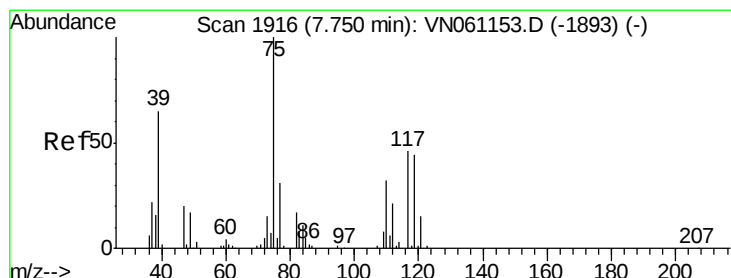
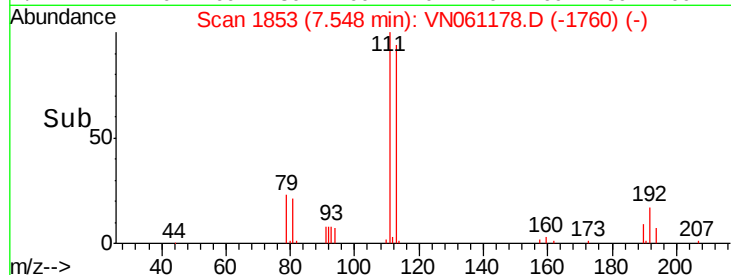
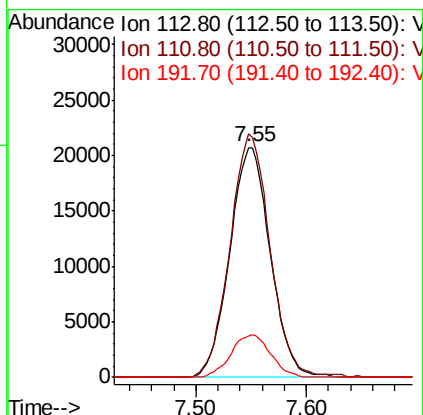
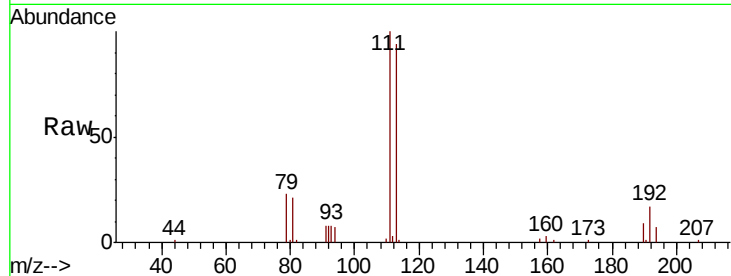




#35
Dibromofluoromethane
Concen: 48.439 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

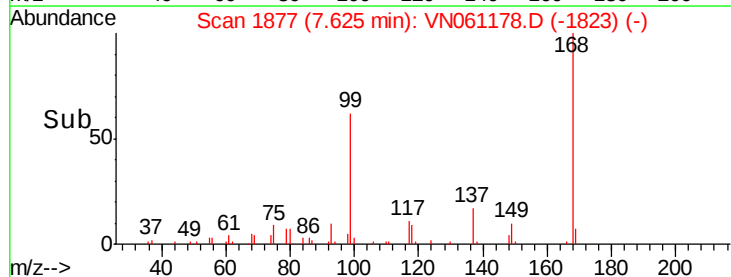
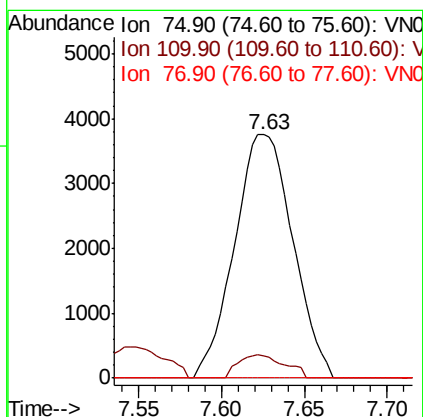
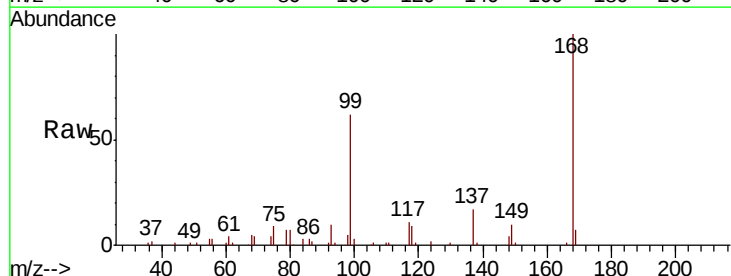
Instrument :
MSVOA_N
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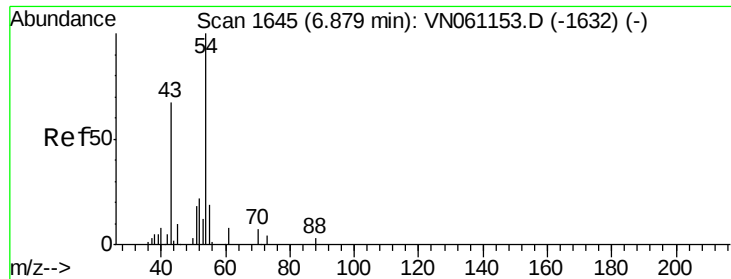
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	18.1	14.7	22.1



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.13 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.0	48.0#
77	0.0	24.6	37.0#

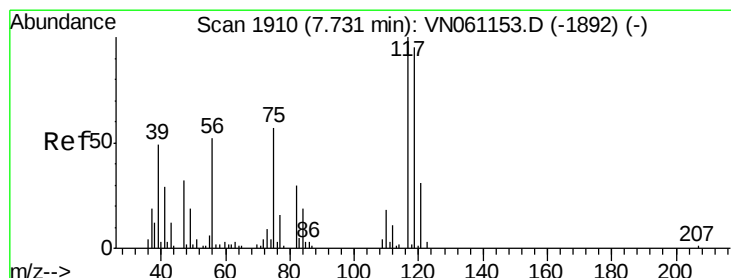
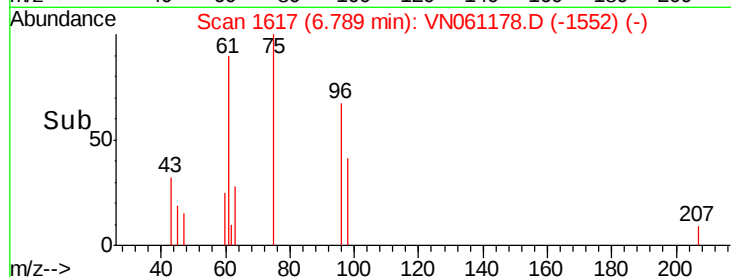
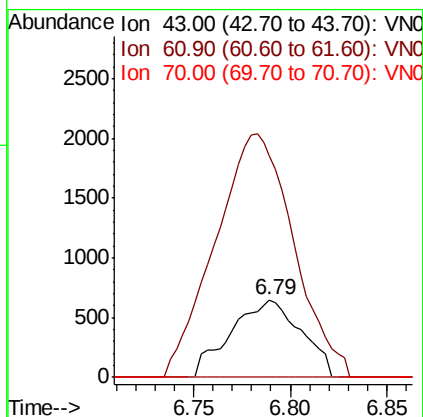
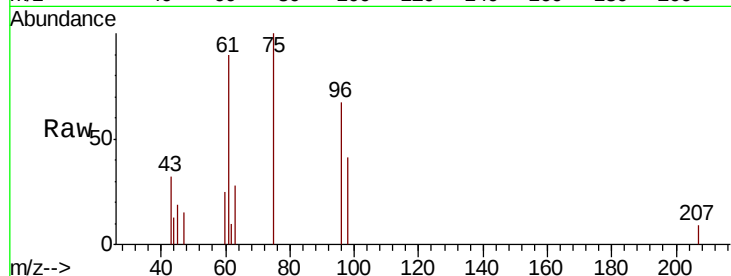




#37
Ethyl Acetate
Concen: 0.760 ug/l
RT: 6.79 min Scan# 1617
Delta R.T. -0.09 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

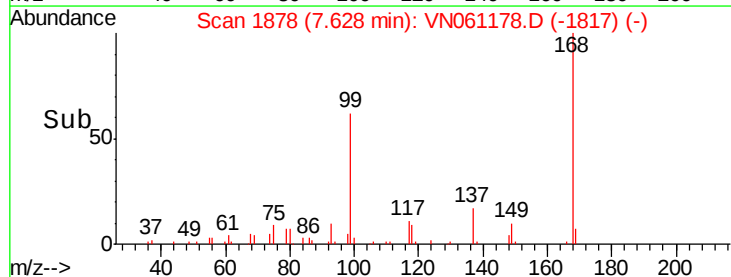
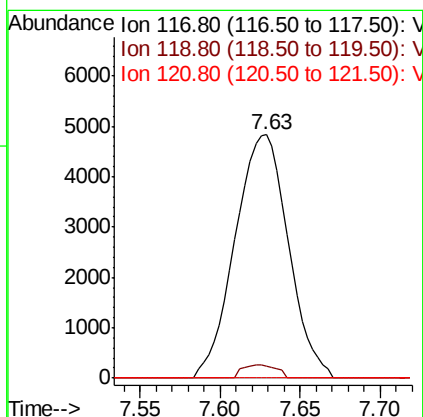
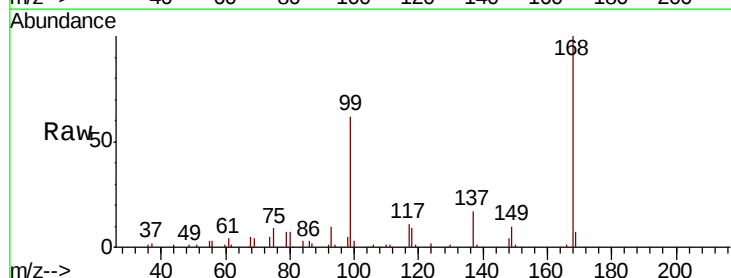
Instrument :
MSVOA_N
ClientSampled :
PB128479TB

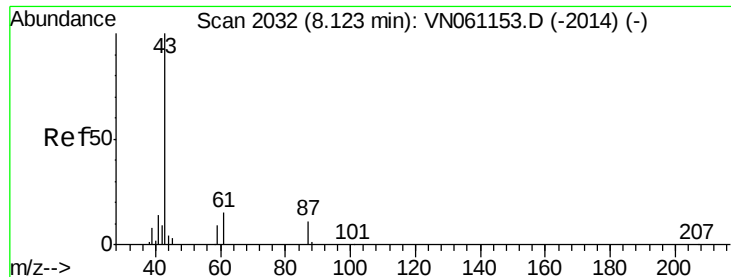
Tot Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
61 350.5 10.2 15.2#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 7.500 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. -0.10 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion: 117 Resp: 11030
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 12.054 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

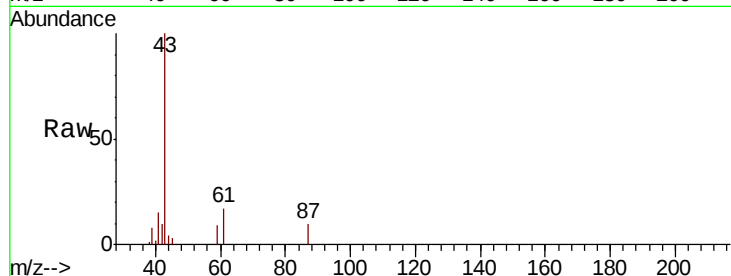
Tot Ion: 43 Resp: 43131

Ion Ratio Lower Upper

43 100

61 17.0 19.5 29.3#

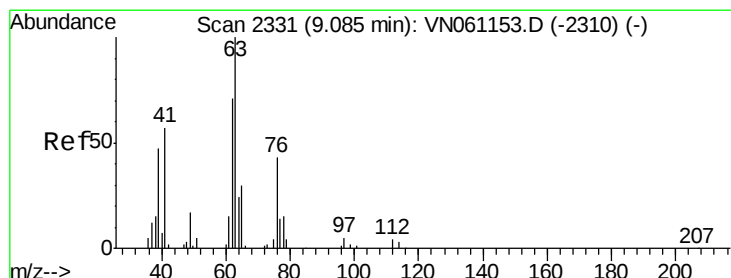
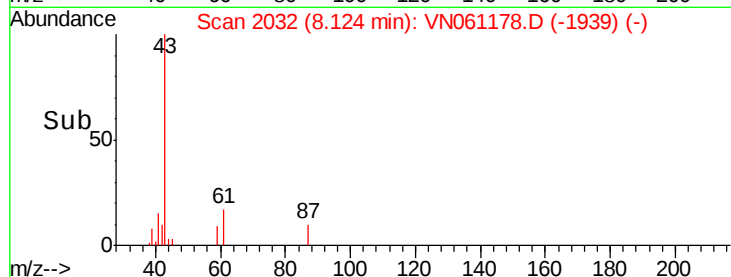
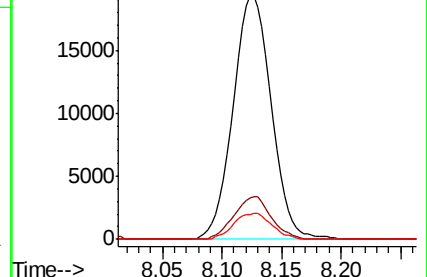
87 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#45

1,2-Dichloropropane

Concen: 0.500 ug/l

RT: 9.23 min Scan# 2377

Delta R.T. 0.15 min

Lab File: VN061178.D

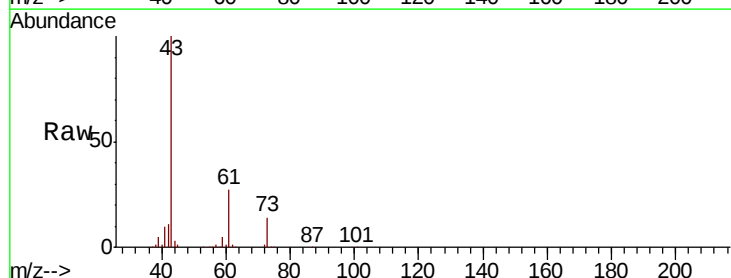
Acq: 28 Apr 2020 21:04

Tgt Ion: 63 Resp: 732

Ion Ratio Lower Upper

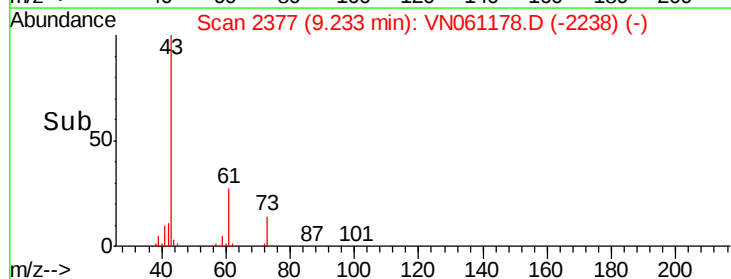
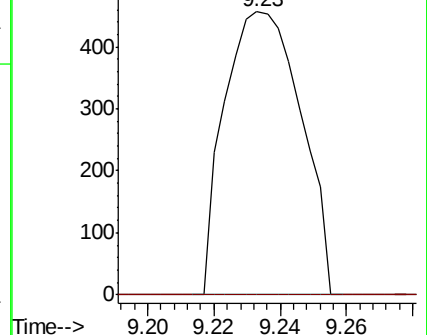
63 100

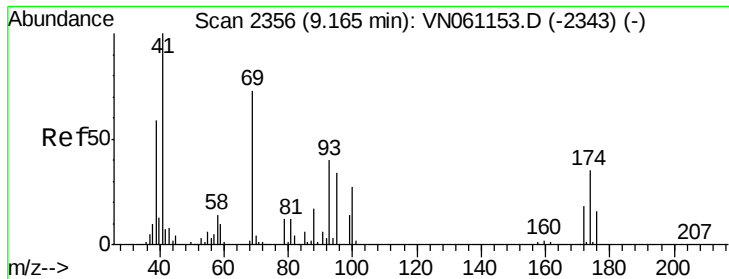
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VN061178.D (-2238) (-)

Ion 64.90 (64.60 to 65.60): VN061178.D (-2238) (-)

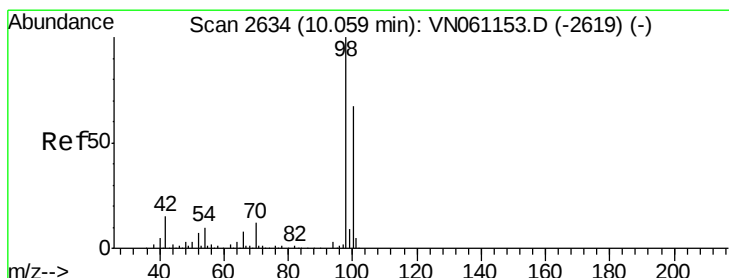
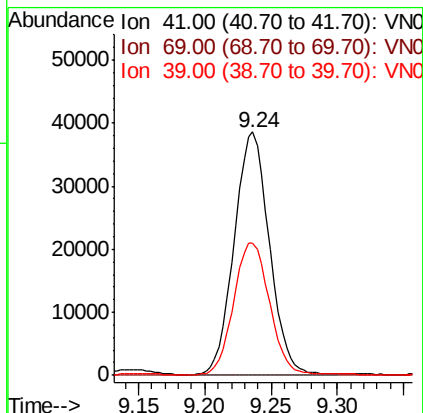
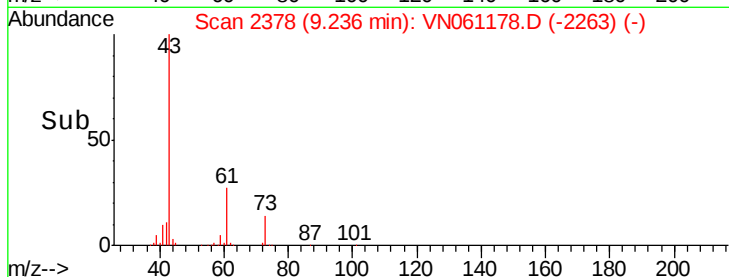
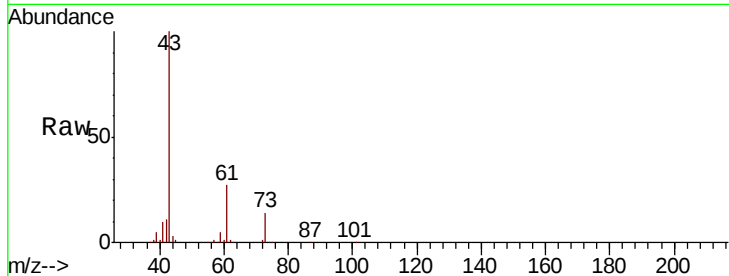




#48
Methvl methacrylate
Concen: 44.327 ug/l
RT: 9.24 min Scan# 2378
Delta R.T. 0.07 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

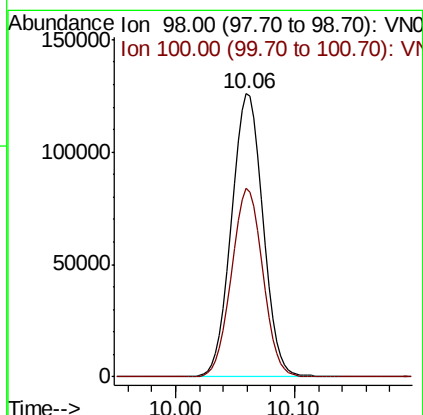
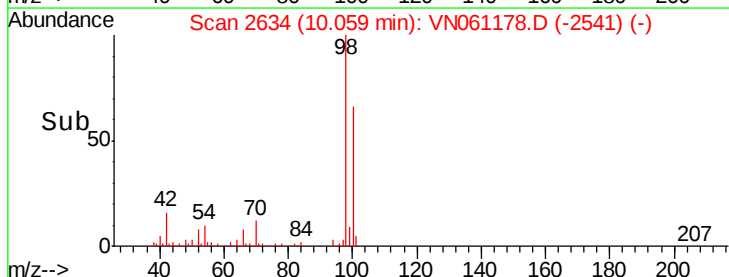
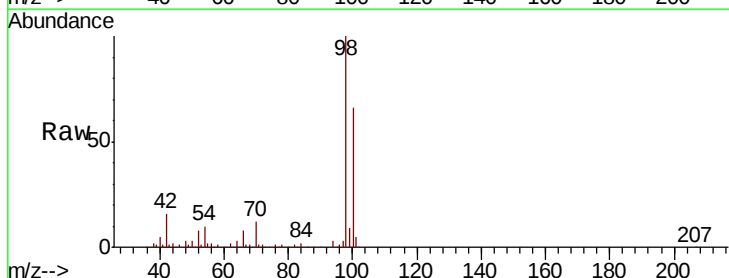
Instrument :
MSVOA_N
ClientSampleId :
PB128479TB

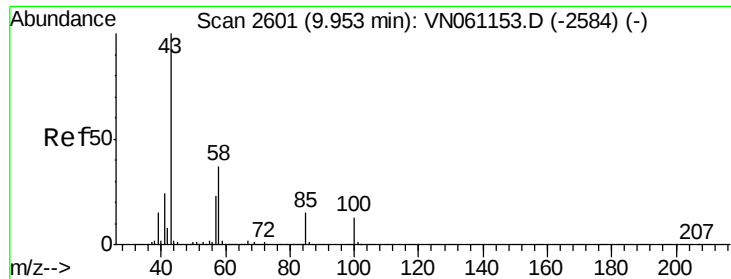
Tot Ion: 41 Resp: 71569
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 55.6 47.4 71.0



#50
Toluene-d8
Concen: 52.338 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion: 98 Resp: 231772
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

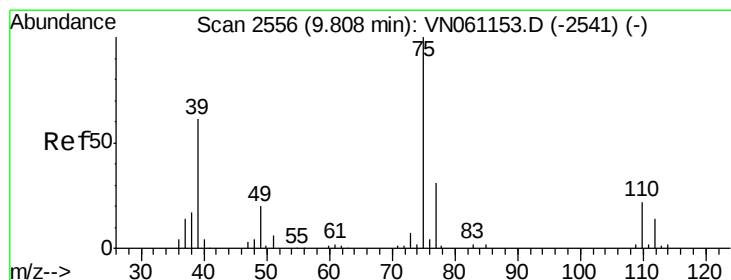
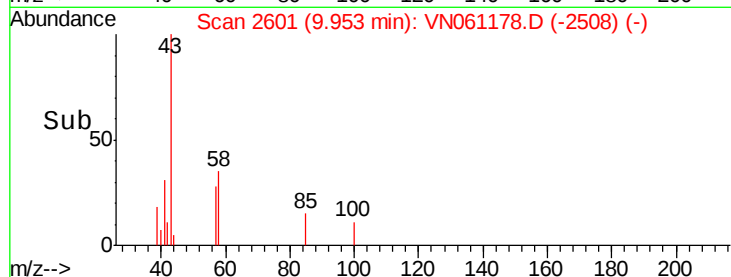
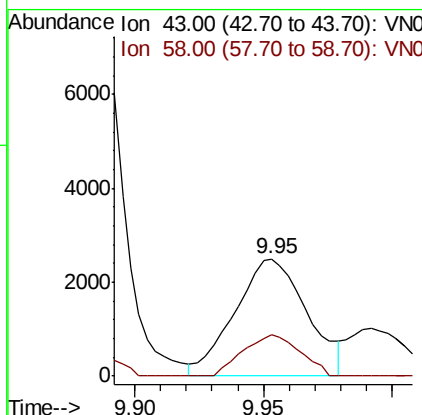
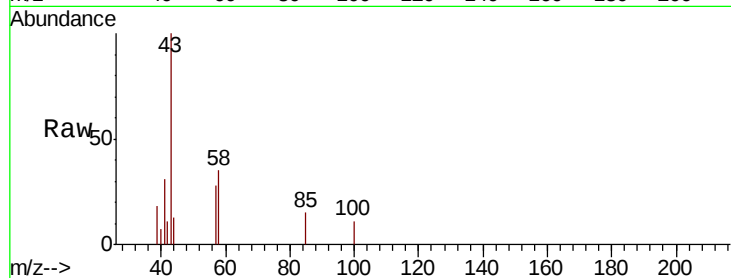




#51
 4-Methyl-2-Pentanone
 Concen: 2.308 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

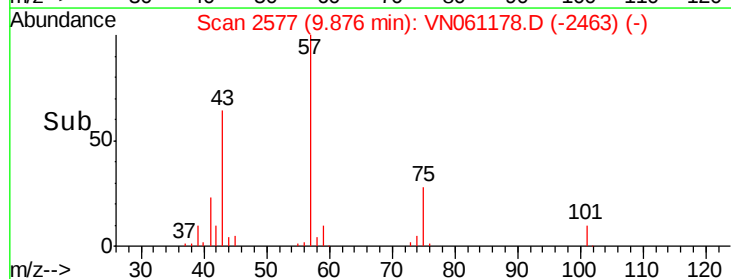
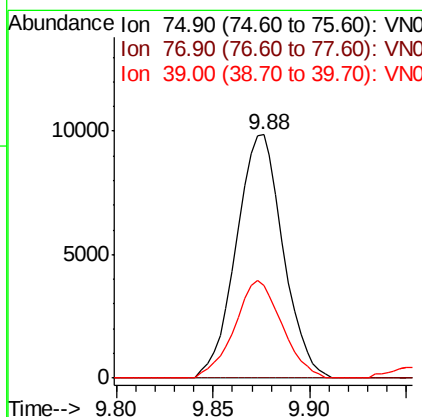
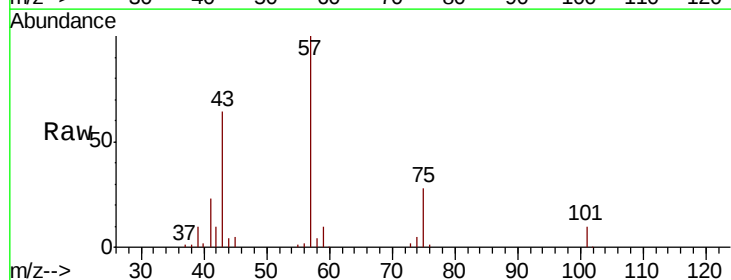
Instrument :
 MSVOA_N
 ClientSampleID :
 PB128479TB

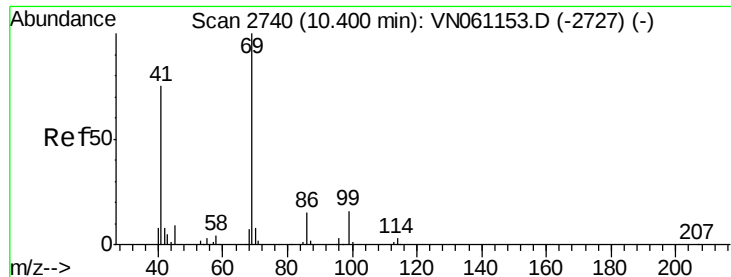
Tot Ion: 43 Resp: 4860
 Ion Ratio Lower Upper
 43 100
 58 28.1 29.1 43.7#



#54
 cis-1,3-Dichloropropene
 Concen: 7.156 ug/l
 RT: 9.88 min Scan# 2577
 Delta R.T. 0.07 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

Tgt Ion: 75 Resp: 16583
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 38.1 48.7 73.1#





#56

Ethyl methacrylate

Concen: 2.941 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.12 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

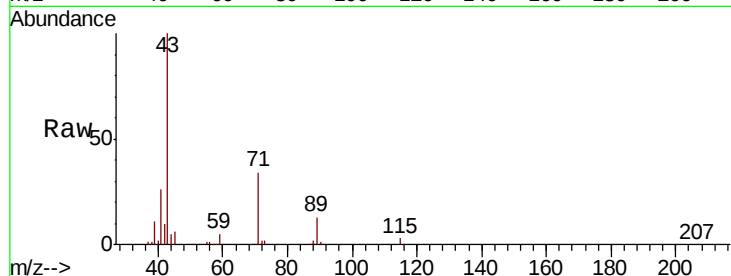
Tot Ion: 69 Resp: 519

Ion Ratio Lower Upper

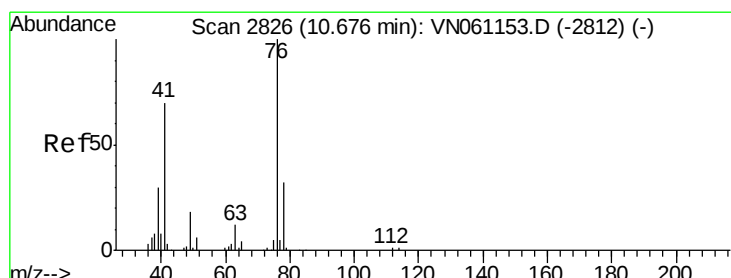
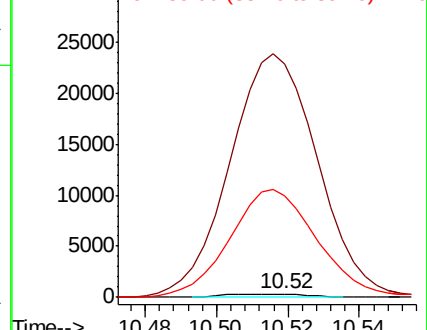
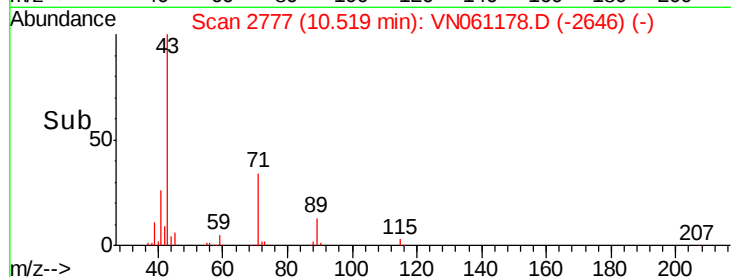
69 100

41 7900.6 60.3 90.5#

39 3480.7 35.9 53.9#



Abundance Ion 69.00 (68.70 to 69.70): VN061178.D (-2646) (-)



#57

1,3-Dichloropropane

Concen: 1.262 ug/l

RT: 10.73 min Scan# 2844

Delta R.T. 0.06 min

Lab File: VN061178.D

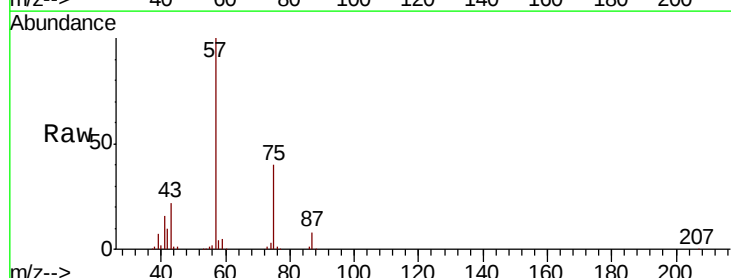
Acq: 28 Apr 2020 21:04

Tgt Ion: 76 Resp: 2921

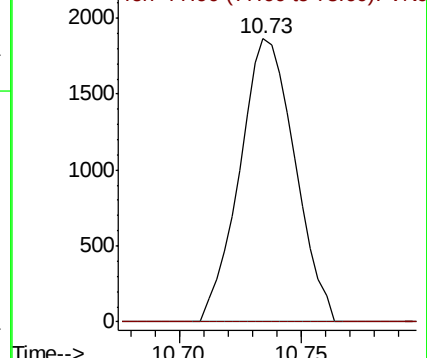
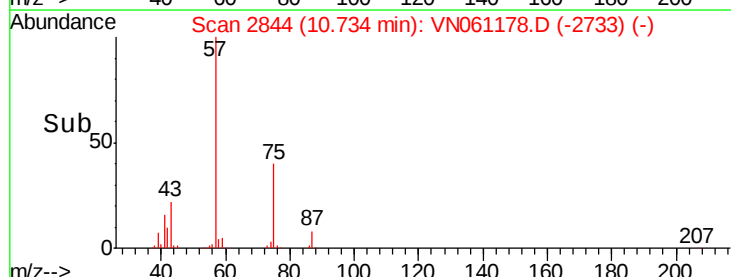
Ion Ratio Lower Upper

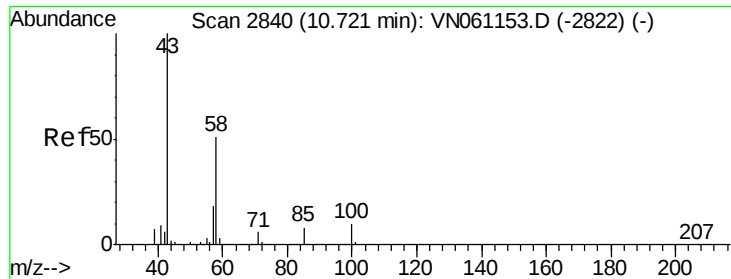
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN061178.D (-2733) (-)

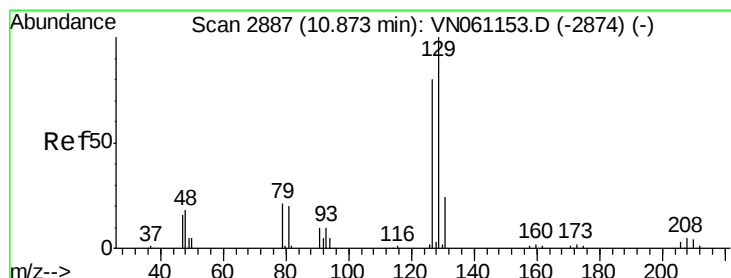
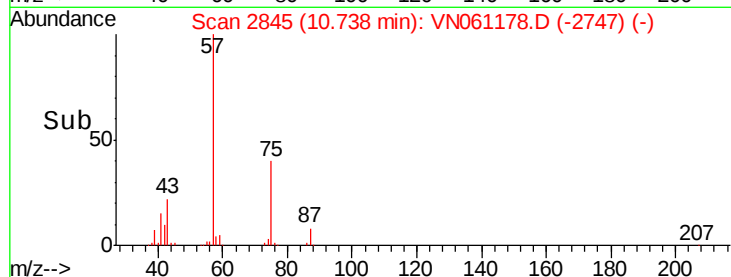
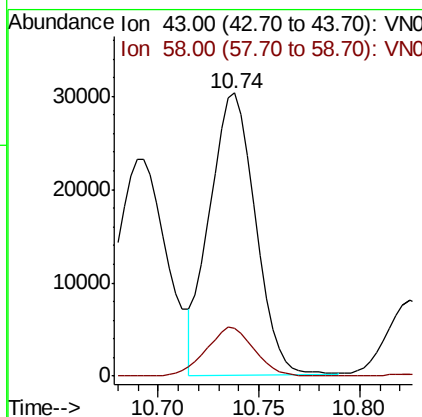
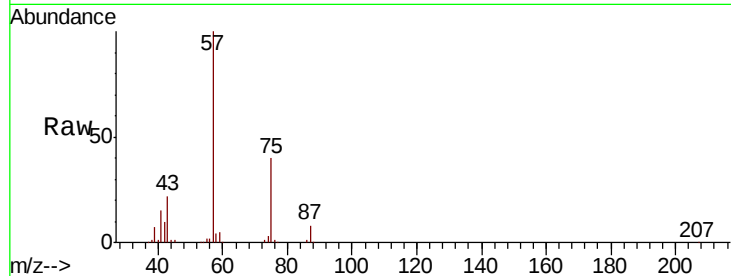




#59
2-Hexanone
Concen: 31.171 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.02 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

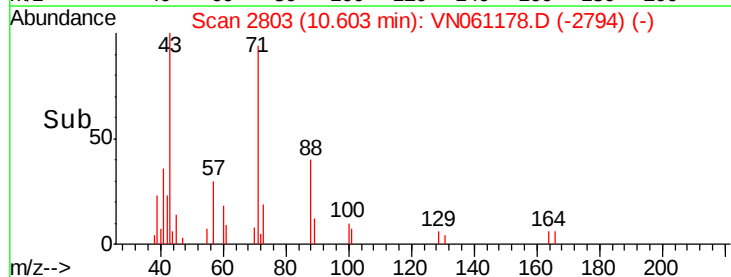
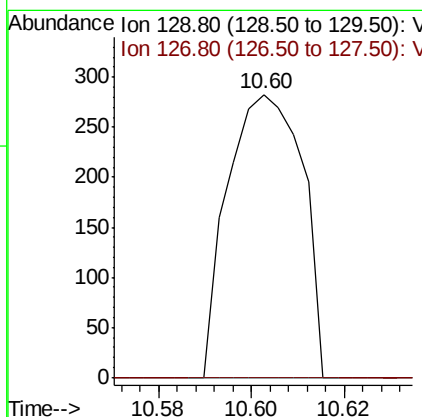
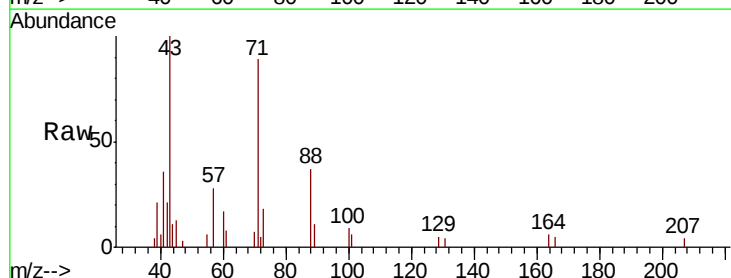
Instrument :
MSVOA_N
ClientSampled :
PB128479TB

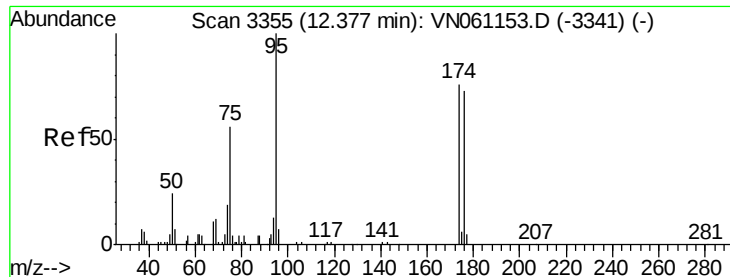
Tot Ion: 43 Resp: 47760
Ion Ratio Lower Upper
43 100
58 18.0 25.4 76.4#



#60
Dibromochloromethane
Concen: 0.228 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. -0.27 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion: 129 Resp: 315
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#





#62

4-Bromofluorobenzene

Concen: 54.684 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

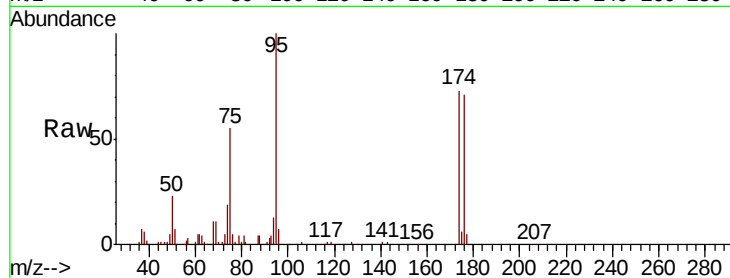
Tot Ion: 95 Resp: 91129

Ion Ratio Lower Upper

95 100

174 72.6 0.0 149.4

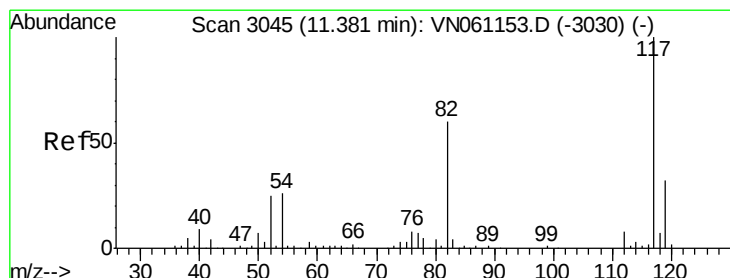
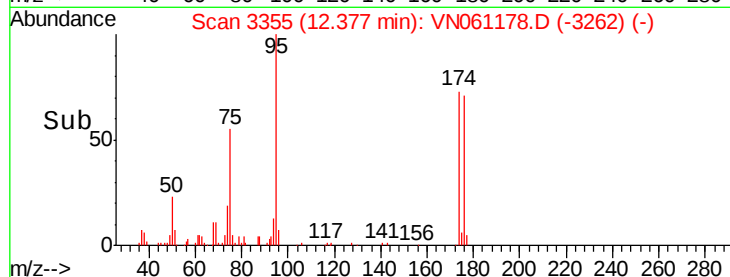
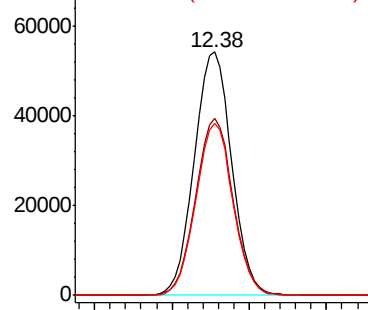
176 70.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061178.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061178.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061178.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

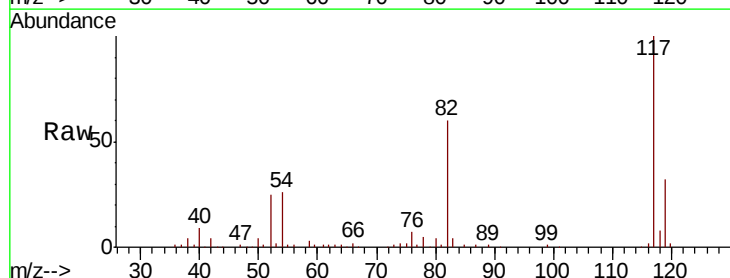
Tgt Ion: 117 Resp: 182317

Ion Ratio Lower Upper

117 100

82 60.3 47.8 71.8

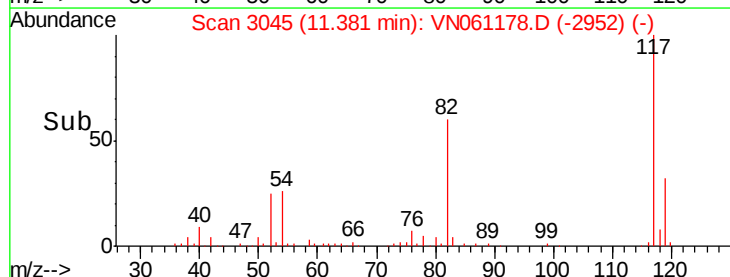
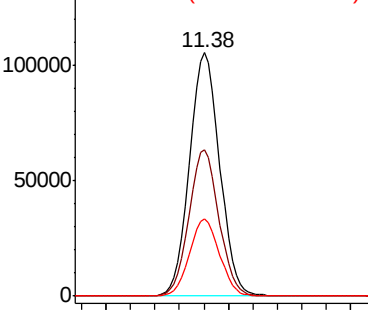
119 31.8 25.8 38.6

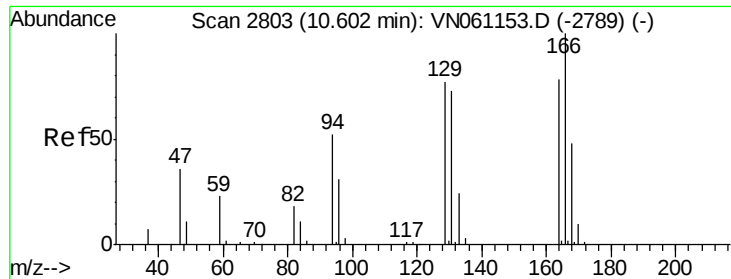


Abundance Ion 116.90 (116.60 to 117.60): VN061178.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061178.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061178.D (-2952) (-)





#64

Tetrachloroethene

Concen: 0.216 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

PB128479TB

Tot Ion:164 Resp: 341

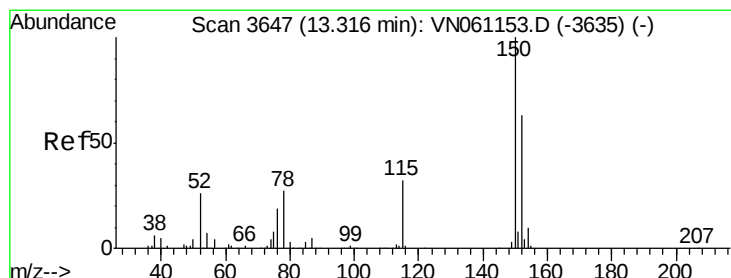
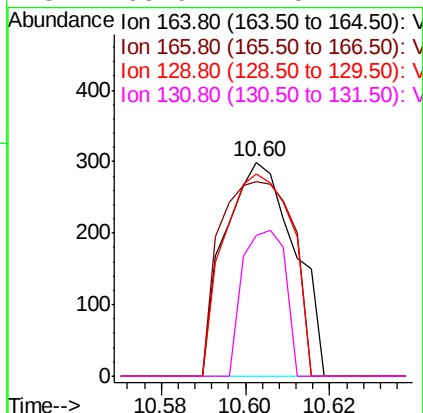
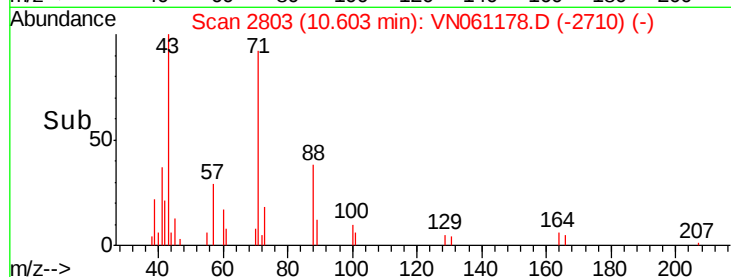
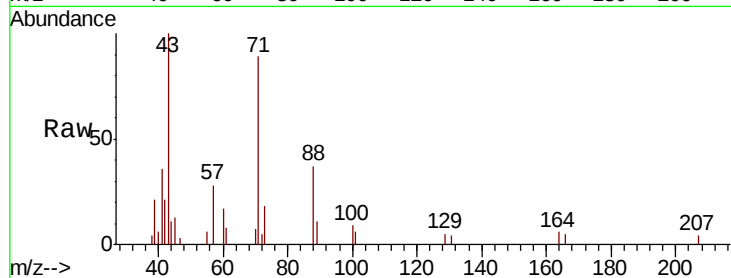
Ion Ratio Lower Upper

164 100

166 91.3 102.0 153.0#

129 94.6 78.2 117.2

131 65.9 74.5 111.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

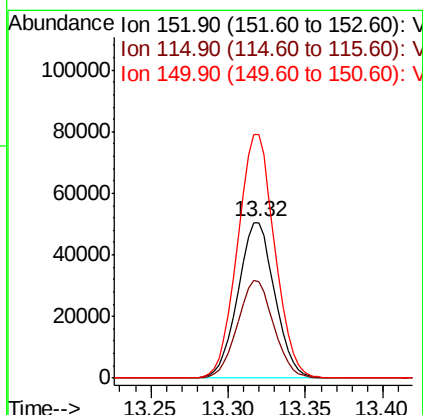
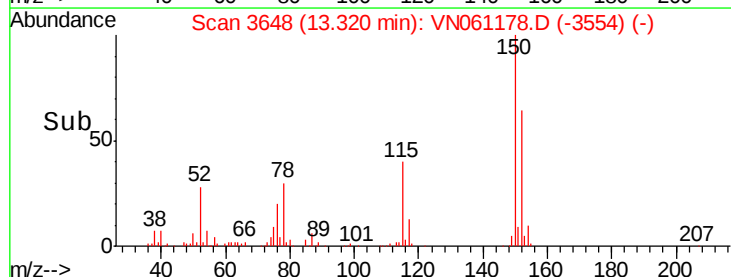
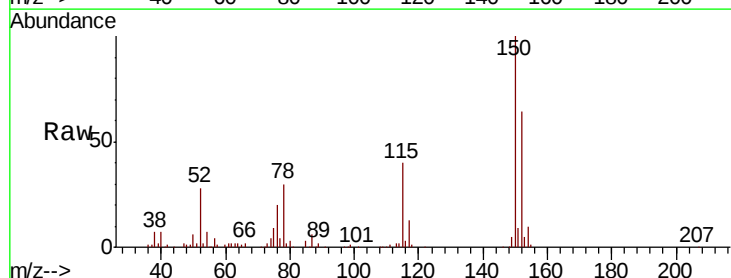
Tgt Ion:152 Resp: 83754

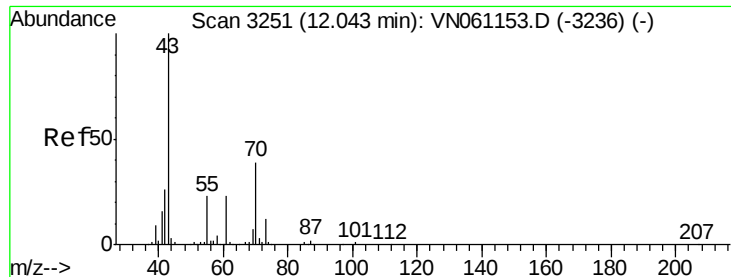
Ion Ratio Lower Upper

152 100

115 61.5 31.0 93.0

150 157.0 0.0 351.8





#74

N-amvl acetate

Concen: 0.307 ug/l

RT: 12.04 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

PB128479TB

Tot Ion: 43 Resp: 956

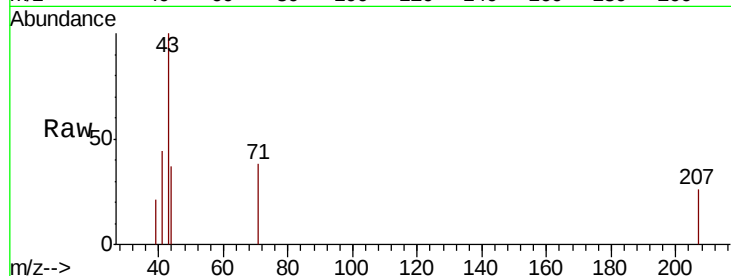
Ion Ratio Lower Upper

43 100

70 3.2 30.6 46.0#

55 0.0 18.5 27.7#

61 0.0 17.9 26.9#

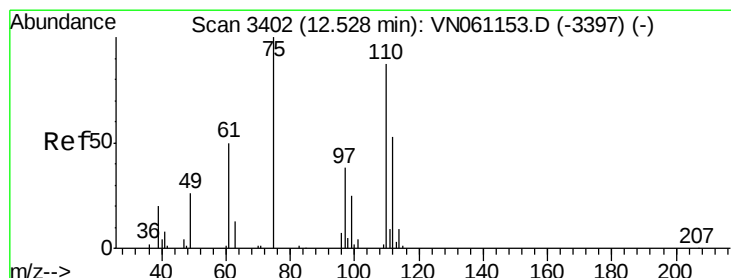
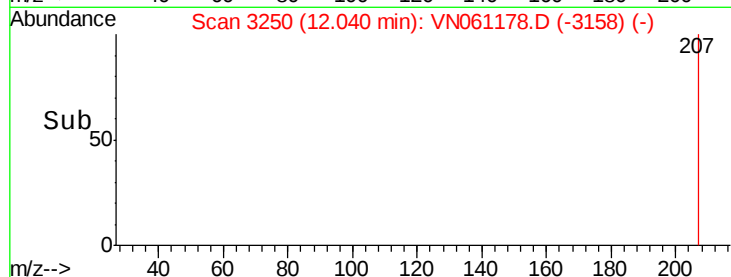
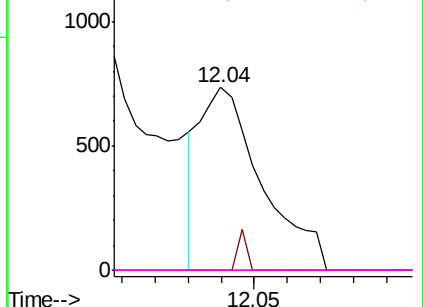


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 28.365 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061178.D

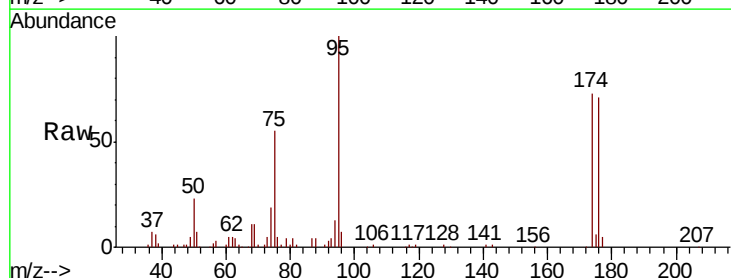
Acq: 28 Apr 2020 21:04

Tgt Ion: 75 Resp: 50086

Ion Ratio Lower Upper

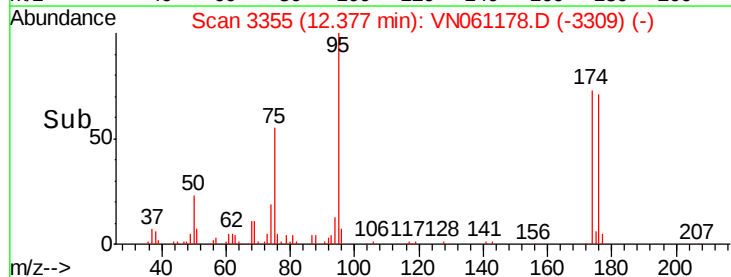
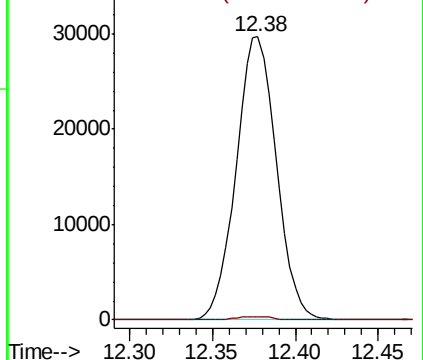
75 100

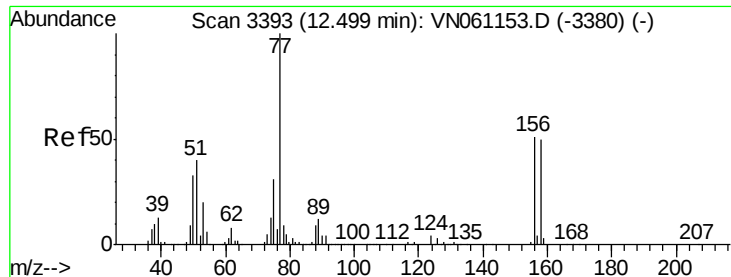
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.227 ug/l

RT: 12.49 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

PB128479TB

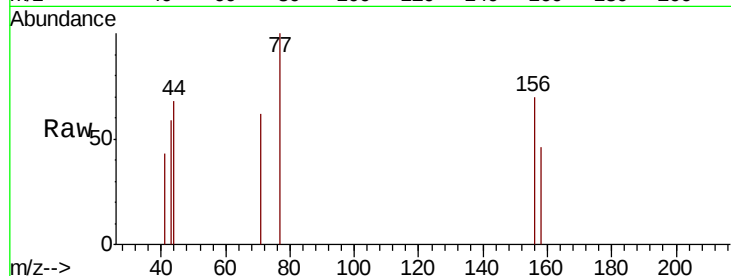
Tot Ion:156 Resp: 323

Ion Ratio Lower Upper

156 100

77 0.0 117.4 352.2#

158 19.5 48.4 145.0#

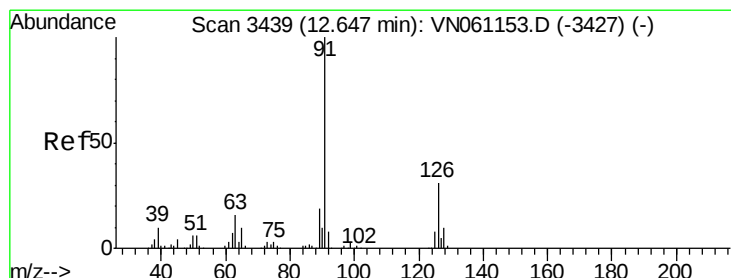
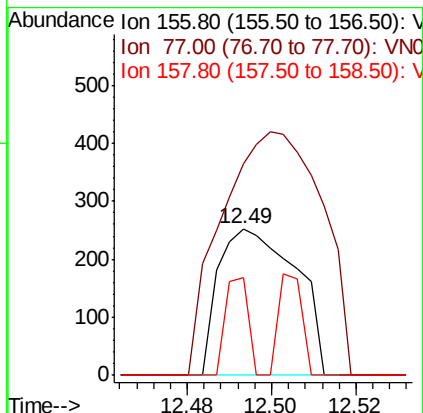
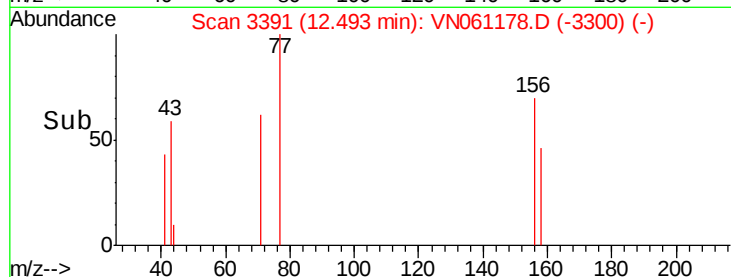


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

Time-->



#79

2-Chlorotoluene

Concen: 0.243 ug/l

RT: 12.75 min Scan# 3471

Delta R.T. 0.10 min

Lab File: VN061178.D

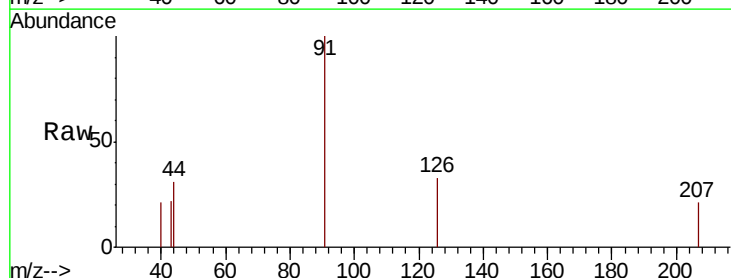
Acq: 28 Apr 2020 21:04

Tgt Ion: 91 Resp: 1042

Ion Ratio Lower Upper

91 100

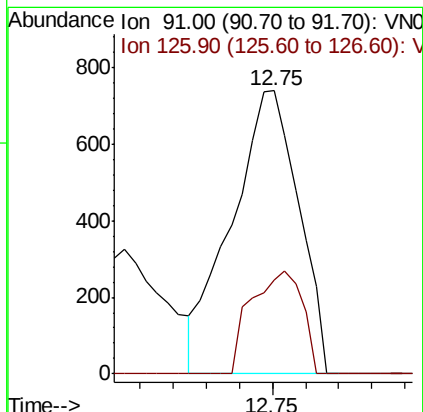
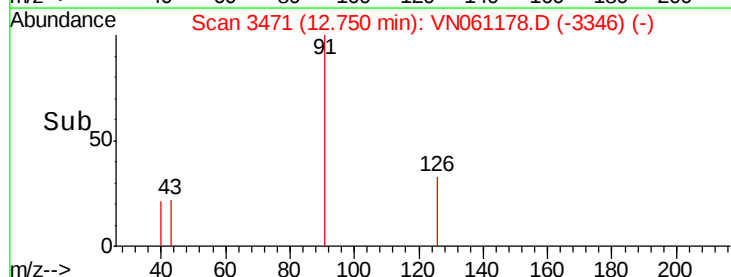
126 27.6 15.9 47.7

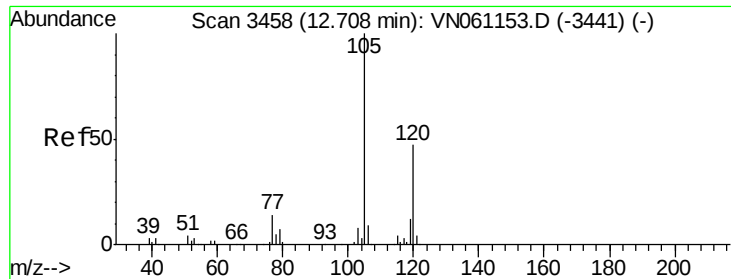


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

Time-->

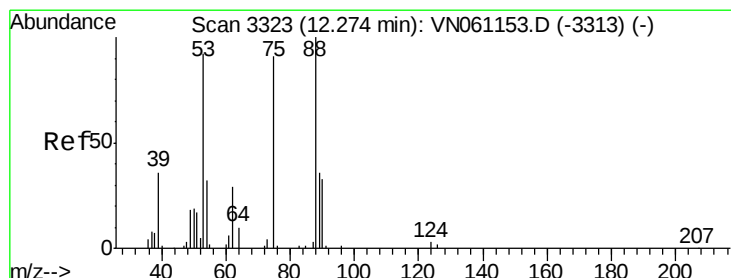
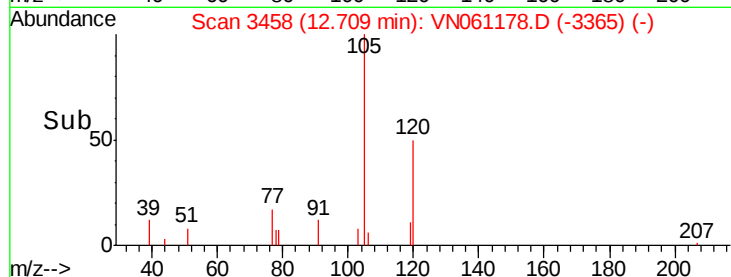
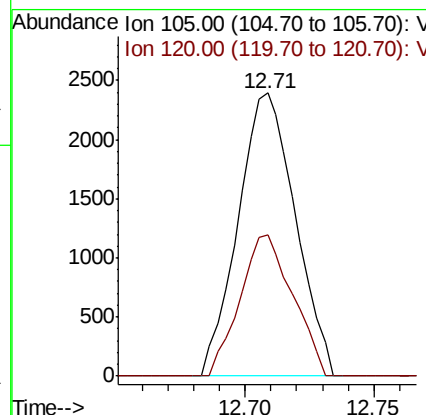
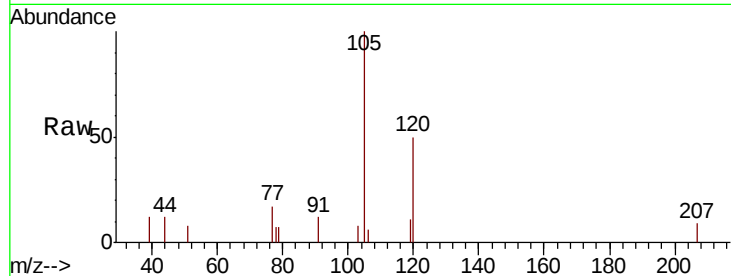




#80
 1,3,5-Trimethylbenzene
 Concen: 0.727 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

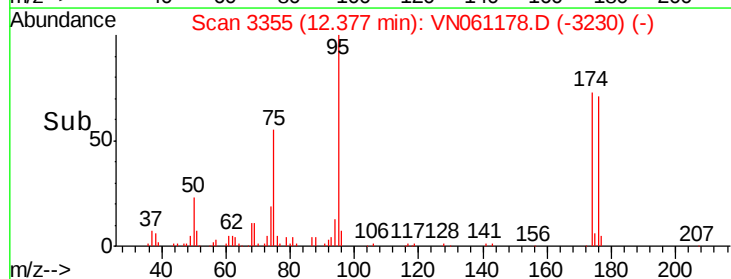
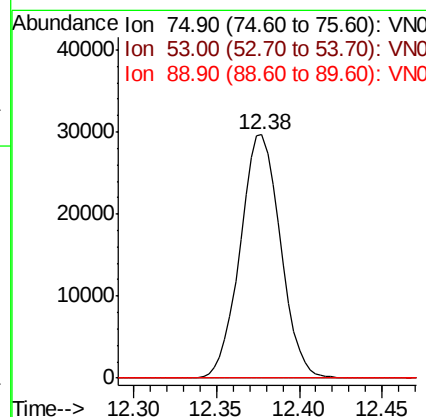
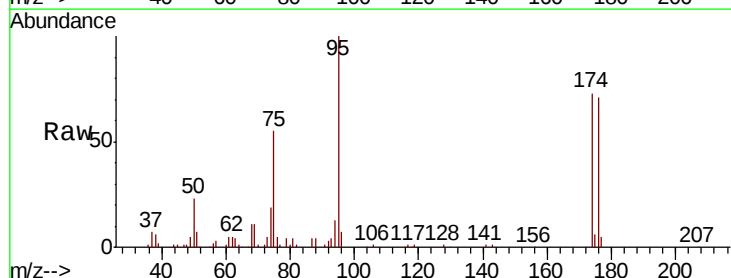
Instrument :
 MSVOA_N
 ClientSampled :
 PB128479TB

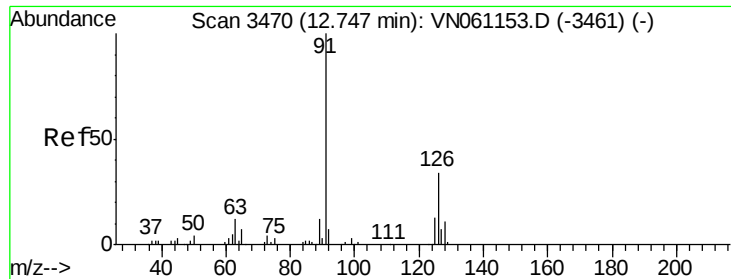
Tot Ion:105 Resp: 3703
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.033 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

Tgt Ion: 75 Resp: 50086
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

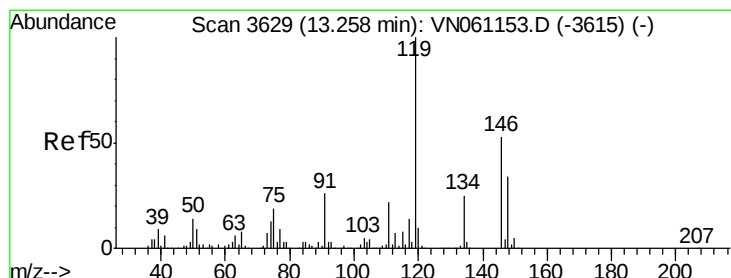
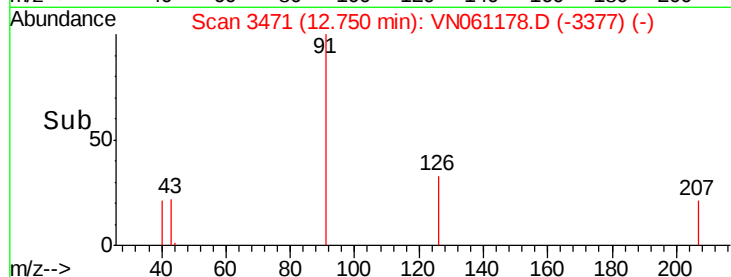
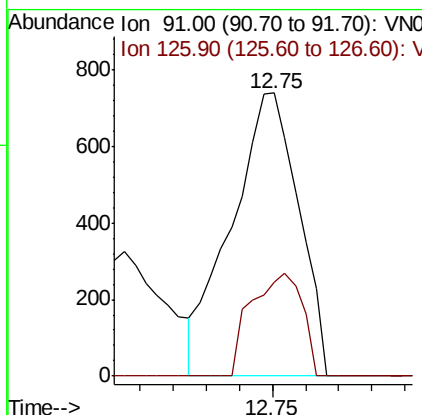
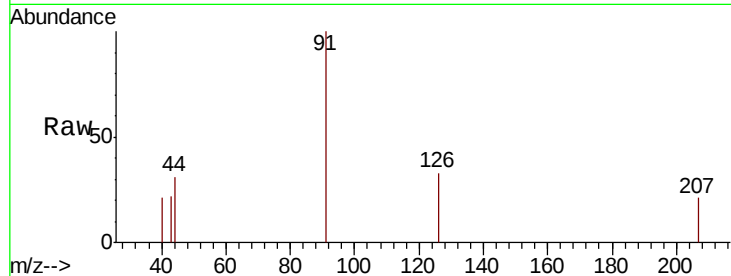




#82
4-Chlorotoluene
Concen: 0.230 ug/l
RT: 12.75 min Scan# 3471
Delta R.T. 0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

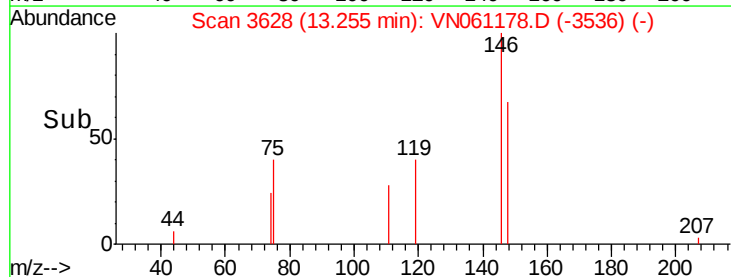
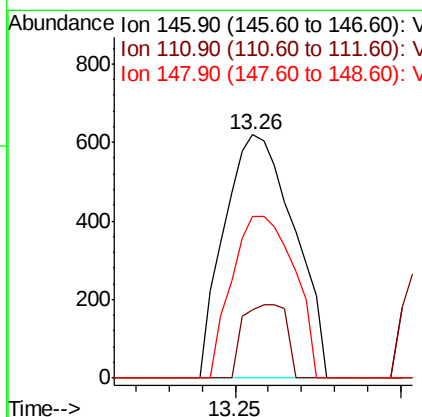
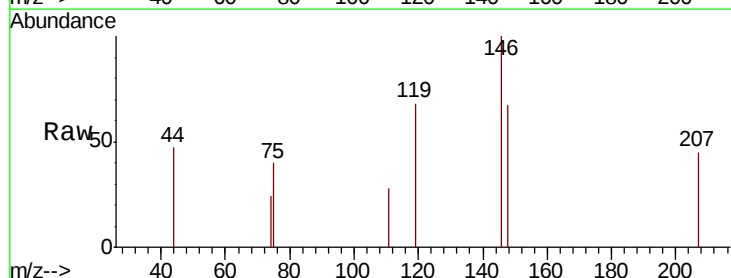
Instrument :
MSVOA_N
ClientSampled :
PB128479TB

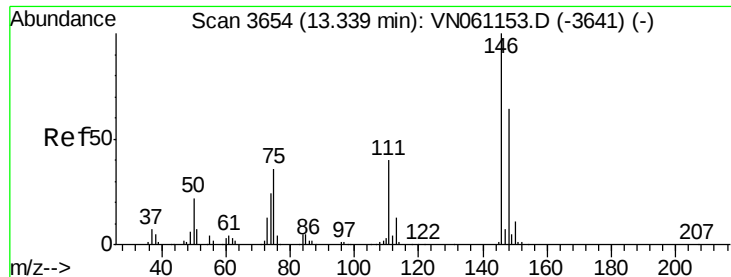
Tot Ion: 91 Resp: 1042
Ion Ratio Lower Upper
91 100
126 27.6 15.7 47.1



#87
1,3-Dichlorobenzene
Concen: 0.347 ug/l
RT: 13.26 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VN061178.D
Acq: 28 Apr 2020 21:04

Tgt Ion: 146 Resp: 908
Ion Ratio Lower Upper
146 100
111 18.6 20.7 62.1#
148 59.0 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.437 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

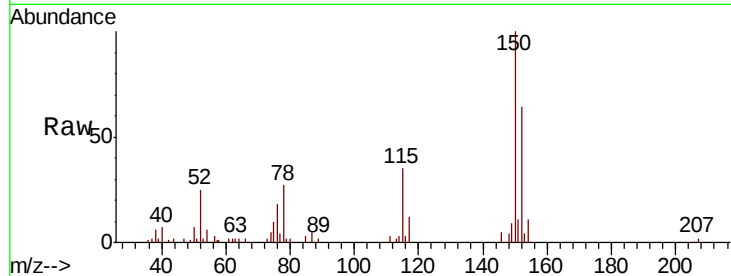
Tot Ion:146 Resp: 1168

Ion Ratio Lower Upper

146 100

111 141.2 20.4 61.3#

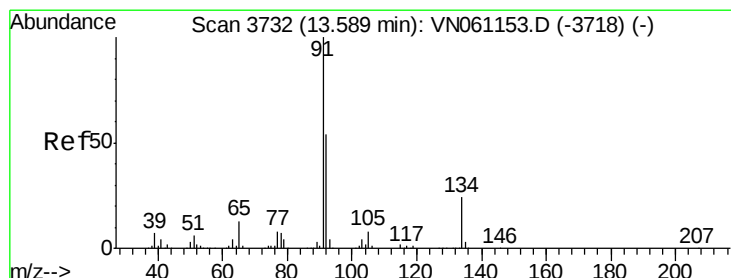
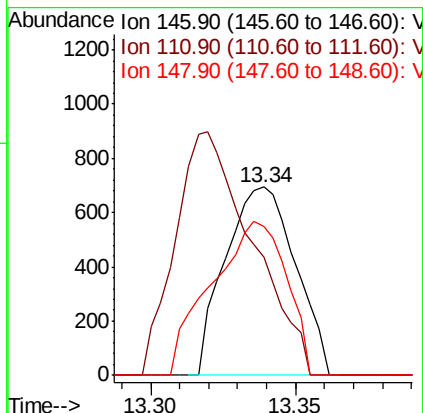
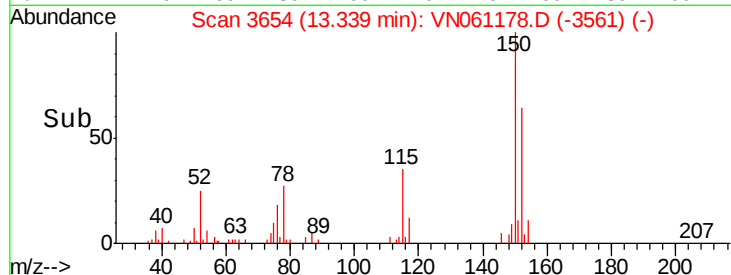
148 87.7 31.9 95.7



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: 0.335 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

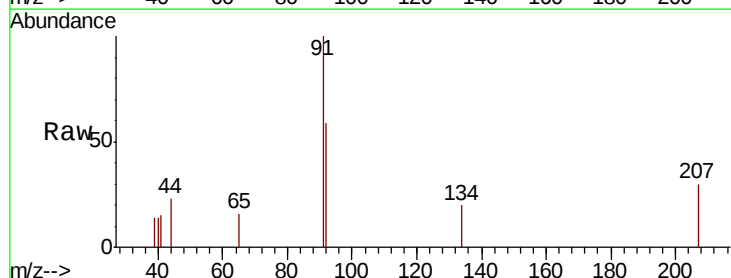
Tgt Ion: 91 Resp: 1621

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

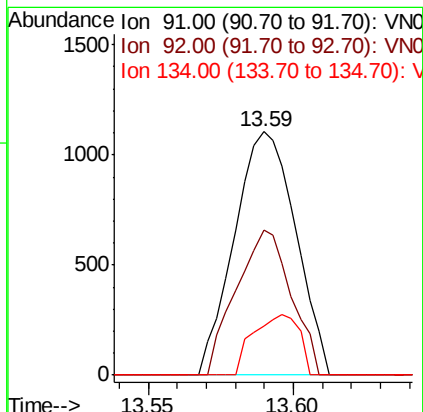
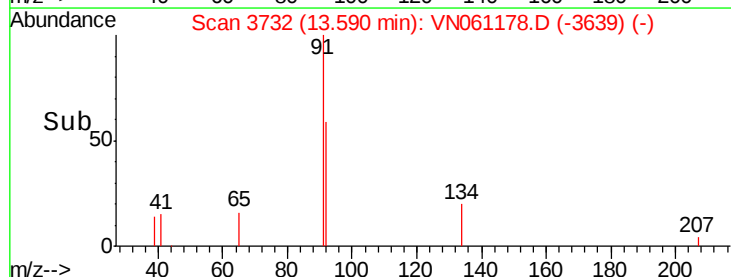
134 18.6 11.9 35.5

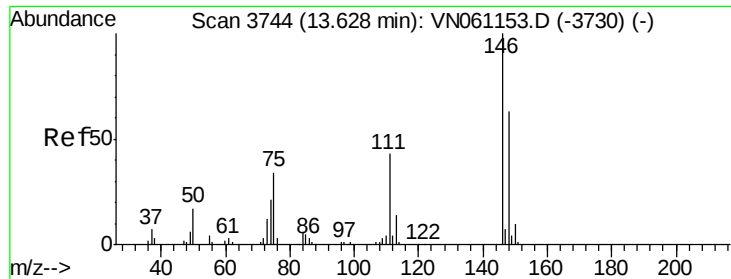


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.302 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

PB128479TB

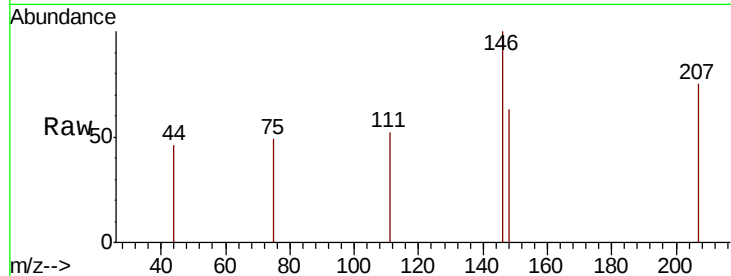
Tot Ion:146 Resp: 758

Ion Ratio Lower Upper

146 100

111 33.2 21.8 65.3

148 50.0 31.6 95.0



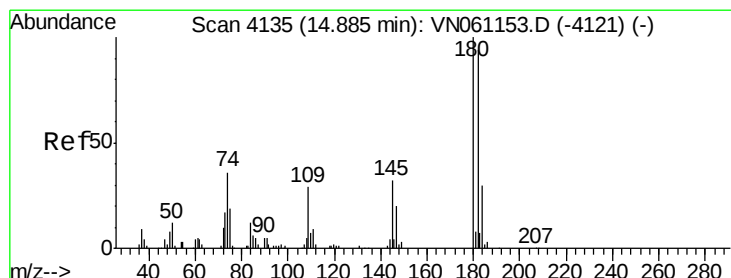
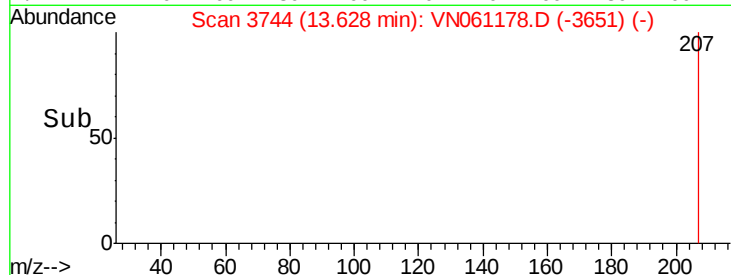
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.63

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.841 ug/l

RT: 14.88 min Scan# 4134

Delta R.T. -0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

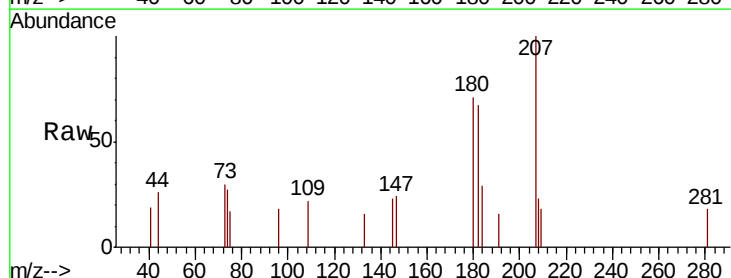
Tgt Ion:180 Resp: 1285

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 25.3 16.0 47.9



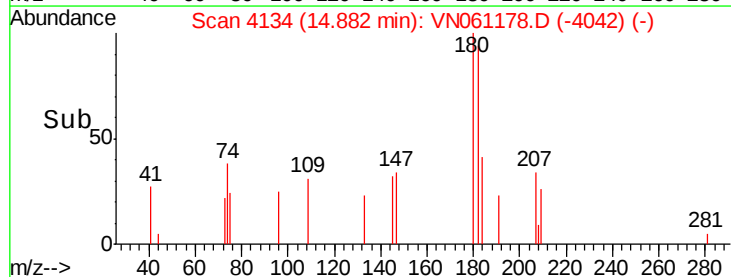
Abundance Ion 179.80 (179.50 to 180.50): V

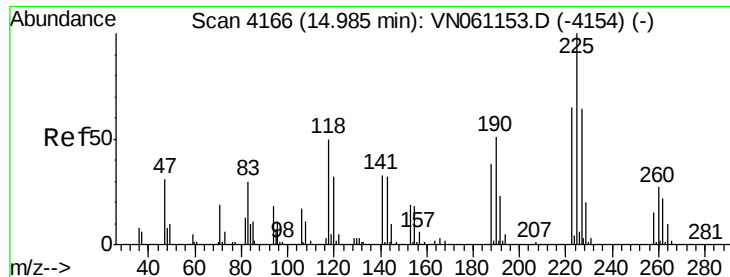
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.88

Time-->





#94

Hexachlorobutadiene

Concen: 0.888 ug/l

RT: 14.99 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

Instrument :

MSVOA_N

ClientSampled :

PB128479TB

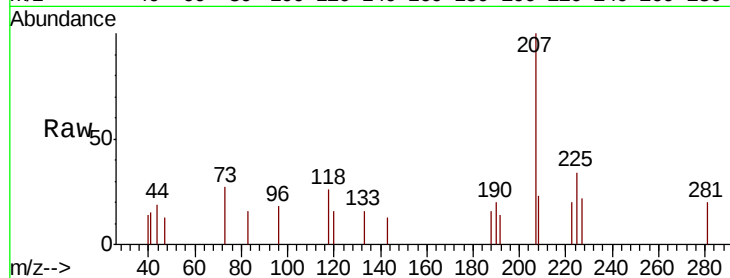
Tot Ion:225 Resp: 567

Ion Ratio Lower Upper

225 100

223 59.1 32.4 97.0

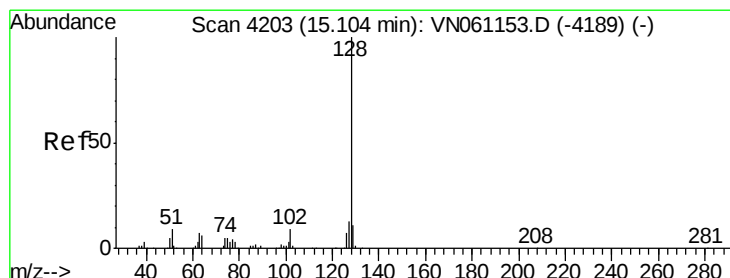
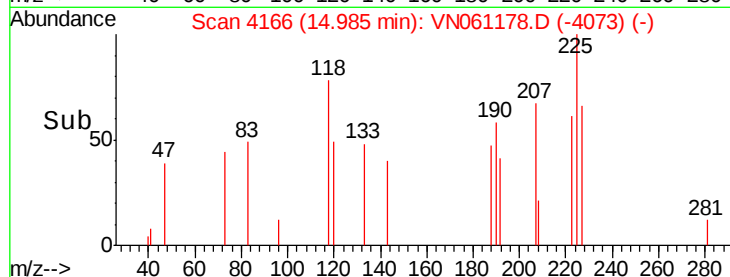
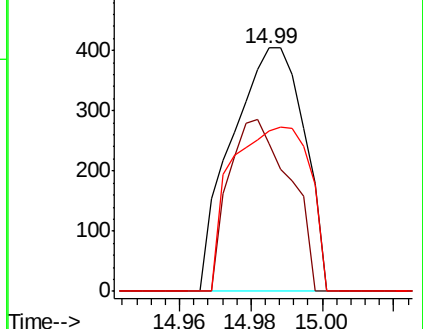
227 72.7 32.4 97.0



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: 1.067 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061178.D

Acq: 28 Apr 2020 21:04

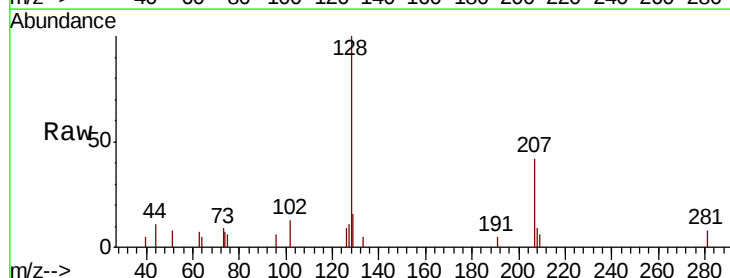
Tgt Ion:128 Resp: 5311

Ion Ratio Lower Upper

128 100

127 9.8 10.4 15.6#

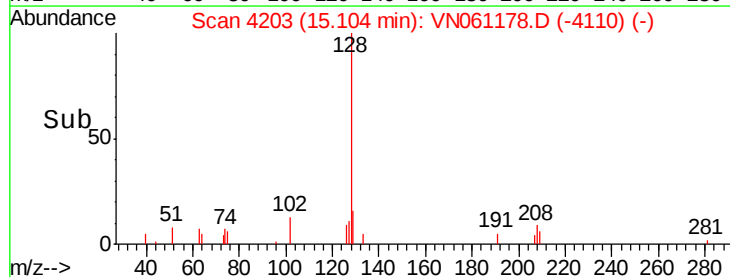
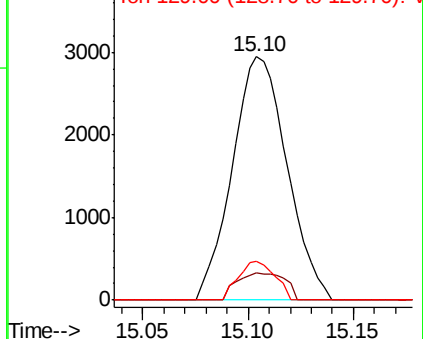
129 10.6 8.7 13.1

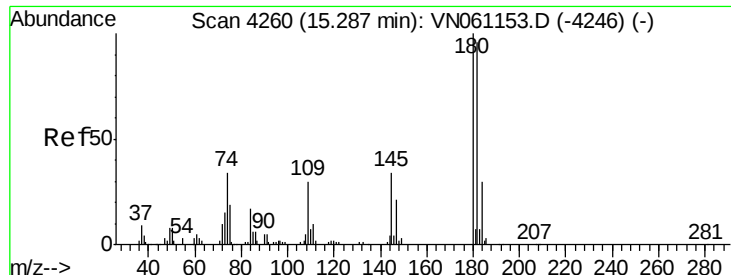


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.049 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061178.D
 Acq: 28 Apr 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128479TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.1	47.5	142.5
145	28.5	16.9	50.7

