

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008178.D
 Acq On : 04 Apr 2022 14:19
 Operator : SY/MD
 Sample : N2220-02RE
 Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

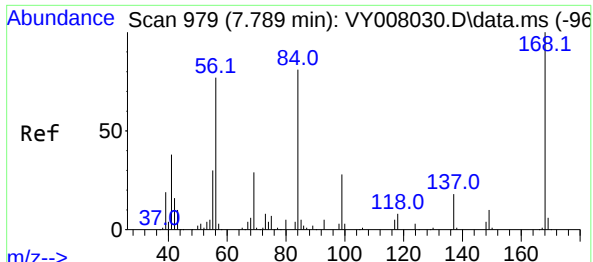
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	131960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74916	56.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.722	113	75133	50.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.185	98	287142	51.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.489	95	92895	47.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	393	1.912	ug/l #	42
16) Acetone	3.954	43	601	1.986	ug/l #	74
18) Methyl Acetate	4.491	43	253	Below Cal	#	72
20) Methylene Chloride	4.716	84	5469	Below Cal	#	81
31) Cyclohexane	7.789	56	2670	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10213	4.378	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13363	5.257	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	51749	50.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51749	113.174	ug/l #	9

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

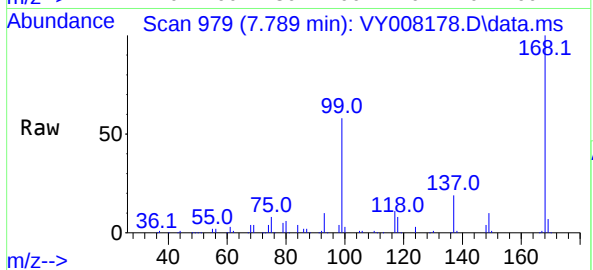
Quant Time: Apr 05 04:41:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



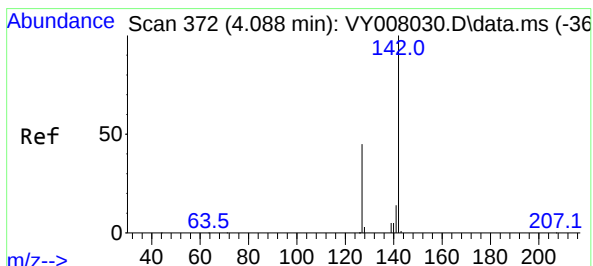
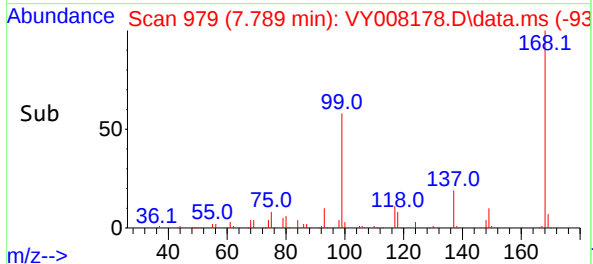
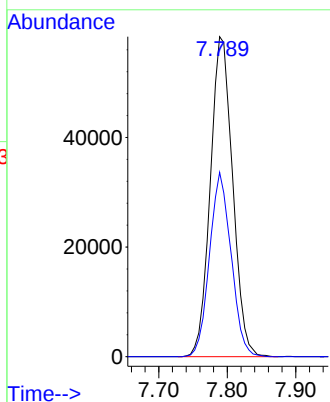


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :

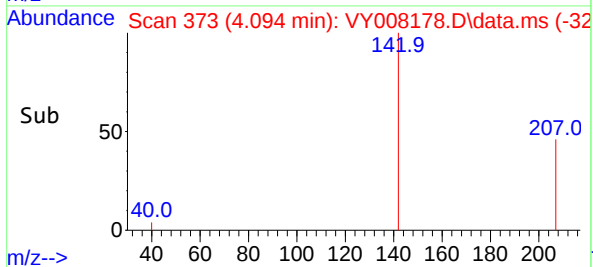
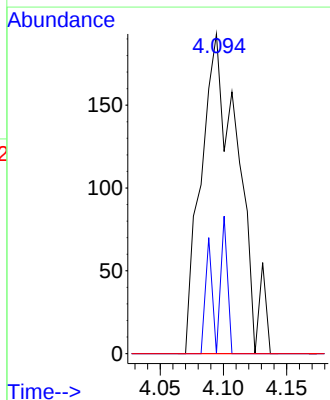
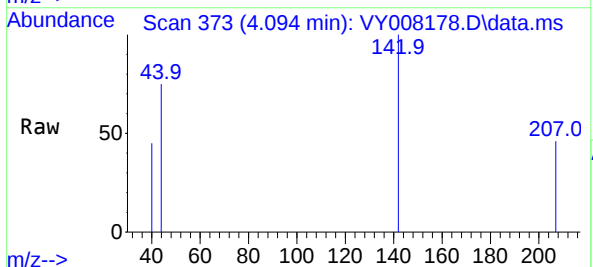


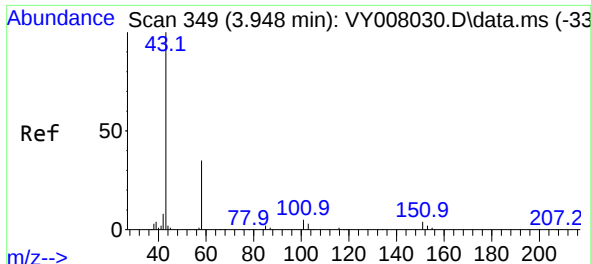
Tgt Ion:168 Resp: 131960
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.912 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

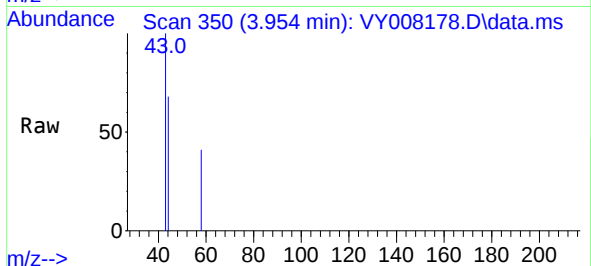
Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
127 6.6 41.5 62.3#
141 0.0 11.9 17.9#



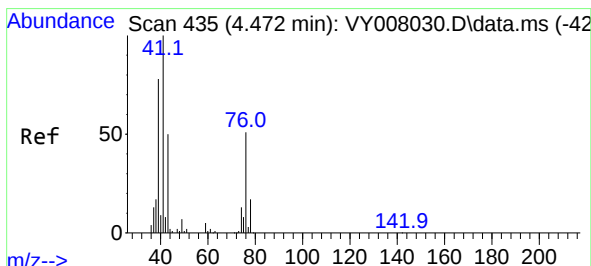
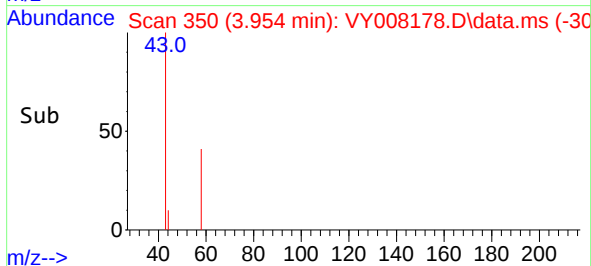
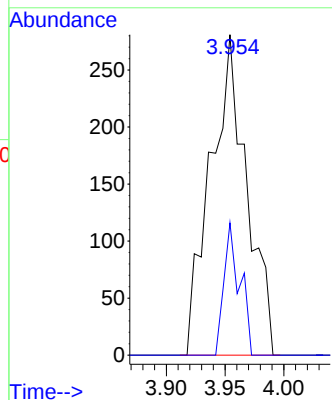


#16
Acetone
Concen: 1.986 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :

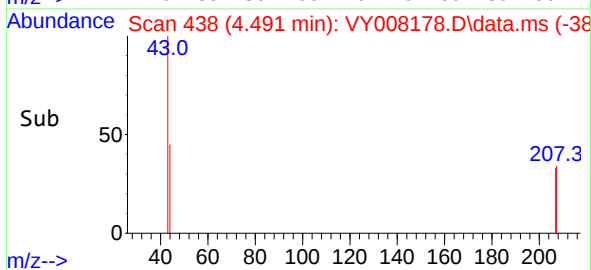
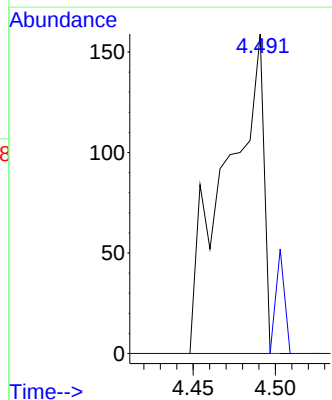
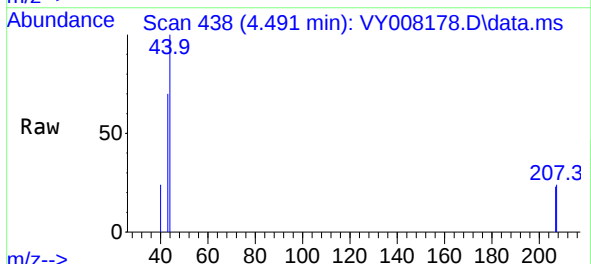


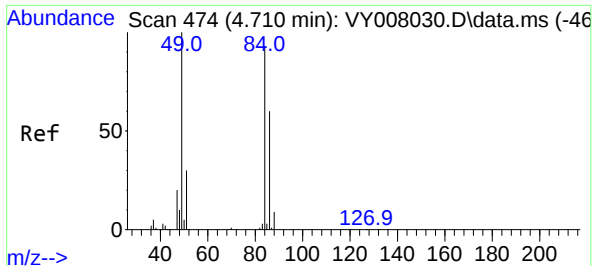
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 41.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 7.5 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

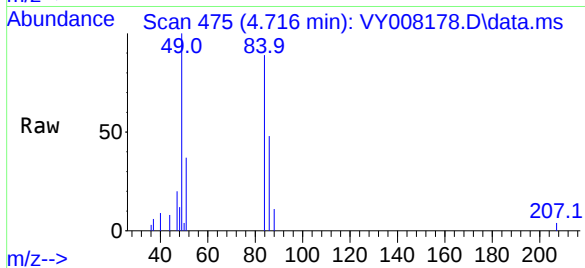
Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 5469

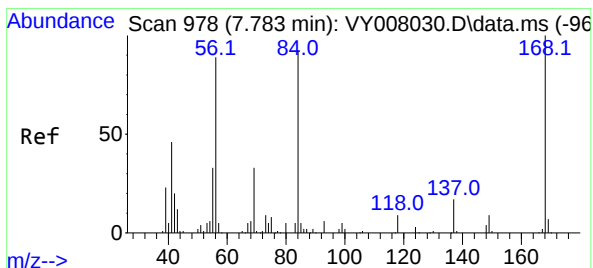
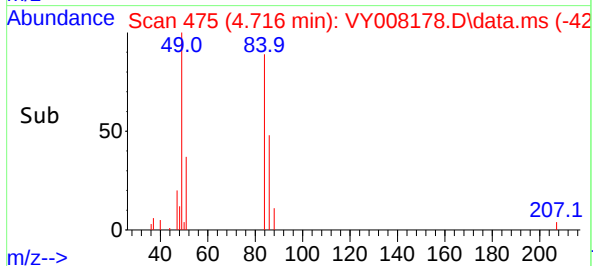
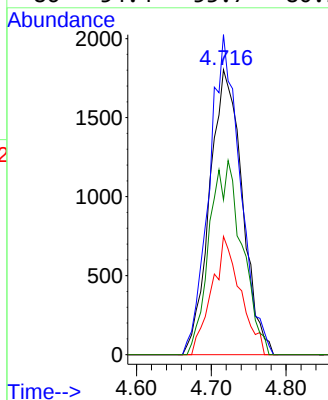
Ion Ratio Lower Upper

84 100

49 112.3 114.4 171.6#

51 41.5 35.3 52.9

86 54.4 53.7 80.5



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

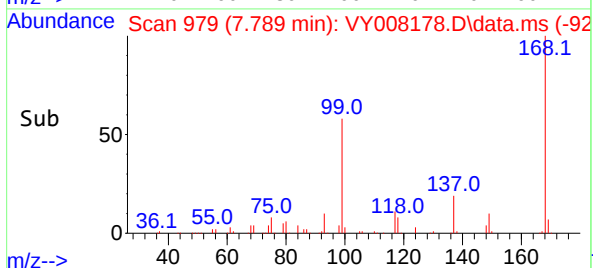
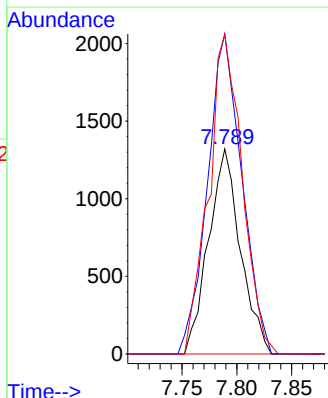
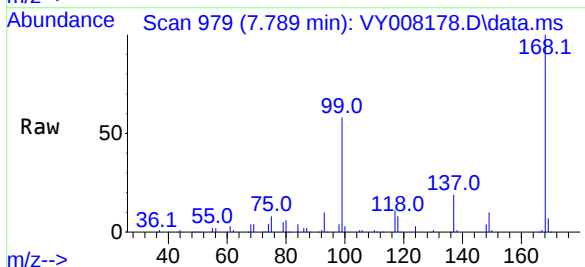
Tgt Ion: 56 Resp: 2670

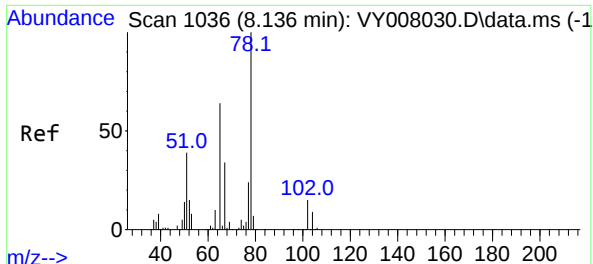
Ion Ratio Lower Upper

56 100

69 156.1 26.7 40.1#

84 155.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.585 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

Instrument :

MSVOA_Y

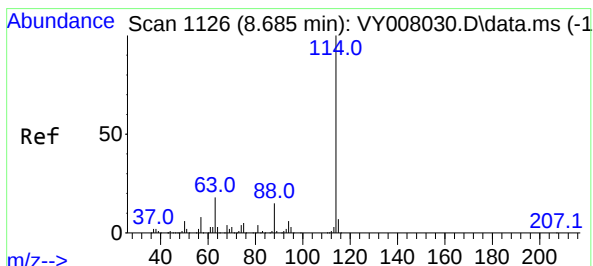
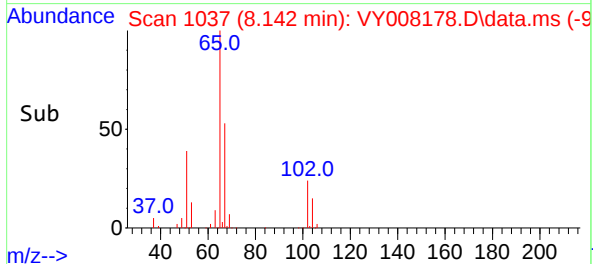
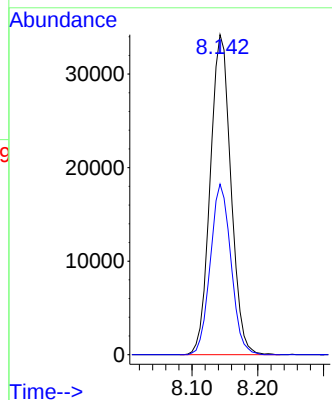
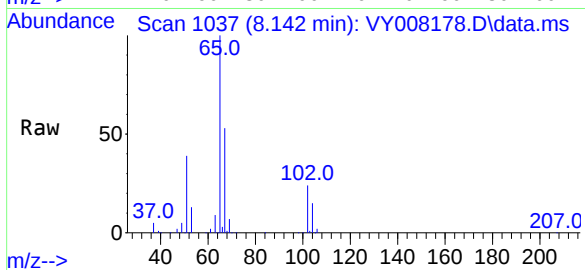
ClientSampleId :

Tgt Ion: 65 Resp: 74916

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

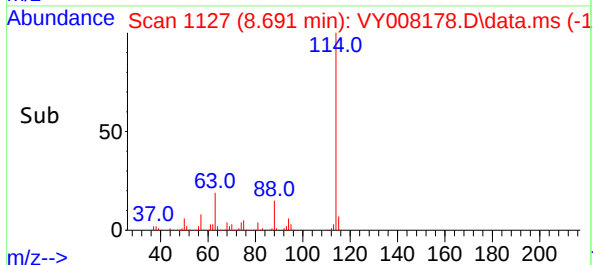
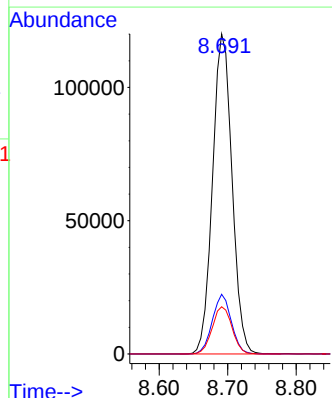
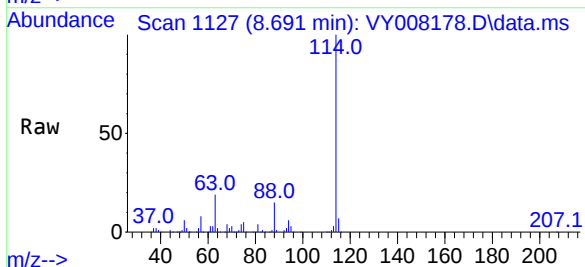
Tgt Ion: 114 Resp: 236849

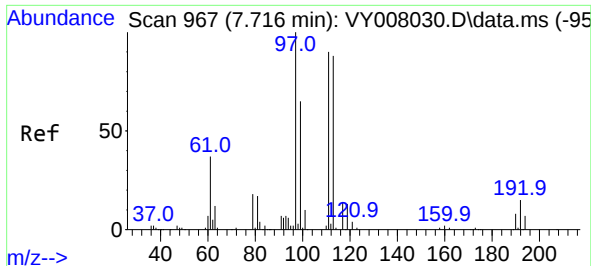
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

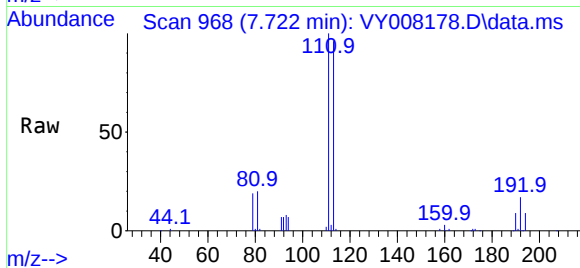
88 14.7 0.0 31.8



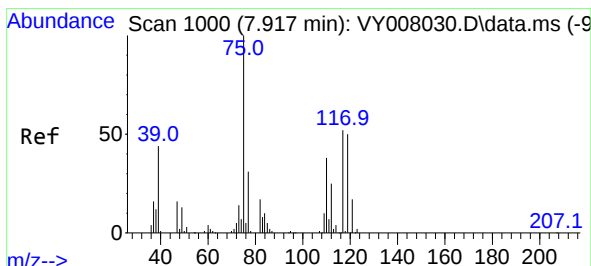
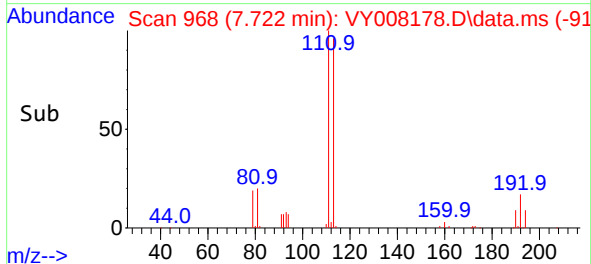
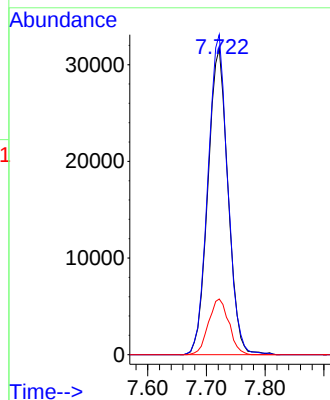


#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :

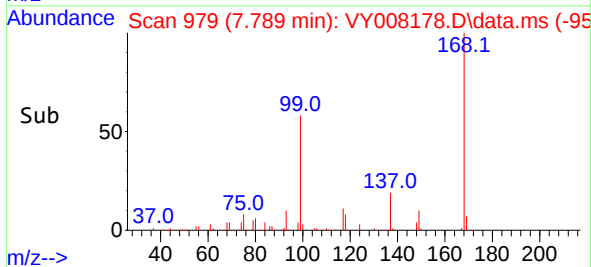
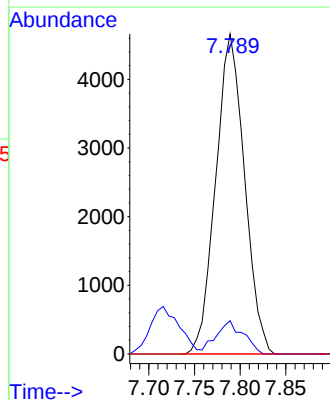
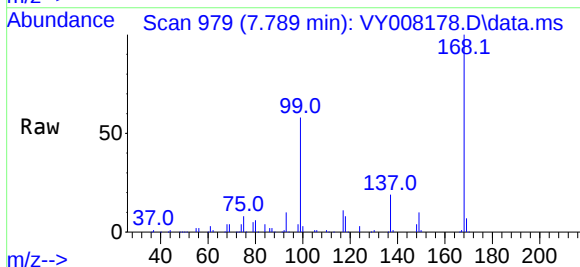


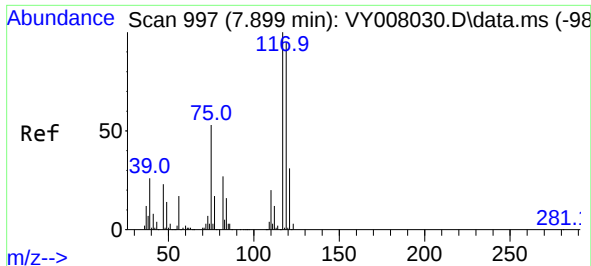
Tgt Ion:113 Resp: 75133
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

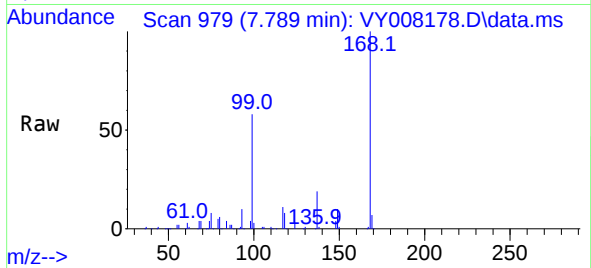
Tgt Ion: 75 Resp: 10213
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



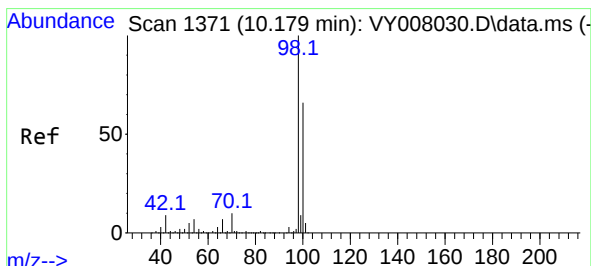
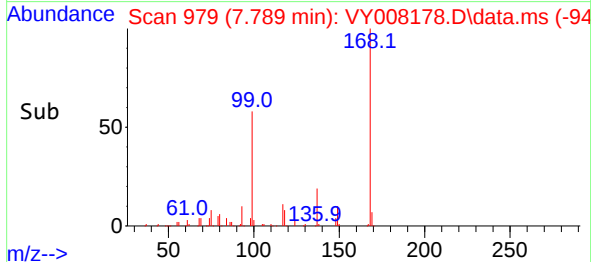
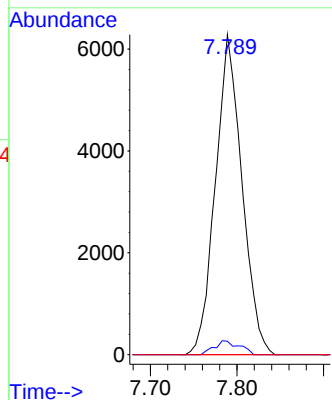


#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :

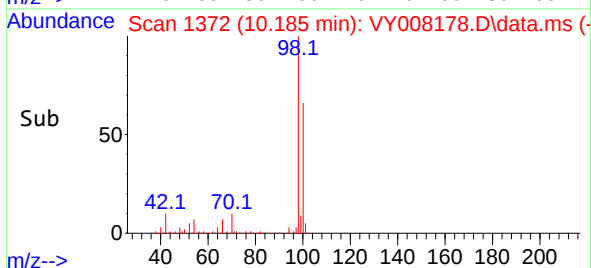
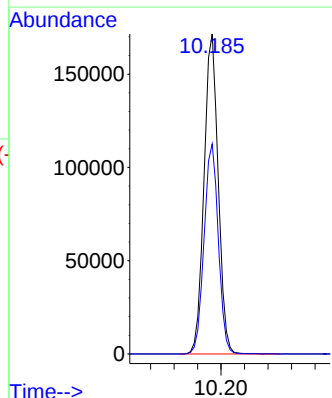
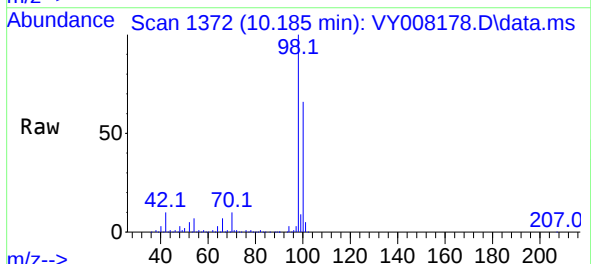


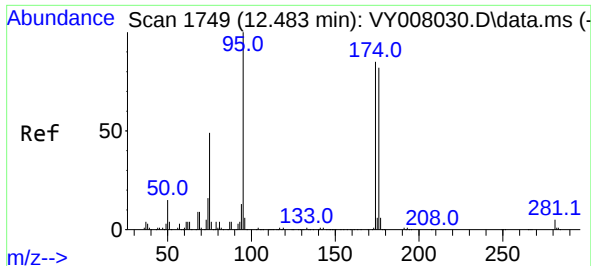
Tgt Ion:117 Resp: 13363
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion: 98 Resp: 287142
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

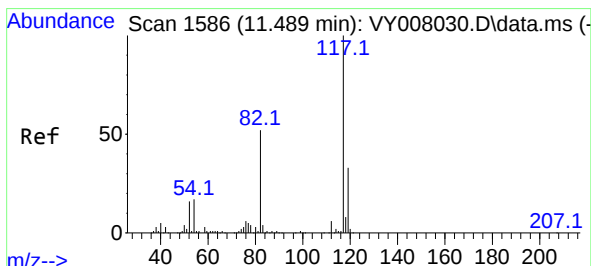
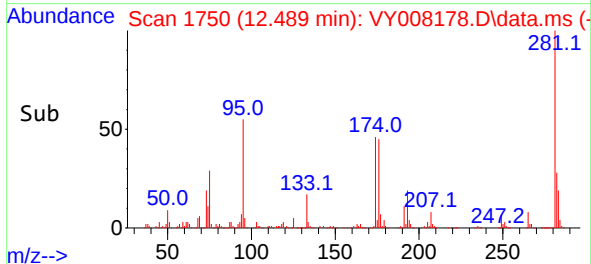
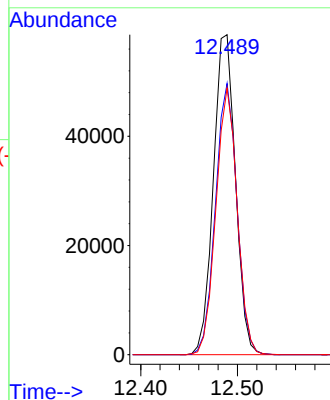
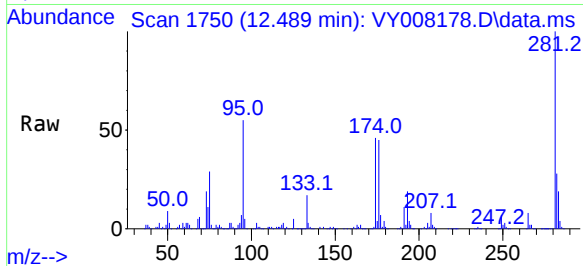




#62
4-Bromofluorobenzene
Concen: 47.064 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

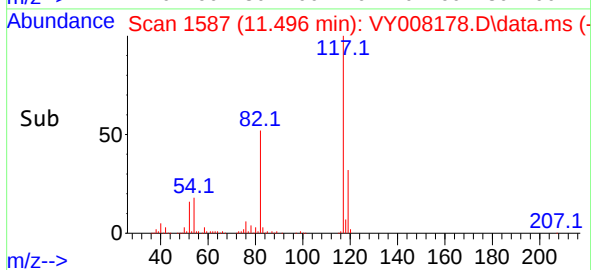
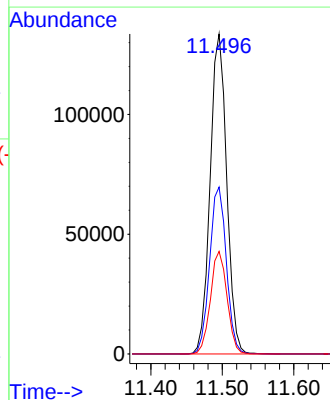
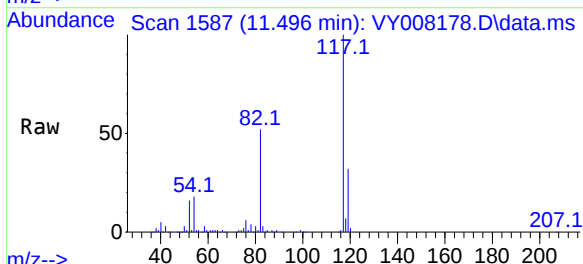
Instrument :
MSVOA_Y
ClientSampleId :

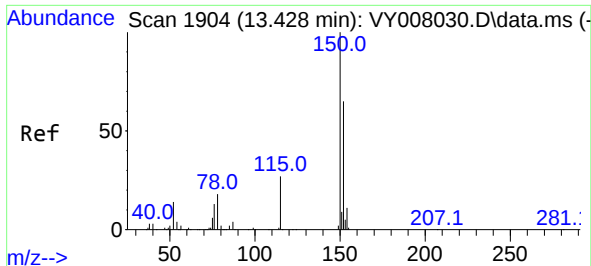
Tgt Ion: 95 Resp: 92895
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion: 117 Resp: 214843
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 25.4 38.0

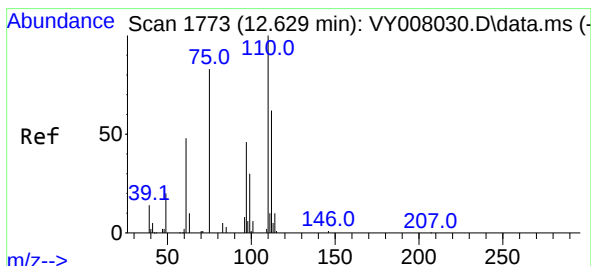
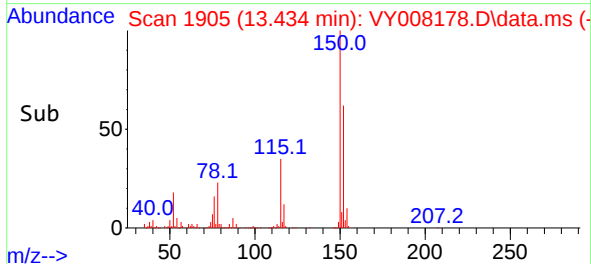
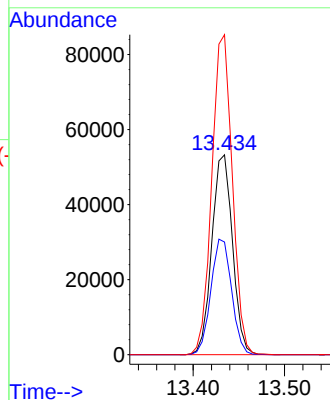
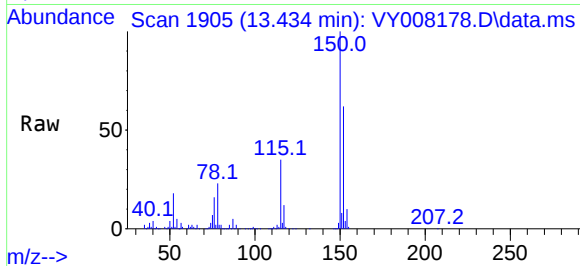




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY008178.D
 Acq: 04 Apr 2022 14:19

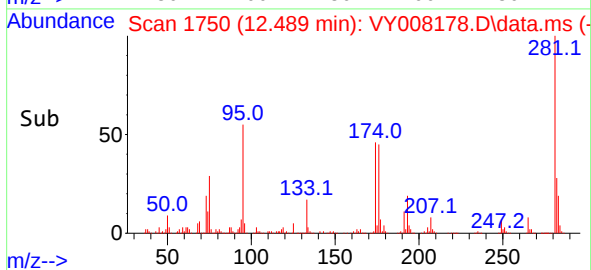
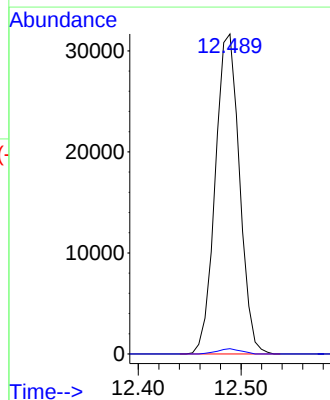
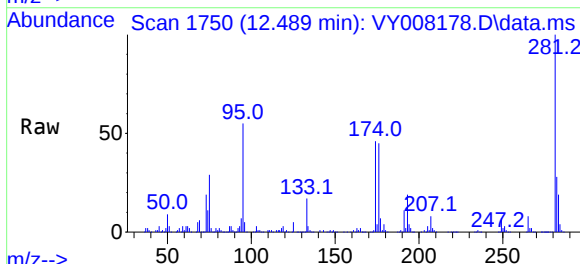
Instrument :
 MSVOA_Y
 ClientSampleId :

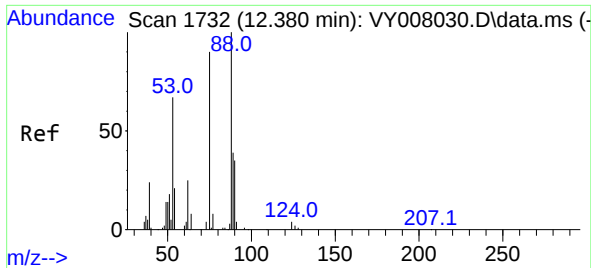
Tgt Ion:152 Resp: 83691
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.724 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY008178.D
 Acq: 04 Apr 2022 14:19

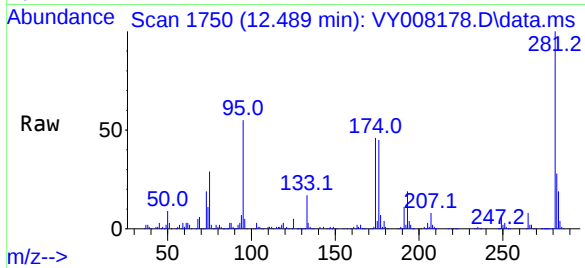
Tgt Ion: 75 Resp: 51749
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.174 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 51749
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.0 37.0 55.4#

