

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008187.D
 Acq On : 04 Apr 2022 17:49
 Operator : SY/MD
 Sample : N2220-17
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:42:48 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)

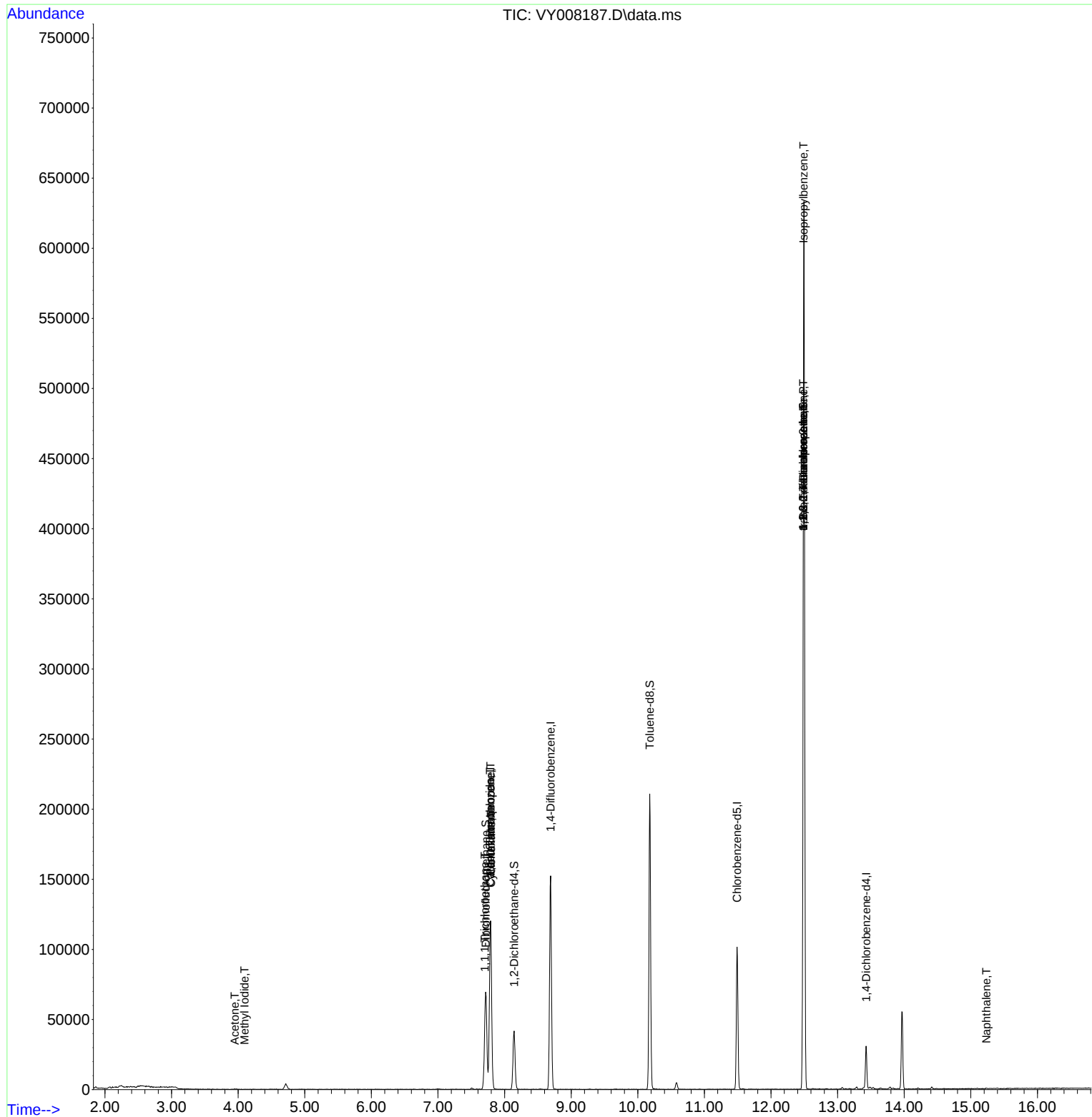
Internal Standards						
1) Pentafluorobenzene	7.789	168	96202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31802	32.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.900%
35) Dibromofluoromethane	7.716	113	46856	54.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.179	98	141621	43.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.880%
62) 4-Bromofluorobenzene	12.483	95	13775	12.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	24.220%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	30	1.720	ug/l #	35
16) Acetone	3.948	43	556	2.520	ug/l #	59
18) Methyl Acetate	4.473	43	115	Below Cal	#	56
20) Methylene Chloride	4.722	84	2969	Below Cal	#	65
31) Cyclohexane	7.795	56	2005	1.111	ug/l #	1
32) 1,1,1-Trichloroethane	7.704	97	5624	2.939	ug/l	96
36) 1,1-Dichloropropene	7.789	75	7576	5.637	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10044	6.858	ug/l #	14
73) Isopropylbenzene	12.489	105	1686	2.642	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.483	83	233	1.879	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11963	126.956	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11963	283.260	ug/l #	14
95) Naphthalene	15.233	128	447	1.321	ug/l #	69

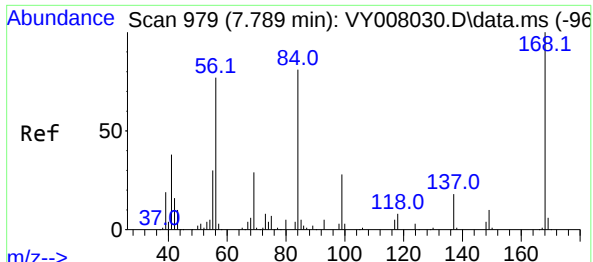
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
Data File : VY008187.D
Acq On : 04 Apr 2022 17:49
Operator : SY/MD
Sample : N2220-17
Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

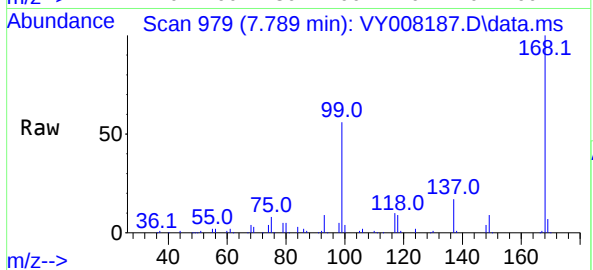
Quant Time: Apr 05 04:42:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



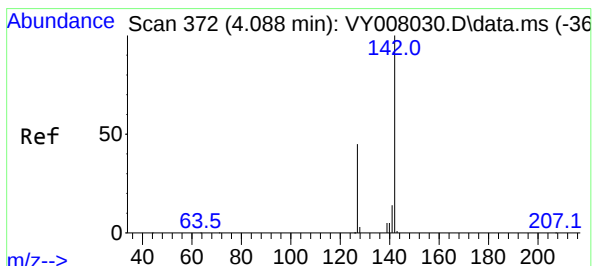
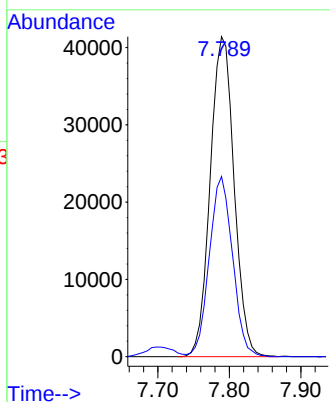
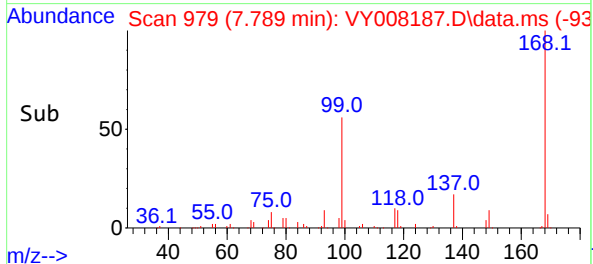


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

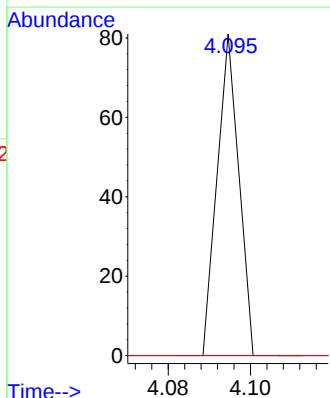
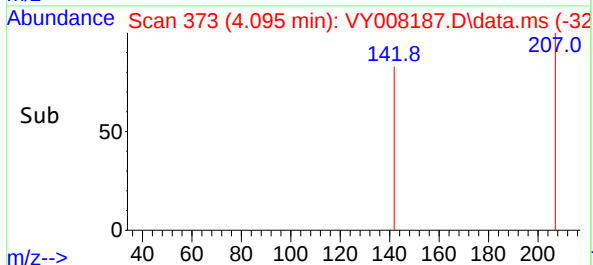
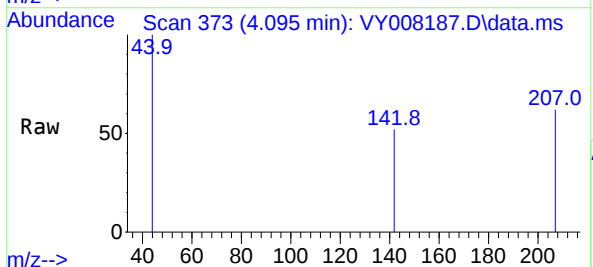


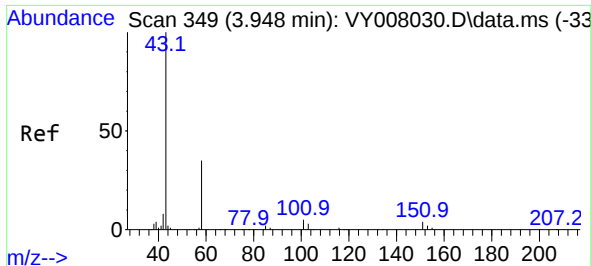
Tgt Ion:168 Resp: 96202
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.720 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion:142 Resp: 30
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

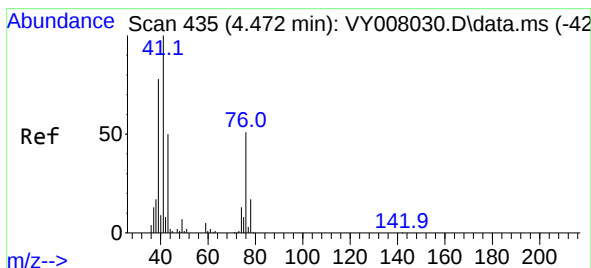
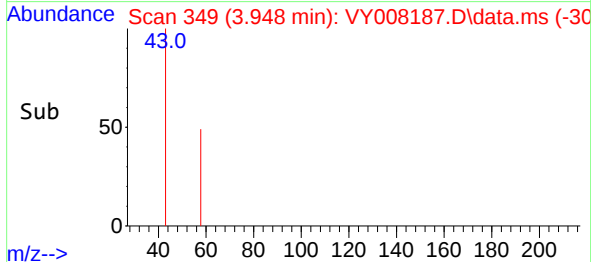
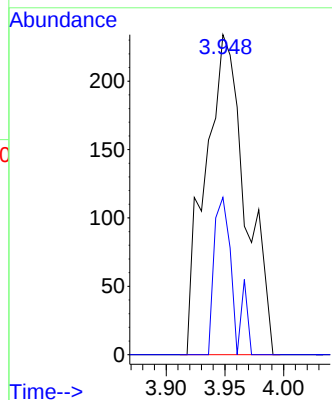
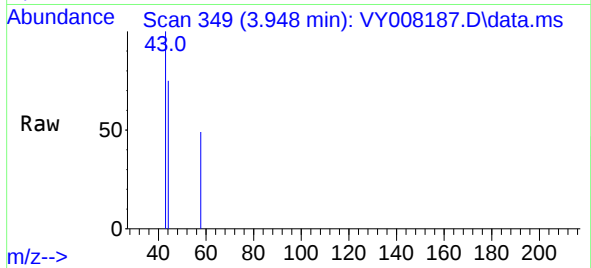




#16
Acetone
Concen: 2.520 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

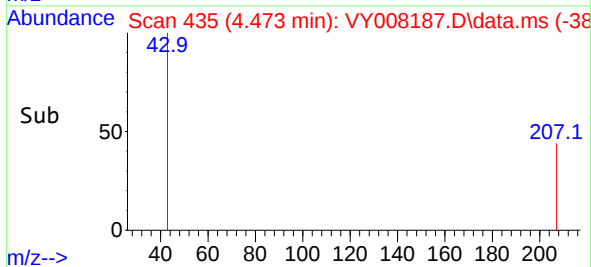
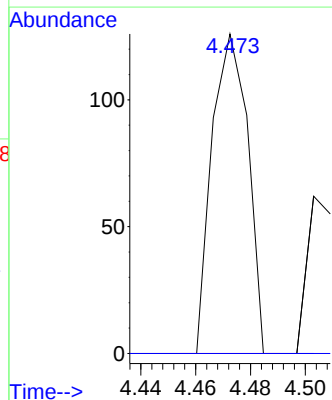
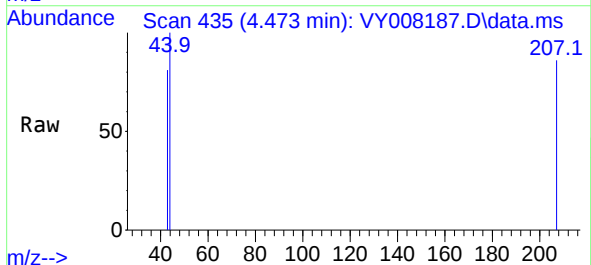
Instrument :
MSVOA_Y
ClientSampleId :

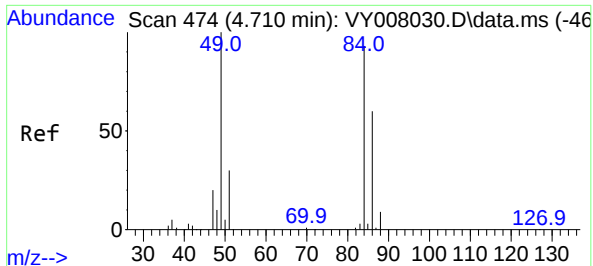
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 49.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

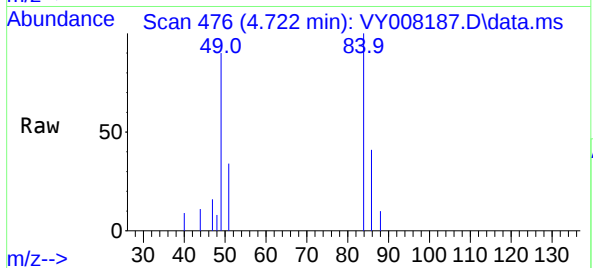
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



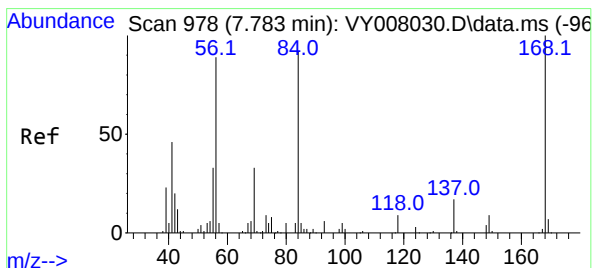
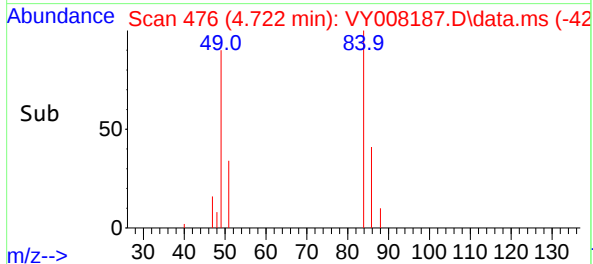
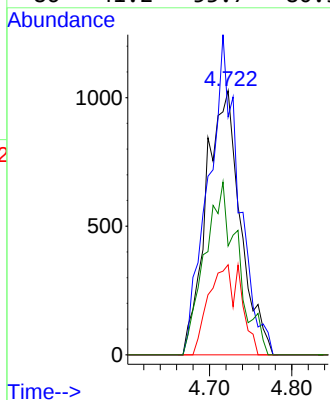


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

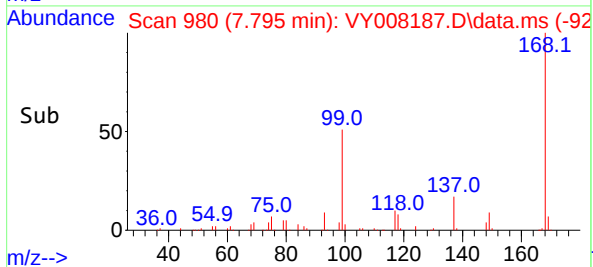
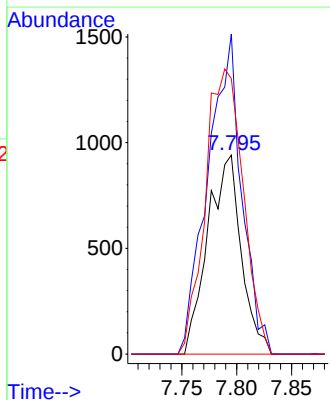
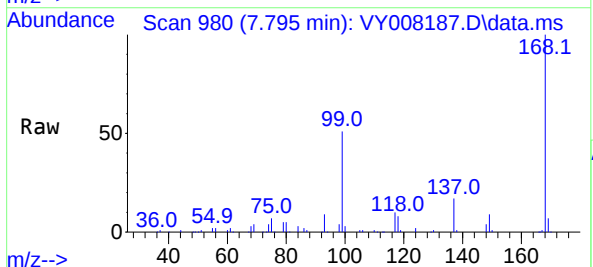


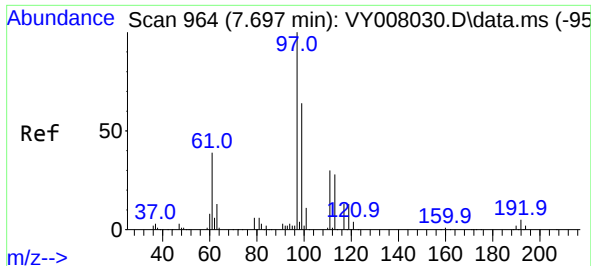
Tgt Ion: 84 Resp: 2969
Ion Ratio Lower Upper
84 100
49 90.1 114.4 171.6#
51 34.1 35.3 52.9#
86 41.2 53.7 80.5#



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion: 56 Resp: 2005
Ion Ratio Lower Upper
56 100
69 160.9 26.7 40.1#
84 138.5 67.2 100.8#

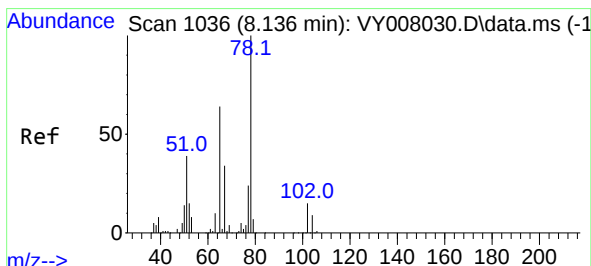
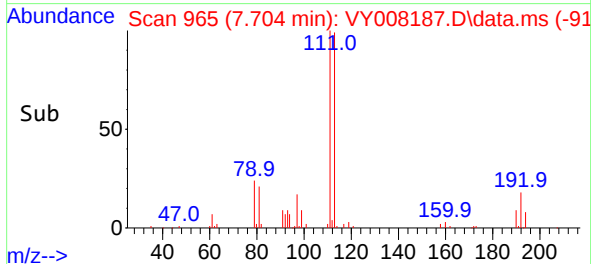
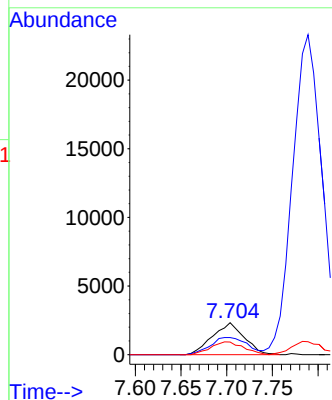
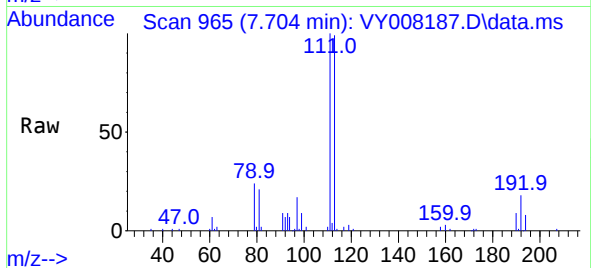




#32
1,1,1-Trichloroethane
Concen: 2.939 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

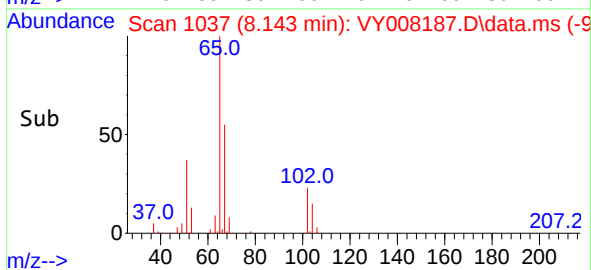
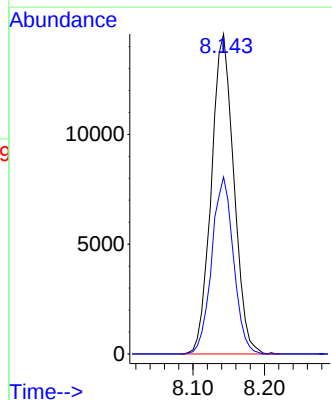
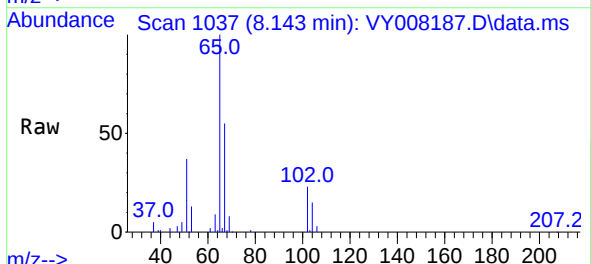
Instrument :
MSVOA_Y
ClientSampleId :

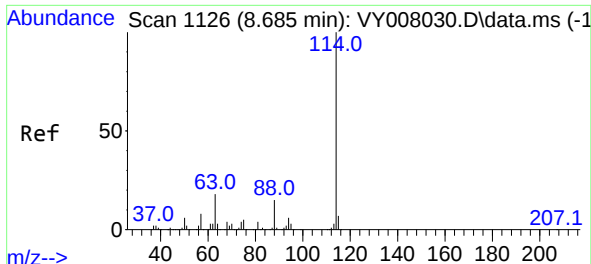
Tgt Ion: 97 Resp: 5624
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 41.1 37.6 56.4



#33
1,2-Dichloroethane-d4
Concen: 32.949 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion: 65 Resp: 31802
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

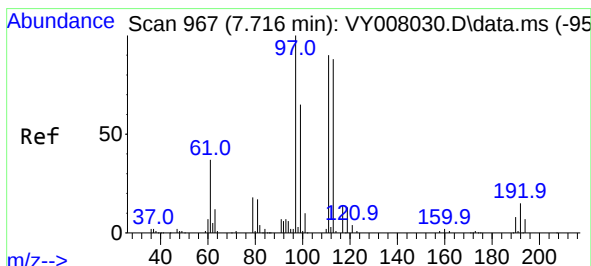
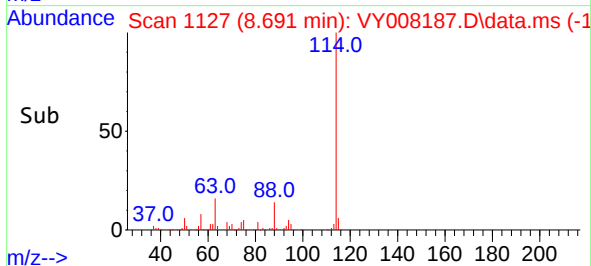
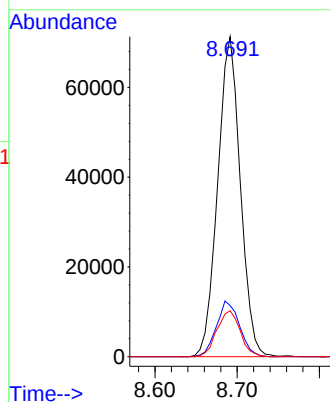
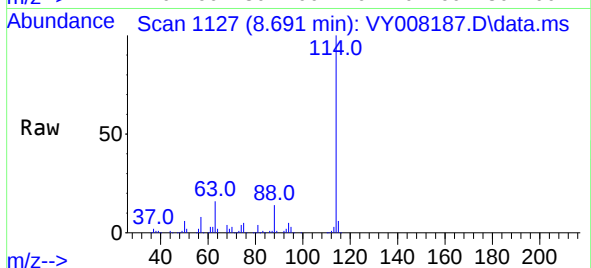
Tgt Ion:114 Resp: 136453

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.769 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

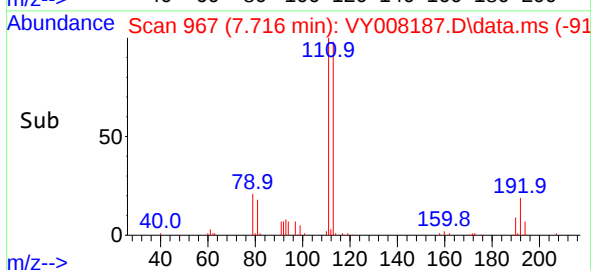
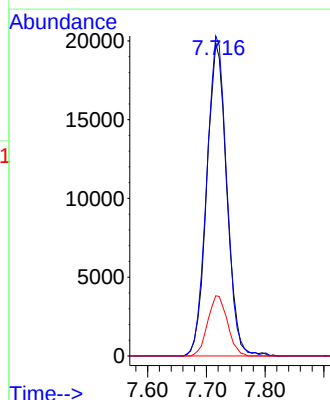
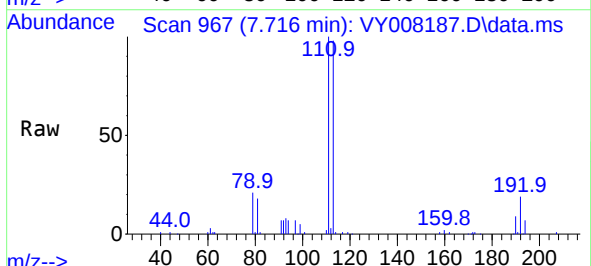
Tgt Ion:113 Resp: 46856

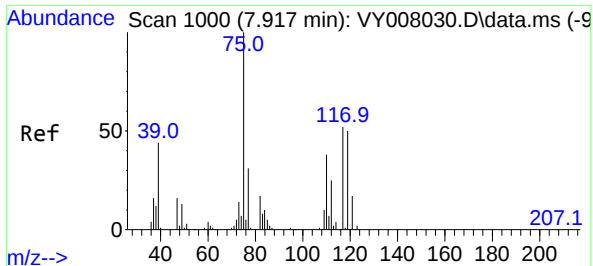
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.637 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

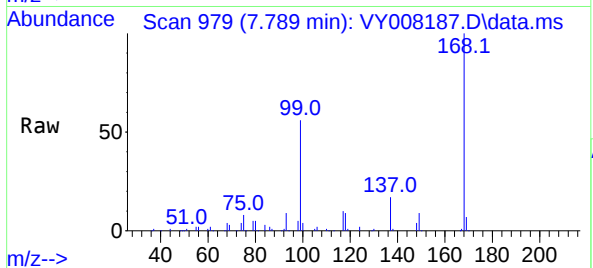
Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :



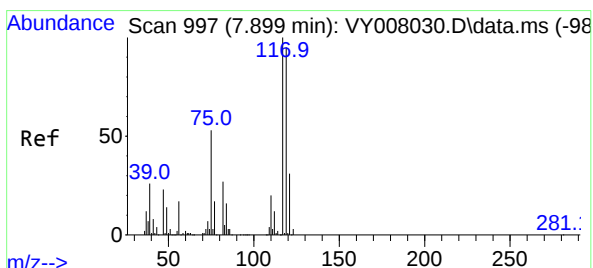
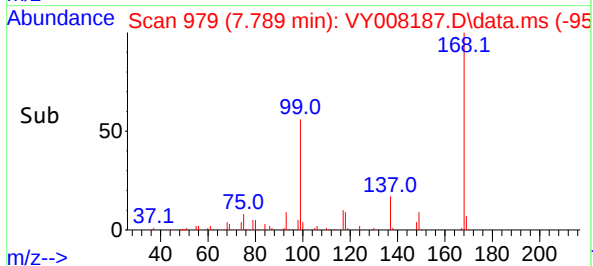
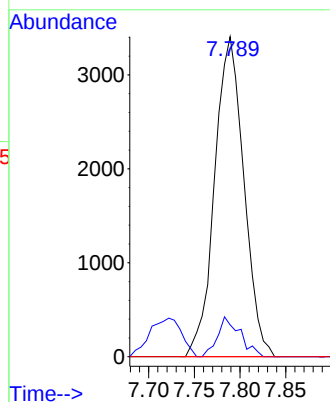
Tgt Ion: 75 Resp: 7576

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.858 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

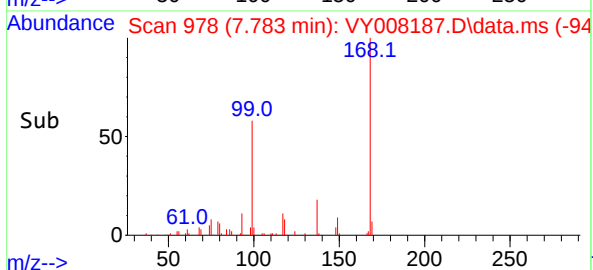
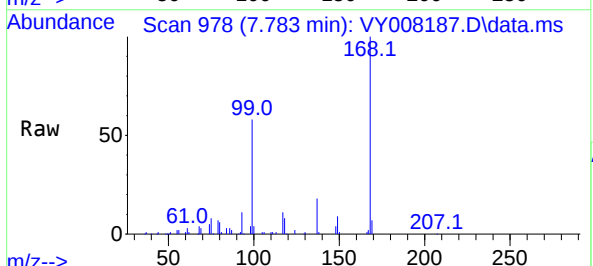
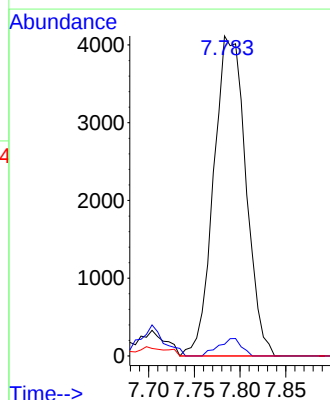
Tgt Ion: 117 Resp: 10044

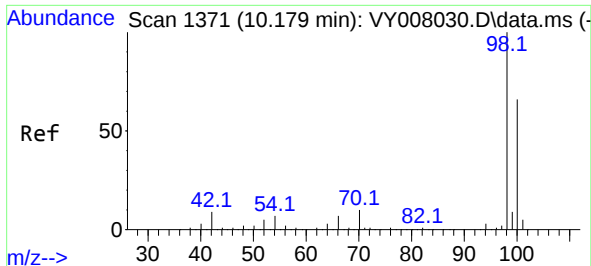
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

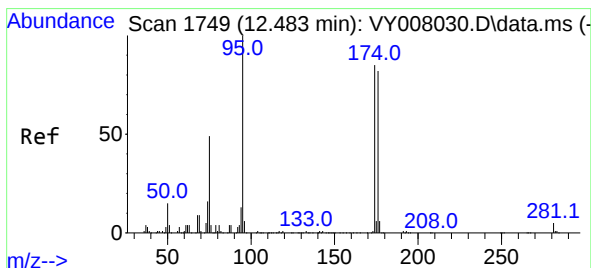
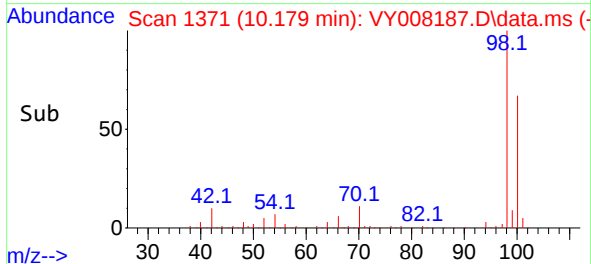
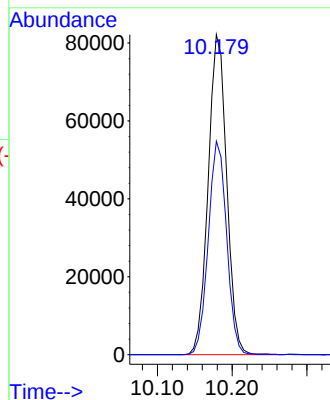
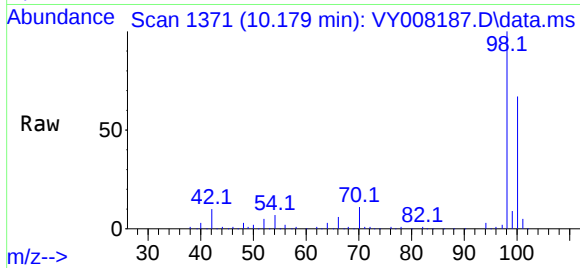




#50
Toluene-d8
Concen: 43.938 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

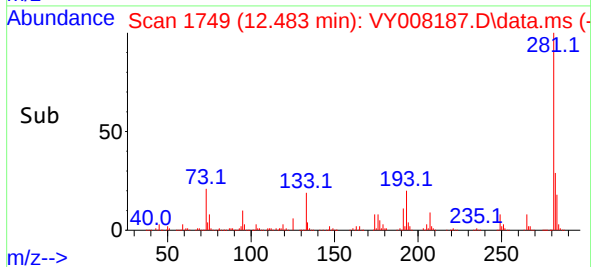
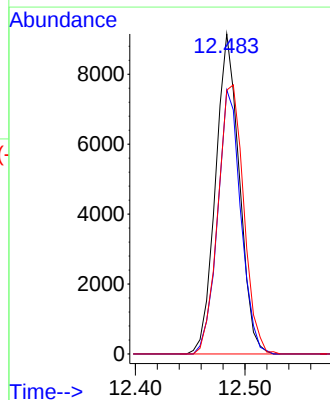
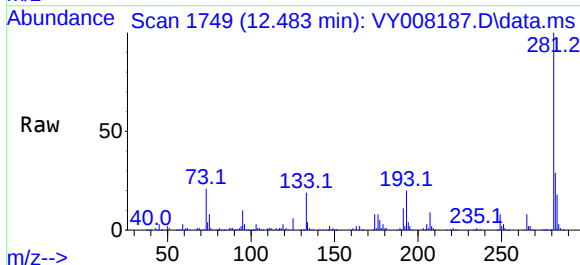
Instrument :
MSVOA_Y
ClientSampleId :

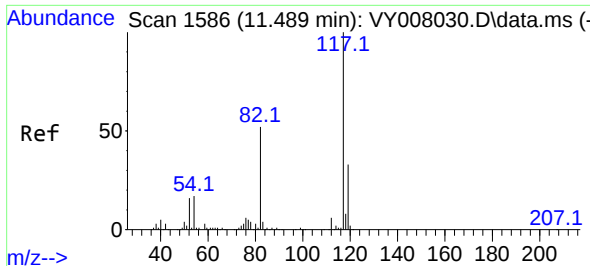
Tgt Ion: 98 Resp: 141621
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 12.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

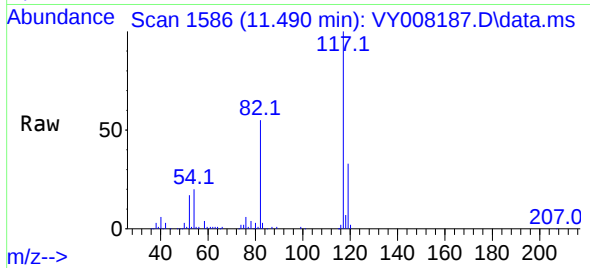
Tgt Ion: 95 Resp: 13775
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 91.1 0.0 175.8



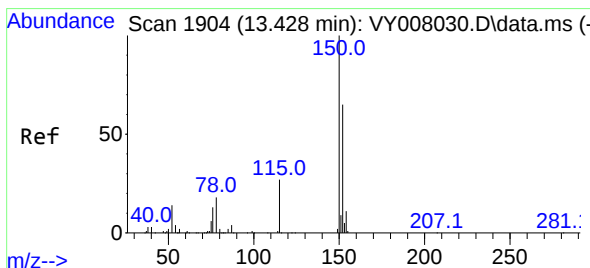
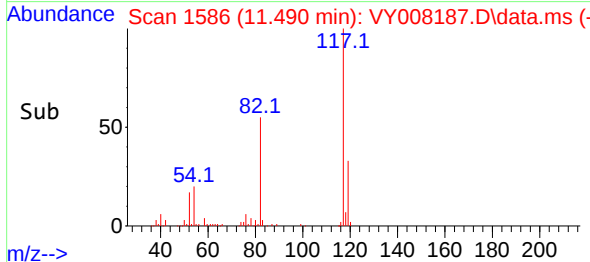
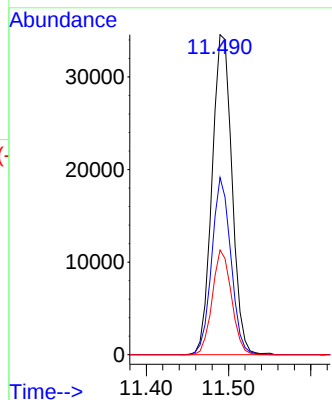


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

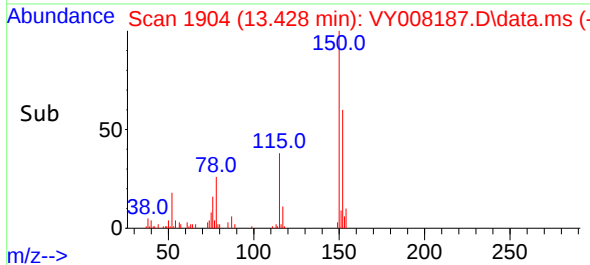
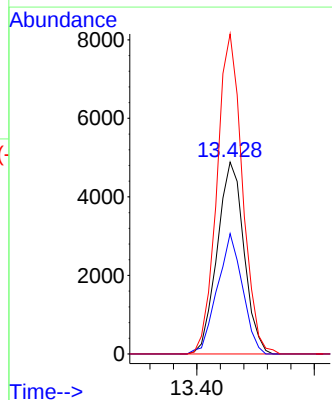
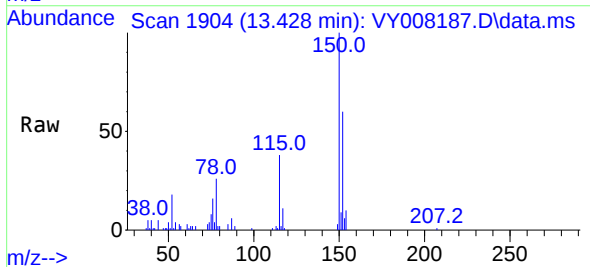


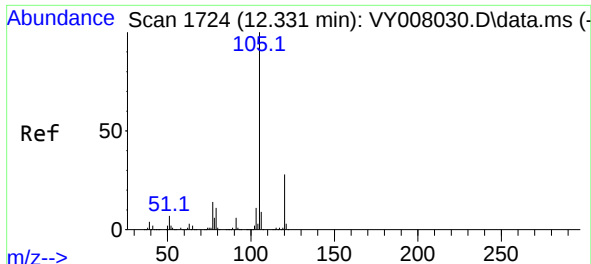
Tgt Ion:117 Resp: 58262
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion:152 Resp: 7730
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 158.9 0.0 347.6

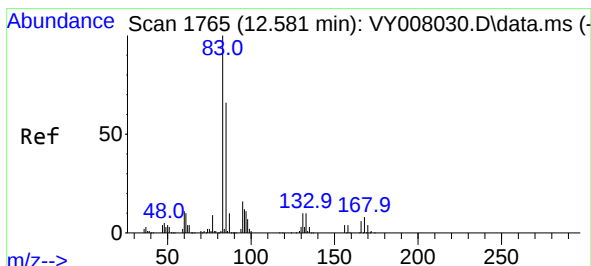
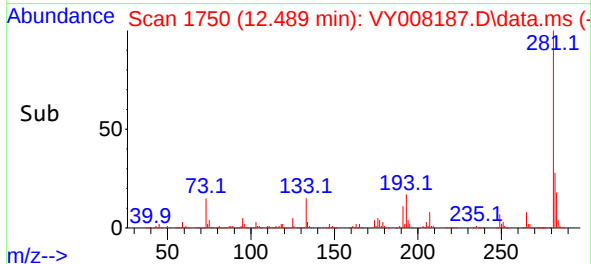
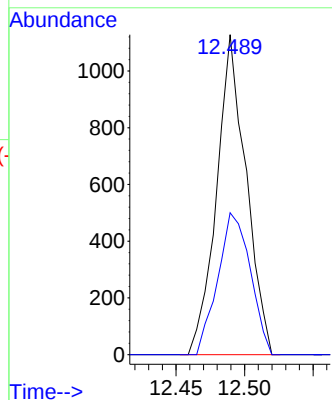
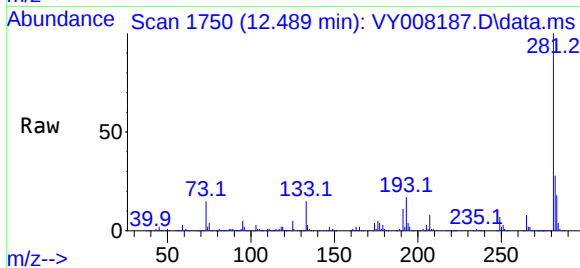




#73
Isopropylbenzene
Concen: 2.642 ug/l
RT: 12.489 min Scan# 1719
Delta R.T. 0.158 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

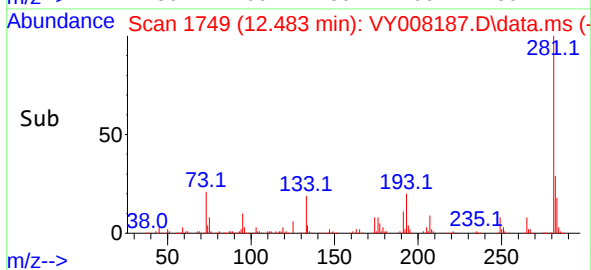
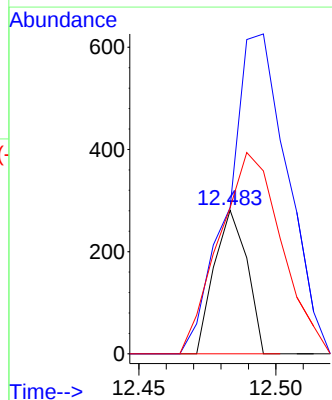
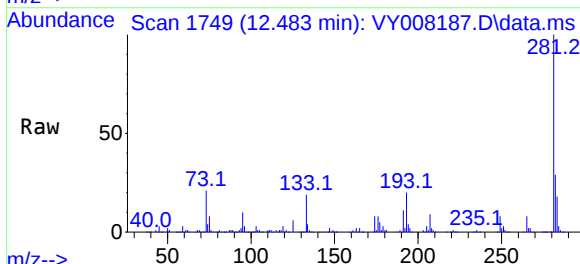
Instrument :
MSVOA_Y
ClientSampleId :

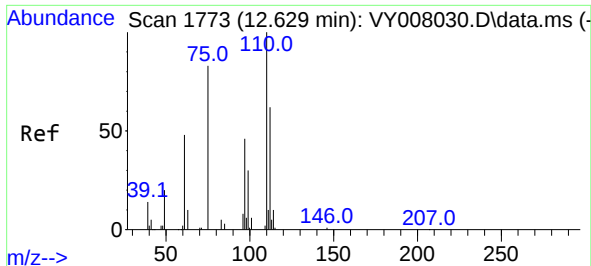
Tgt Ion:105 Resp: 1686
Ion Ratio Lower Upper
105 100
120 48.9 13.4 40.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.098 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion: 83 Resp: 233
Ion Ratio Lower Upper
83 100
131 404.3 5.6 16.8#
85 267.0 32.3 96.8#

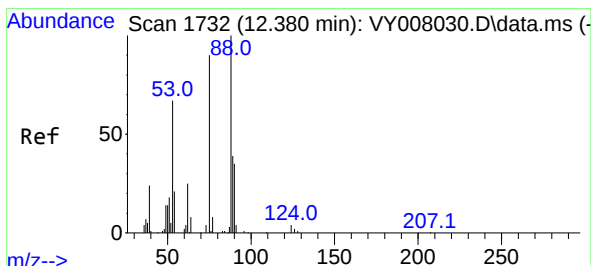
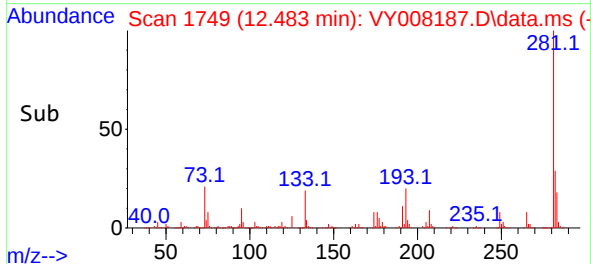
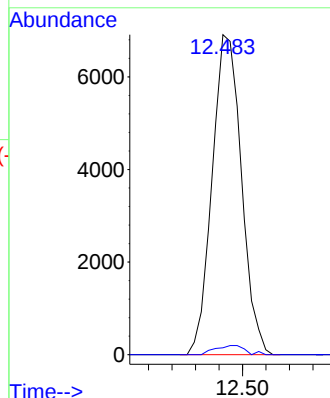
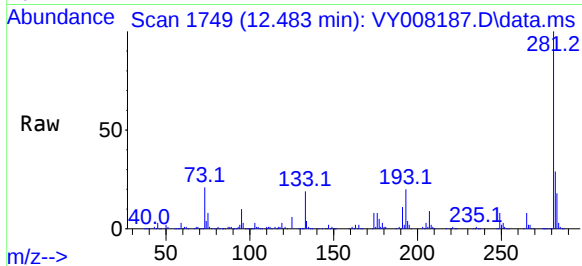




#76
1,2,3-Trichloropropane
Concen: 126.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

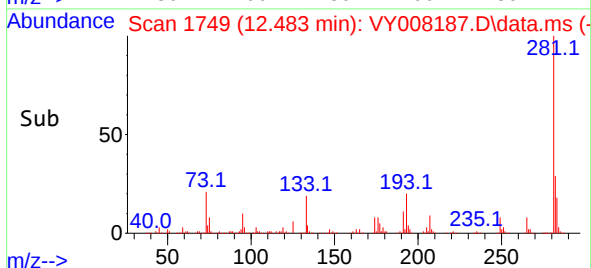
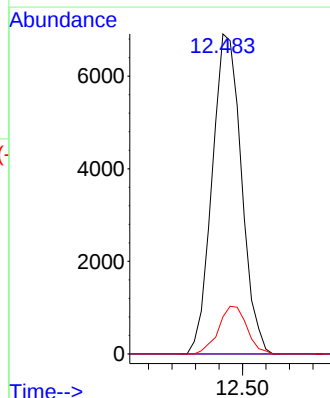
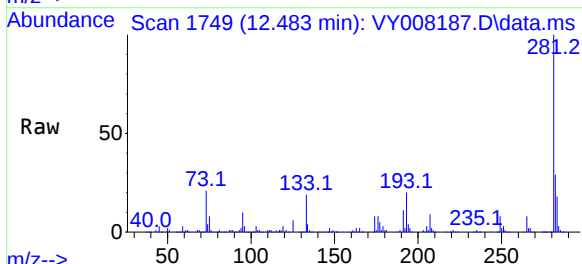
Instrument :
MSVOA_Y
ClientSampleId :

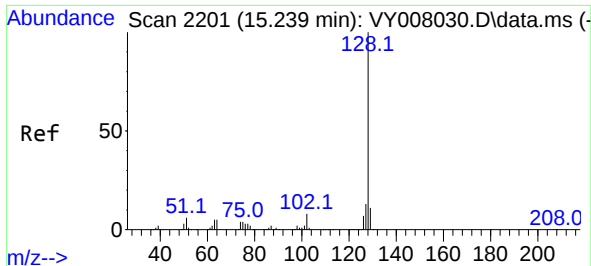
Tgt Ion: 75 Resp: 11963
Ion Ratio Lower Upper
75 100
77 3.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 283.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion: 75 Resp: 11963
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 14.4 37.0 55.4#





#95

Naphthalene

Concen: 1.321 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

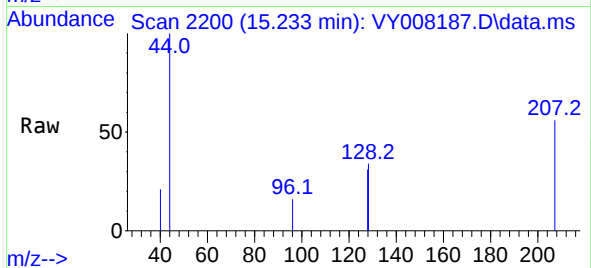
Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 447

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

