

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011680.D
 Acq On : 02 Dec 2022 14:01
 Operator : KP/MD
 Sample : N5863-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 02 23:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

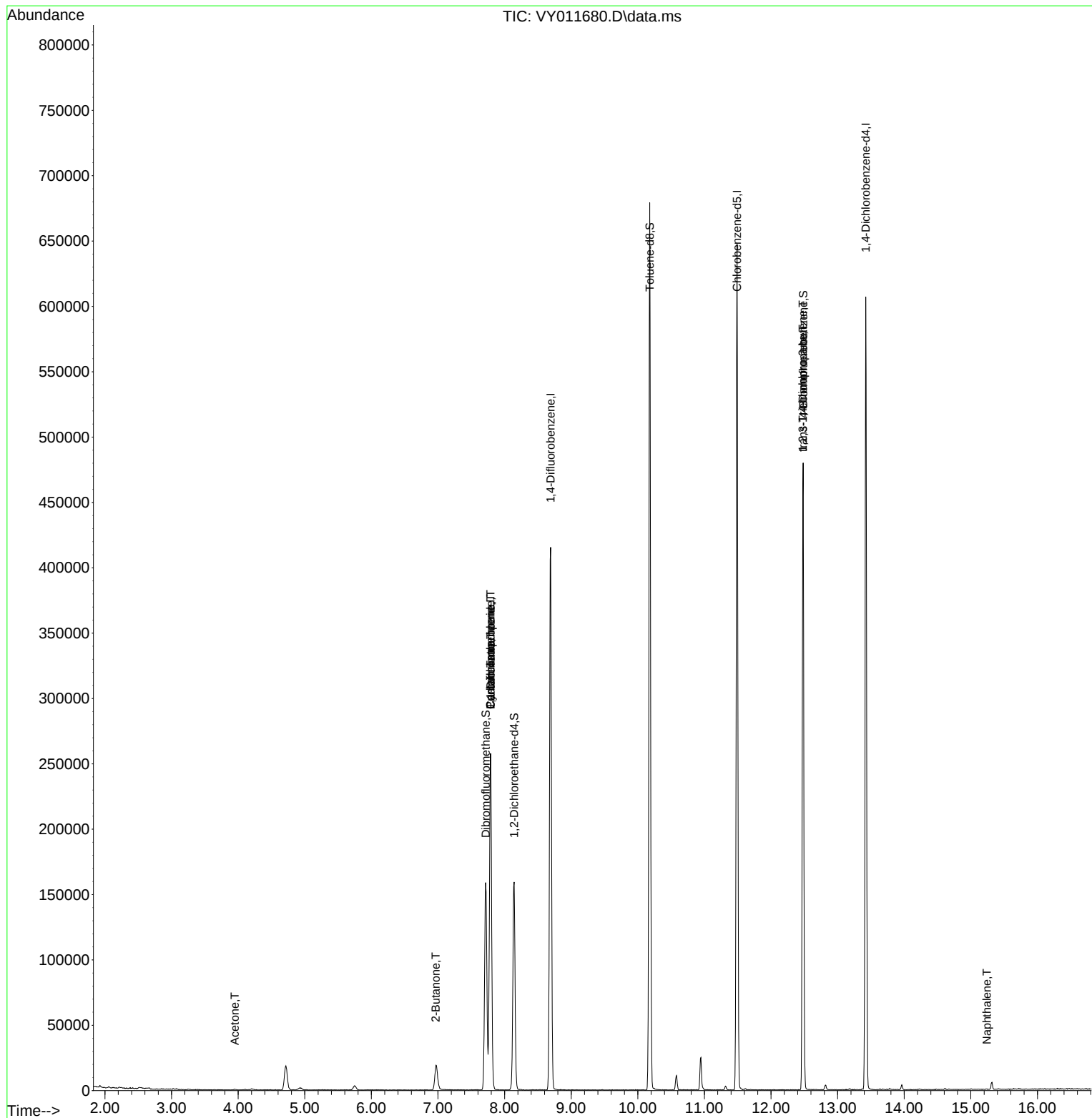
Internal Standards						
1) Pentafluorobenzene	7.789	168	197752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127416	63.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.920%	
35) Dibromofluoromethane	7.716	113	112990	51.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.179	98	433170	54.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.483	95	142222	48.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21	Below Cal	#	43
3) Chloromethane	2.113	50	296	Below Cal		95
5) Bromomethane	2.662	94	272	Below Cal		95
11) Tert butyl alcohol	4.930	59	2228	Below Cal	#	77
16) Acetone	3.948	43	768	1.178	ug/l #	66
18) Methyl Acetate	4.491	43	230	Below Cal	#	56
20) Methylene Chloride	4.716	84	13813	Below Cal		87
25) 2-Butanone	6.966	43	1153	1.345	ug/l #	54
31) Cyclohexane	7.789	56	4178	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15509	4.514	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19938	5.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75754	46.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75754	101.129	ug/l #	7
95) Naphthalene	15.239	128	345	4.079	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

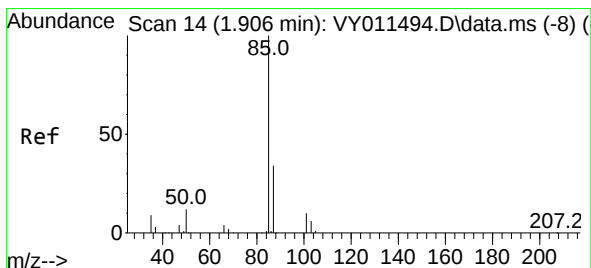
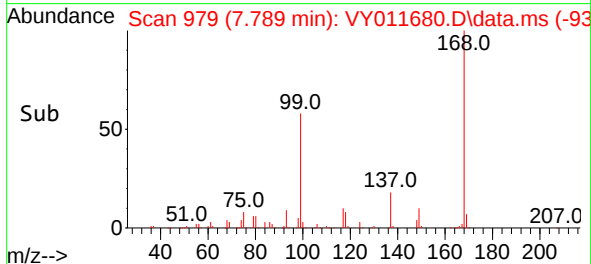
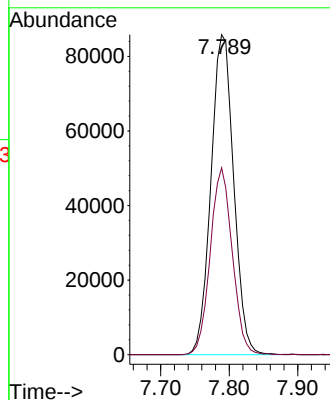
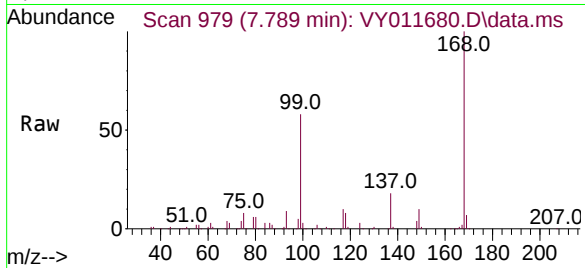




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

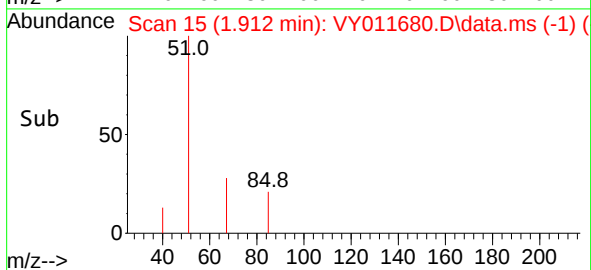
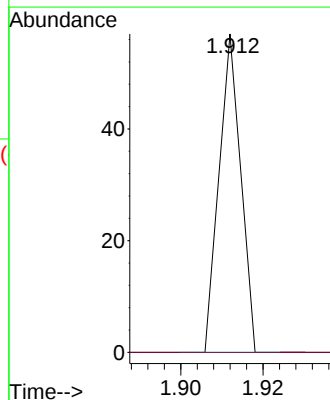
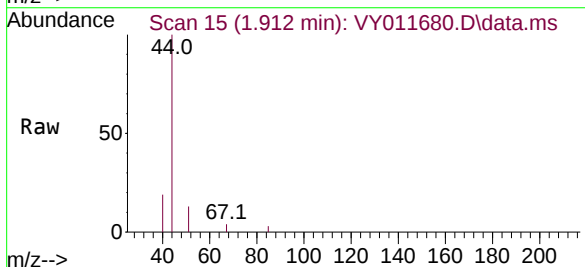
Instrument :
MSVOA_Y
ClientSampleId :

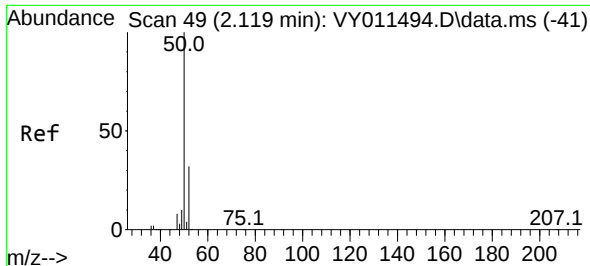
Tgt Ion:168 Resp: 197752
Ion Ratio Lower Upper
168 100
99 58.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

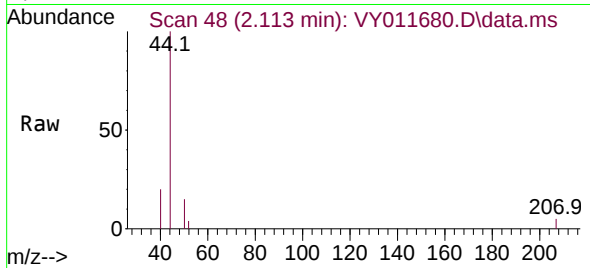
Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



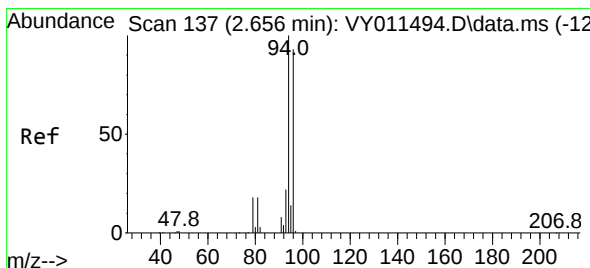
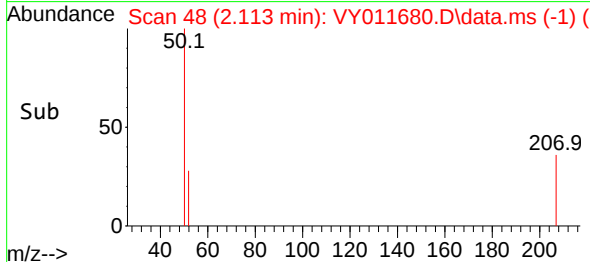
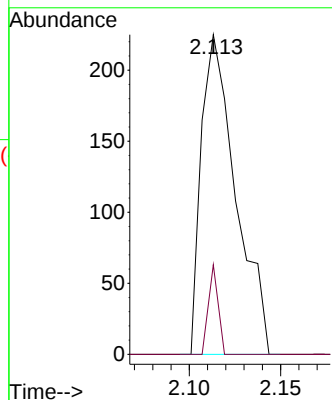


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :

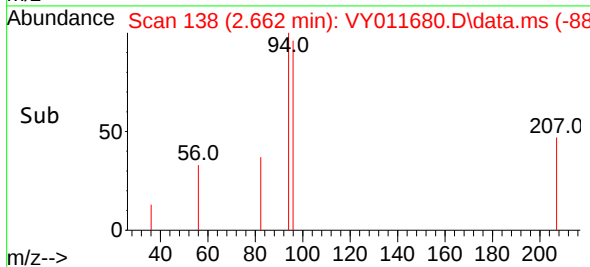
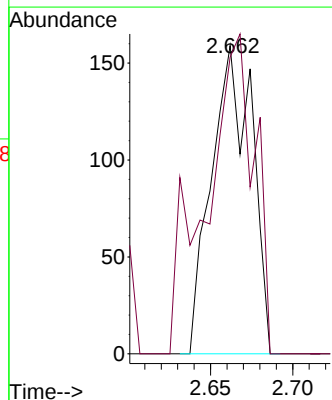
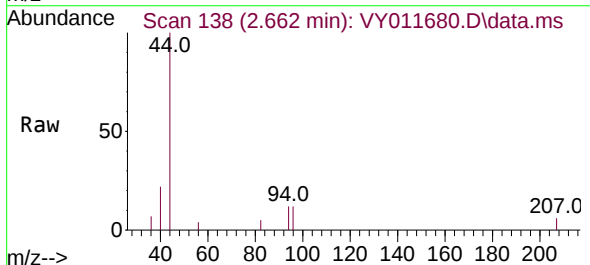


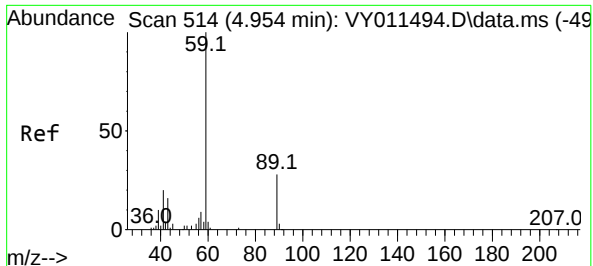
Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 28.0 24.6 37.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

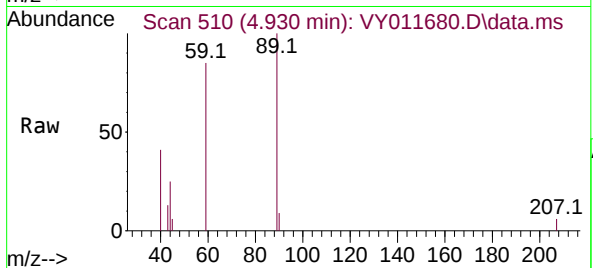
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 96.2 73.5 110.3



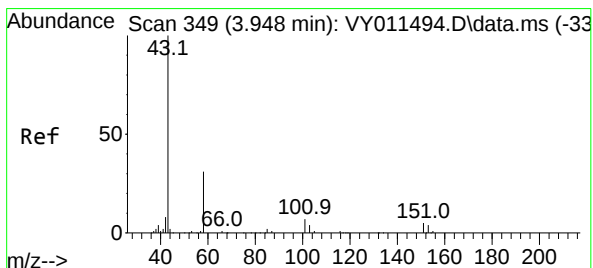
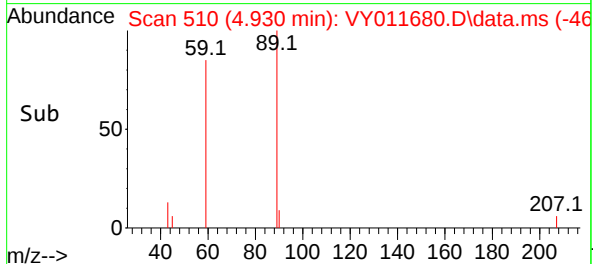
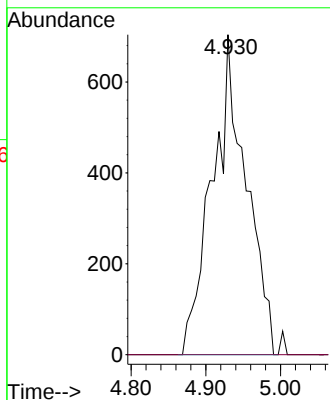


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :

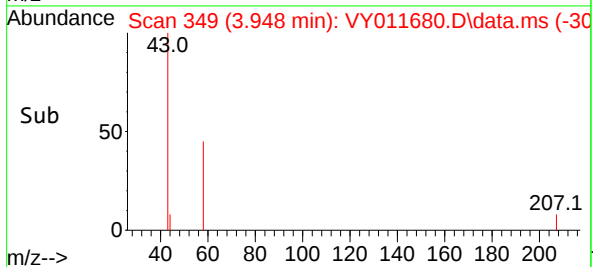
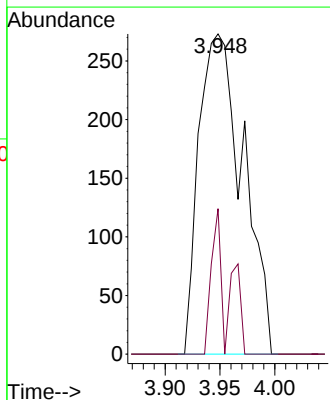
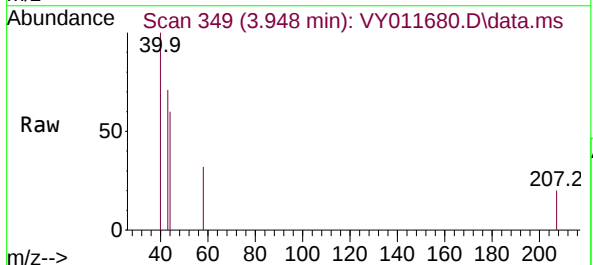


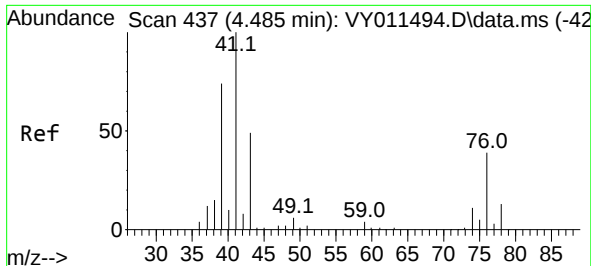
Tgt Ion: 59 Resp: 2228
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.178 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 45.4 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011680.D

Acq: 02 Dec 2022 14:01

Instrument :

MSVOA_Y

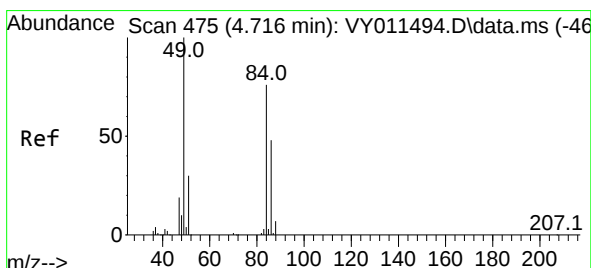
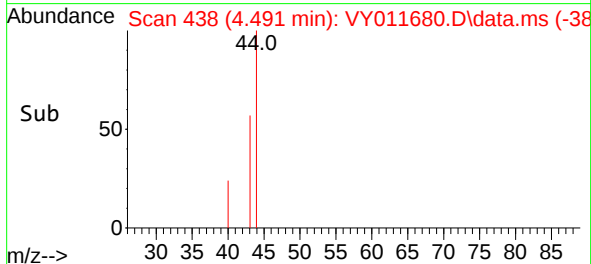
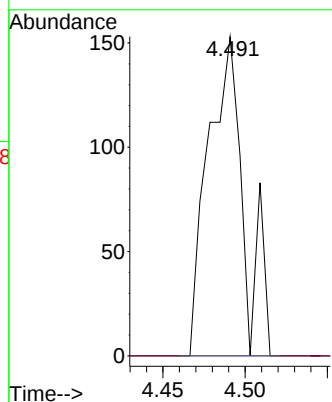
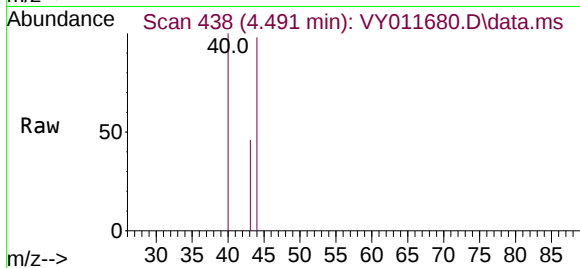
ClientSampleId :

Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011680.D

Acq: 02 Dec 2022 14:01

Tgt Ion: 84 Resp: 13813

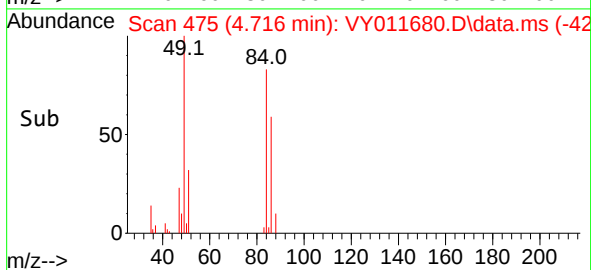
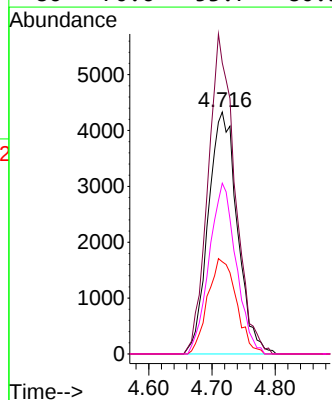
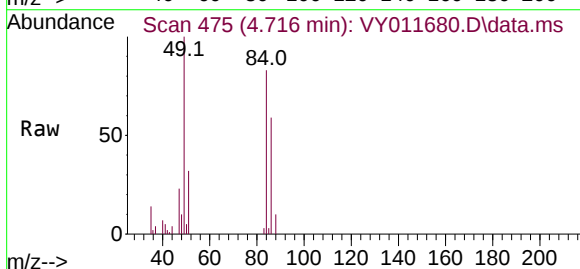
Ion Ratio Lower Upper

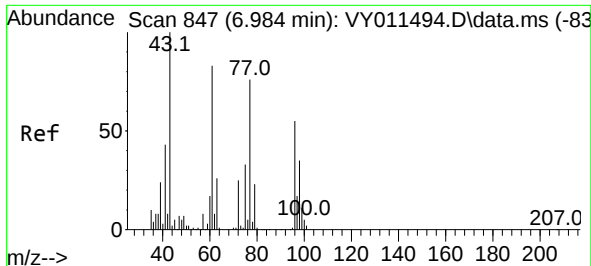
84 100

49 120.3 114.4 171.6

51 38.1 35.3 52.9

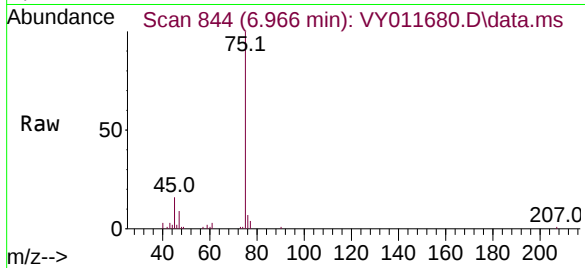
86 70.6 53.7 80.5



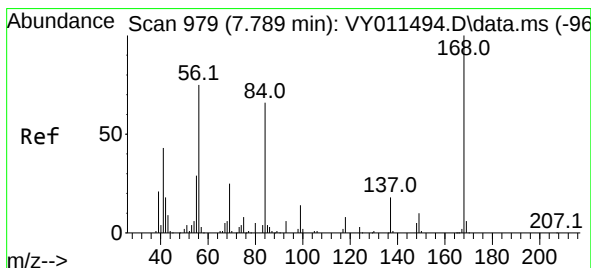
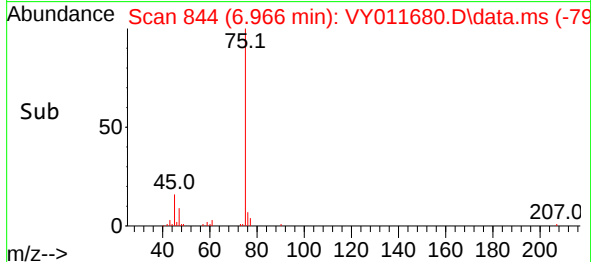
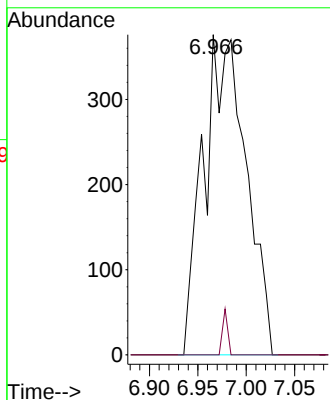


#25
2-Butanone
Concen: 1.345 ug/l
RT: 6.966 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :

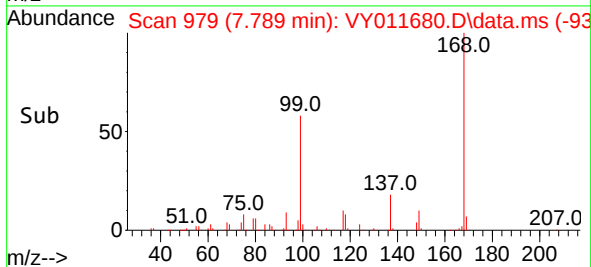
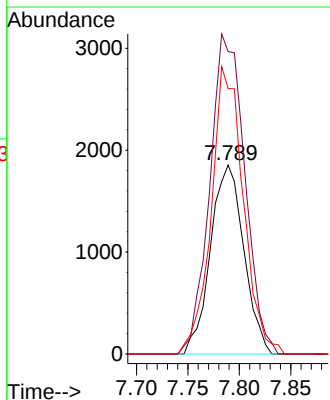
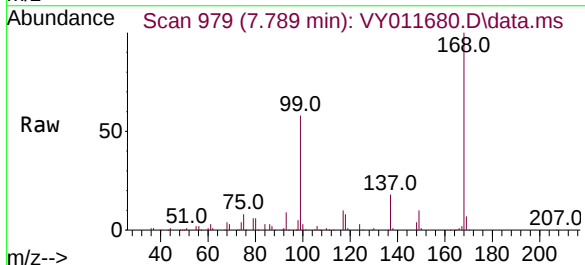


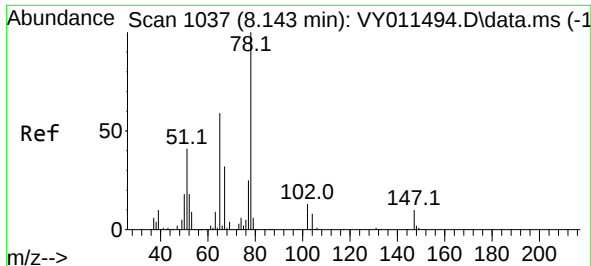
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Tgt Ion: 56 Resp: 4178
Ion Ratio Lower Upper
56 100
69 160.2 26.7 40.1#
84 140.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.455 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011680.D

Acq: 02 Dec 2022 14:01

Instrument :

MSVOA_Y

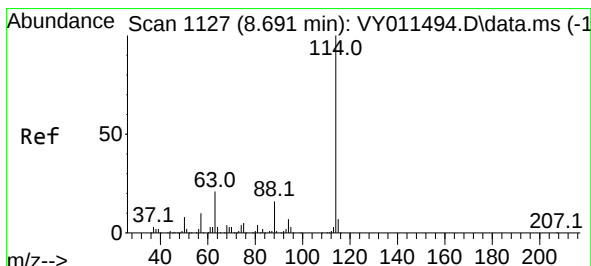
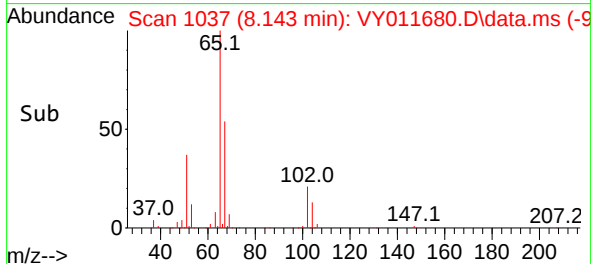
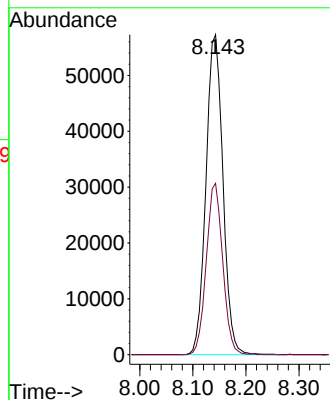
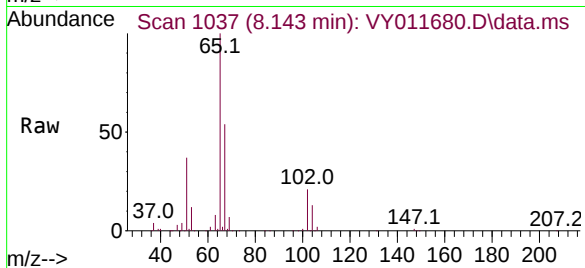
ClientSampleId :

Tgt Ion: 65 Resp: 127416

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011680.D

Acq: 02 Dec 2022 14:01

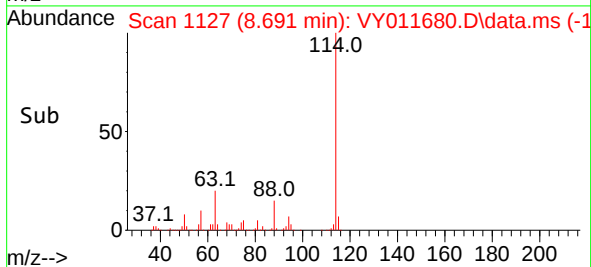
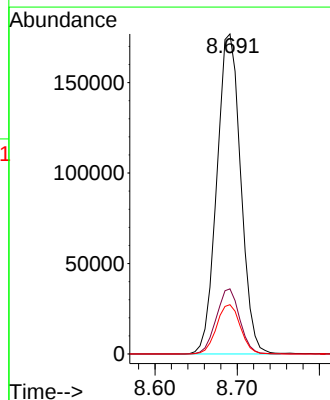
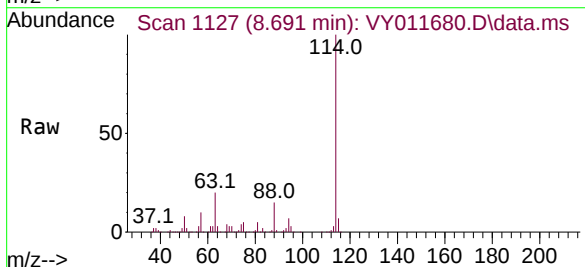
Tgt Ion: 114 Resp: 357034

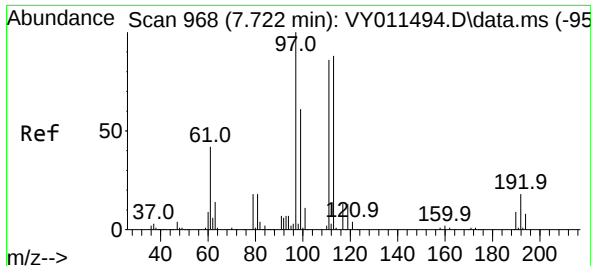
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

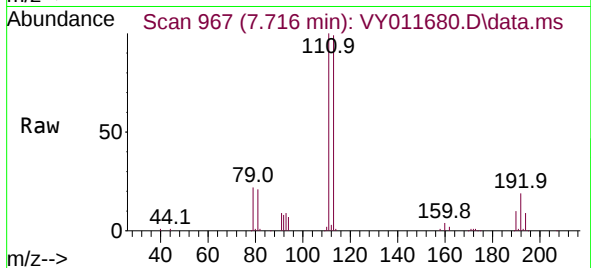
88 15.4 0.0 31.8



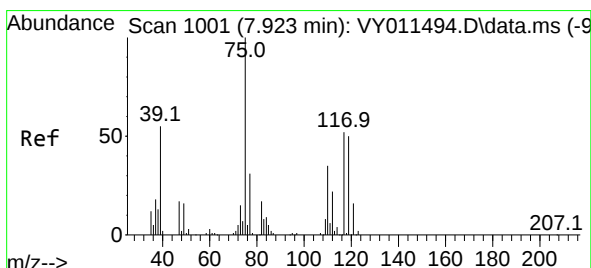
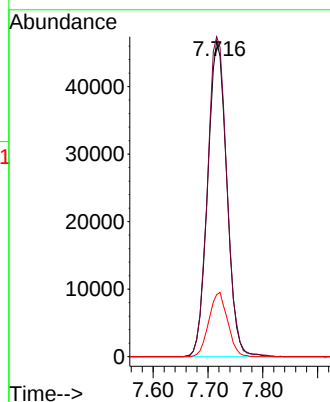
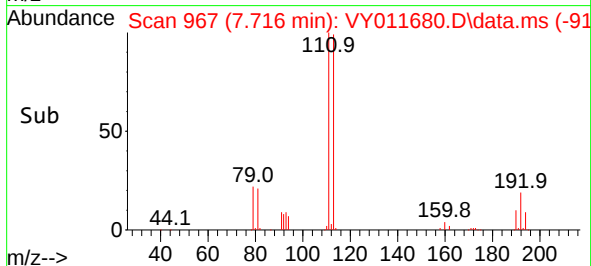


#35
Dibromofluoromethane
Concen: 51.409 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

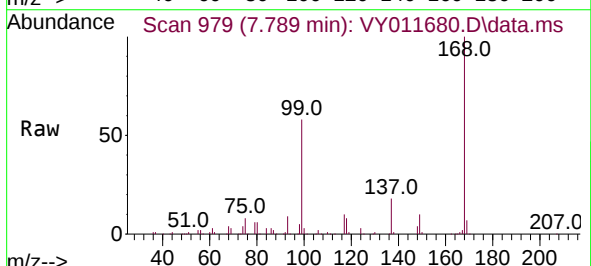
Instrument :
MSVOA_Y
ClientSampleId :



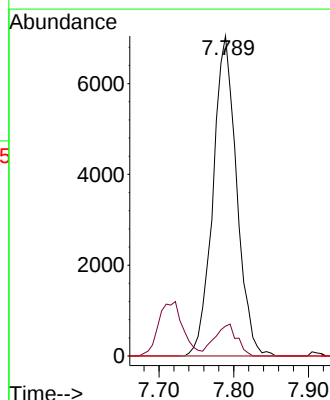
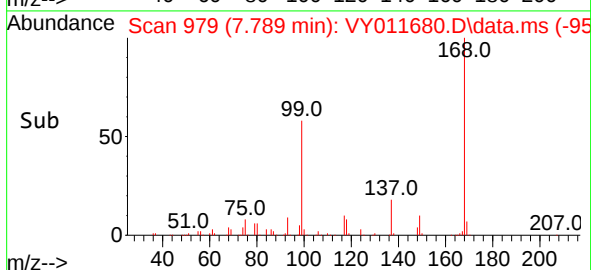
Tgt Ion:113 Resp: 112990
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.9 17.6 26.4

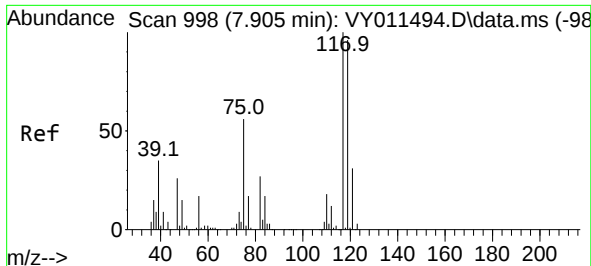


#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01



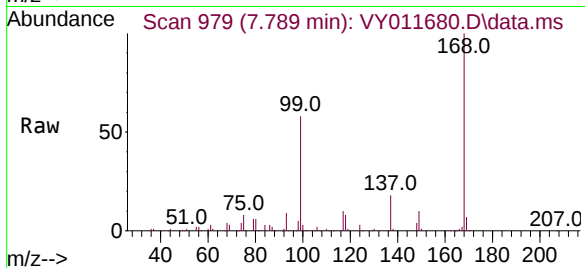
Tgt Ion: 75 Resp: 15509
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



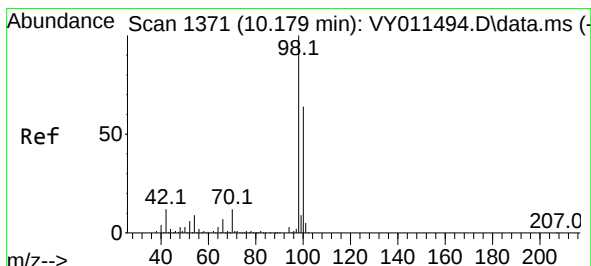
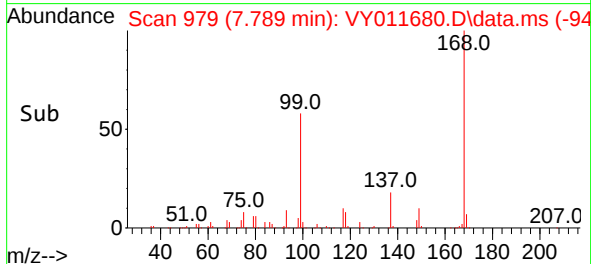
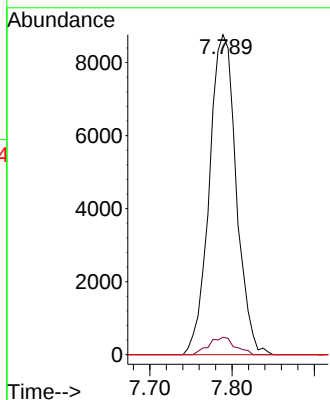


#38
Carbon Tetrachloride
Concen: 5.187 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :

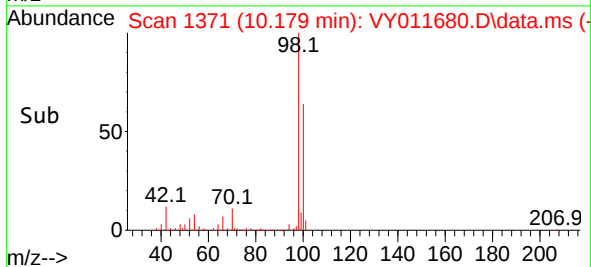
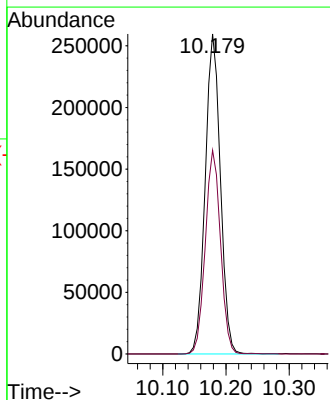
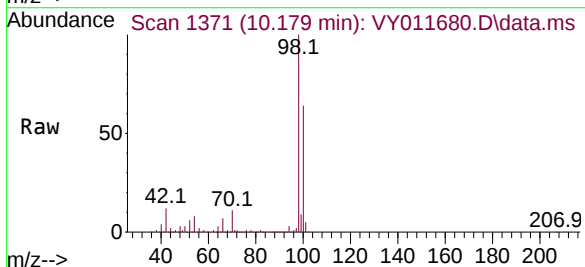


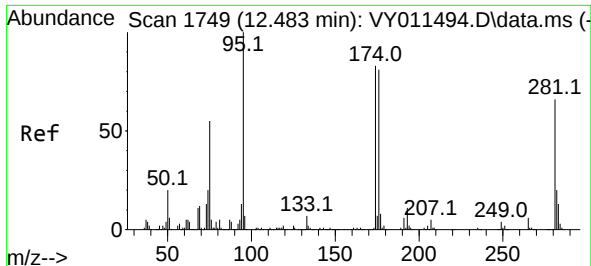
Tgt Ion:117 Resp: 19938
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.235 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Tgt Ion: 98 Resp: 433170
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

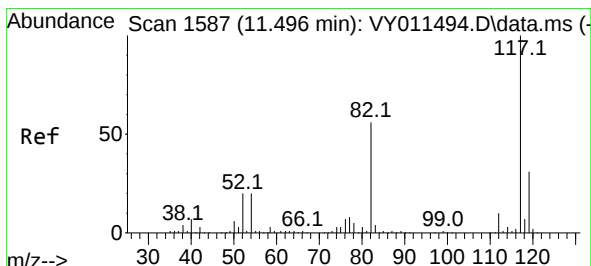
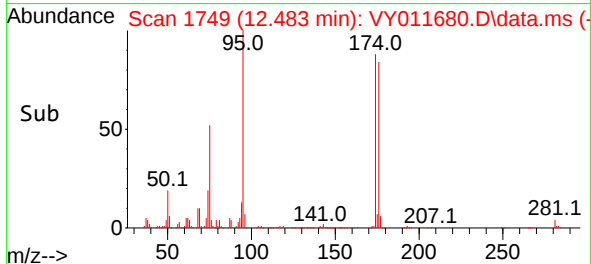
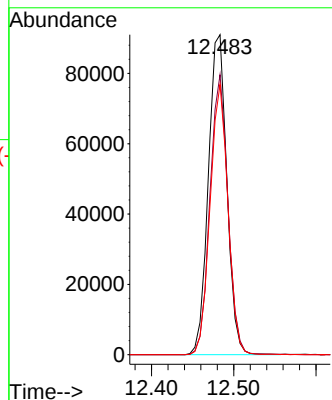
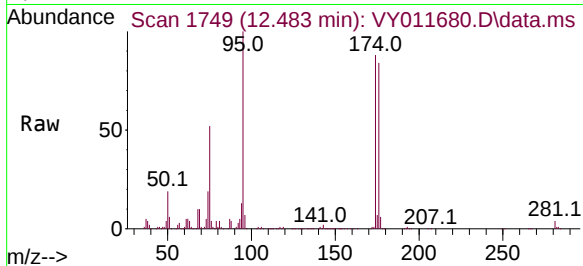




#62
4-Bromofluorobenzene
Concen: 48.162 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

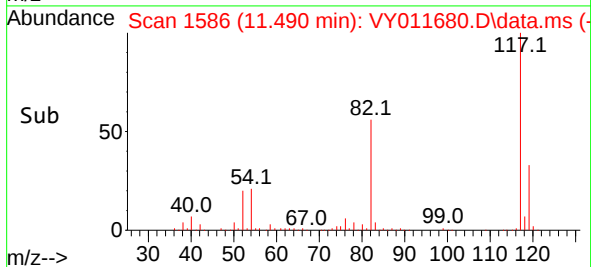
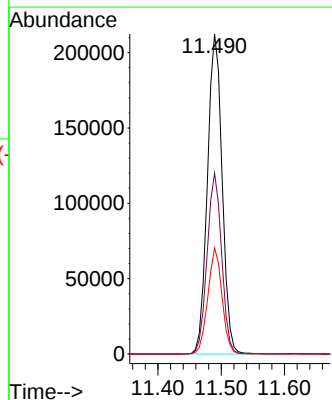
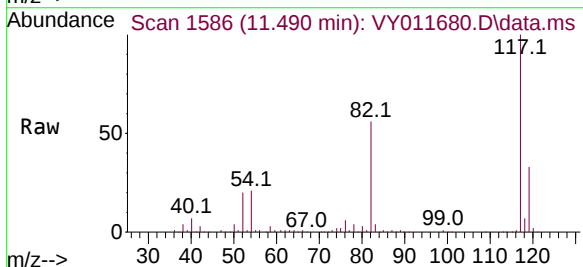
Instrument :
MSVOA_Y
ClientSampleId :

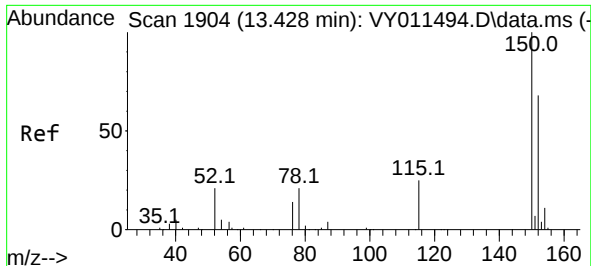
Tgt Ion: 95 Resp: 142222
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

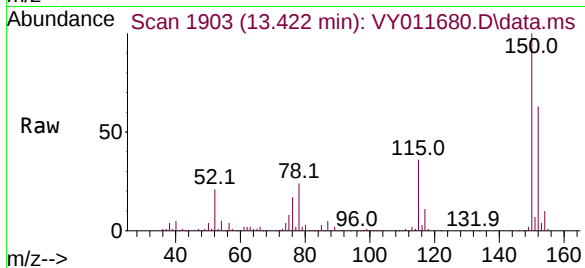
Tgt Ion: 117 Resp: 343610
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 33.1 25.4 38.0



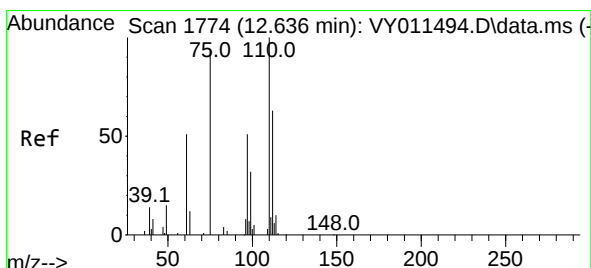
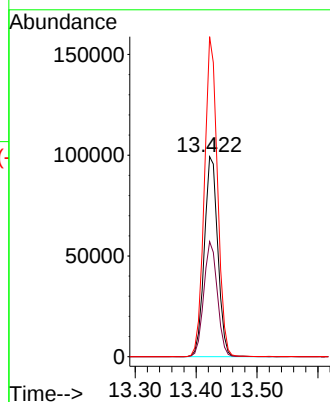
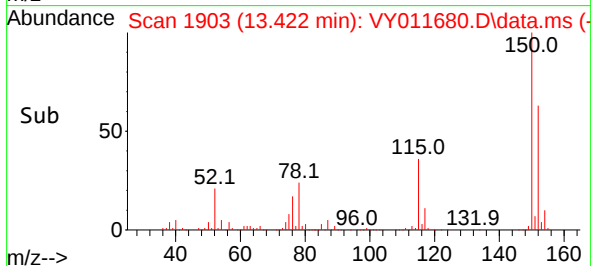


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY011680.D
 Acq: 02 Dec 2022 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :

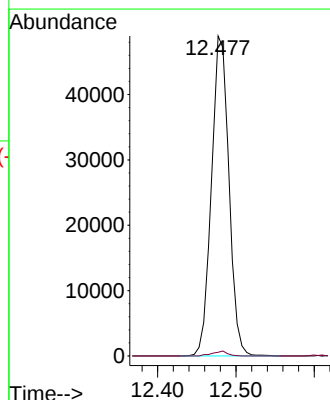
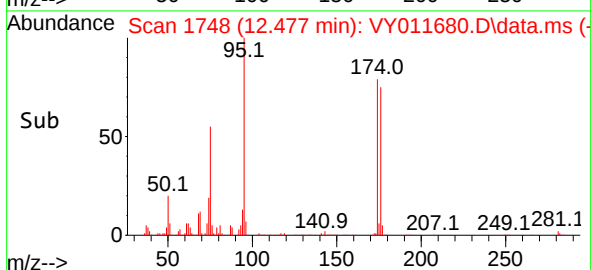
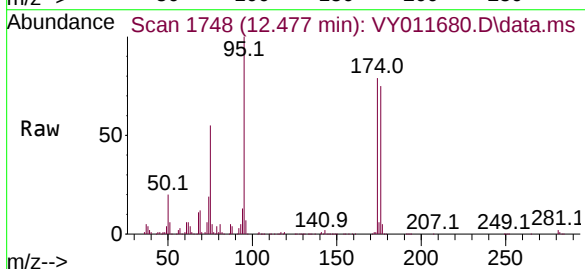


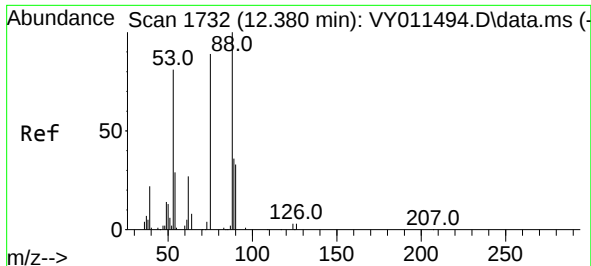
Tgt Ion:152 Resp: 152354
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 155.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.170 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY011680.D
 Acq: 02 Dec 2022 14:01

Tgt Ion: 75 Resp: 75754
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

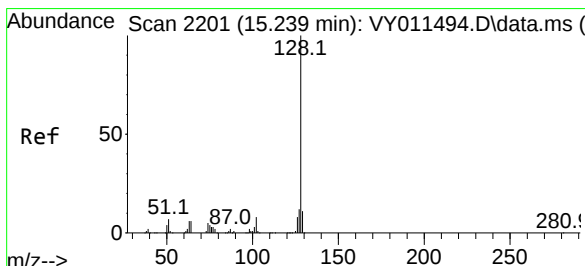
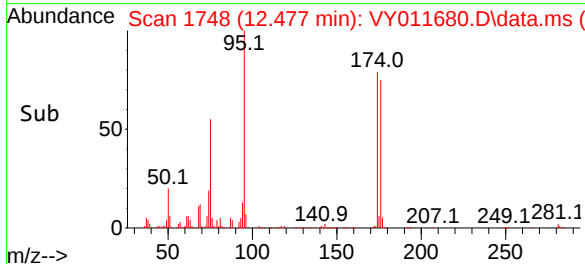
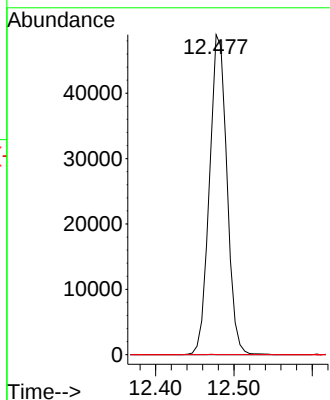
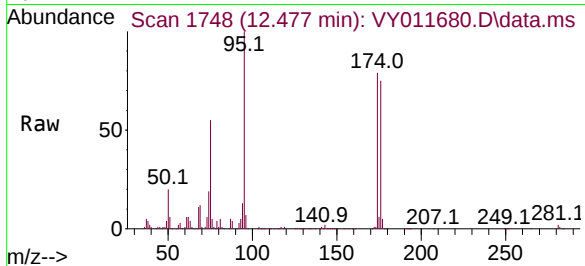




#81
trans-1,4-Dichloro-2-butene
Concen: 101.129 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75754
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.079 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011680.D
Acq: 02 Dec 2022 14:01

Tgt Ion: 128 Resp: 345
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

