

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011080.D
 Acq On : 24 Oct 2022 19:23
 Operator : KP/MD
 Sample : N5256-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-F2-14.5-15.0

Quant Time: Oct 25 05:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	449256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	401868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138009	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.716	113	144309	57.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.940%
50) Toluene-d8	10.179	98	498688	53.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.477	95	169530	51.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.180%

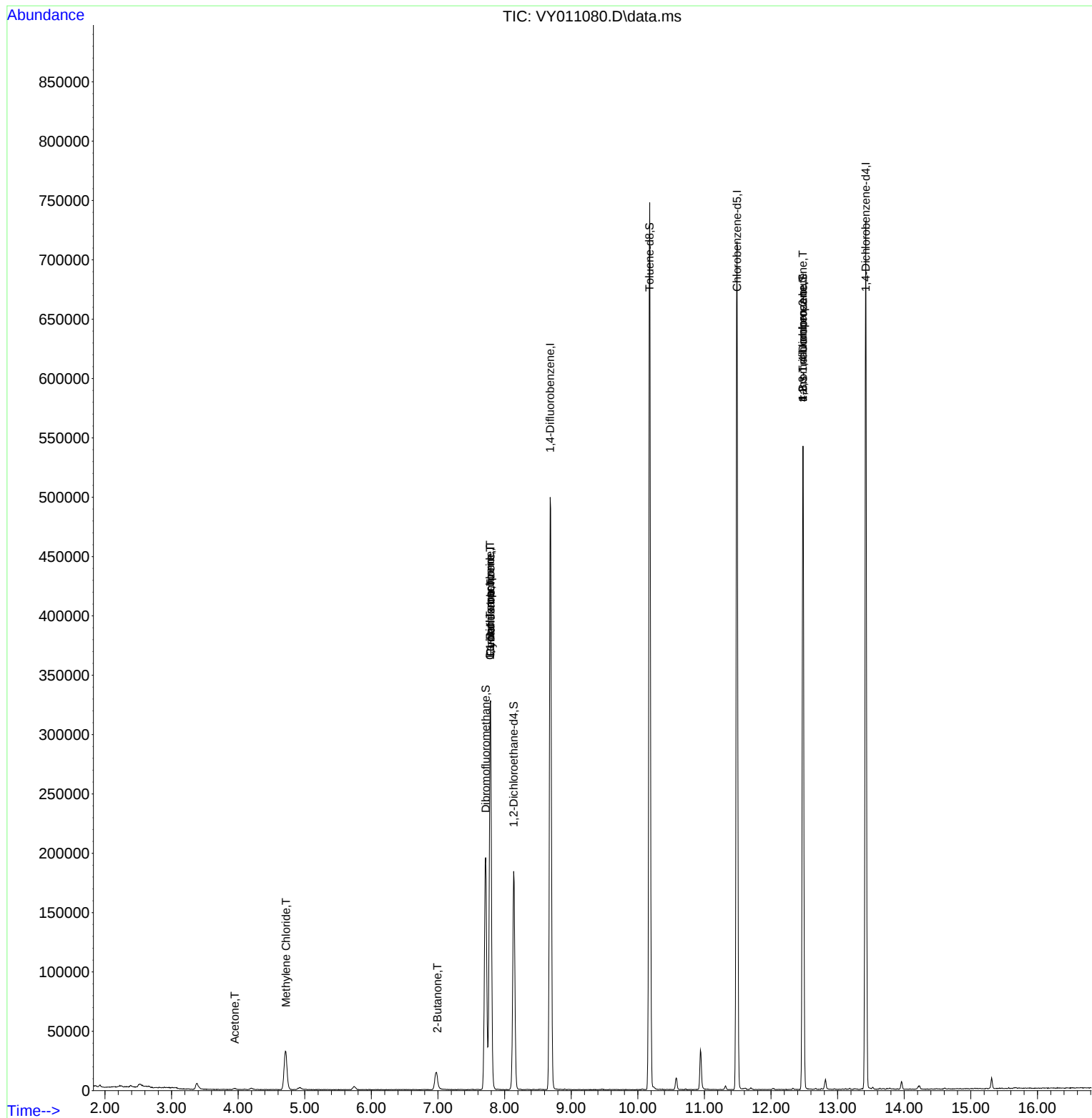
Target Compounds					Qvalue
11) Tert butyl alcohol	4.936	59	2013	Below Cal	# 77
16) Acetone	3.948	43	1847	2.674	ug/l # 87
18) Methyl Acetate	4.686	43	47	Below Cal	# 56
20) Methylene Chloride	4.716	84	25844	2.595	ug/l # 81
25) 2-Butanone	6.990	43	1510	1.441	ug/l # 95
31) Cyclohexane	7.789	56	4982	1.094	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	19800	4.734	ug/l # 50
38) Carbon Tetrachloride	7.783	117	25807	5.978	ug/l # 15
76) 1,2,3-Trichloropropane	12.477	75	84627	39.845	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84627	85.695	ug/l # 7

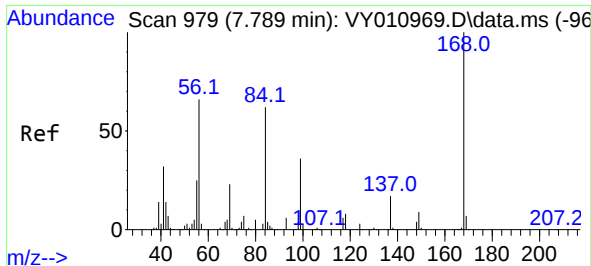
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
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SB-F2-14.5-15.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

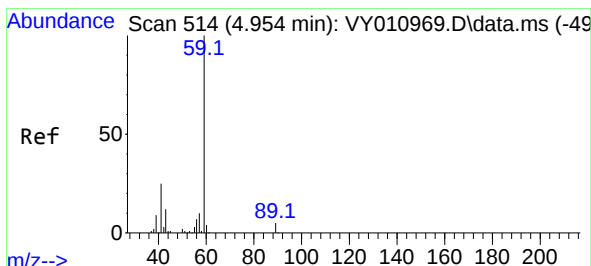
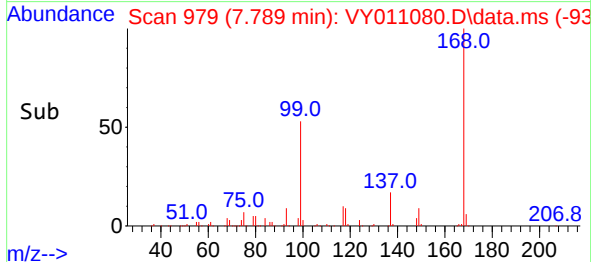
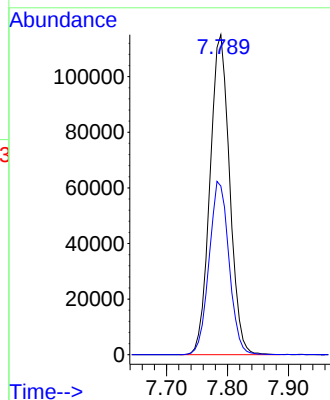
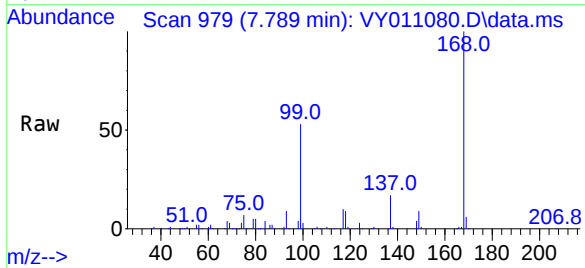




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

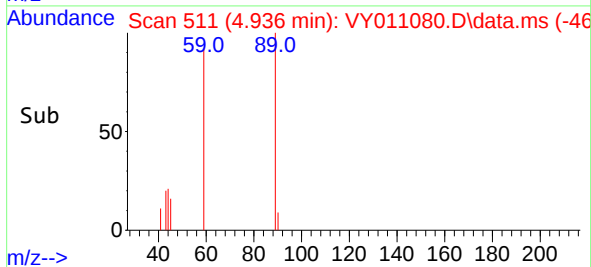
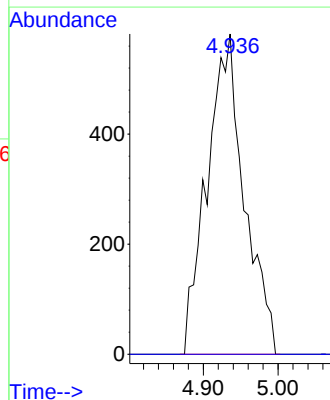
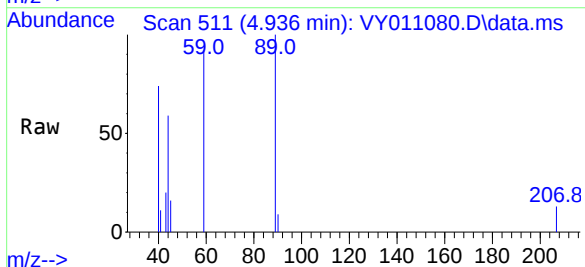
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

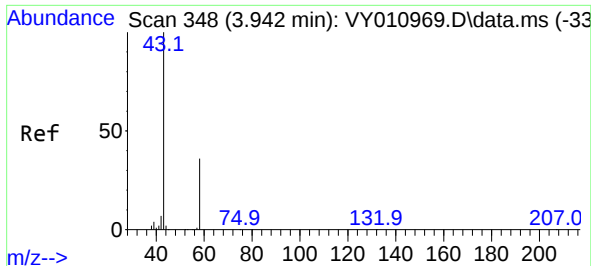
Tgt Ion:168 Resp: 258248
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 59 Resp: 2013
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

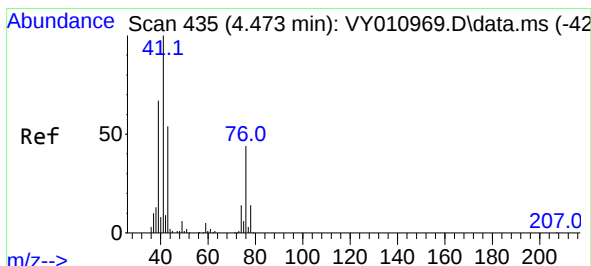
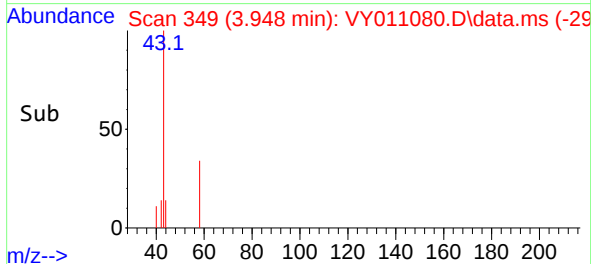
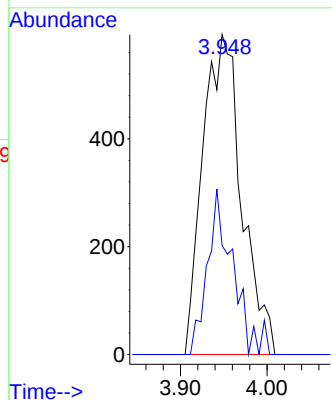
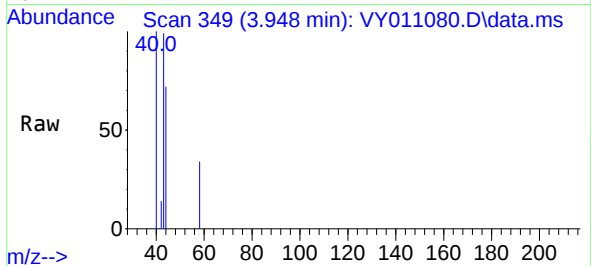




#16
Acetone
Concen: 2.674 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

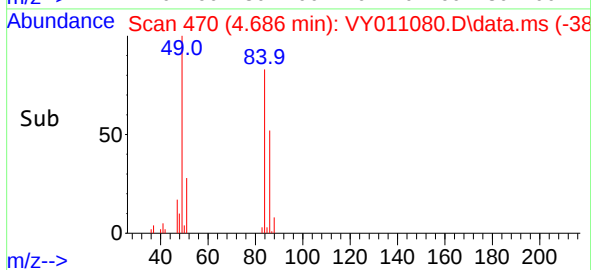
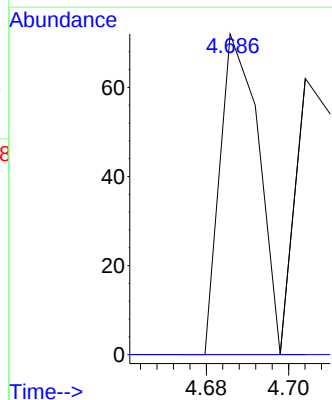
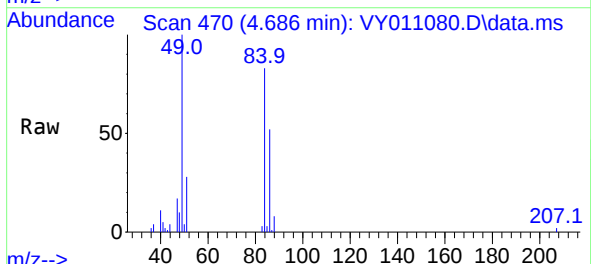
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

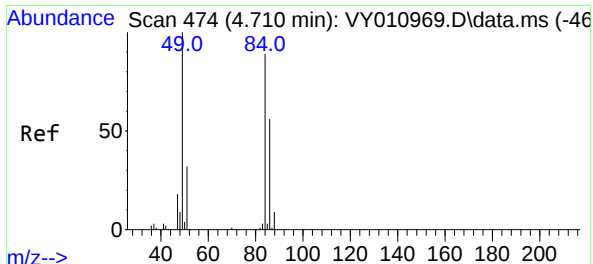
Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.686 min Scan# 470
Delta R.T. 0.213 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



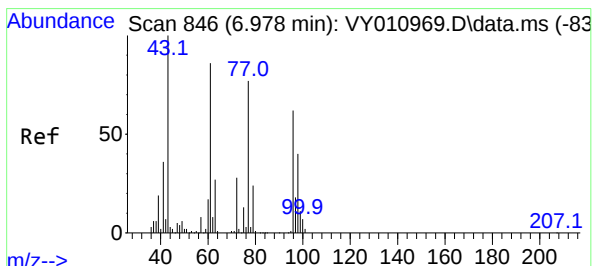
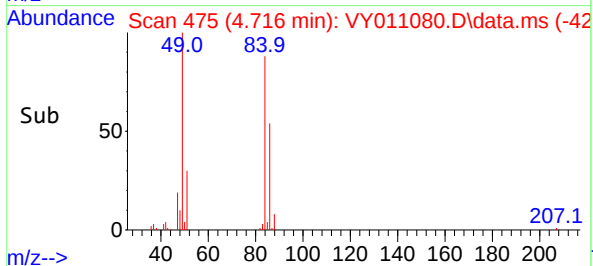
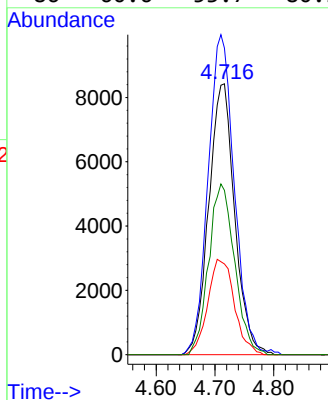
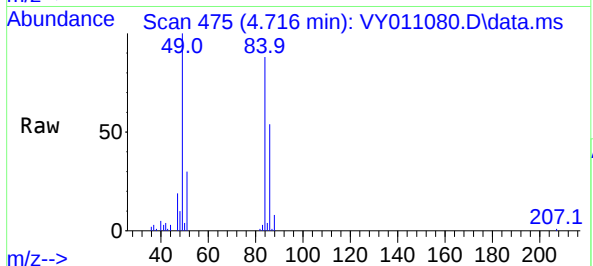


#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

Tgt Ion: 84 Resp: 25844

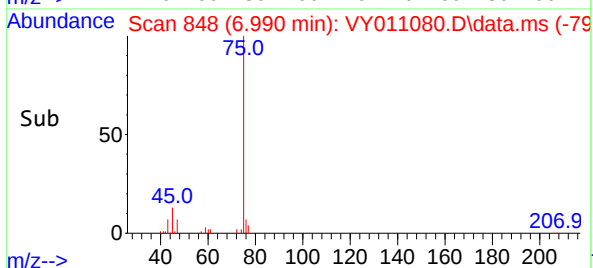
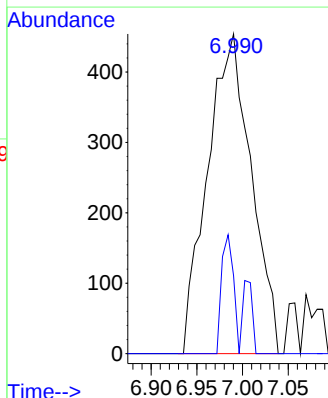
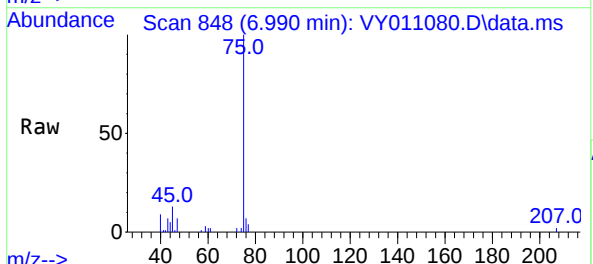
Ion	Ratio	Lower	Upper
84	100		
49	113.1	114.4	171.6#
51	33.5	35.3	52.9#
86	60.6	53.7	80.5

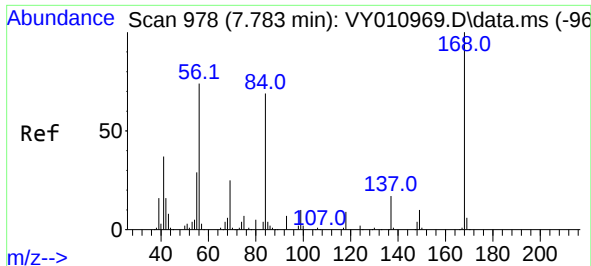


#25
2-Butanone
Concen: 1.441 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
72	24.4	17.7	26.5

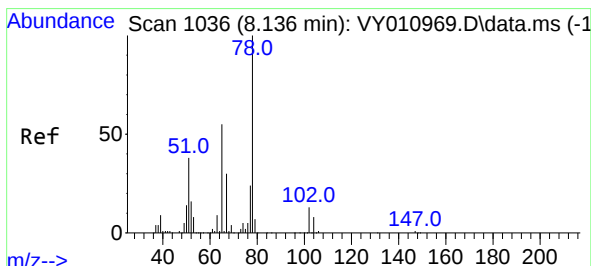
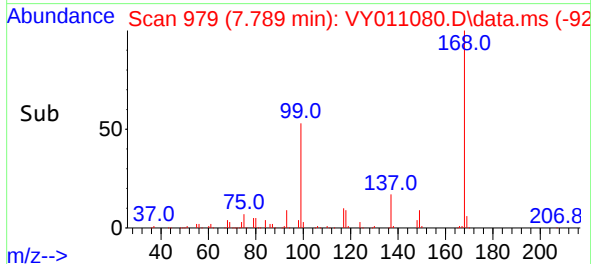
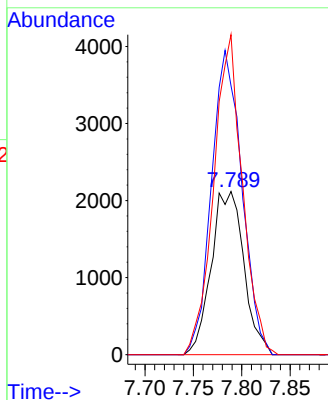
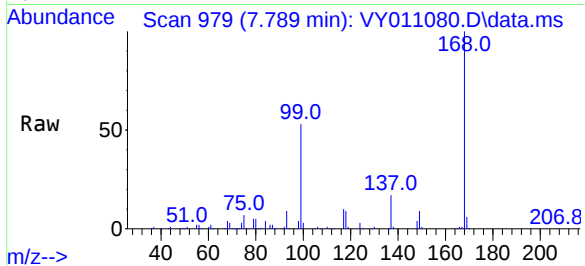




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

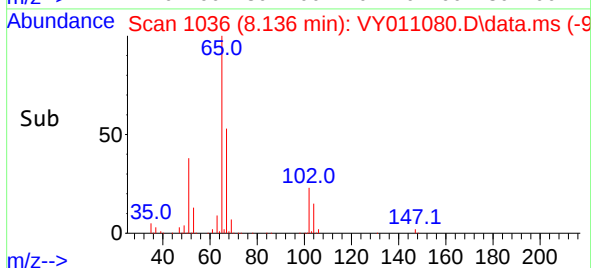
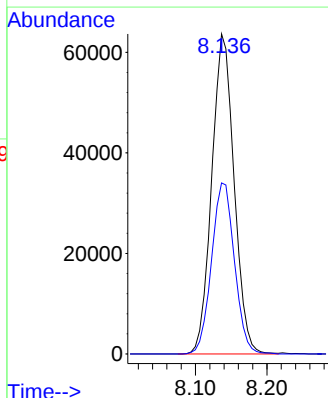
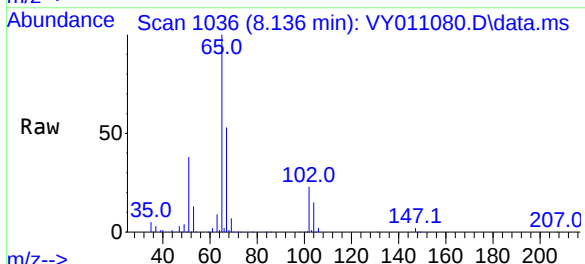
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

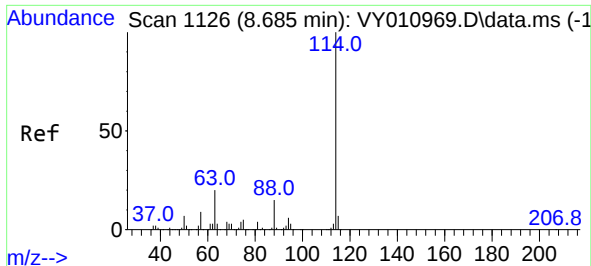
Tgt Ion: 56 Resp: 4982
Ion Ratio Lower Upper
56 100
69 164.8 26.7 40.1#
84 196.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 65 Resp: 138009
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

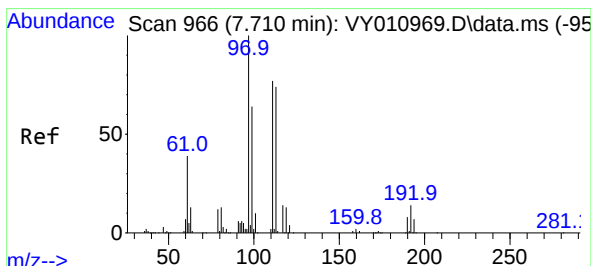
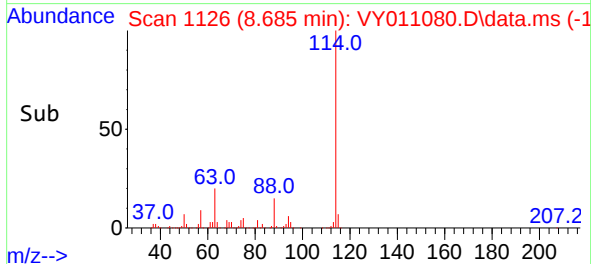
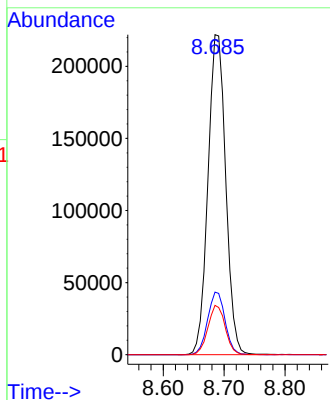
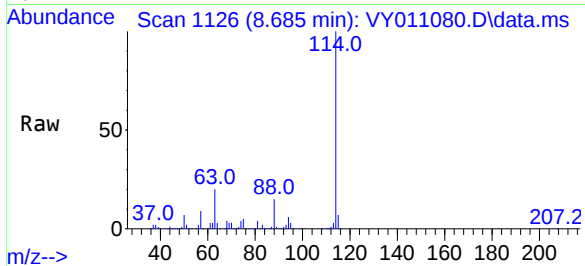




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

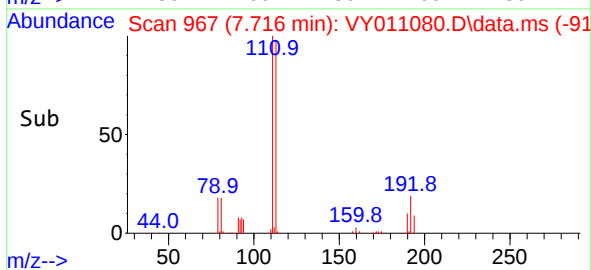
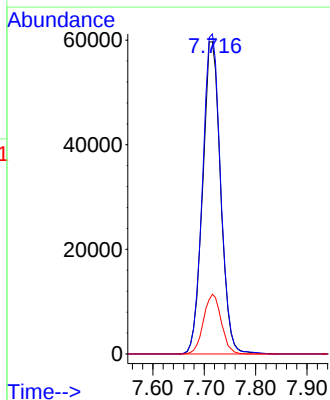
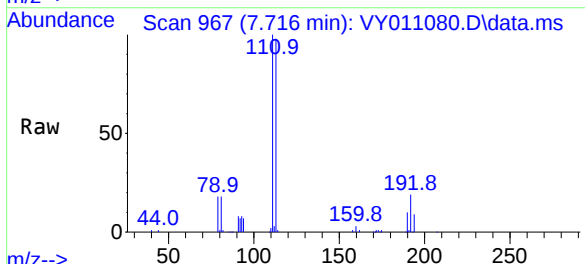
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

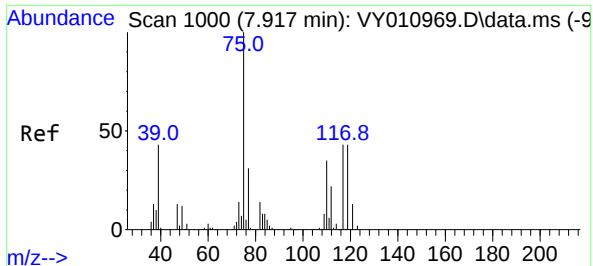
Tgt Ion:114 Resp: 449256
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.969 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion:113 Resp: 144309
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.0 17.6 26.4

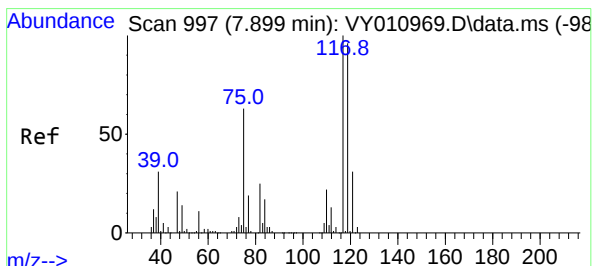
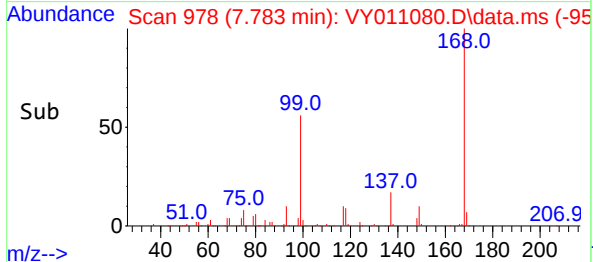
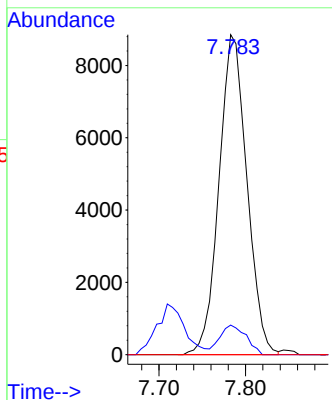
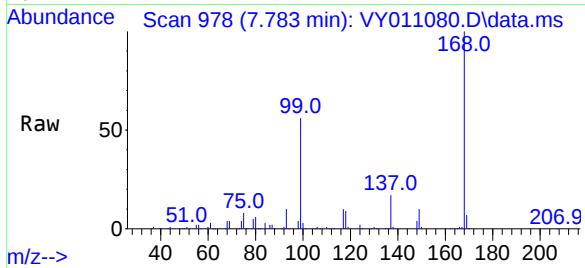




#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

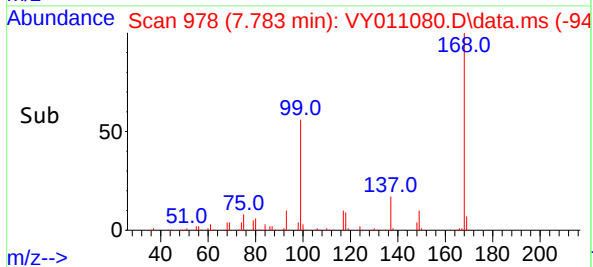
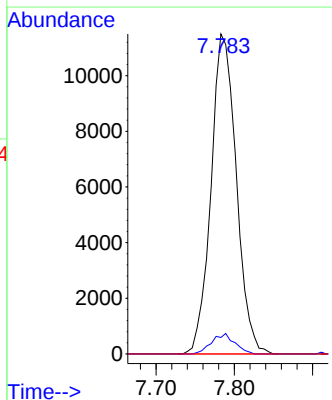
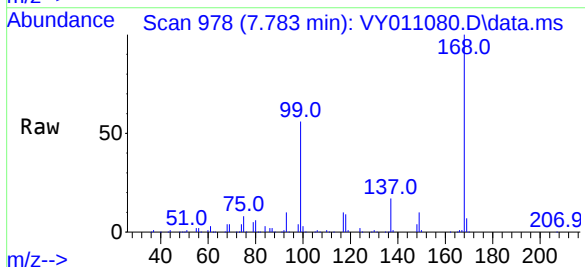
Instrument :
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SB-F2-14.5-15.0

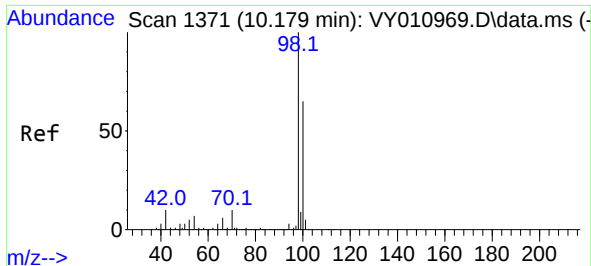
Tgt Ion: 75 Resp: 19800
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 117 Resp: 25807
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

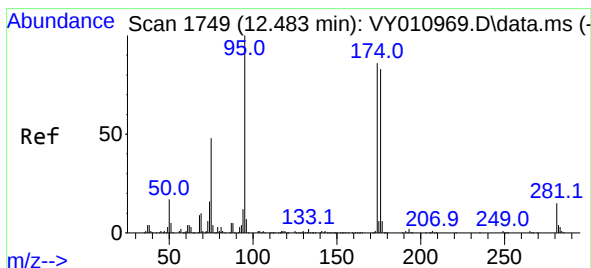
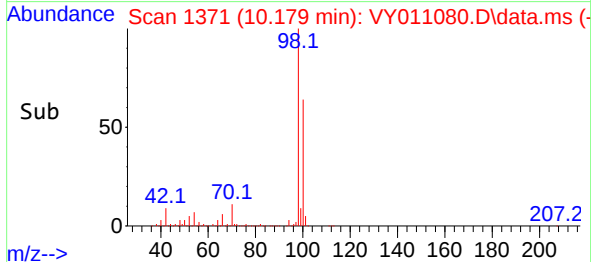
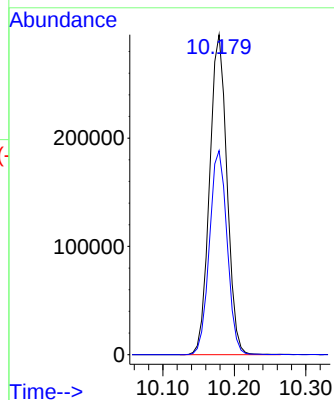
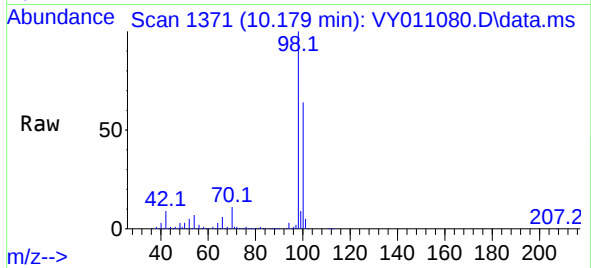




#50
Toluene-d8
Concen: 53.162 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

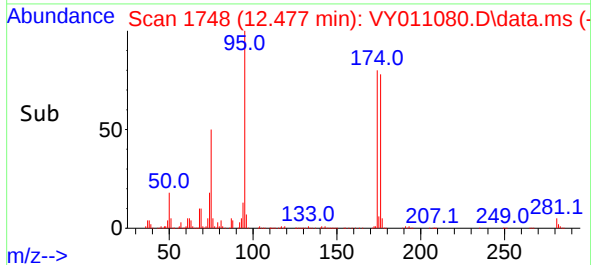
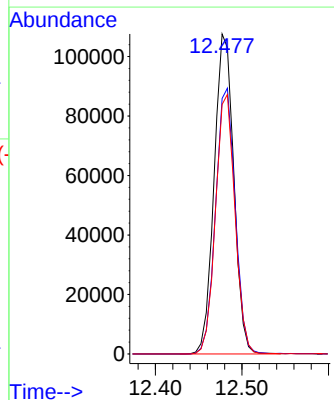
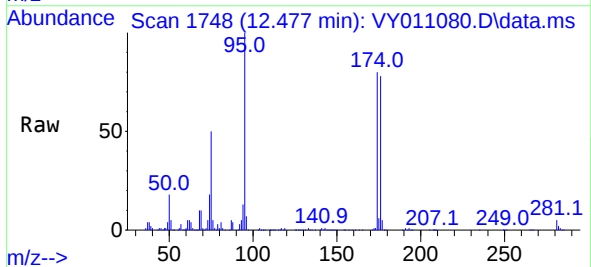
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

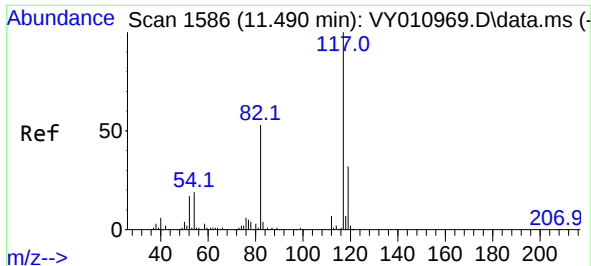
Tgt Ion: 98 Resp: 498688
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.086 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

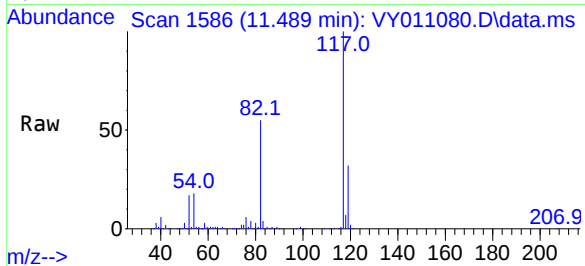
Tgt Ion: 95 Resp: 169530
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 80.2 0.0 175.8



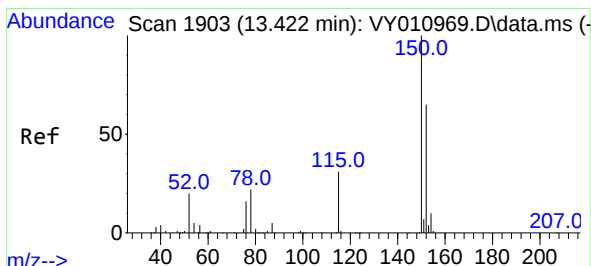
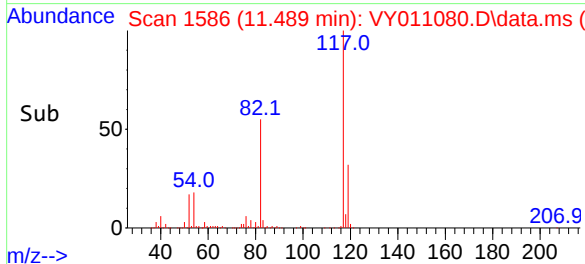
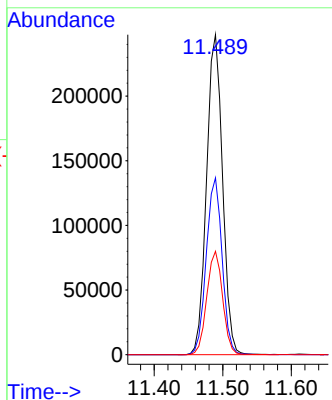


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

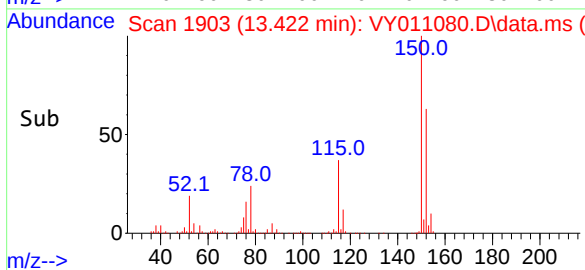
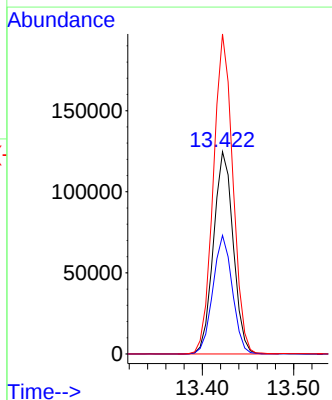
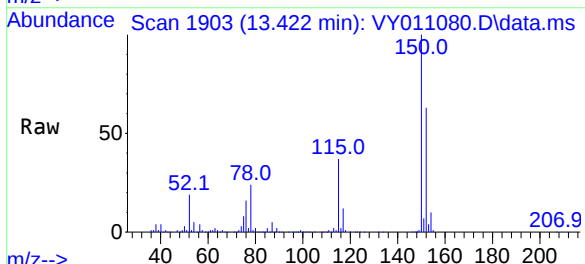


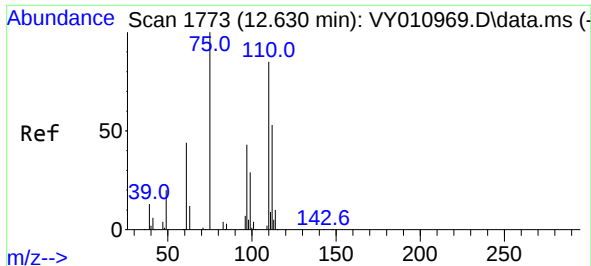
Tgt Ion:117 Resp: 401868
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion:152 Resp: 187076
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.9 0.0 347.6

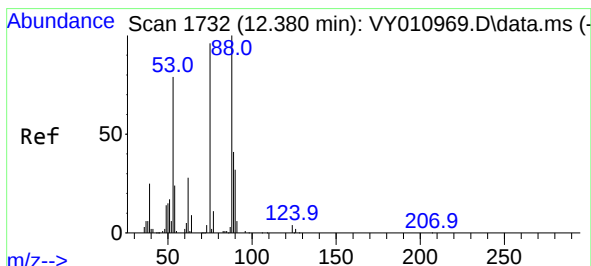
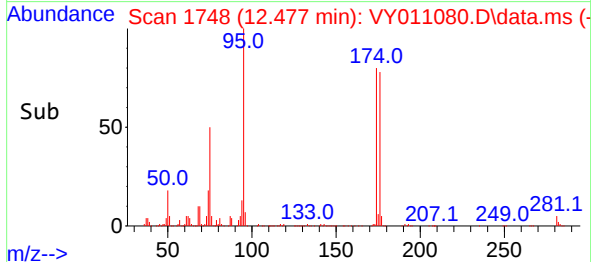
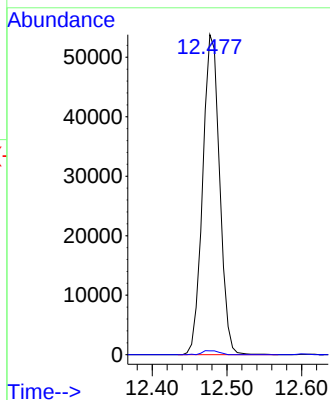
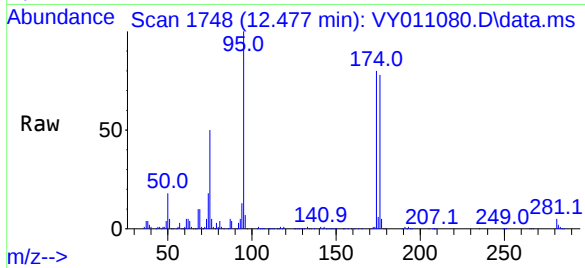




#76
1,2,3-Trichloropropane
Concen: 39.845 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

Tgt Ion: 75 Resp: 84627
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 75 Resp: 84627
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

