

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010697.D
 Acq On : 27 Sep 2022 14:52
 Operator : KP/MD
 Sample : N4751-05
 Misc : 10.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 01:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

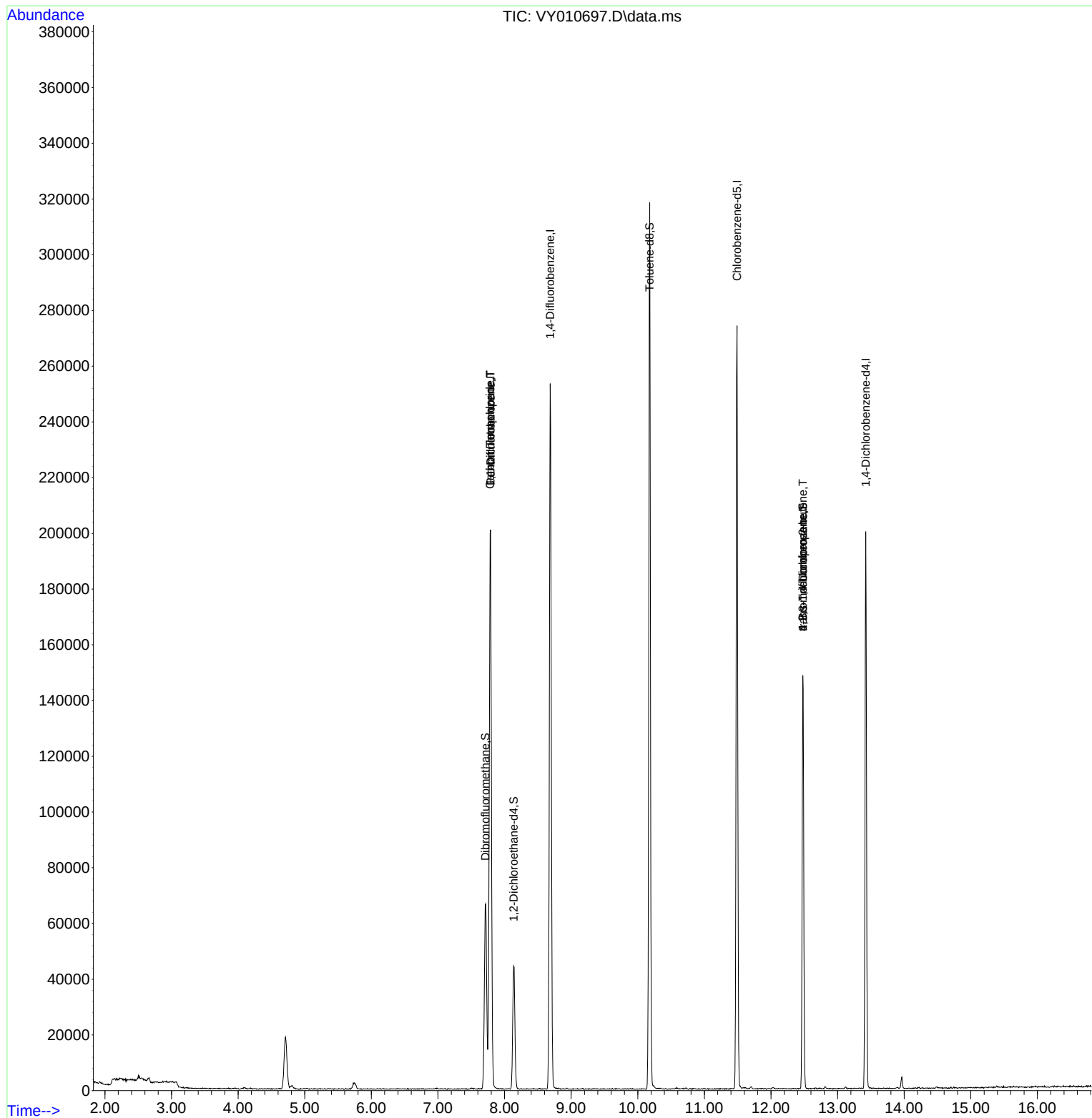
Internal Standards						
1) Pentafluorobenzene	7.789	168	155058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	150188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35209	23.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.480%#
35) Dibromofluoromethane	7.710	113	48768	35.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.960%
50) Toluene-d8	10.179	98	202806	40.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.100%
62) 4-Bromofluorobenzene	12.477	95	45246	22.515	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.020%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	25	Below Cal	#	43
3) Chloromethane	2.113	50	360	Below Cal	#	81
4) Vinyl Chloride	2.247	62	53	Below Cal	#	43
5) Bromomethane	2.662	94	480	Below Cal	#	86
17) Carbon Disulfide	4.186	76	98	Below Cal	#	75
18) Methyl Acetate	4.716	43	20	Below Cal	#	56
20) Methylene Chloride	4.710	84	13877	Below Cal	#	88
31) Cyclohexane	7.783	56	3244	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	12191	7.960 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	15215	8.640 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	24016	49.772 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24016	110.664 ug/l	#	7

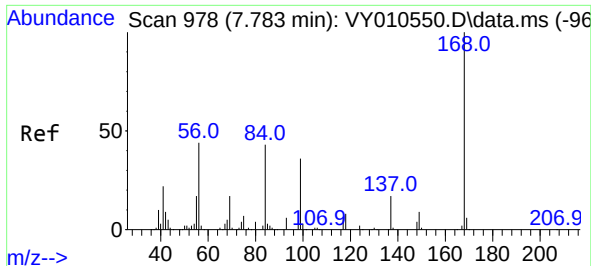
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
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Quant Time: Sep 28 01:25:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
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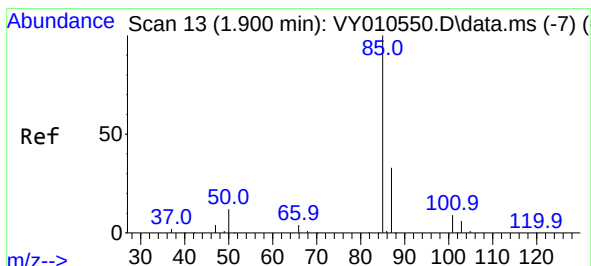
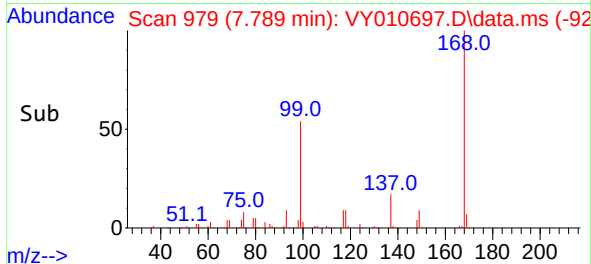
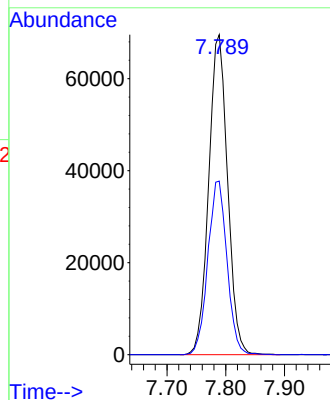
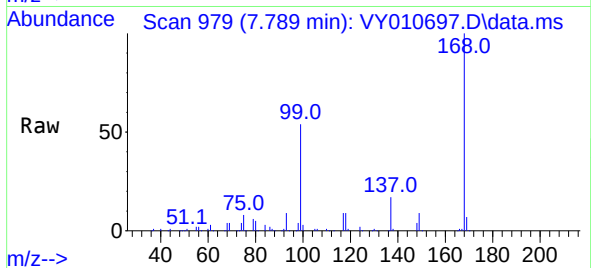




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

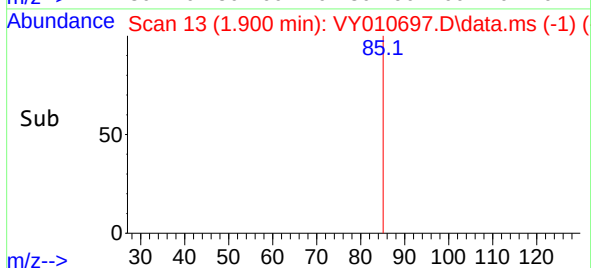
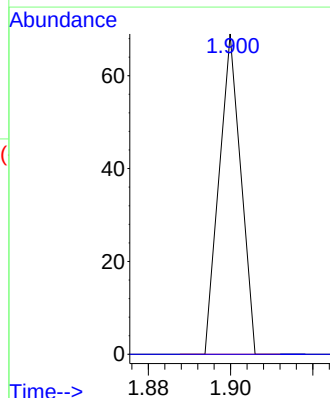
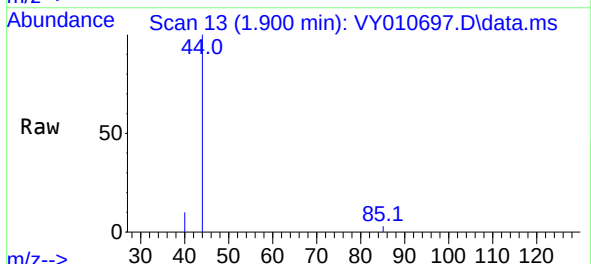
Instrument :
MSVOA_Y
ClientSampleId :

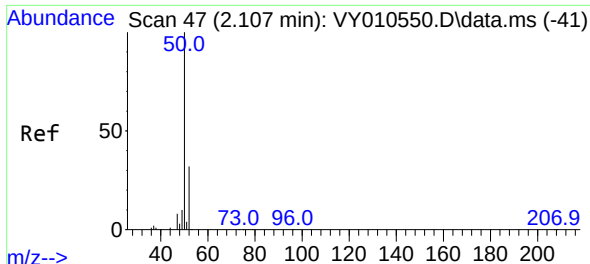
Tgt Ion:168 Resp: 155058
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

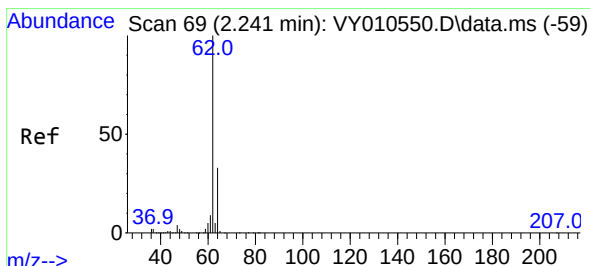
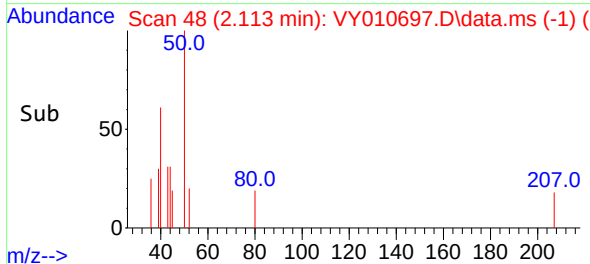
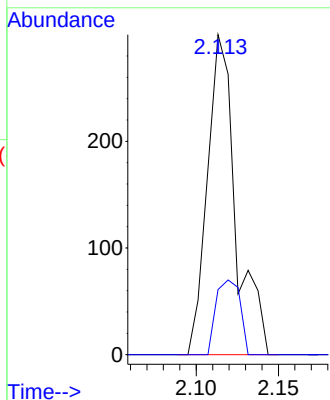
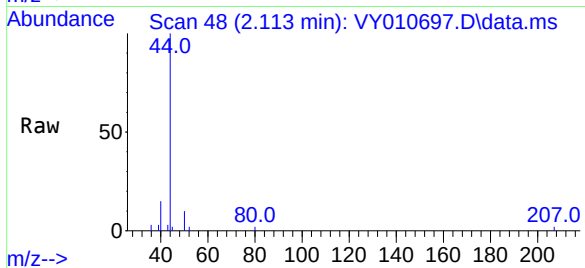




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

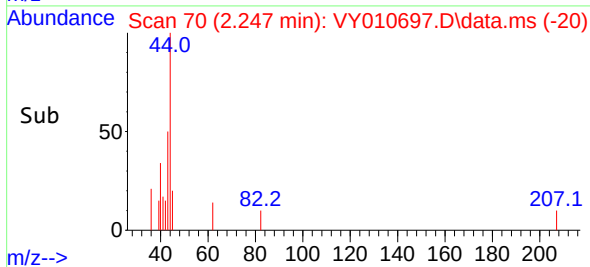
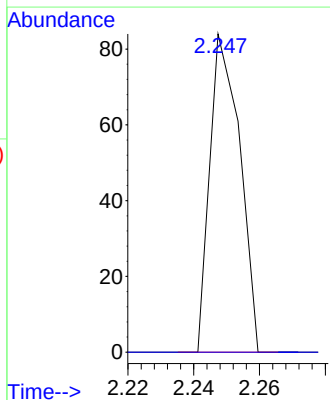
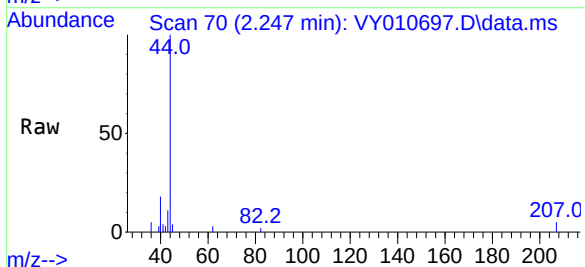
Instrument :
MSVOA_Y
ClientSampleId :

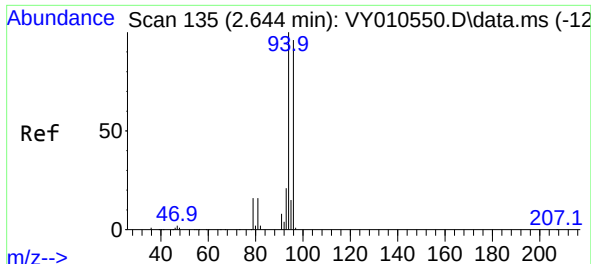
Tgt Ion: 50 Resp: 360
Ion Ratio Lower Upper
50 100
52 20.3 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

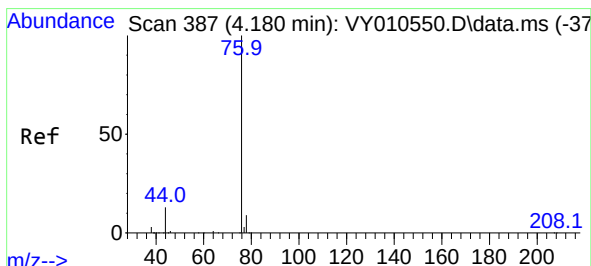
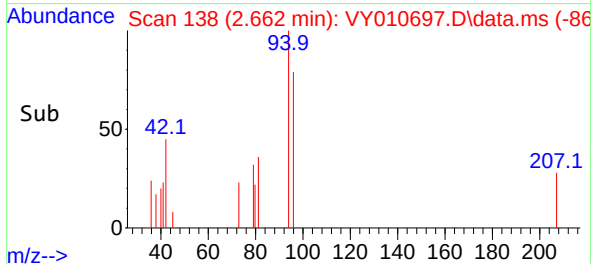
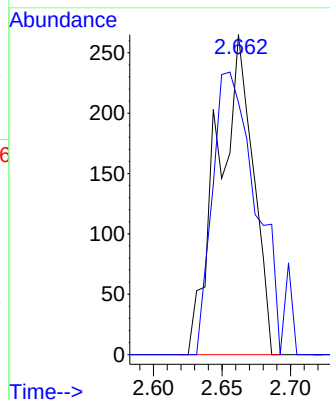
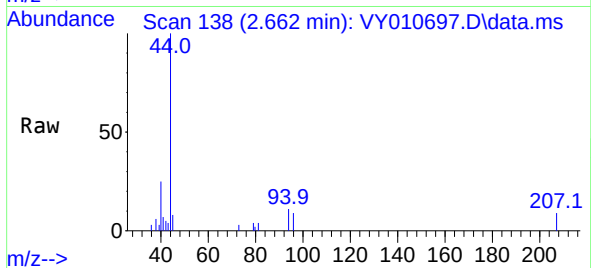




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

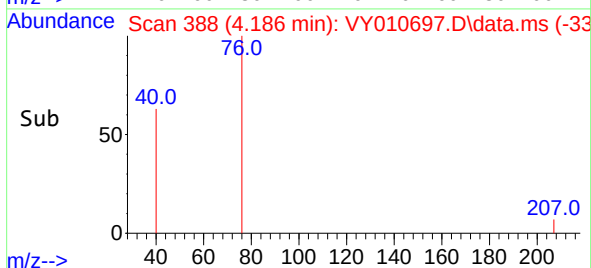
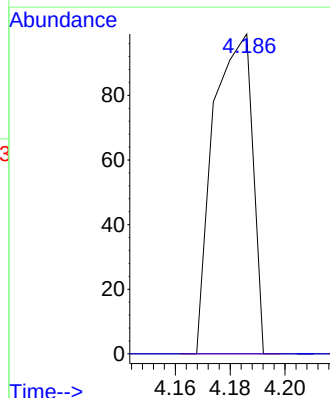
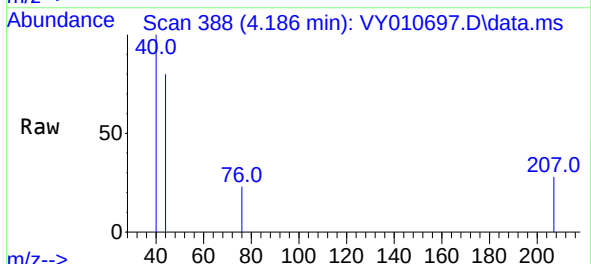
Instrument :
MSVOA_Y
ClientSampleId :

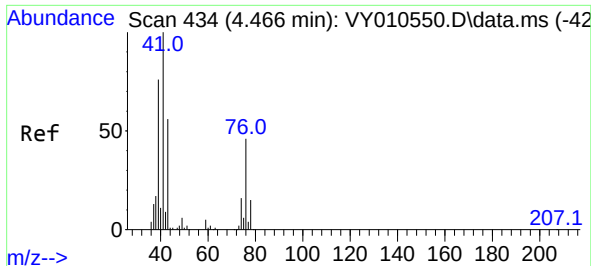
Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 78.9 73.5 110.3



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

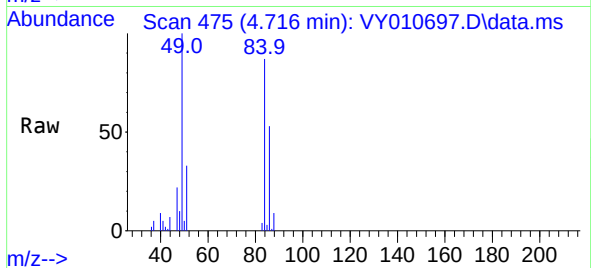
Tgt Ion: 76 Resp: 98
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



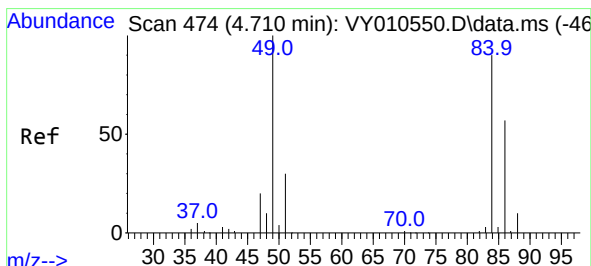
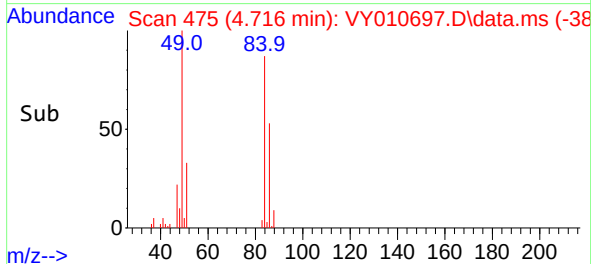
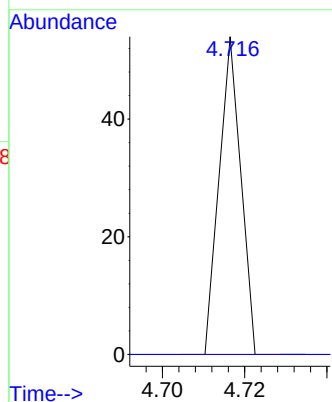


#18
Methyl Acetate
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.250 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

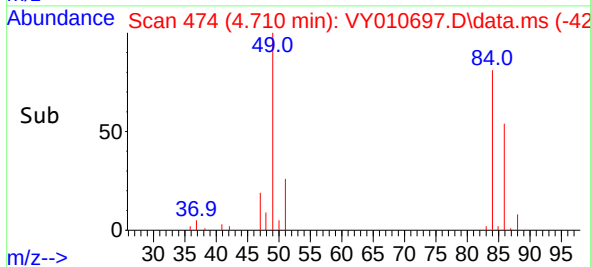
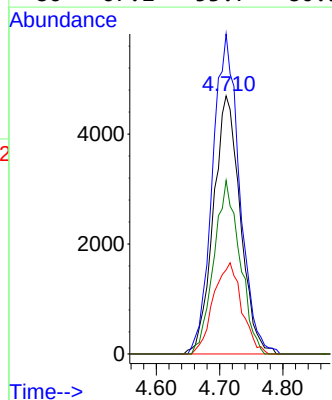
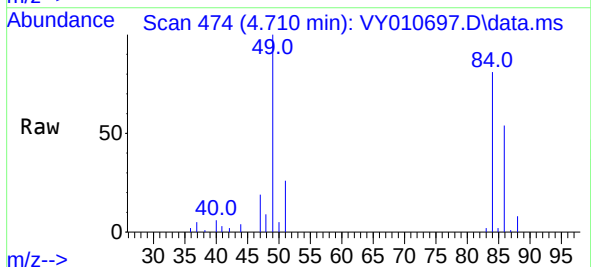


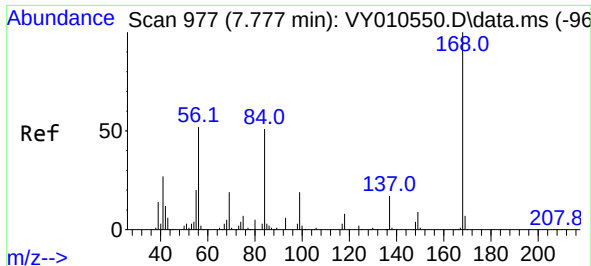
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

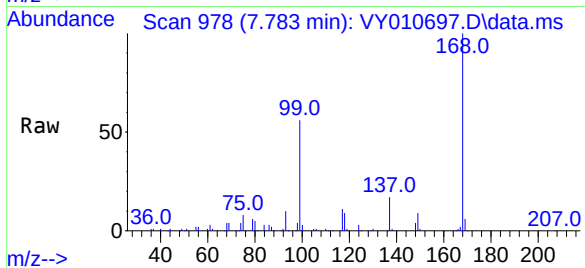
Tgt Ion: 84 Resp: 13877
Ion Ratio Lower Upper
84 100
49 124.0 114.4 171.6
51 32.6 35.3 52.9#
86 67.2 53.7 80.5



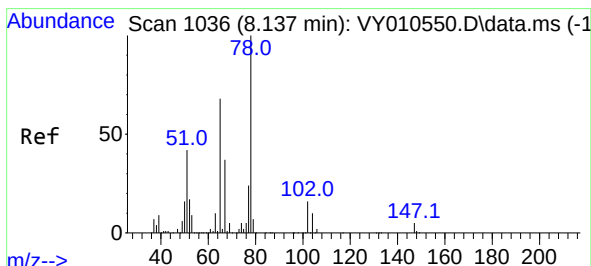
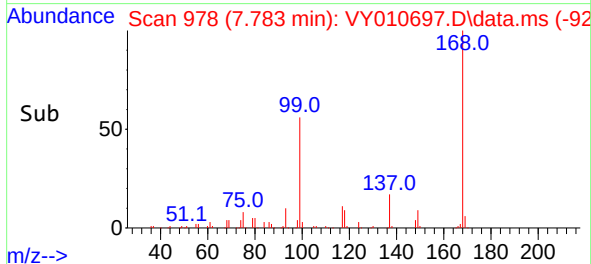
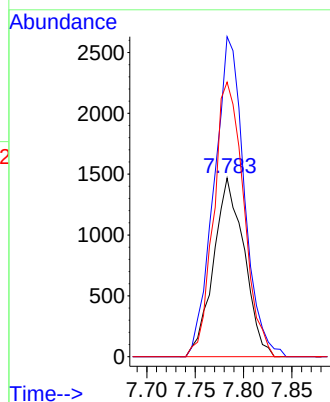


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

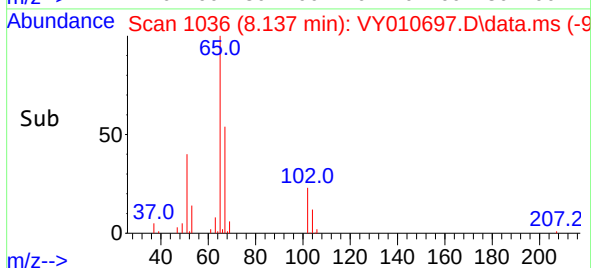
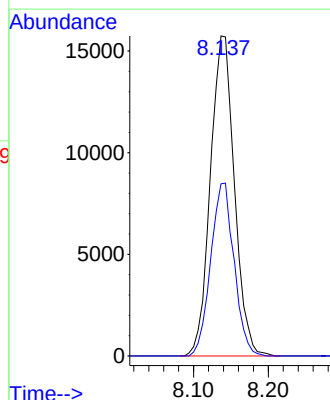
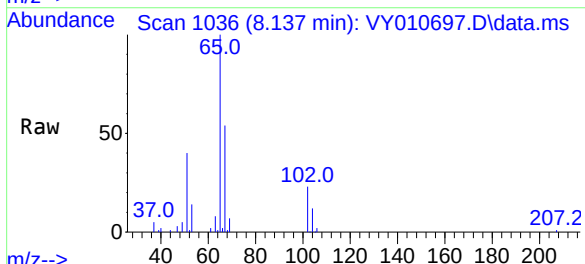


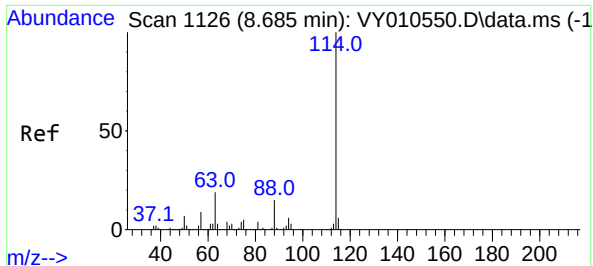
Tgt Ion: 56 Resp: 3244
Ion Ratio Lower Upper
56 100
69 179.2 26.7 40.1#
84 153.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 23.740 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 65 Resp: 35209
Ion Ratio Lower Upper
65 100
67 52.4 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: VY010697.D

Acq: 27 Sep 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

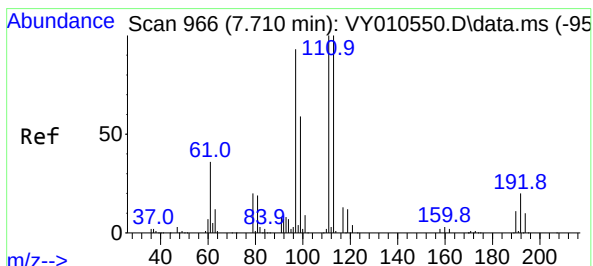
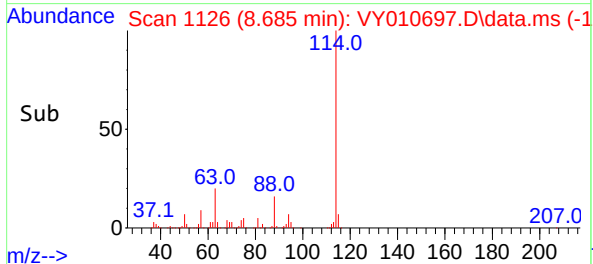
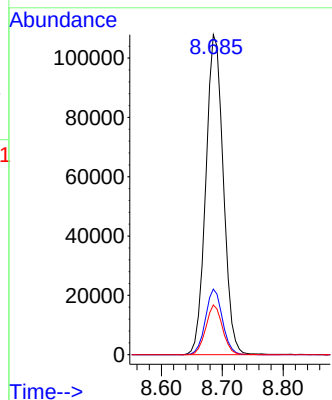
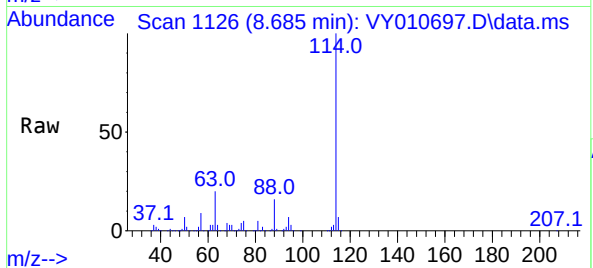
Tgt Ion:114 Resp: 215374

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 35.480 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010697.D

Acq: 27 Sep 2022 14:52

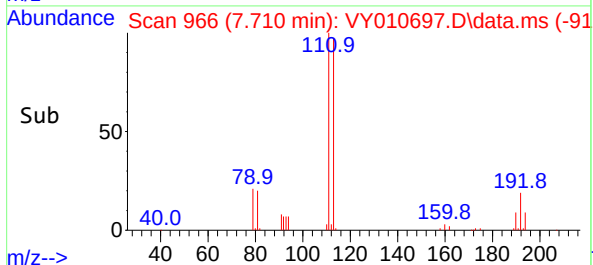
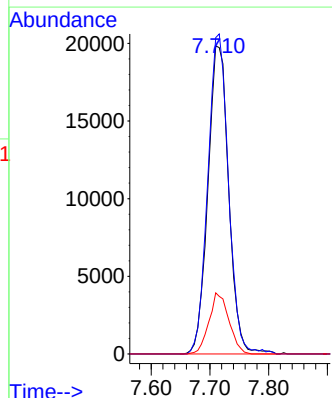
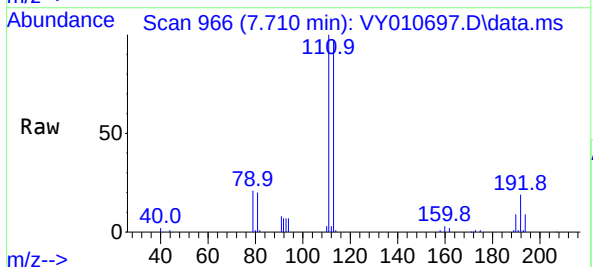
Tgt Ion:113 Resp: 48768

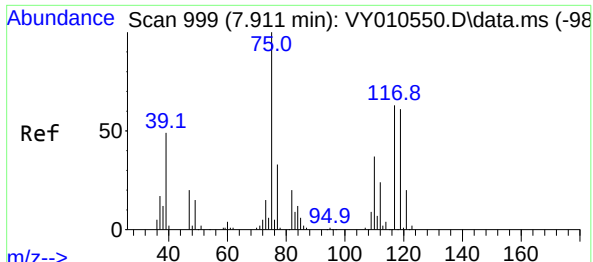
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

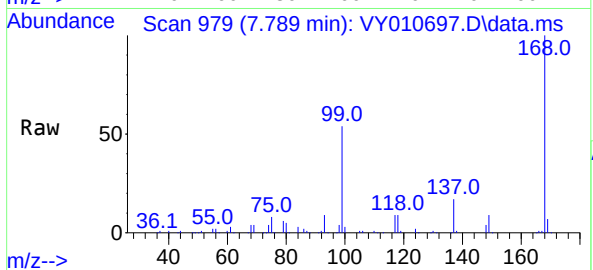
192 19.0 17.6 26.4



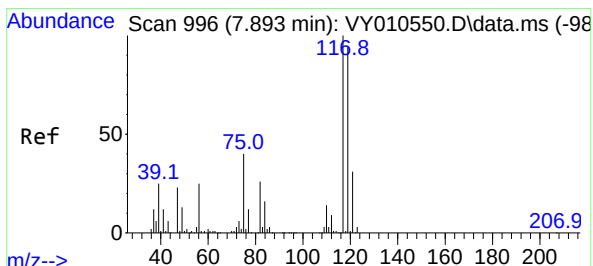
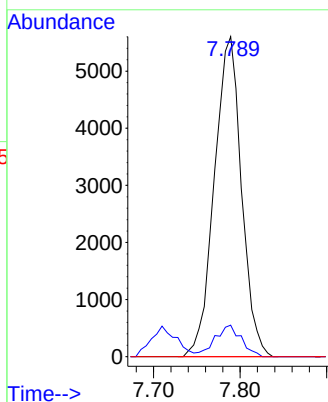
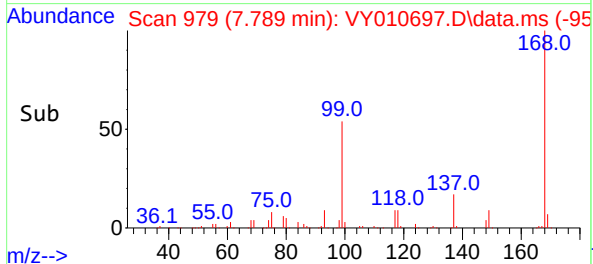


#36
1,1-Dichloropropene
Concen: 7.960 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

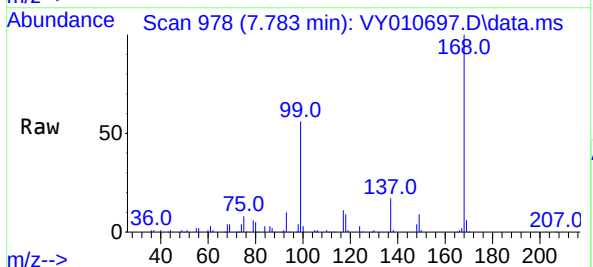
Instrument :
MSVOA_Y
ClientSampleId :



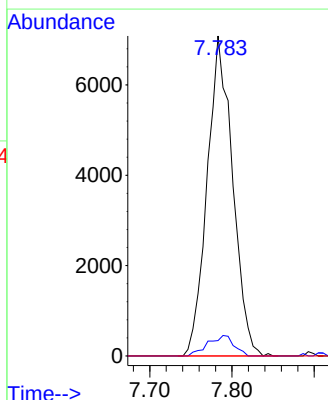
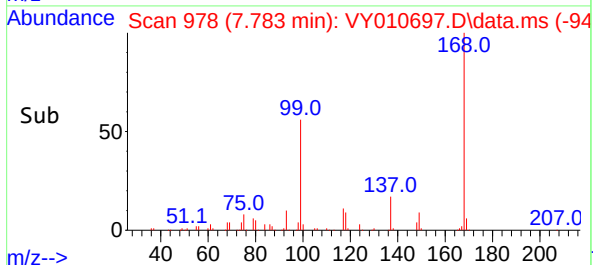
Tgt Ion: 75 Resp: 12191
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

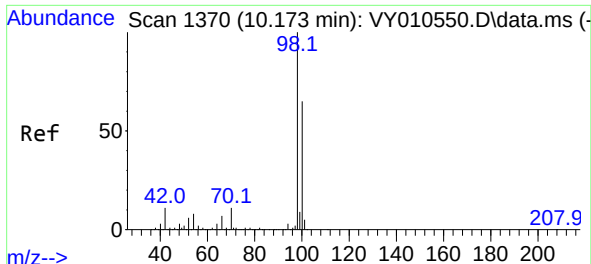


#38
Carbon Tetrachloride
Concen: 8.640 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52



Tgt Ion: 117 Resp: 15215
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

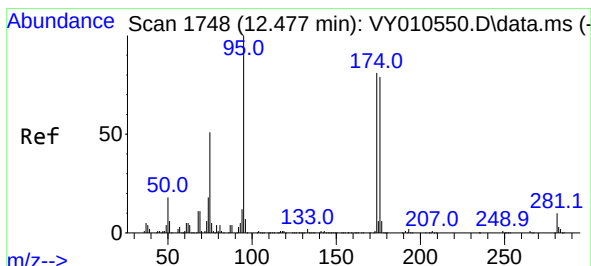
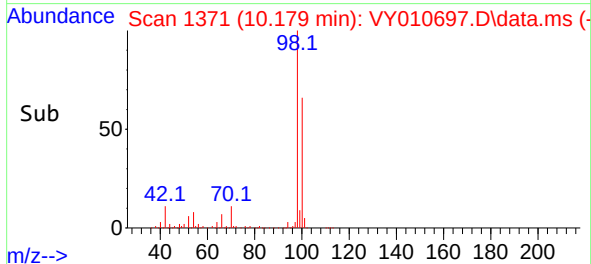
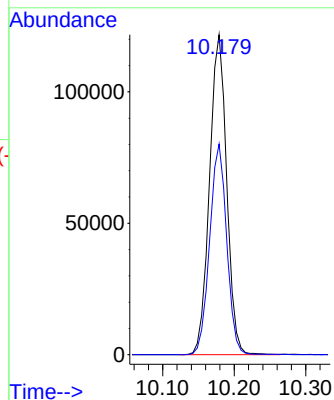
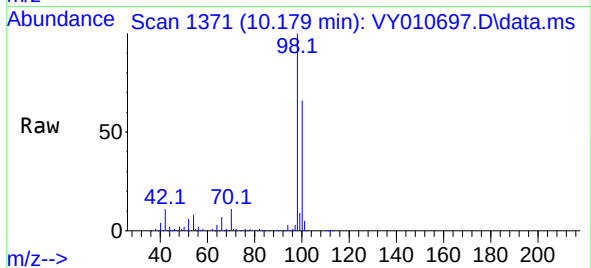




#50
Toluene-d8
Concen: 40.552 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

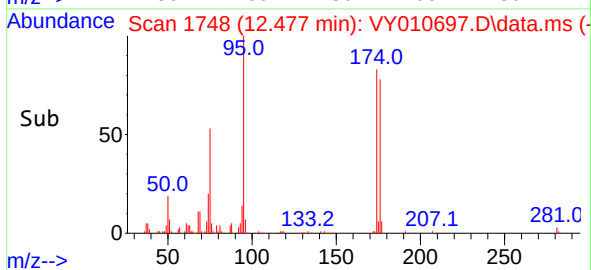
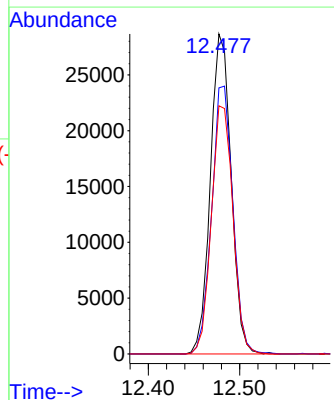
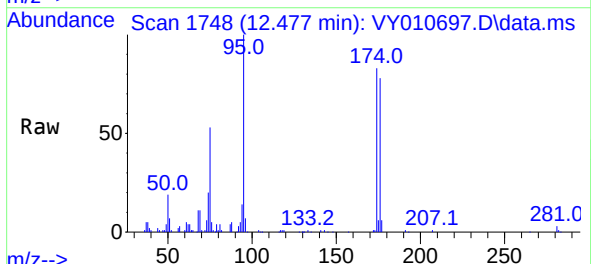
Instrument :
MSVOA_Y
ClientSampleId :

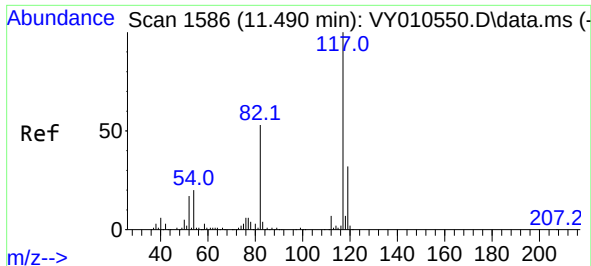
Tgt Ion: 98 Resp: 202806
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 22.515 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

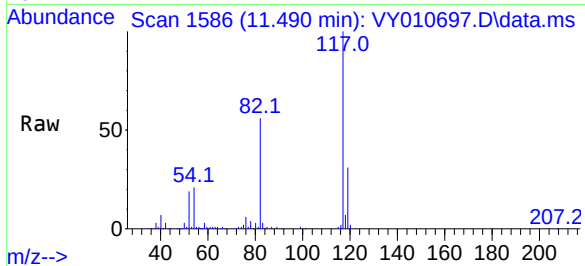
Tgt Ion: 95 Resp: 45246
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 80.5 0.0 175.8



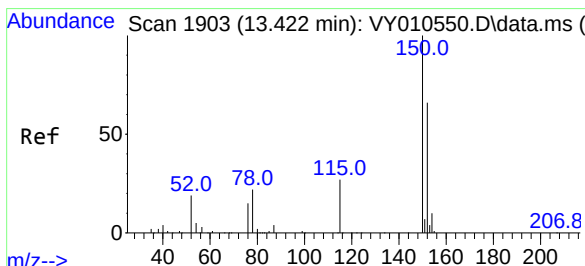
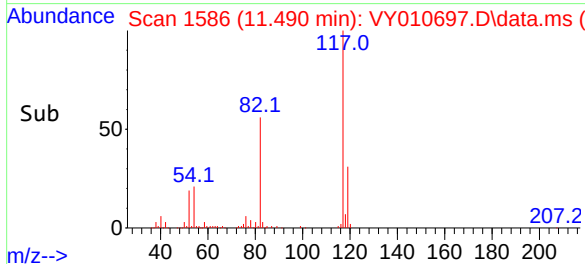
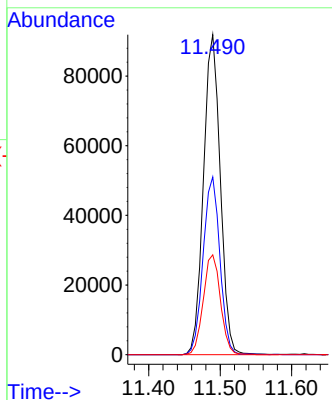


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

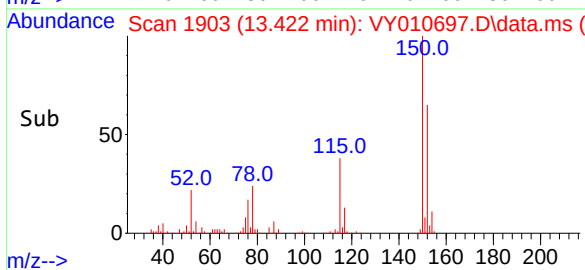
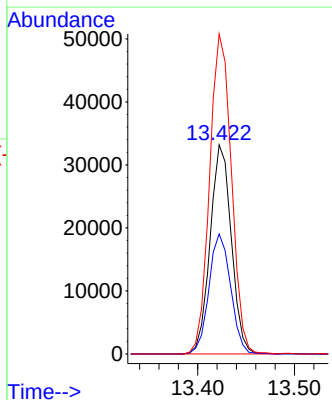
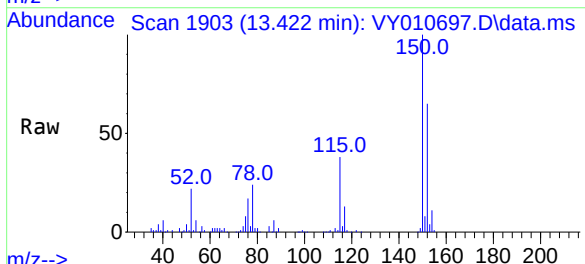


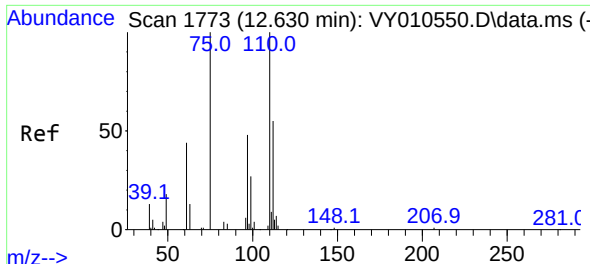
Tgt Ion:117 Resp: 150188
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion:152 Resp: 50556
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.3 0.0 347.6

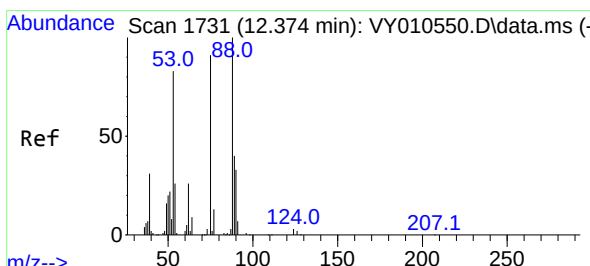
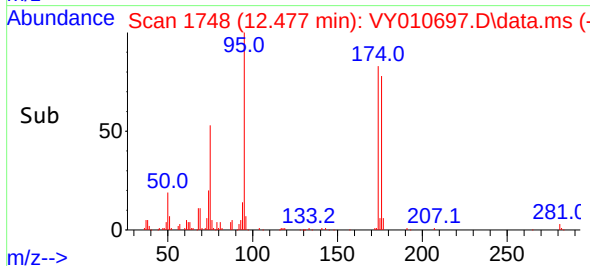
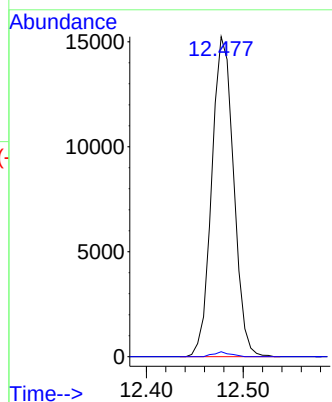
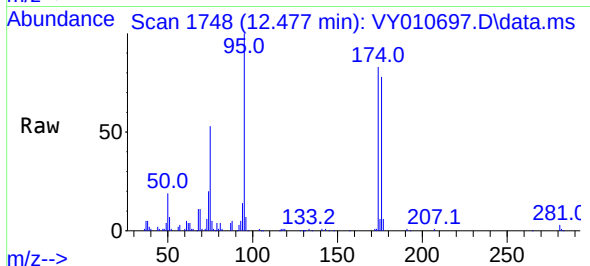




#76
1,2,3-Trichloropropane
Concen: 49.772 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24016
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 75 Resp: 24016
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

