

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014882.D
 Acq On : 27 Jul 2023 15:07
 Operator : SY/MD
 Sample : 03756-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

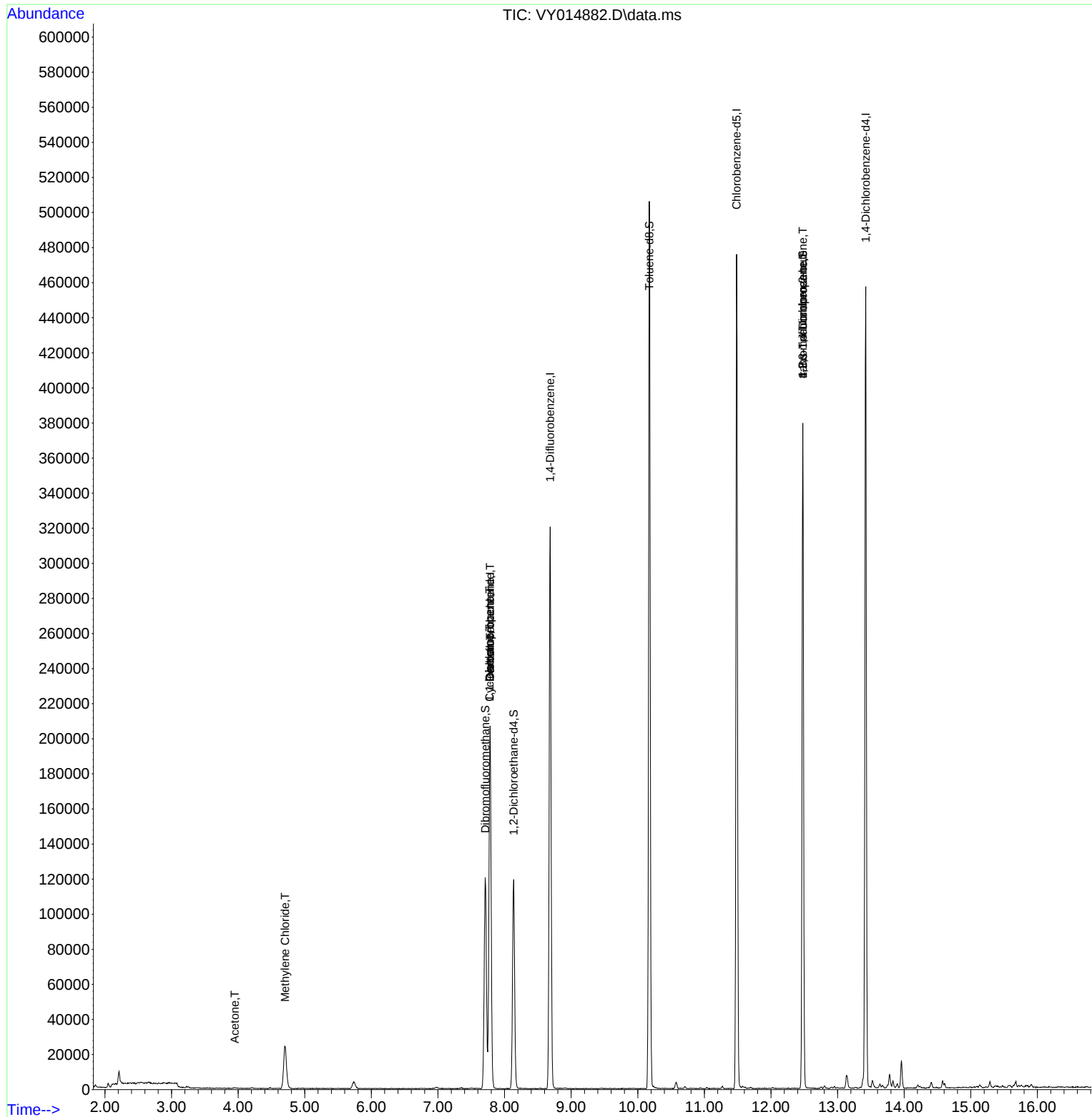
Internal Standards						
1) Pentafluorobenzene	7.783	168	157760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	253395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92373	51.383	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	102.760%	
35) Dibromofluoromethane	7.710	113	83664	48.031	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	96.060%	
50) Toluene-d8	10.173	98	323778	50.418	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	100.840%	
62) 4-Bromofluorobenzene	12.477	95	112485	45.681	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	91.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	381	Below Cal	#	89
16) Acetone	3.948	43	849	1.490	ug/l #	84
20) Methylene Chloride	4.704	84	18606	6.369	ug/l #	85
31) Cyclohexane	7.777	56	3226	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	12421	4.768	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16631	6.040	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59756	40.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59756	78.752	ug/l #	11

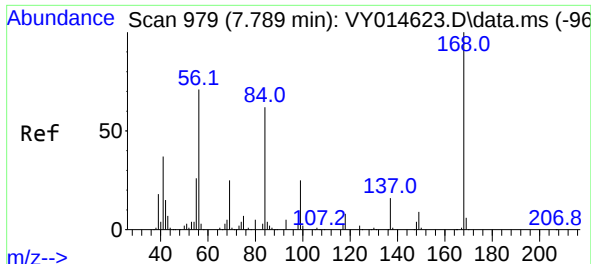
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
Data File : VY014882.D
Acq On : 27 Jul 2023 15:07
Operator : SY/MD
Sample : 03756-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

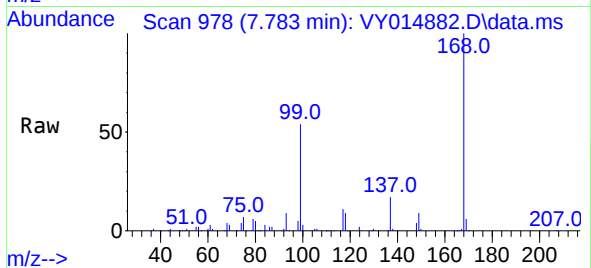
Quant Time: Jul 28 02:38:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



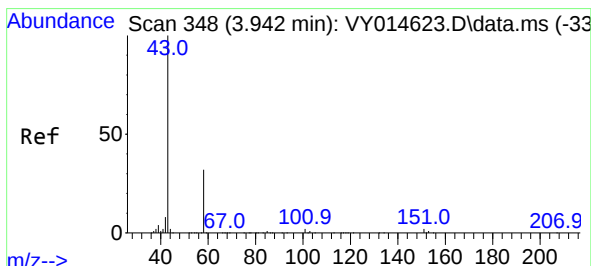
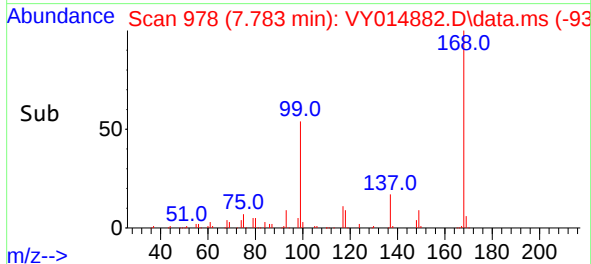
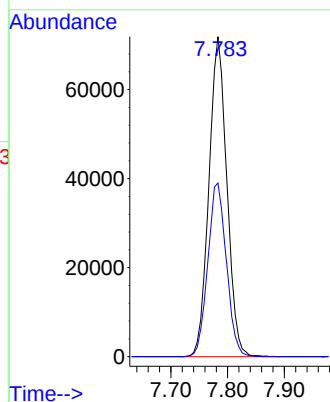


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

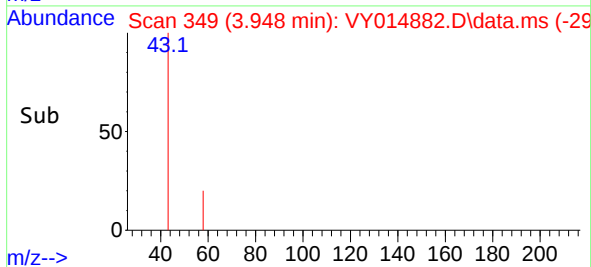
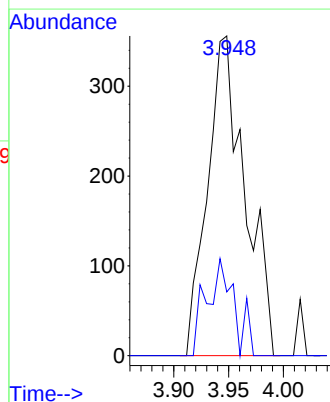
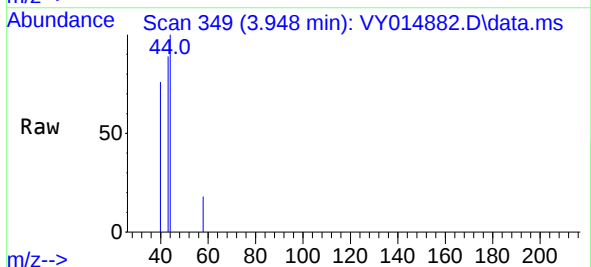


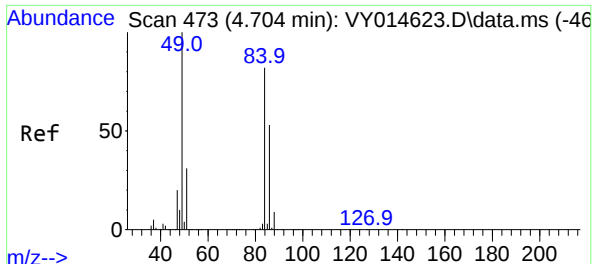
Tgt Ion:168 Resp: 157760
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 1.490 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

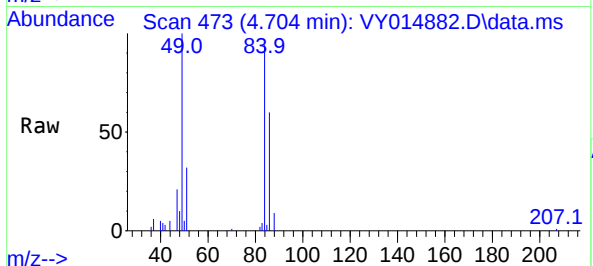
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 19.9 22.7 34.1#





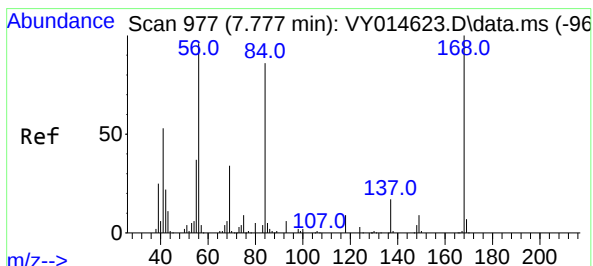
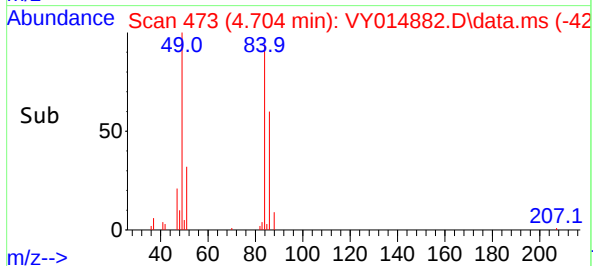
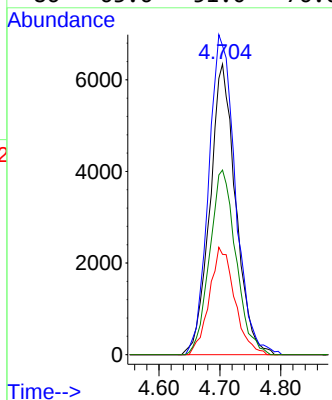
#20
Methylene Chloride
Concen: 6.369 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 18606

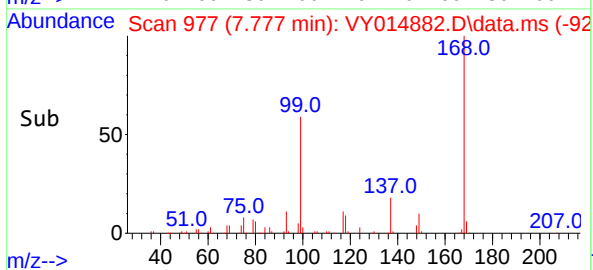
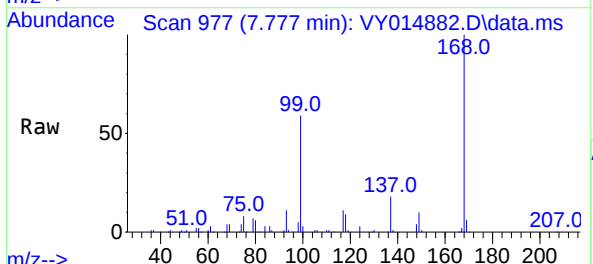
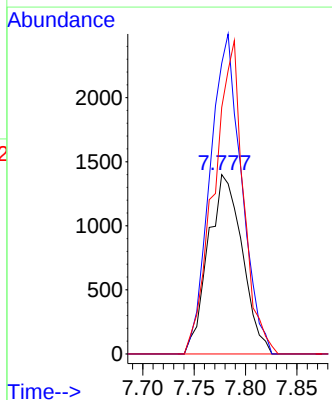
Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.9	160.3#
51	34.5	33.2	49.8
86	63.6	51.0	76.6

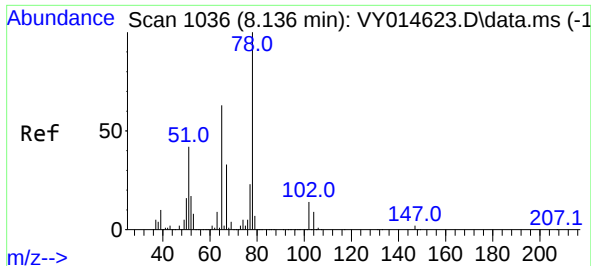


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Tgt Ion: 56 Resp: 3226

Ion	Ratio	Lower	Upper
56	100		
69	161.9	27.8	41.6#
84	137.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.383 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014882.D

Acq: 27 Jul 2023 15:07

Instrument :

MSVOA_Y

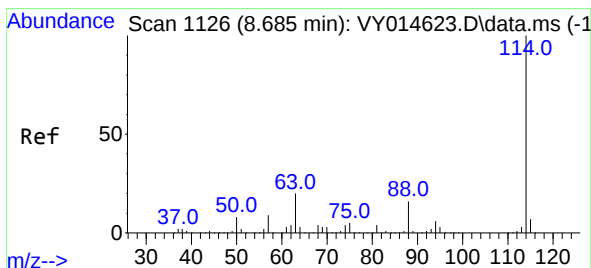
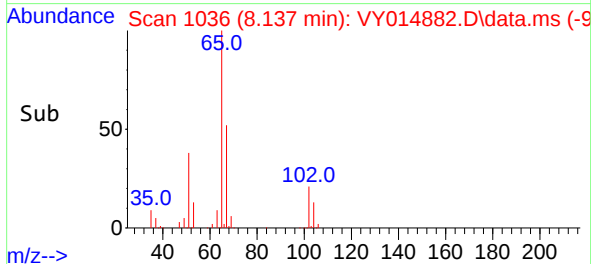
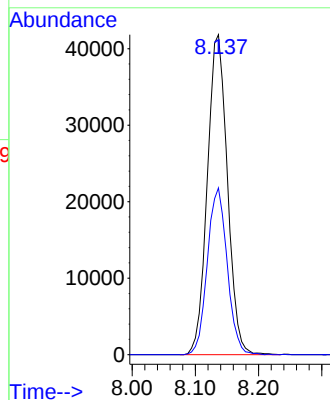
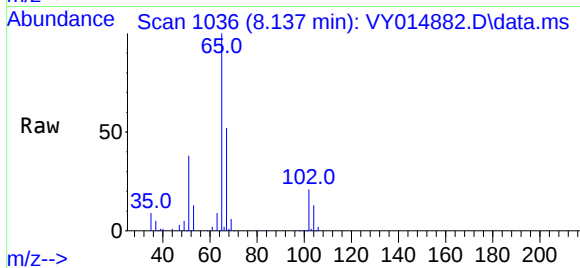
ClientSampleId :

Tgt Ion: 65 Resp: 92373

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014882.D

Acq: 27 Jul 2023 15:07

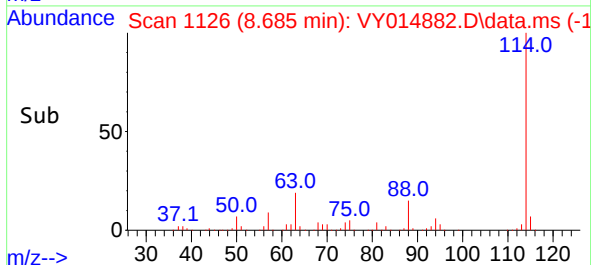
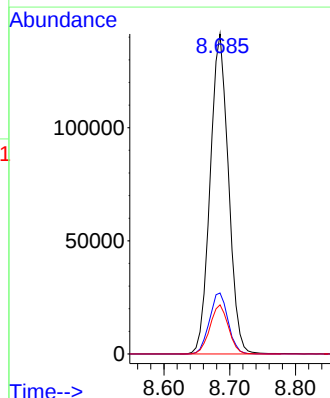
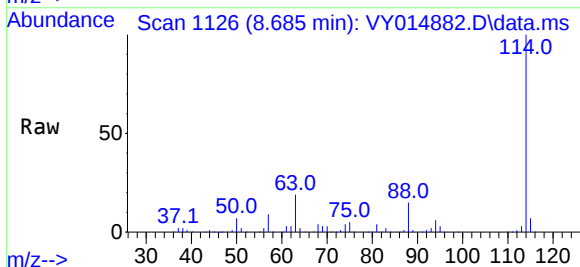
Tgt Ion:114 Resp: 273631

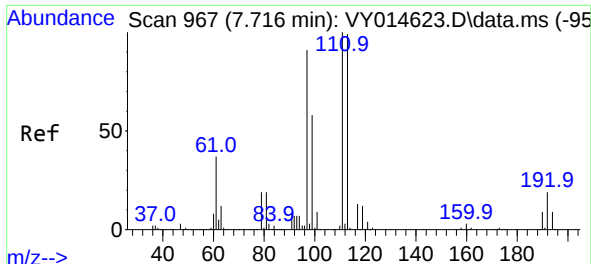
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.4 0.0 30.6

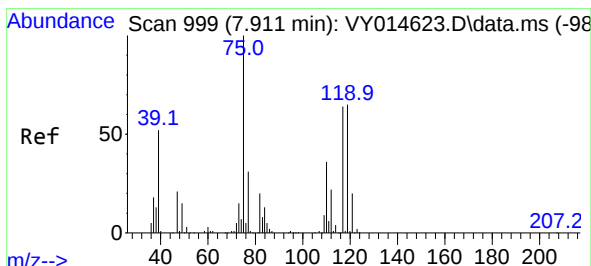
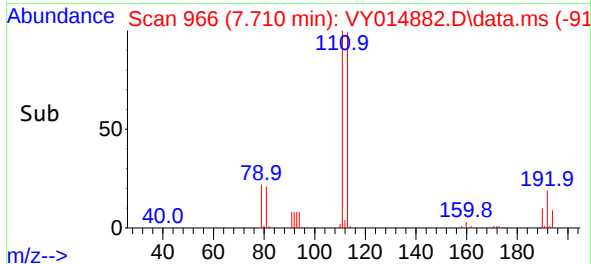
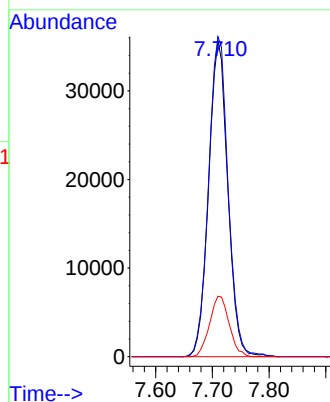
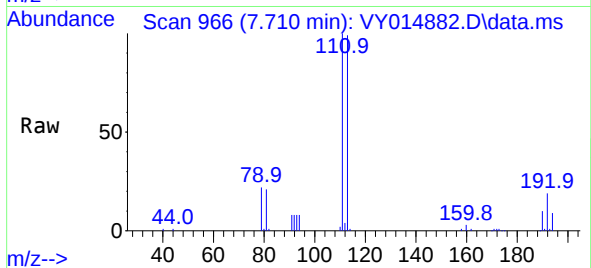




#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

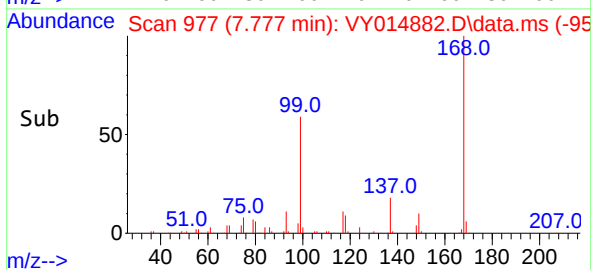
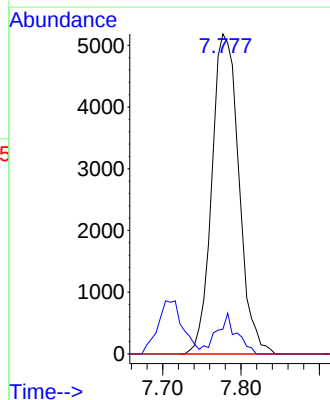
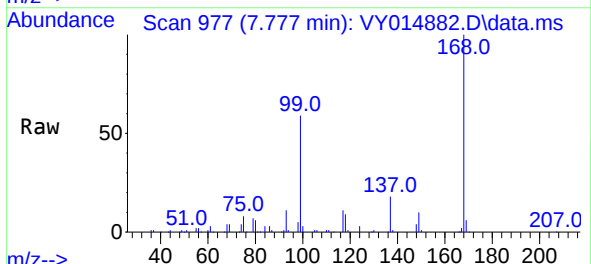
Instrument :
MSVOA_Y
ClientSampleId :

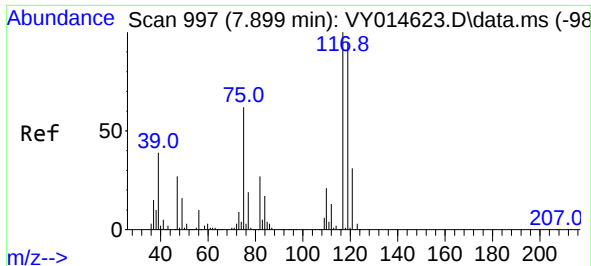
Tgt Ion:113 Resp: 83664
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

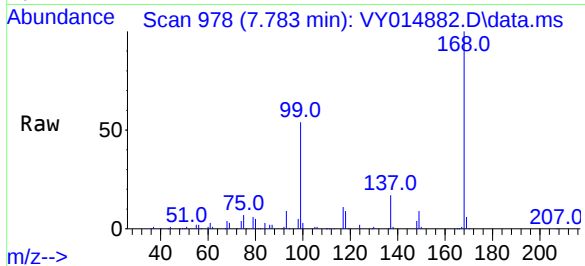
Tgt Ion: 75 Resp: 12421
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



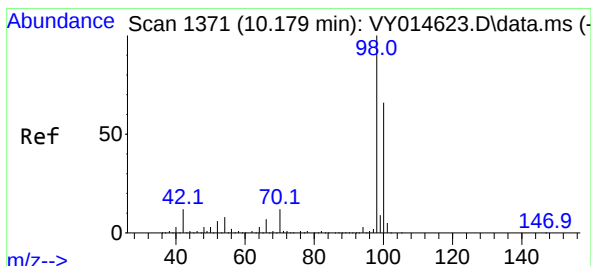
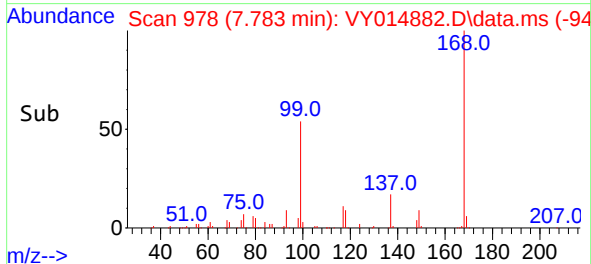
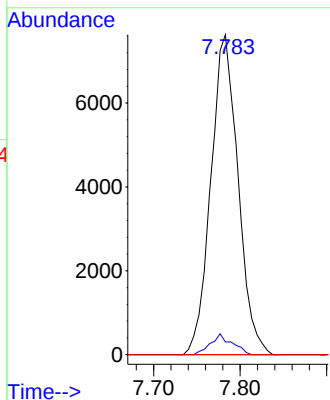


#38
Carbon Tetrachloride
Concen: 6.040 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

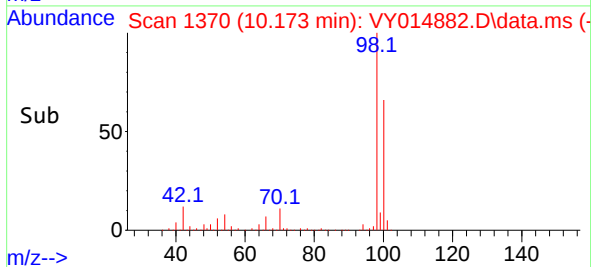
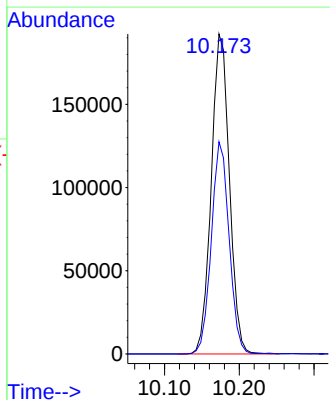
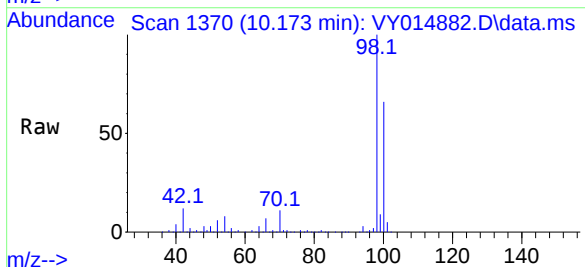


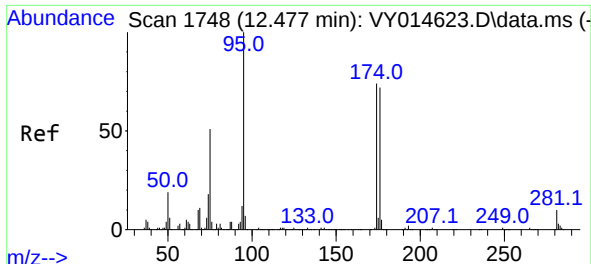
Tgt Ion:117 Resp: 16631
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.418 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Tgt Ion: 98 Resp: 323778
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

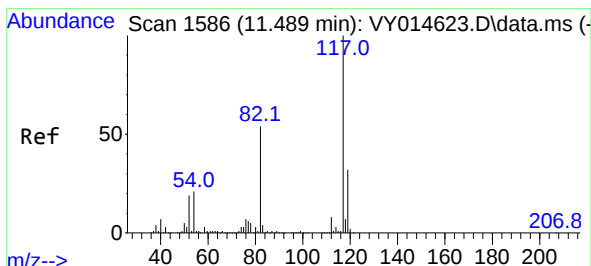
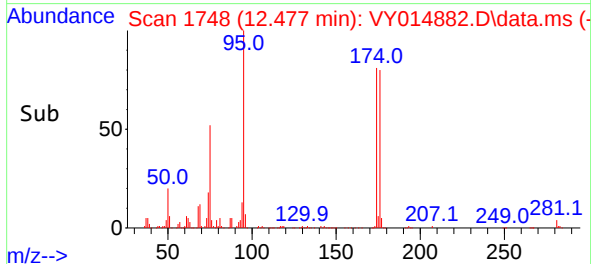
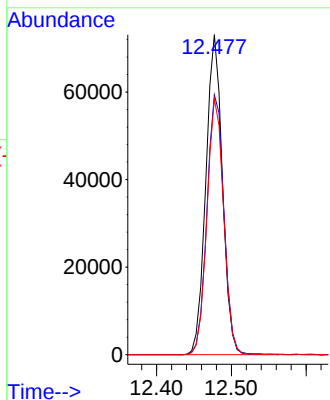
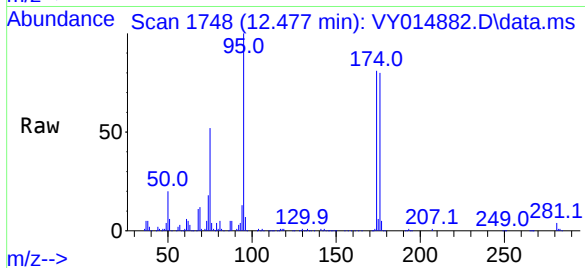




#62
4-Bromofluorobenzene
Concen: 45.681 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

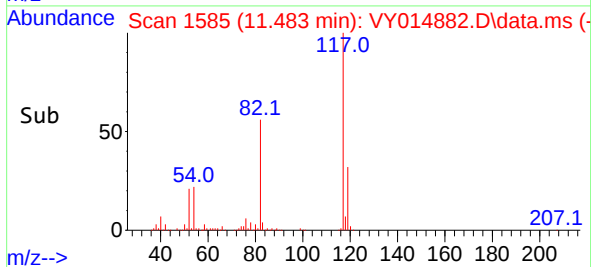
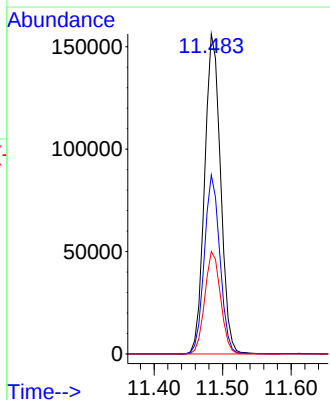
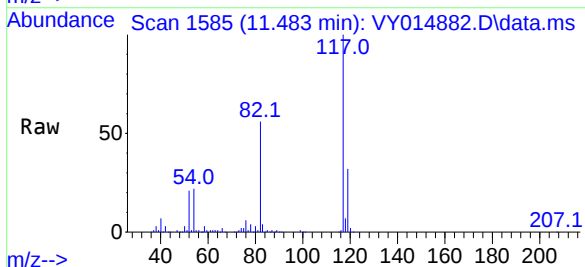
Instrument :
MSVOA_Y
ClientSampleId :

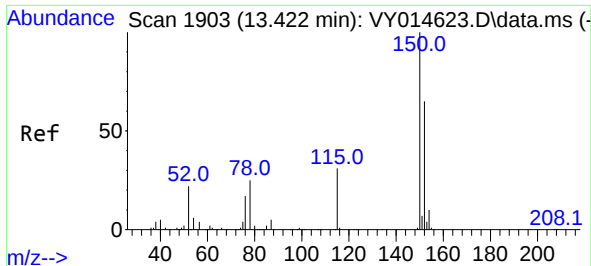
Tgt Ion: 95 Resp: 112485
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

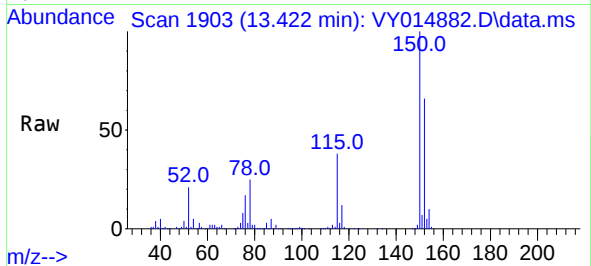
Tgt Ion: 117 Resp: 253395
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 32.0 26.3 39.5



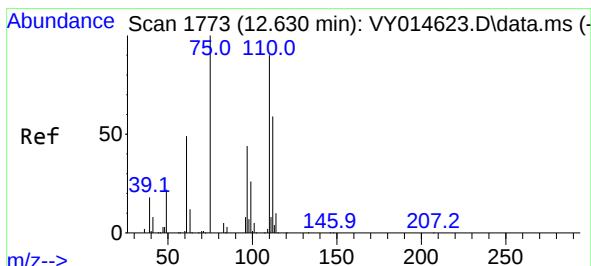
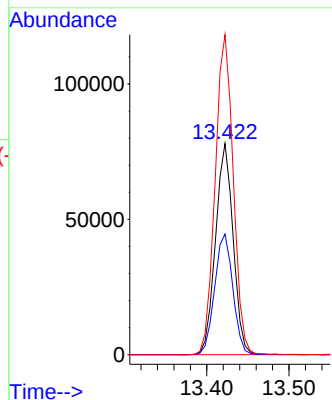
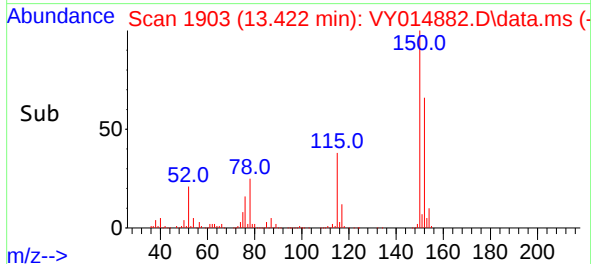


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

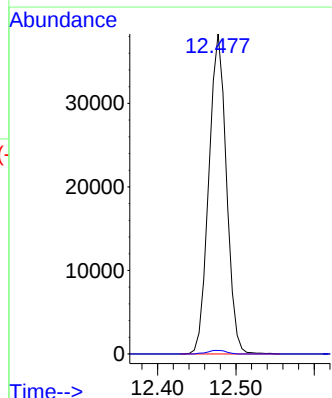
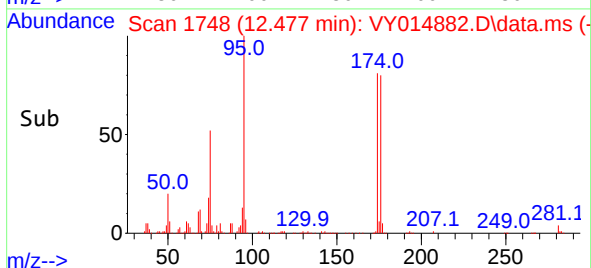
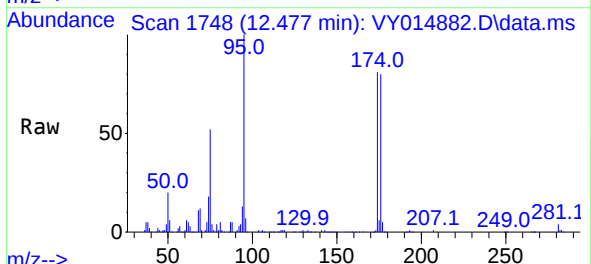


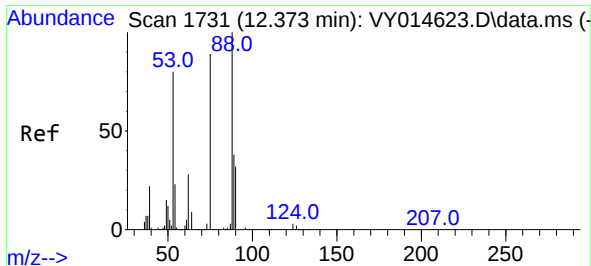
Tgt Ion:152 Resp: 116325
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 155.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 40.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

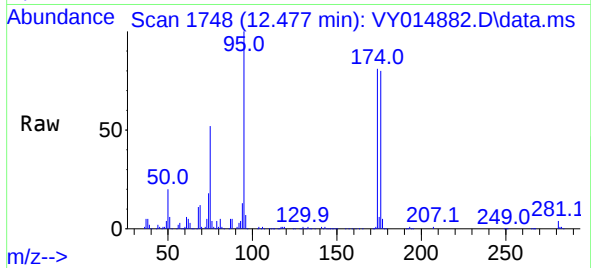
Tgt Ion: 75 Resp: 59756
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.752 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014882.D
Acq: 27 Jul 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 59756
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

