

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015448.D
 Acq On : 06 Sep 2023 14:32
 Operator : SY/MD
 Sample : 04299-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Sep 06 16:28:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

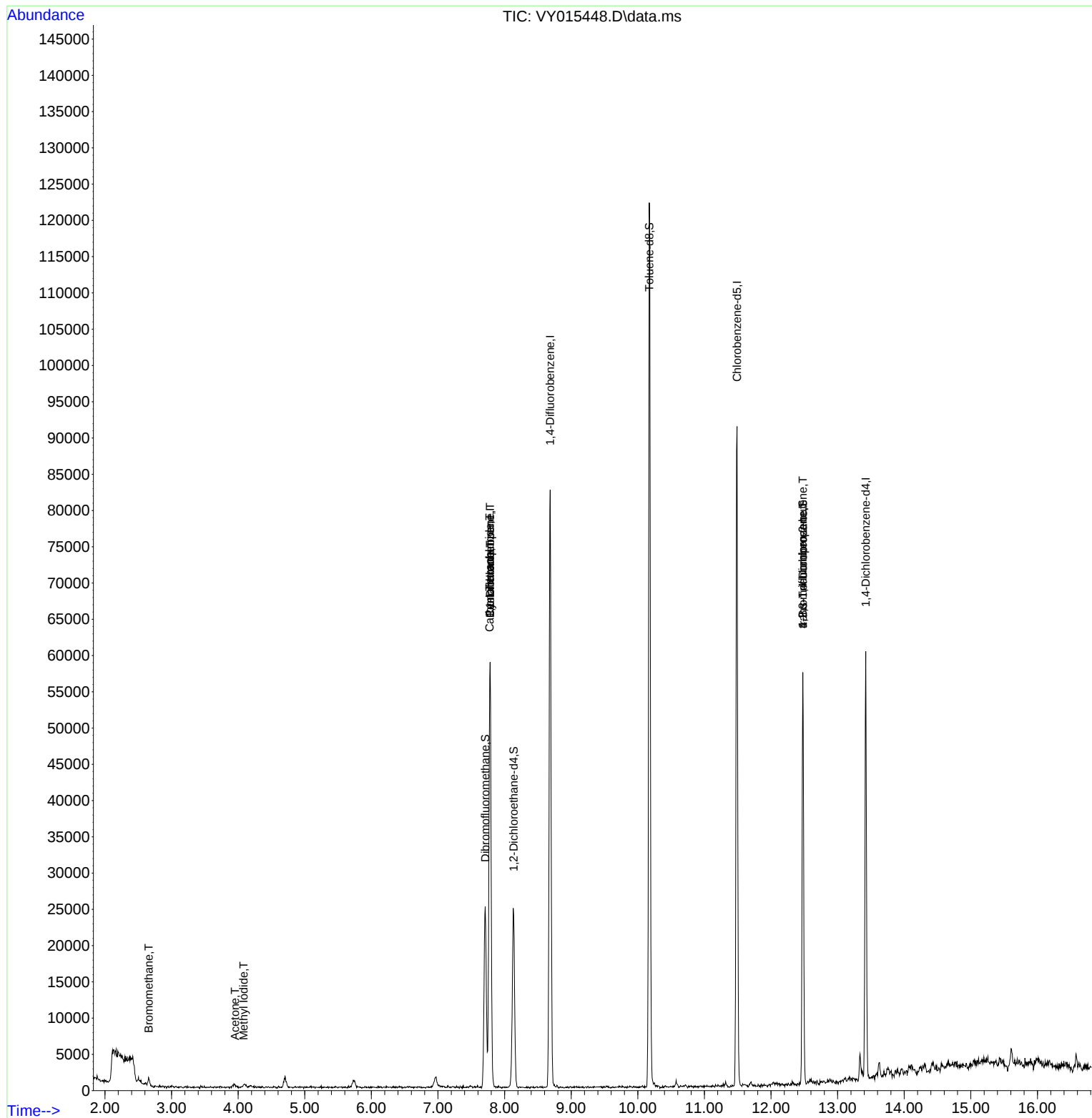
Internal Standards						
1) Pentafluorobenzene	7.783	168	46116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18813	38.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.120%
35) Dibromofluoromethane	7.710	113	18005	44.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.173	98	81546	55.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.477	95	17310	31.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	596	1.352	ug/l	87
10) Methyl Iodide	4.082	142	900	1.578	ug/l #	76
16) Acetone	3.954	43	832	4.032	ug/l #	89
20) Methylene Chloride	4.710	84	1002	Below Cal	#	72
31) Cyclohexane	7.783	56	1010	1.150	ug/l #	42
36) 1,1-Dichloropropene	7.783	75	3625	5.055	ug/l #	49
38) Carbon Tetrachloride	7.777	117	4833	6.525	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	9461	50.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9461	111.197	ug/l #	10

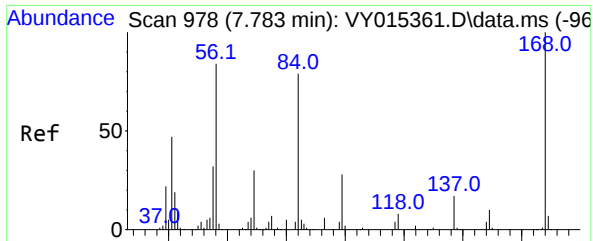
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015448.D
Acq On : 06 Sep 2023 14:32
Operator : SY/MD
Sample : 04299-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

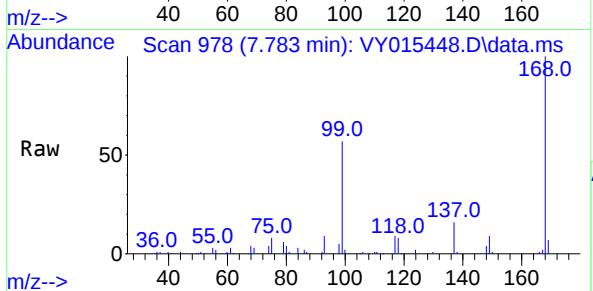
Quant Time: Sep 06 16:28:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



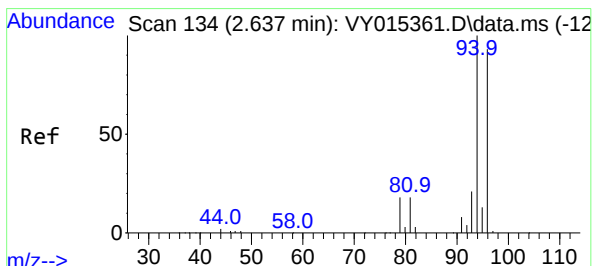
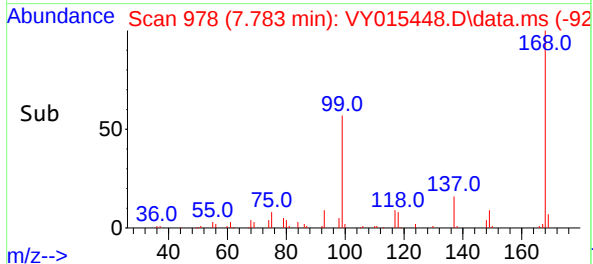
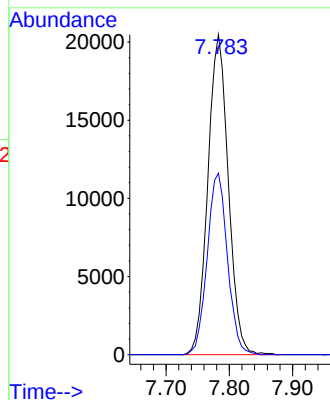


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

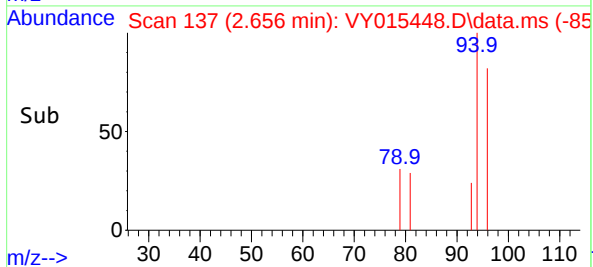
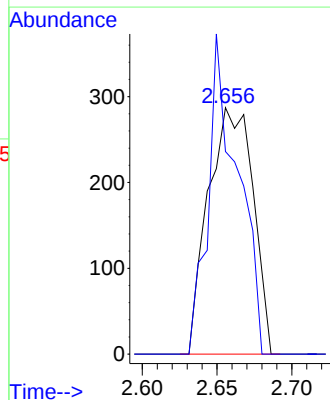
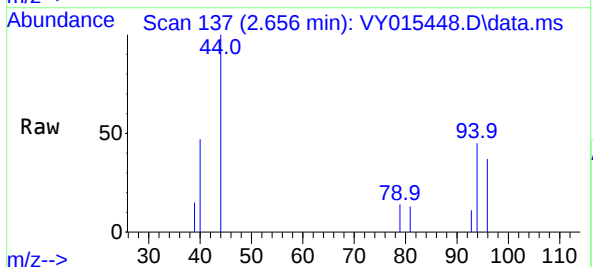


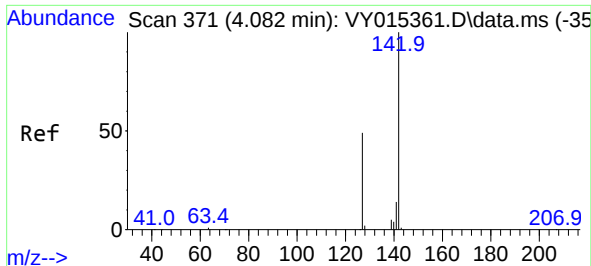
Tgt Ion:168 Resp: 46116
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#5
Bromomethane
Concen: 1.352 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 82.2 75.8 113.6

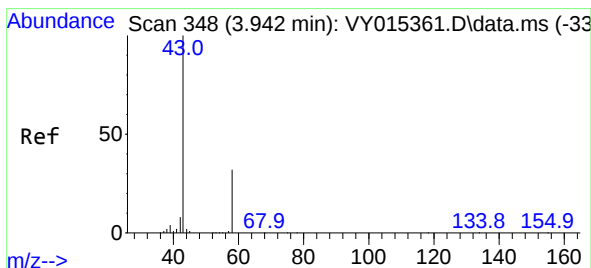
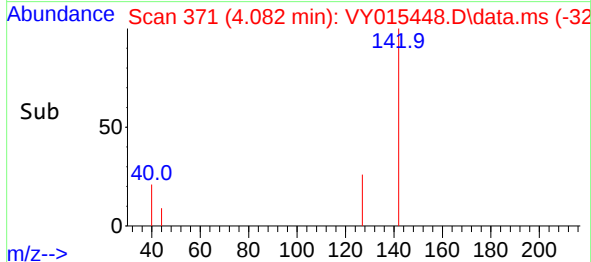
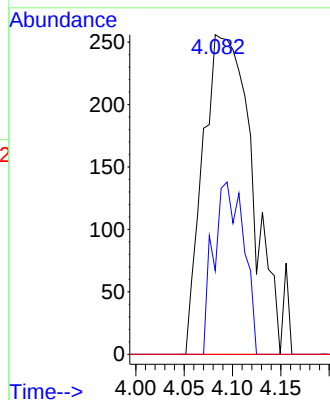
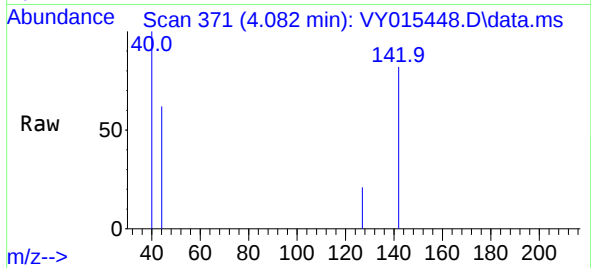




#10
Methyl Iodide
Concen: 1.578 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

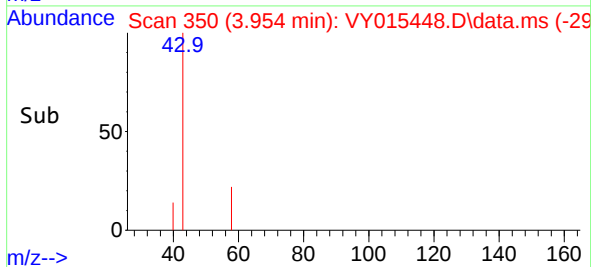
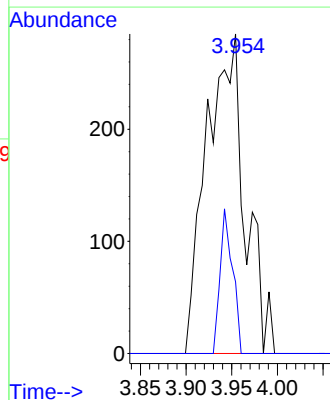
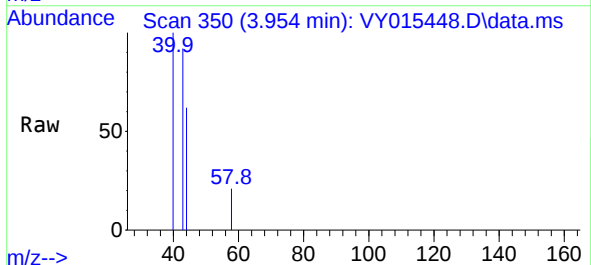
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

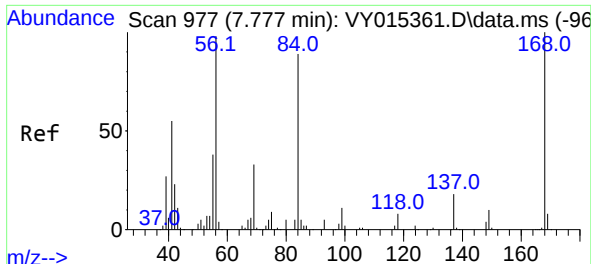
Tgt Ion:142 Resp: 900
Ion Ratio Lower Upper
142 100
127 33.1 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 4.032 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 22.5 22.7 34.1#

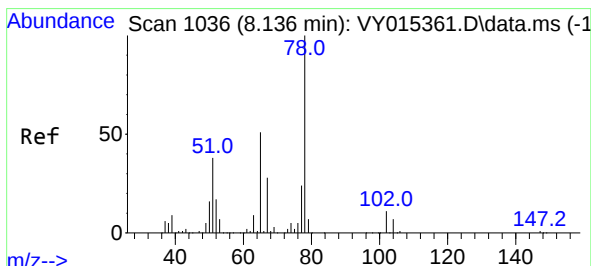
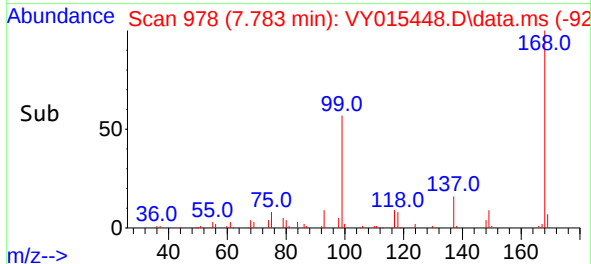
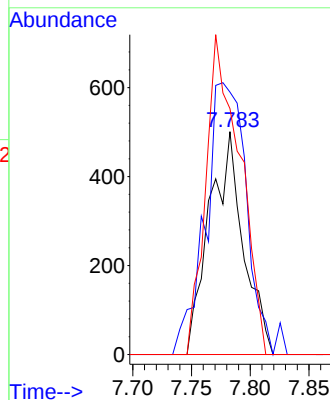
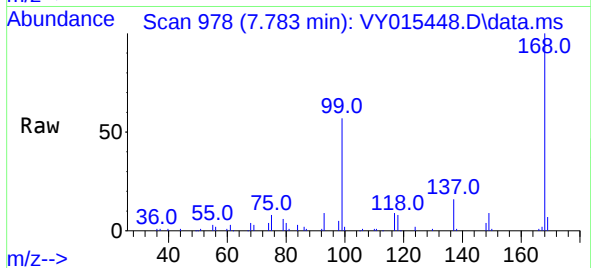




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

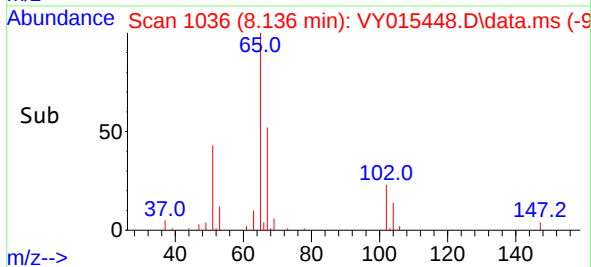
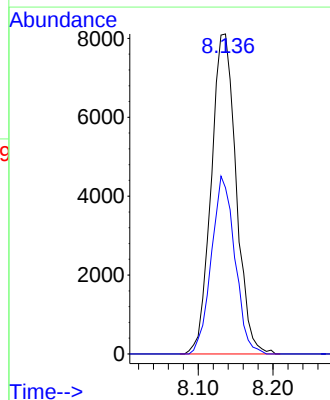
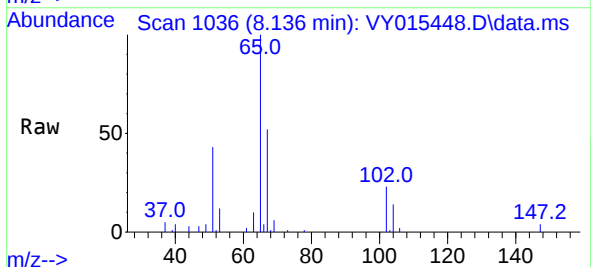
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

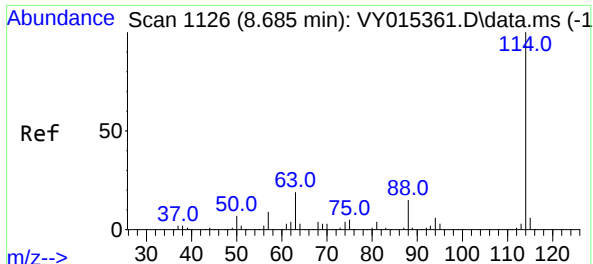
Tgt Ion: 56 Resp: 1010
Ion Ratio Lower Upper
56 100
69 106.4 27.8 41.6#
84 110.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 38.055 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 65 Resp: 18813
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

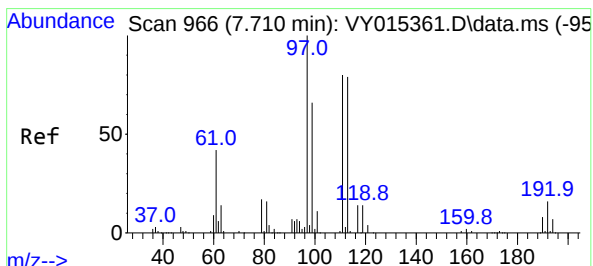
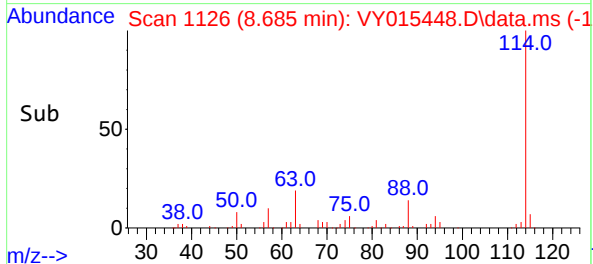
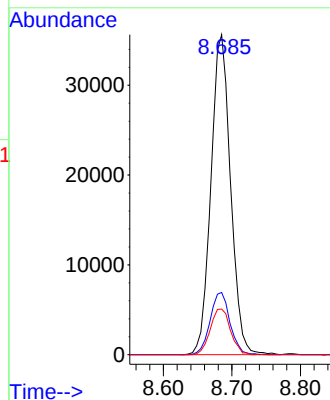
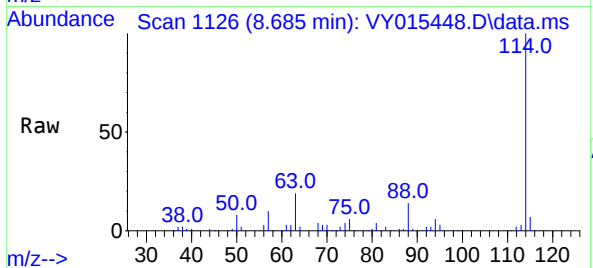




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

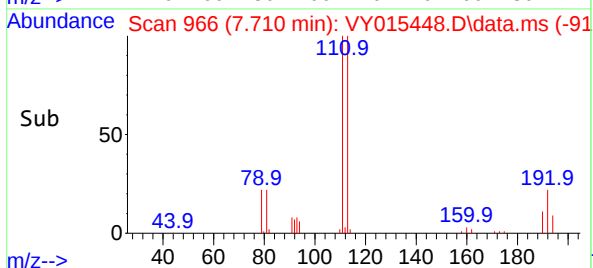
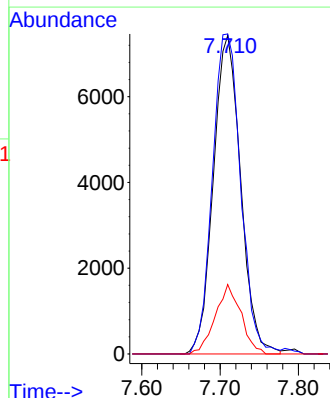
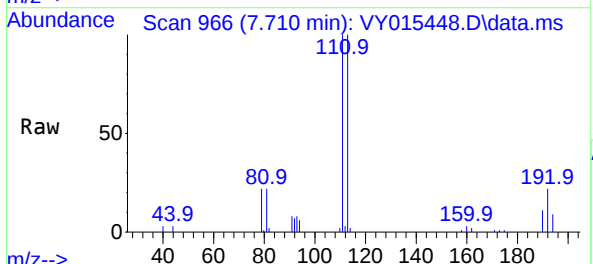
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

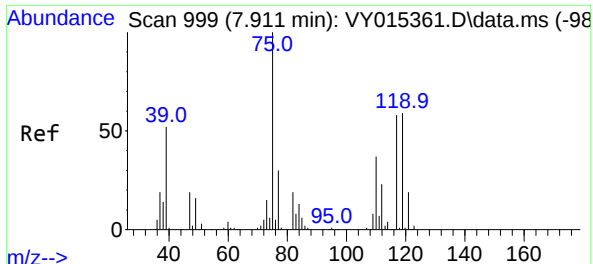
Tgt Ion:	114	Resp:	70909
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	14.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 44.084 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion:	113	Resp:	18005
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	20.5	16.9	25.3

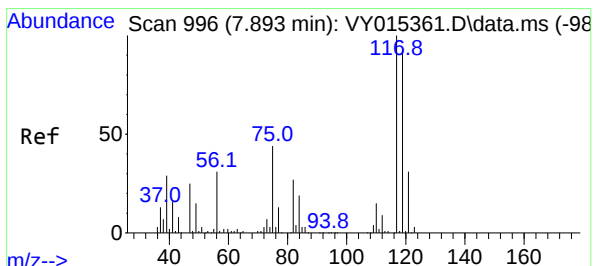
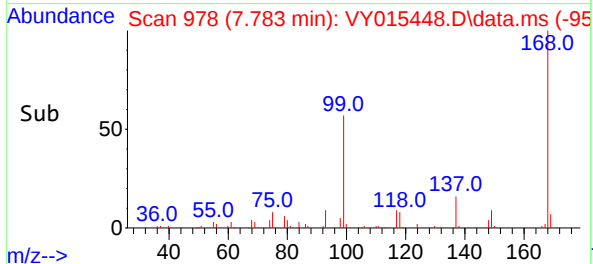
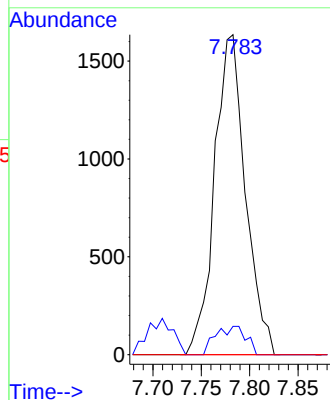
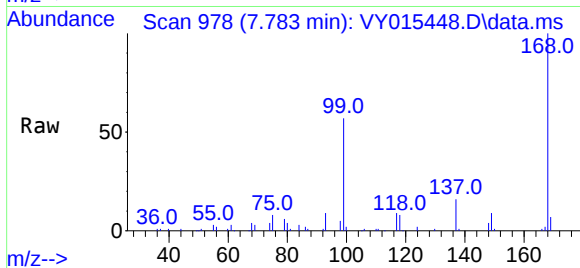




#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

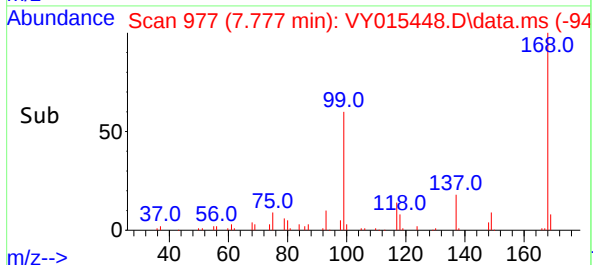
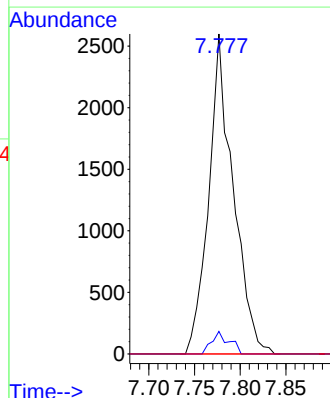
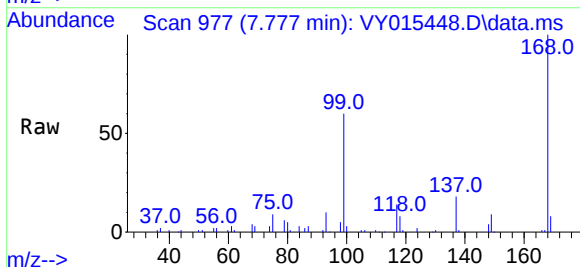
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

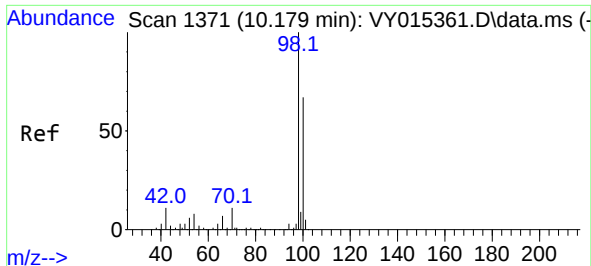
Tgt Ion: 75 Resp: 3625
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.525 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 117 Resp: 4833
Ion Ratio Lower Upper
117 100
119 7.0 76.4 114.6#
121 0.0 25.8 38.6#

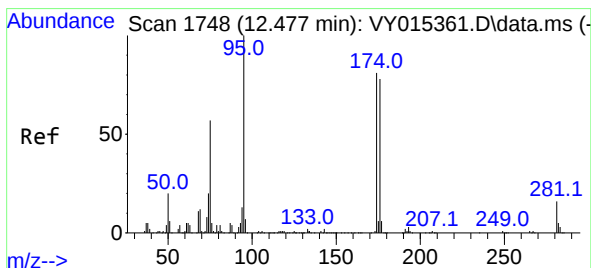
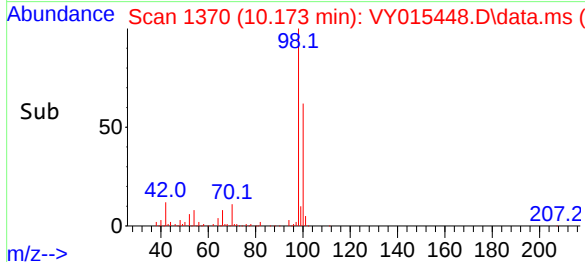
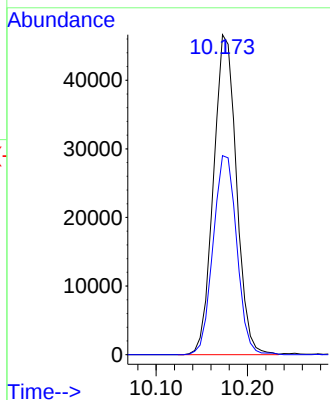
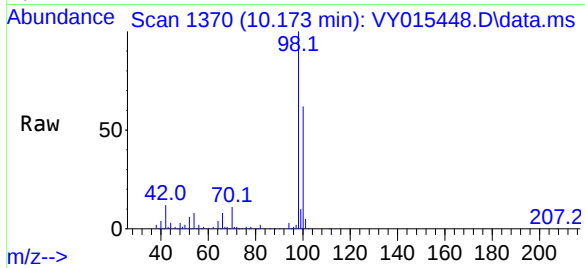




#50
Toluene-d8
Concen: 55.134 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

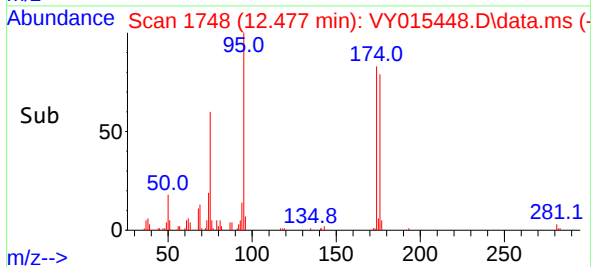
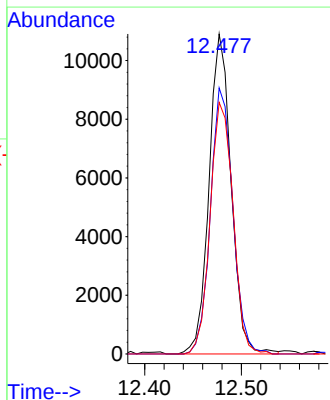
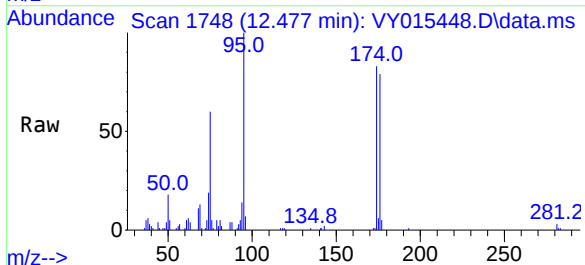
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

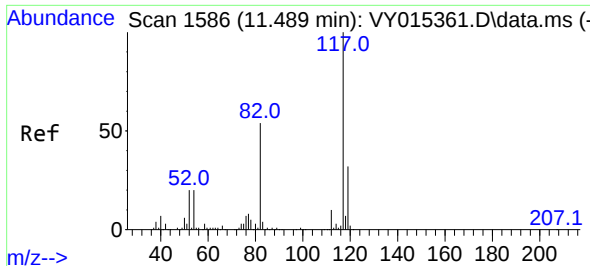
Tgt Ion: 98 Resp: 81546
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 31.526 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 95 Resp: 17310
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.5 0.0 173.8

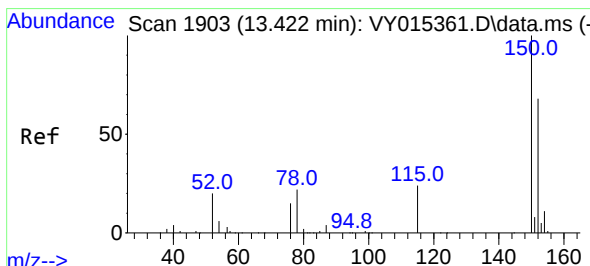
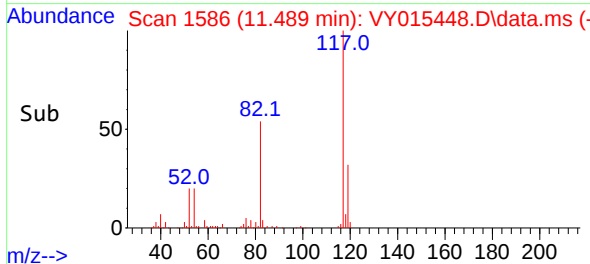
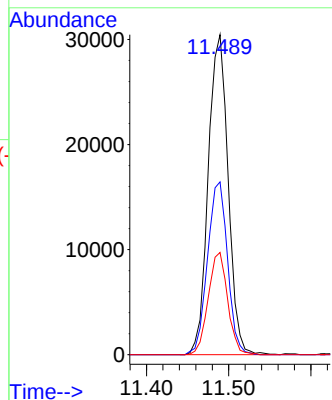
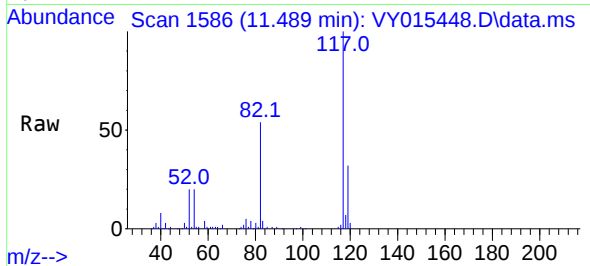




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

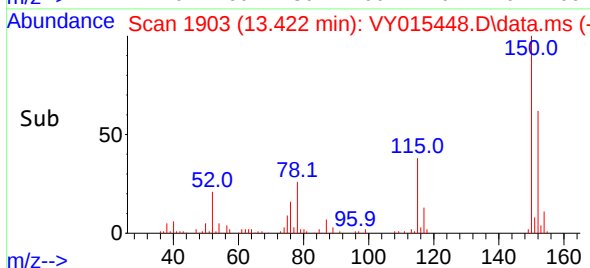
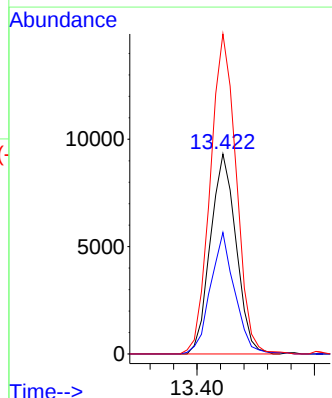
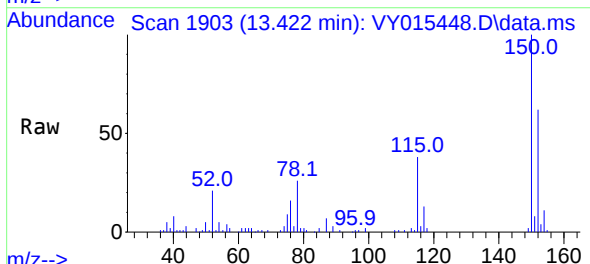
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

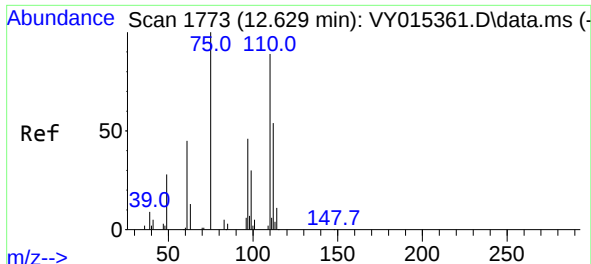
Tgt Ion:117	Resp:	51155
Ion	Ratio	Lower Upper
117	100	
82	54.0	43.4 65.0
119	31.9	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion:152	Resp:	14153
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.8 86.5
150	162.0	0.0 348.8

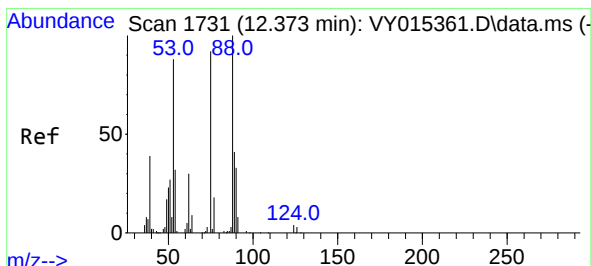
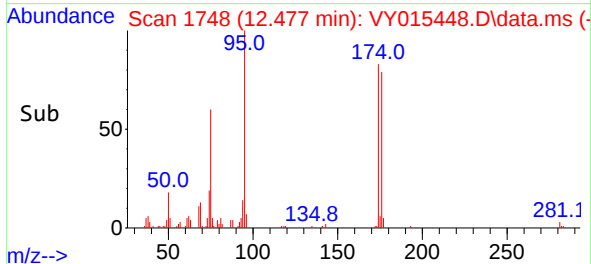
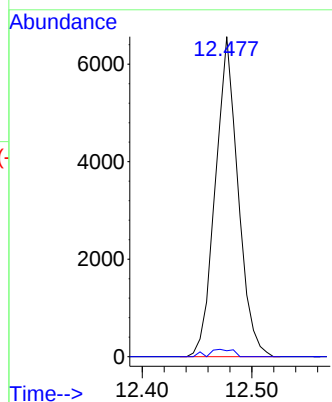
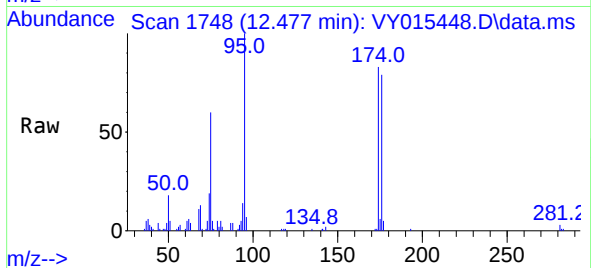




#76
1,2,3-Trichloropropane
Concen: 50.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.197 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

