

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015533.D
 Acq On : 14 Sep 2023 15:04
 Operator : SY/MD
 Sample : 04351-01
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:00:47 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)

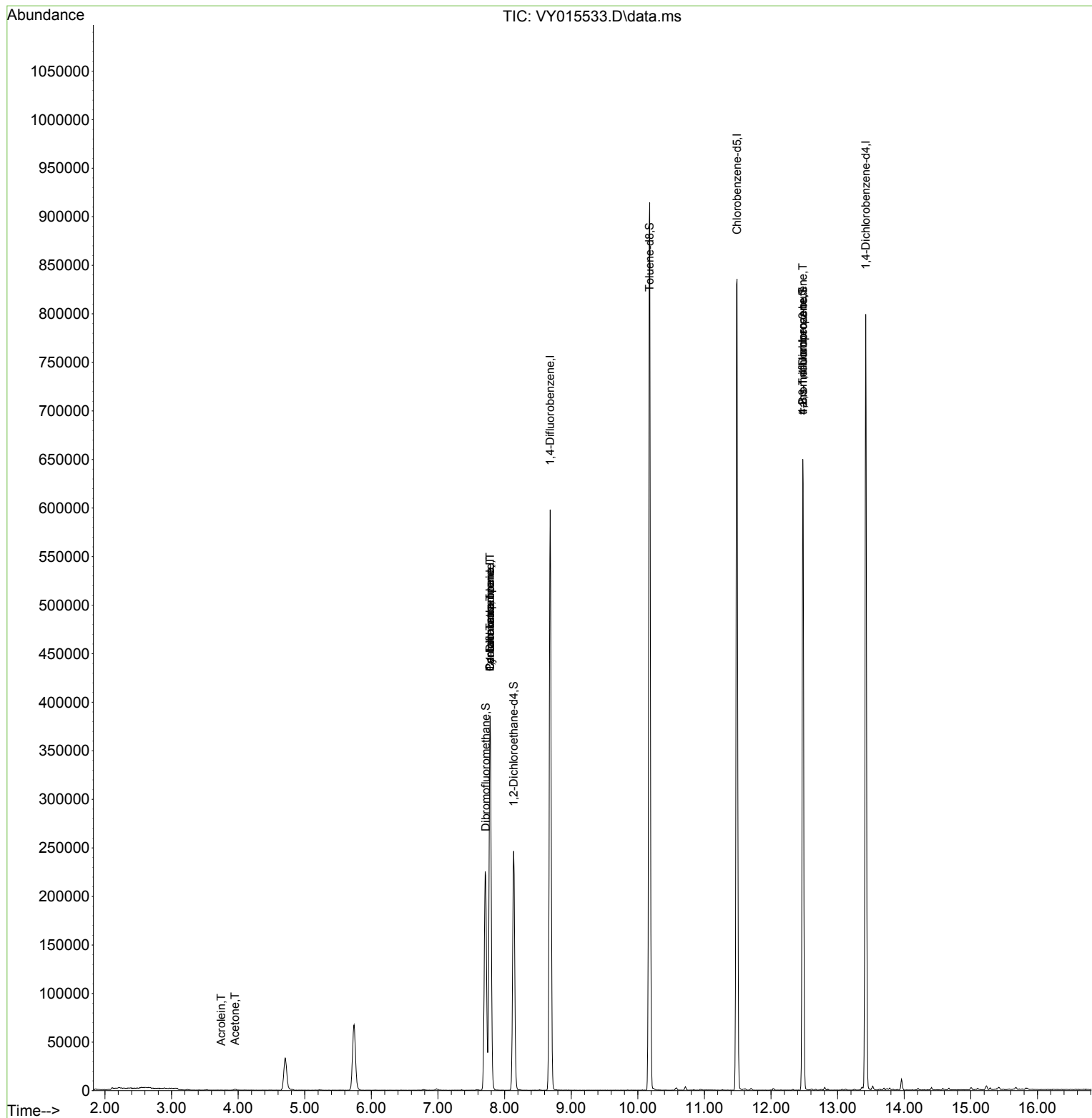
Internal Standards						
1) Pentafluorobenzene	7.783	168	301276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	510102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	191011	59.143	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.280%	
35) Dibromofluoromethane	7.716	113	163672	55.707	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.420%	
50) Toluene-d8	10.179	98	599217	56.318	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	112.640%	
62) 4-Bromofluorobenzene	12.477	95	198195	50.177	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	100.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	179	Below Cal	#	89
13) Acrolein	3.747	56	66	11.716	ug/l #	14
16) Acetone	3.954	43	2034	1.509	ug/l	91
20) Methylene Chloride	4.710	84	25510	Below Cal		90
31) Cyclohexane	7.783	56	6278	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23104	4.478	ug/l #	51
38) Carbon Tetrachloride	7.783	117	30839	5.788	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	105627	39.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105627	87.035	ug/l #	10

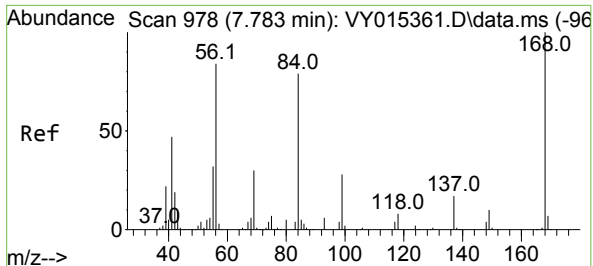
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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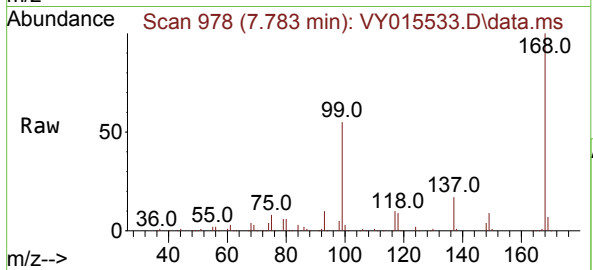
Quant Time: Sep 15 04:00:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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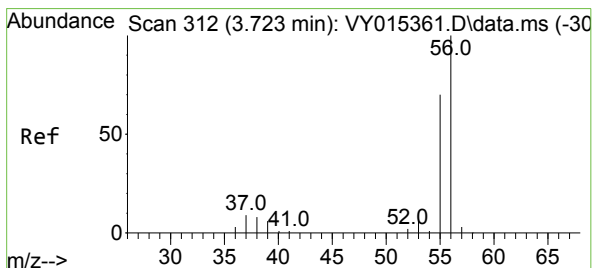
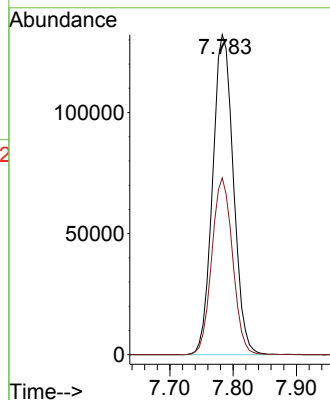
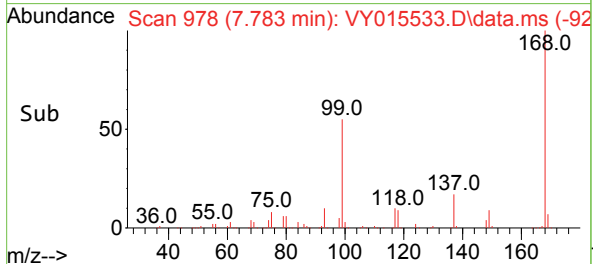


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

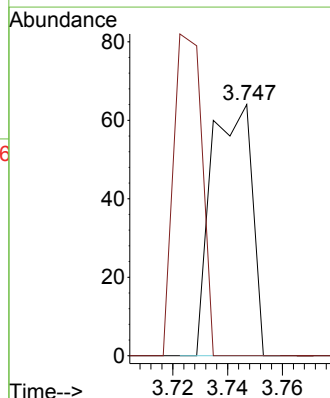
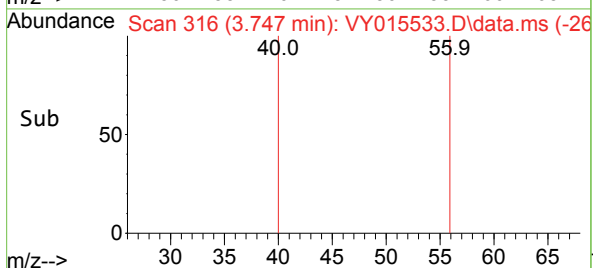
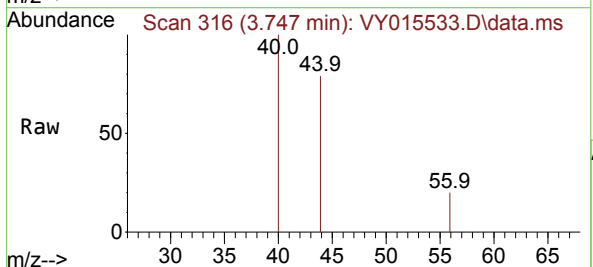


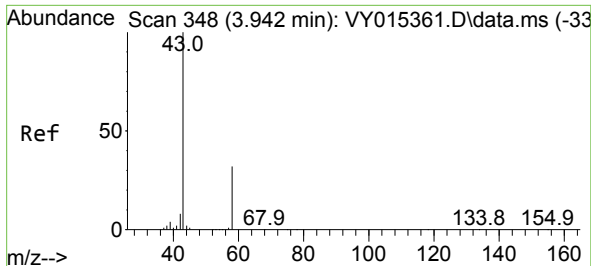
Tgt Ion:168 Resp: 301276
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#13
Acrolein
Concen: 11.716 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.024 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

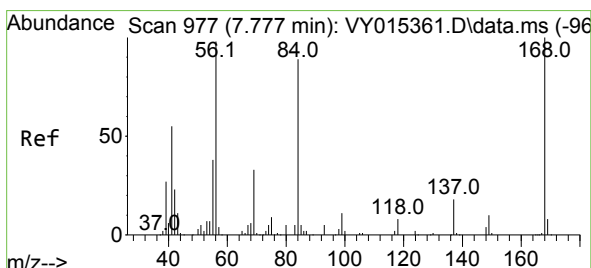
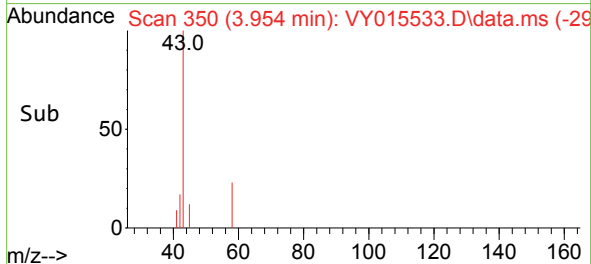
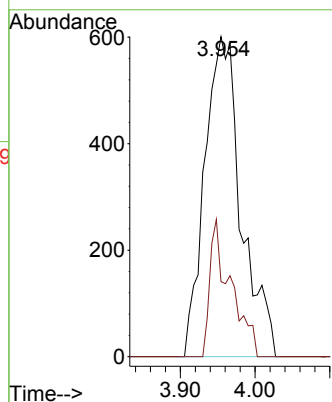
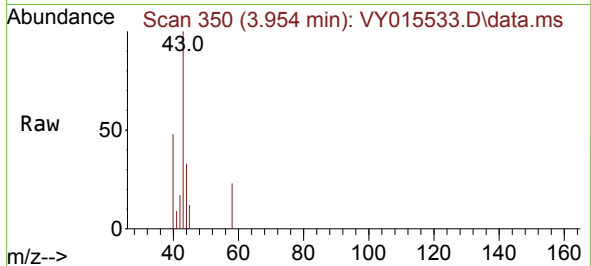




#16
Acetone
Concen: 1.509 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

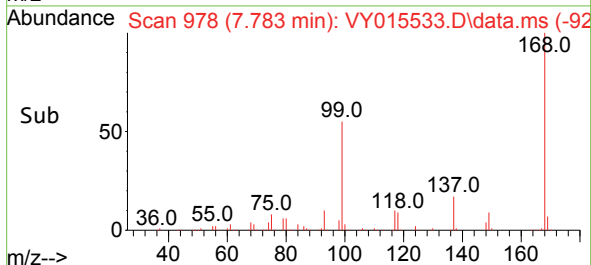
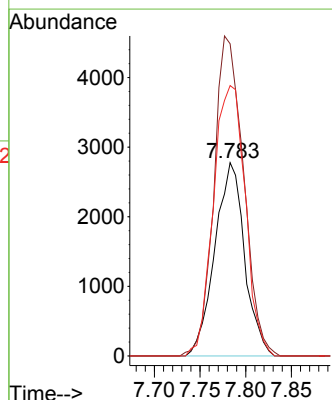
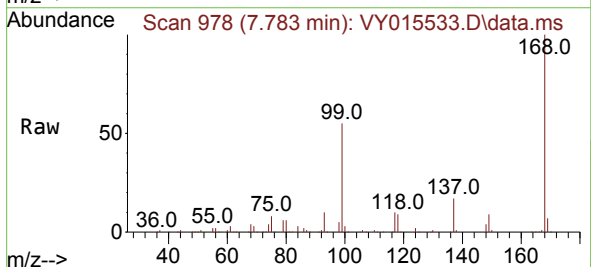
Instrument :
MSVOA_Y
ClientSampleId :

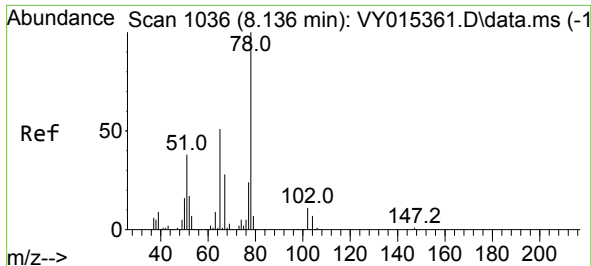
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 23.5 22.7 34.1



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Tgt Ion: 56 Resp: 6278
Ion Ratio Lower Upper
56 100
69 161.5 27.8 41.6#
84 139.9 66.4 99.6#

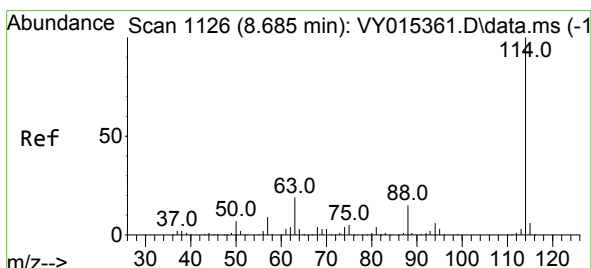
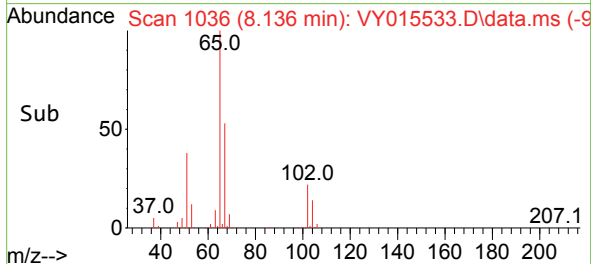
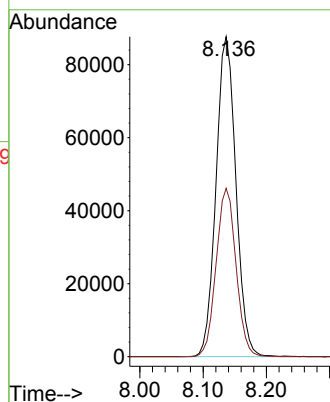
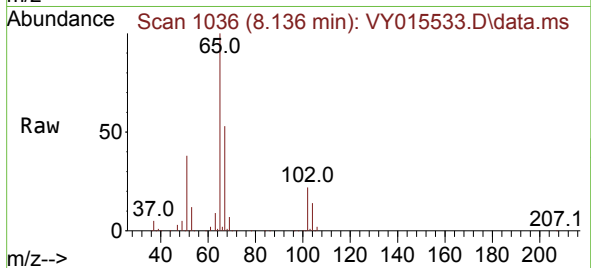




#33
 1,2-Dichloroethane-d4
 Concen: 59.143 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015533.D
 Acq: 14 Sep 2023 15:04

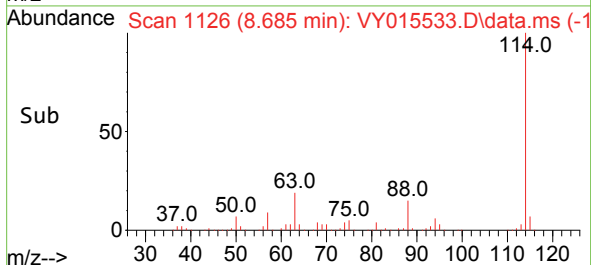
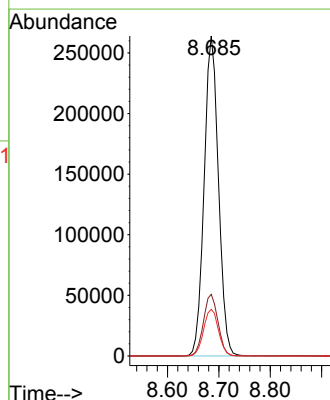
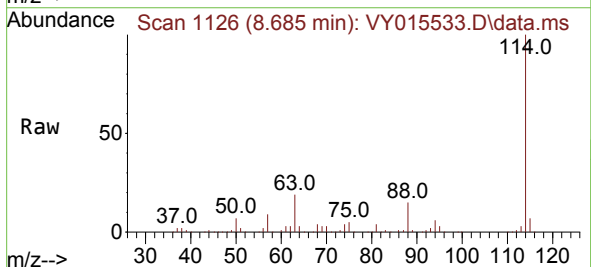
Instrument :
 MSVOA_Y
 ClientSampleId :

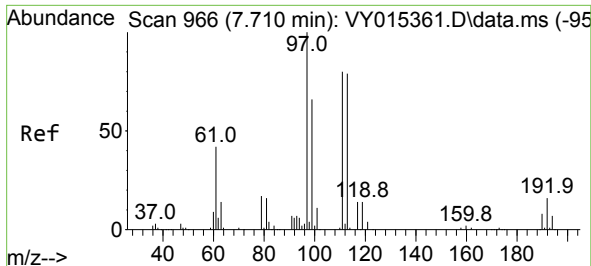
Tgt Ion: 65 Resp: 191011
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015533.D
 Acq: 14 Sep 2023 15:04

Tgt Ion: 114 Resp: 510102
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 14.6 0.0 30.6

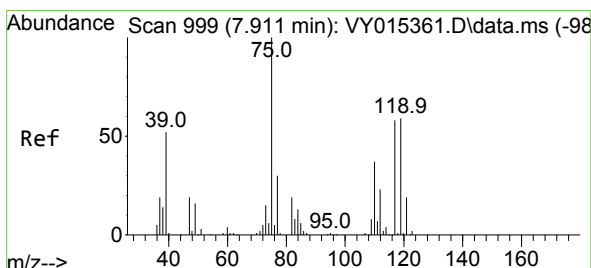
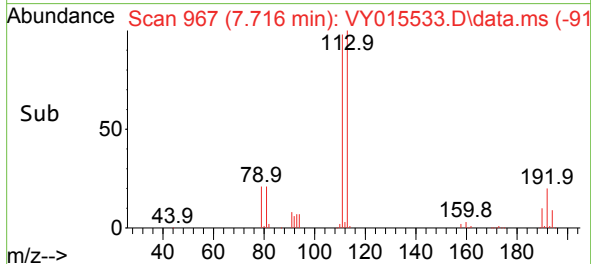
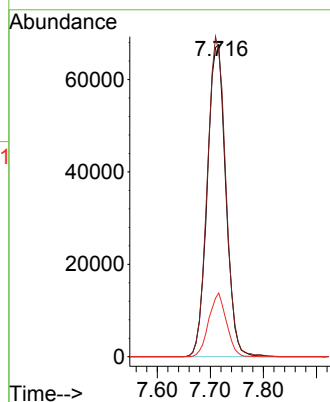
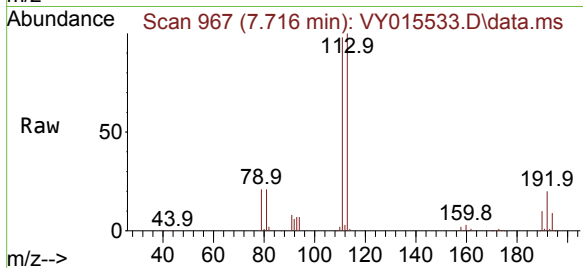




#35
Dibromofluoromethane
Concen: 55.707 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

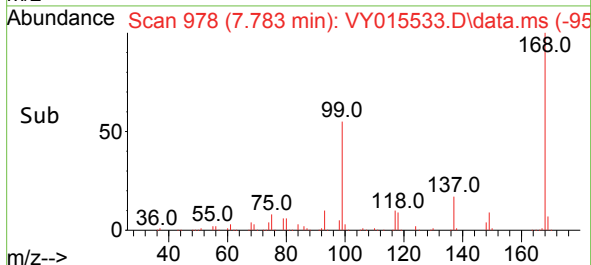
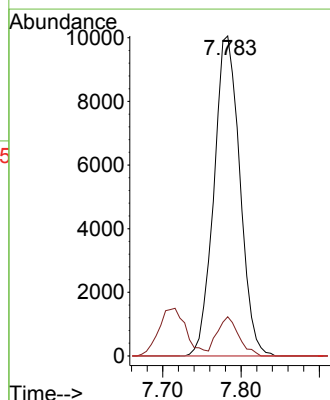
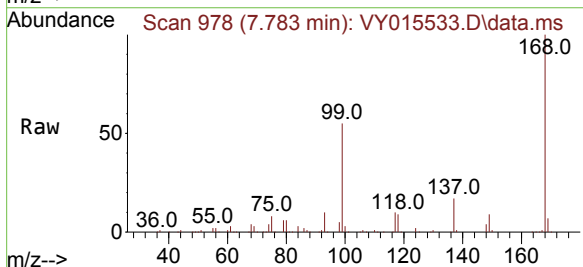
Instrument :
MSVOA_Y
ClientSampleId :

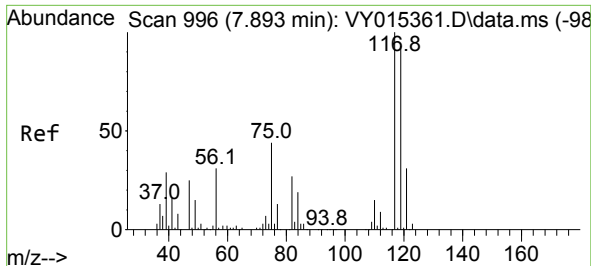
Tgt Ion:113 Resp: 163672
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

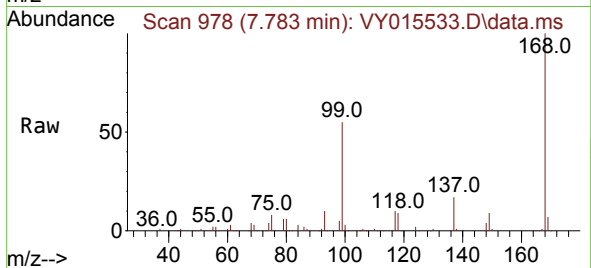
Tgt Ion: 75 Resp: 23104
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



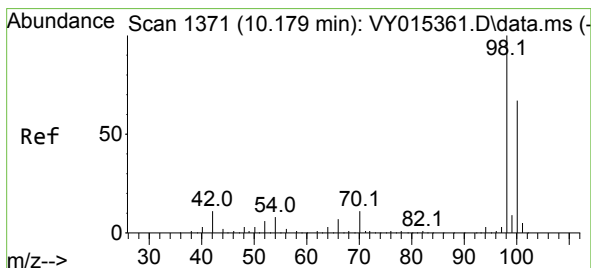
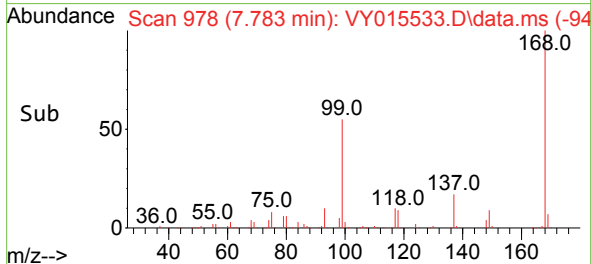
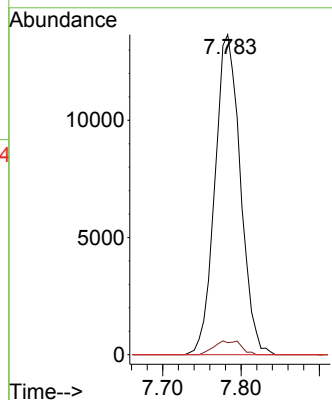


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

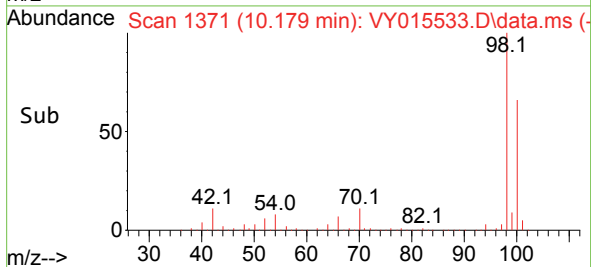
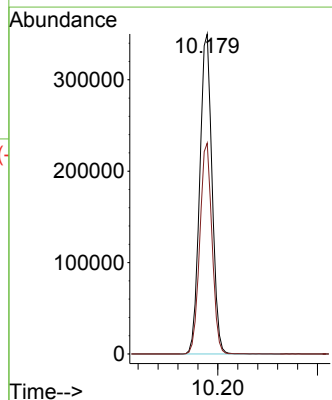
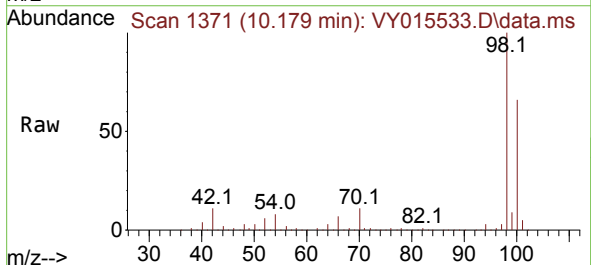


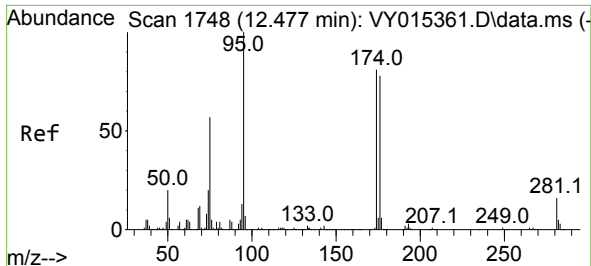
Tgt Ion:117 Resp: 30839
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.318 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Tgt Ion: 98 Resp: 599217
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

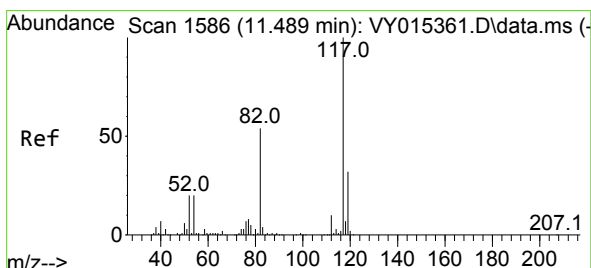
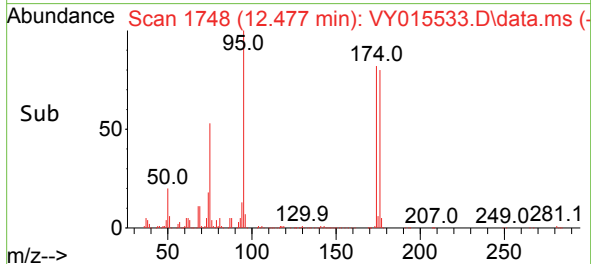
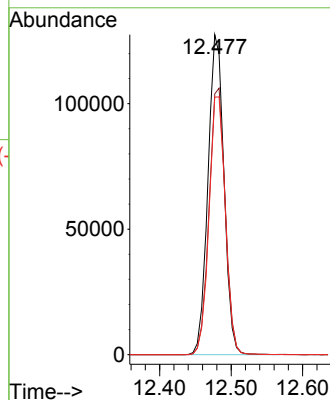
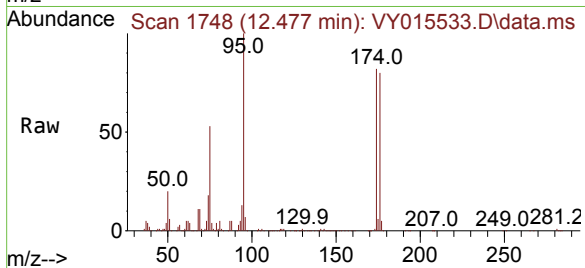




#62
4-Bromofluorobenzene
Concen: 50.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

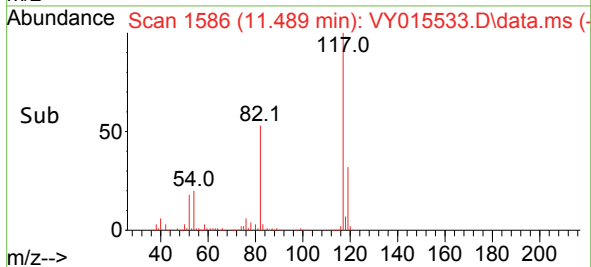
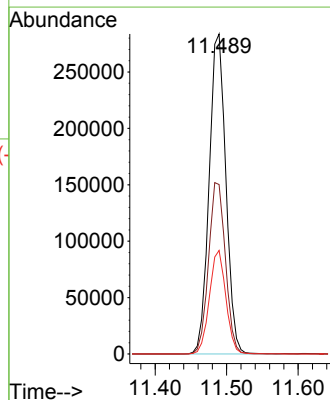
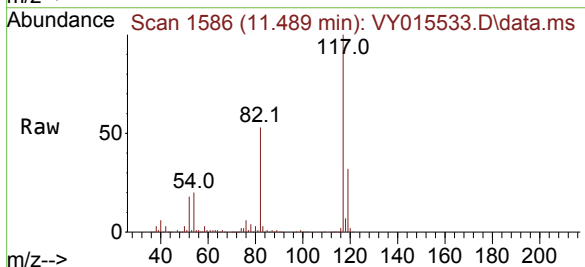
Instrument :
MSVOA_Y
ClientSampleId :

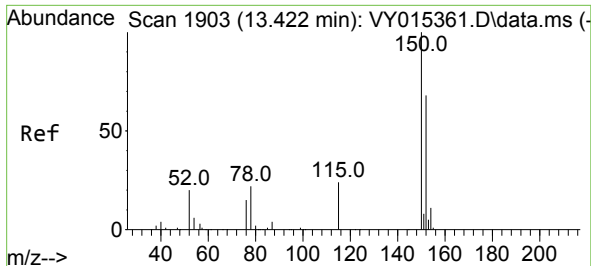
Tgt Ion: 95 Resp: 198195
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Tgt Ion: 117 Resp: 460670
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.4 26.3 39.5

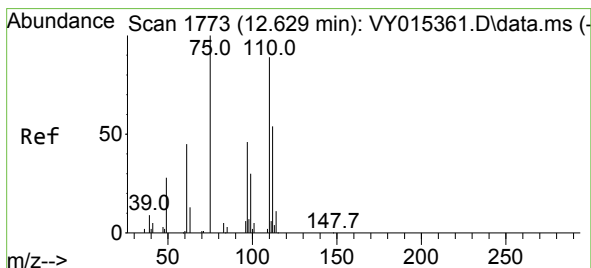
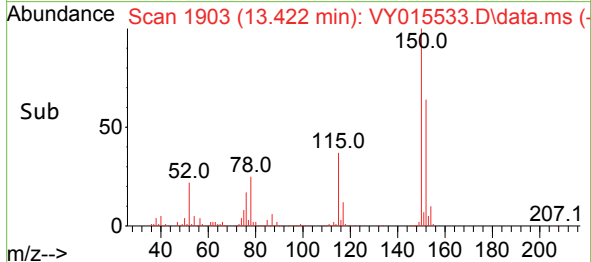
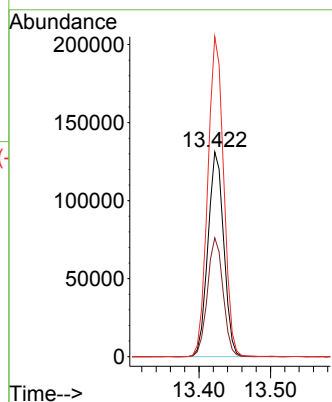
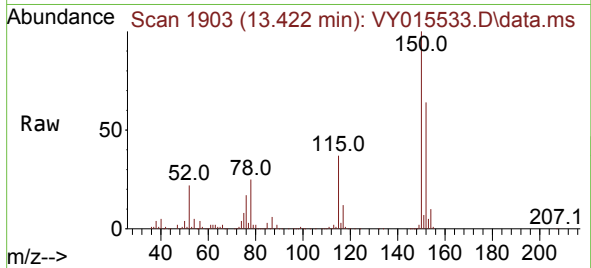




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015533.D
 Acq: 14 Sep 2023 15:04

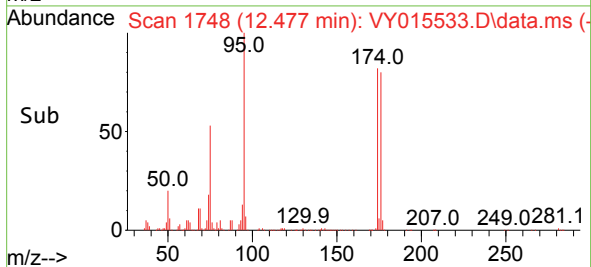
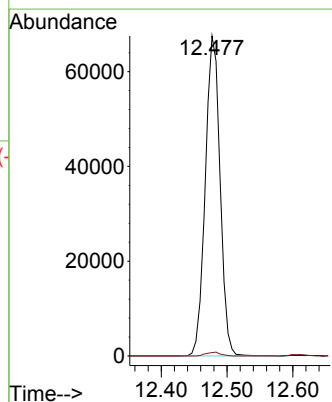
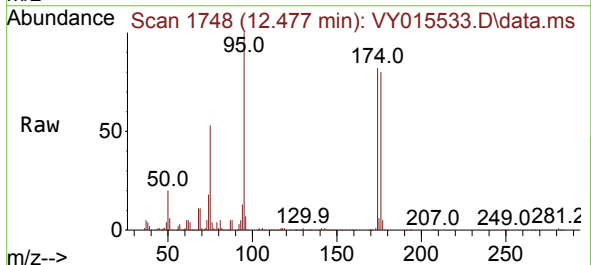
Instrument :
 MSVOA_Y
 ClientSampleId :

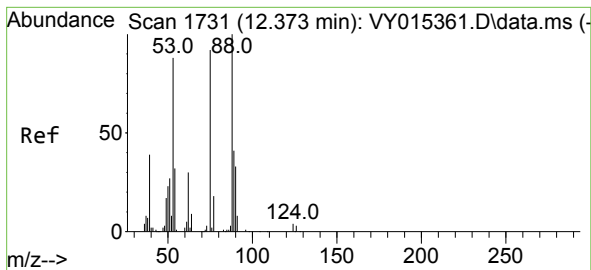
Tgt Ion:152 Resp: 201877
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 39.456 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015533.D
 Acq: 14 Sep 2023 15:04

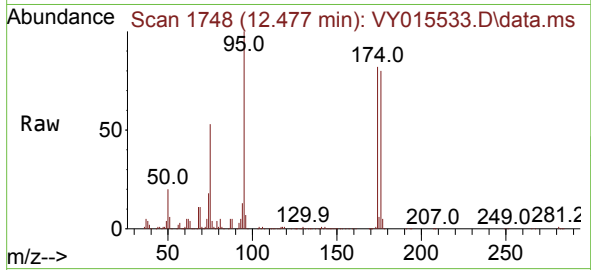
Tgt Ion: 75 Resp: 105627
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.035 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015533.D
 Acq: 14 Sep 2023 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 105627
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

