

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015439.D
 Acq On : 05 Sep 2023 18:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:47:07 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)

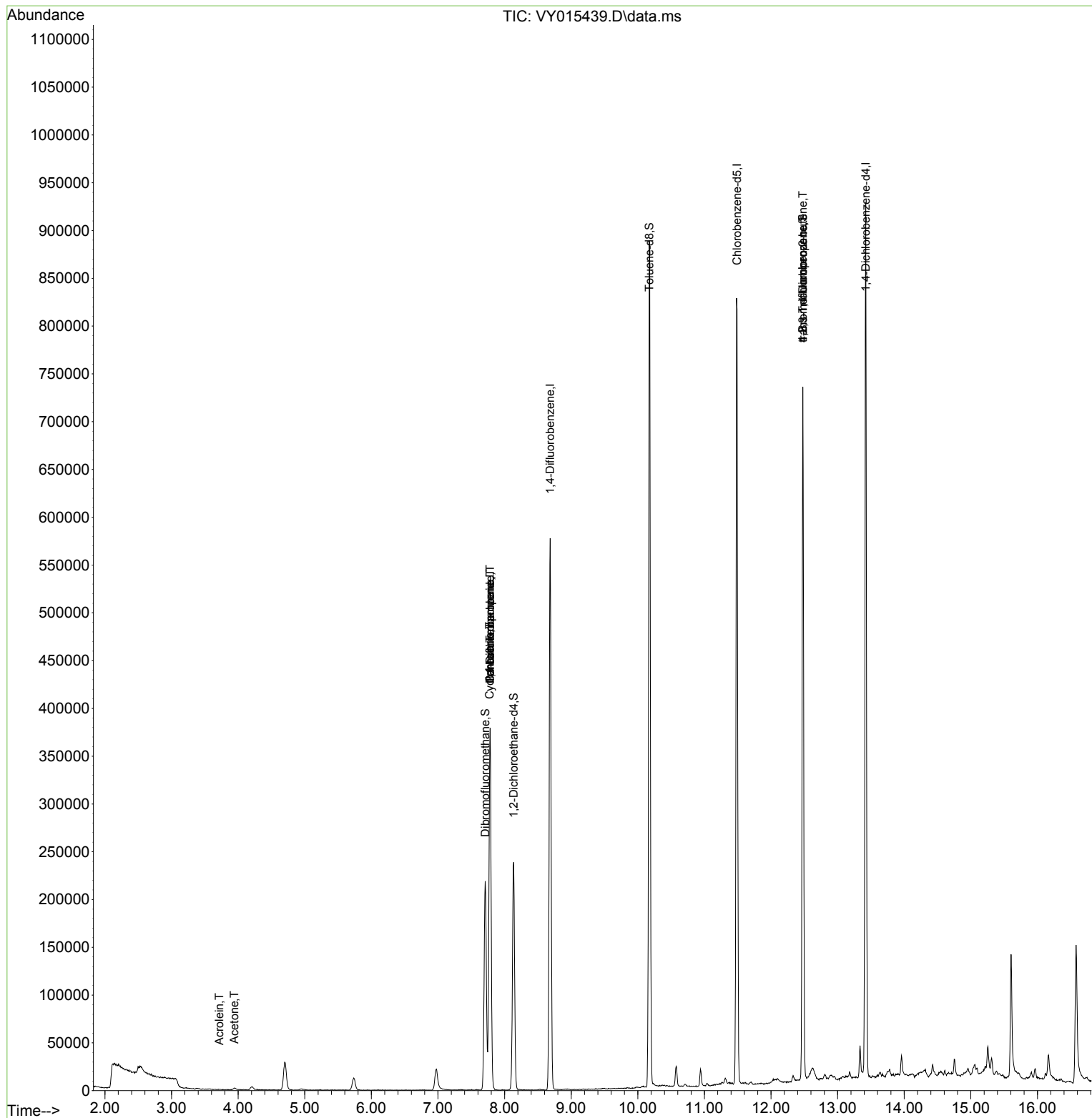
Internal Standards						
1) Pentafluorobenzene	7.783	168	293732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	184492	58.592	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 117.180%		
35) Dibromofluoromethane	7.710	113	154577	54.521	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.040%		
50) Toluene-d8	10.173	98	578925	56.386	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.780%		
62) 4-Bromofluorobenzene	12.477	95	210277	55.168	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 110.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	983	Below Cal	#	65
13) Acrolein	3.717	56	224	11.890	ug/l #	54
16) Acetone	3.942	43	3678	2.798	ug/l #	72
20) Methylene Chloride	4.704	84	22003	Below Cal		93
31) Cyclohexane	7.777	56	6302	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23026	4.625	ug/l #	50
38) Carbon Tetrachloride	7.783	117	29446	5.727	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	112136	37.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	112136	83.200	ug/l #	11

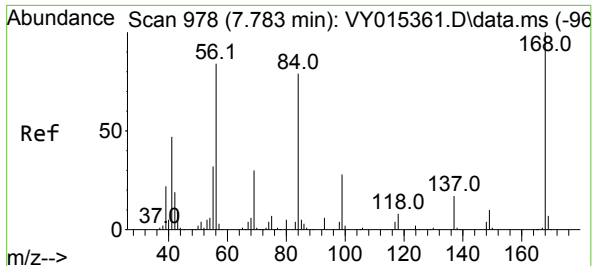
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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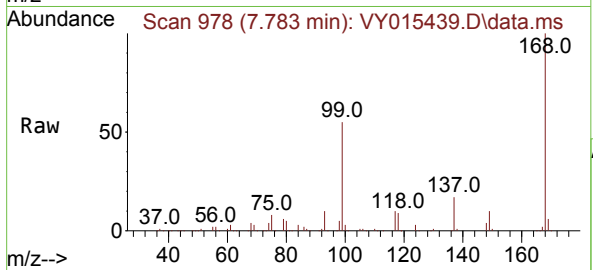
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



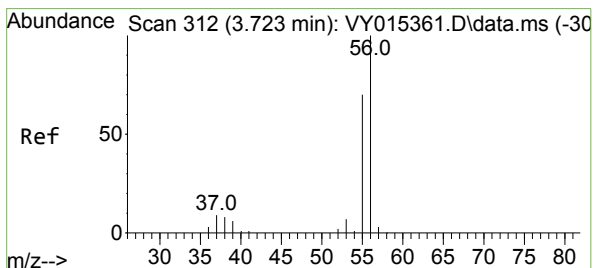
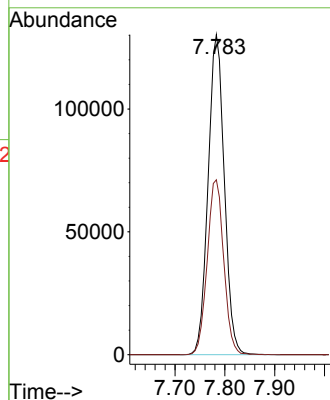
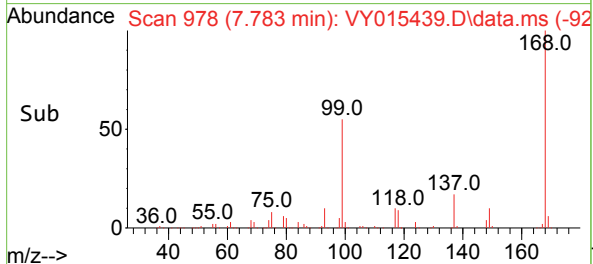


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :

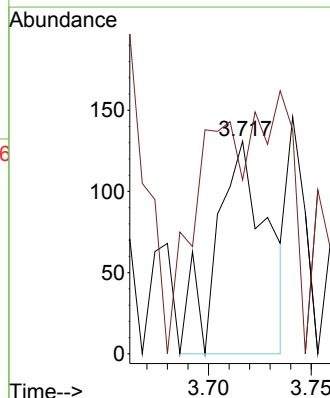
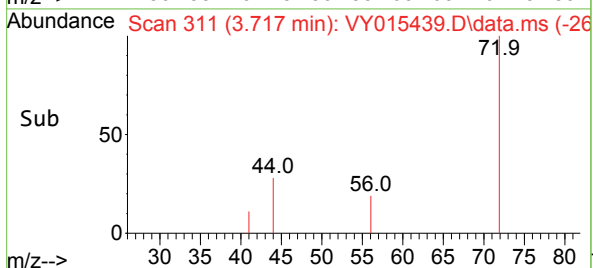
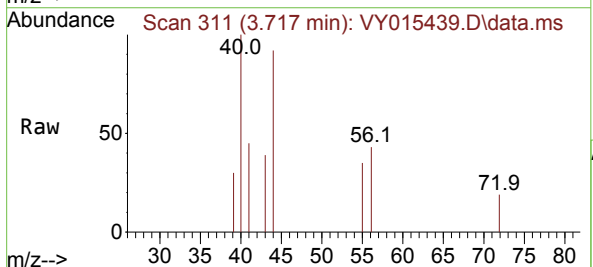


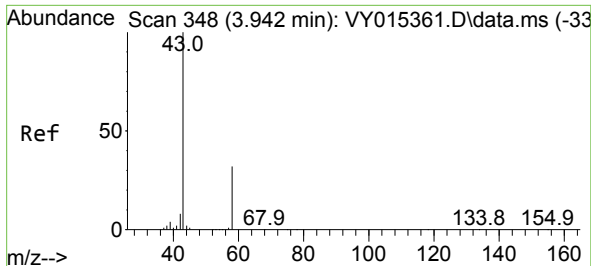
Tgt Ion:168 Resp: 293732
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#13
Acrolein
Concen: 11.890 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 108.9 57.0 85.4#

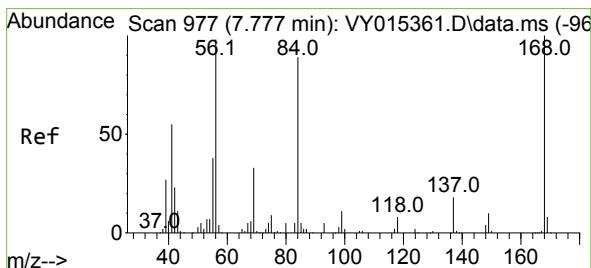
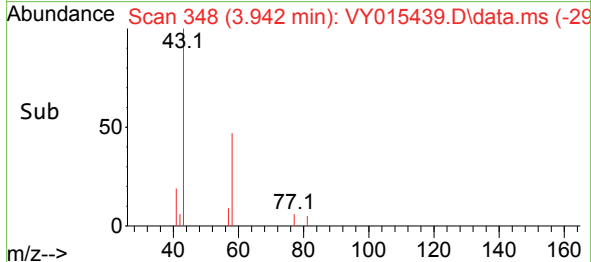
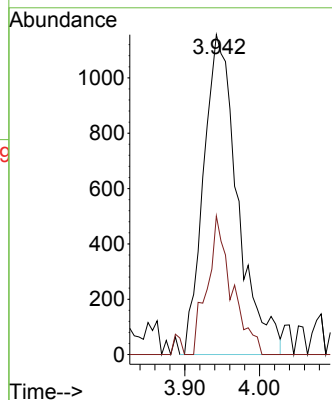
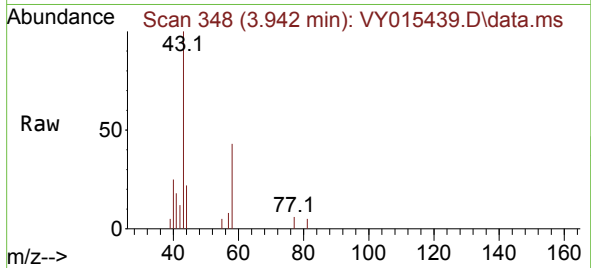




#16
Acetone
Concen: 2.798 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

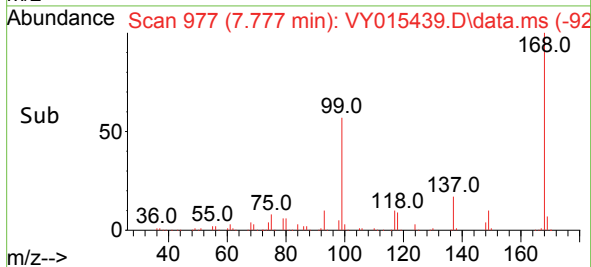
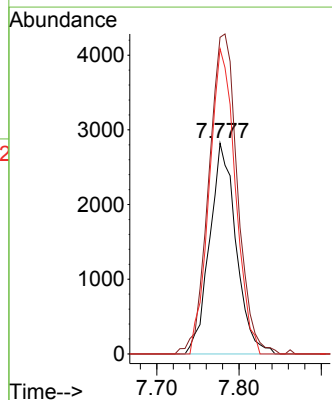
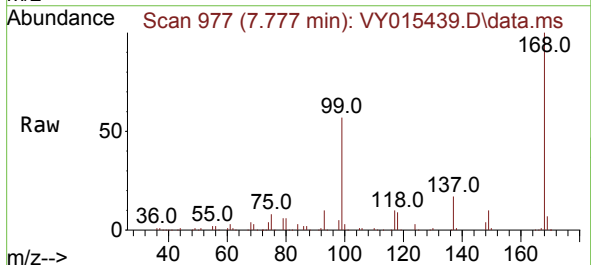
Instrument :
MSVOA_Y
ClientSampleId :

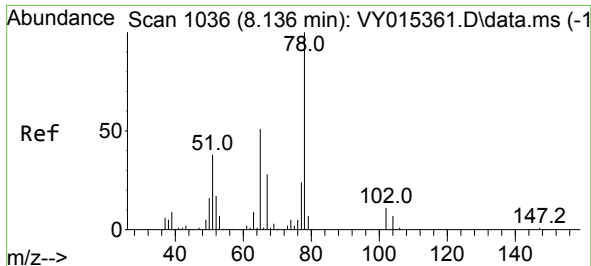
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 43.3 22.7 34.1#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Tgt Ion: 56 Resp: 6302
Ion Ratio Lower Upper
56 100
69 150.3 27.8 41.6#
84 144.8 66.4 99.6#

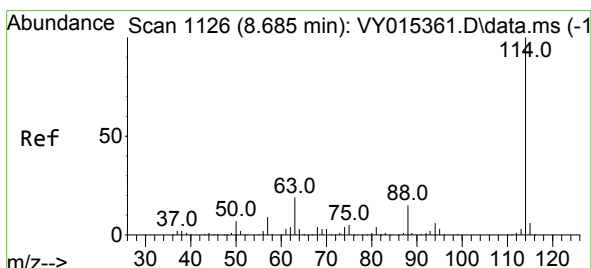
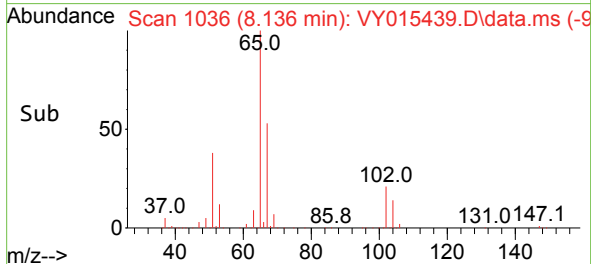
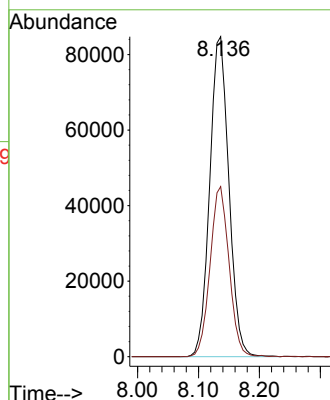
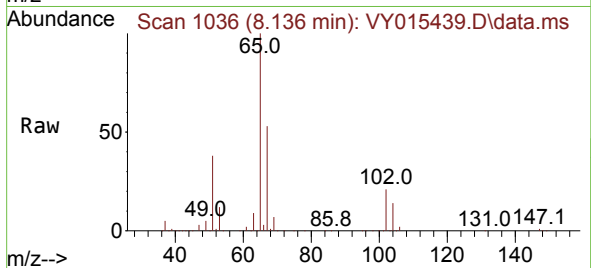




#33
 1,2-Dichloroethane-d4
 Concen: 58.592 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015439.D
 Acq: 05 Sep 2023 18:39

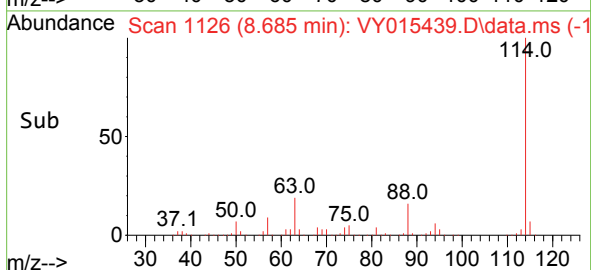
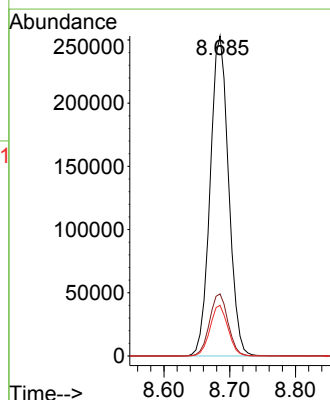
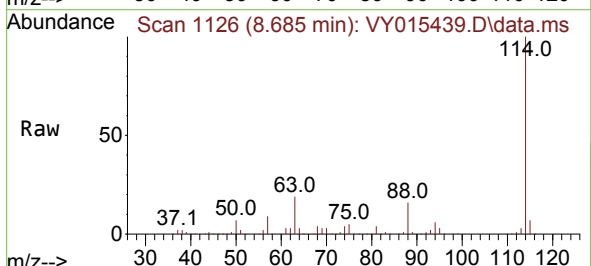
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 184492
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VY015439.D
 Acq: 05 Sep 2023 18:39

Tgt Ion: 114 Resp: 492237
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.8 0.0 30.6

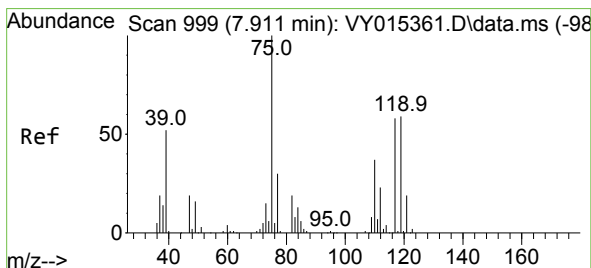
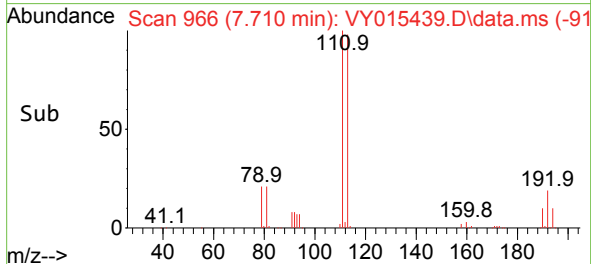
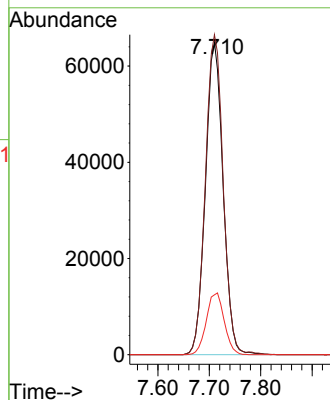
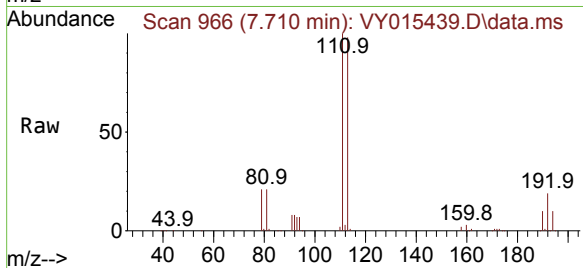




#35
Dibromofluoromethane
Concen: 54.521 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

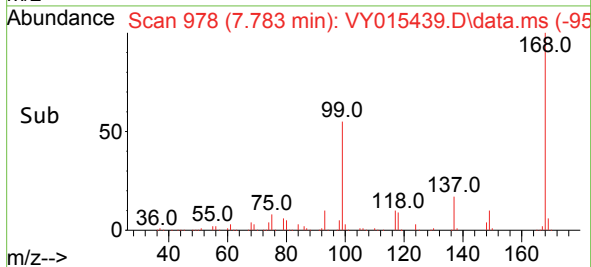
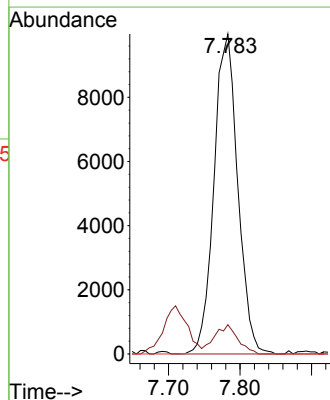
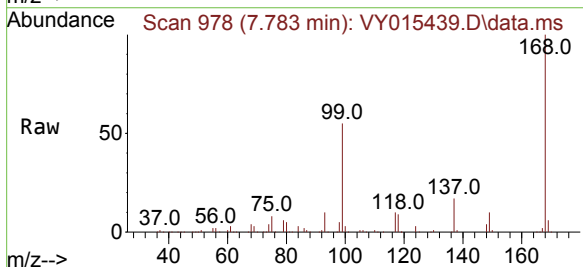
Instrument :
MSVOA_Y
ClientSampleId :

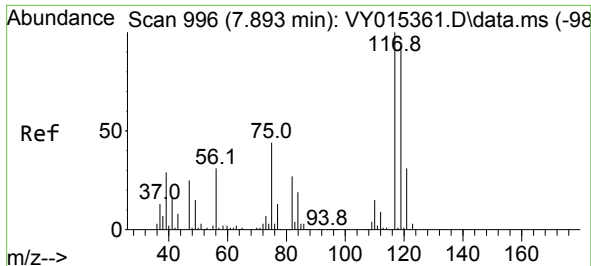
Tgt Ion:113 Resp: 154577
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

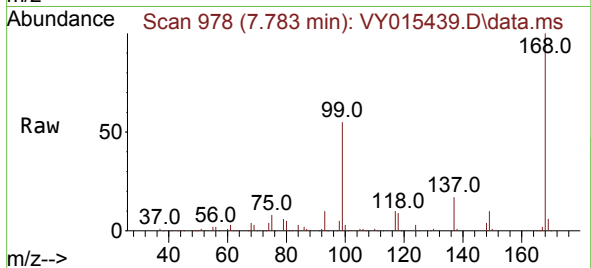
Tgt Ion: 75 Resp: 23026
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



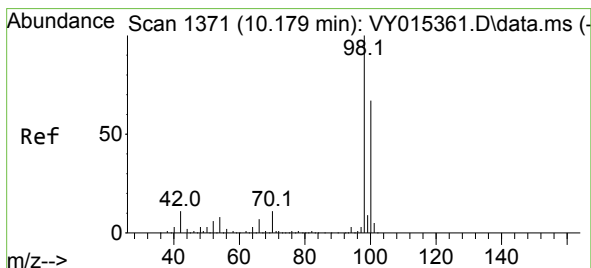
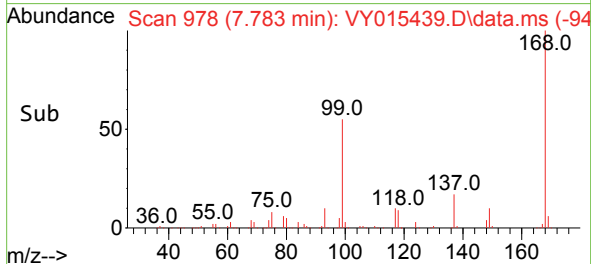
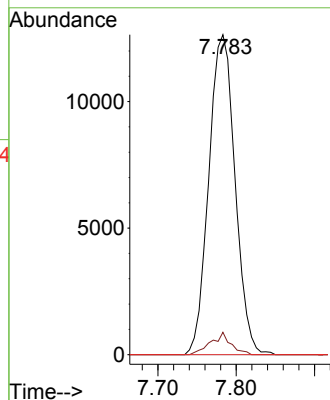


#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :

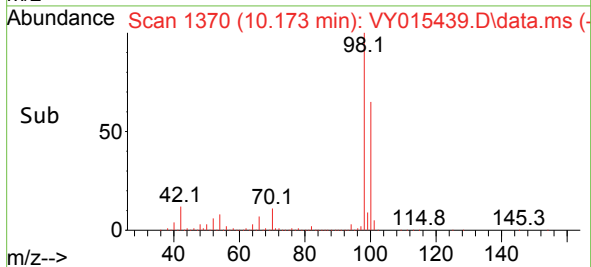
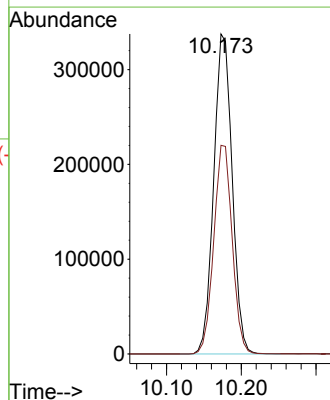
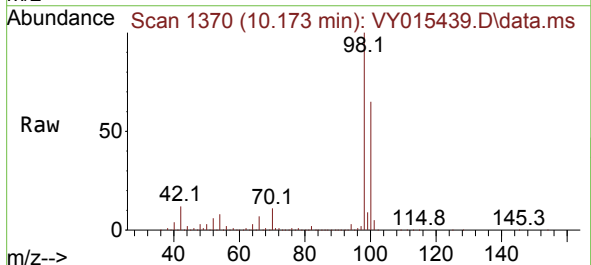


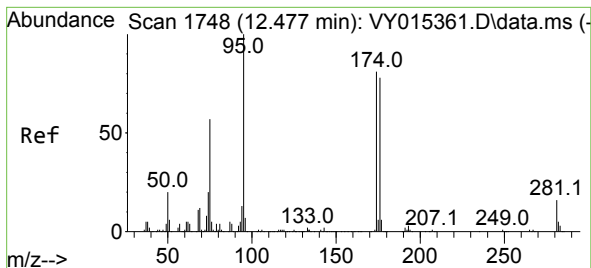
Tgt Ion:117 Resp: 29446
Ion Ratio Lower Upper
117 100
119 7.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.386 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Tgt Ion: 98 Resp: 578925
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

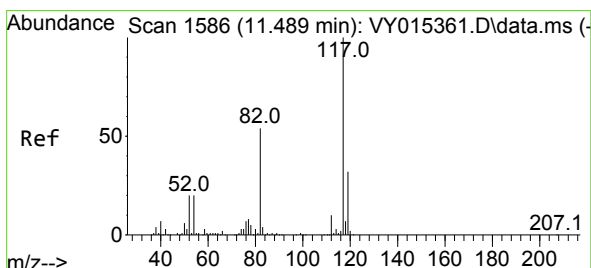
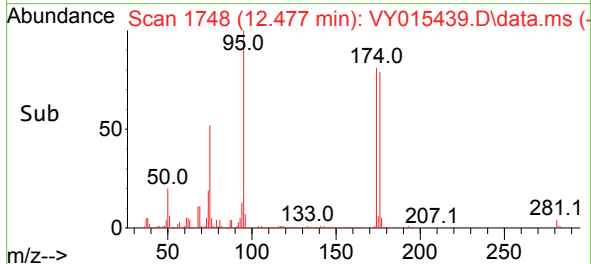
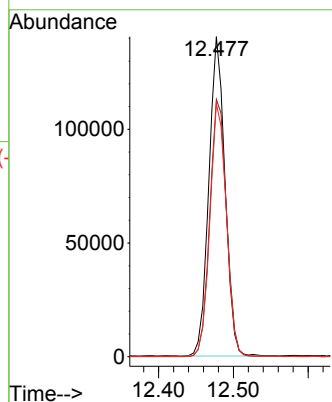
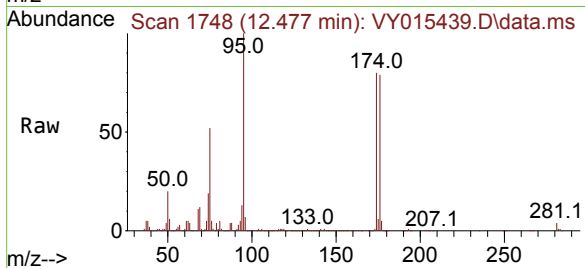




#62
4-Bromofluorobenzene
Concen: 55.168 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

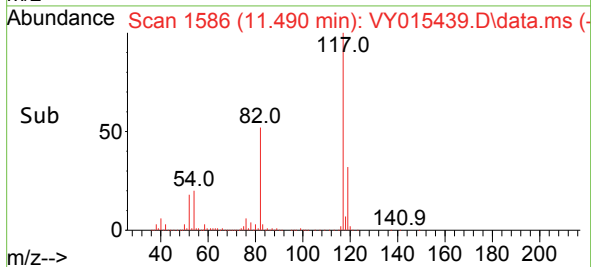
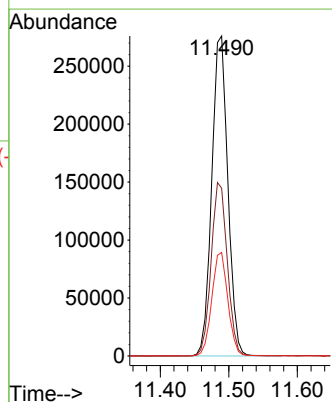
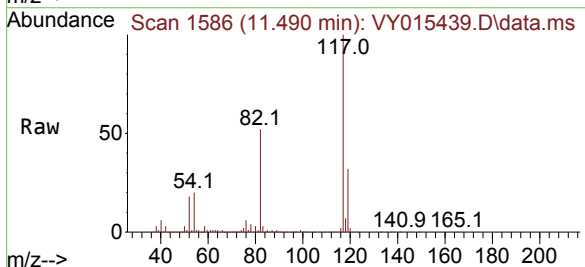
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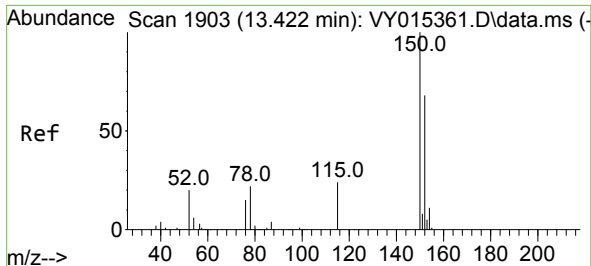
Tgt Ion: 95 Resp: 210277
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015439.D
Acq: 05 Sep 2023 18:39

Tgt Ion: 117 Resp: 451334
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.3 26.3 39.5

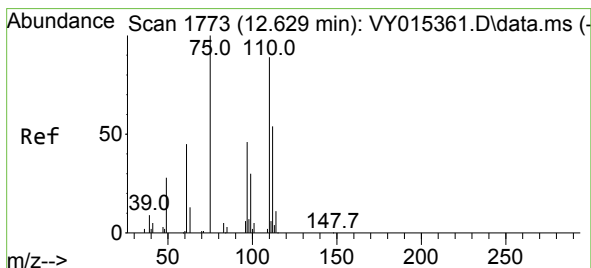
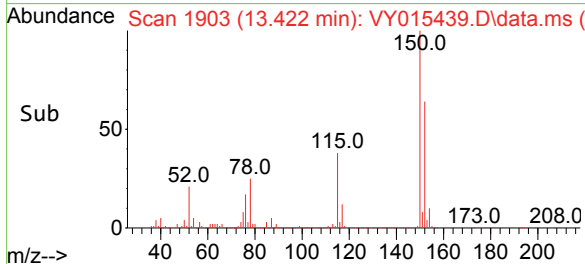
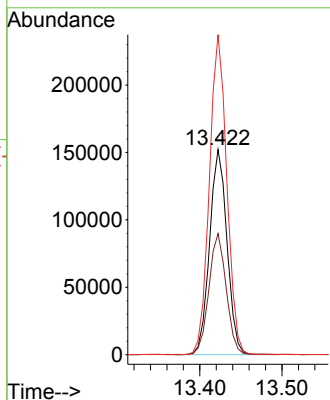
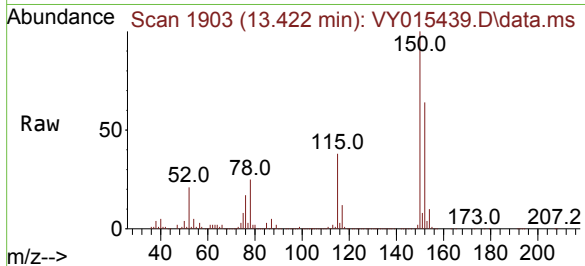




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015439.D
 Acq: 05 Sep 2023 18:39

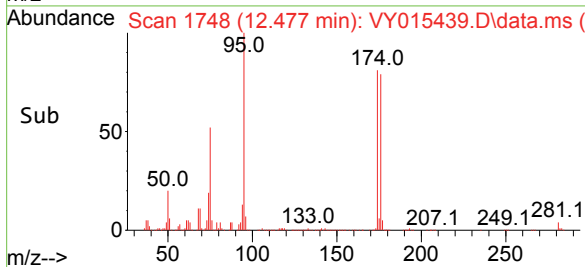
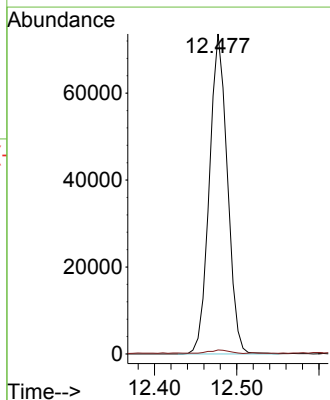
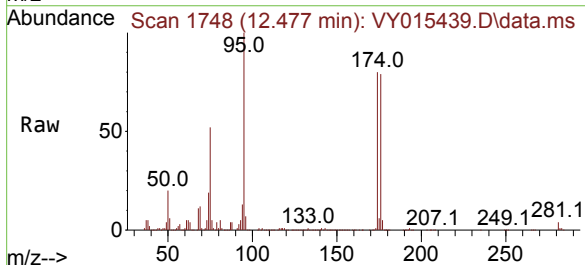
Instrument :
 MSVOA_Y
 ClientSampleId :

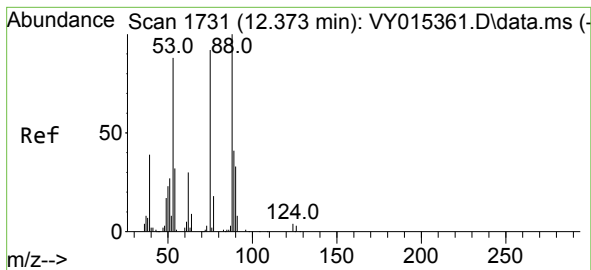
Tgt Ion:152 Resp: 224195
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 156.0 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.717 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015439.D
 Acq: 05 Sep 2023 18:39

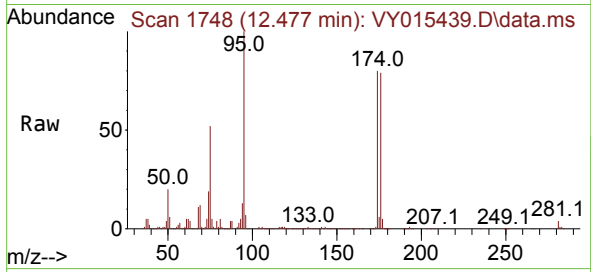
Tgt Ion: 75 Resp: 112136
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.200 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015439.D
 Acq: 05 Sep 2023 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 112136
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

