

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015534.D
 Acq On : 14 Sep 2023 15:28
 Operator : SY/MD
 Sample : 04351-03
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:01:11 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)

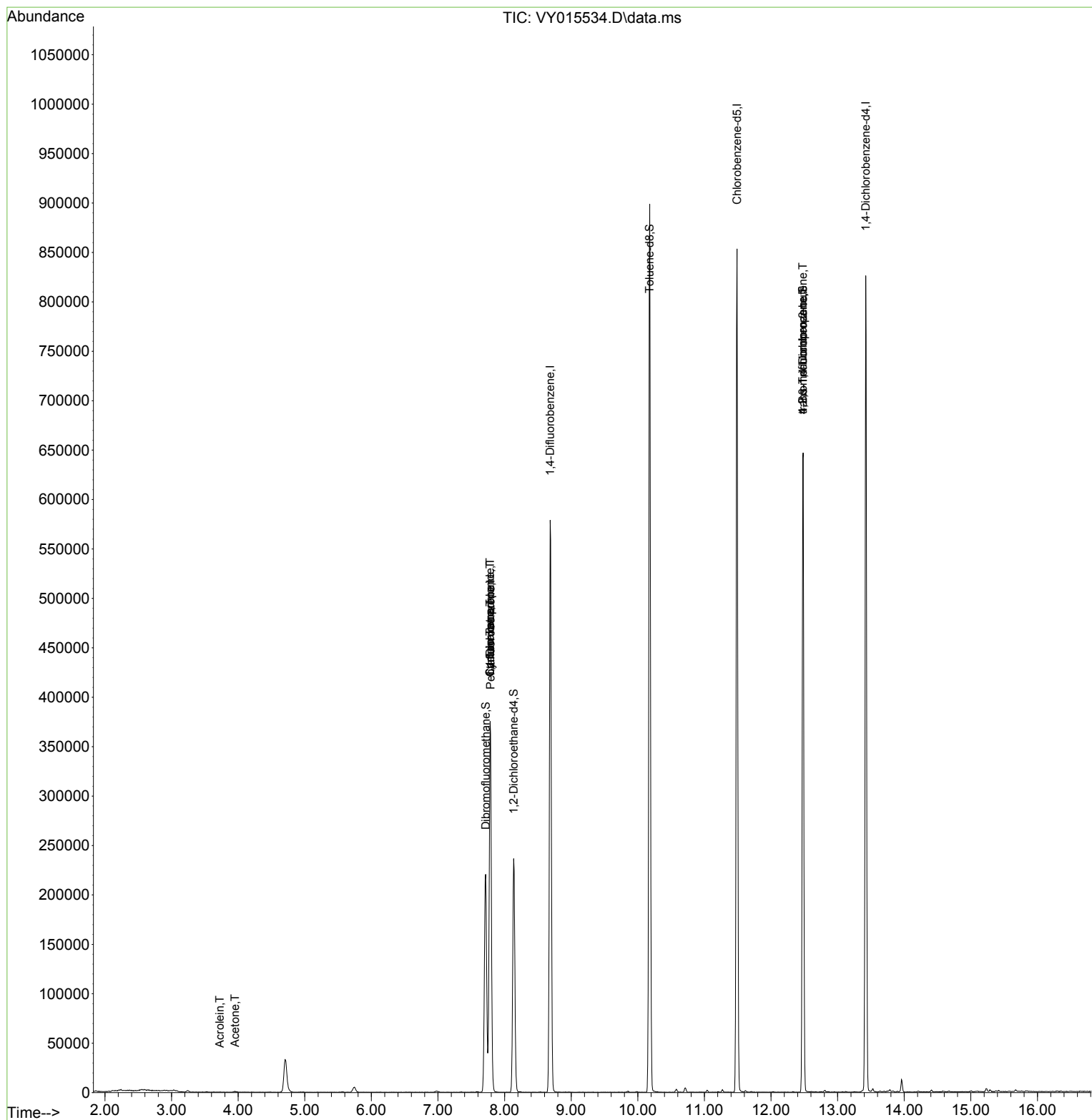
Internal Standards						
1) Pentafluorobenzene	7.789	168	292315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	496468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	455817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	184604	58.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.820%	
35) Dibromofluoromethane	7.716	113	156186	54.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.179	98	584955	56.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.980%	
62) 4-Bromofluorobenzene	12.477	95	199431	51.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.760%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	163	Below Cal	#	89
13) Acrolein	3.723	56	56	11.707	ug/l #	70
16) Acetone	3.954	43	1313	1.004	ug/l #	89
31) Cyclohexane	7.783	56	5936	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22336	4.448	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28483	5.492	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	106733	38.541	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	106733	85.017	ug/l #	10

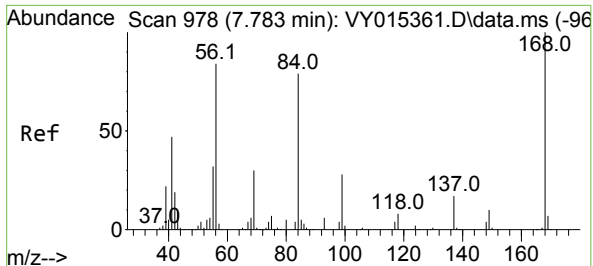
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

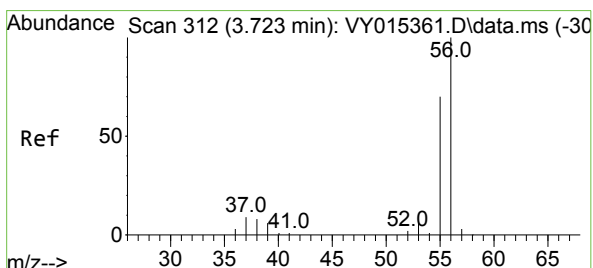
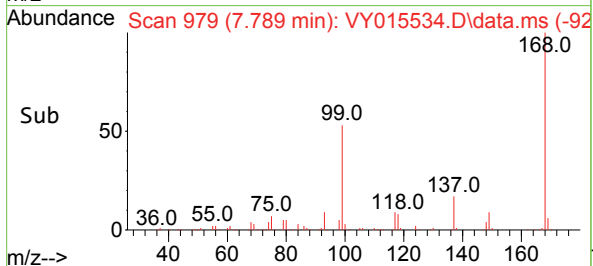
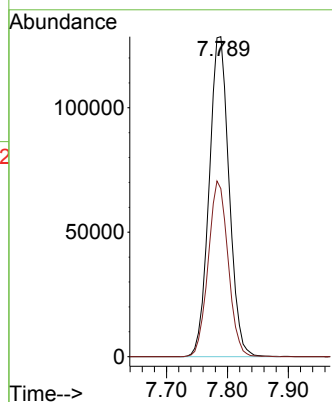
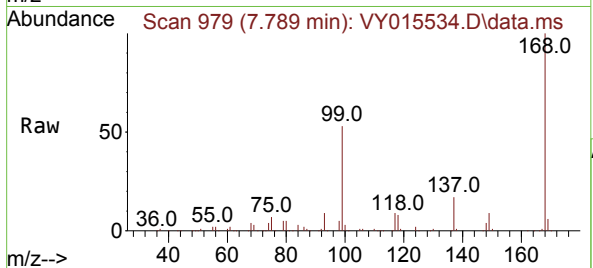




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

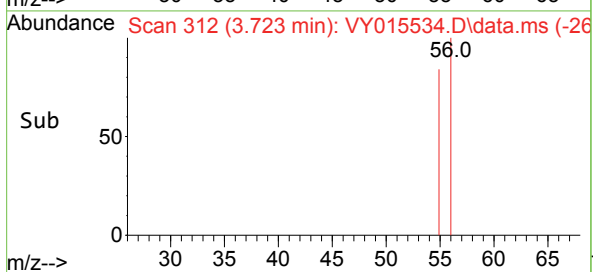
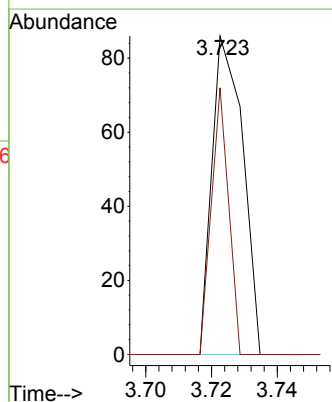
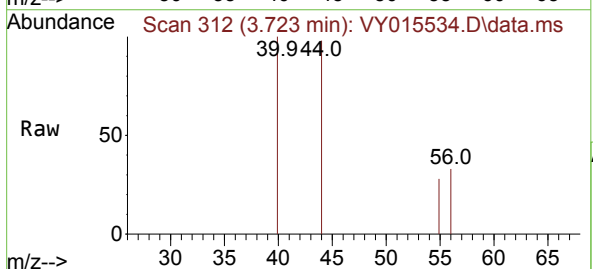
Instrument :
MSVOA_Y
ClientSampleId :

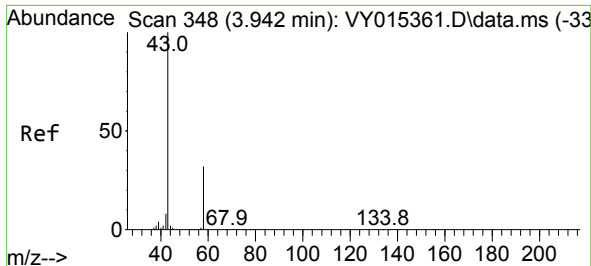
Tgt Ion:168 Resp: 292315
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#13
Acrolein
Concen: 11.707 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 46.4 57.0 85.4#

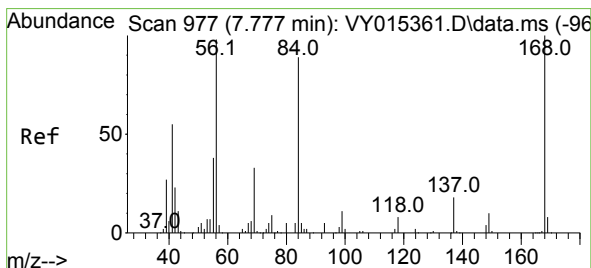
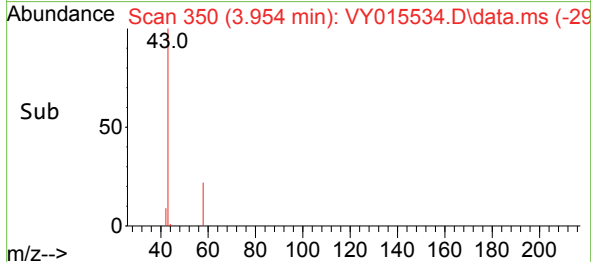
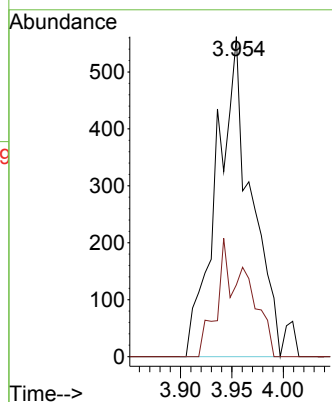
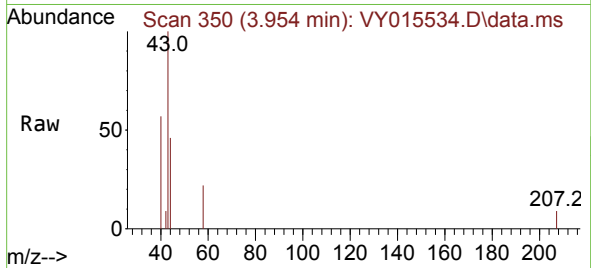




#16
Acetone
Concen: 1.004 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

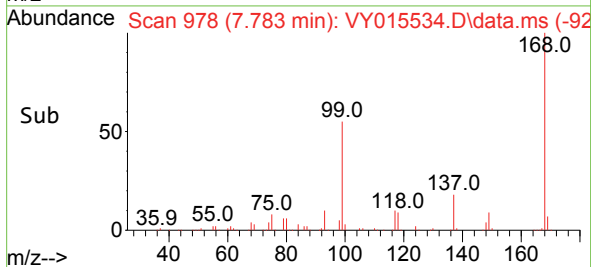
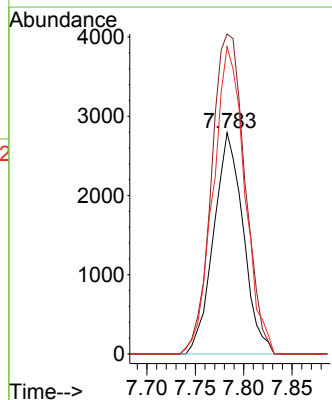
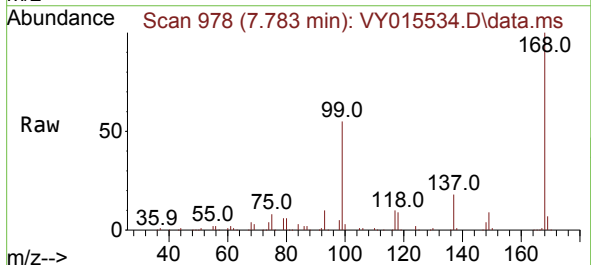
Instrument :
MSVOA_Y
ClientSampleId :

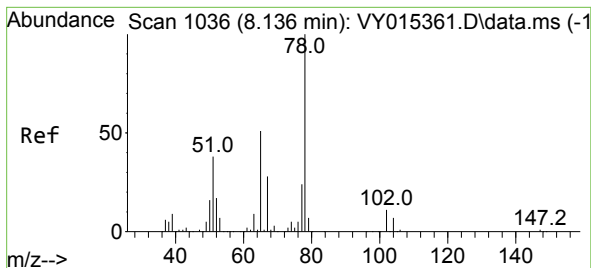
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 22.4 22.7 34.1#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Tgt Ion: 56 Resp: 5936
Ion Ratio Lower Upper
56 100
69 144.6 27.8 41.6#
84 138.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.912 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015534.D

Acq: 14 Sep 2023 15:28

Instrument :

MSVOA_Y

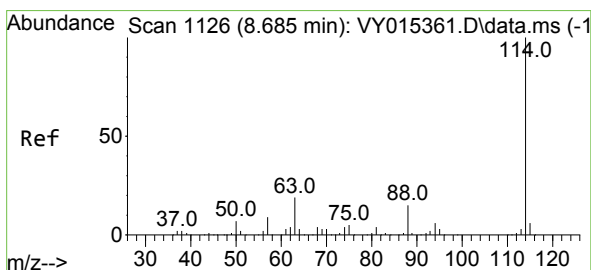
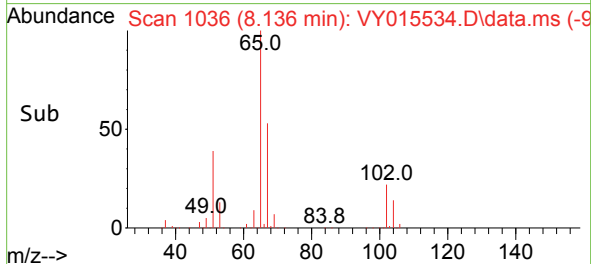
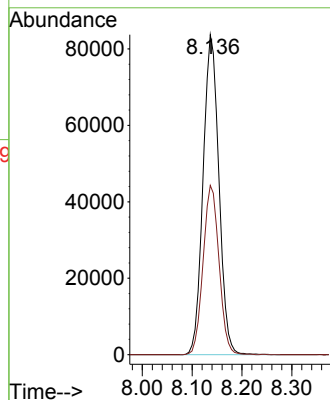
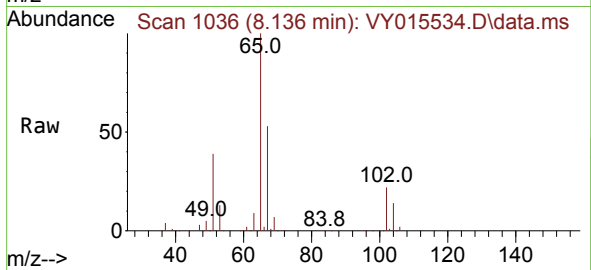
ClientSampleId :

Tgt Ion: 65 Resp: 184604

Ion Ratio Lower Upper

65 100

67 53.1 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: VY015534.D

Acq: 14 Sep 2023 15:28

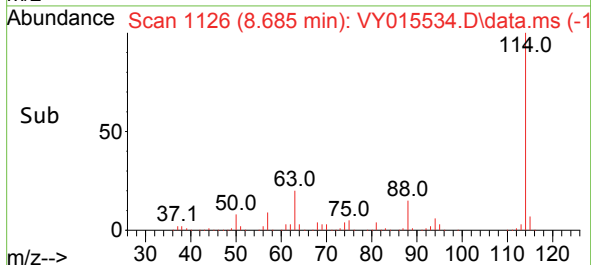
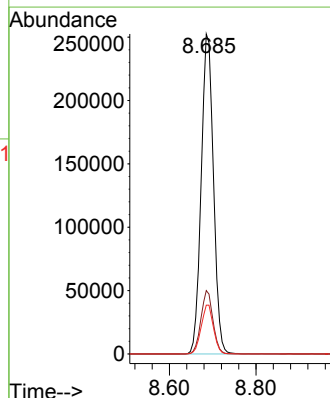
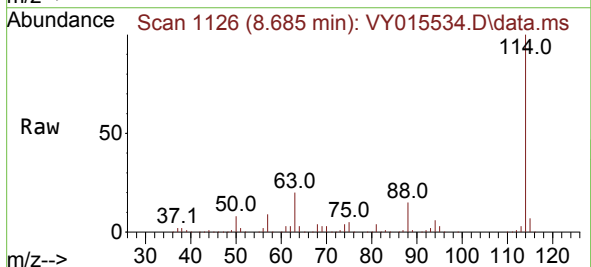
Tgt Ion: 114 Resp: 496468

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

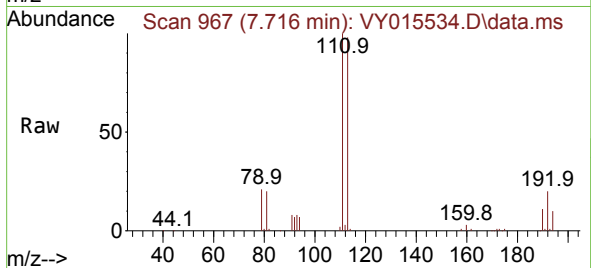
88 15.3 0.0 30.6



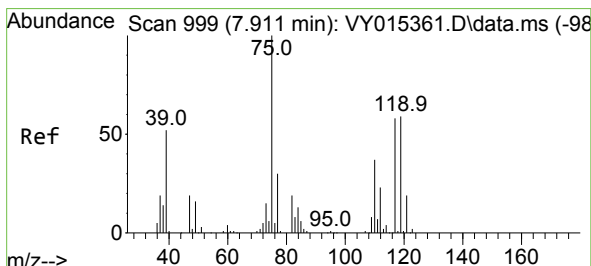
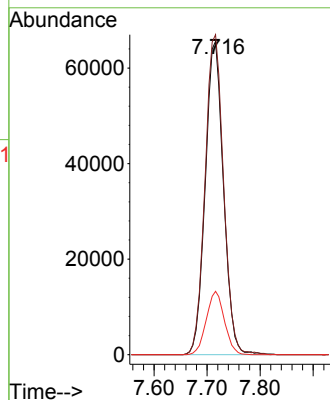
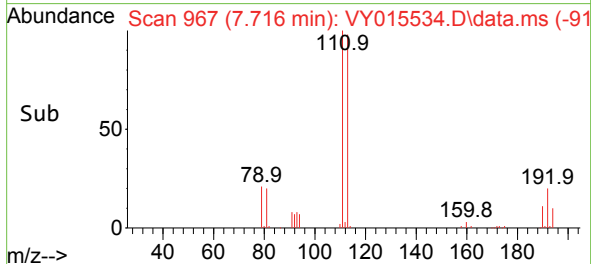


#35
Dibromofluoromethane
Concen: 54.619 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :

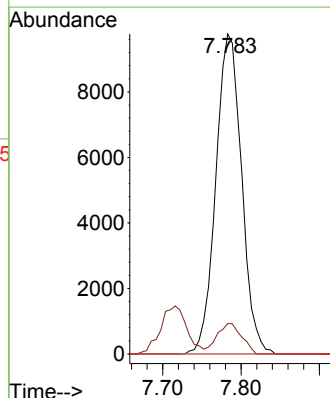
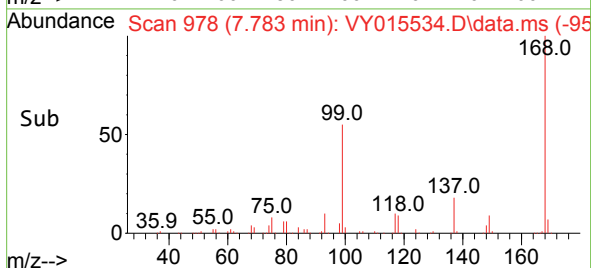
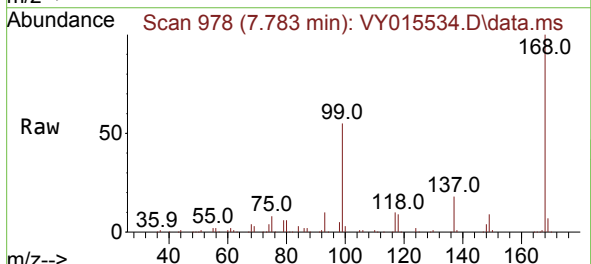


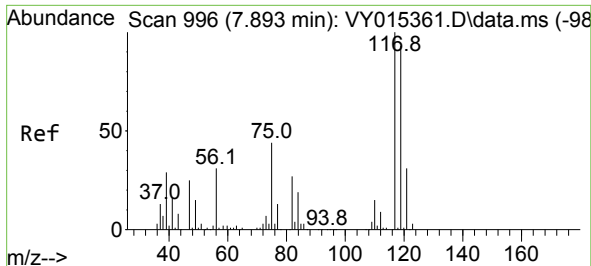
Tgt Ion:113 Resp: 156186
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

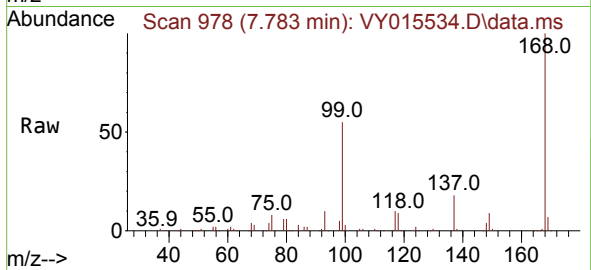
Tgt Ion: 75 Resp: 22336
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



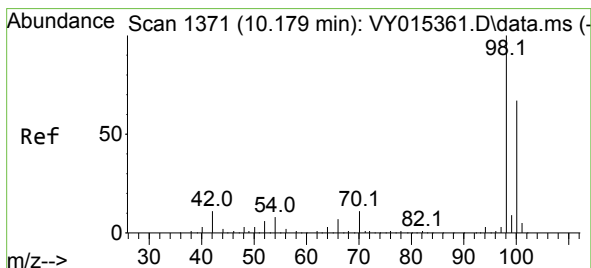
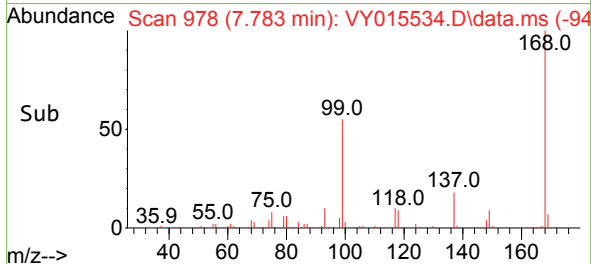
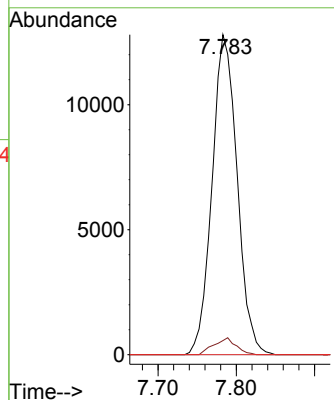


#38
Carbon Tetrachloride
Concen: 5.492 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :

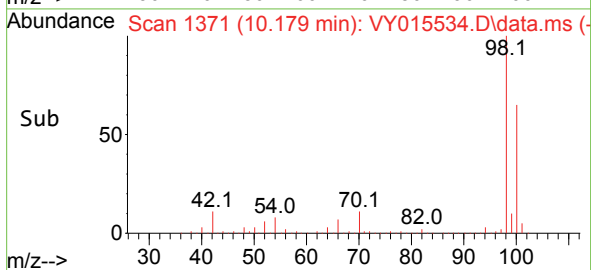
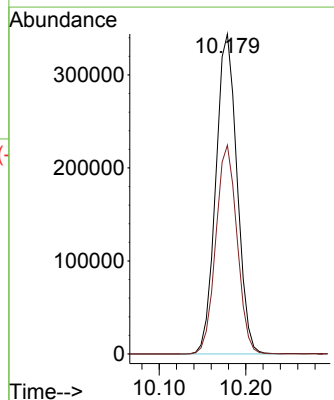
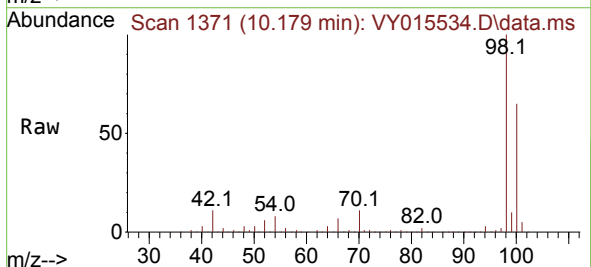


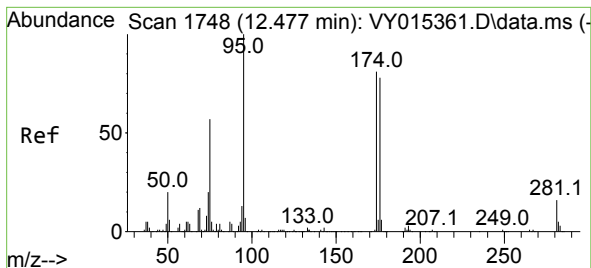
Tgt Ion:117 Resp: 28483
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.487 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Tgt Ion: 98 Resp: 584955
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

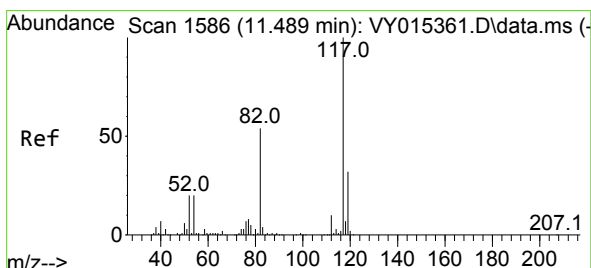
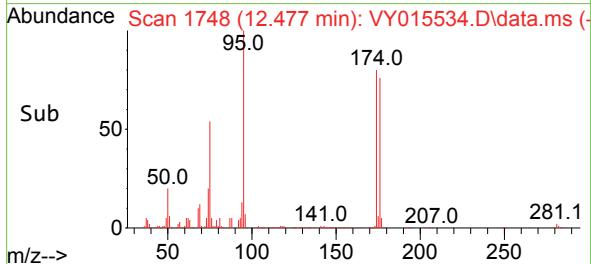
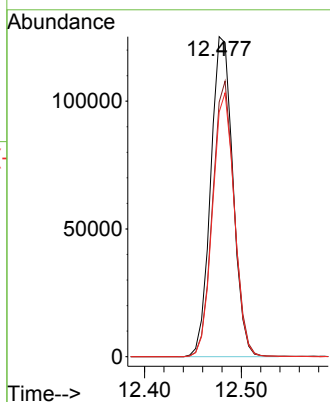
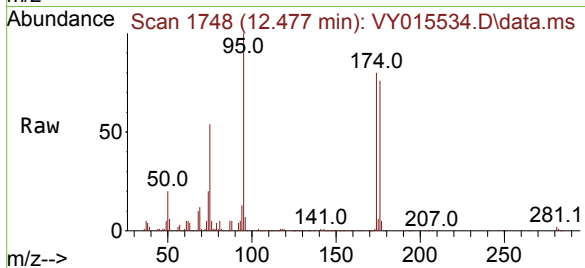




#62
4-Bromofluorobenzene
Concen: 51.877 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

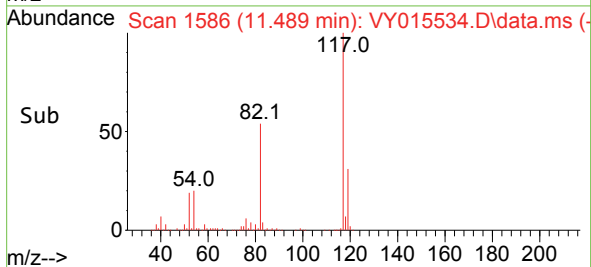
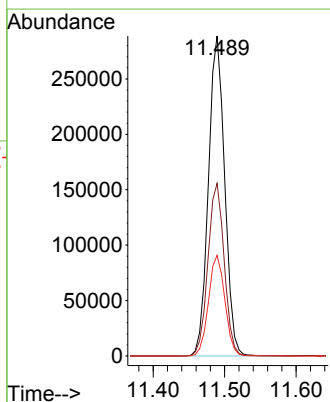
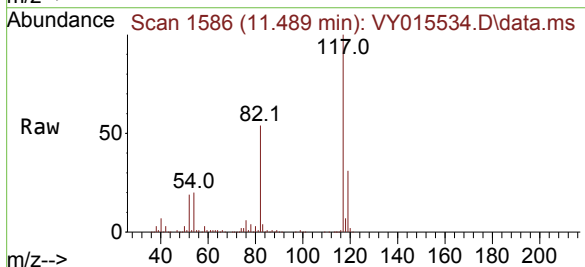
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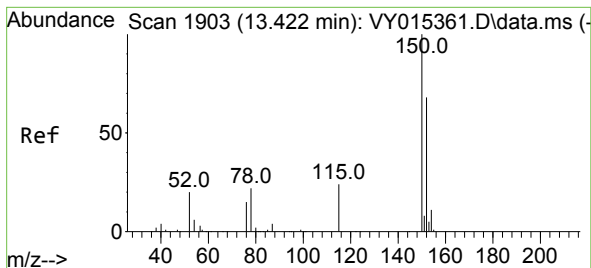
Tgt Ion: 95 Resp: 199431
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Tgt Ion: 117 Resp: 455817
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.4 26.3 39.5

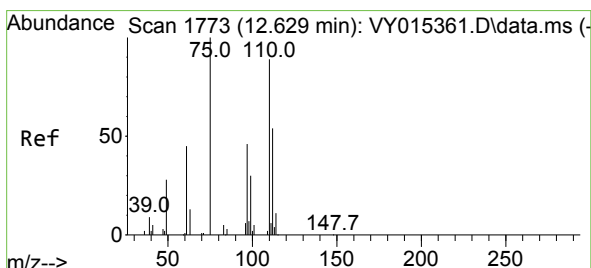
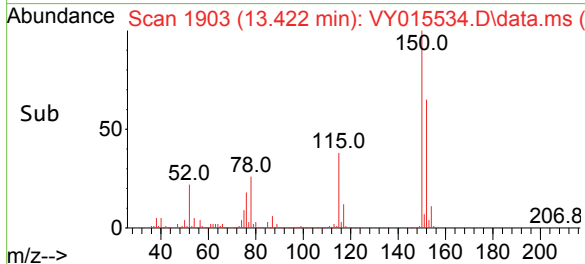
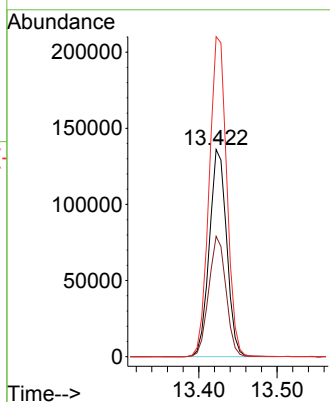
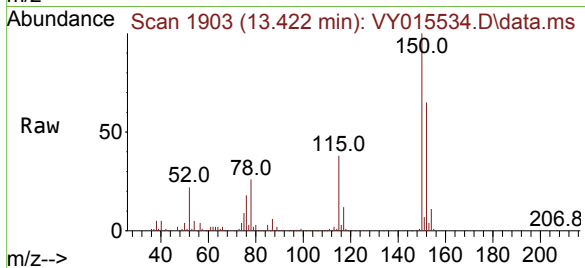




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015534.D
 Acq: 14 Sep 2023 15:28

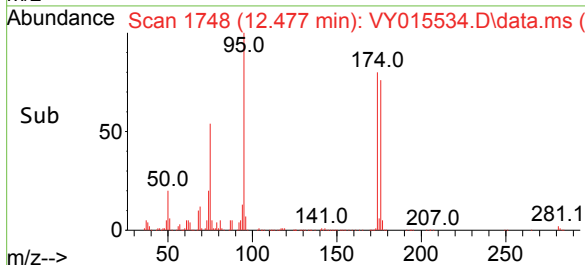
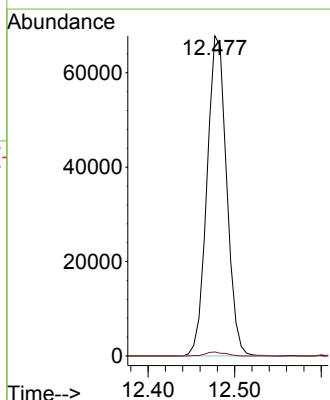
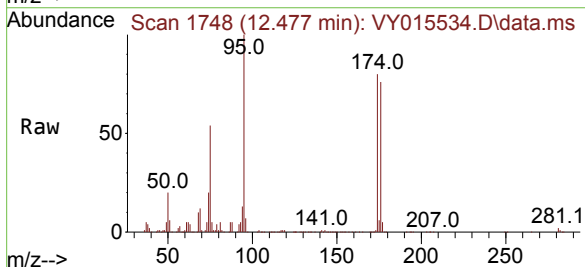
Instrument :
 MSVOA_Y
 ClientSampleId :

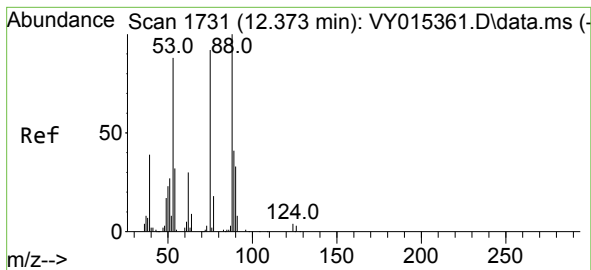
Tgt Ion:152 Resp: 208832
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.541 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015534.D
 Acq: 14 Sep 2023 15:28

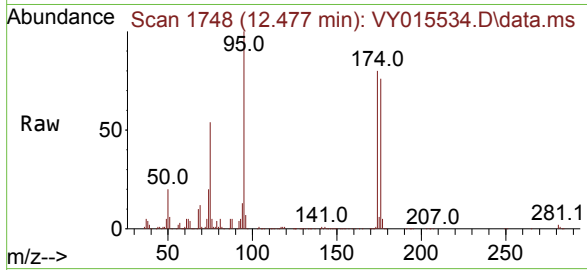
Tgt Ion: 75 Resp: 106733
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.017 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015534.D
 Acq: 14 Sep 2023 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 106733
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

