

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015387.D
 Acq On : 30 Aug 2023 19:00
 Operator : SY/MD
 Sample : 04212-01
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

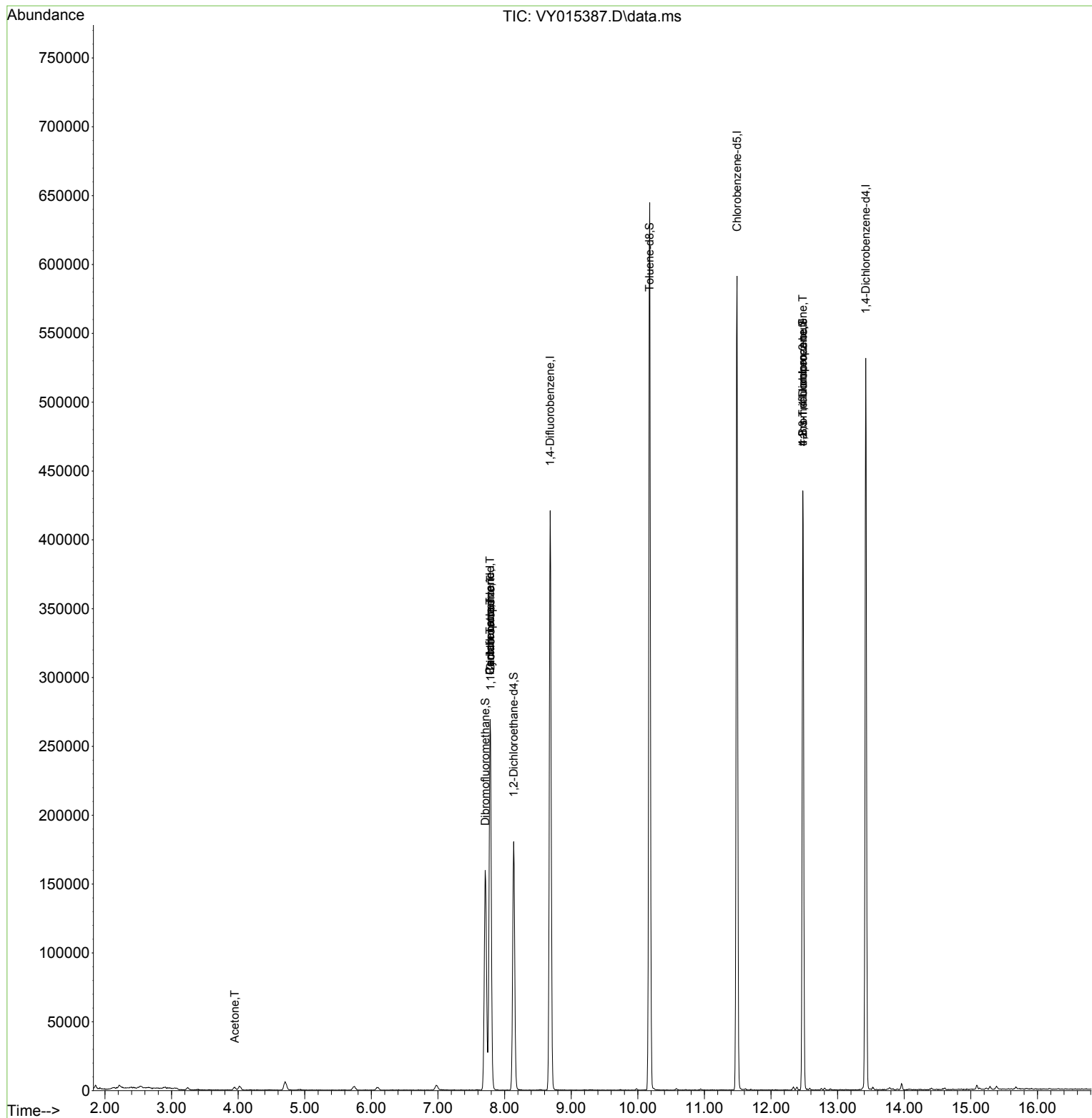
Internal Standards						
1) Pentafluorobenzene	7.782	168	210560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136236	60.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.720%	
35) Dibromofluoromethane	7.709	113	112031	54.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.178	98	418527	55.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.477	95	130854	46.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3635	3.858	ug/l #	89
20) Methylene Chloride	4.710	84	4495	Below Cal	#	84
31) Cyclohexane	7.782	56	4402	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16435	4.520	ug/l #	51
38) Carbon Tetrachloride	7.782	117	20680	5.506	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69947	40.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69947	88.301	ug/l #	11

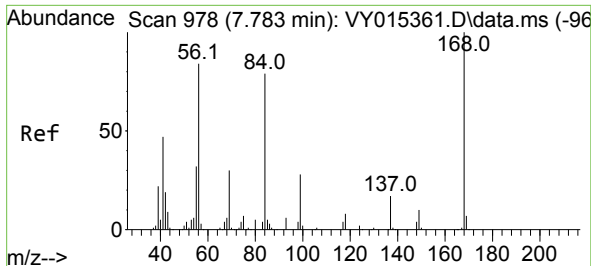
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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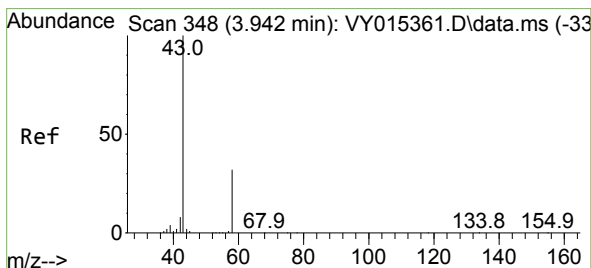
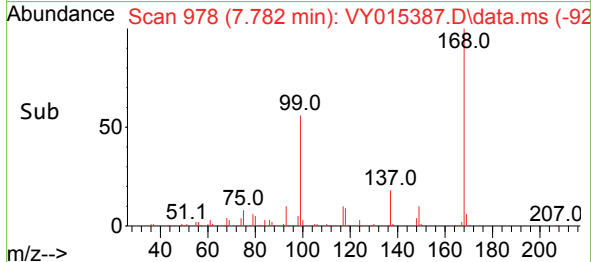
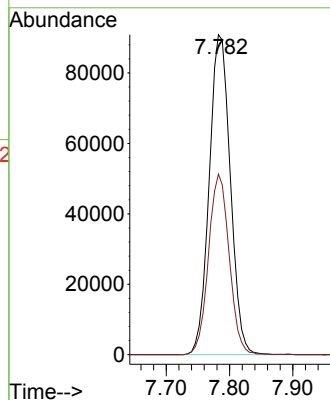
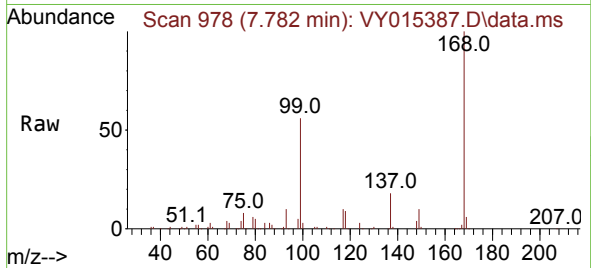




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

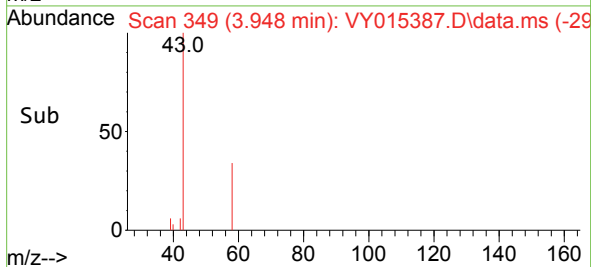
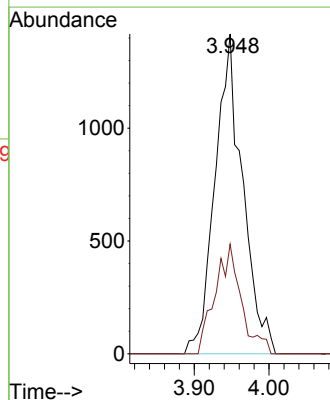
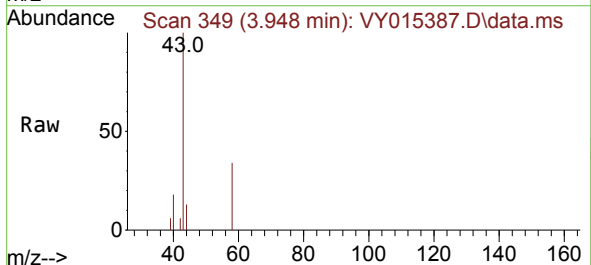
Instrument :
MSVOA_Y
ClientSampleId :

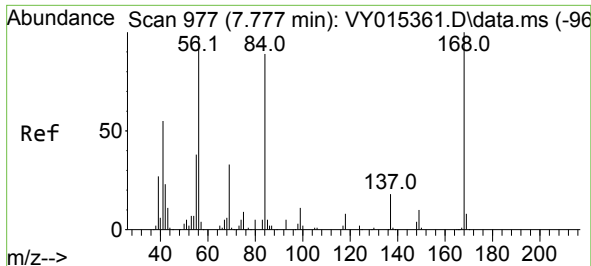
Tgt Ion:168 Resp: 210560
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 3.858 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

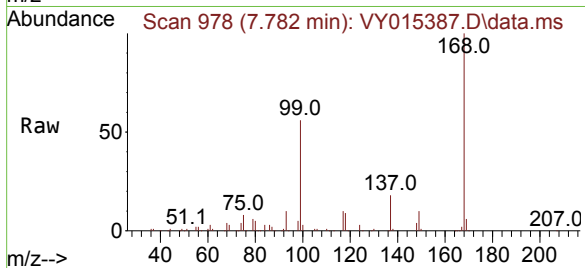
Tgt Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#



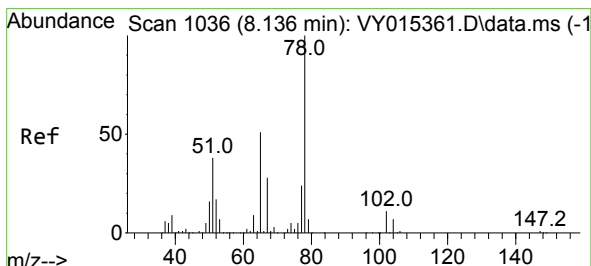
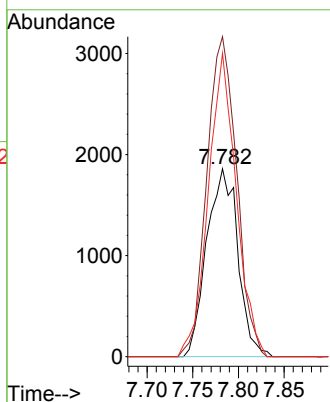
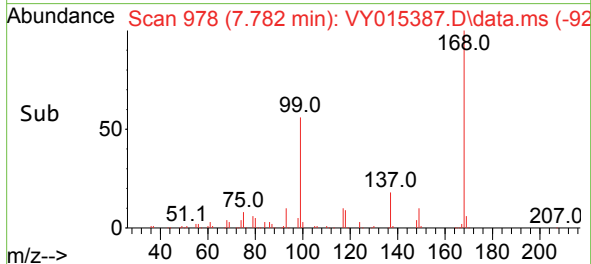


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :

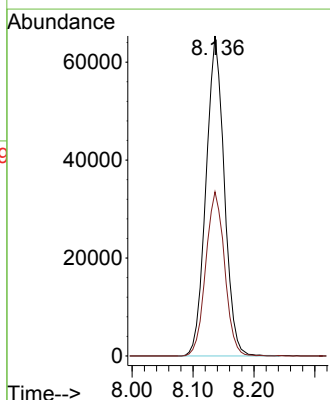
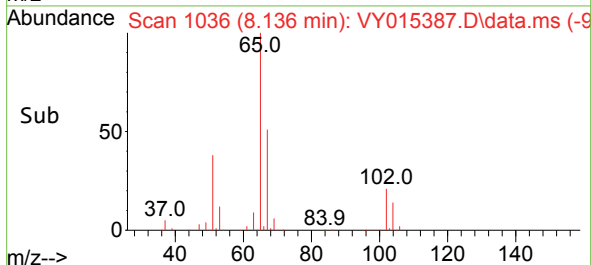
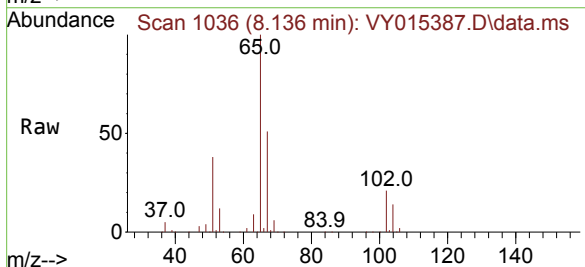


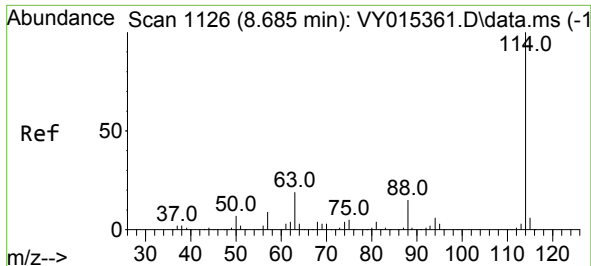
Tgt Ion: 56 Resp: 4402
Ion Ratio Lower Upper
56 100
69 170.4 27.8 41.6#
84 161.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.357 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

Tgt Ion: 65 Resp: 136236
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

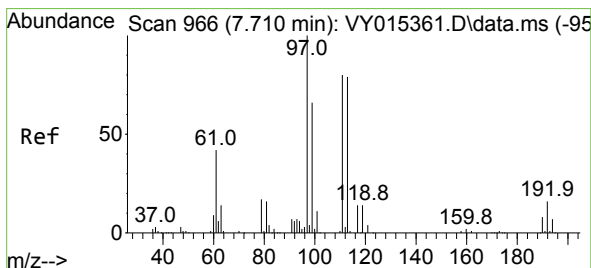
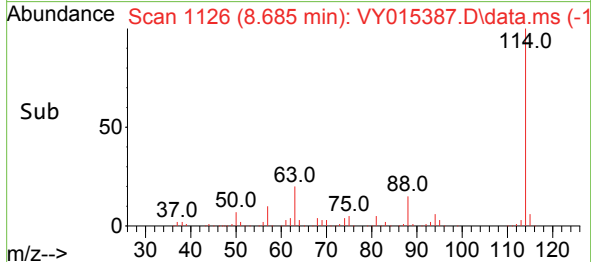
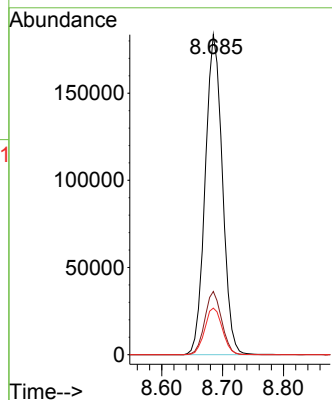
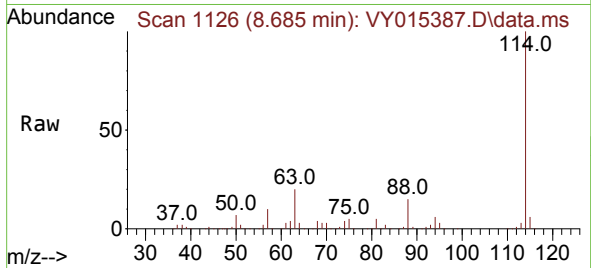




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

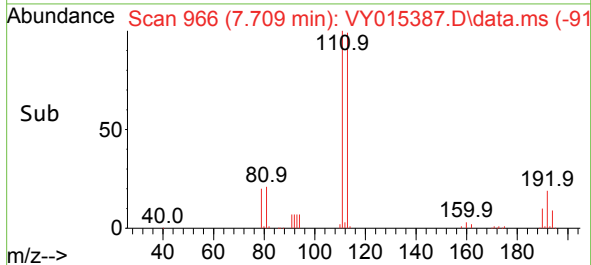
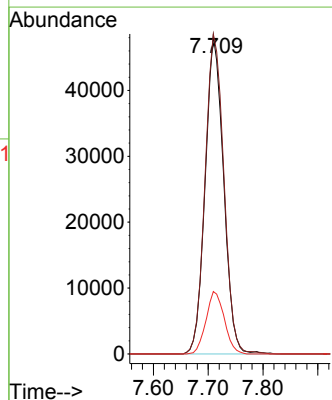
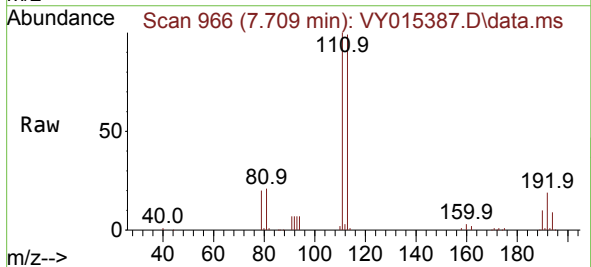
Instrument :
MSVOA_Y
ClientSampleId :

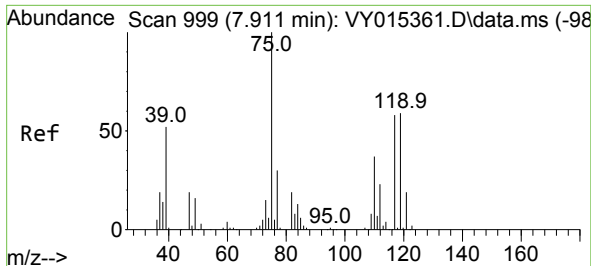
Tgt Ion:114 Resp: 359560
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.095 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

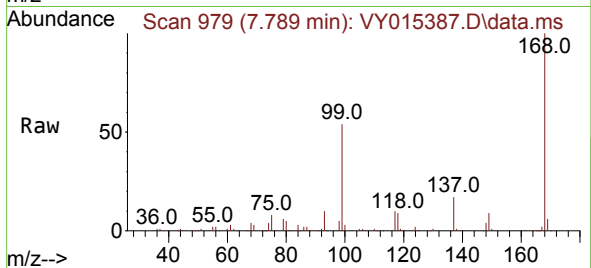
Tgt Ion:113 Resp: 112031
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.6 16.9 25.3



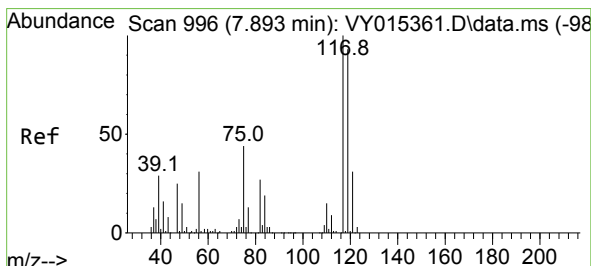
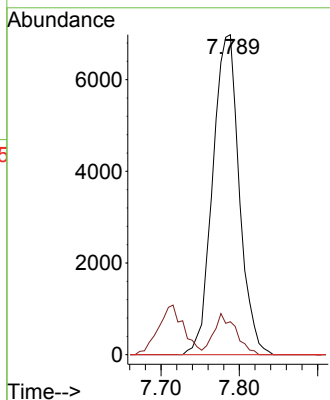
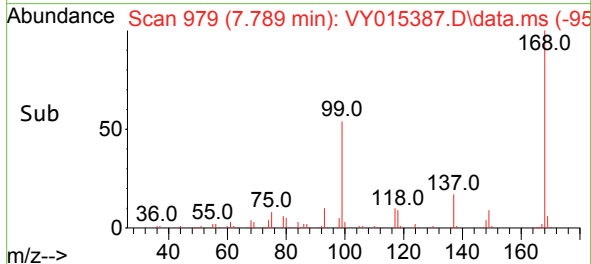


#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

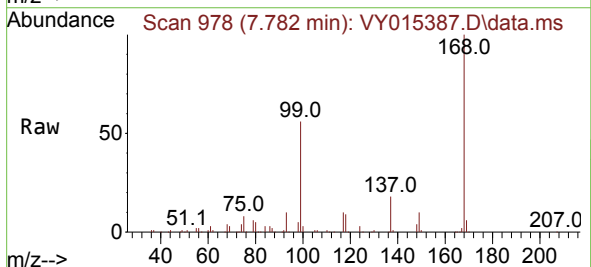
Instrument :
MSVOA_Y
ClientSampleId :



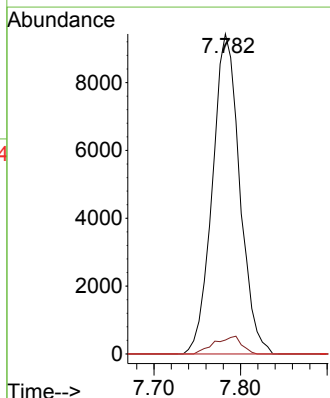
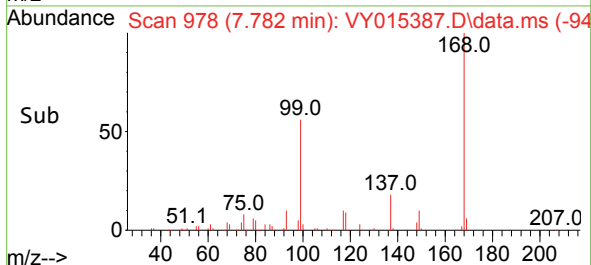
Tgt Ion: 75 Resp: 16435
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#

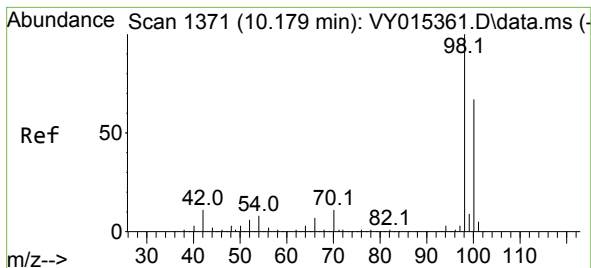


#38
Carbon Tetrachloride
Concen: 5.506 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00



Tgt Ion: 117 Resp: 20680
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

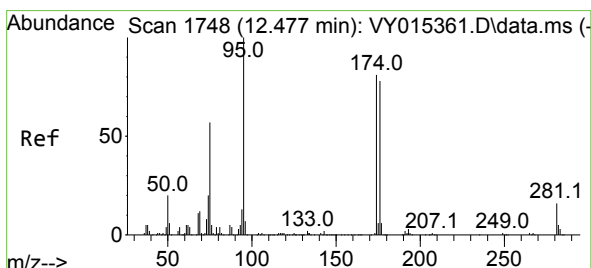
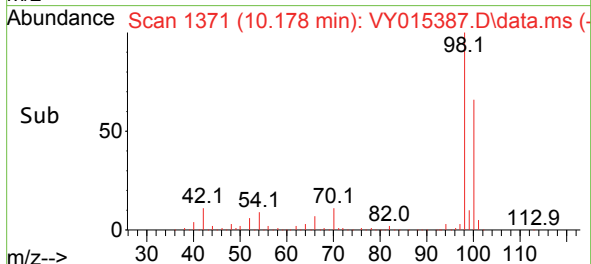
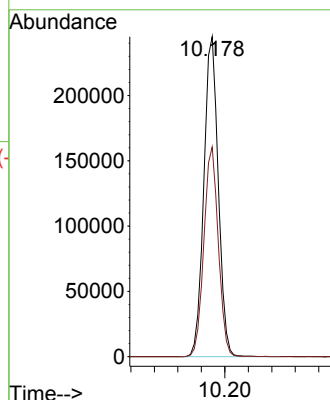
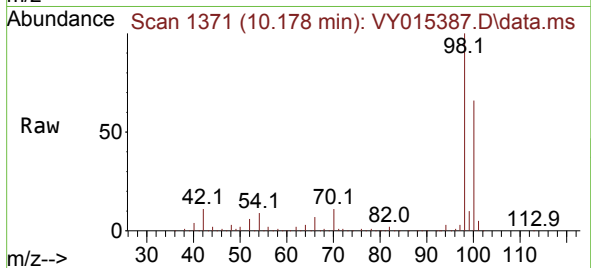




#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

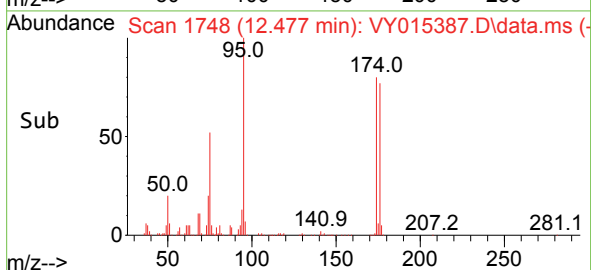
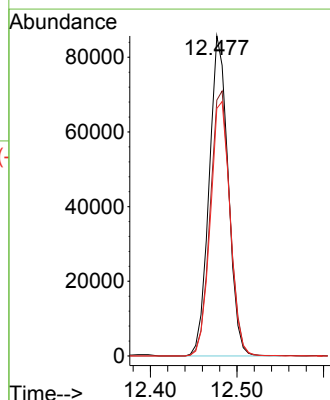
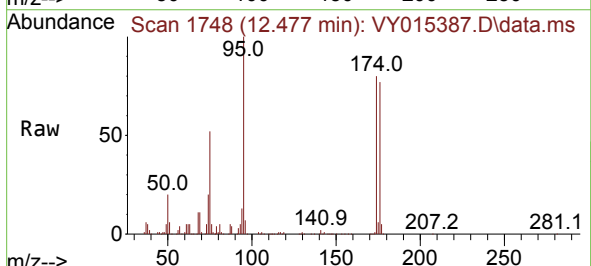
Instrument :
MSVOA_Y
ClientSampleId :

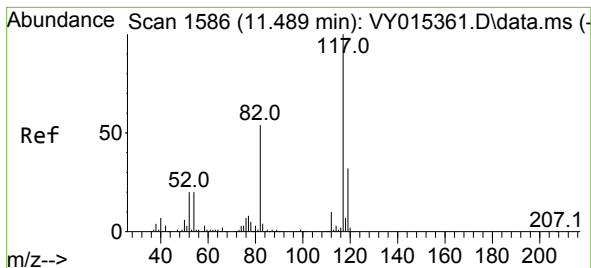
Tgt Ion: 98 Resp: 418527
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.999 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

Tgt Ion: 95 Resp: 130854
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

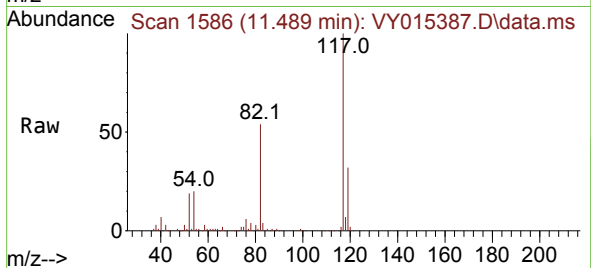
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Acq: 30 Aug 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :



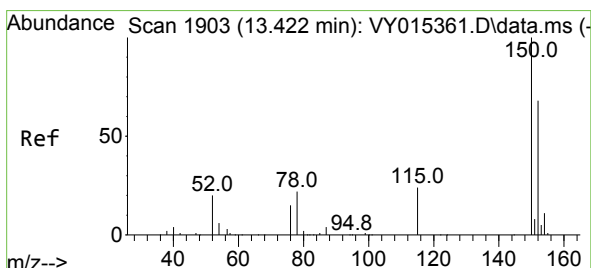
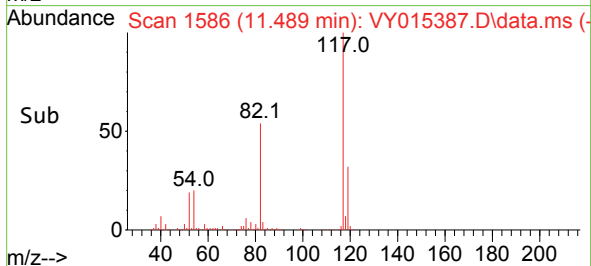
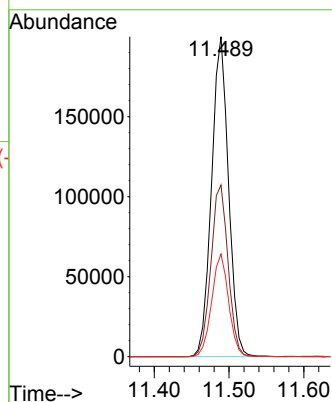
Tgt Ion:117 Resp: 315731

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.1 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: VY015387.D

Acq: 30 Aug 2023 19:00

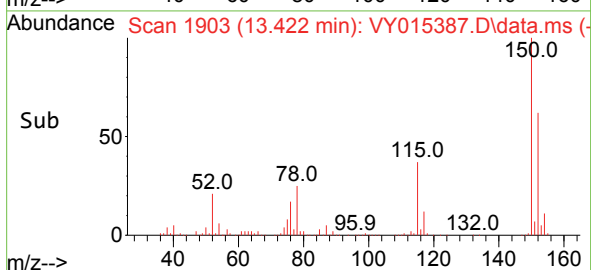
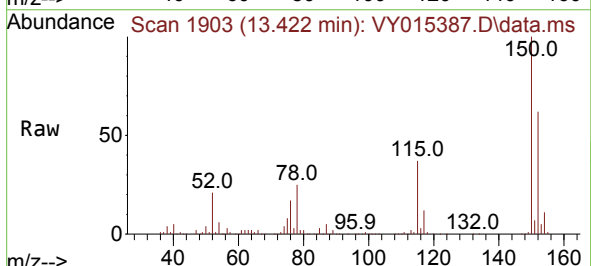
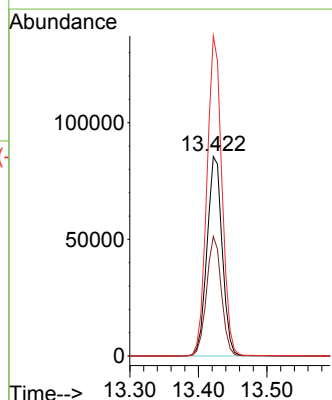
Tgt Ion:152 Resp: 131768

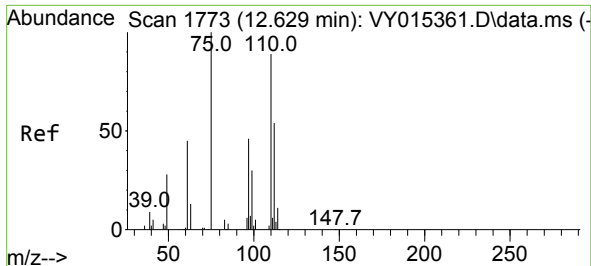
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.4 0.0 348.8

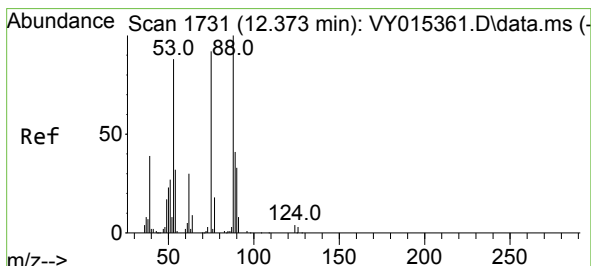
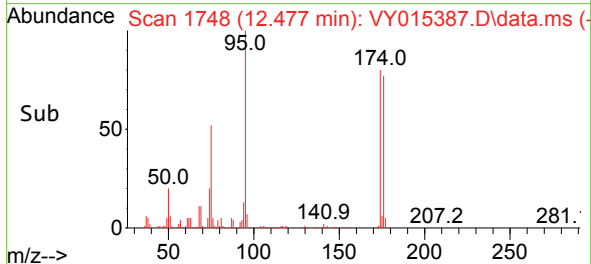
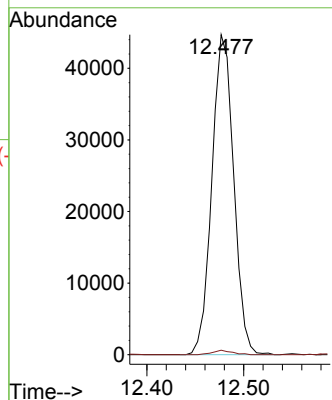
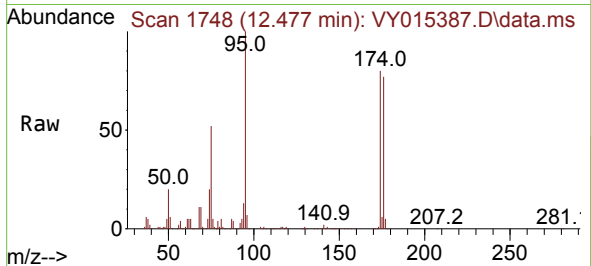




#76
1,2,3-Trichloropropane
Concen: 40.195 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69947
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.301 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015387.D
Acq: 30 Aug 2023 19:00

Tgt Ion: 75 Resp: 69947
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

