

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014857.D
 Acq On : 26 Jul 2023 18:15
 Operator : SY/MD
 Sample : 03686-01
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:11:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

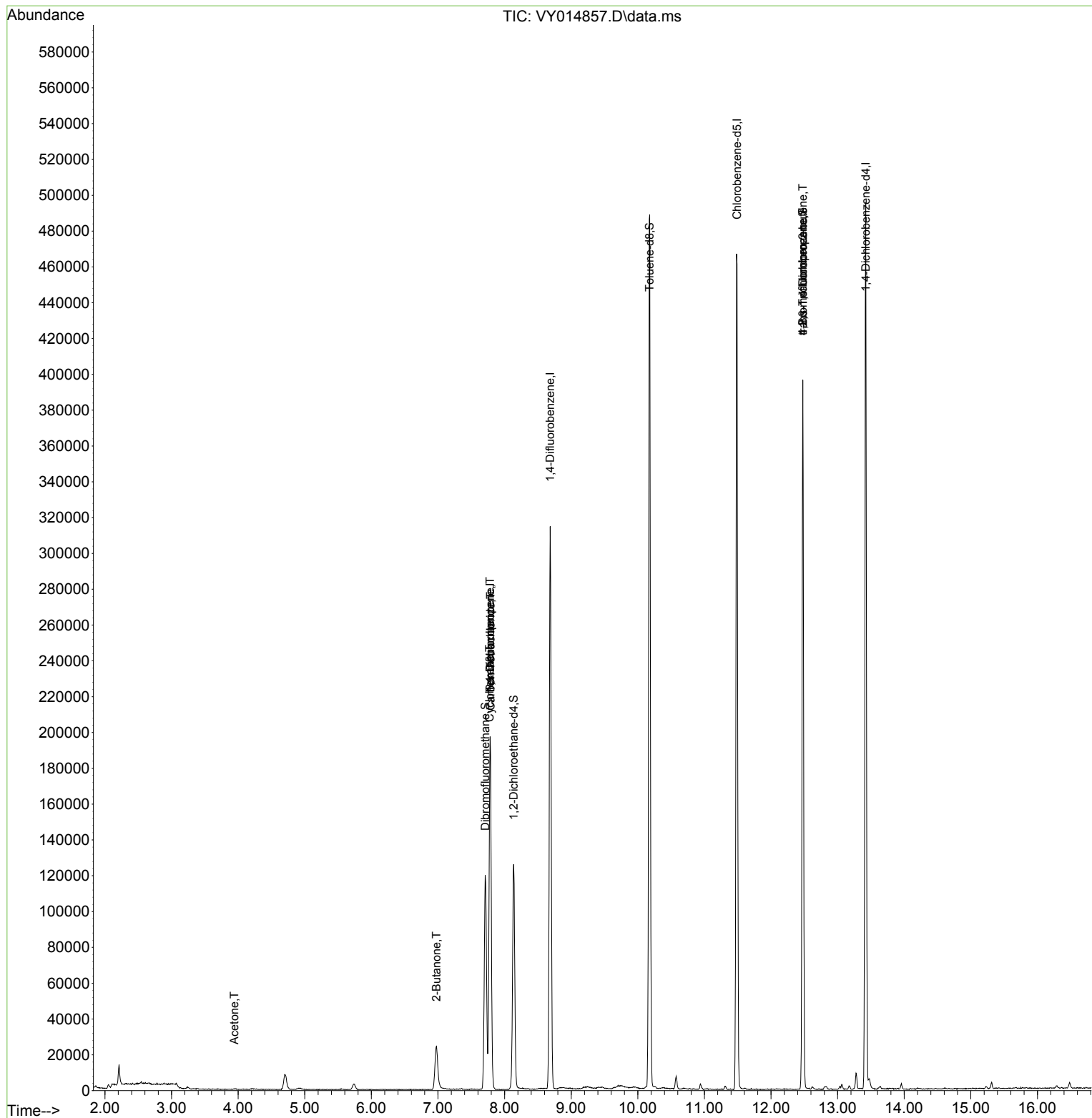
Internal Standards						
1) Pentafluorobenzene	7.783	168	154208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97547	55.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.710	113	85011	49.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.179	98	321667	50.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	118371	48.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	886	Below Cal	#	89
16) Acetone	3.942	43	766	1.376	ug/l #	46
20) Methylene Chloride	4.710	84	6394	Below Cal	#	81
25) 2-Butanone	6.978	43	1440	1.768	ug/l #	81
31) Cyclohexane	7.777	56	3205	1.099	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	12632	4.907	ug/l #	49
38) Carbon Tetrachloride	7.789	117	15454	5.679	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62976	40.855	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62976	79.102	ug/l #	11

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

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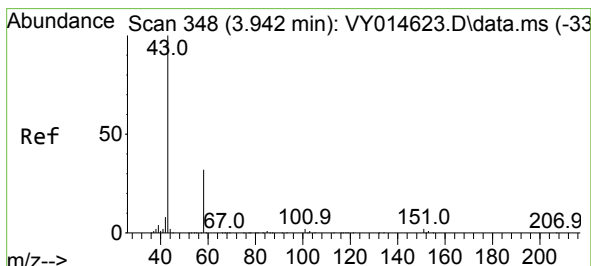
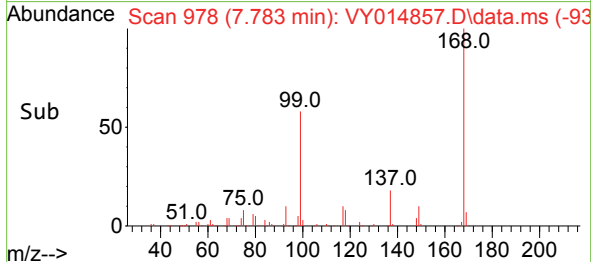
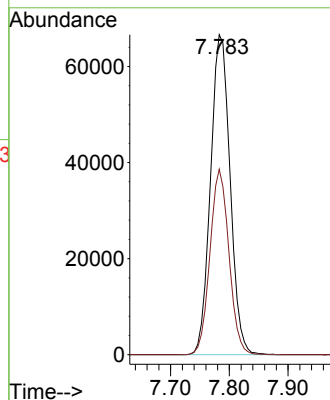
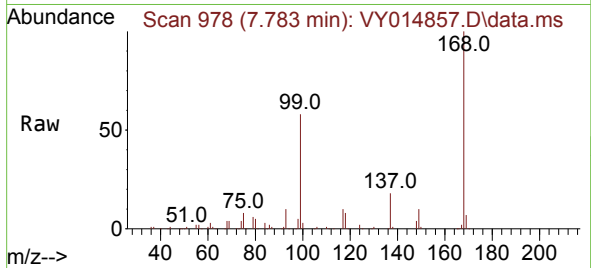




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

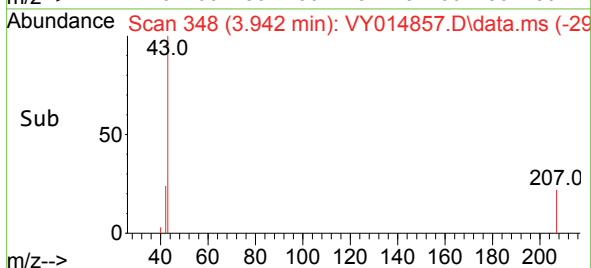
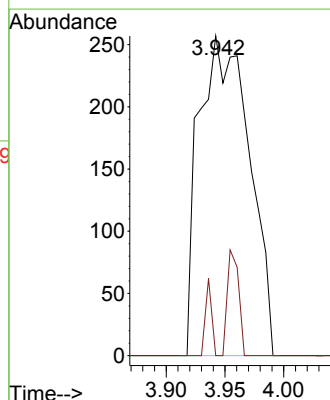
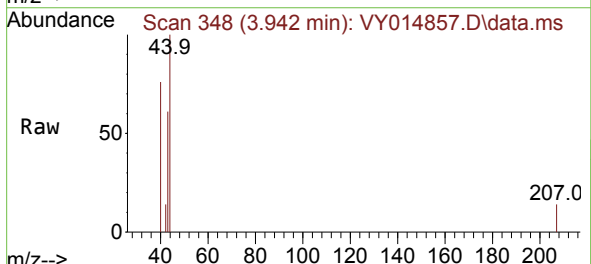
Instrument :
MSVOA_Y
ClientSampleId :

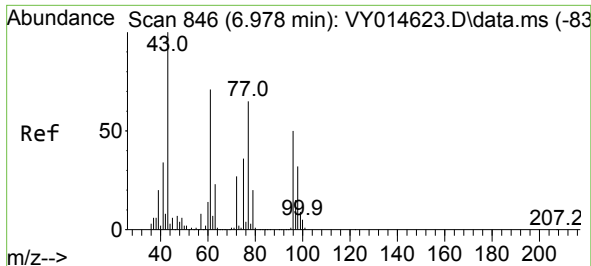
Tgt Ion:168 Resp: 154208
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#16
Acetone
Concen: 1.376 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

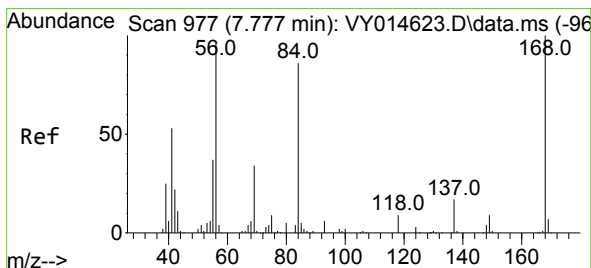
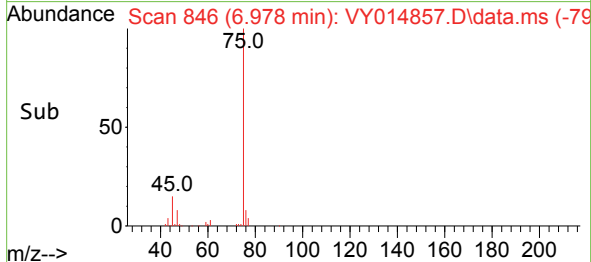
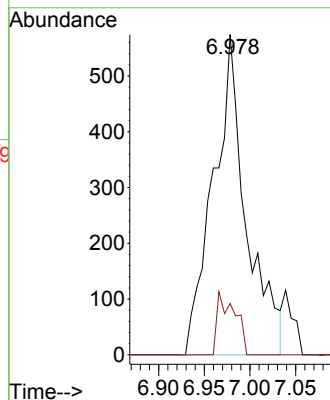
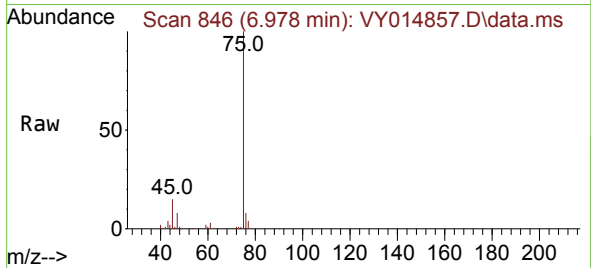




#25
2-Butanone
Concen: 1.768 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

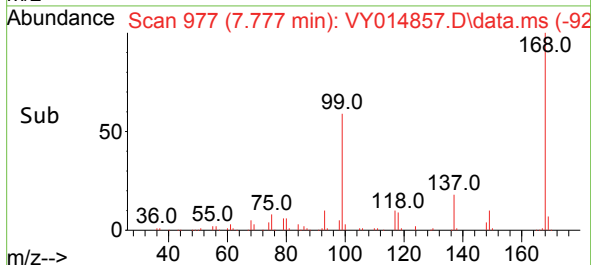
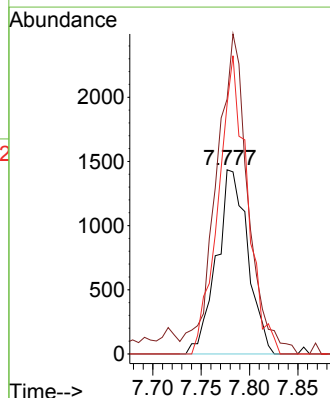
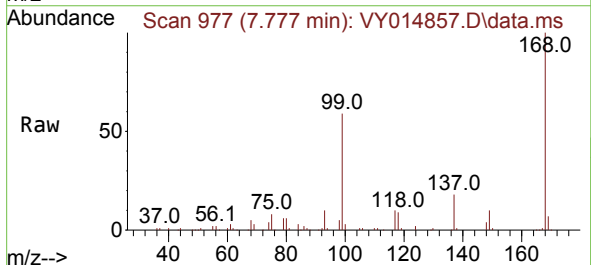
Instrument :
MSVOA_Y
ClientSampleId :

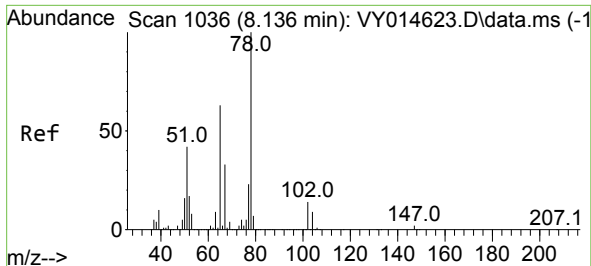
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
72 16.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 56 Resp: 3205
Ion Ratio Lower Upper
56 100
69 132.3 27.8 41.6#
84 135.5 66.4 99.6#



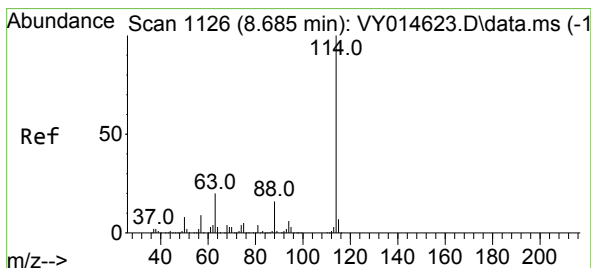
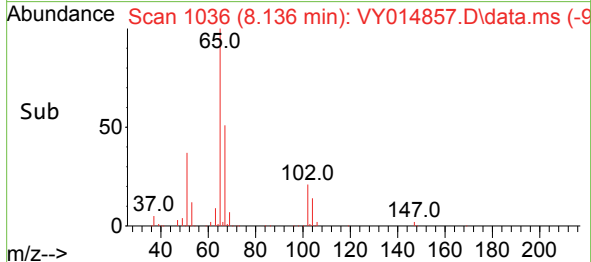
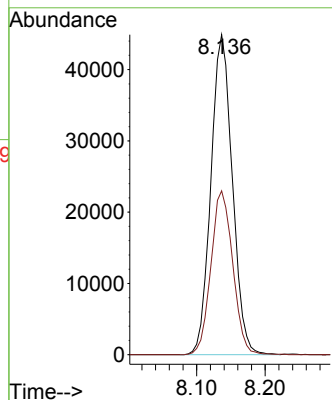
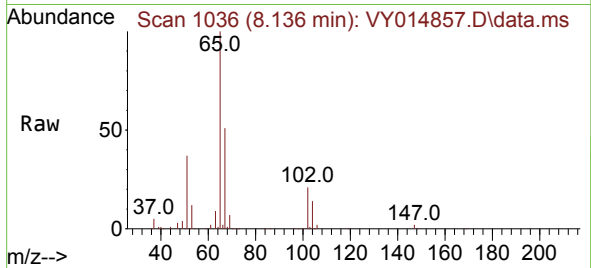


#33
 1,2-Dichloroethane-d4
 Concen: 55.511 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014857.D
 Acq: 26 Jul 2023 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 97547

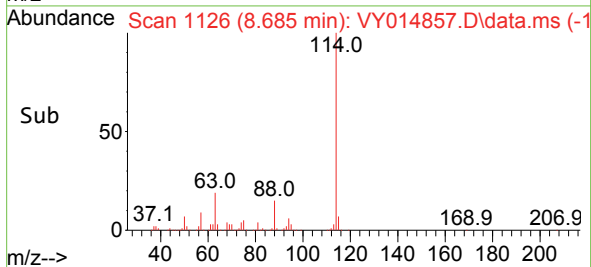
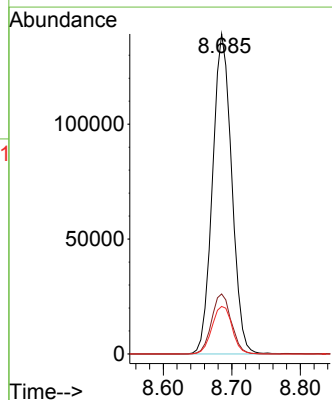
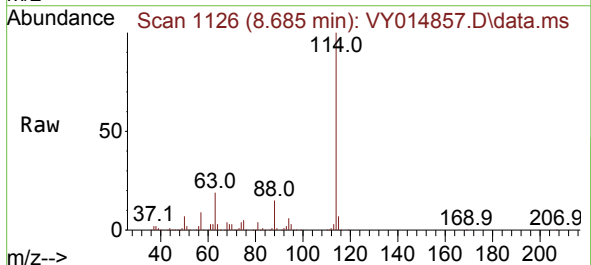
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.8

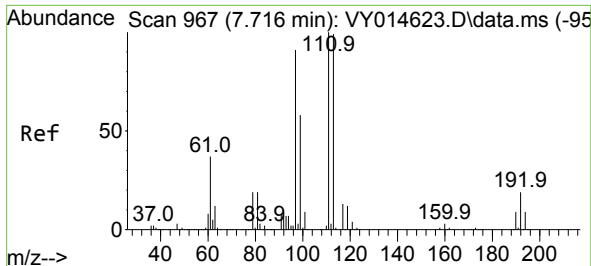


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014857.D
 Acq: 26 Jul 2023 18:15

Tgt Ion: 114 Resp: 270435

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	14.8	0.0	30.6

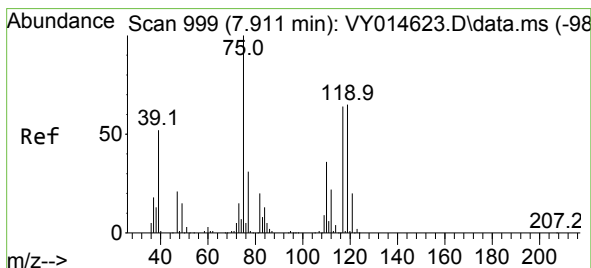
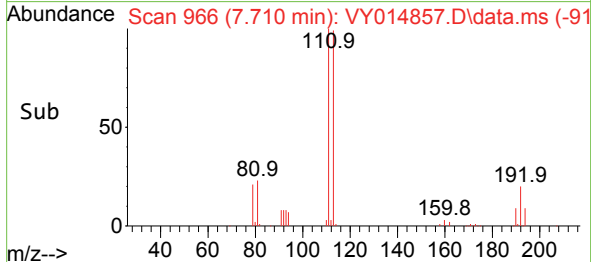
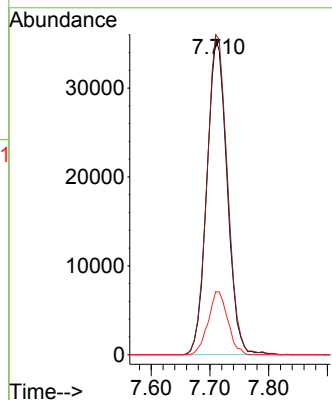
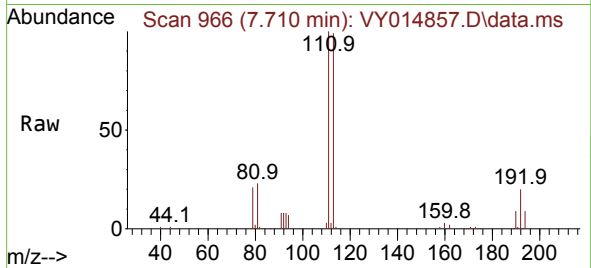




#35
 Dibromofluoromethane
 Concen: 49.381 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY014857.D
 Acq: 26 Jul 2023 18:15

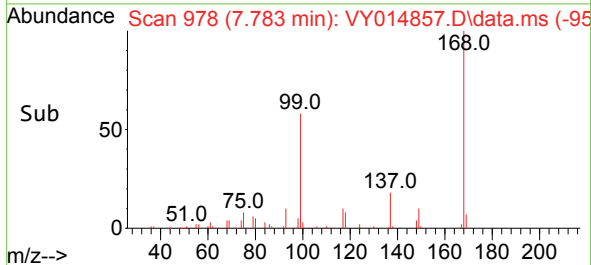
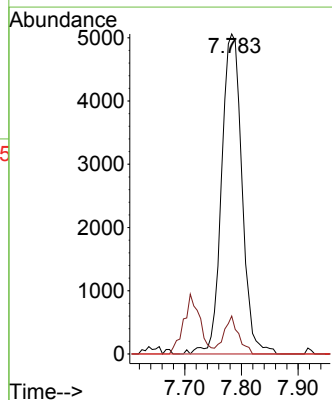
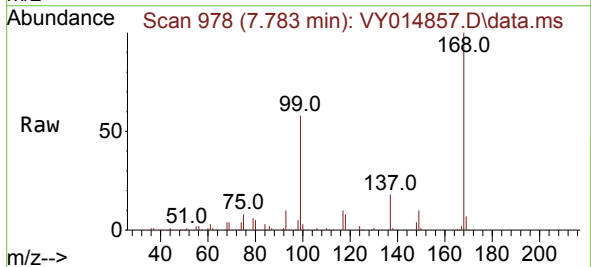
Instrument :
 MSVOA_Y
 ClientSampleId :

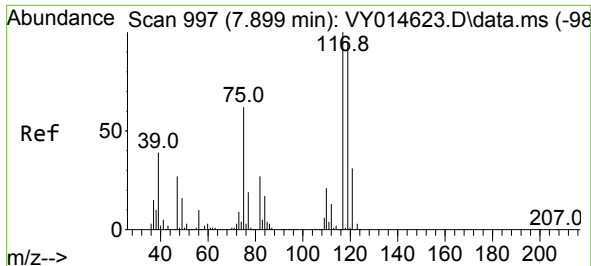
Tgt Ion:113	Resp:	85011
Ion	Ratio	Lower Upper
113	100	
111	103.1	81.3 121.9
192	19.3	16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY014857.D
 Acq: 26 Jul 2023 18:15

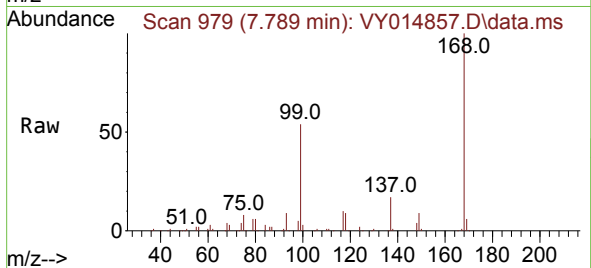
Tgt Ion: 75	Resp:	12632
Ion	Ratio	Lower Upper
75	100	
110	8.4	17.8 53.5#
77	0.0	24.4 36.6#



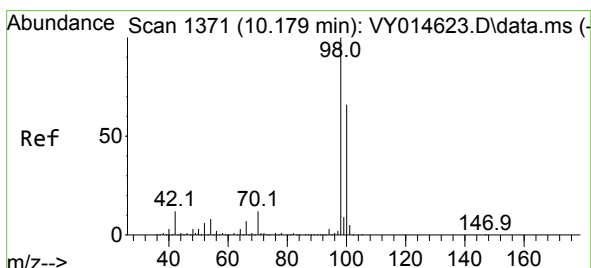
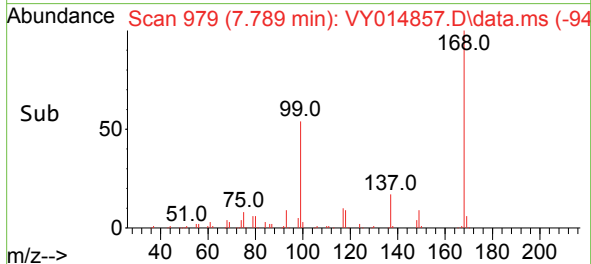
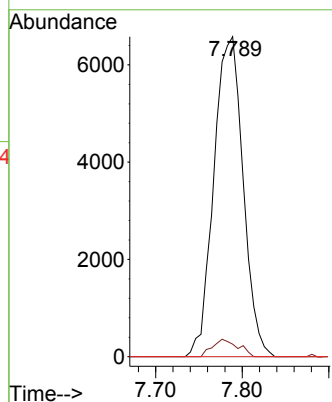


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :

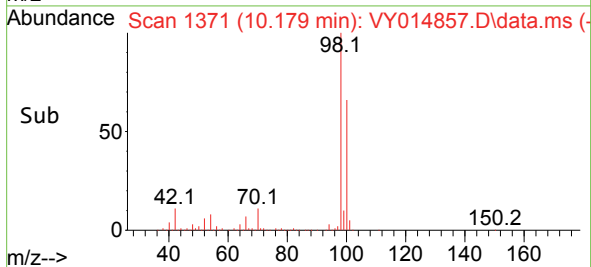
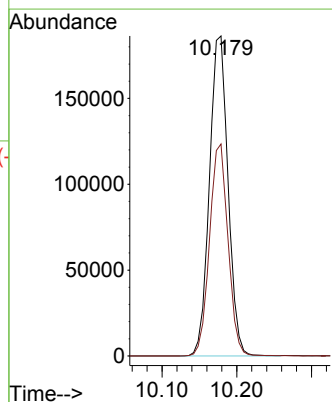
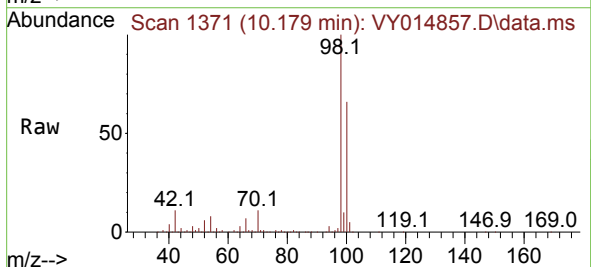


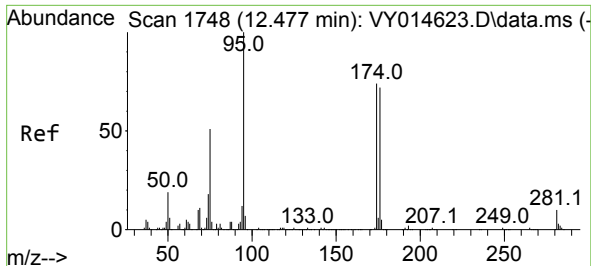
Tgt Ion:117 Resp: 15454
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 98 Resp: 321667
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

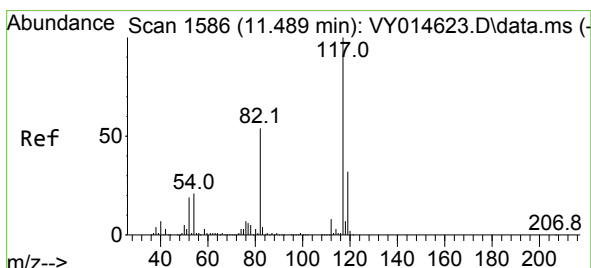
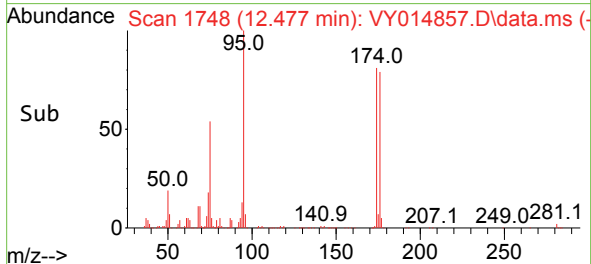
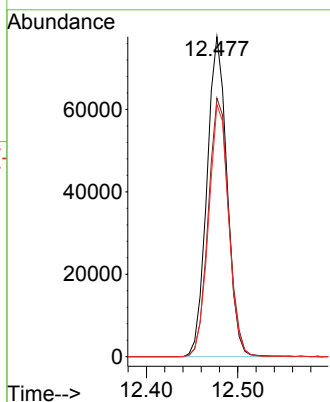
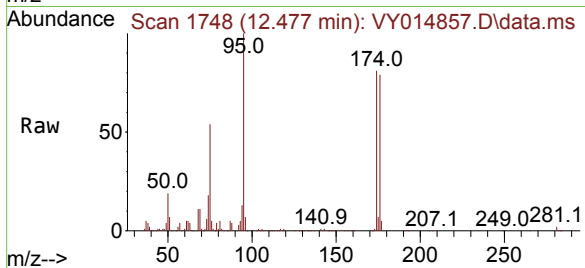




#62
4-Bromofluorobenzene
Concen: 48.639 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

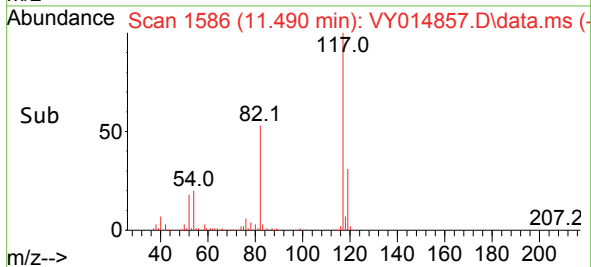
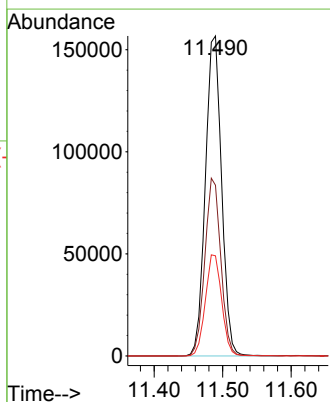
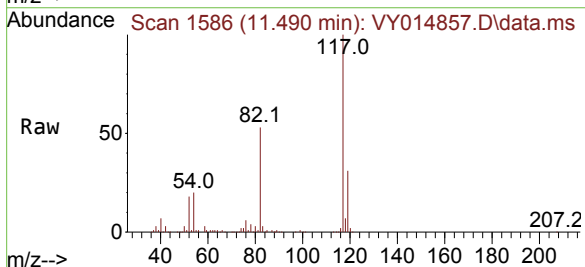
Instrument :
MSVOA_Y
ClientSampleId :

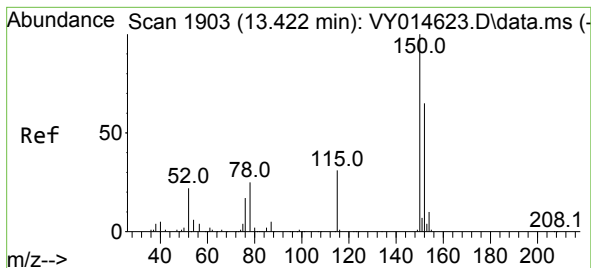
Tgt Ion: 95 Resp: 118371
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 78.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 117 Resp: 257860
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.3 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: VY014857.D

Acq: 26 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

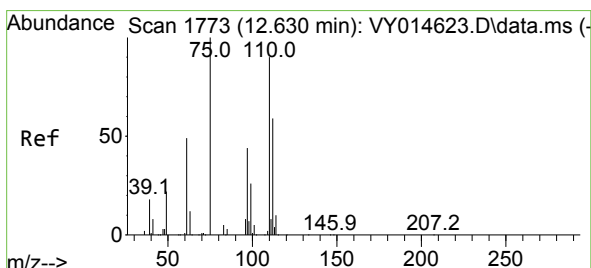
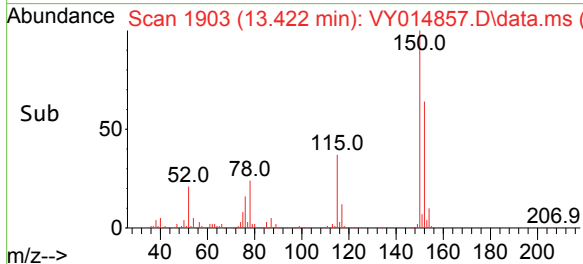
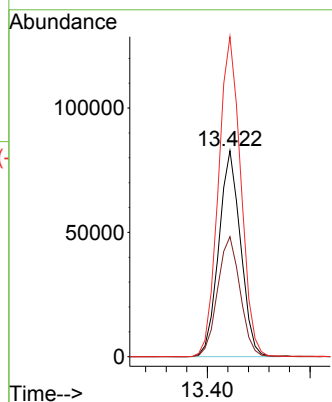
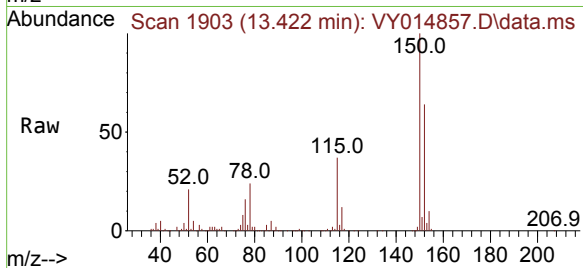
Tgt Ion:152 Resp: 122050

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

150 159.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.855 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014857.D

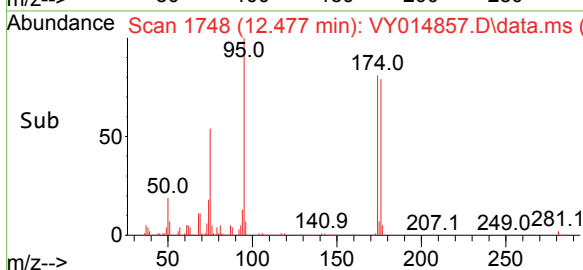
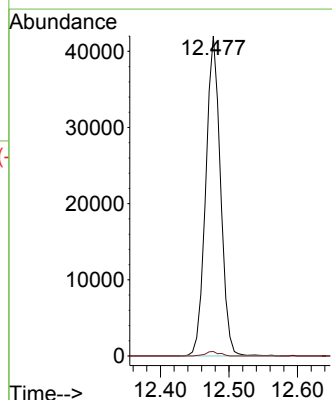
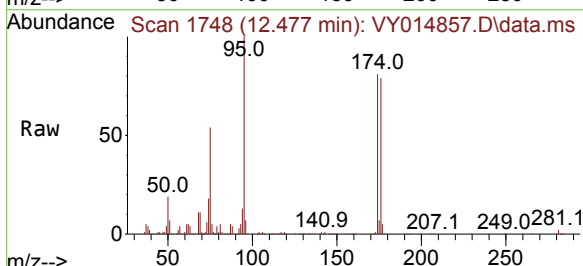
Acq: 26 Jul 2023 18:15

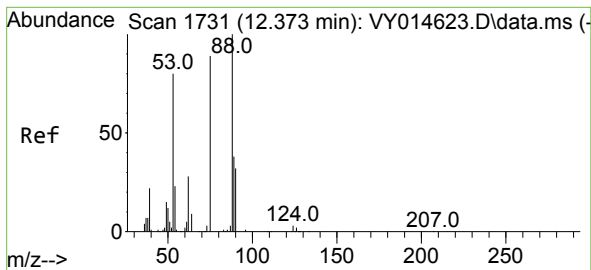
Tgt Ion: 75 Resp: 62976

Ion Ratio Lower Upper

75 100

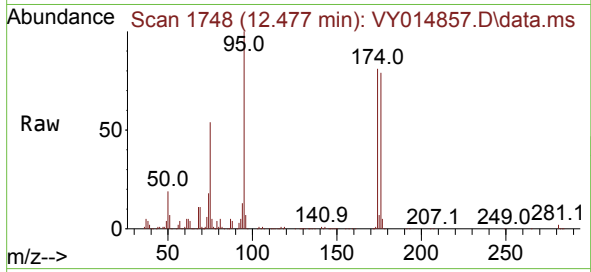
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.102 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014857.D
 Acq: 26 Jul 2023 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62976
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

