

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015518.D
 Acq On : 12 Sep 2023 19:22
 Operator : SY/MD
 Sample : 04394-05
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:56:37 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)

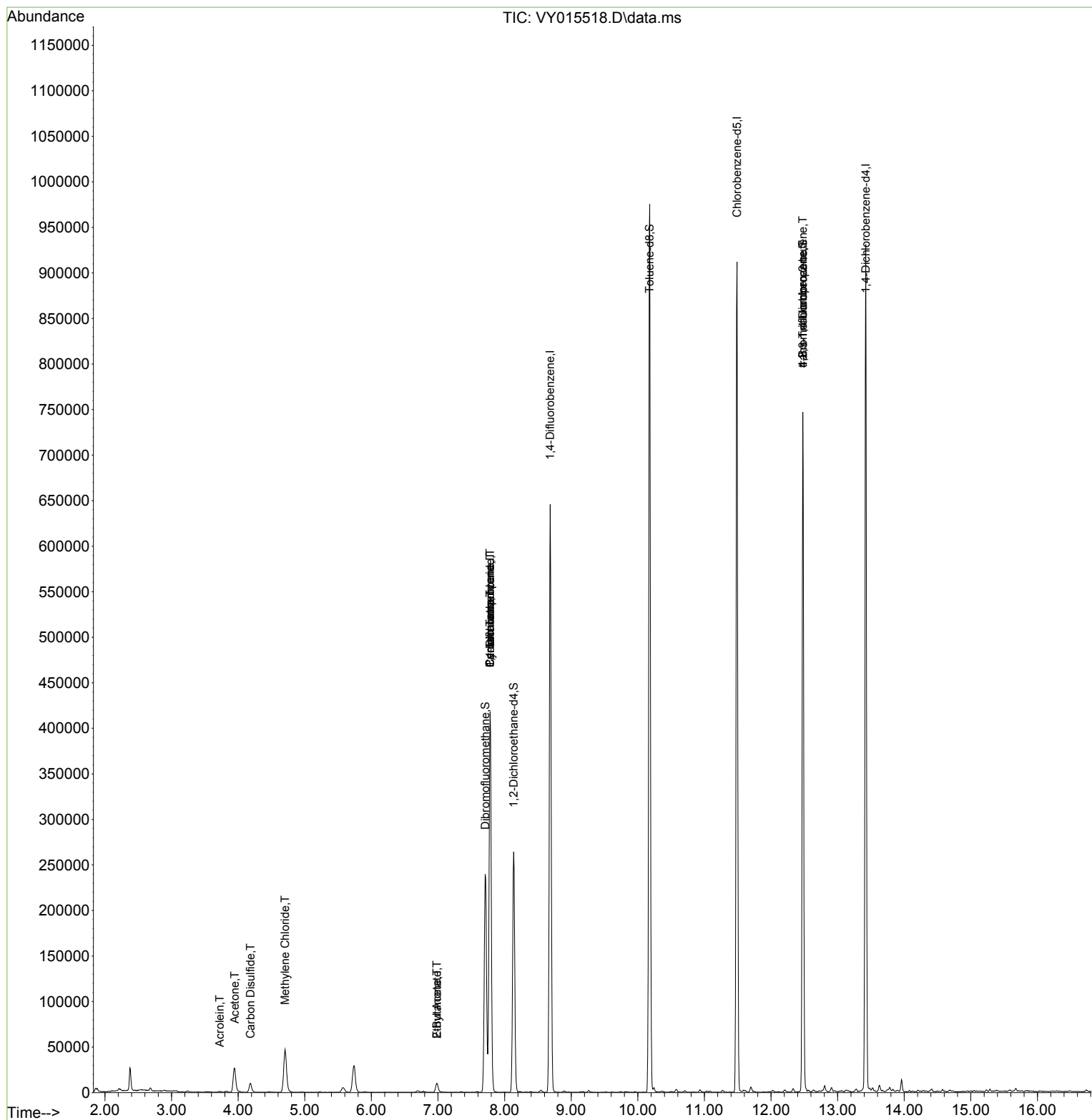
Internal Standards						
1) Pentafluorobenzene	7.783	168	328000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	548251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	493824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	231999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205298	58.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.780%	
35) Dibromofluoromethane	7.710	113	170965	54.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.179	98	637359	55.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.477	95	218773	51.533	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.060%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	371	Below Cal	#	89
13) Acrolein	3.723	56	1211	12.828	ug/l	89
16) Acetone	3.948	43	48248	32.875	ug/l	98
17) Carbon Disulfide	4.186	76	19530	2.004	ug/l	99
20) Methylene Chloride	4.704	84	35341	1.623	ug/l	91
25) 2-Butanone	6.984	43	17071	8.201	ug/l	96
31) Cyclohexane	7.783	56	6842	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24904	4.491	ug/l #	51
37) Ethyl Acetate	6.984	43	17071	3.992	ug/l #	71
38) Carbon Tetrachloride	7.783	117	32175	5.618	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	117256	38.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	117256	84.073	ug/l #	10

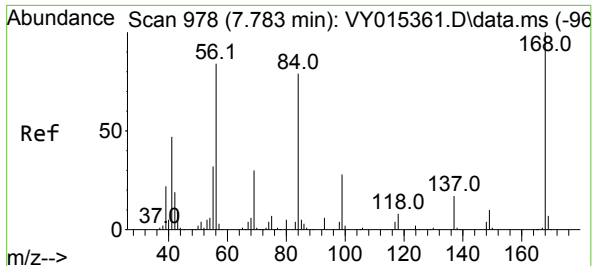
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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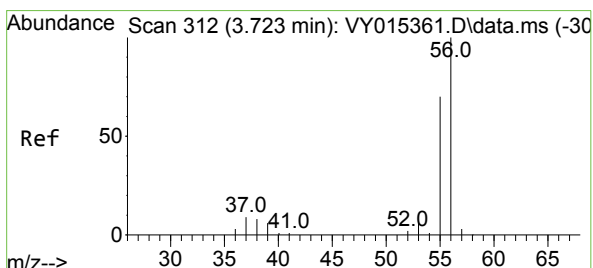
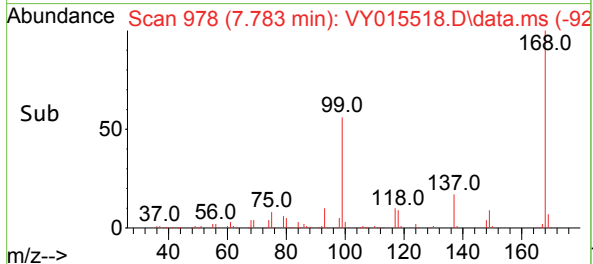
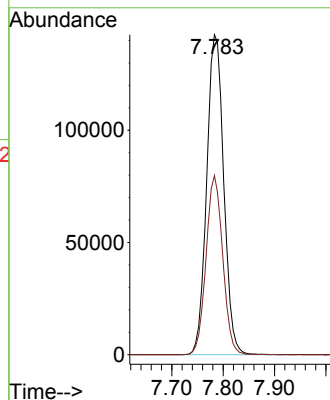
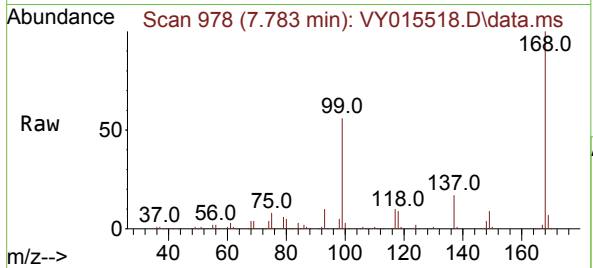




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

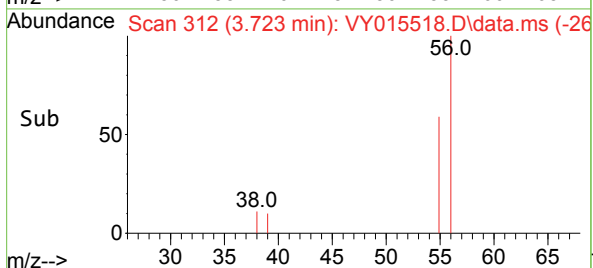
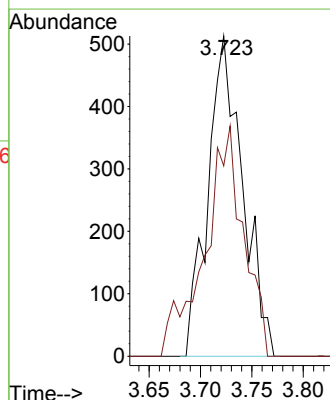
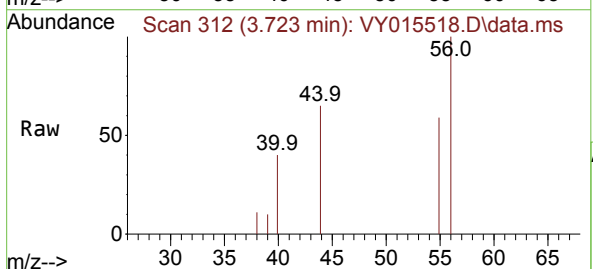
Instrument :
MSVOA_Y
ClientSampleId :

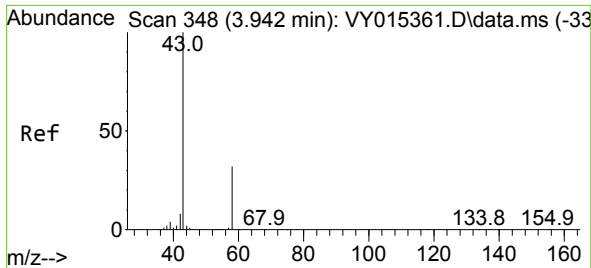
Tgt Ion:168 Resp: 328000
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#13
Acrolein
Concen: 12.828 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 56 Resp: 1211
Ion Ratio Lower Upper
56 100
55 80.2 57.0 85.4





#16

Acetone

Concen: 32.875 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015518.D

Acq: 12 Sep 2023 19:22

Instrument :

MSVOA_Y

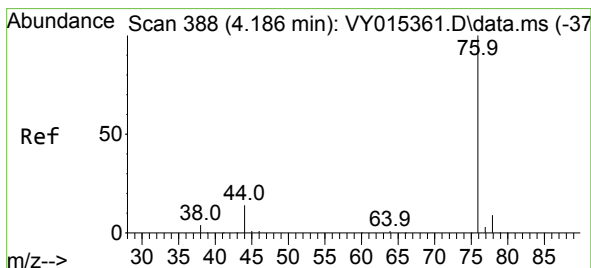
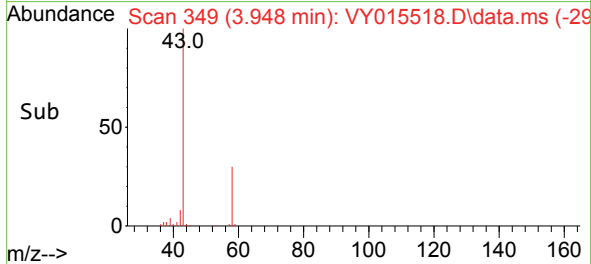
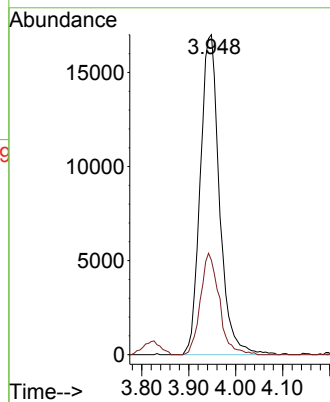
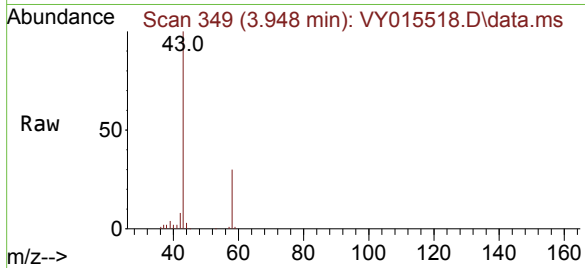
ClientSampleId :

Tgt Ion: 43 Resp: 48248

Ion Ratio Lower Upper

43 100

58 29.5 22.7 34.1



#17

Carbon Disulfide

Concen: 2.004 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015518.D

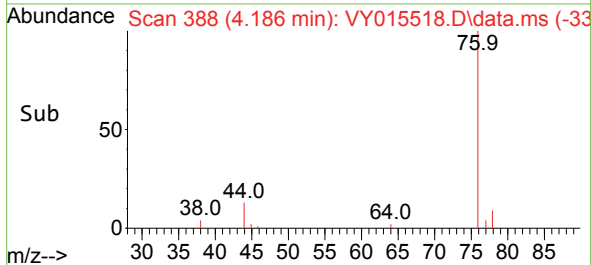
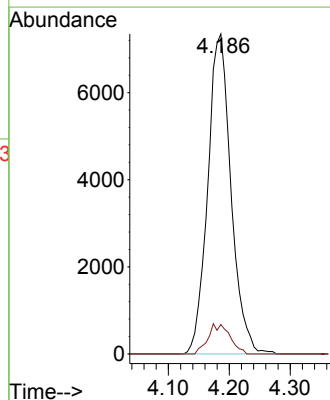
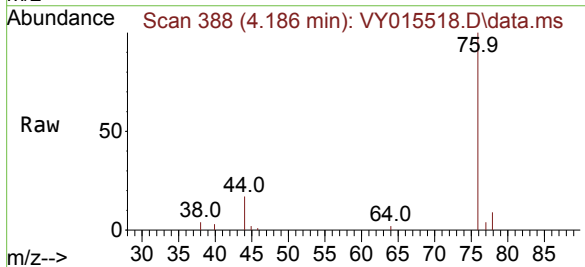
Acq: 12 Sep 2023 19:22

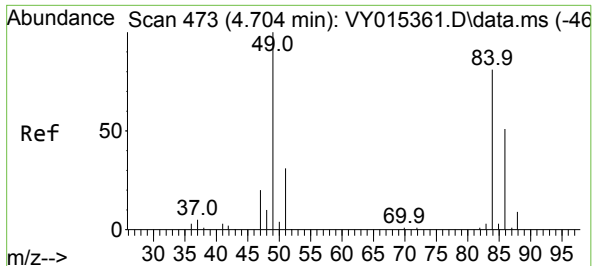
Tgt Ion: 76 Resp: 19530

Ion Ratio Lower Upper

76 100

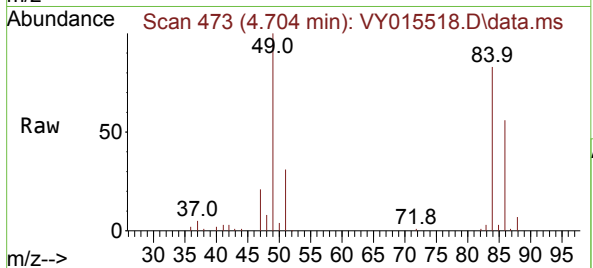
78 9.2 7.0 10.4



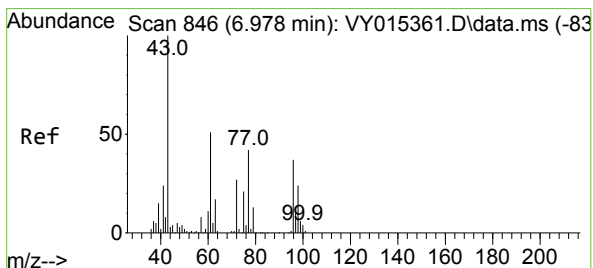
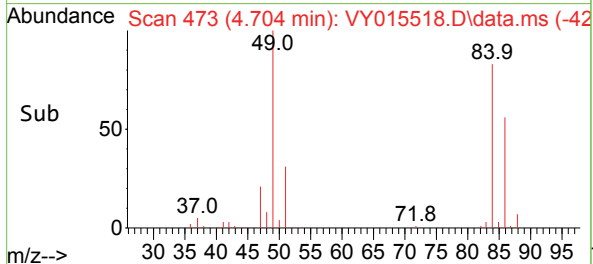
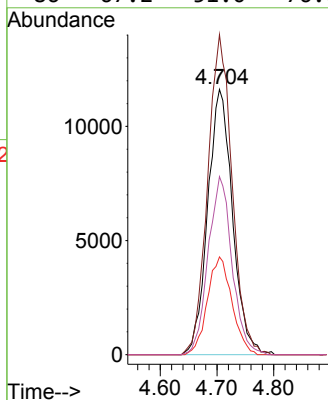


#20
Methylene Chloride
Concen: 1.623 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

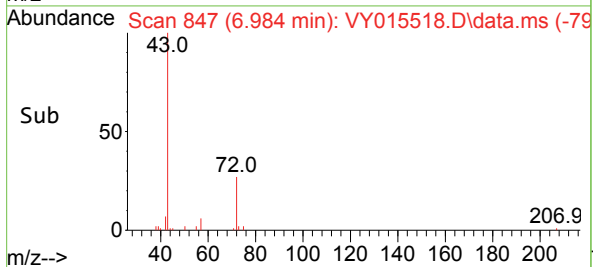
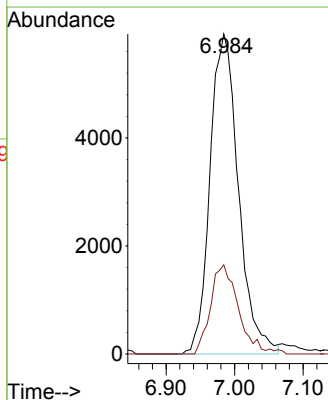
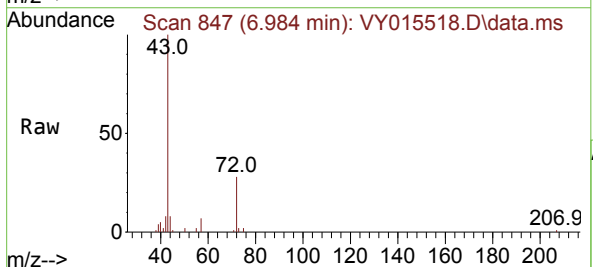


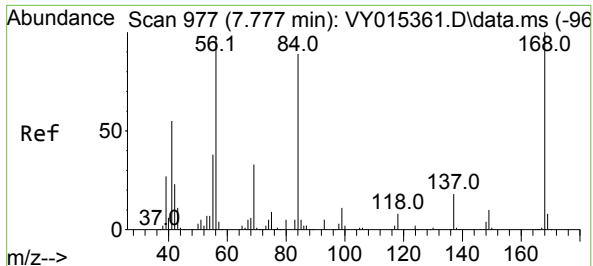
Tgt Ion:	84	Resp:	35341
Ion	Ratio	Lower	Upper
84	100		
49	120.6	106.9	160.3
51	36.8	33.2	49.8
86	67.2	51.0	76.6



#25
2-Butanone
Concen: 8.201 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

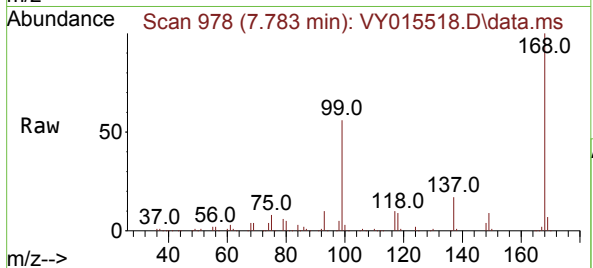
Tgt Ion:	43	Resp:	17071
Ion	Ratio	Lower	Upper
43	100		
72	27.8	20.5	30.7



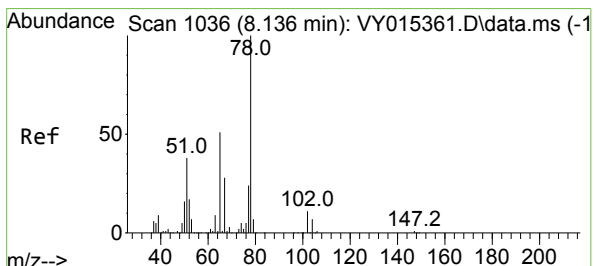
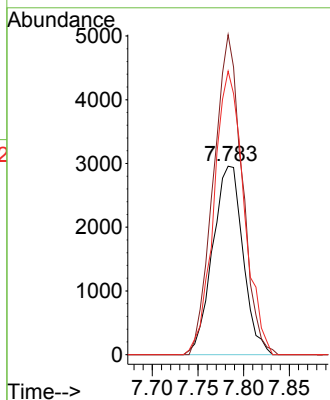
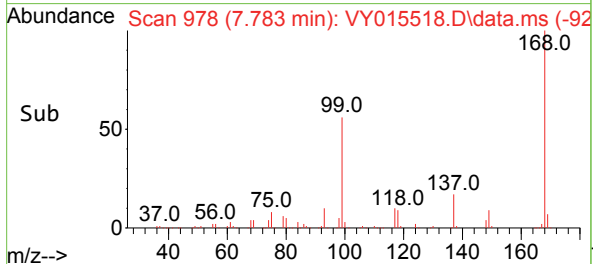


#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

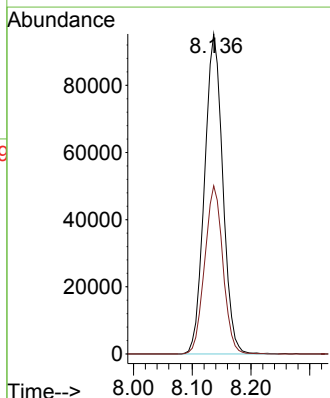
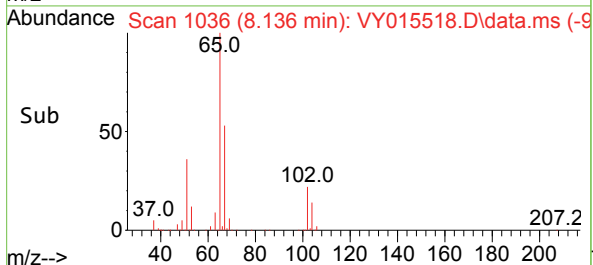
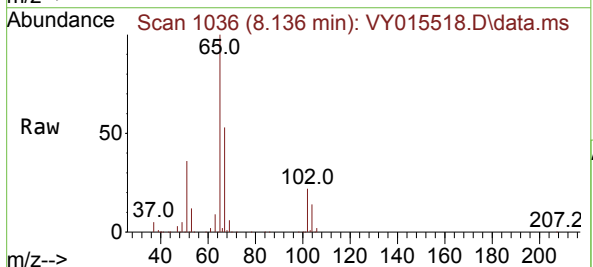


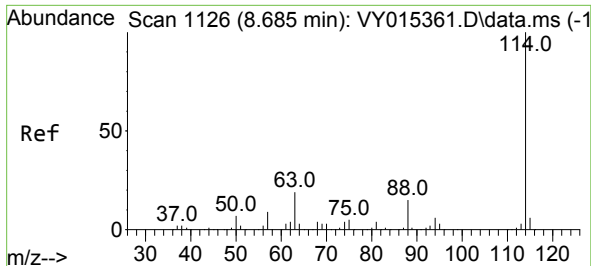
Tgt Ion: 56 Resp: 6842
Ion Ratio Lower Upper
56 100
69 169.8 27.8 41.6#
84 154.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.388 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 65 Resp: 205298
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

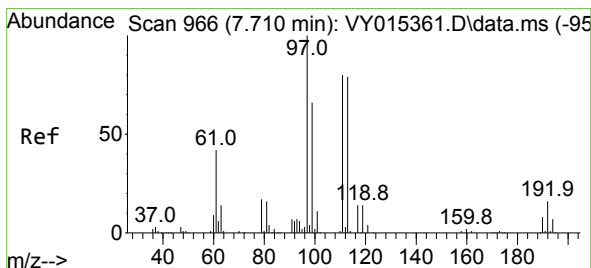
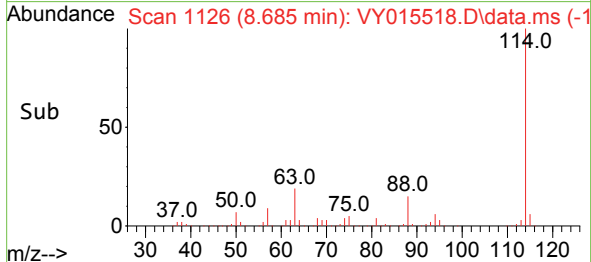
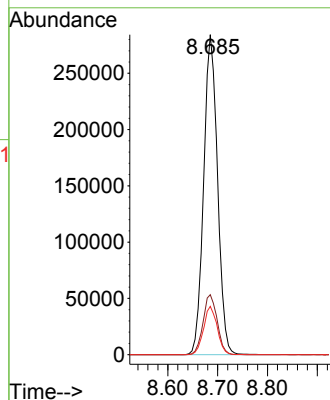
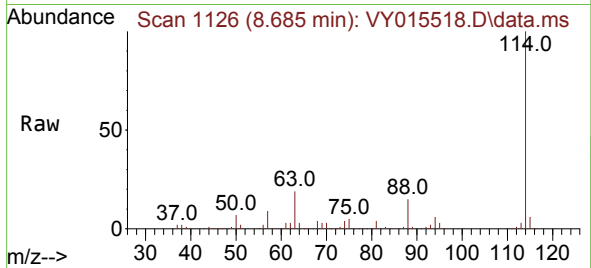




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

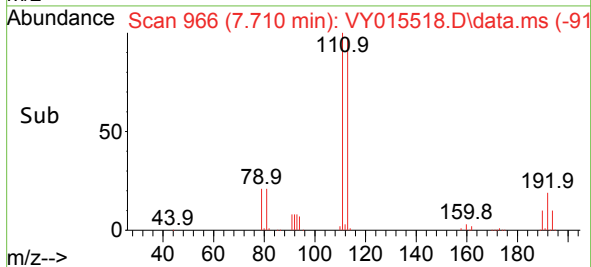
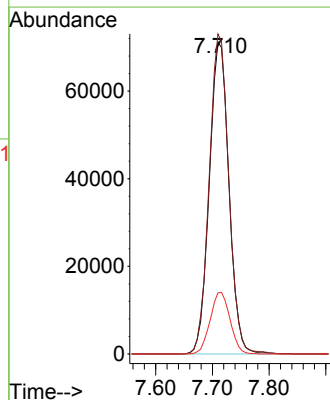
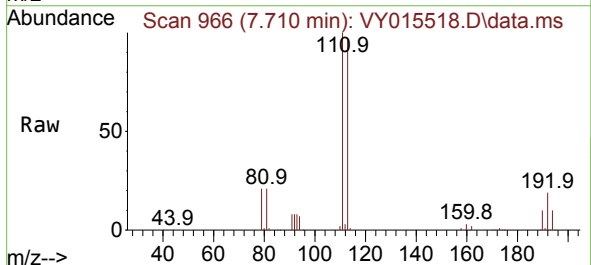
Instrument :
MSVOA_Y
ClientSampleId :

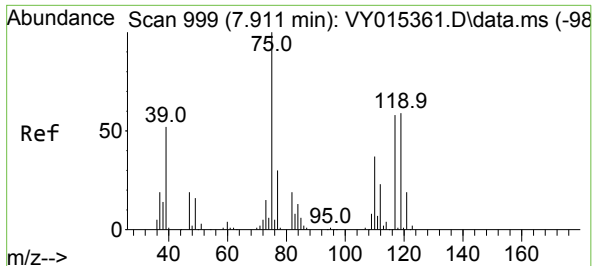
Tgt Ion:114 Resp: 548251
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.140 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

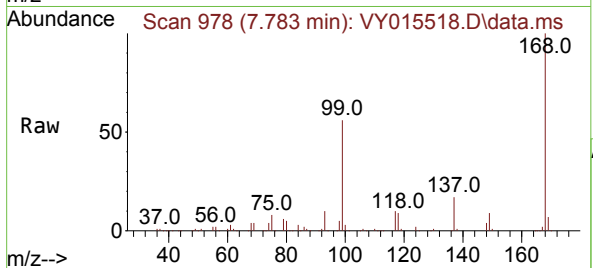
Tgt Ion:113 Resp: 170965
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.0 16.9 25.3



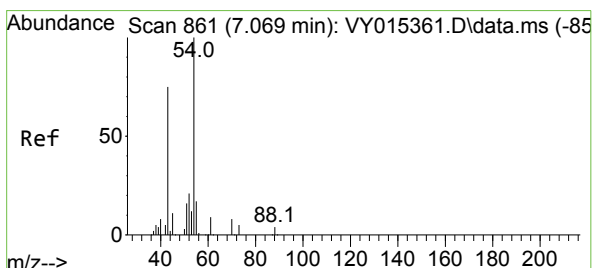
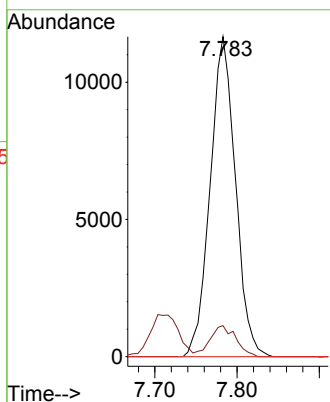
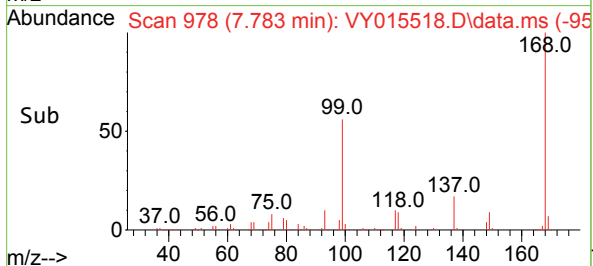


#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

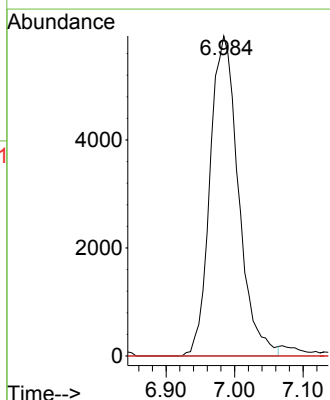
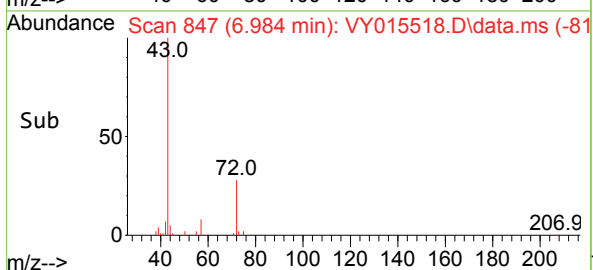
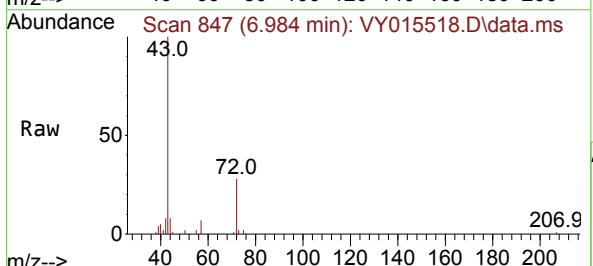


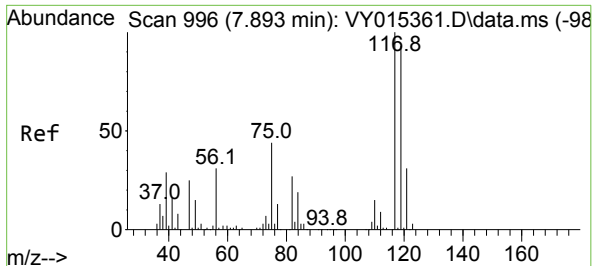
Tgt Ion: 75 Resp: 24904
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.992 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

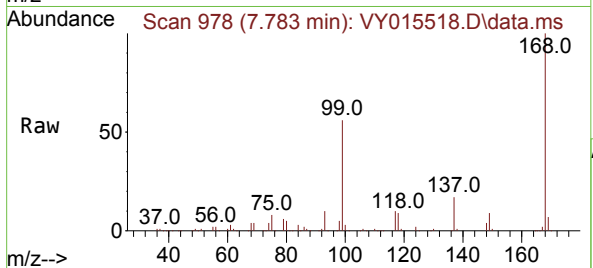
Tgt Ion: 43 Resp: 17071
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



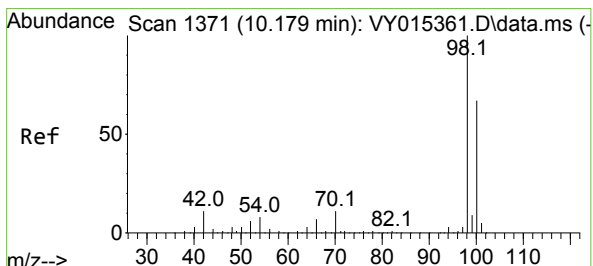
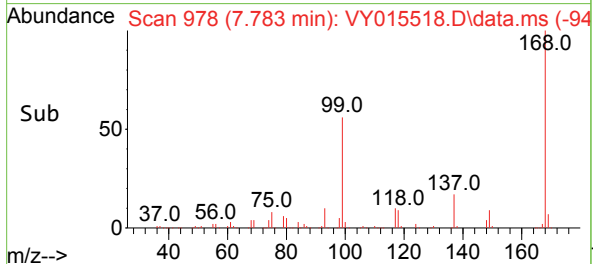
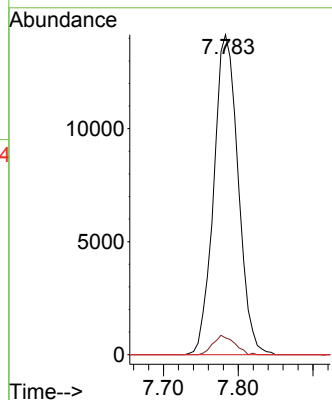


#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

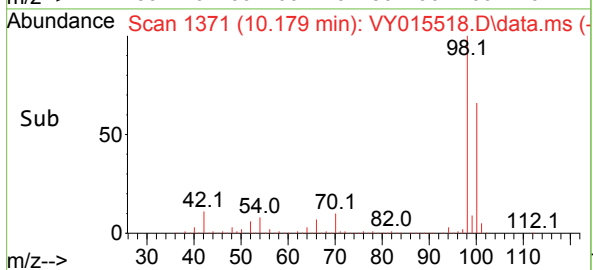
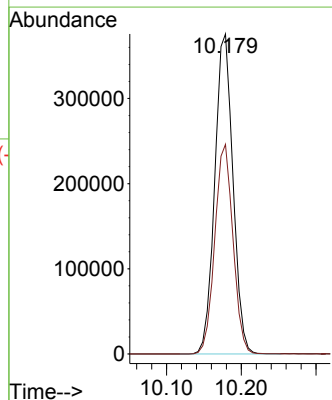
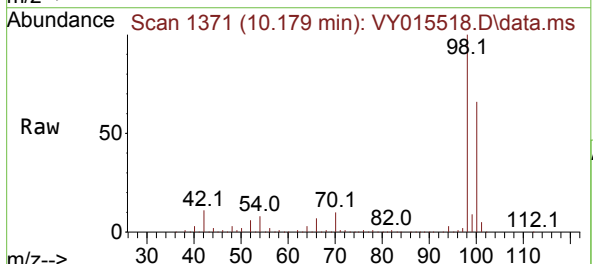


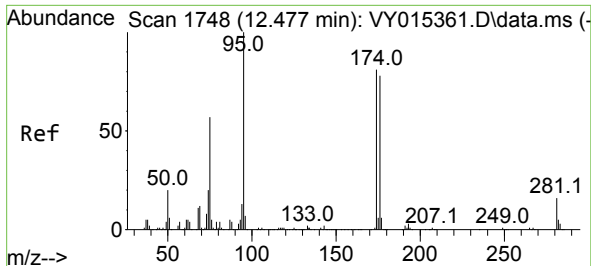
Tgt Ion:117 Resp: 32175
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

Tgt Ion: 98 Resp: 637359
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

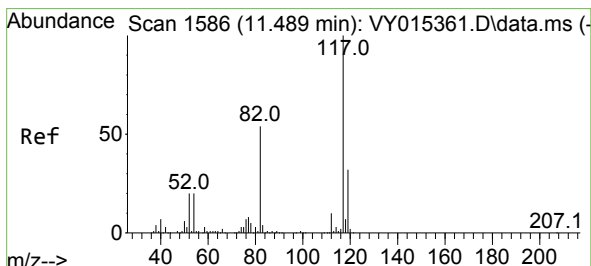
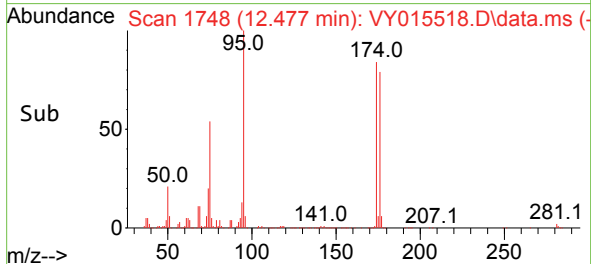
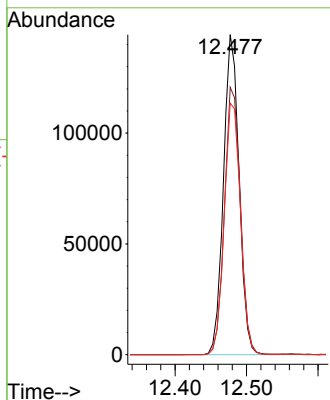
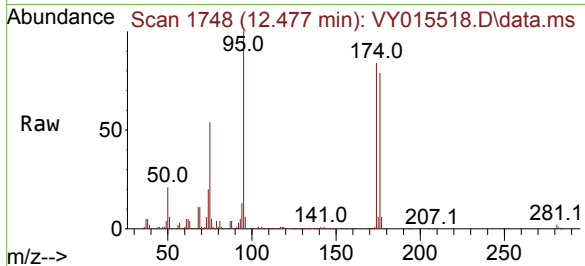




#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

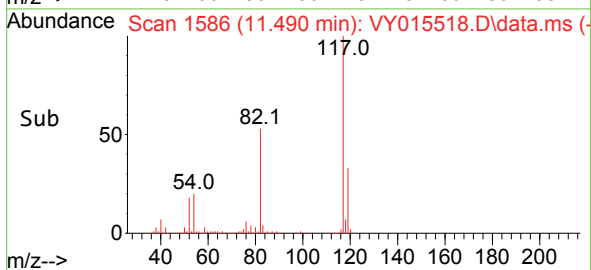
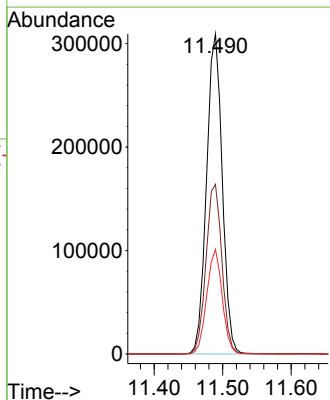
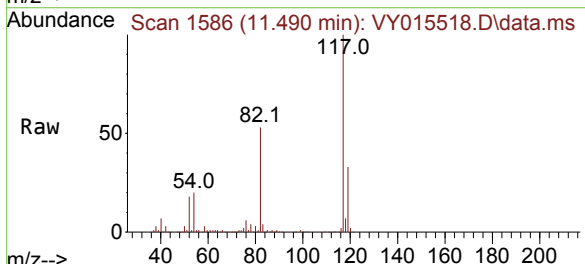
Instrument :
MSVOA_Y
ClientSampleId :

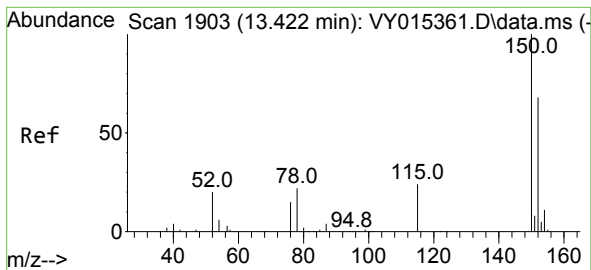
Tgt Ion: 95 Resp: 218773
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015518.D
Acq: 12 Sep 2023 19:22

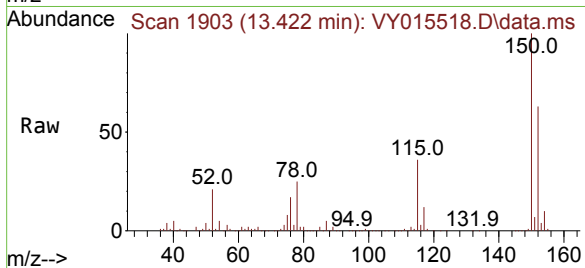
Tgt Ion: 117 Resp: 493824
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.7 26.3 39.5



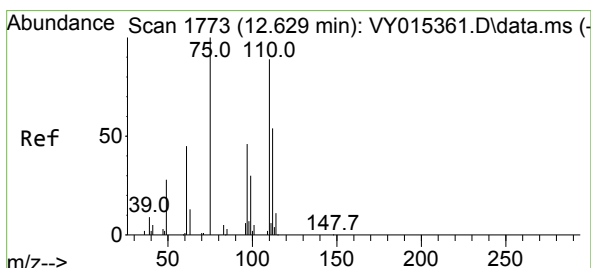
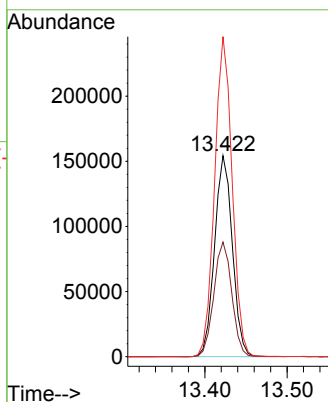
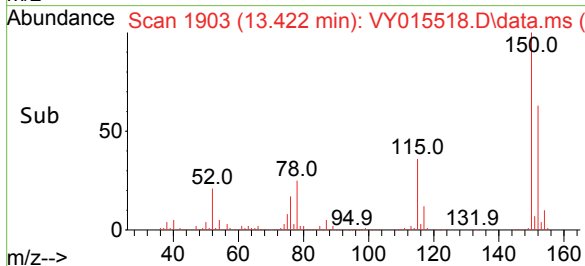


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015518.D
 Acq: 12 Sep 2023 19:22

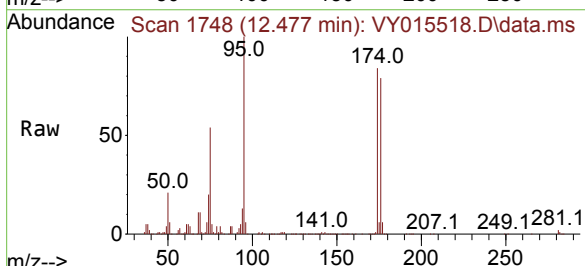
Instrument :
 MSVOA_Y
 ClientSampleId :



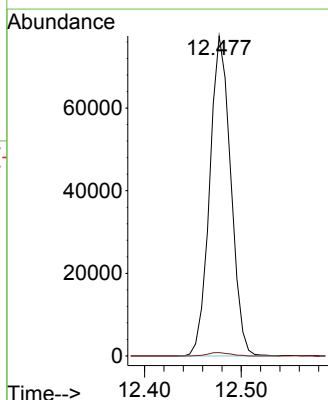
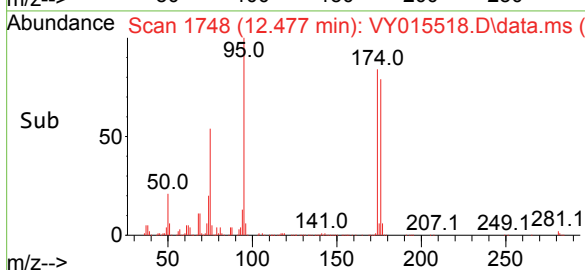
Tgt Ion:152 Resp: 231999
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 157.2 0.0 348.8

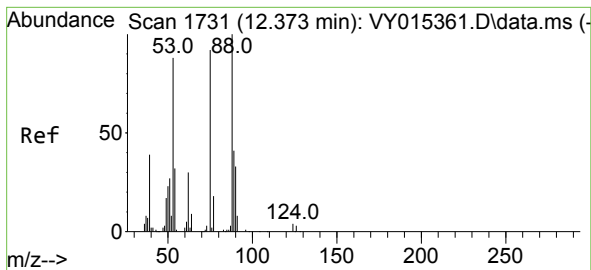


#76
 1,2,3-Trichloropropane
 Concen: 38.113 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015518.D
 Acq: 12 Sep 2023 19:22



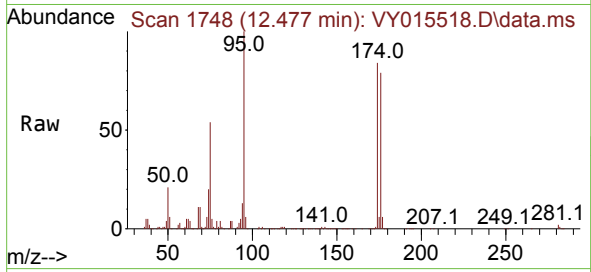
Tgt Ion: 75 Resp: 117256
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.073 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015518.D
 Acq: 12 Sep 2023 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 117256
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

