

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015382.D
 Acq On : 30 Aug 2023 17:01
 Operator : SY/MD
 Sample : 04217-01
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:02:29 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)

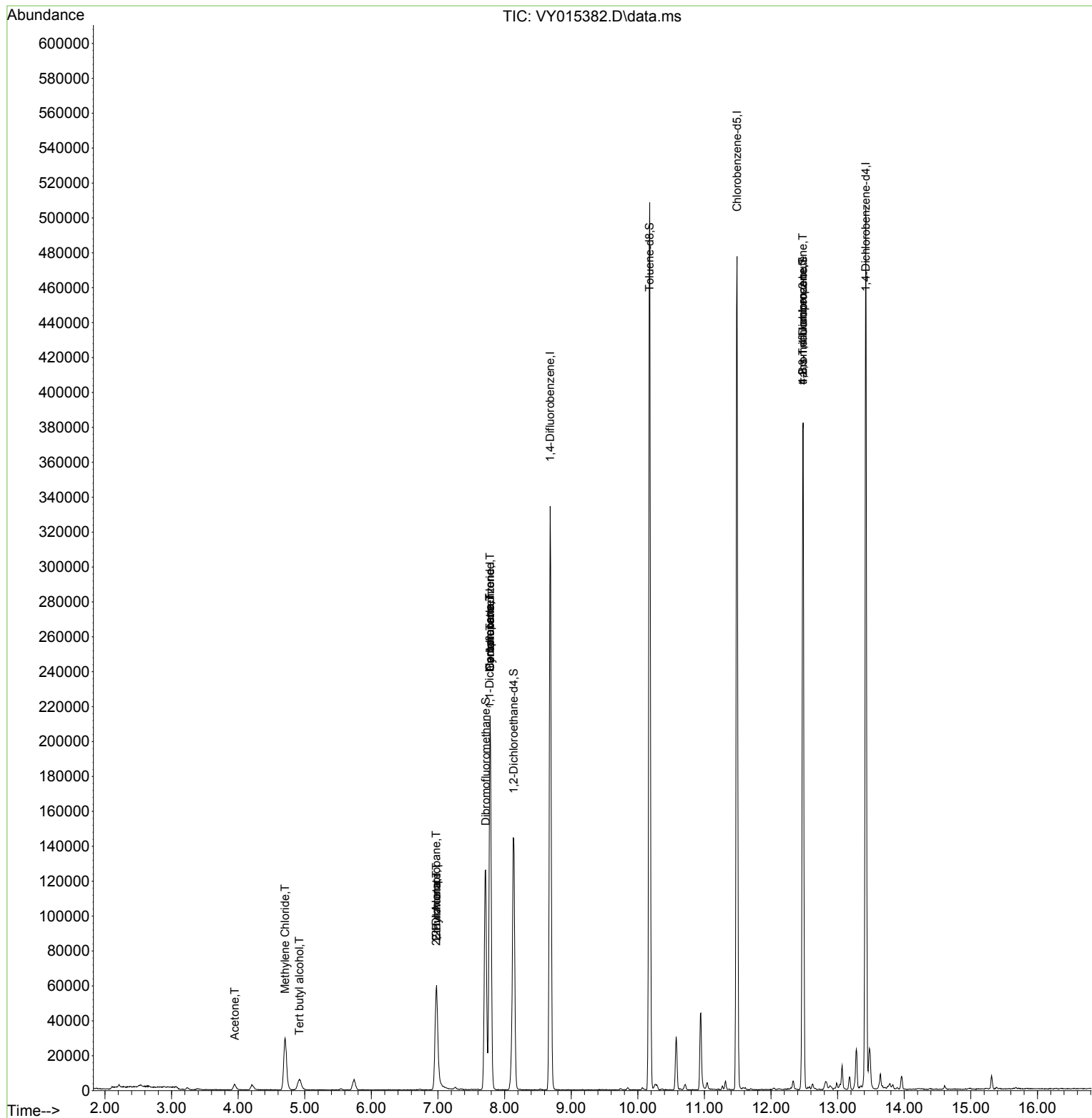
Internal Standards						
1) Pentafluorobenzene	7.783	168	163837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110515	62.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.840%	
35) Dibromofluoromethane	7.716	113	90645	56.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.860%	
50) Toluene-d8	10.179	98	328239	56.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.477	95	111589	51.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	7293	17.908	ug/l #	90
16) Acetone	3.948	43	6153	8.393	ug/l	99
20) Methylene Chloride	4.704	84	22533	3.872	ug/l	88
25) 2-Butanone	6.978	43	3696	3.555	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	4145	1.489	ug/l #	54
31) Cyclohexane	7.783	56	3388	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	13695	4.855	ug/l #	50
37) Ethyl Acetate	6.978	43	3696	1.699	ug/l #	1
38) Carbon Tetrachloride	7.783	117	17329	5.948	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	60324	36.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60324	80.737	ug/l #	11

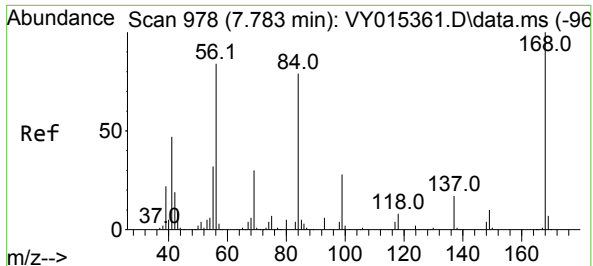
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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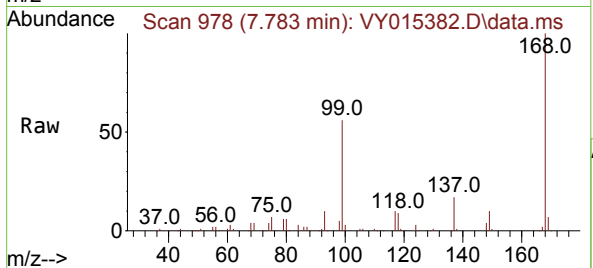
Quant Time: Aug 31 01:02:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
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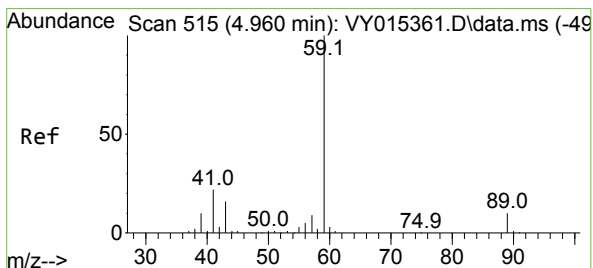
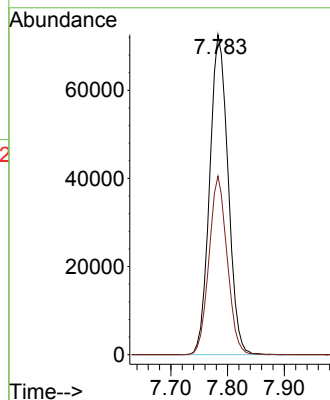
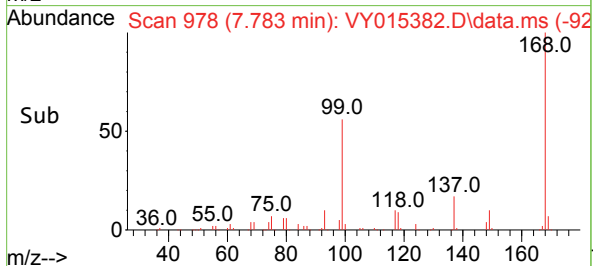


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :

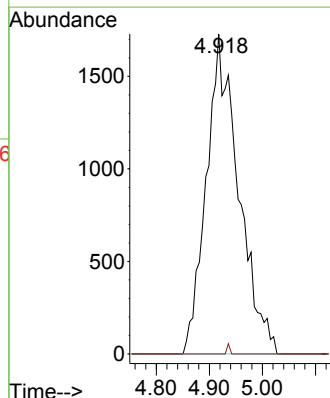
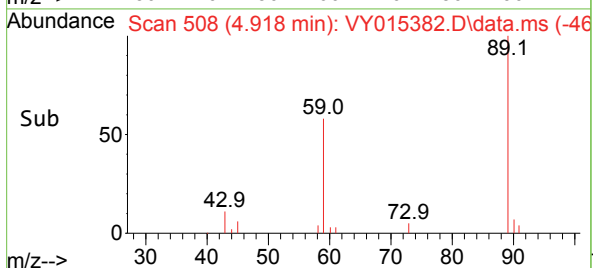
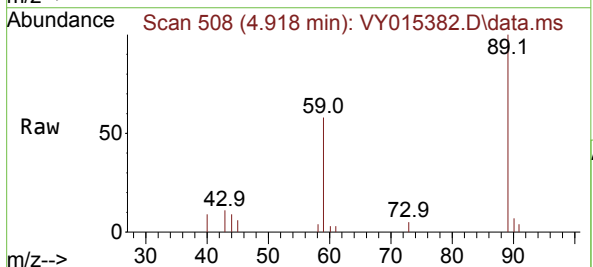


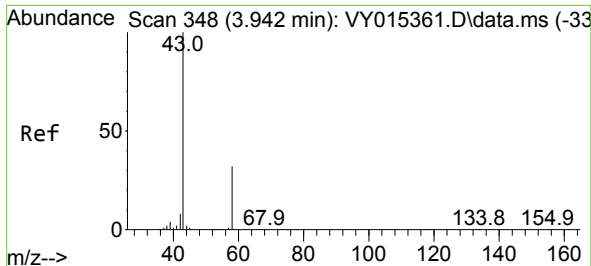
Tgt Ion:168 Resp: 163837
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 17.908 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 59 Resp: 7293
Ion Ratio Lower Upper
59 100
57 0.3 3.0 4.4#

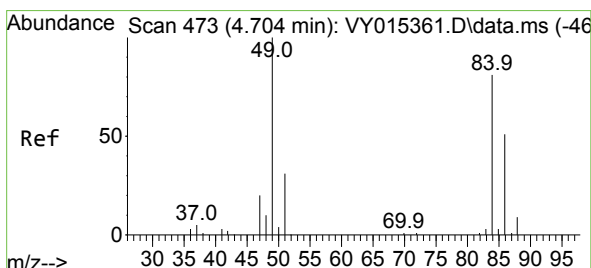
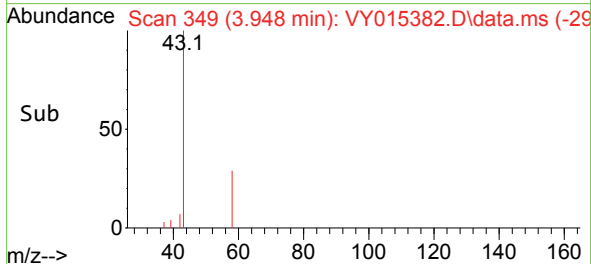
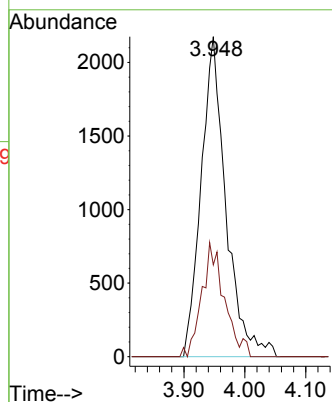
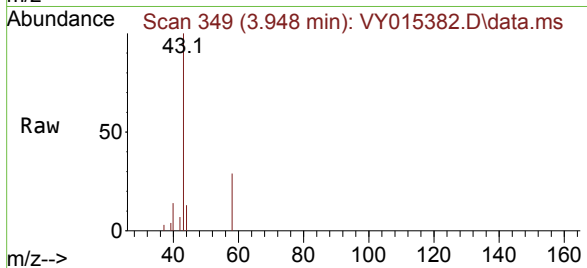




#16
Acetone
Concen: 8.393 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

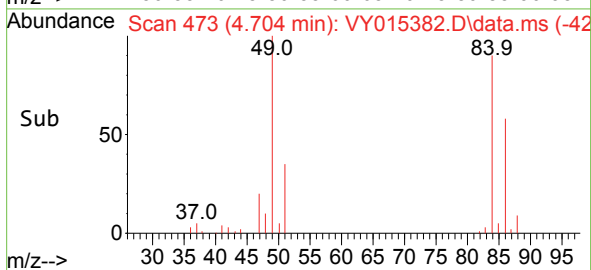
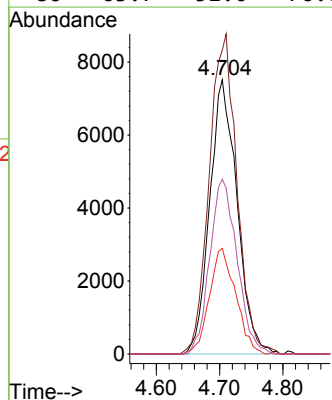
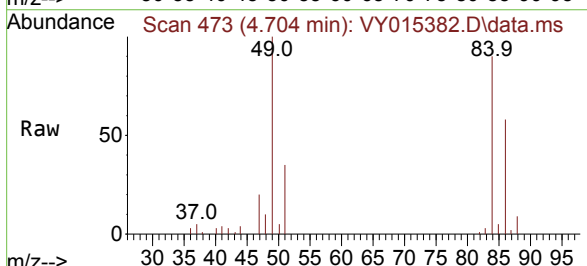
Instrument :
MSVOA_Y
ClientSampleId :

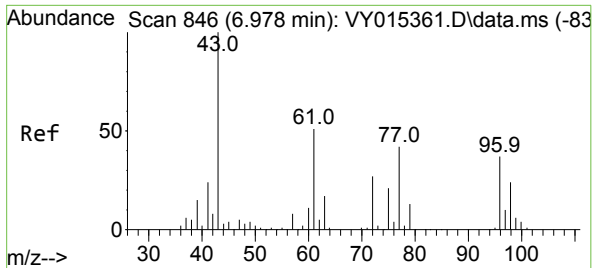
Tgt Ion: 43 Resp: 6153
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1



#20
Methylene Chloride
Concen: 3.872 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 84 Resp: 22533
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 38.5 33.2 49.8
86 63.7 51.0 76.6





#25

2-Butanone

Concen: 3.555 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015382.D

Acq: 30 Aug 2023 17:01

Instrument :

MSVOA_Y

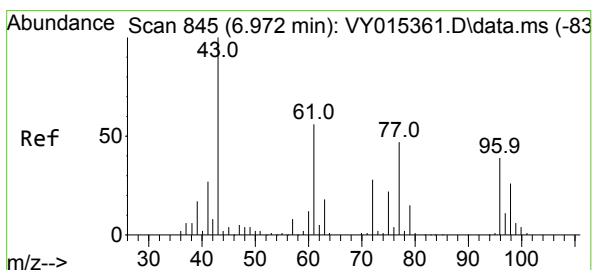
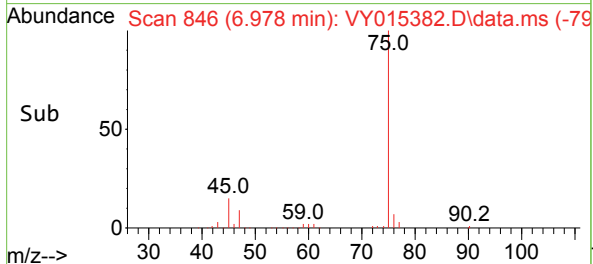
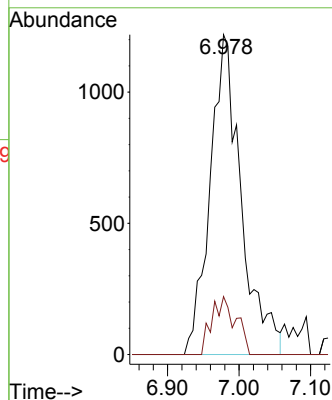
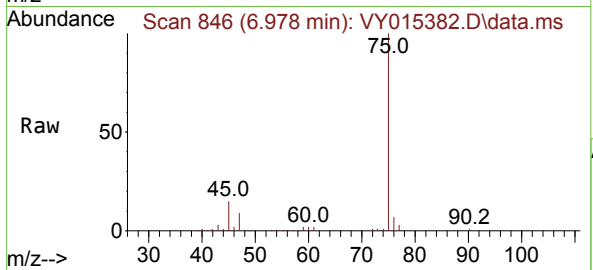
ClientSampleId :

Tgt Ion: 43 Resp: 3696

Ion Ratio Lower Upper

43 100

72 18.1 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.489 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015382.D

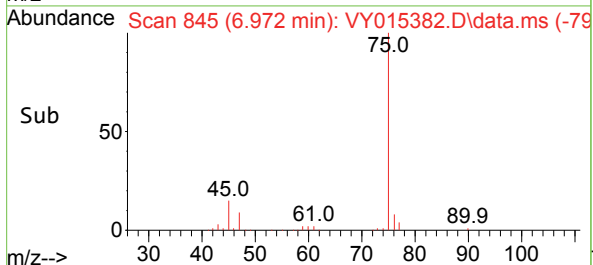
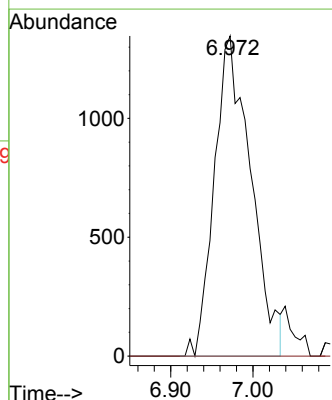
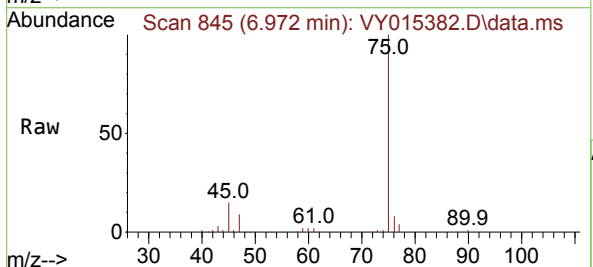
Acq: 30 Aug 2023 17:01

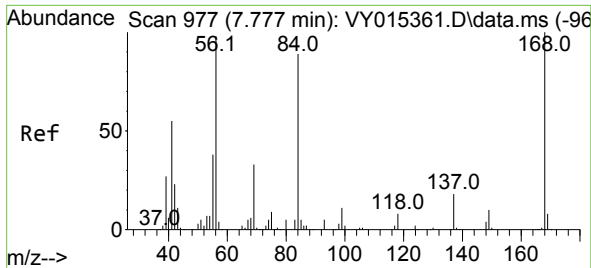
Tgt Ion: 77 Resp: 4145

Ion Ratio Lower Upper

77 100

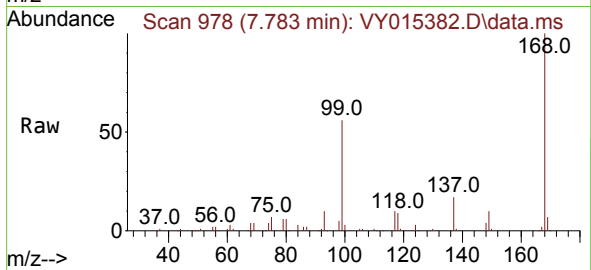
97 0.0 10.9 32.9#



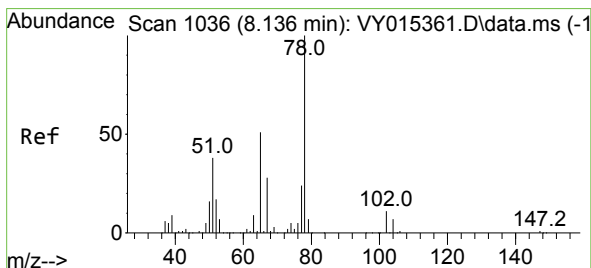
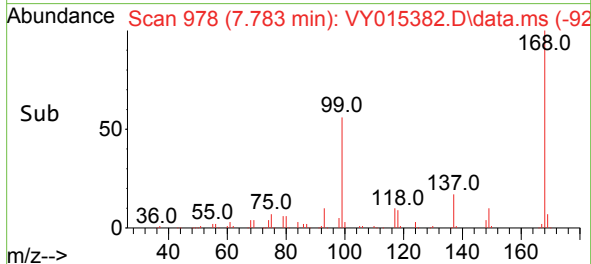
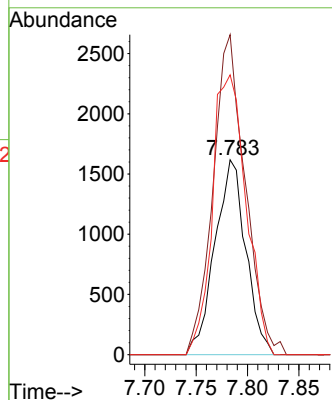


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :

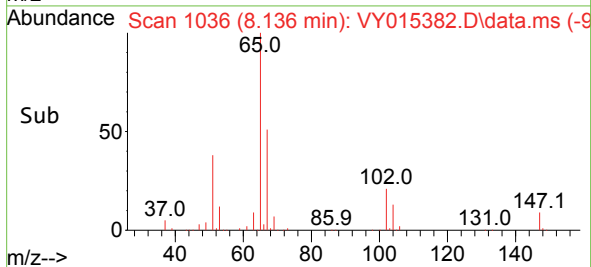
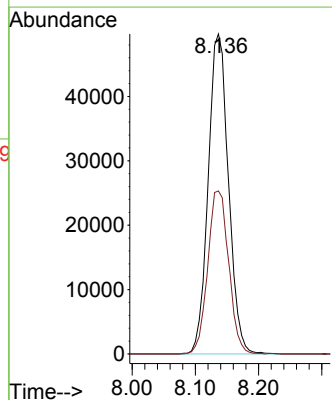
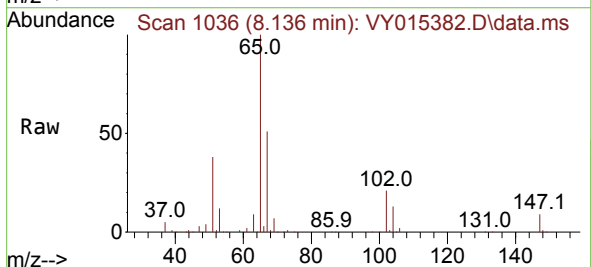


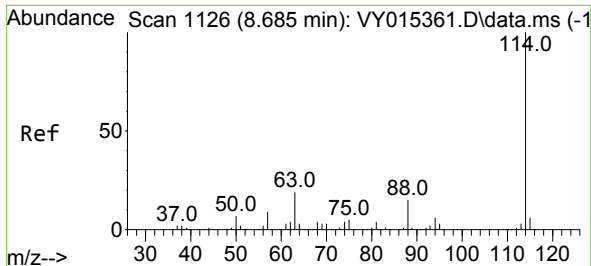
Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 164.2 27.8 41.6#
84 143.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.925 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 65 Resp: 110515
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

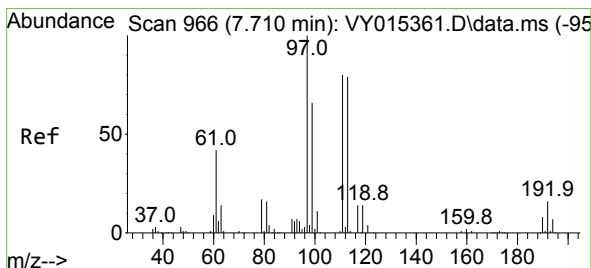
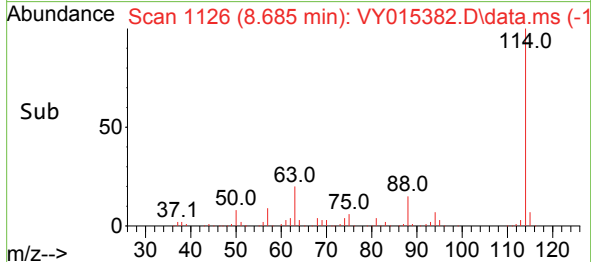
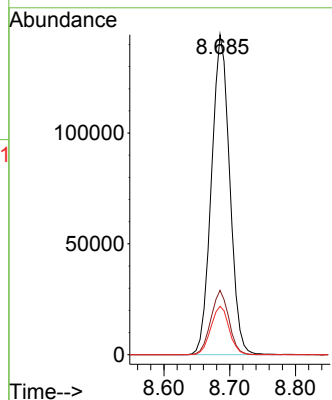
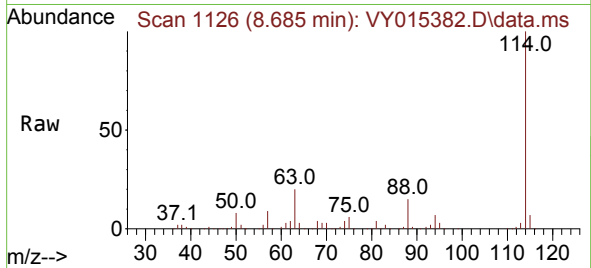




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

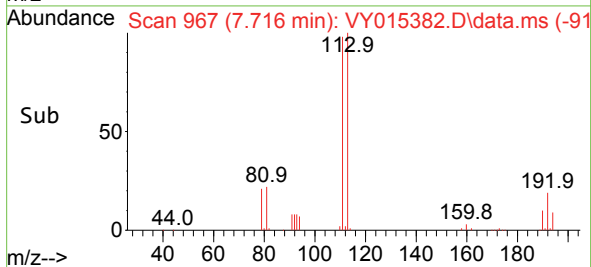
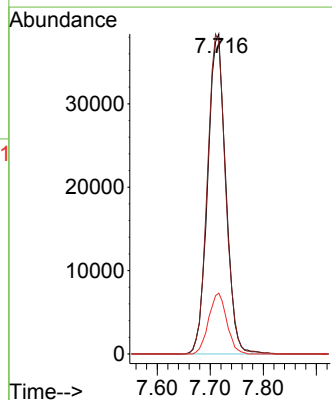
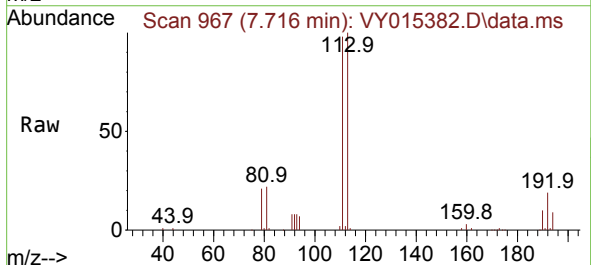
Instrument :
MSVOA_Y
ClientSampleId :

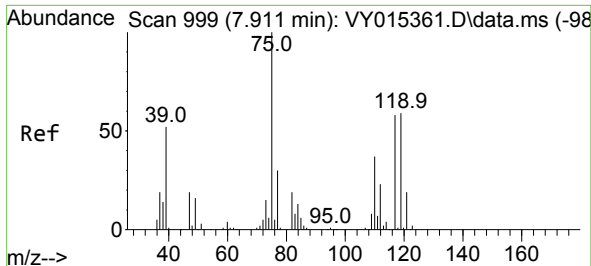
Tgt Ion:114 Resp: 278902
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.427 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

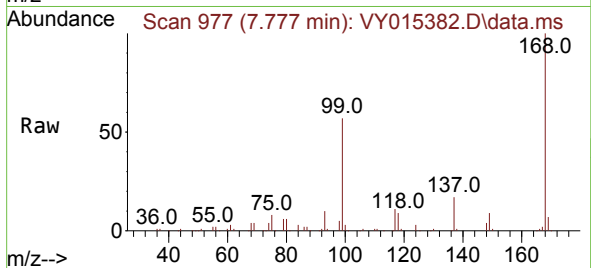
Tgt Ion:113 Resp: 90645
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 19.1 16.9 25.3



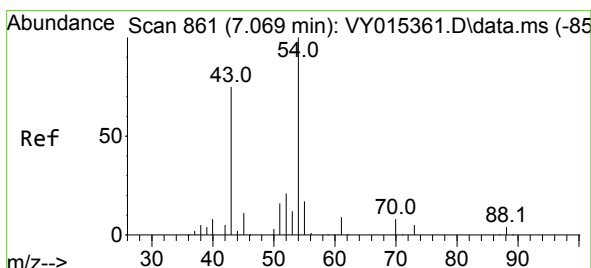
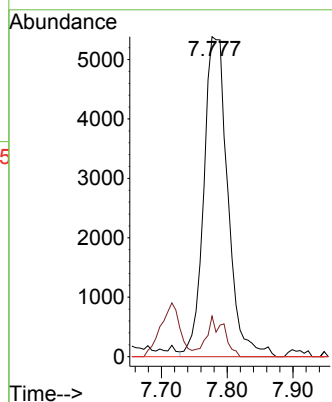
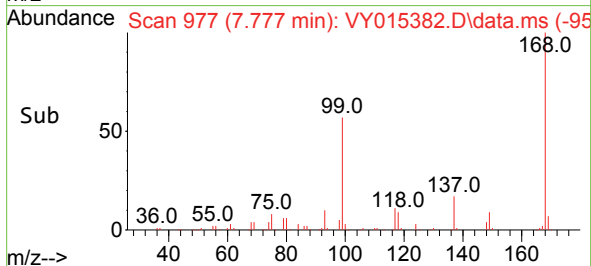


#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

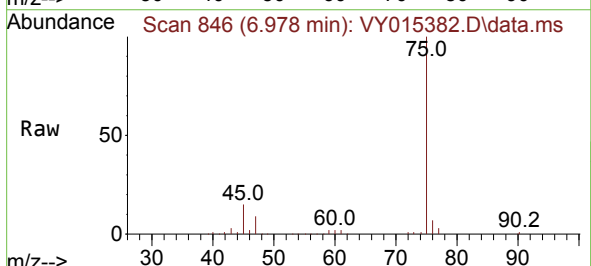
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MSVOA_Y
ClientSampleId :



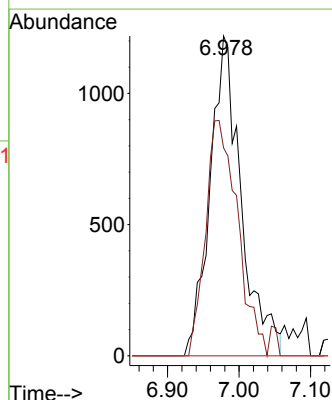
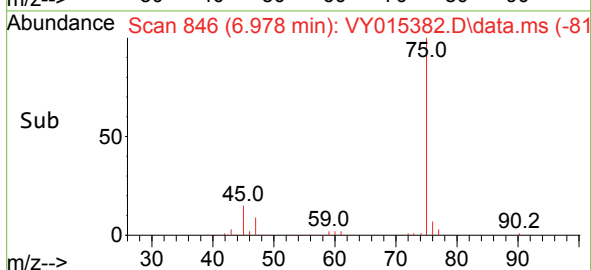
Tgt Ion: 75 Resp: 13695
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#

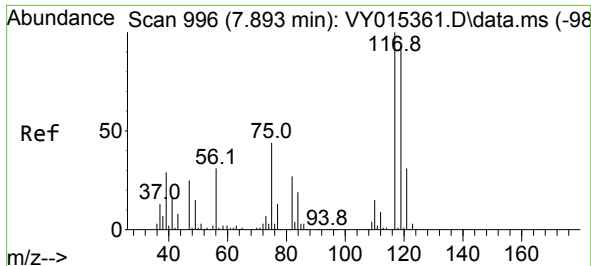


#37
Ethyl Acetate
Concen: 1.699 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01



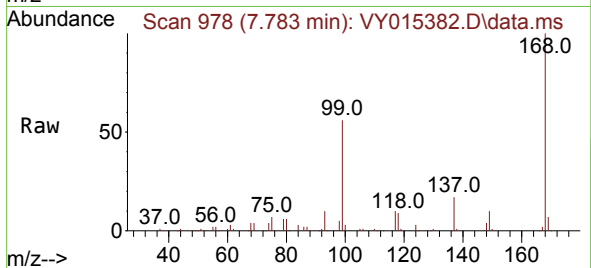
Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
61 75.4 10.1 15.1#
70 0.0 7.1 10.7#



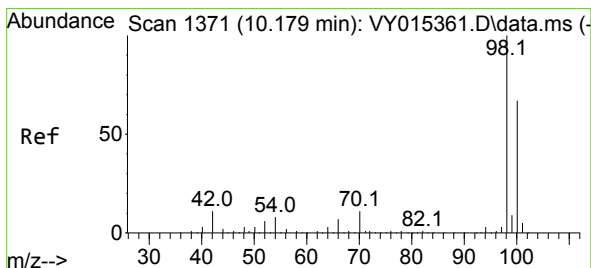
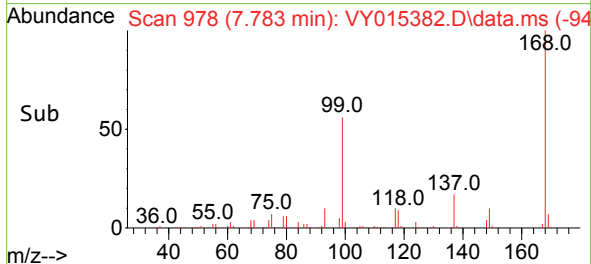
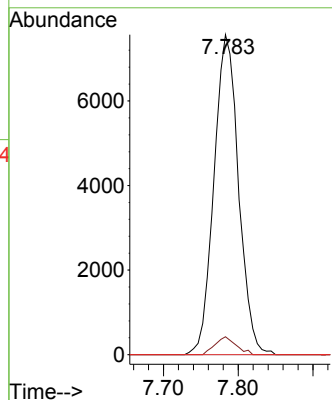


#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :

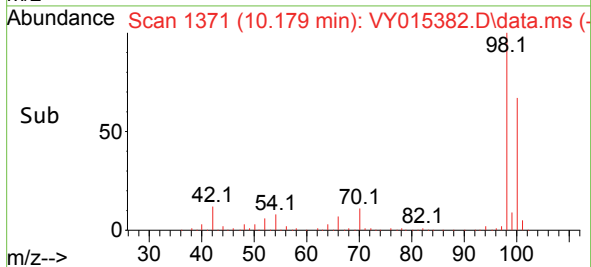
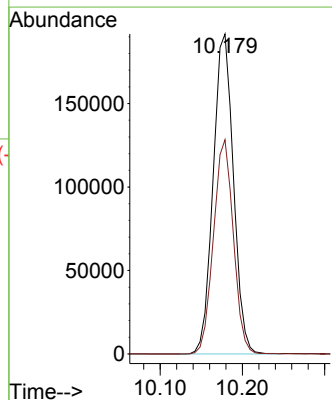
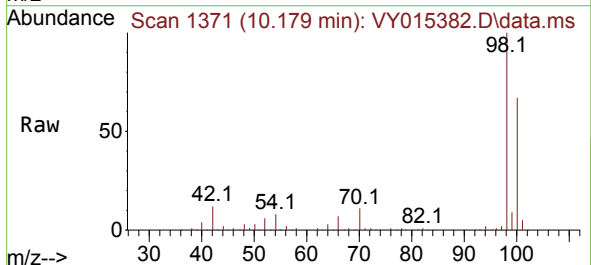


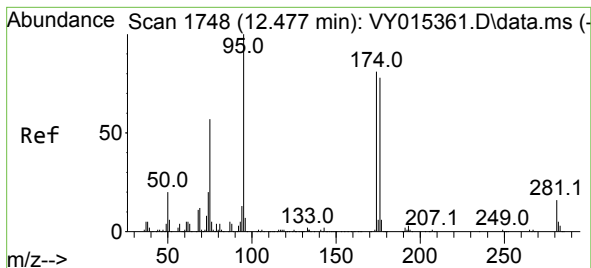
Tgt Ion:117 Resp: 17329
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.423 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 98 Resp: 328239
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

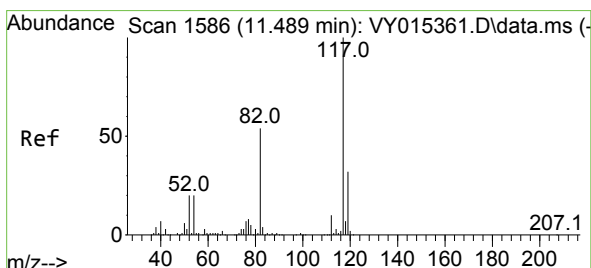
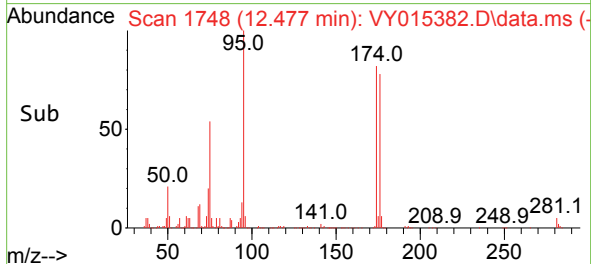
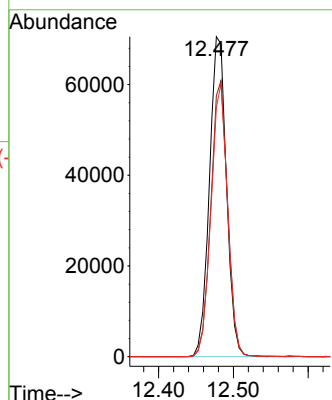
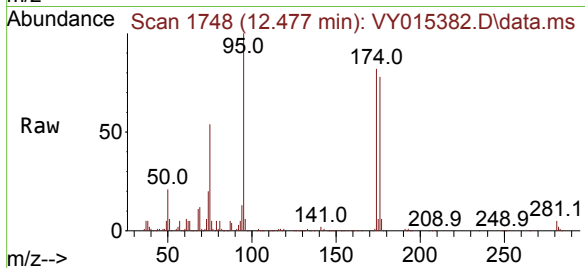




#62
4-Bromofluorobenzene
Concen: 51.670 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

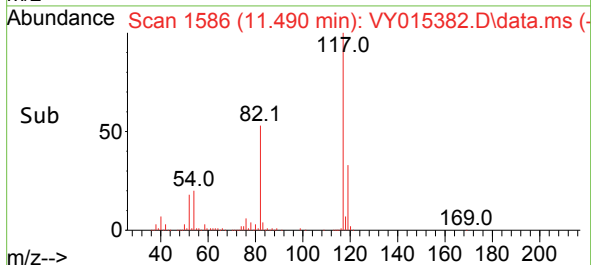
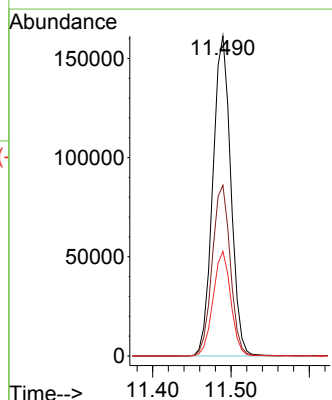
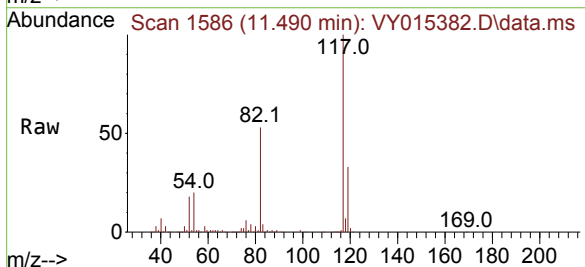
Instrument :
MSVOA_Y
ClientSampleId :

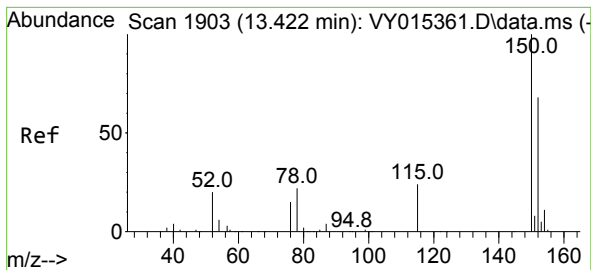
Tgt Ion: 95 Resp: 111589
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 117 Resp: 257201
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.7 26.3 39.5

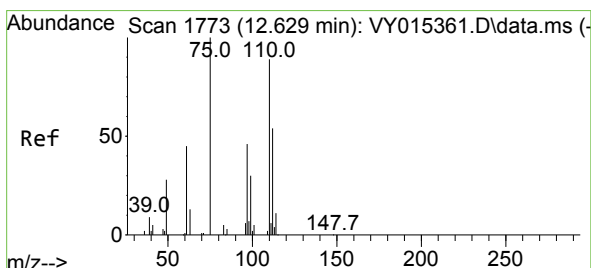
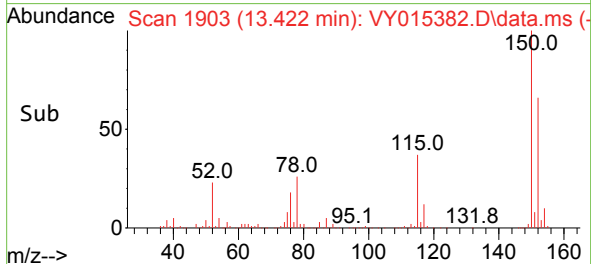
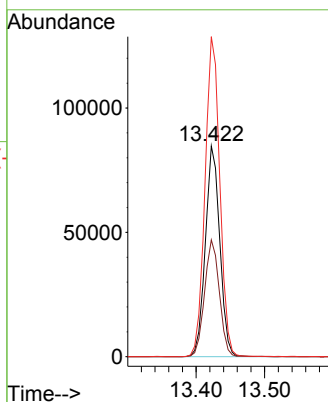
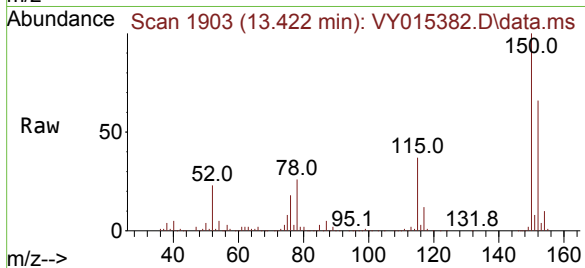




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015382.D
 Acq: 30 Aug 2023 17:01

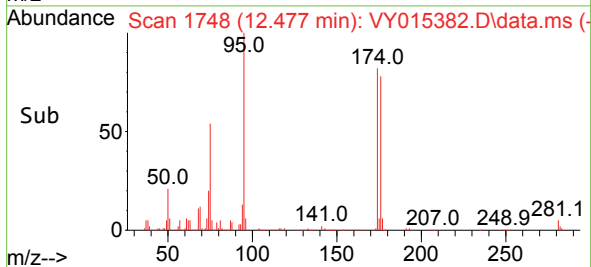
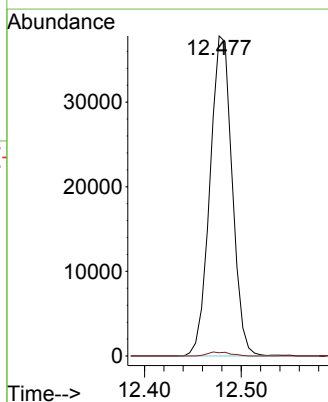
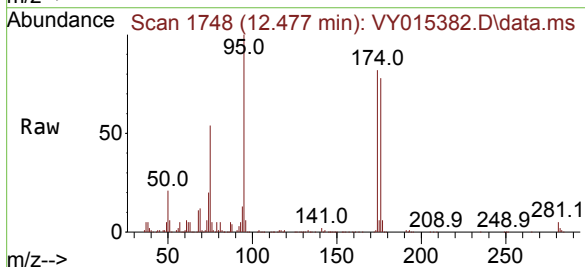
Instrument :
 MSVOA_Y
 ClientSampleId :

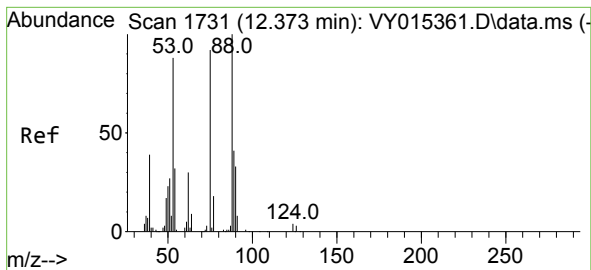
Tgt Ion:152 Resp: 124286
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 155.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 36.752 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015382.D
 Acq: 30 Aug 2023 17:01

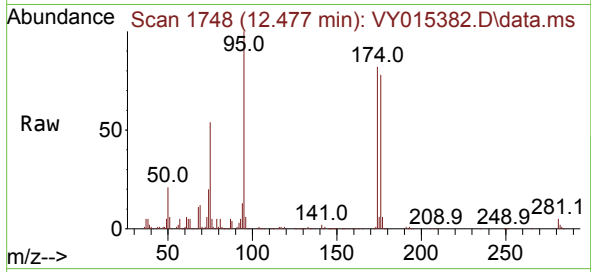
Tgt Ion: 75 Resp: 60324
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.737 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015382.D
 Acq: 30 Aug 2023 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60324
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.1 37.4 56.0#

