

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013624.D
 Acq On : 05 May 2023 14:44
 Operator : KP/MD
 Sample : 02655-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: May 08 00:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

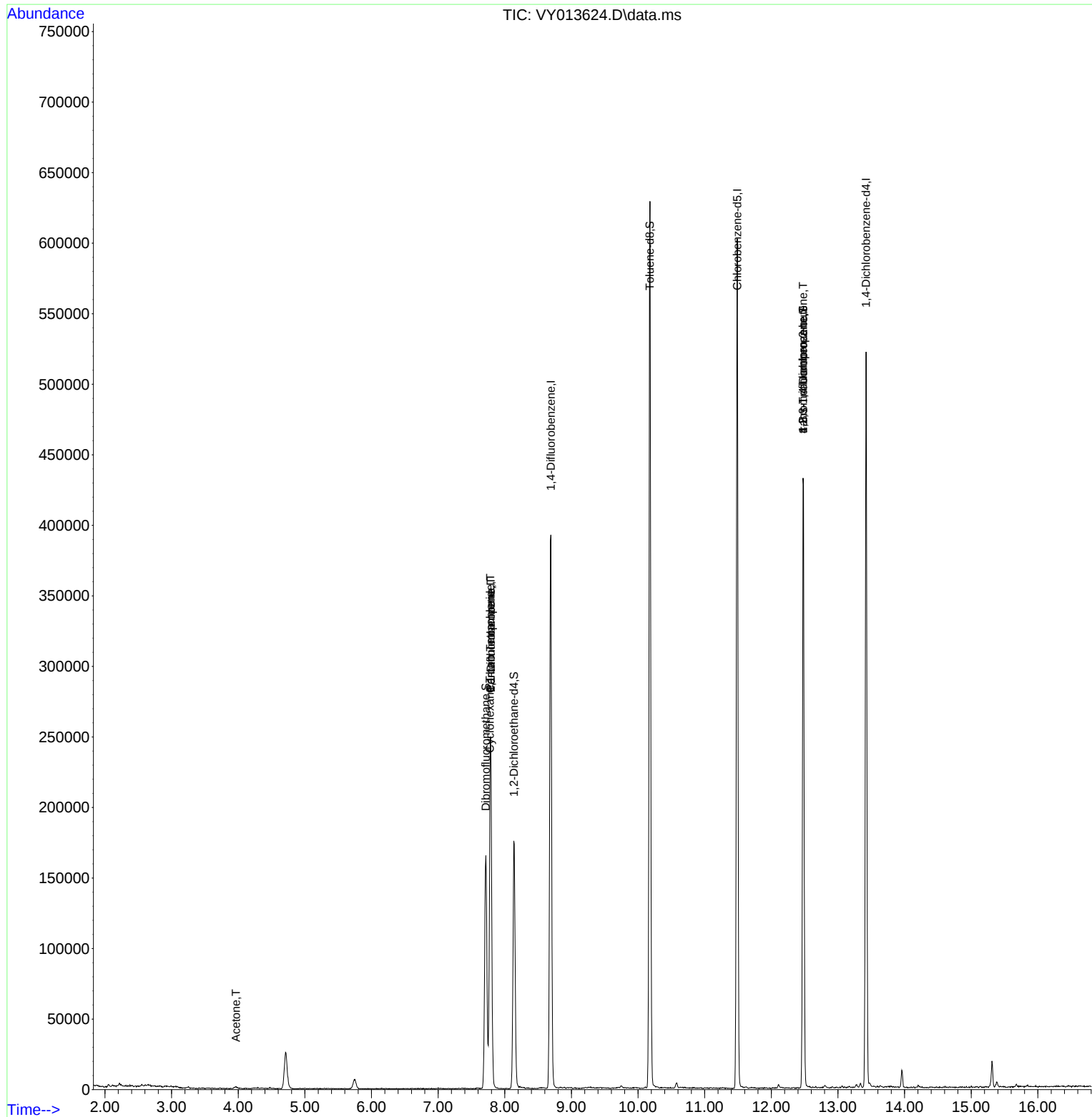
Internal Standards						
1) Pentafluorobenzene	7.789	168	199884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146712	66.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.920%	
35) Dibromofluoromethane	7.716	113	114659	55.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.179	98	401872	54.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.477	95	125589	50.424	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	2213	2.565	ug/l #	84
20) Methylene Chloride	4.716	84	18584	Below Cal	#	86
31) Cyclohexane	7.777	56	4619	1.177	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	15220	4.416	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19506	5.399	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67090	37.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67090	77.137	ug/l #	13

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

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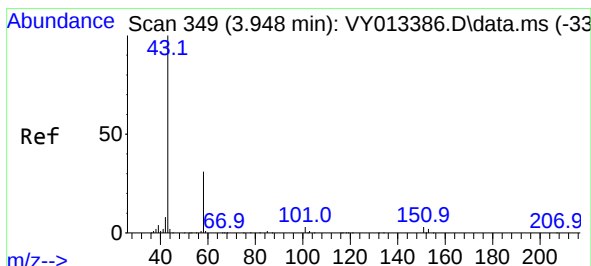
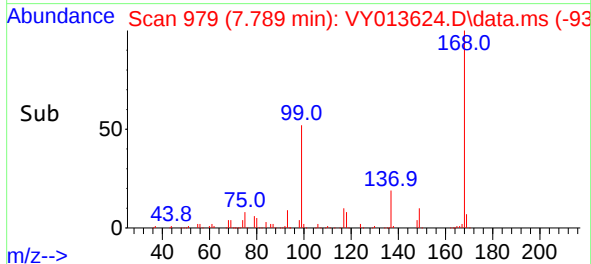
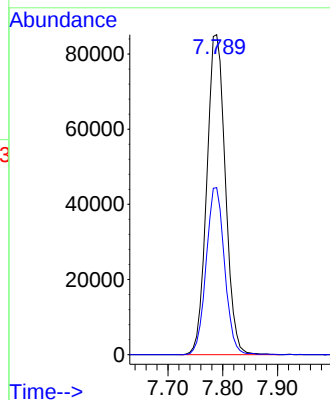
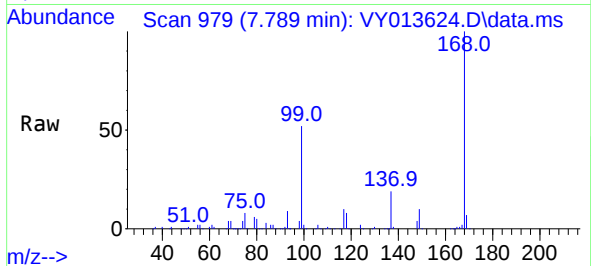




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

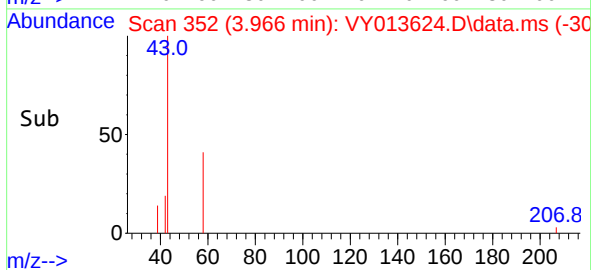
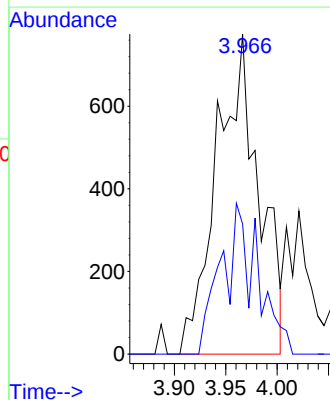
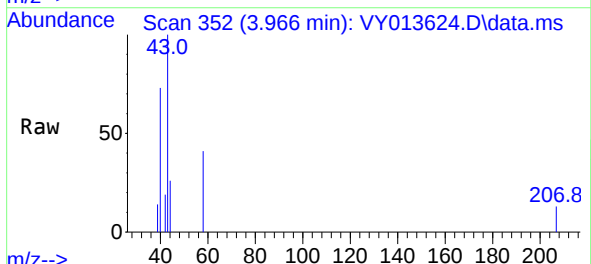
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

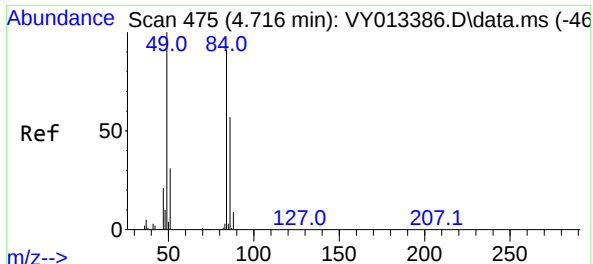
Tgt Ion:168 Resp: 199884
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#16
Acetone
Concen: 2.565 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 40.6 25.4 38.0#



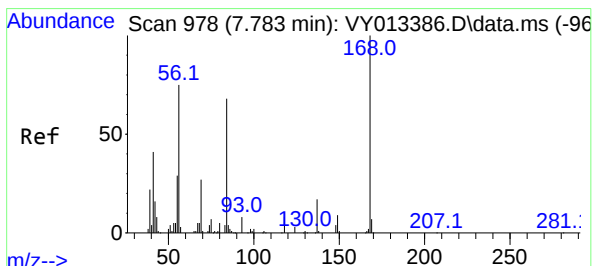
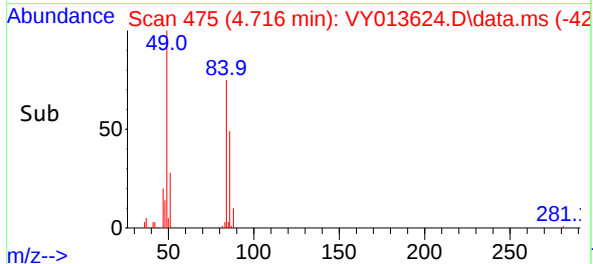
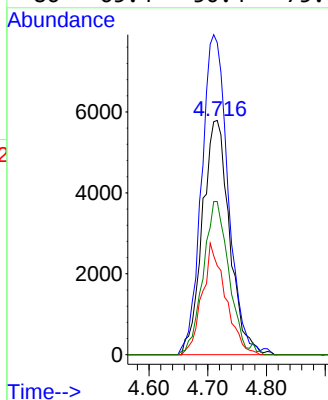
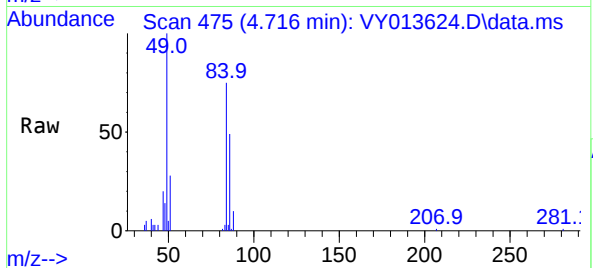


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion: 84 Resp: 18584

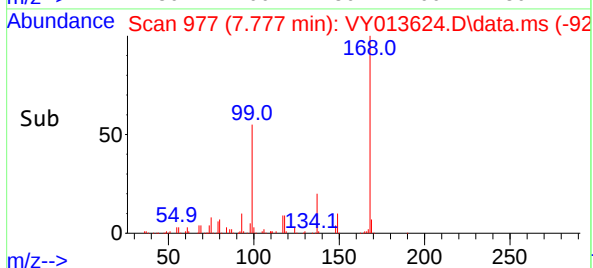
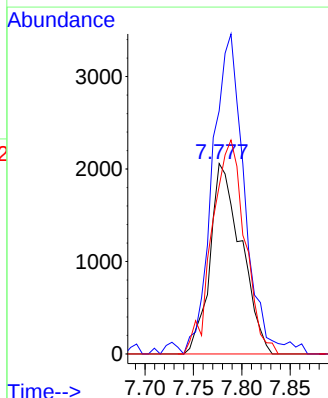
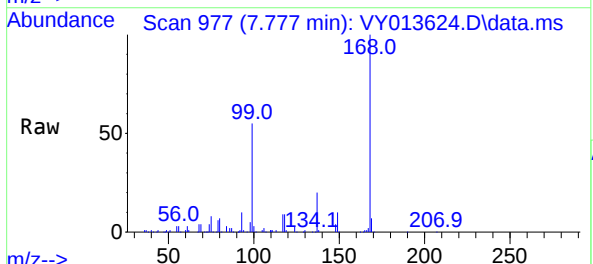
Ion	Ratio	Lower	Upper
84	100		
49	133.2	88.0	132.0#
51	38.0	27.4	41.0
86	65.4	50.4	75.6

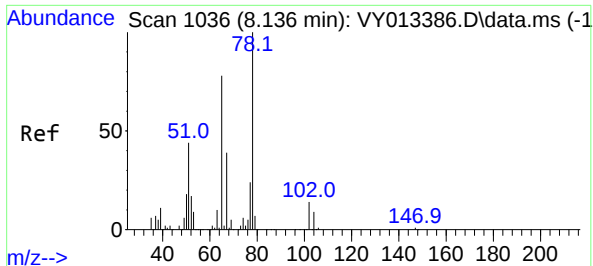


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 56 Resp: 4619

Ion	Ratio	Lower	Upper
56	100		
69	124.0	29.2	43.8#
84	88.2	73.0	109.6





#33

1,2-Dichloroethane-d4

Concen: 66.956 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013624.D

Acq: 05 May 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

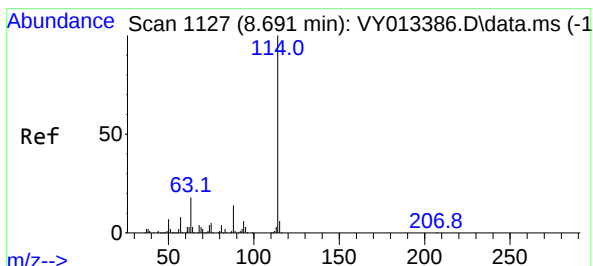
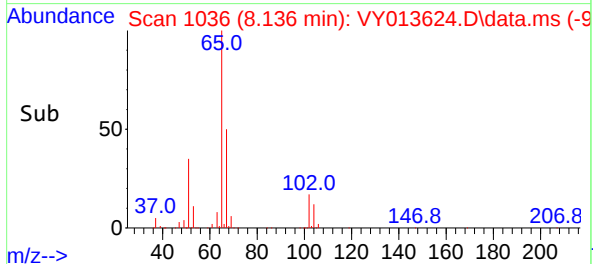
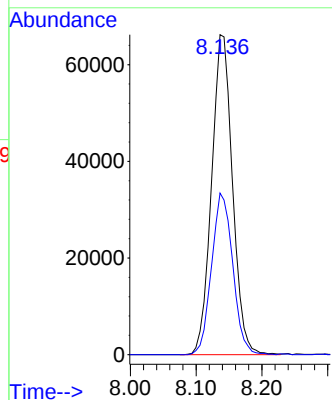
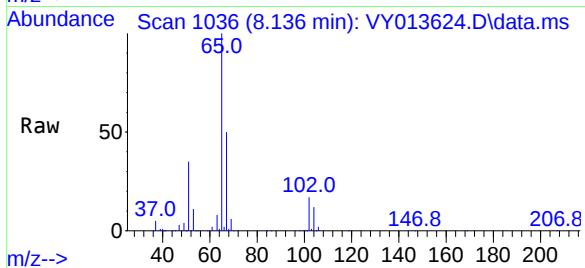
SS-1

Tgt Ion: 65 Resp: 146712

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013624.D

Acq: 05 May 2023 14:44

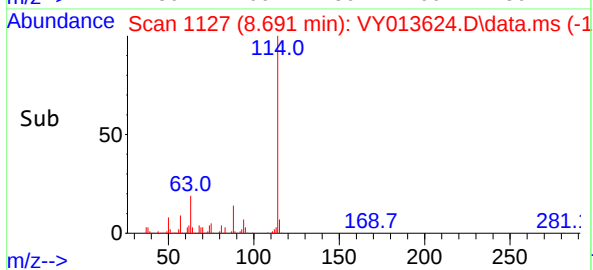
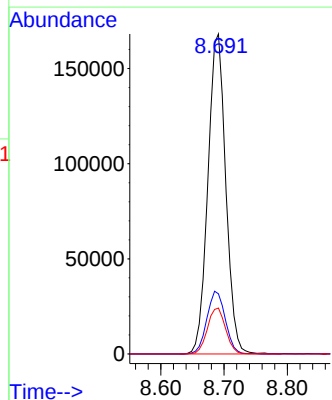
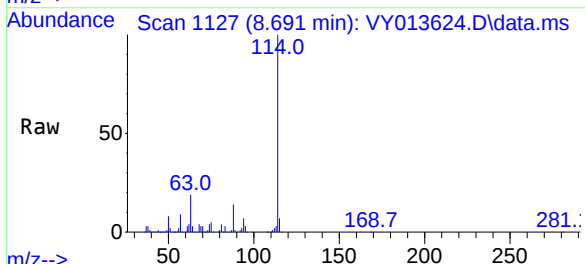
Tgt Ion:114 Resp: 330198

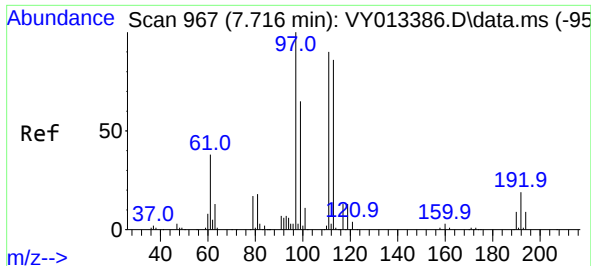
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 14.4 0.0 28.8



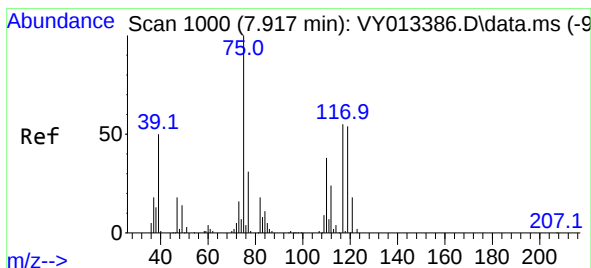
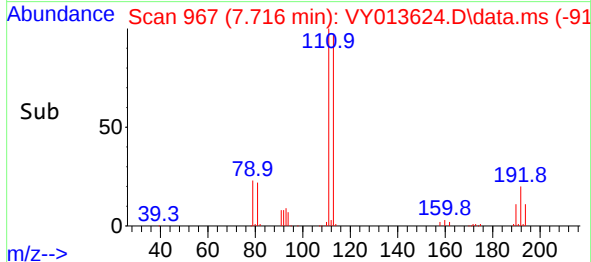
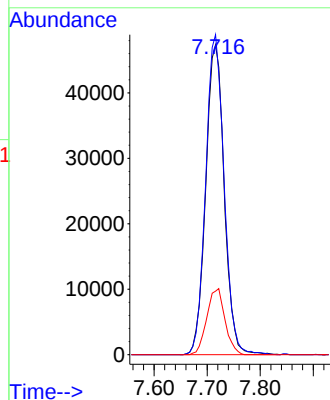
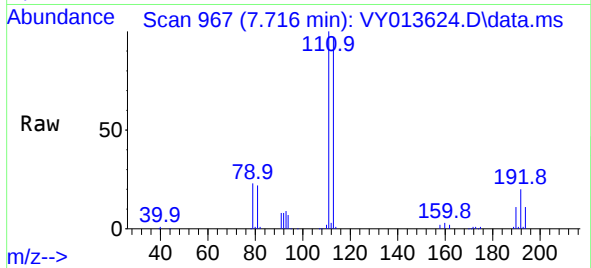


#35
Dibromofluoromethane
Concen: 55.210 ug/l
RT: 7.716 min Scan# 916
Delta R.T. -0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion:113 Resp: 114659

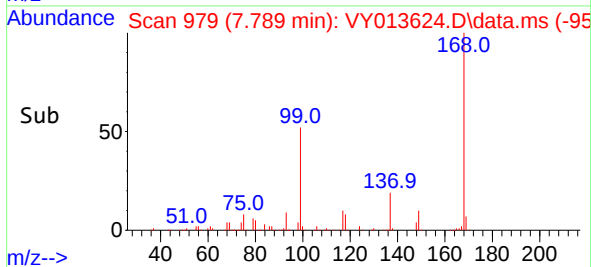
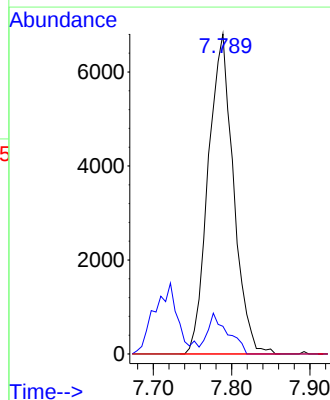
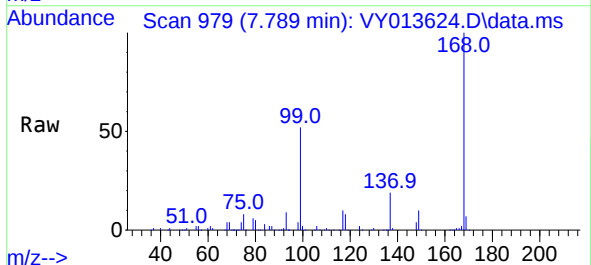
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	20.9	16.7	25.1

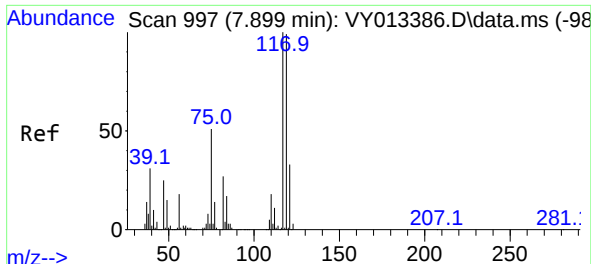


#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 75 Resp: 15220

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.7	56.1#
77	0.0	24.6	37.0#

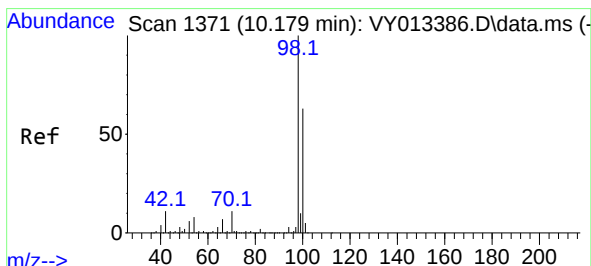
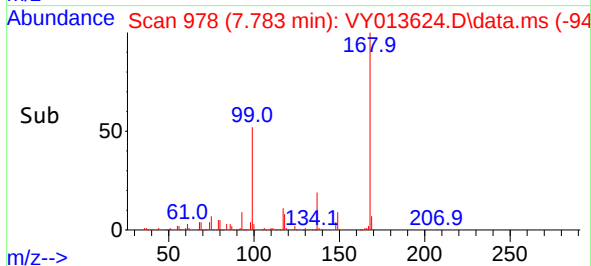
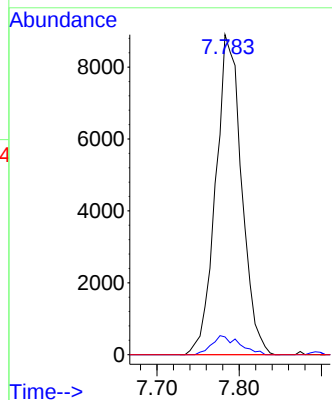
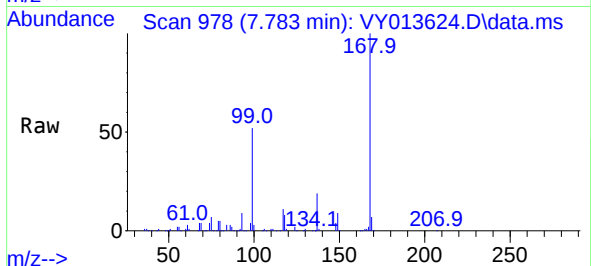




#38
Carbon Tetrachloride
Concen: 5.399 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

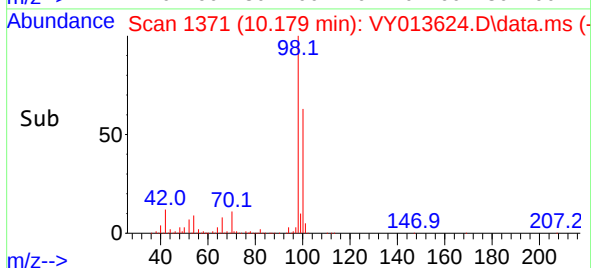
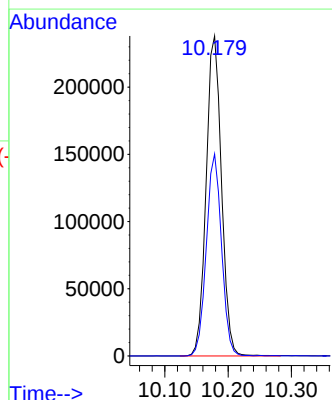
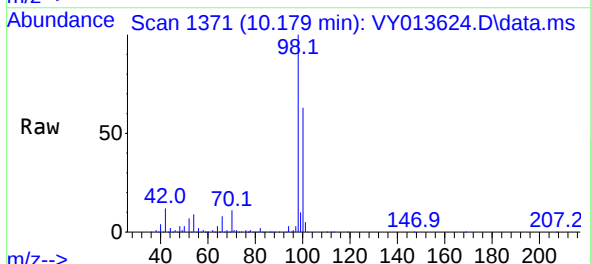
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

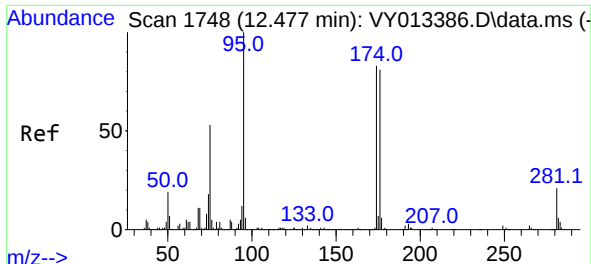
Tgt Ion:117 Resp: 19506
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.395 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 98 Resp: 401872
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7

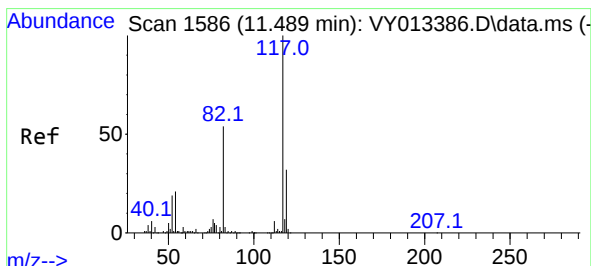
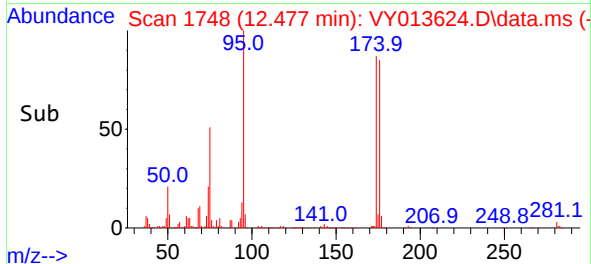
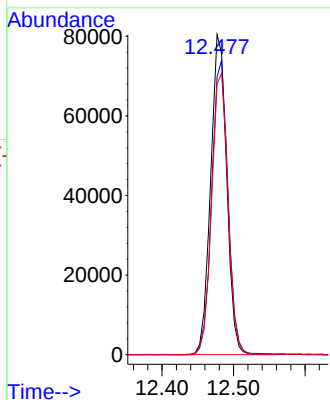
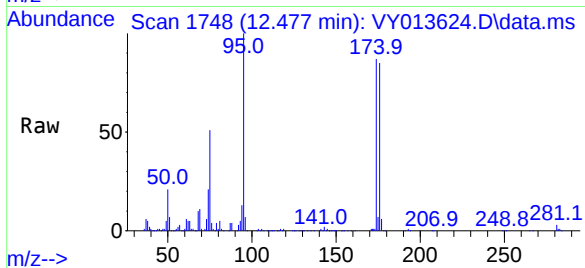




#62
4-Bromofluorobenzene
Concen: 50.424 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

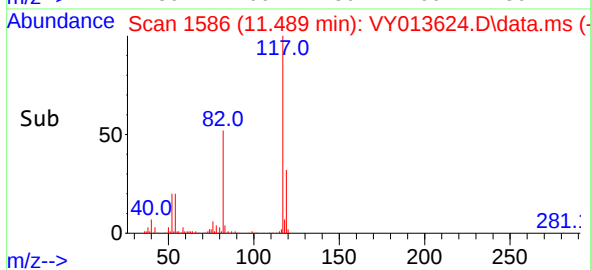
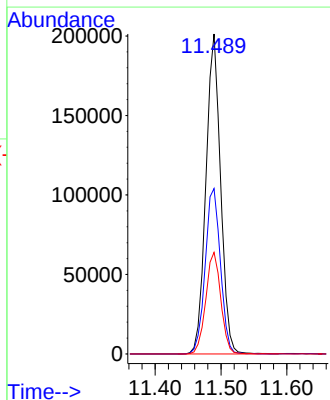
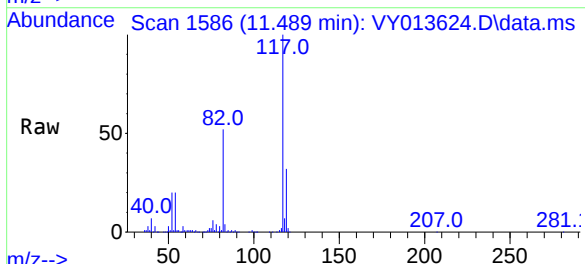
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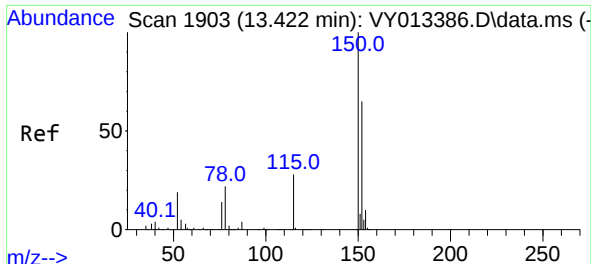
Tgt Ion: 95 Resp: 125589
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.0
176 89.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 117 Resp: 312289
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.6
119 31.8 25.5 38.3

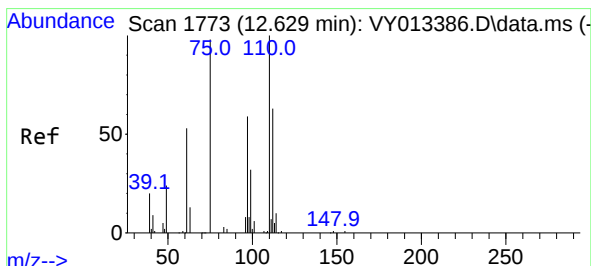
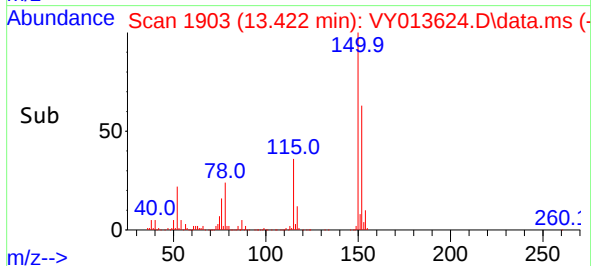
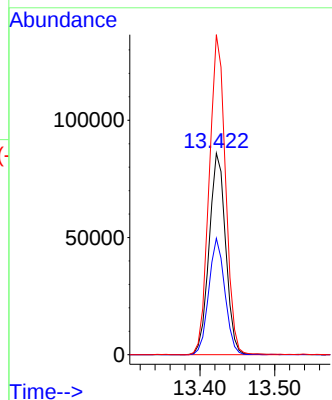
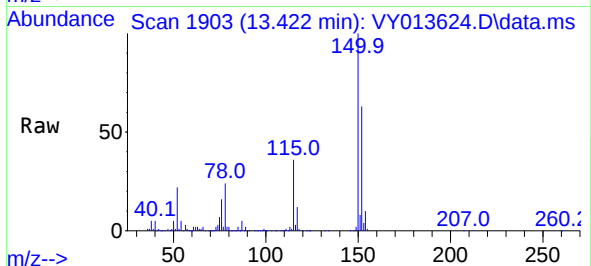




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013624.D
 Acq: 05 May 2023 14:44

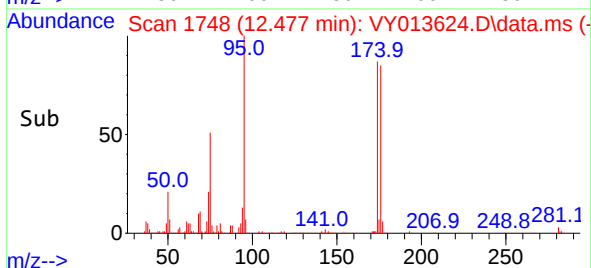
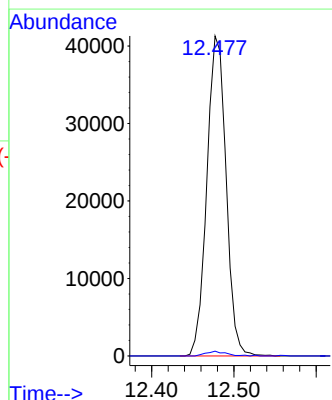
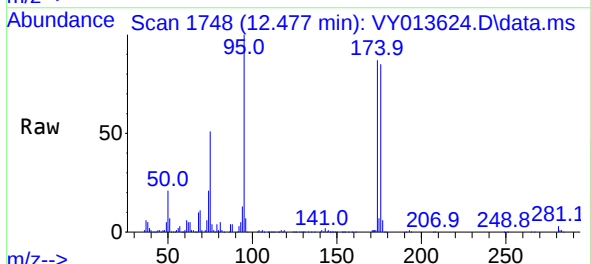
Instrument :
 MSVOA_Y
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 SS-1

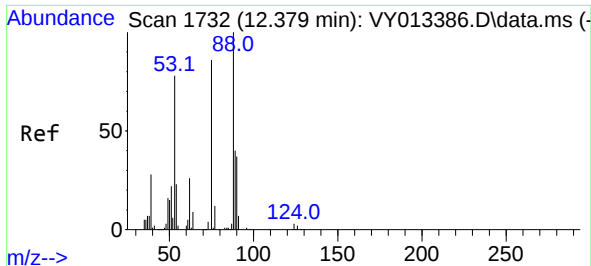
Tgt Ion:152 Resp: 131922
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.1 84.2
 150 157.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 37.710 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013624.D
 Acq: 05 May 2023 14:44

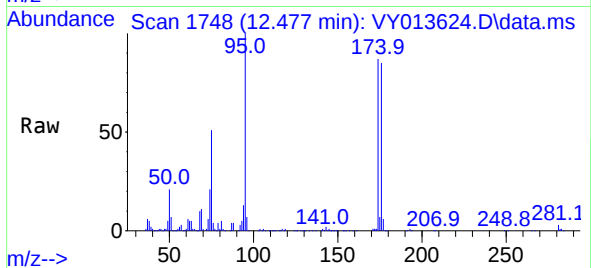
Tgt Ion: 75 Resp: 67090
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.137 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013624.D
 Acq: 05 May 2023 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1



Tgt Ion: 75 Resp: 67090
 Ion Ratio Lower Upper
 75 100
 53 0.4 73.2 109.8#
 89 0.0 38.0 57.0#

