

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013586.D
 Acq On : 03 May 2023 16:57
 Operator : KP/MD
 Sample : 02584-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-050123

Quant Time: May 04 01:21:26 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)

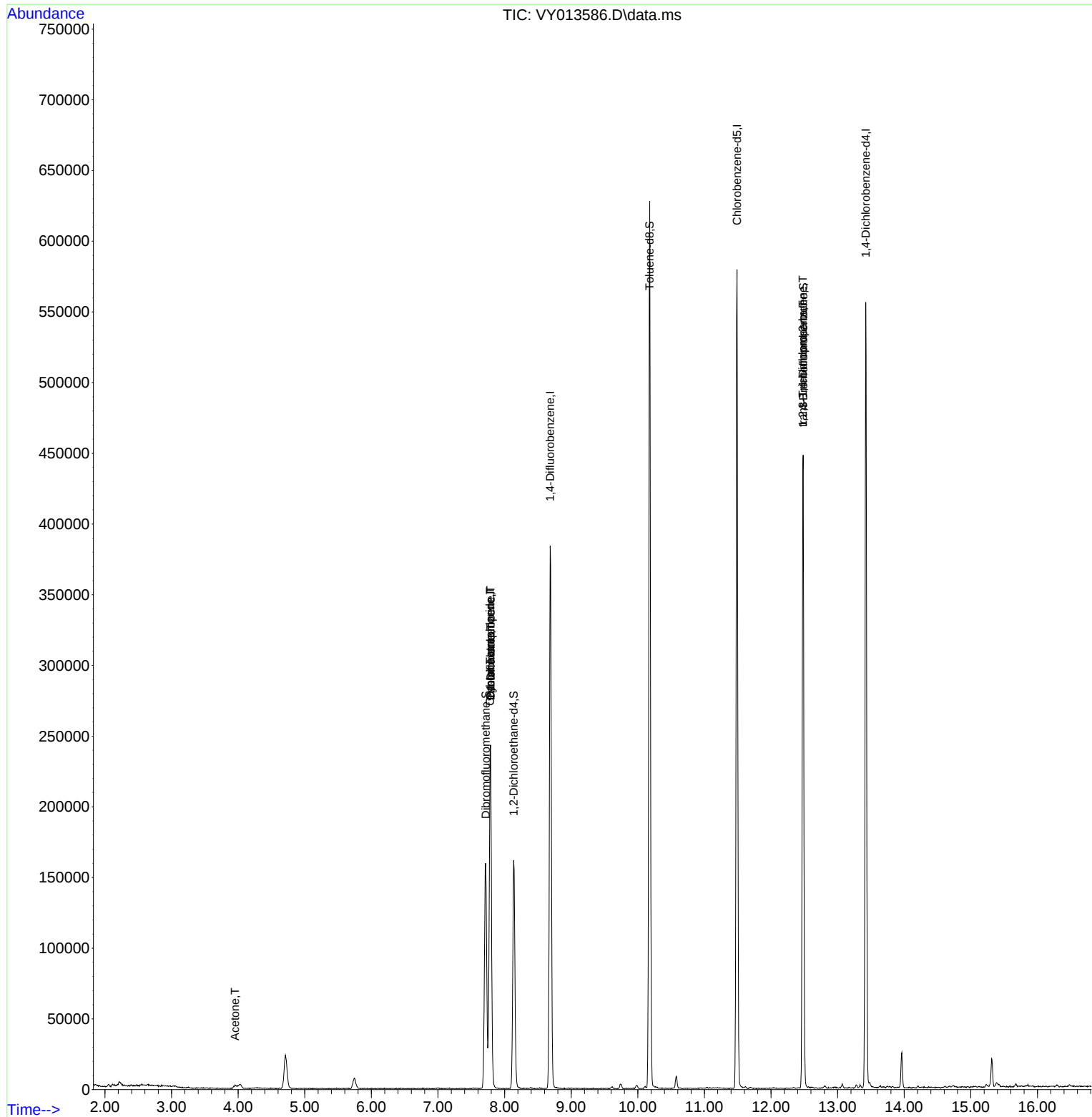
Internal Standards						
1) Pentafluorobenzene	7.789	168	193232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132657	62.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	7.716	113	111332	55.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.520%	
50) Toluene-d8	10.179	98	397798	55.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.483	95	126735	52.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	5623	6.741	ug/l	97
20) Methylene Chloride	4.722	84	17010	Below Cal		92
31) Cyclohexane	7.789	56	4145	1.093	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	14316	4.281	ug/l #	48
38) Carbon Tetrachloride	7.783	117	18332	5.231	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67673	34.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67673	71.220	ug/l #	13

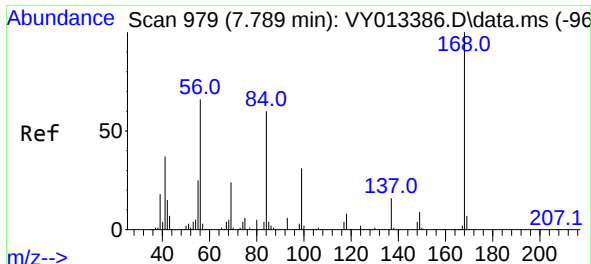
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TR-05-050123

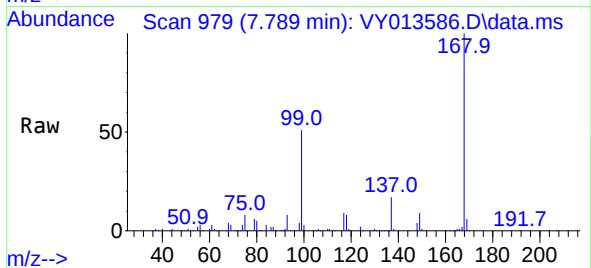
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration



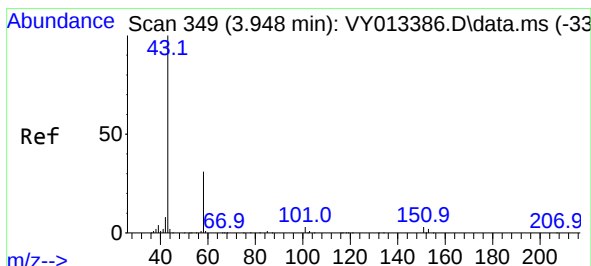
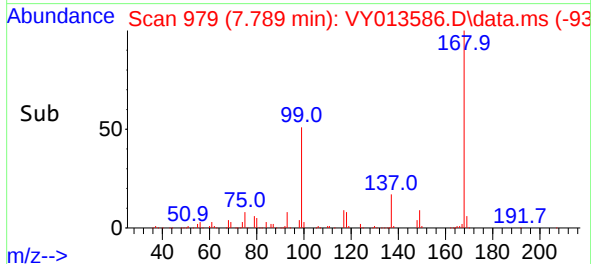
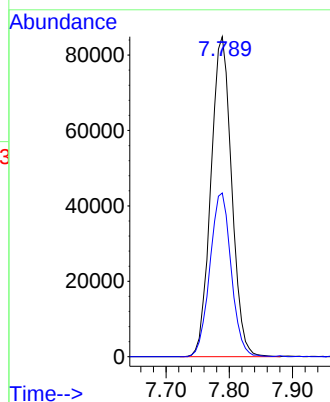


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-050123

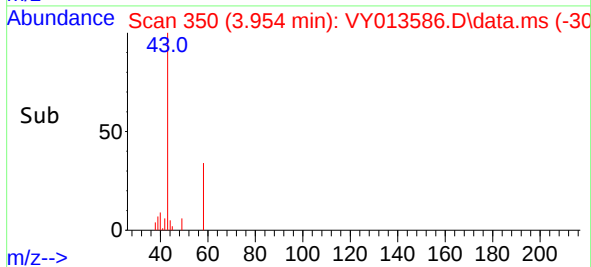
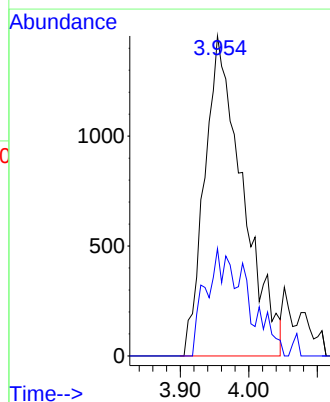
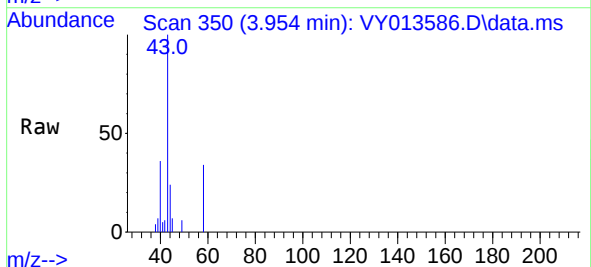


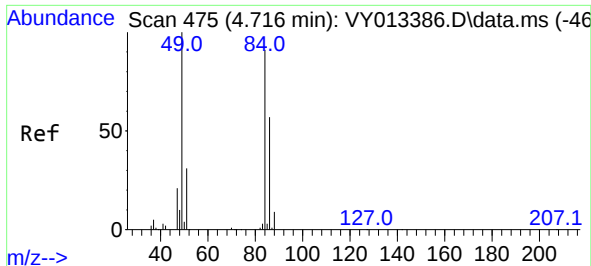
Tgt Ion:168 Resp: 193232
Ion Ratio Lower Upper
168 100
99 51.2 41.8 62.6



#16
Acetone
Concen: 6.741 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Tgt Ion: 43 Resp: 5623
Ion Ratio Lower Upper
43 100
58 33.5 25.4 38.0

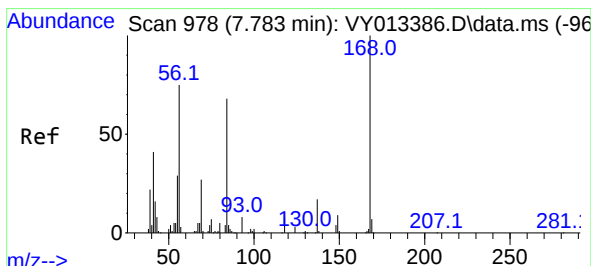
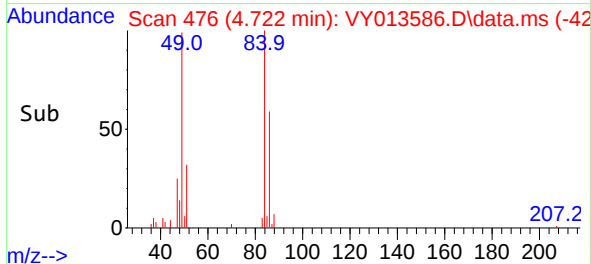
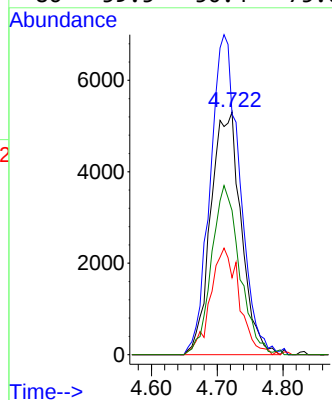
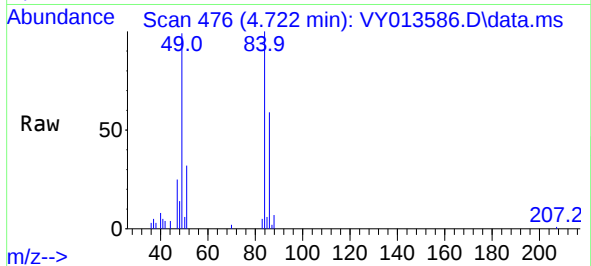




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

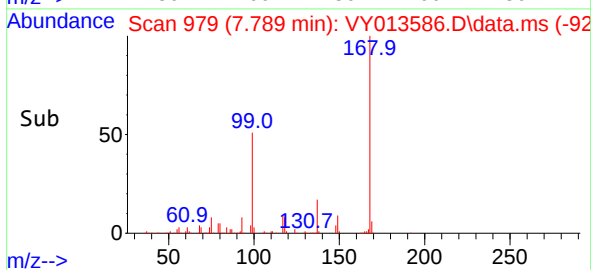
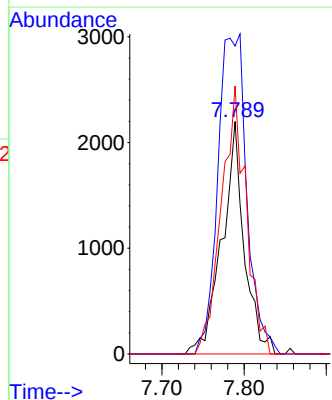
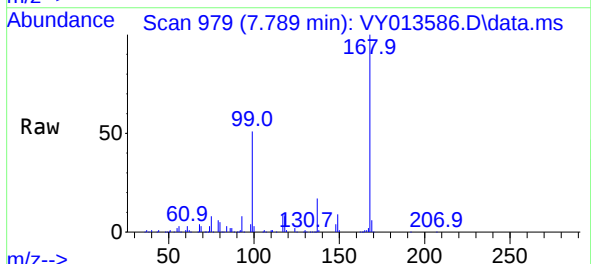
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-050123

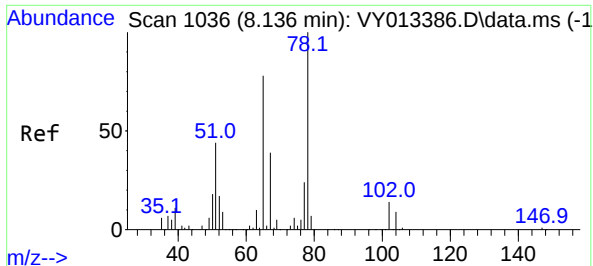
Tgt Ion: 84 Resp: 17010
Ion Ratio Lower Upper
84 100
49 99.2 88.0 132.0
51 31.7 27.4 41.0
86 59.5 50.4 75.6



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Tgt Ion: 56 Resp: 4145
Ion Ratio Lower Upper
56 100
69 132.5 29.2 43.8#
84 115.2 73.0 109.6#

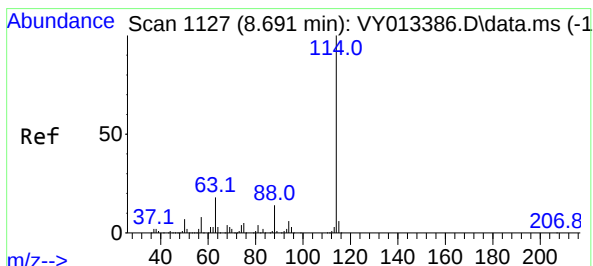
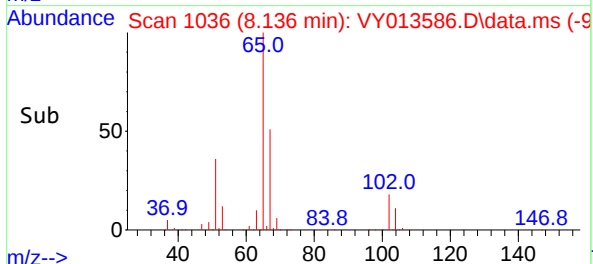
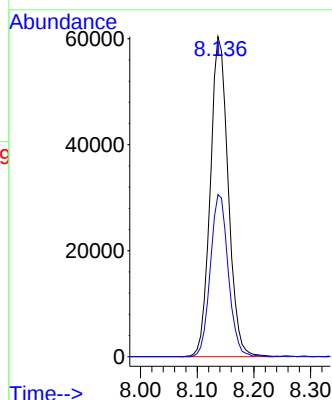
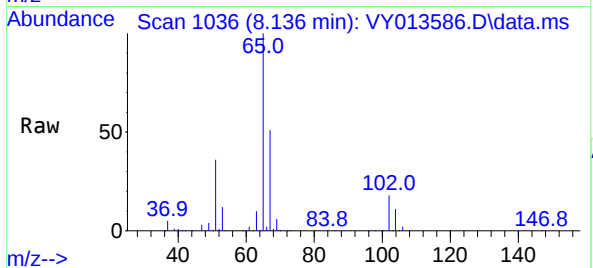




#33
1,2-Dichloroethane-d4
Concen: 62.626 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

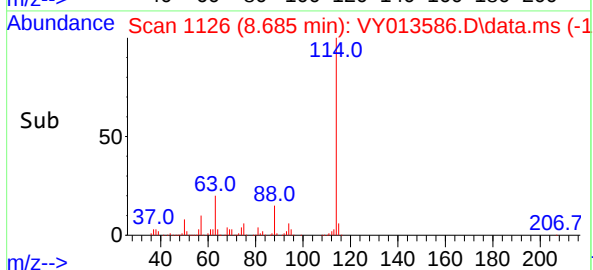
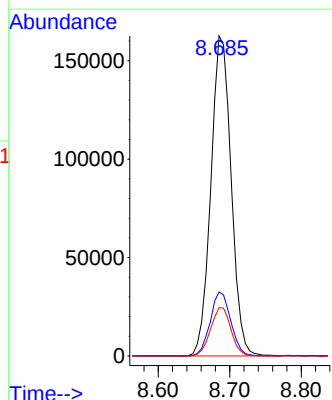
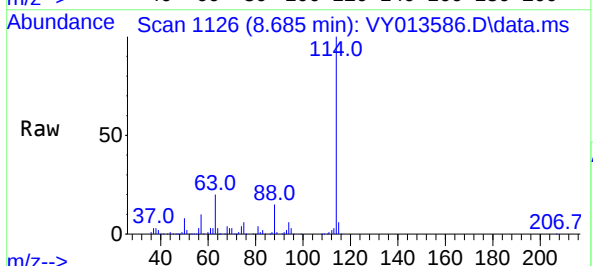
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-050123

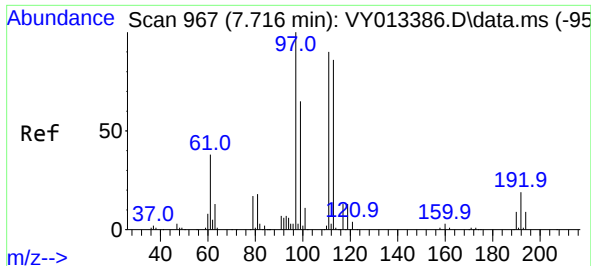
Tgt Ion: 65 Resp: 132657
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

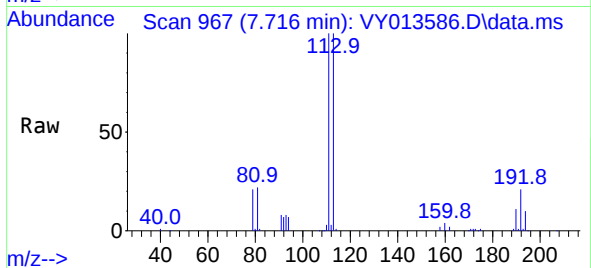
Tgt Ion: 114 Resp: 320340
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.6
88 15.1 0.0 28.8



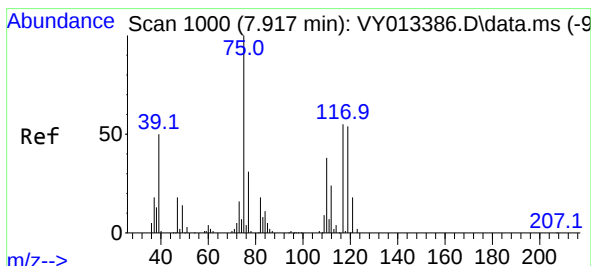
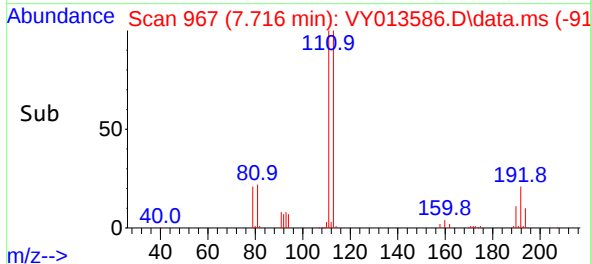
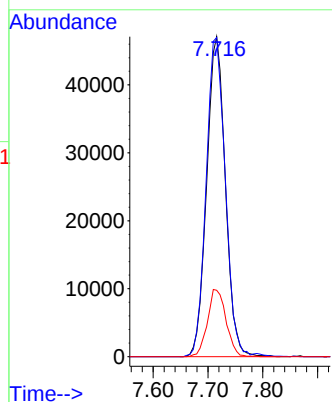


#35
Dibromofluoromethane
Concen: 55.257 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-050123

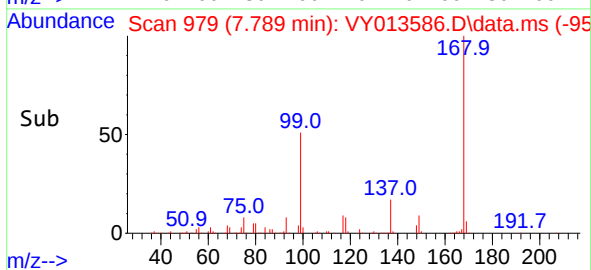
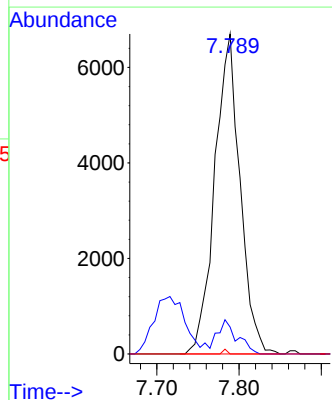
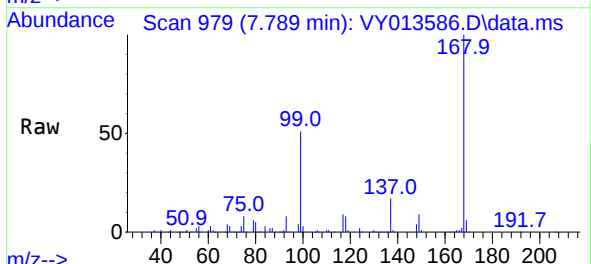


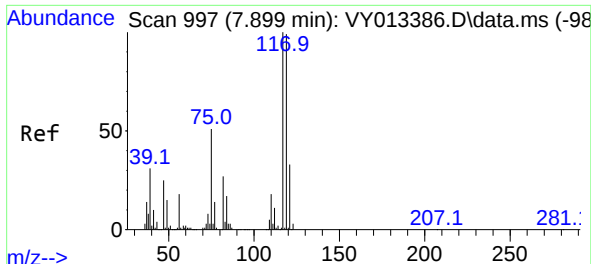
Tgt Ion:113 Resp: 111332
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Tgt Ion: 75 Resp: 14316
Ion Ratio Lower Upper
75 100
110 8.3 18.7 56.1#
77 0.3 24.6 37.0#

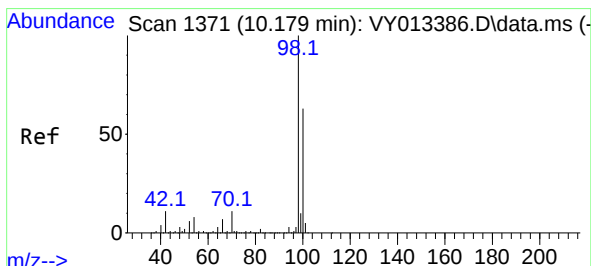
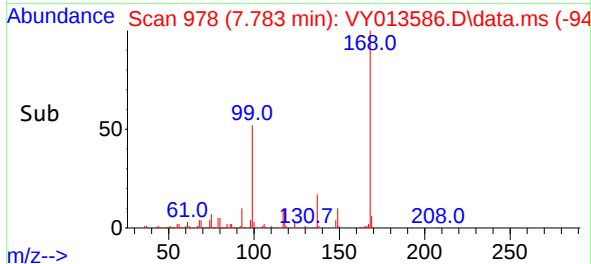
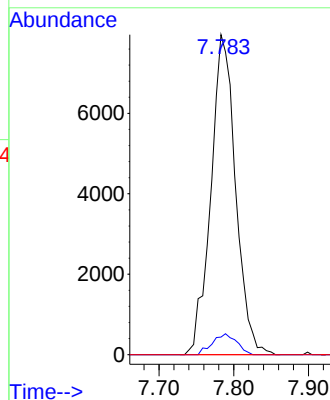
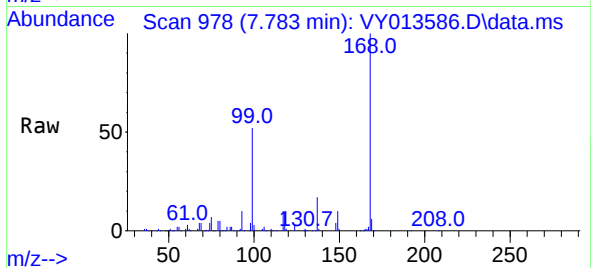




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

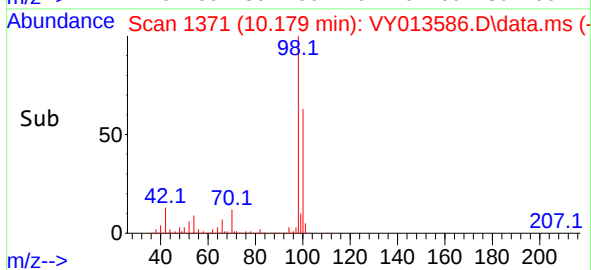
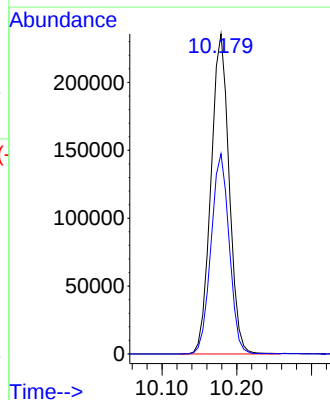
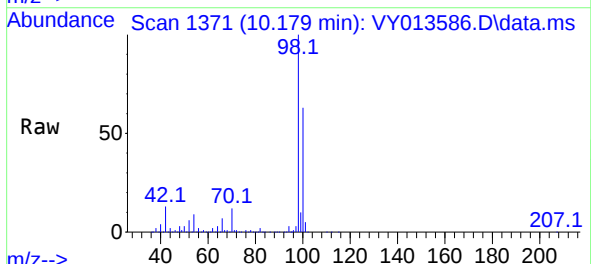
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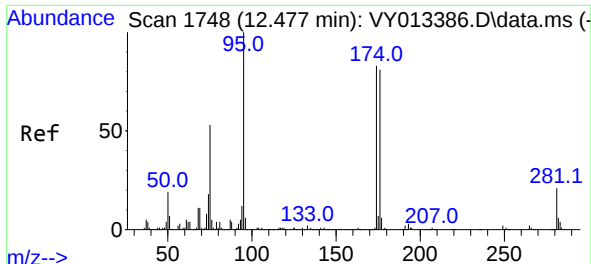
Tgt Ion:117 Resp: 18332
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.501 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Tgt Ion: 98 Resp: 397798
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7

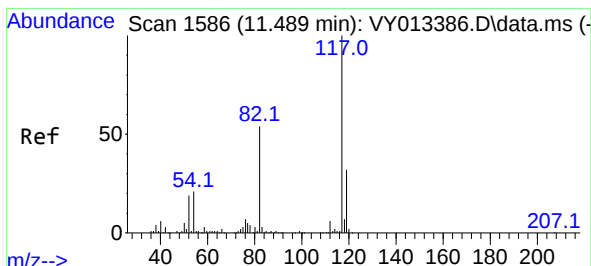
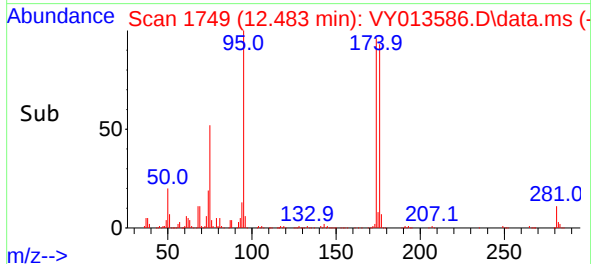
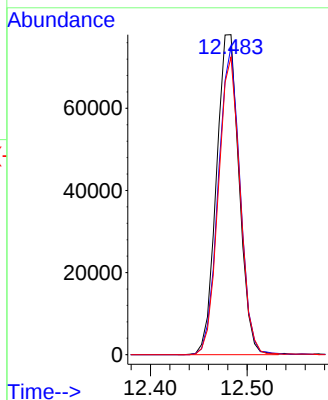
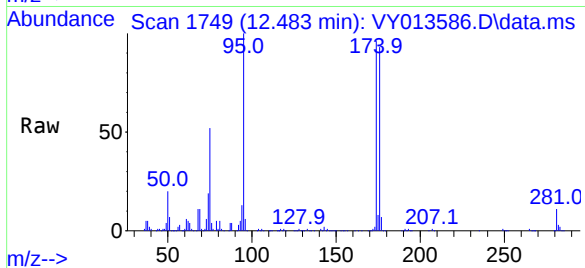




#62
4-Bromofluorobenzene
Concen: 52.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

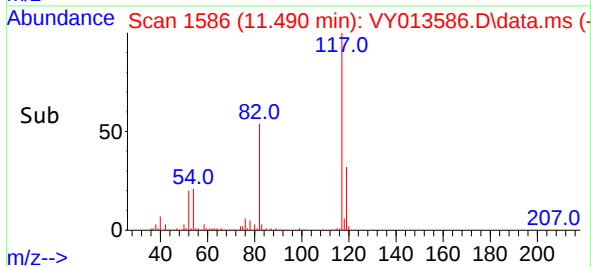
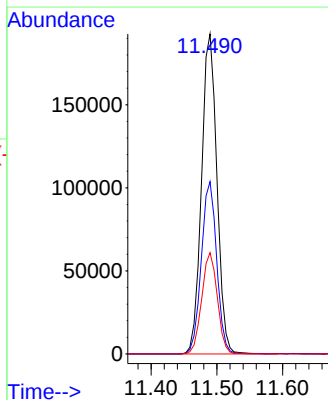
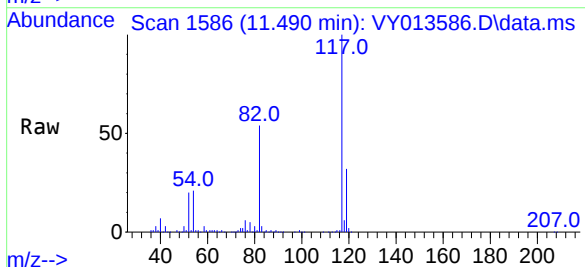
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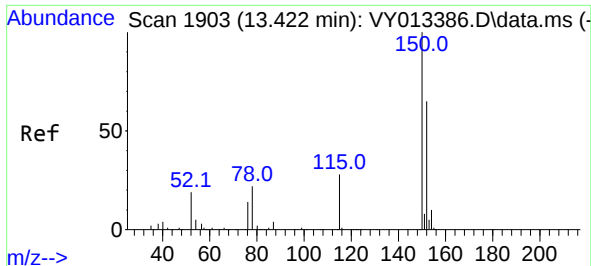
Tgt Ion: 95 Resp: 126735
Ion Ratio Lower Upper
95 100
174 92.1 0.0 182.0
176 89.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Tgt Ion: 117 Resp: 314303
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 31.7 25.5 38.3

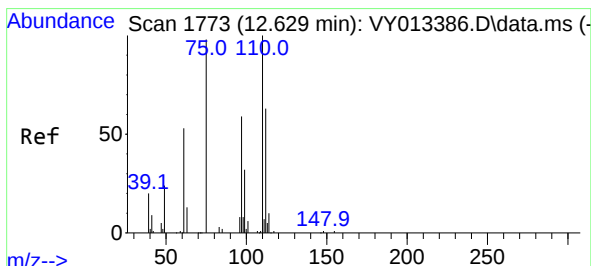
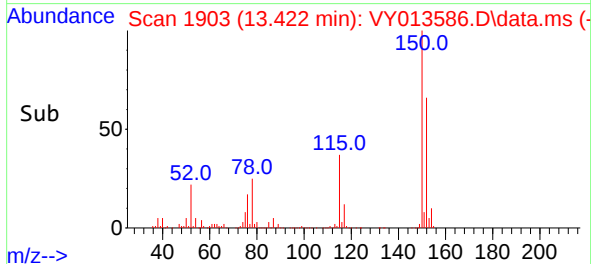
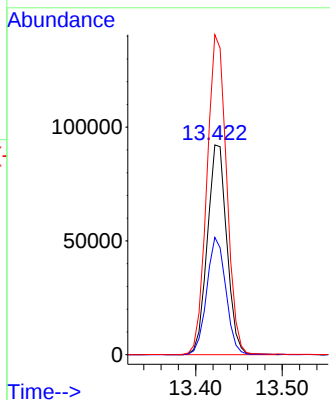
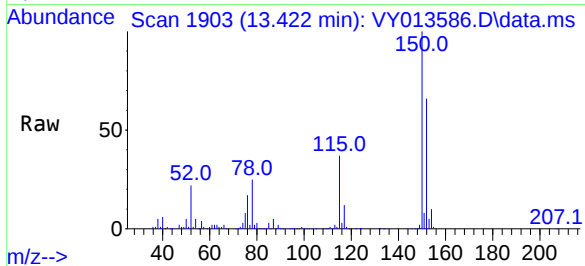




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013586.D
 Acq: 03 May 2023 16:57

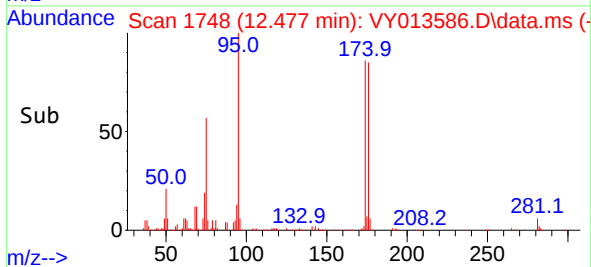
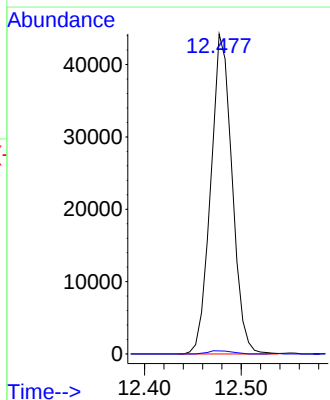
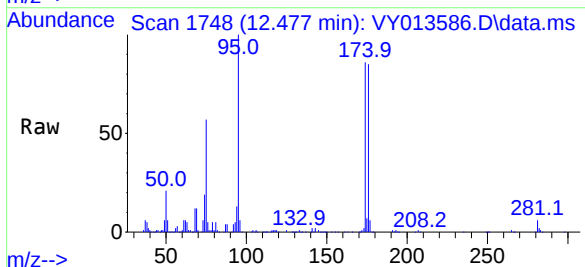
Instrument :
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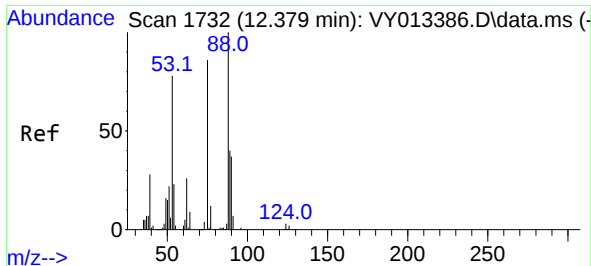
Tgt Ion:152 Resp: 144123
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.1 84.2
 150 154.1 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 34.817 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013586.D
 Acq: 03 May 2023 16:57

Tgt Ion: 75 Resp: 67673
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.220 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013586.D
Acq: 03 May 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-050123

Tgt Ion: 75 Resp: 67673
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.0 38.0 57.0#

