

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013610.D
 Acq On : 04 May 2023 19:10
 Operator : KP/MD
 Sample : 02588-15
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-B-UNK-05022023

Quant Time: May 05 01:01:24 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

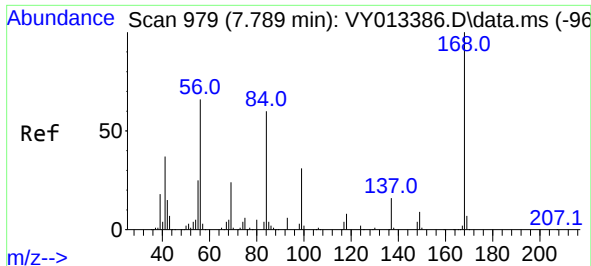
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	210808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149649	64.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.520%	
35) Dibromofluoromethane	7.710	113	118987	53.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.179	98	428880	54.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.477	95	139370	52.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	4702	Below Cal		88
31) Cyclohexane	7.789	56	4467	1.080	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	15783	4.285	ug/l #	48
38) Carbon Tetrachloride	7.789	117	20401	5.284	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	75876	35.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75876	72.802	ug/l #	13

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

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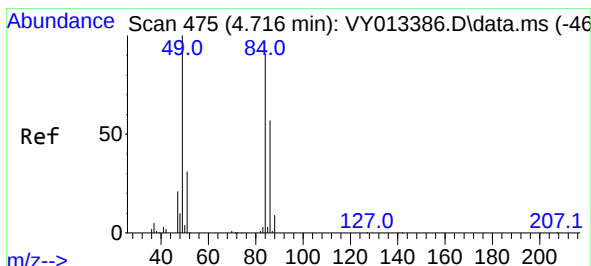
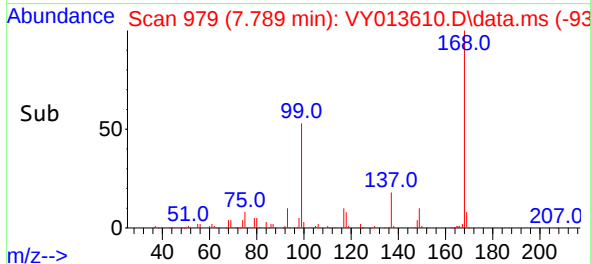
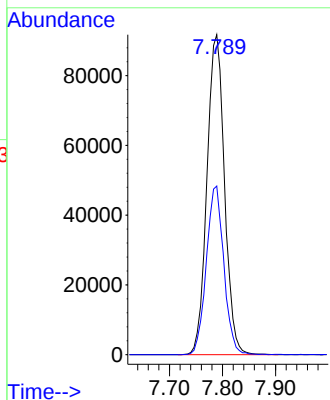
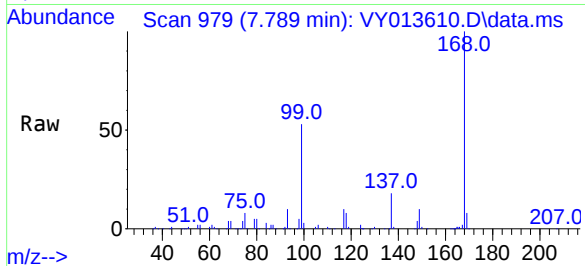




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

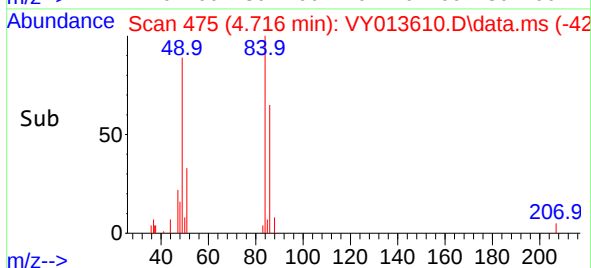
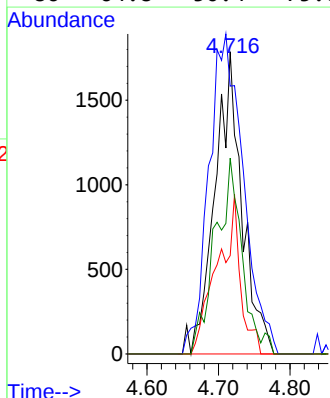
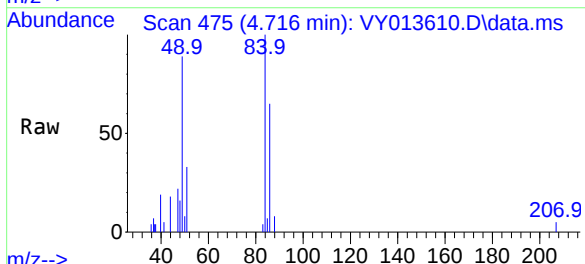
Instrument :
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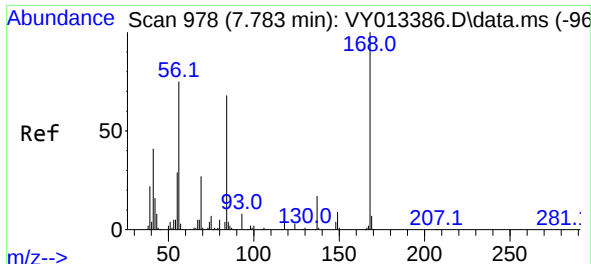
Tgt Ion:168 Resp: 210808
Ion Ratio Lower Upper
168 100
99 52.7 41.8 62.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion: 84 Resp: 4702
Ion Ratio Lower Upper
84 100
49 88.6 88.0 132.0
51 32.6 27.4 41.0
86 64.8 50.4 75.6

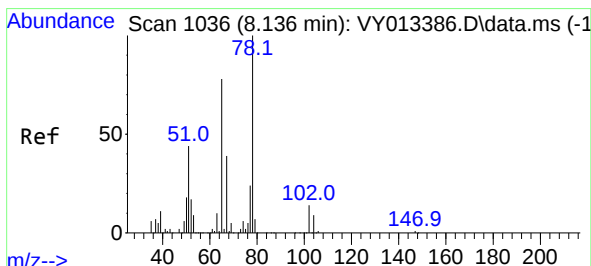
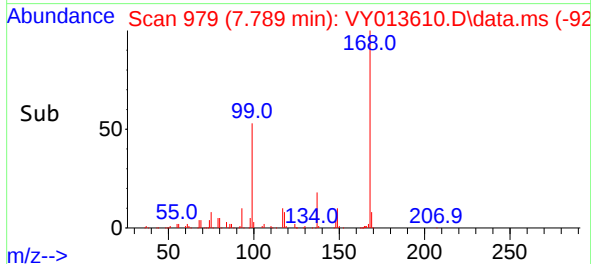
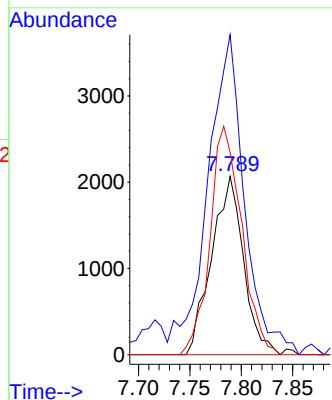
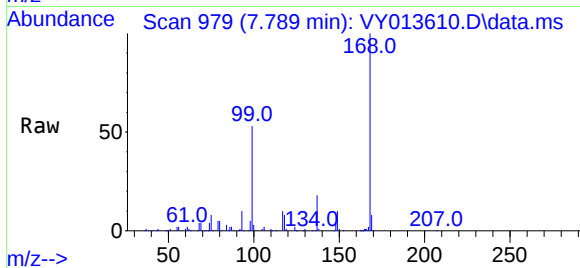




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

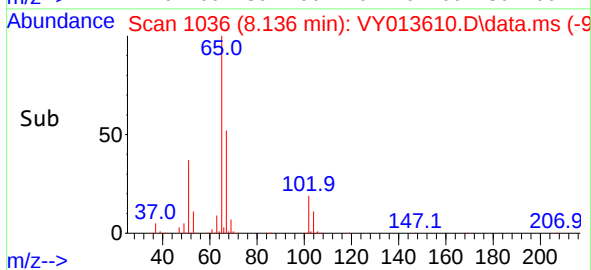
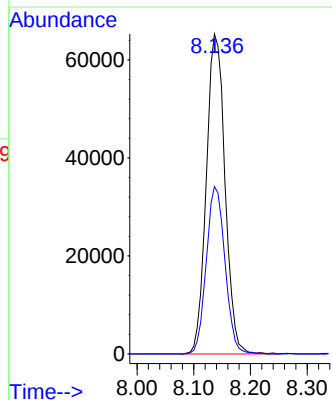
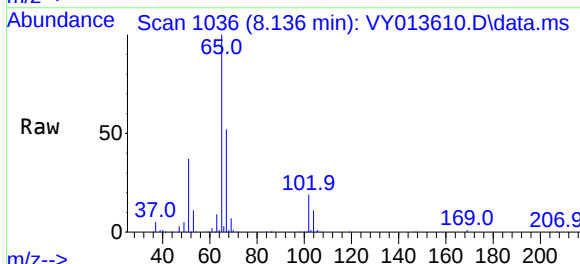
Instrument :
MSVOA_Y
ClientSampleId :
PILE-B-UNK-05022023

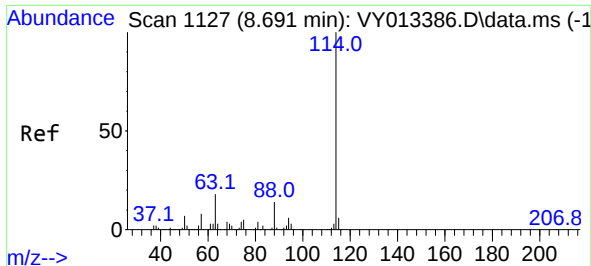
Tgt Ion: 56 Resp: 4467
Ion Ratio Lower Upper
56 100
69 166.8 29.2 43.8#
84 113.5 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 64.757 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion: 65 Resp: 149649
Ion Ratio Lower Upper
65 100
67 52.4 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: VY013610.D

Acq: 04 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

PILE-B-UNK-05022023

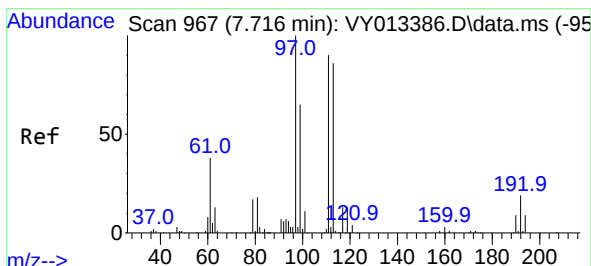
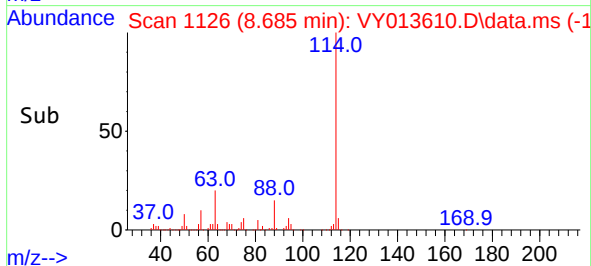
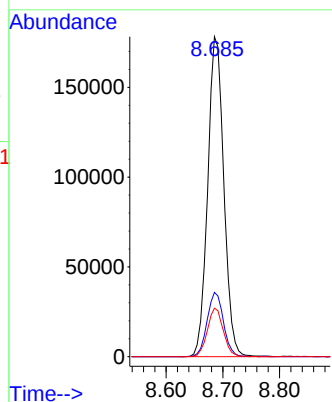
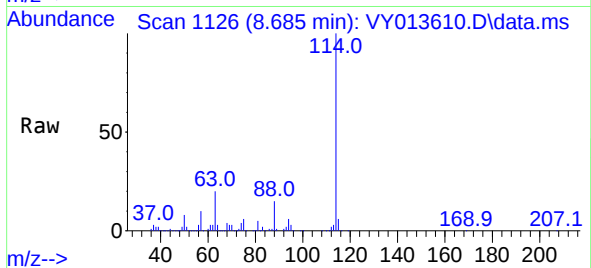
Tgt Ion:114 Resp: 352882

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.611 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013610.D

Acq: 04 May 2023 19:10

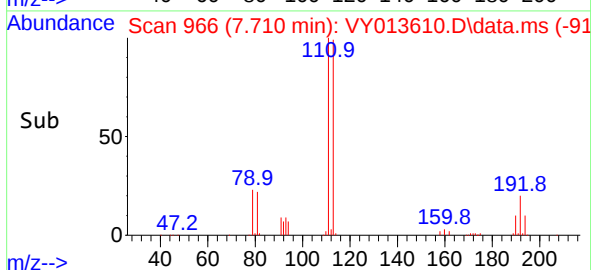
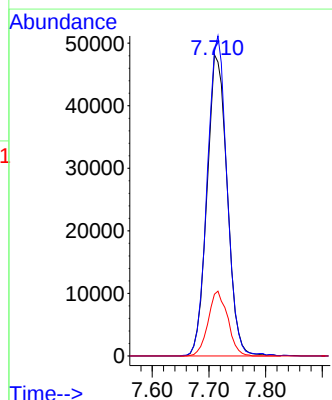
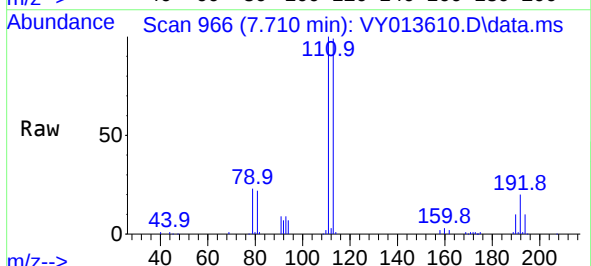
Tgt Ion:113 Resp: 118987

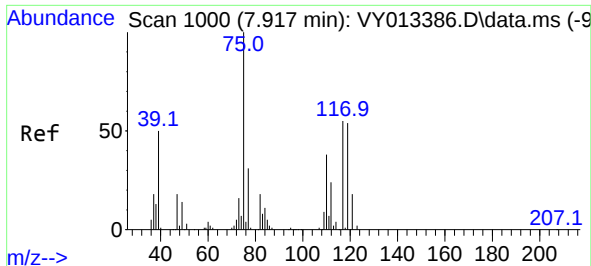
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.8 16.7 25.1

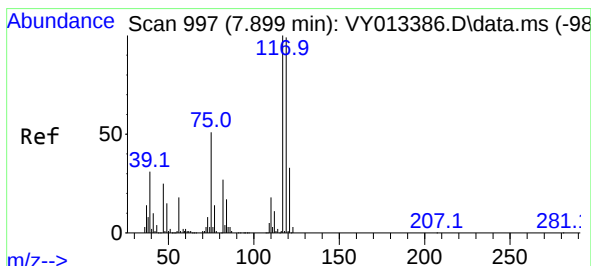
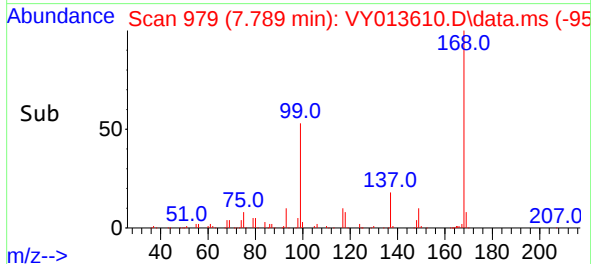
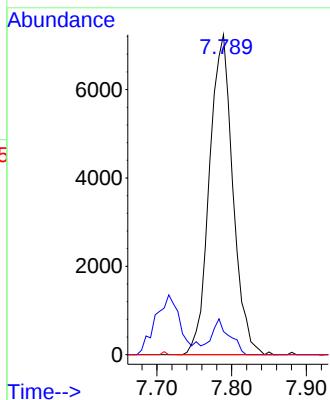
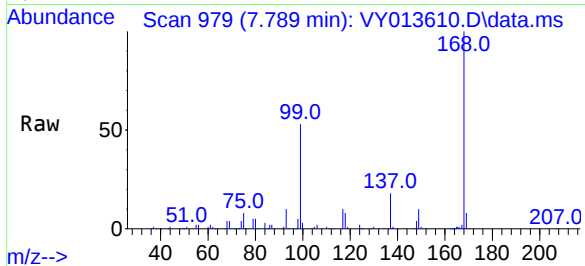




#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

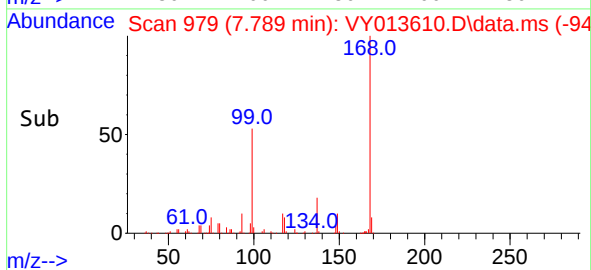
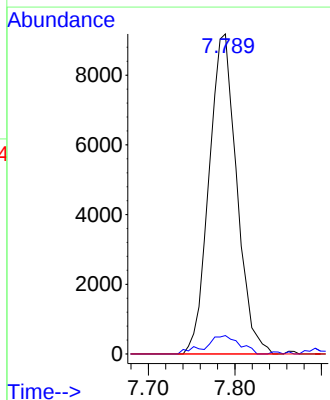
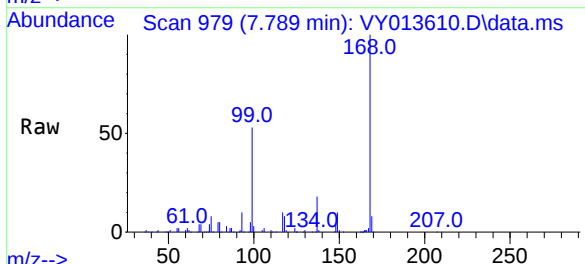
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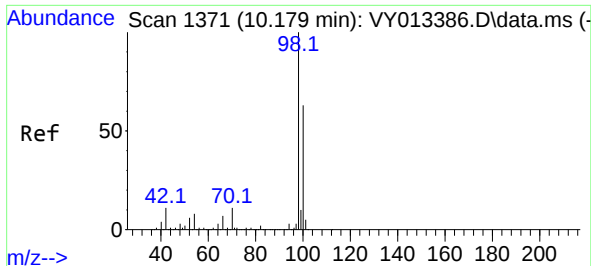
Tgt Ion: 75 Resp: 15783
Ion Ratio Lower Upper
75 100
110 8.6 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion: 117 Resp: 20401
Ion Ratio Lower Upper
117 100
119 5.7 79.0 118.6#
121 0.0 26.6 40.0#

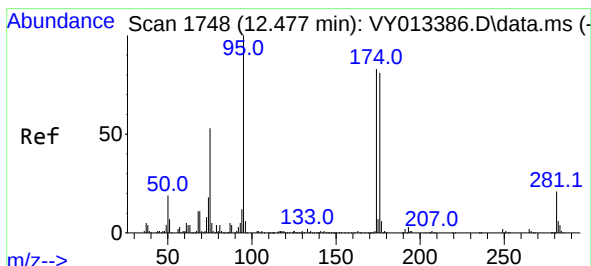
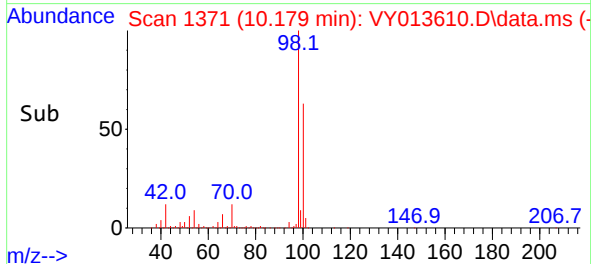
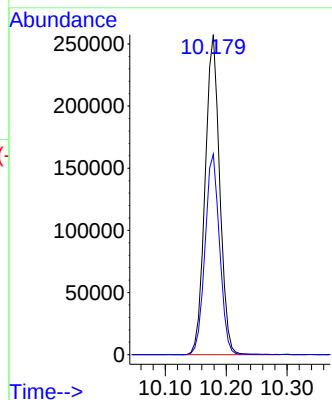
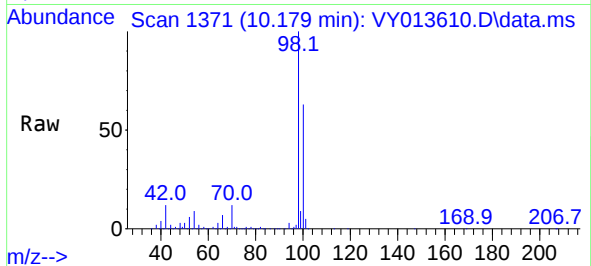




#50
Toluene-d8
Concen: 54.319 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

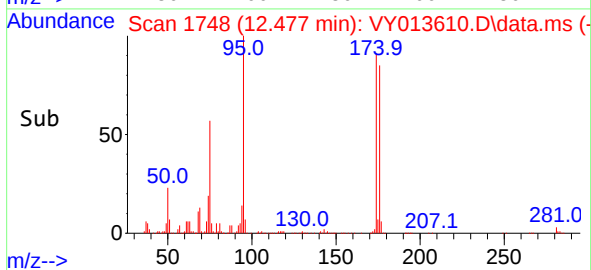
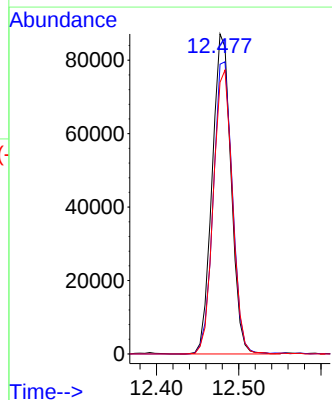
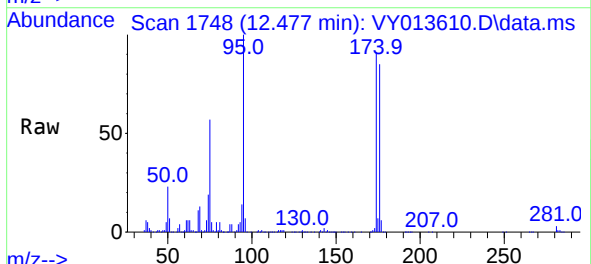
Instrument :
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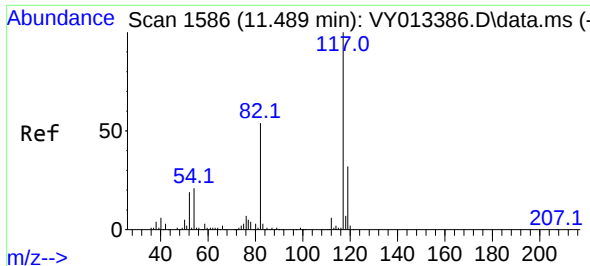
Tgt Ion: 98 Resp: 428880
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.360 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion: 95 Resp: 139370
Ion Ratio Lower Upper
95 100
174 91.6 0.0 182.0
176 89.0 0.0 175.4

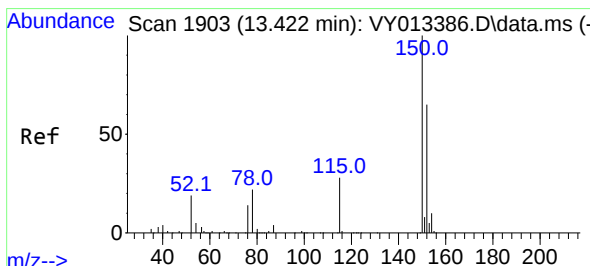
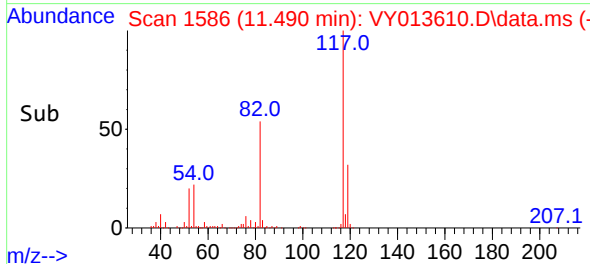
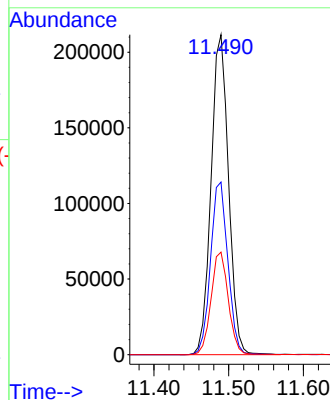
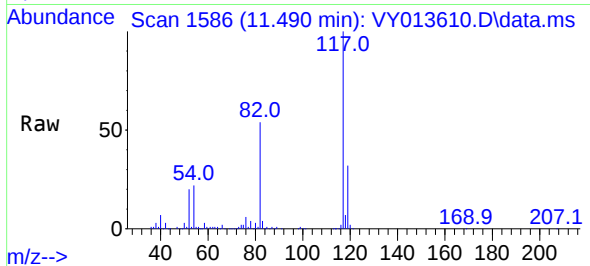




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

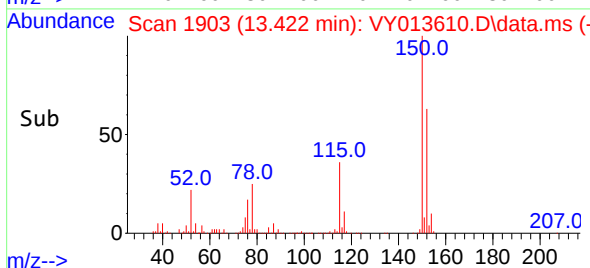
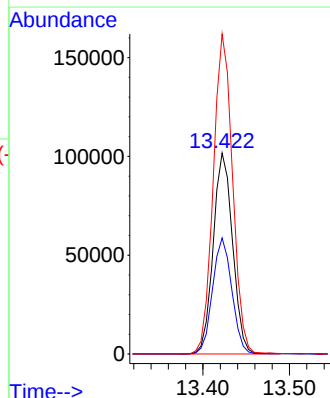
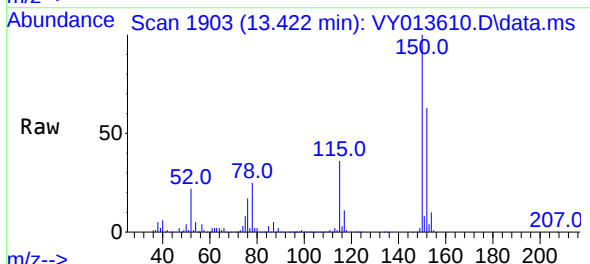
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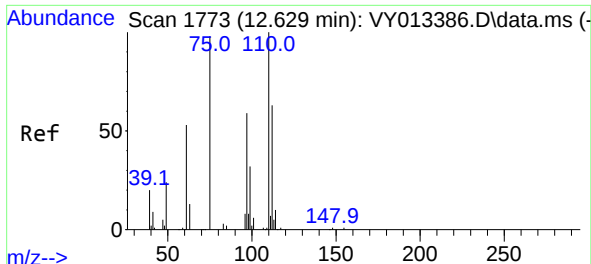
Tgt Ion:	117	Resp:	343447
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.6
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion:	152	Resp:	158083
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.1	84.2
150	158.8	0.0	352.0

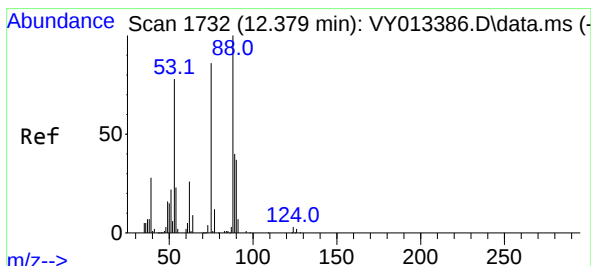
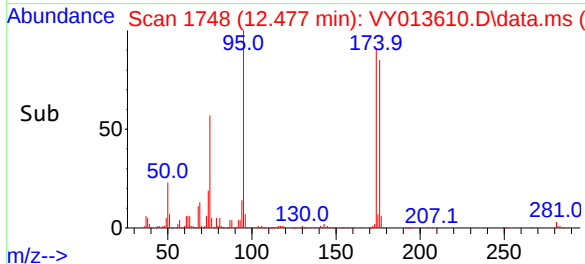
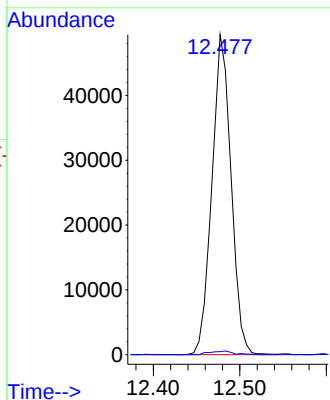
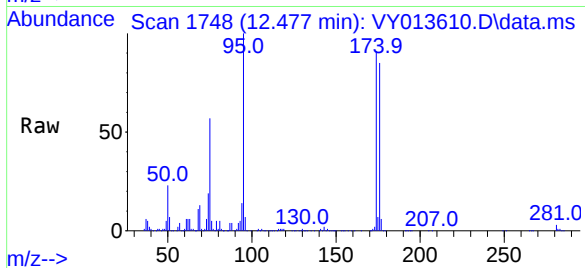




#76
1,2,3-Trichloropropane
Concen: 35.590 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
PILE-B-UNK-05022023

Tgt Ion: 75 Resp: 75876
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013610.D
Acq: 04 May 2023 19:10

Tgt Ion: 75 Resp: 75876
Ion Ratio Lower Upper
75 100
53 0.5 73.2 109.8#
89 0.2 38.0 57.0#

