

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013714.D
 Acq On : 11 May 2023 13:50
 Operator : KP/MD
 Sample : 02743-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-B-SLUDGE

Quant Time: May 12 04:41:59 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)

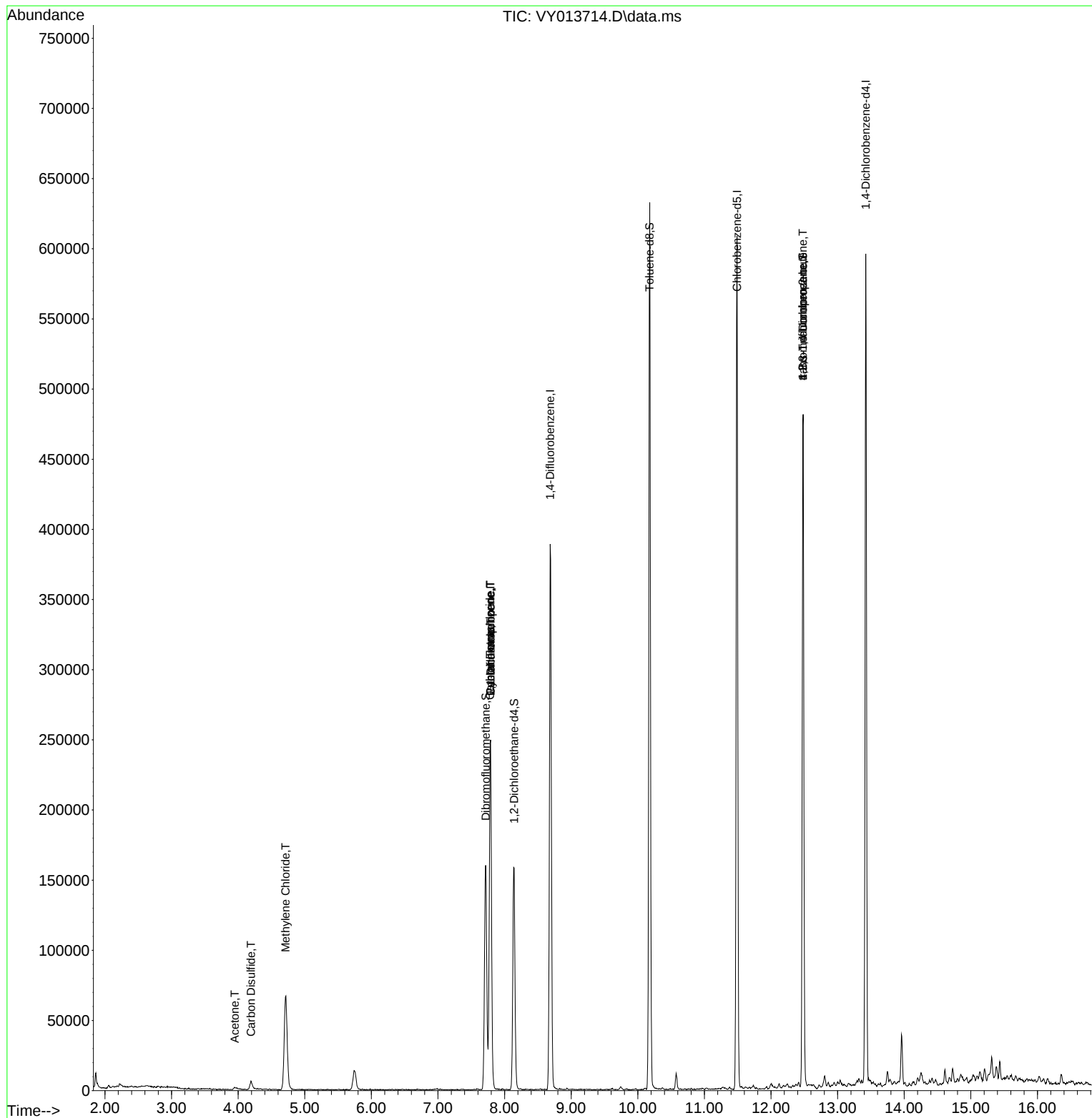
Internal Standards						
1) Pentafluorobenzene	7.789	168	192657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130390	61.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.480%	
35) Dibromofluoromethane	7.716	113	112211	54.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.179	98	403650	54.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.477	95	131206	52.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3319	3.991	ug/l	95
17) Carbon Disulfide	4.192	76	10096	1.552	ug/l	96
20) Methylene Chloride	4.710	84	49182	12.869	ug/l	92
31) Cyclohexane	7.789	56	4654	1.231	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	15040	4.374	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19205	5.329	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	71986	35.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71986	72.764	ug/l #	13

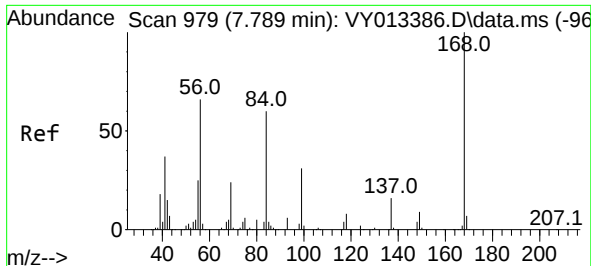
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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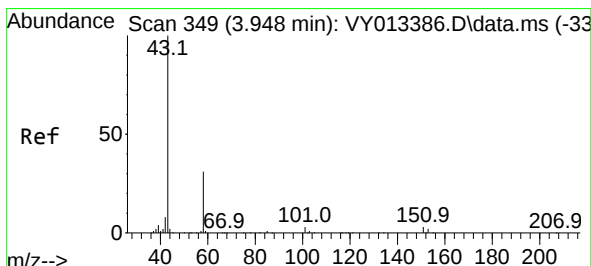
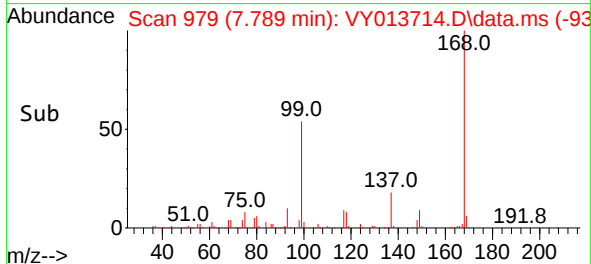
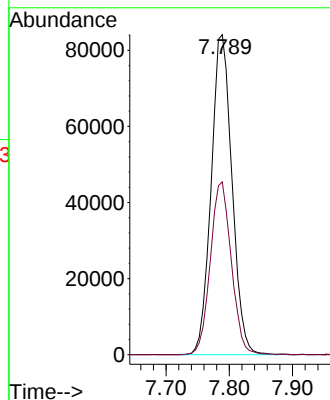
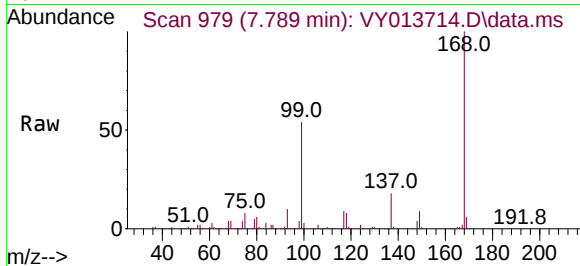




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

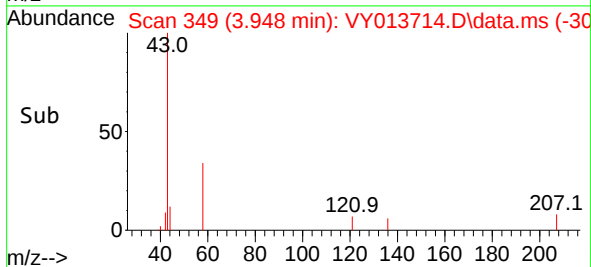
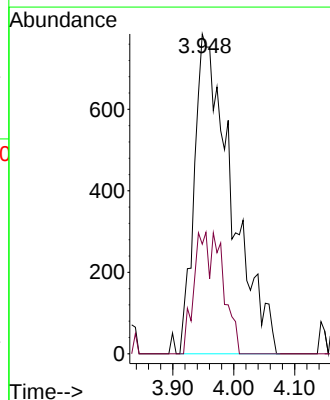
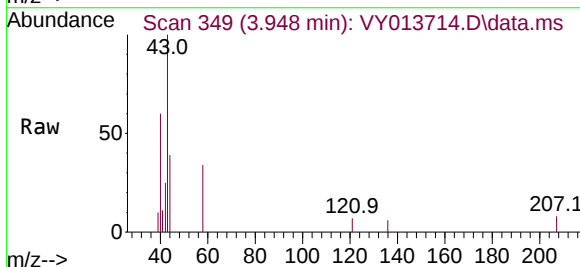
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-B-SLUDGE

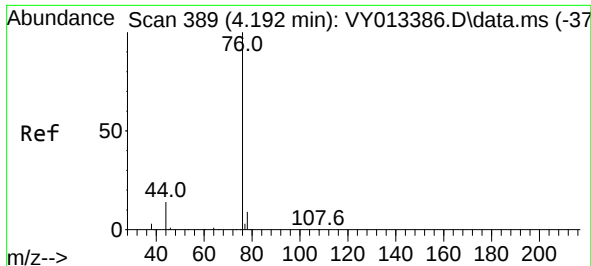
Tgt Ion:168 Resp: 192657
Ion Ratio Lower Upper
168 100
99 54.0 41.8 62.6



#16
Acetone
Concen: 3.991 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 43 Resp: 3319
Ion Ratio Lower Upper
43 100
58 34.3 25.4 38.0

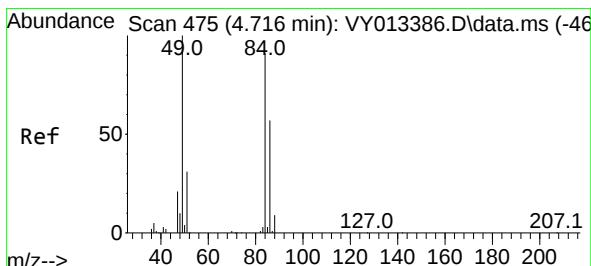
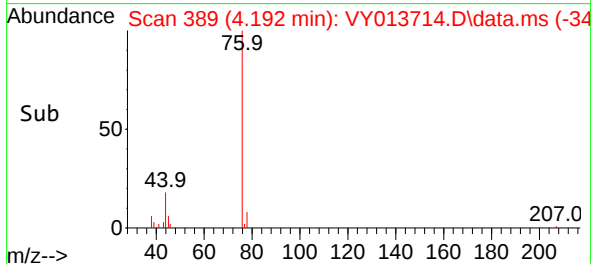
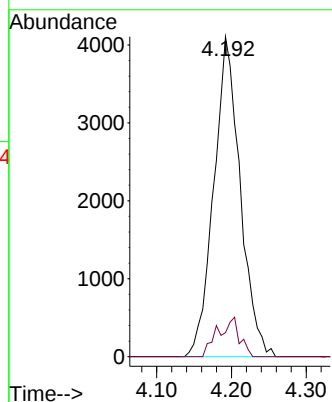
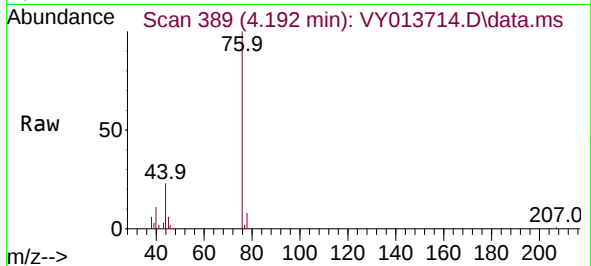




#17
Carbon Disulfide
Concen: 1.552 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

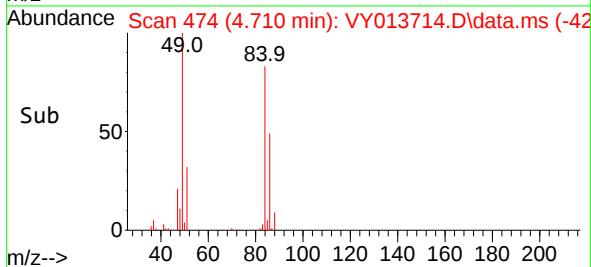
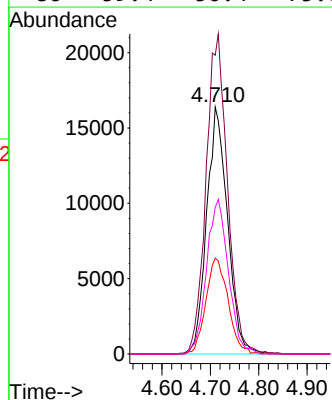
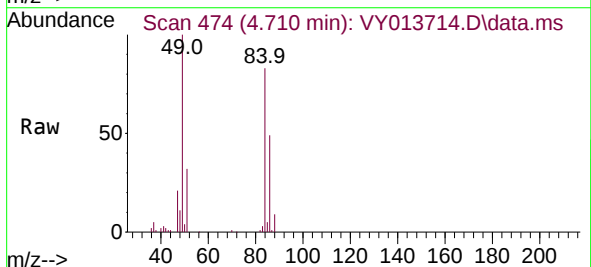
Instrument :
MSVOA_Y
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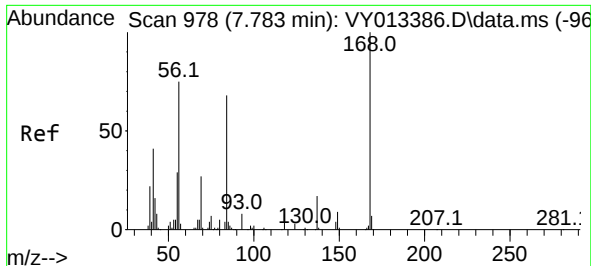
Tgt Ion: 76 Resp: 10096
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8



#20
Methylene Chloride
Concen: 12.869 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 84 Resp: 49182
Ion Ratio Lower Upper
84 100
49 120.6 88.0 132.0
51 38.8 27.4 41.0
86 59.4 50.4 75.6

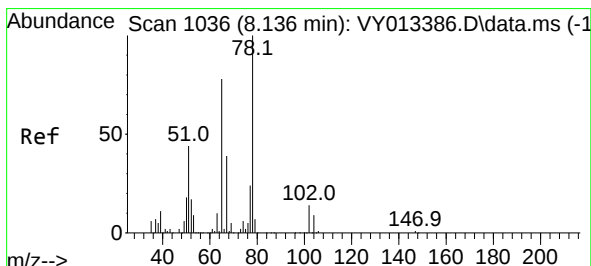
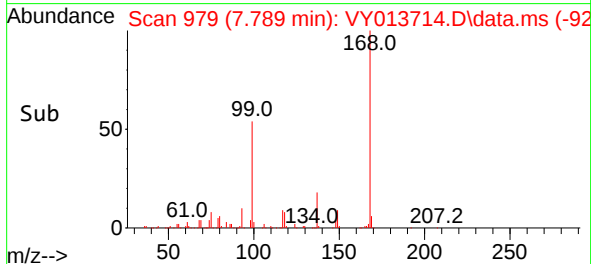
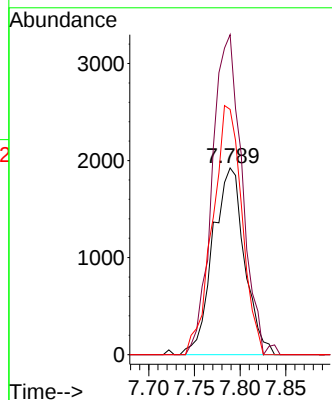
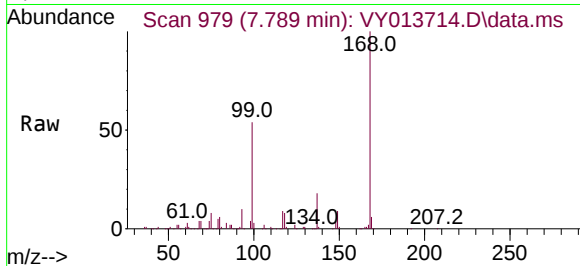




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

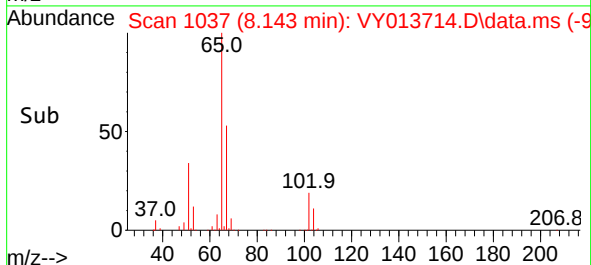
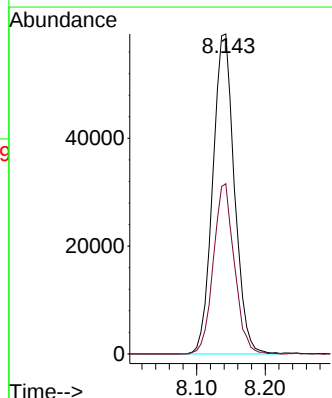
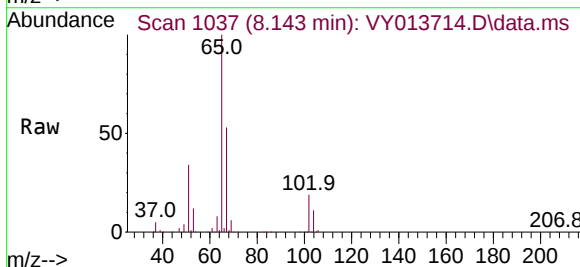
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-B-SLUDGE

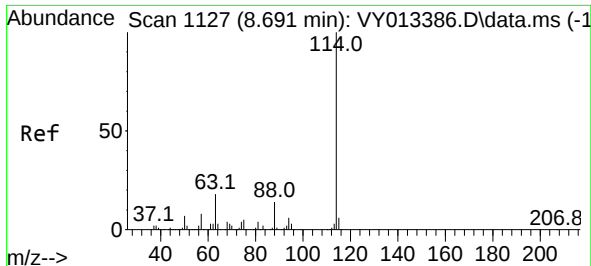
Tgt Ion: 56 Resp: 4654
Ion Ratio Lower Upper
56 100
69 171.4 29.2 43.8#
84 131.4 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.739 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 65 Resp: 130390
Ion Ratio Lower Upper
65 100
67 51.6 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: VY013714.D

Acq: 11 May 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-B-SLUDGE

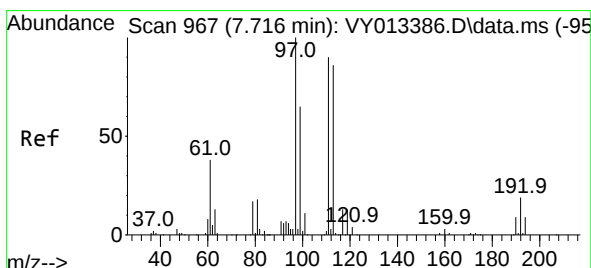
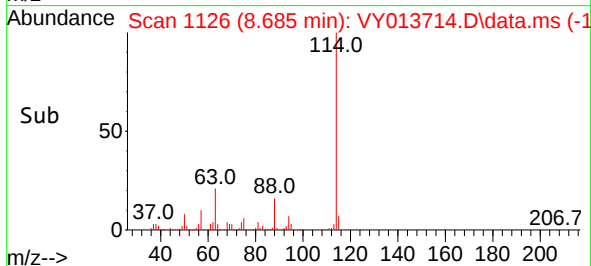
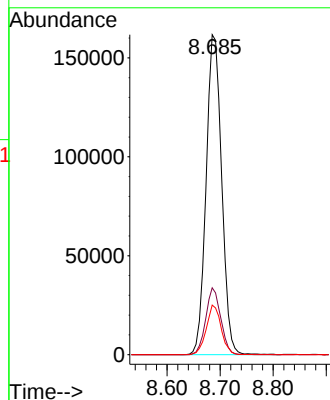
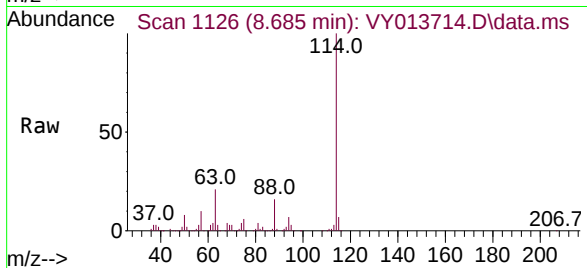
Tgt Ion:114 Resp: 329390

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 15.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.163 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013714.D

Acq: 11 May 2023 13:50

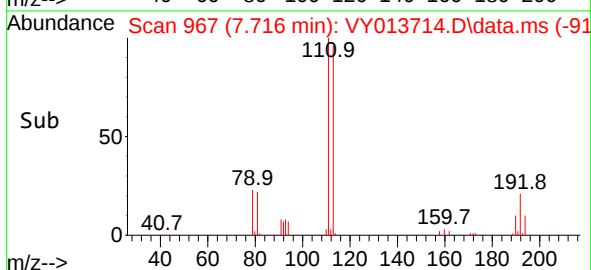
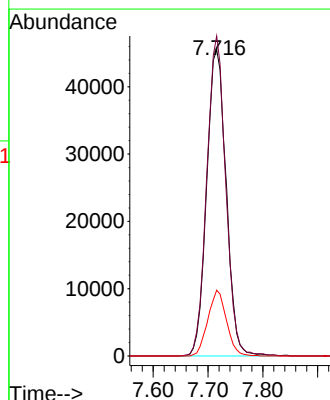
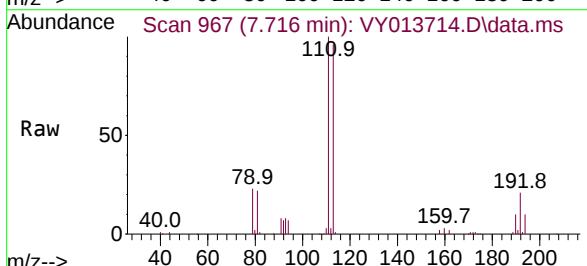
Tgt Ion:113 Resp: 112211

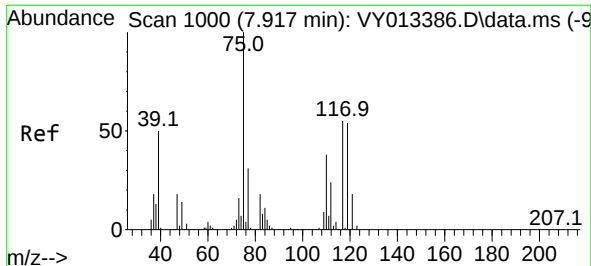
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 20.5 16.7 25.1

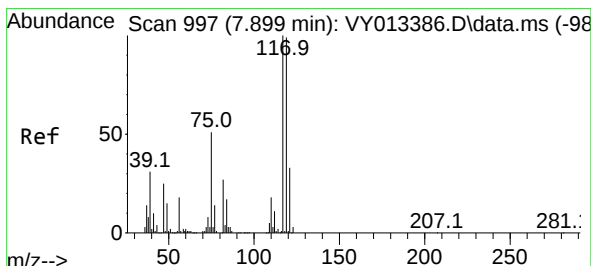
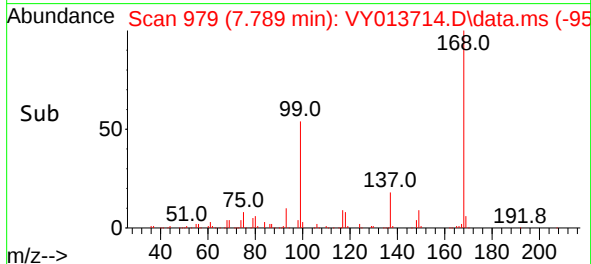
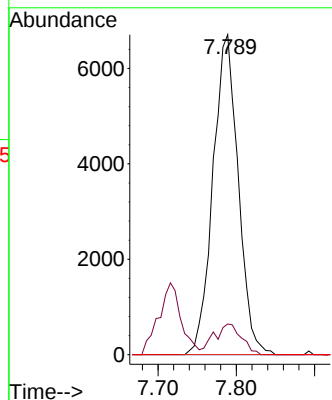
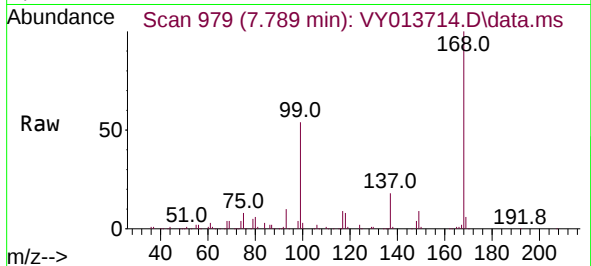




#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

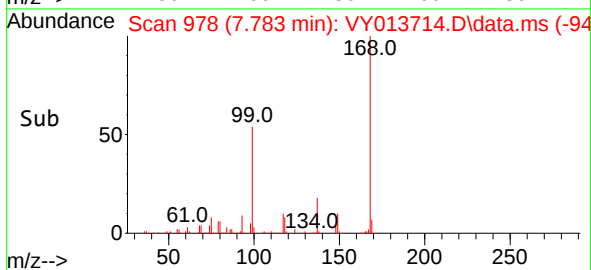
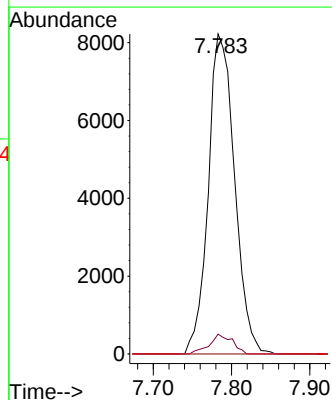
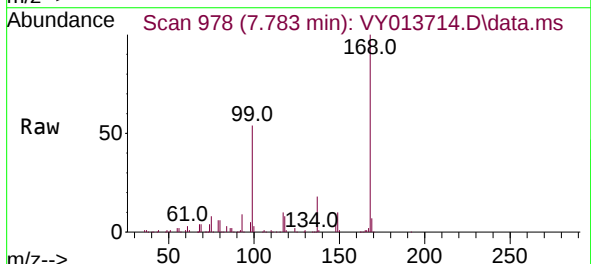
Instrument :
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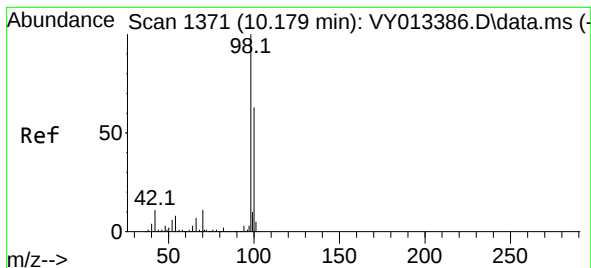
Tgt Ion: 75 Resp: 15040
Ion Ratio Lower Upper
75 100
110 10.4 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 117 Resp: 19205
Ion Ratio Lower Upper
117 100
119 6.2 79.0 118.6#
121 0.0 26.6 40.0#

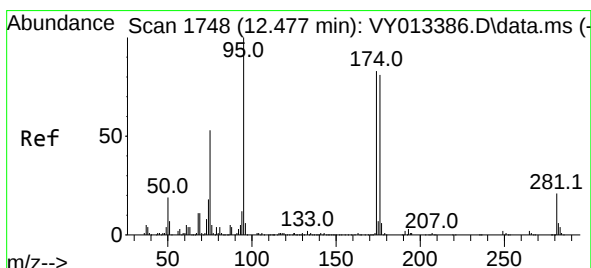
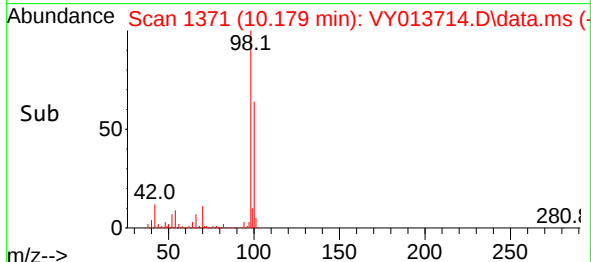
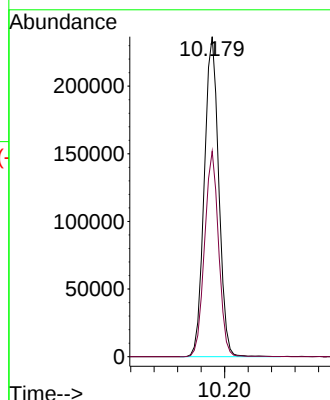
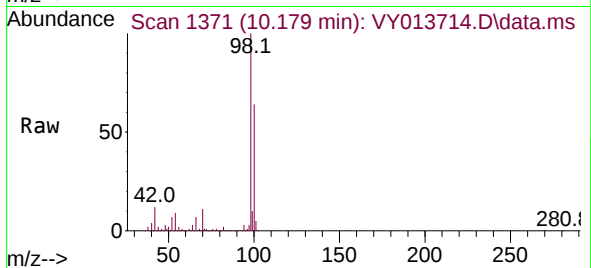




#50
Toluene-d8
Concen: 54.770 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

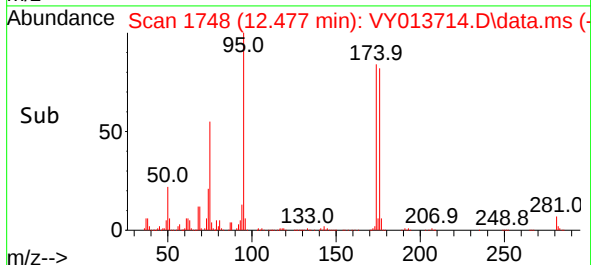
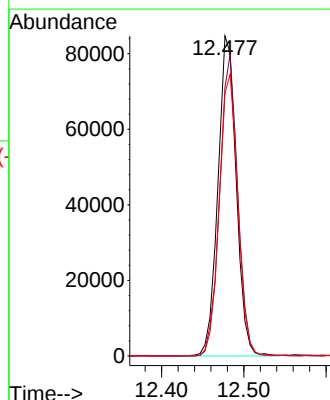
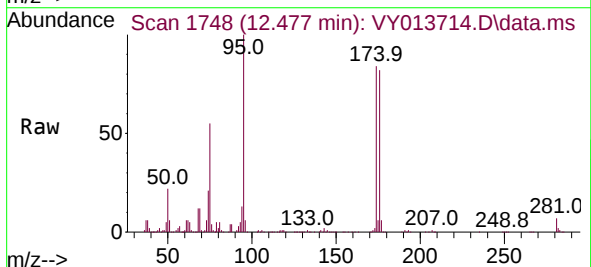
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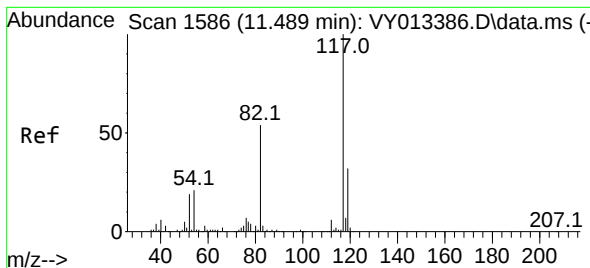
Tgt Ion: 98 Resp: 403650
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 95 Resp: 131206
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.0
176 89.5 0.0 175.4

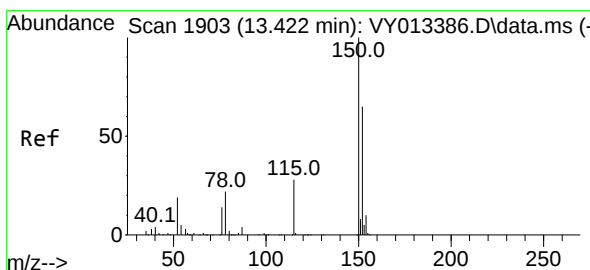
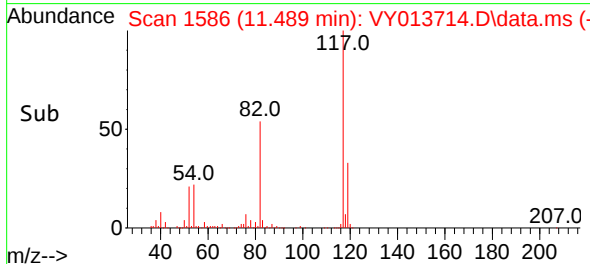
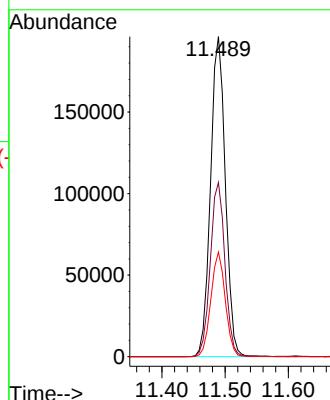
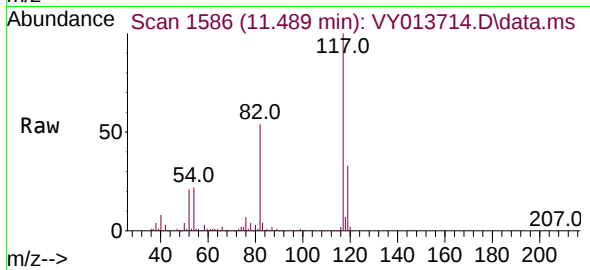




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

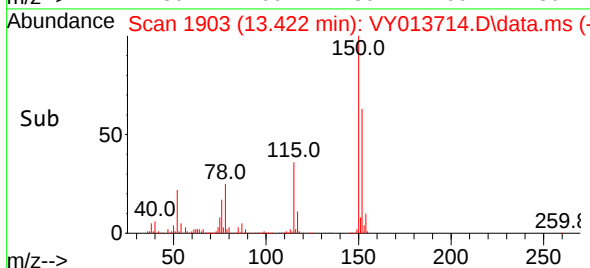
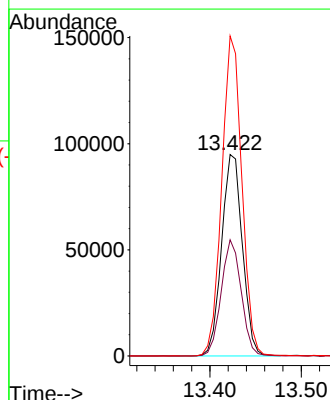
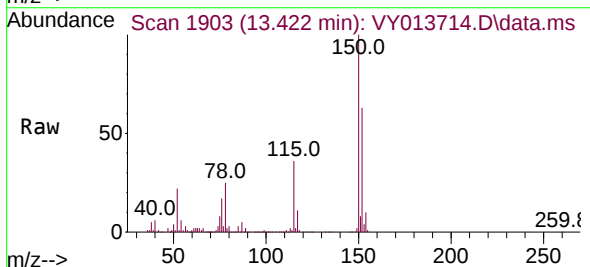
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-B-SLUDGE

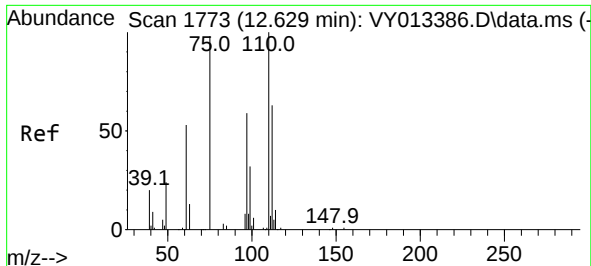
Tgt Ion:117 Resp: 319788
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion:152 Resp: 150056
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 153.8 0.0 352.0

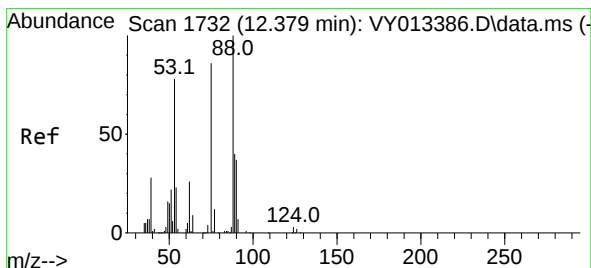
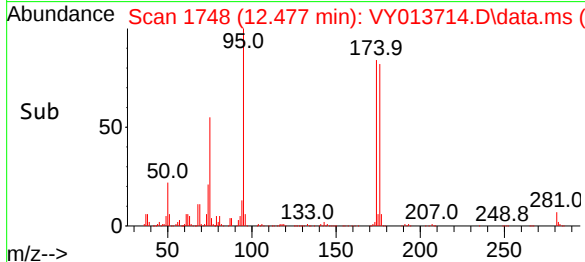
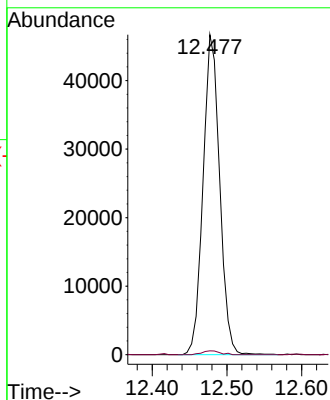
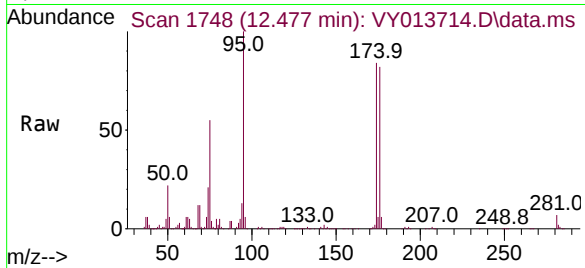




#76
1,2,3-Trichloropropane
Concen: 35.572 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-B-SLUDGE

Tgt Ion: 75 Resp: 71986
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.764 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013714.D
Acq: 11 May 2023 13:50

Tgt Ion: 75 Resp: 71986
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.0 38.0 57.0#

