

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008232.D
 Acq On : 06 Apr 2022 14:08
 Operator : SY/MD
 Sample : N2270-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FARMINGDALE-CLAY-1

Quant Time: Apr 07 02:11:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

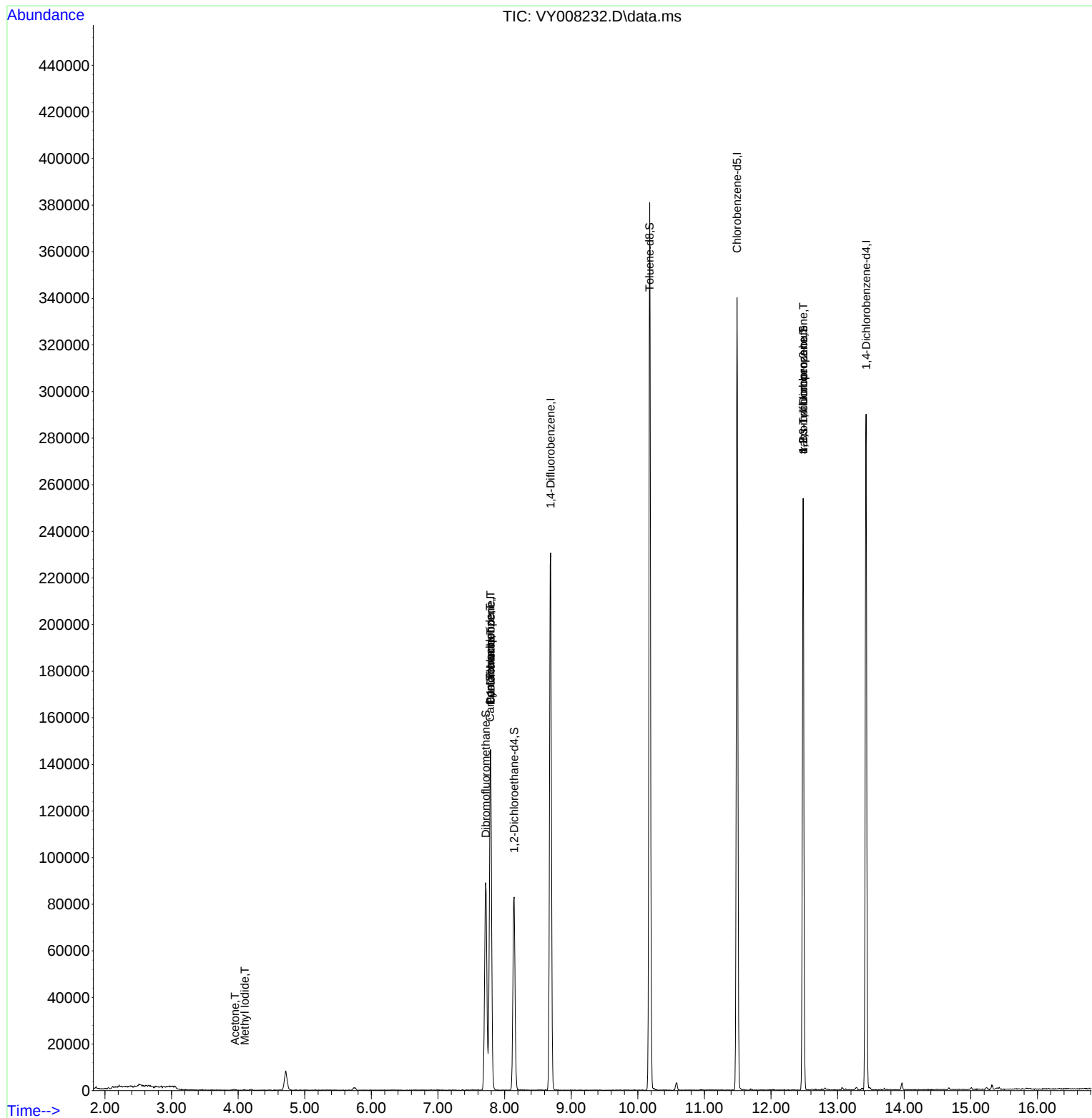
Internal Standards						
1) Pentafluorobenzene	7.789	168	116397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64234	55.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	64203	49.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.179	98	251904	51.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.483	95	76662	44.528	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	216	1.831	ug/l #	35
16) Acetone	3.954	43	606	2.270	ug/l	94
18) Methyl Acetate	4.466	43	258	Below Cal	#	56
20) Methylene Chloride	4.716	84	6245	Below Cal		84
31) Cyclohexane	7.789	56	2368	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8731	4.291	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11267	5.081	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39502	43.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39502	97.505	ug/l #	7

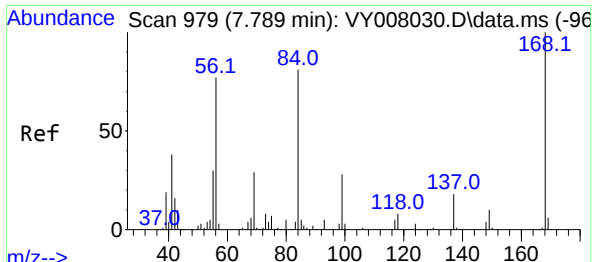
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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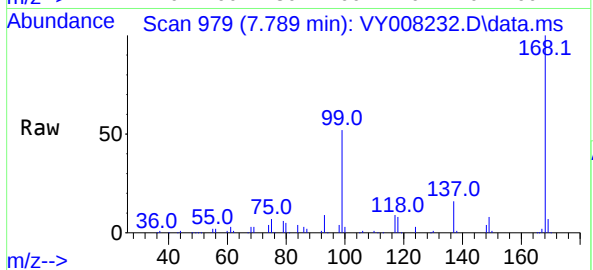
Quant Time: Apr 07 02:11:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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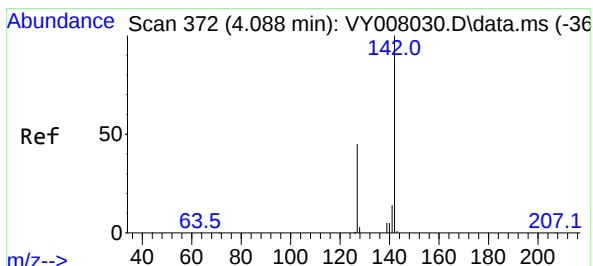
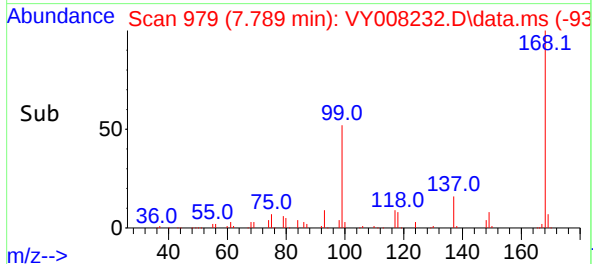
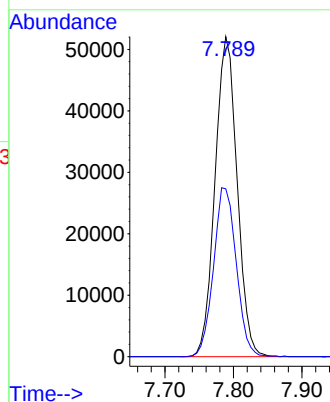


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :
FARMINGDALE-CLAY-1

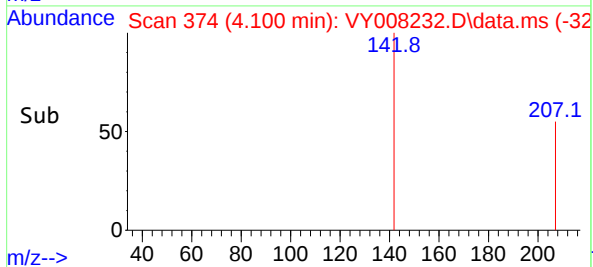
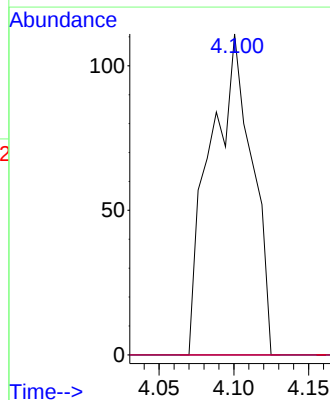
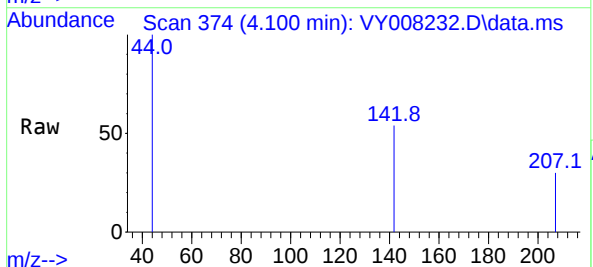


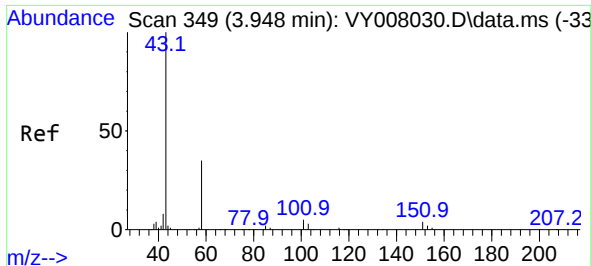
Tgt Ion:168 Resp: 116397
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.831 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion:142 Resp: 216
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

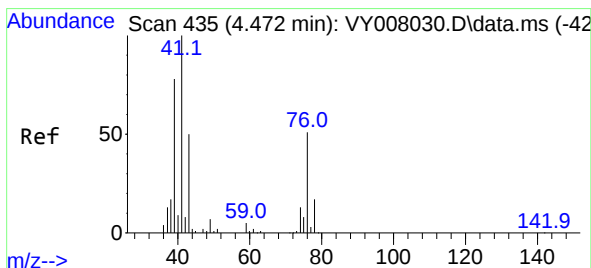
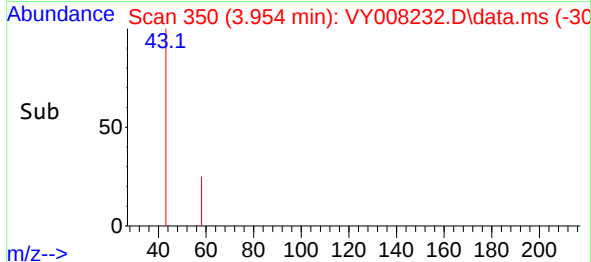
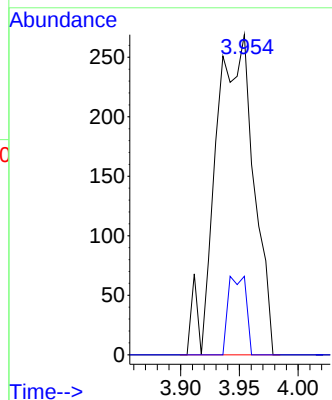
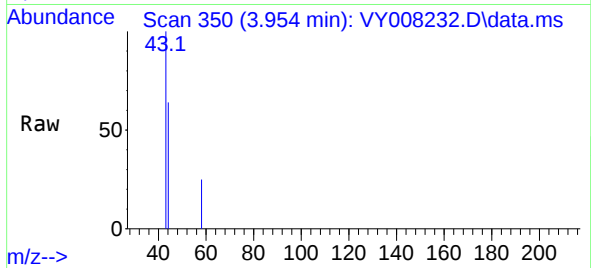




#16
Acetone
Concen: 2.270 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

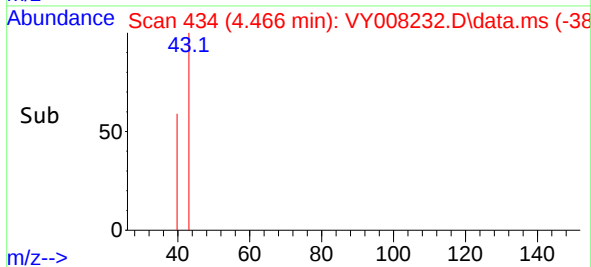
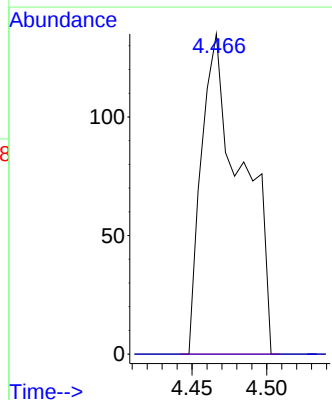
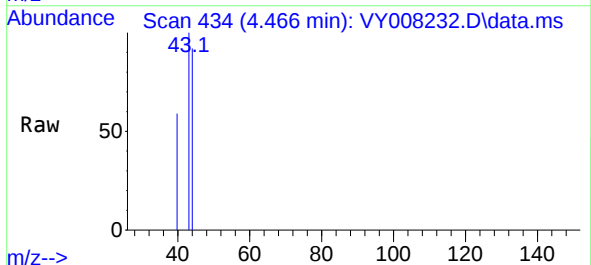
Instrument :
MSVOA_Y
ClientSampleId :
FARMINGDALE-CLAY-1

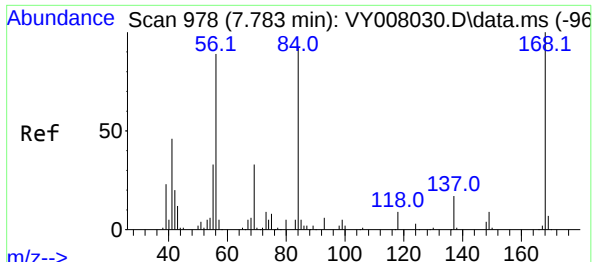
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

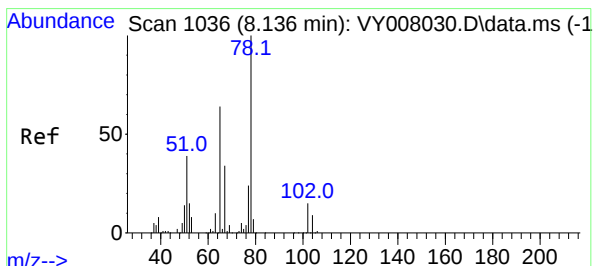
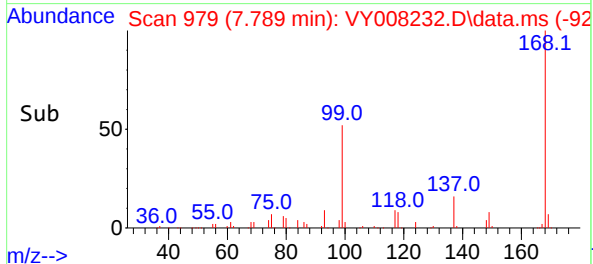
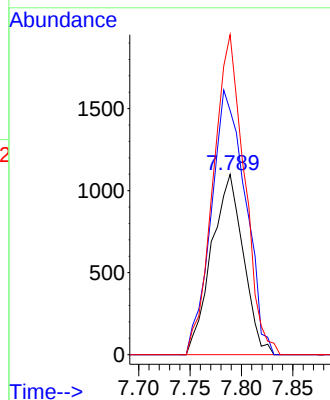
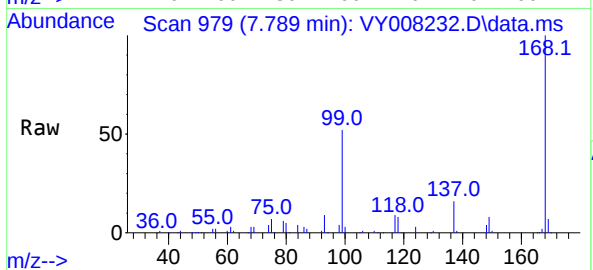




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

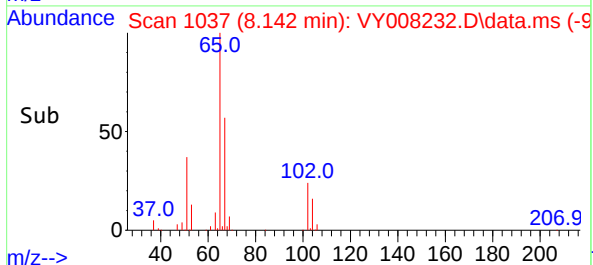
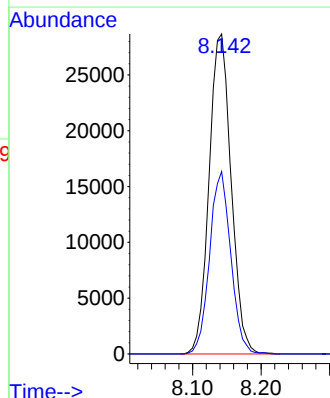
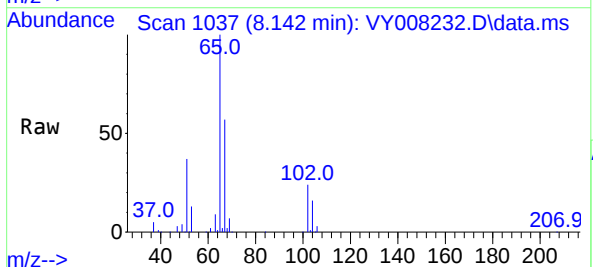
Instrument :
MSVOA_Y
ClientSampleId :
FARMINGDALE-CLAY-1

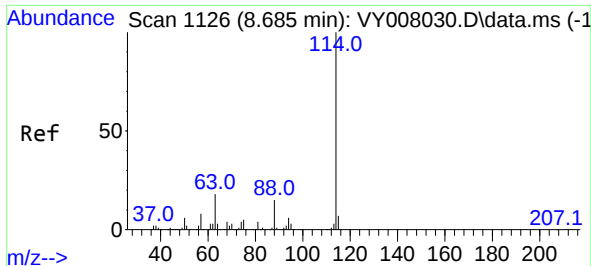
Tgt Ion: 56 Resp: 2368
Ion Ratio Lower Upper
56 100
69 135.5 26.7 40.1#
84 177.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.004 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion: 65 Resp: 64234
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008232.D

Acq: 06 Apr 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

FARMINGDALE-CLAY-1

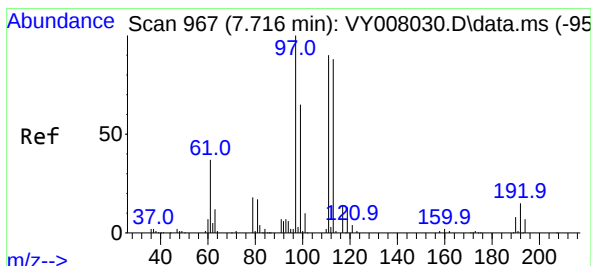
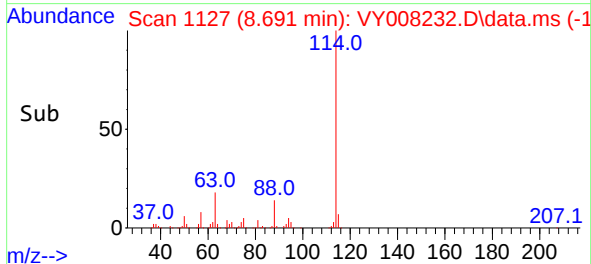
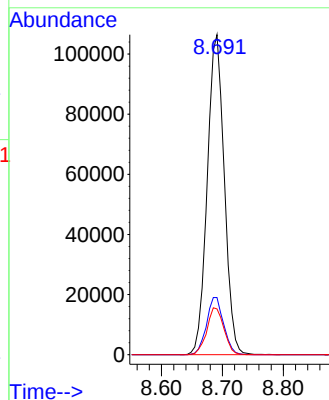
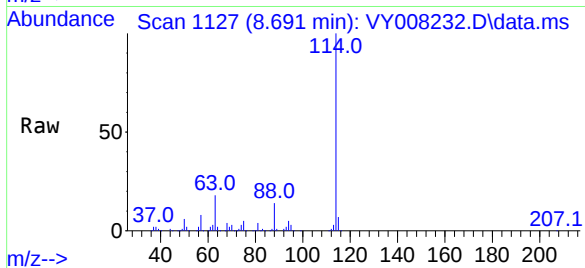
Tgt Ion:114 Resp: 206593

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.567 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008232.D

Acq: 06 Apr 2022 14:08

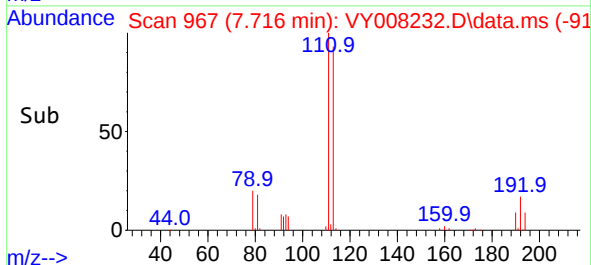
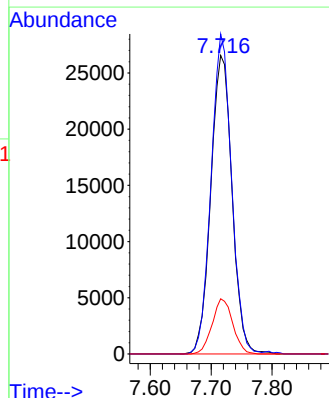
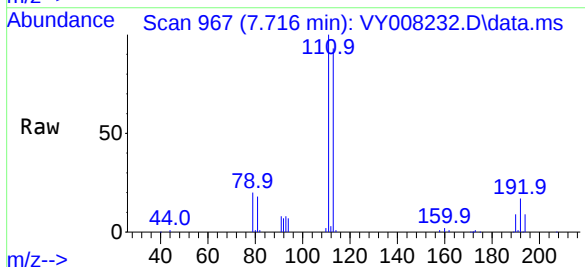
Tgt Ion:113 Resp: 64203

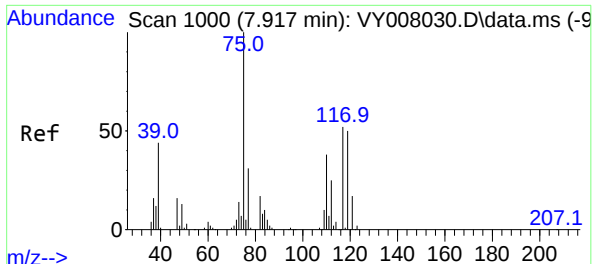
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 17.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.291 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008232.D

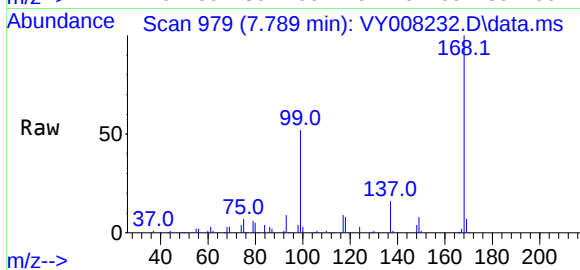
Acq: 06 Apr 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

FARMINGDALE-CLAY-1



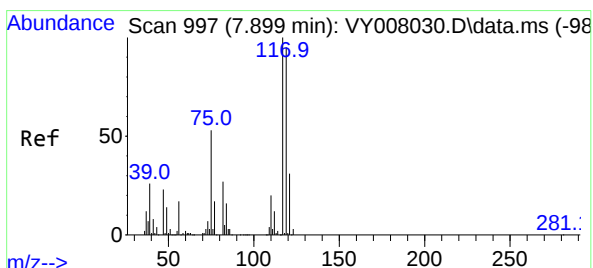
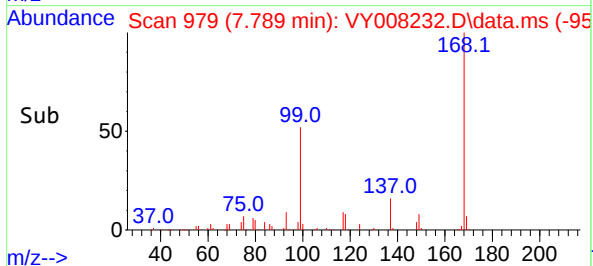
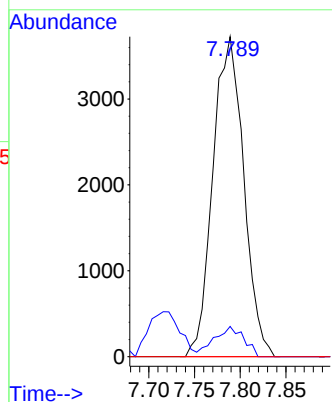
Tgt Ion: 75 Resp: 8731

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.081 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008232.D

Acq: 06 Apr 2022 14:08

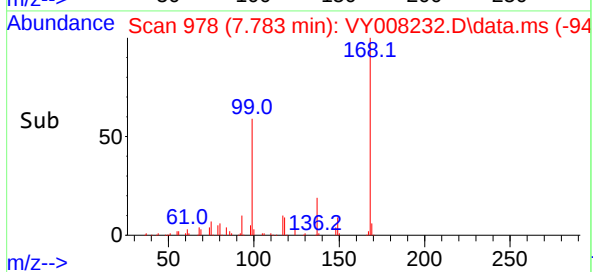
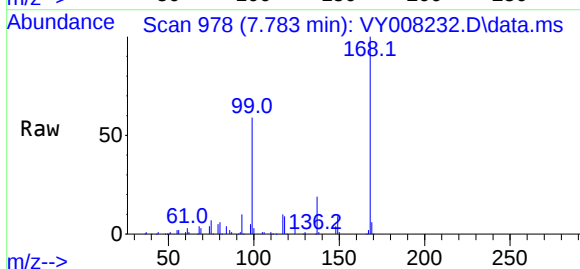
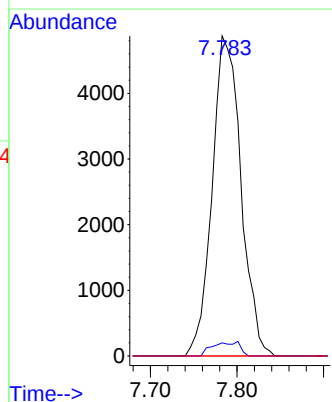
Tgt Ion: 117 Resp: 11267

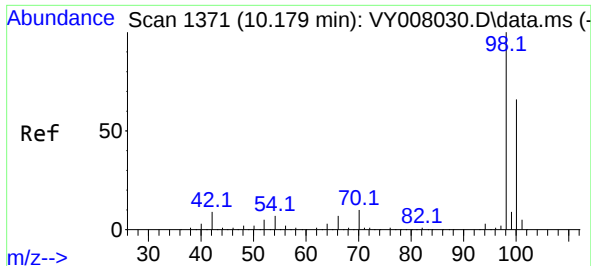
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

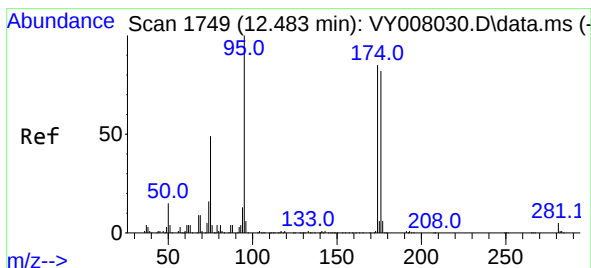
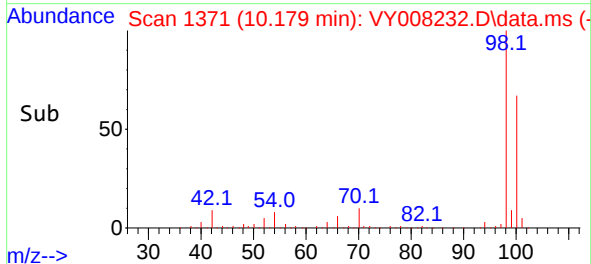
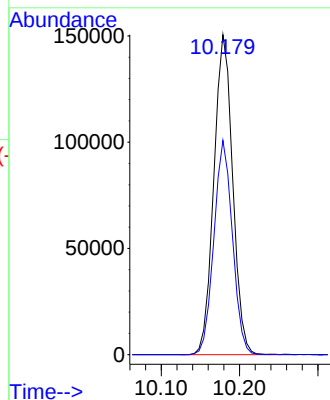
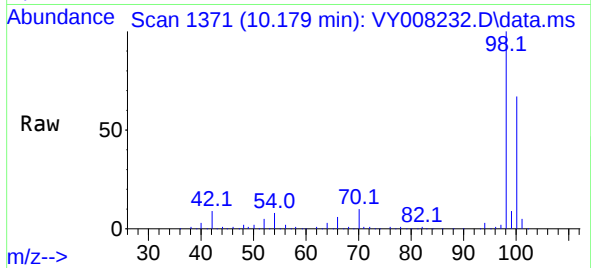




#50
Toluene-d8
Concen: 51.620 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

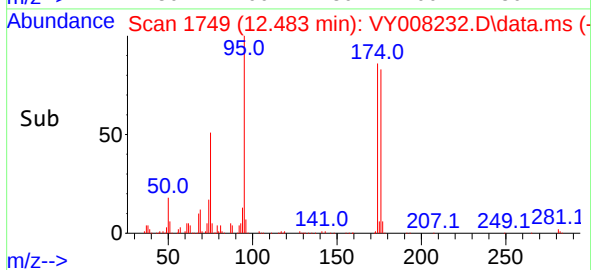
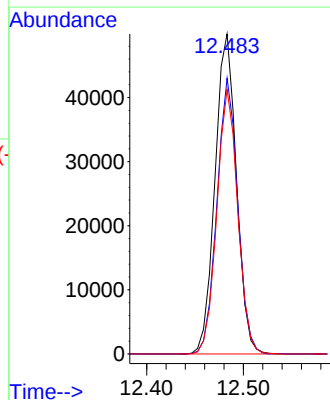
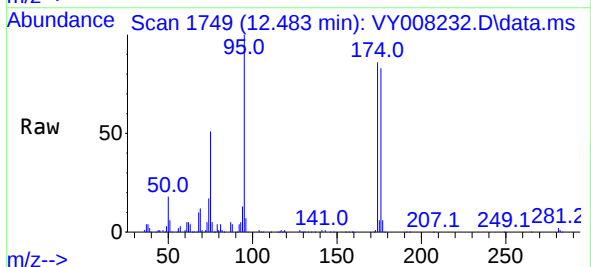
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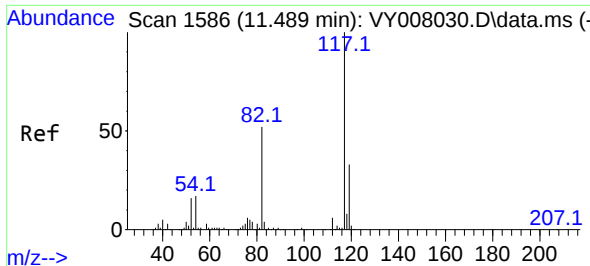
Tgt Ion: 98 Resp: 251904
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion: 95 Resp: 76662
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 80.3 0.0 175.8

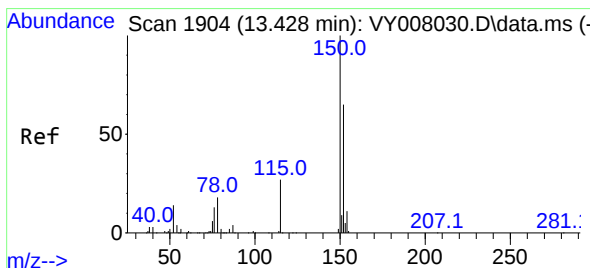
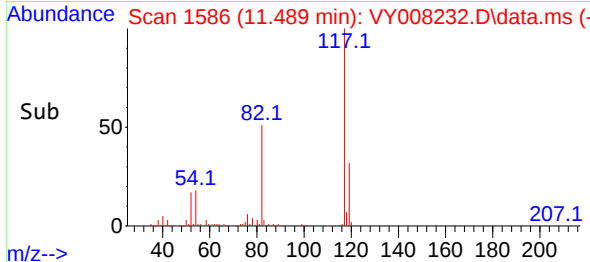
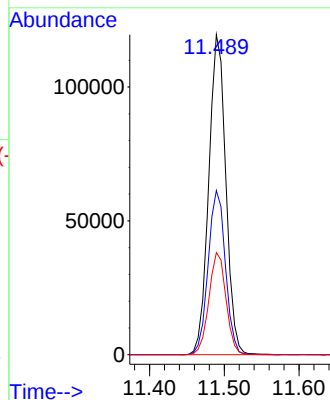
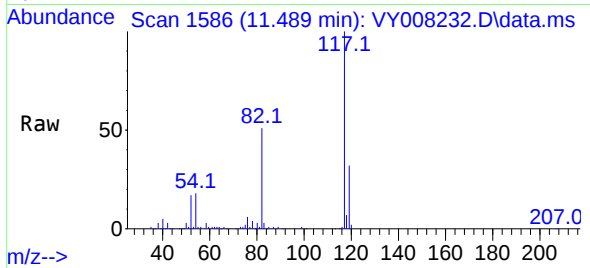




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

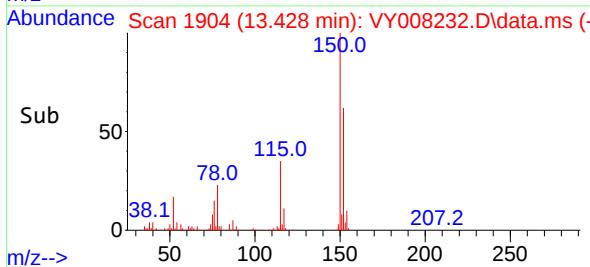
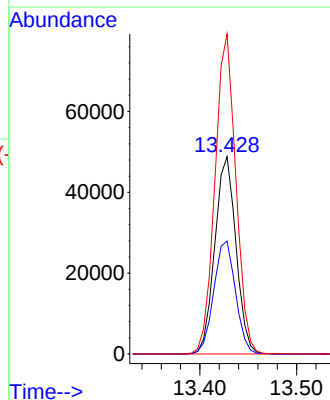
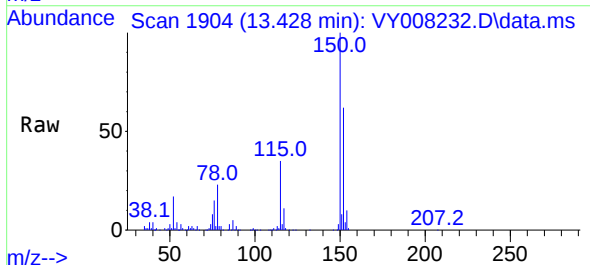
Instrument :
MSVOA_Y
ClientSampleId :
FARMINGDALE-CLAY-1

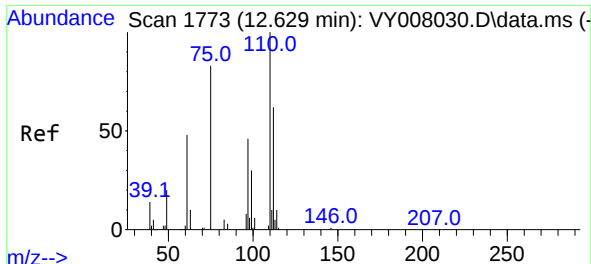
Tgt Ion:117 Resp: 189854
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion:152 Resp: 74151
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 159.7 0.0 347.6

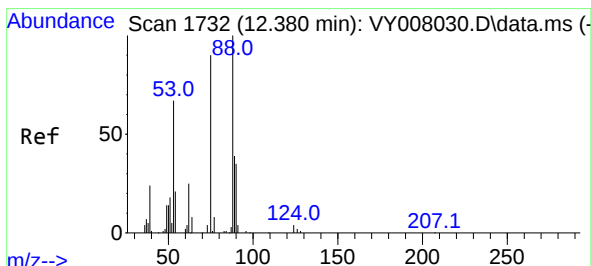
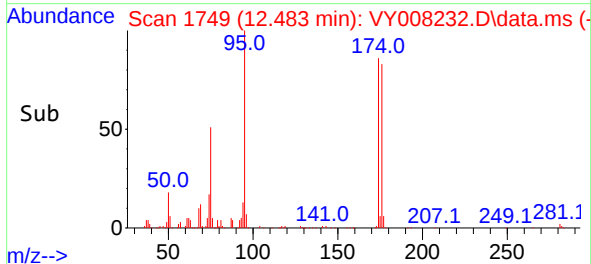
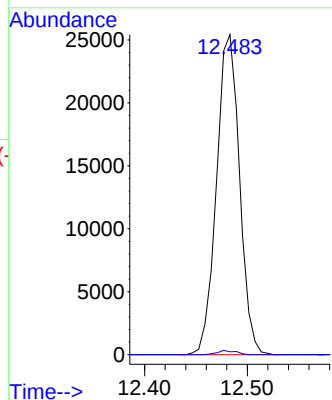
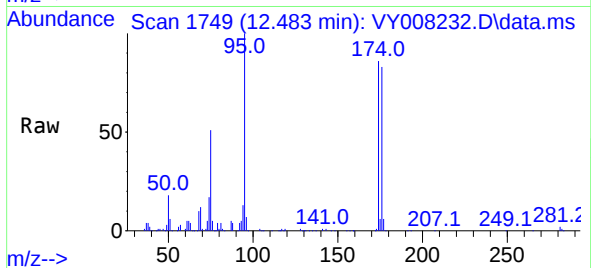




#76
1,2,3-Trichloropropane
Concen: 43.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Instrument :
MSVOA_Y
ClientSampleId :
FARMINGDALE-CLAY-1

Tgt Ion: 75 Resp: 39502
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008232.D
Acq: 06 Apr 2022 14:08

Tgt Ion: 75 Resp: 39502
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

