

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006136.D
 Acq On : 24 Sep 2021 14:22
 Operator : SY/MD
 Sample : M3916-13
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRICK-1

Quant Time: Sep 25 05:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

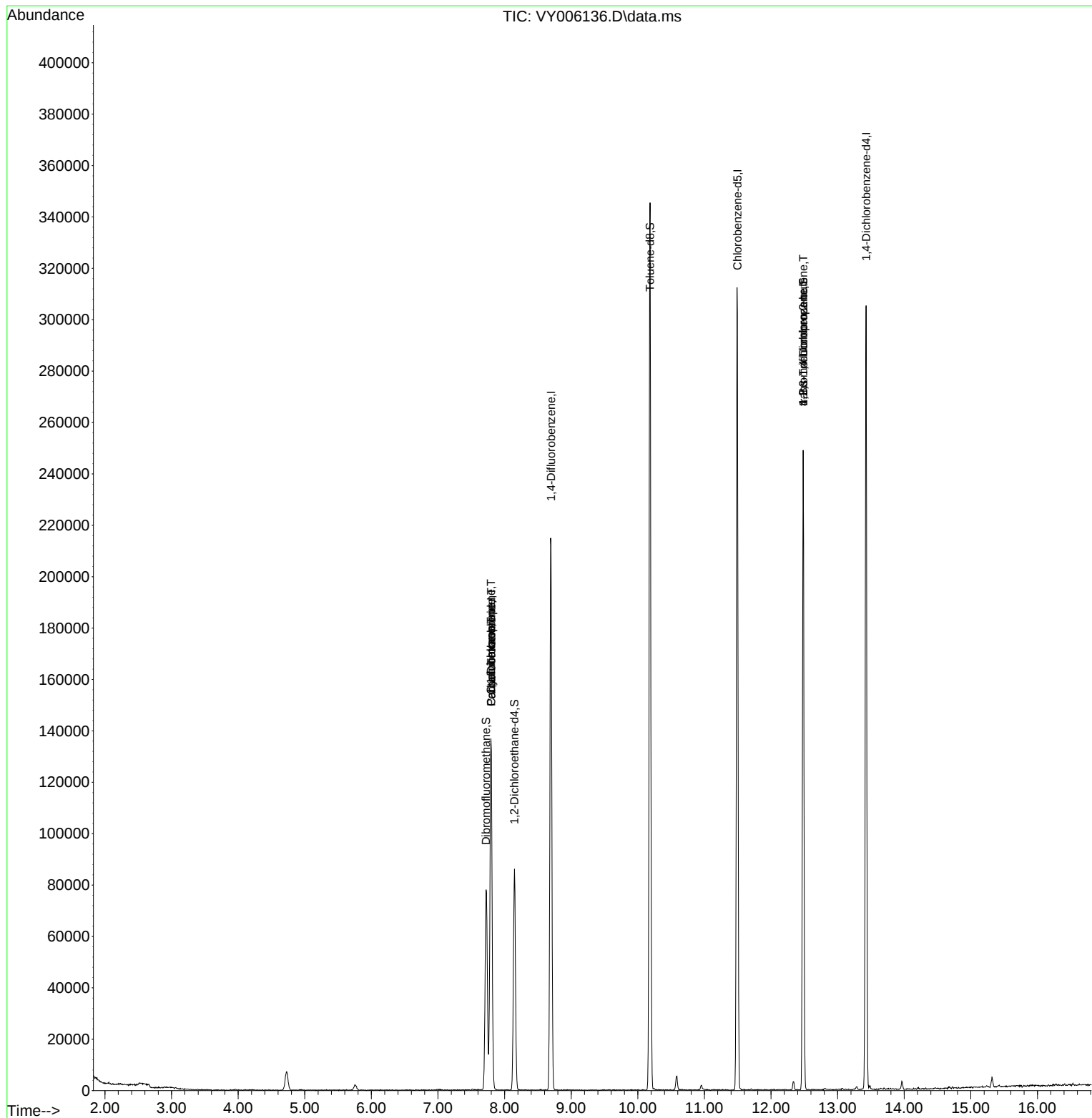
Internal Standards						
1) Pentafluorobenzene	7.801	168	108489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70732	46.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.880%		
35) Dibromofluoromethane	7.722	113	52900	47.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.980%		
50) Toluene-d8	10.185	98	220779	46.997	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.000%		
62) 4-Bromofluorobenzene	12.483	95	68737	43.096	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.200%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	110	Below Cal	#	77
20) Methylene Chloride	4.728	84	5314	Below Cal	#	83
31) Cyclohexane	7.795	56	2482	1.028	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	8300	4.333	ug/l #	51
38) Carbon Tetrachloride	7.801	117	10748	5.154	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39252	48.440	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39252	89.057	ug/l #	7

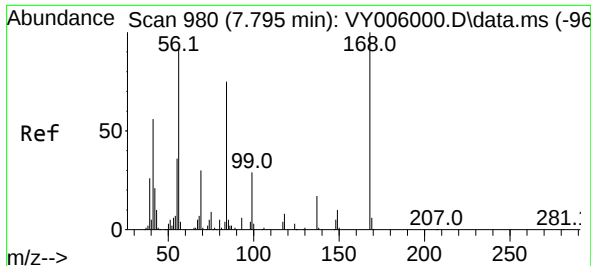
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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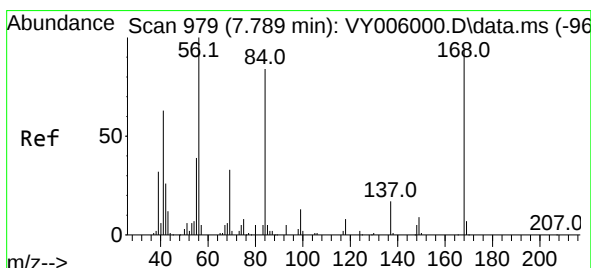
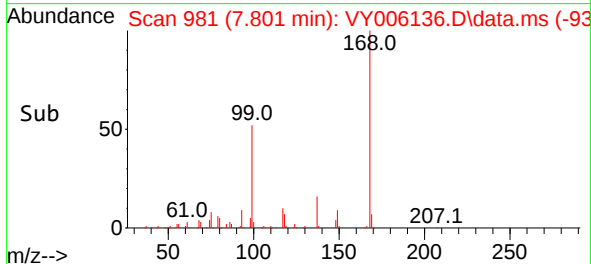
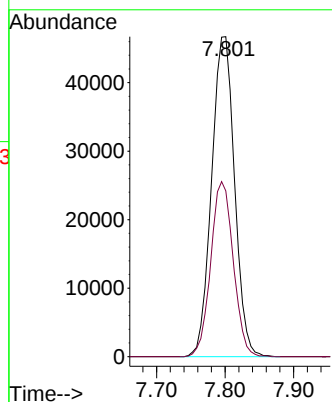
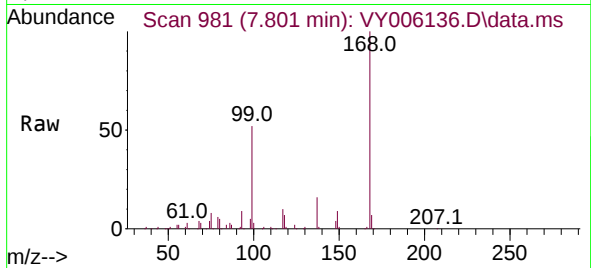




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

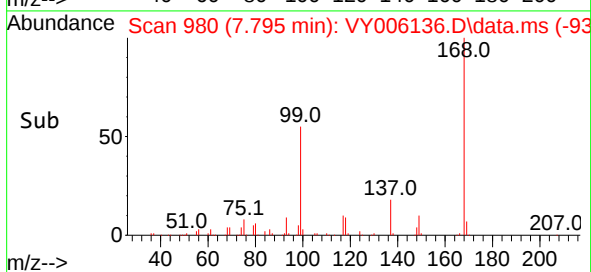
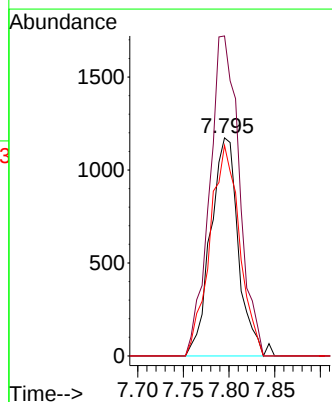
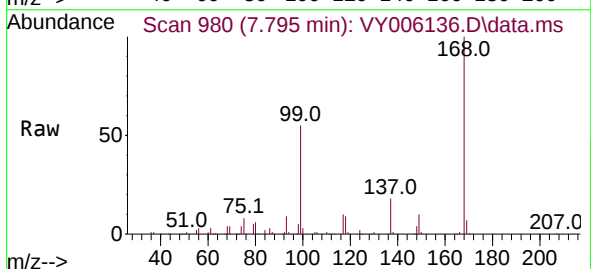
Instrument :
MSVOA_Y
ClientSampled :
BRICK-1

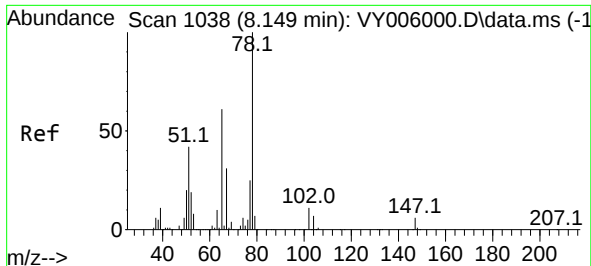
Tgt Ion:168 Resp: 108489
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 56 Resp: 2482
Ion Ratio Lower Upper
56 100
69 146.7 26.7 40.1#
84 96.5 67.2 100.8

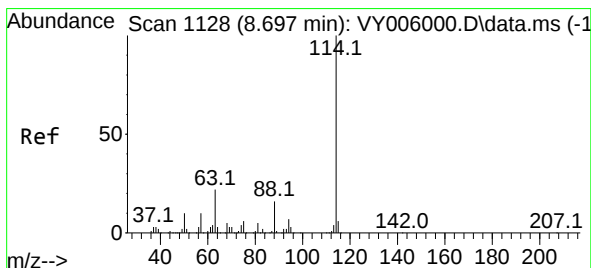
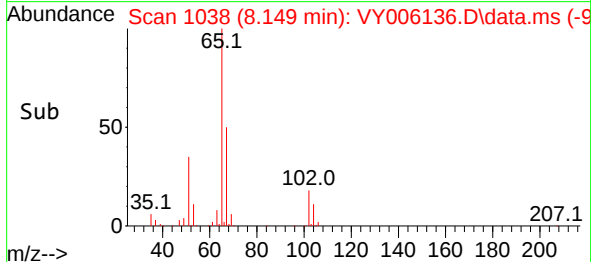
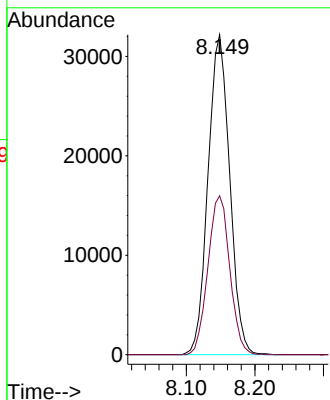
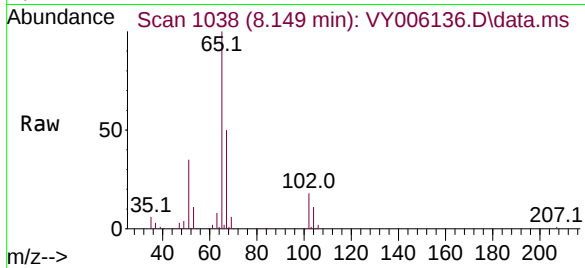




#33
 1,2-Dichloroethane-d4
 Concen: 46.936 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006136.D
 Acq: 24 Sep 2021 14:22

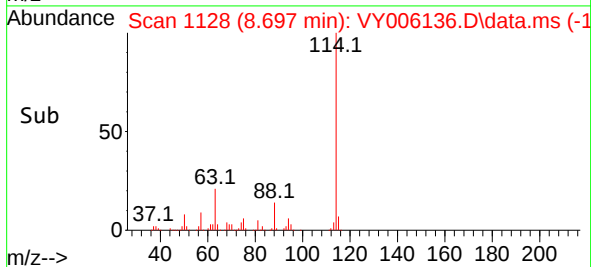
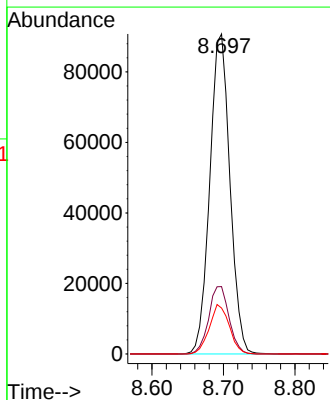
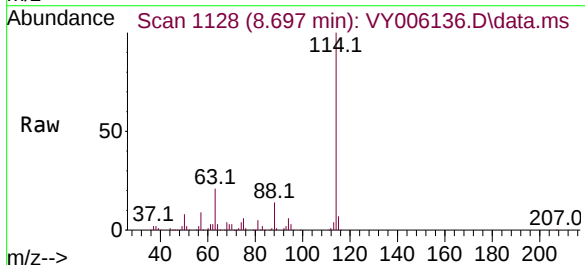
Instrument :
 MSVOA_Y
 ClientSampled :
 BRICK-1

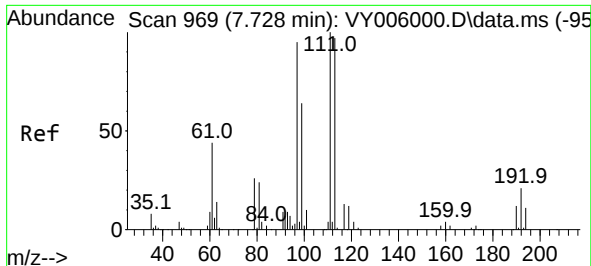
Tgt Ion: 65 Resp: 70732
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006136.D
 Acq: 24 Sep 2021 14:22

Tgt Ion: 114 Resp: 177460
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 14.3 0.0 31.8

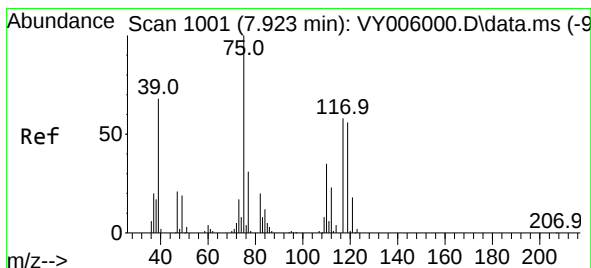
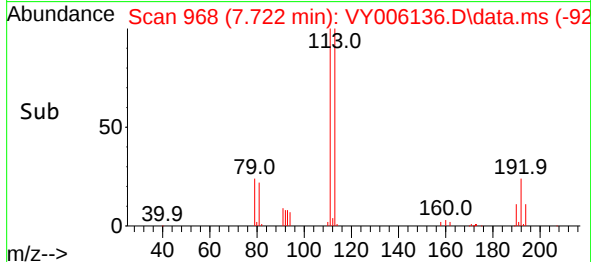
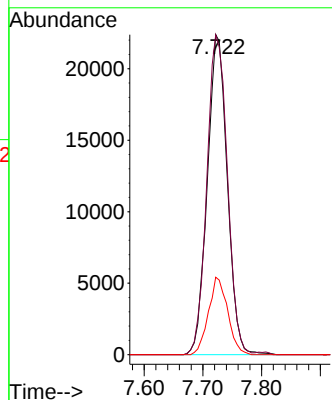
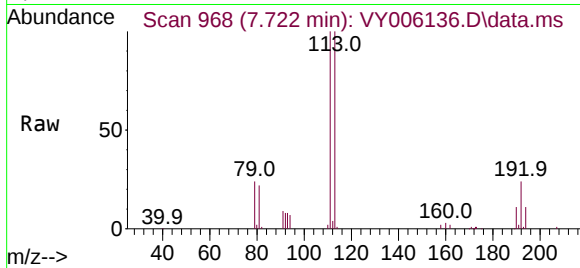




#35
Dibromofluoromethane
Concen: 47.993 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

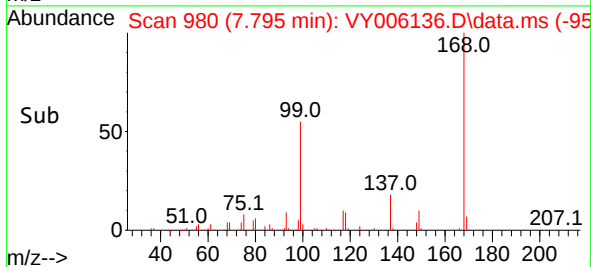
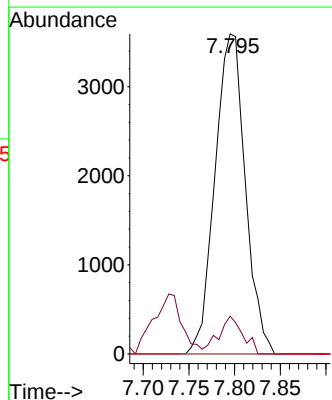
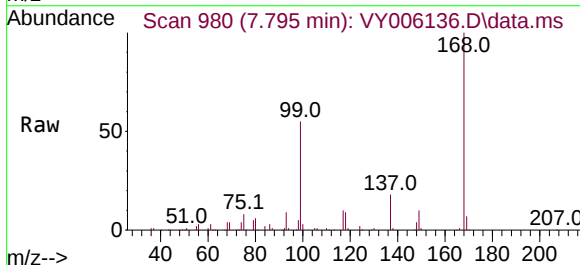
Instrument :
MSVOA_Y
ClientSampleId :
BRICK-1

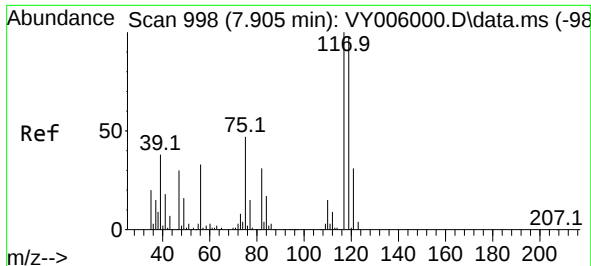
Tgt Ion:113 Resp: 52900
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 23.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 75 Resp: 8300
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

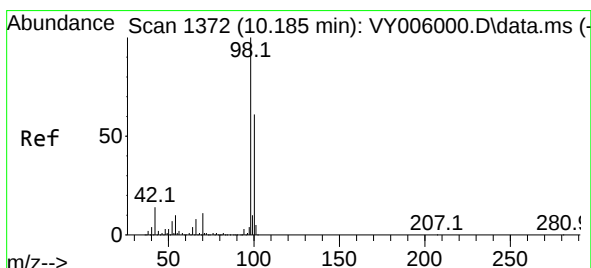
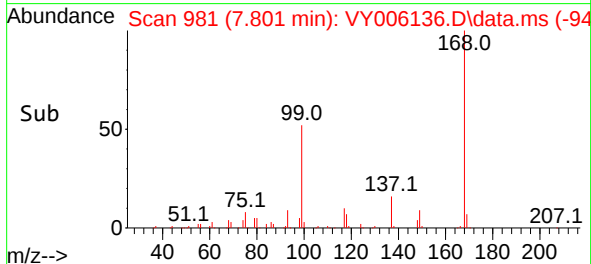
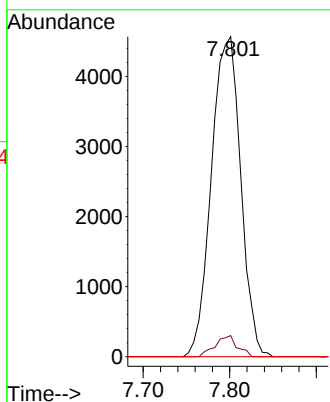
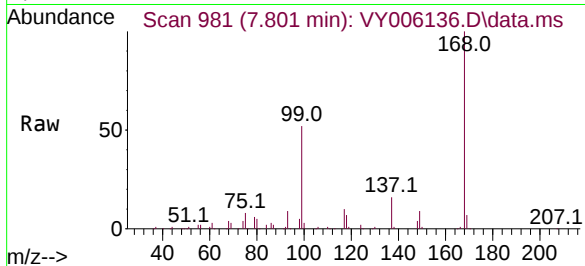




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

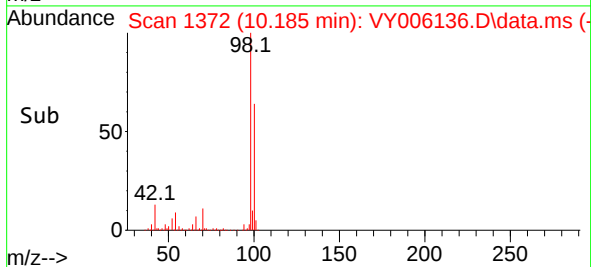
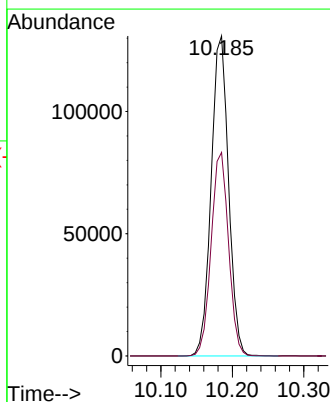
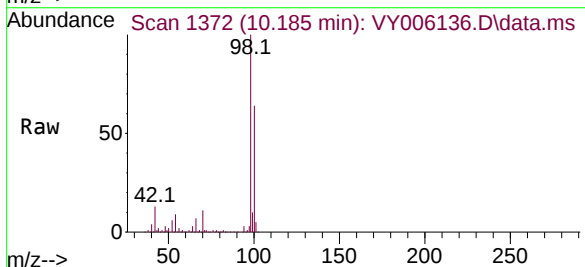
Instrument :
MSVOA_Y
ClientSampleId :
BRICK-1

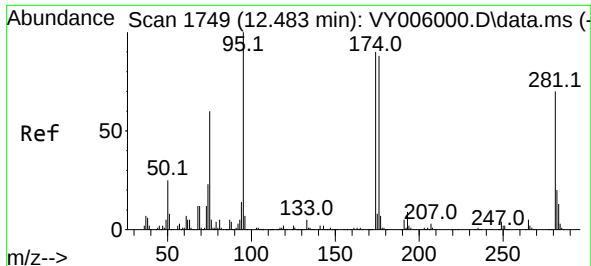
Tgt Ion: 117 Resp: 10748
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.997 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 98 Resp: 220779
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

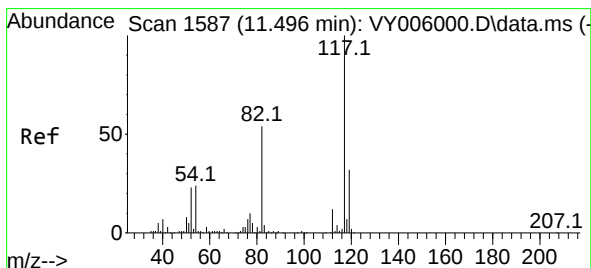
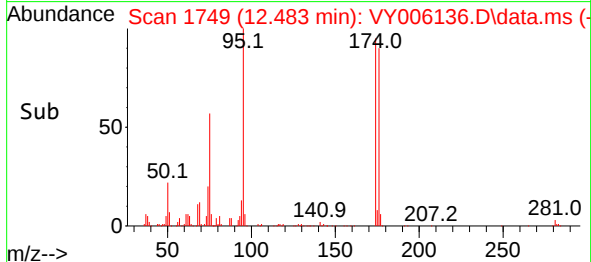
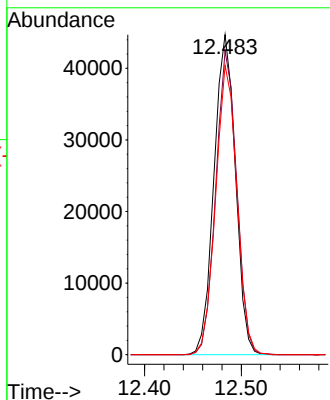
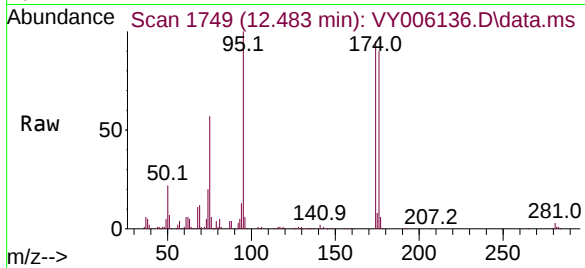




#62
4-Bromofluorobenzene
Concen: 43.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

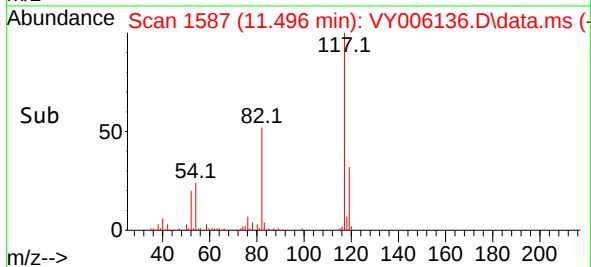
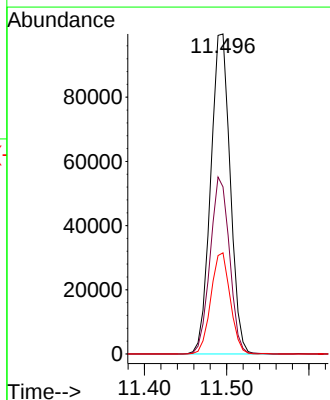
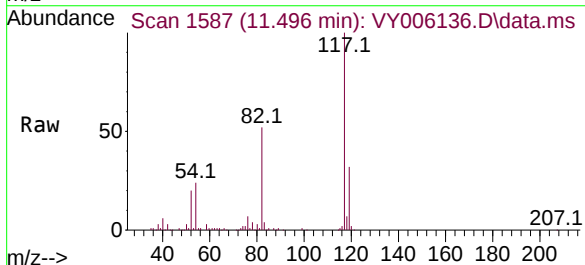
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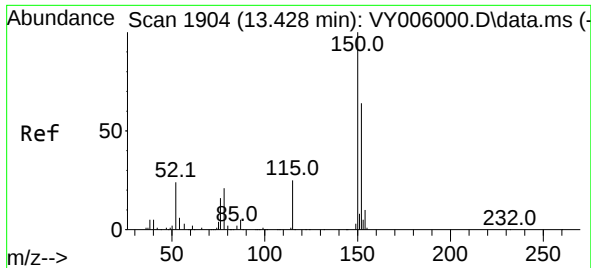
Tgt Ion: 95 Resp: 68737
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 89.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 117 Resp: 164242
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 25.4 38.0

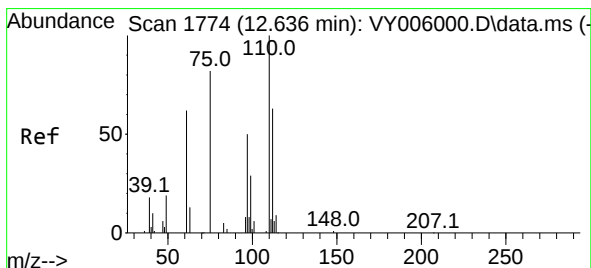
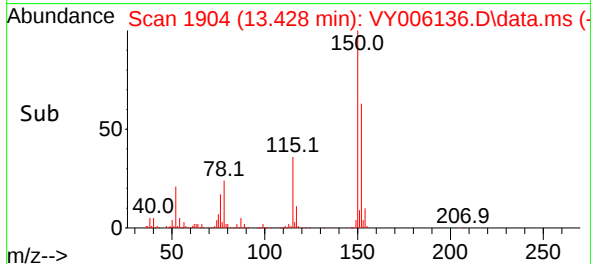
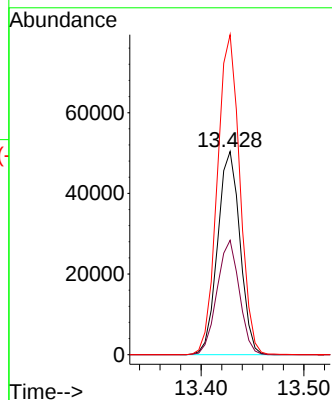
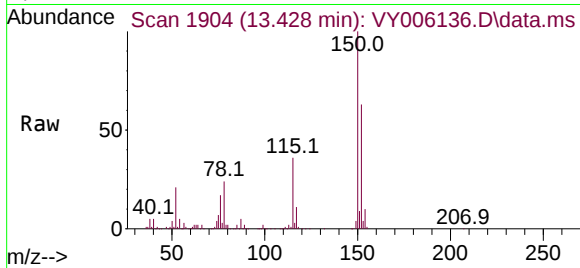




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

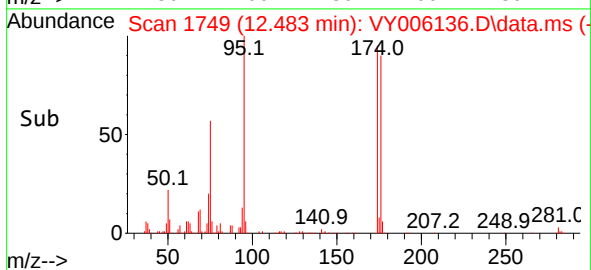
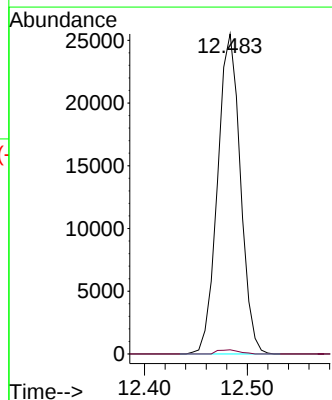
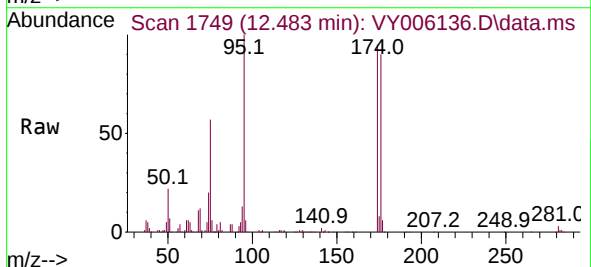
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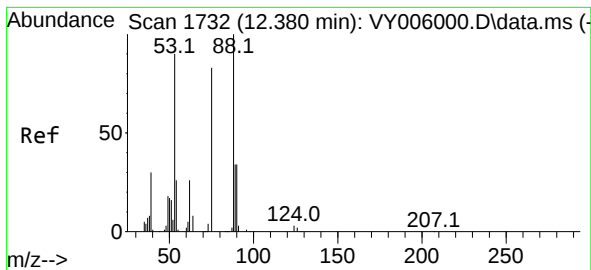
Tgt Ion:152 Resp: 76002
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

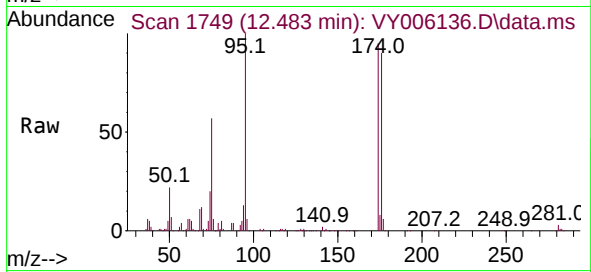
Tgt Ion: 75 Resp: 39252
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.057 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006136.D
 Acq: 24 Sep 2021 14:22

Instrument :
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 ClientSampleId :
 BRICK-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

