

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012796.D
 Acq On : 03 Mar 2023 15:18
 Operator : KP/MD
 Sample : 01749-02
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-4

Quant Time: Mar 04 01:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

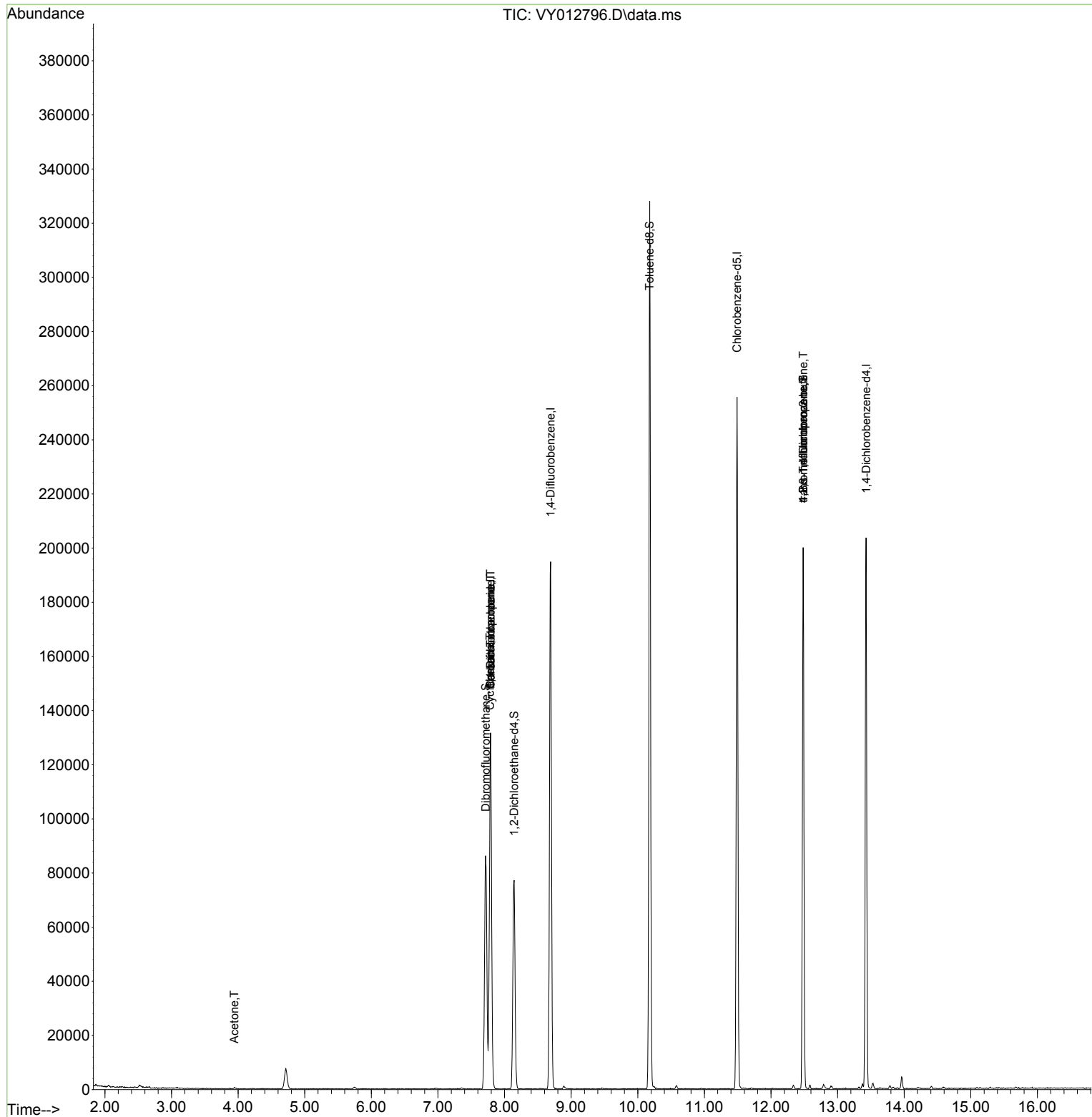
Internal Standards						
1) Pentafluorobenzene	7.789	168	102458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	166029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60514	59.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.980%	
35) Dibromofluoromethane	7.716	113	61723	61.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.200%	
50) Toluene-d8	10.179	98	204128	55.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.483	95	55363	44.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	713	1.786	ug/l #	44
20) Methylene Chloride	4.716	84	5050	Below Cal		91
31) Cyclohexane	7.783	56	2065	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7640	4.550	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9745	5.620	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	29487	48.281	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29487	100.039	ug/l #	13

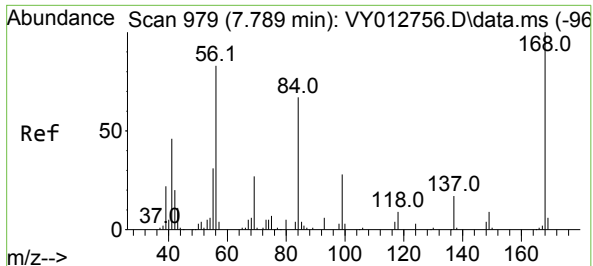
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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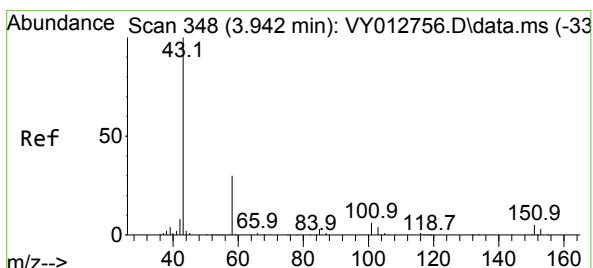
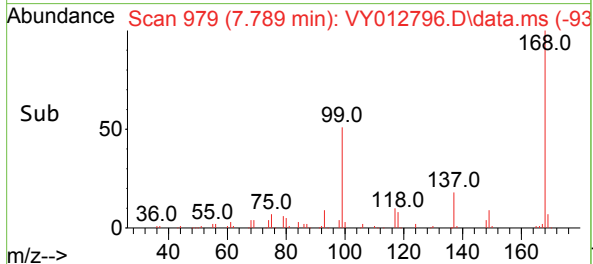
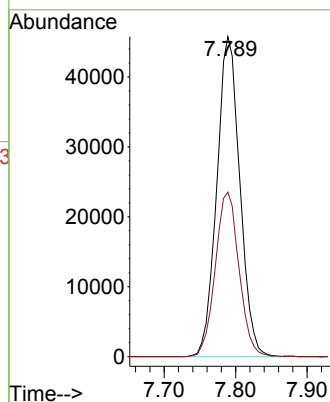
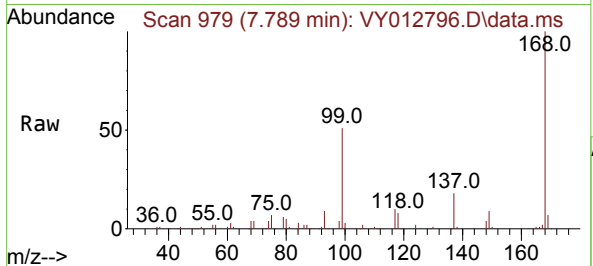




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

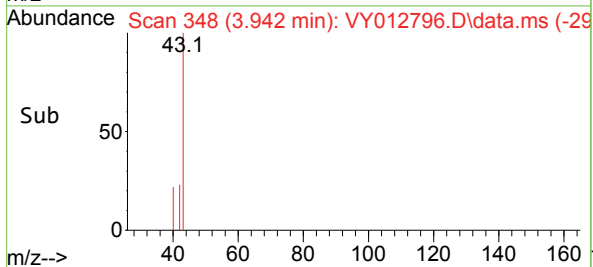
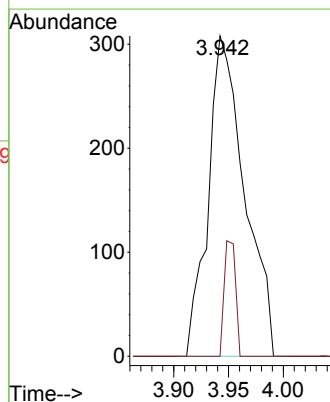
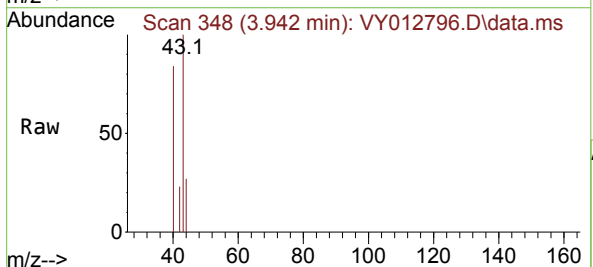
Instrument :
MSVOA_Y
ClientSampleId :
CF-4

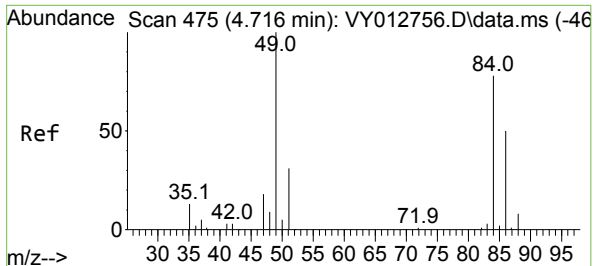
Tgt Ion:168 Resp: 102458
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#16
Acetone
Concen: 1.786 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

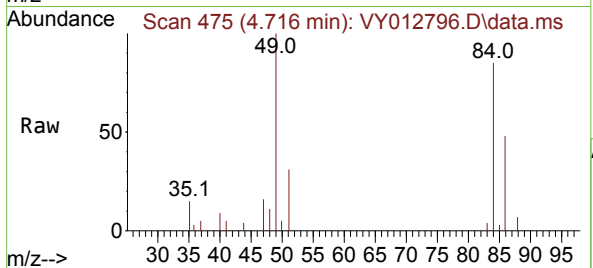
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



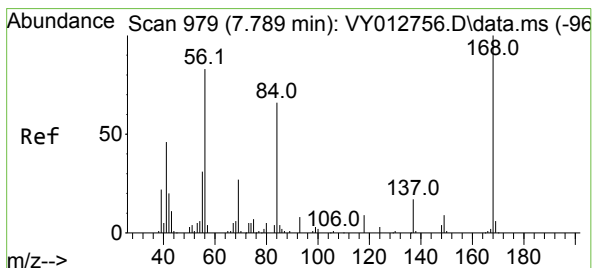
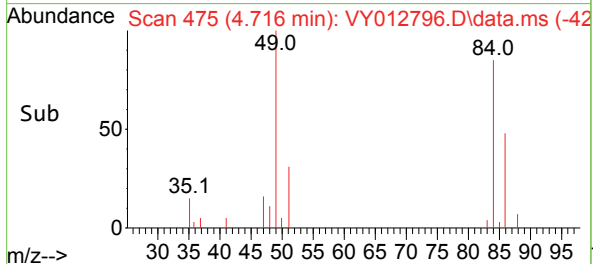
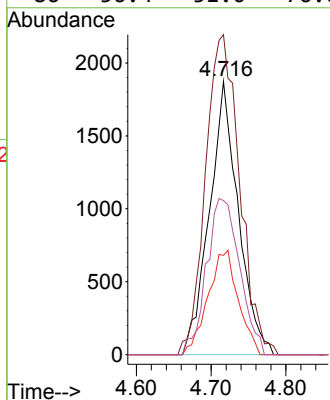


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
CF-4

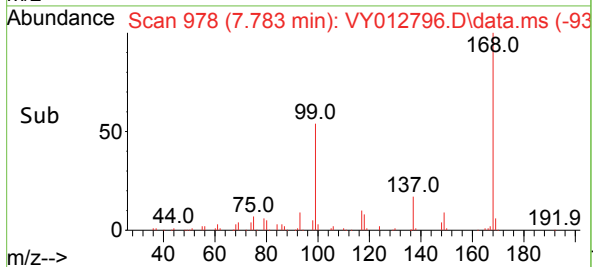
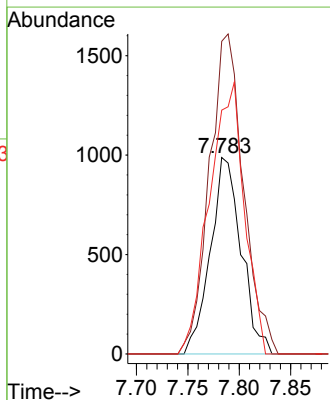
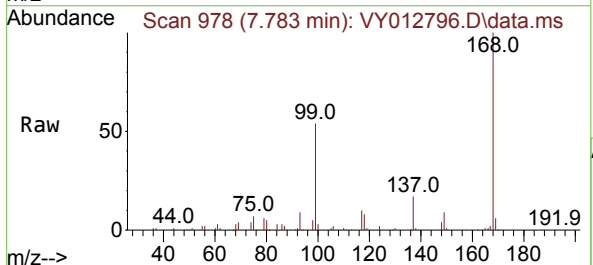


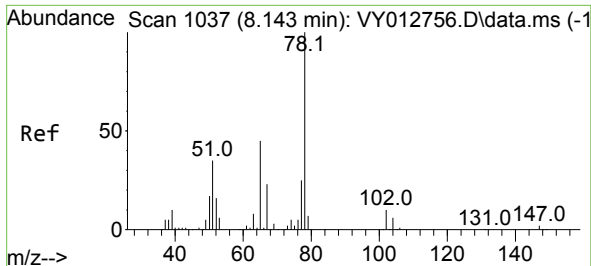
Tgt Ion: 84	Resp: 5050
Ion Ratio	Lower Upper
84 100	
49 117.1	102.6 154.0
51 36.3	31.9 47.9
86 56.4	51.0 76.6



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Tgt Ion: 56	Resp: 2065
Ion Ratio	Lower Upper
56 100	
69 159.1	25.7 38.5#
84 124.1	64.3 96.5#

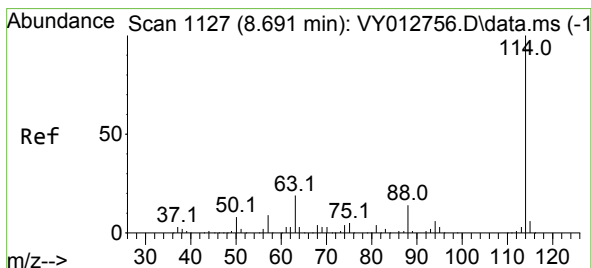
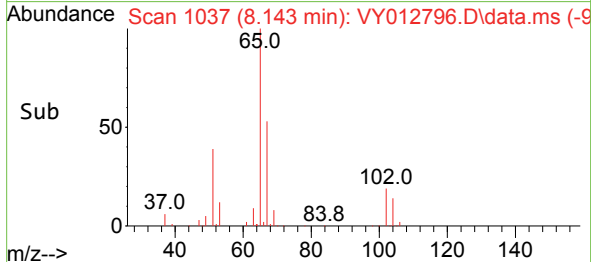
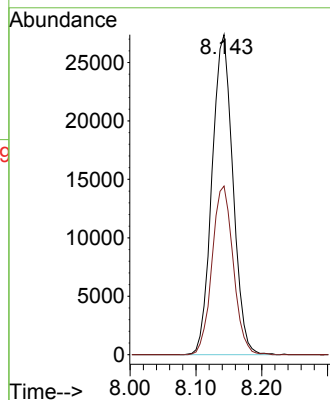
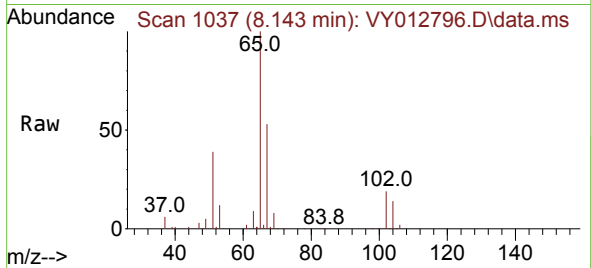




#33
1,2-Dichloroethane-d4
Concen: 59.486 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

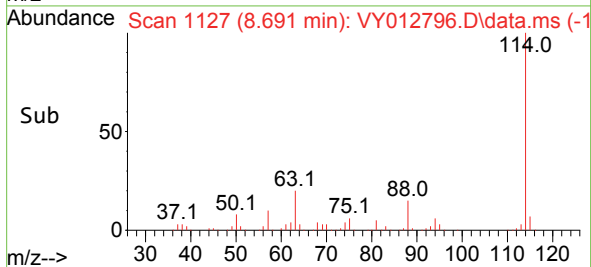
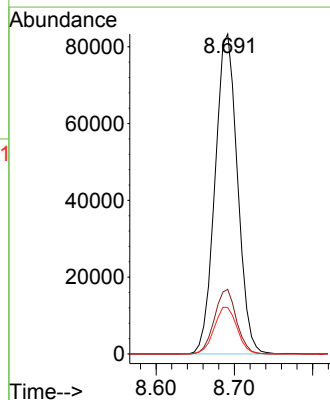
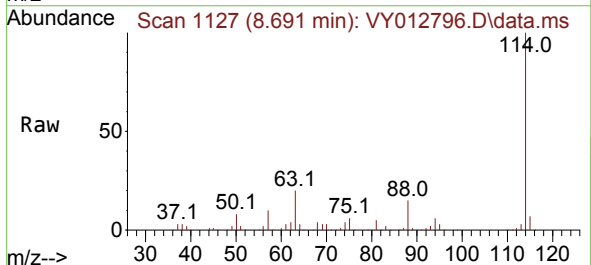
Instrument :
MSVOA_Y
ClientSampleId :
CF-4

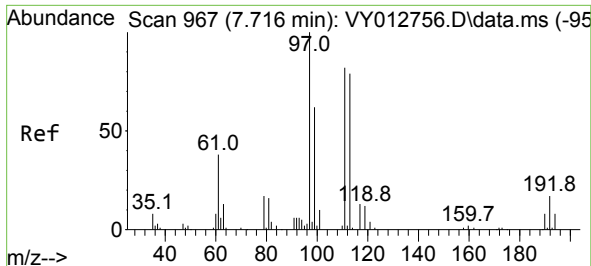
Tgt Ion: 65 Resp: 60514
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Tgt Ion:114 Resp: 166029
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.5 0.0 28.6

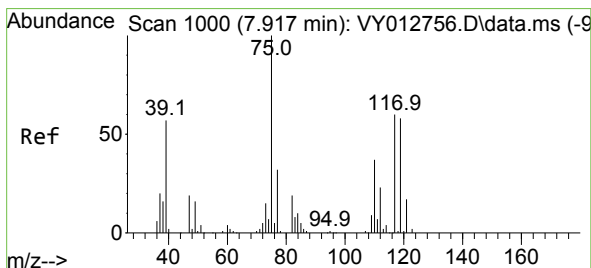
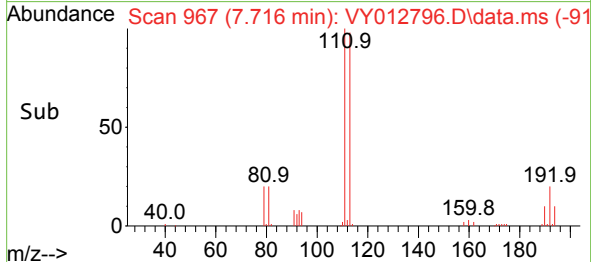
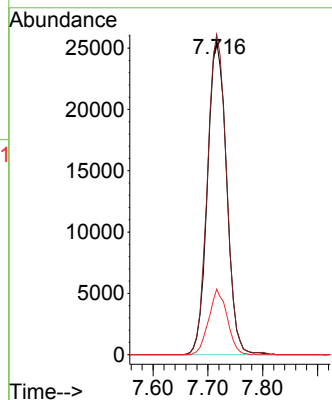
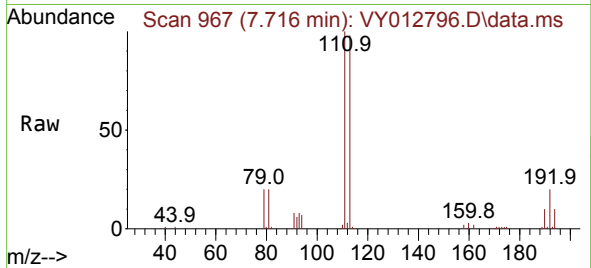




#35
Dibromofluoromethane
Concen: 61.601 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

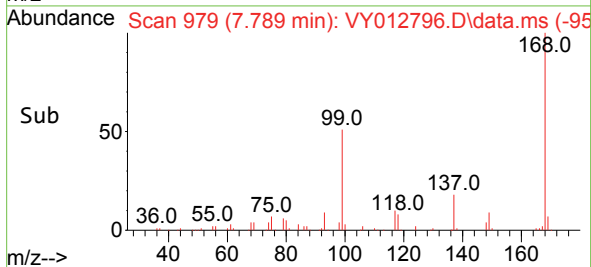
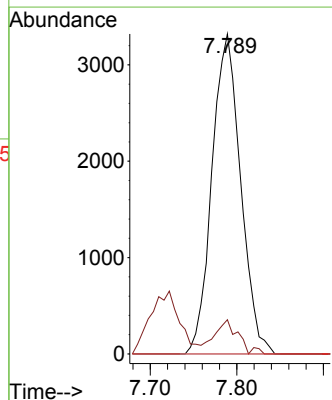
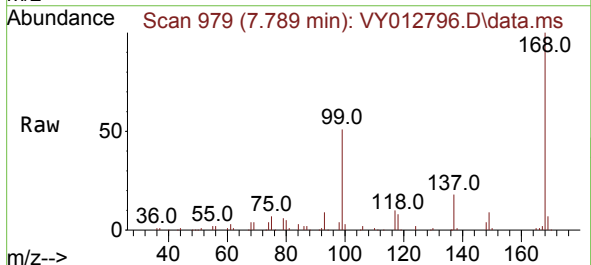
Instrument :
MSVOA_Y
ClientSampleId :
CF-4

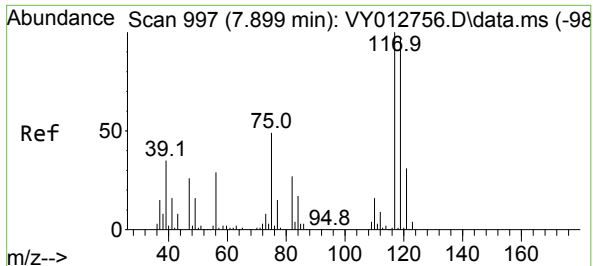
Tgt Ion:113 Resp: 61723
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.550 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

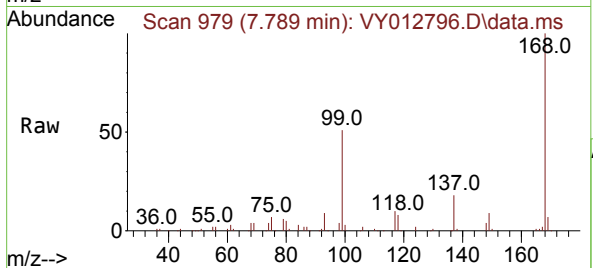
Tgt Ion: 75 Resp: 7640
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



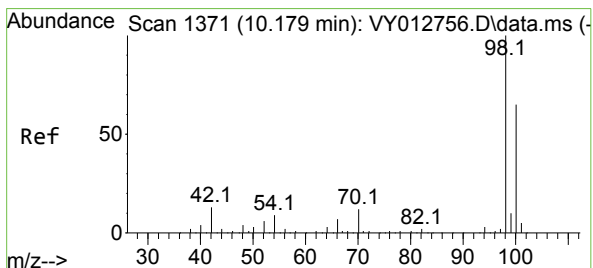
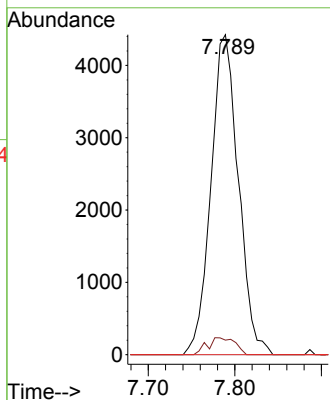
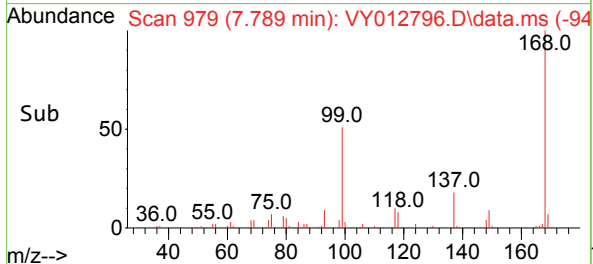


#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
CF-4

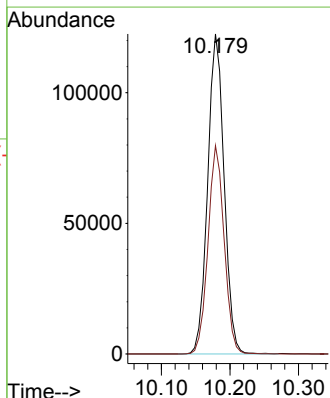
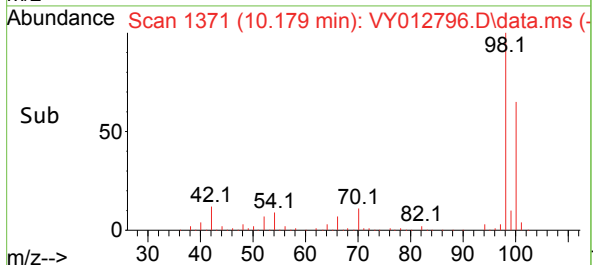
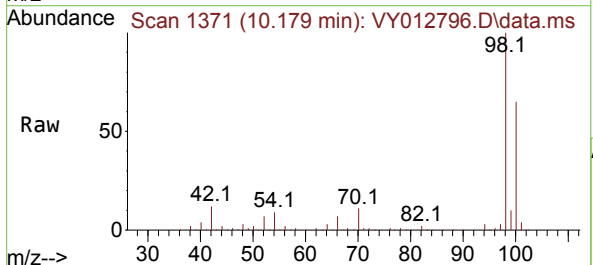


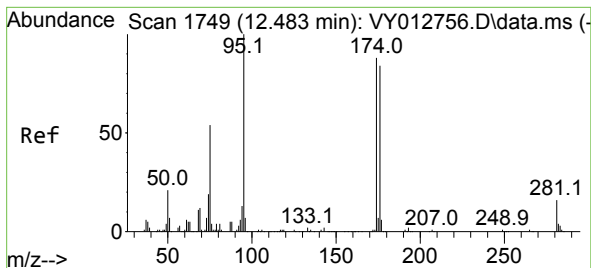
Tgt Ion:117 Resp: 9745
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.726 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Tgt Ion: 98 Resp: 204128
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

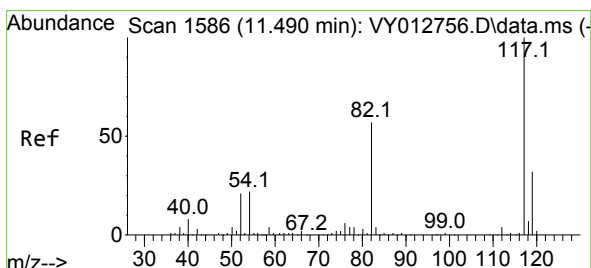
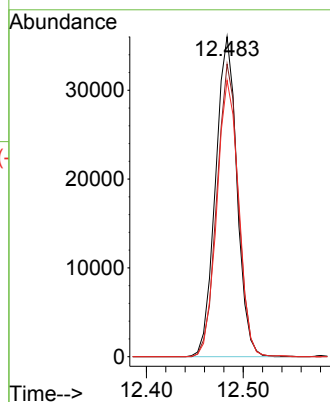
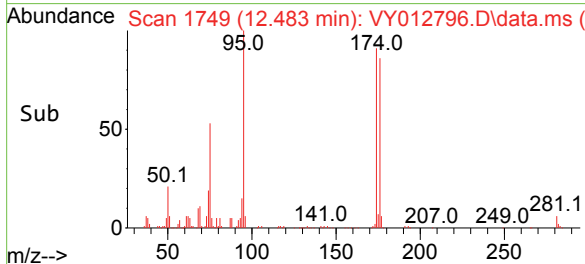
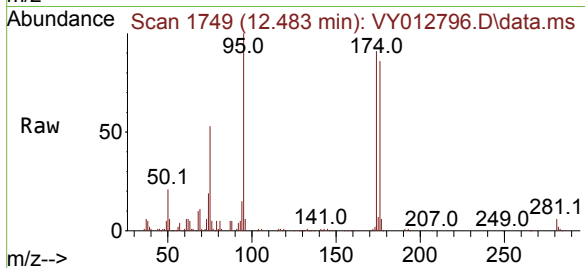




#62
4-Bromofluorobenzene
Concen: 44.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

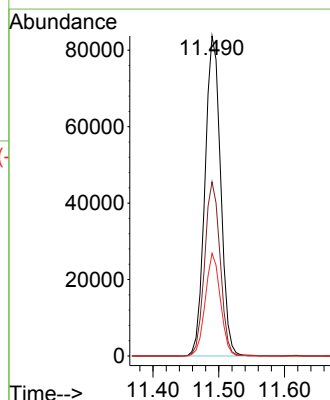
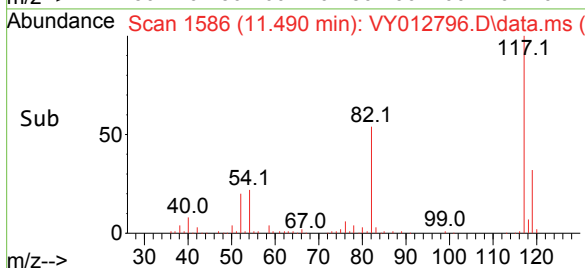
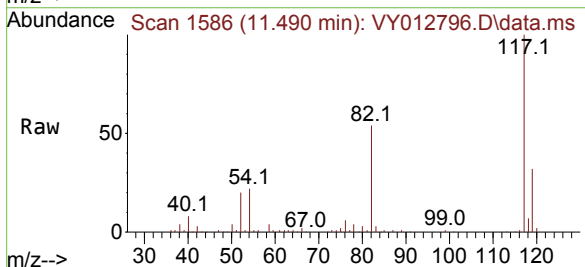
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ClientSampleId :
CF-4

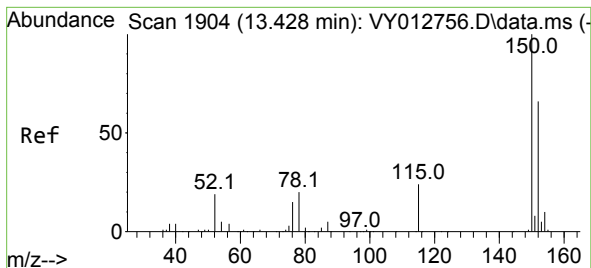
Tgt Ion: 95 Resp: 55363
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.6
176 88.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012796.D
Acq: 03 Mar 2023 15:18

Tgt Ion: 117 Resp: 138654
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012796.D

Acq: 03 Mar 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

CF-4

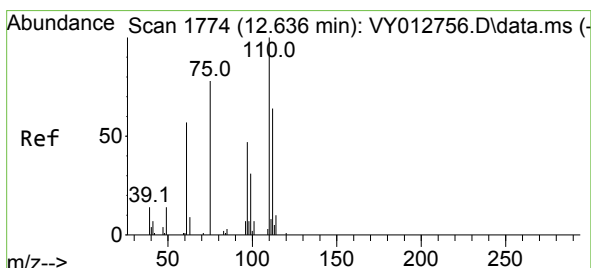
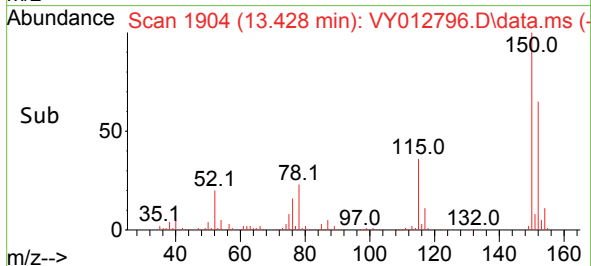
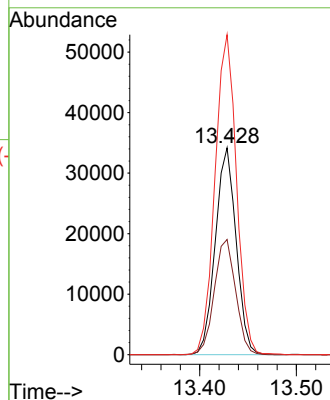
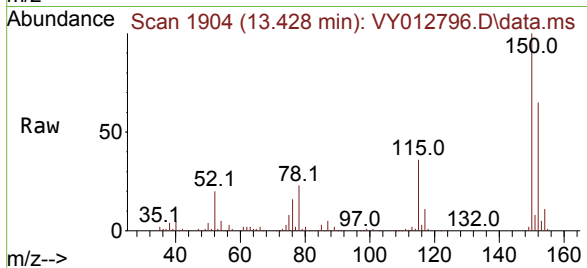
Tgt Ion:152 Resp: 51144

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 159.2 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 48.281 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012796.D

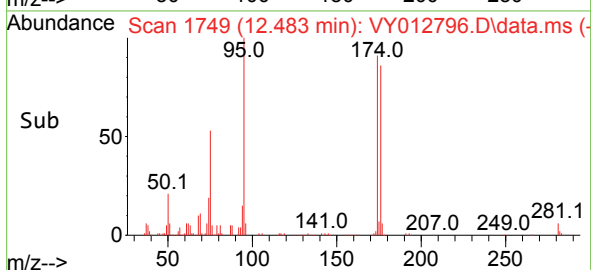
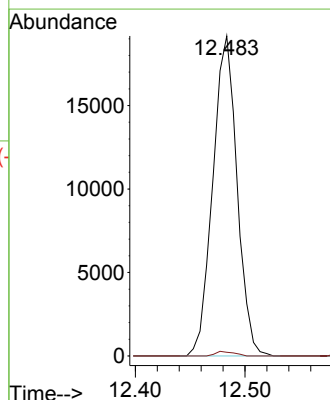
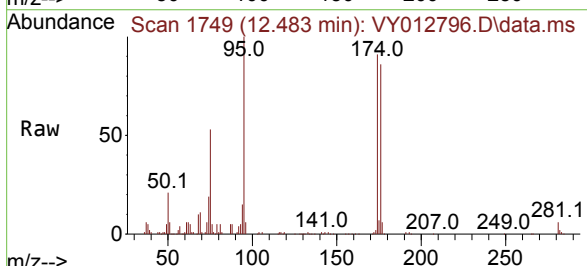
Acq: 03 Mar 2023 15:18

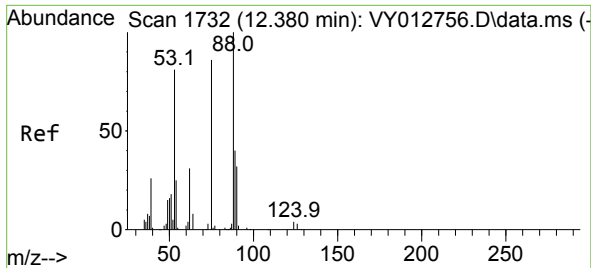
Tgt Ion: 75 Resp: 29487

Ion Ratio Lower Upper

75 100

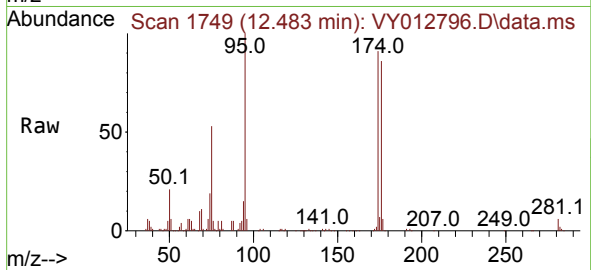
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.039 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012796.D
 Acq: 03 Mar 2023 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-4



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.0#
89	0.0	36.6	55.0#

