

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013455.D
 Acq On : 25 Apr 2023 18:37
 Operator : KP/MD
 Sample : 02470-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-9.5-10.0

Quant Time: Apr 26 02:53:27 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)

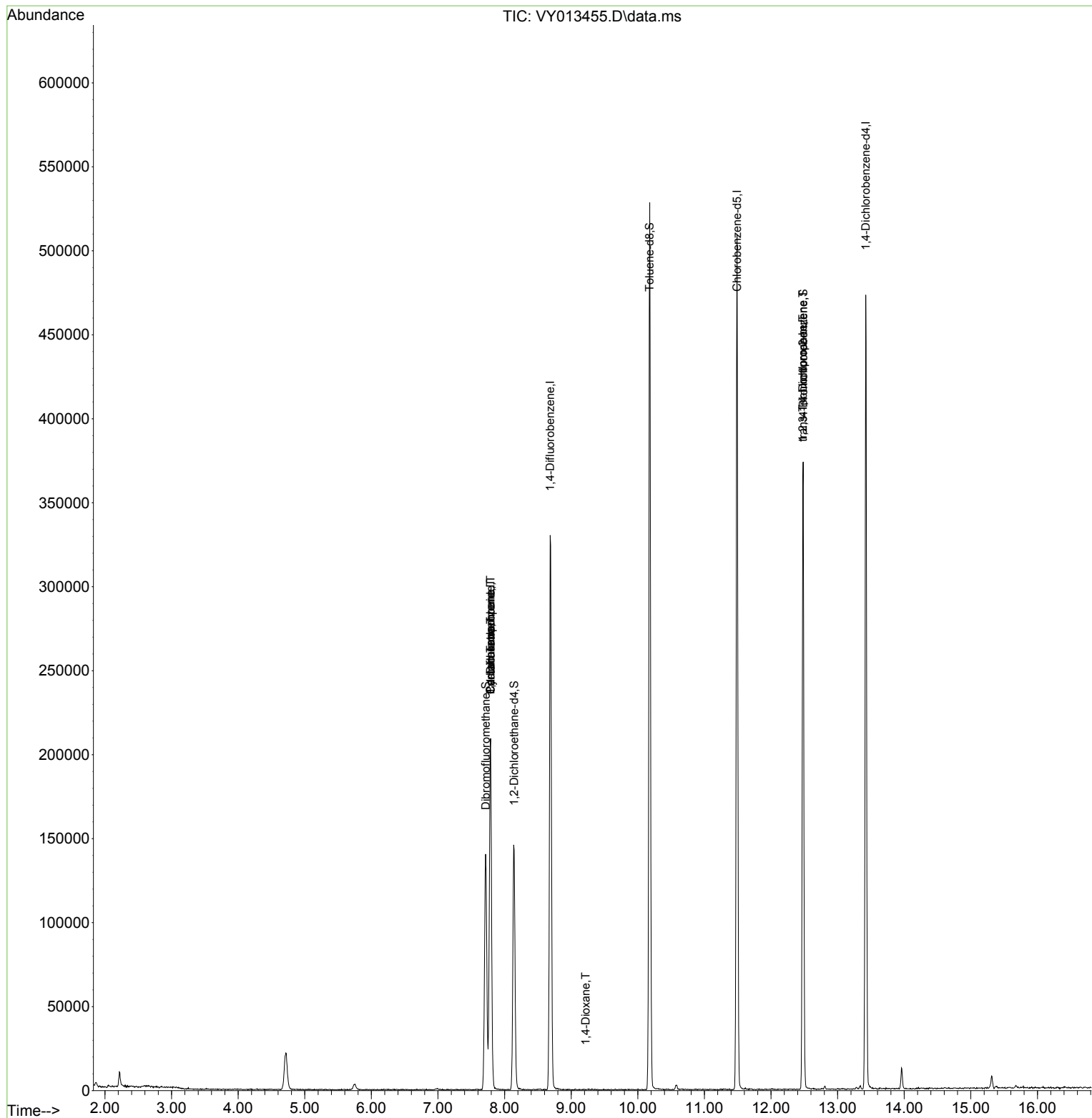
Internal Standards						
1) Pentafluorobenzene	7.789	168	162053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	275495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	113799	64.059	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.120%			
35) Dibromofluoromethane	7.716	113	98026	56.573	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.140%			
50) Toluene-d8	10.179	98	339243	55.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.080%			
62) 4-Bromofluorobenzene	12.483	95	105793	50.910	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.820%			
Target Compounds						
13) Acrolein	3.826	56	39	Below Cal	#	16
20) Methylene Chloride	4.716	84	16478	Below Cal	#	87
31) Cyclohexane	7.789	56	3788	1.191	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	12738	4.430	ug/l #	49
38) Carbon Tetrachloride	7.789	117	15458	5.129	ug/l #	17
49) 1,4-Dioxane	9.215	88	22	1.216	ug/l #	25
76) 1,2,3-Trichloropropane	12.477	75	56357	35.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56357	71.912	ug/l #	13

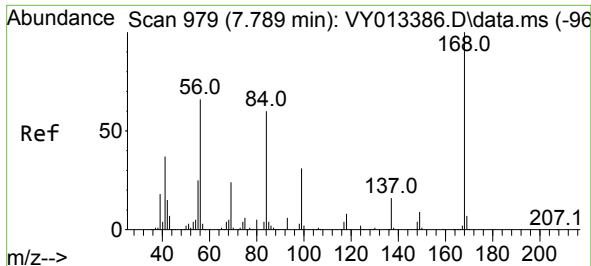
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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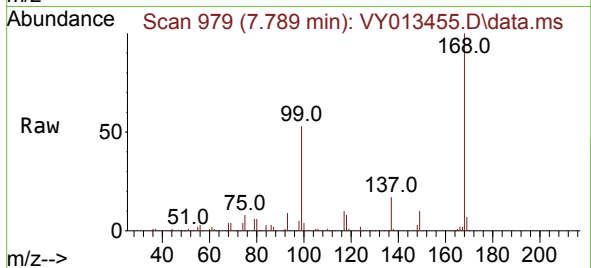
Quant Time: Apr 26 02:53:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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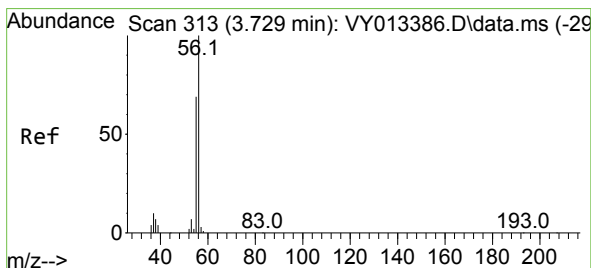
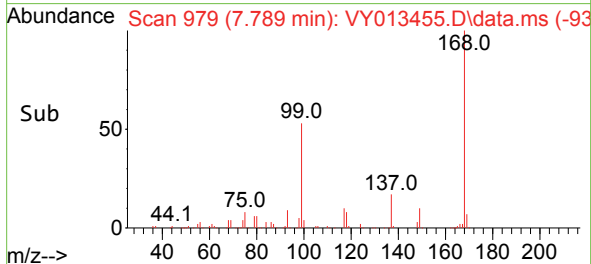
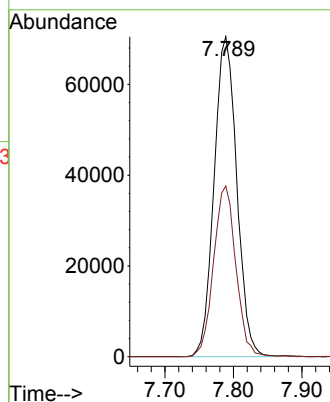


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

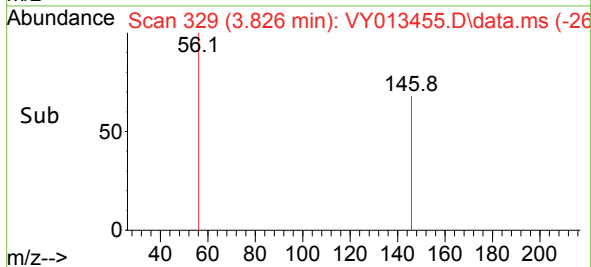
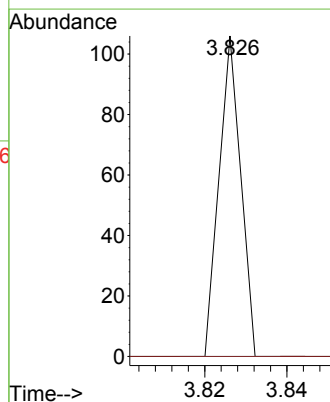
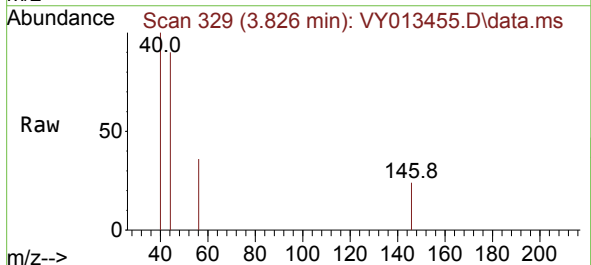


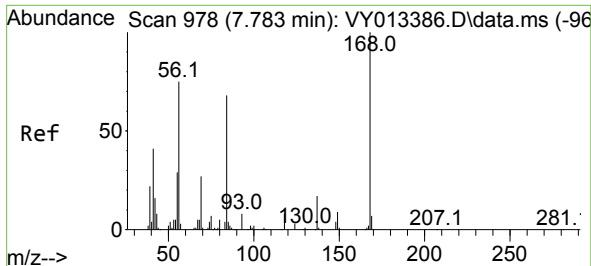
Tgt Ion:168 Resp: 162053
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.826 min Scan# 329
Delta R.T. 0.097 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

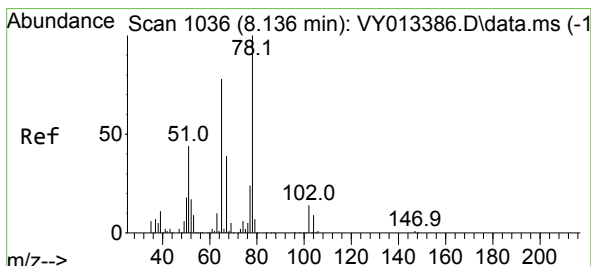
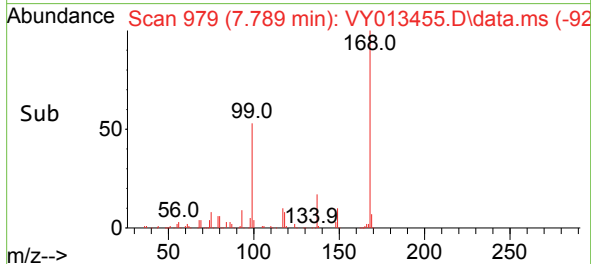
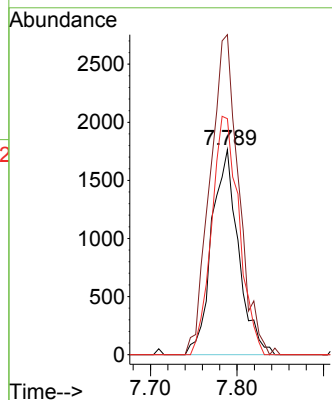
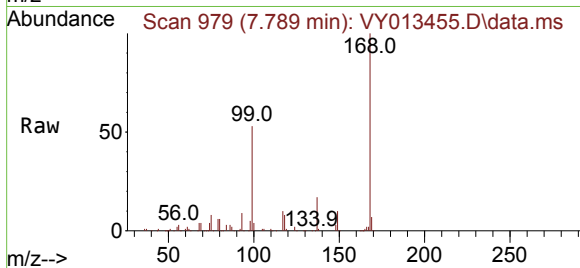




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

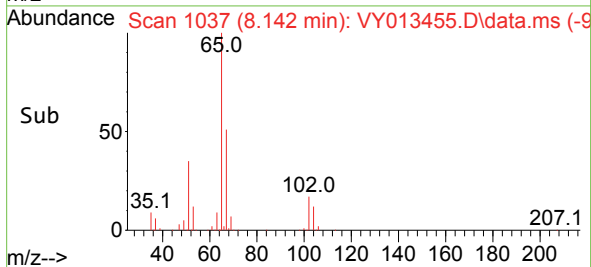
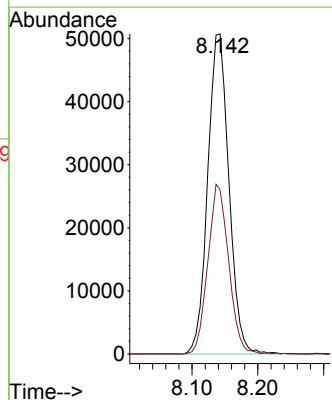
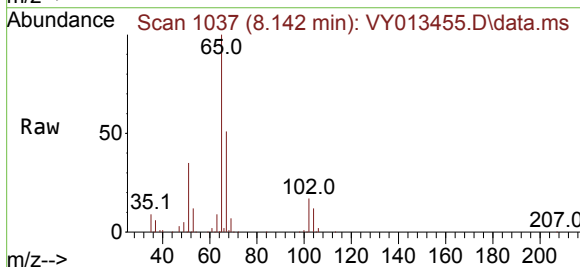
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

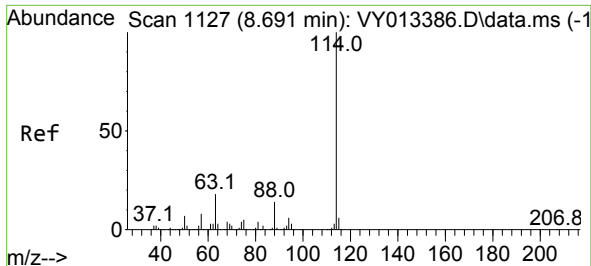
Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
69 156.1 29.2 43.8#
84 115.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 64.059 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion: 65 Resp: 113799
Ion Ratio Lower Upper
65 100
67 51.9 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: VY013455.D

Acq: 25 Apr 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-9.5-10.0

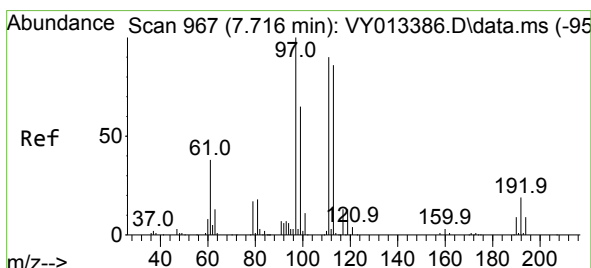
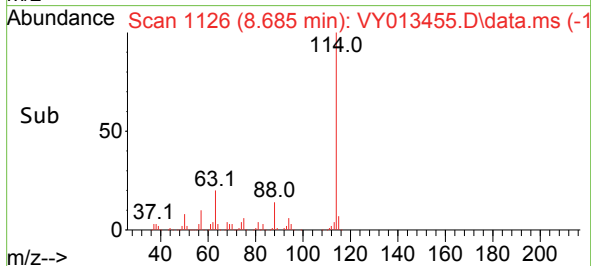
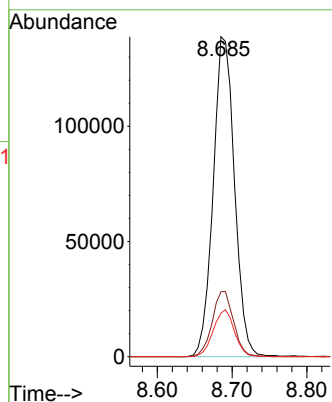
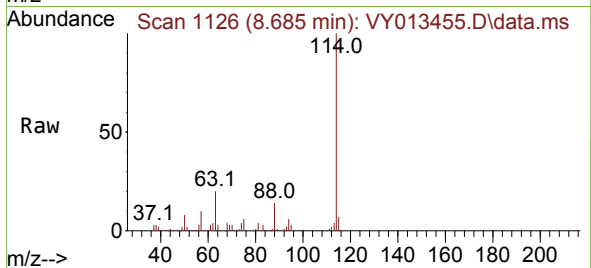
Tgt Ion:114 Resp: 275495

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 13.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.573 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013455.D

Acq: 25 Apr 2023 18:37

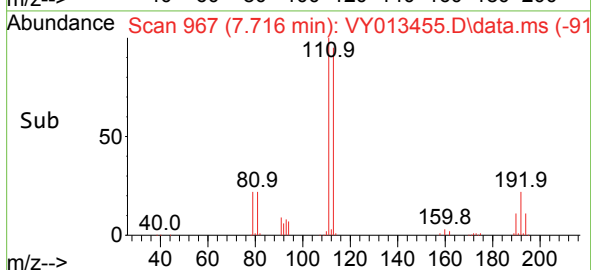
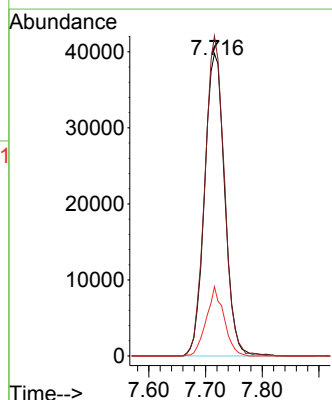
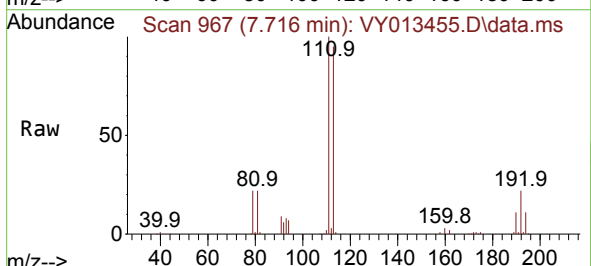
Tgt Ion:113 Resp: 98026

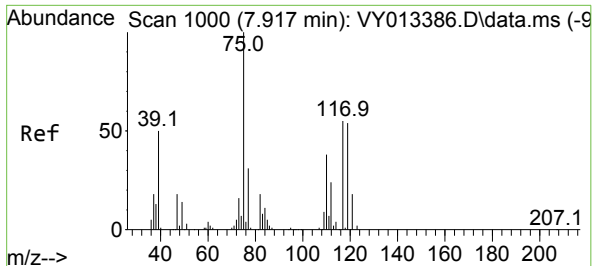
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.2 16.7 25.1

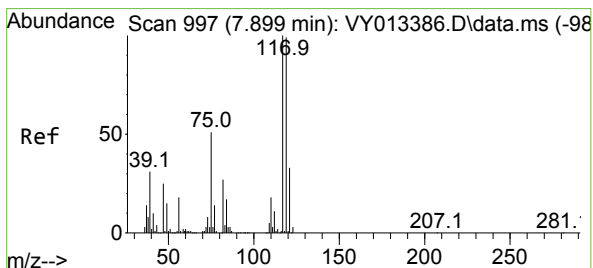
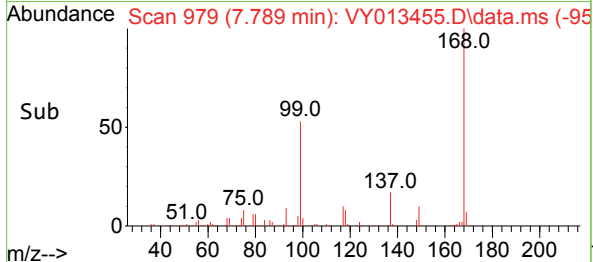
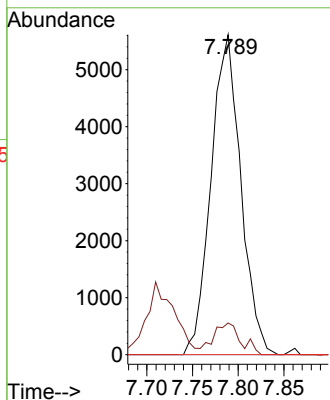
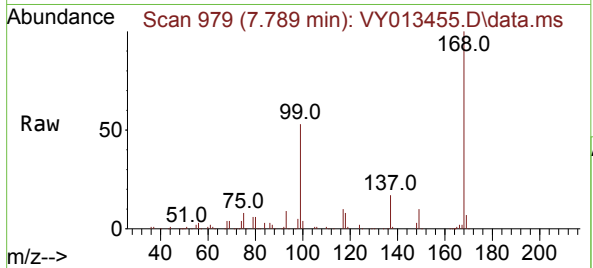




#36
1,1-Dichloropropene
Concen: 4.430 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

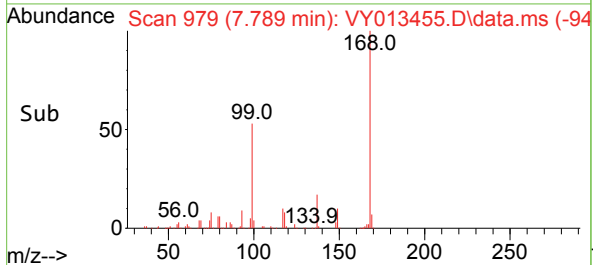
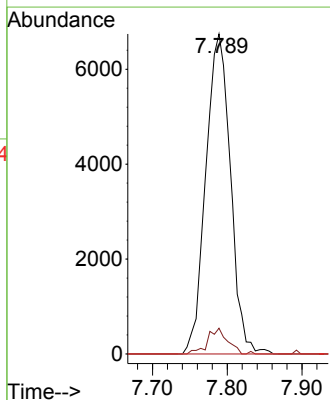
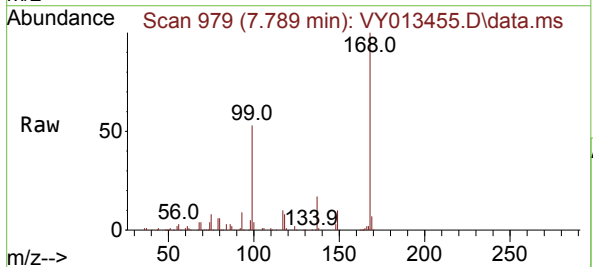
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

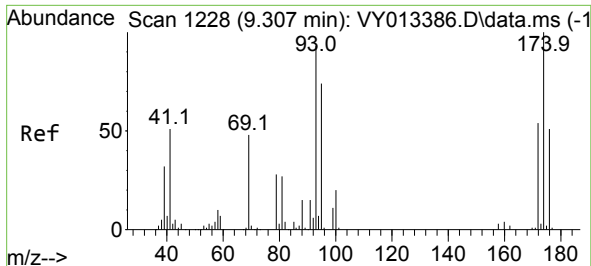
Tgt Ion: 75 Resp: 12738
Ion Ratio Lower Upper
75 100
110 9.0 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.129 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion: 117 Resp: 15458
Ion Ratio Lower Upper
117 100
119 8.1 79.0 118.6#
121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 1.216 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.092 min

Lab File: VY013455.D

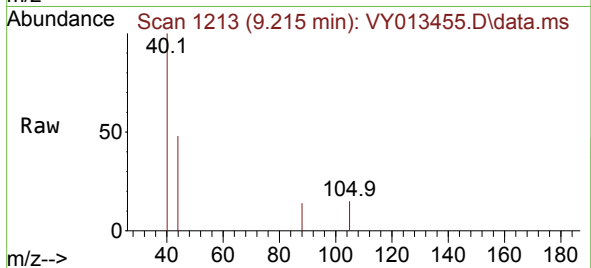
Acq: 25 Apr 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-9.5-10.0



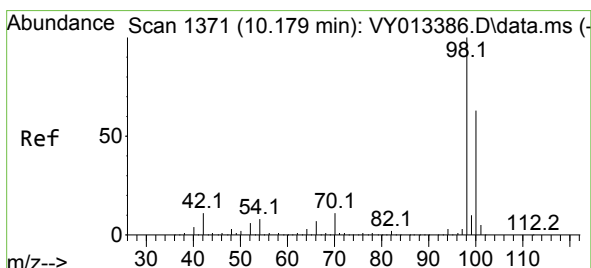
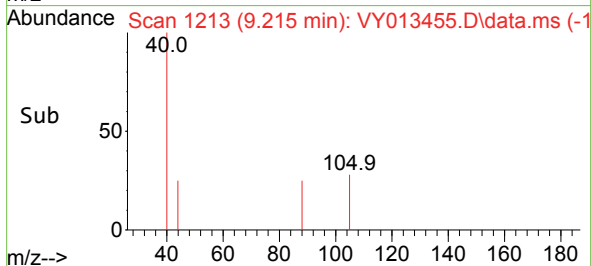
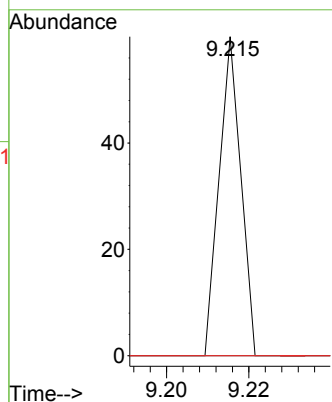
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 55.036 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013455.D

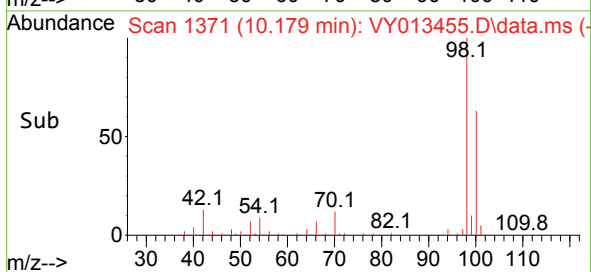
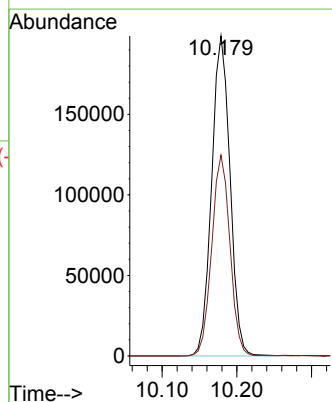
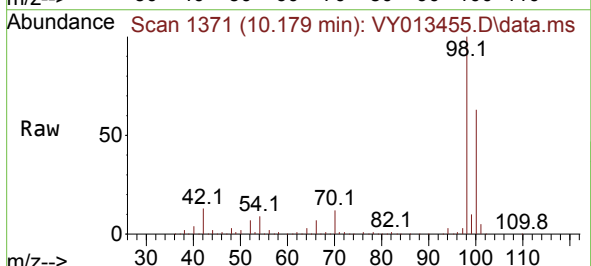
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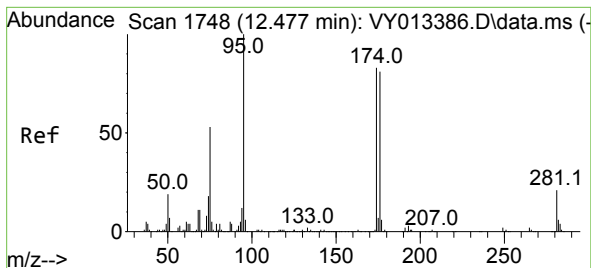
Tgt Ion: 98 Resp: 339243

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7

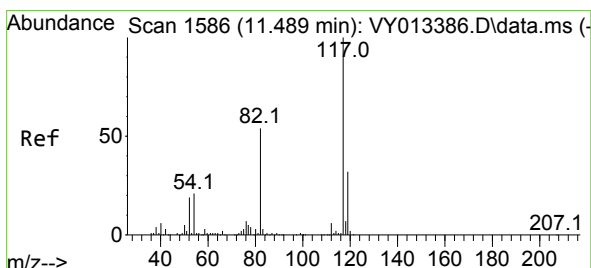
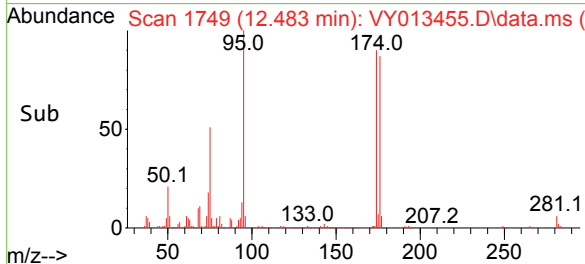
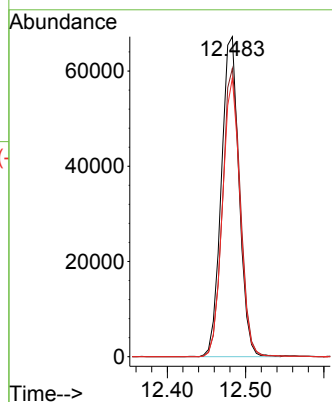
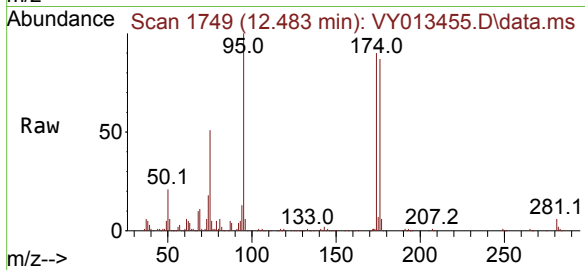




#62
4-Bromofluorobenzene
Concen: 50.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

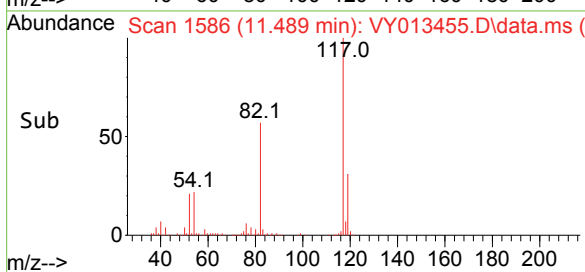
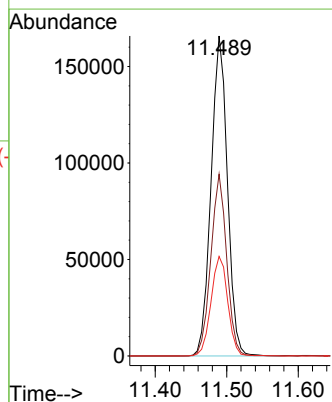
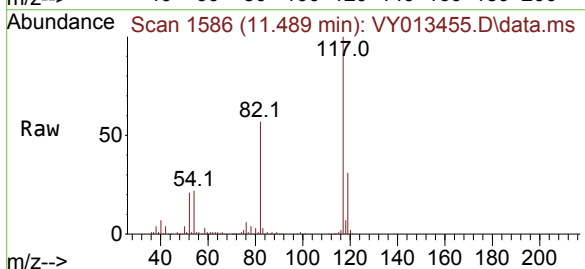
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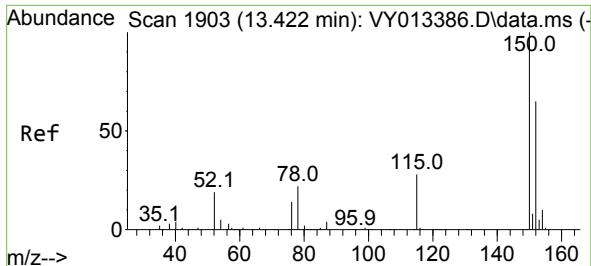
Tgt Ion: 95 Resp: 105793
Ion Ratio Lower Upper
95 100
174 90.4 0.0 182.0
176 86.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion: 117 Resp: 263202
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.6
119 31.1 25.5 38.3

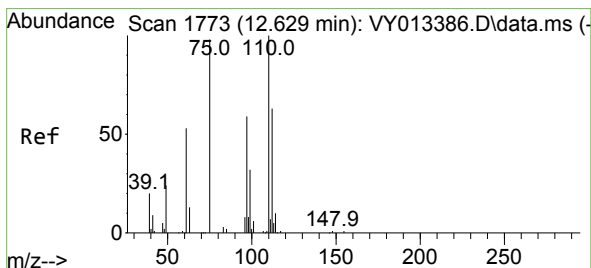
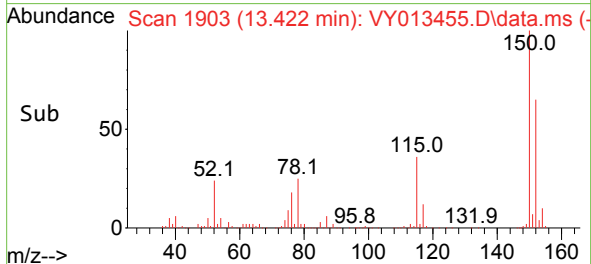
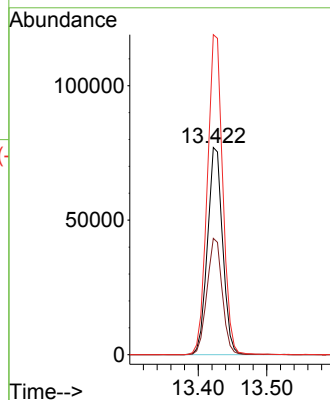
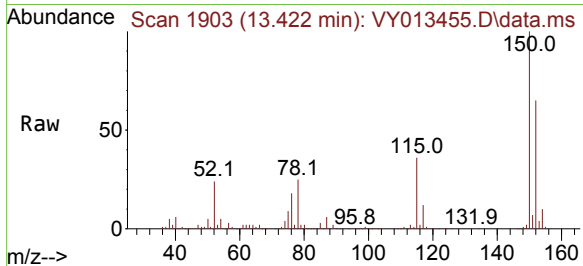




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013455.D
 Acq: 25 Apr 2023 18:37

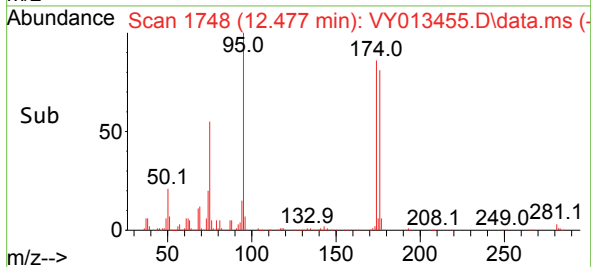
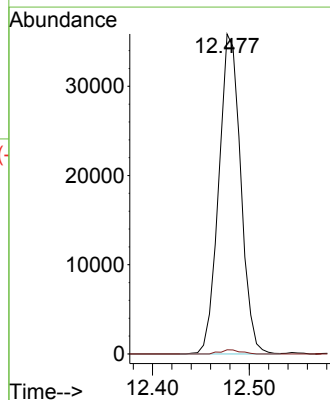
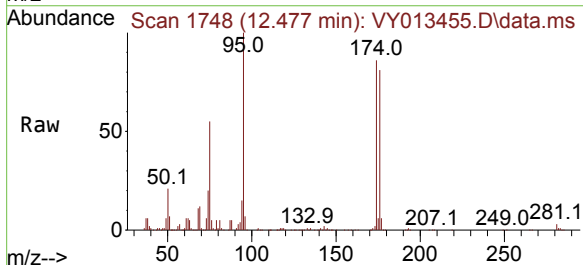
Instrument :
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 SB-02-9.5-10.0

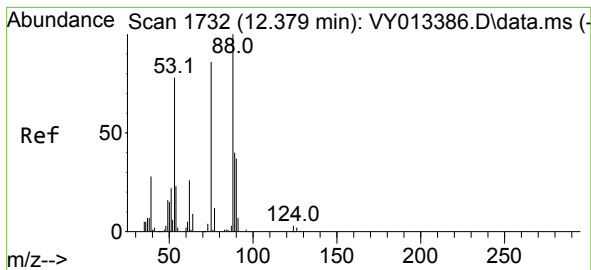
Tgt Ion:152 Resp: 118869
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.1 84.2
 150 156.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 35.155 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013455.D
 Acq: 25 Apr 2023 18:37

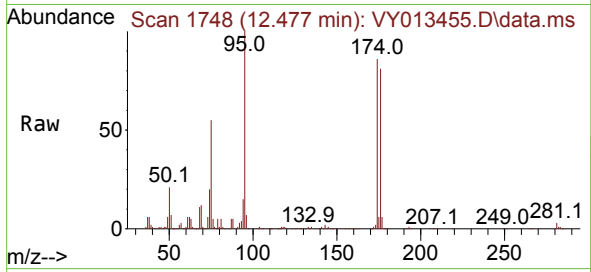
Tgt Ion: 75 Resp: 56357
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.912 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013455.D
 Acq: 25 Apr 2023 18:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-9.5-10.0



Tgt Ion:	75	Resp:	56357
Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.0	38.0	57.0#

