

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015220.D
 Acq On : 21 Aug 2023 15:07
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

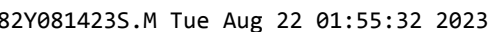
Quant Time: Aug 22 01:55:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

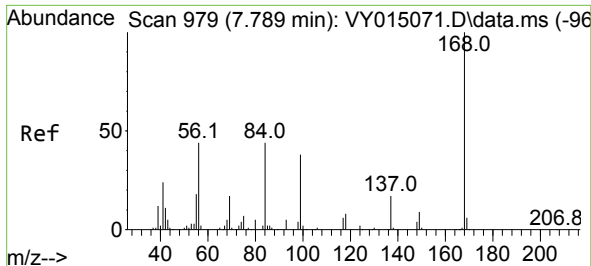
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	55431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	91658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33726	50.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.710	113	29984	48.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.380%			
50) Toluene-d8	10.173	98	116357	50.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.460%			
62) 4-Bromofluorobenzene	12.477	95	40229	47.551	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.100%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	288	Below Cal	#	43
5) Bromomethane	2.650	94	328	Below Cal	#	55
16) Acetone	3.936	43	3307	15.213	ug/l #	88
20) Methylene Chloride	4.704	84	4919	5.602	ug/l #	80
36) 1,1-Dichloropropene	7.783	75	4414	6.412	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5775	7.089	ug/l #	16
52) Toluene	10.240	92	67819	49.439	ug/l	95
67) Ethyl Benzene	11.593	91	4579	1.565	ug/l	97
68) m/p-Xylenes	11.697	106	4400	3.959	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	21748	42.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21748	92.673	ug/l #	10
95) Naphthalene	15.239	128	2227	1.130	ug/l #	94

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

Quant Time: Aug 22 01:55:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

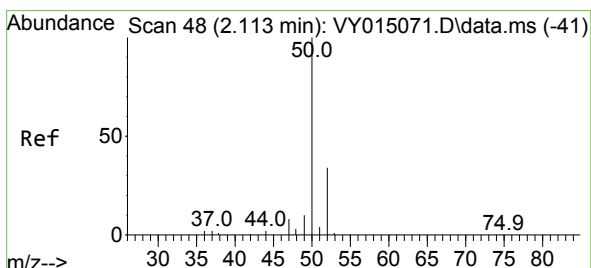
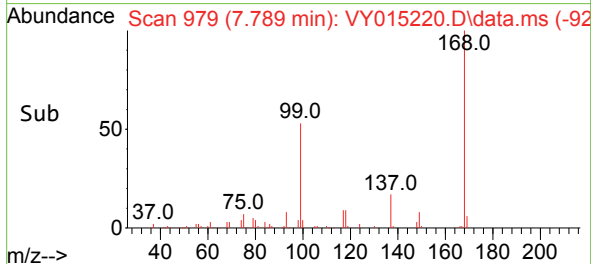
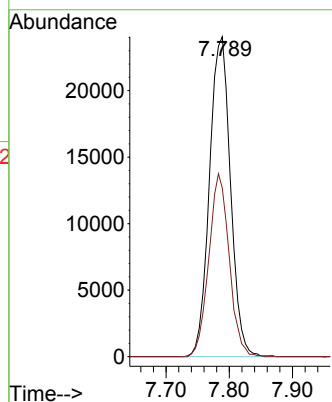
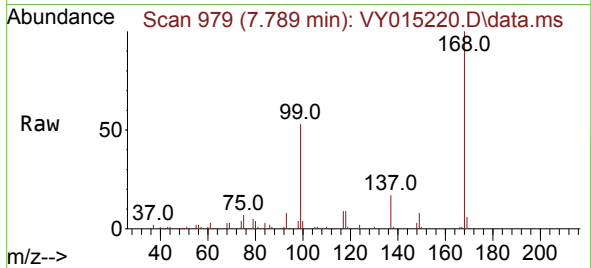




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

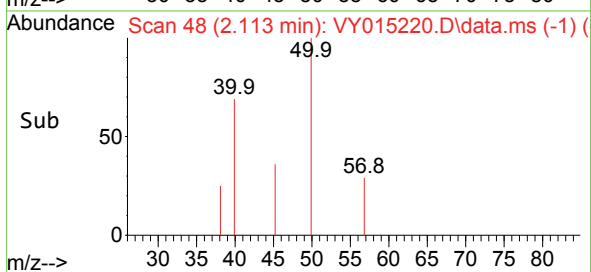
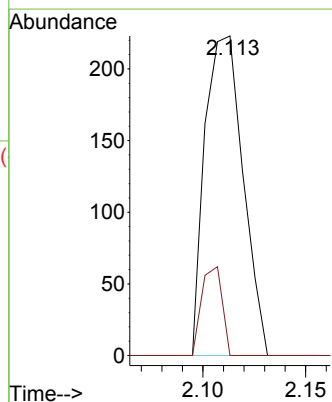
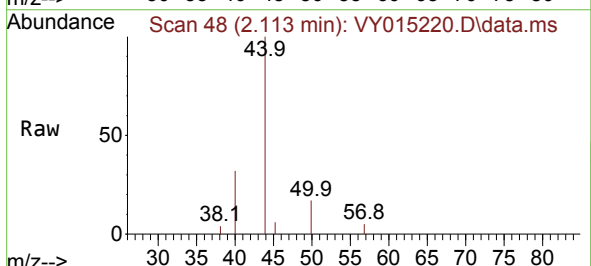
Instrument :
MSVOA_Y
ClientSampleId :

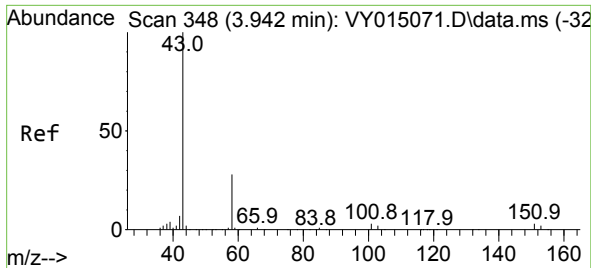
Tgt Ion:168 Resp: 55431
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#16

Acetone

Concen: 15.213 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Instrument :

MSVOA_Y

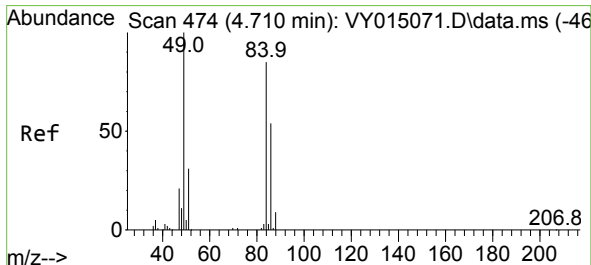
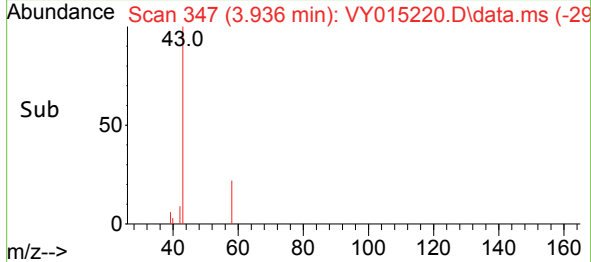
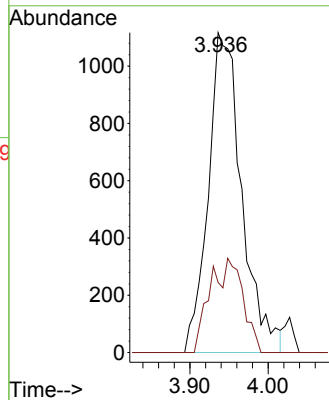
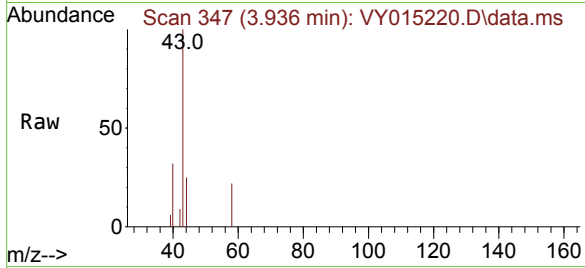
ClientSampleId :

Tgt Ion: 43 Resp: 3307

Ion Ratio Lower Upper

43 100

58 21.9 22.7 34.1#



#20

Methylene Chloride

Concen: 5.602 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Tgt Ion: 84 Resp: 4919

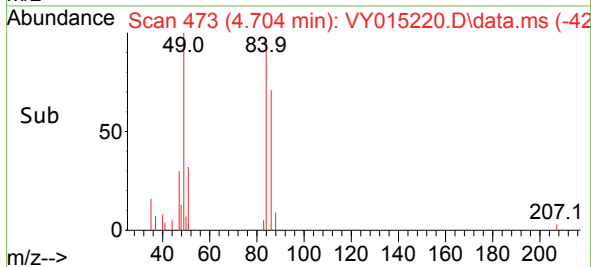
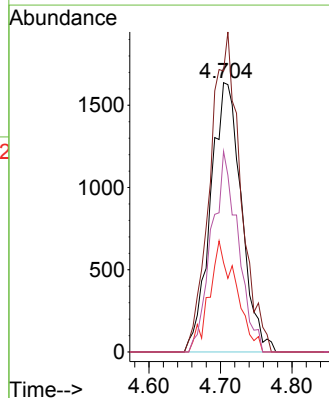
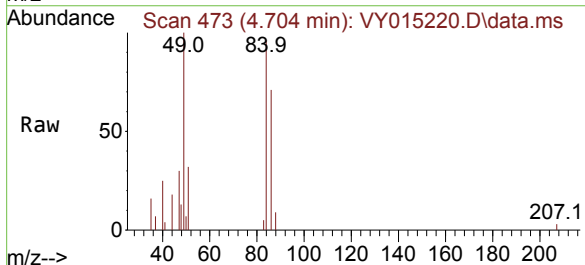
Ion Ratio Lower Upper

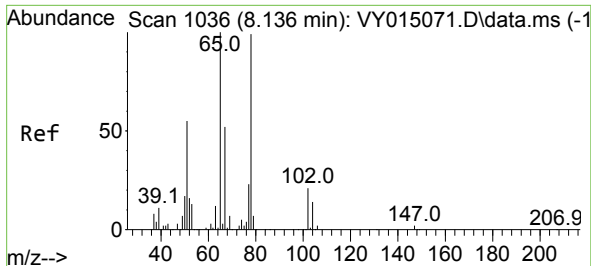
84 100

49 104.3 106.9 160.3#

51 33.2 33.2 49.8#

86 74.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 50.686 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Instrument :

MSVOA_Y

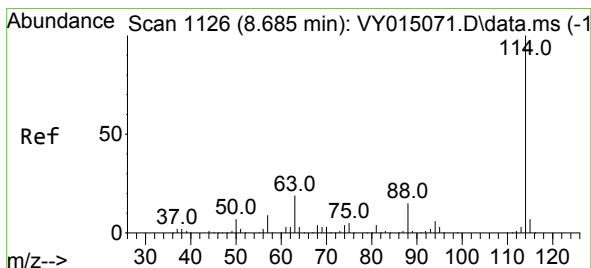
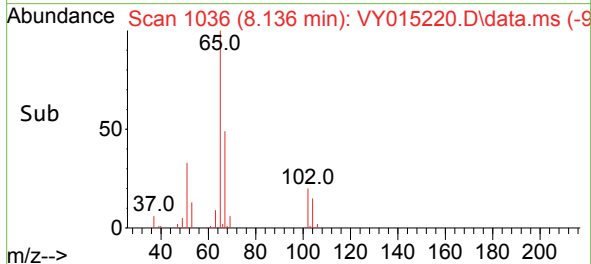
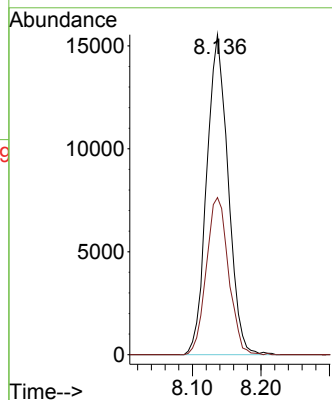
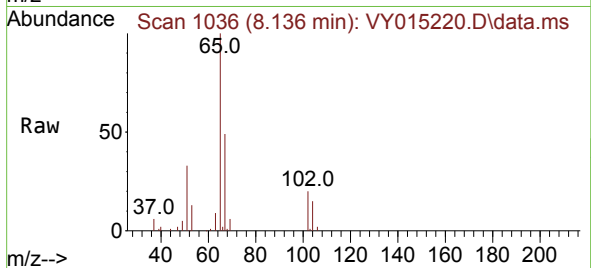
ClientSampleId :

Tgt Ion: 65 Resp: 33726

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

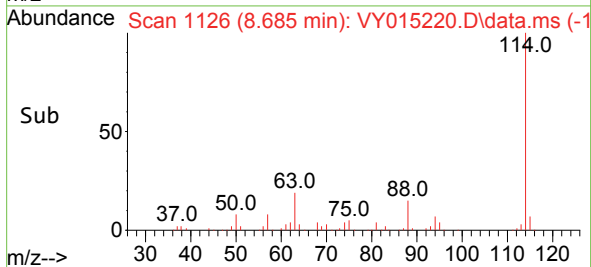
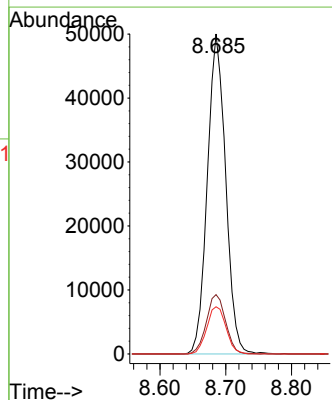
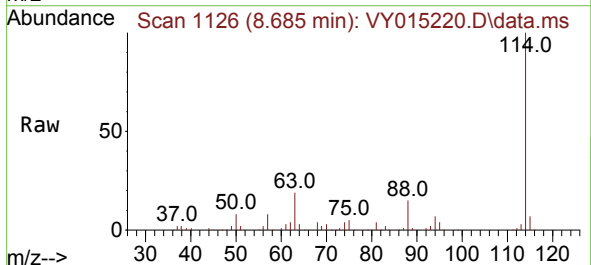
Tgt Ion: 114 Resp: 96719

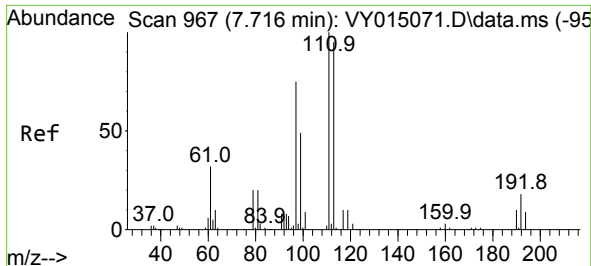
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

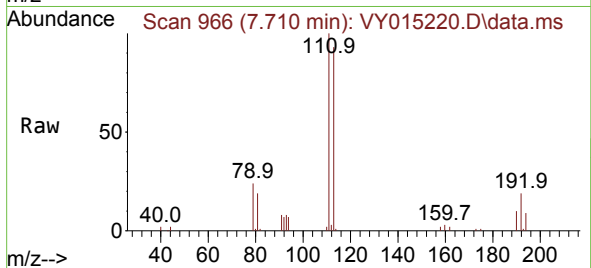
88 14.8 0.0 30.6



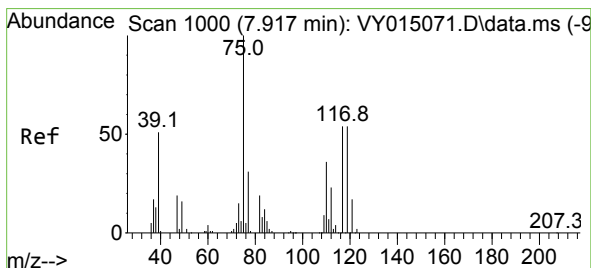
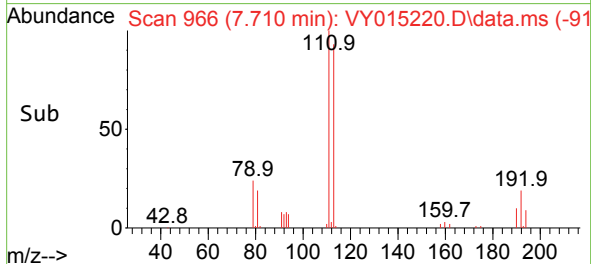
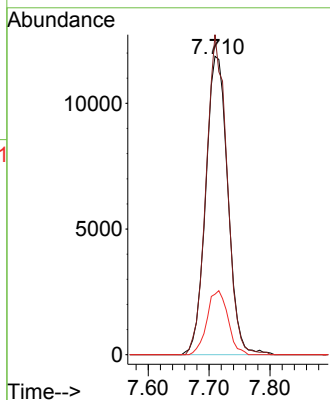


#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

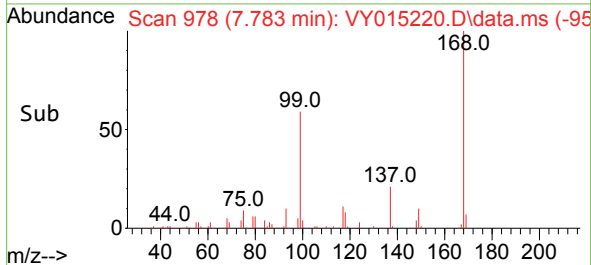
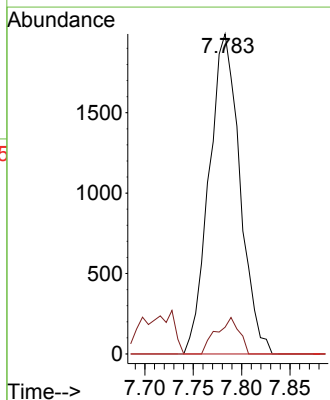
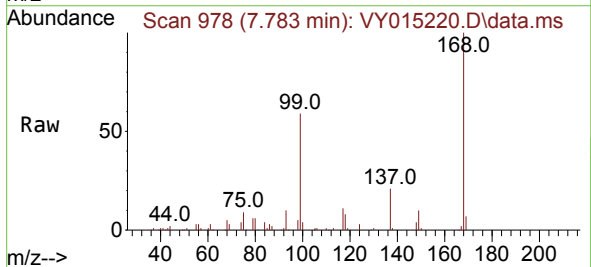


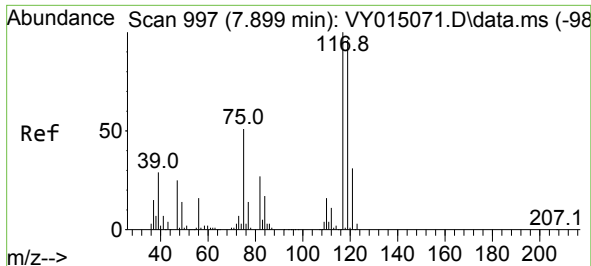
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	20.3	16.9	25.3



#36
1,1-Dichloropropene
Concen: 6.412 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

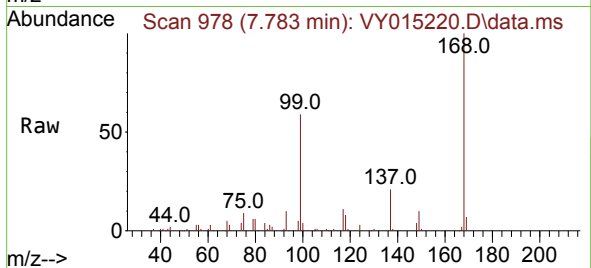
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	24.4	36.6#



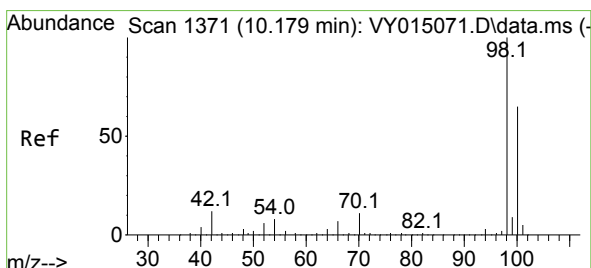
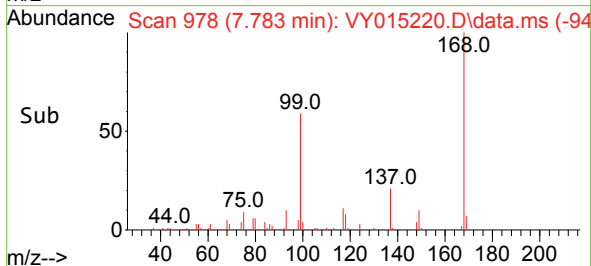
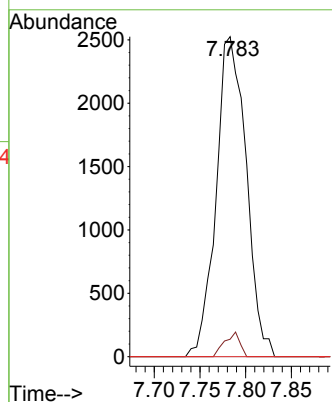


#38
Carbon Tetrachloride
Concen: 7.089 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :

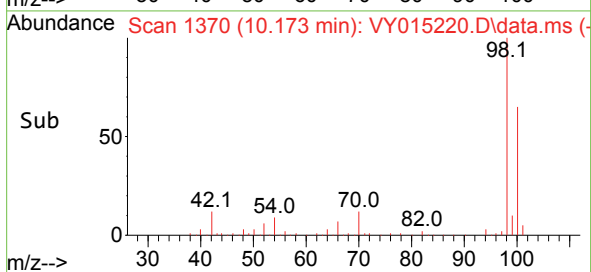
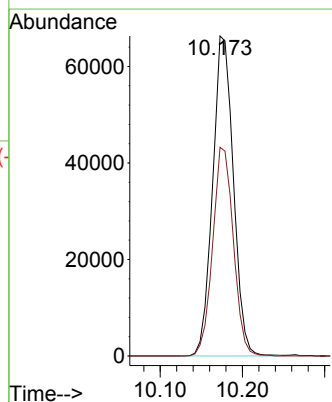
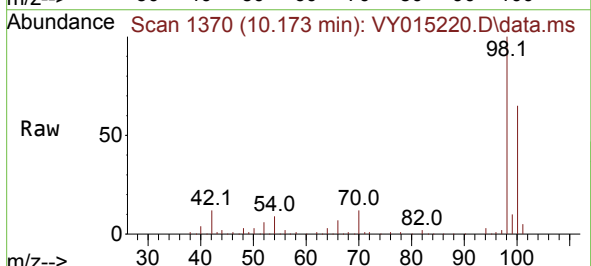


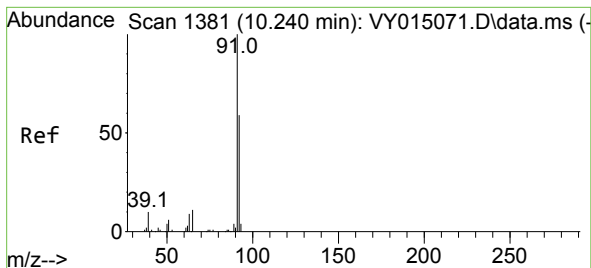
Tgt Ion:117 Resp: 5775
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.234 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion: 98 Resp: 116357
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





#52

Toluene

Concen: 49.439 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Instrument :

MSVOA_Y

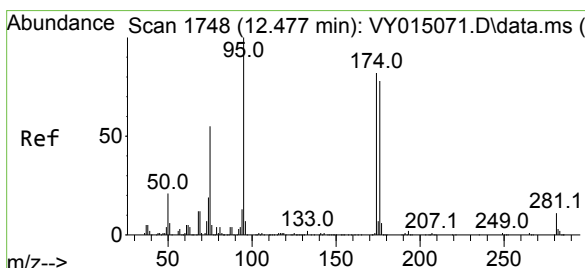
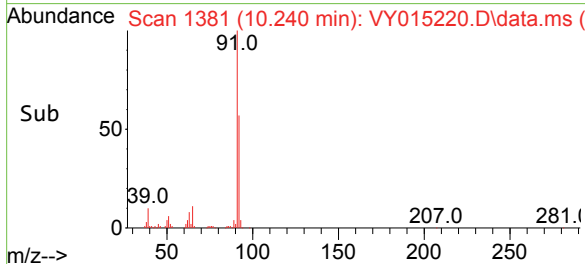
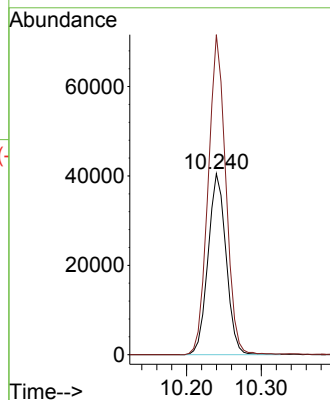
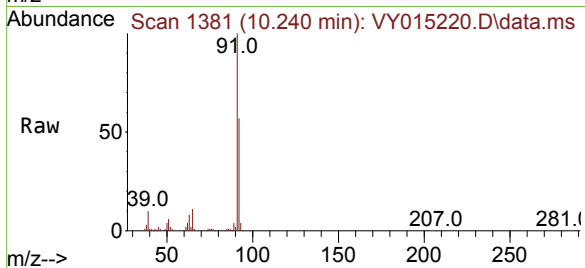
ClientSampleId :

Tgt Ion: 92 Resp: 67819

Ion Ratio Lower Upper

92 100

91 172.9 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 47.551 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

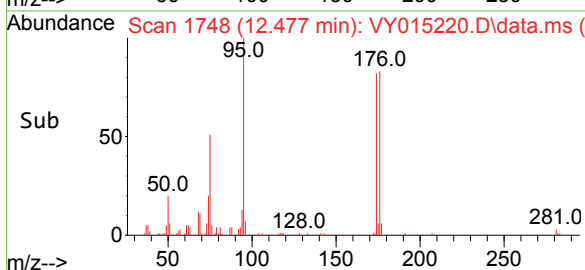
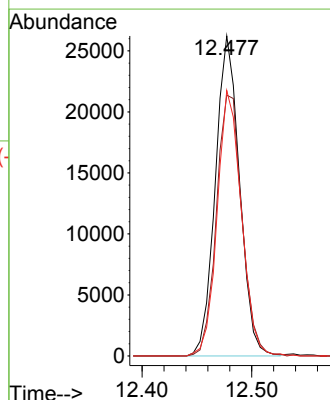
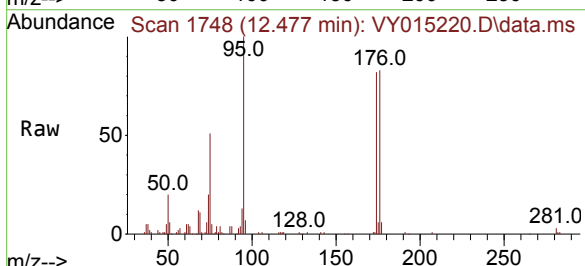
Tgt Ion: 95 Resp: 40229

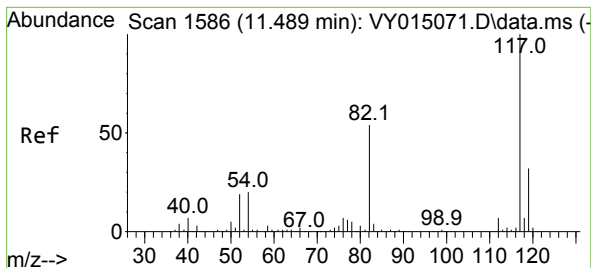
Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015220.D

Acq: 21 Aug 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

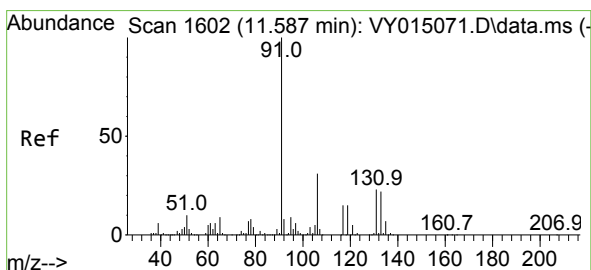
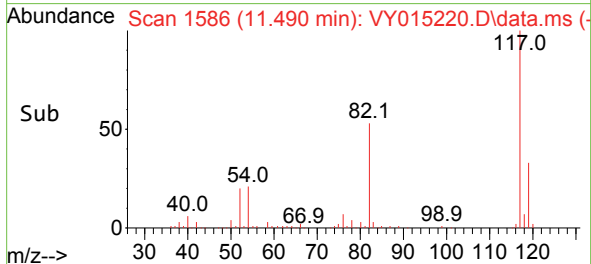
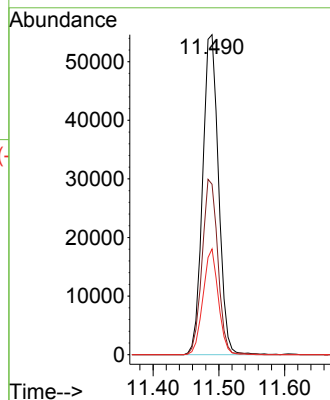
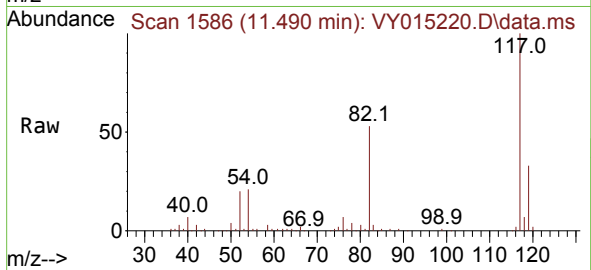
Tgt Ion:117 Resp: 91658

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 33.0 26.3 39.5



#67

Ethyl Benzene

Concen: 1.565 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015220.D

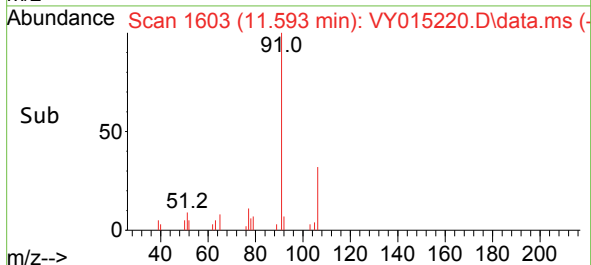
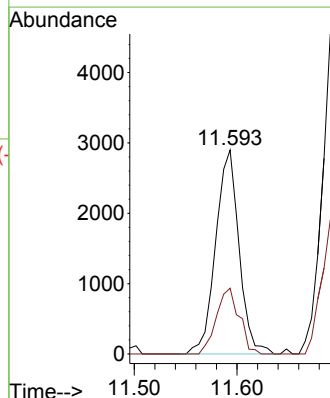
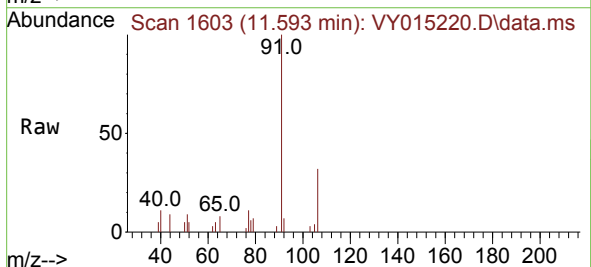
Acq: 21 Aug 2023 15:07

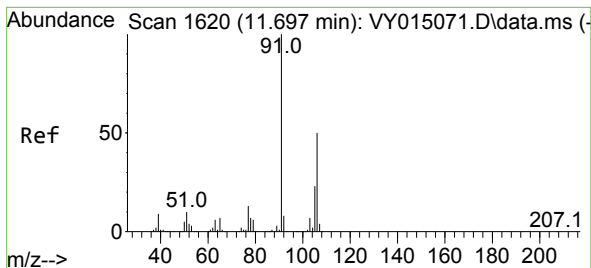
Tgt Ion: 91 Resp: 4579

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8

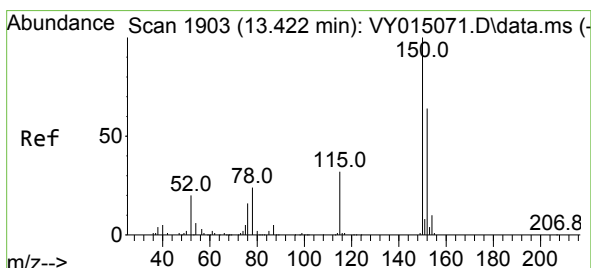
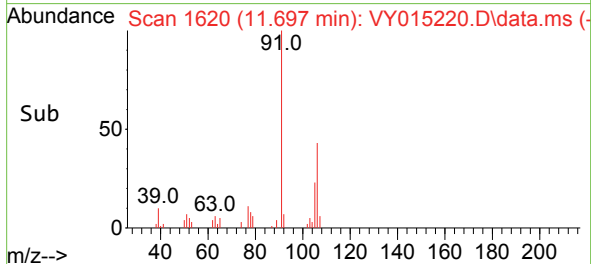
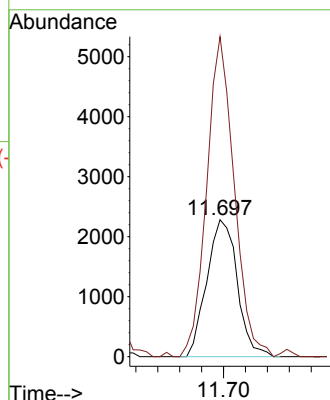
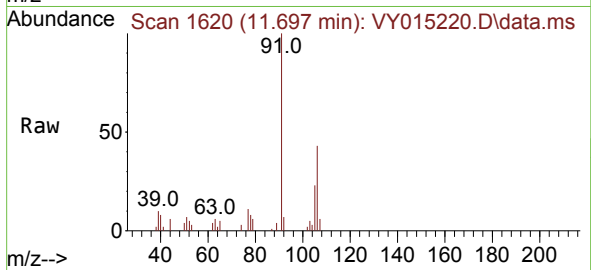




#68
m/p-Xylenes
Concen: 3.959 ug/l
RT: 11.697 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

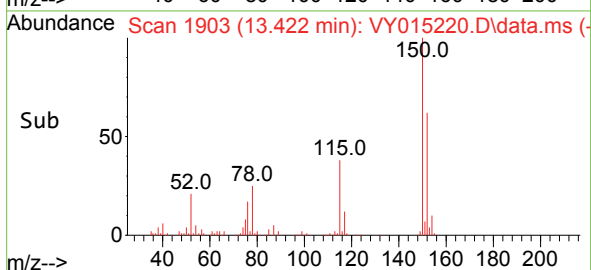
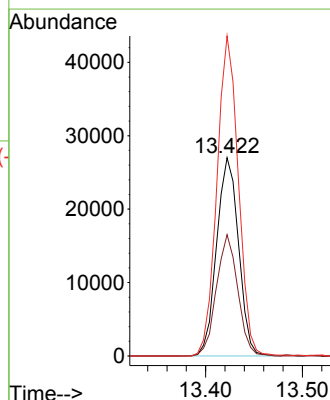
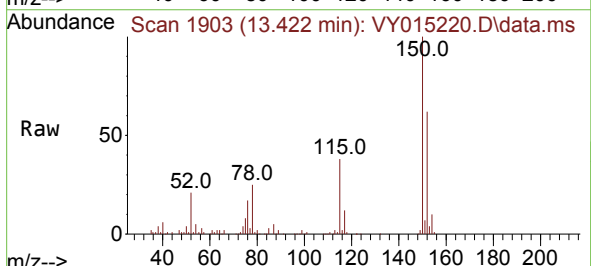
Instrument :
MSVOA_Y
ClientSampleId :

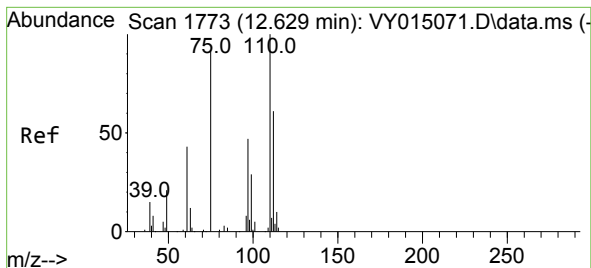
Tgt Ion:106 Resp: 4400
Ion Ratio Lower Upper
106 100
91 211.6 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Tgt Ion:152 Resp: 42427
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.5
150 158.1 0.0 348.8

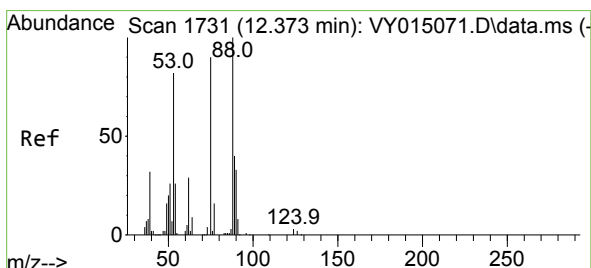
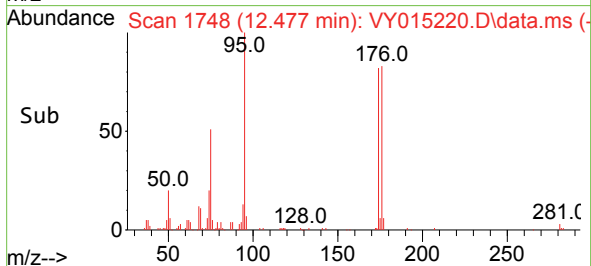
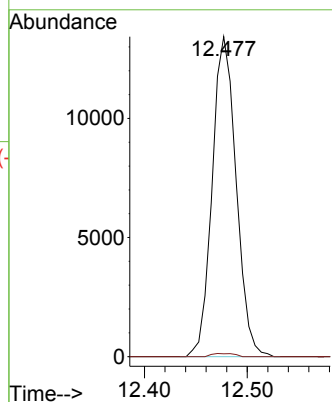
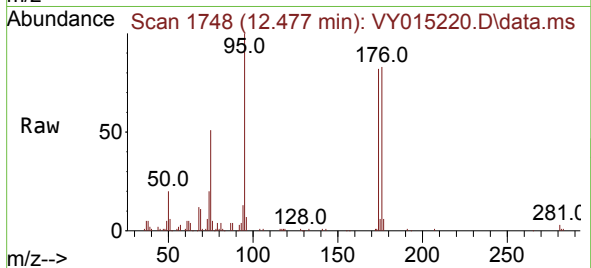




#76
1,2,3-Trichloropropane
Concen: 42.192 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

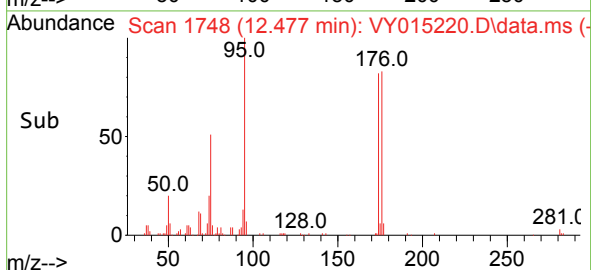
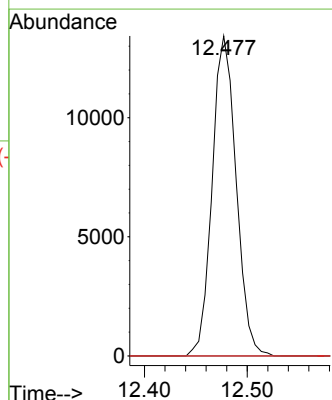
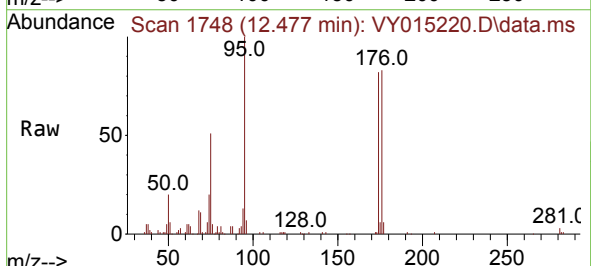
Instrument :
MSVOA_Y
ClientSampleId :

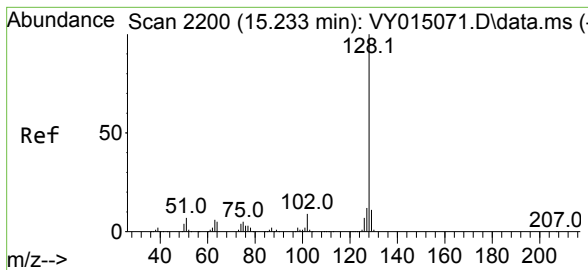
Tgt Ion: 75 Resp: 21748
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.673 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

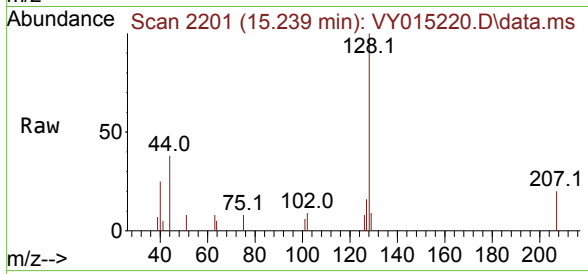
Tgt Ion: 75 Resp: 21748
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 1.130 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015220.D
Acq: 21 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2227
Ion Ratio Lower Upper
128 100
127 11.5 10.8 16.2
129 8.4 8.6 13.0#

