

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013120.D
 Acq On : 28 Mar 2023 16:34
 Operator : KP/MD
 Sample : 02111-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-WESTRE

Quant Time: Mar 29 02:30:41 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)

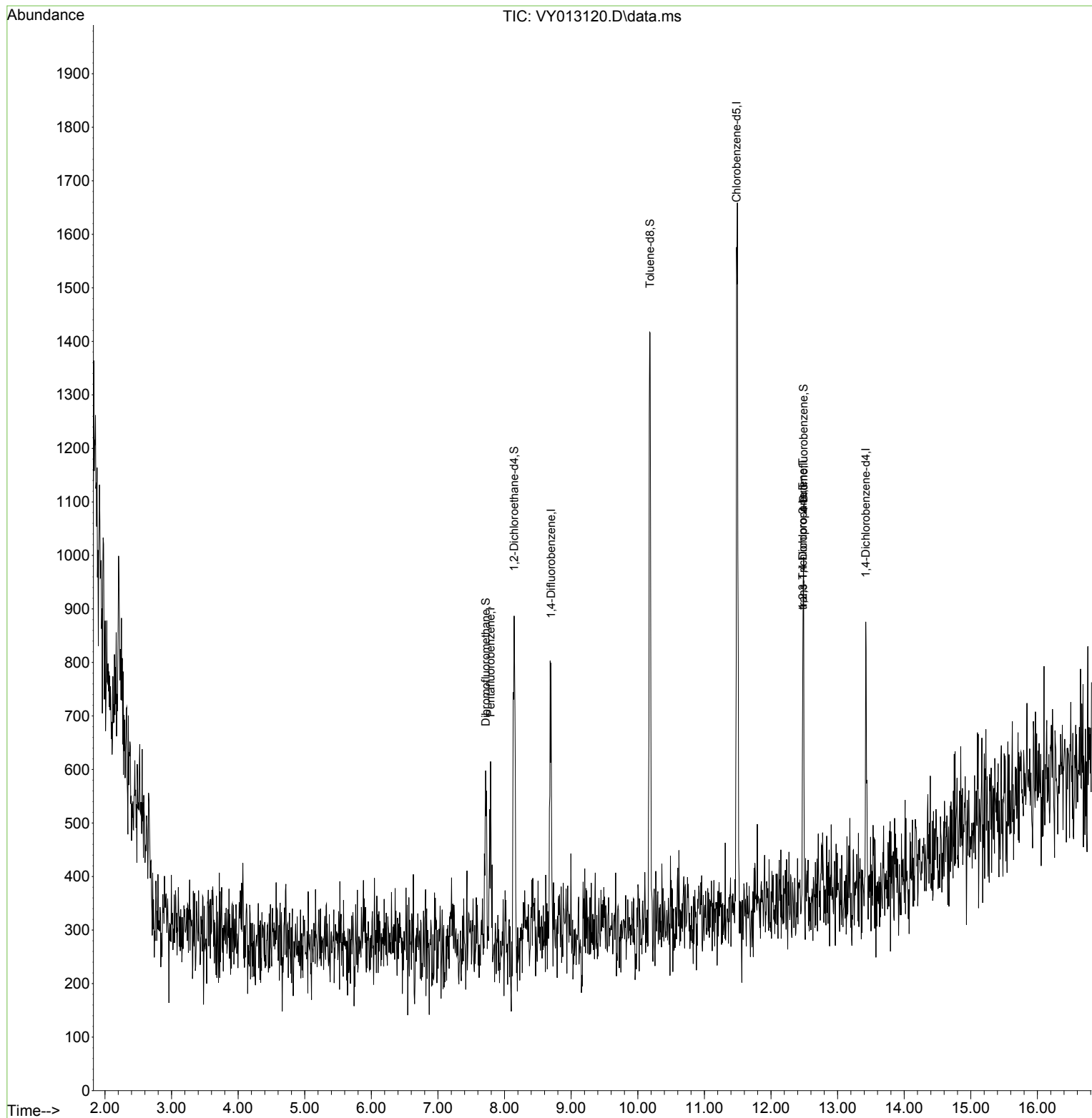
Internal Standards						
1) Pentafluorobenzene	7.789	168	354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1056	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	564	160.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	320.940%#
35) Dibromofluoromethane	7.716	113	287	57.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.420%
50) Toluene-d8	10.185	98	968	53.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.489	95	277	45.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.280%
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.477	75	108	53.833	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	108	111.544	ug/l	# 13

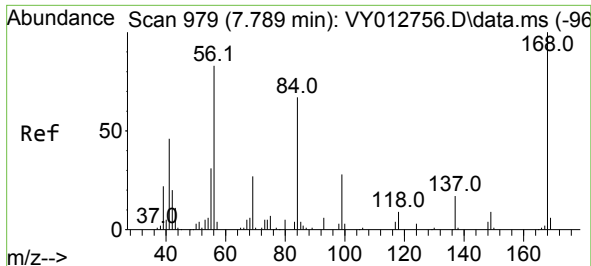
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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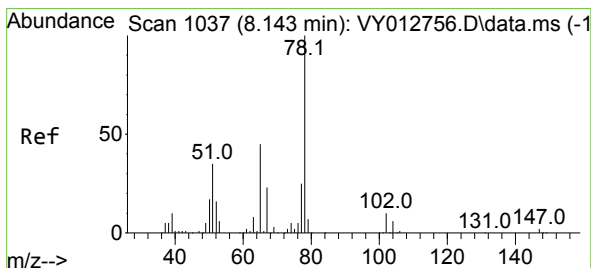
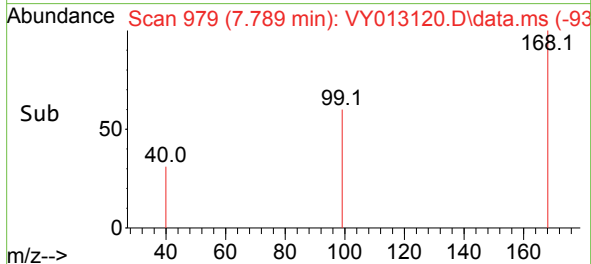
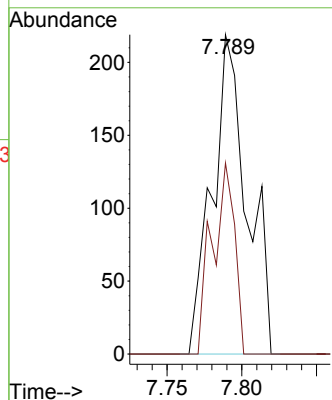
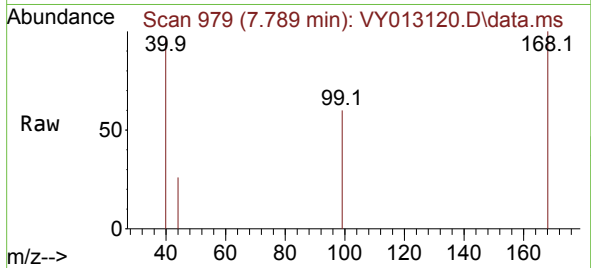




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

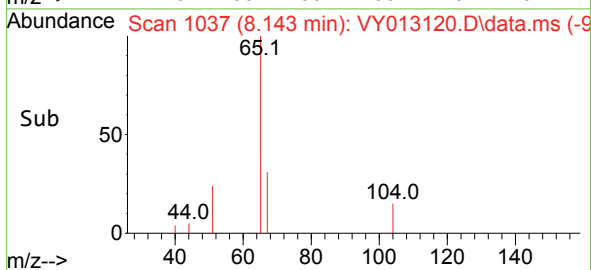
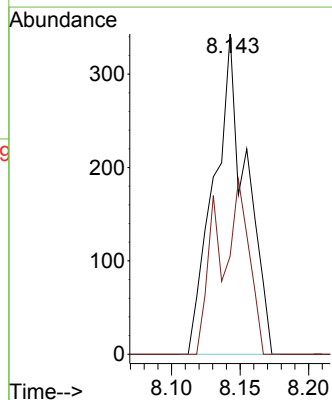
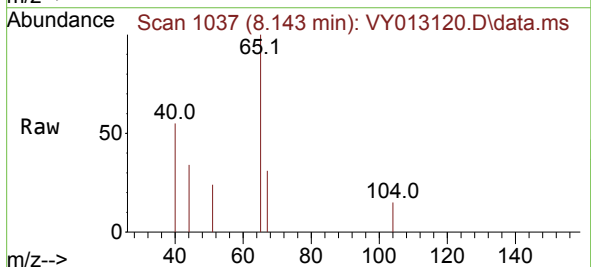
Instrument :
MSVOA_Y
ClientSampleId :
APCS-WESTRE

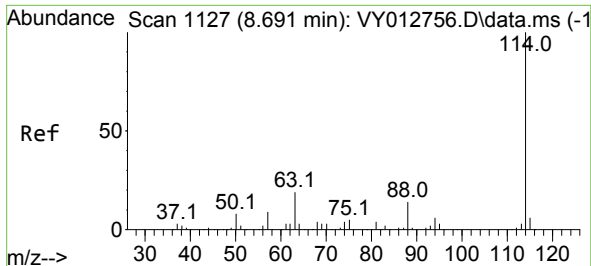
Tgt Ion:168 Resp: 354
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 160.466 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

Tgt Ion: 65 Resp: 564
Ion Ratio Lower Upper
65 100
67 31.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013120.D

Acq: 28 Mar 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

APCS-WESTRE

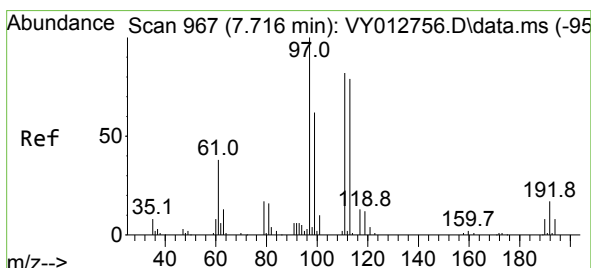
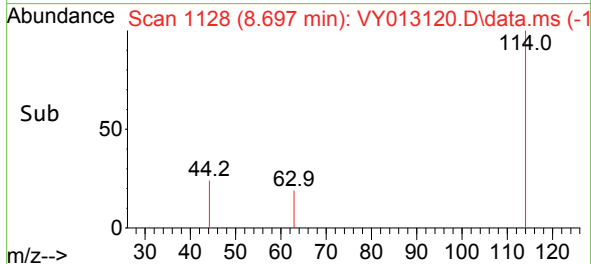
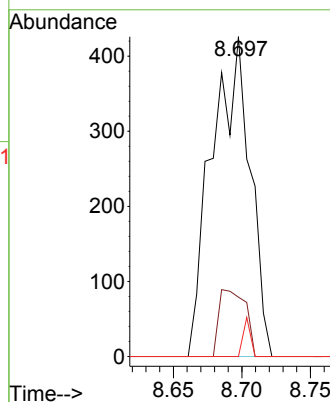
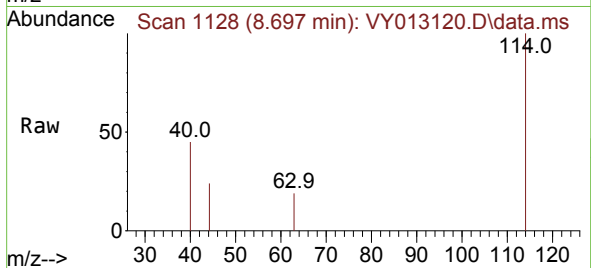
Tgt Ion:114 Resp: 824

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.714 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013120.D

Acq: 28 Mar 2023 16:34

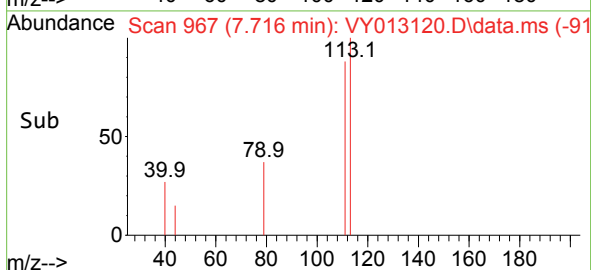
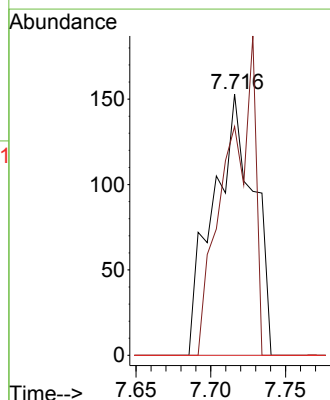
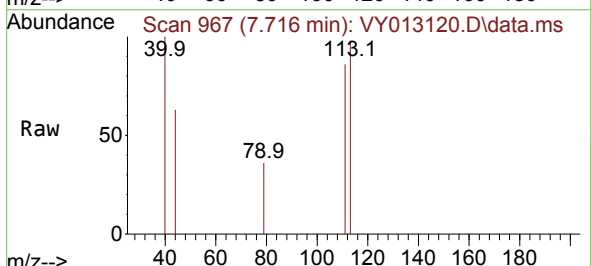
Tgt Ion:113 Resp: 287

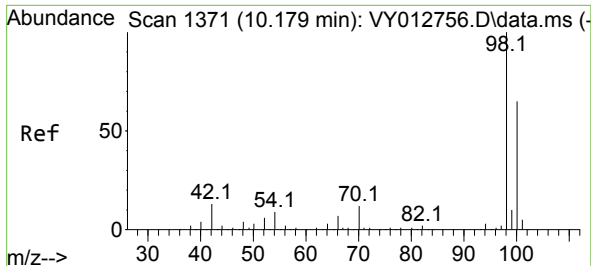
Ion Ratio Lower Upper

113 100

111 85.0 82.2 123.2

192 0.0 16.8 25.2#

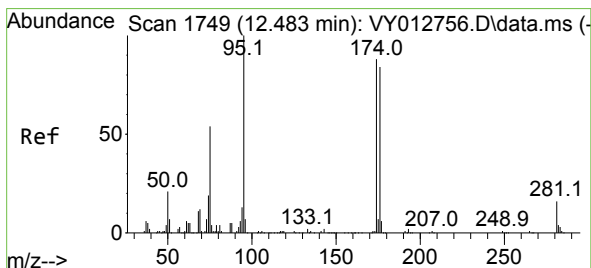
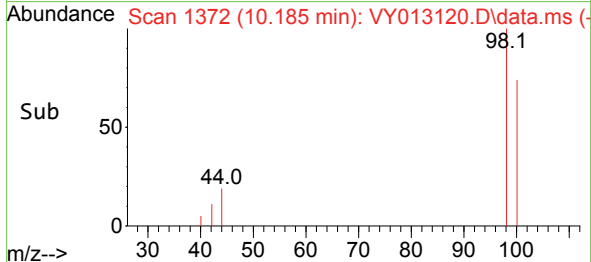
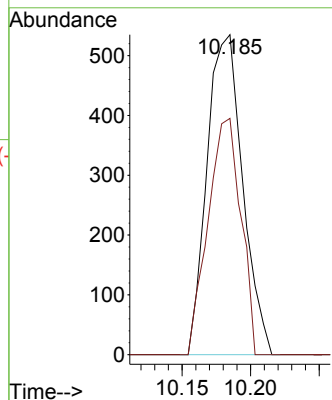
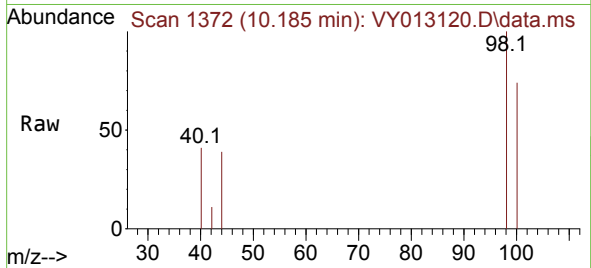




#50
Toluene-d8
Concen: 53.246 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

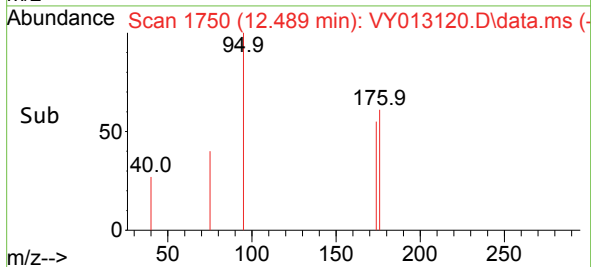
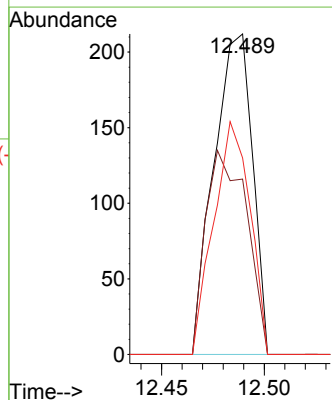
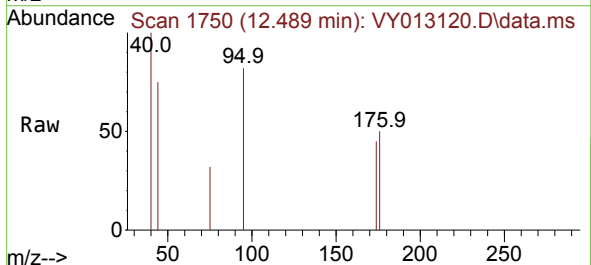
Instrument :
MSVOA_Y
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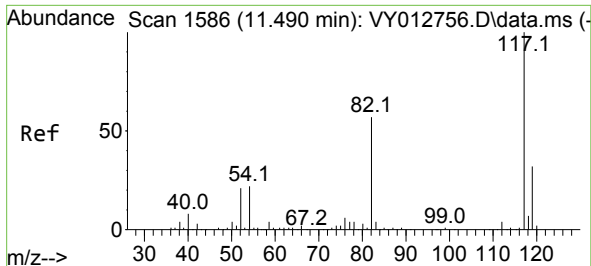
Tgt Ion: 98 Resp: 968
Ion Ratio Lower Upper
98 100
100 67.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.143 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

Tgt Ion: 95 Resp: 277
Ion Ratio Lower Upper
95 100
174 67.5 0.0 176.6
176 68.6 0.0 170.2

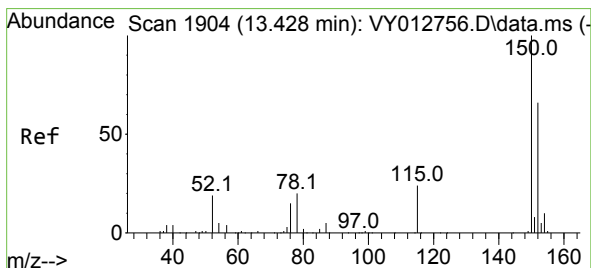
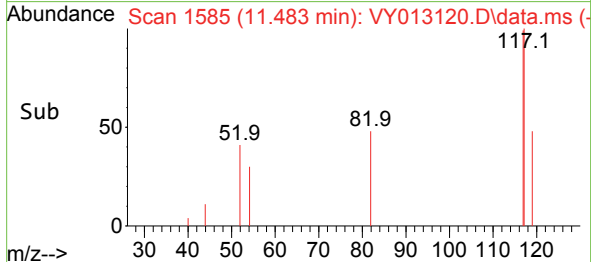
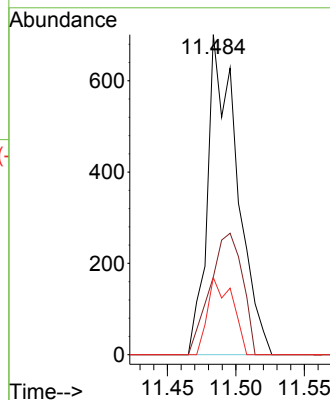
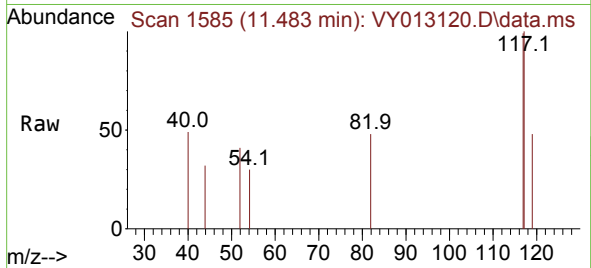




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

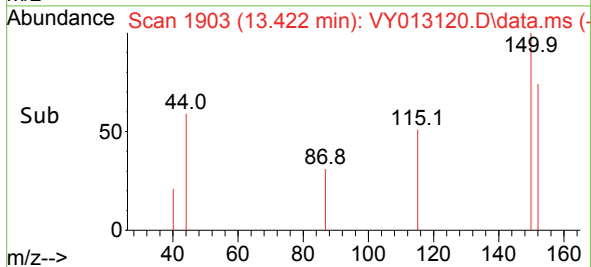
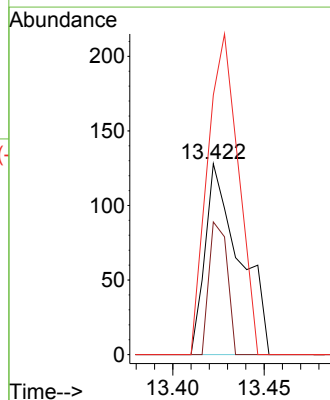
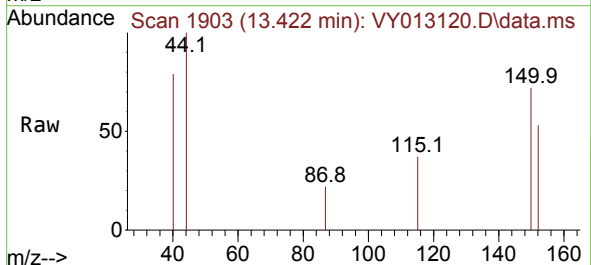
Instrument :
MSVOA_Y
ClientSampleId :
APCS-WESTRE

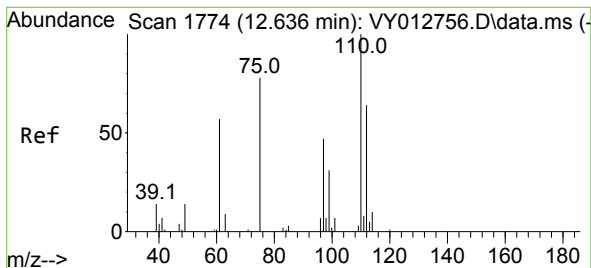
Tgt Ion:117 Resp: 1056
Ion Ratio Lower Upper
117 100
82 24.3 45.4 68.0#
119 24.1 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013120.D
Acq: 28 Mar 2023 16:34

Tgt Ion:152 Resp: 168
Ion Ratio Lower Upper
152 100
115 36.3 27.1 81.3
150 150.6 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 53.833 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY013120.D

Acq: 28 Mar 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

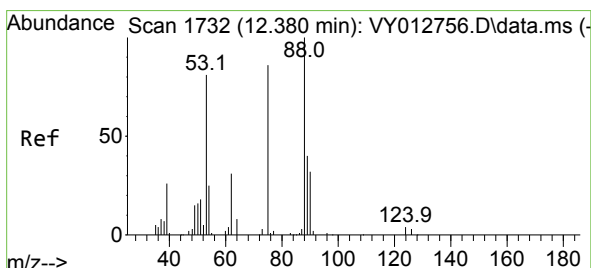
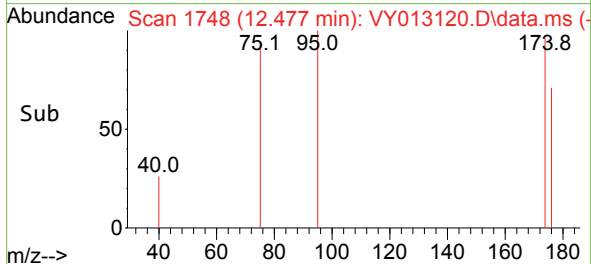
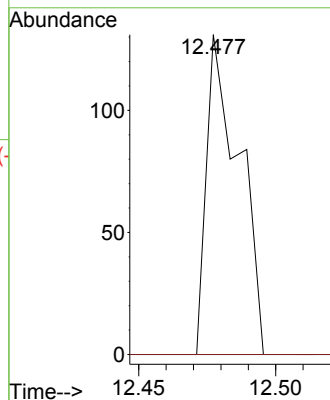
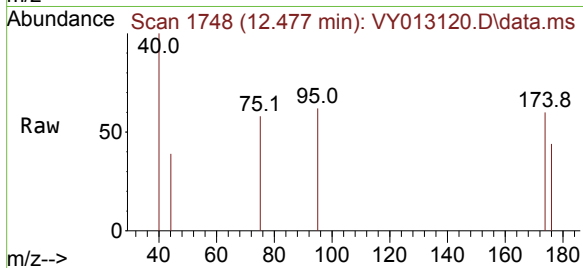
APCS-WESTRE

Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 111.544 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY013120.D

Acq: 28 Mar 2023 16:34

Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

