

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012479.D
 Acq On : 03 Feb 2023 16:00
 Operator : KP/MD
 Sample : 01414-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-123-2(20-30)

Quant Time: Feb 04 00:10:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

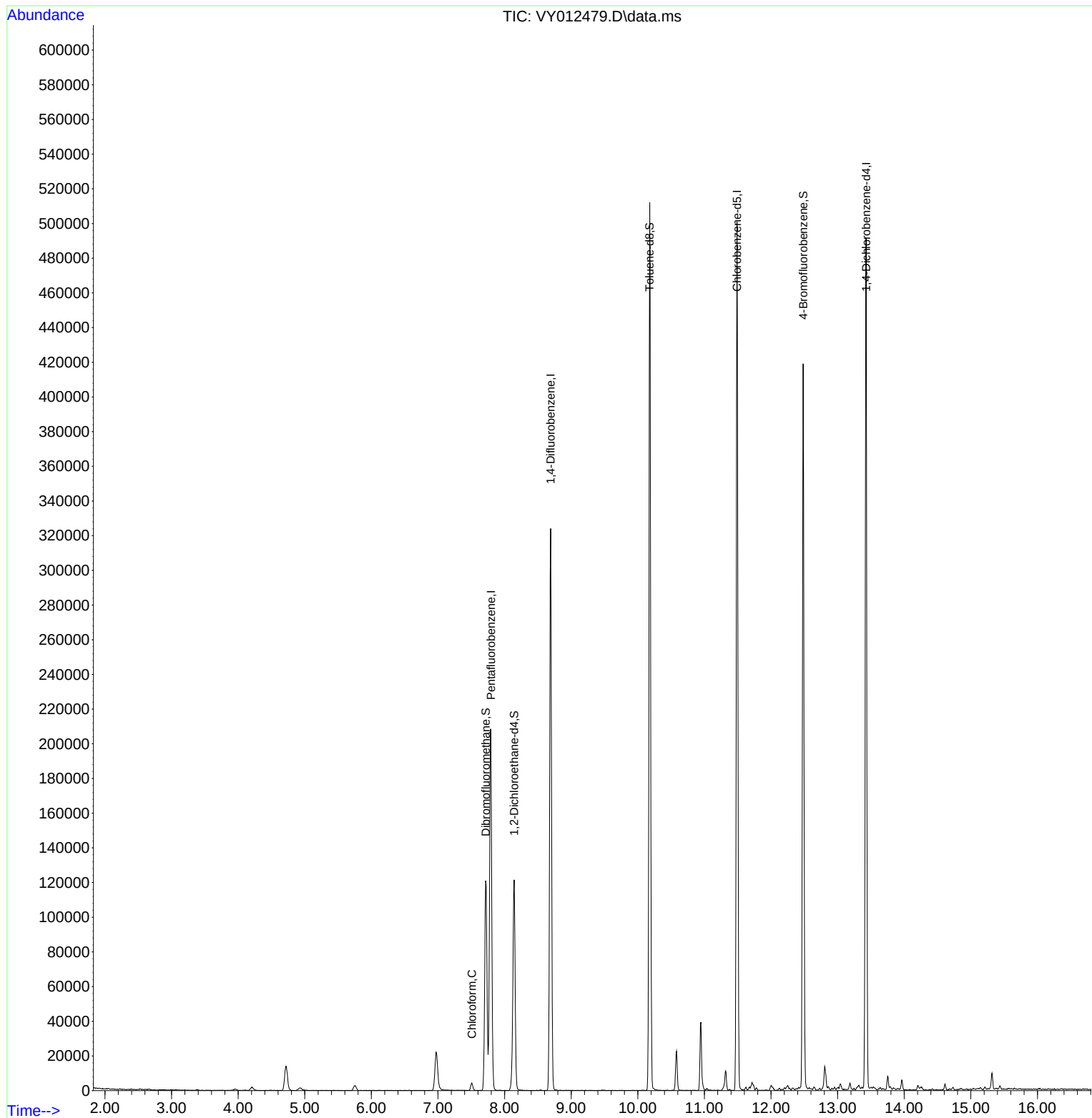
Internal Standards						
1) Pentafluorobenzene	7.795	168	167244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98171	72.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.180%	
35) Dibromofluoromethane	7.716	113	82658	54.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.780%	
50) Toluene-d8	10.179	98	335711	65.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.400%	
62) 4-Bromofluorobenzene	12.483	95	115210	54.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.540%	
Target Compounds						
					Qvalue	
30) Chloroform	7.509	83	4094	1.321	ug/l	93

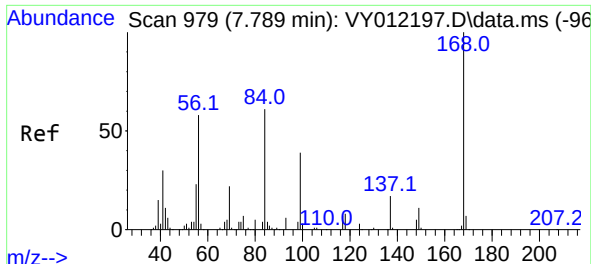
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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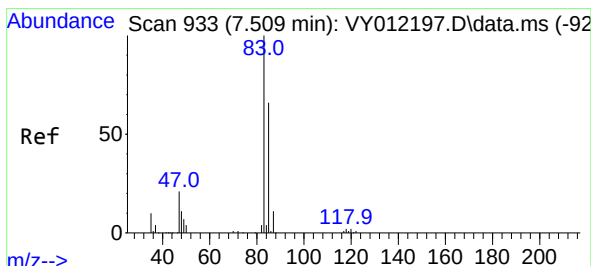
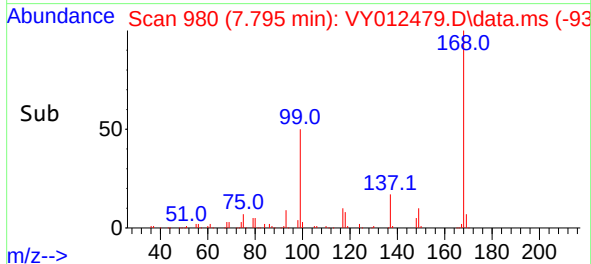
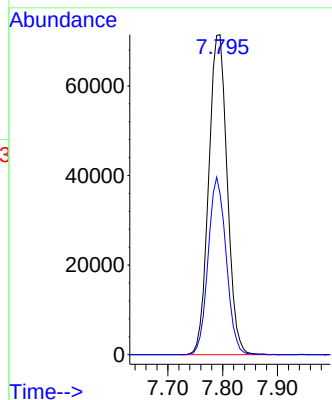
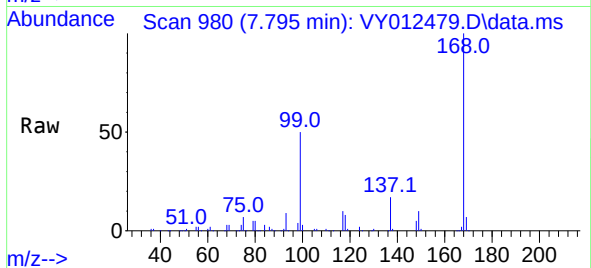




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

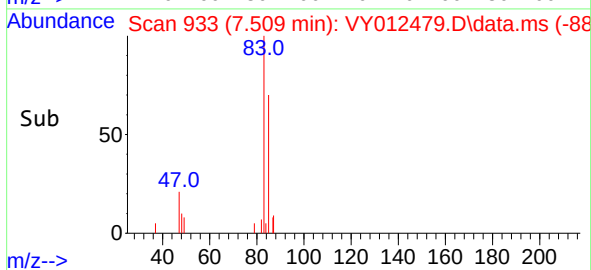
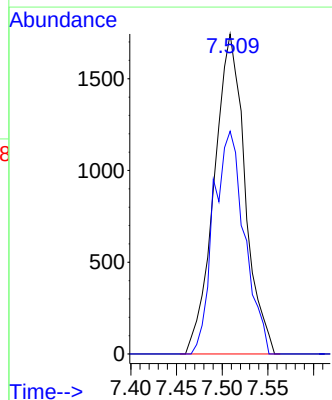
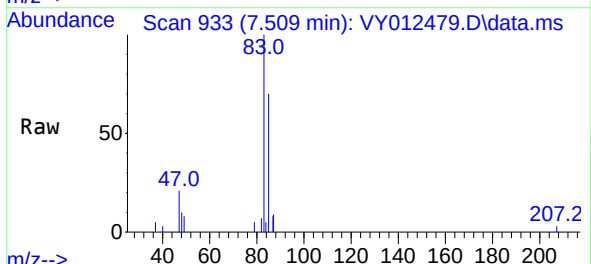
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(20-30)

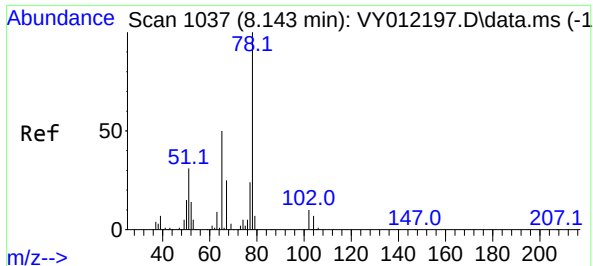
Tgt Ion:168 Resp: 167244
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#30
Chloroform
Concen: 1.321 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

Tgt Ion: 83 Resp: 4094
Ion Ratio Lower Upper
83 100
85 69.6 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 72.594 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012479.D

Acq: 03 Feb 2023 16:00

Instrument :

MSVOA_Y

ClientSampleId :

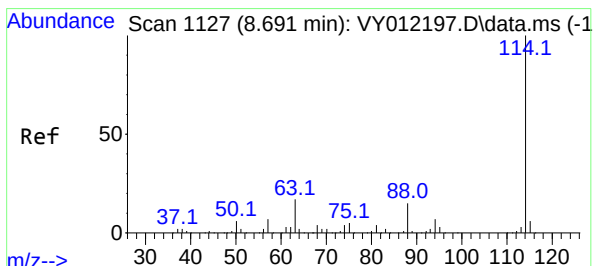
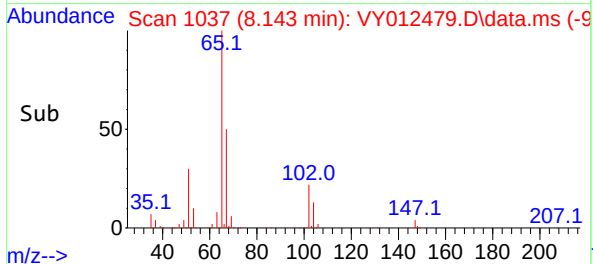
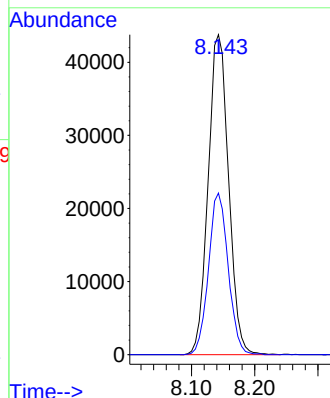
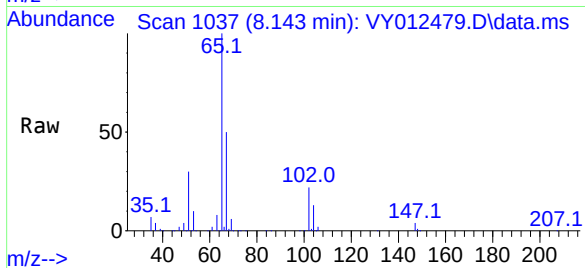
SASP2-123-2(20-30)

Tgt Ion: 65 Resp: 98171

Ion Ratio Lower Upper

65 100

67 48.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012479.D

Acq: 03 Feb 2023 16:00

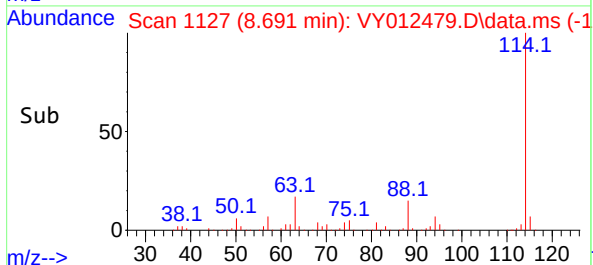
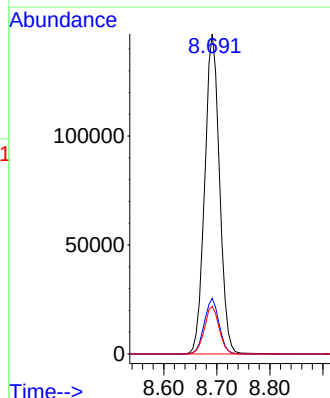
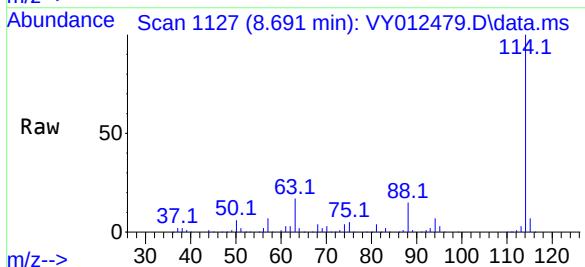
Tgt Ion: 114 Resp: 284417

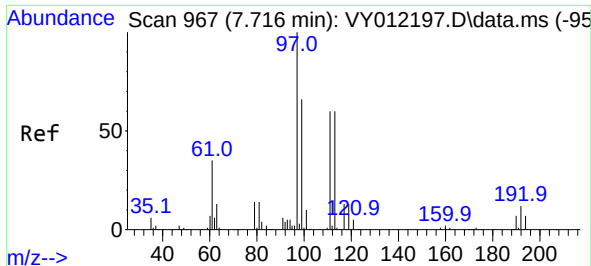
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.8 0.0 32.2

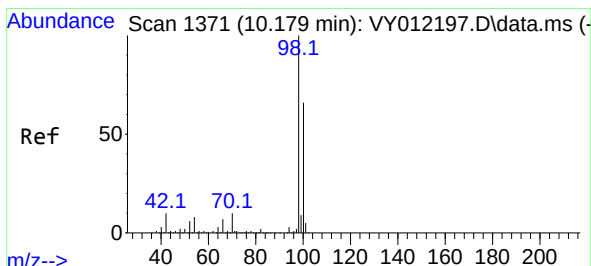
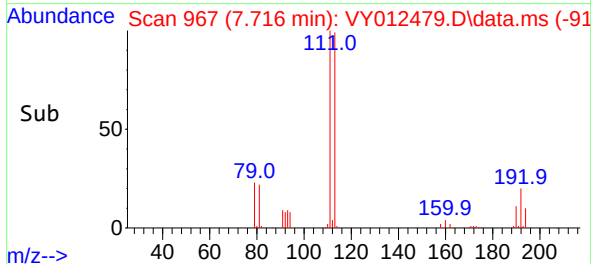
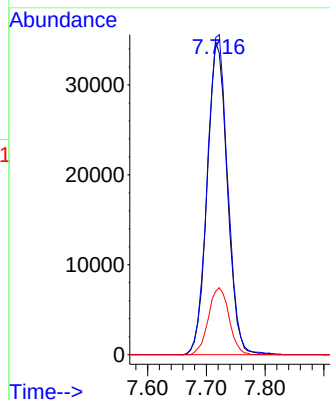
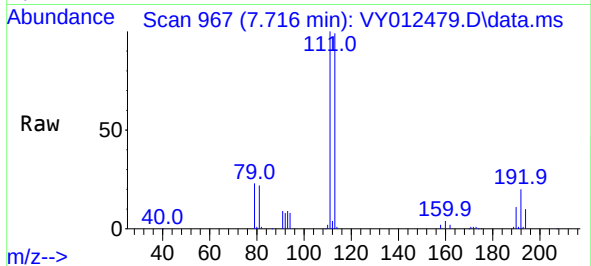




#35
Dibromofluoromethane
Concen: 54.886 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

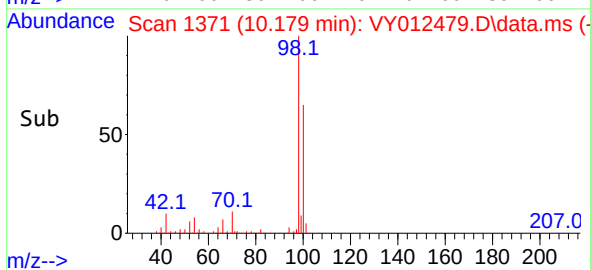
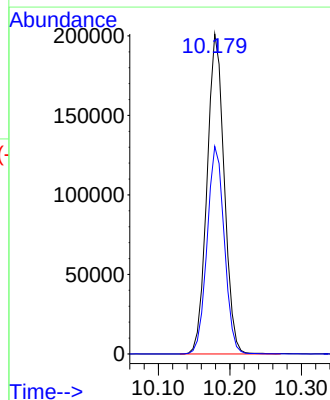
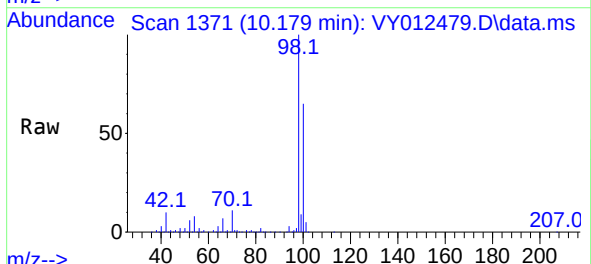
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(20-30)

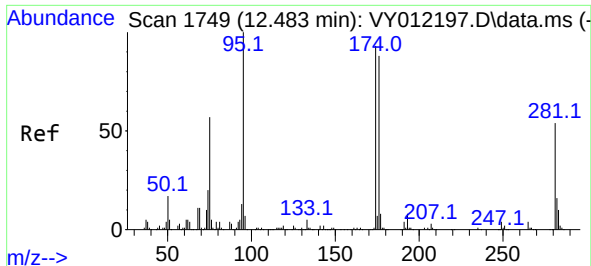
Tgt Ion:113 Resp: 82658
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.4
192 21.9 16.0 24.0



#50
Toluene-d8
Concen: 65.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

Tgt Ion: 98 Resp: 335711
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

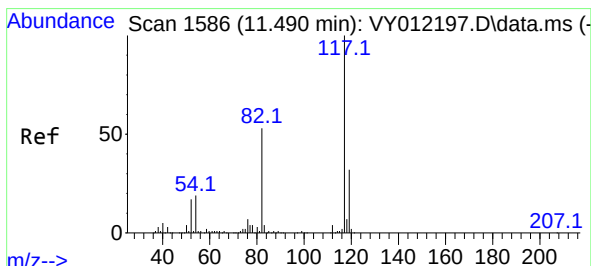
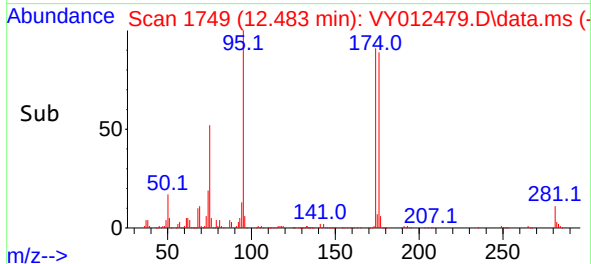
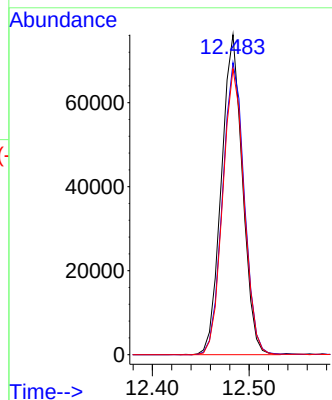
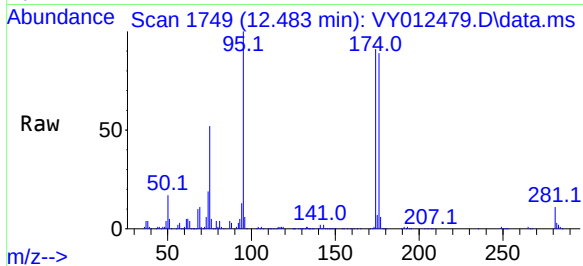




#62
4-Bromofluorobenzene
Concen: 54.268 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

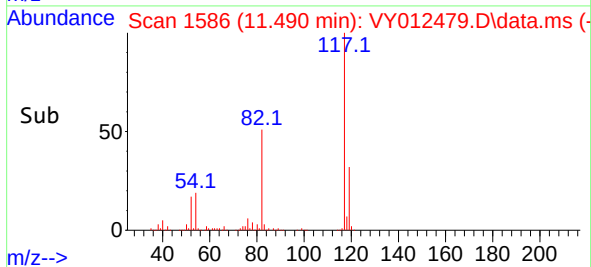
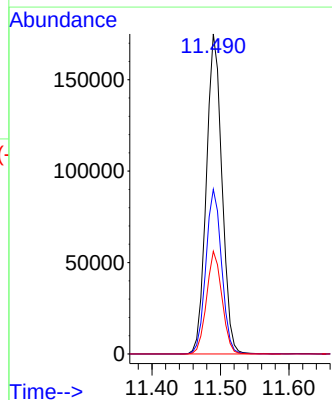
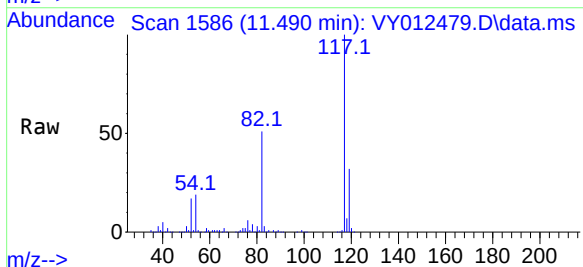
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-123-2(20-30)

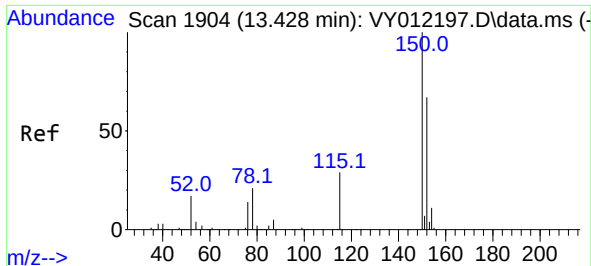
Tgt Ion: 95 Resp: 115210
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012479.D
Acq: 03 Feb 2023 16:00

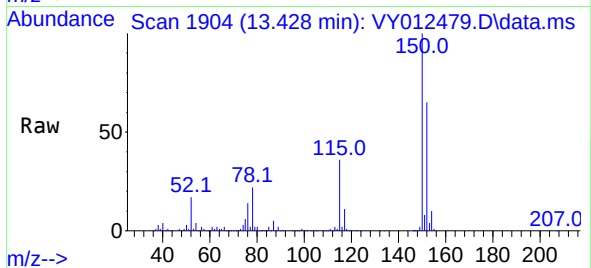
Tgt Ion: 117 Resp: 277680
Ion Ratio Lower Upper
117 100
82 51.5 44.8 67.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012479.D
 Acq: 03 Feb 2023 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-123-2(20-30)



Tgt Ion:152 Resp: 134067

Ion	Ratio	Lower	Upper
152	100		
115	55.8	29.1	87.3
150	154.5	0.0	342.6

