

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011401.D
 Acq On : 10 Nov 2022 19:17
 Operator : KP/MD
 Sample : N5531-15
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-27

Quant Time: Nov 10 22:18:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

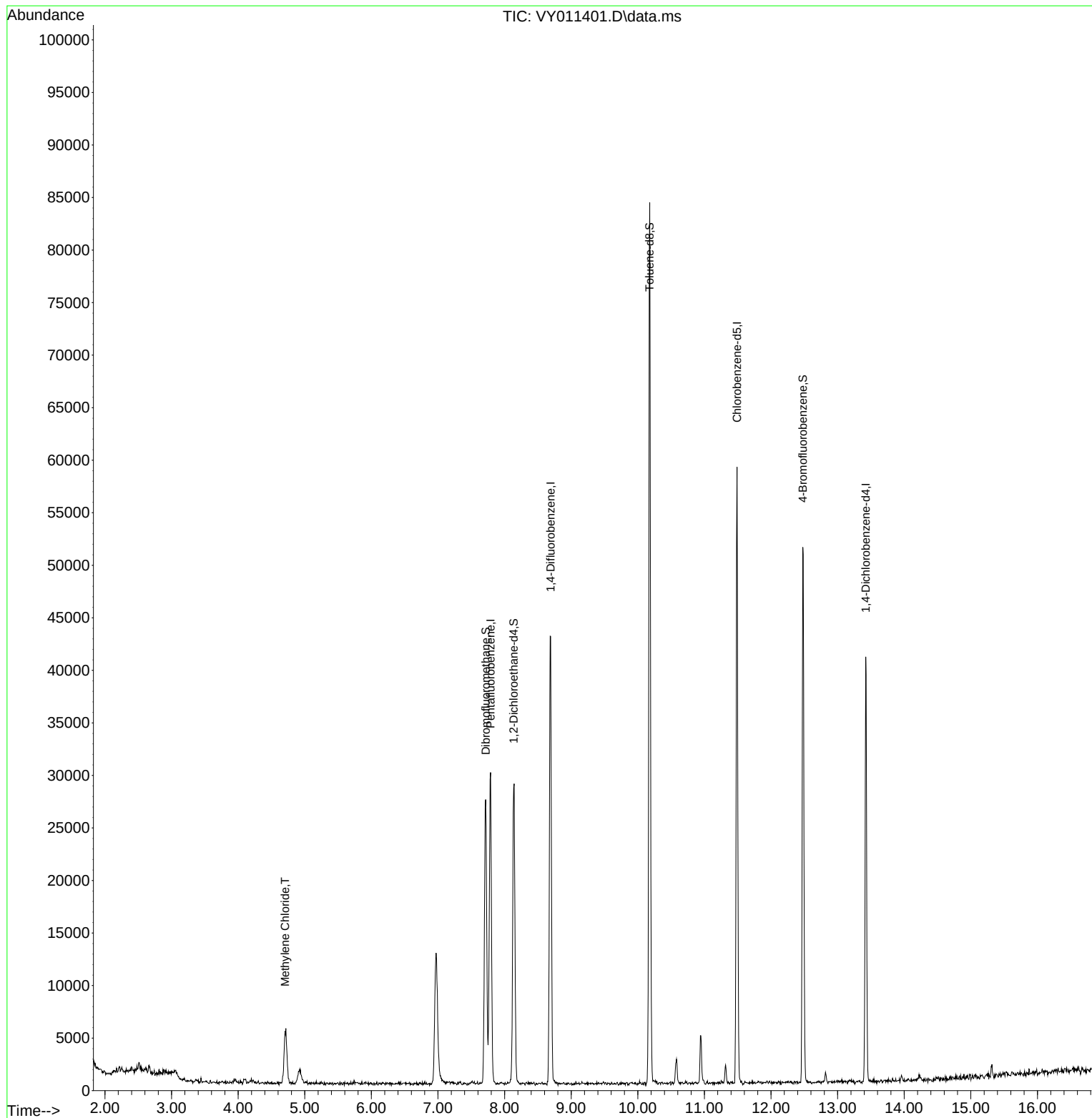
Internal Standards						
1) Pentafluorobenzene	7.789	168	24163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	40349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23433	115.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 231.460%#	
35) Dibromofluoromethane	7.716	113	19900	88.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 176.000%#	
50) Toluene-d8	10.179	98	58960	68.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.500%	
62) 4-Bromofluorobenzene	12.477	95	16113	53.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.960%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	4487	9.360	ug/l #	72

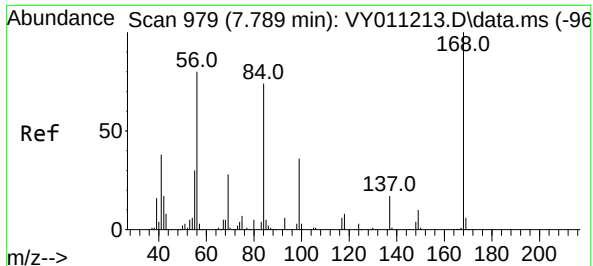
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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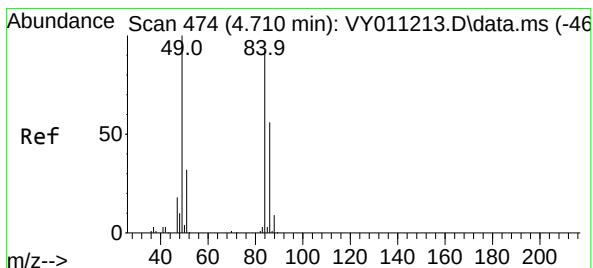
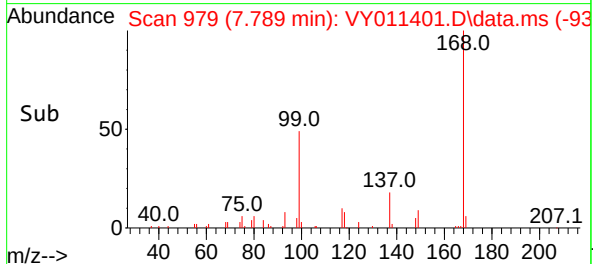
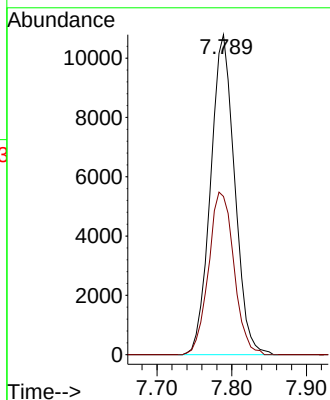
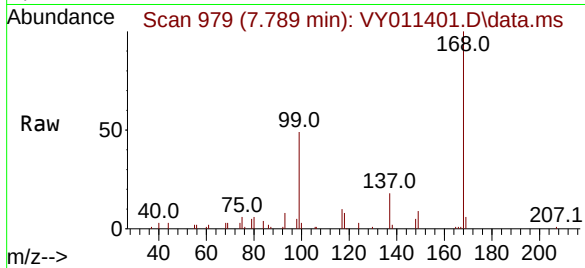




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

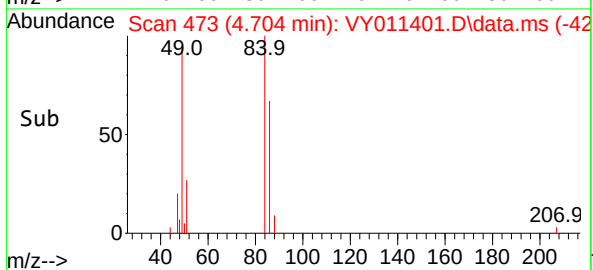
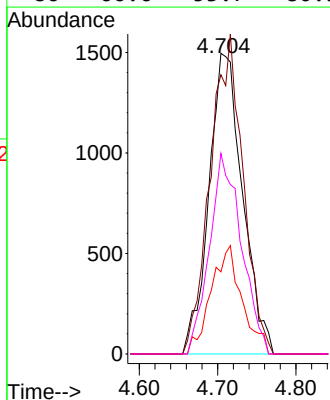
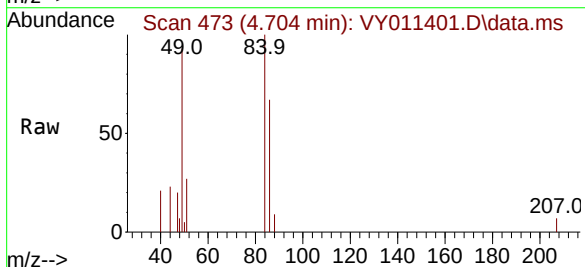
Instrument :
MSVOA_Y
ClientSampleId :
SB-27

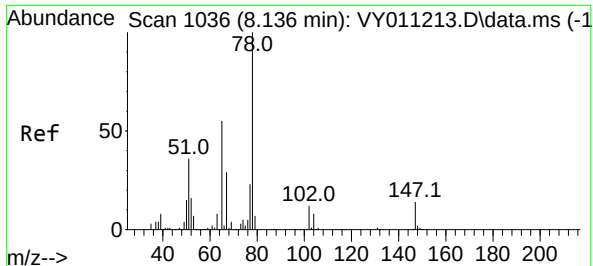
Tgt Ion:168 Resp: 24163
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#20
Methylene Chloride
Concen: 9.360 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

Tgt Ion: 84 Resp: 4487
Ion Ratio Lower Upper
84 100
49 92.8 114.4 171.6#
51 27.3 35.3 52.9#
86 66.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 115.731 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY011401.D

Acq: 10 Nov 2022 19:17

Instrument :

MSVOA_Y

ClientSampleId :

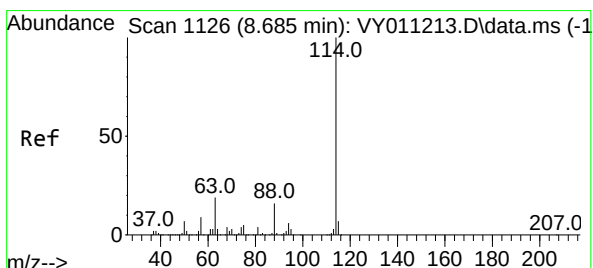
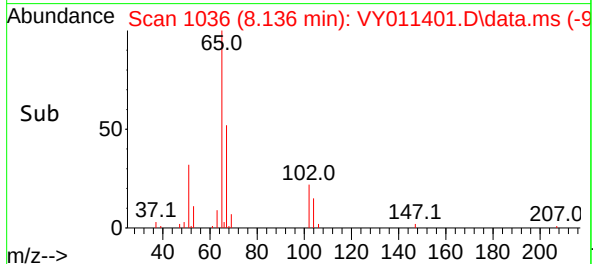
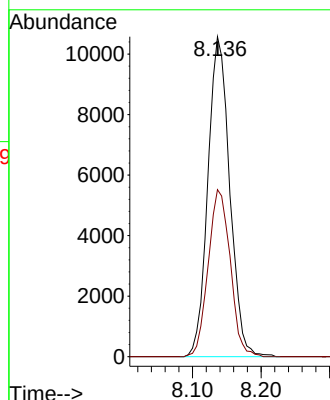
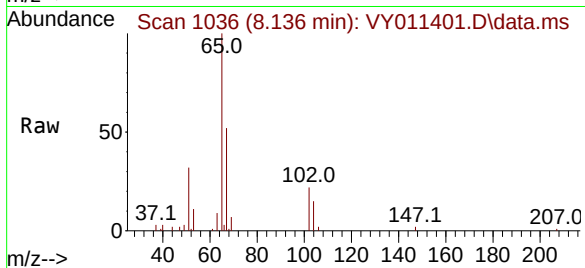
SB-27

Tgt Ion: 65 Resp: 23433

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011401.D

Acq: 10 Nov 2022 19:17

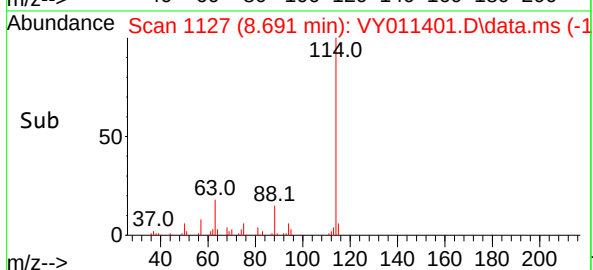
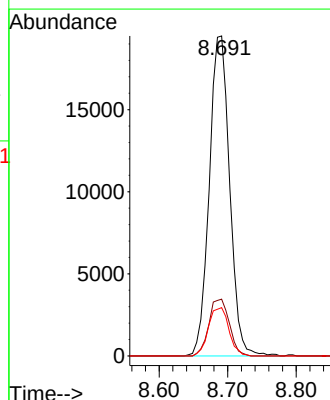
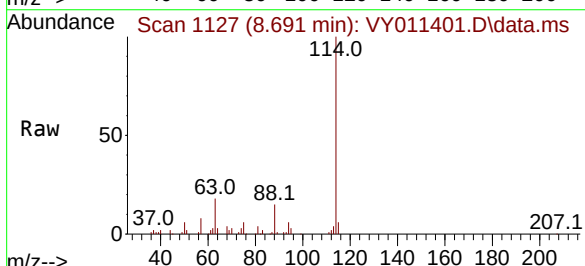
Tgt Ion: 114 Resp: 40349

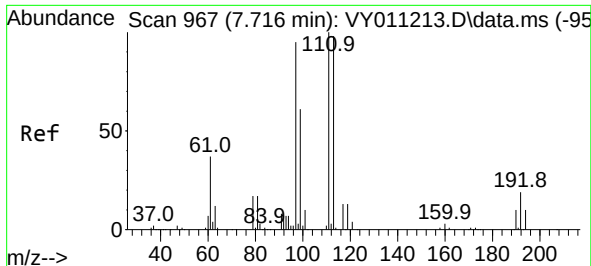
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.1 0.0 31.8

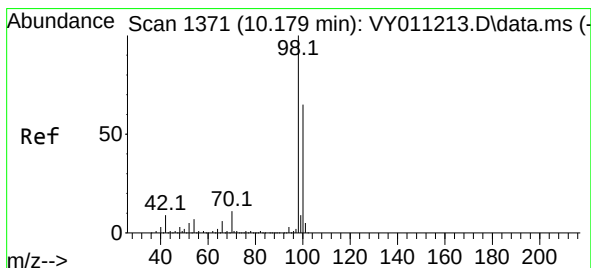
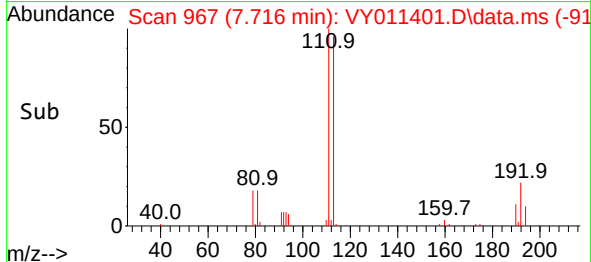
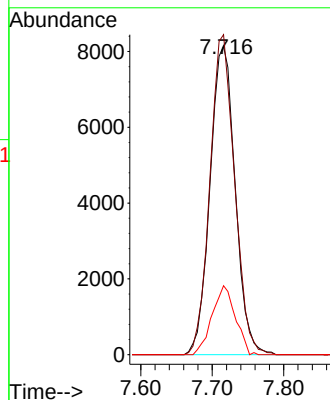
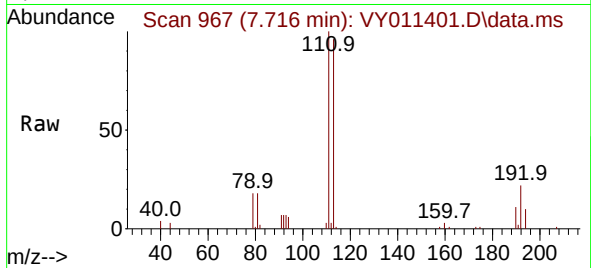




#35
Dibromofluoromethane
Concen: 88.004 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

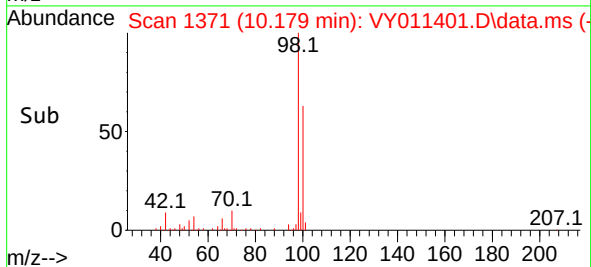
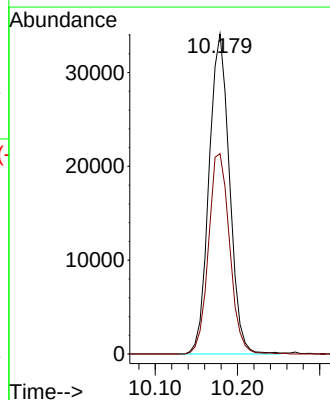
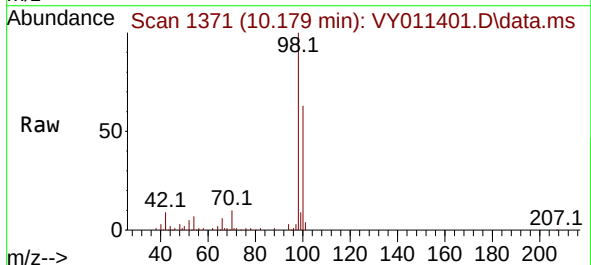
Instrument :
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SB-27

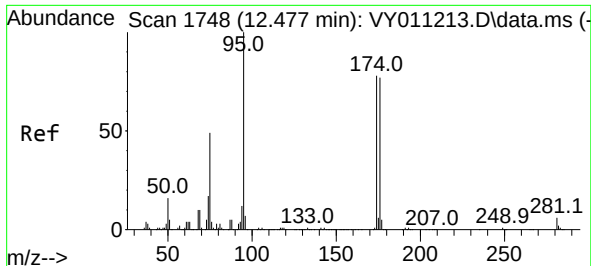
Tgt Ion:113 Resp: 19900
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 68.251 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

Tgt Ion: 98 Resp: 58960
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

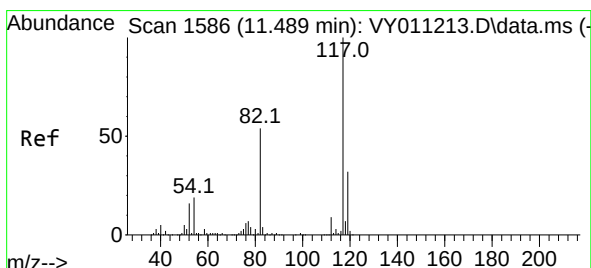
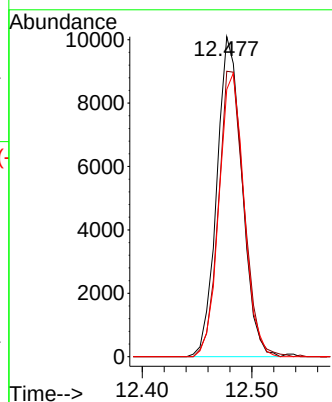
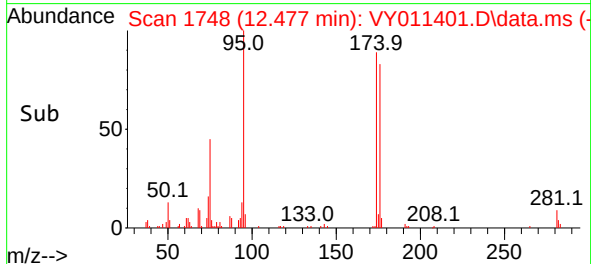
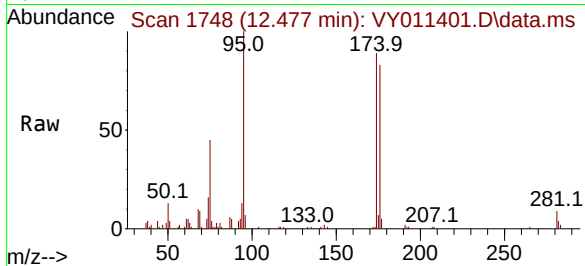




#62
4-Bromofluorobenzene
Concen: 53.477 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

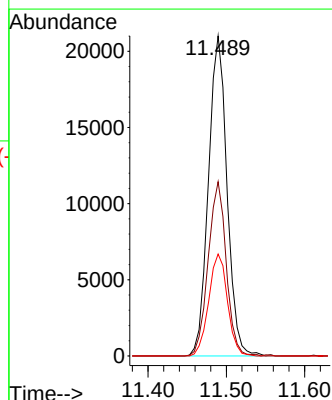
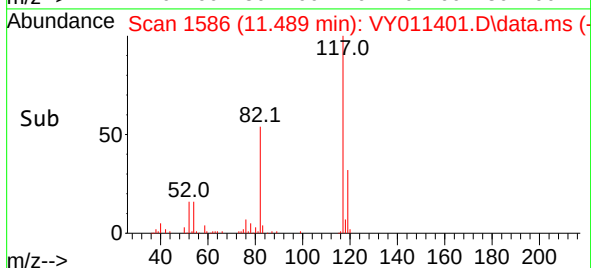
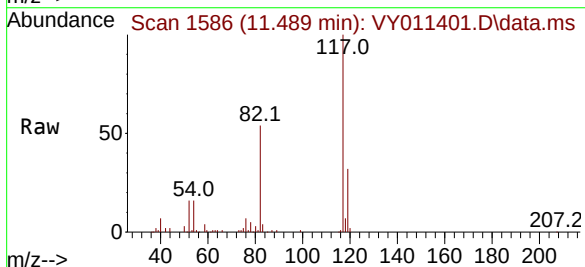
Instrument :
MSVOA_Y
ClientSampleId :
SB-27

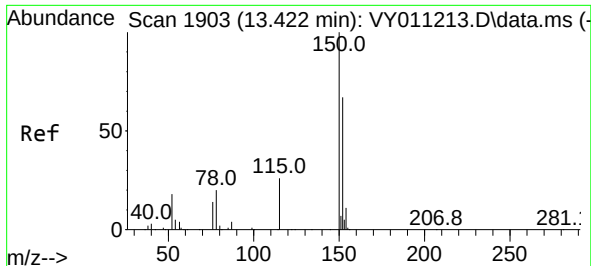
Tgt Ion: 95 Resp: 16113
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011401.D
Acq: 10 Nov 2022 19:17

Tgt Ion: 117 Resp: 34598
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011401.D

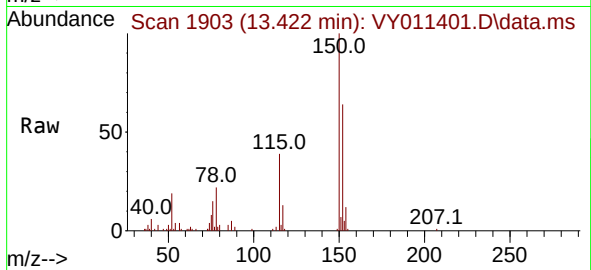
Acq: 10 Nov 2022 19:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-27



Tgt Ion:152 Resp: 11533

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 160.5 0.0 347.6

