

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011332.D
 Acq On : 07 Nov 2022 13:41
 Operator : KP/MD
 Sample : N5495-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32A

Quant Time: Nov 08 03:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

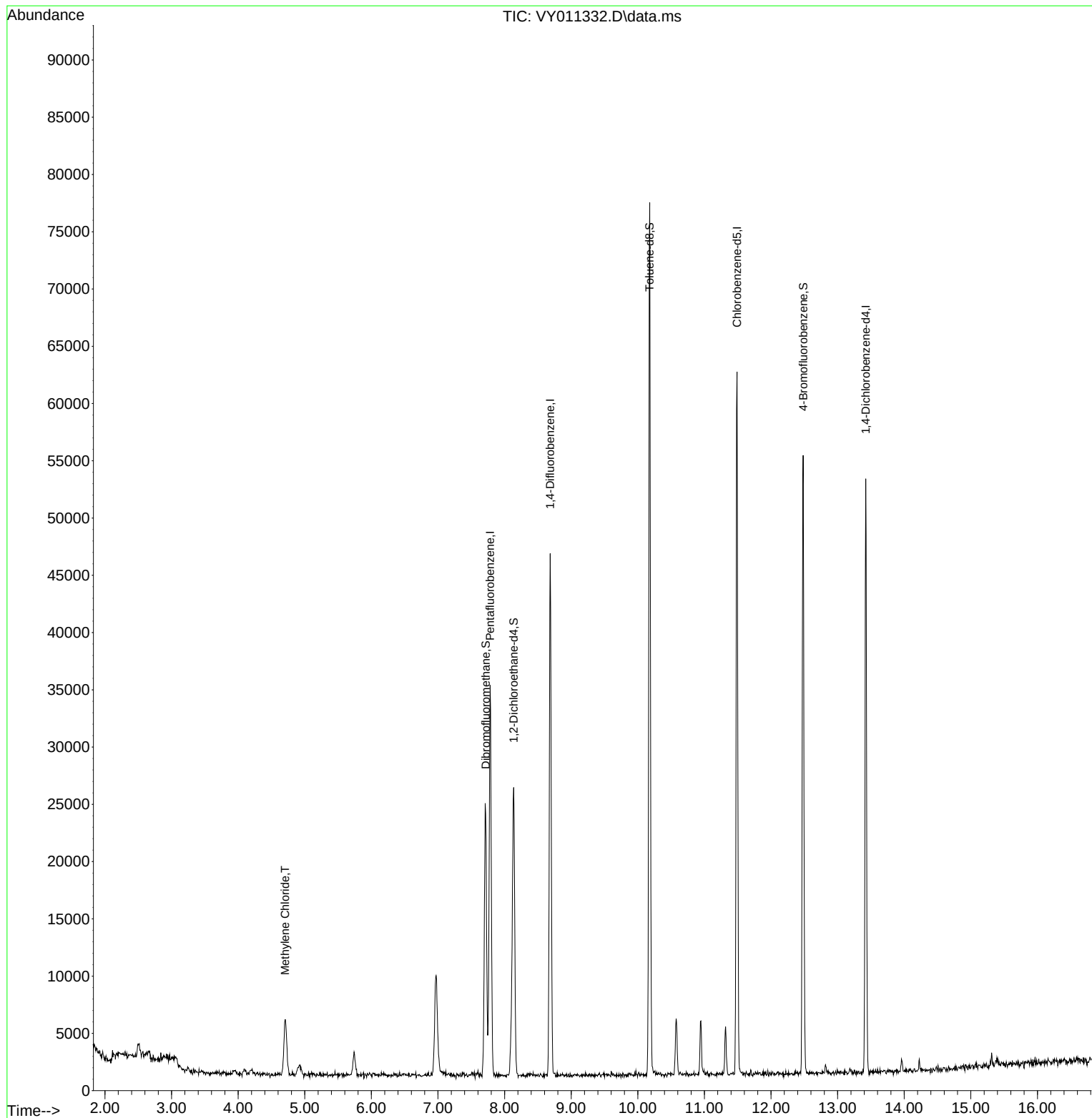
Internal Standards						
1) Pentafluorobenzene	7.783	168	26568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17731	62.401	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.800%	
35) Dibromofluoromethane	7.716	113	17396	64.864	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	129.720%	
50) Toluene-d8	10.179	98	52455	50.376	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.760%	
62) 4-Bromofluorobenzene	12.483	95	15842	43.824	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	87.640%	
Target Compounds						
20) Methylene Chloride	4.704	84	4158	7.588	ug/l	Qvalue # 76

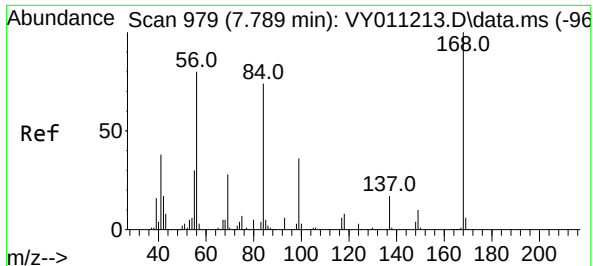
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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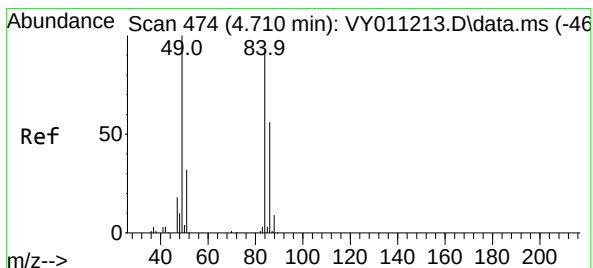
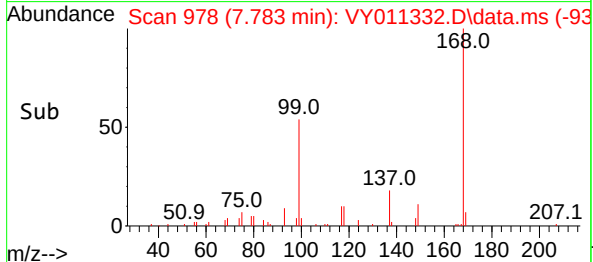
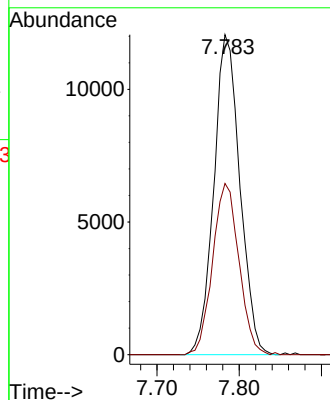
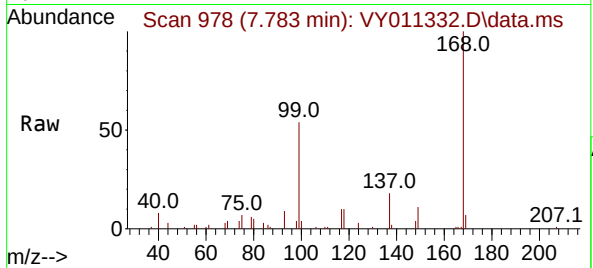




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

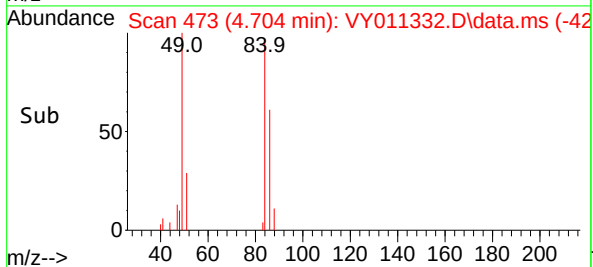
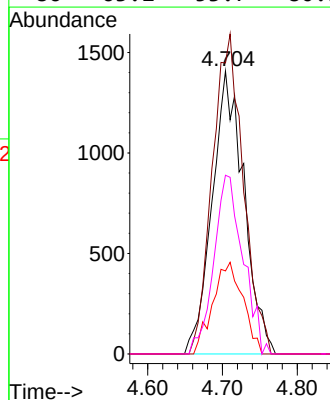
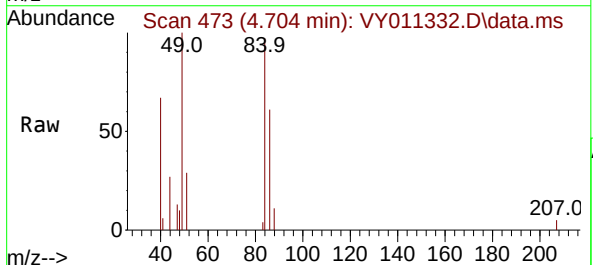
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

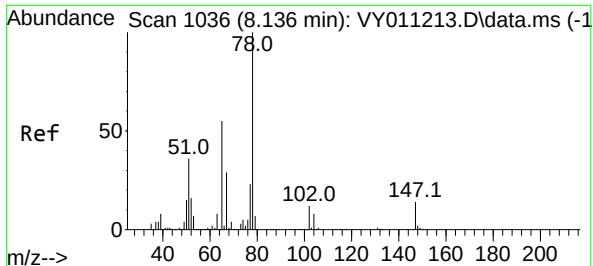
Tgt Ion:168 Resp: 26568
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#20
Methylene Chloride
Concen: 7.588 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 84 Resp: 4158
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 29.4 35.3 52.9#
86 63.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.401 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY011332.D

Acq: 07 Nov 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

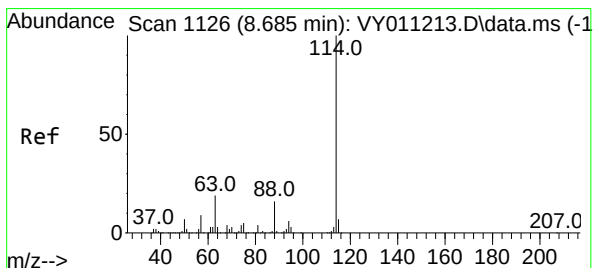
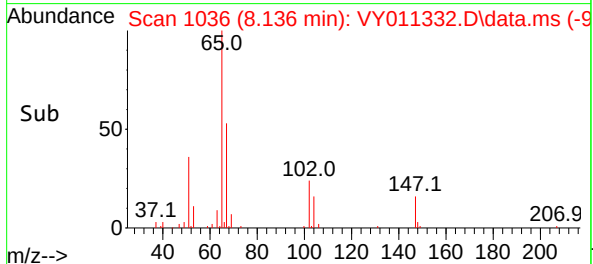
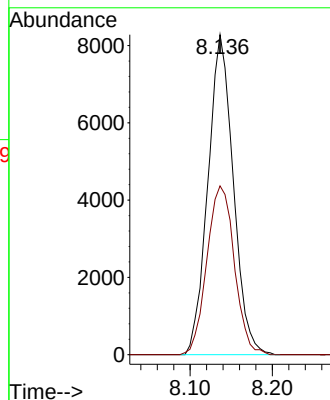
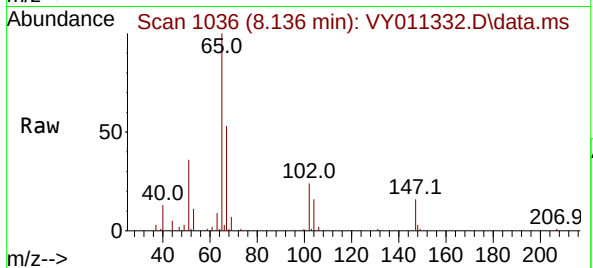
SB-32A

Tgt Ion: 65 Resp: 17731

Ion Ratio Lower Upper

65 100

67 57.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011332.D

Acq: 07 Nov 2022 13:41

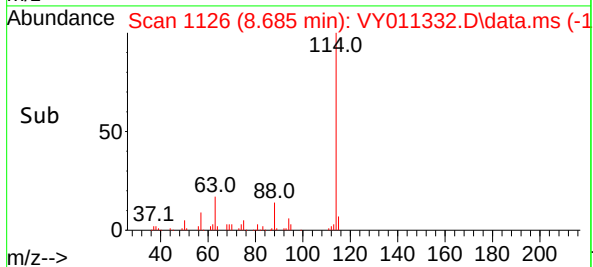
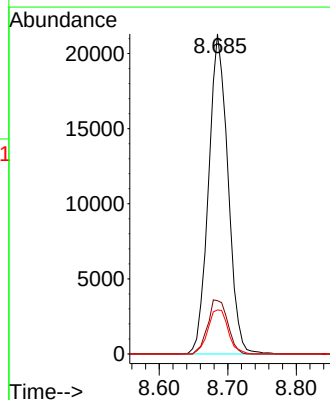
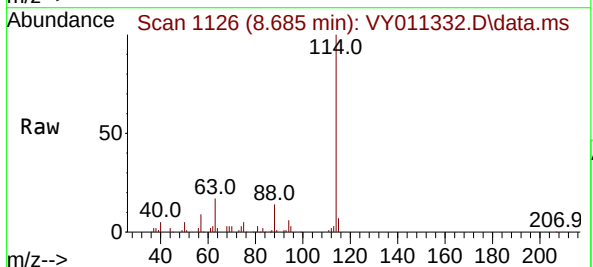
Tgt Ion:114 Resp: 41742

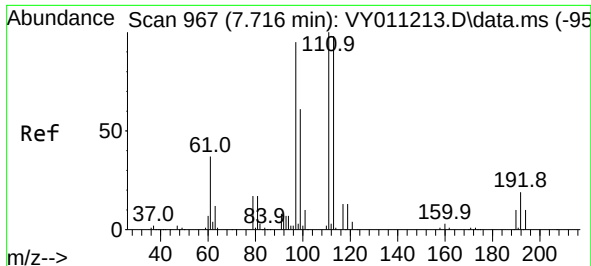
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.7 0.0 31.8

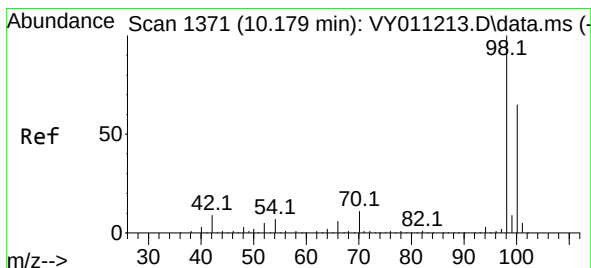
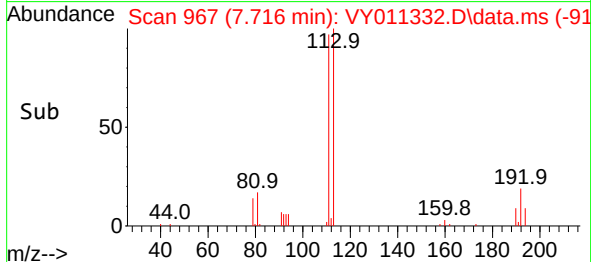
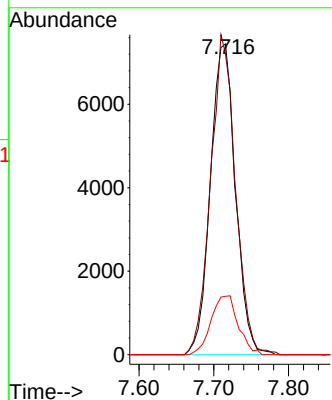
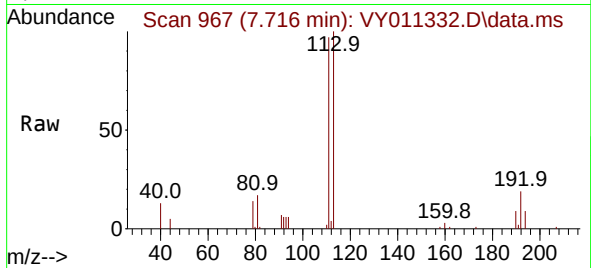




#35
Dibromofluoromethane
Concen: 64.864 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

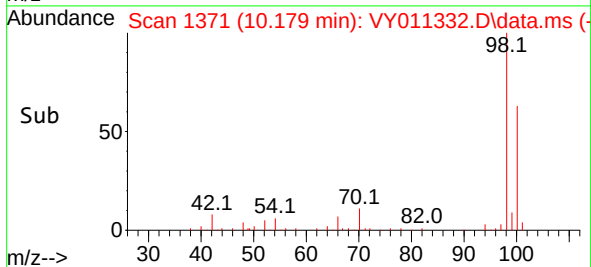
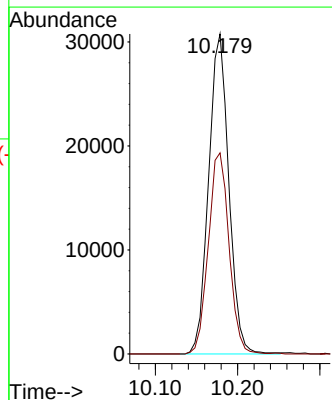
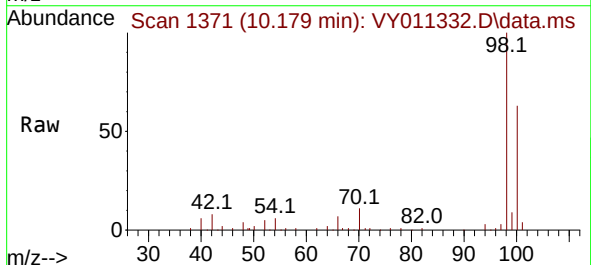
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

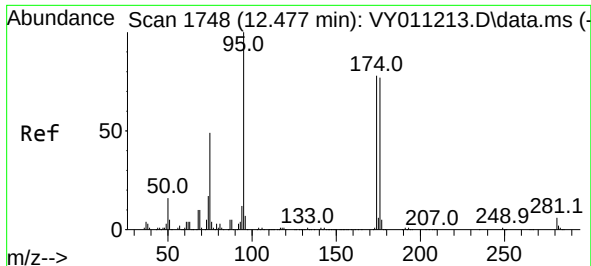
Tgt Ion:113 Resp: 17396
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 98 Resp: 52455
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

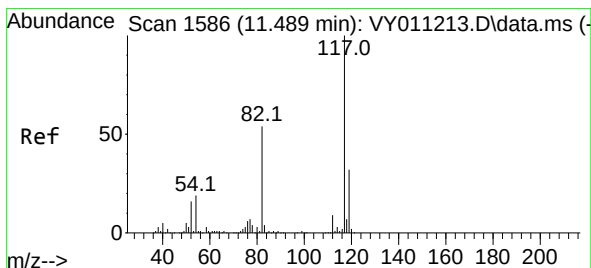
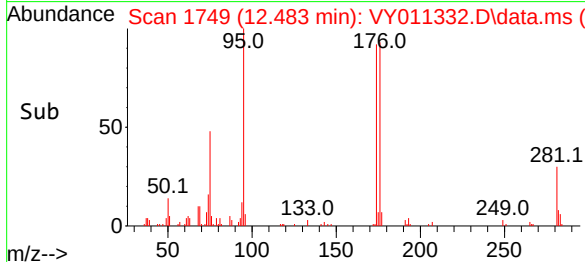
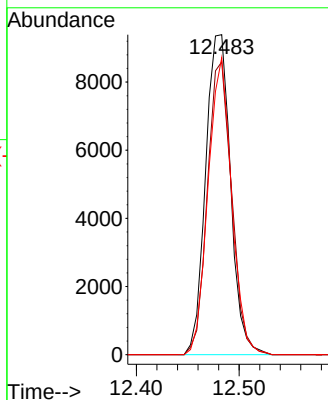
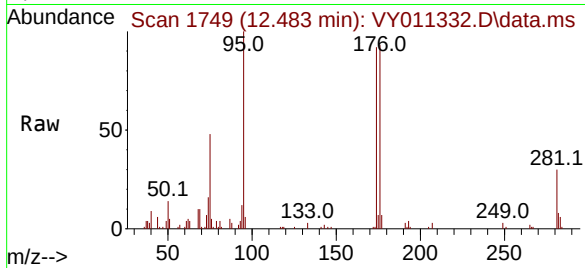




#62
4-Bromofluorobenzene
Concen: 43.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

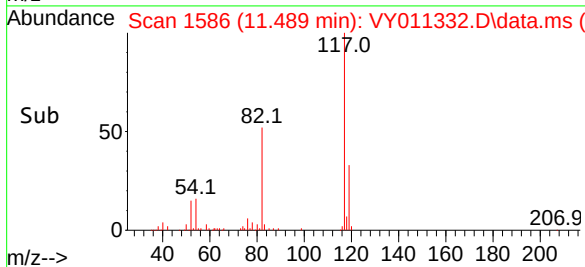
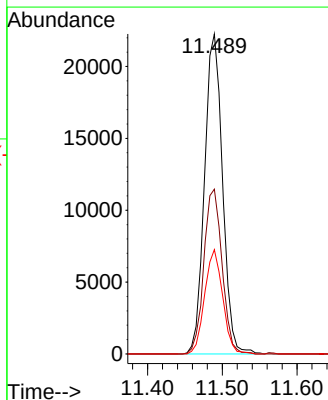
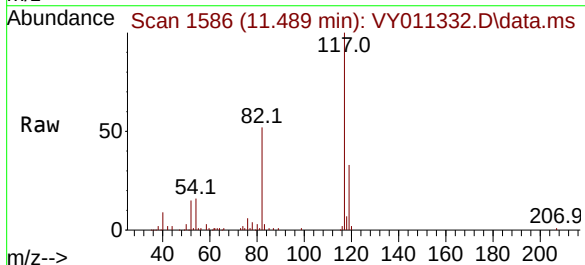
Instrument :
MSVOA_Y
ClientSampleId :
SB-32A

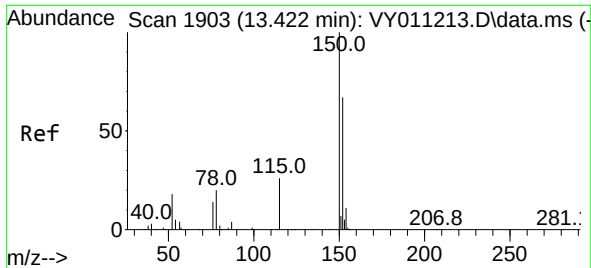
Tgt Ion: 95 Resp: 15842
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011332.D
Acq: 07 Nov 2022 13:41

Tgt Ion: 117 Resp: 37322
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.6 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: VY011332.D
 Acq: 07 Nov 2022 13:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32A

Tgt Ion:152 Resp: 14684

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.7
150	154.0	0.0	347.6

