

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017671.D
 Acq On : 15 Mar 2024 14:36
 Operator : SY/MD
 Sample : P1746-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Mar 16 00:16:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1135	57.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.716	113	617	29.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.600%
50) Toluene-d8	10.178	98	3508	47.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.489	95	504	21.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.560%

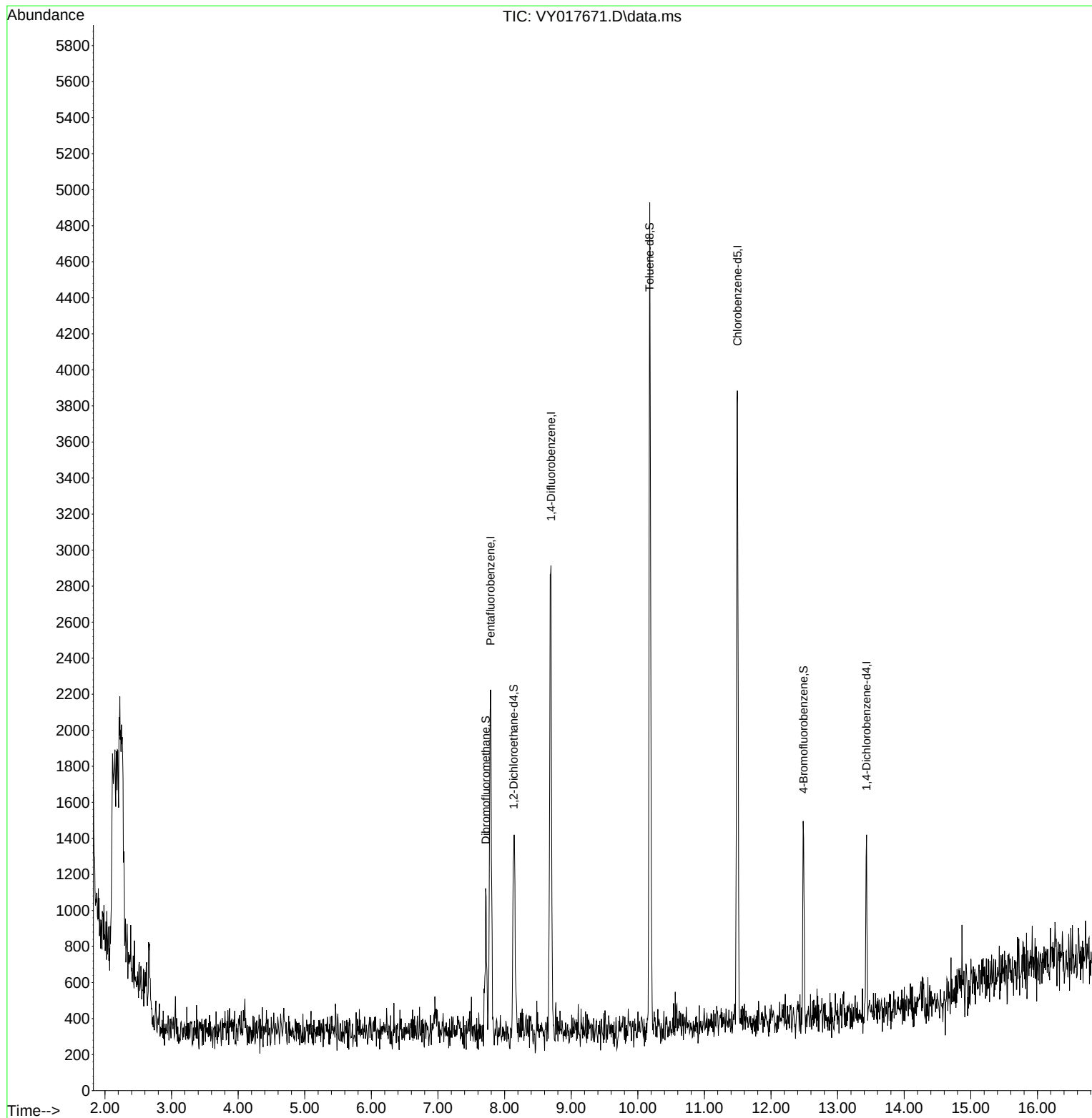
Target Compounds	Qvalue

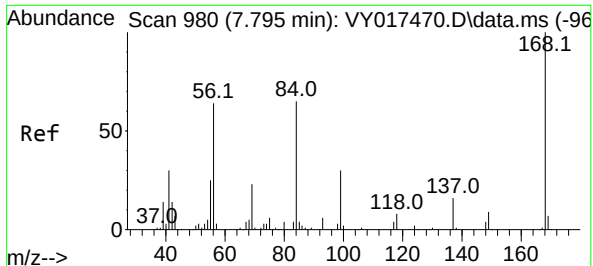
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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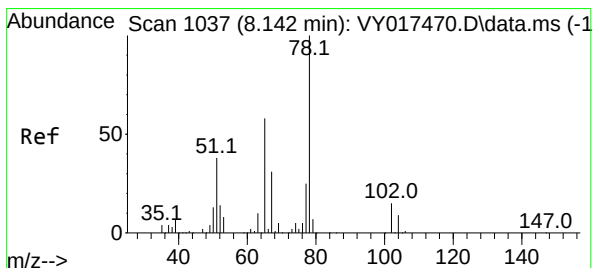
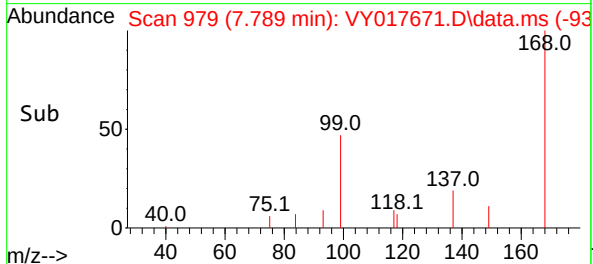
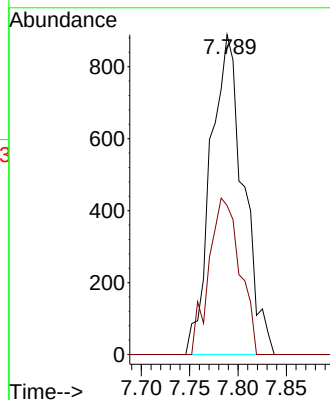
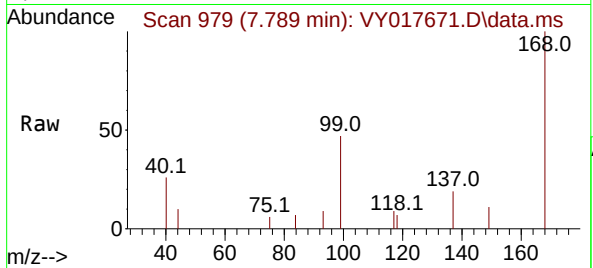




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

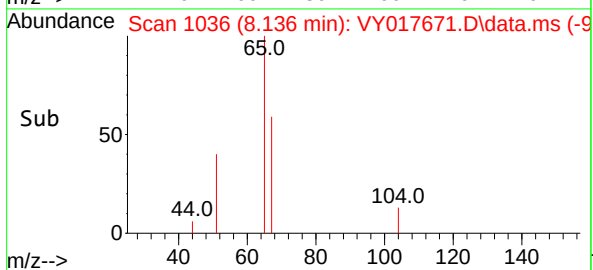
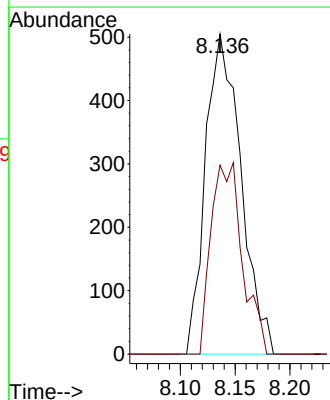
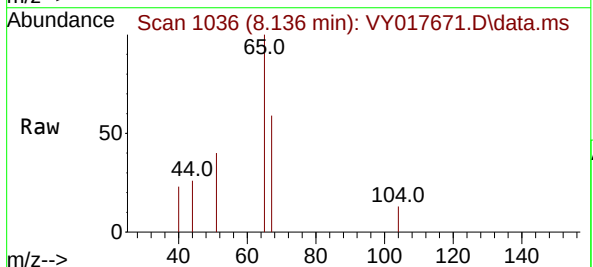
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

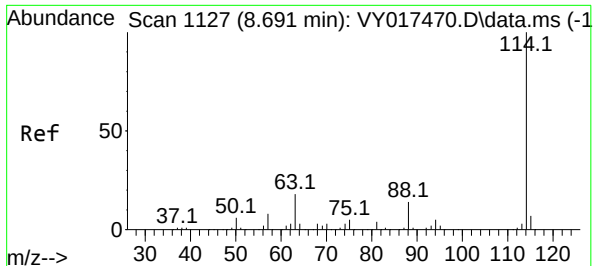
Tgt Ion:168 Resp: 2092
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.247 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 65 Resp: 1135
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017671.D

Acq: 15 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0

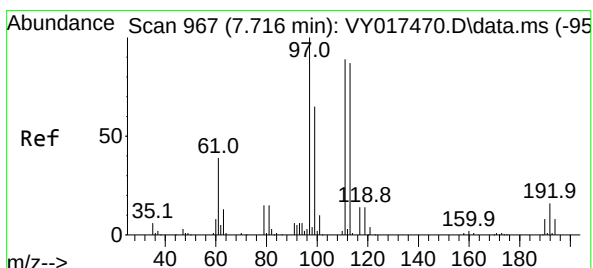
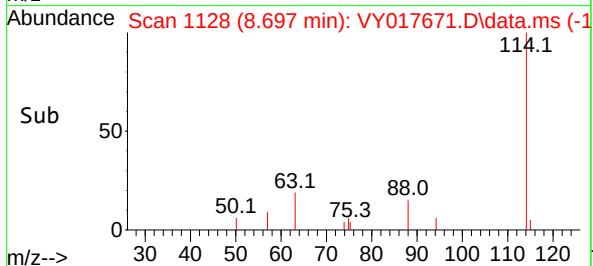
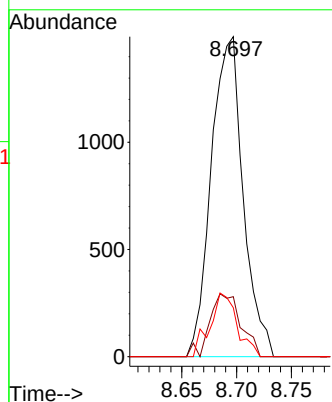
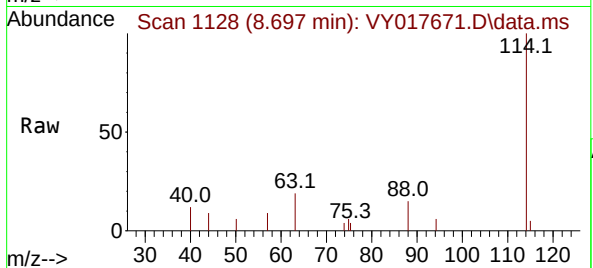
Tgt Ion:114 Resp: 3022

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 29.300 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY017671.D

Acq: 15 Mar 2024 14:36

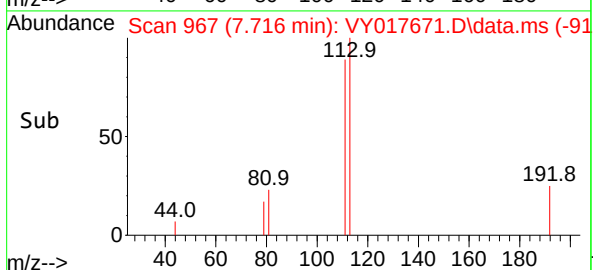
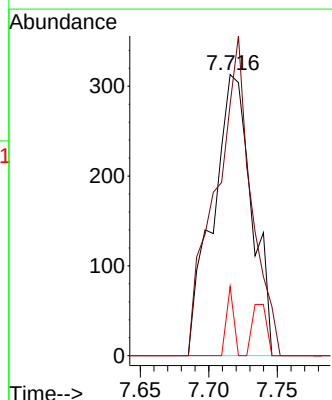
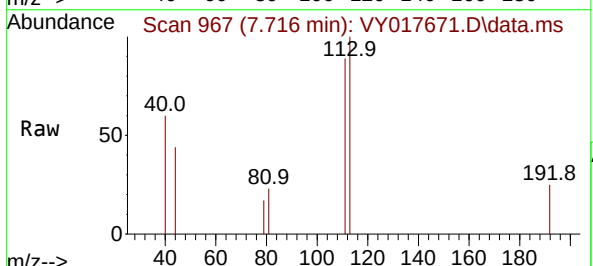
Tgt Ion:113 Resp: 617

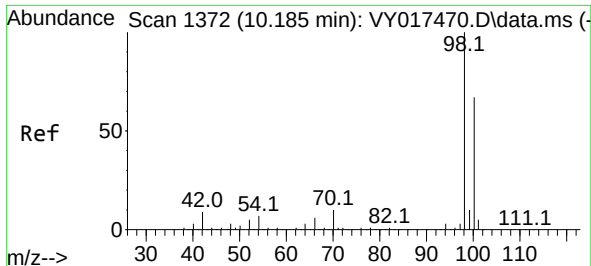
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 4.5 15.9 23.9#

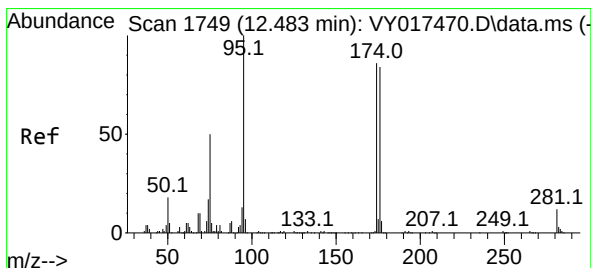
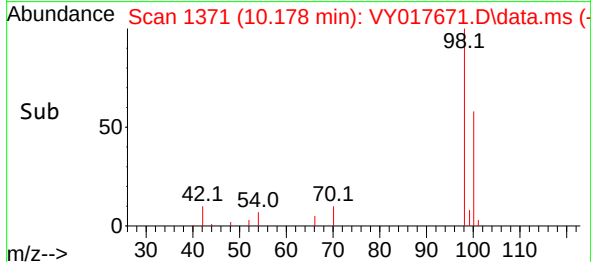
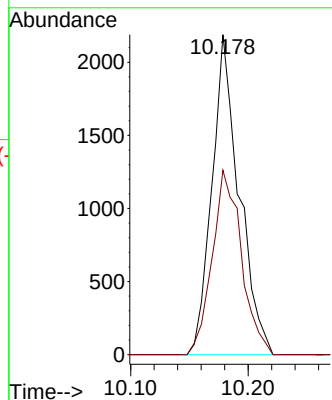
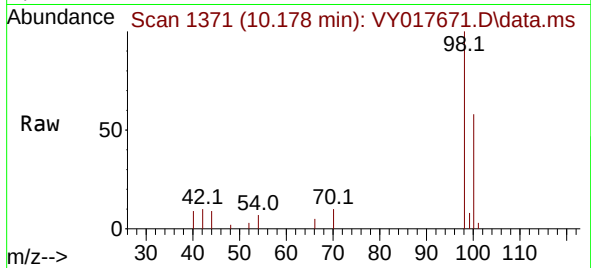




#50
Toluene-d8
Concen: 47.645 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

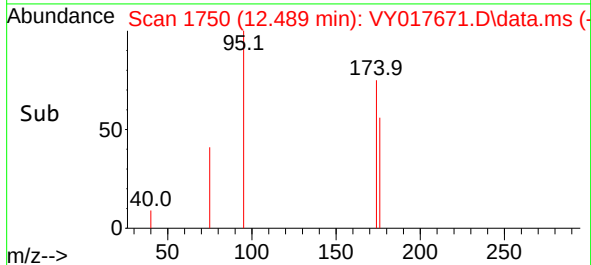
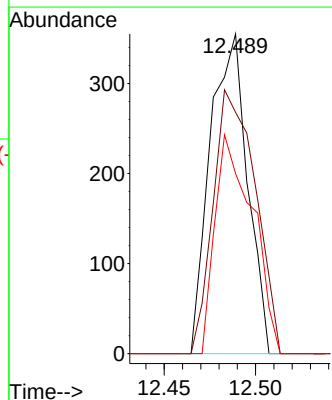
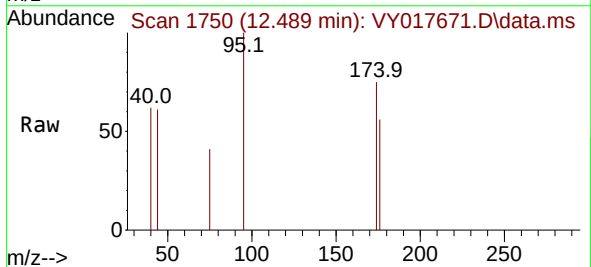
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

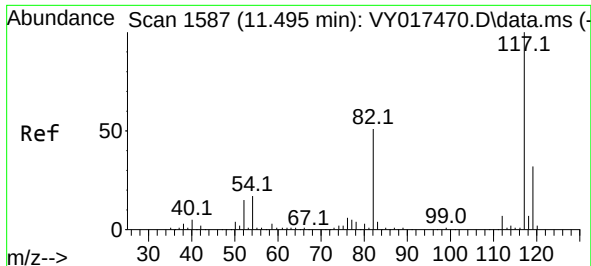
Tgt Ion: 98 Resp: 3508
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 21.781 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 95 Resp: 504
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 68.8 0.0 171.4

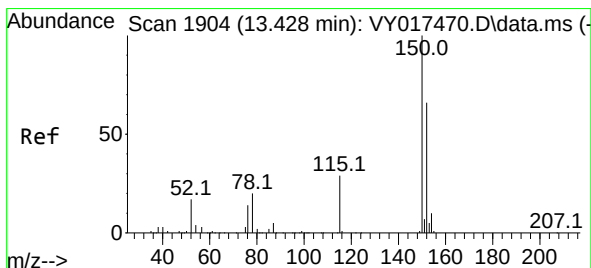
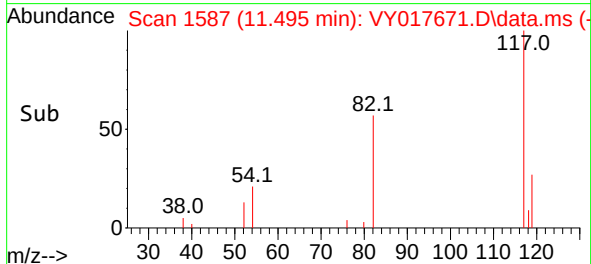
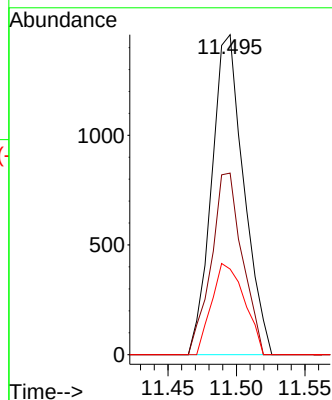
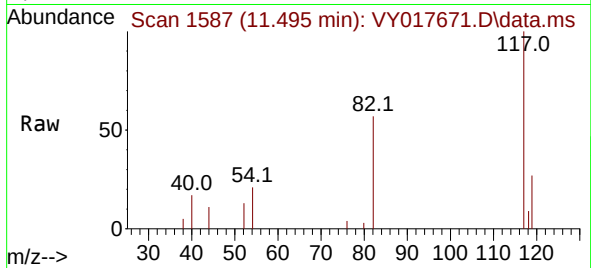




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

Tgt Ion:	117	Resp:	2379
Ion	Ratio	Lower	Upper
117	100		
82	56.8	42.4	63.6
119	26.7	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion:	152	Resp:	293
Ion	Ratio	Lower	Upper
152	100		
115	76.8	28.2	84.7
150	167.9	0.0	345.6

