

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017681.D
 Acq On : 15 Mar 2024 18:32
 Operator : SY/MD
 Sample : P1744-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3488

Quant Time: Mar 16 00:20:12 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)

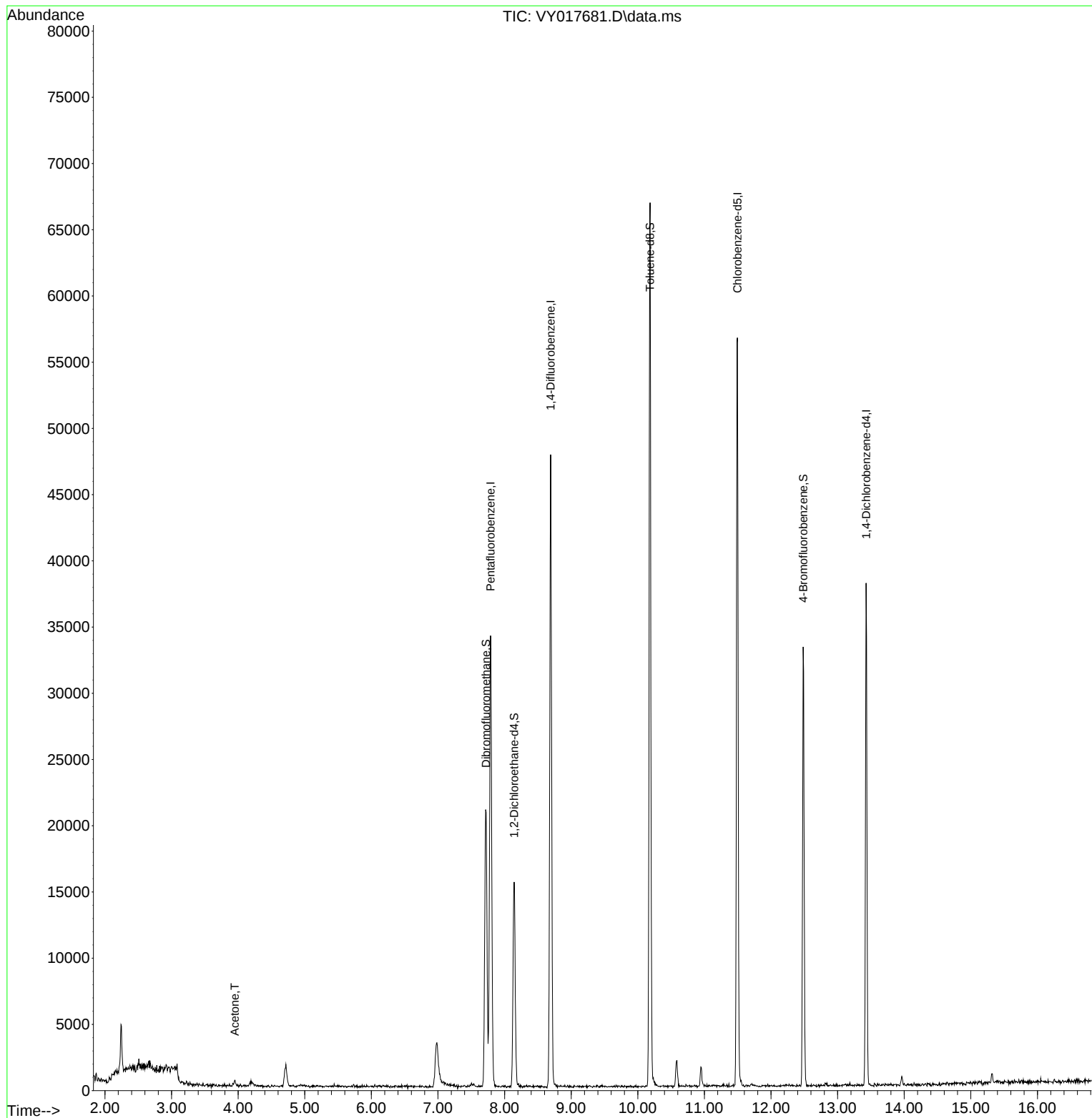
Internal Standards						
1) Pentafluorobenzene	7.789	168	28820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	35998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12203	44.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.722	113	15725	51.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.660%
50) Toluene-d8	10.185	98	48023	44.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.483	95	10444	31.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.040%
Target Compounds						Qvalue
16) Acetone	3.948	43	647	12.213	ug/l	# 76

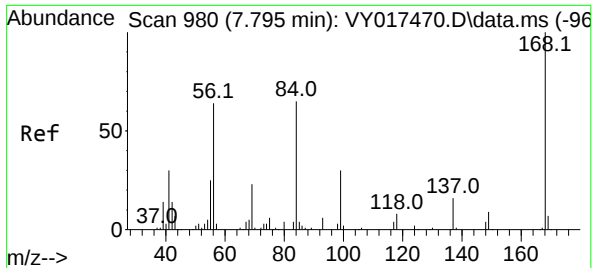
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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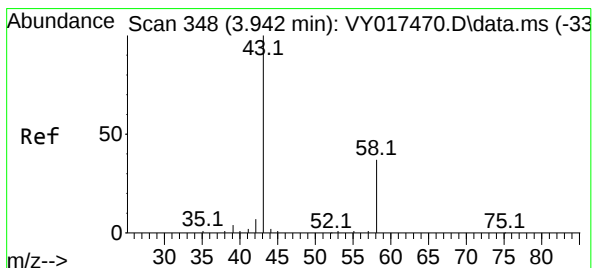
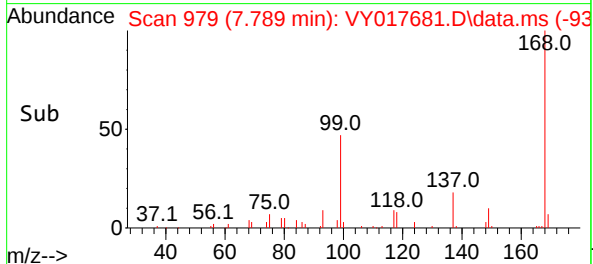
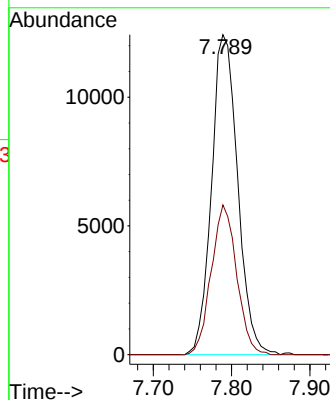
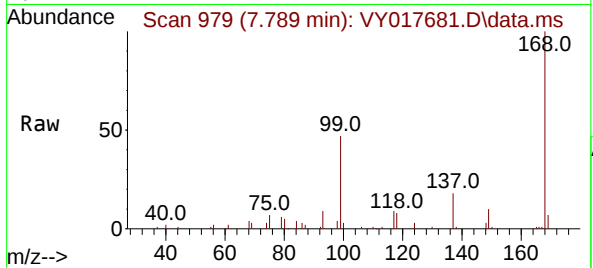




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

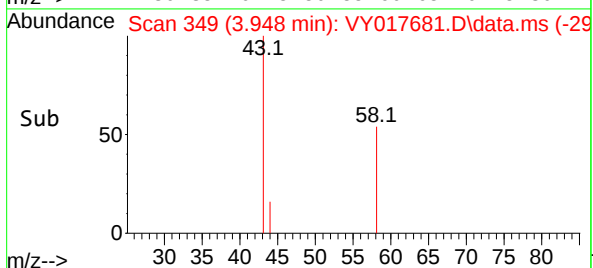
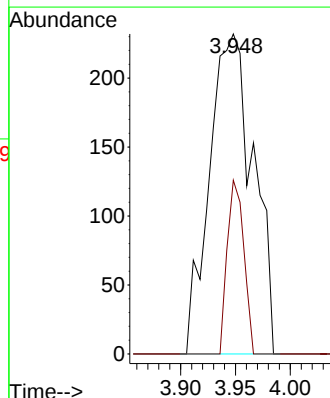
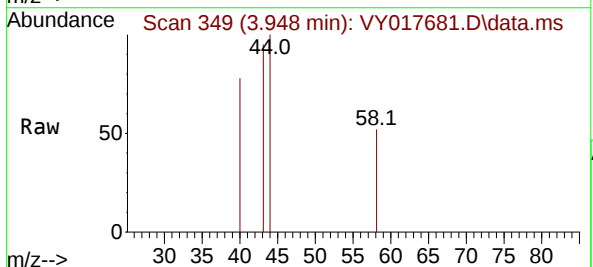
Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

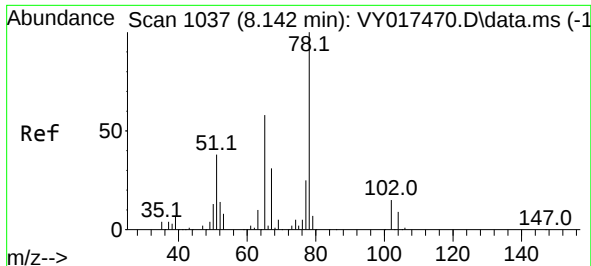
Tgt Ion:168 Resp: 28820
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 12.213 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 54.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 44.677 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

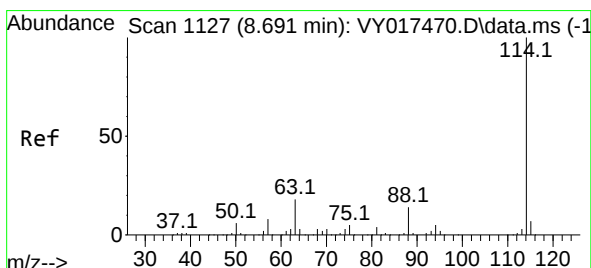
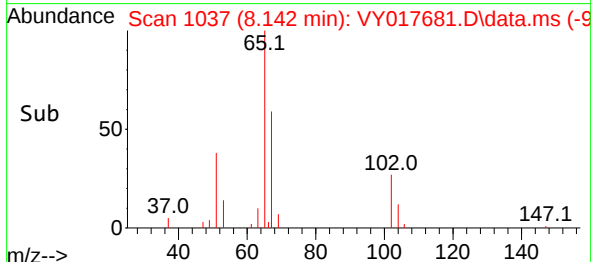
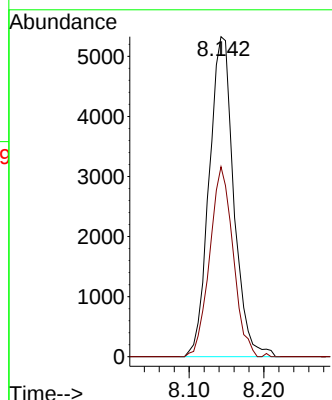
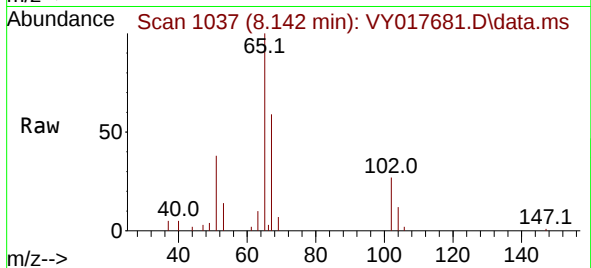
RT-3488

Tgt Ion: 65 Resp: 12203

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

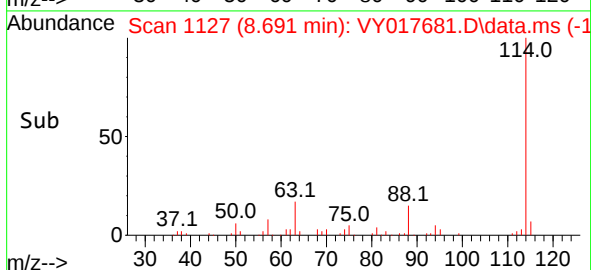
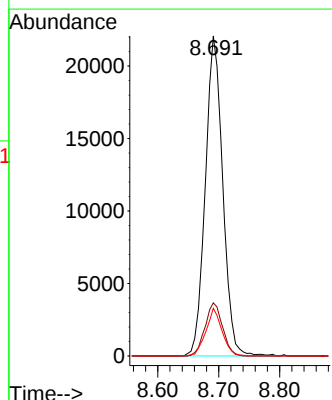
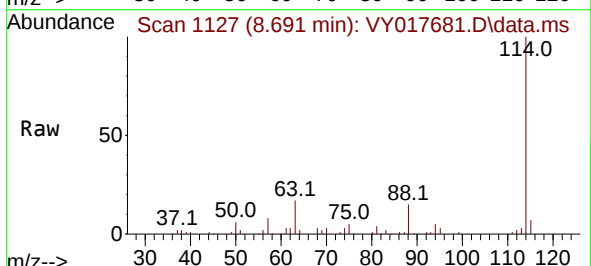
Tgt Ion: 114 Resp: 43965

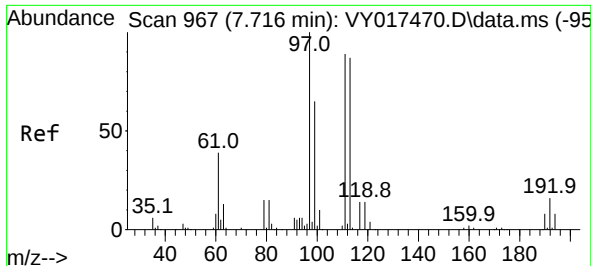
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.9 0.0 27.2

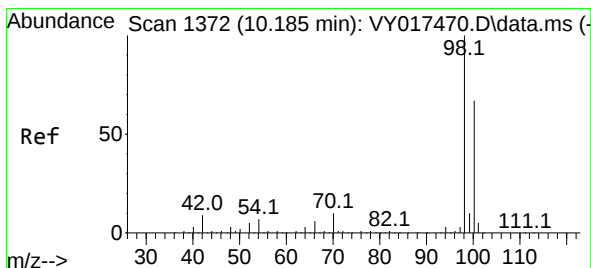
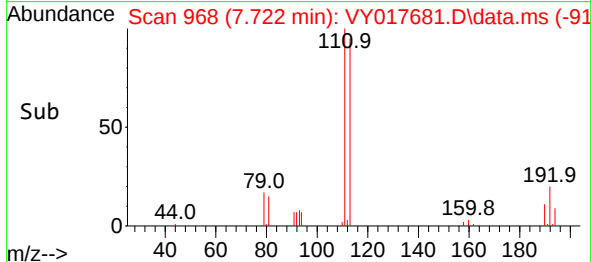
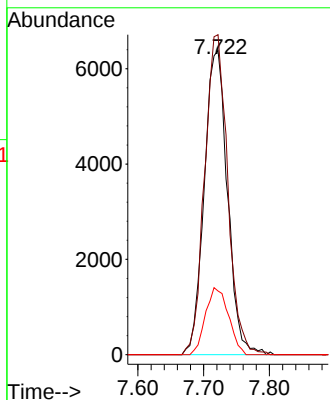
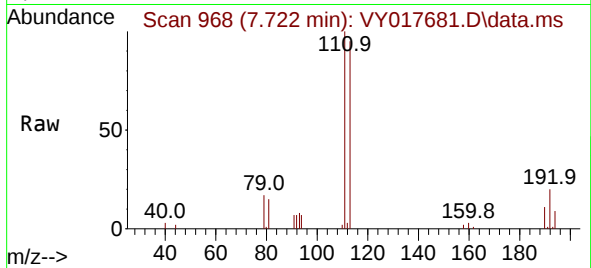




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

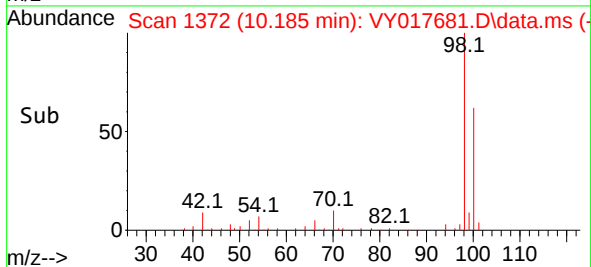
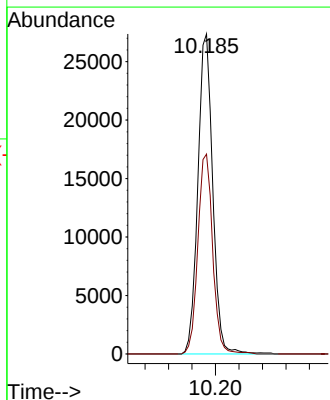
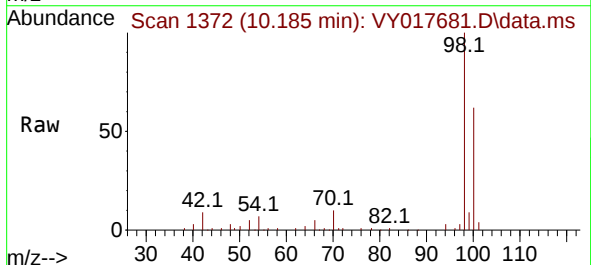
Instrument :
MSVOA_Y
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RT-3488

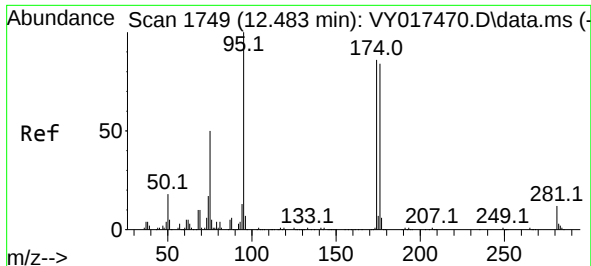
Tgt Ion:113 Resp: 15725
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 21.8 15.9 23.9



#50
Toluene-d8
Concen: 44.833 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 98 Resp: 48023
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

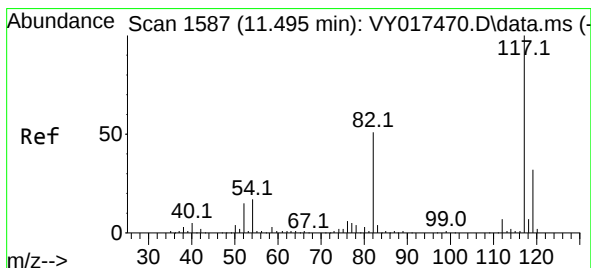
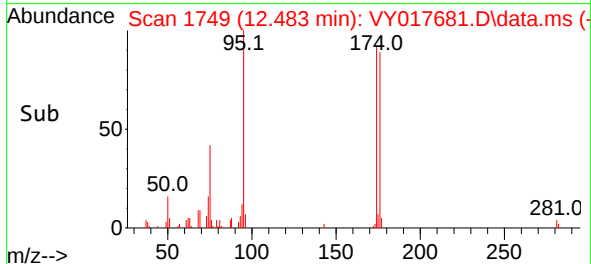
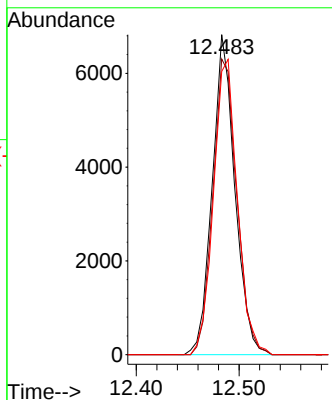
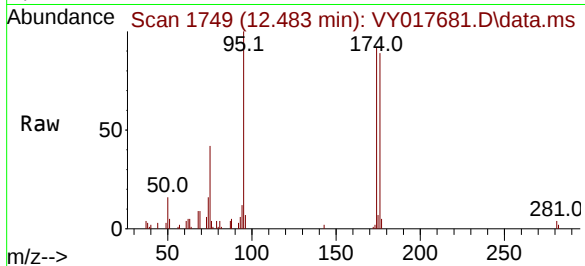




#62
4-Bromofluorobenzene
Concen: 31.025 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

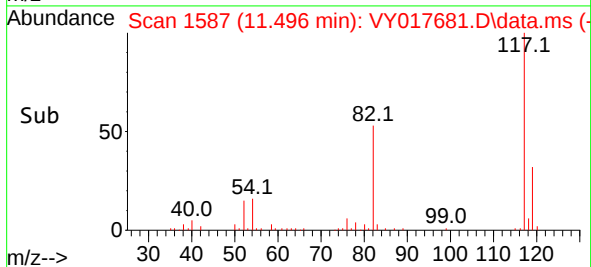
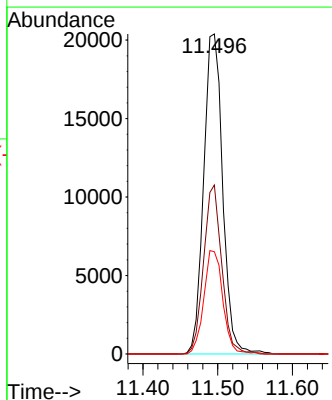
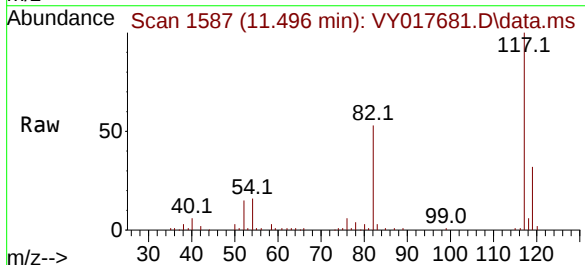
Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

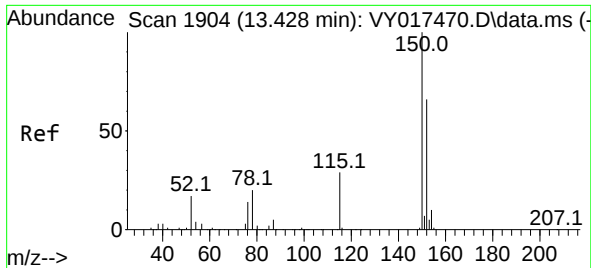
Tgt Ion:	95	Resp:	10444
Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	175.6
176	97.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

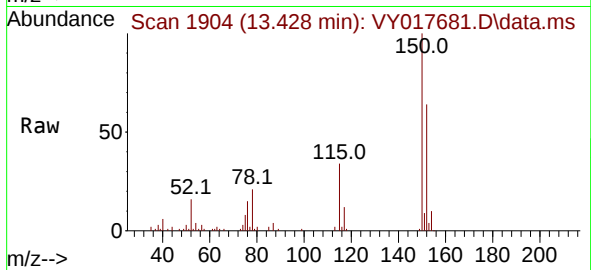
Tgt Ion:	117	Resp:	35998
Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	31.9	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017681.D
 Acq: 15 Mar 2024 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3488



Tgt Ion:	152	Resp:	10942
Ion Ratio	Lower	Upper	
152	100		
115	52.5	28.2	84.7
150	154.9	0.0	345.6

