

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021281.D
 Acq On : 21 Feb 2025 13:27
 Operator : SY/MD
 Sample : Q1383-05
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-13-021725

Quant Time: Feb 21 23:06:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

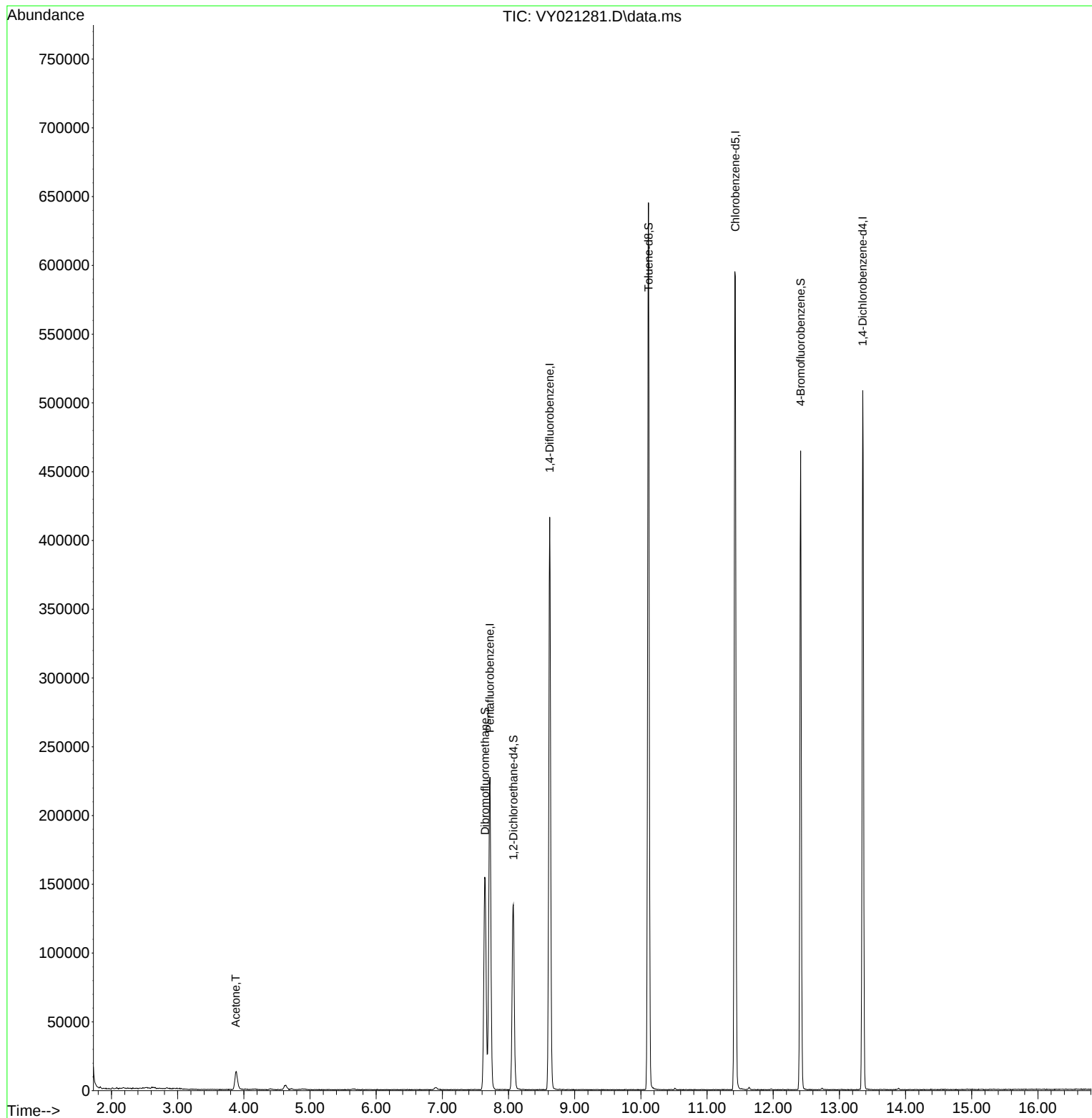
Internal Standards						
1) Pentafluorobenzene	7.719	168	169914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	312411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	110186	63.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.580%
35) Dibromofluoromethane	7.646	113	110221	51.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.115	98	409432	50.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.414	95	131965	49.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%
Target Compounds						
16) Acetone	3.879	43	24829	91.454	ug/l	Qvalue 93

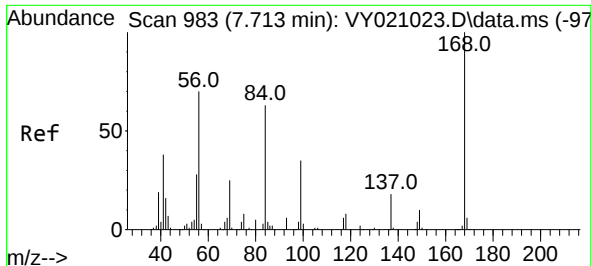
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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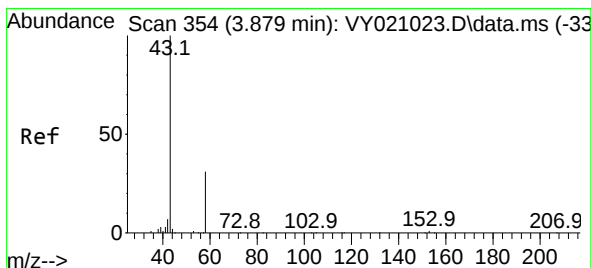
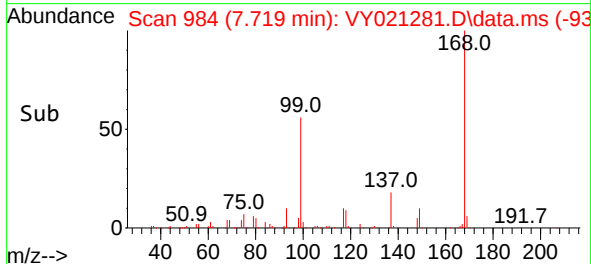
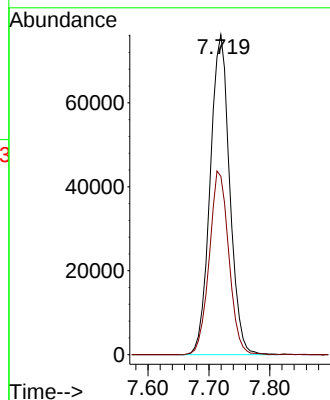
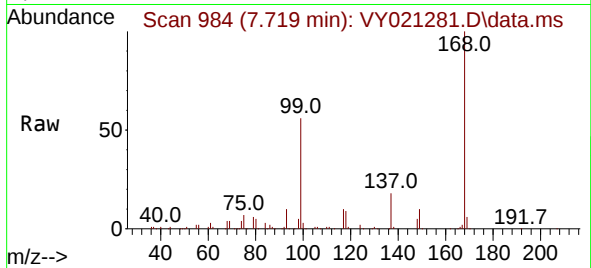




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

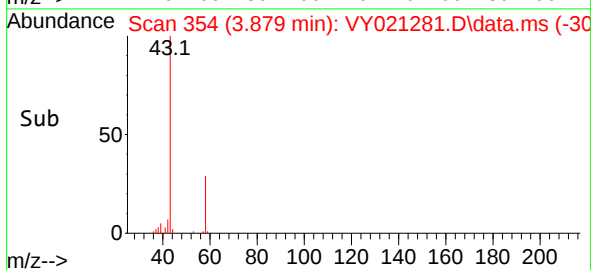
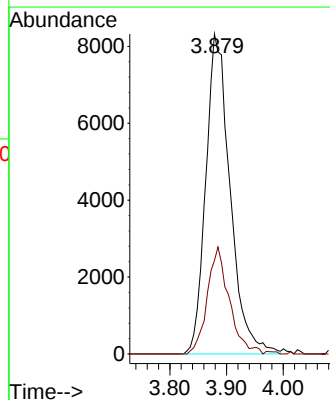
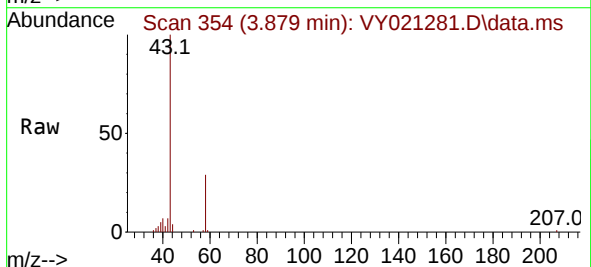
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

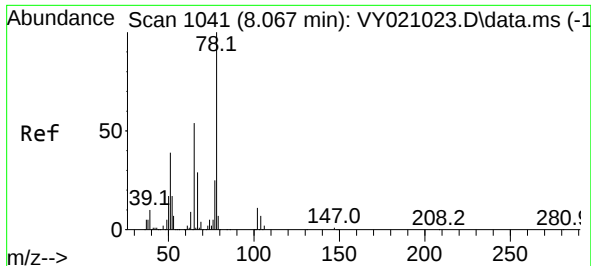
Tgt Ion:168 Resp: 169914
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 91.454 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 43 Resp: 24829
Ion Ratio Lower Upper
43 100
58 29.2 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 63.292 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021281.D

Acq: 21 Feb 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

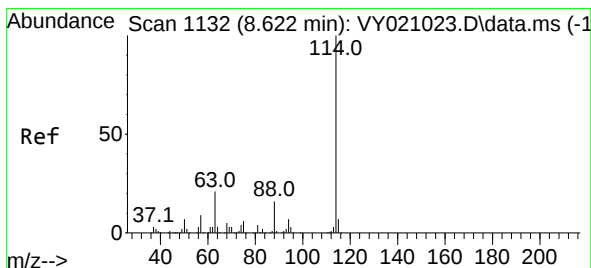
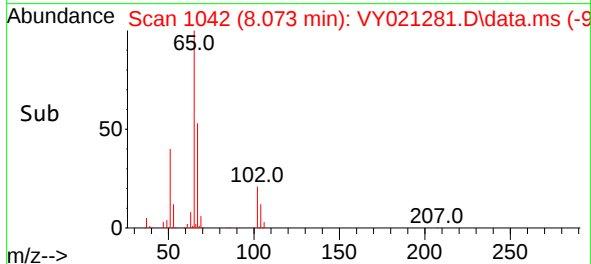
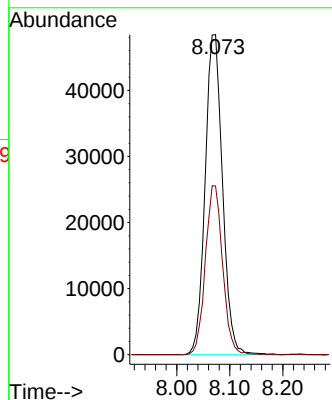
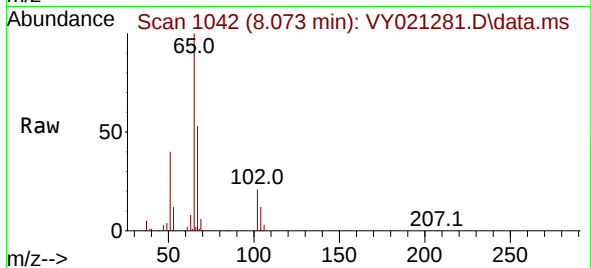
OU4-PCS-TC-13-021725

Tgt Ion: 65 Resp: 110186

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021281.D

Acq: 21 Feb 2025 13:27

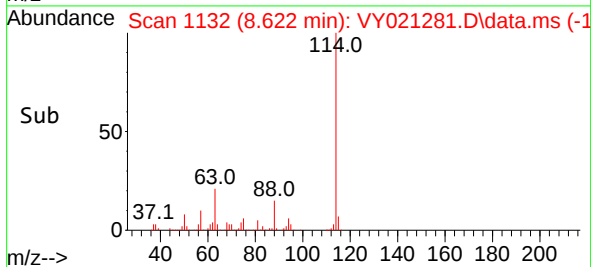
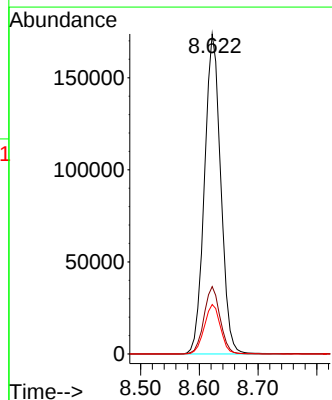
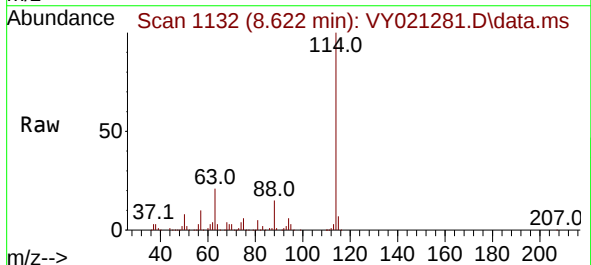
Tgt Ion: 114 Resp: 334383

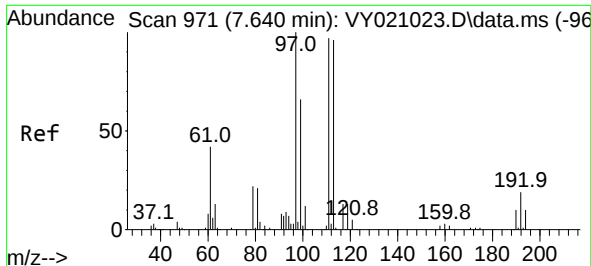
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.4 0.0 29.0

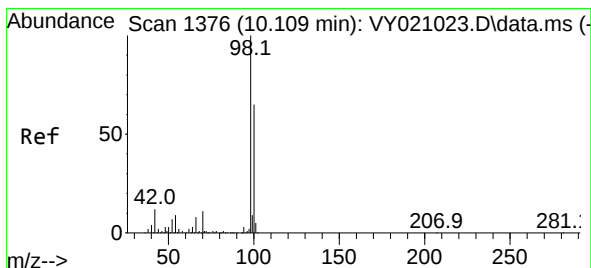
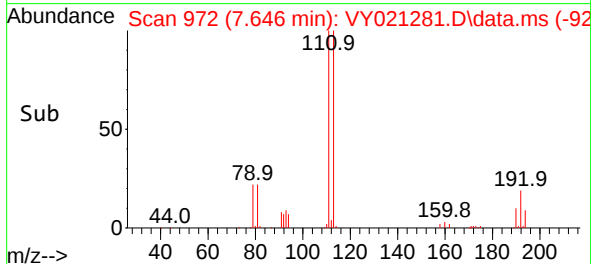
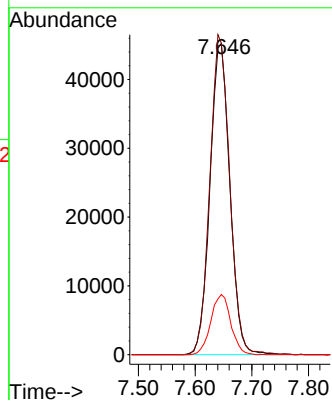
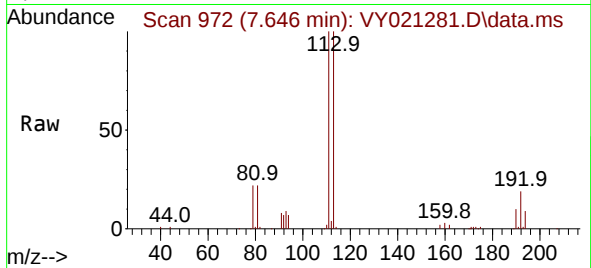




#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

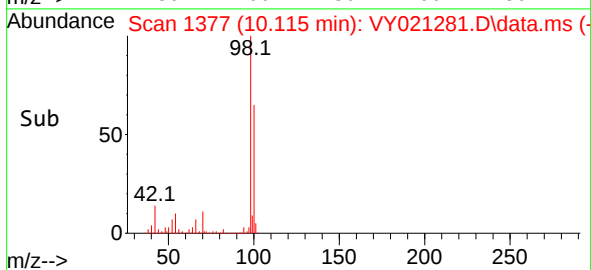
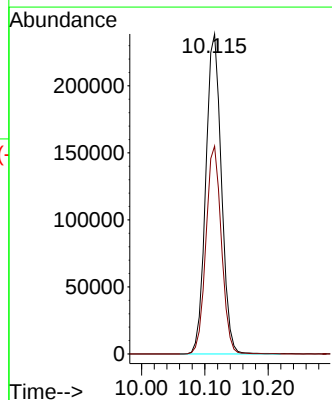
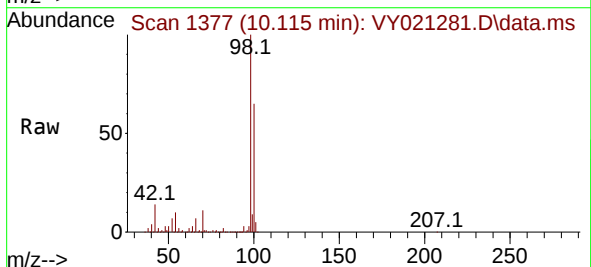
Instrument :
MSVOA_Y
ClientSampleId :
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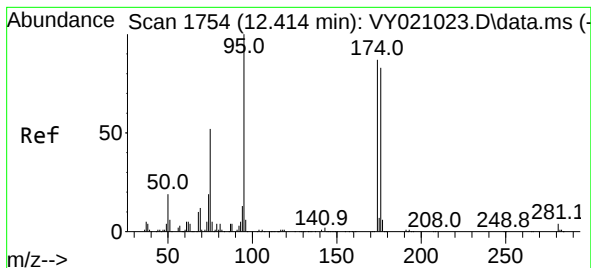
Tgt Ion:113 Resp: 110221
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.4 14.5 21.7



#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 98 Resp: 409432
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

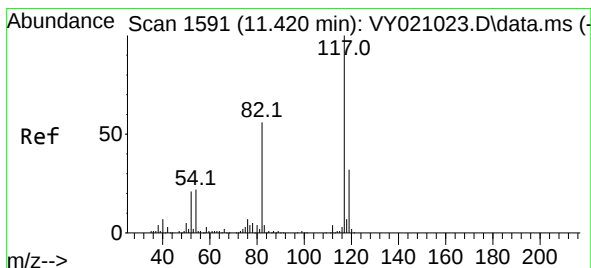
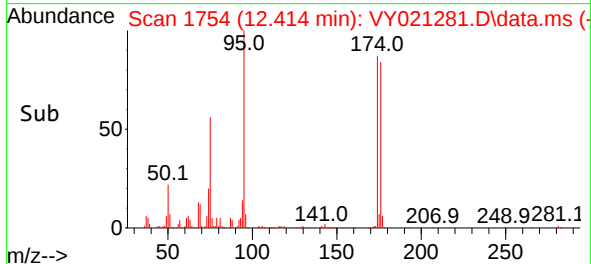
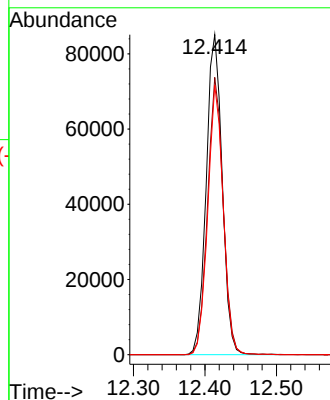
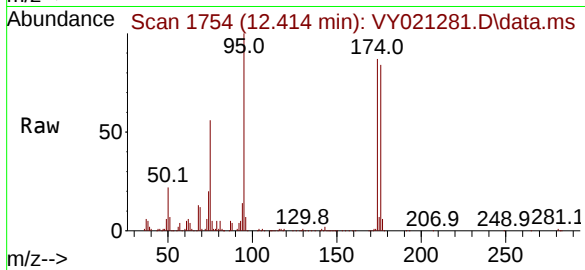




#62
4-Bromofluorobenzene
Concen: 49.512 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

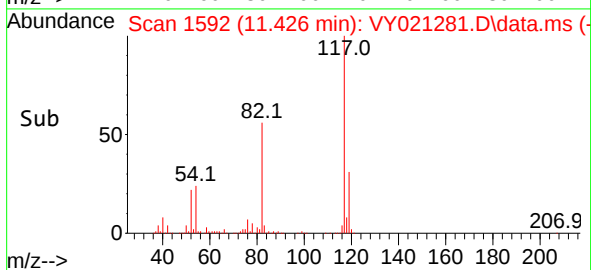
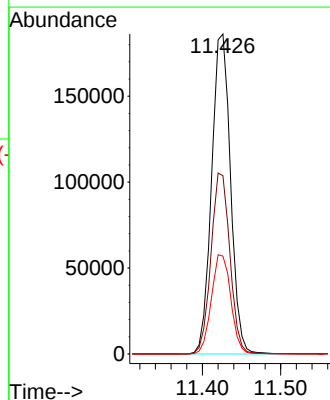
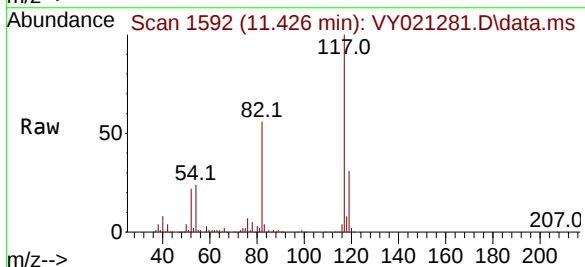
Instrument :
MSVOA_Y
ClientSampleId :
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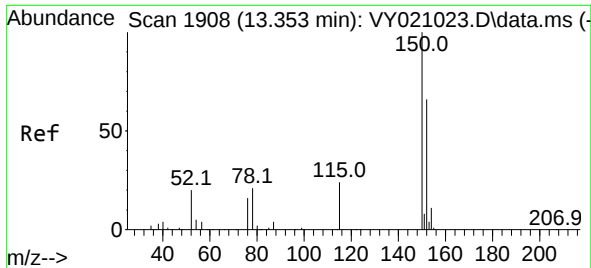
Tgt Ion:	95	Resp:	131965
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	160.0
176	81.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

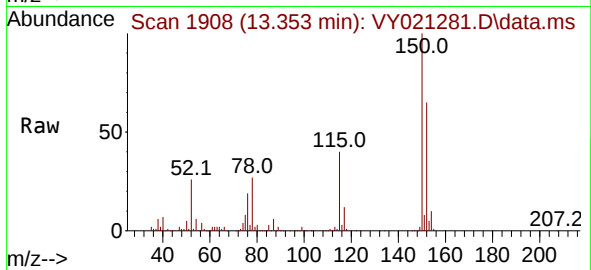
Tgt Ion:	117	Resp:	312411
Ion Ratio	Lower	Upper	
117	100		
82	55.7	43.8	65.8
119	30.6	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021281.D
 Acq: 21 Feb 2025 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-13-021725



Tgt Ion:152 Resp: 125048
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.0 90.0
 150 154.9 0.0 344.6

