

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021267.D
 Acq On : 20 Feb 2025 22:10
 Operator : SY/MD
 Sample : Q1382-17
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-09-021725

Quant Time: Feb 21 02:48:05 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)

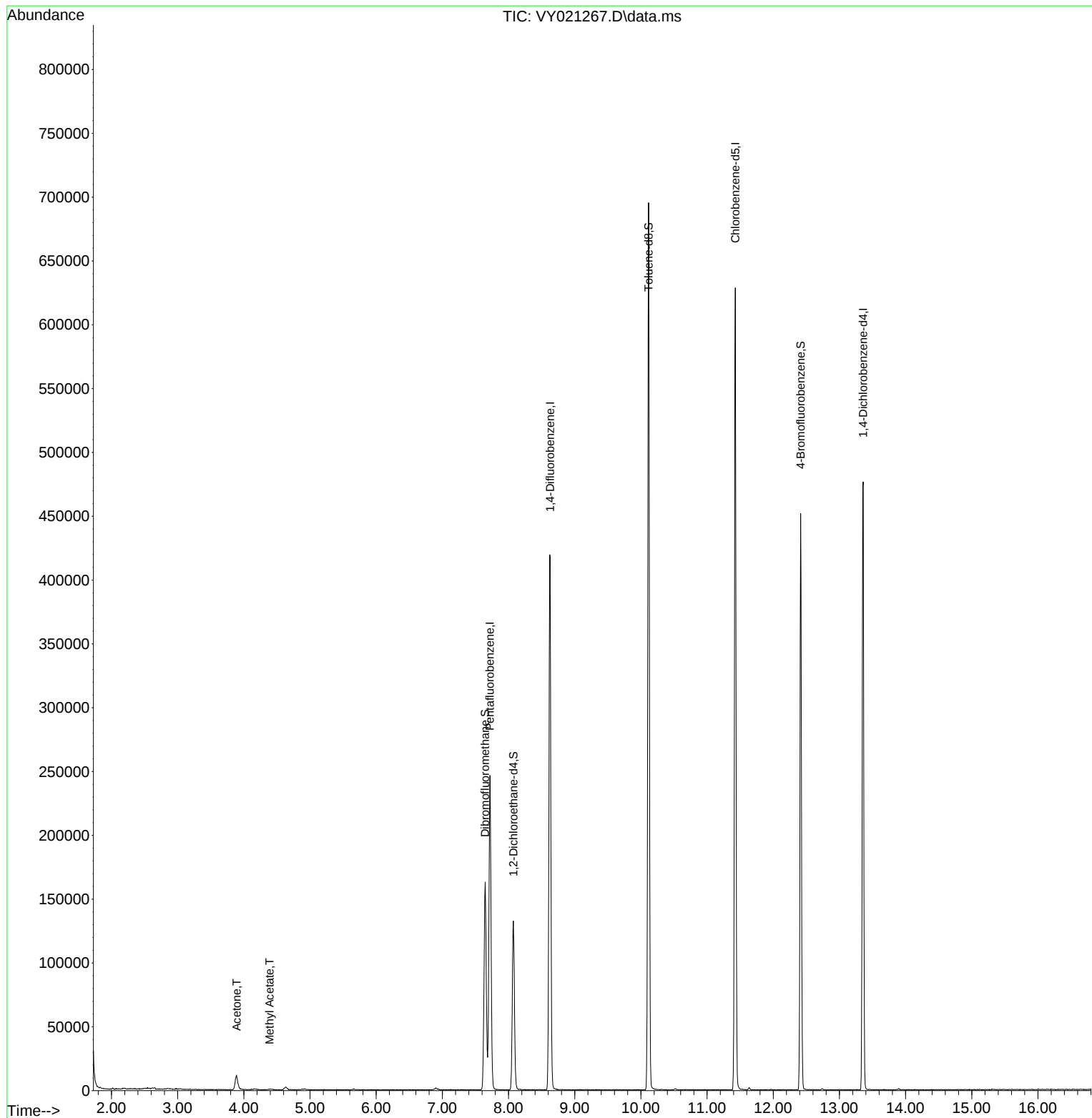
Internal Standards						
1) Pentafluorobenzene	7.720	168	179849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	348924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	316031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	118848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105356	57.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.646	113	112496	50.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.115	98	427049	50.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.414	95	129419	46.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.060%
Target Compounds						
16) Acetone	3.891	43	20515	71.390	ug/l	100
18) Methyl Acetate	4.391	43	1206	1.196	ug/l #	85

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

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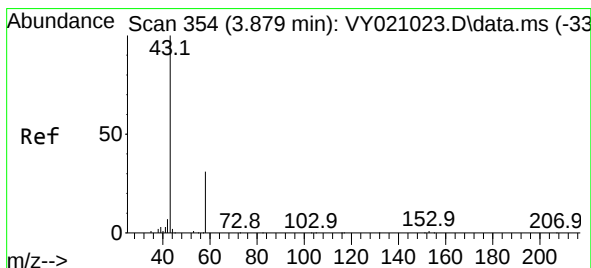
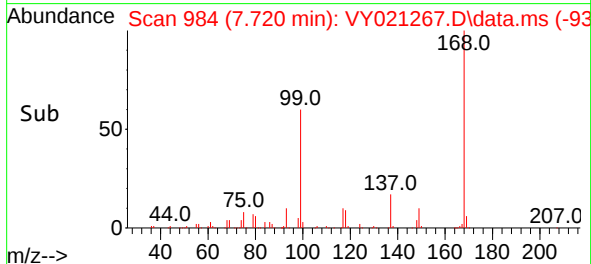
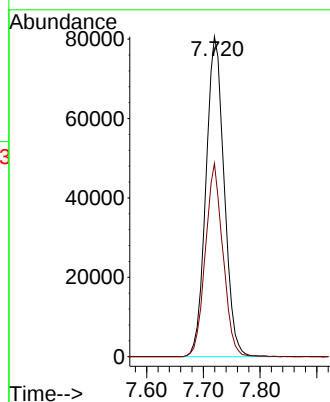
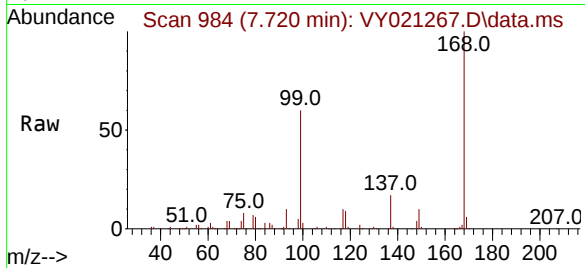




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

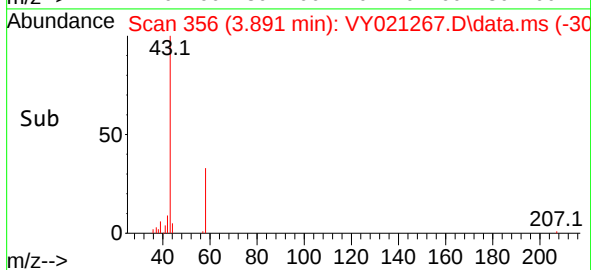
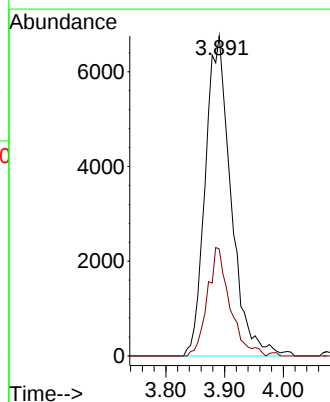
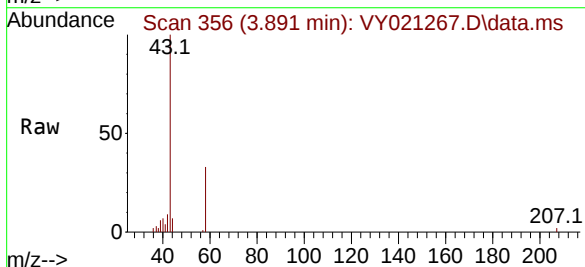
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

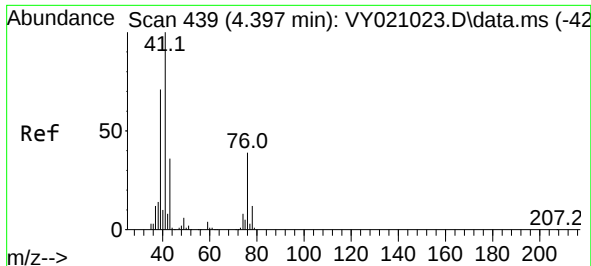
Tgt Ion:168 Resp: 179849
Ion Ratio Lower Upper
168 100
99 60.4 44.2 66.4



#16
Acetone
Concen: 71.390 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 43 Resp: 20515
Ion Ratio Lower Upper
43 100
58 33.4 26.6 39.8

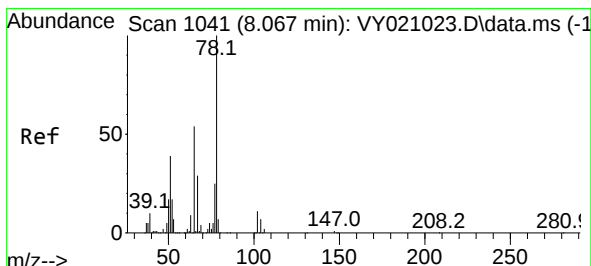
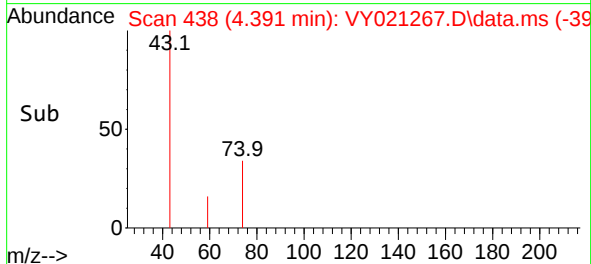
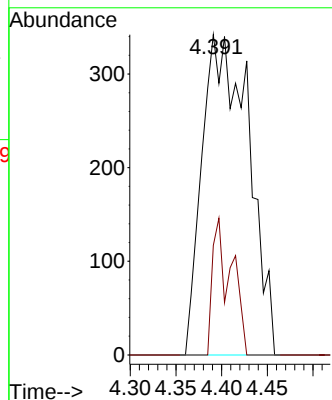
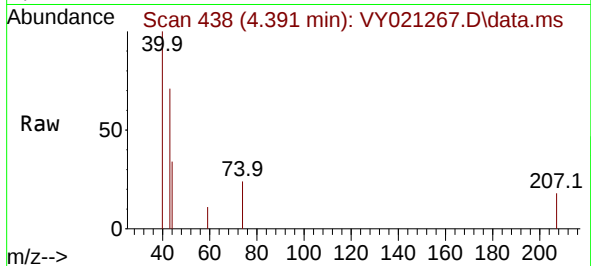




#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 4.391 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

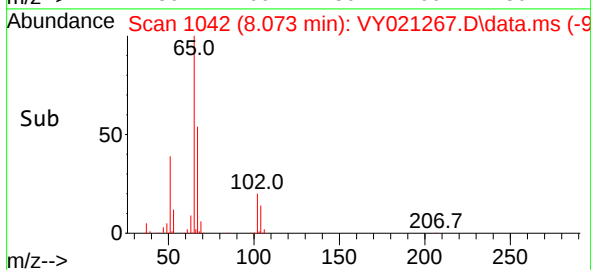
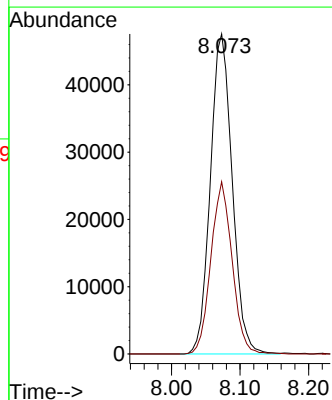
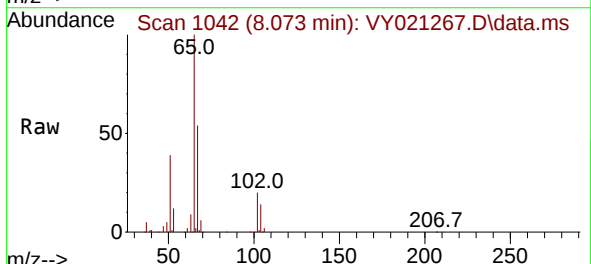
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

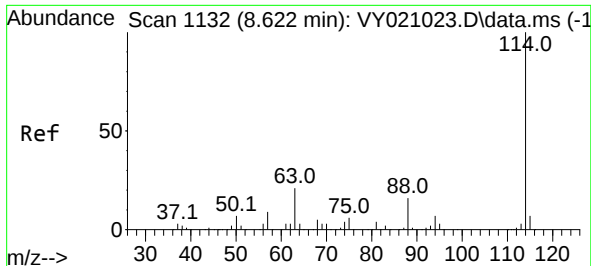
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
74 17.2 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 57.175 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 65 Resp: 105356
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-09-021725

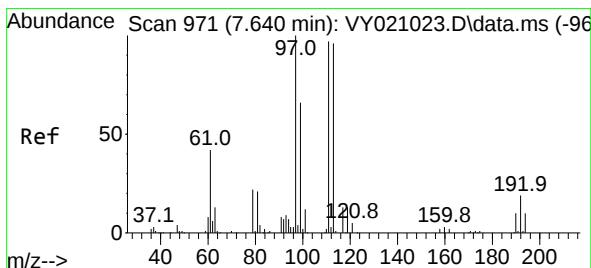
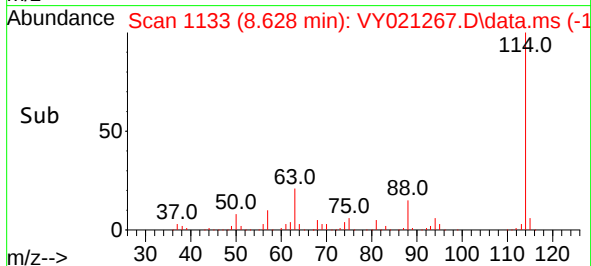
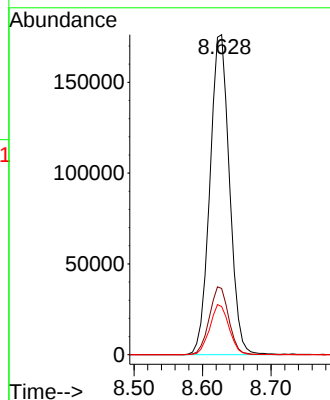
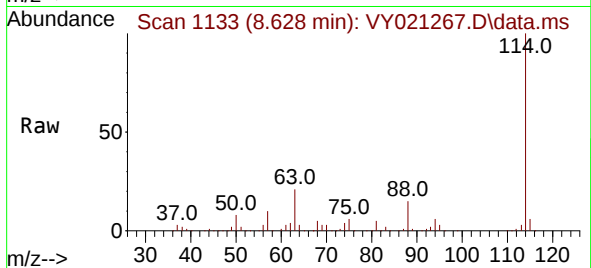
Tgt Ion:114 Resp: 348924

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.308 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

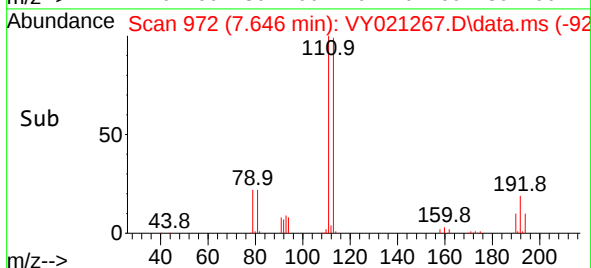
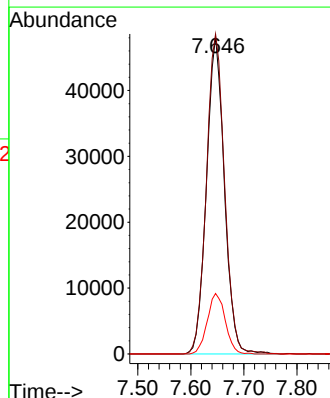
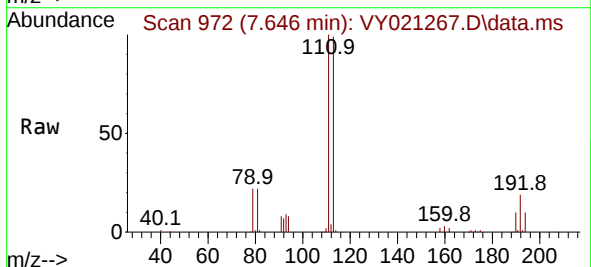
Tgt Ion:113 Resp: 112496

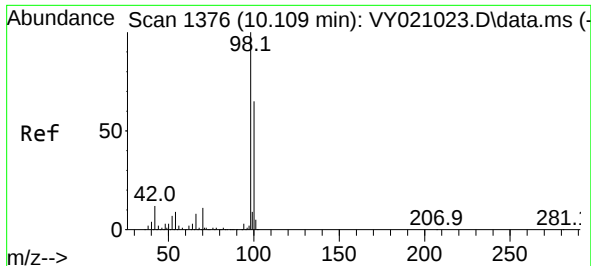
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.2 14.5 21.7

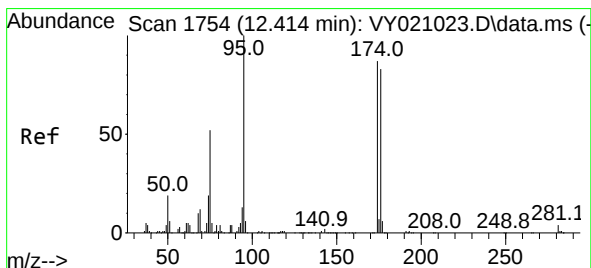
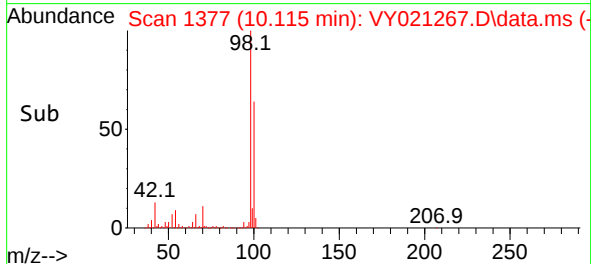
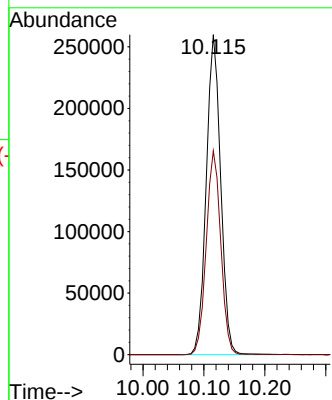
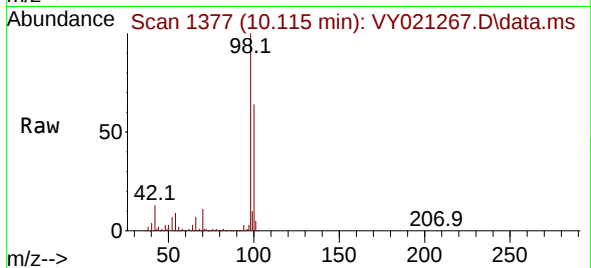




#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

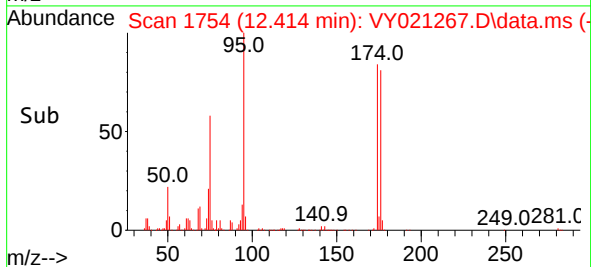
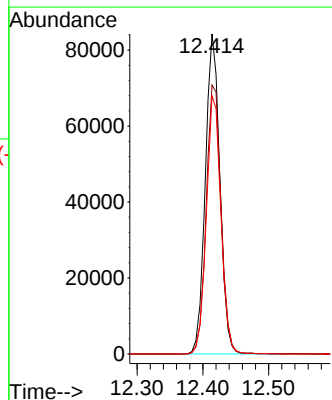
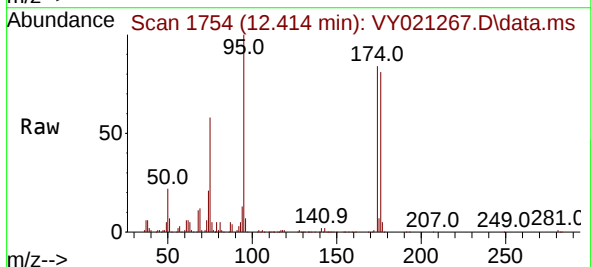
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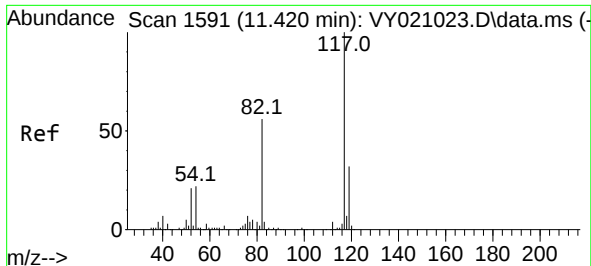
Tgt Ion: 98 Resp: 427049
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.534 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 95 Resp: 129419
Ion Ratio Lower Upper
95 100
174 85.9 0.0 160.0
176 80.9 0.0 151.8

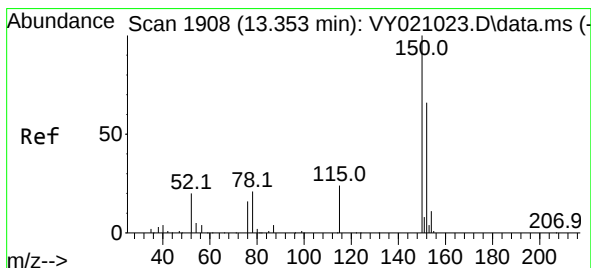
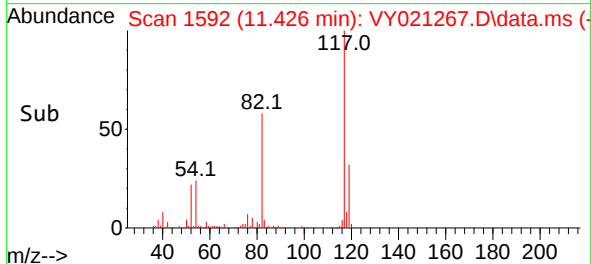
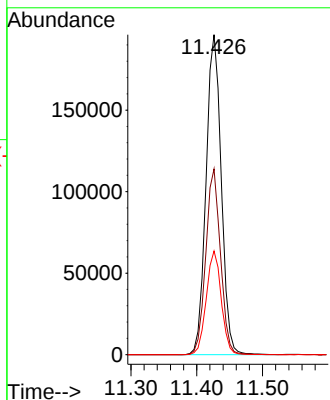
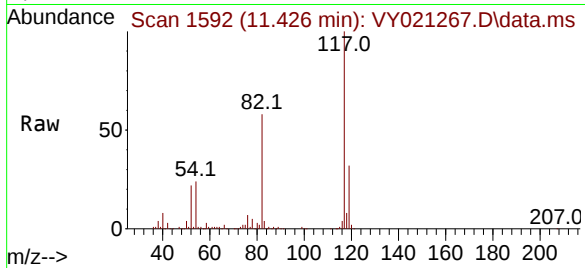




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion:117 Resp: 316031
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion:152 Resp: 118848
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.0
150 158.3 0.0 344.6

