

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021331.D
 Acq On : 26 Feb 2025 15:04
 Operator : SY/MD
 Sample : Q1382-19
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725

Quant Time: Feb 27 00:38:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

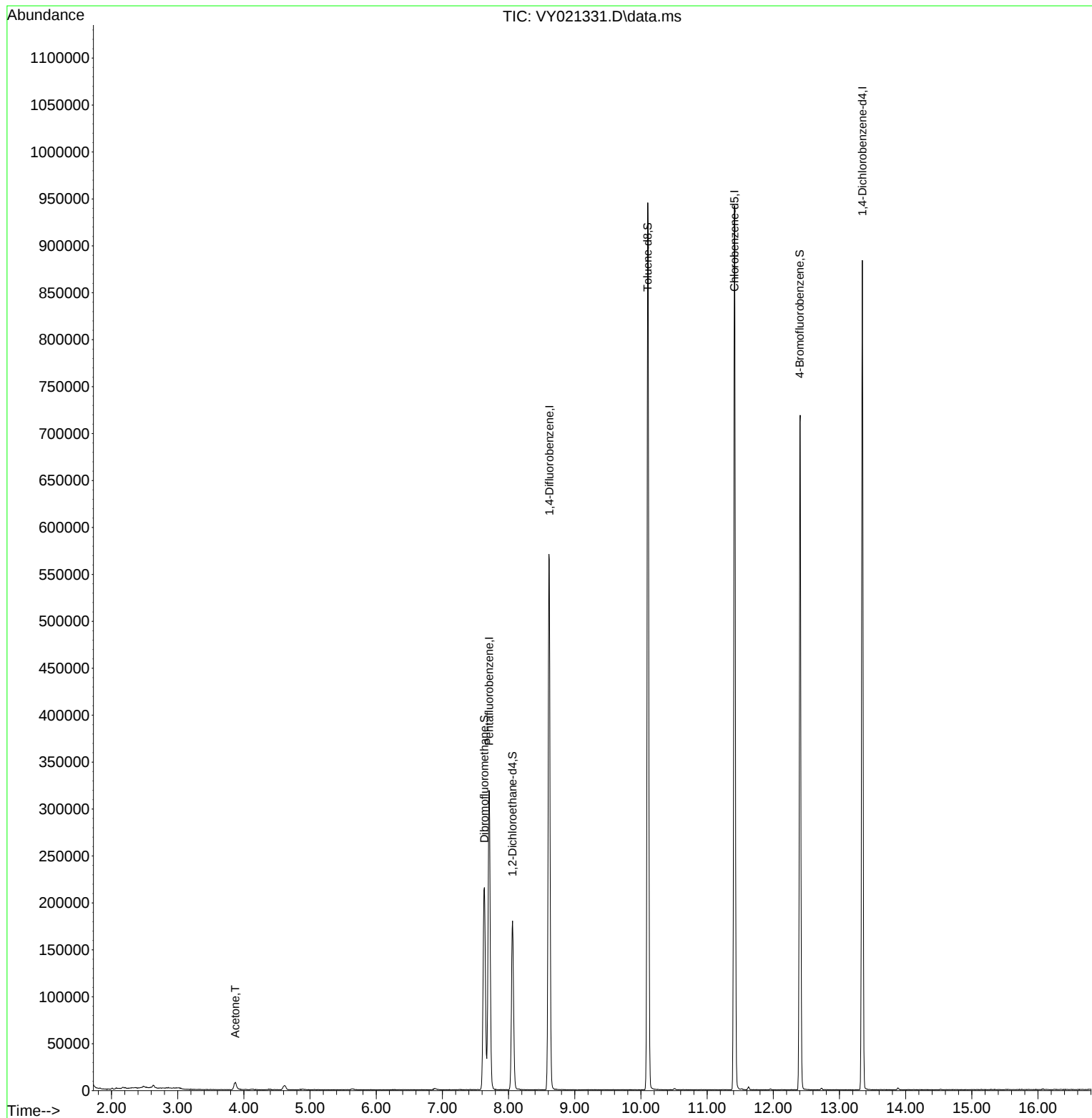
Internal Standards						
1) Pentafluorobenzene	7.707	168	237861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	473473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	472235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	207899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	144499	53.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.634	113	155360	50.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.103	98	592844	49.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.401	95	210287	52.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.160%	
Target Compounds						
16) Acetone	3.872	43	14420	27.859	ug/l	Qvalue 98

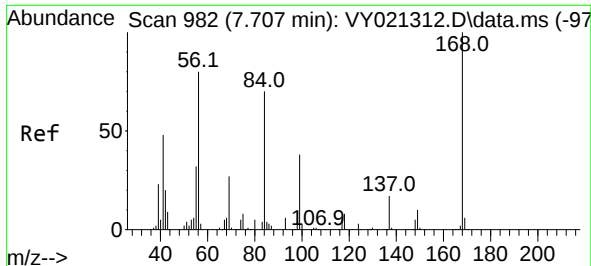
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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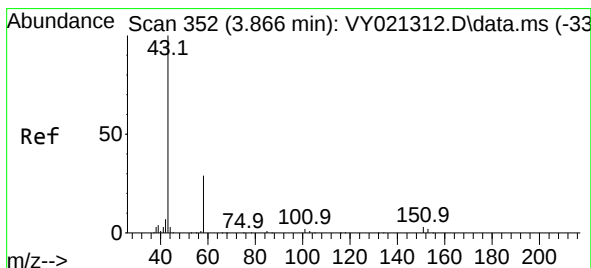
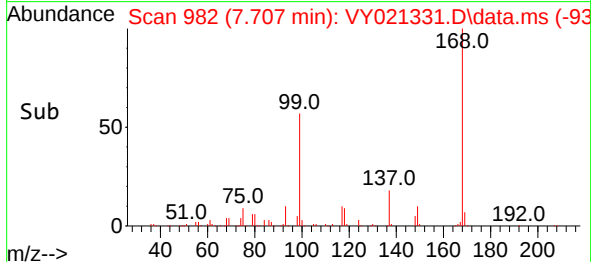
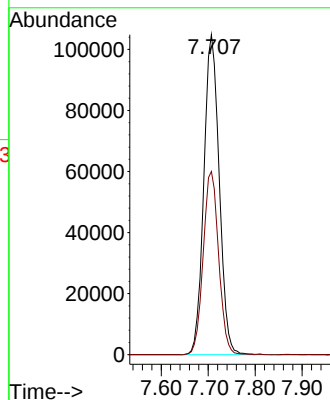
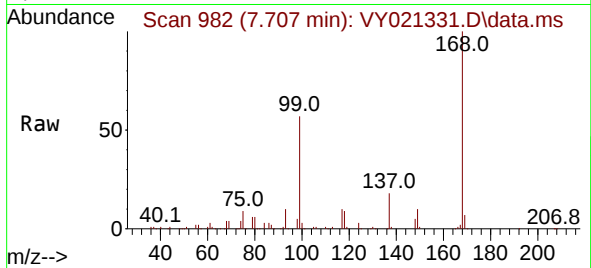




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

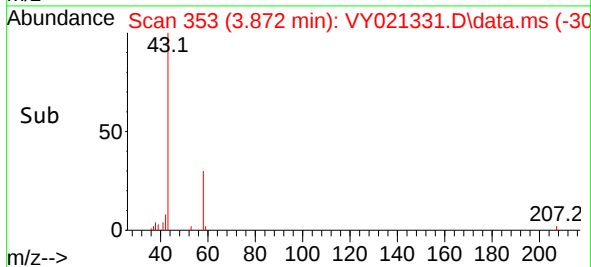
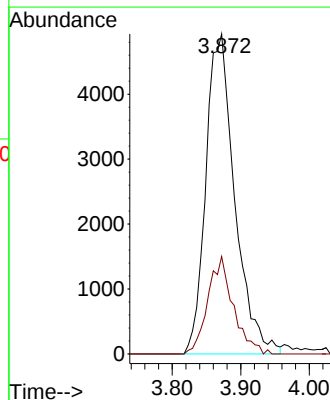
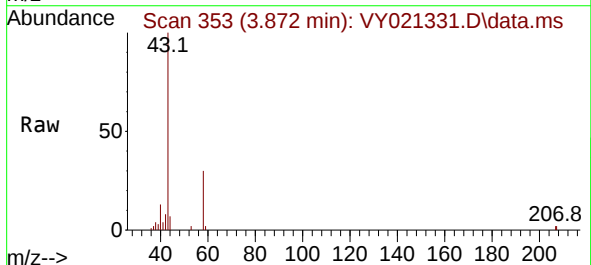
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

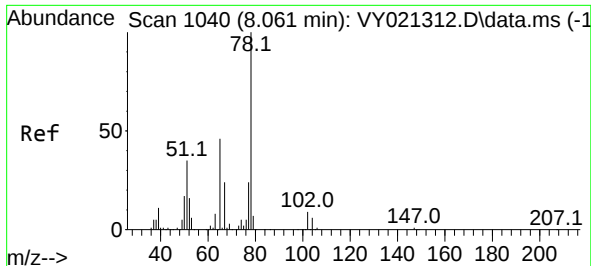
Tgt Ion:168 Resp: 237861
Ion Ratio Lower Upper
168 100
99 57.3 47.1 70.7



#16
Acetone
Concen: 27.859 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 43 Resp: 14420
Ion Ratio Lower Upper
43 100
58 30.4 23.5 35.3





#33

1,2-Dichloroethane-d4

Concen: 53.551 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

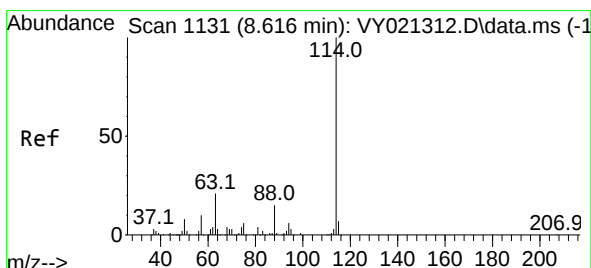
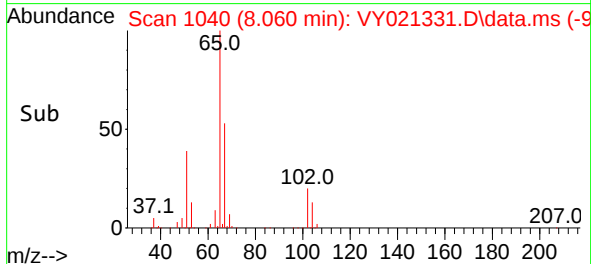
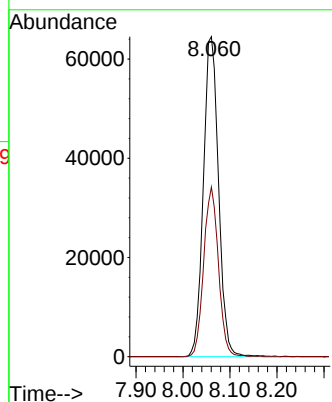
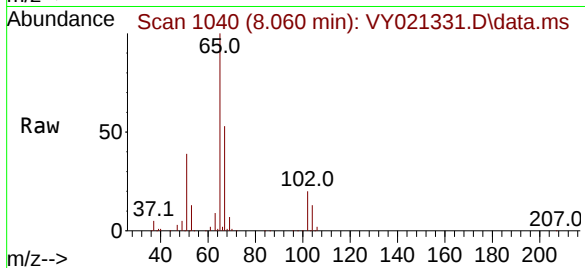
OU4-PCS-TC-10-021725

Tgt Ion: 65 Resp: 144499

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

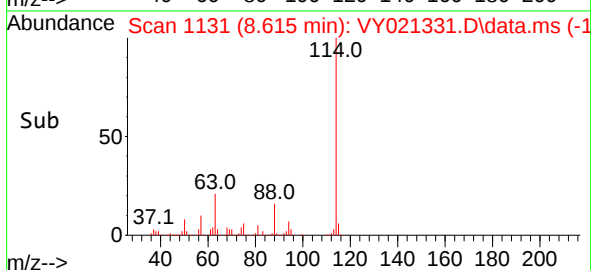
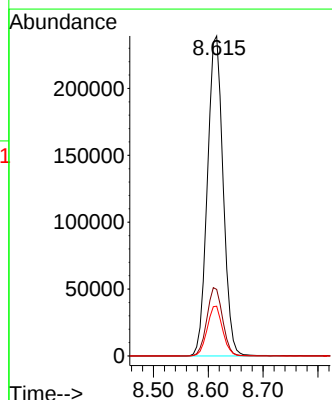
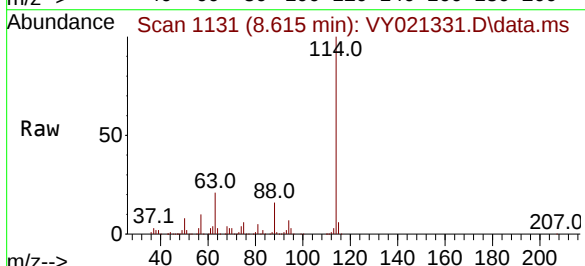
Tgt Ion: 114 Resp: 473473

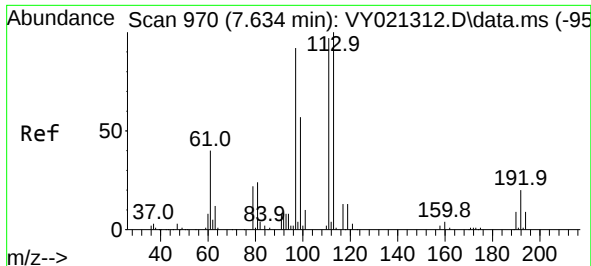
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 15.5 0.0 29.8

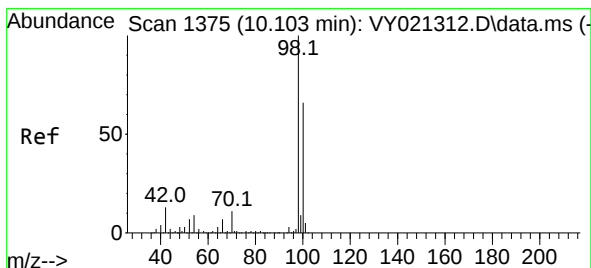
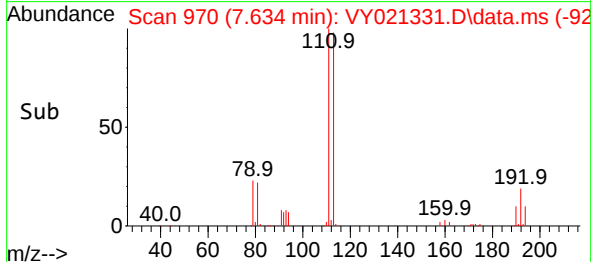
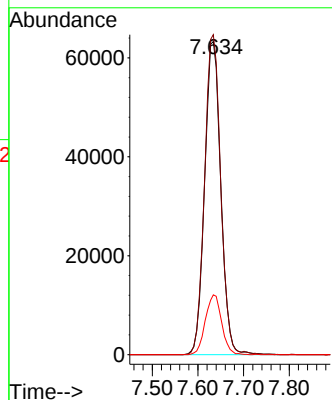
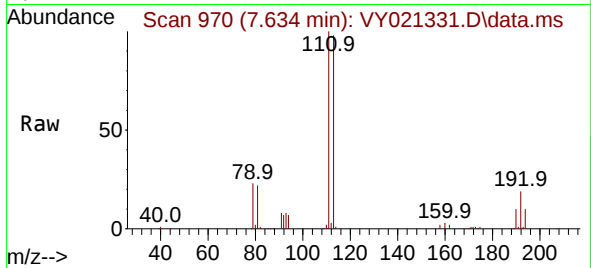




#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

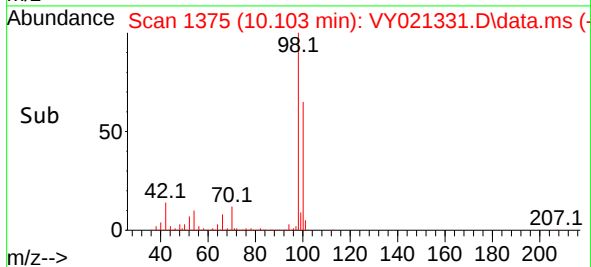
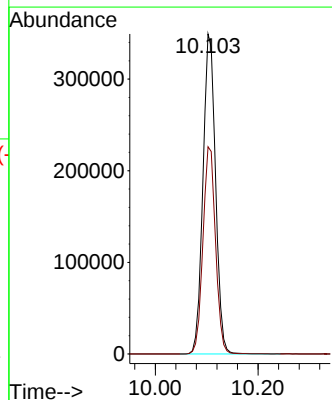
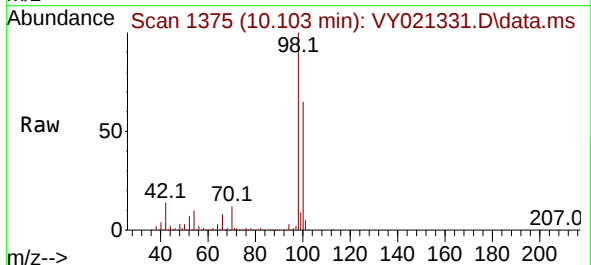
Instrument :
MSVOA_Y
ClientSampleId :
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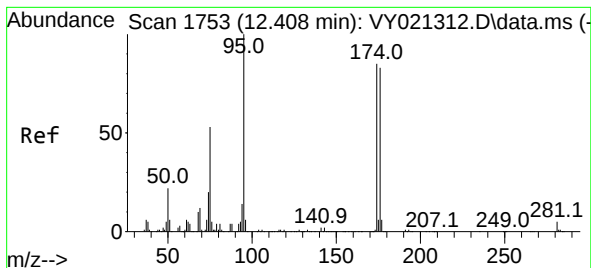
Tgt Ion:113 Resp: 155360
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.6
192 19.2 15.8 23.8



#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 98 Resp: 592844
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

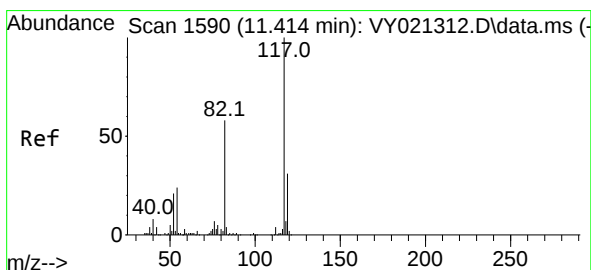
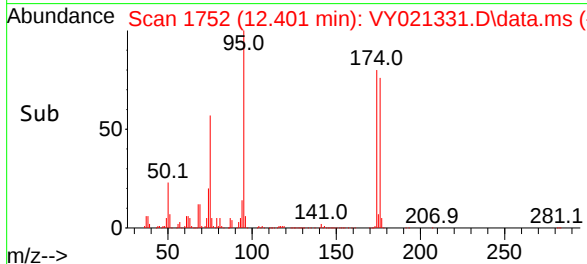
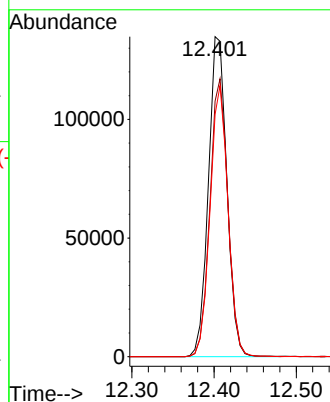
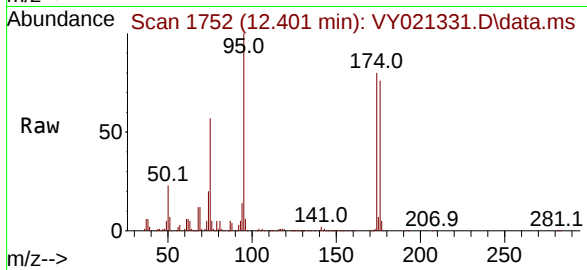




#62
4-Bromofluorobenzene
Concen: 52.085 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

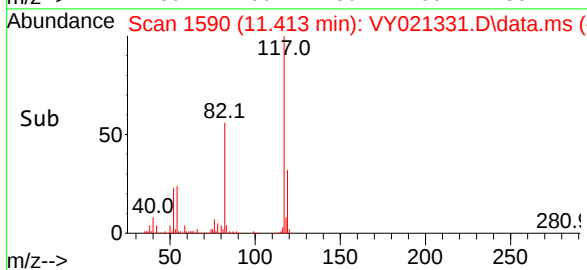
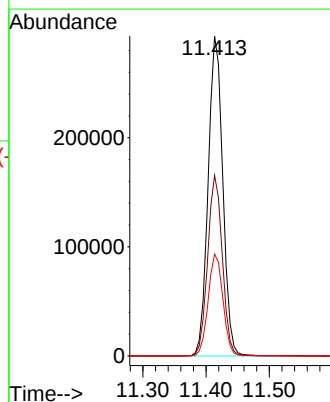
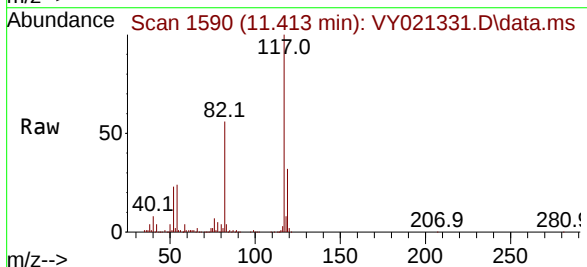
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ClientSampleId :
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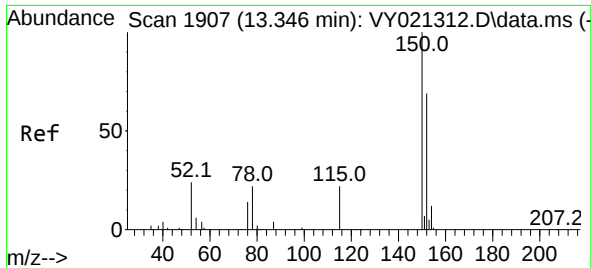
Tgt Ion: 95 Resp: 210287
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.0
176 82.2 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

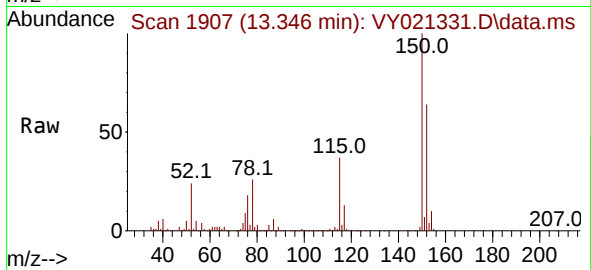
Tgt Ion: 117 Resp: 472235
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.8 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021331.D
 Acq: 26 Feb 2025 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725



Tgt Ion:152 Resp: 207899

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	157.0	0.0	347.4

