

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020009.D
 Acq On : 24 Oct 2024 14:10
 Operator : SY/MD
 Sample : P4485-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D20241001-01-04

Quant Time: Oct 25 01:41:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

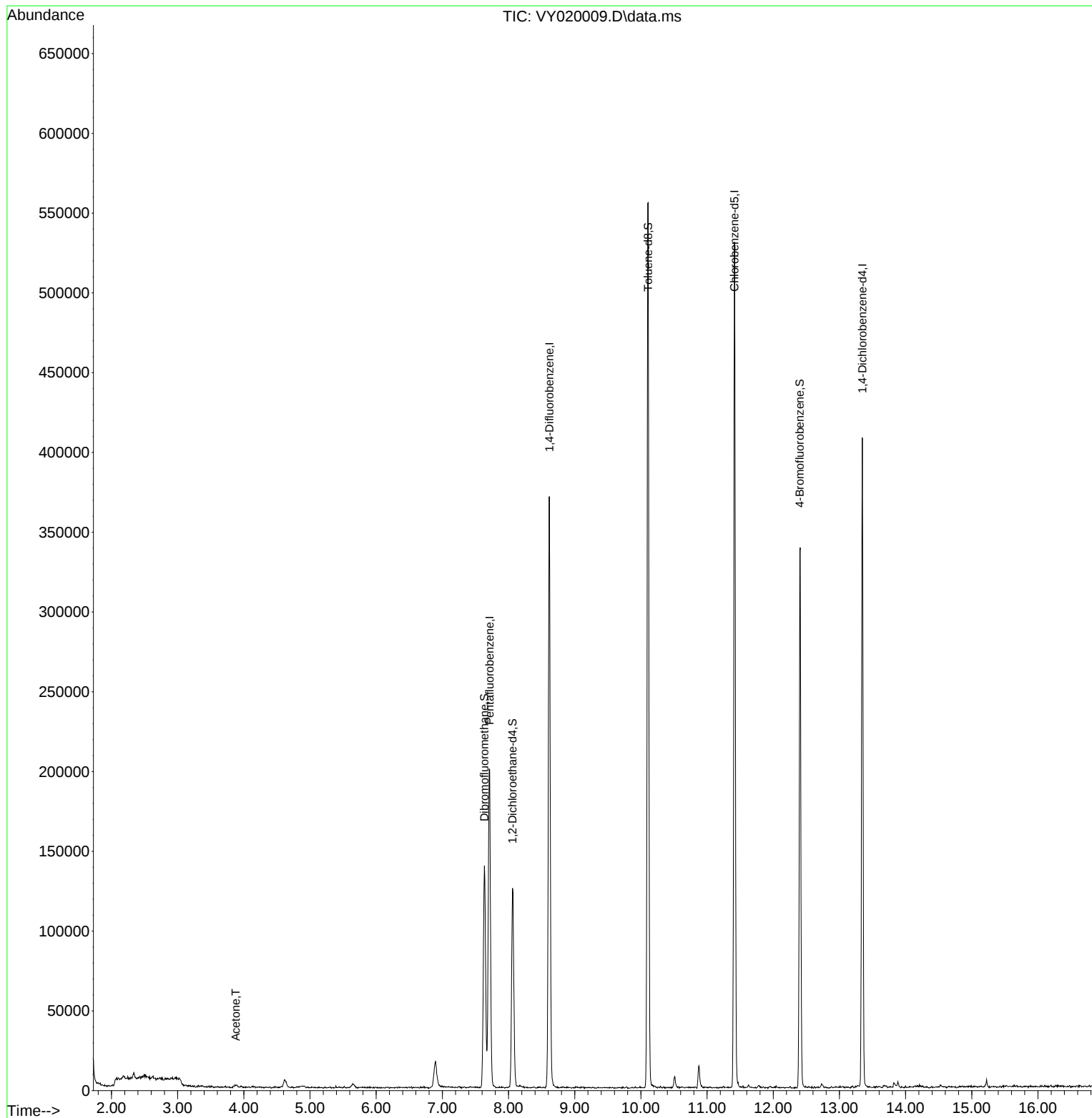
Internal Standards						
1) Pentafluorobenzene	7.713	168	141104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	289091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	89285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100706	57.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.920%
35) Dibromofluoromethane	7.634	113	95819	50.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.109	98	351712	49.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.402	95	102722	40.354	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.700%
Target Compounds						
16) Acetone	3.879	43	3178	7.027	ug/l	Qvalue 89

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

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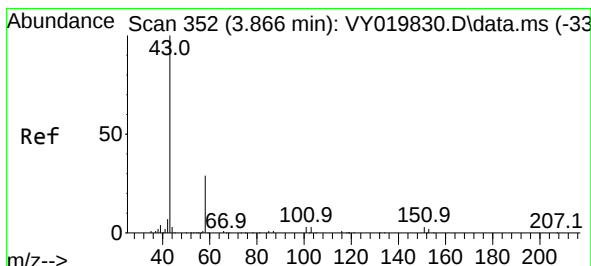
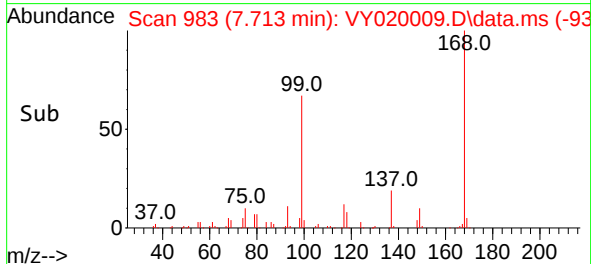
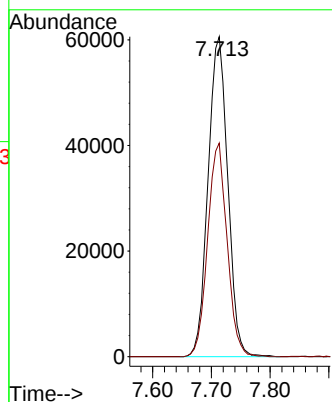
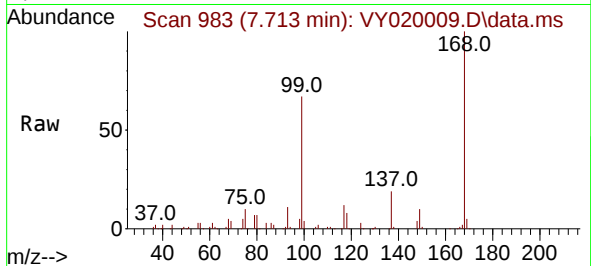




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

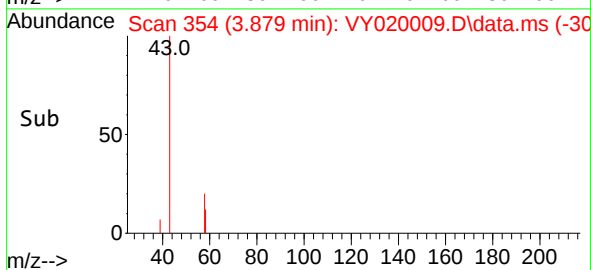
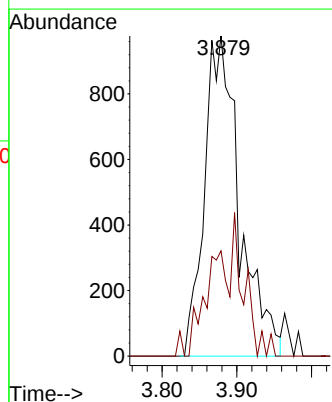
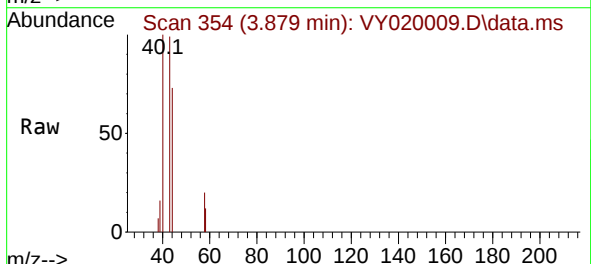
Instrument :
MSVOA_Y
ClientSampleId :
D20241001-01-04

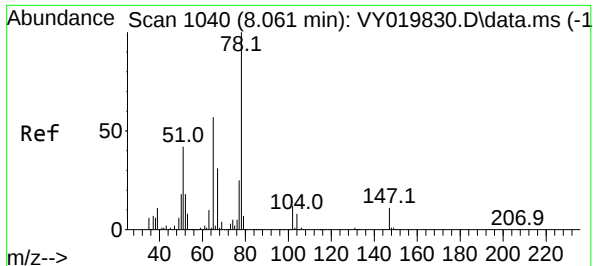
Tgt Ion:168 Resp: 141104
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#16
Acetone
Concen: 7.027 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 57.963 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020009.D

Acq: 24 Oct 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

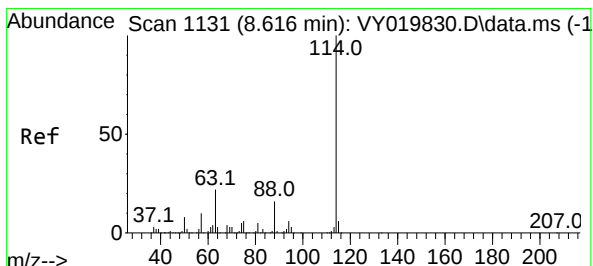
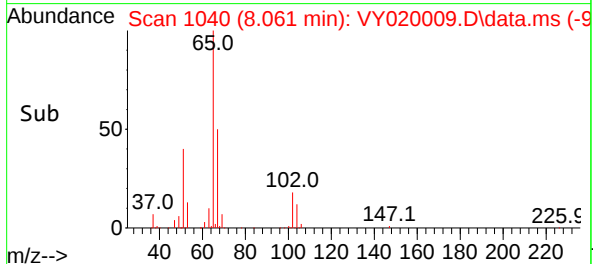
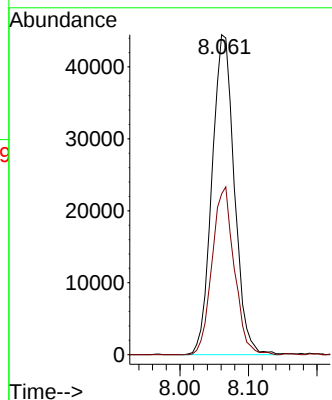
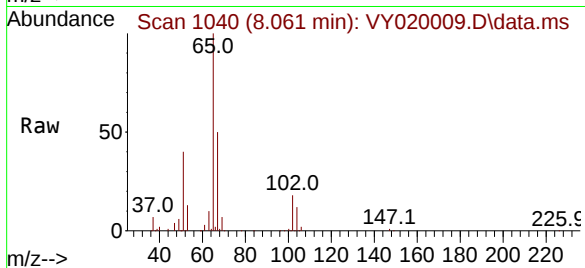
D20241001-01-04

Tgt Ion: 65 Resp: 100706

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020009.D

Acq: 24 Oct 2024 14:10

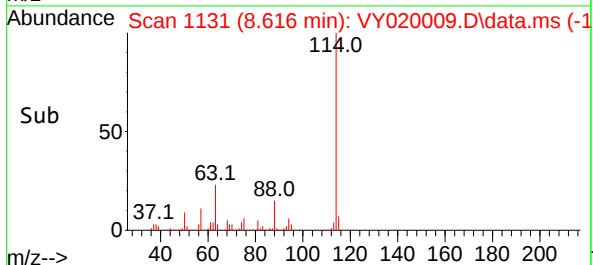
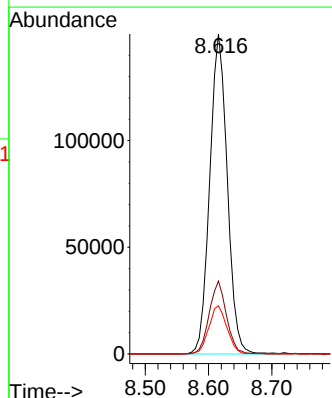
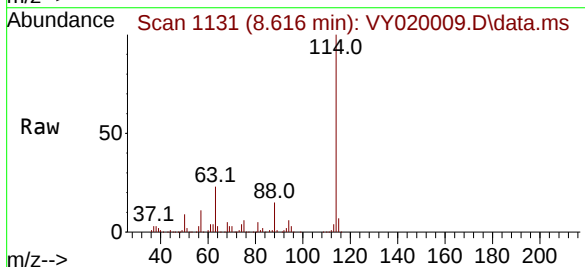
Tgt Ion: 114 Resp: 289091

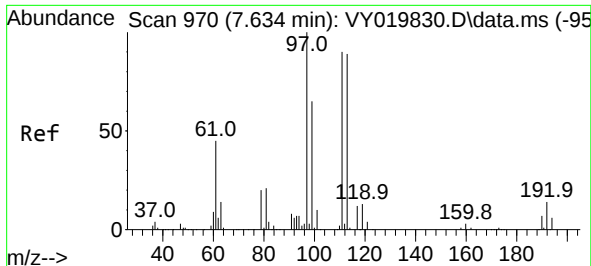
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

88 15.1 0.0 27.2

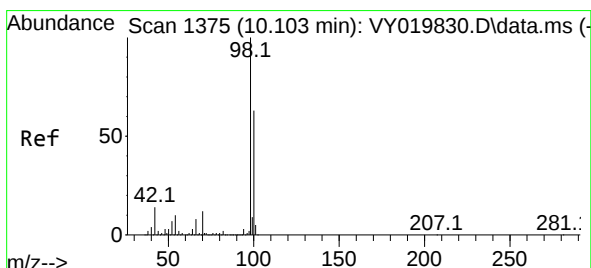
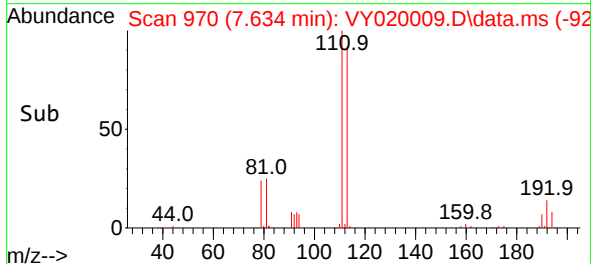
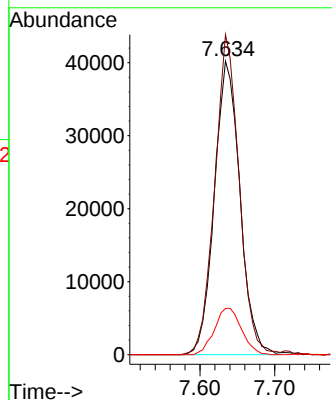
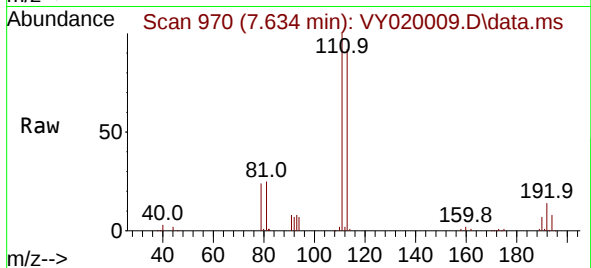




#35
Dibromofluoromethane
Concen: 50.228 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

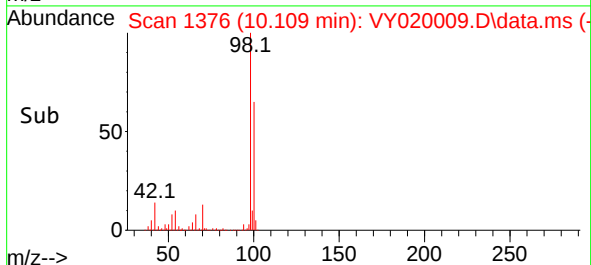
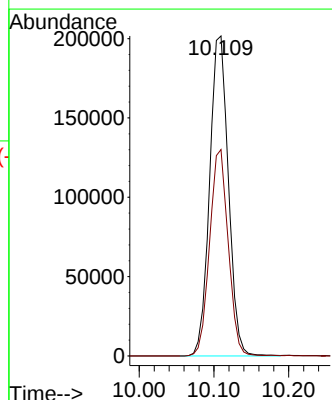
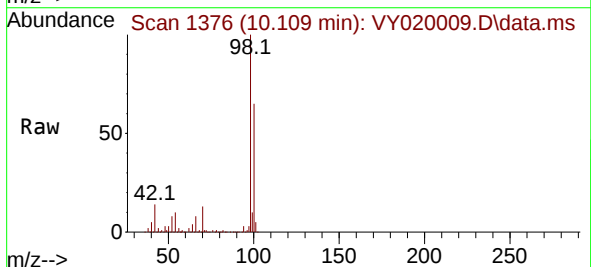
Instrument :
MSVOA_Y
ClientSampleId :
D20241001-01-04

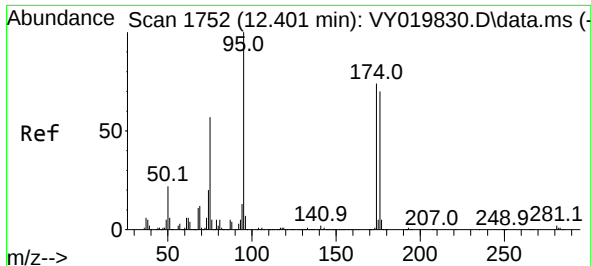
Tgt Ion:113 Resp: 95819
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 98 Resp: 351712
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

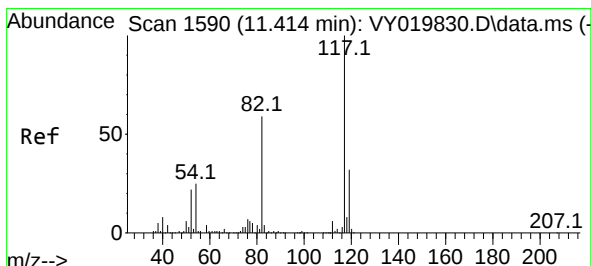
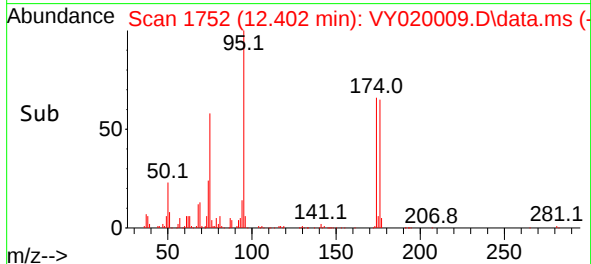
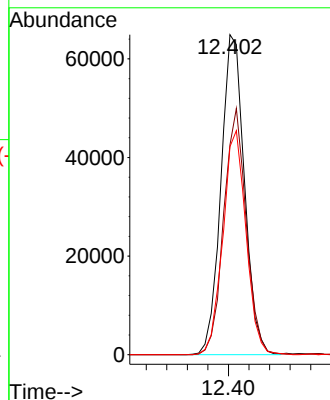
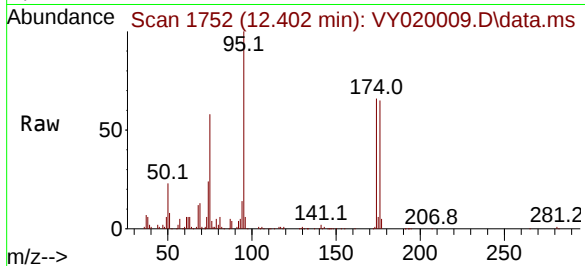




#62
4-Bromofluorobenzene
Concen: 40.354 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

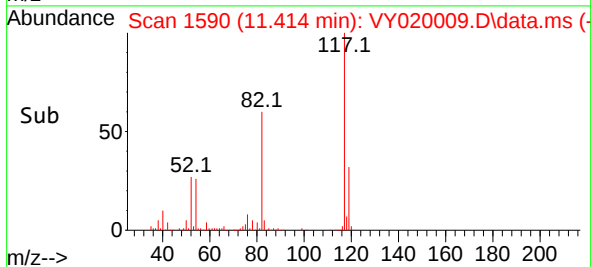
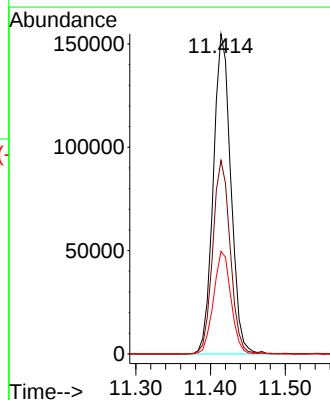
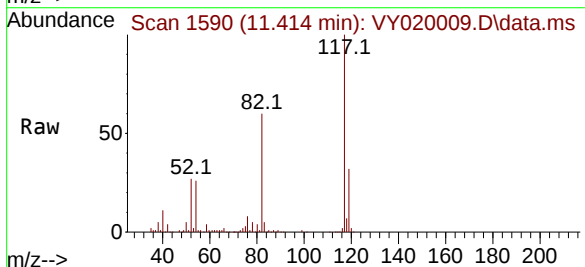
Instrument :
MSVOA_Y
ClientSampleId :
D20241001-01-04

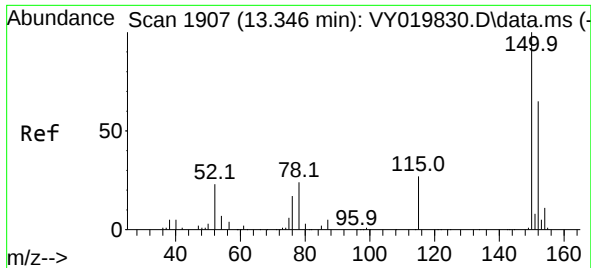
Tgt Ion: 95 Resp: 102722
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

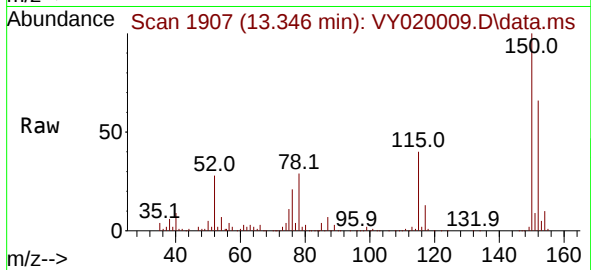
Tgt Ion: 117 Resp: 252795
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020009.D
 Acq: 24 Oct 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 D20241001-01-04



Tgt Ion:152 Resp: 89285
 Ion Ratio Lower Upper
 152 100
 115 62.8 28.2 84.7
 150 155.6 0.0 345.6

