

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017266.D
 Acq On : 06 Feb 2024 15:49
 Operator : SY/MD
 Sample : P1364-01
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 07 00:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

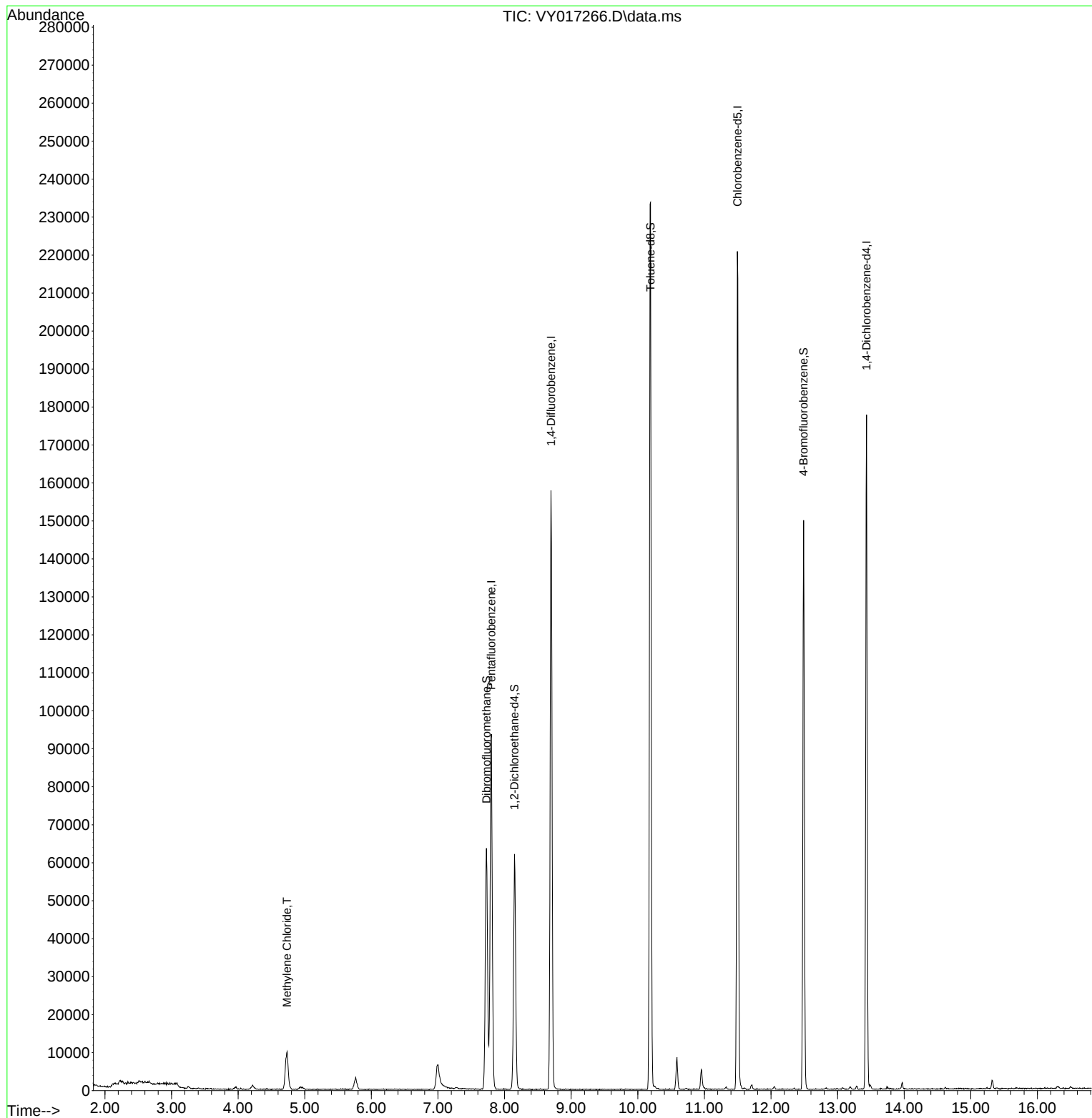
Internal Standards						
1) Pentafluorobenzene	7.801	168	70326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	121454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	42413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44675	71.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.220%	
35) Dibromofluoromethane	7.728	113	45394	62.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.120%	
50) Toluene-d8	10.191	98	156020	59.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.120%	
62) 4-Bromofluorobenzene	12.489	95	44434	51.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.700%	
Target Compounds						
20) Methylene Chloride	4.735	84	7208	6.482	ug/l	Qvalue 95

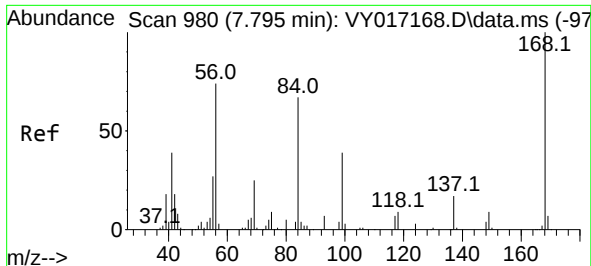
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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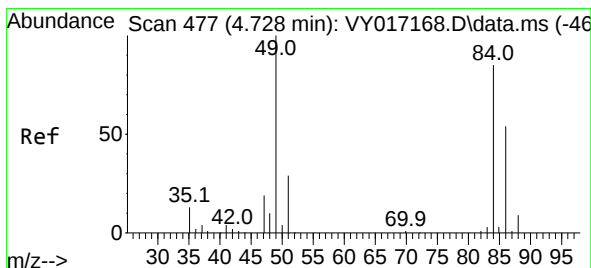
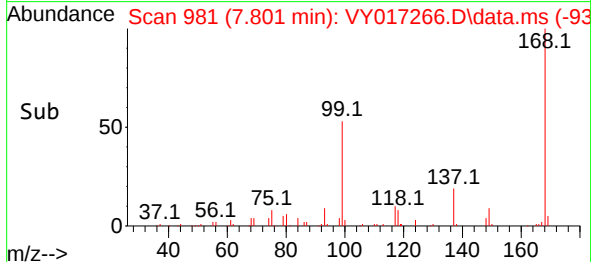
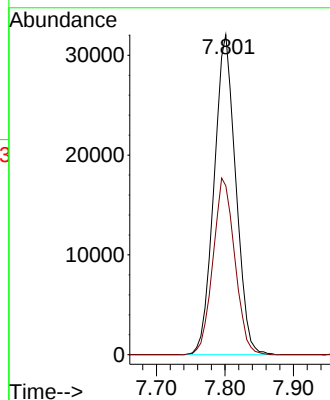
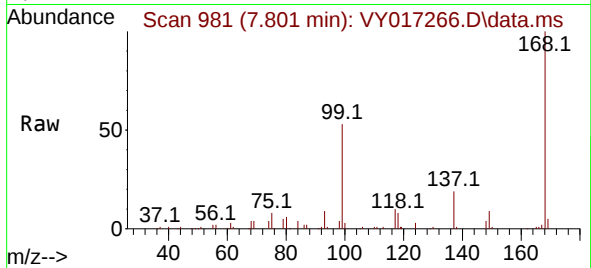




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

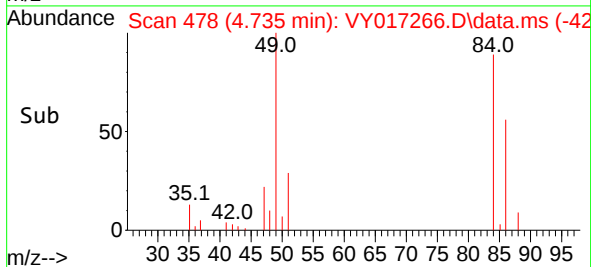
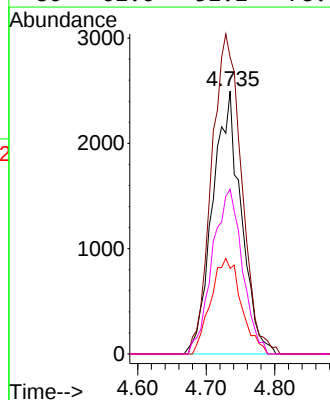
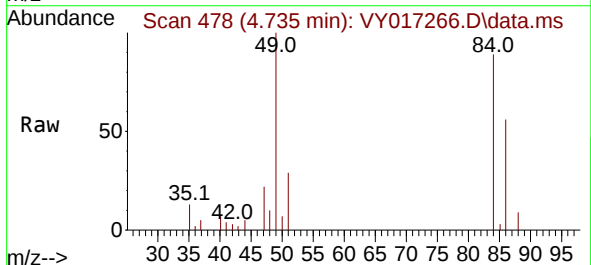
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

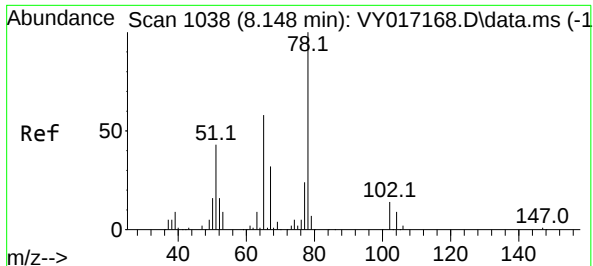
Tgt Ion:168 Resp: 70326
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#20
Methylene Chloride
Concen: 6.482 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 84 Resp: 7208
Ion Ratio Lower Upper
84 100
49 112.8 95.2 142.8
51 32.6 29.9 44.9
86 62.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 71.110 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

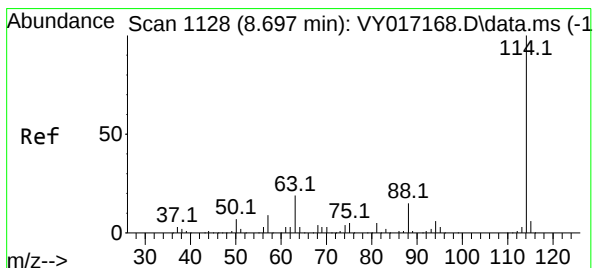
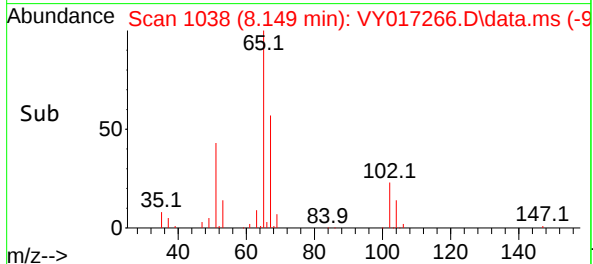
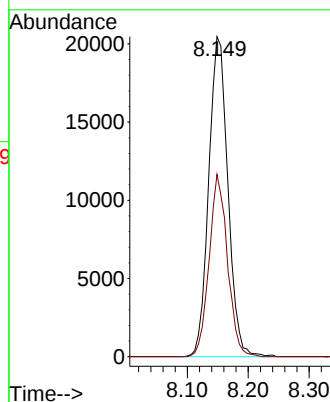
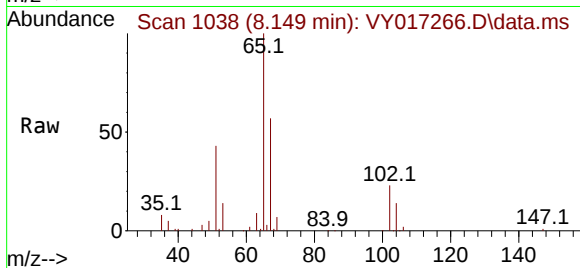
COMP-1

Tgt Ion: 65 Resp: 44675

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017266.D

Acq: 06 Feb 2024 15:49

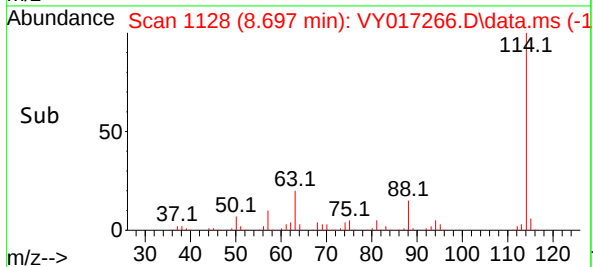
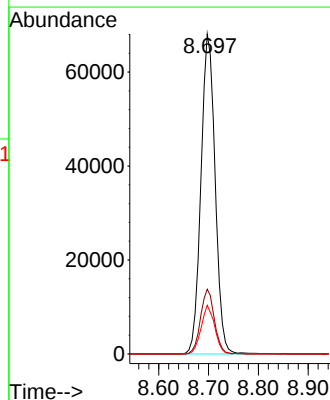
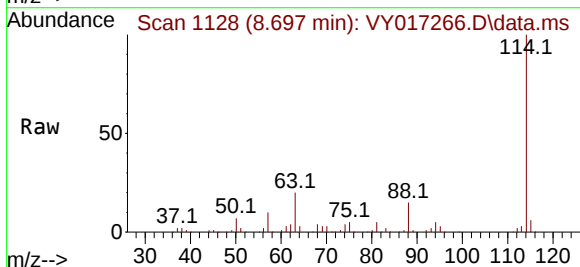
Tgt Ion: 114 Resp: 134377

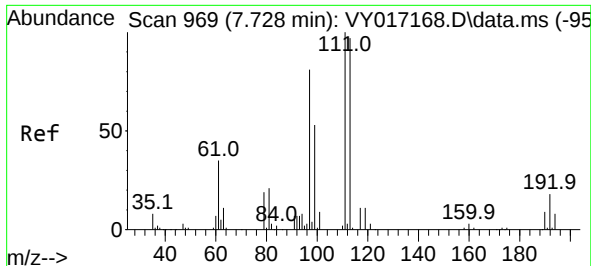
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.2 0.0 29.0

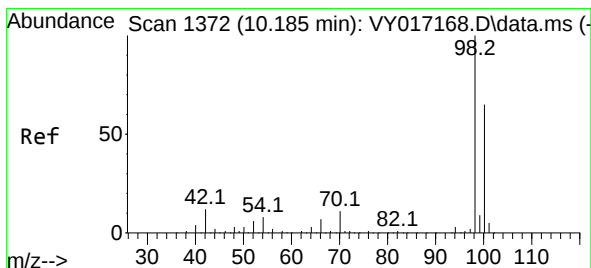
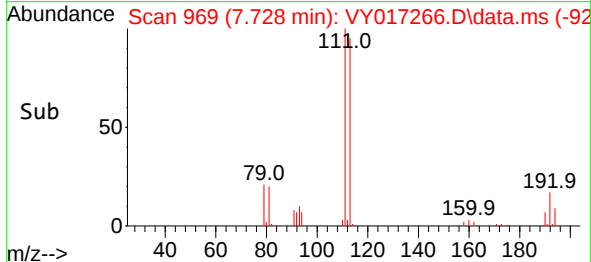
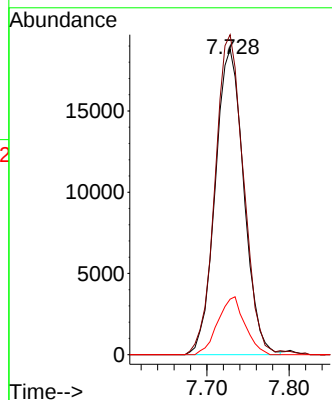
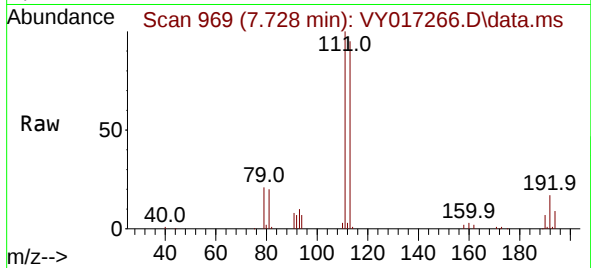




#35
Dibromofluoromethane
Concen: 62.565 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

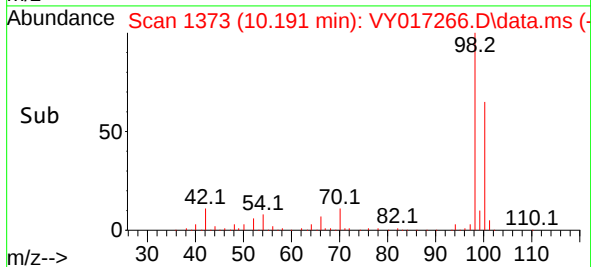
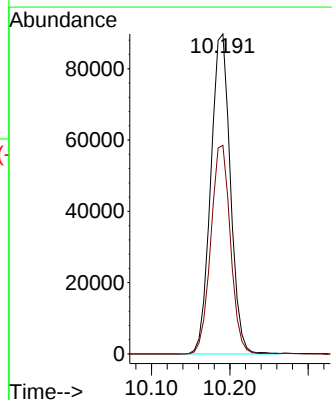
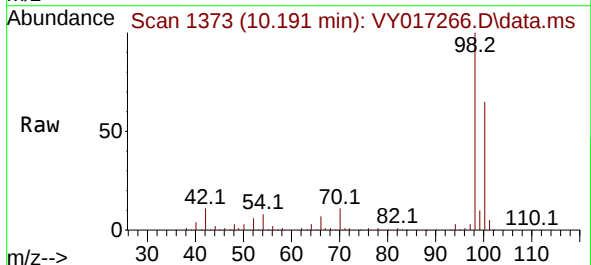
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

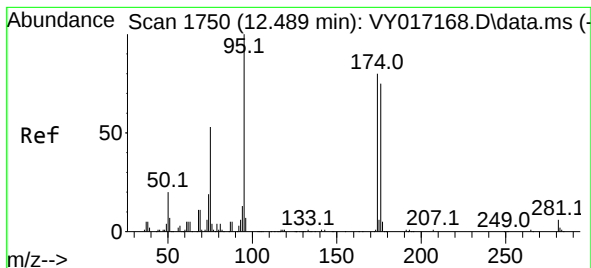
Tgt Ion:113 Resp: 45394
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 59.061 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 98 Resp: 156020
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

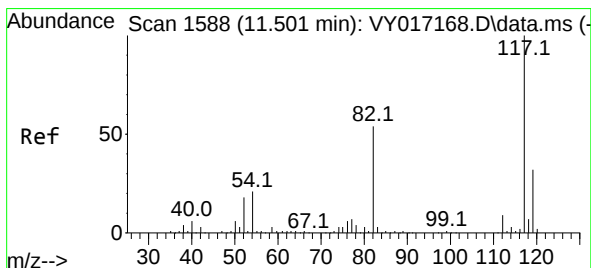
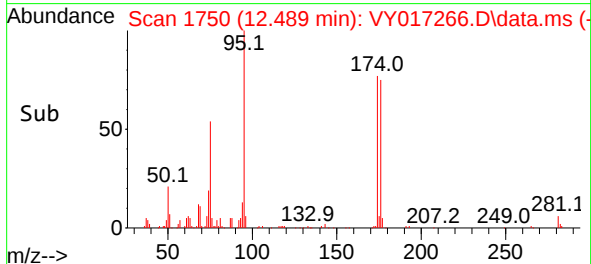
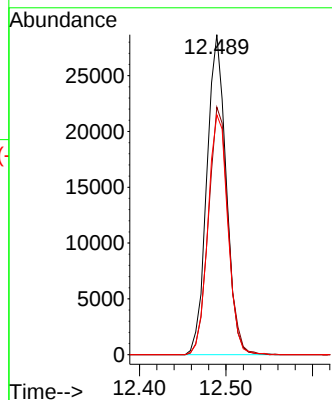
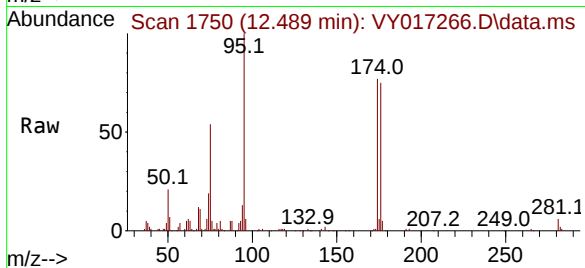




#62
4-Bromofluorobenzene
Concen: 51.347 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

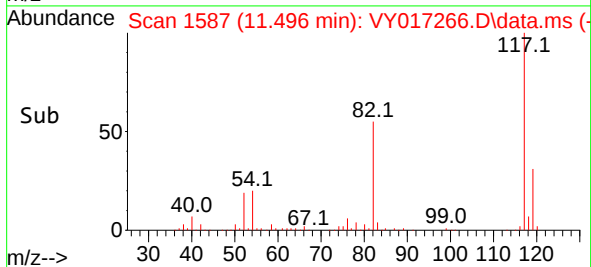
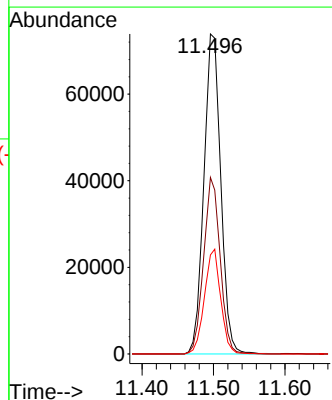
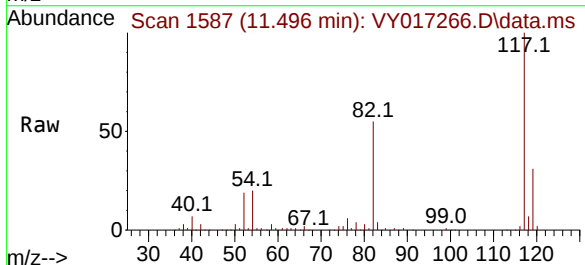
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

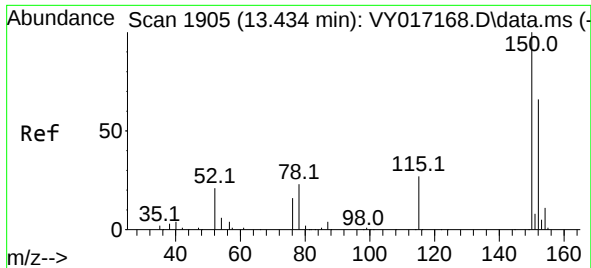
Tgt Ion: 95 Resp: 44434
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 77.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017266.D
Acq: 06 Feb 2024 15:49

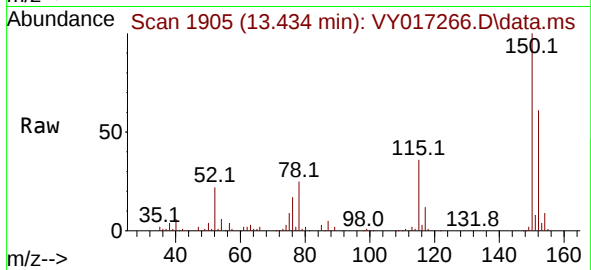
Tgt Ion: 117 Resp: 121454
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017266.D
 Acq: 06 Feb 2024 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion:152 Resp: 42413
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.0 90.0
 150 160.8 0.0 344.6

