

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017181.D
 Acq On : 02 Feb 2024 14:04
 Operator : SY/MD
 Sample : P1341-01
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 02 22:29:47 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)

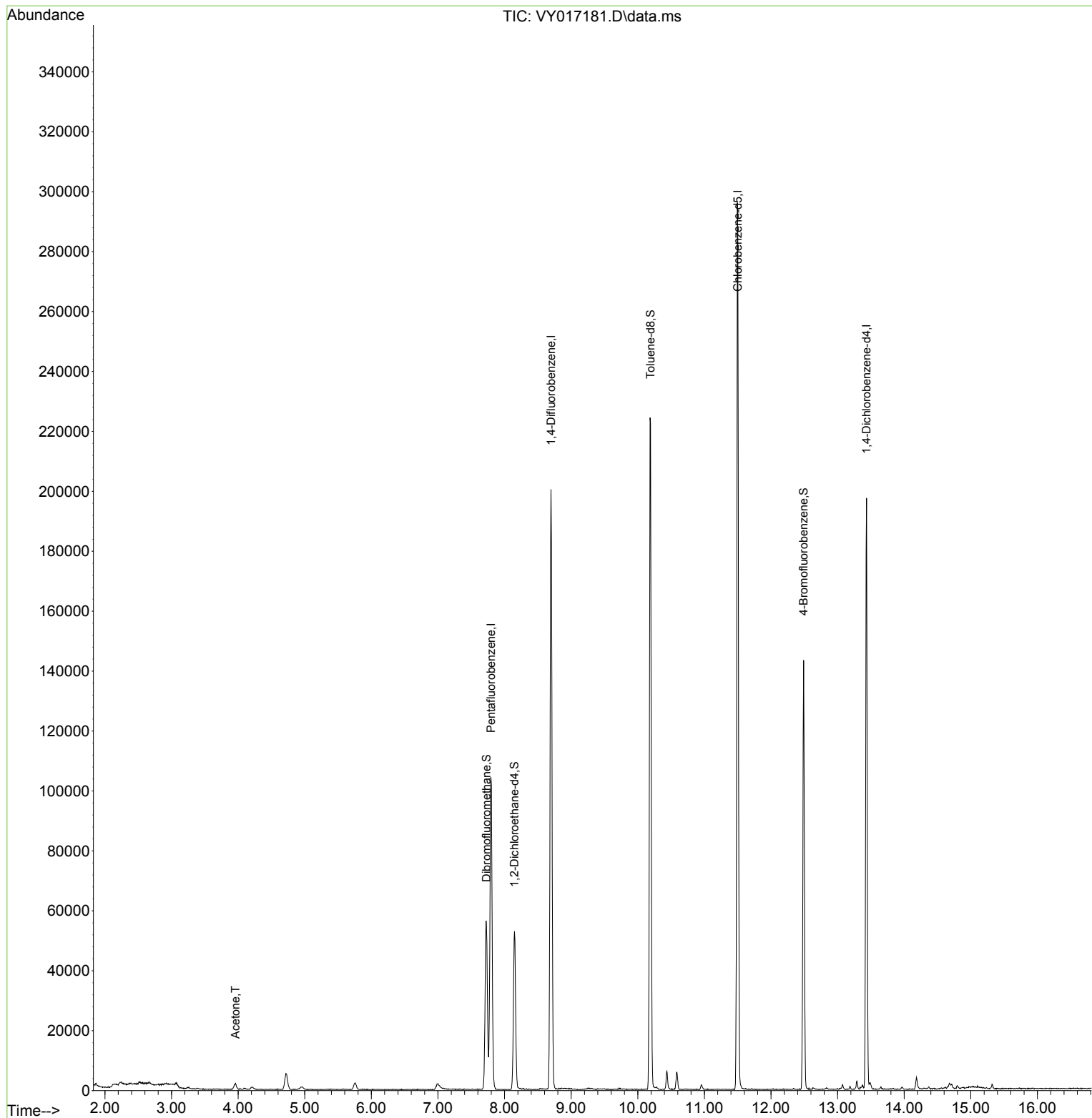
Internal Standards						
1) Pentafluorobenzene	7.795	168	79942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	163188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40747	57.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.120%
35) Dibromofluoromethane	7.728	113	41498	44.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.191	98	149974	44.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.489	95	42814	38.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.940%
Target Compounds						
16) Acetone	3.960	43	3453	16.451	ug/l	Qvalue 93

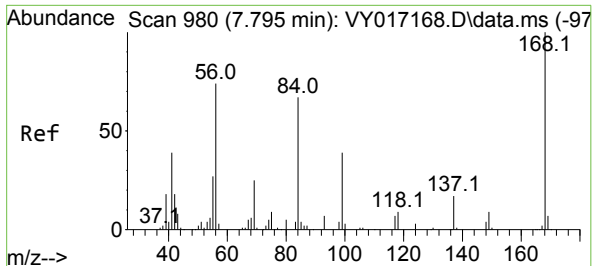
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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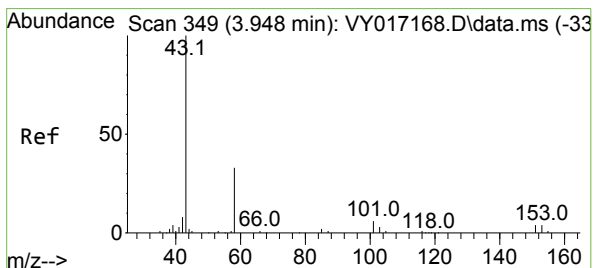
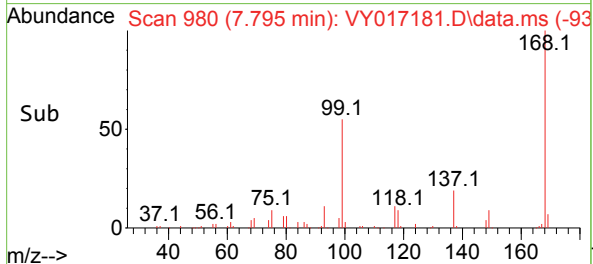
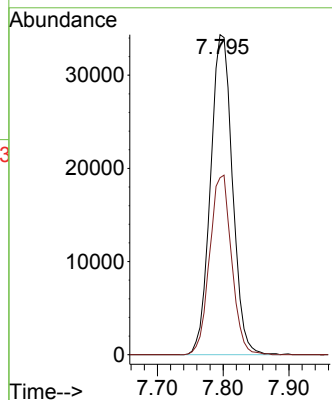
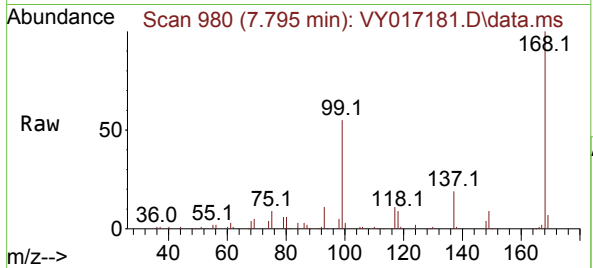




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

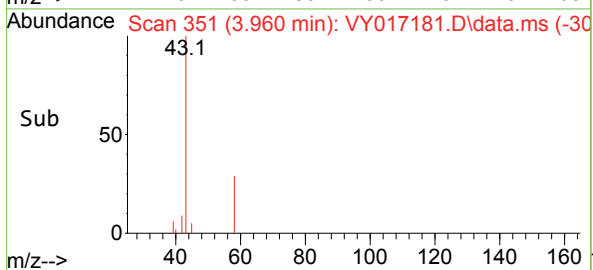
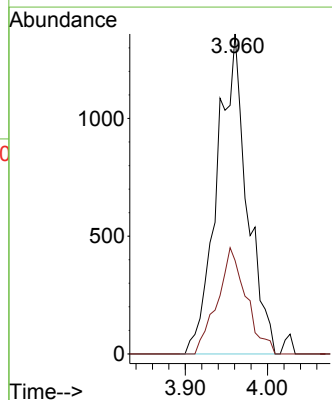
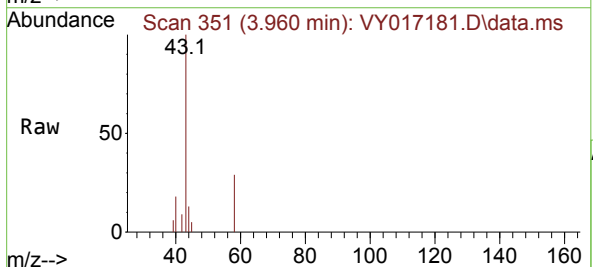
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

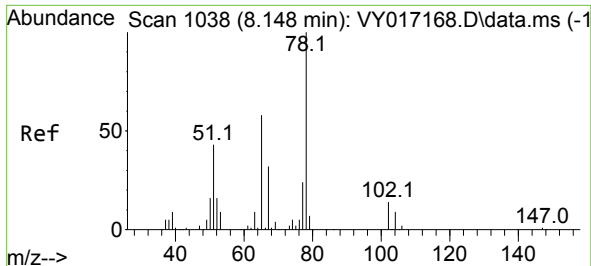
Tgt Ion:168 Resp: 79942
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: 16.451 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 43 Resp: 3453
Ion Ratio Lower Upper
43 100
58 29.2 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 57.056 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

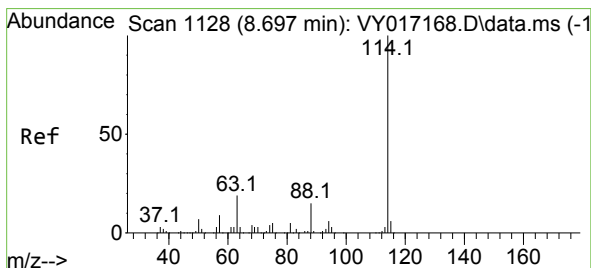
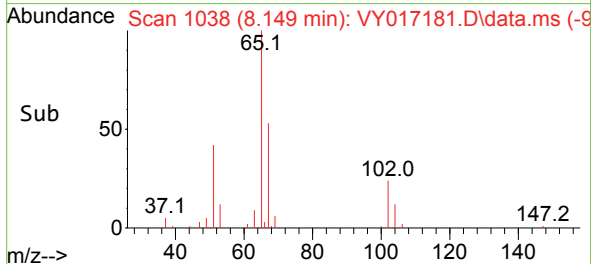
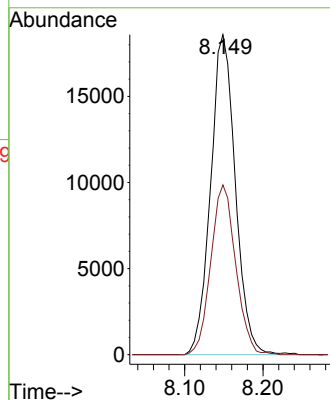
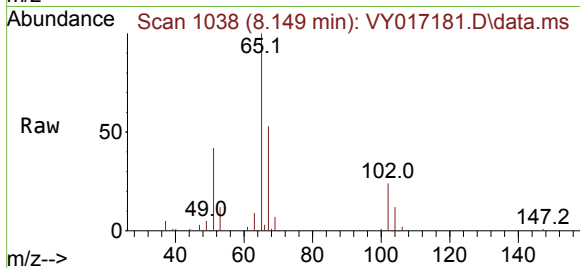
COMP-1

Tgt Ion: 65 Resp: 40747

Ion Ratio Lower Upper

65 100

67 53.4 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: VY017181.D

Acq: 02 Feb 2024 14:04

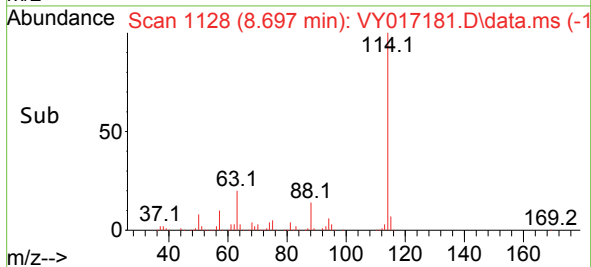
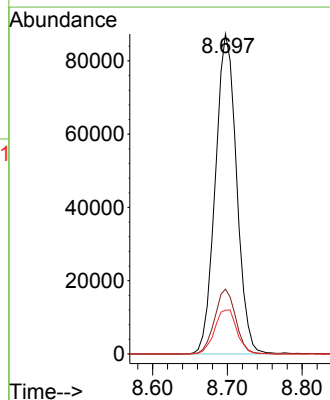
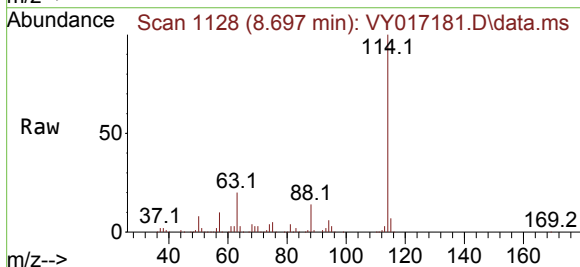
Tgt Ion: 114 Resp: 172805

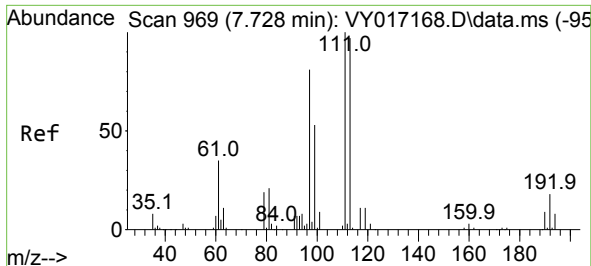
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 13.7 0.0 29.0

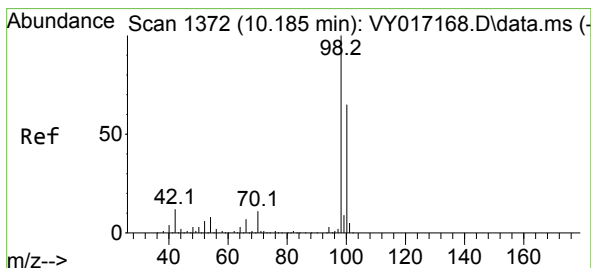
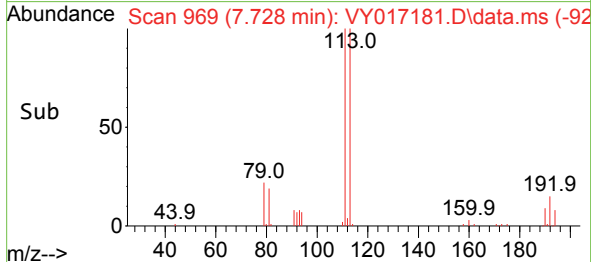
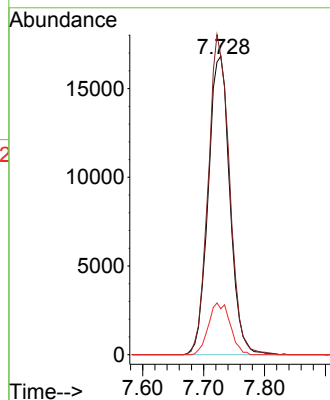
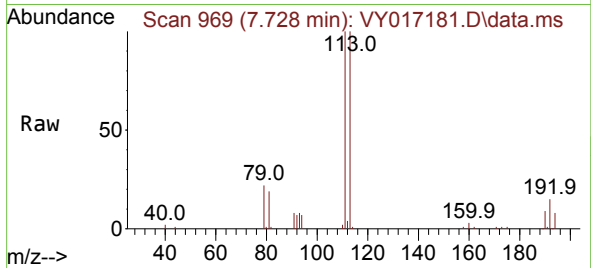




#35
Dibromofluoromethane
Concen: 44.476 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

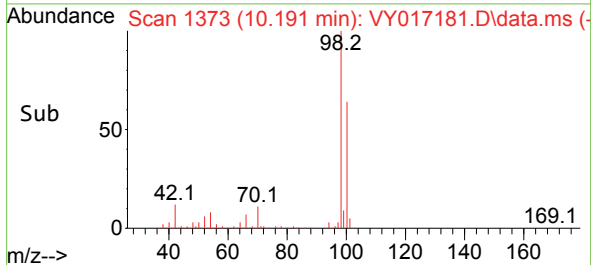
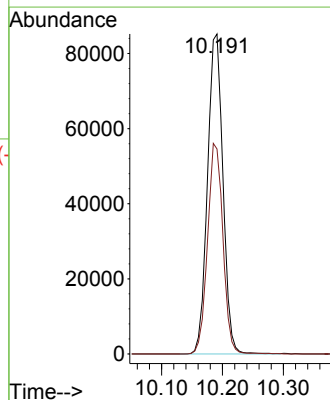
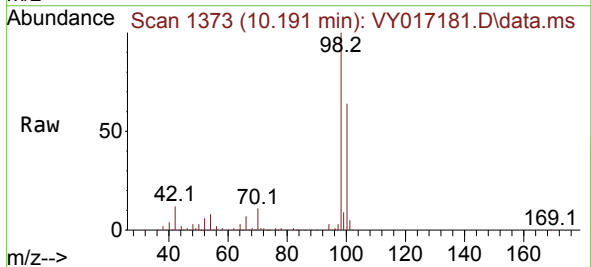
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

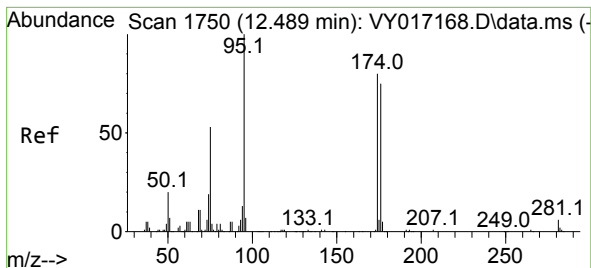
Tgt Ion:113 Resp: 41498
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 44.148 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 98 Resp: 149974
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

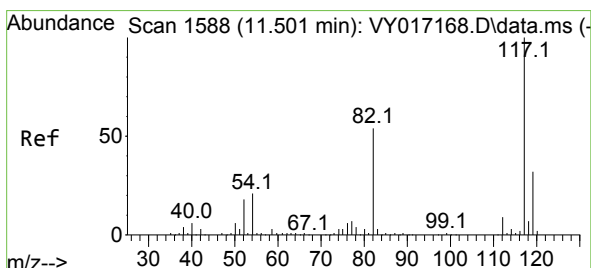
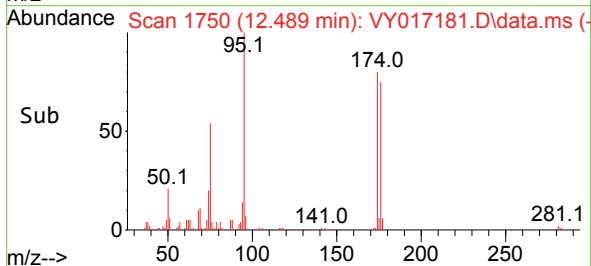
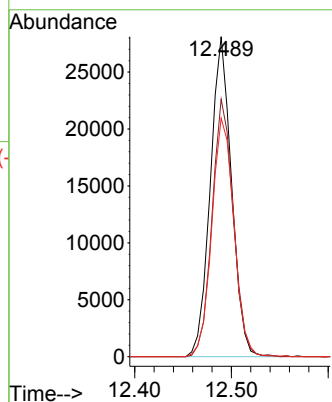
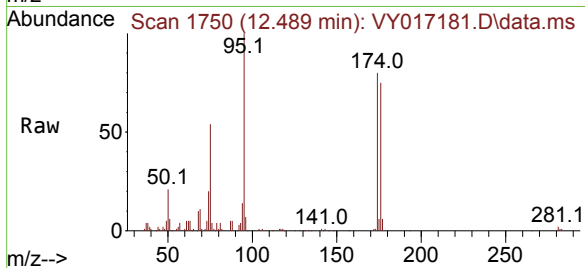




#62
4-Bromofluorobenzene
Concen: 38.473 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

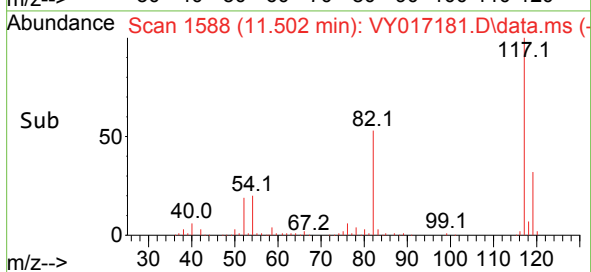
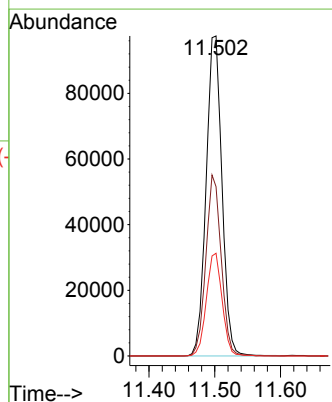
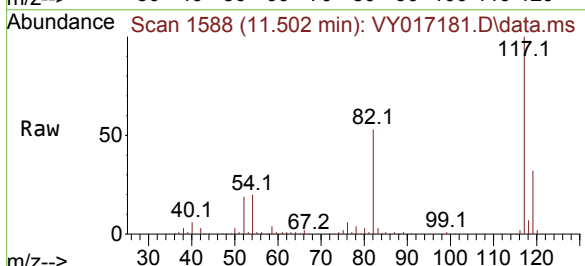
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

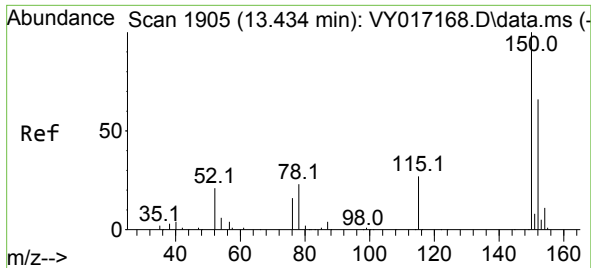
Tgt Ion: 95 Resp: 42814
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

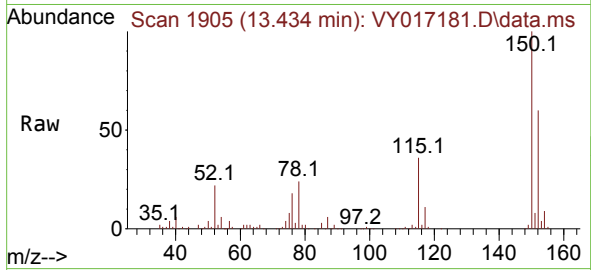
Tgt Ion: 117 Resp: 163188
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017181.D
 Acq: 02 Feb 2024 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion:152 Resp: 48342
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.0 90.0
 150 160.1 0.0 344.6

