

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017189.D
 Acq On : 02 Feb 2024 17:11
 Operator : SY/MD
 Sample : P1311-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 02 22:32:37 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)

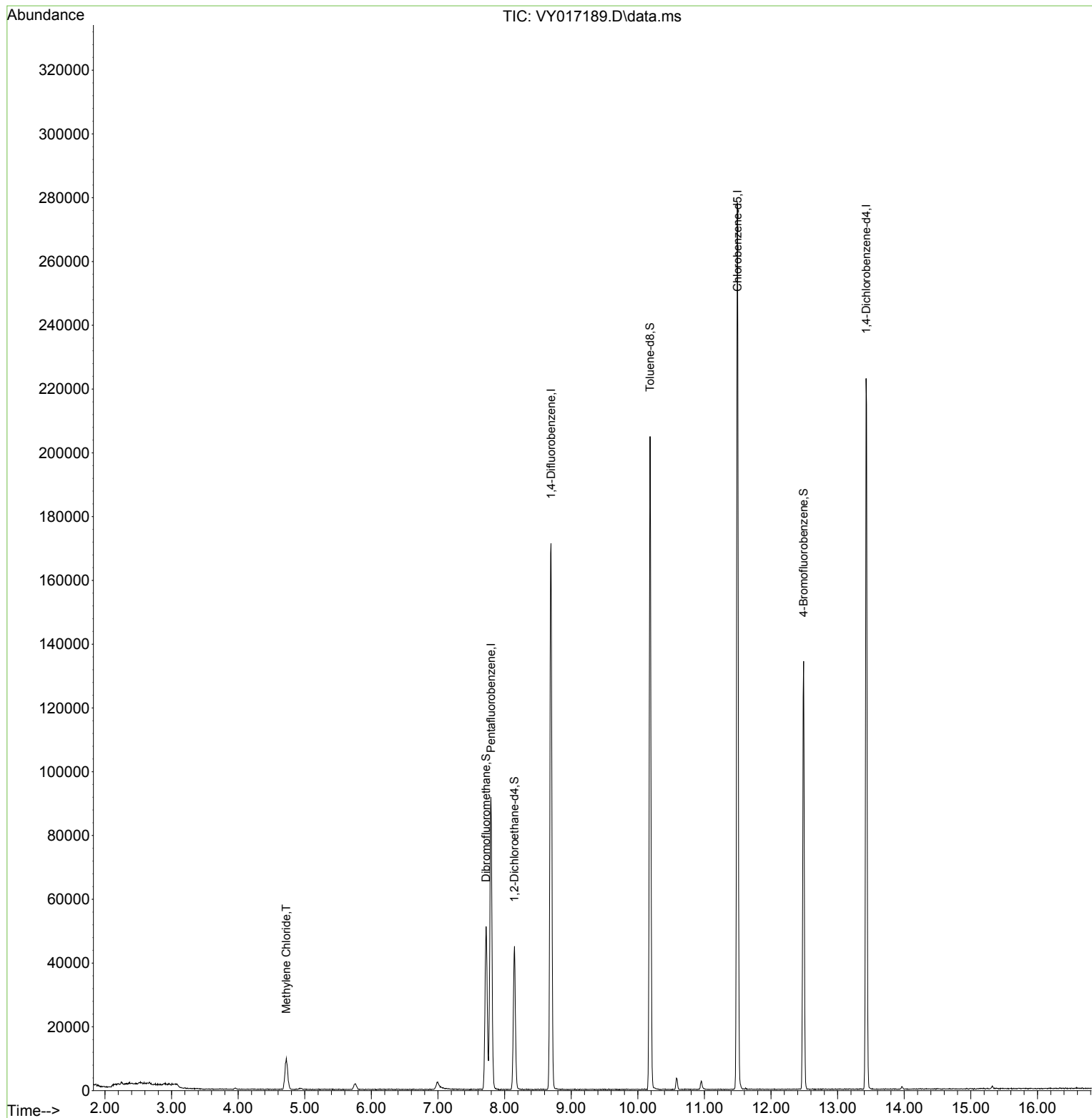
Internal Standards						
1) Pentafluorobenzene	7.795	168	69917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	33681	53.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.840%			
35) Dibromofluoromethane	7.722	113	36070	44.469	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.940%			
50) Toluene-d8	10.185	98	131796	44.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.260%			
62) 4-Bromofluorobenzene	12.489	95	41510	42.907	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.820%			
Target Compounds						
20) Methylene Chloride	4.722	84	7027	6.283	ug/l	98

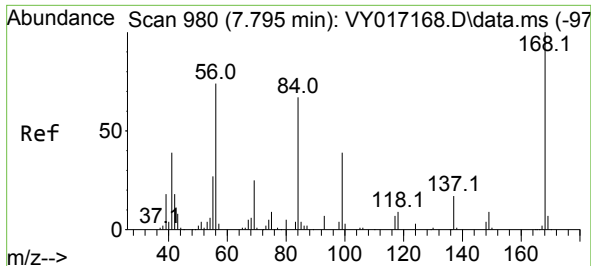
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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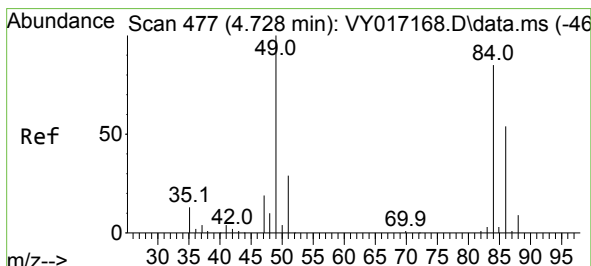
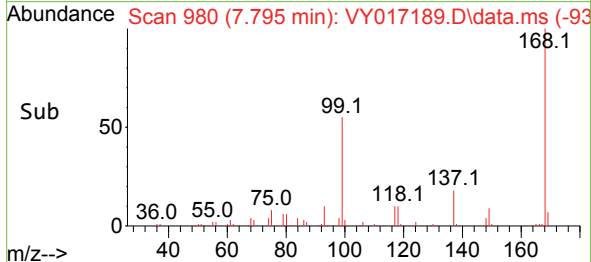
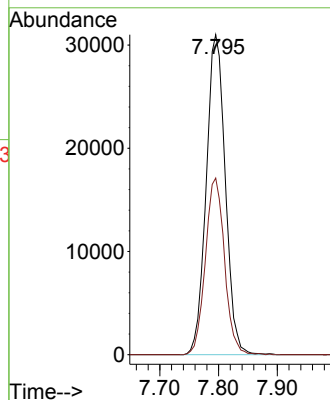
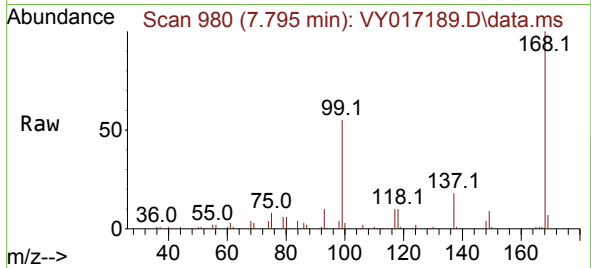




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

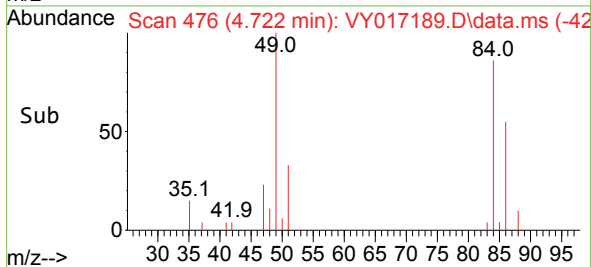
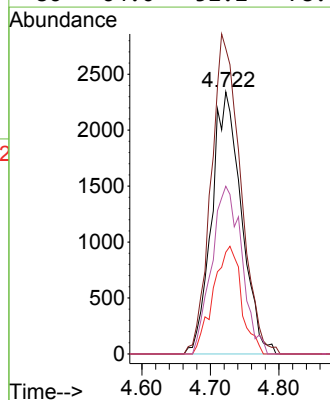
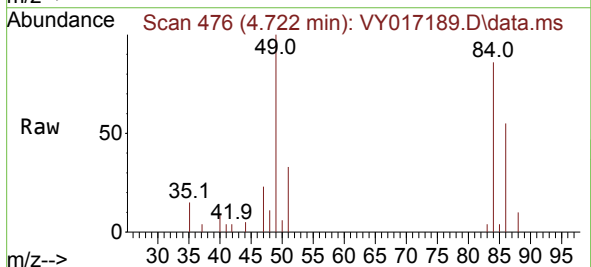
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

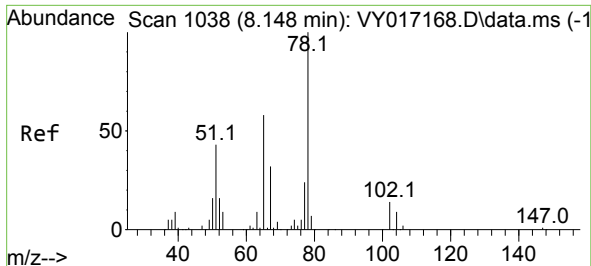
Tgt Ion:168 Resp: 69917
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#20
Methylene Chloride
Concen: 6.283 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 84 Resp: 7027
Ion Ratio Lower Upper
84 100
49 116.5 95.2 142.8
51 38.8 29.9 44.9
86 64.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 53.925 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

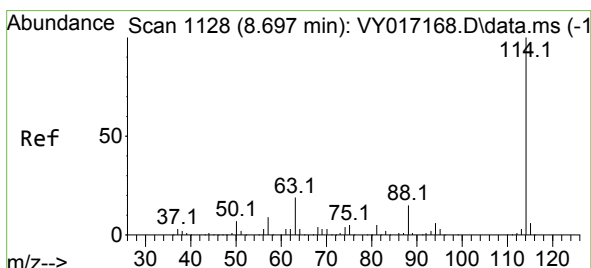
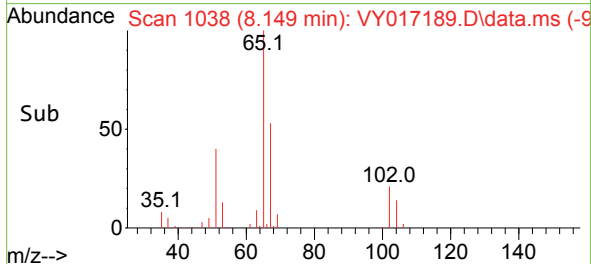
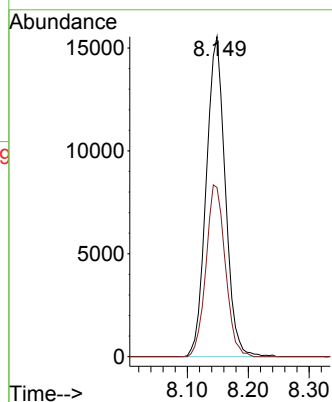
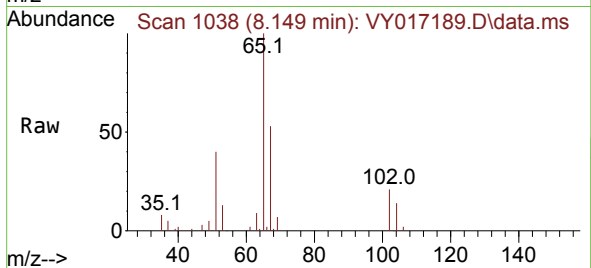
TP-2

Tgt Ion: 65 Resp: 33681

Ion Ratio Lower Upper

65 100

67 54.5 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: VY017189.D

Acq: 02 Feb 2024 17:11

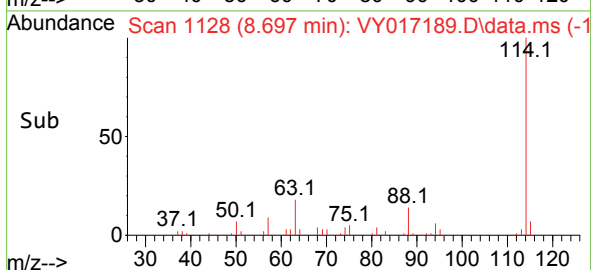
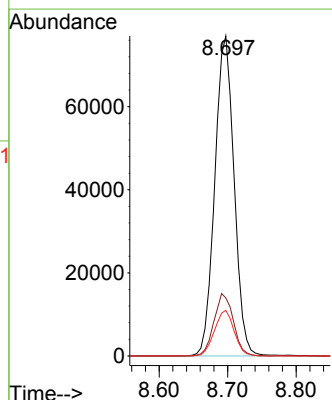
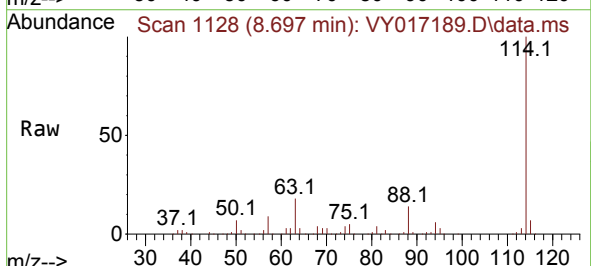
Tgt Ion: 114 Resp: 150228

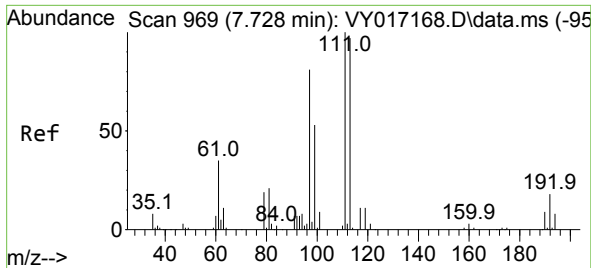
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 14.2 0.0 29.0

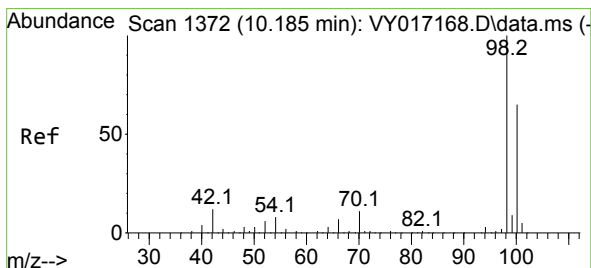
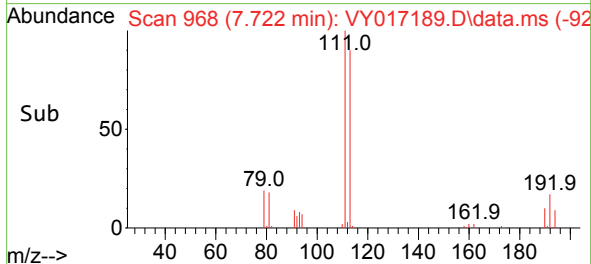
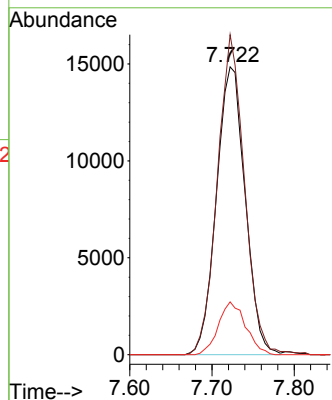
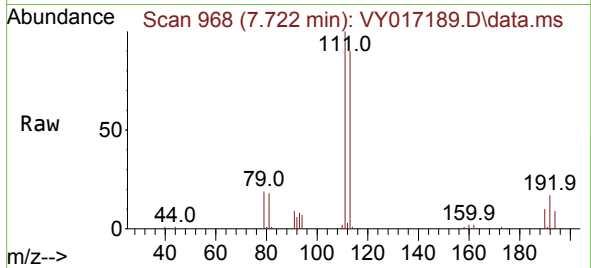




#35
Dibromofluoromethane
Concen: 44.469 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

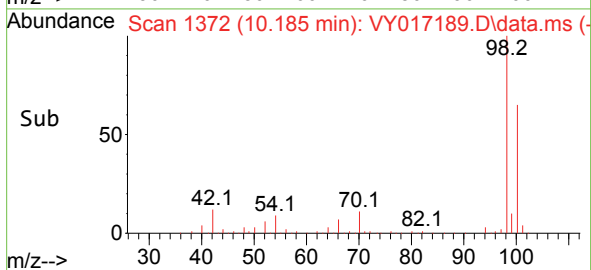
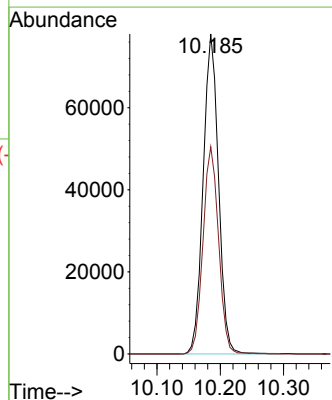
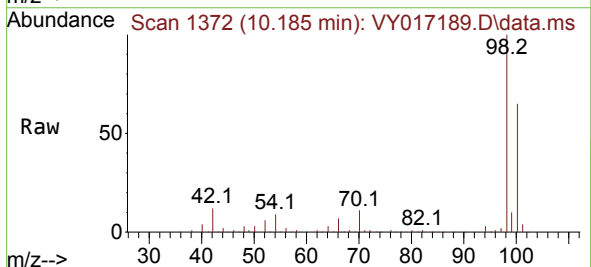
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

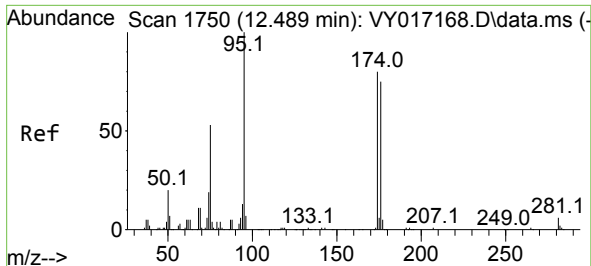
Tgt Ion:113 Resp: 36070
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 98 Resp: 131796
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

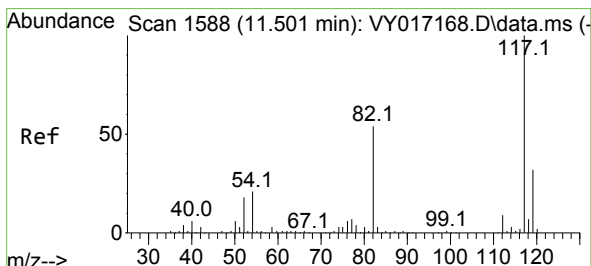
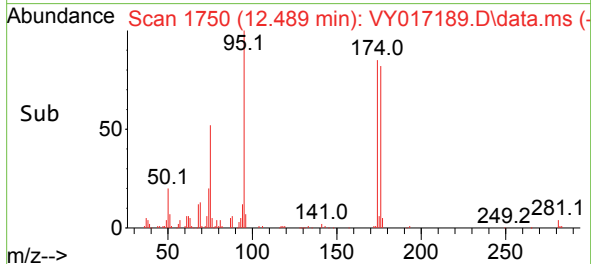
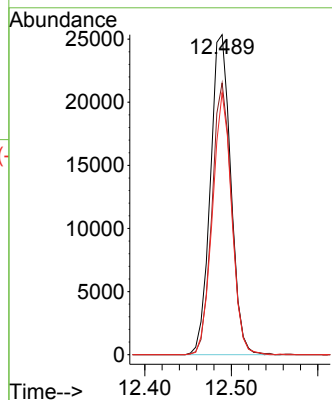
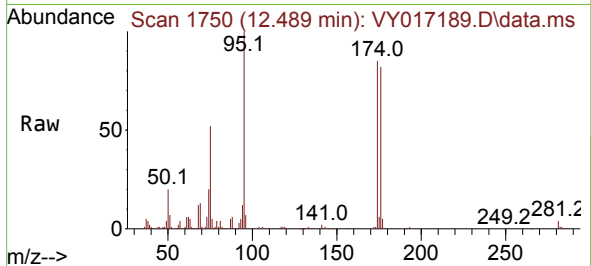




#62
4-Bromofluorobenzene
Concen: 42.907 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

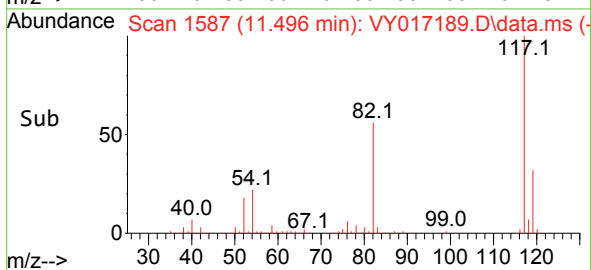
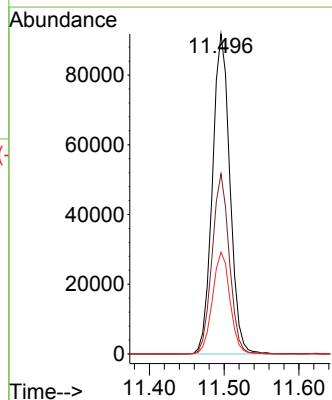
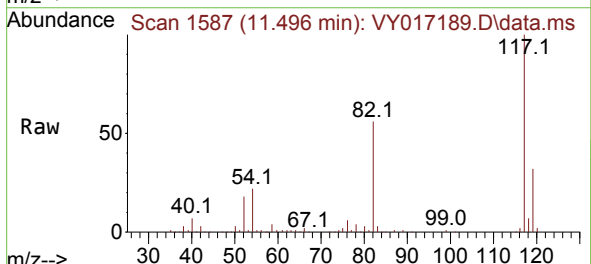
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

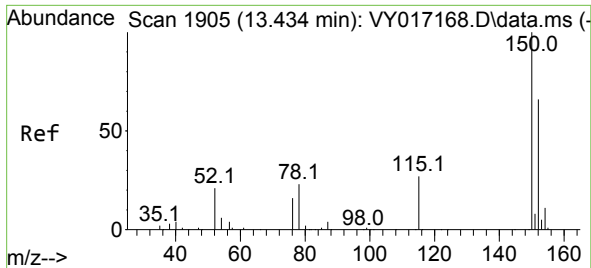
Tgt Ion:	95	Resp:	41510
Ion Ratio	Lower	Upper	
95	100		
174	81.6	0.0	160.0
176	77.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion:	117	Resp:	149881
Ion Ratio	Lower	Upper	
117	100		
82	56.3	43.8	65.8
119	31.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017189.D

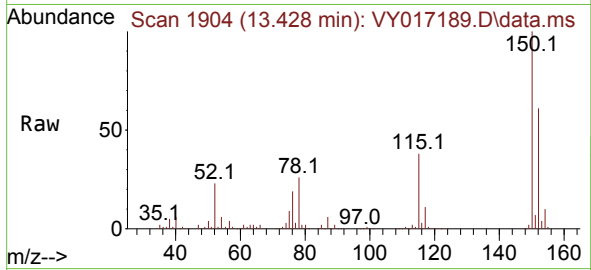
Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2



Tgt Ion:152 Resp: 56332

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 159.1 0.0 344.6

