

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017521.D
 Acq On : 28 Feb 2024 15:13
 Operator : SY/MD
 Sample : P1616-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Feb 28 23:14:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

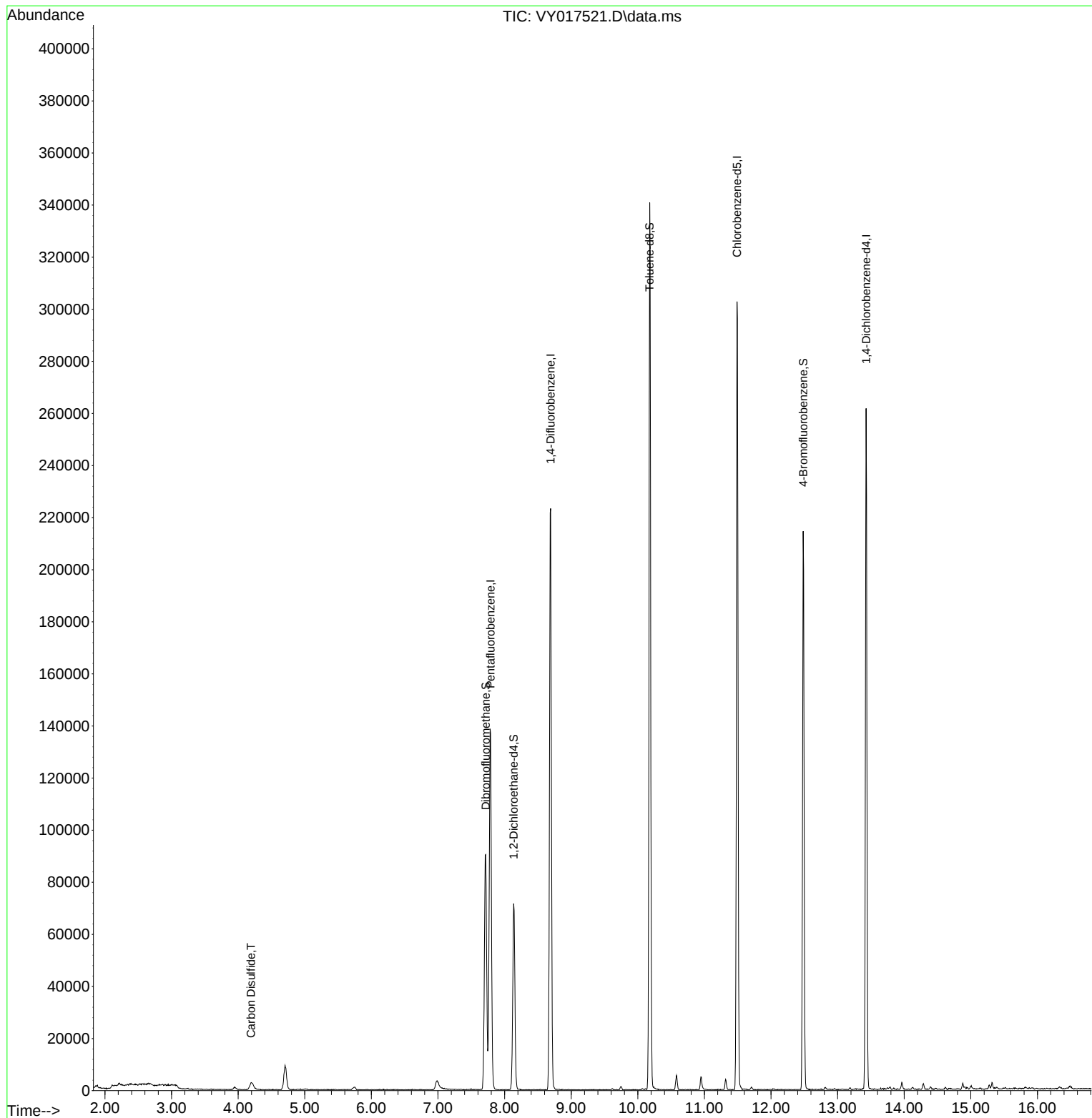
Internal Standards						
1) Pentafluorobenzene	7.789	168	115759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53315	48.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.200%
35) Dibromofluoromethane	7.715	113	66147	46.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.178	98	235486	47.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.483	95	62493	39.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.460%
Target Compounds						
17) Carbon Disulfide	4.192	76	4086	1.245	ug/l	Qvalue # 94

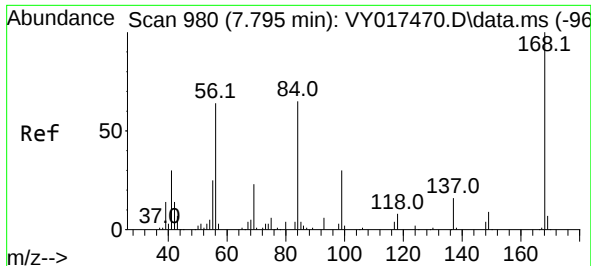
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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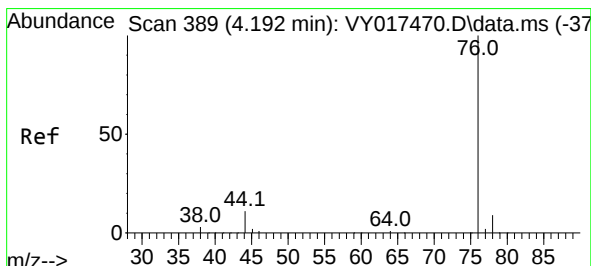
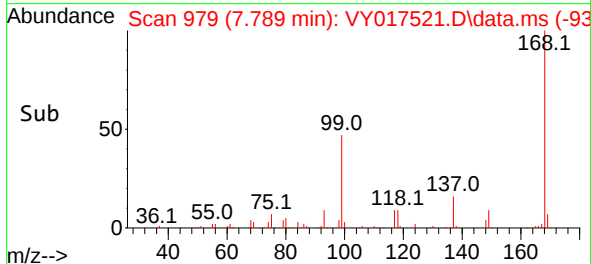
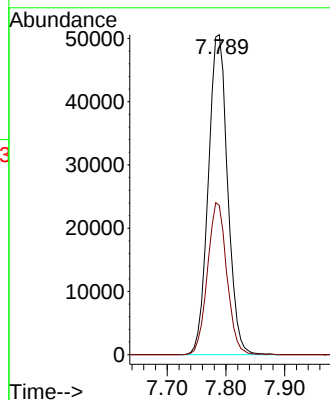
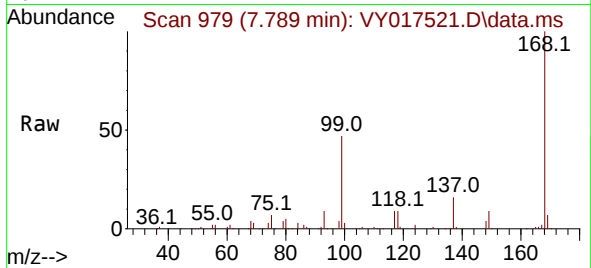




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

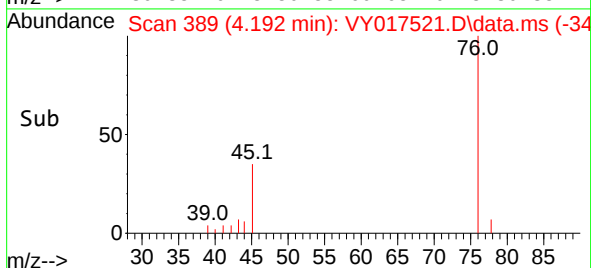
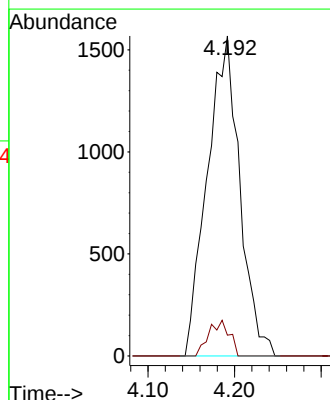
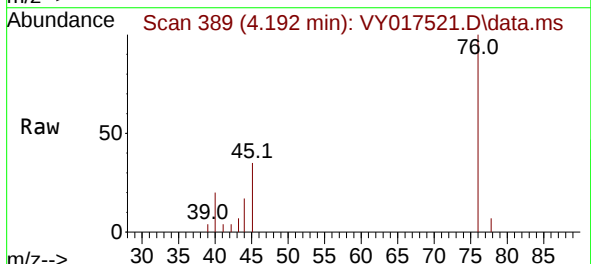
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

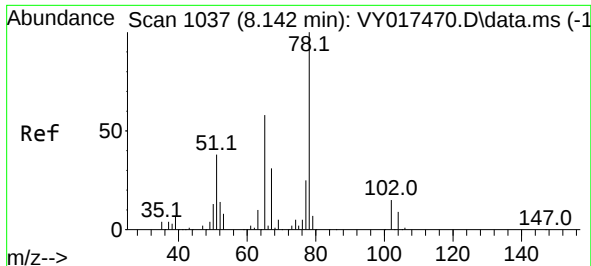
Tgt Ion:168 Resp: 115759
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#17
Carbon Disulfide
Concen: 1.245 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 76 Resp: 4086
Ion Ratio Lower Upper
76 100
78 6.5 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 48.597 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY017521.D

Acq: 28 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

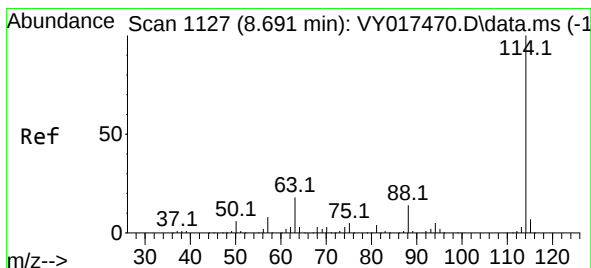
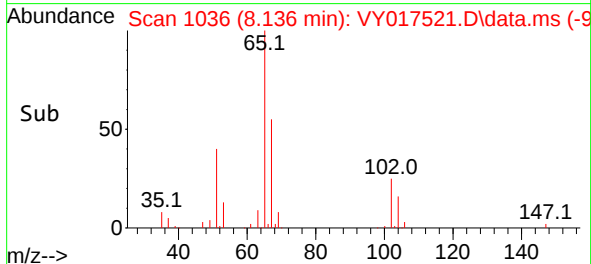
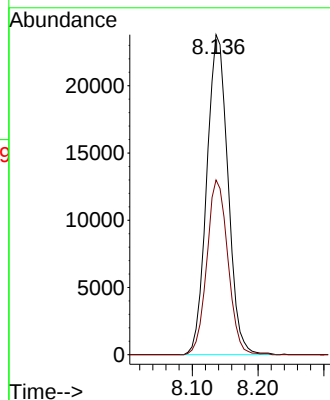
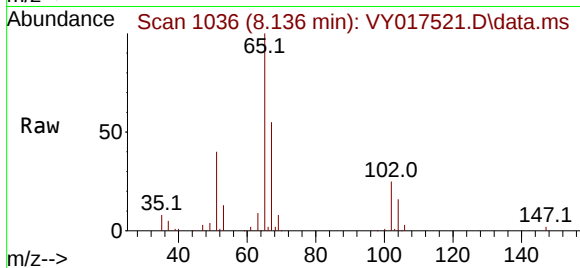
146-BAY-AVENUE

Tgt Ion: 65 Resp: 53315

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017521.D

Acq: 28 Feb 2024 15:13

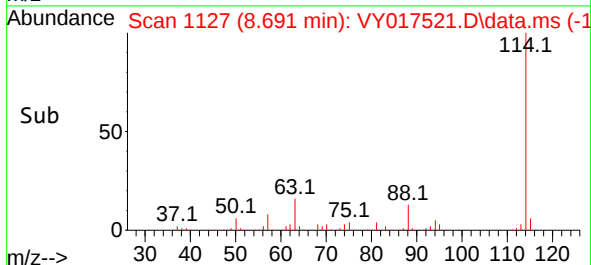
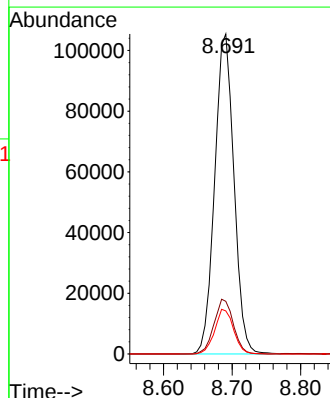
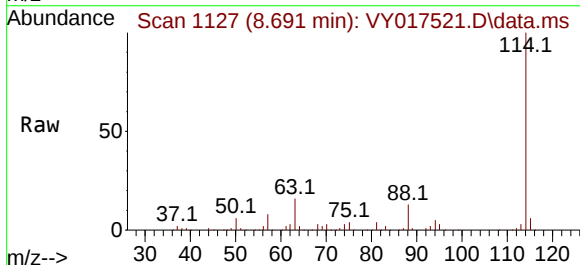
Tgt Ion: 114 Resp: 205414

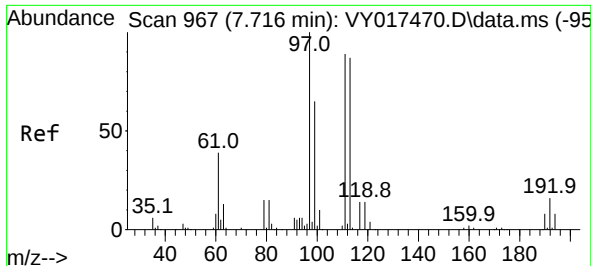
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.4 0.0 27.2

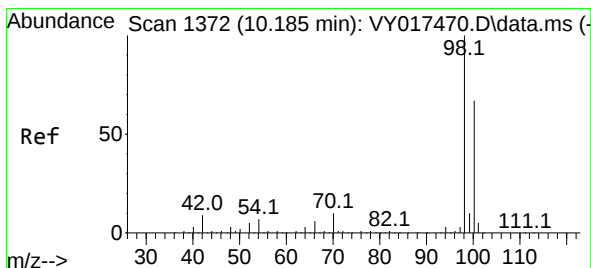
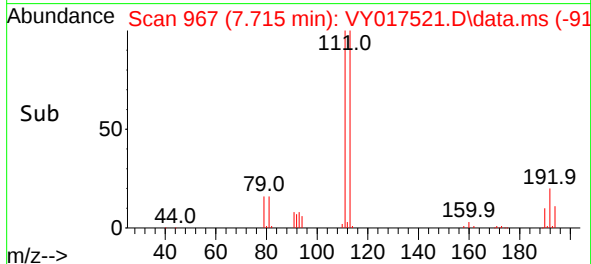
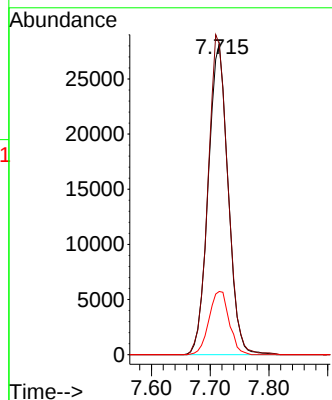
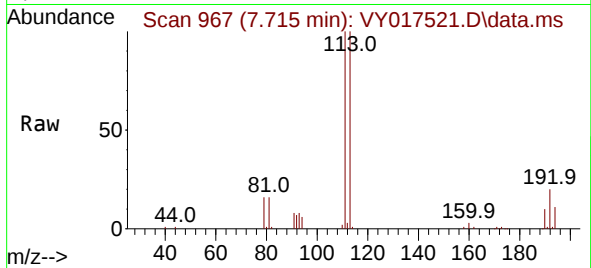




#35
Dibromofluoromethane
Concen: 46.212 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

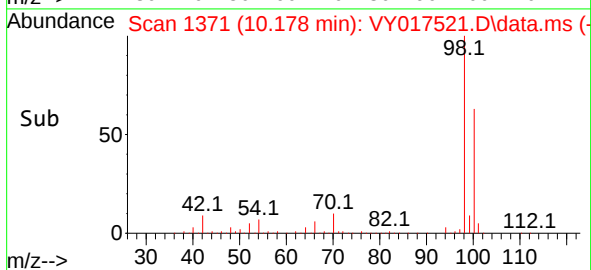
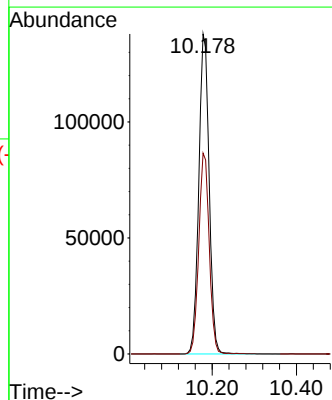
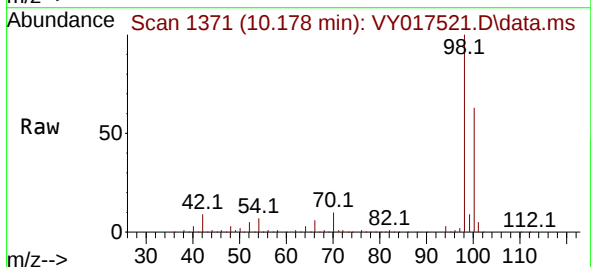
Instrument :
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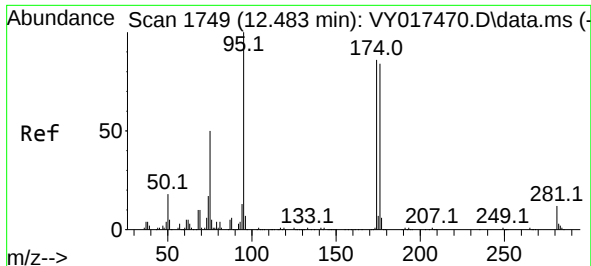
Tgt Ion:113 Resp: 66147
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 47.053 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion: 98 Resp: 235486
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

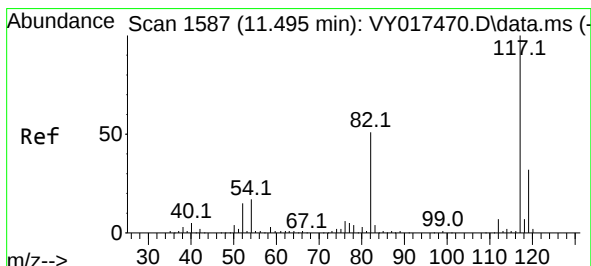
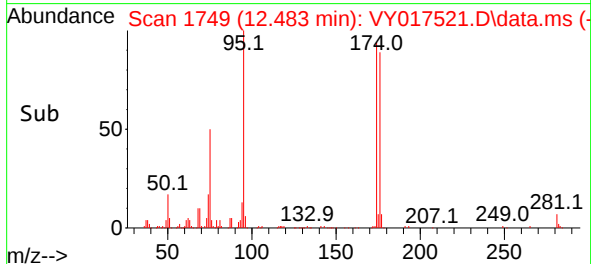
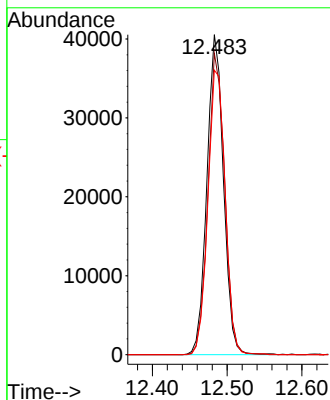
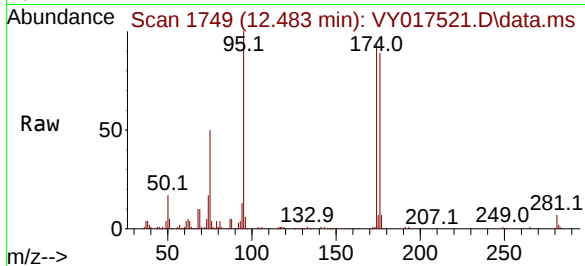




#62
4-Bromofluorobenzene
Concen: 39.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

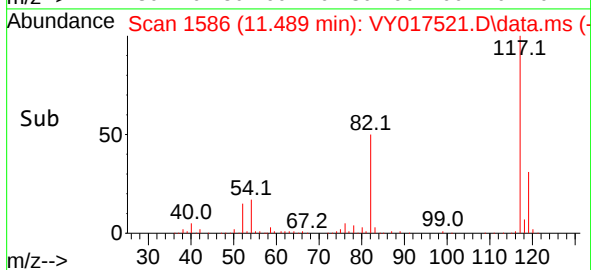
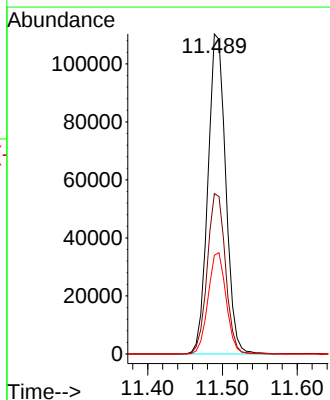
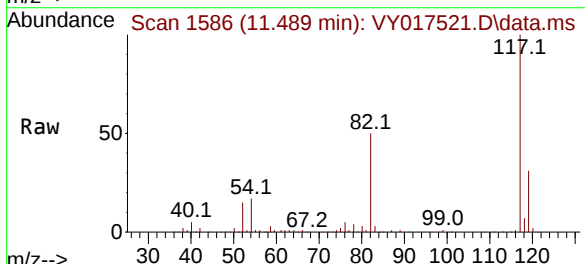
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

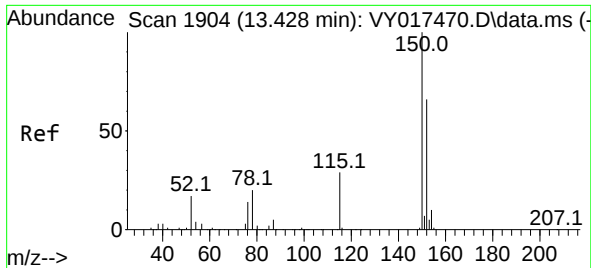
Tgt Ion:	95	Resp:	62493
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	175.6
176	92.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017521.D
Acq: 28 Feb 2024 15:13

Tgt Ion:	117	Resp:	182838
Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.4	63.6
119	30.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017521.D

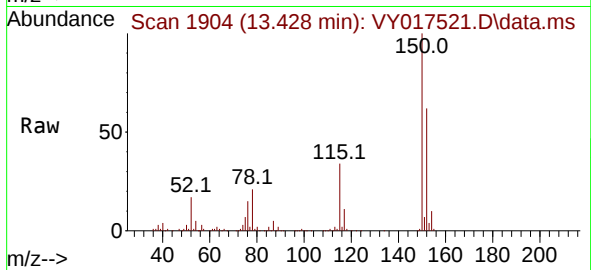
Acq: 28 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE



Tgt Ion:152 Resp: 71178

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 157.4 0.0 345.6

