

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018220.D
 Acq On : 09 May 2024 19:17
 Operator : SY/MD
 Sample : P2432-02
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-011

Quant Time: May 10 01:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

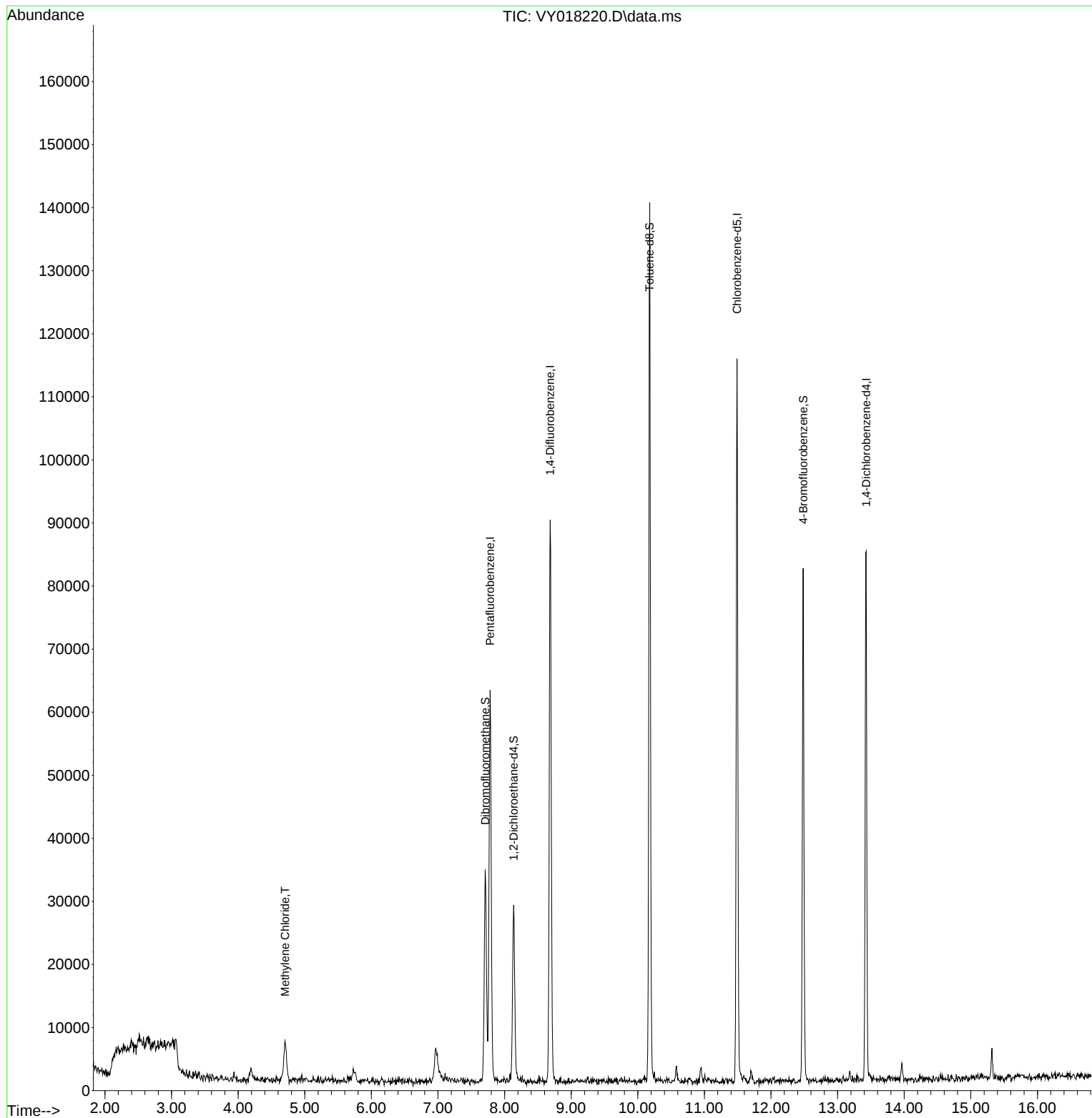
Internal Standards						
1) Pentafluorobenzene	7.783	168	48181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19911	56.174	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.340%	
35) Dibromofluoromethane	7.710	113	23546	53.584	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.160%	
50) Toluene-d8	10.179	98	91103	52.612	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	105.220%	
62) 4-Bromofluorobenzene	12.483	95	24430	43.687	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	87.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	4893	9.787	ug/l	# 87

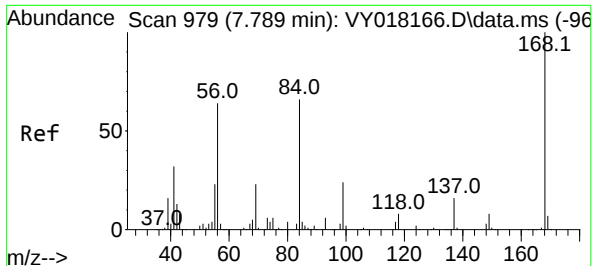
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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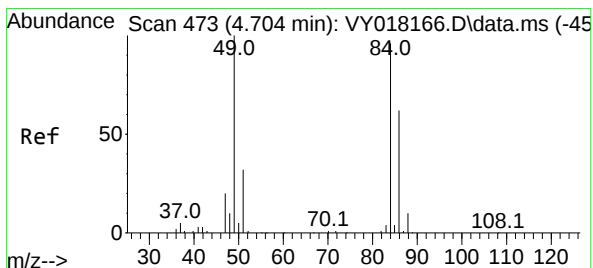
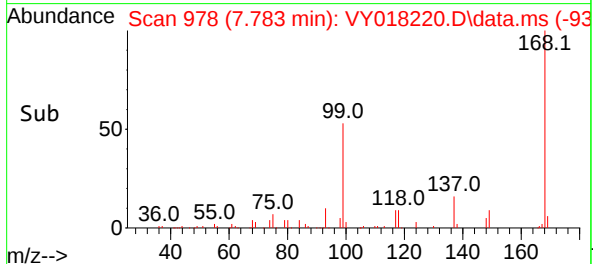
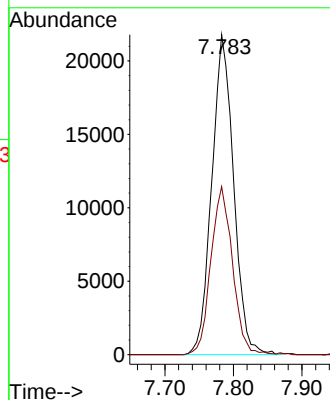
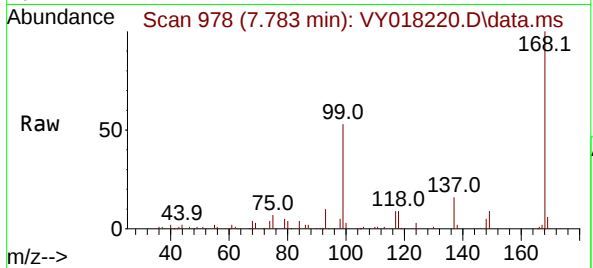




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

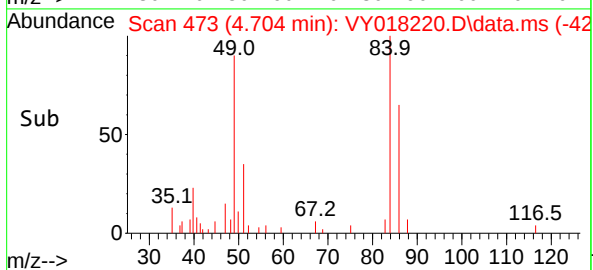
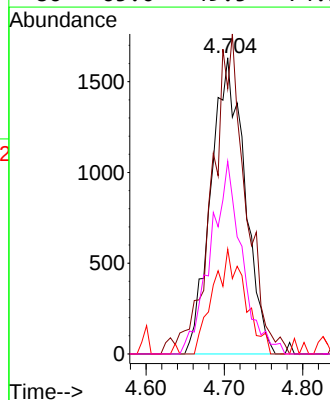
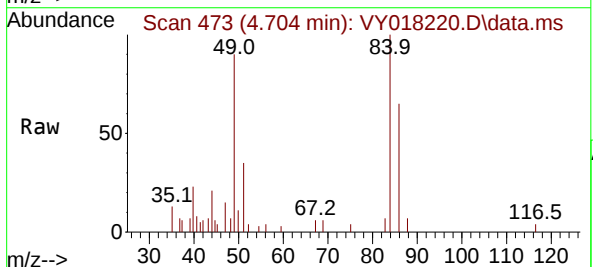
Instrument :
MSVOA_Y
ClientSampleId :
B-01-011

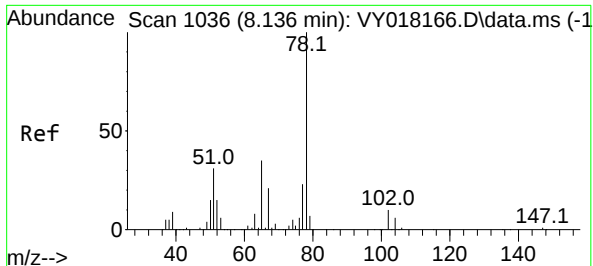
Tgt Ion:168 Resp: 48181
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#20
Methylene Chloride
Concen: 9.787 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 84 Resp: 4893
Ion Ratio Lower Upper
84 100
49 83.9 84.4 126.6#
51 35.4 26.0 39.0
86 65.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.174 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018220.D

Acq: 09 May 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

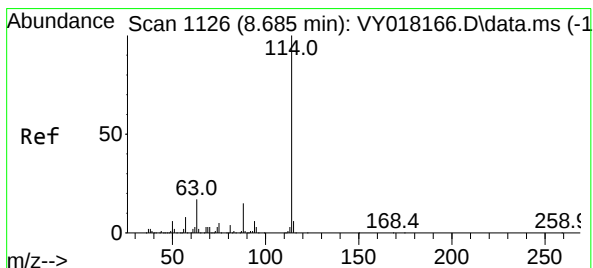
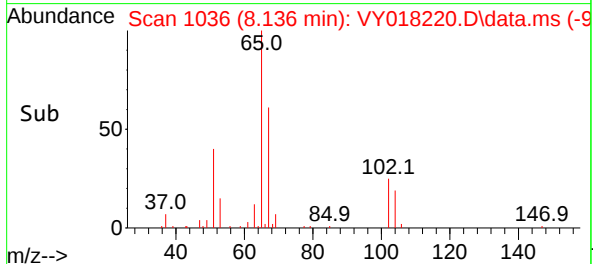
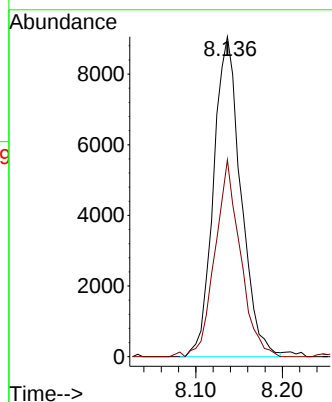
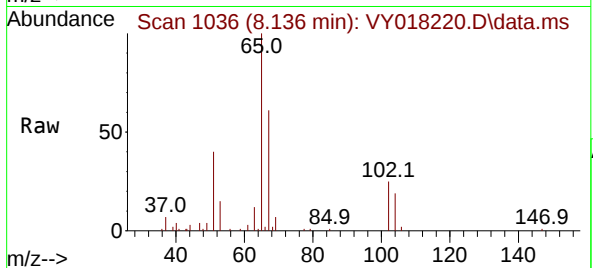
B-01-011

Tgt Ion: 65 Resp: 19911

Ion Ratio Lower Upper

65 100

67 57.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018220.D

Acq: 09 May 2024 19:17

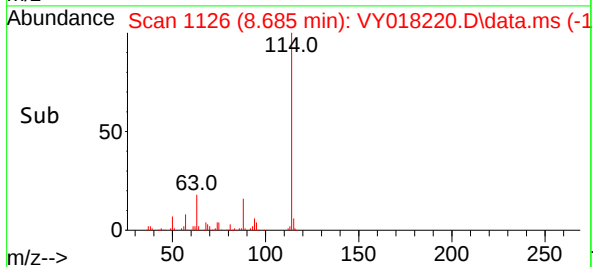
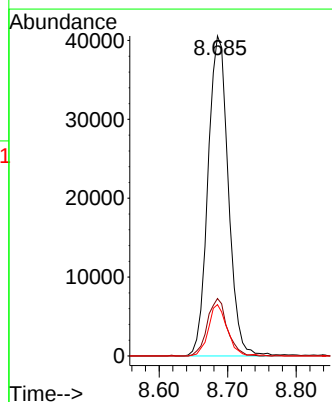
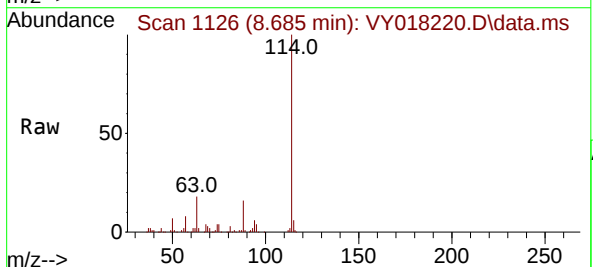
Tgt Ion: 114 Resp: 83612

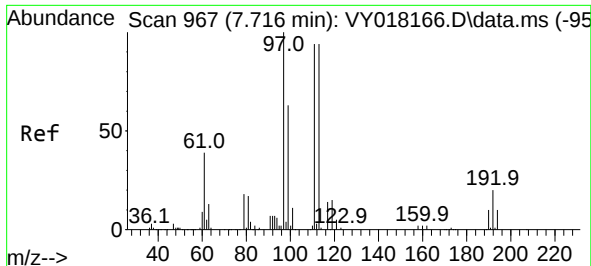
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 16.0 0.0 27.2

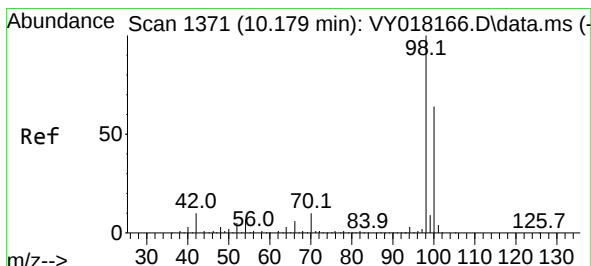
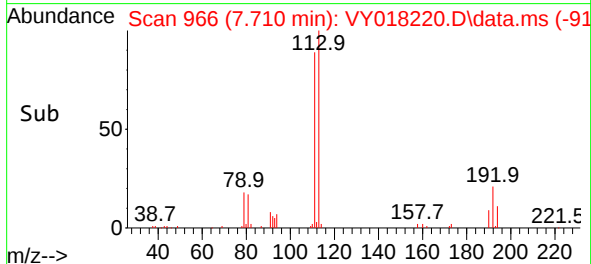
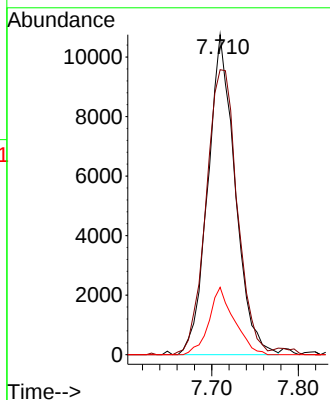
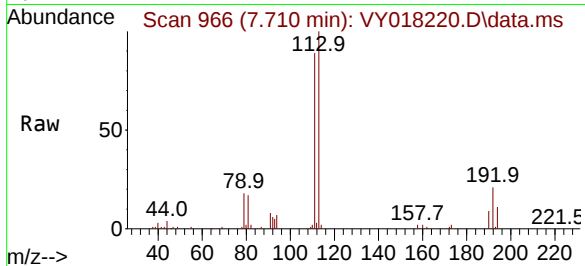




#35
Dibromofluoromethane
Concen: 53.584 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

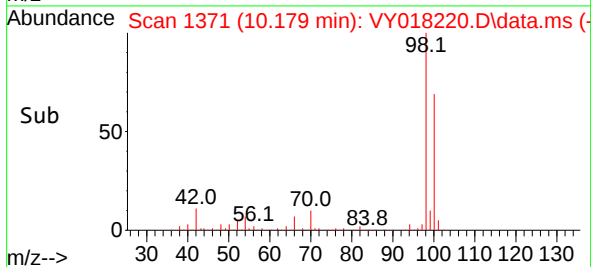
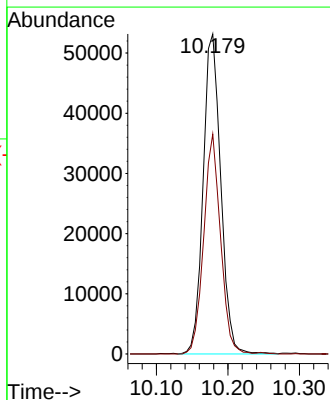
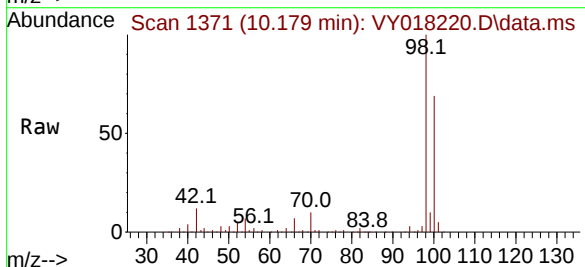
Instrument :
MSVOA_Y
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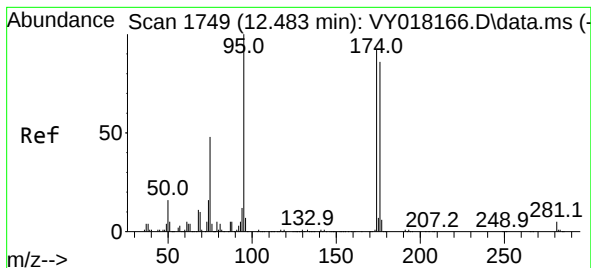
Tgt Ion:113 Resp: 23546
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 52.612 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 98 Resp: 91103
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

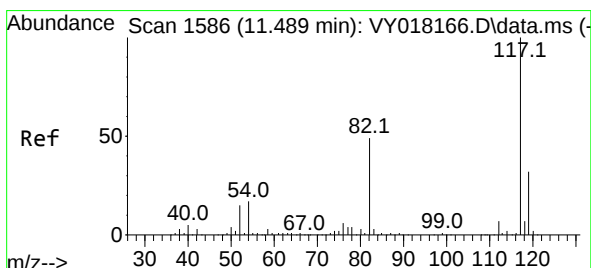
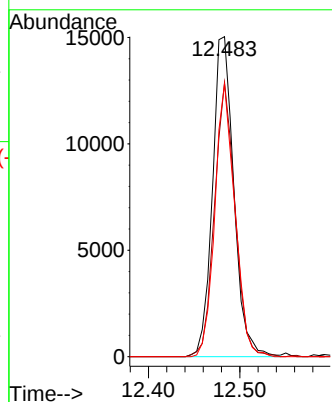
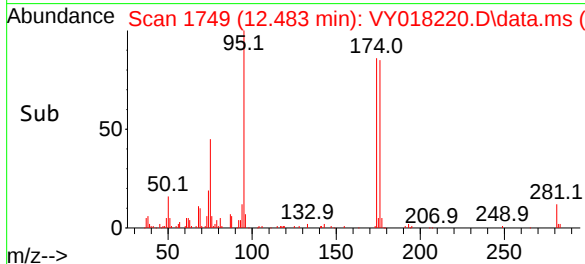
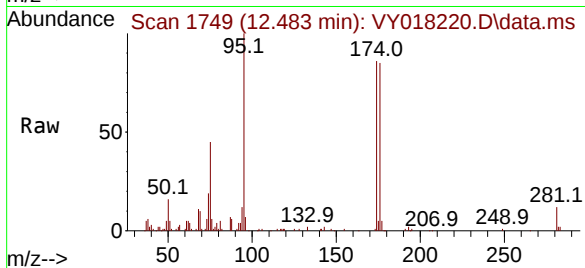




#62
4-Bromofluorobenzene
Concen: 43.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

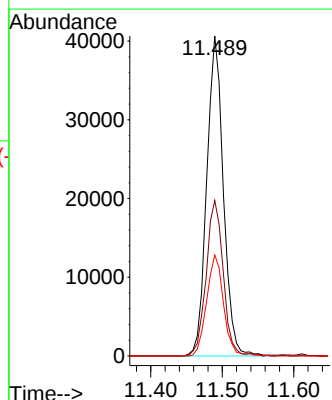
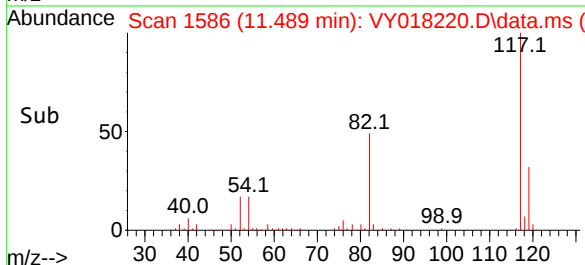
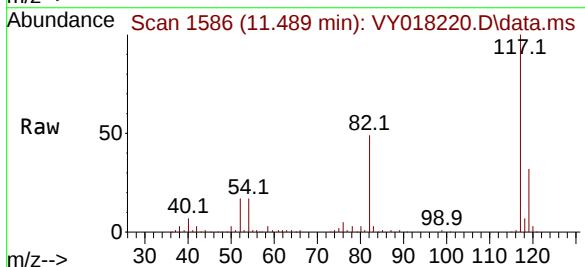
Instrument :
MSVOA_Y
ClientSampleId :
B-01-011

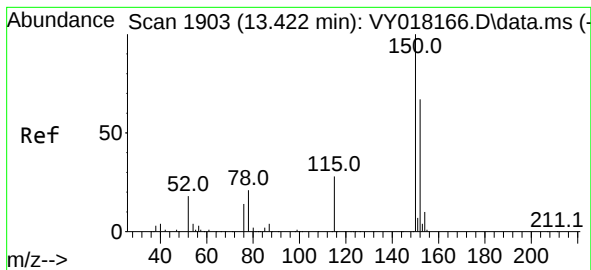
Tgt Ion: 95 Resp: 24430
Ion Ratio Lower Upper
95 100
174 82.5 0.0 175.6
176 80.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 117 Resp: 65789
Ion Ratio Lower Upper
117 100
82 48.6 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018220.D

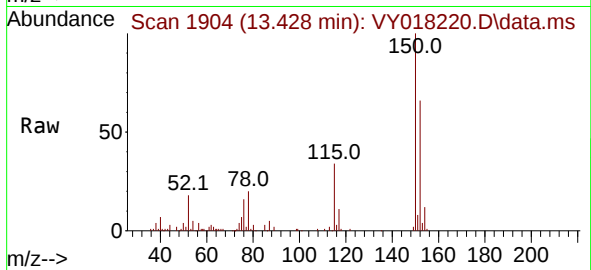
Acq: 09 May 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

B-01-011



Tgt Ion:152 Resp: 22669

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 160.0 0.0 345.6

