

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018221.D
 Acq On : 09 May 2024 19:41
 Operator : SY/MD
 Sample : P2432-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-02-011

Quant Time: May 10 01:22:59 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)

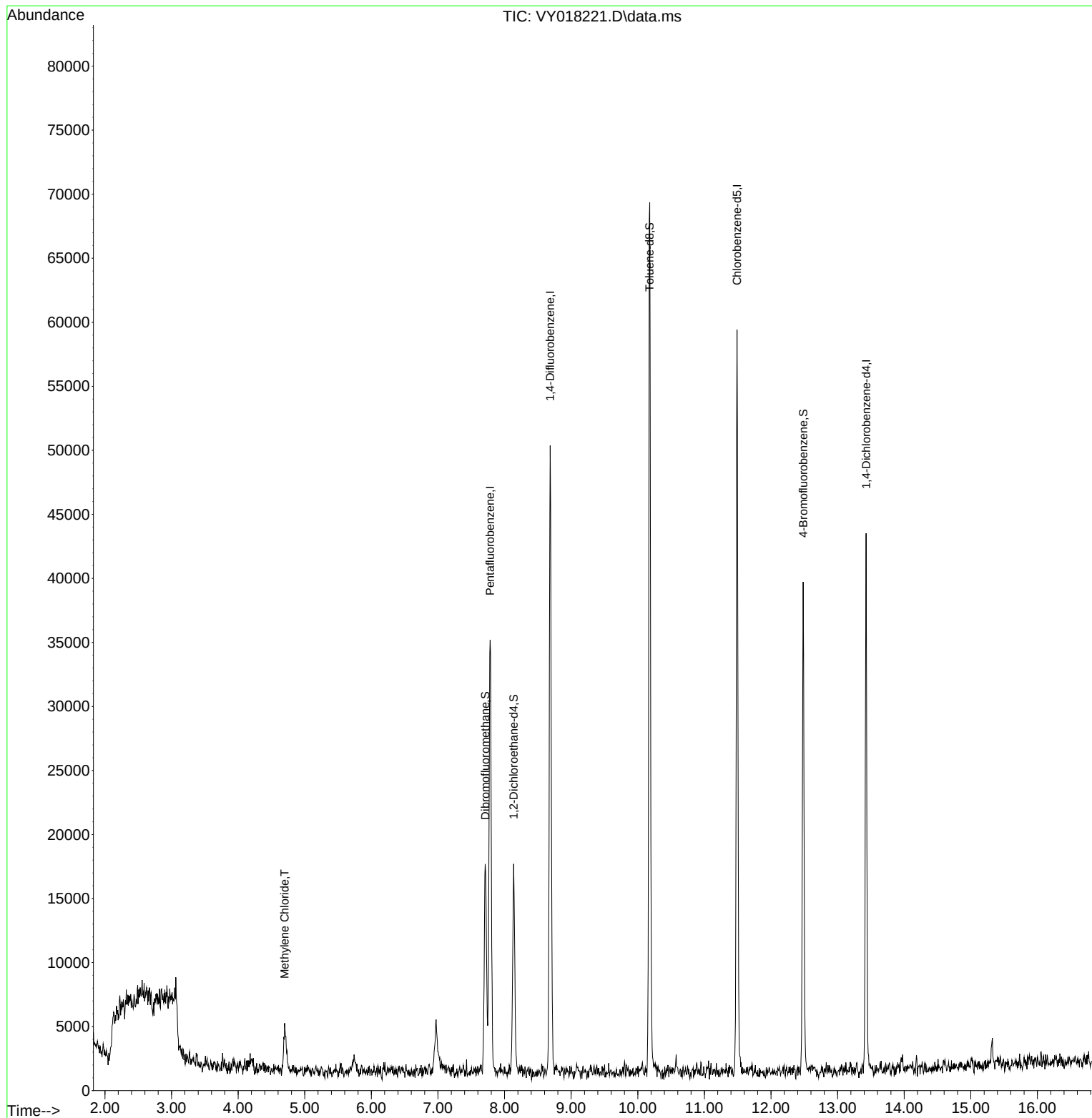
Internal Standards						
1) Pentafluorobenzene	7.783	168	26428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	44145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10963	56.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.780%
35) Dibromofluoromethane	7.710	113	11877	51.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.179	98	48268	52.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.483	95	11763	39.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.680%
Target Compounds						
20) Methylene Chloride	4.698	84	2682	9.780	ug/l	97

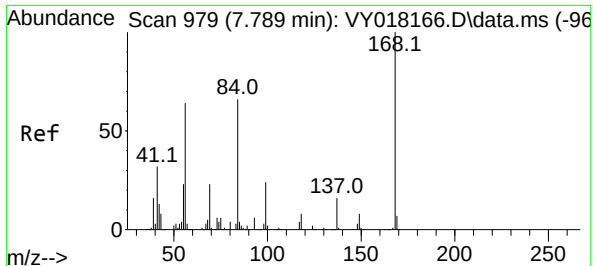
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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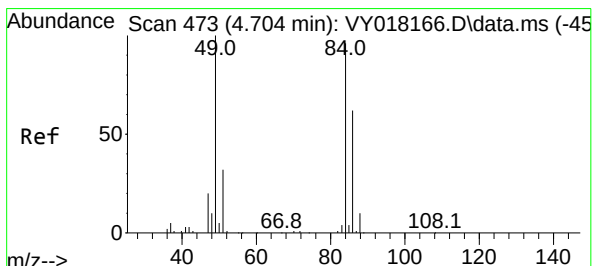
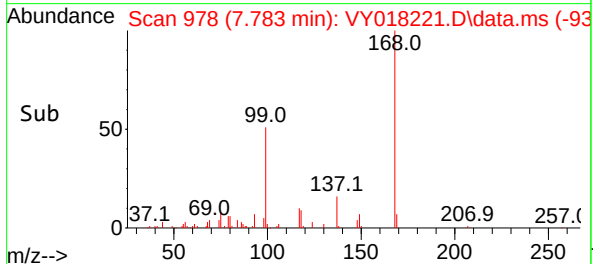
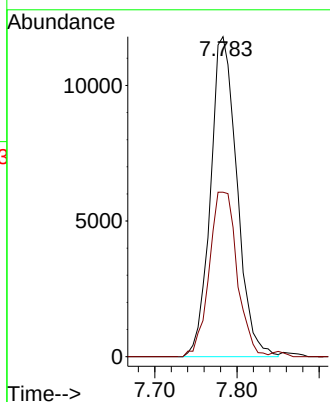
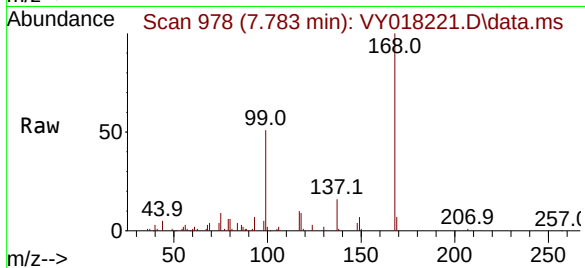




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

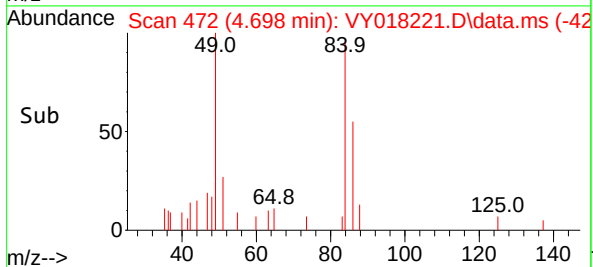
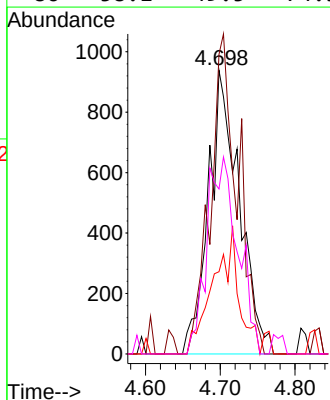
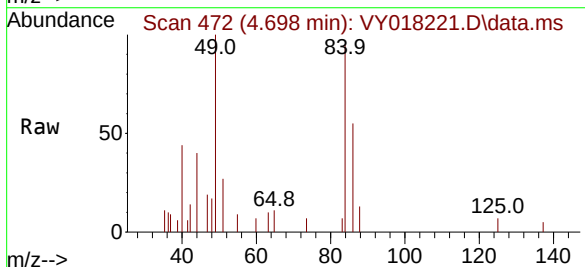
Instrument :
MSVOA_Y
ClientSampleId :
B-02-011

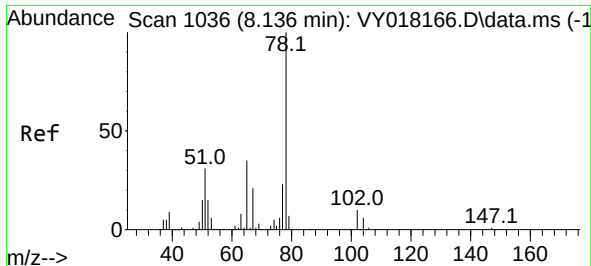
Tgt Ion:168 Resp: 26428
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#20
Methylene Chloride
Concen: 9.780 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

Tgt Ion: 84 Resp: 2682
Ion Ratio Lower Upper
84 100
49 105.6 84.4 126.6
51 29.0 26.0 39.0
86 58.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.387 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018221.D

Acq: 09 May 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

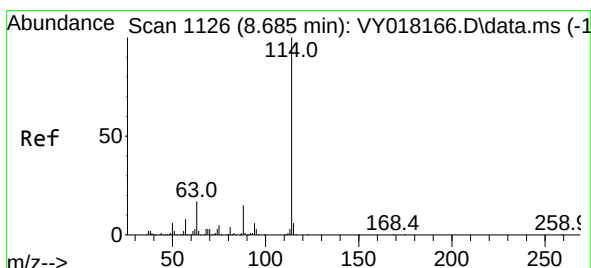
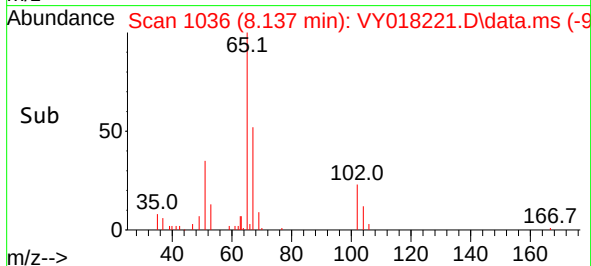
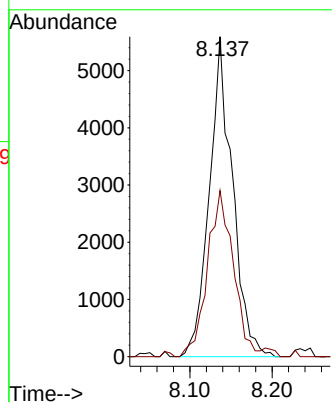
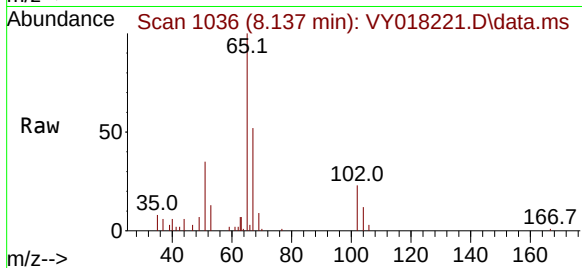
B-02-011

Tgt Ion: 65 Resp: 10963

Ion Ratio Lower Upper

65 100

67 57.9 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: VY018221.D

Acq: 09 May 2024 19:41

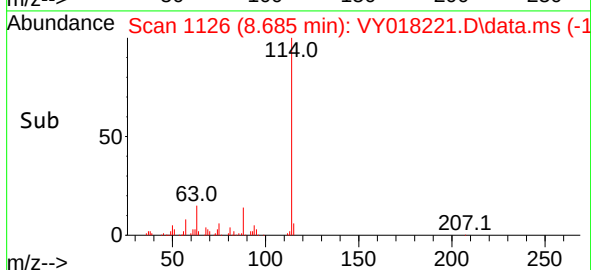
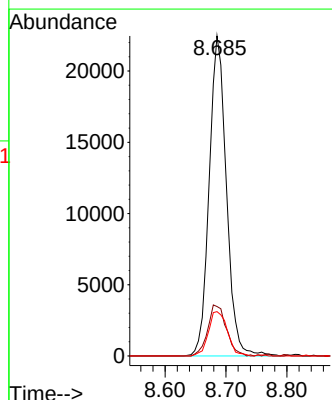
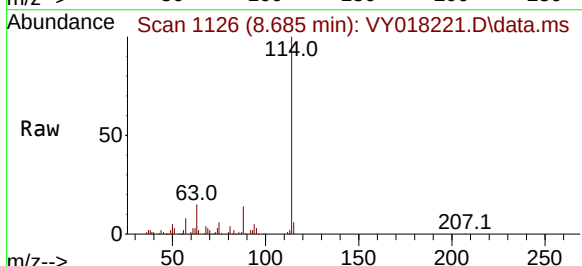
Tgt Ion: 114 Resp: 44145

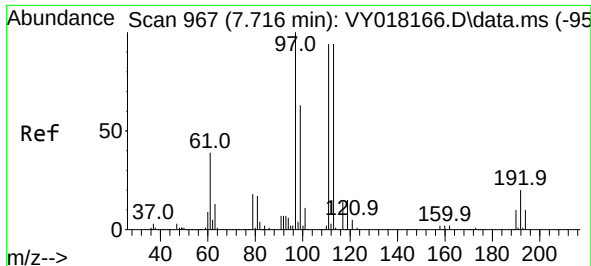
Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.0

88 13.8 0.0 27.2

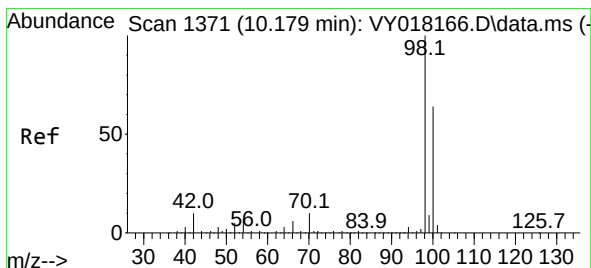
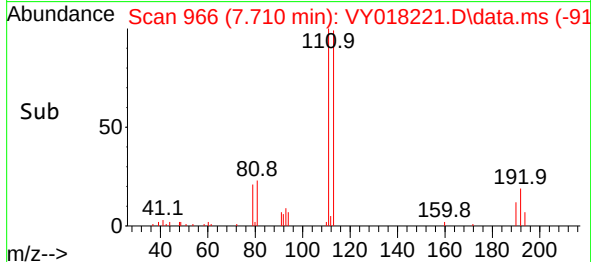
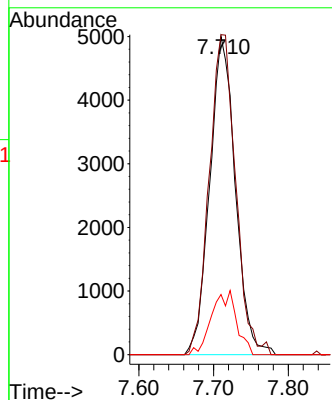
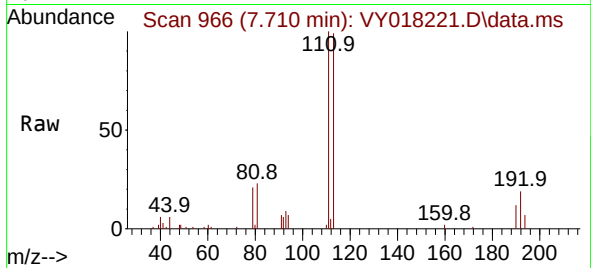




#35
Dibromofluoromethane
Concen: 51.193 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

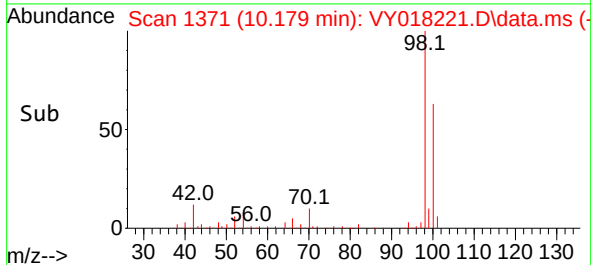
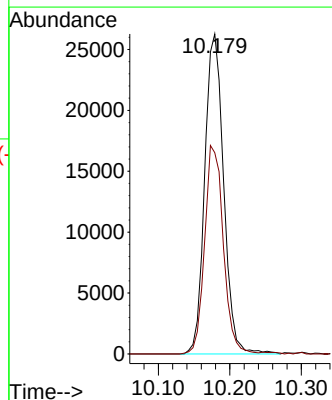
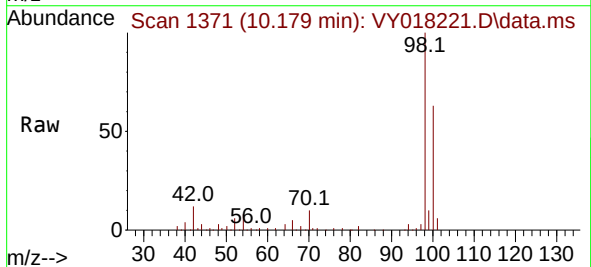
Instrument :
MSVOA_Y
ClientSampleId :
B-02-011

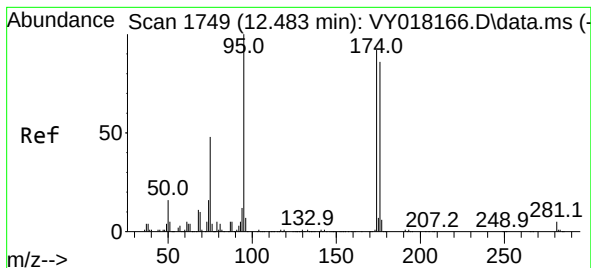
Tgt Ion:113 Resp: 11877
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 52.796 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

Tgt Ion: 98 Resp: 48268
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

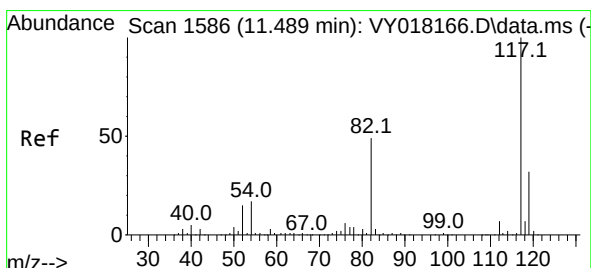
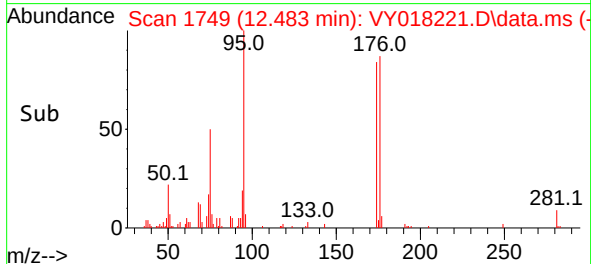
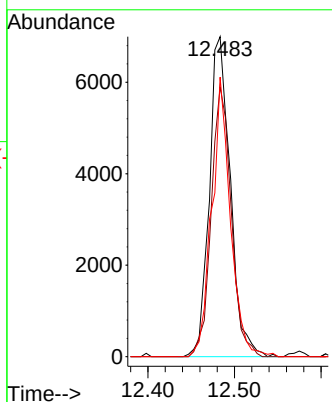
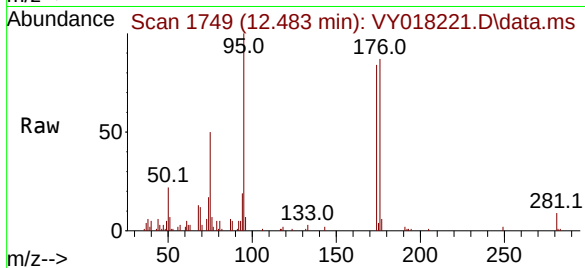




#62
4-Bromofluorobenzene
Concen: 39.842 ug/l
RT: 12.483 min Scan# 11763
Delta R.T. 0.000 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

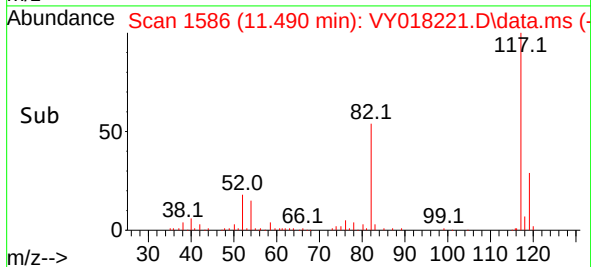
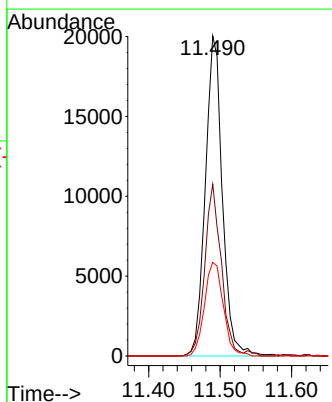
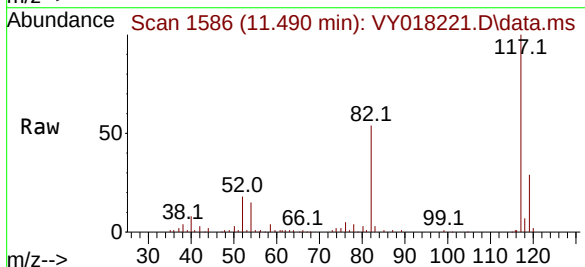
Instrument :
MSVOA_Y
ClientSampleId :
B-02-011

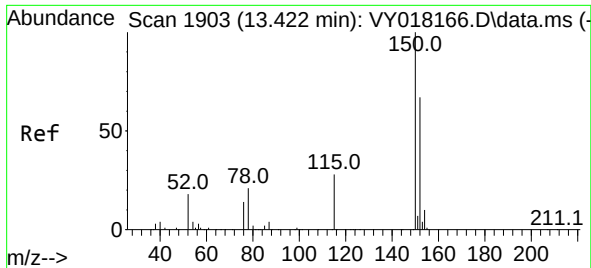
Tgt Ion:	95	Resp:	11763
Ion Ratio	Lower	Upper	
95	100		
174	80.7	0.0	175.6
176	77.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018221.D
Acq: 09 May 2024 19:41

Tgt Ion:	117	Resp:	33190
Ion Ratio	Lower	Upper	
117	100		
82	53.7	42.4	63.6
119	29.3	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: VY018221.D

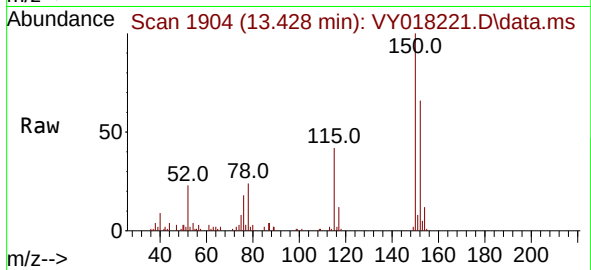
Acq: 09 May 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

B-02-011



Tgt Ion:152 Resp: 10408

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 150.9 0.0 345.6

