

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018278.D
 Acq On : 15 May 2024 17:26
 Operator : SY/MD
 Sample : P2474-02
 Misc : 3.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB01

Quant Time: May 16 03:08:57 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)

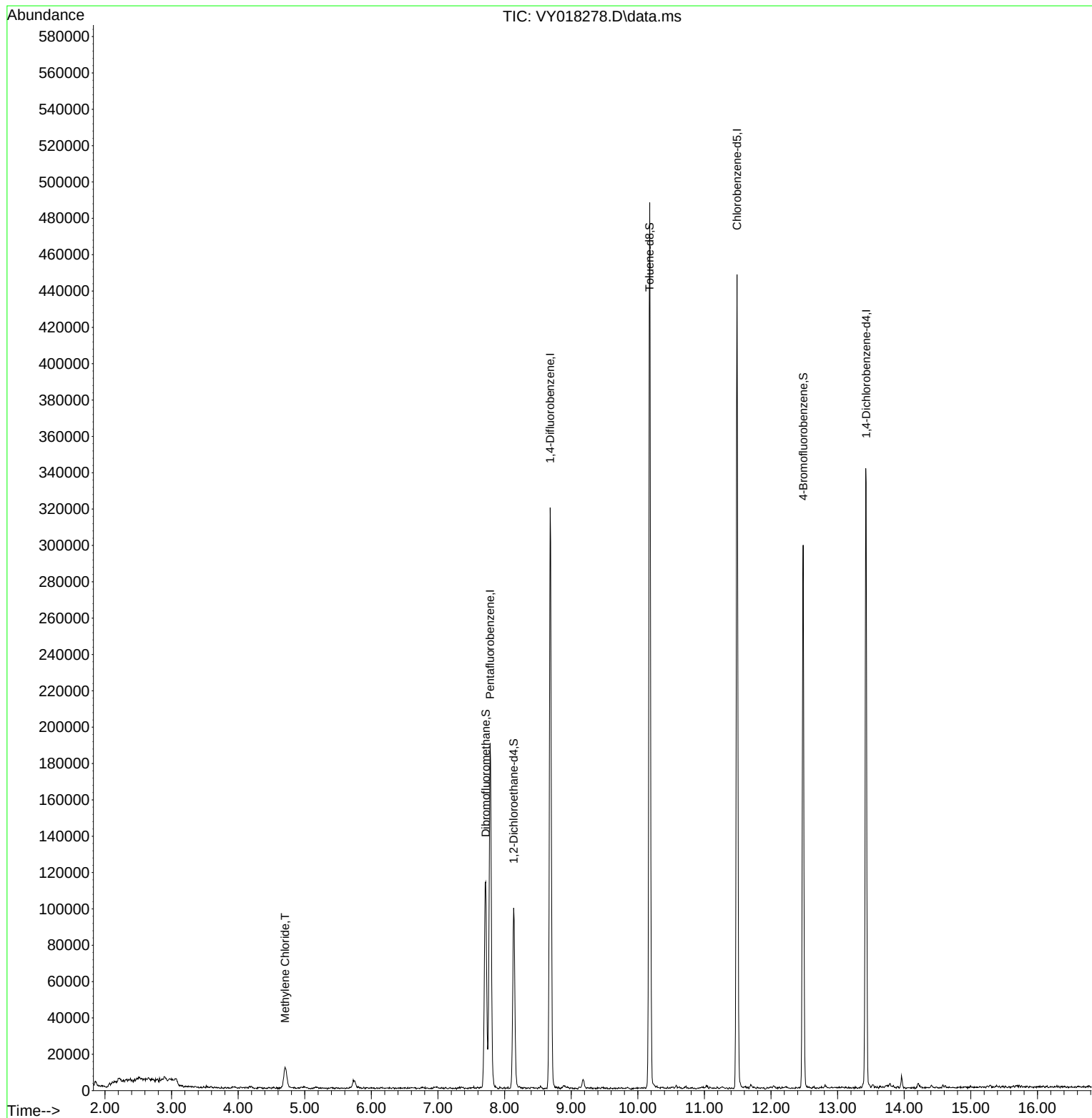
Internal Standards						
1) Pentafluorobenzene	7.782	168	145117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73327	68.685	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	137.380%	
35) Dibromofluoromethane	7.715	113	82778	55.424	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	110.840%	
50) Toluene-d8	10.178	98	322989	54.879	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	109.760%	
62) 4-Bromofluorobenzene	12.483	95	93359	49.119	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	98.240%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	9111	6.050	ug/l	94

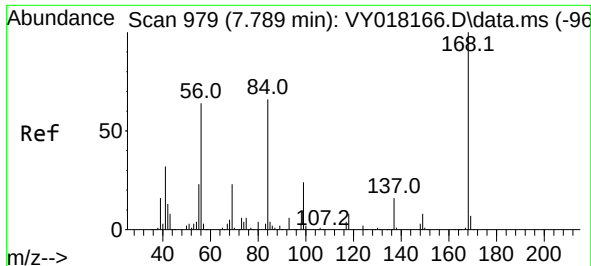
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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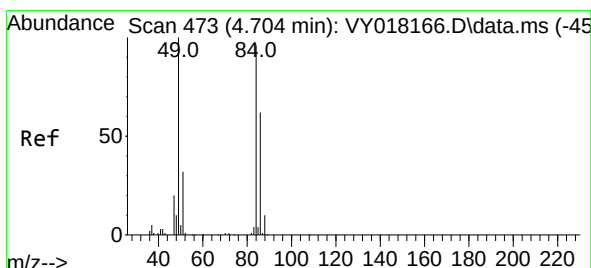
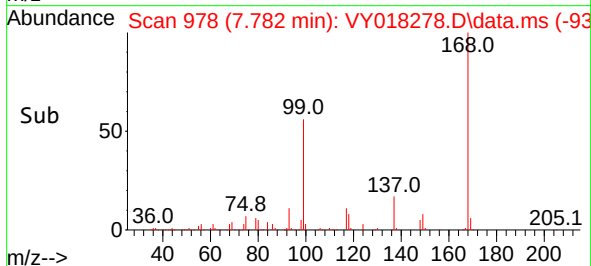
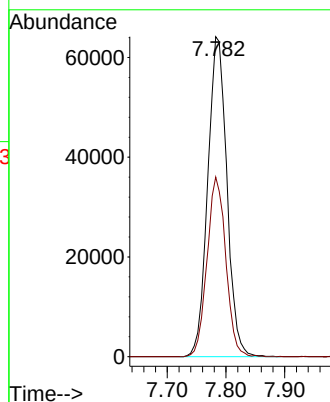
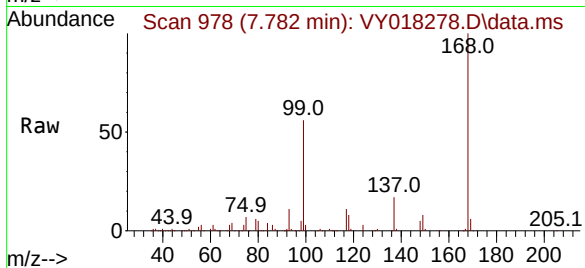




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

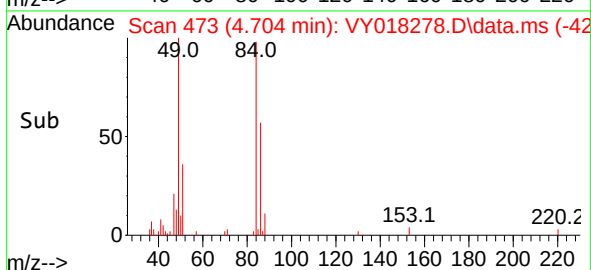
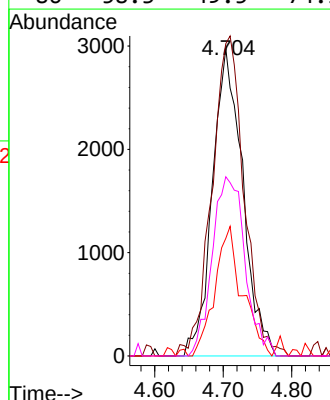
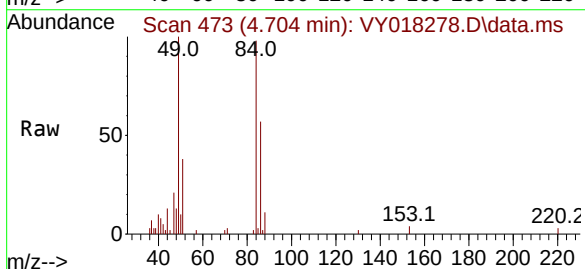
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

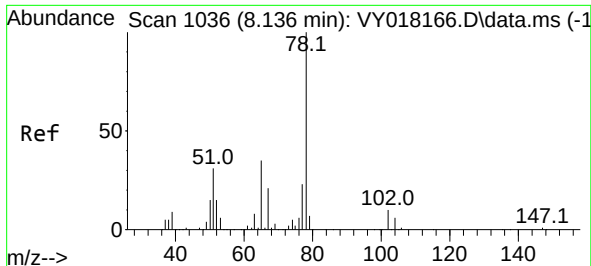
Tgt Ion:168 Resp: 145117
Ion Ratio Lower Upper
168 100
99 56.1 39.1 58.7



#20
Methylene Chloride
Concen: 6.050 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion: 84 Resp: 9111
Ion Ratio Lower Upper
84 100
49 99.1 84.4 126.6
51 36.4 26.0 39.0
86 58.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 68.685 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018278.D

Acq: 15 May 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

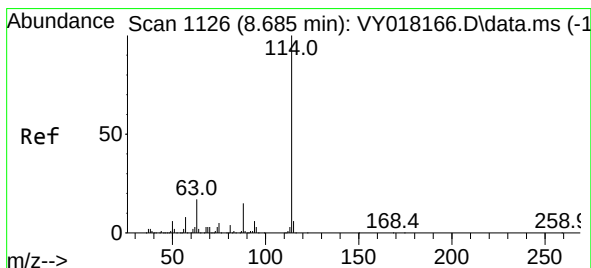
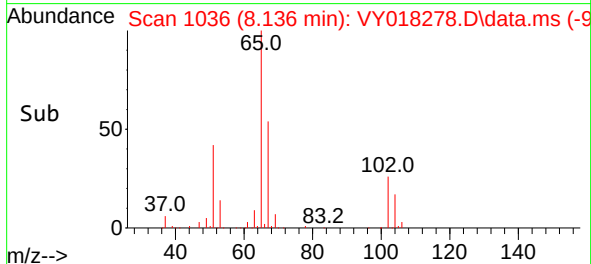
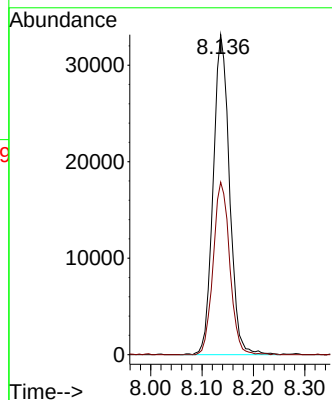
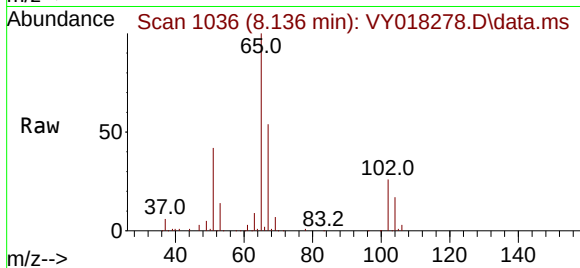
B-114-SB01

Tgt Ion: 65 Resp: 73327

Ion Ratio Lower Upper

65 100

67 54.6 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: VY018278.D

Acq: 15 May 2024 17:26

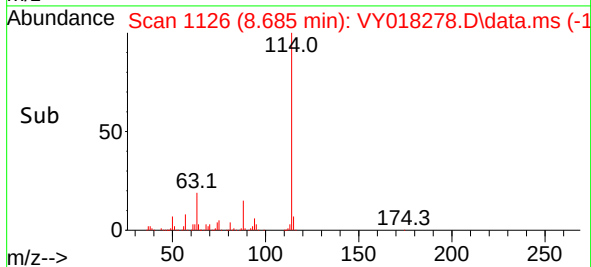
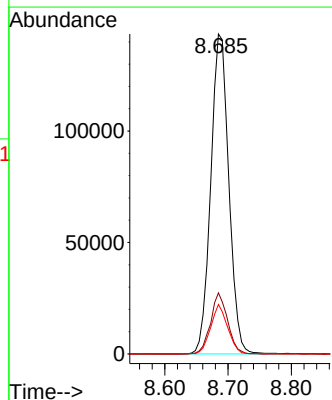
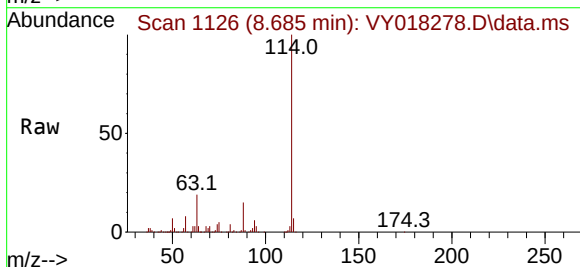
Tgt Ion: 114 Resp: 284188

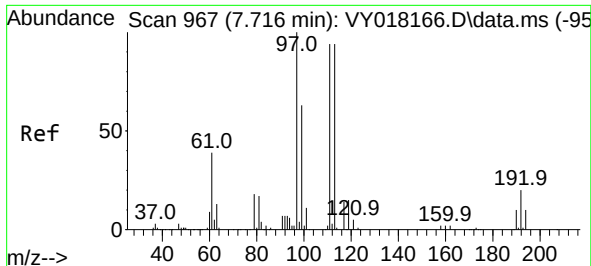
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.424 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018278.D

Acq: 15 May 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB01

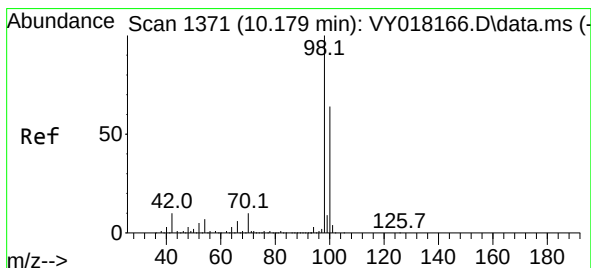
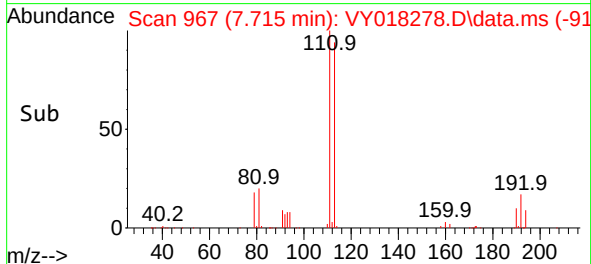
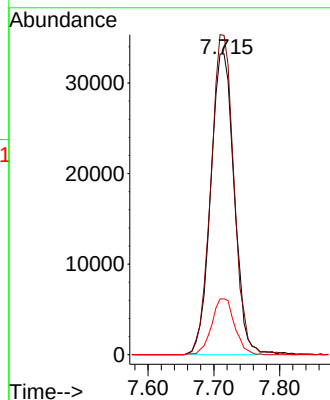
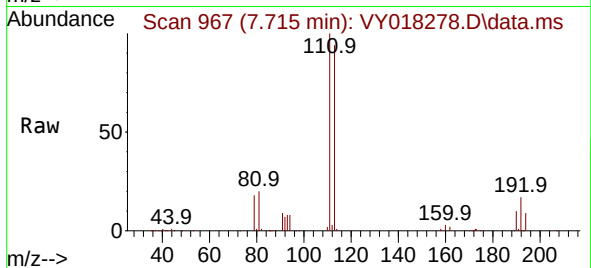
Tgt Ion:113 Resp: 82778

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 18.1 15.9 23.9



#50

Toluene-d8

Concen: 54.879 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018278.D

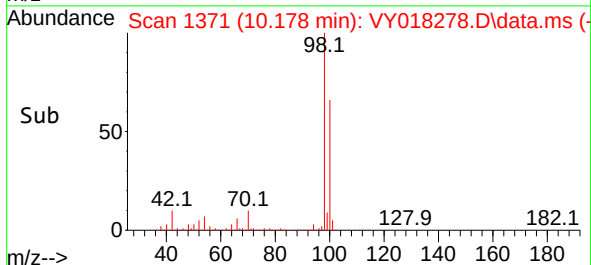
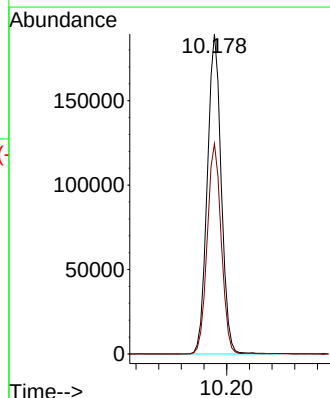
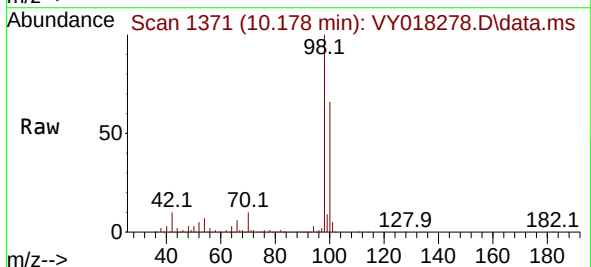
Acq: 15 May 2024 17:26

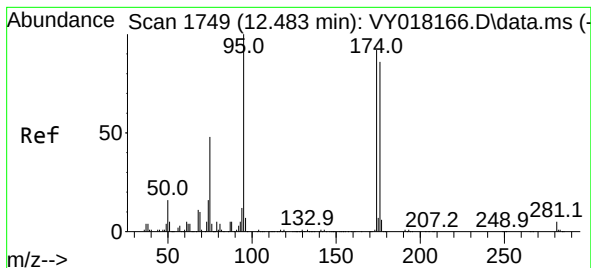
Tgt Ion: 98 Resp: 322989

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

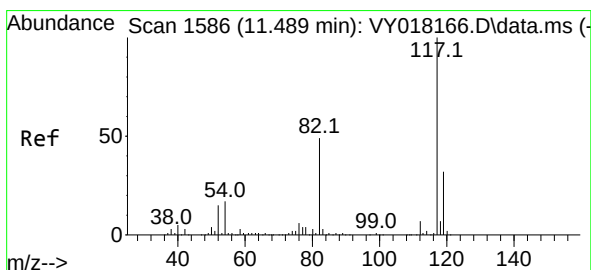
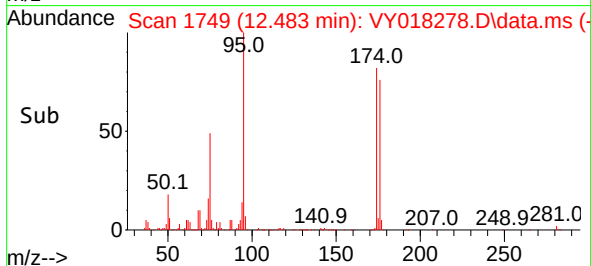
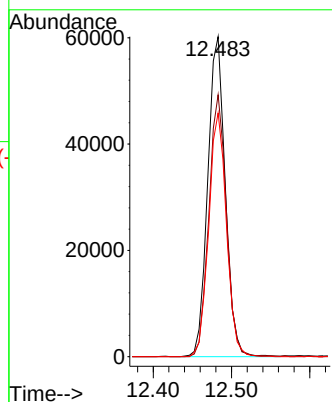
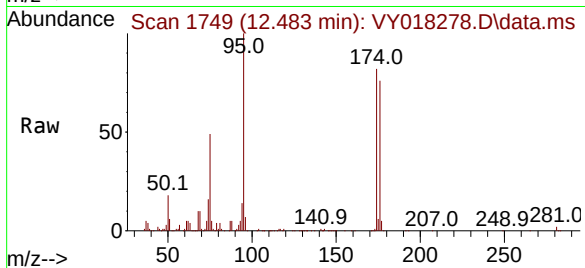




#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

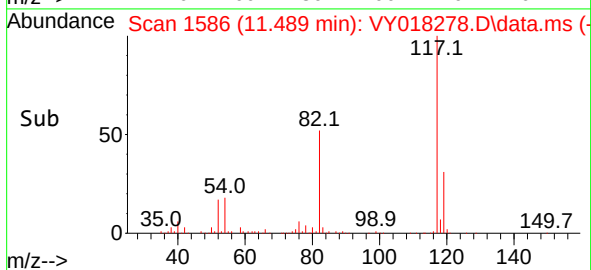
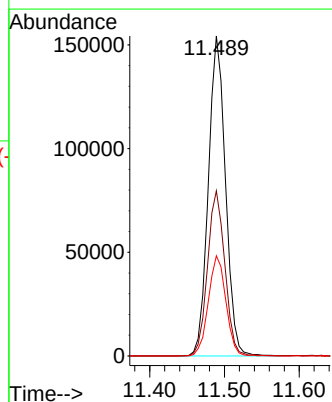
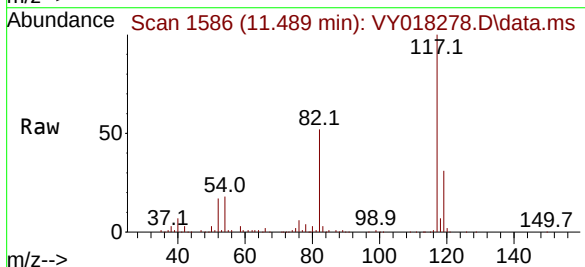
Instrument :
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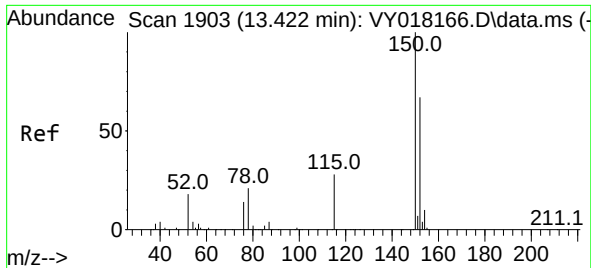
Tgt Ion:	95	Resp:	93359
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	175.6
176	76.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion:	117	Resp:	246327
Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.4	63.6
119	31.3	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: VY018278.D

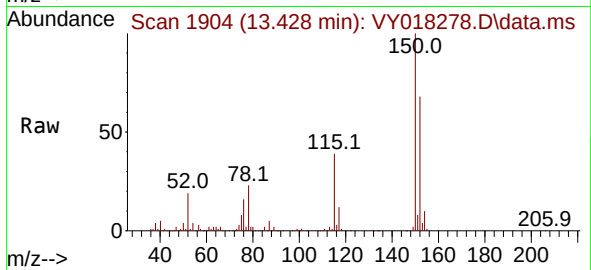
Acq: 15 May 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB01



Tgt Ion:152 Resp: 87095

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 158.8 0.0 345.6

