

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018595.D
 Acq On : 14 Jun 2024 15:20
 Operator : SY/MD
 Sample : P2846-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-061124RE

Quant Time: Jun 14 17:19:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

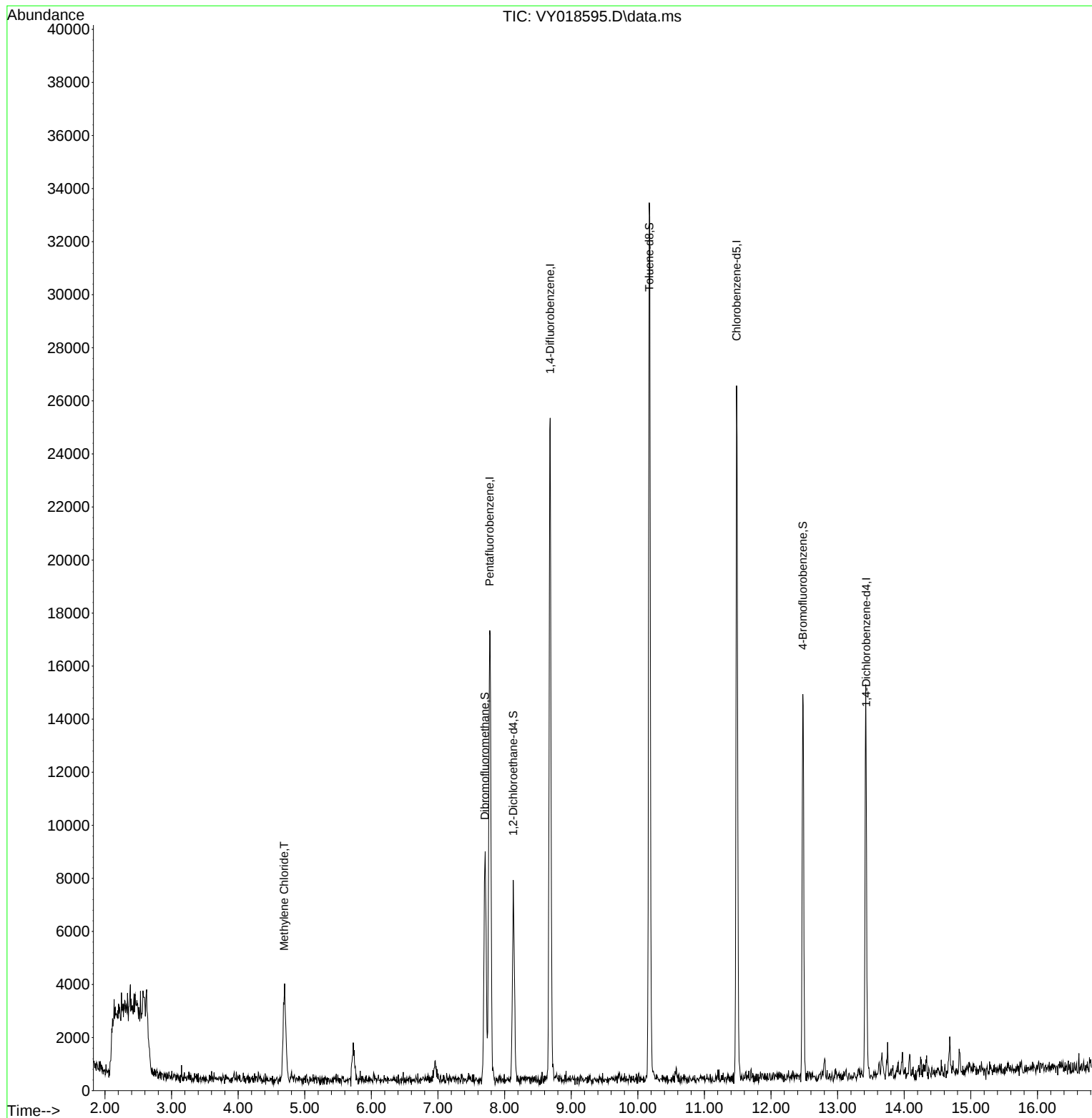
Internal Standards						
1) Pentafluorobenzene	7.777	168	13914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	21702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	14804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5531	39.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.704	113	6323	47.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.173	98	22605	44.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.477	95	4734	29.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.692	84	2825	8.679	ug/l #	90

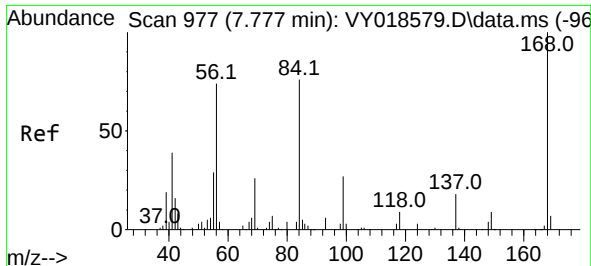
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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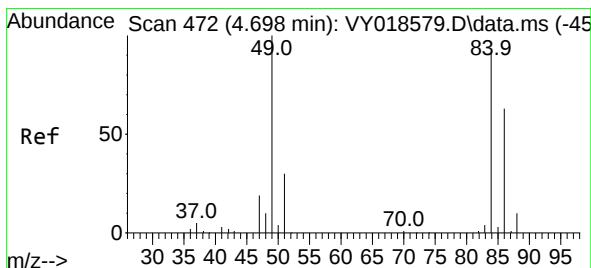
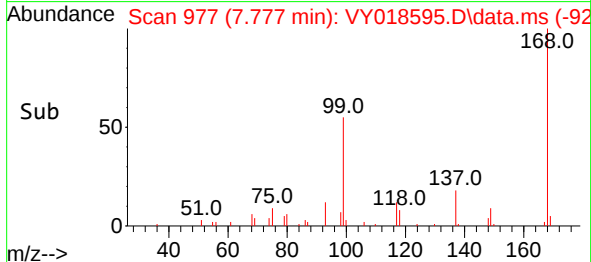
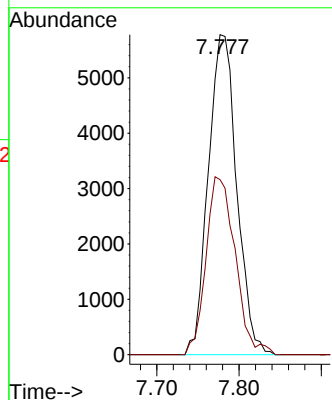
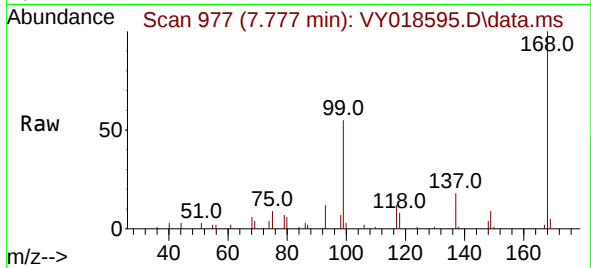




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018595.D
Acq: 14 Jun 2024 15:20

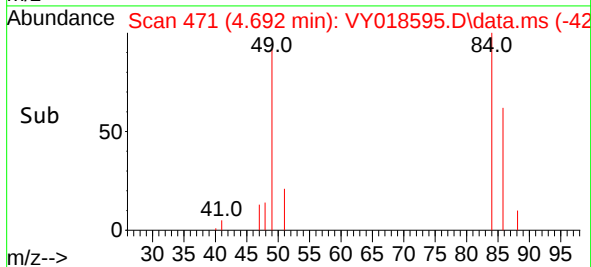
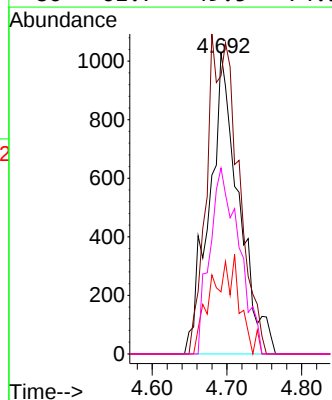
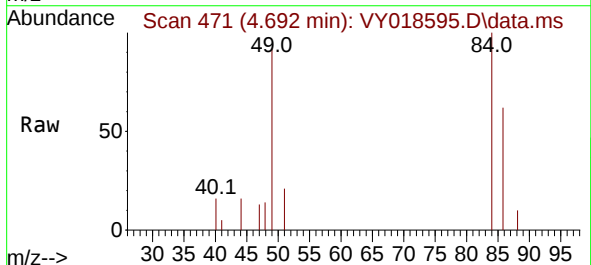
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-061124RE

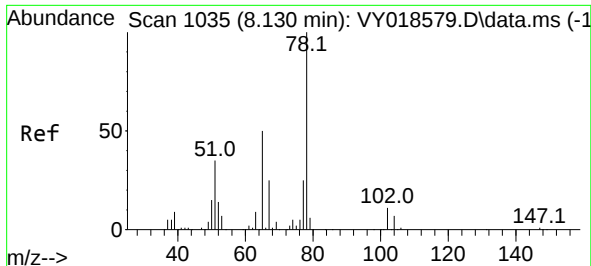
Tgt Ion:168 Resp: 13914
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#20
Methylene Chloride
Concen: 8.679 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018595.D
Acq: 14 Jun 2024 15:20

Tgt Ion: 84 Resp: 2825
Ion Ratio Lower Upper
84 100
49 92.3 84.4 126.6
51 20.6 26.0 39.0#
86 61.7 49.5 74.3

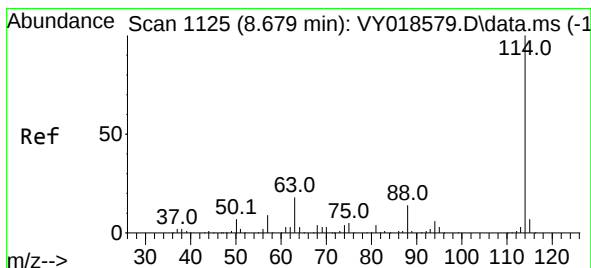
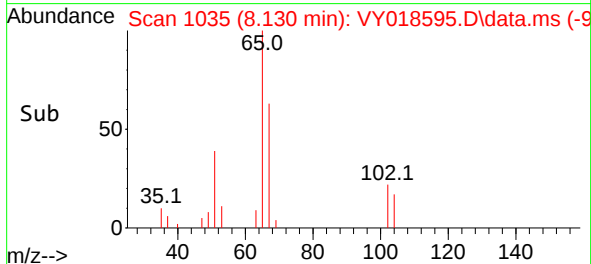
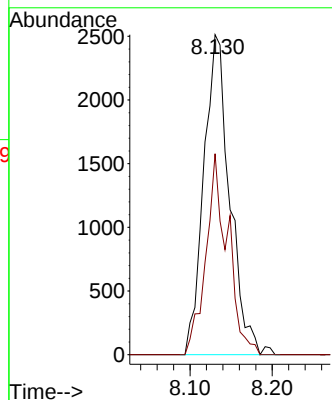
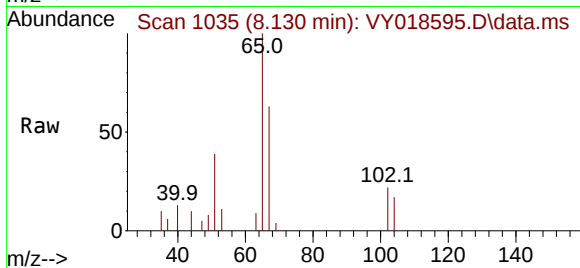




#33
 1,2-Dichloroethane-d4
 Concen: 39.483 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY018595.D
 Acq: 14 Jun 2024 15:20

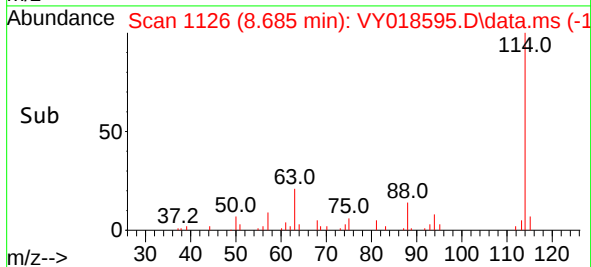
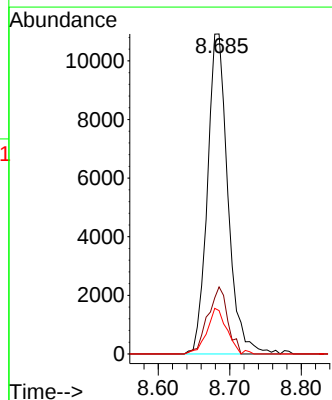
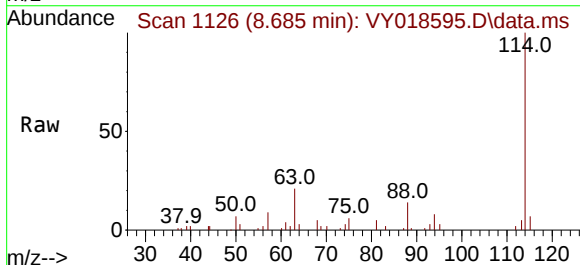
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-061124RE

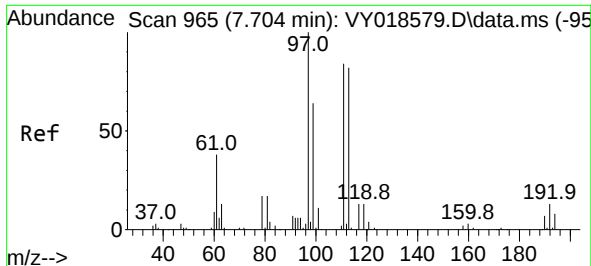
Tgt Ion: 65 Resp: 5531
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018595.D
 Acq: 14 Jun 2024 15:20

Tgt Ion: 114 Resp: 21702
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 35.0
 88 13.6 0.0 27.2

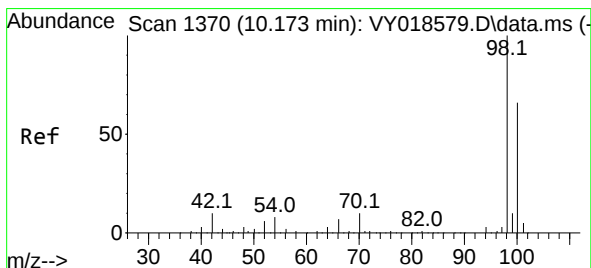
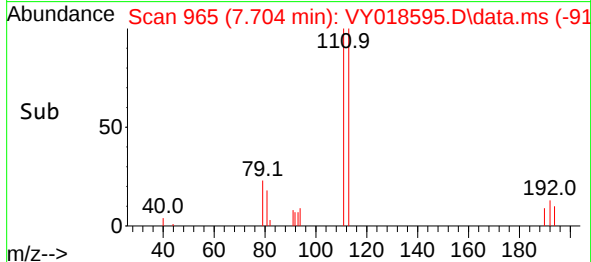
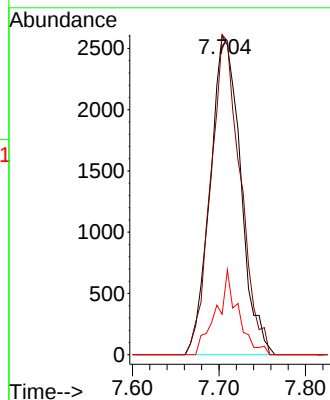
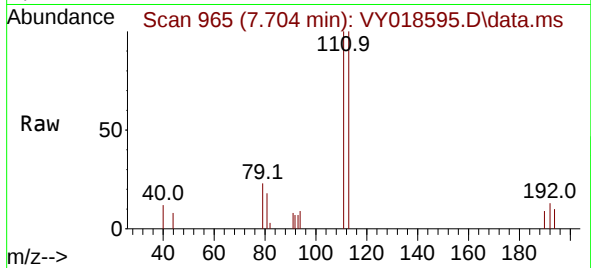




#35
 Dibromofluoromethane
 Concen: 47.762 ug/l
 RT: 7.704 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY018595.D
 Acq: 14 Jun 2024 15:20

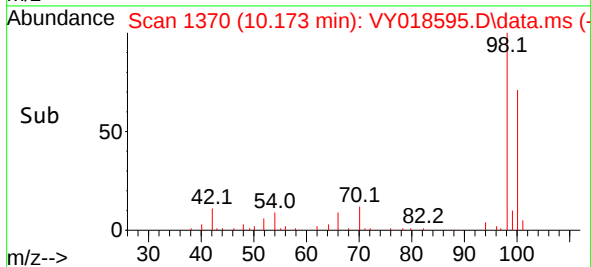
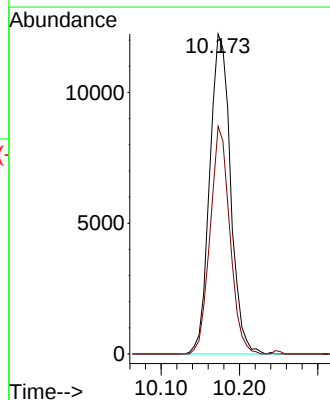
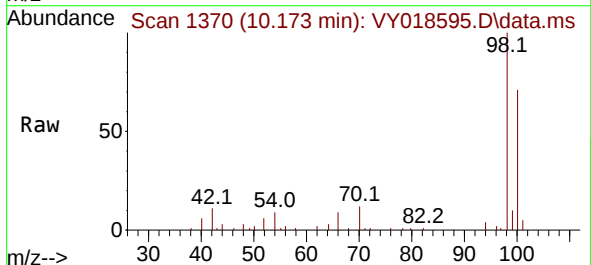
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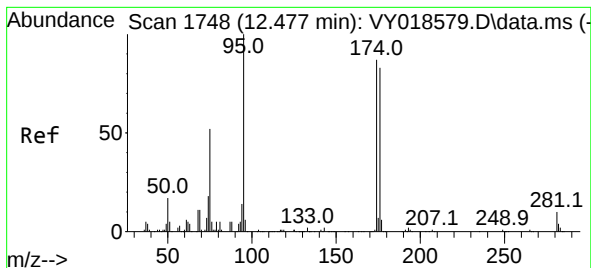
Tgt Ion:	113	Resp:	6323
Ion	Ratio	Lower	Upper
113	100		
111	98.2	82.2	123.4
192	19.4	15.9	23.9



#50
 Toluene-d8
 Concen: 44.401 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY018595.D
 Acq: 14 Jun 2024 15:20

Tgt Ion:	98	Resp:	22605
Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.0	78.0

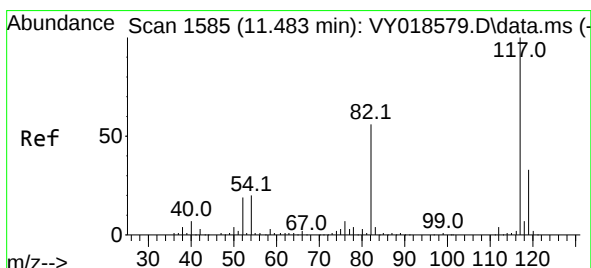
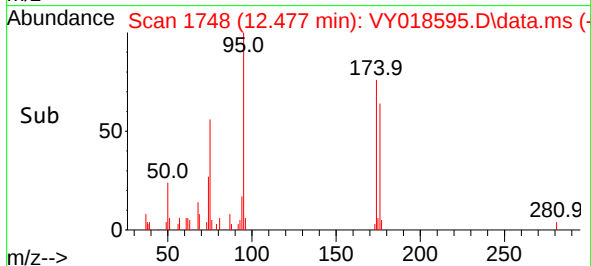
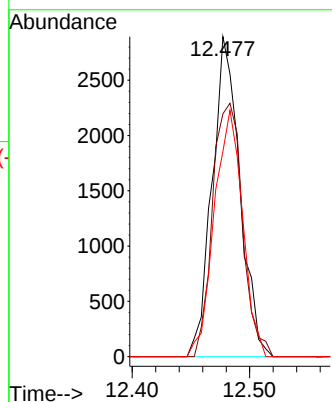
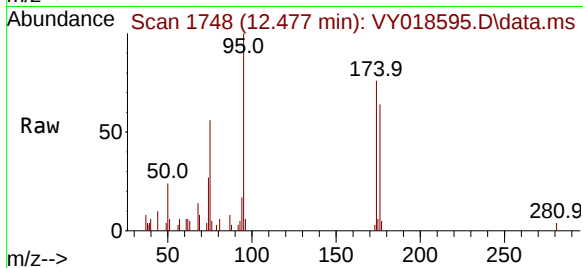




#62
4-Bromofluorobenzene
Concen: 29.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018595.D
Acq: 14 Jun 2024 15:20

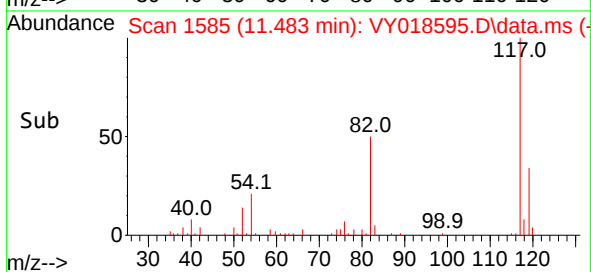
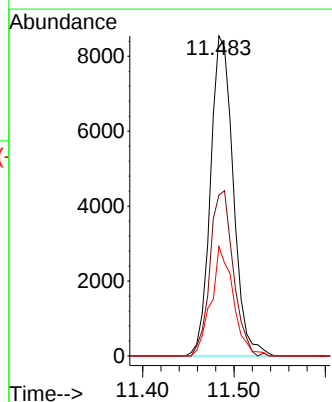
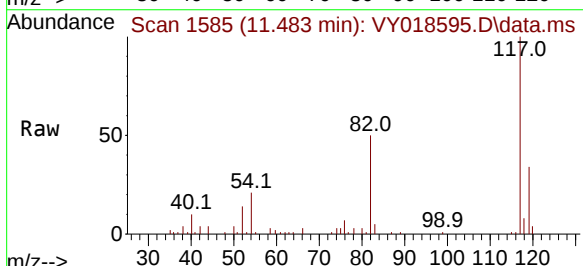
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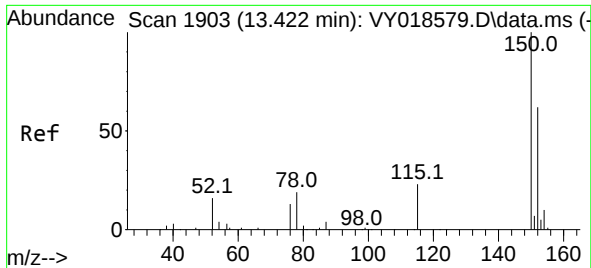
Tgt Ion: 95 Resp: 4734
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 78.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018595.D
Acq: 14 Jun 2024 15:20

Tgt Ion: 117 Resp: 14804
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 34.2 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: VY018595.D

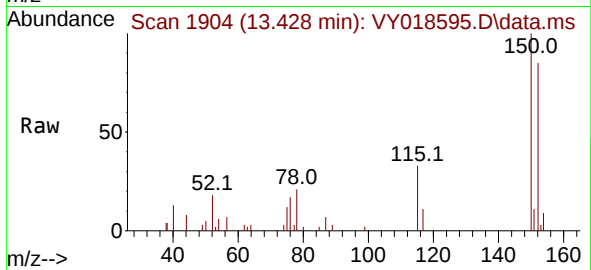
Acq: 14 Jun 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-061124RE



Tgt Ion:152 Resp: 3945

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 149.9 0.0 345.6

