

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018072.D
 Acq On : 29 Apr 2024 16:43
 Operator : SY/MD
 Sample : P2310-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-042924

Quant Time: Apr 30 01:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

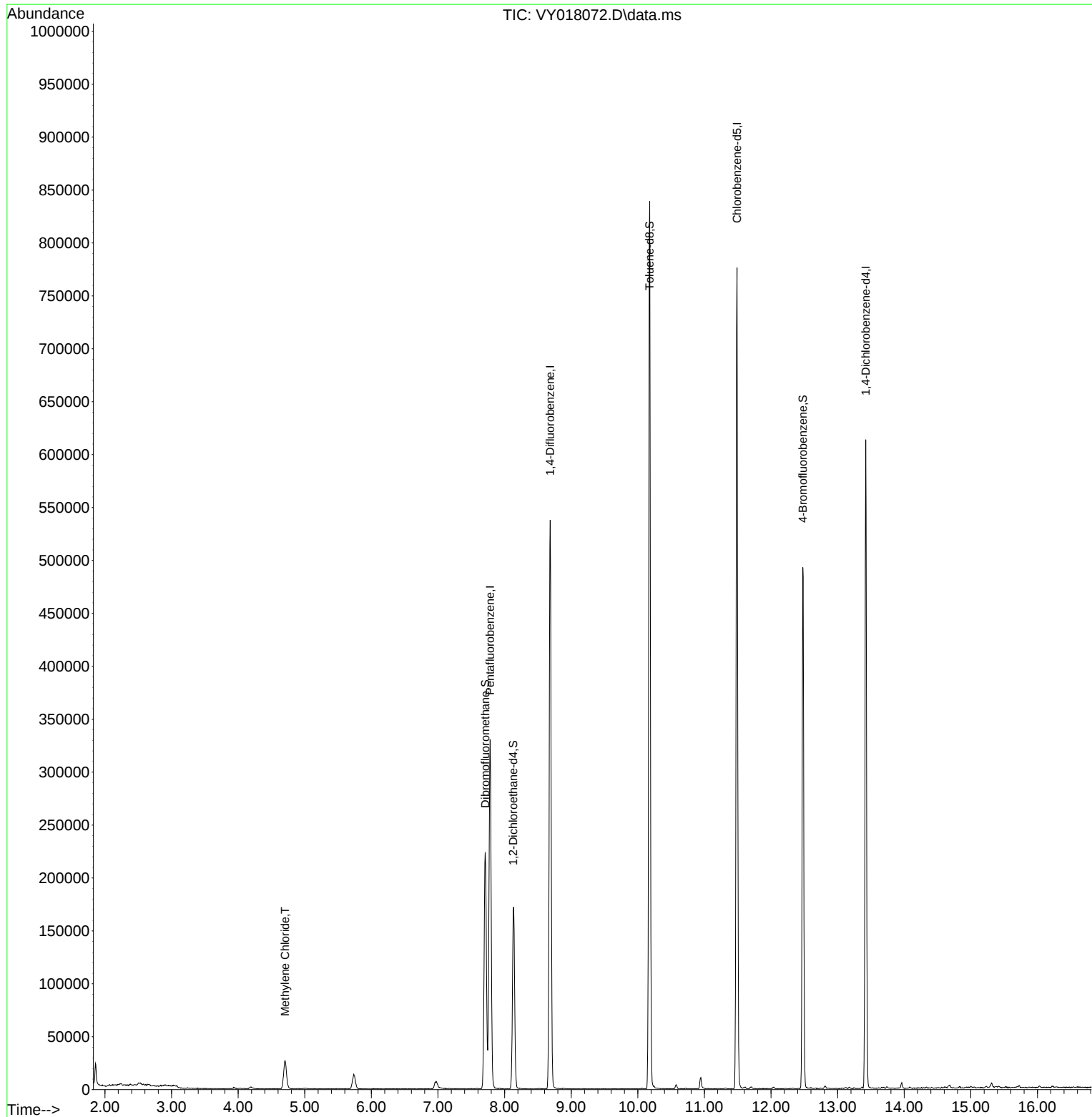
Internal Standards						
1) Pentafluorobenzene	7.783	168	279662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	511393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	459558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	130315	53.847	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.710	113	168726	53.479	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.179	98	585790	48.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.477	95	155287	41.883	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	22975	7.092	ug/l	89

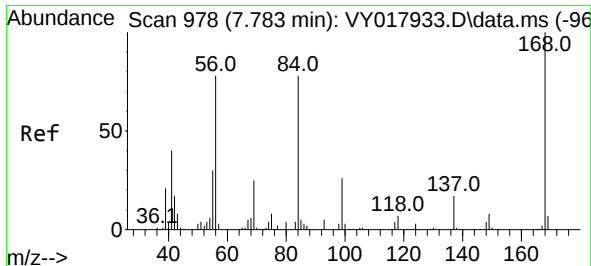
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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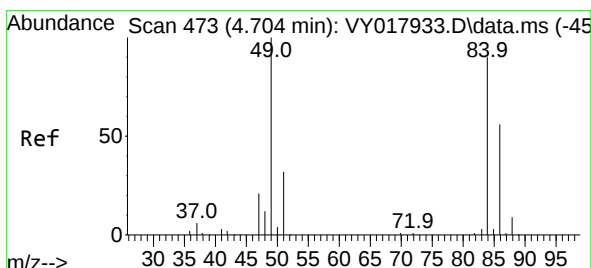
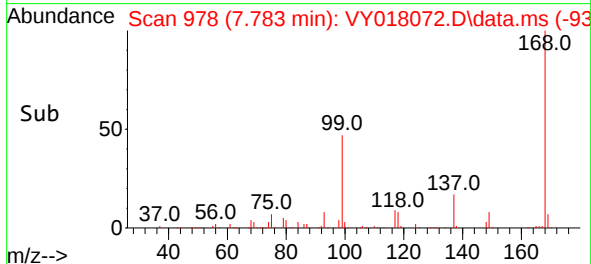
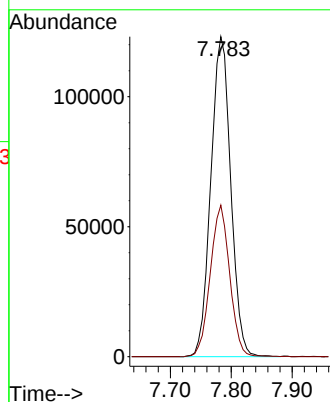
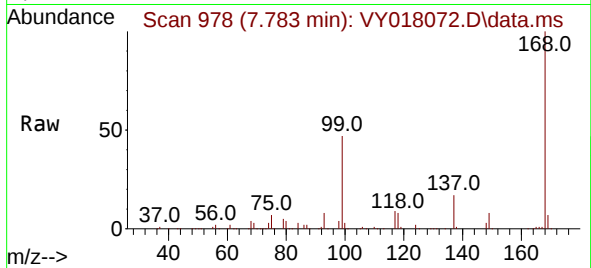




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

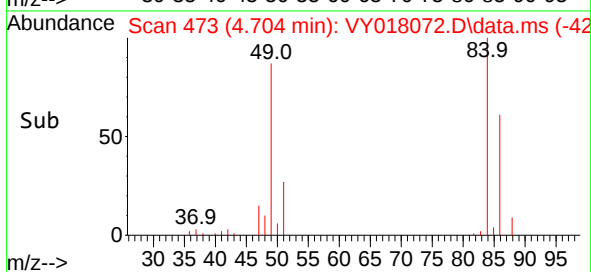
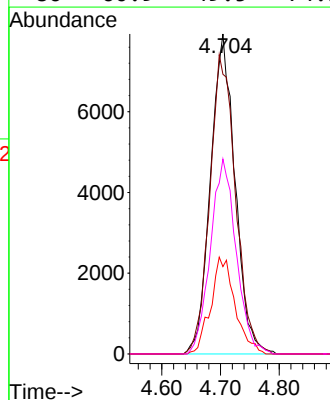
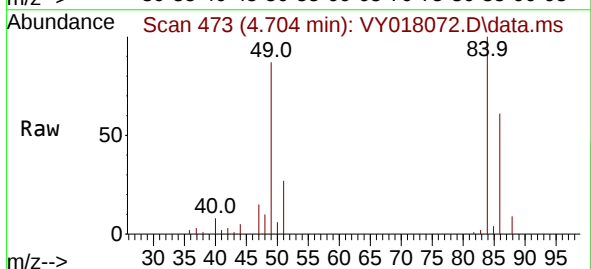
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-042924

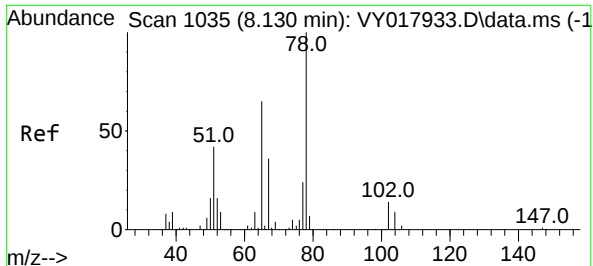
Tgt Ion:168 Resp: 279662
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#20
Methylene Chloride
Concen: 7.092 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

Tgt Ion: 84 Resp: 22975
Ion Ratio Lower Upper
84 100
49 87.4 84.4 126.6
51 27.3 26.0 39.0
86 60.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.847 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY018072.D

Acq: 29 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

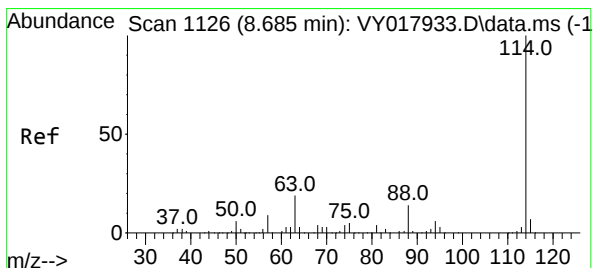
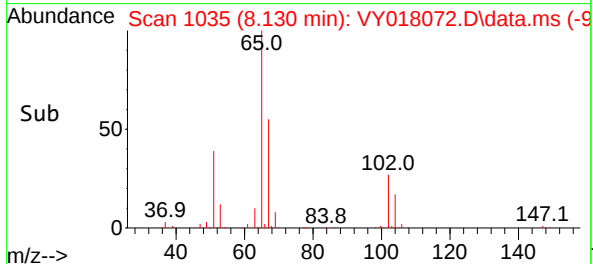
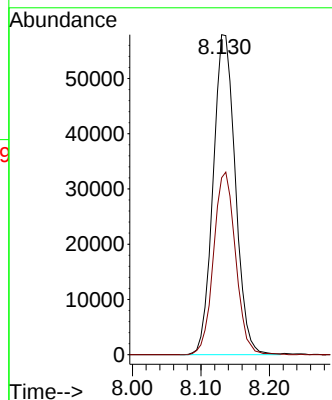
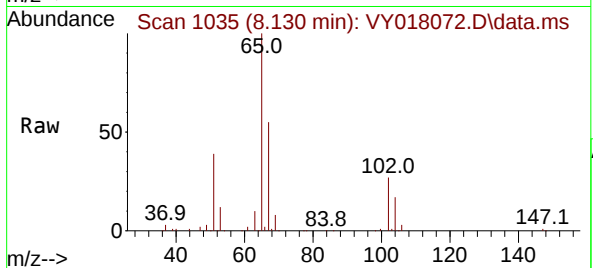
SU-02-042924

Tgt Ion: 65 Resp: 130315

Ion Ratio Lower Upper

65 100

67 56.6 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: VY018072.D

Acq: 29 Apr 2024 16:43

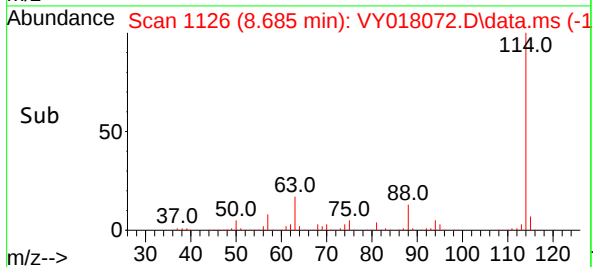
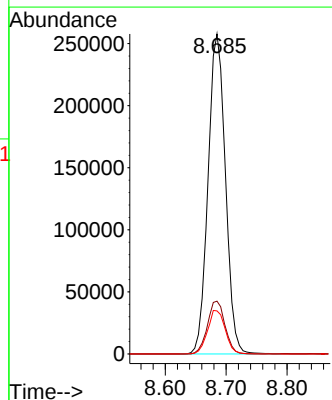
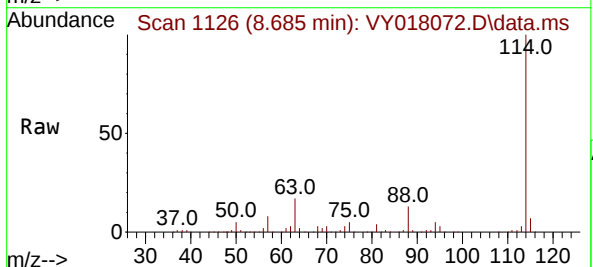
Tgt Ion: 114 Resp: 511393

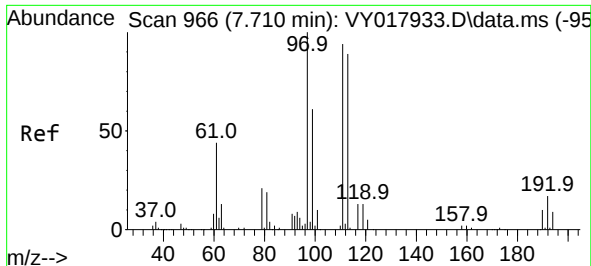
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.5 0.0 27.2

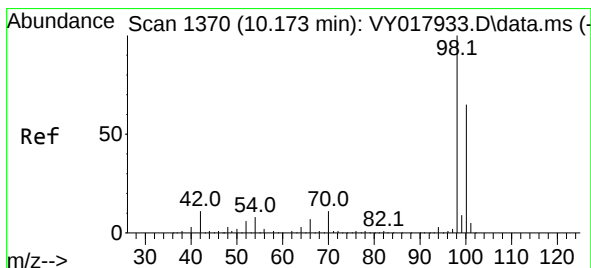
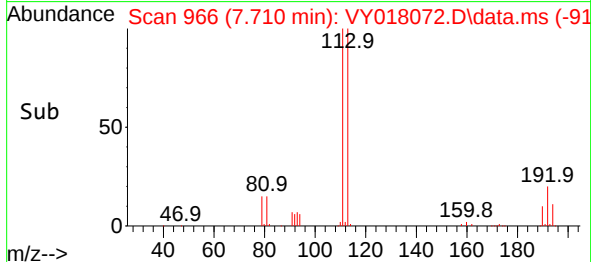
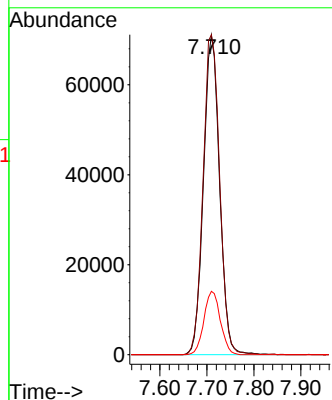
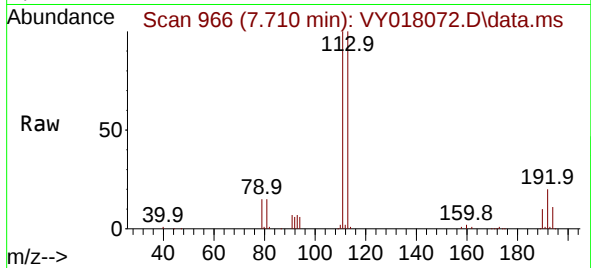




#35
Dibromofluoromethane
Concen: 53.479 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

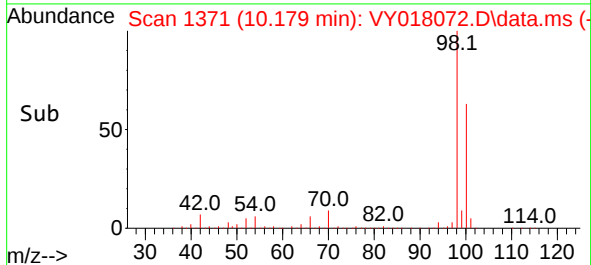
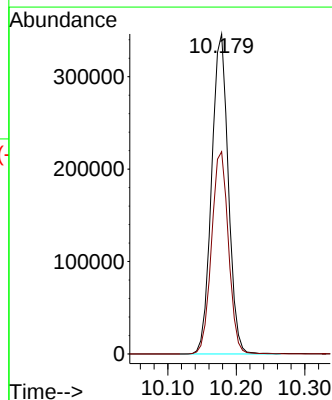
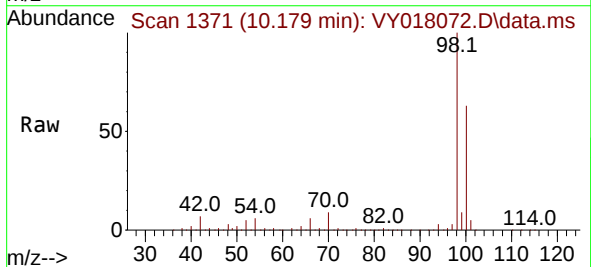
Instrument :
MSVOA_Y
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SU-02-042924

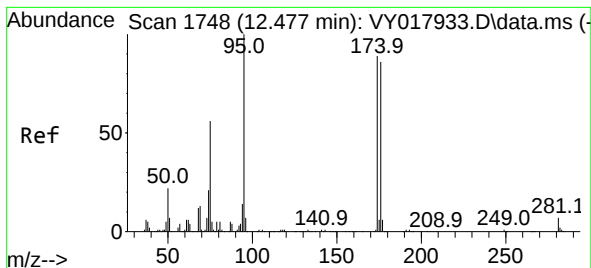
Tgt Ion:113 Resp: 168726
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 48.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

Tgt Ion: 98 Resp: 585790
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

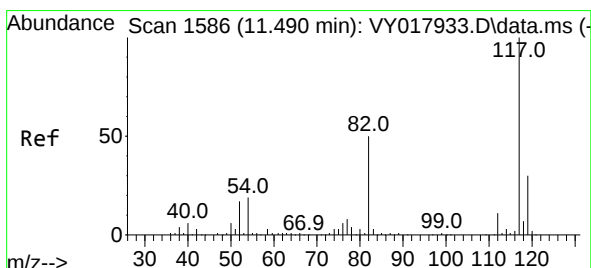
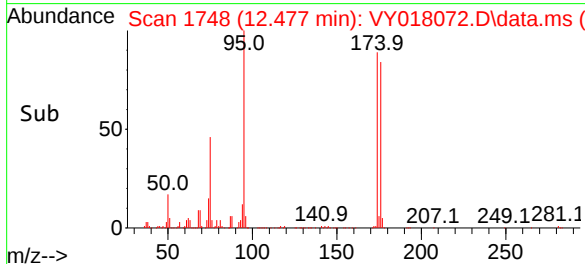
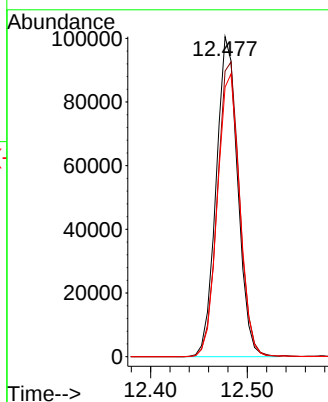
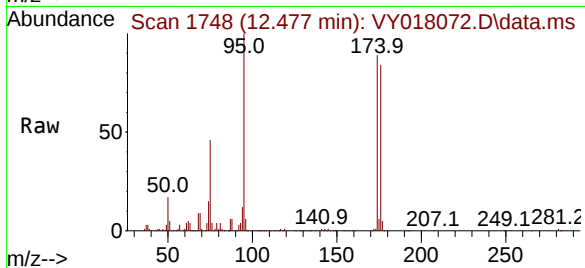




#62
4-Bromofluorobenzene
Concen: 41.883 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

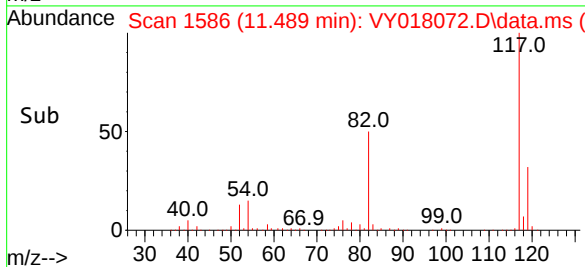
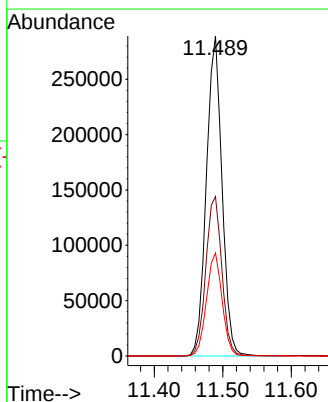
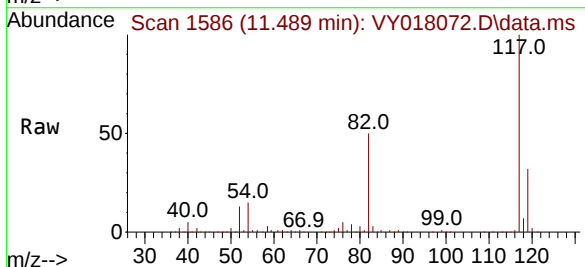
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SU-02-042924

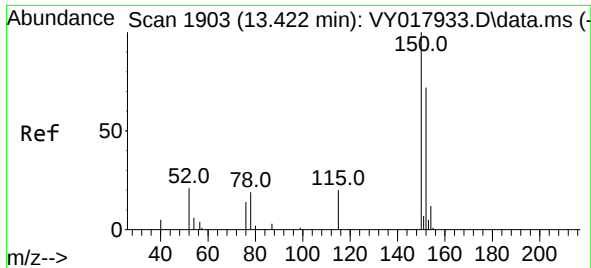
Tgt Ion: 95 Resp: 155287
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 91.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

Tgt Ion: 117 Resp: 459558
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018072.D

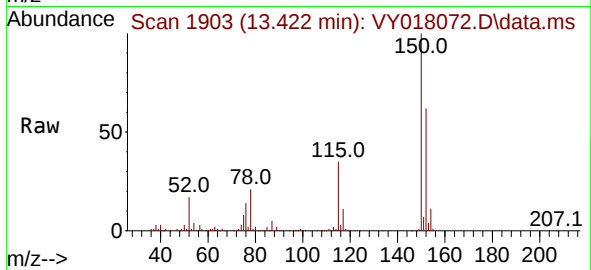
Acq: 29 Apr 2024 16:43

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-042924



Tgt Ion:152 Resp: 168566

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 159.7 0.0 345.6

