

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018807.D
 Acq On : 12 Jul 2024 19:07
 Operator : SY/MD
 Sample : P3228-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-DIS-01-07112024

Quant Time: Jul 12 23:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

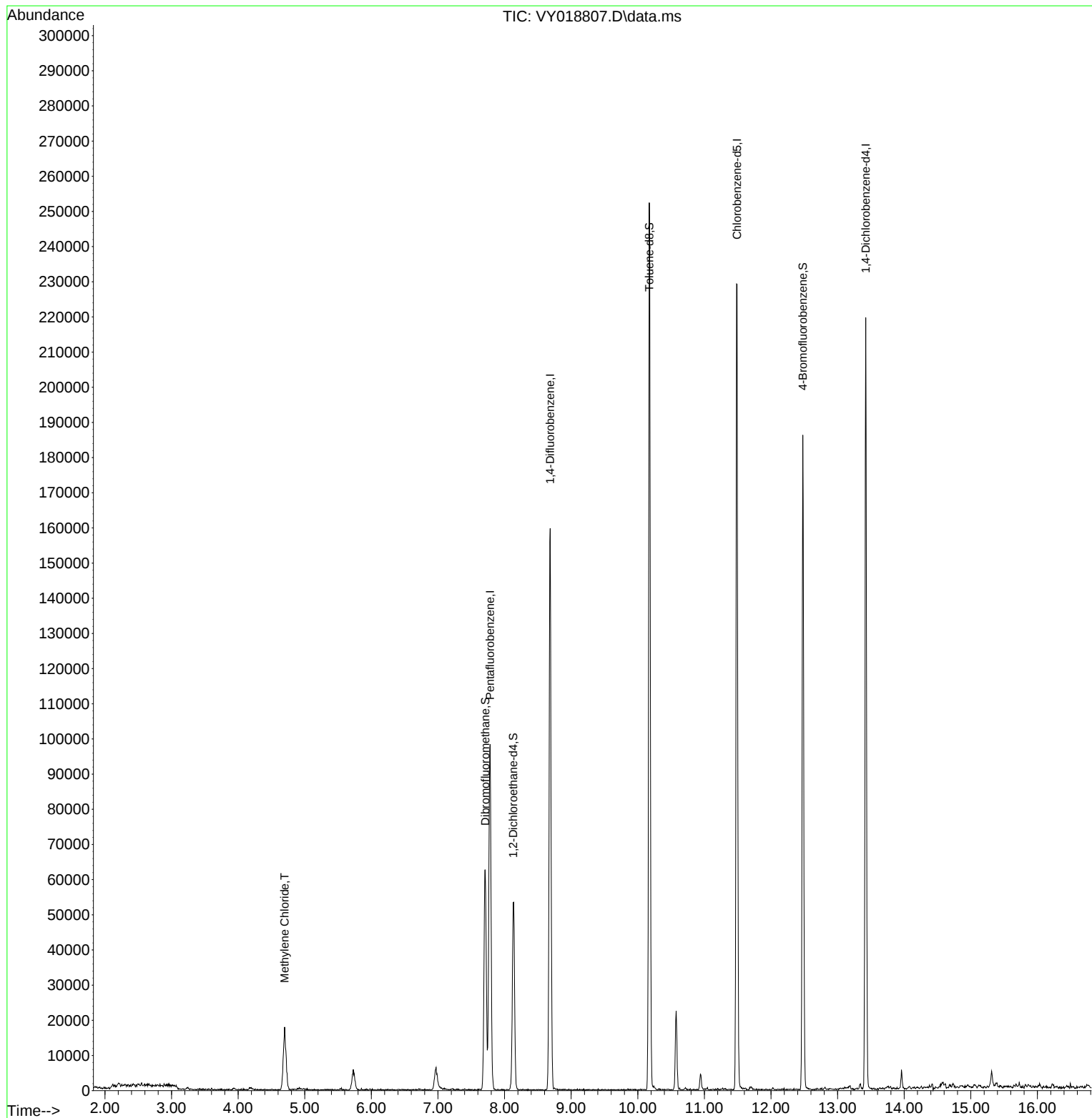
Internal Standards						
1) Pentafluorobenzene	7.783	168	78930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42596	54.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.680%
35) Dibromofluoromethane	7.710	113	43890	49.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.173	98	162060	48.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.477	95	52967	46.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.120%
Target Compounds						
20) Methylene Chloride	4.698	84	12299	11.327	ug/l	Qvalue 96

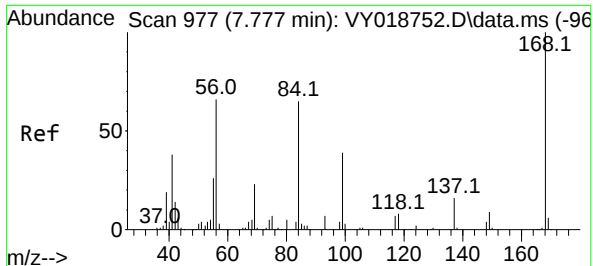
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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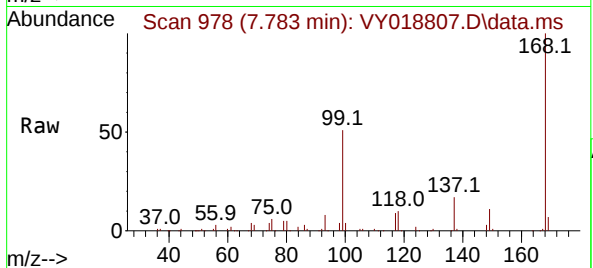
Quant Time: Jul 12 23:44:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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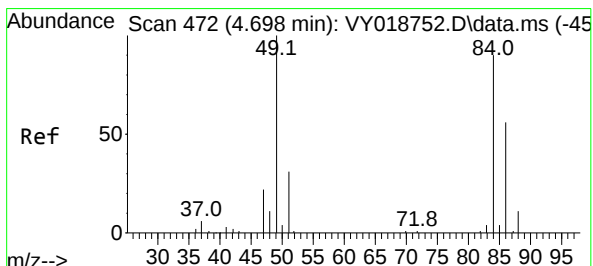
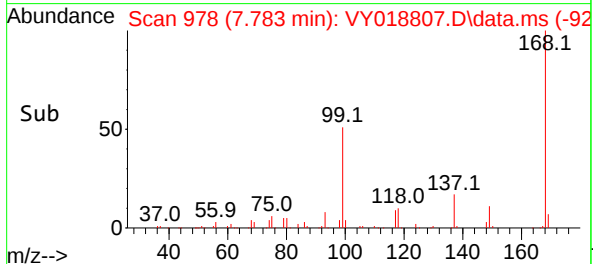
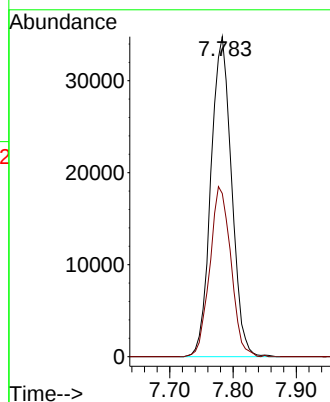


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

Instrument :
MSVOA_Y
ClientSampleId :
PAT-DIS-01-07112024

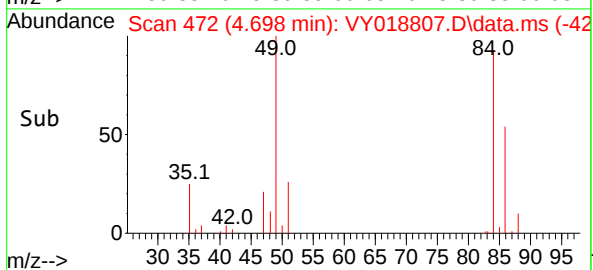
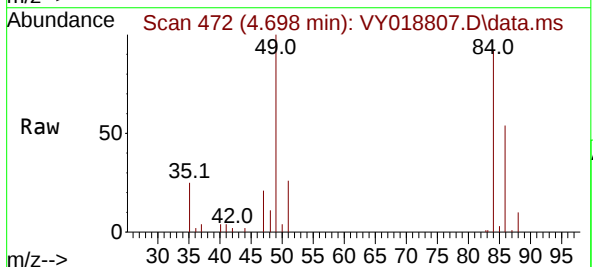
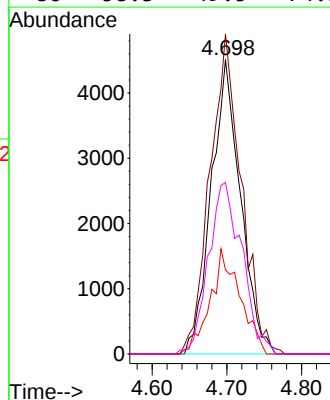


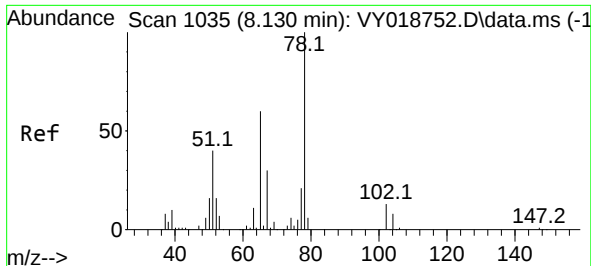
Tgt Ion:168 Resp: 78930
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#20
Methylene Chloride
Concen: 11.327 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

Tgt Ion: 84 Resp: 12299
Ion Ratio Lower Upper
84 100
49 108.7 84.4 126.6
51 28.5 26.0 39.0
86 58.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.843 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018807.D

Acq: 12 Jul 2024 19:07

Instrument :

MSVOA_Y

ClientSampleId :

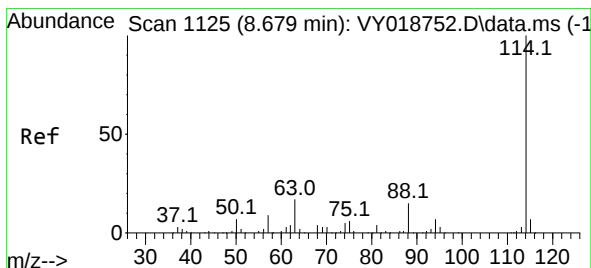
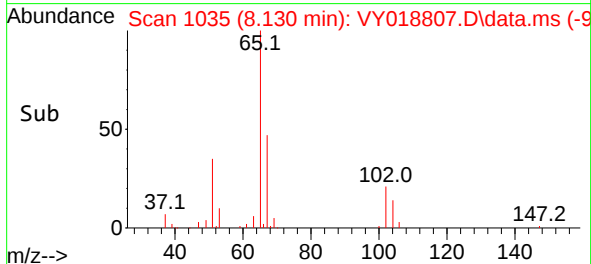
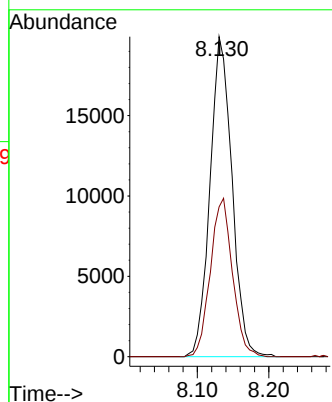
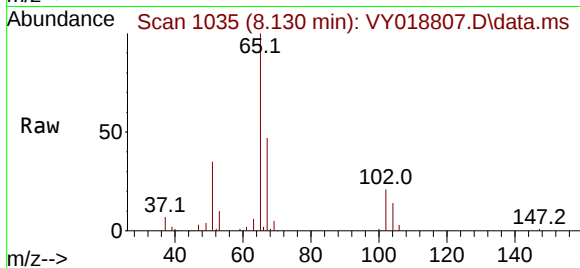
PAT-DIS-01-07112024

Tgt Ion: 65 Resp: 42596

Ion Ratio Lower Upper

65 100

67 49.7 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: VY018807.D

Acq: 12 Jul 2024 19:07

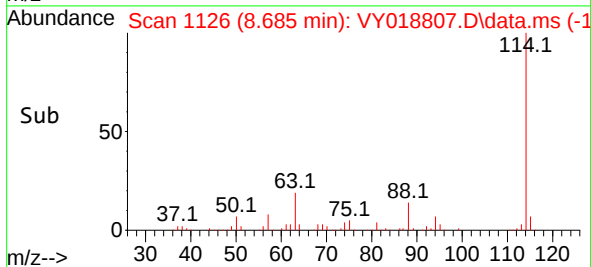
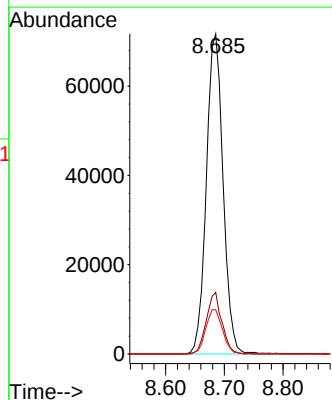
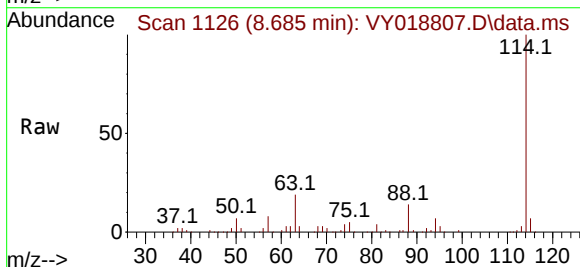
Tgt Ion: 114 Resp: 141904

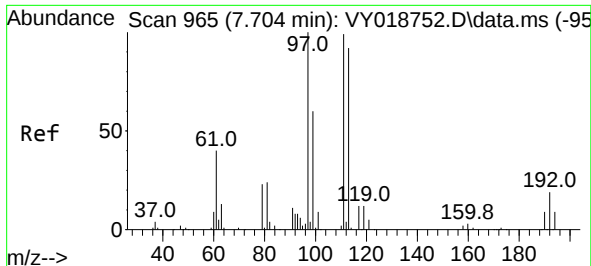
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 13.8 0.0 27.2

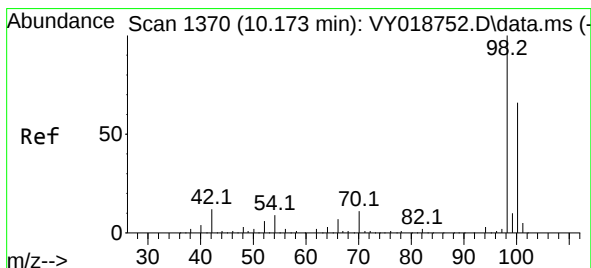
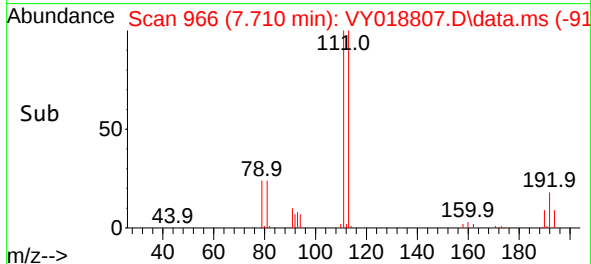
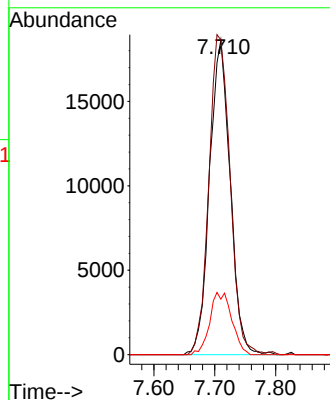
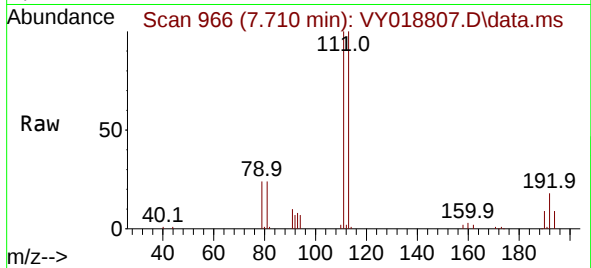




#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

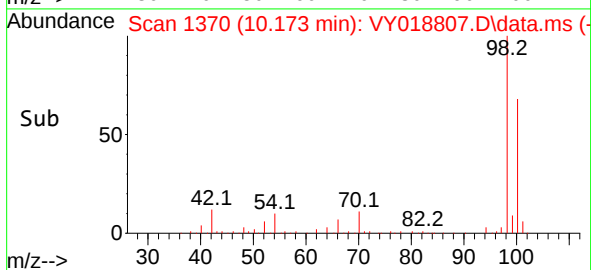
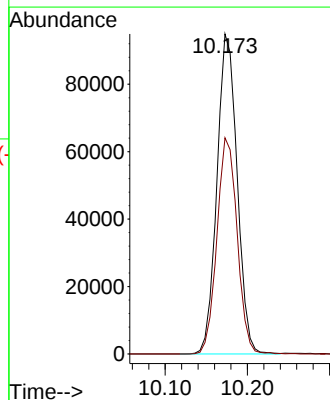
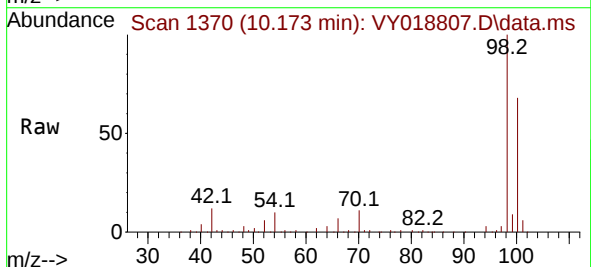
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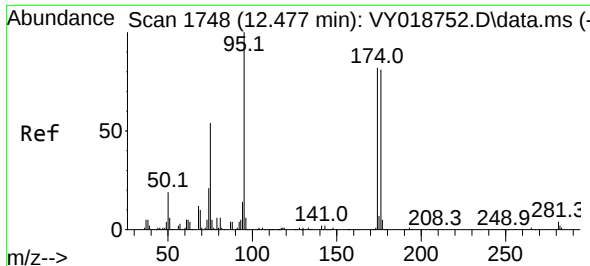
Tgt Ion:113 Resp: 43890
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 21.1 15.9 23.9



#50
Toluene-d8
Concen: 48.129 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

Tgt Ion: 98 Resp: 162060
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0

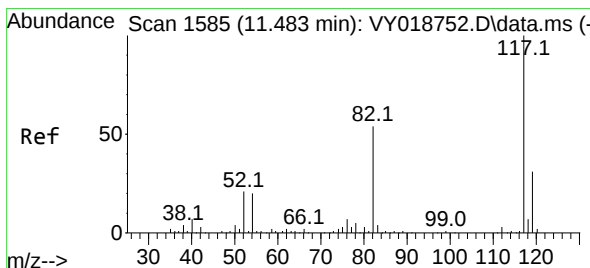
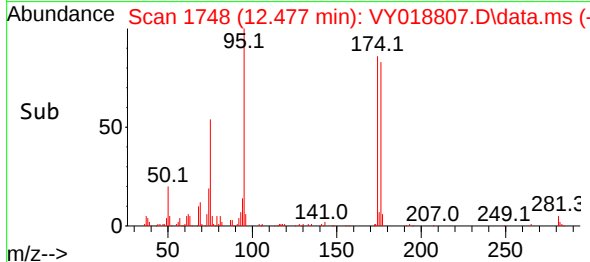
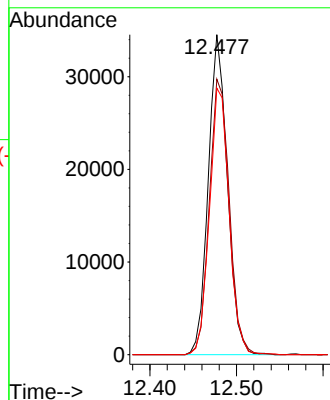
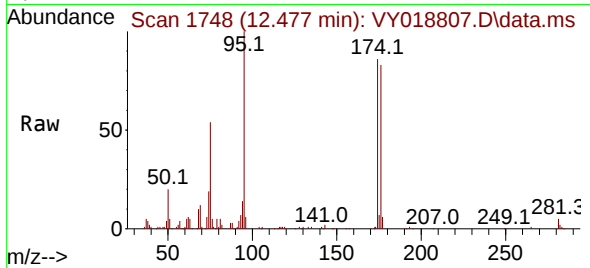




#62
4-Bromofluorobenzene
Concen: 46.062 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

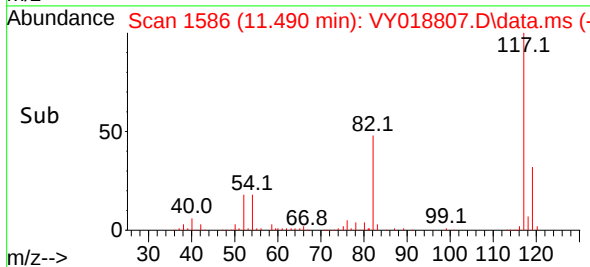
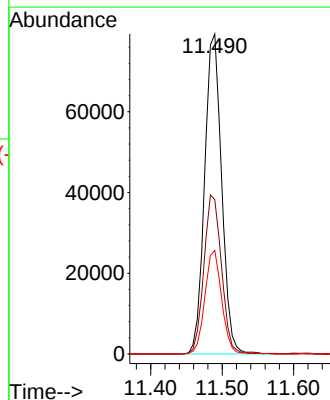
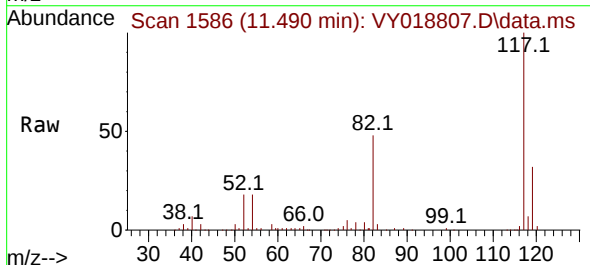
Instrument :
MSVOA_Y
ClientSampleId :
PAT-DIS-01-07112024

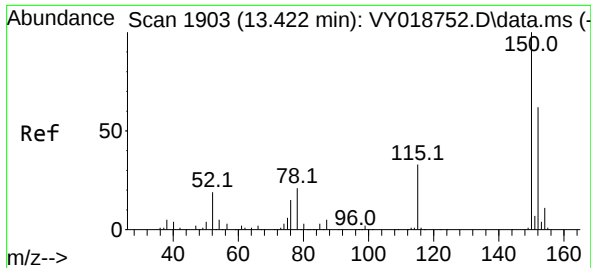
Tgt Ion:	95	Resp:	52967
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	175.6
176	85.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018807.D
Acq: 12 Jul 2024 19:07

Tgt Ion:	117	Resp:	131349
Ion	Ratio	Lower	Upper
117	100		
82	48.3	42.4	63.6
119	32.3	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018807.D

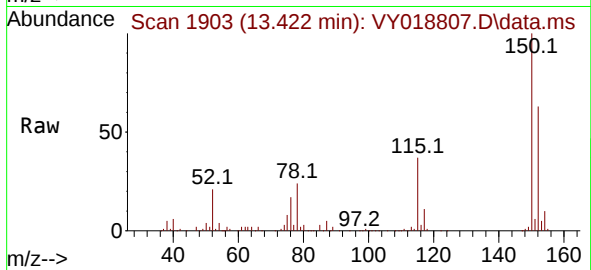
Acq: 12 Jul 2024 19:07

Instrument :

MSVOA_Y

ClientSampleId :

PAT-DIS-01-07112024



Tgt Ion:152 Resp: 54933

Ion Ratio Lower Upper

152 100

115 60.0 28.2 84.7

150 155.6 0.0 345.6

