

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018076.D
 Acq On : 29 Apr 2024 18:18
 Operator : SY/MD
 Sample : P2294-02
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOOT-PRINT-A-2

Quant Time: Apr 30 01:02:45 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)

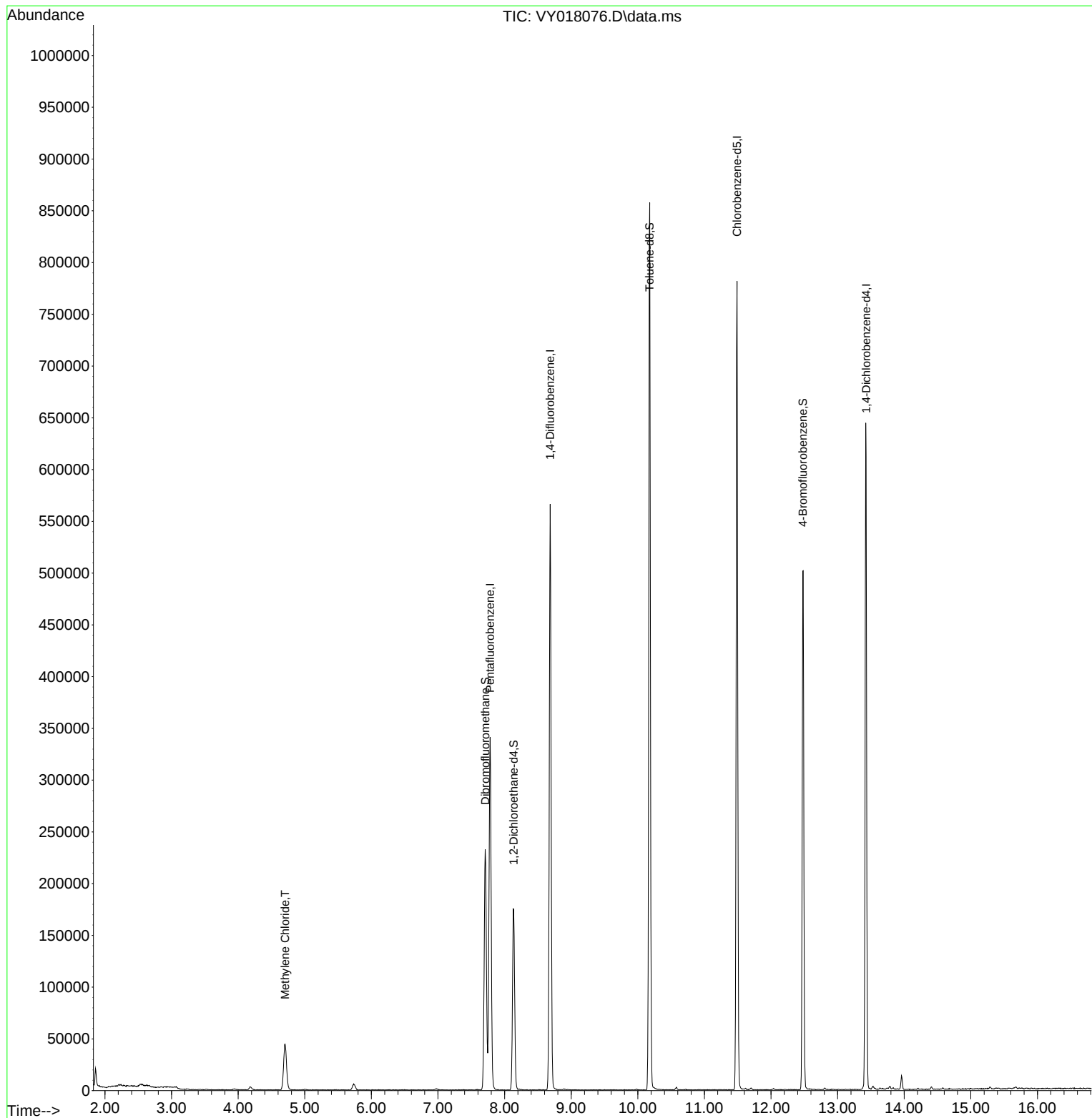
Internal Standards						
1) Pentafluorobenzene	7.782	168	289350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	467939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129743	51.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.709	113	168612	52.406	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.178	98	592269	48.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.477	95	159839	42.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.540%	
Target Compounds						
20) Methylene Chloride	4.704	84	38832	11.585	ug/l	Qvalue 93

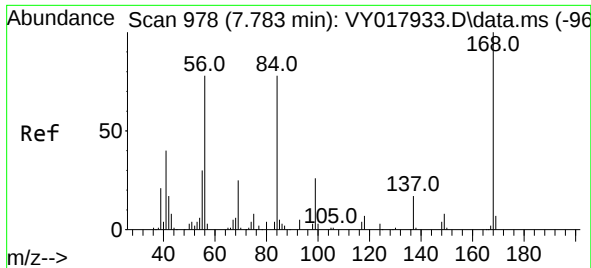
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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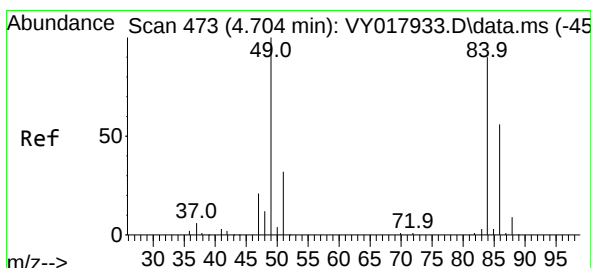
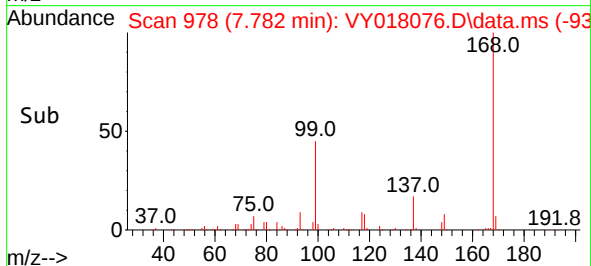
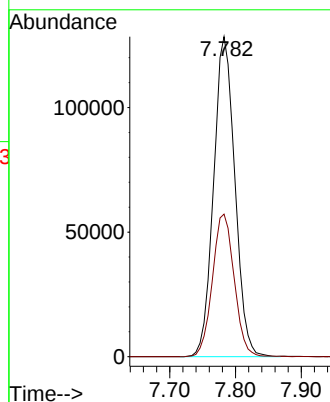
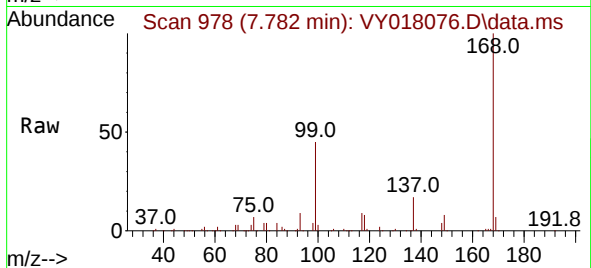




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

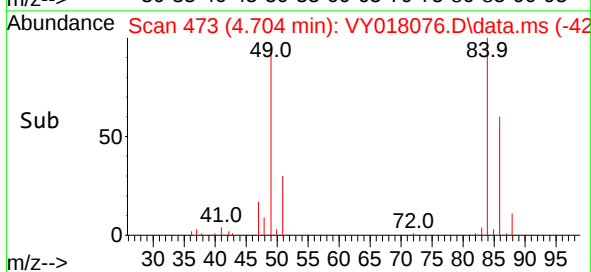
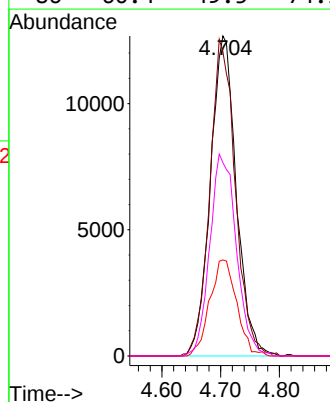
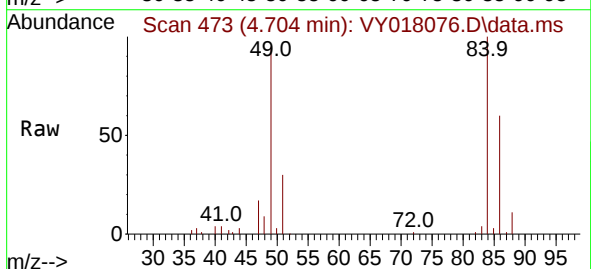
Instrument :
MSVOA_Y
ClientSampleId :
FOOT-PRINT-A-2

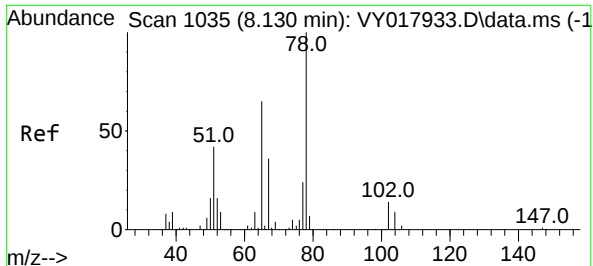
Tgt Ion:168 Resp: 289350
Ion Ratio Lower Upper
168 100
99 44.6 39.1 58.7



#20
Methylene Chloride
Concen: 11.585 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

Tgt Ion: 84 Resp: 38832
Ion Ratio Lower Upper
84 100
49 95.0 84.4 126.6
51 30.0 26.0 39.0
86 60.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.815 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018076.D

Acq: 29 Apr 2024 18:18

Instrument :

MSVOA_Y

ClientSampleId :

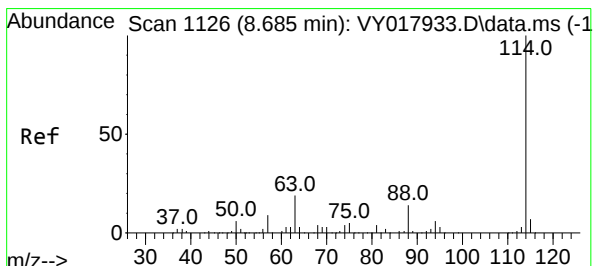
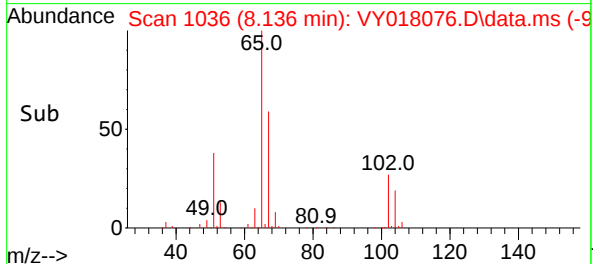
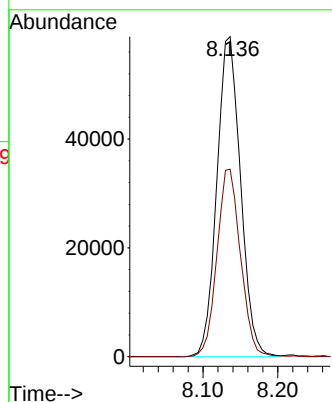
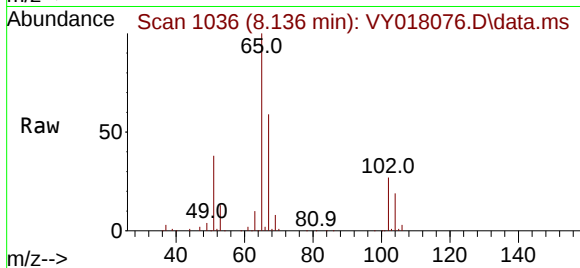
FOOT-PRINT-A-2

Tgt Ion: 65 Resp: 129743

Ion Ratio Lower Upper

65 100

67 58.2 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: VY018076.D

Acq: 29 Apr 2024 18:18

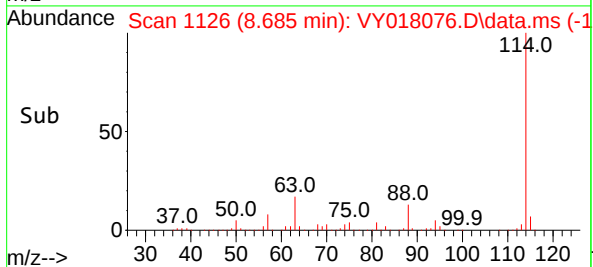
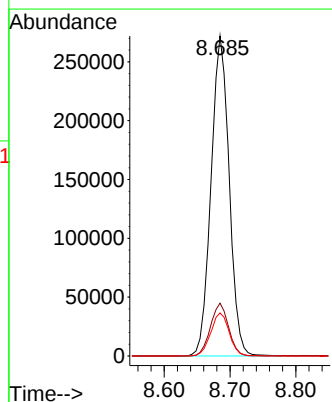
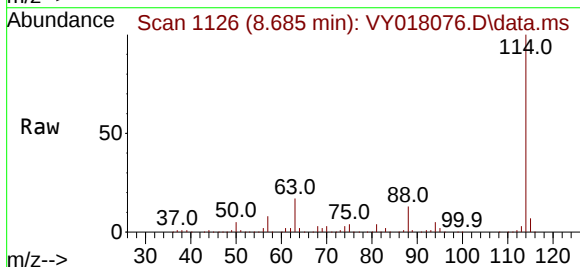
Tgt Ion: 114 Resp: 521517

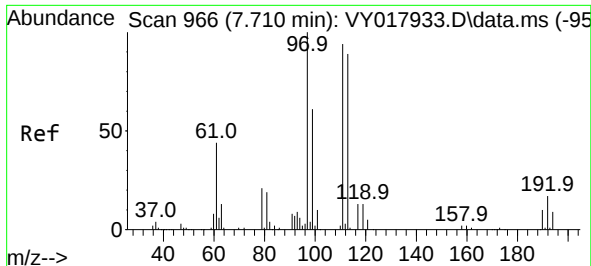
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.4 0.0 27.2

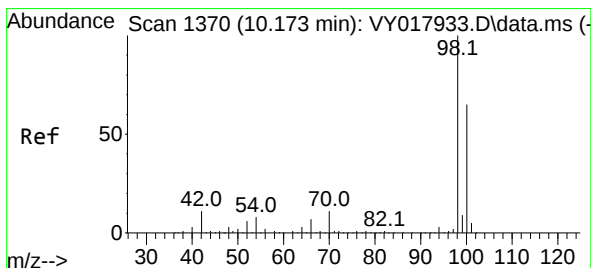
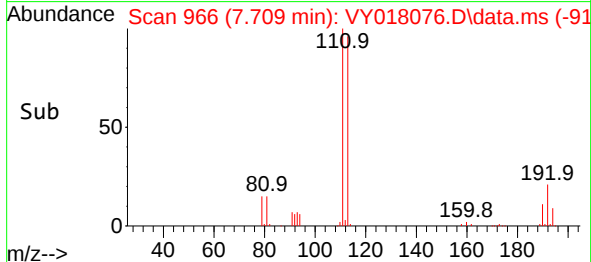
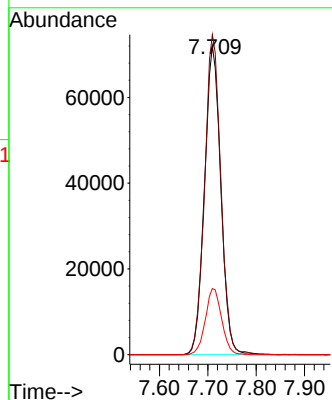
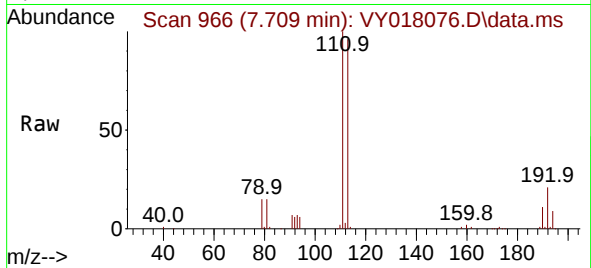




#35
Dibromofluoromethane
Concen: 52.406 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

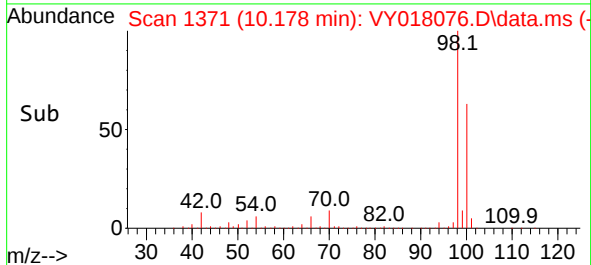
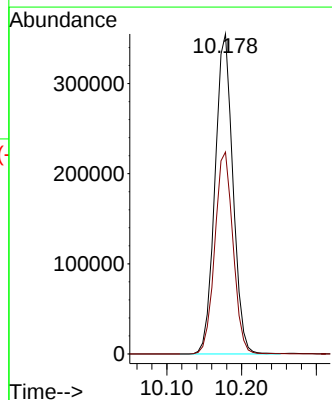
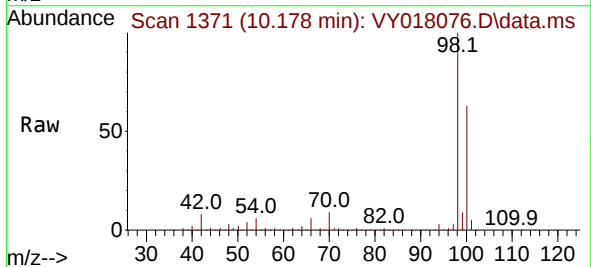
Instrument :
MSVOA_Y
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FOOT-PRINT-A-2

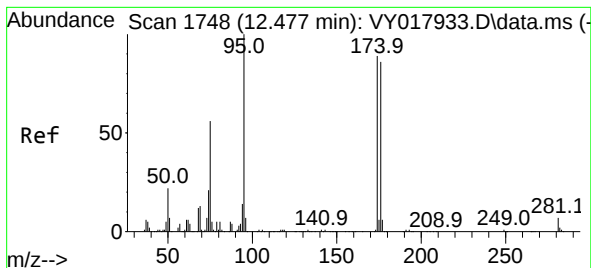
Tgt Ion:113 Resp: 168612
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 21.4 15.9 23.9



#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

Tgt Ion: 98 Resp: 592269
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

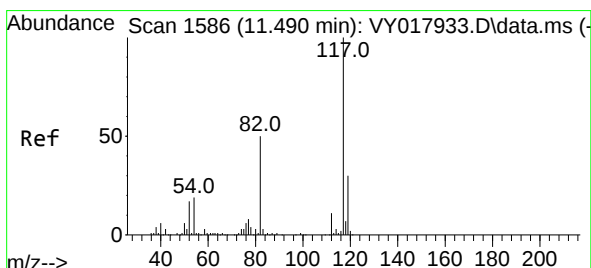
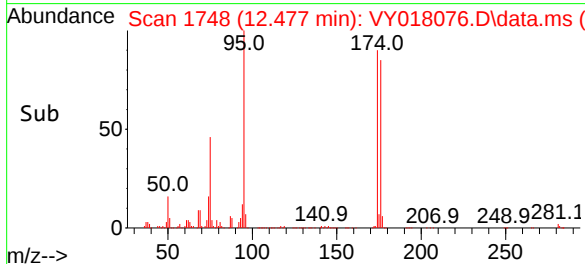
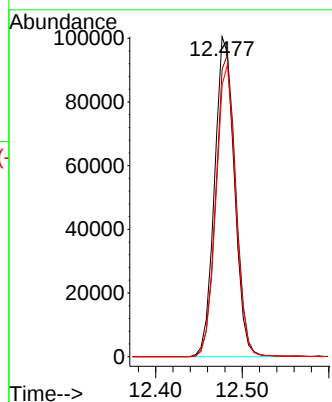
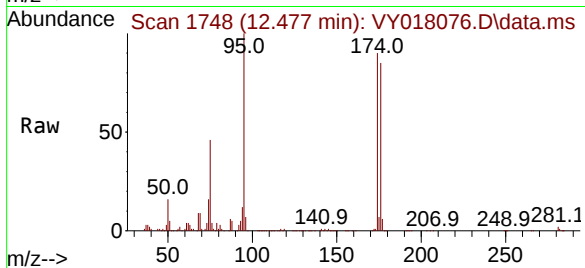




#62
4-Bromofluorobenzene
Concen: 42.274 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

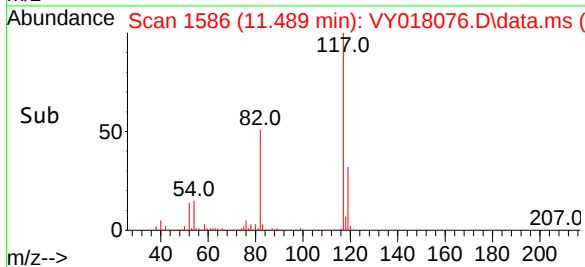
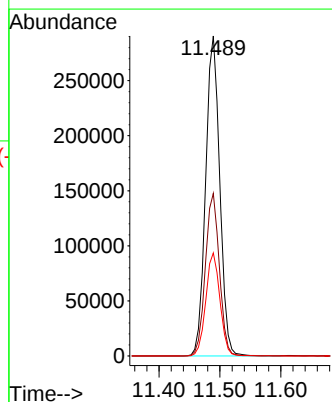
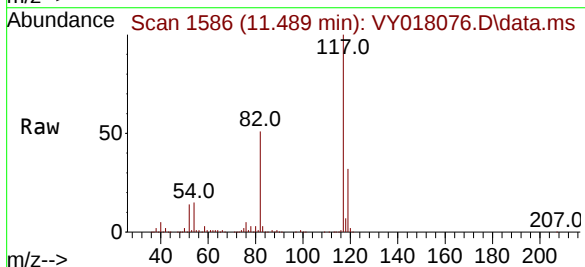
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ClientSampleId :
FOOT-PRINT-A-2

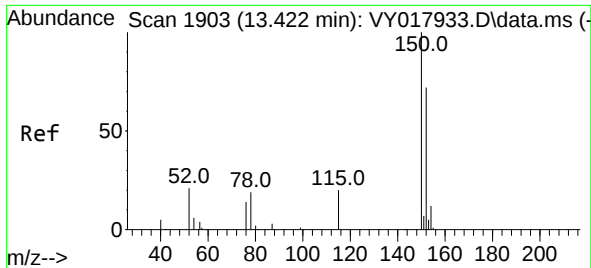
Tgt Ion: 95 Resp: 159839
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 90.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018076.D
Acq: 29 Apr 2024 18:18

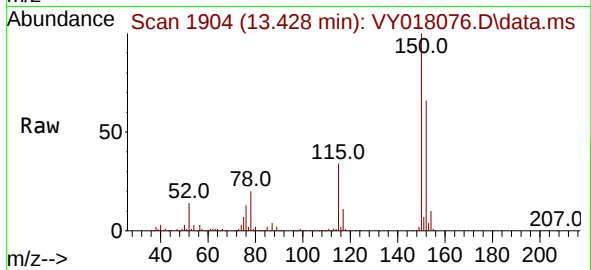
Tgt Ion: 117 Resp: 467939
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY018076.D
 Acq: 29 Apr 2024 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOOT-PRINT-A-2



Tgt Ion:152 Resp: 182391

Ion	Ratio	Lower	Upper
152	100		
115	53.3	28.2	84.7
150	156.2	0.0	345.6

