

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018019.D
 Acq On : 23 Apr 2024 11:25
 Operator : SY/MD
 Sample : P2227-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-04222024

Quant Time: Apr 24 01:12:54 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)

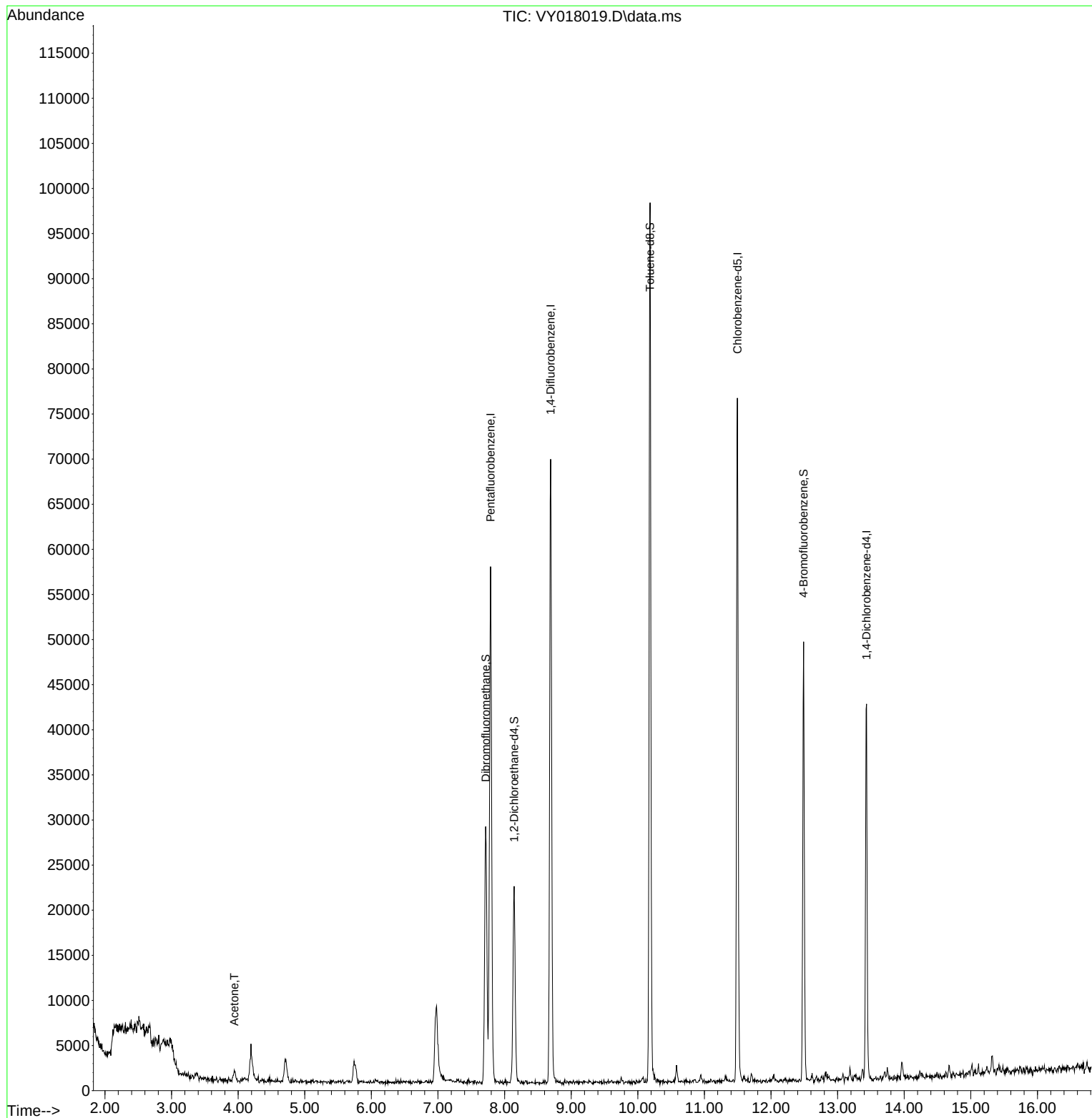
Internal Standards						
1) Pentafluorobenzene	7.789	168	45144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	44795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	11581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16675	42.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.360%
35) Dibromofluoromethane	7.716	113	20762	52.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.185	98	68837	46.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.489	95	13071	28.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.720%
Target Compounds						
16) Acetone	3.942	43	1808	23.422	ug/l	Qvalue # 84

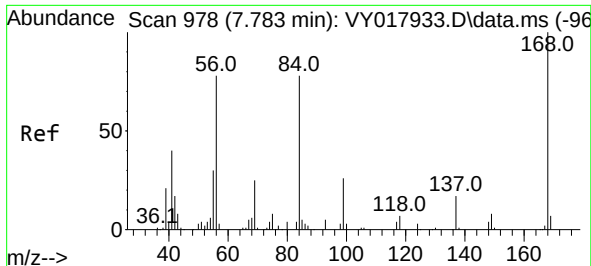
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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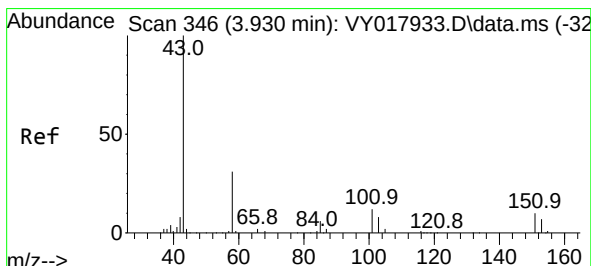
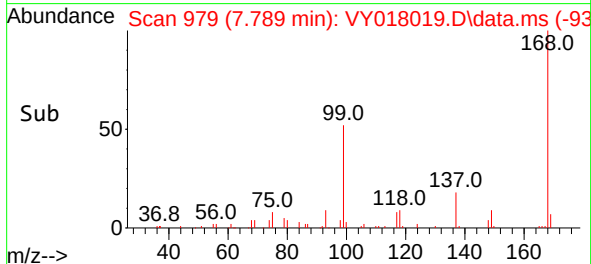
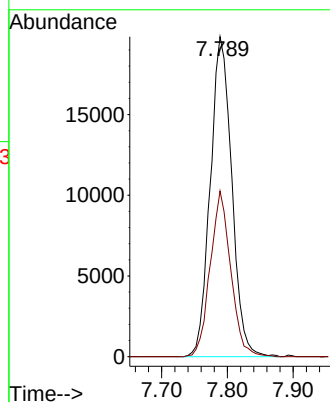
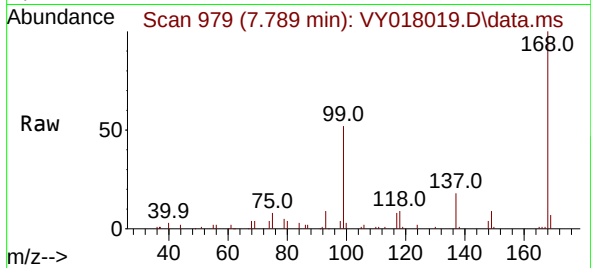




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

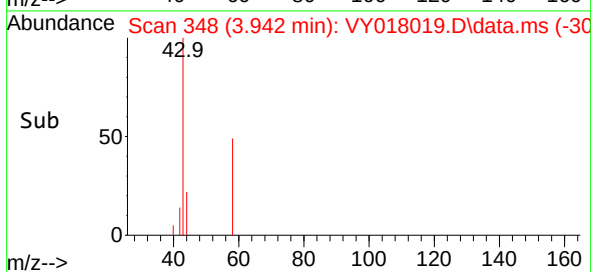
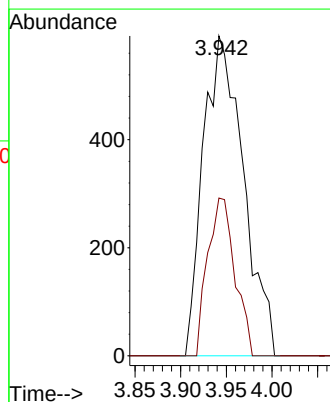
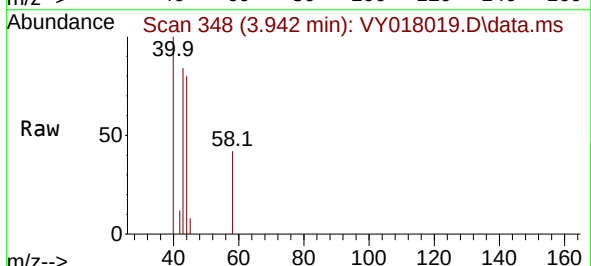
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-04222024

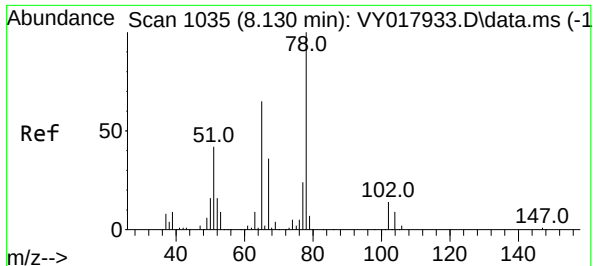
Tgt Ion:168 Resp: 45144
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#16
Acetone
Concen: 23.422 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 49.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 42.684 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY018019.D

Acq: 23 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

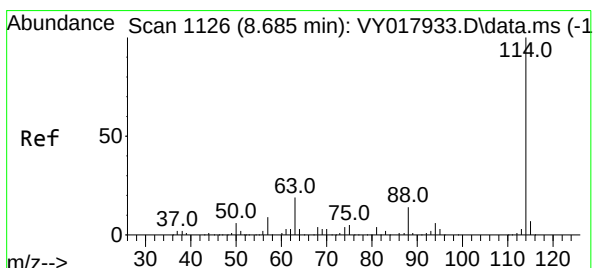
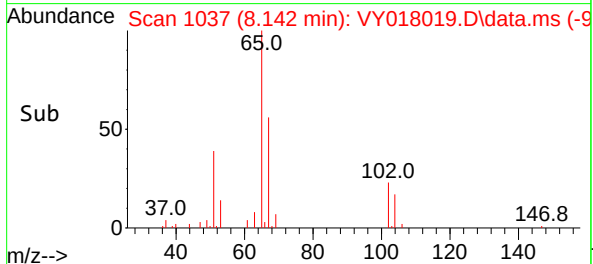
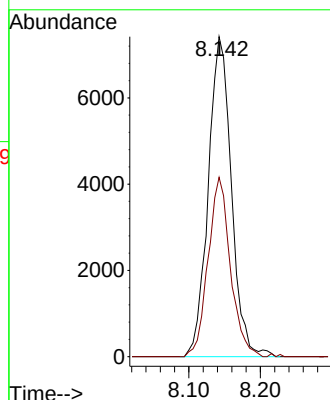
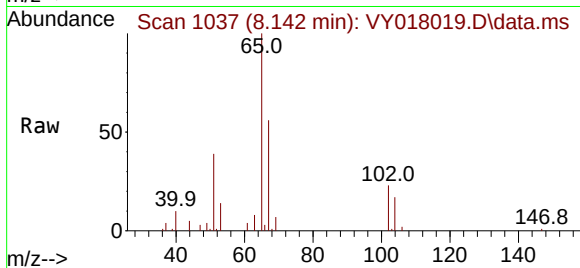
HD-02-04222024

Tgt Ion: 65 Resp: 16675

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY018019.D

Acq: 23 Apr 2024 11:25

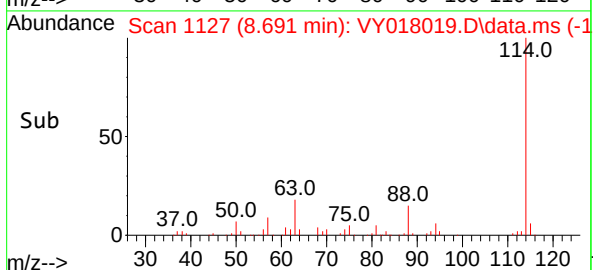
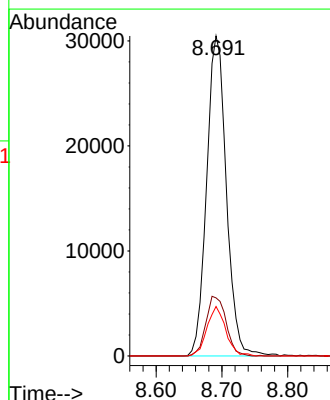
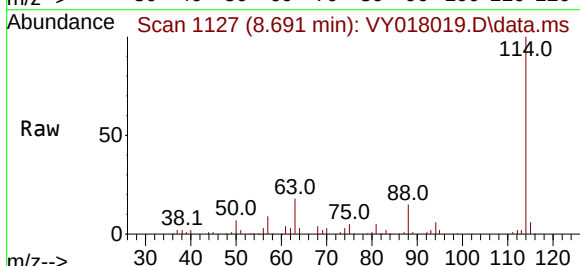
Tgt Ion: 114 Resp: 63568

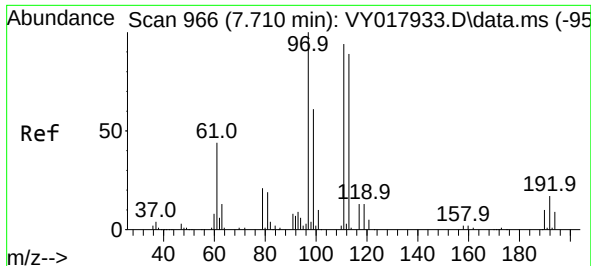
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.4 0.0 27.2

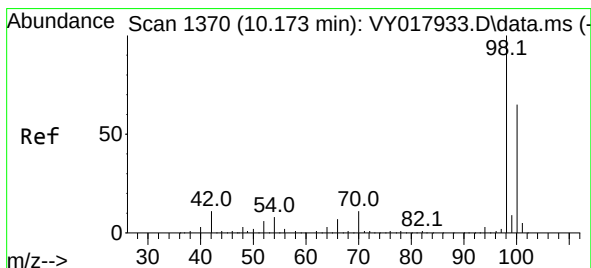
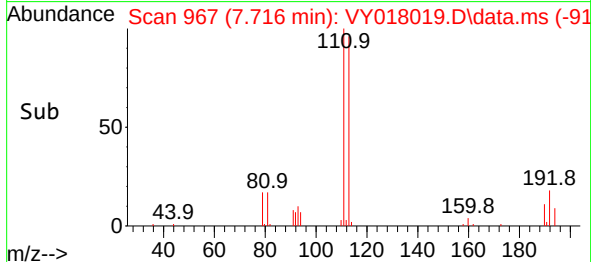
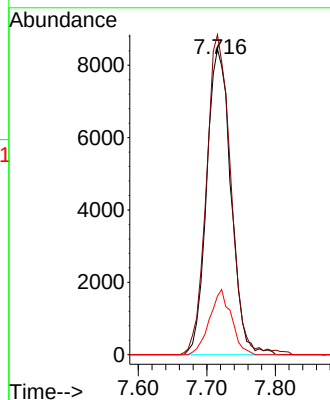
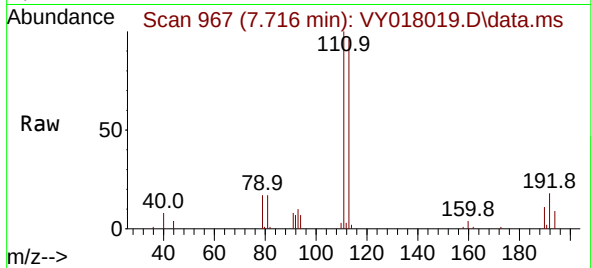




#35
Dibromofluoromethane
Concen: 52.941 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

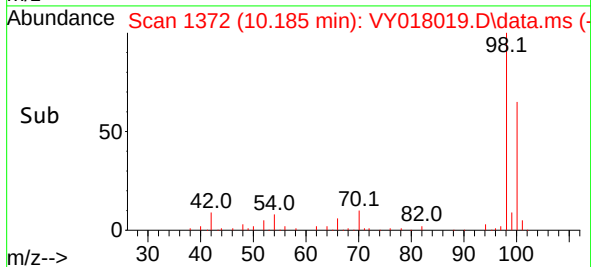
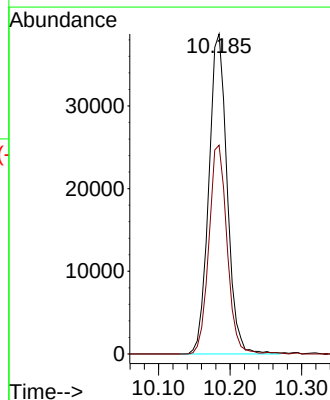
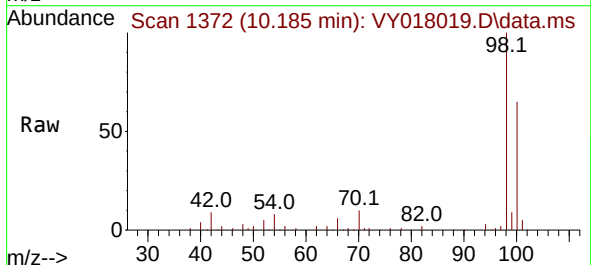
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-04222024

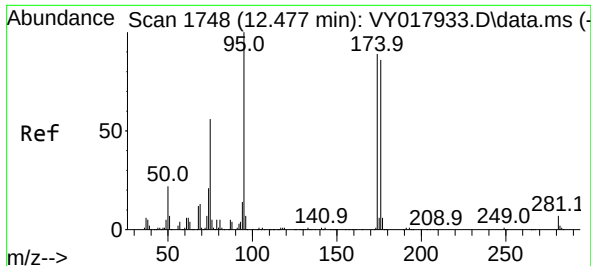
Tgt Ion:113 Resp: 20762
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 46.258 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

Tgt Ion: 98 Resp: 68837
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

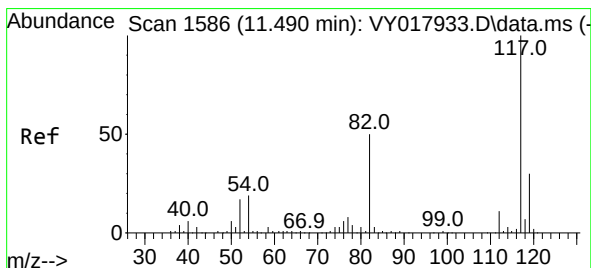
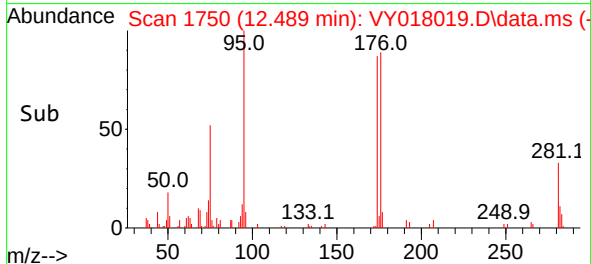
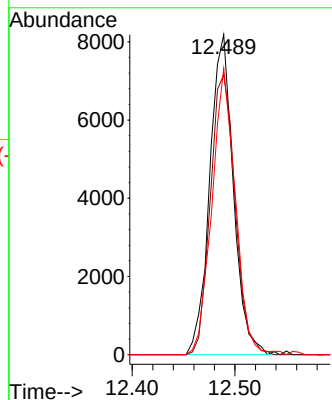
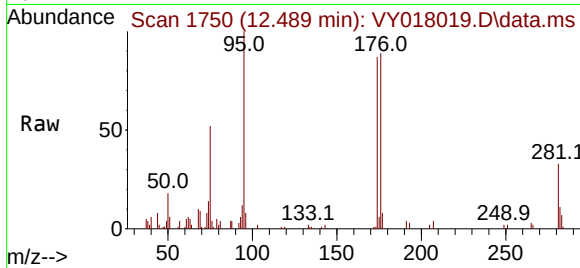




#62
4-Bromofluorobenzene
Concen: 28.361 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

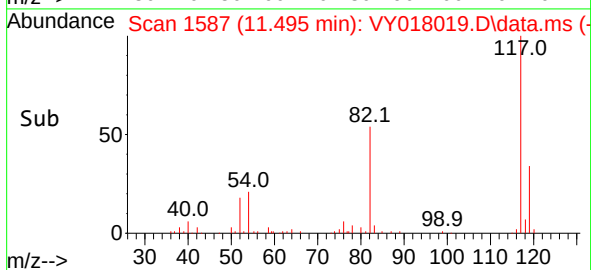
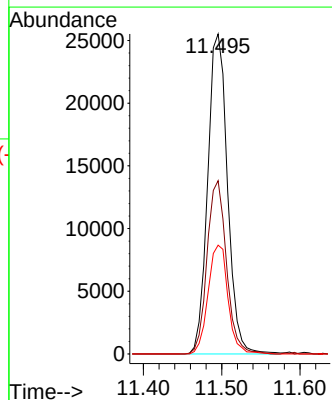
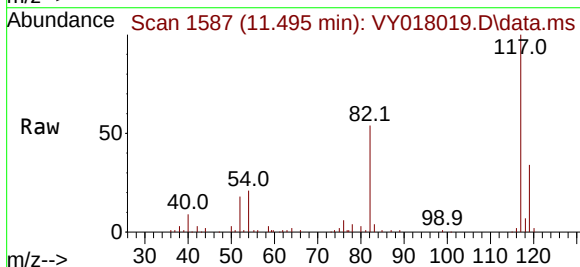
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-04222024

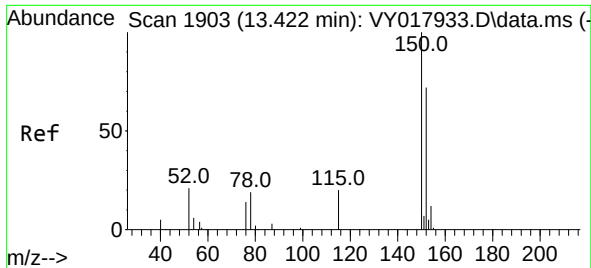
Tgt Ion:	95	Resp:	13071
Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	175.6
176	88.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018019.D
Acq: 23 Apr 2024 11:25

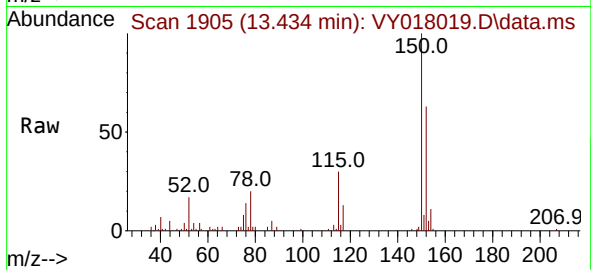
Tgt Ion:	117	Resp:	44795
Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.4	63.6
119	34.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY018019.D
 Acq: 23 Apr 2024 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-04222024



Tgt Ion:152 Resp: 11581
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 162.6 0.0 345.6

