

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017973.D
 Acq On : 18 Apr 2024 14:03
 Operator : SY/MD
 Sample : P2147-08
 Misc : 6.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-4

Quant Time: Apr 19 02:01:04 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)

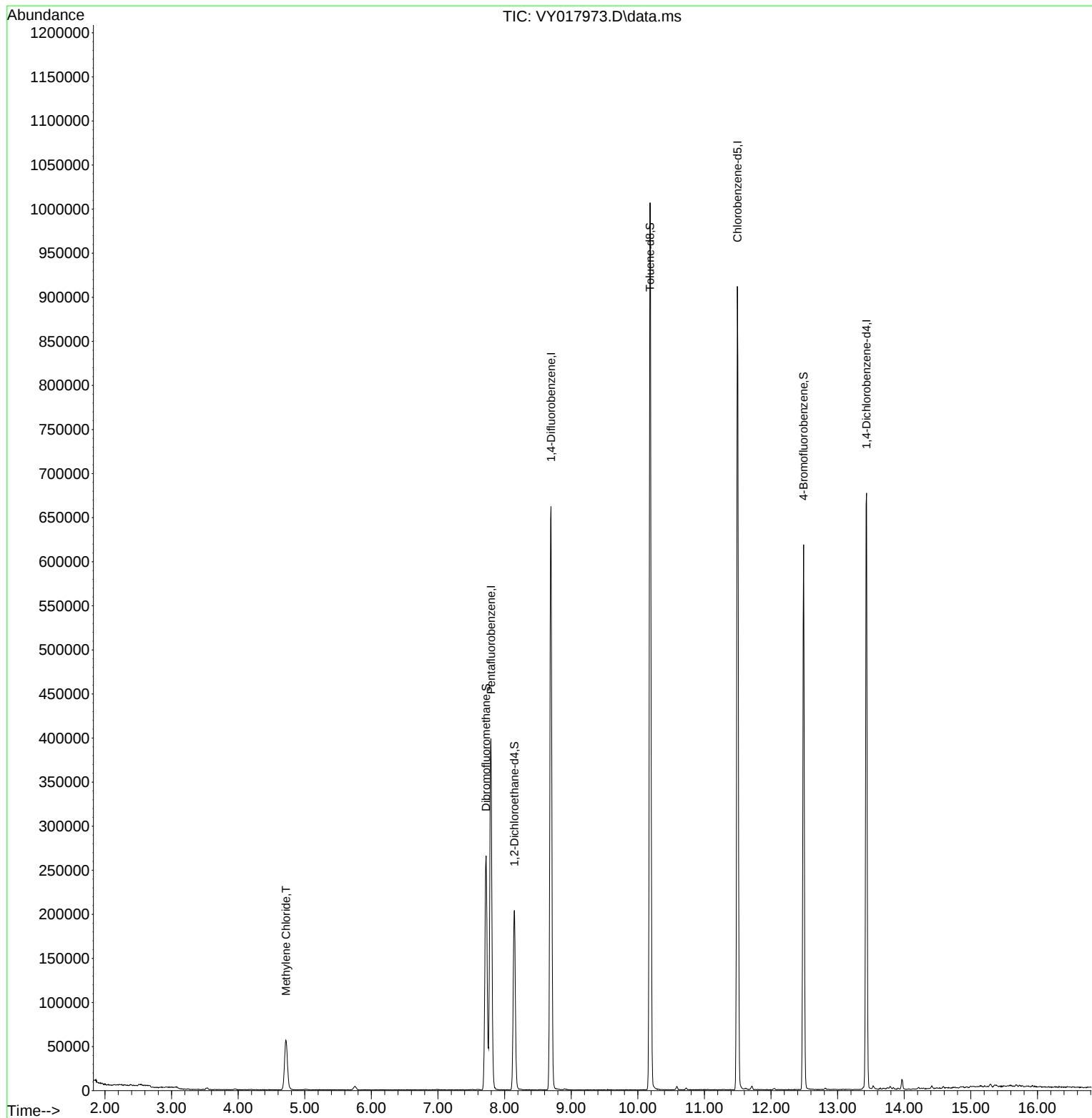
Internal Standards						
1) Pentafluorobenzene	7.795	168	340894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	608400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	541327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	192197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	155883	52.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.722	113	191527	51.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.060%	
50) Toluene-d8	10.185	98	698196	49.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.040%	
62) 4-Bromofluorobenzene	12.489	95	184820	41.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.800%	
Target Compounds						
20) Methylene Chloride	4.716	84	47041	11.912	ug/l	Qvalue 97

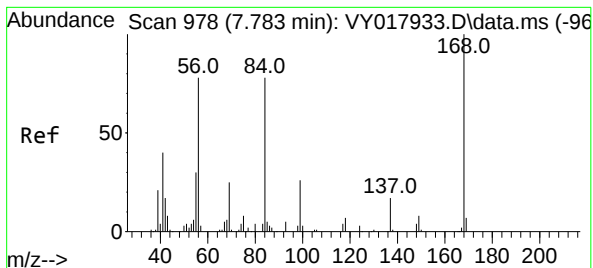
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017973.D
Acq On : 18 Apr 2024 14:03
Operator : SY/MD
Sample : P2147-08
Misc : 6.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

Quant Time: Apr 19 02:01:04 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

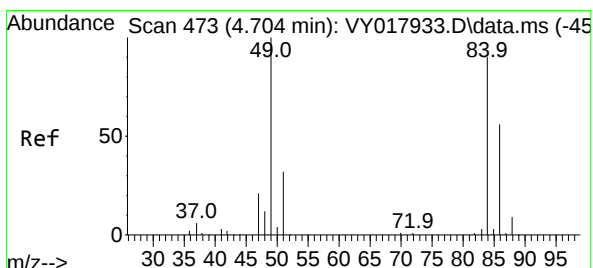
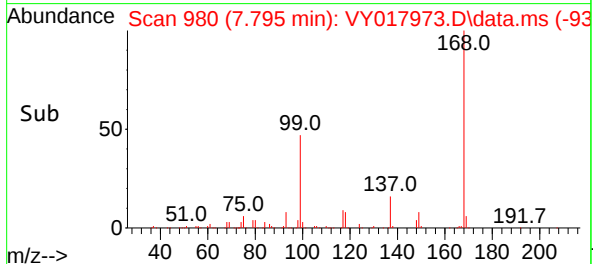
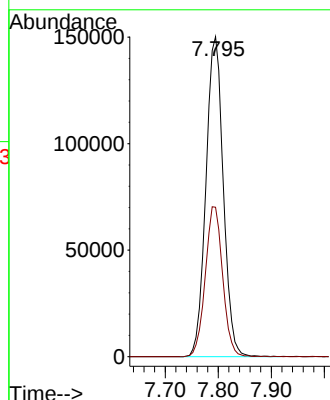
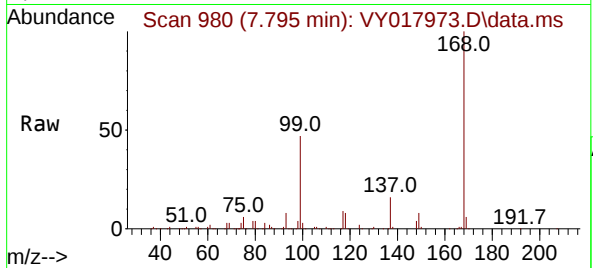




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

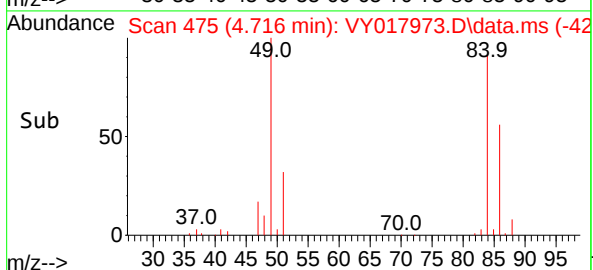
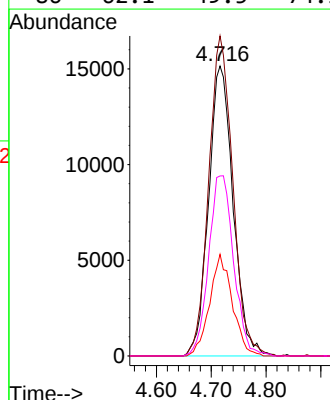
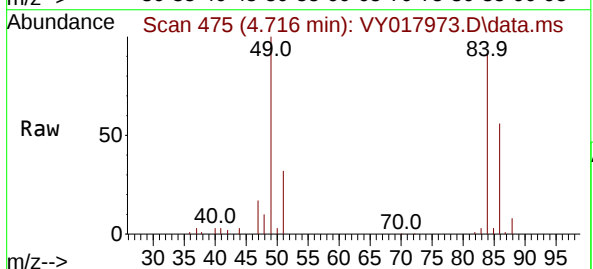
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

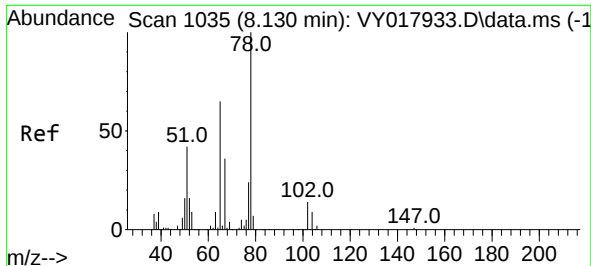
Tgt Ion:168 Resp: 340894
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#20
Methylene Chloride
Concen: 11.912 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

Tgt Ion: 84 Resp: 47041
Ion Ratio Lower Upper
84 100
49 110.4 84.4 126.6
51 35.1 26.0 39.0
86 62.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.842 ug/l

RT: 8.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017973.D

Acq: 18 Apr 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

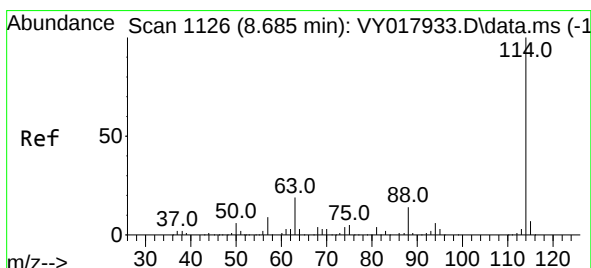
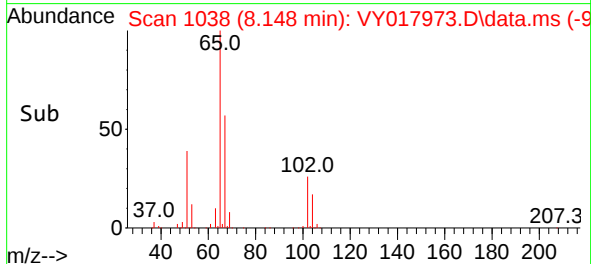
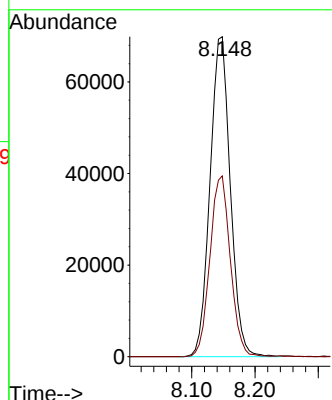
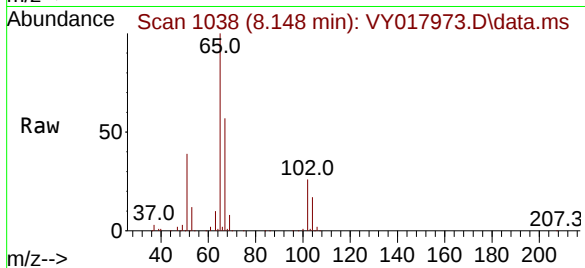
GRAB-4

Tgt Ion: 65 Resp: 155883

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017973.D

Acq: 18 Apr 2024 14:03

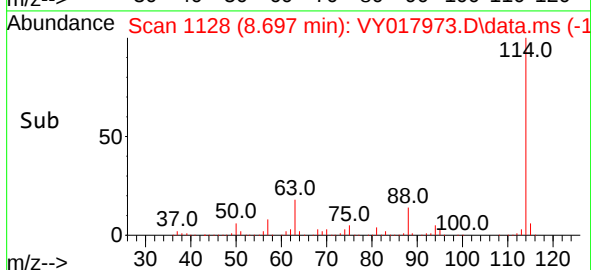
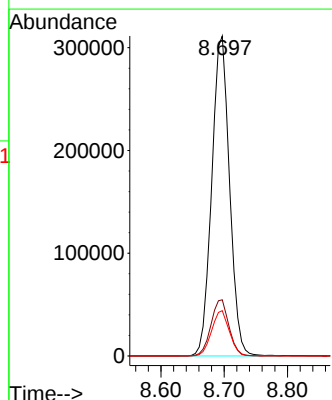
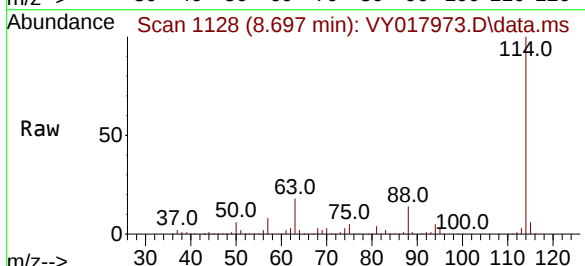
Tgt Ion: 114 Resp: 608400

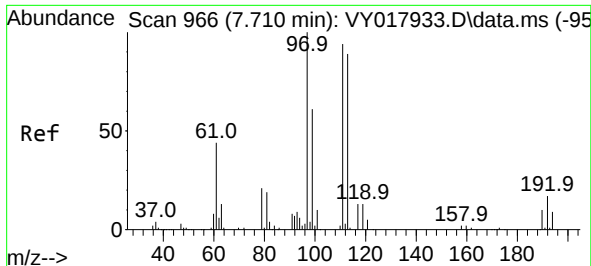
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.2 0.0 27.2

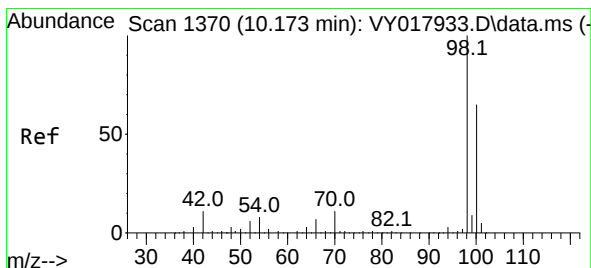
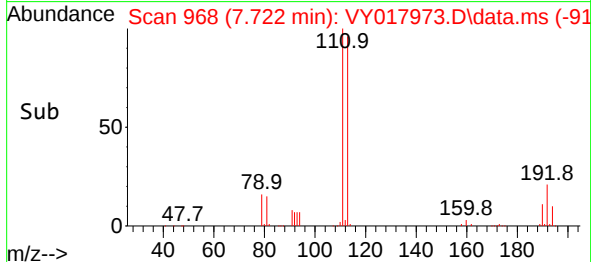
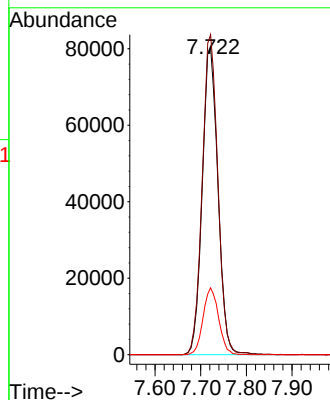
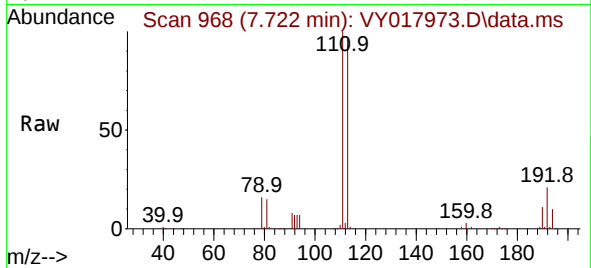




#35
Dibromofluoromethane
Concen: 51.027 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

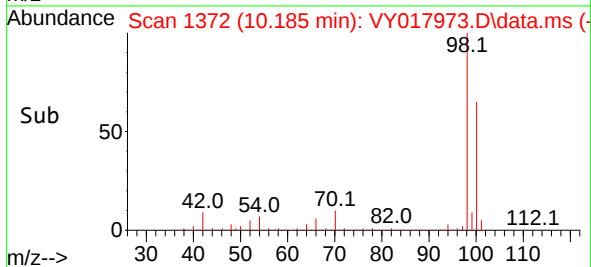
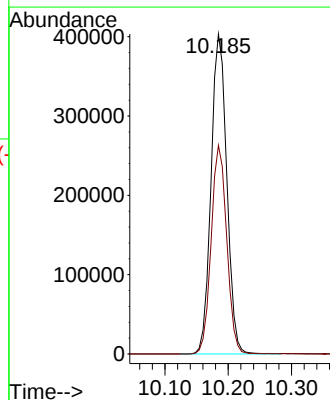
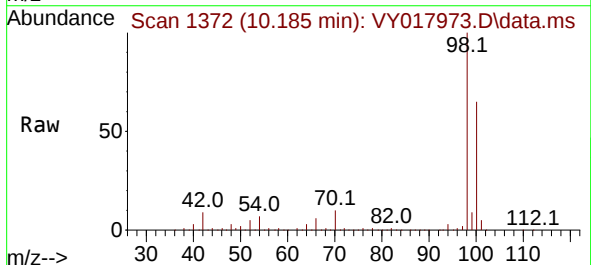
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

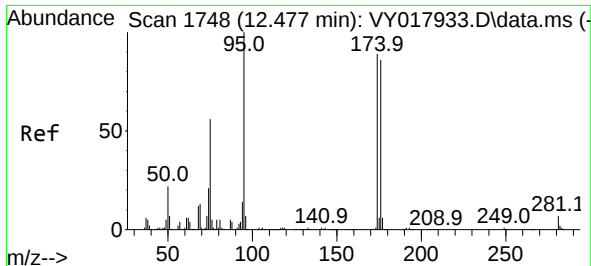
Tgt Ion:113 Resp: 191527
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 21.5 15.9 23.9



#50
Toluene-d8
Concen: 49.022 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

Tgt Ion: 98 Resp: 698196
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

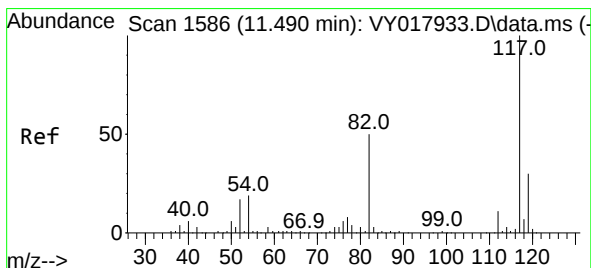
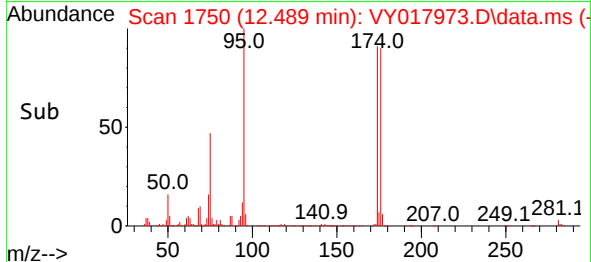
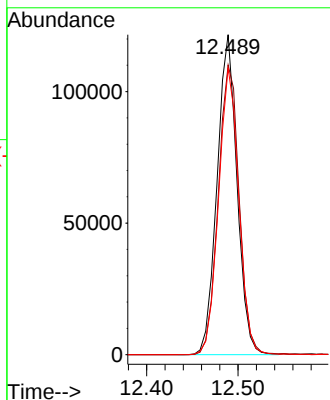
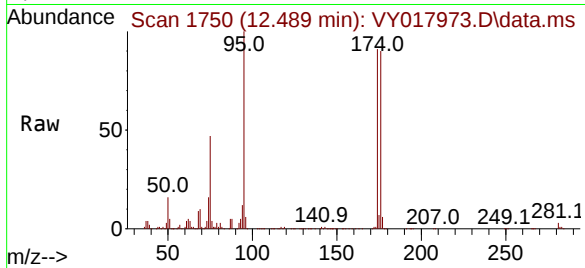




#62
4-Bromofluorobenzene
Concen: 41.900 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

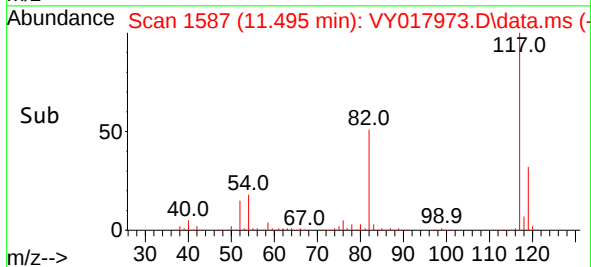
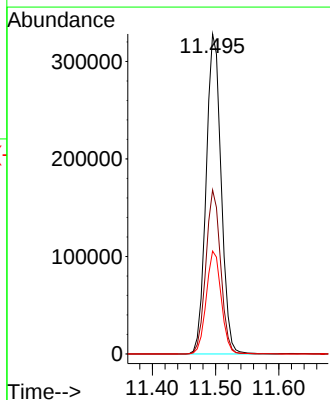
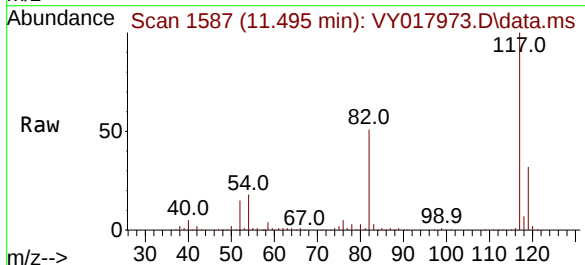
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-4

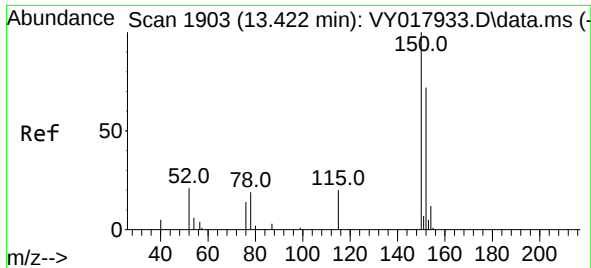
Tgt Ion: 95 Resp: 184820
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 90.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017973.D
Acq: 18 Apr 2024 14:03

Tgt Ion: 117 Resp: 541327
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.2 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: VY017973.D

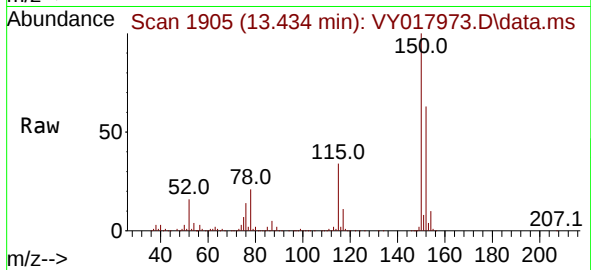
Acq: 18 Apr 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-4



Tgt Ion:152 Resp: 192197

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 156.1 0.0 345.6

