

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017975.D
 Acq On : 18 Apr 2024 14:51
 Operator : SY/MD
 Sample : P2147-10
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-6

Quant Time: Apr 19 02:01:36 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)

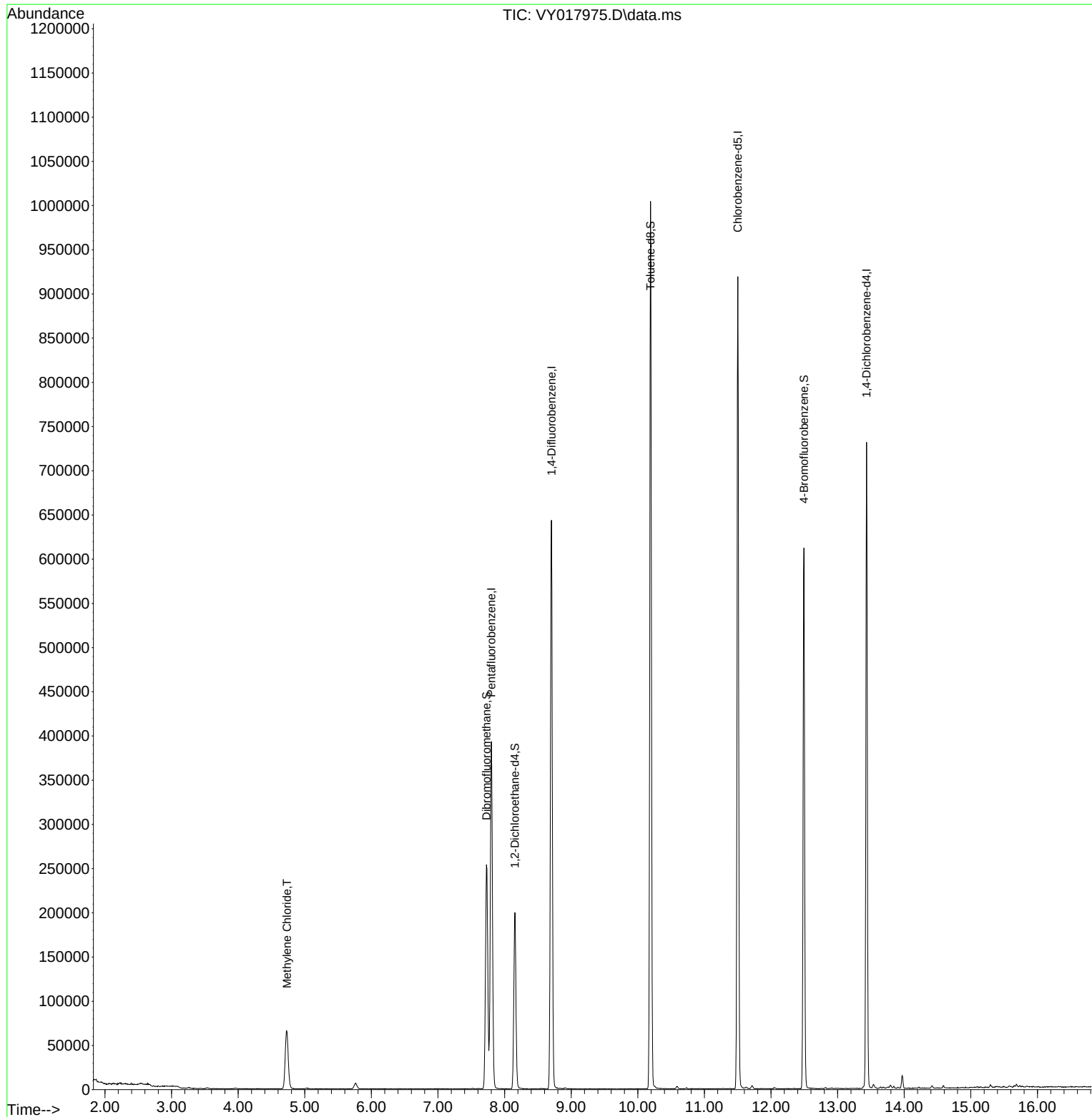
Internal Standards						
1) Pentafluorobenzene	7.801	168	332732	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	588698	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	532549	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	199389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	151575	52.642	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.280%
35) Dibromofluoromethane	7.728	113	188405	51.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.191	98	680584	49.385	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.495	95	187143	43.847	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.700%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.734	84	56310	14.609	ug/l	97

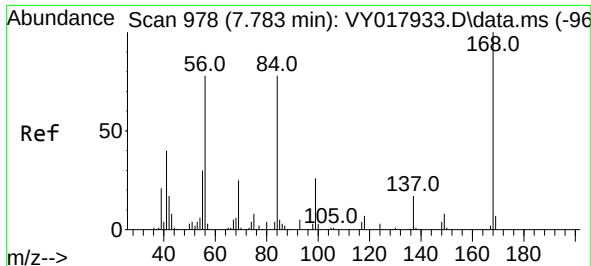
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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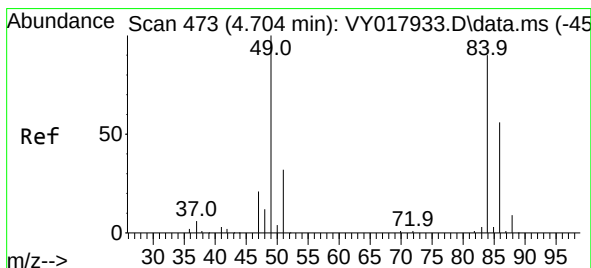
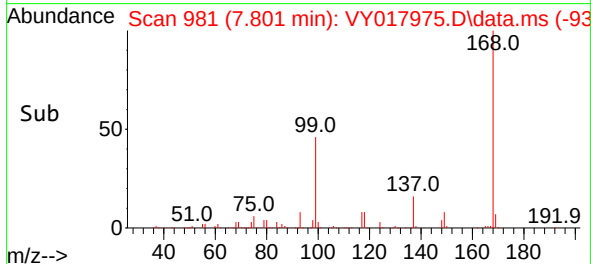
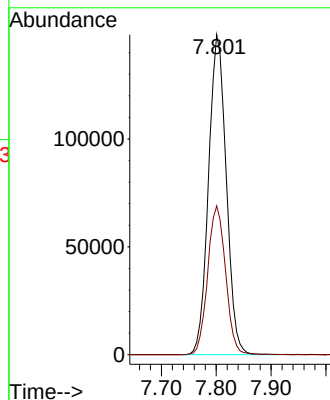
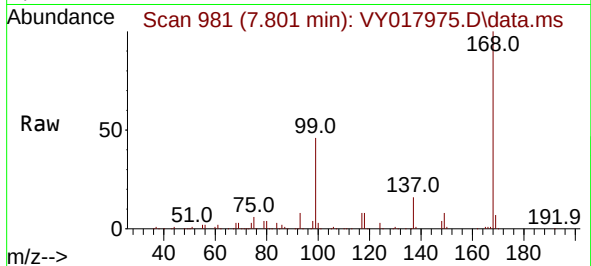




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

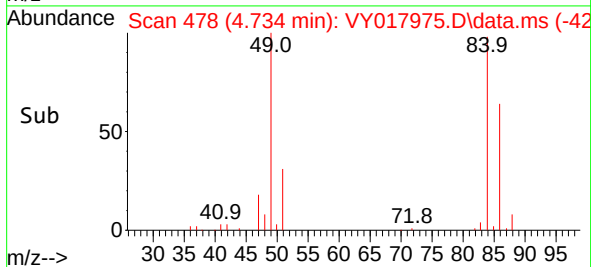
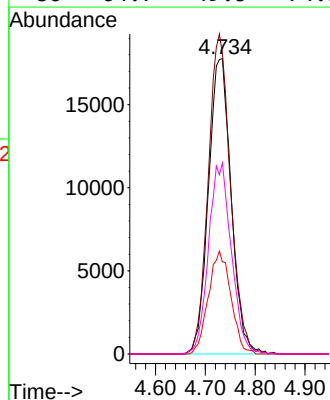
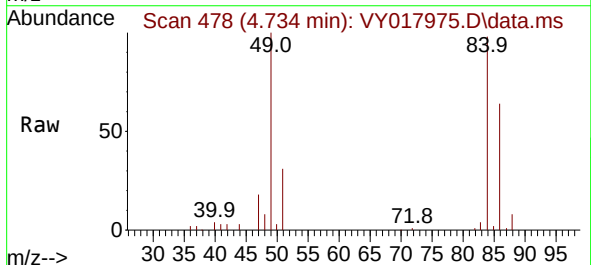
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

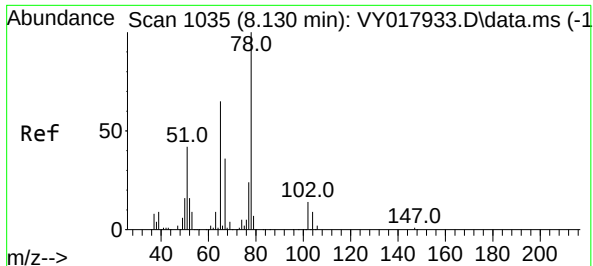
Tgt Ion:168 Resp: 332732
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#20
Methylene Chloride
Concen: 14.609 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.018 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

Tgt Ion: 84 Resp: 56310
Ion Ratio Lower Upper
84 100
49 101.6 84.4 126.6
51 31.2 26.0 39.0
86 64.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.642 ug/l

RT: 8.154 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017975.D

Acq: 18 Apr 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

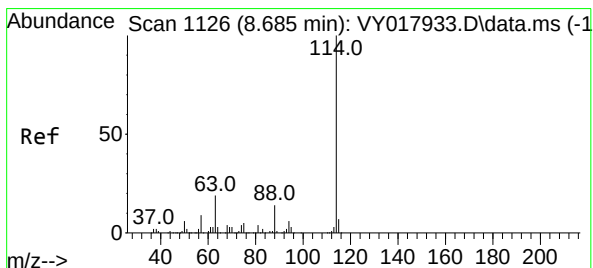
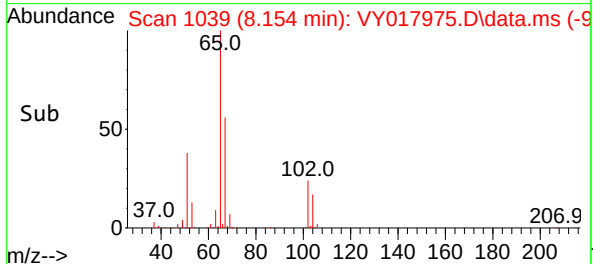
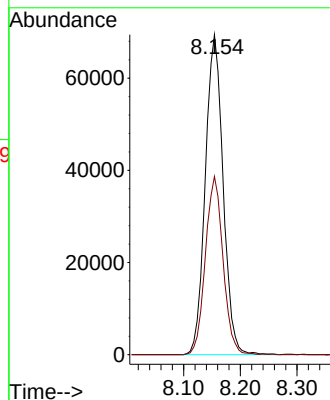
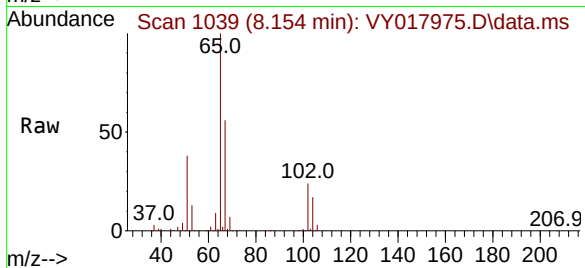
GRAB-6

Tgt Ion: 65 Resp: 151575

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017975.D

Acq: 18 Apr 2024 14:51

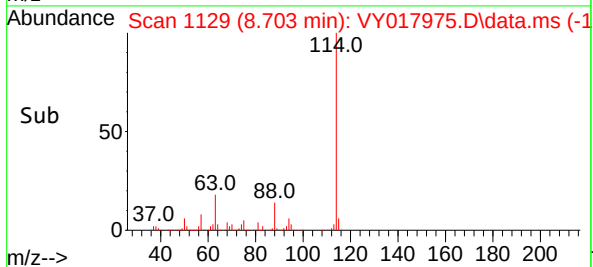
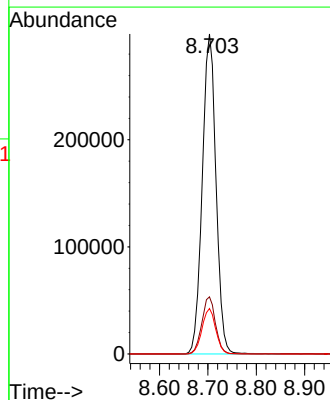
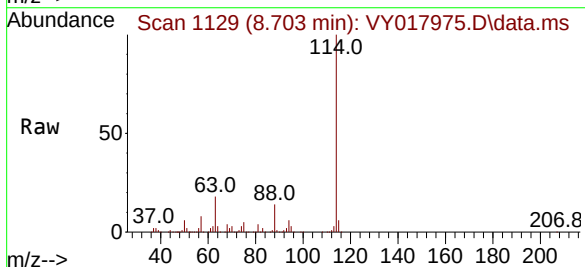
Tgt Ion:114 Resp: 588698

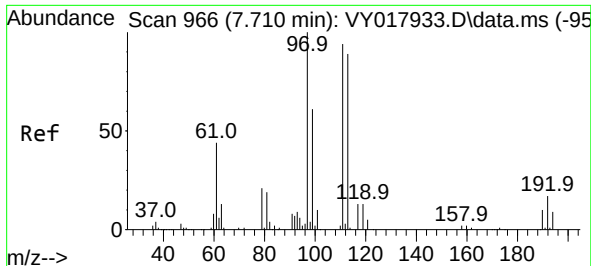
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.2 0.0 27.2

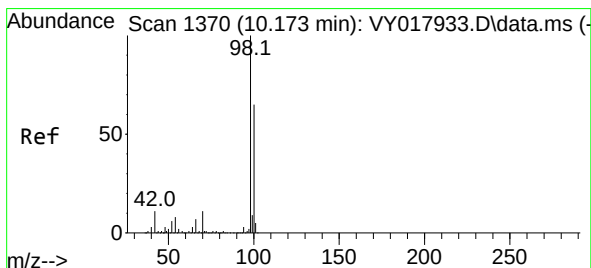
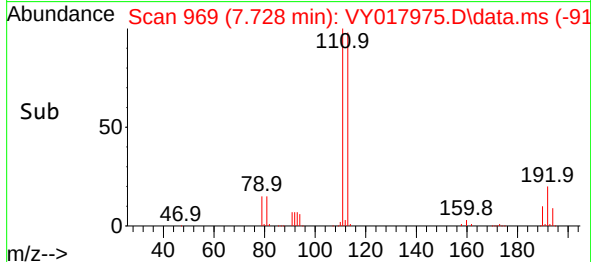
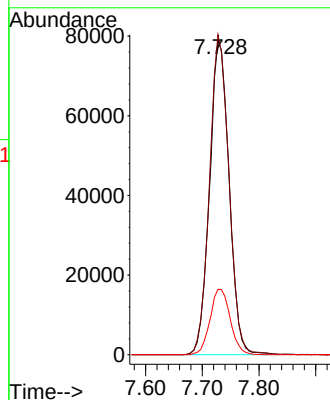
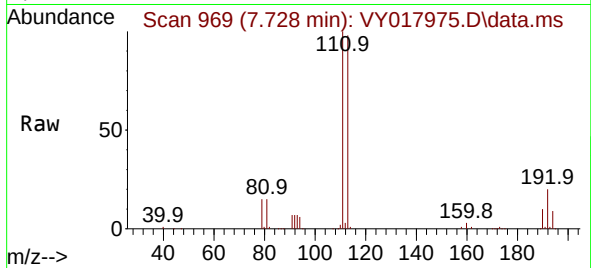




#35
Dibromofluoromethane
Concen: 51.875 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

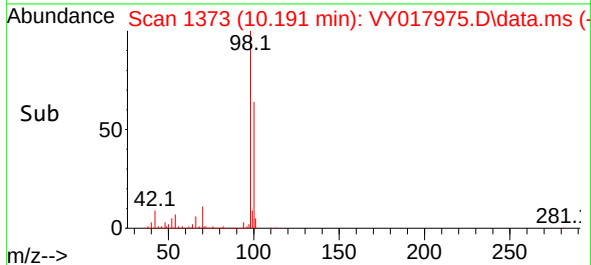
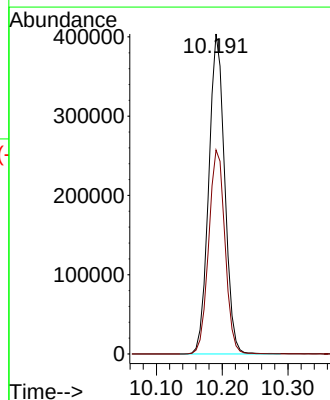
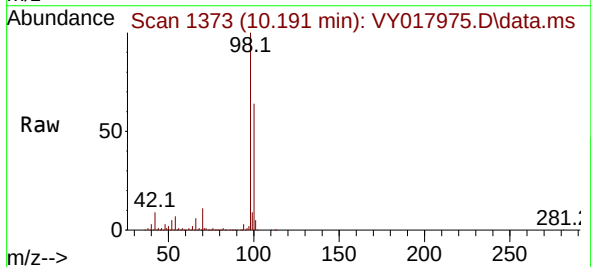
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

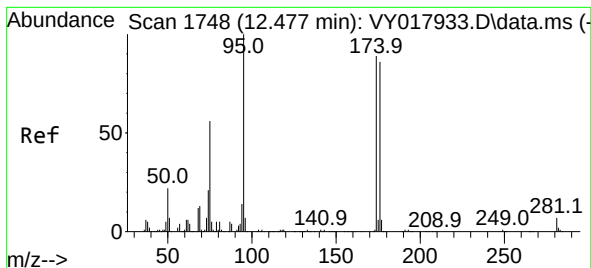
Tgt Ion:113 Resp: 188405
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.5 15.9 23.9



#50
Toluene-d8
Concen: 49.385 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

Tgt Ion: 98 Resp: 680584
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

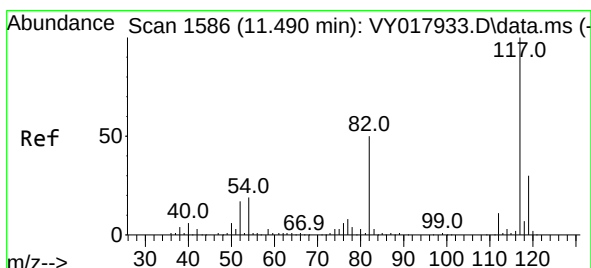
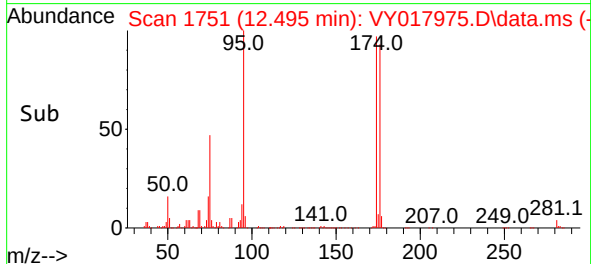
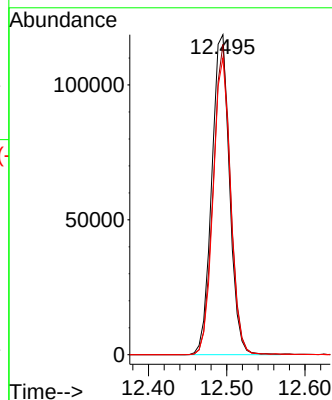
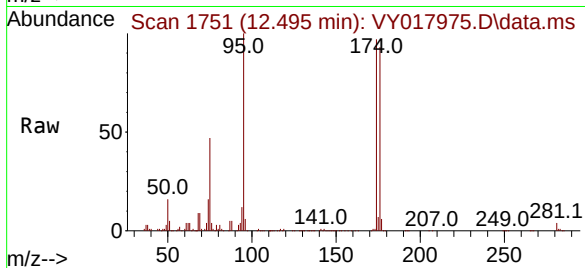




#62
4-Bromofluorobenzene
Concen: 43.847 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

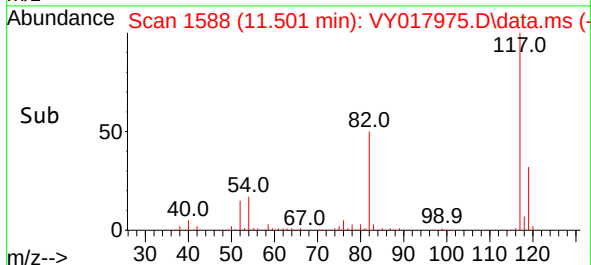
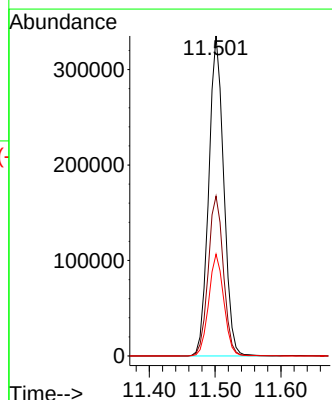
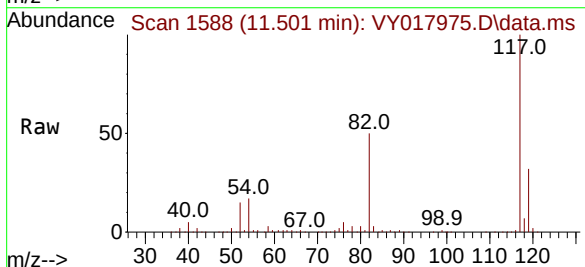
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

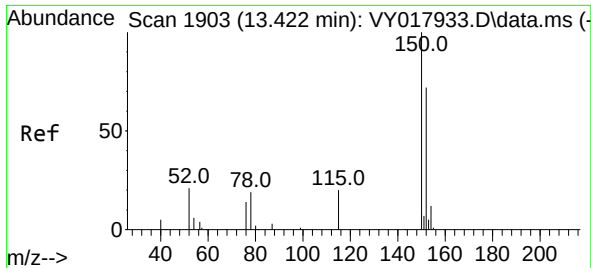
Tgt Ion: 95 Resp: 187143
Ion Ratio Lower Upper
95 100
174 94.5 0.0 175.6
176 90.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY017975.D
Acq: 18 Apr 2024 14:51

Tgt Ion: 117 Resp: 532549
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.8 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: VY017975.D

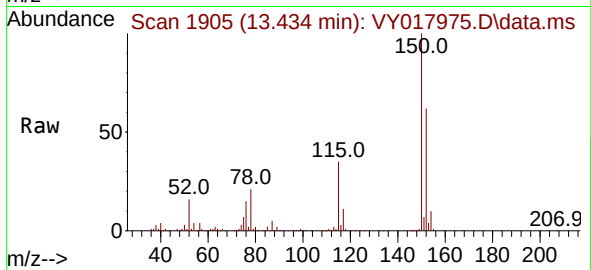
Acq: 18 Apr 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-6



Tgt Ion:152 Resp: 199389

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 157.6 0.0 345.6

