

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017976.D
 Acq On : 18 Apr 2024 15:15
 Operator : SY/MD
 Sample : P2147-11
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-7

Quant Time: Apr 19 02:01:52 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)

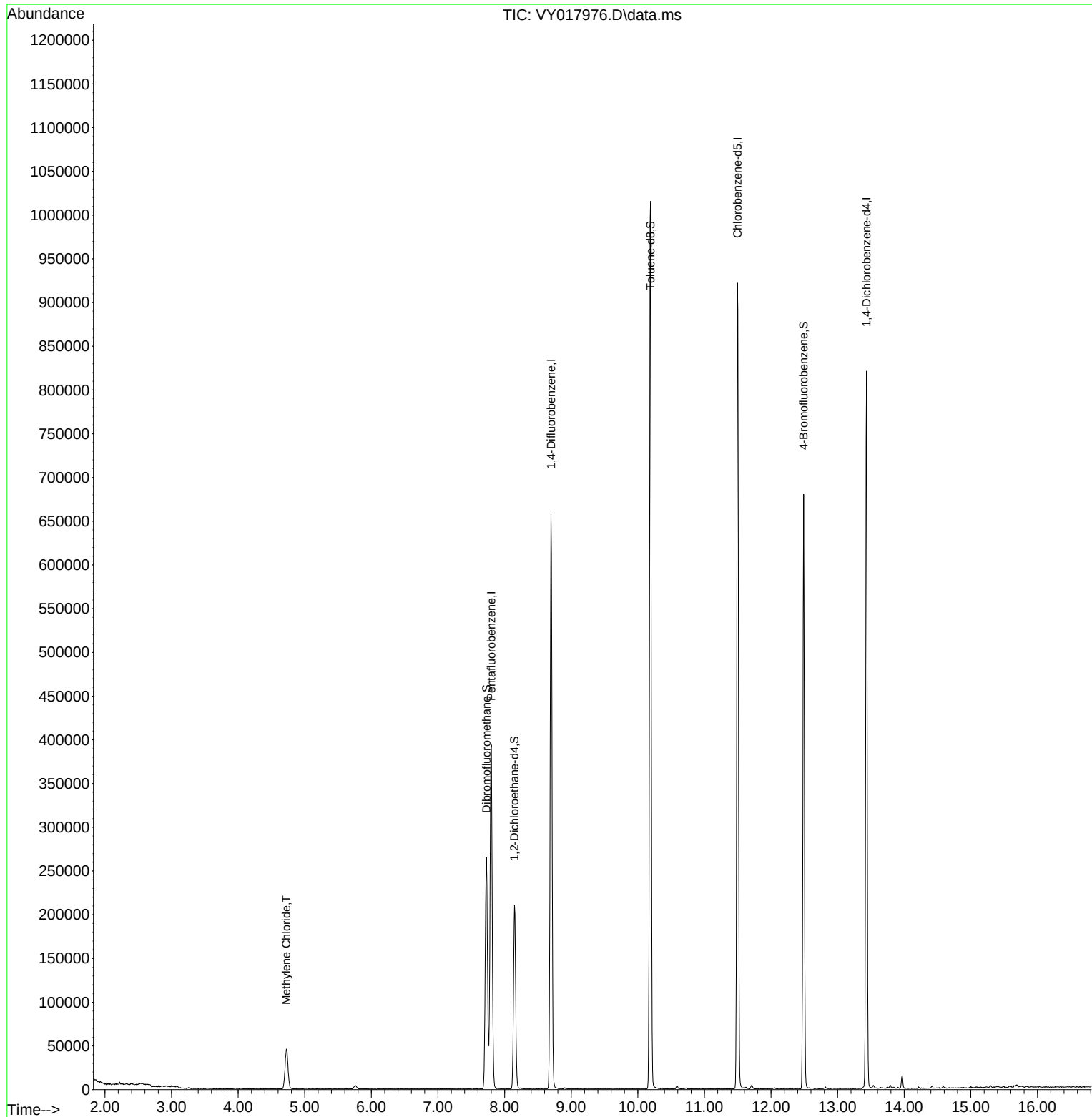
Internal Standards						
1) Pentafluorobenzene	7.801	168	339118	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	602808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	559400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	223921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	161581	55.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.120%
35) Dibromofluoromethane	7.728	113	193397	52.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.000%
50) Toluene-d8	10.191	98	699116	49.542	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.489	95	201305	46.061	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.120%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.722	84	38717	9.856	ug/l	96

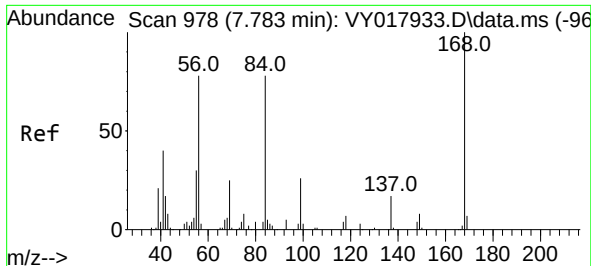
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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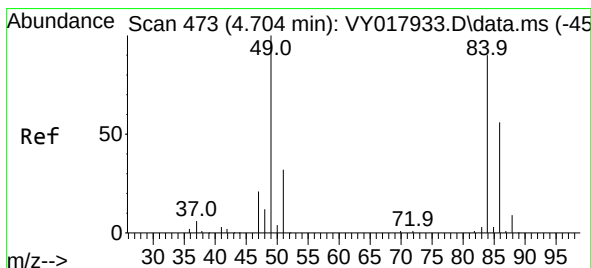
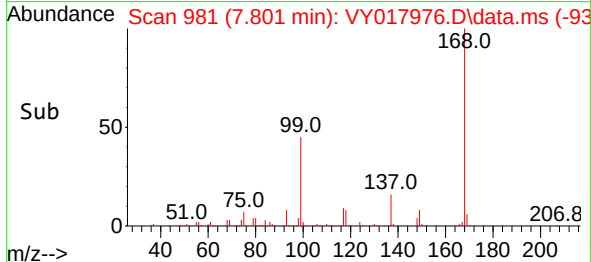
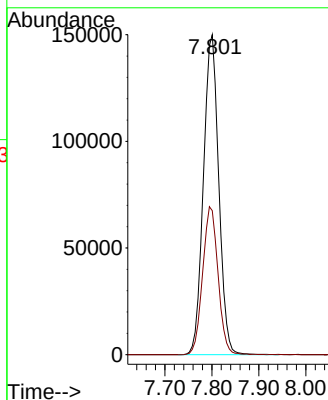
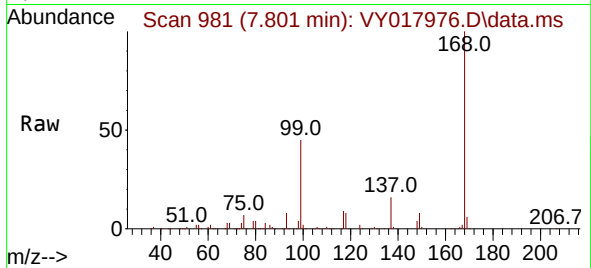




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

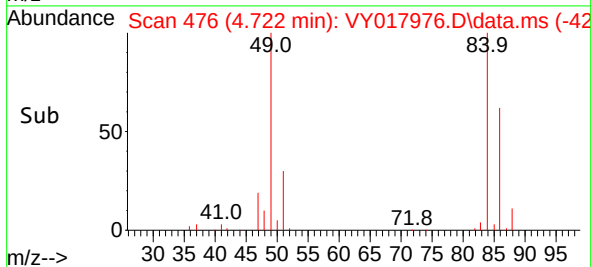
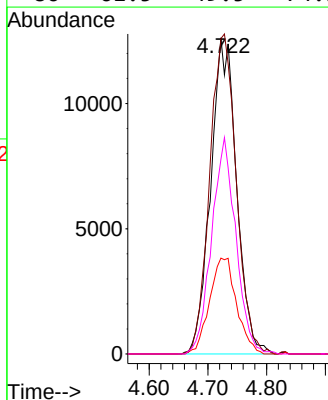
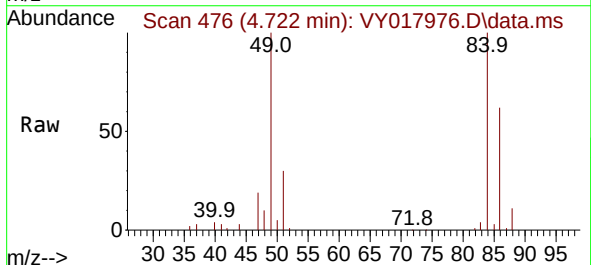
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

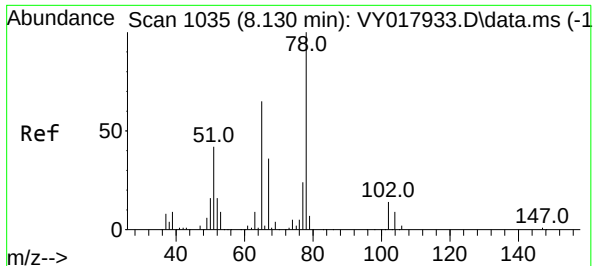
Tgt Ion:168 Resp: 339118
Ion Ratio Lower Upper
168 100
99 45.0 39.1 58.7



#20
Methylene Chloride
Concen: 9.856 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

Tgt Ion: 84 Resp: 38717
Ion Ratio Lower Upper
84 100
49 99.7 84.4 126.6
51 30.3 26.0 39.0
86 61.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.060 ug/l

RT: 8.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017976.D

Acq: 18 Apr 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

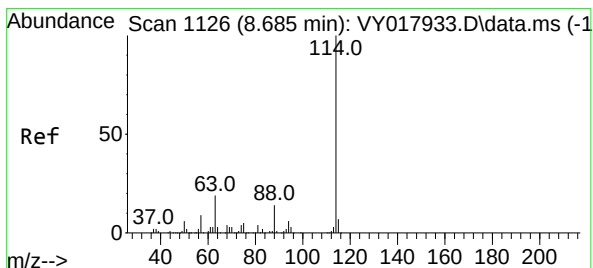
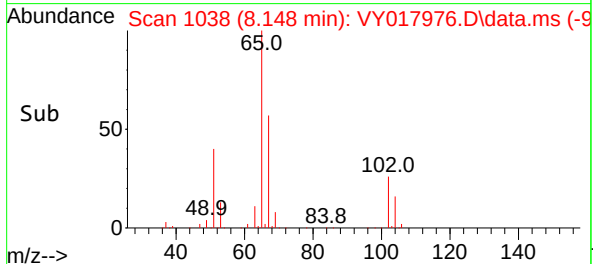
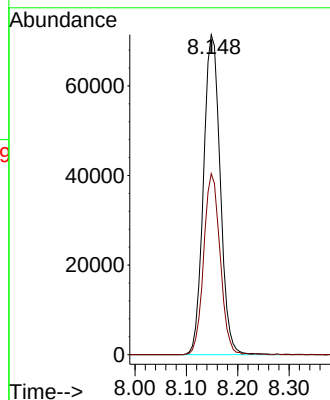
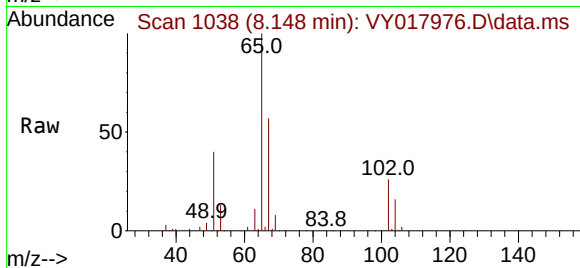
GRAB-7

Tgt Ion: 65 Resp: 161581

Ion Ratio Lower Upper

65 100

67 55.4 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: VY017976.D

Acq: 18 Apr 2024 15:15

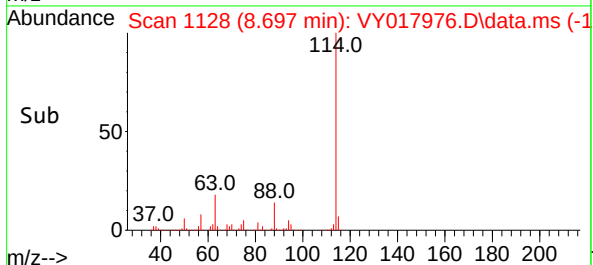
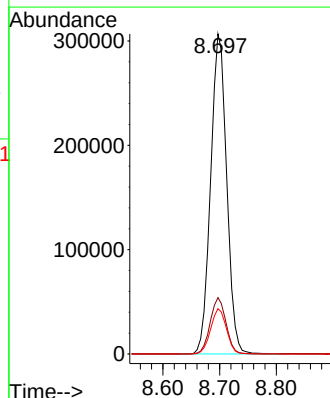
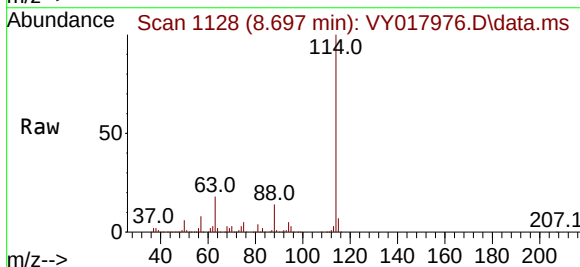
Tgt Ion: 114 Resp: 602808

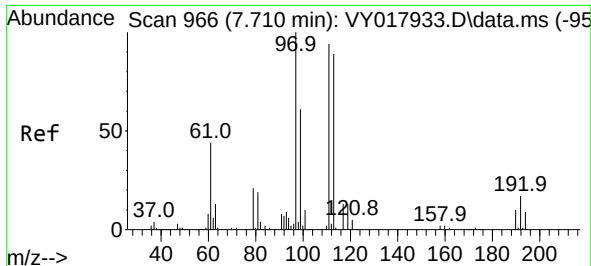
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.1 0.0 27.2

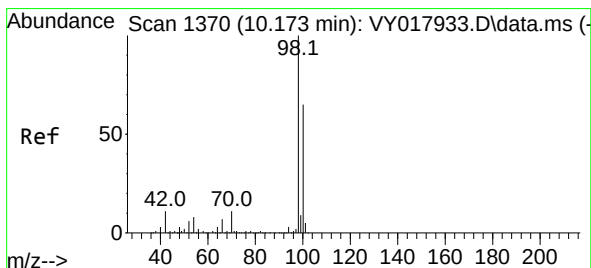
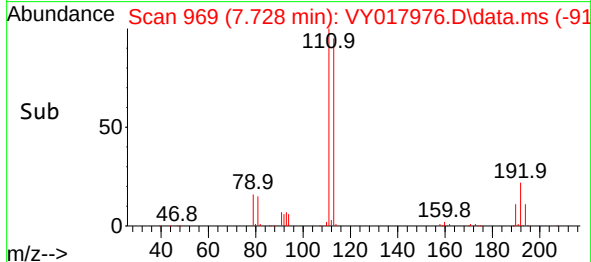
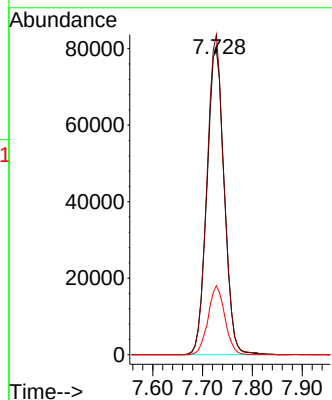
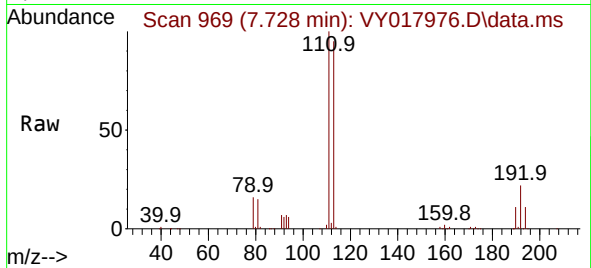




#35
Dibromofluoromethane
Concen: 52.003 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

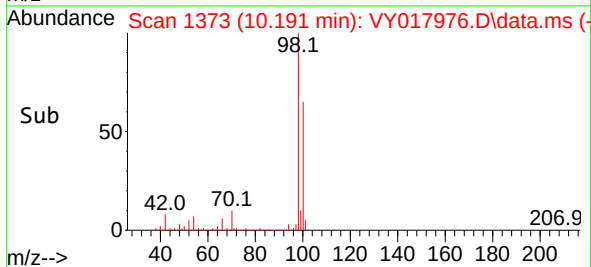
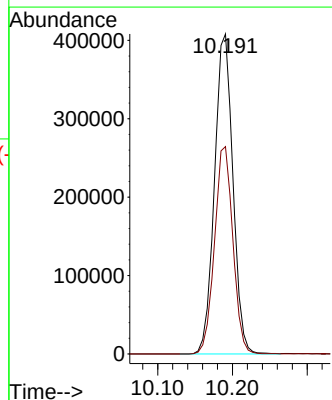
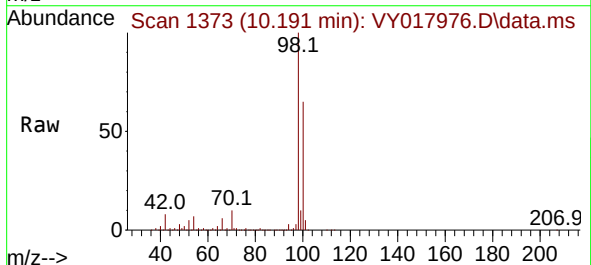
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

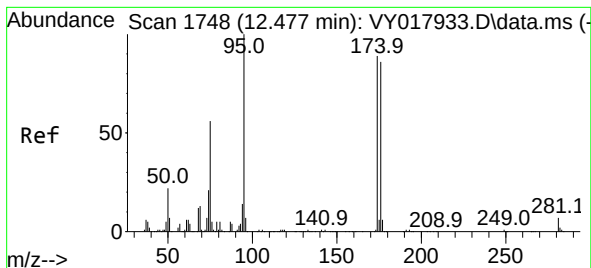
Tgt Ion:113 Resp: 193397
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.8 15.9 23.9



#50
Toluene-d8
Concen: 49.542 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

Tgt Ion: 98 Resp: 699116
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

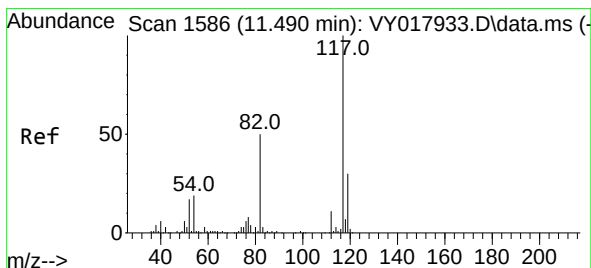
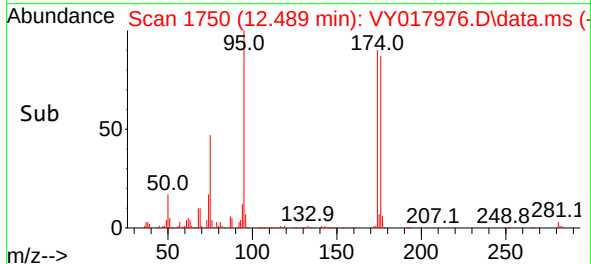
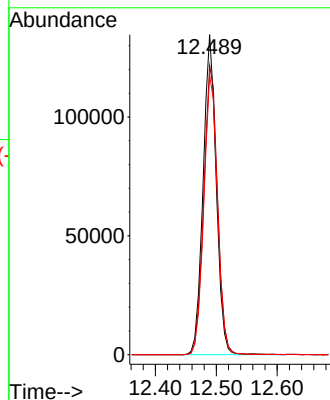
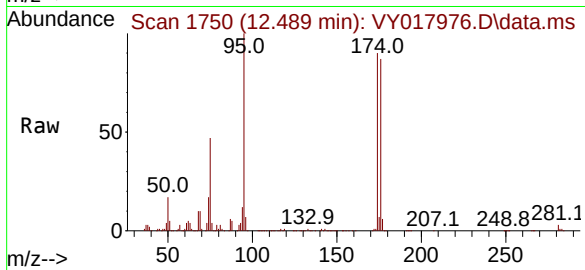




#62
4-Bromofluorobenzene
Concen: 46.061 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

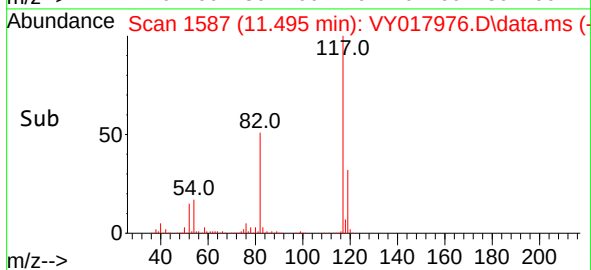
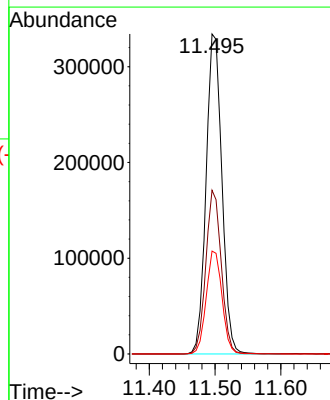
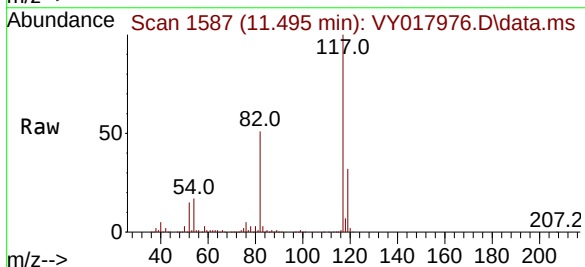
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

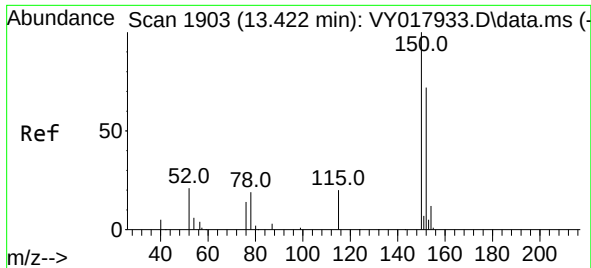
Tgt Ion: 95 Resp: 201305
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 91.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017976.D
Acq: 18 Apr 2024 15:15

Tgt Ion: 117 Resp: 559400
Ion Ratio Lower Upper
117 100
82 51.1 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: VY017976.D

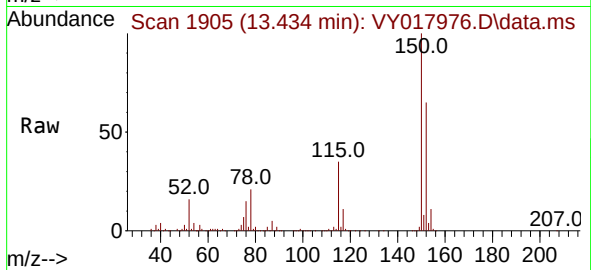
Acq: 18 Apr 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-7



Tgt Ion:152 Resp: 223921

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 155.4 0.0 345.6

