

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017699.D
 Acq On : 18 Mar 2024 19:22
 Operator : SY/MD
 Sample : P1764-09
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-9

Quant Time: Mar 19 04:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

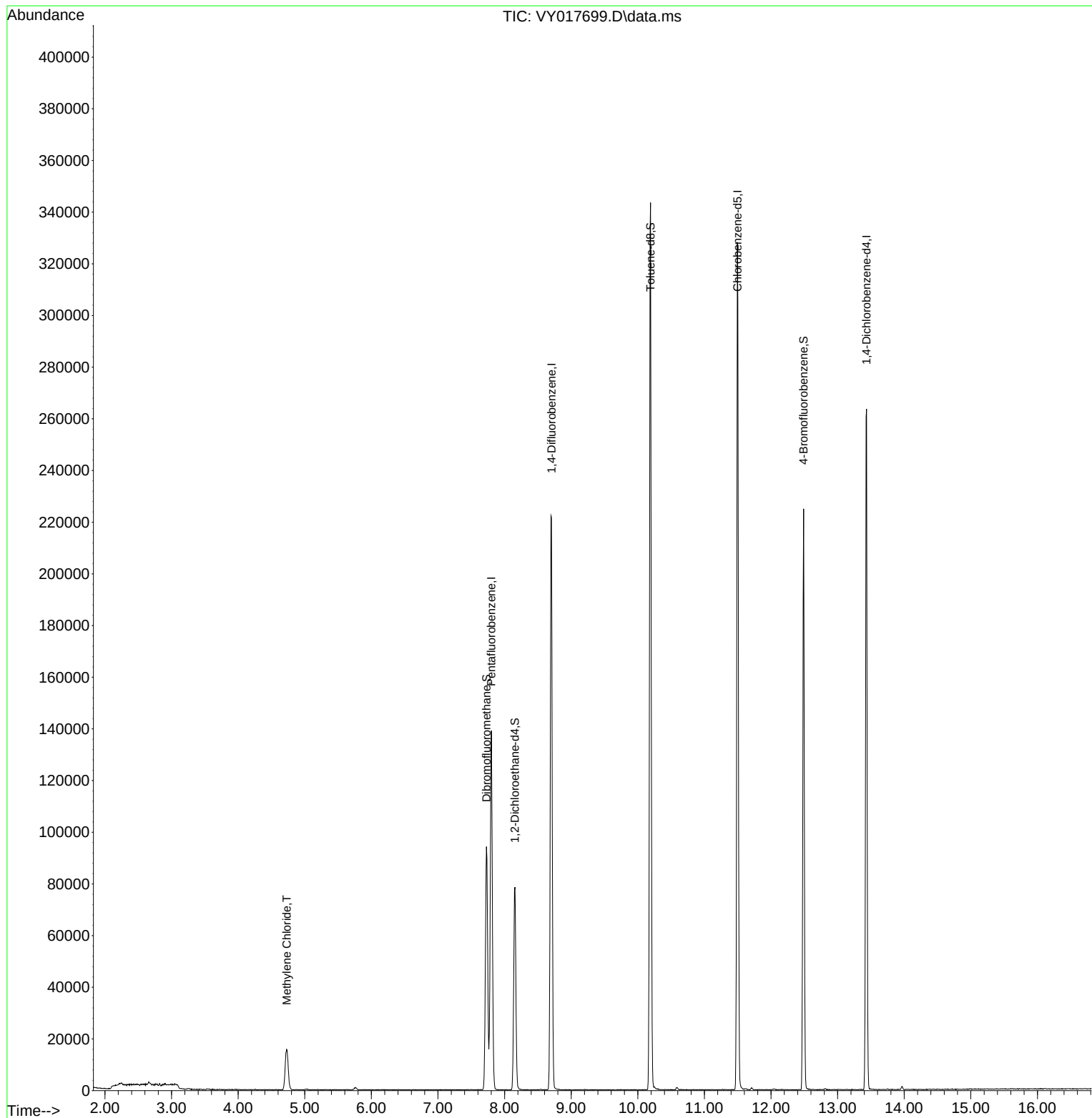
Internal Standards						
1) Pentafluorobenzene	7.801	168	112145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	207653	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	190378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60465	56.890	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.780%
35) Dibromofluoromethane	7.728	113	68849	47.581	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.191	98	237385	46.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.489	95	65875	41.431	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.860%
Target Compounds						
20) Methylene Chloride	4.728	84	13616	6.473	ug/l	Qvalue 98

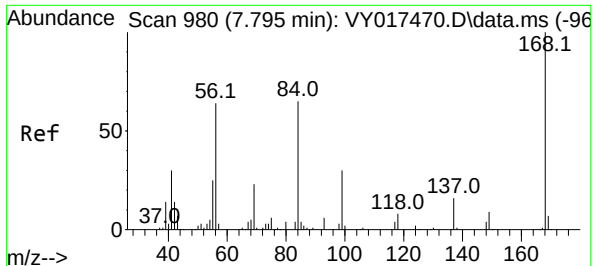
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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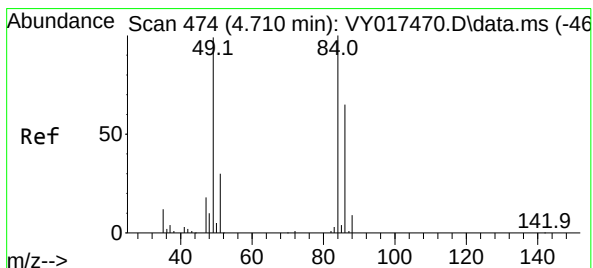
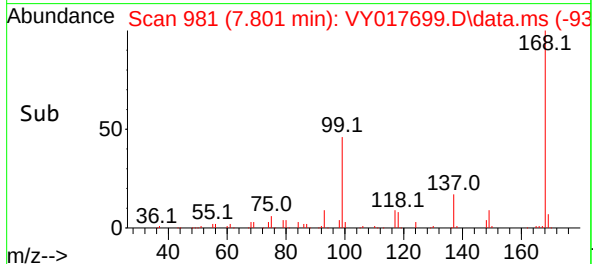
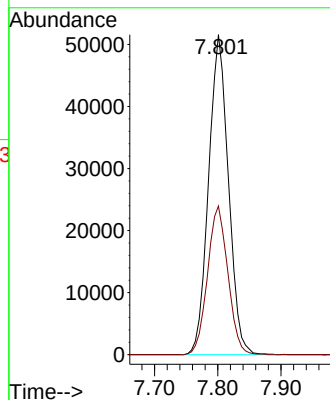
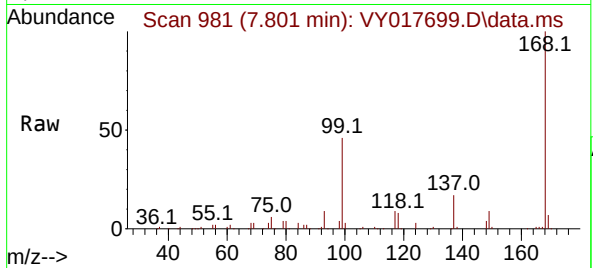




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

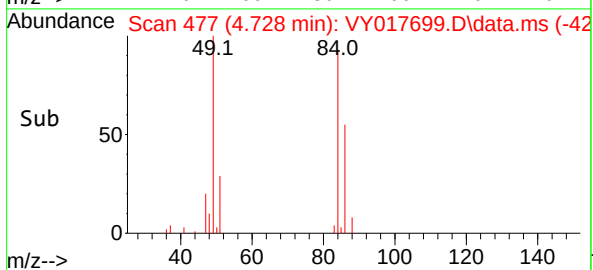
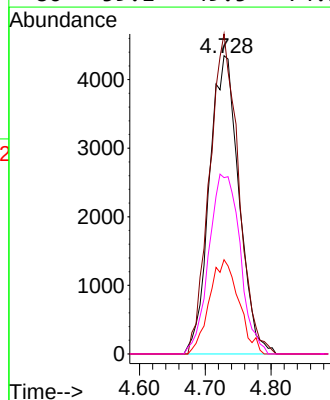
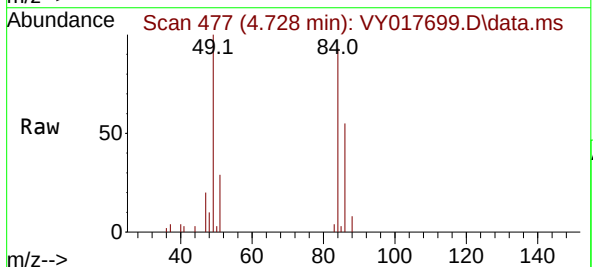
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-9

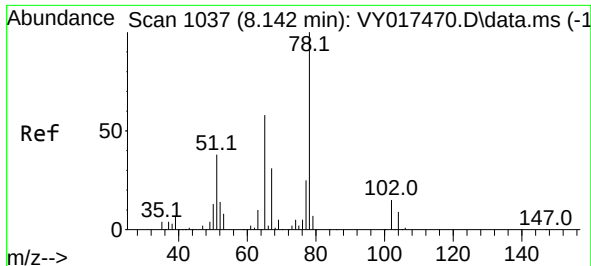
Tgt Ion:168 Resp: 112145
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

Tgt Ion: 84 Resp: 13616
Ion Ratio Lower Upper
84 100
49 107.3 84.4 126.6
51 31.6 26.0 39.0
86 59.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.890 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017699.D

Acq: 18 Mar 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

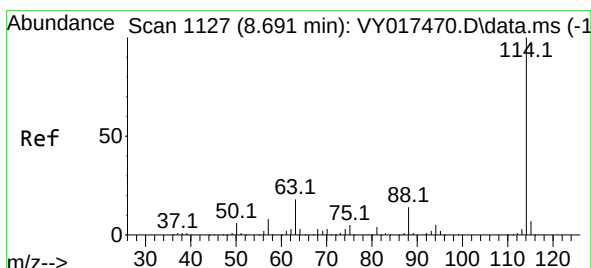
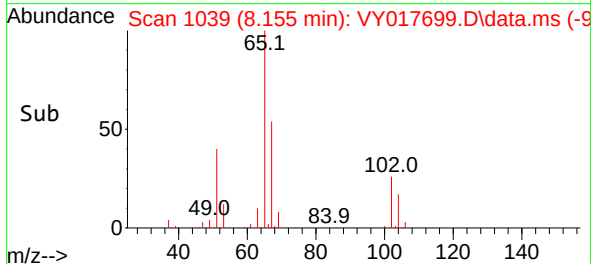
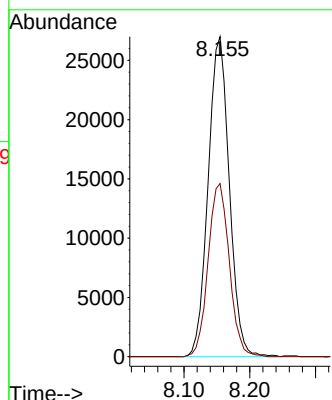
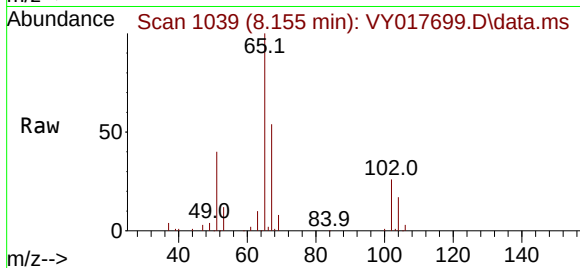
GRAB-9

Tgt Ion: 65 Resp: 60465

Ion Ratio Lower Upper

65 100

67 54.2 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: VY017699.D

Acq: 18 Mar 2024 19:22

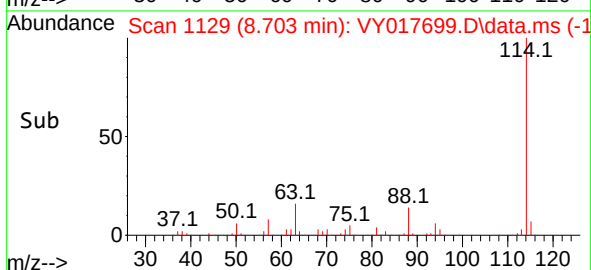
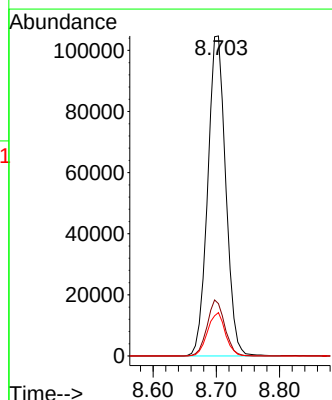
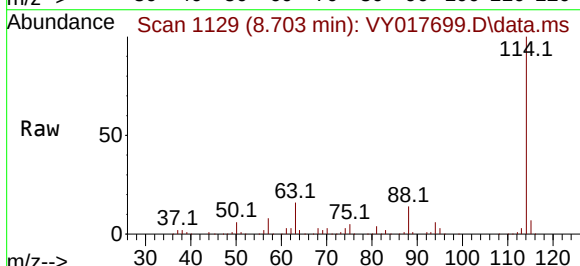
Tgt Ion: 114 Resp: 207653

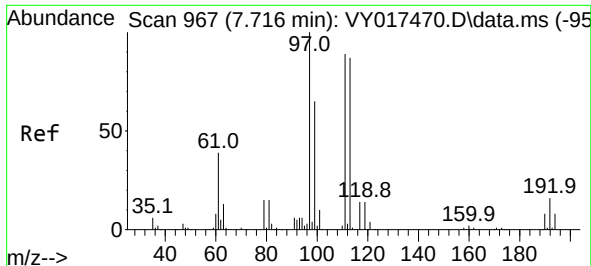
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.6 0.0 27.2

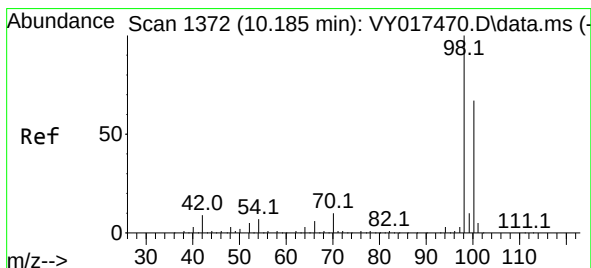
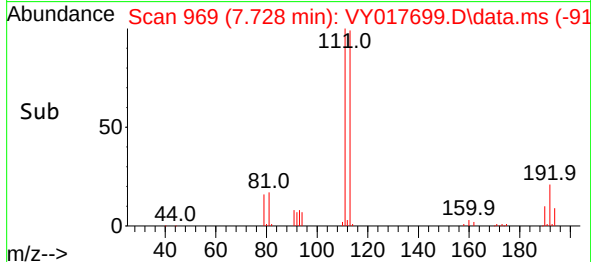
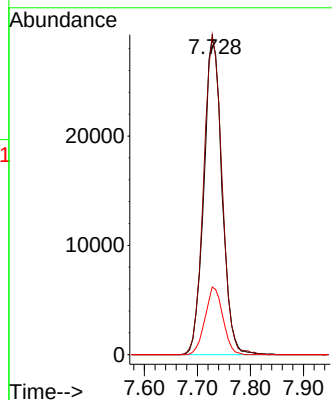
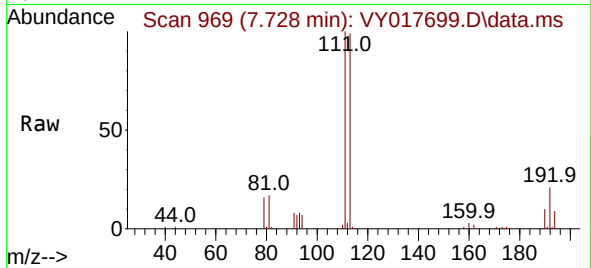




#35
Dibromofluoromethane
Concen: 47.581 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

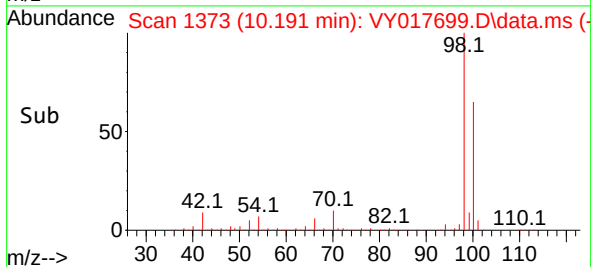
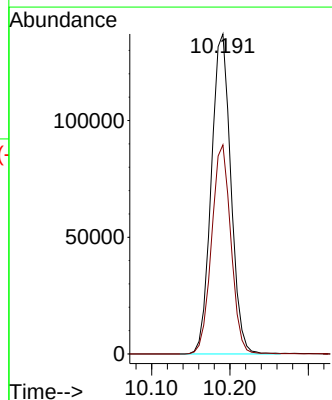
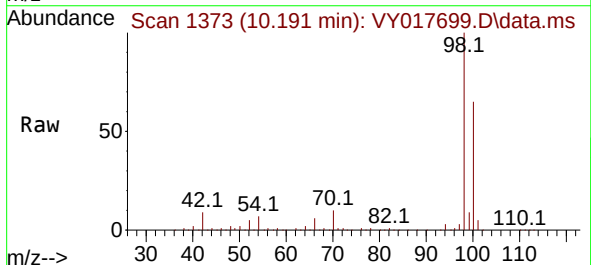
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-9

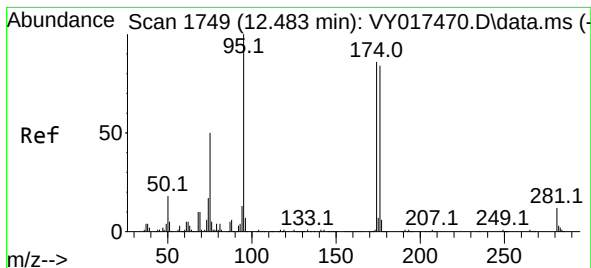
Tgt Ion:113 Resp: 68849
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 46.921 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

Tgt Ion: 98 Resp: 237385
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

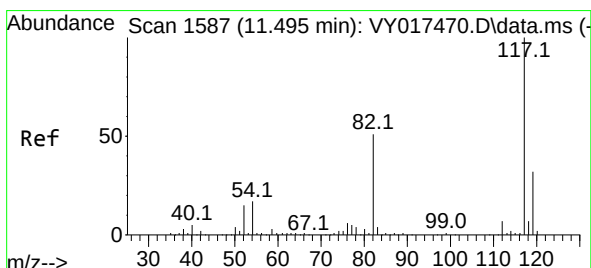
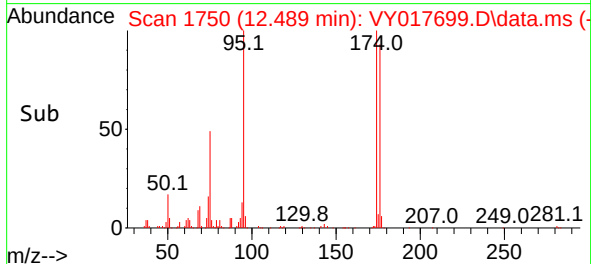
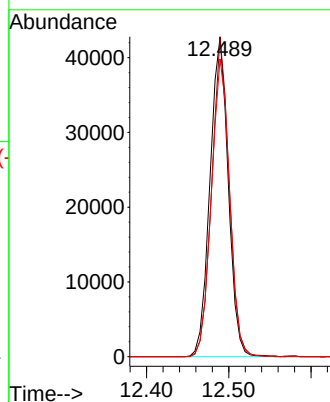
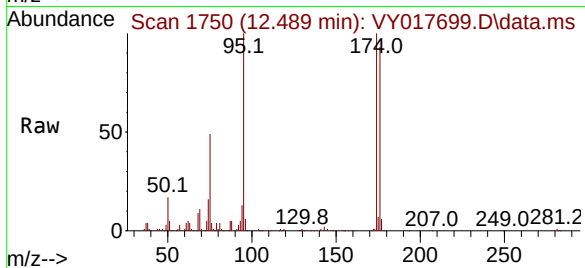




#62
4-Bromofluorobenzene
Concen: 41.431 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

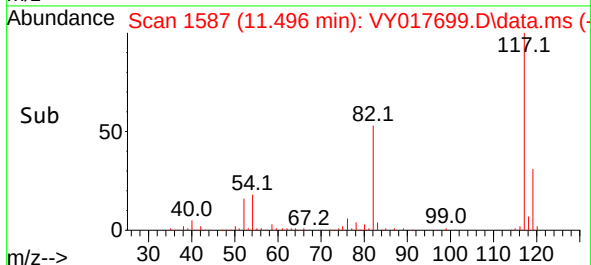
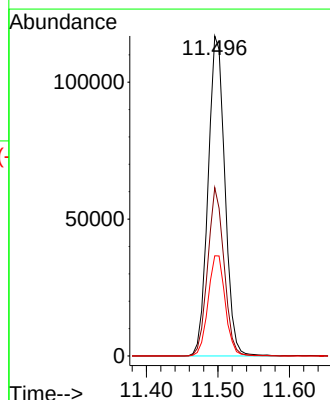
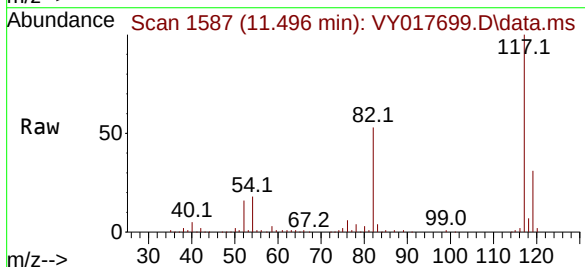
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-9

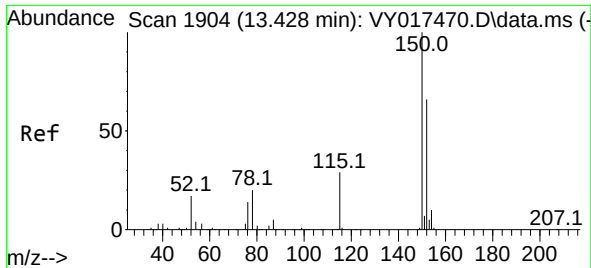
Tgt Ion: 95 Resp: 65875
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 93.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017699.D
Acq: 18 Mar 2024 19:22

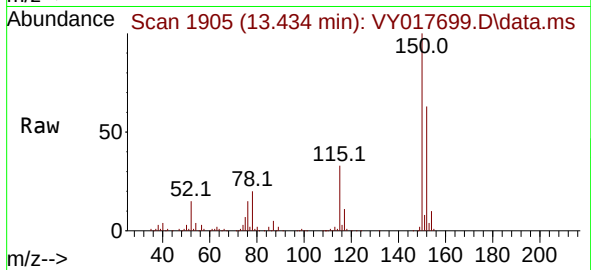
Tgt Ion: 117 Resp: 190378
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017699.D
 Acq: 18 Mar 2024 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-9



Tgt Ion:	152	Resp:	73669
Ion Ratio	Lower	Upper	
152	100		
115	54.3	28.2	84.7
150	158.4	0.0	345.6

