

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014799.D
 Acq On : 25 Jul 2023 14:10
 Operator : SY/MD
 Sample : 03681-23
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-8-GRAB-15

Quant Time: Jul 26 01:18:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

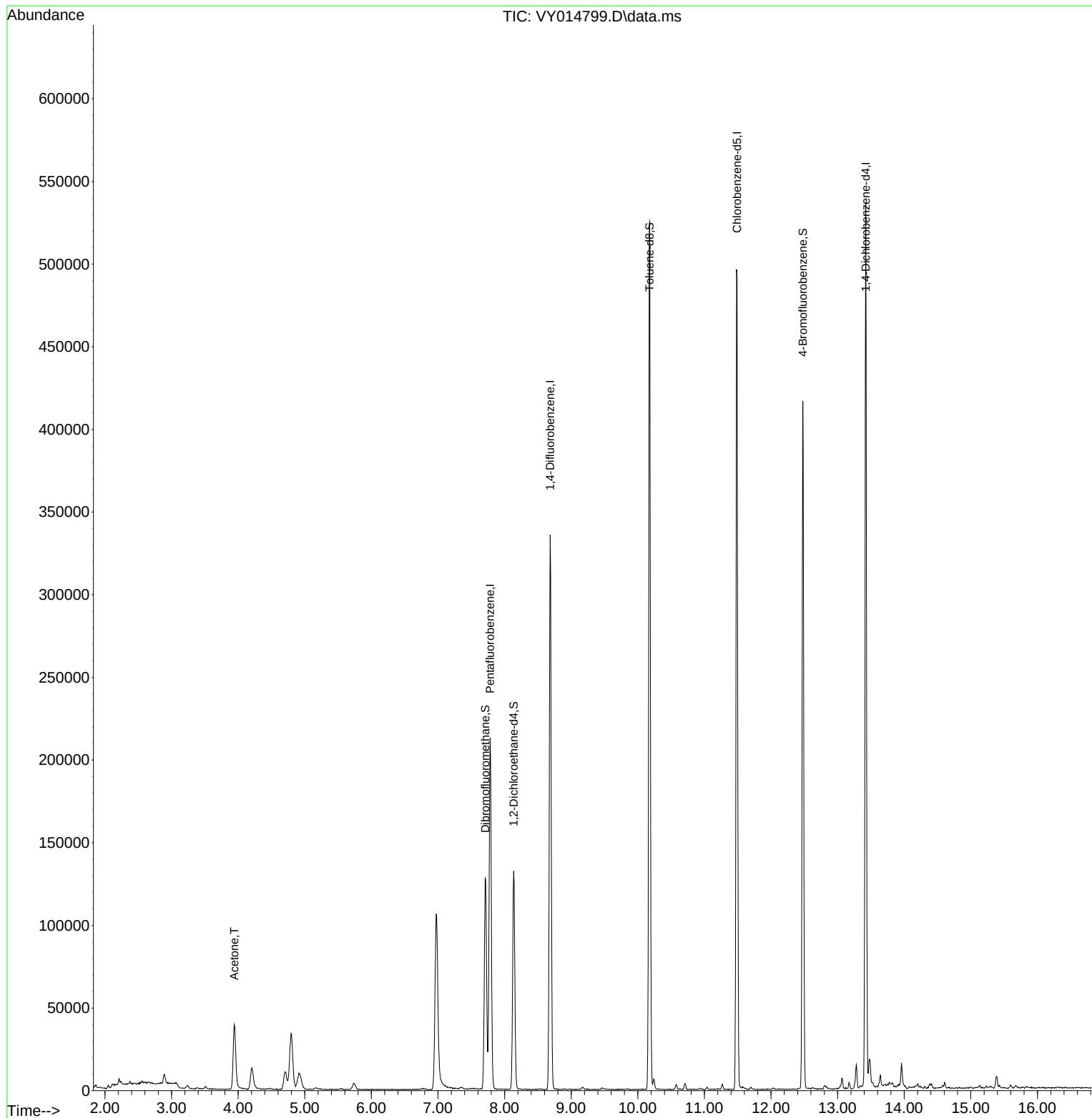
Internal Standards						
1) Pentafluorobenzene	7.783	168	165010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104649	55.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.710	113	91000	49.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.179	98	344819	50.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.477	95	126995	48.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.380%
Target Compounds						
16) Acetone	3.942	43	69571	116.757	ug/l	Qvalue 96

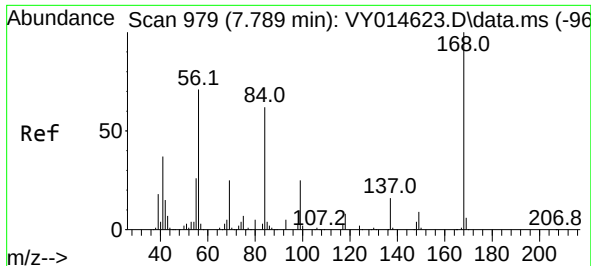
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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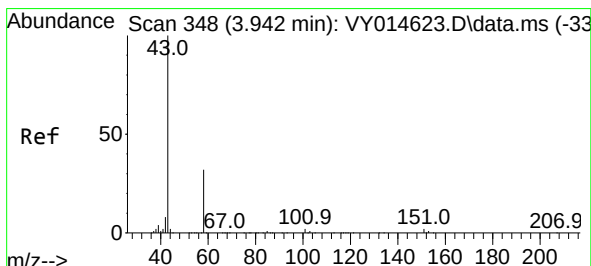
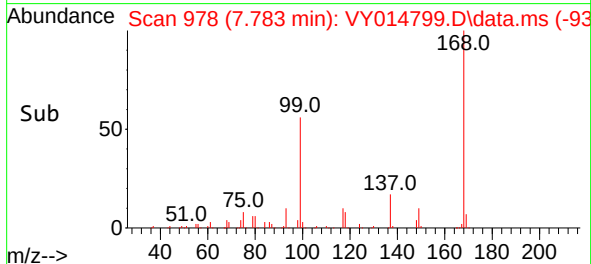
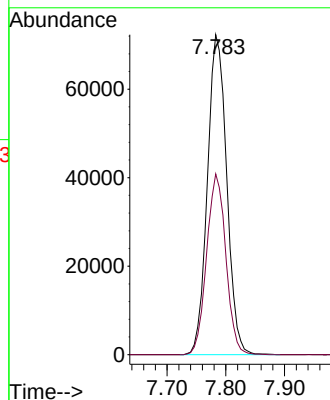
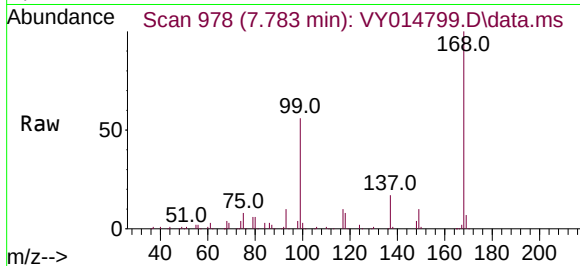




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

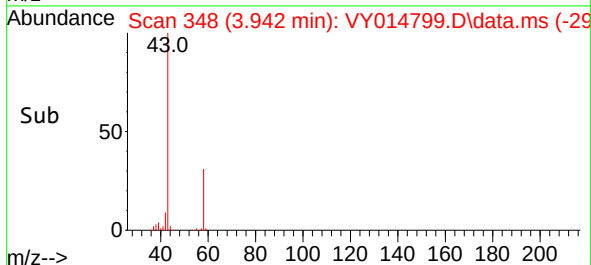
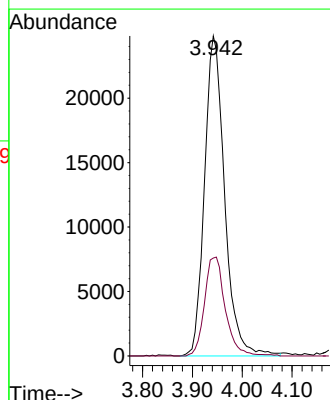
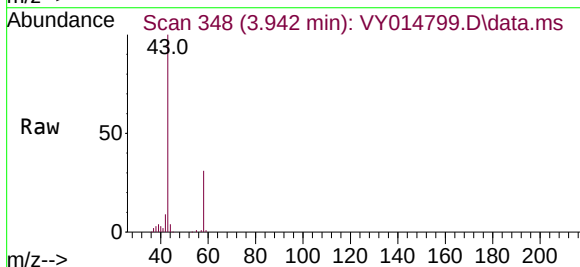
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-8-GRAB-15

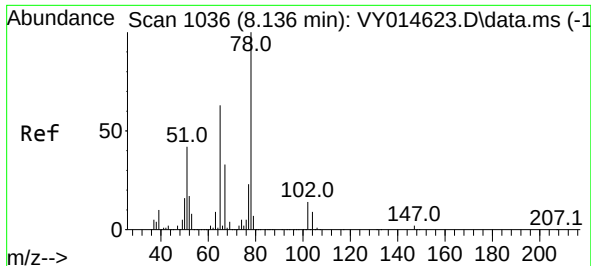
Tgt Ion:168 Resp: 165010
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 116.757 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

Tgt Ion: 43 Resp: 69571
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.654 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014799.D

Acq: 25 Jul 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

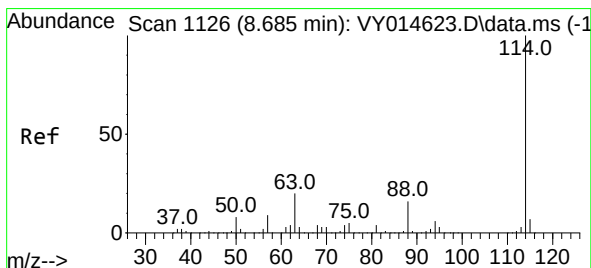
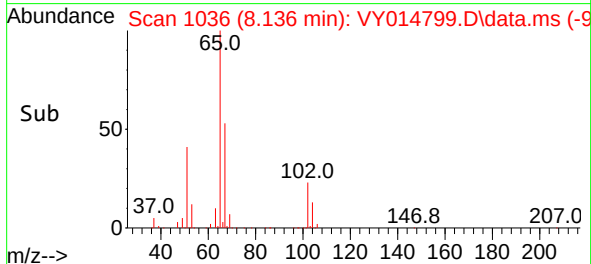
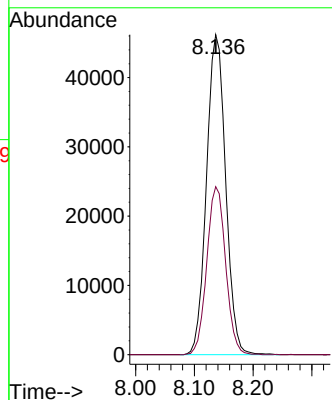
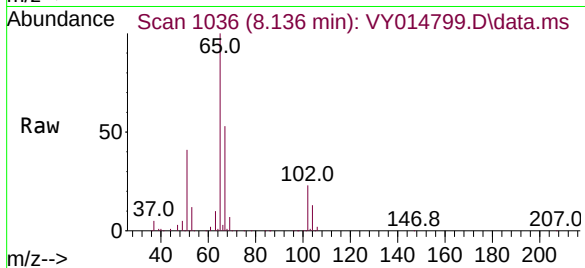
RPTP-8-GRAB-15

Tgt Ion: 65 Resp: 104649

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014799.D

Acq: 25 Jul 2023 14:10

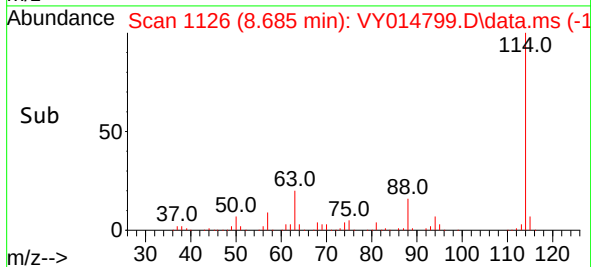
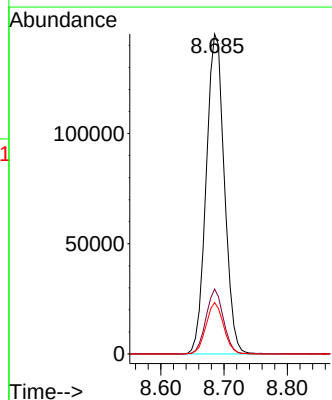
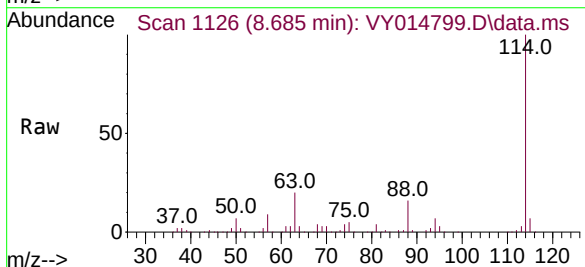
Tgt Ion: 114 Resp: 289863

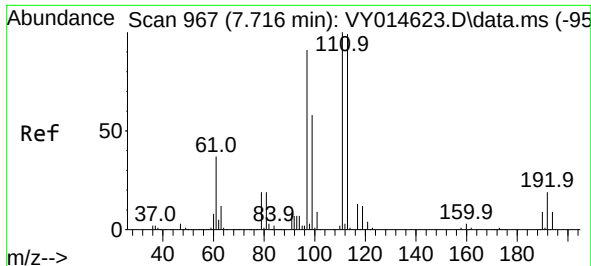
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 16.0 0.0 30.6

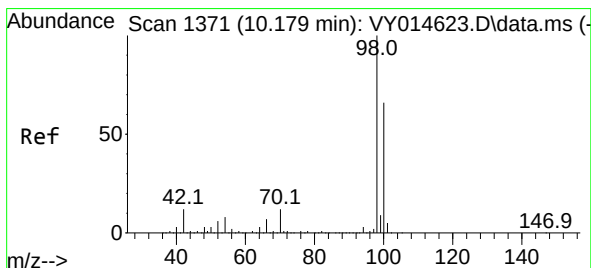
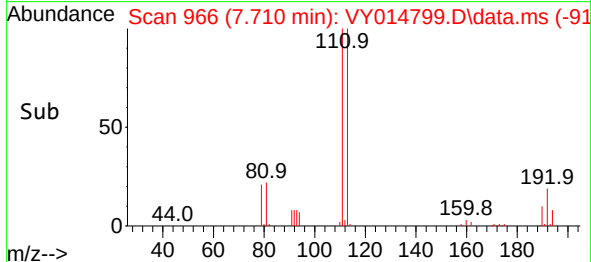
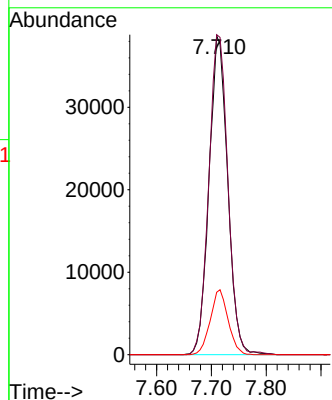
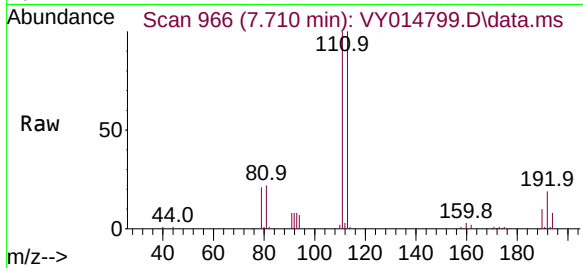




#35
Dibromofluoromethane
Concen: 49.317 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

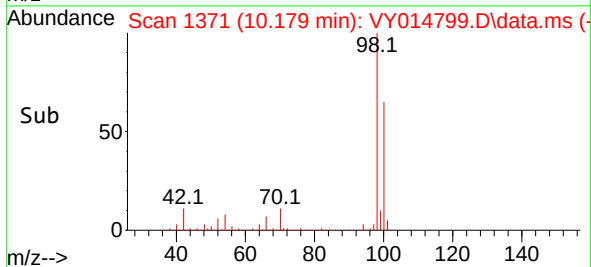
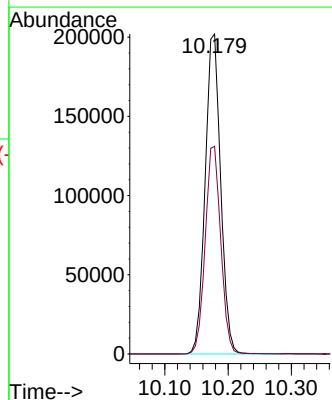
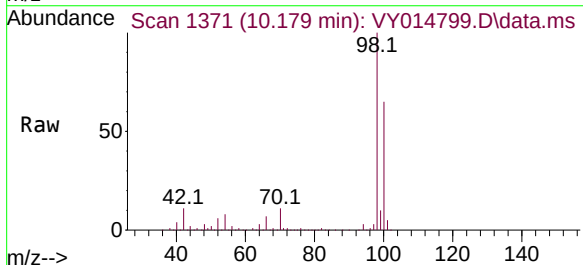
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-8-GRAB-15

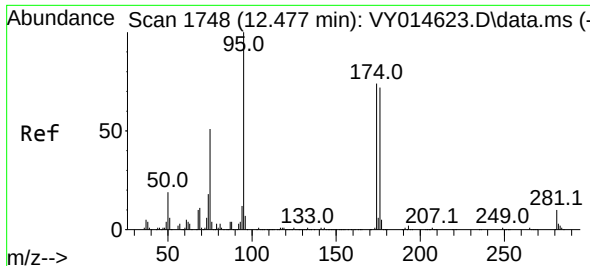
Tgt Ion:113 Resp: 91000
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.687 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

Tgt Ion: 98 Resp: 344819
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

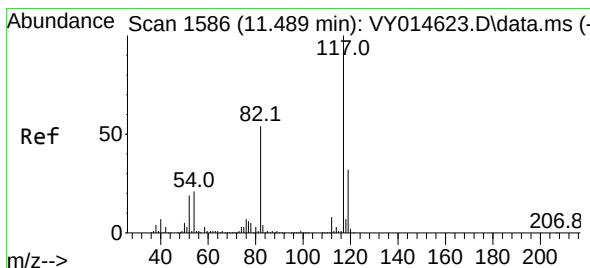
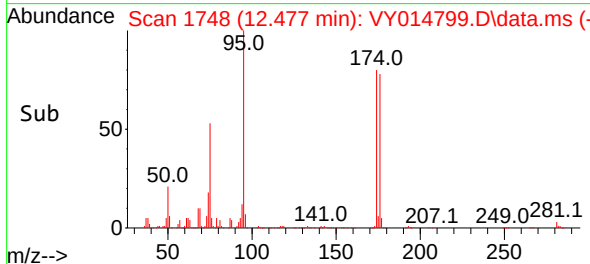
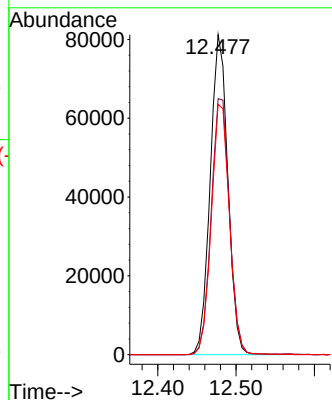
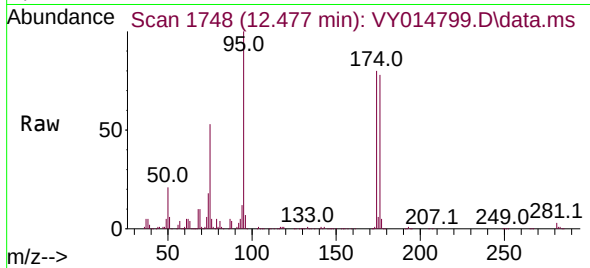




#62
4-Bromofluorobenzene
Concen: 48.686 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

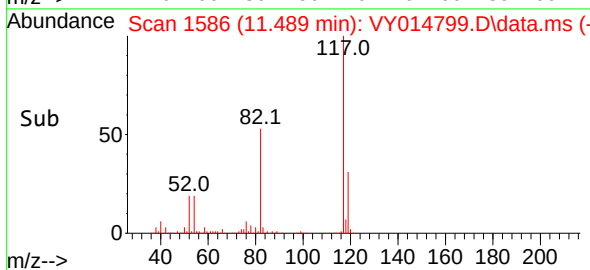
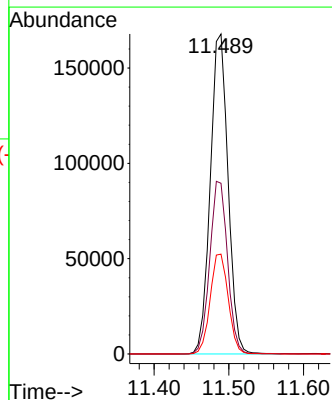
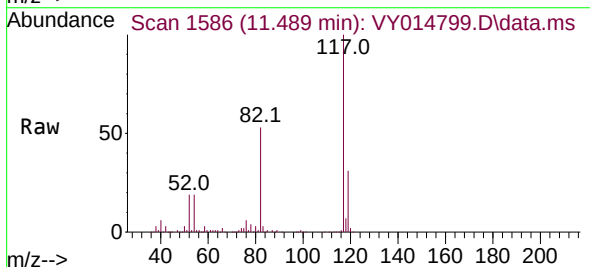
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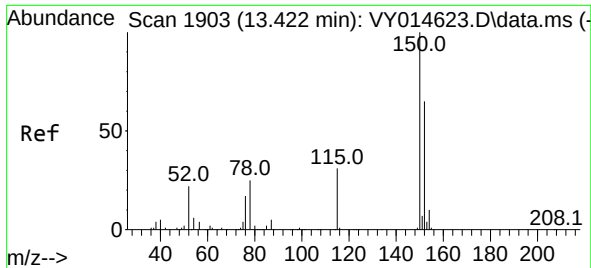
Tgt Ion: 95 Resp: 126995
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 80.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014799.D
Acq: 25 Jul 2023 14:10

Tgt Ion: 117 Resp: 277064
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014799.D

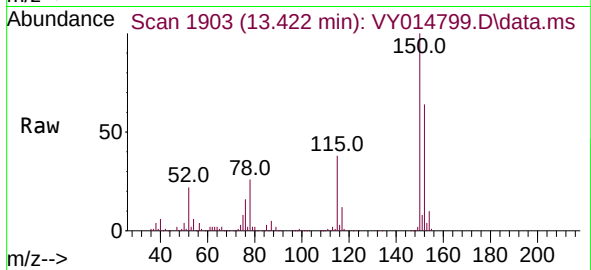
Acq: 25 Jul 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-8-GRAB-15



Tgt Ion:152 Resp: 132420

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 156.1 0.0 348.8

