

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015793.D
 Acq On : 02 Oct 2023 21:46
 Operator : SY/MD
 Sample : 04685-06
 Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-0-2

Quant Time: Oct 03 01:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

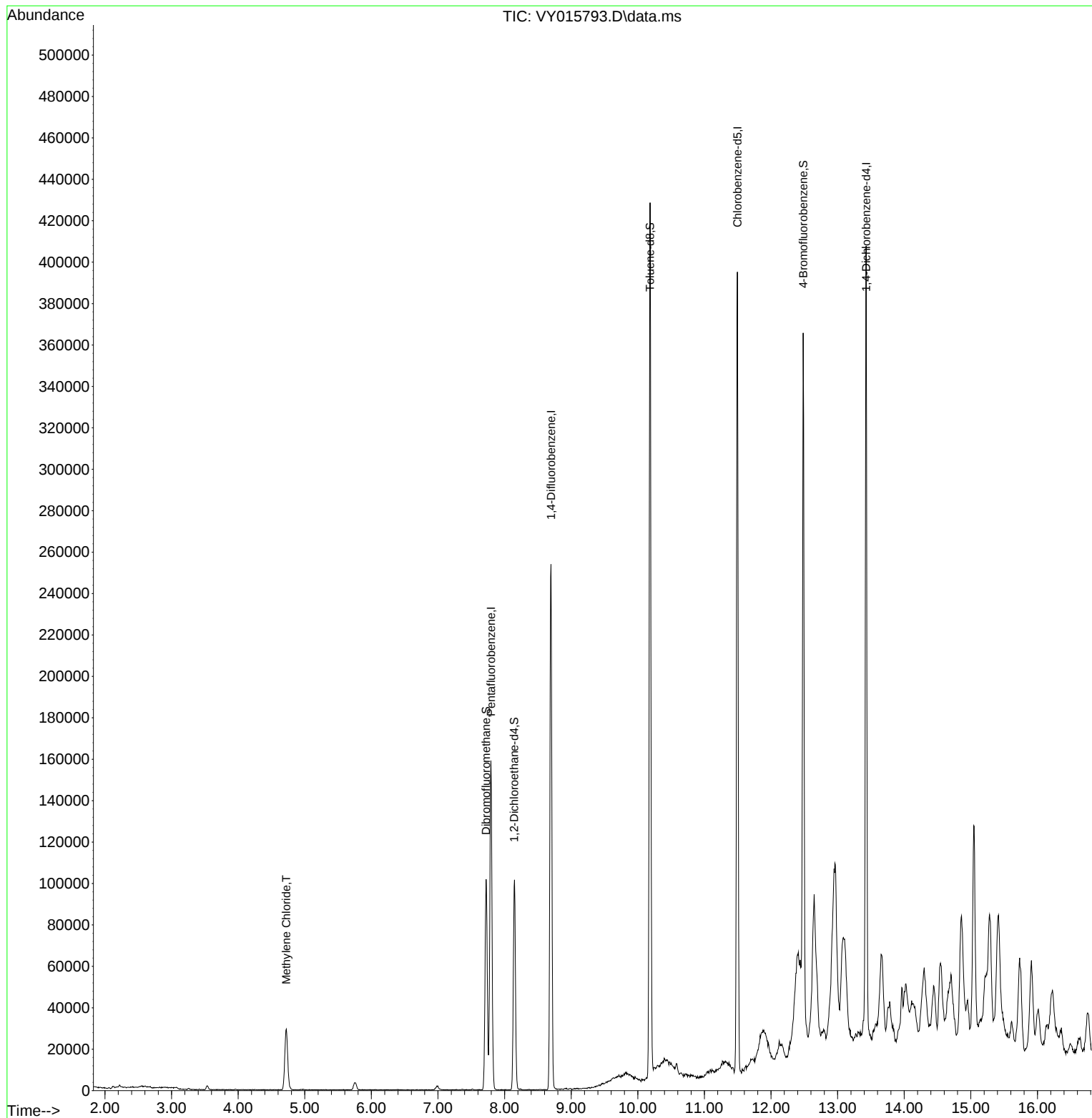
Internal Standards						
1) Pentafluorobenzene	7.795	168	123685	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	224631	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	213851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78819	57.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.840%
35) Dibromofluoromethane	7.722	113	72476	53.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.820%
50) Toluene-d8	10.185	98	276154	60.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.160%
62) 4-Bromofluorobenzene	12.483	95	94365	52.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.500%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.722	84	22512	10.269	ug/l	92

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

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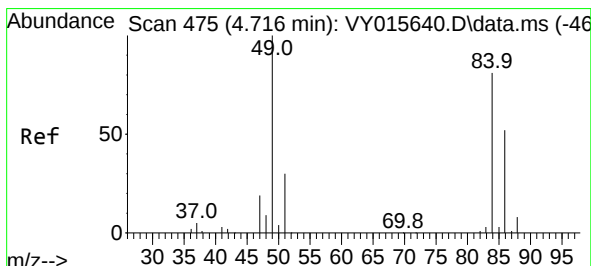
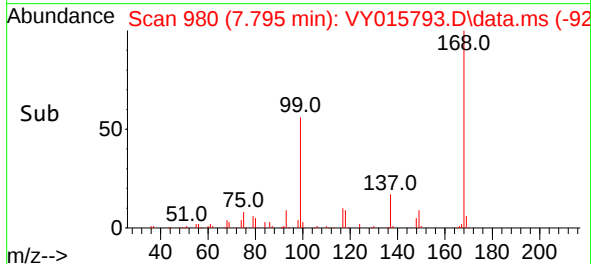
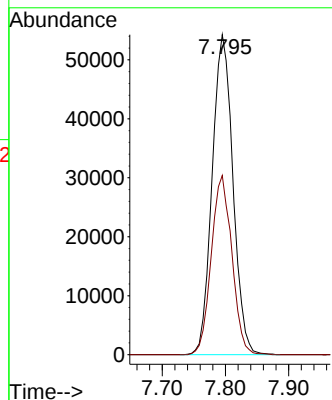
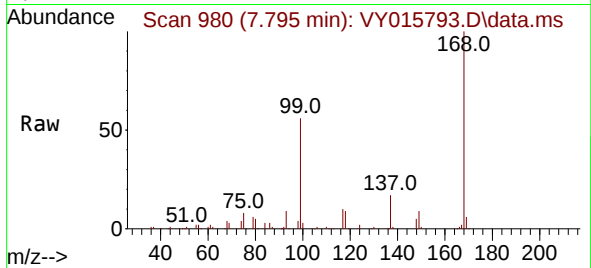




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

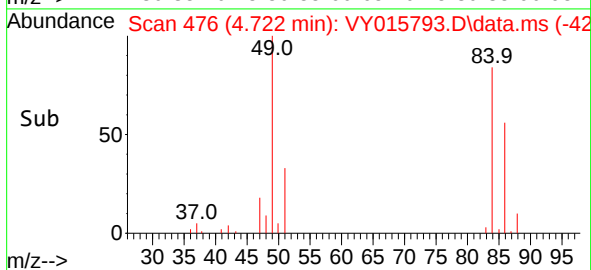
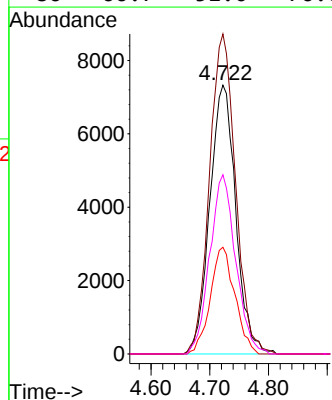
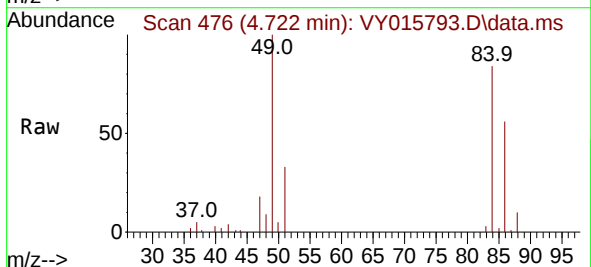
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

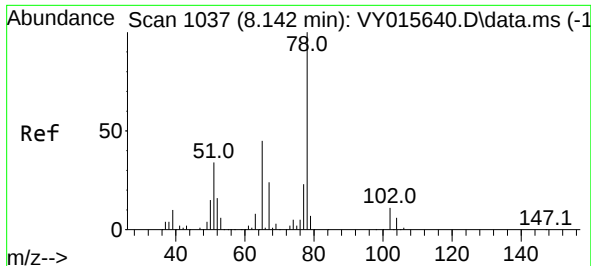
Tgt Ion:168 Resp: 123685
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 10.269 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

Tgt Ion: 84 Resp: 22512
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 39.7 33.2 49.8
86 66.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.918 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY015793.D

Acq: 02 Oct 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

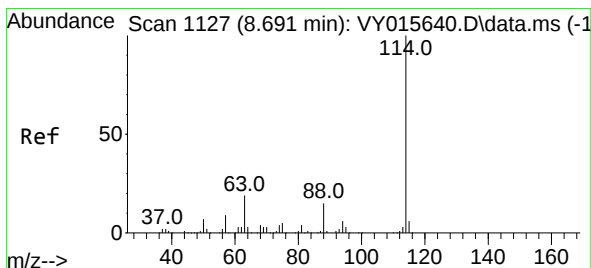
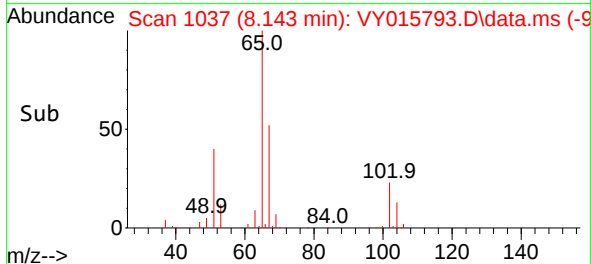
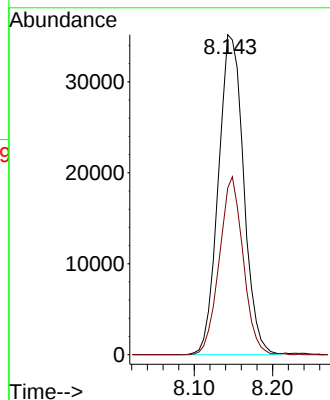
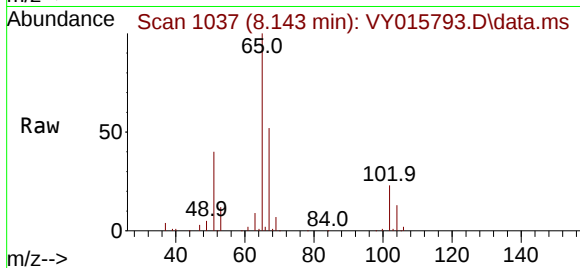
PP-20230928-B6A-0-2

Tgt Ion: 65 Resp: 78819

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015793.D

Acq: 02 Oct 2023 21:46

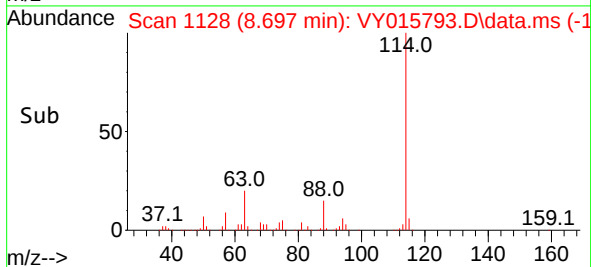
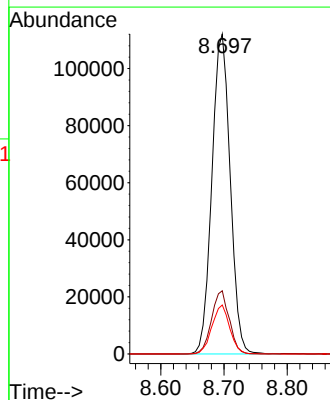
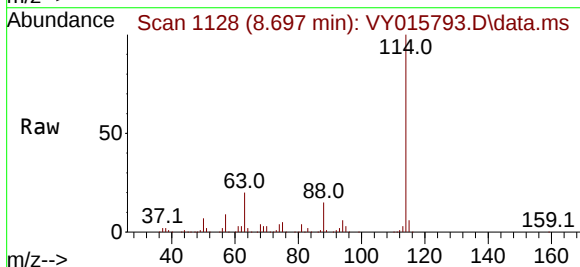
Tgt Ion: 114 Resp: 224631

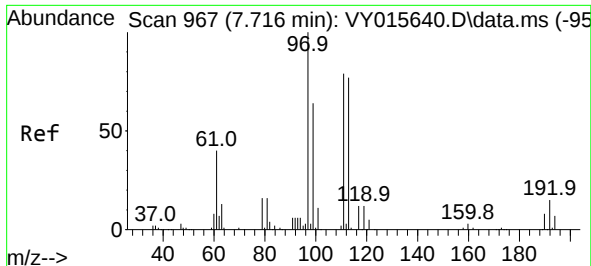
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.3 0.0 30.6

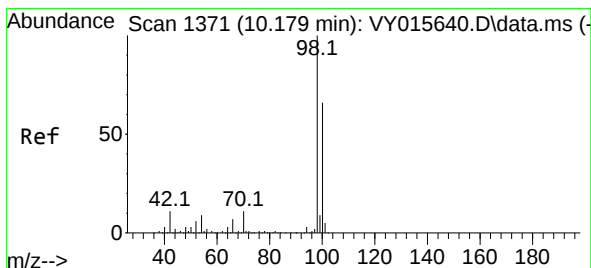
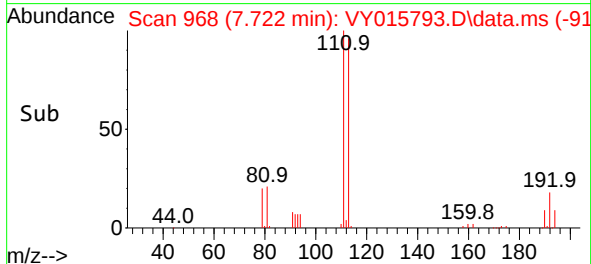
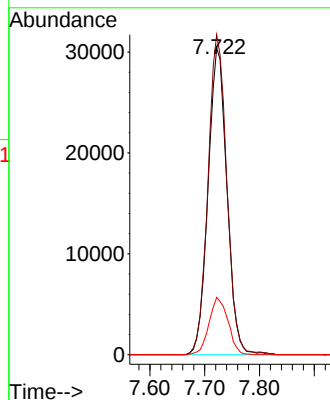
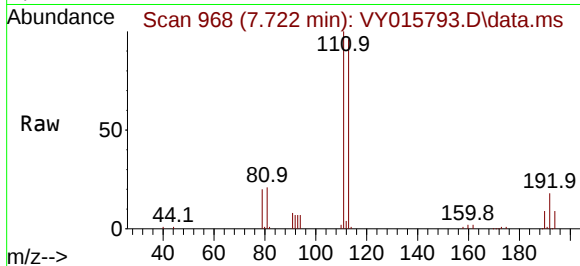




#35
Dibromofluoromethane
Concen: 53.906 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

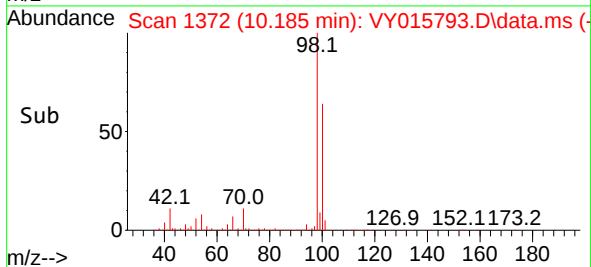
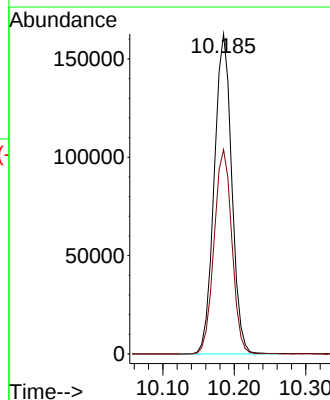
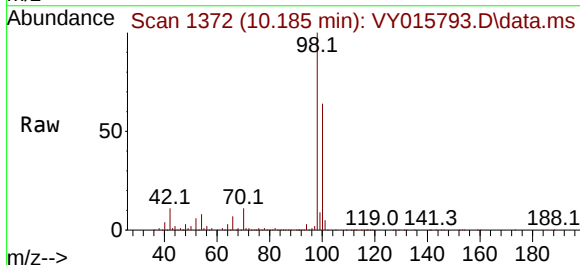
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B6A-0-2

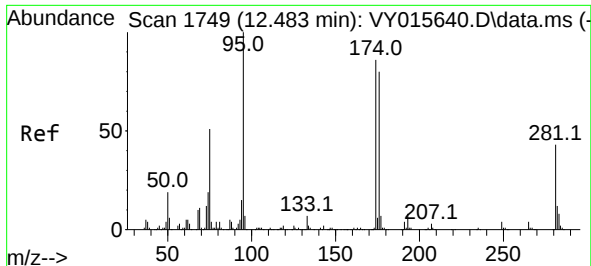
Tgt Ion:113 Resp: 72476
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 60.577 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

Tgt Ion: 98 Resp: 276154
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

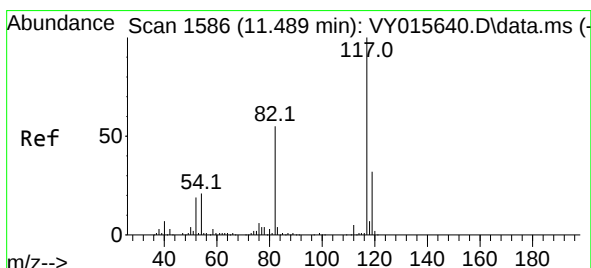
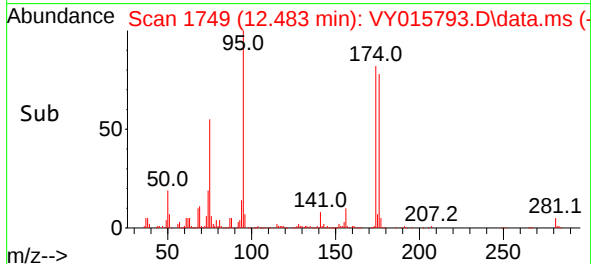
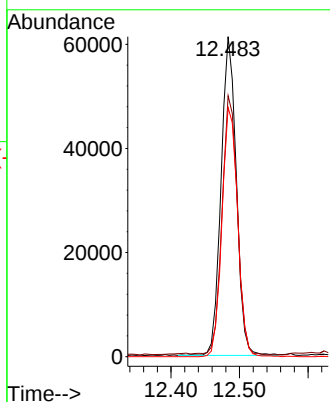
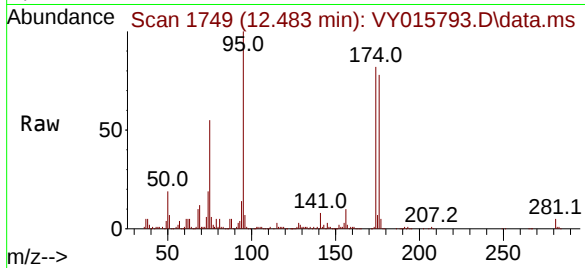




#62
4-Bromofluorobenzene
Concen: 52.748 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

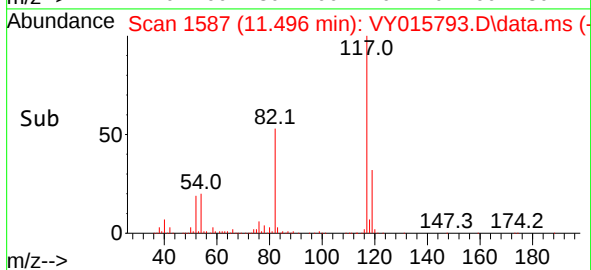
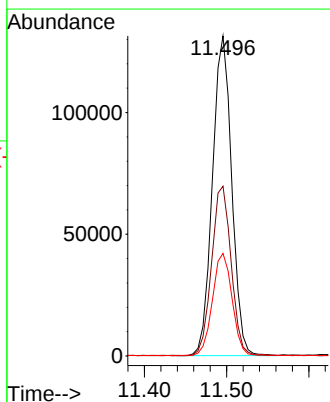
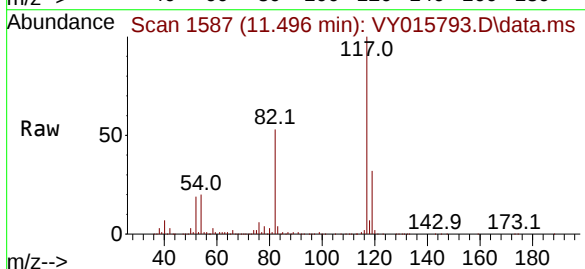
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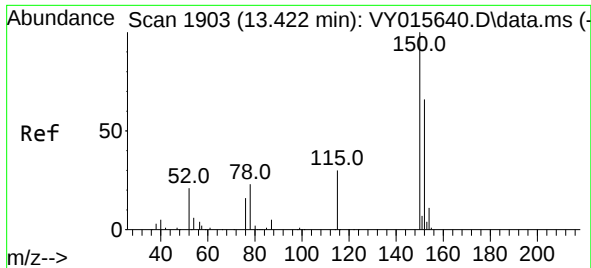
Tgt Ion: 95 Resp: 94365
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 80.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015793.D
Acq: 02 Oct 2023 21:46

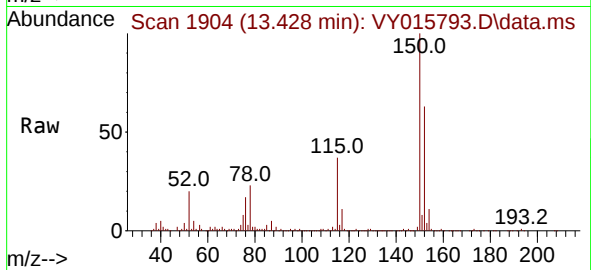
Tgt Ion: 117 Resp: 213851
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015793.D
 Acq: 02 Oct 2023 21:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B6A-0-2



Tgt Ion:	152	Resp:	93840
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.8	86.5
150	159.5	0.0	348.8

