

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015897.D
 Acq On : 10 Oct 2023 15:17
 Operator : SY/MD
 Sample : 04753-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Oct 11 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

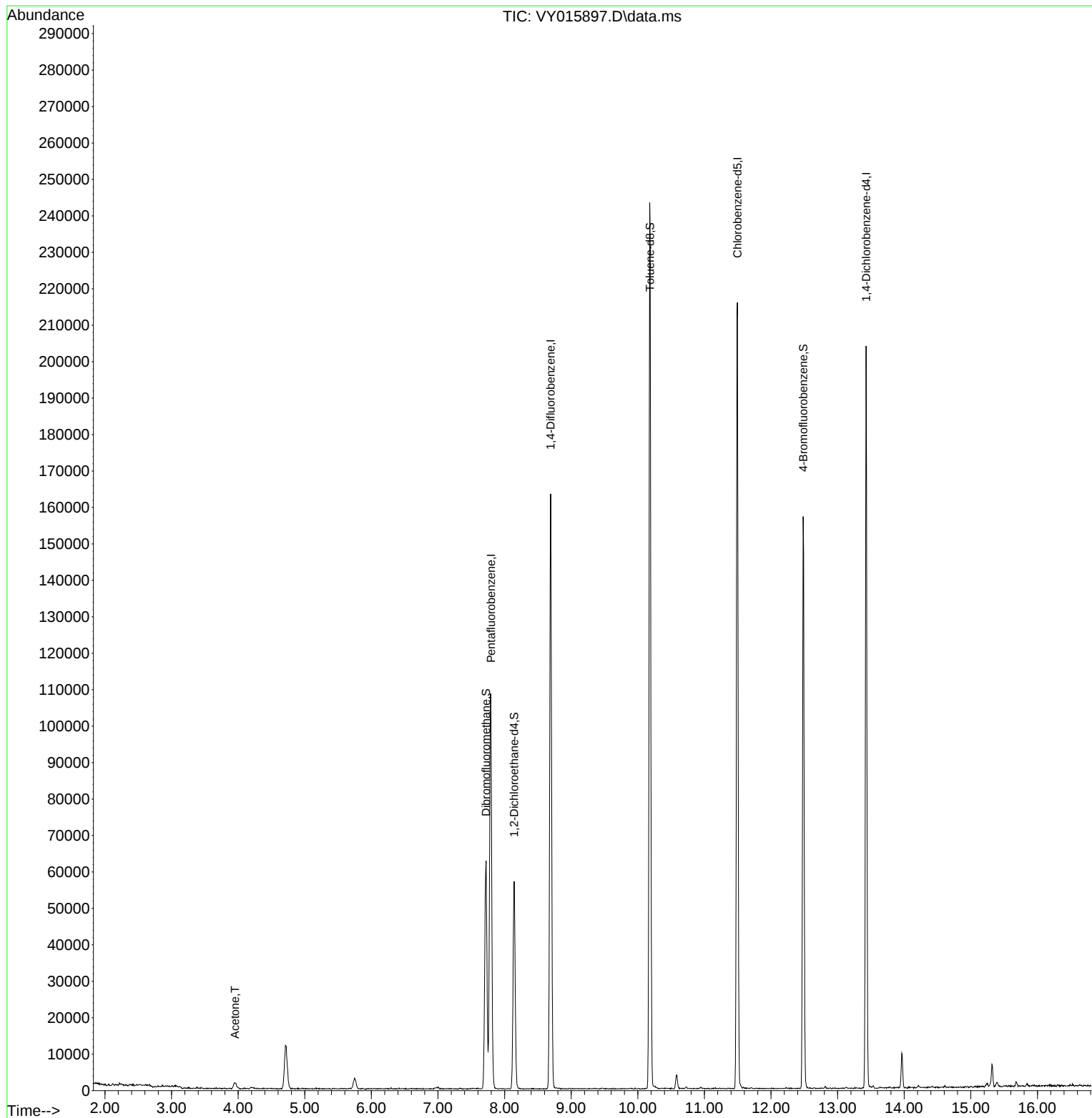
Internal Standards						
1) Pentafluorobenzene	7.795	168	86575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43538	55.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.722	113	44947	56.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.185	98	163942	62.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	124.720%
62) 4-Bromofluorobenzene	12.483	95	48923	45.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%
Target Compounds						
16) Acetone	3.954	43	3339	14.544	ug/l	Qvalue 95

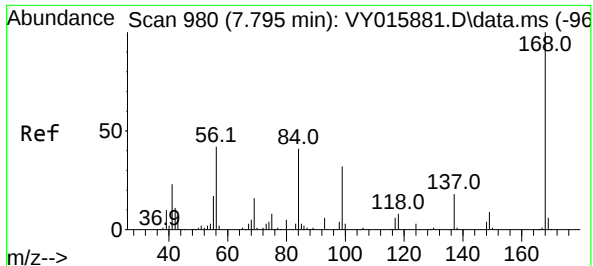
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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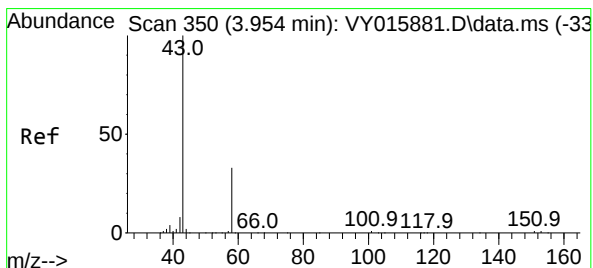
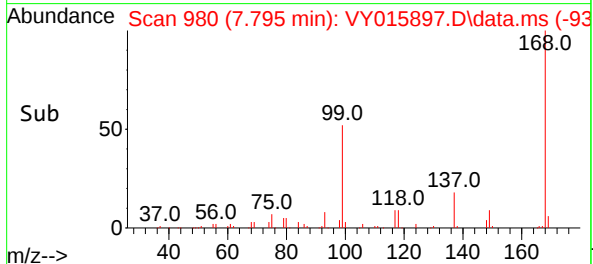
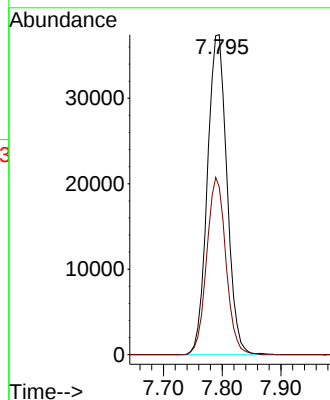
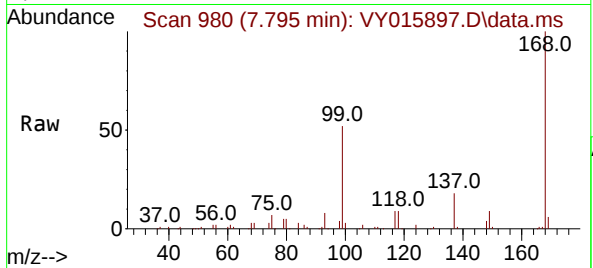




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

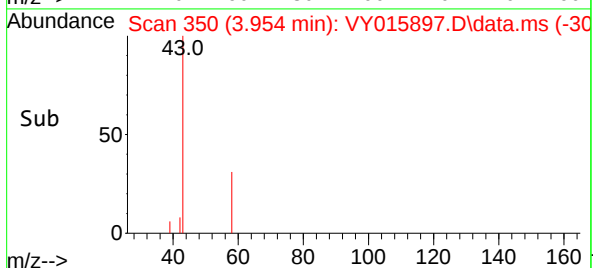
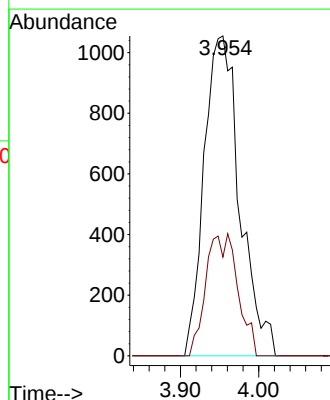
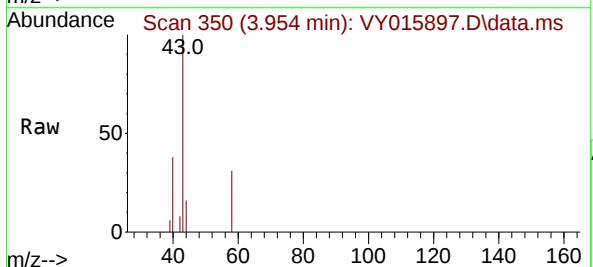
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

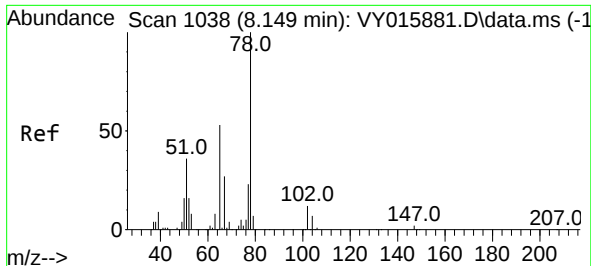
Tgt Ion:168 Resp: 86575
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#16
Acetone
Concen: 14.544 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

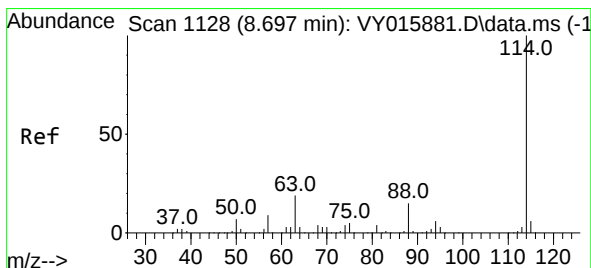
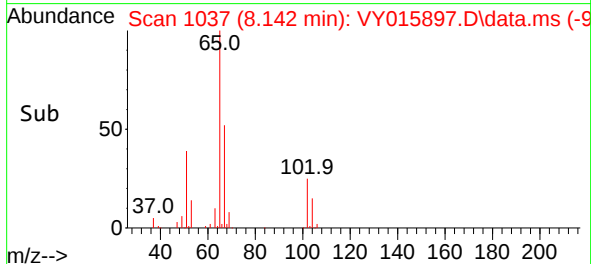
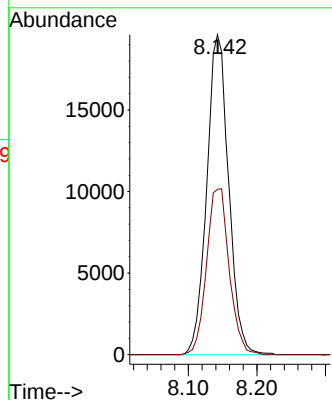
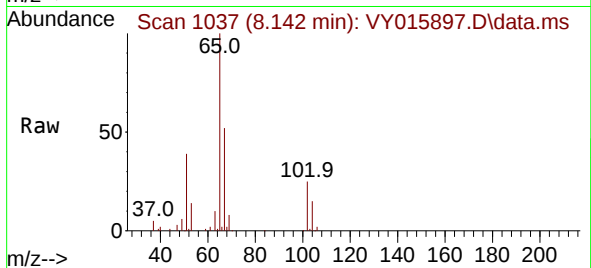
TP-4

Tgt Ion: 65 Resp: 43538

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015897.D

Acq: 10 Oct 2023 15:17

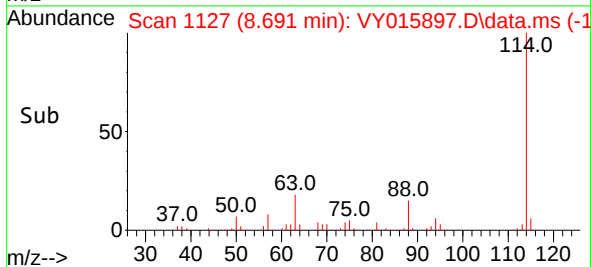
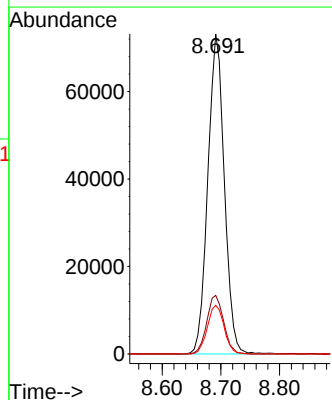
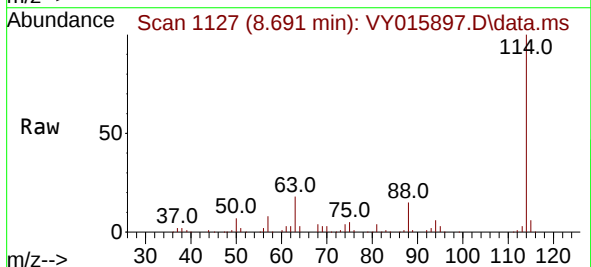
Tgt Ion: 114 Resp: 143010

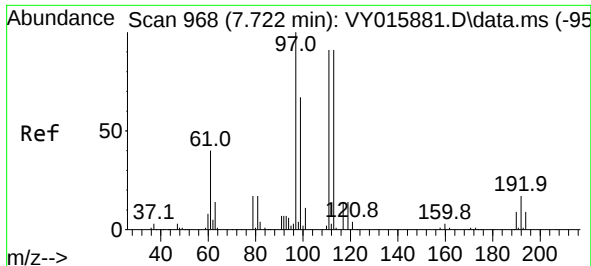
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.2 0.0 30.6

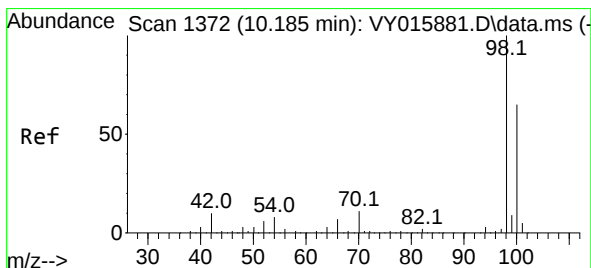
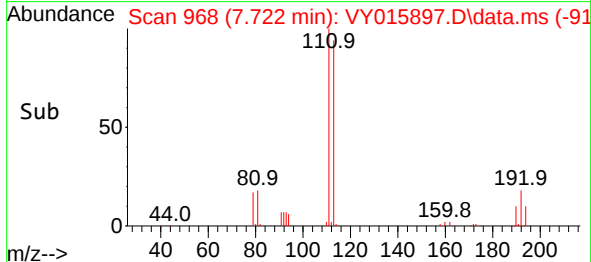
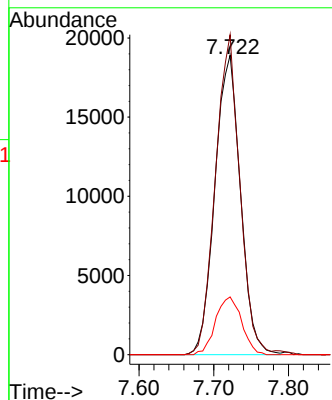
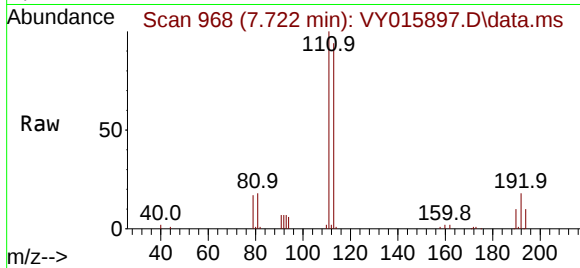




#35
Dibromofluoromethane
Concen: 56.347 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

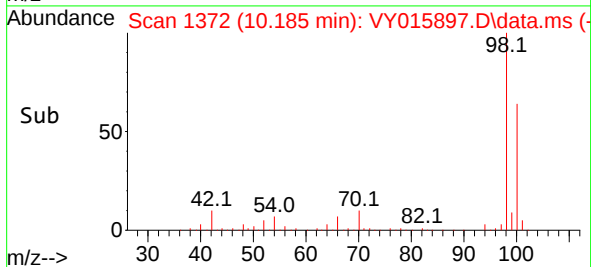
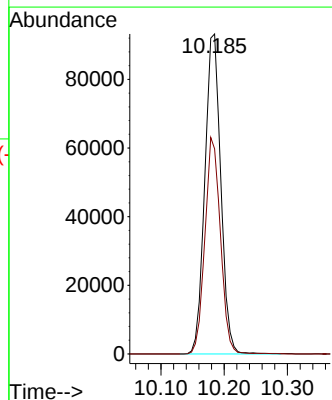
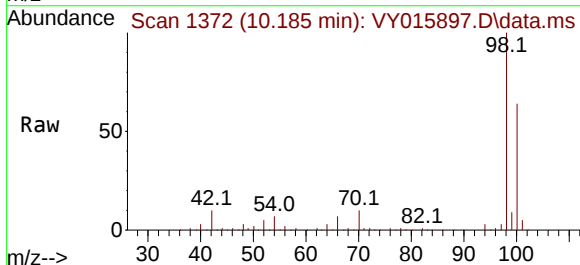
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

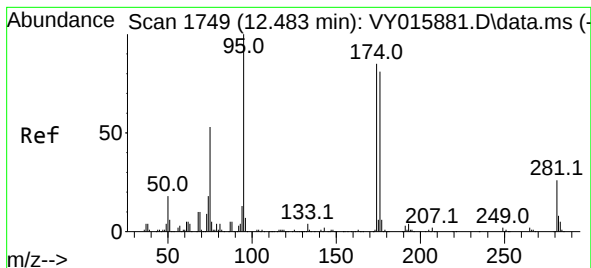
Tgt Ion:113 Resp: 44947
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 62.361 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

Tgt Ion: 98 Resp: 163942
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

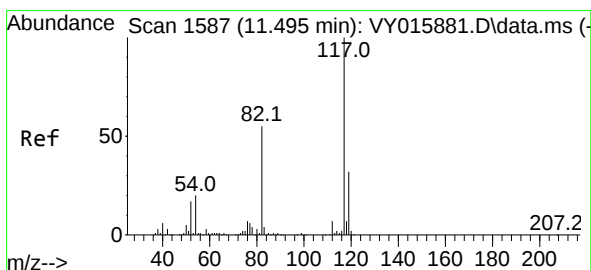
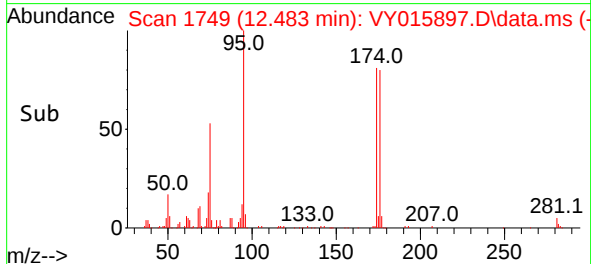
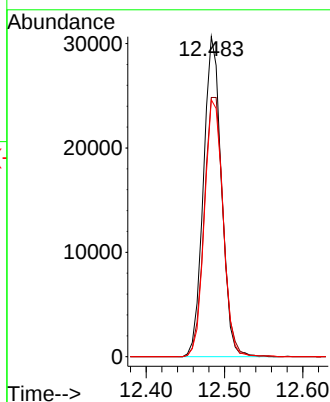
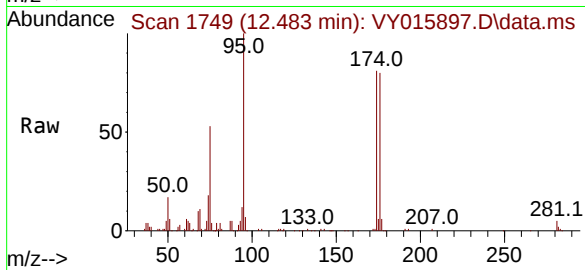




#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

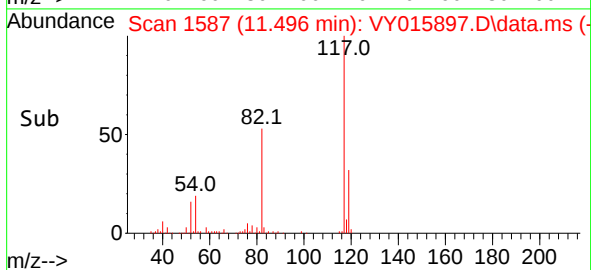
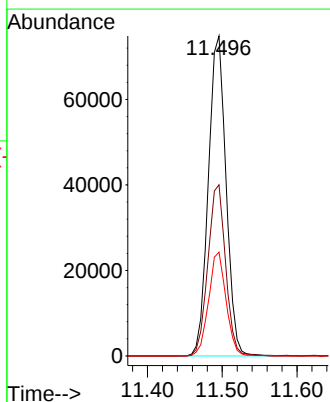
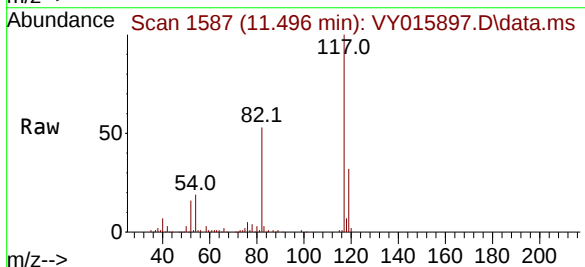
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

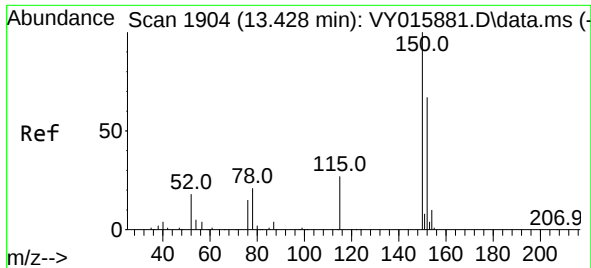
Tgt Ion: 95 Resp: 48923
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015897.D
Acq: 10 Oct 2023 15:17

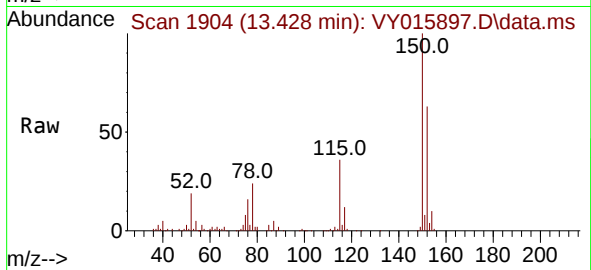
Tgt Ion: 117 Resp: 123383
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015897.D
 Acq: 10 Oct 2023 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4



Tgt Ion:	152	Resp:	52333
Ion Ratio	Lower	Upper	
152	100		
115	56.6	28.8	86.5
150	156.0	0.0	348.8

