

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014901.D
 Acq On : 28 Jul 2023 12:08
 Operator : SY/MD
 Sample : 03756-19
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 307/308-TP-6-8-GRAB-(4-5)

Quant Time: Jul 29 03:02:56 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)

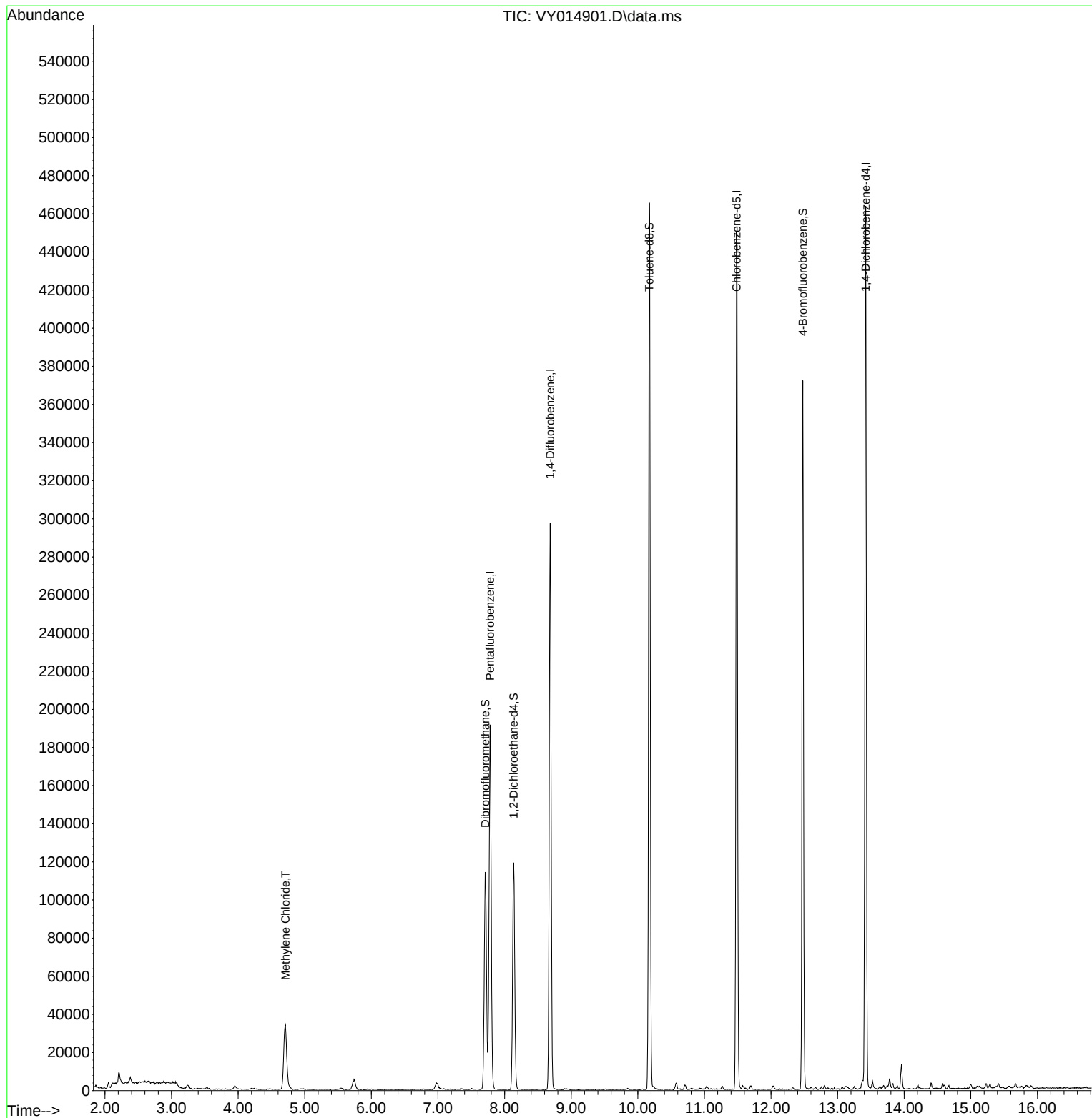
Internal Standards						
1) Pentafluorobenzene	7.783	168	141601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	241738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92921	57.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.180%
35) Dibromofluoromethane	7.710	113	80214	49.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.173	98	300331	50.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.477	95	108910	47.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	26245	12.645	ug/l	90

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

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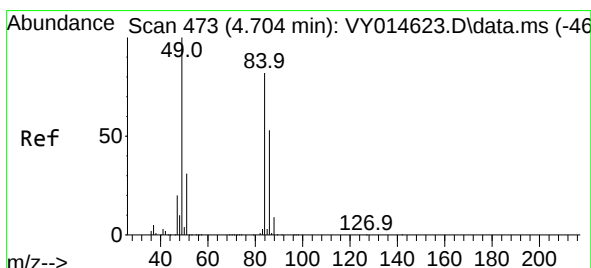
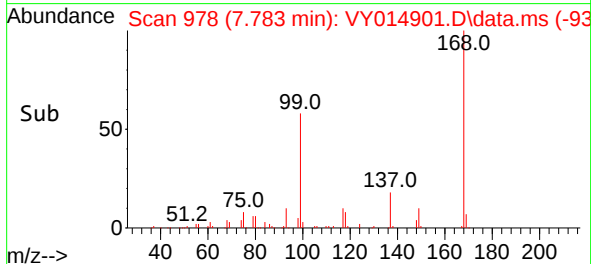
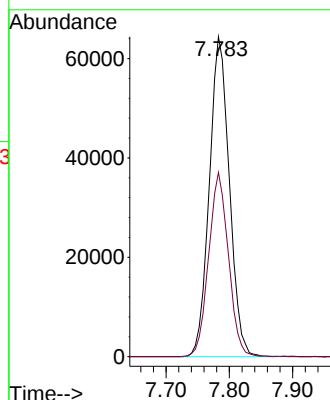
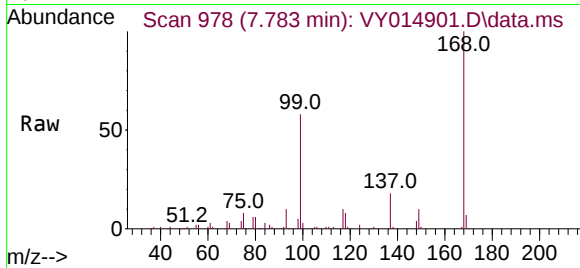




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

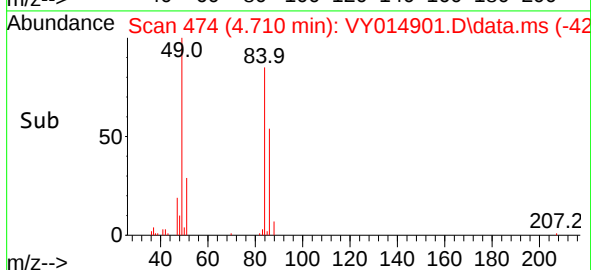
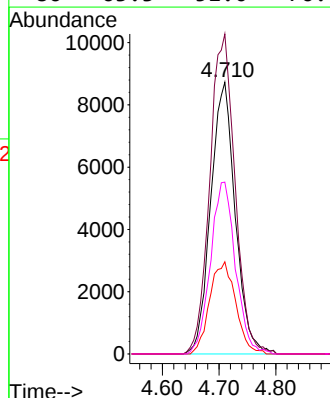
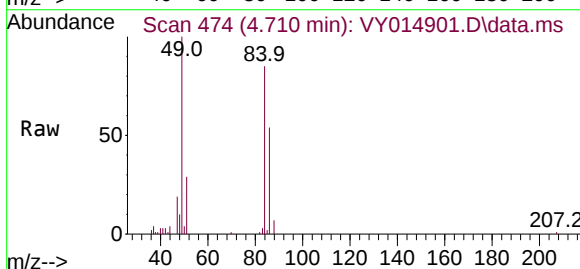
Instrument :
MSVOA_Y
ClientSampleId :
307/308-TP-6-8-GRAB-(4-5)

Tgt Ion:168 Resp: 141601
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#20
Methylene Chloride
Concen: 12.645 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

Tgt Ion: 84 Resp: 26245
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 34.0 33.2 49.8
86 63.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.586 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY014901.D

Acq: 28 Jul 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

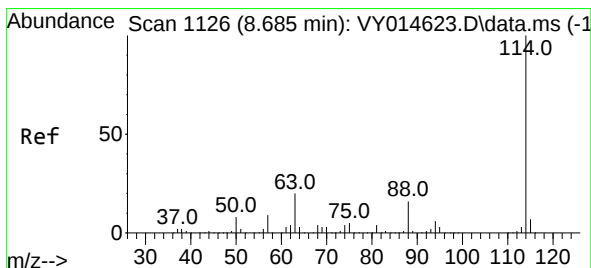
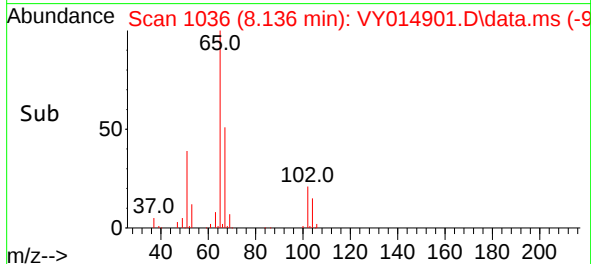
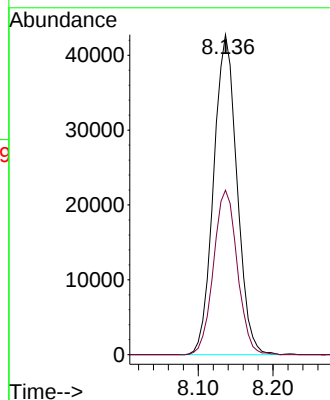
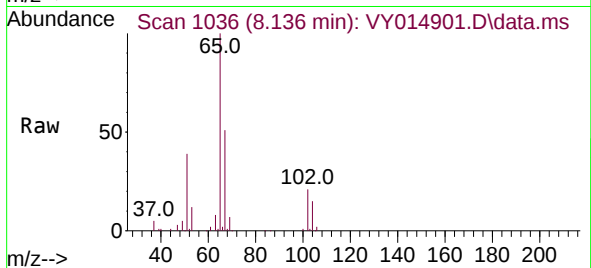
307/308-TP-6-8-GRAB-(4-5)

Tgt Ion: 65 Resp: 92921

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014901.D

Acq: 28 Jul 2023 12:08

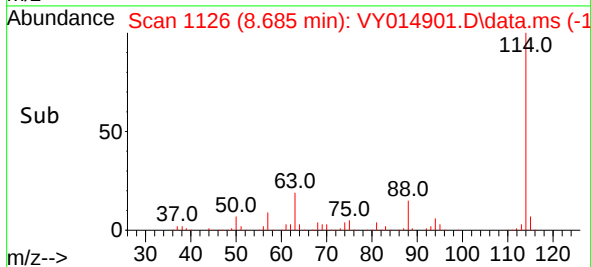
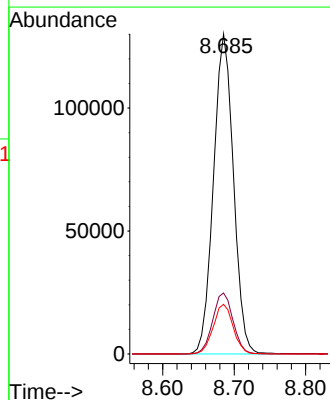
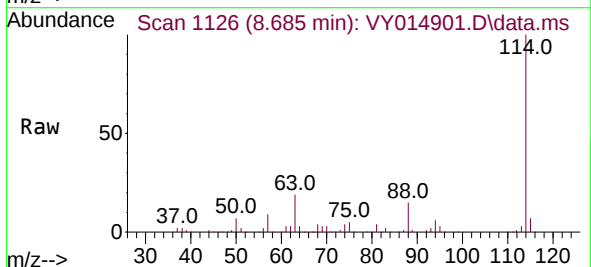
Tgt Ion: 114 Resp: 252361

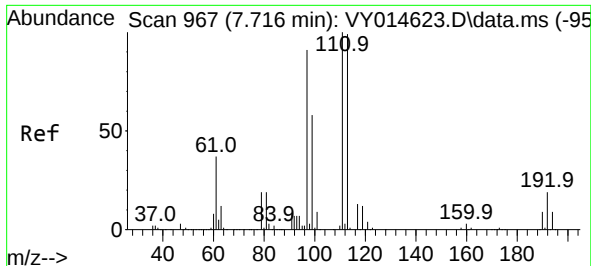
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.5 0.0 30.6

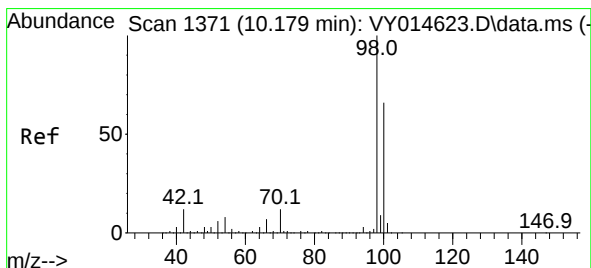
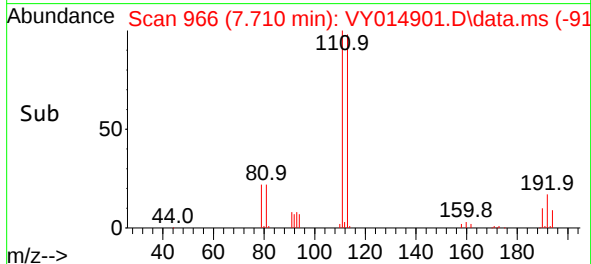
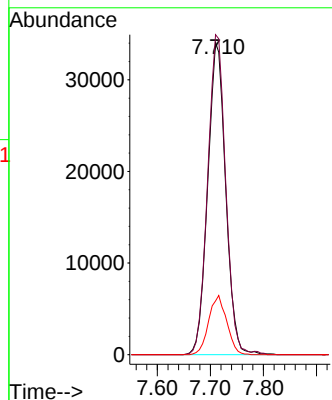
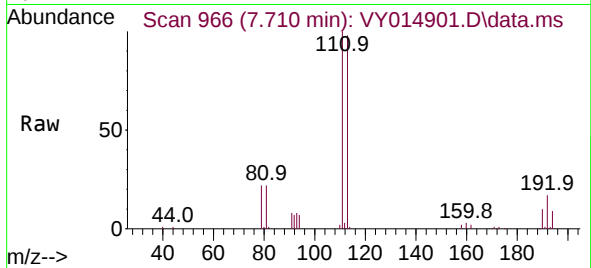




#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

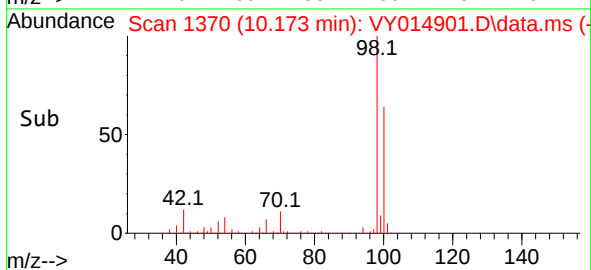
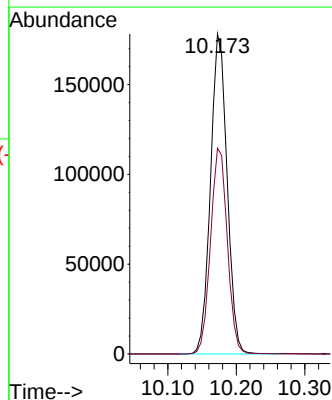
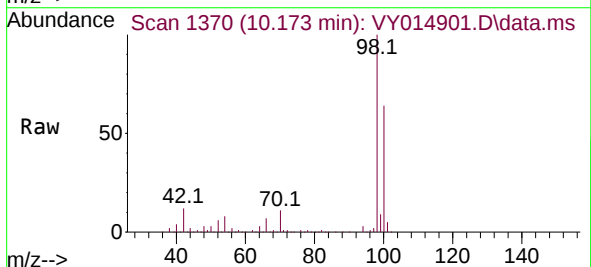
Instrument :
MSVOA_Y
ClientSampleId :
307/308-TP-6-8-GRAB-(4-5)

Tgt Ion:113 Resp: 80214
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 50.708 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

Tgt Ion: 98 Resp: 300331
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

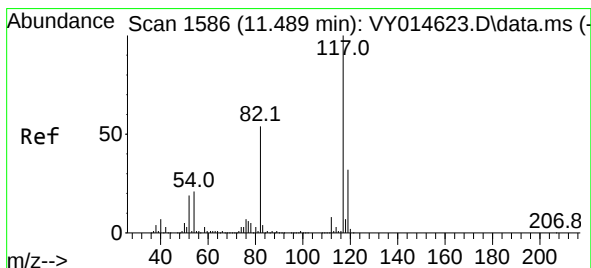
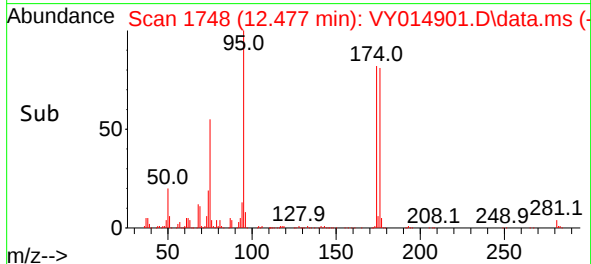
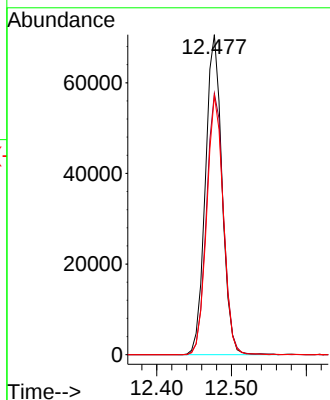
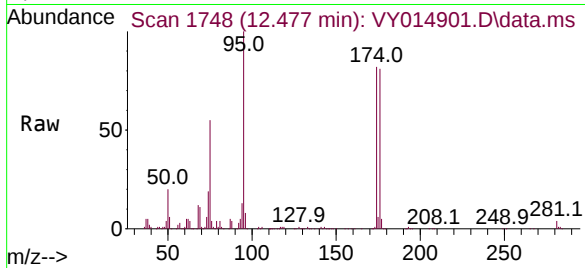




#62
4-Bromofluorobenzene
Concen: 47.957 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

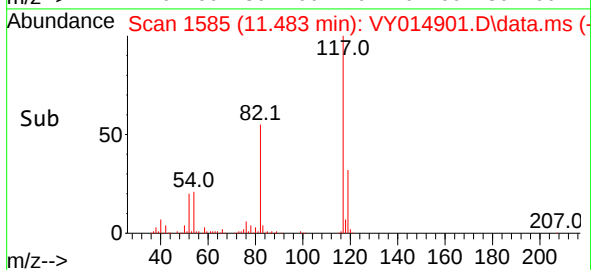
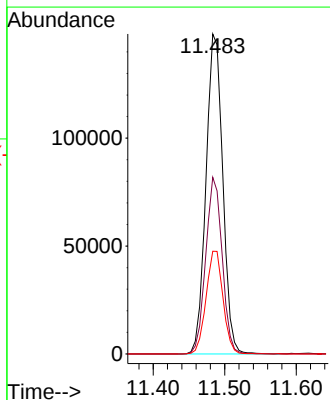
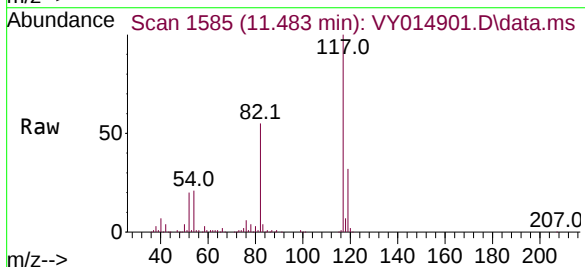
Instrument :
MSVOA_Y
ClientSampleId :
307/308-TP-6-8-GRAB-(4-5)

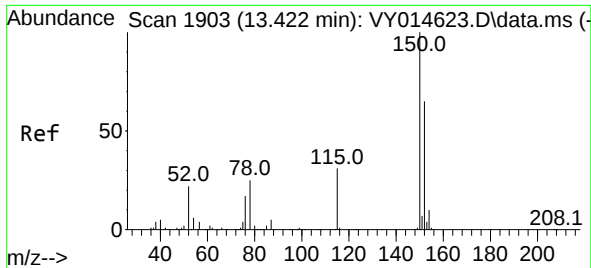
Tgt Ion: 95 Resp: 108910
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014901.D
Acq: 28 Jul 2023 12:08

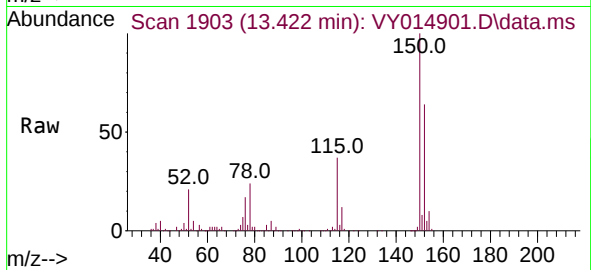
Tgt Ion: 117 Resp: 241738
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014901.D
 Acq: 28 Jul 2023 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 307/308-TP-6-8-GRAB-(4-5)



Tgt Ion:	152	Resp:	117463
Ion Ratio	Lower	Upper	
152	100		
115	58.0	28.8	86.5
150	155.0	0.0	348.8

