

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014411.D
 Acq On : 23 Jun 2023 16:38
 Operator : KP/MD
 Sample : 03329-17
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-6

Quant Time: Jun 23 17:38:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

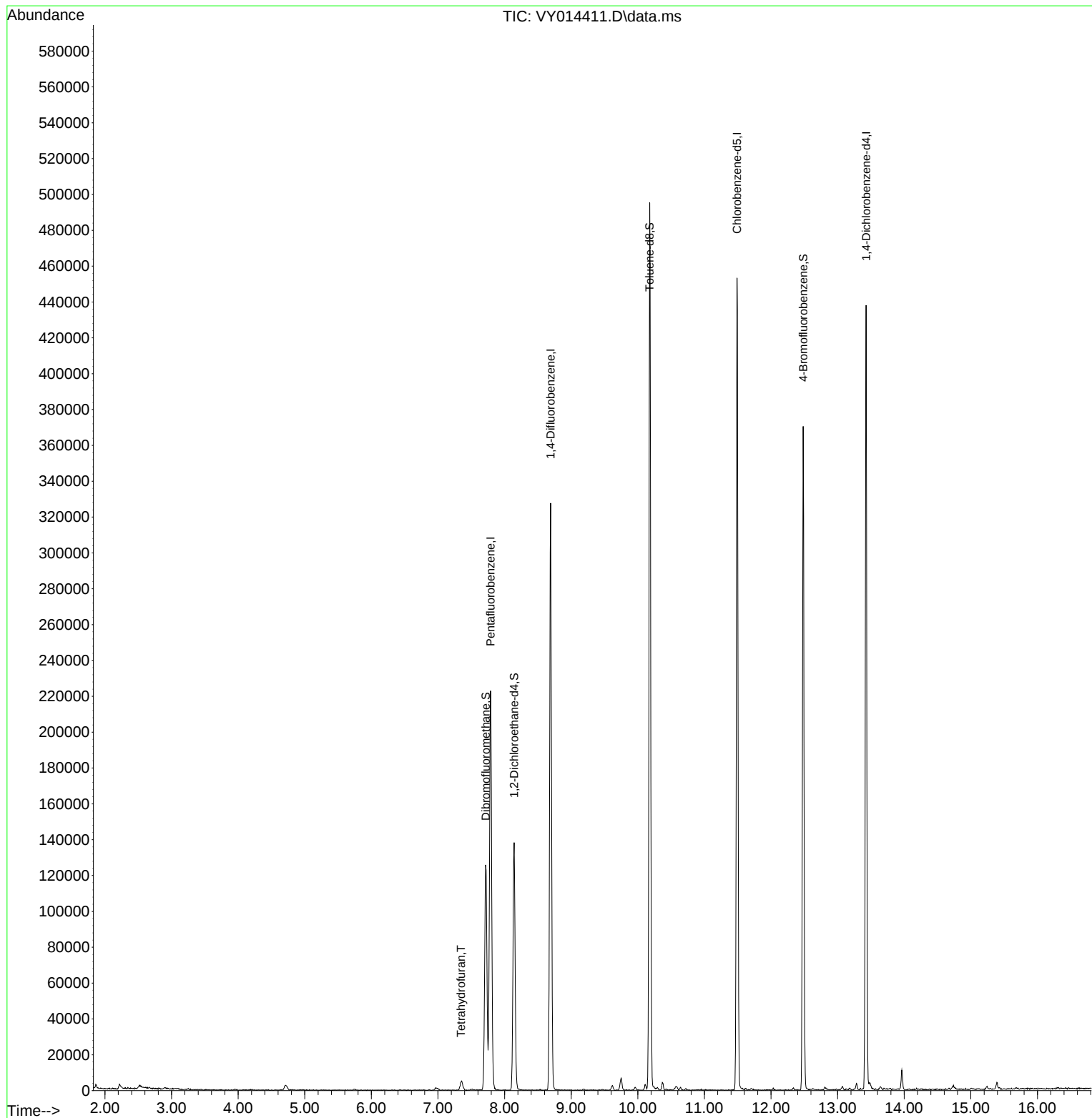
Internal Standards						
1) Pentafluorobenzene	7.789	168	174651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120309	55.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.716	113	84259	50.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.179	98	320909	48.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.483	95	98417	41.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%
Target Compounds						
29) Tetrahydrofuran	7.344	42	3714m	7.329	ug/l	Qvalue

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

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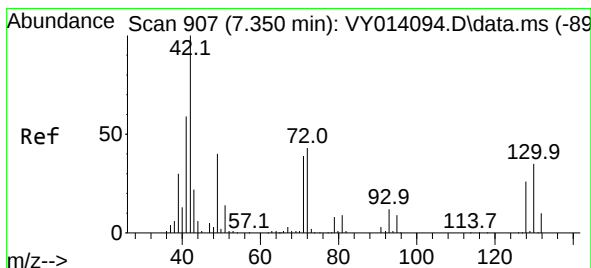
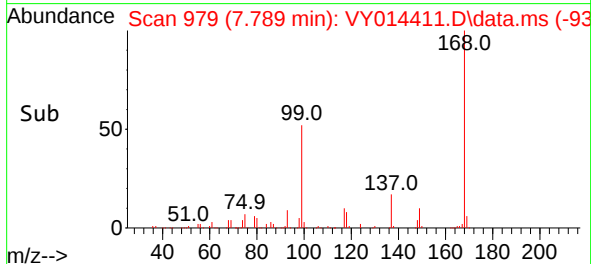
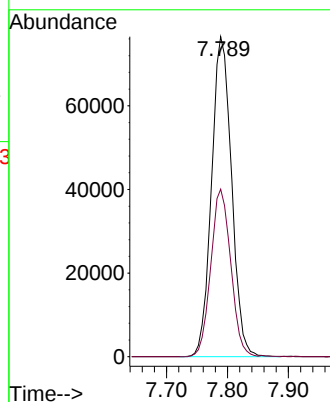
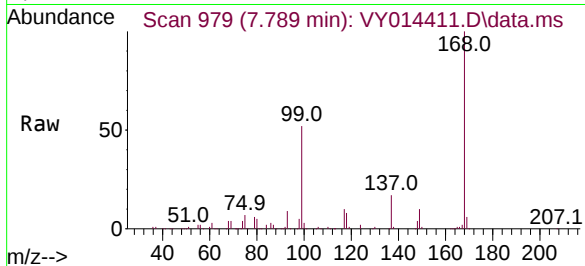




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

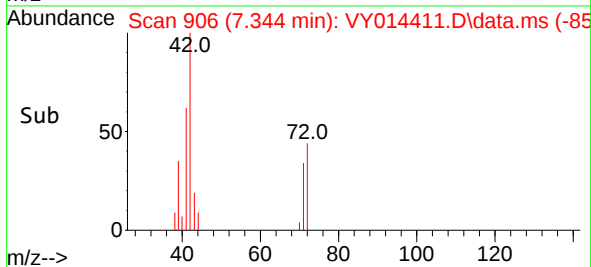
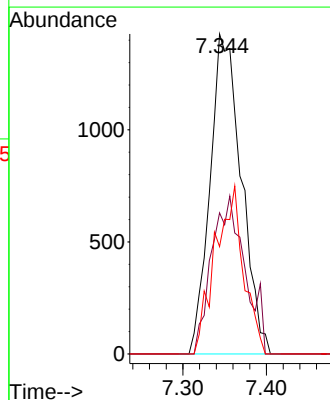
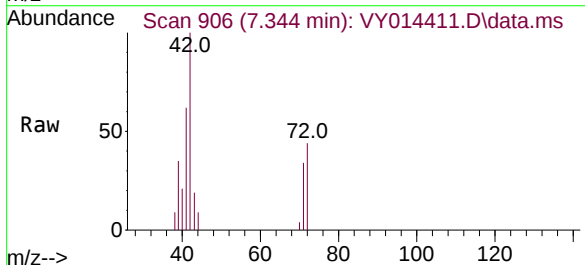
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

Tgt Ion:168 Resp: 174651
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#29
Tetrahydrofuran
Concen: 7.329 ug/l m
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 42 Resp: 3714
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.0 46.4#



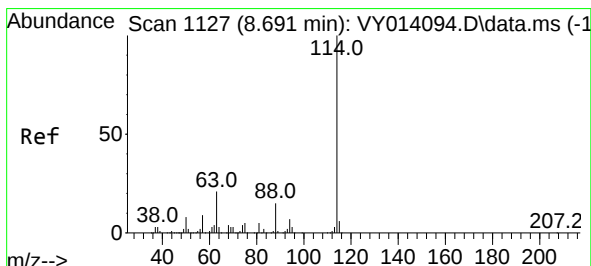
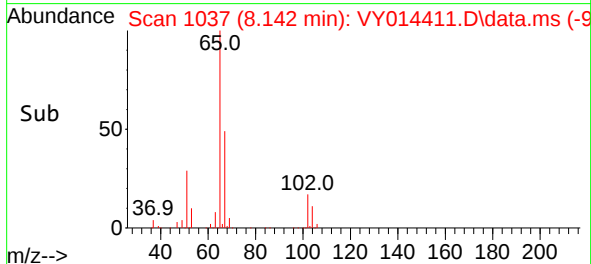
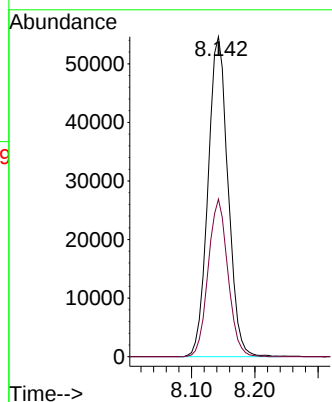
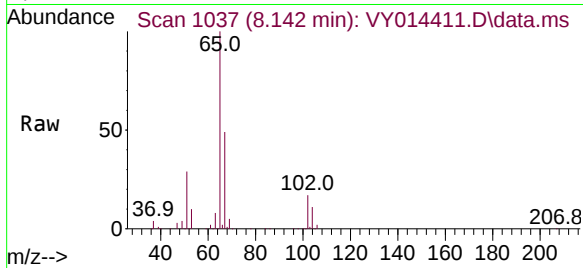


#33
 1,2-Dichloroethane-d4
 Concen: 55.482 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014411.D
 Acq: 23 Jun 2023 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-6

Tgt Ion: 65 Resp: 120309

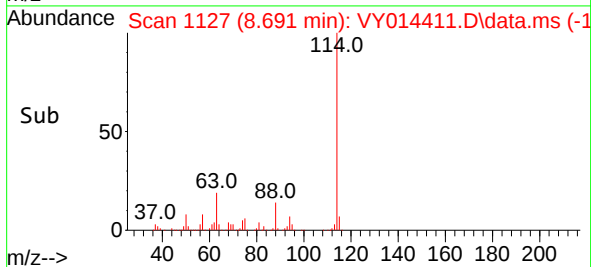
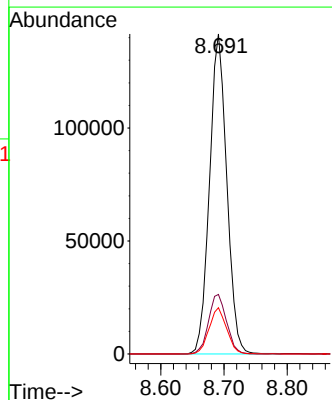
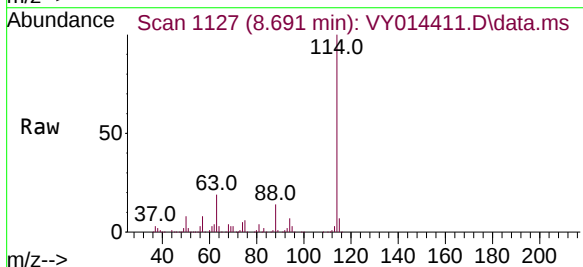
Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	101.8

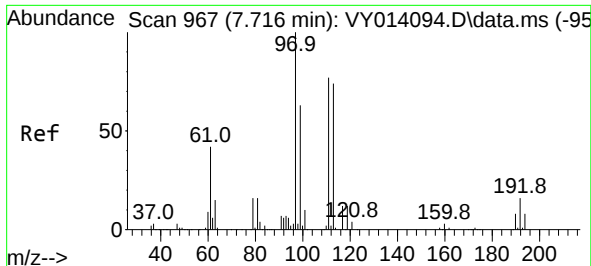


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014411.D
 Acq: 23 Jun 2023 16:38

Tgt Ion: 114 Resp: 268855

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.4
88	14.5	0.0	30.6

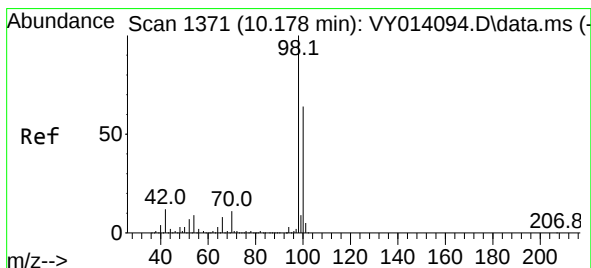
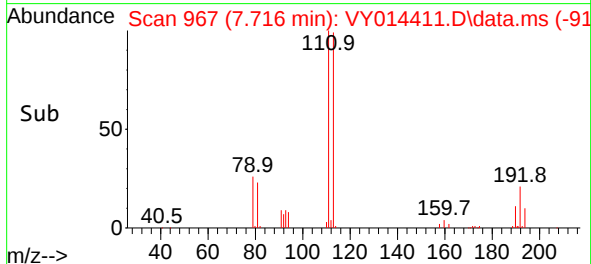
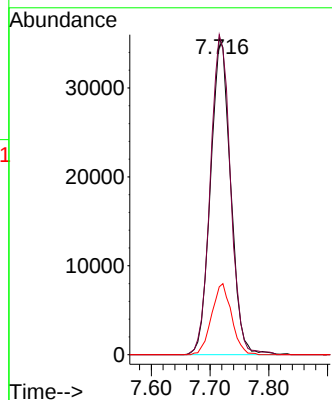
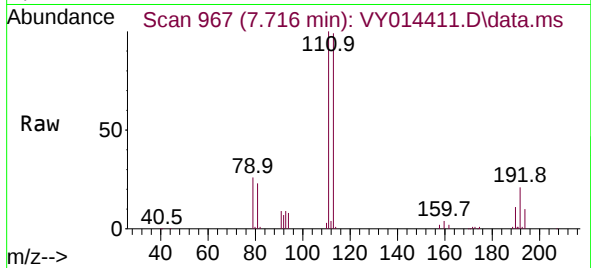




#35
Dibromofluoromethane
Concen: 50.727 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

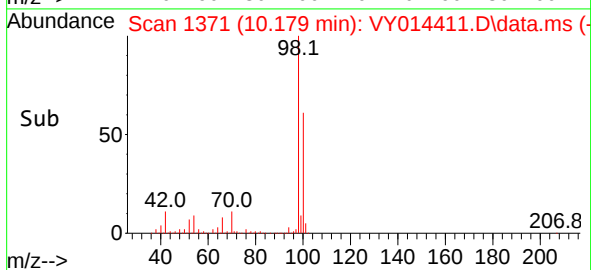
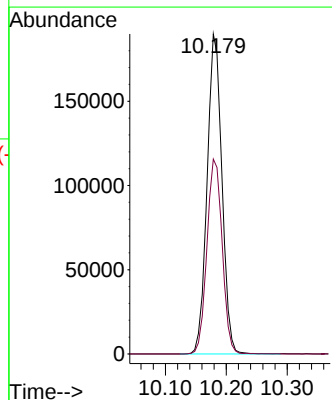
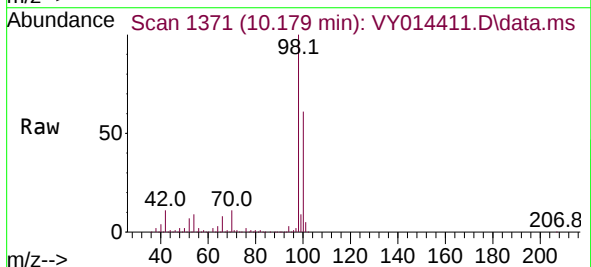
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

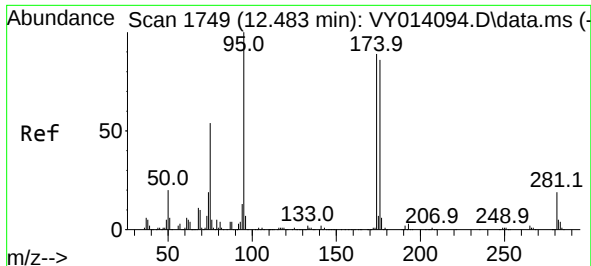
Tgt Ion:113 Resp: 84259
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 22.4 16.9 25.3



#50
Toluene-d8
Concen: 48.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 98 Resp: 320909
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

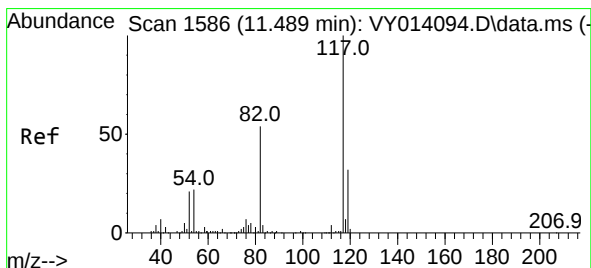
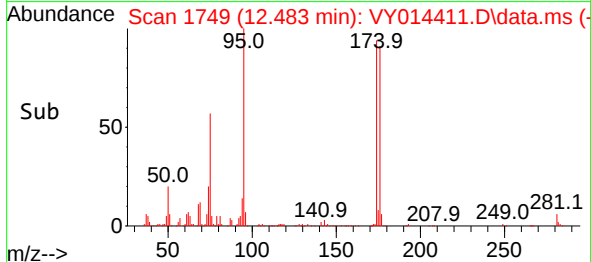
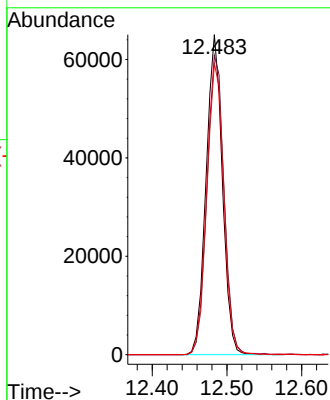
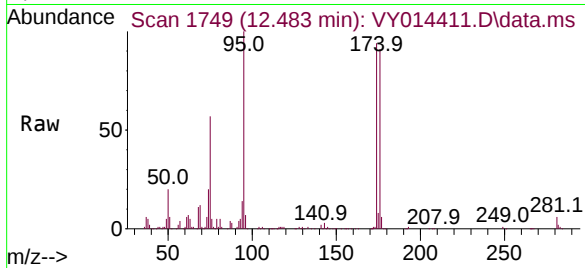




#62
4-Bromofluorobenzene
Concen: 41.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

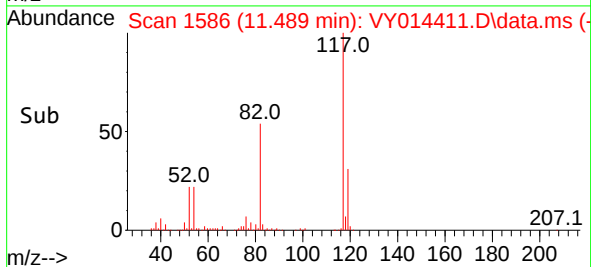
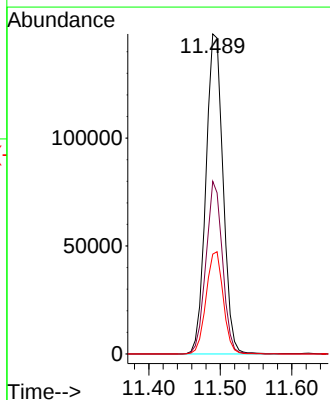
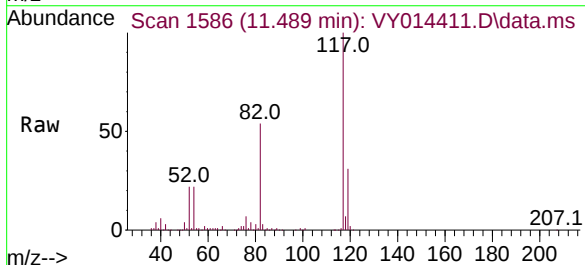
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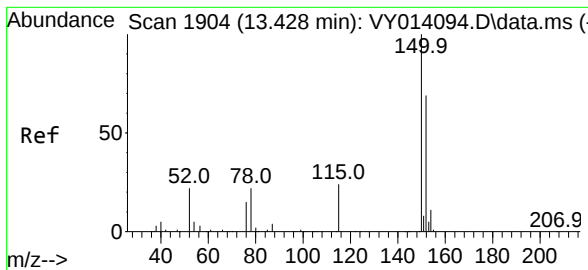
Tgt Ion:	95	Resp:	98417
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	178.2
176	95.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

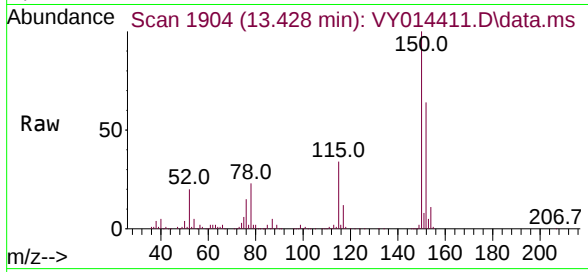
Tgt Ion:	117	Resp:	246578
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	31.2	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014411.D
 Acq: 23 Jun 2023 16:38

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SW01-0-8-GRAB-6



Tgt Ion:	152	Resp:	110560
Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.8	86.5
150	156.1	0.0	348.8

