

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014426.D
 Acq On : 26 Jun 2023 12:09
 Operator : KP/MD
 Sample : 03362-19RE
 Misc : 11.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-19-20-SB-20-GRAB-5RE

Quant Time: Jun 27 01:45:08 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)

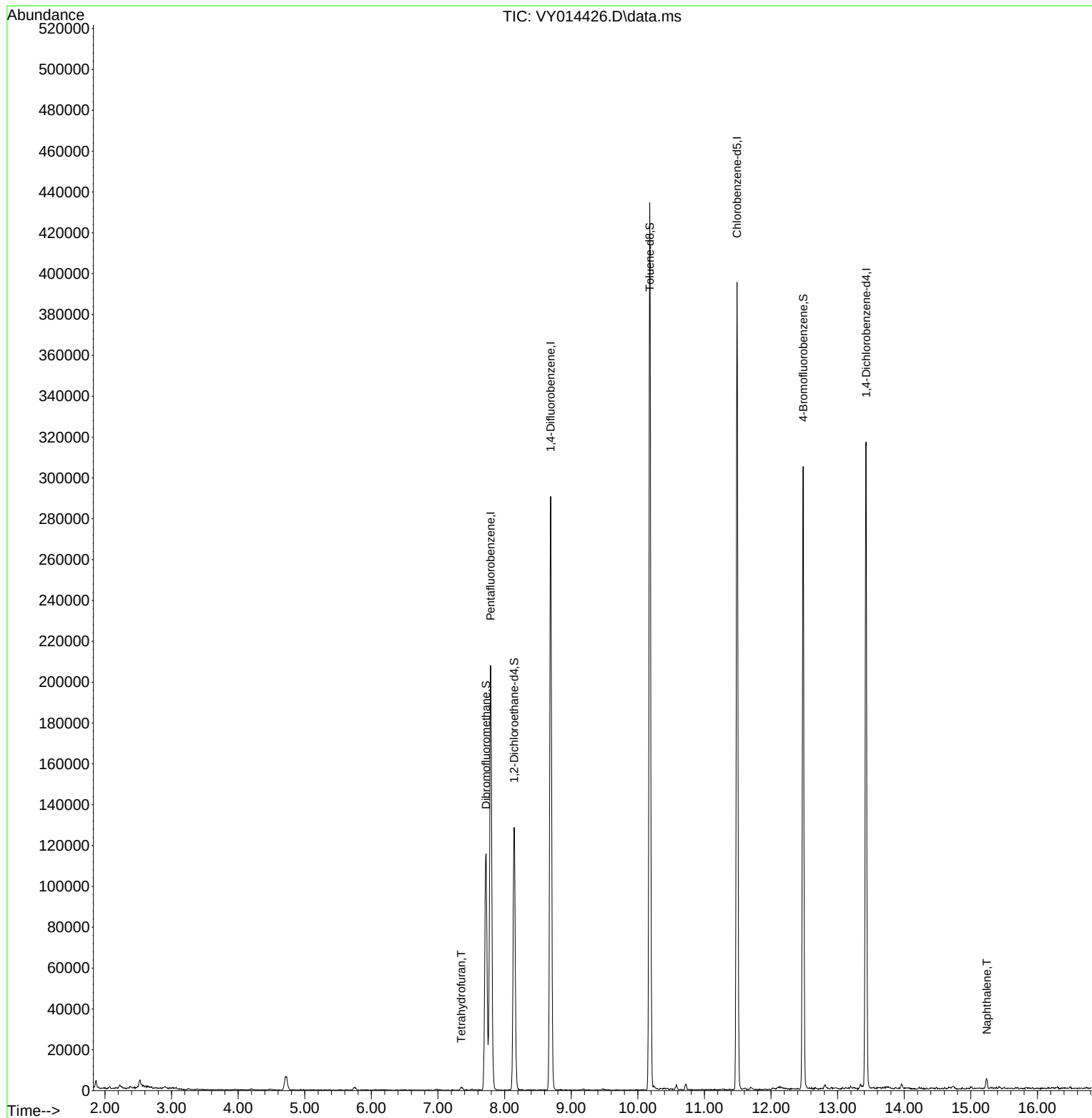
Internal Standards						
1) Pentafluorobenzene	7.789	168	161161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116517	58.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.460%
35) Dibromofluoromethane	7.722	113	75851	50.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.179	98	285362	47.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.483	95	82110	38.302	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.600%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.350	42	898	1.920	ug/l	# 75
95) Naphthalene	15.239	128	4656	1.286	ug/l	97

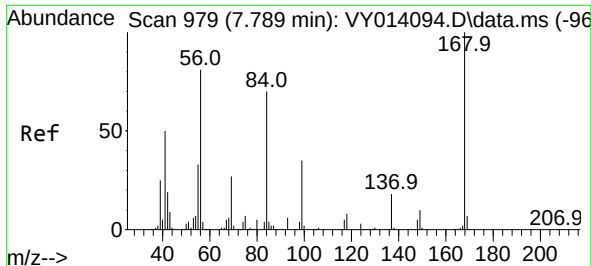
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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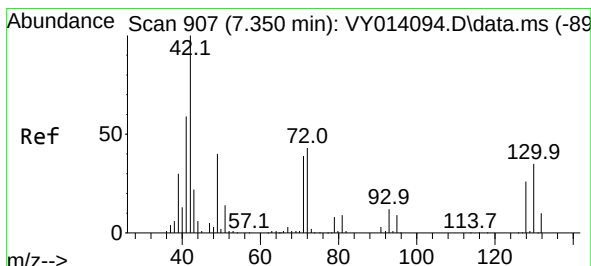
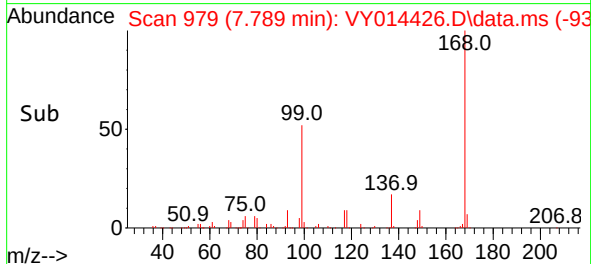
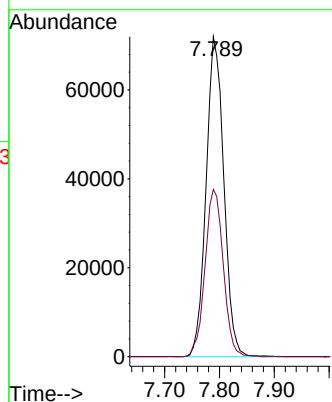
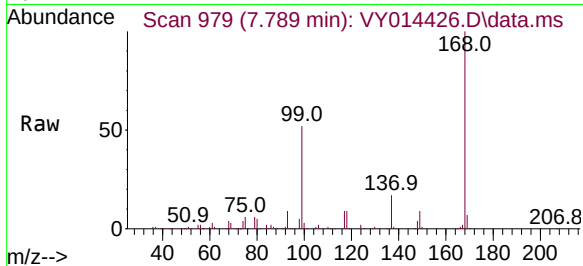




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

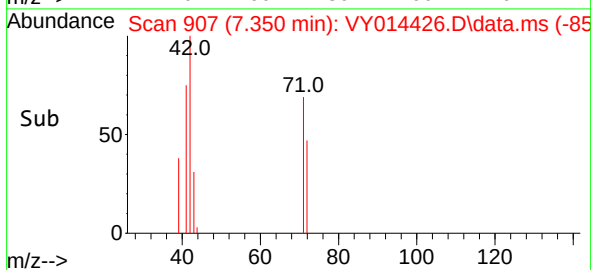
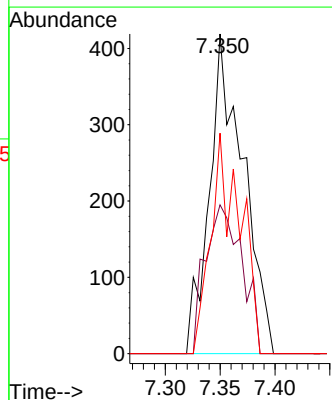
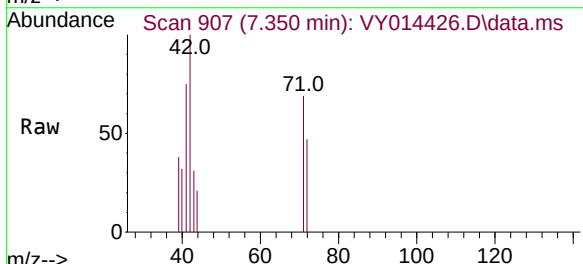
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5RE

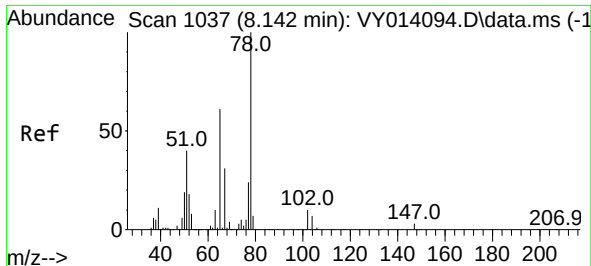
Tgt Ion:168 Resp: 161161
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#29
Tetrahydrofuran
Concen: 1.920 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

Tgt Ion: 42 Resp: 898
Ion Ratio Lower Upper
42 100
72 50.6 32.8 49.2#
71 60.1 31.0 46.4#



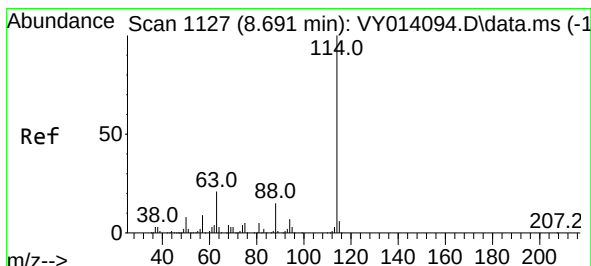
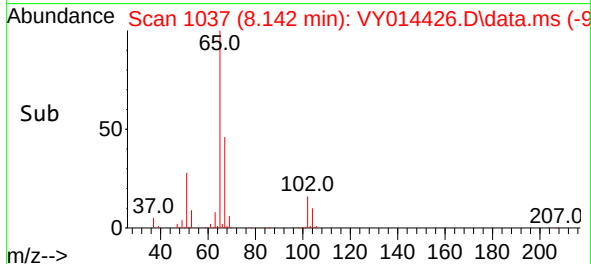
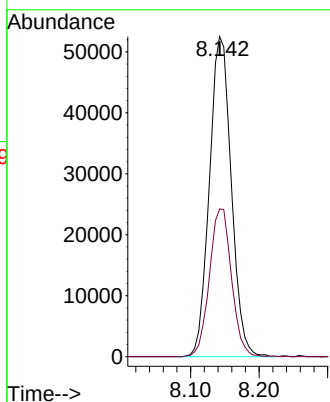
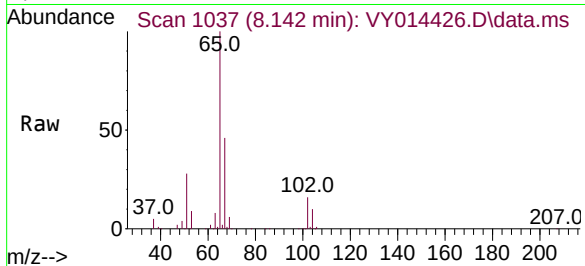


#33
 1,2-Dichloroethane-d4
 Concen: 58.231 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014426.D
 Acq: 26 Jun 2023 12:09

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SB-19-20-SB-20-GRAB-5RE

Tgt Ion: 65 Resp: 116517

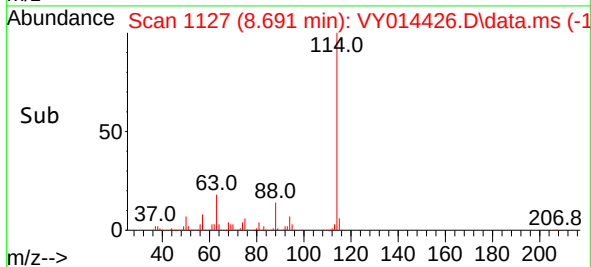
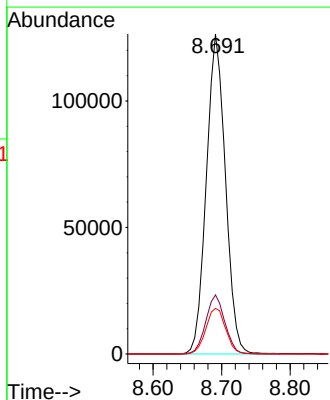
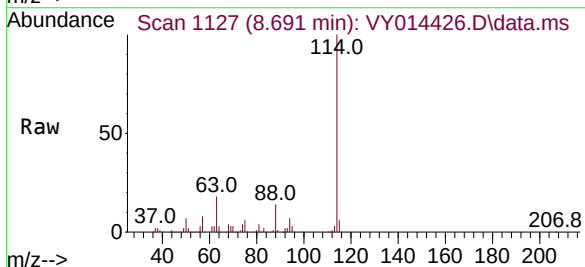
Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	101.8

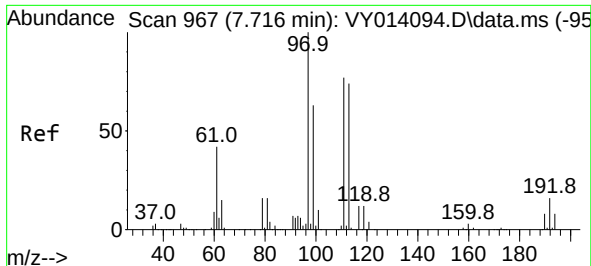


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014426.D
 Acq: 26 Jun 2023 12:09

Tgt Ion: 114 Resp: 244505

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.4
88	14.3	0.0	30.6

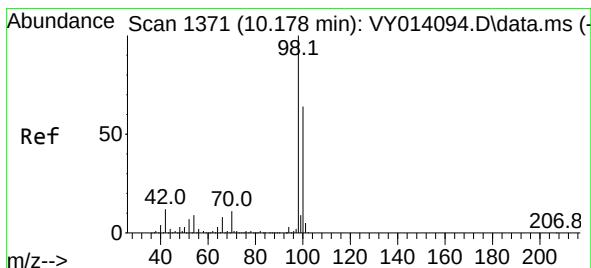
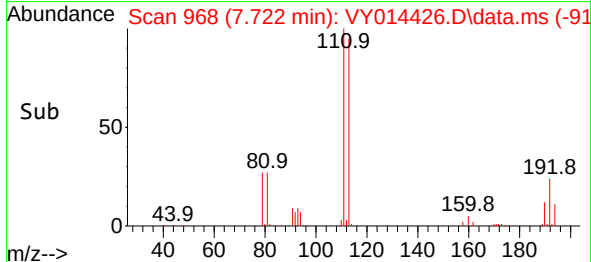
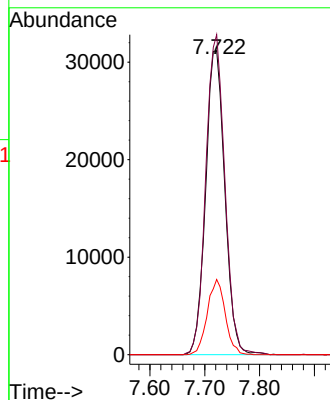
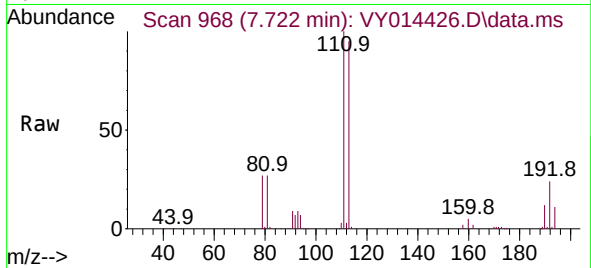




#35
Dibromofluoromethane
Concen: 50.212 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

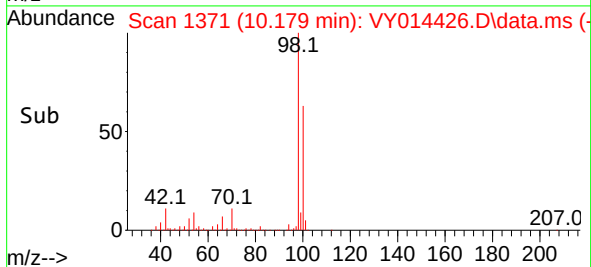
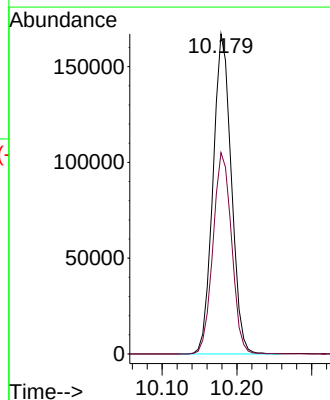
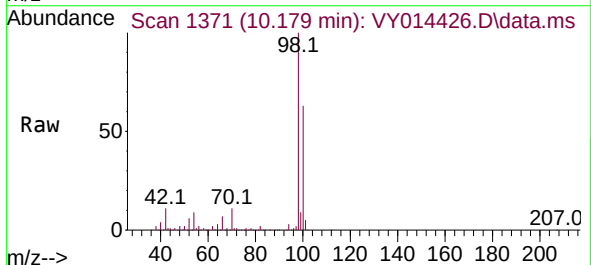
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5RE

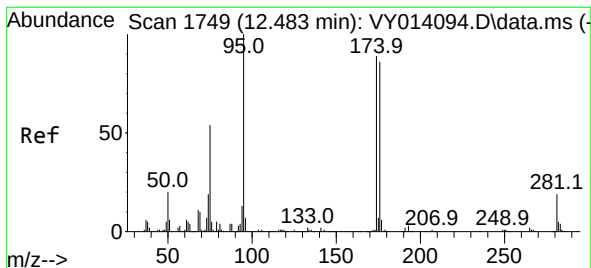
Tgt Ion:113 Resp: 75851
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 23.1 16.9 25.3



#50
Toluene-d8
Concen: 47.522 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

Tgt Ion: 98 Resp: 285362
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1

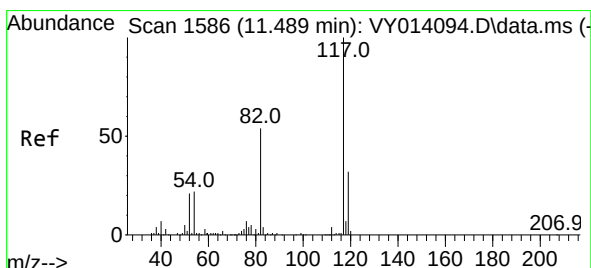
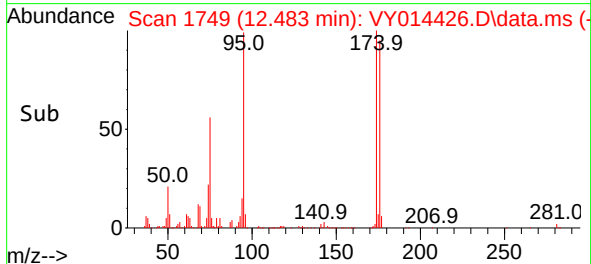
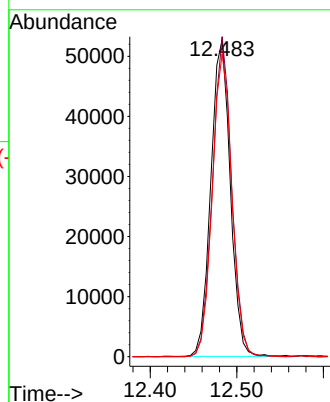
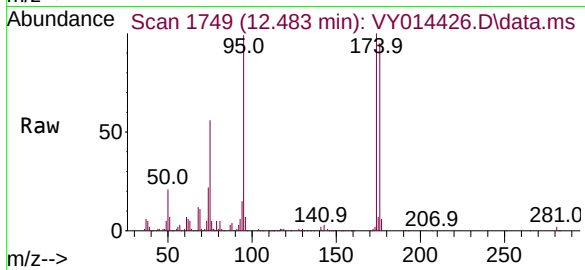




#62
4-Bromofluorobenzene
Concen: 38.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

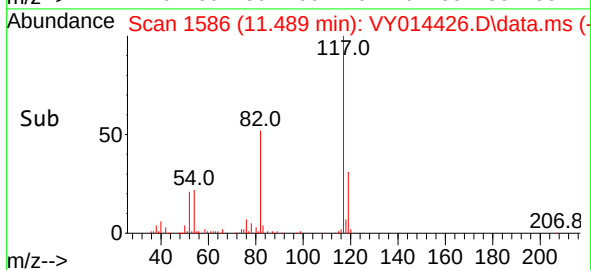
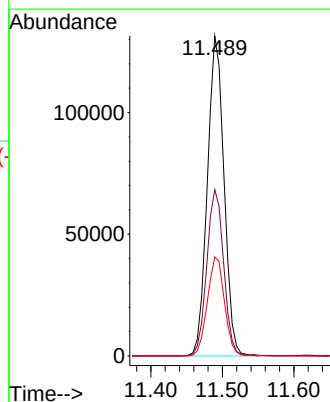
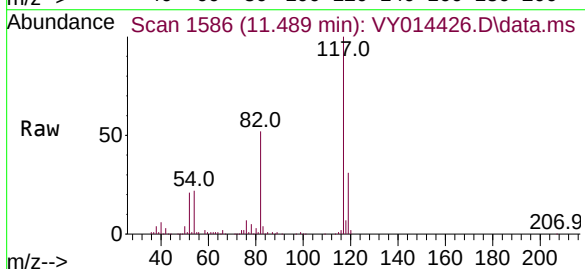
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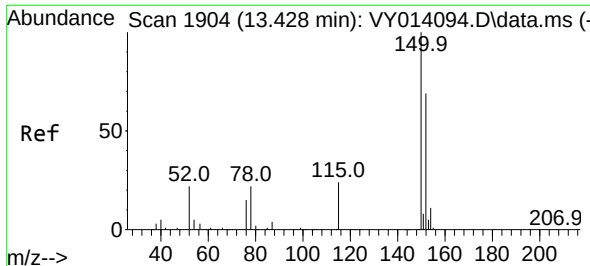
Tgt Ion: 95 Resp: 82110
Ion Ratio Lower Upper
95 100
174 99.8 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

Tgt Ion: 117 Resp: 212791
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 30.9 26.3 39.5

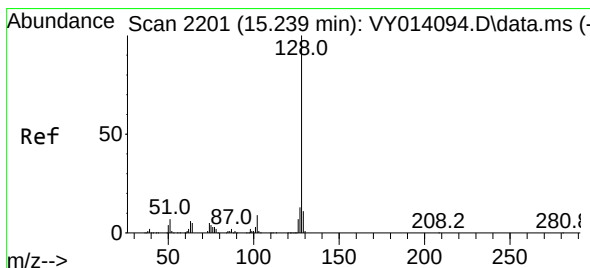
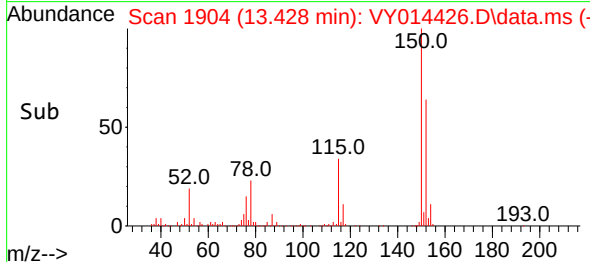
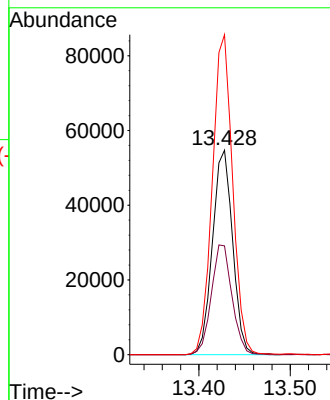
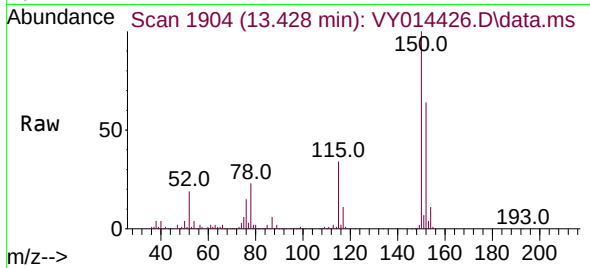




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-19-20-SB-20-GRAB-5RE

Tgt Ion:152 Resp: 84097
Ion Ratio Lower Upper
152 100
115 55.1 28.8 86.5
150 157.2 0.0 348.8



#95
Naphthalene
Concen: 1.286 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014426.D
Acq: 26 Jun 2023 12:09

Tgt Ion:128 Resp: 4656
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 11.5 8.6 13.0

