

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014187.D
 Acq On : 15 Jun 2023 14:19
 Operator : KP/MD
 Sample : 03222-12
 Misc : 8.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-5-SB-26

Quant Time: Jun 16 02:08:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

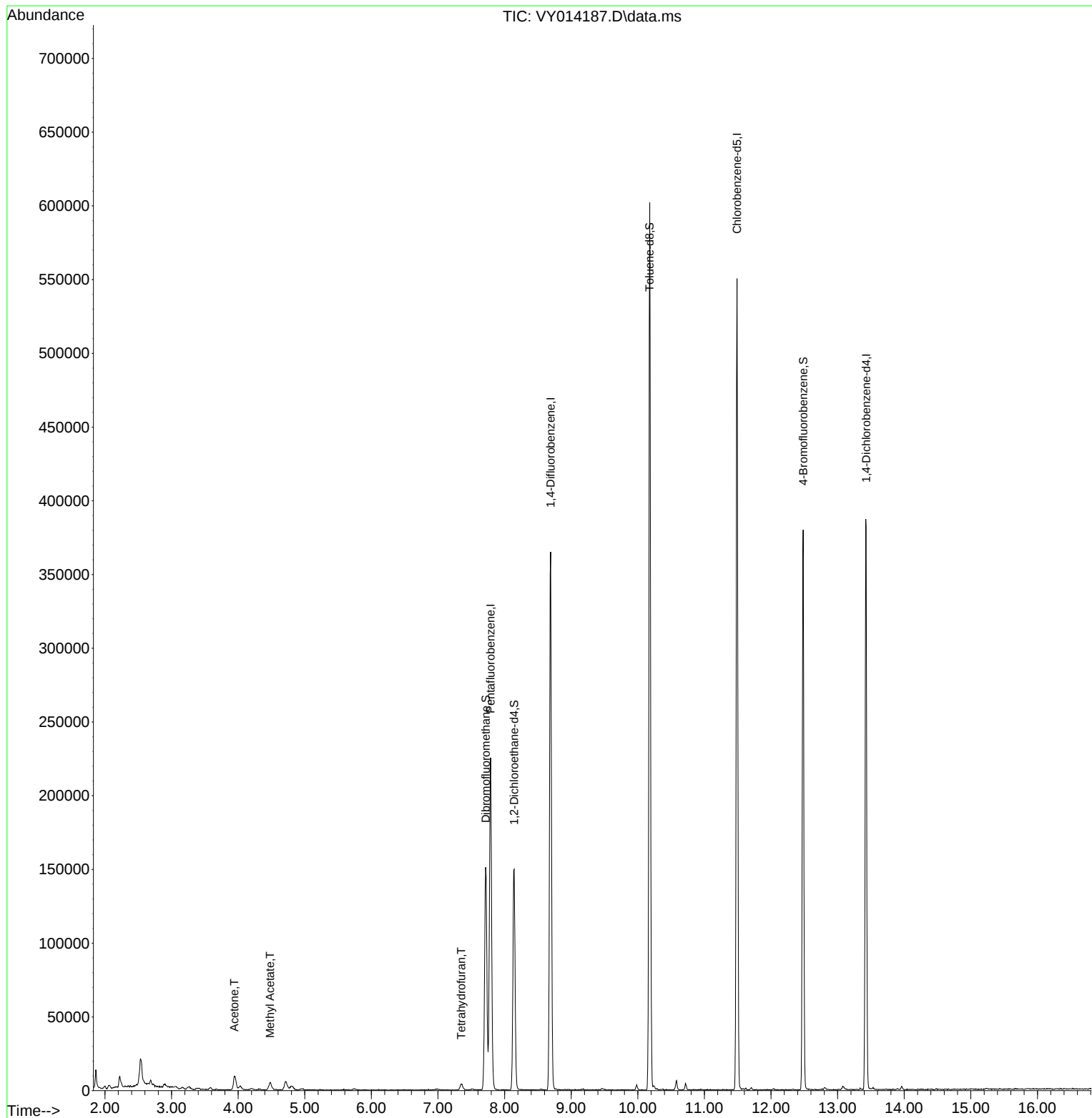
Internal Standards						
1) Pentafluorobenzene	7.789	168	171867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124917	52.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.400%
35) Dibromofluoromethane	7.716	113	103647	48.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.179	98	373573	46.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.483	95	104838	37.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.060%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	16693	23.139	ug/l	99
18) Methyl Acetate	4.479	43	9659	3.449	ug/l	97
29) Tetrahydrofuran	7.350	42	3329	5.912	ug/l	92

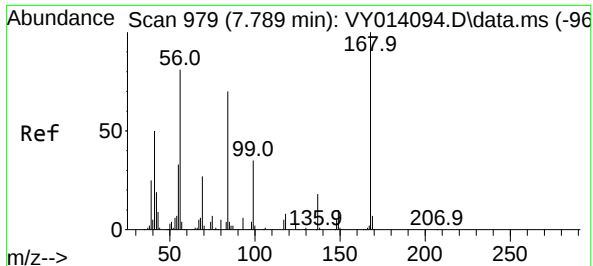
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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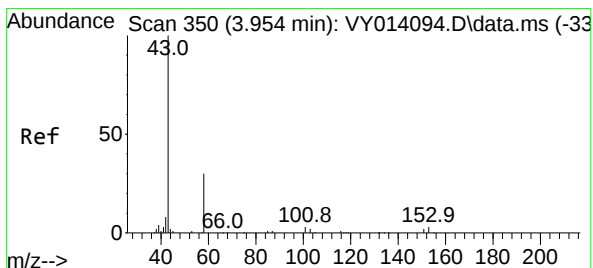
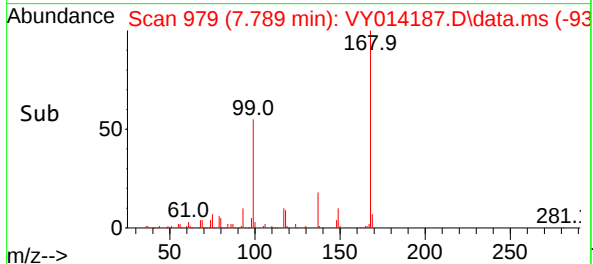
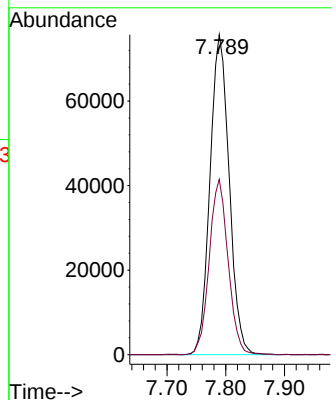
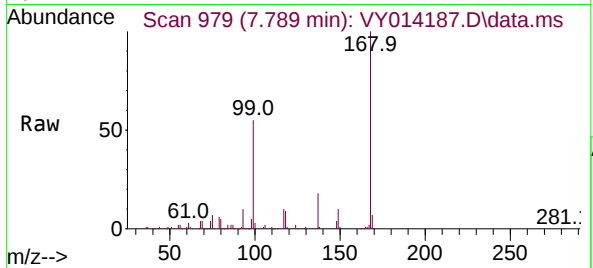




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

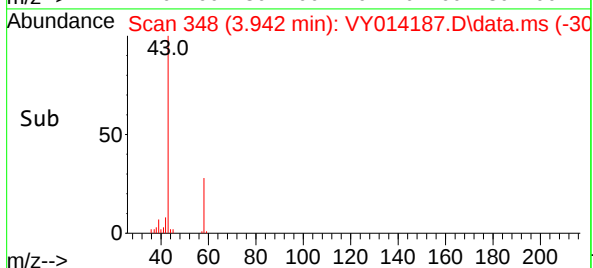
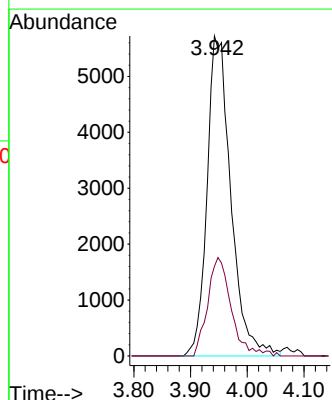
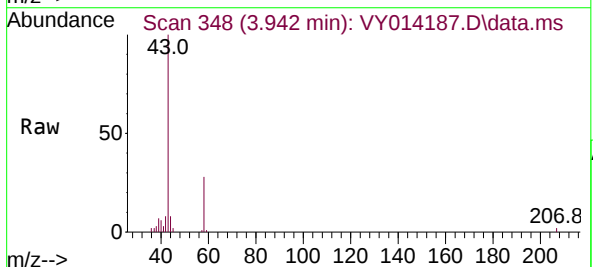
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-5-SB-26

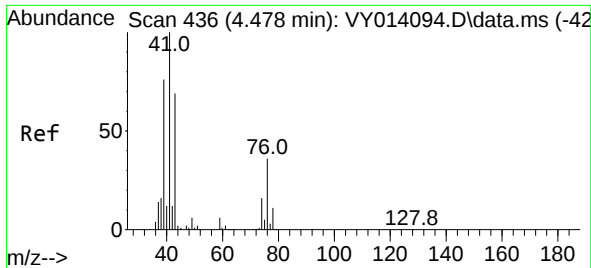
Tgt Ion:168 Resp: 171867
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 23.139 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

Tgt Ion: 43 Resp: 16693
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1

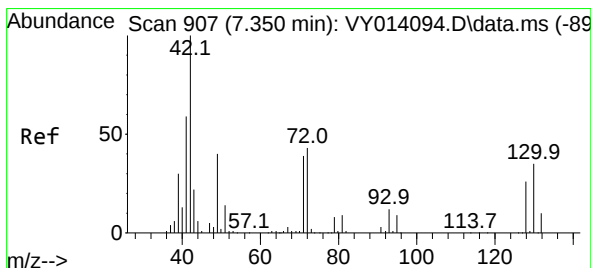
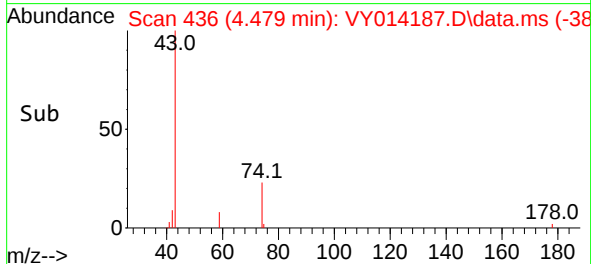
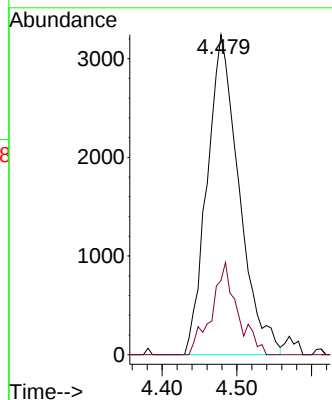
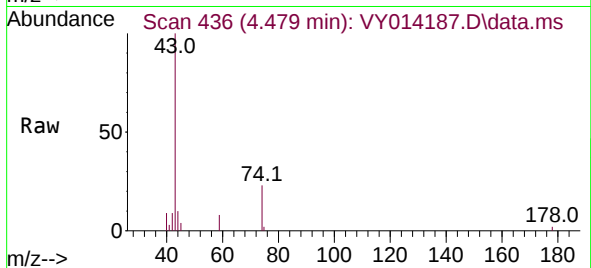




#18
Methyl Acetate
Concen: 3.449 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

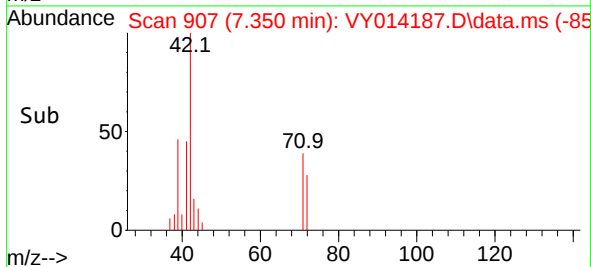
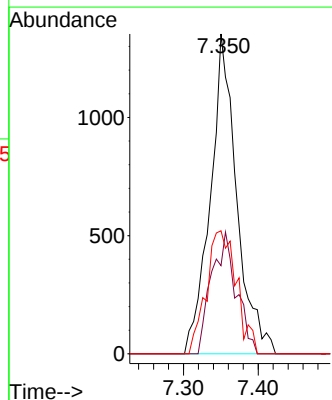
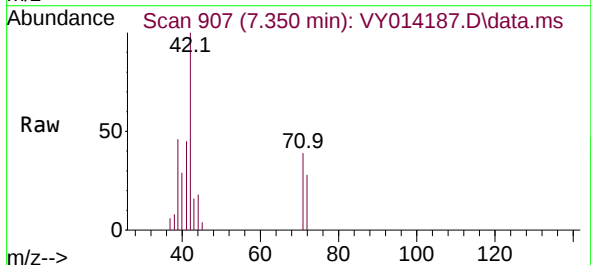
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-5-SB-26

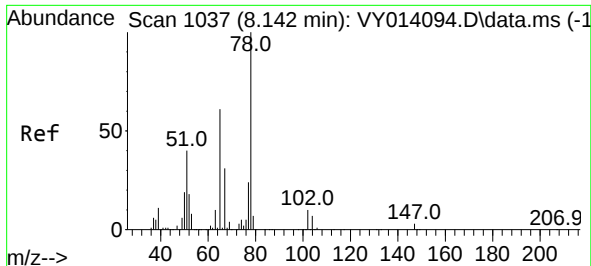
Tgt Ion: 43 Resp: 9659
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0



#29
Tetrahydrofuran
Concen: 5.912 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

Tgt Ion: 42 Resp: 3329
Ion Ratio Lower Upper
42 100
72 35.7 32.8 49.2
71 43.8 31.0 46.4

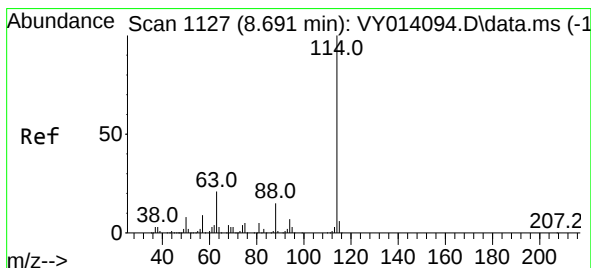
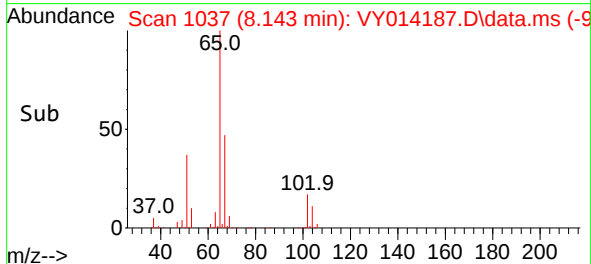
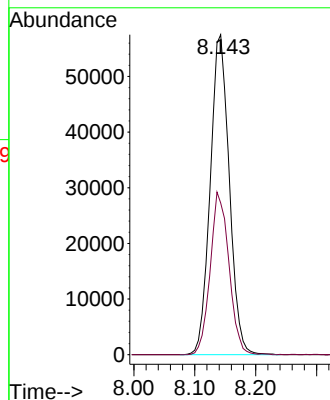
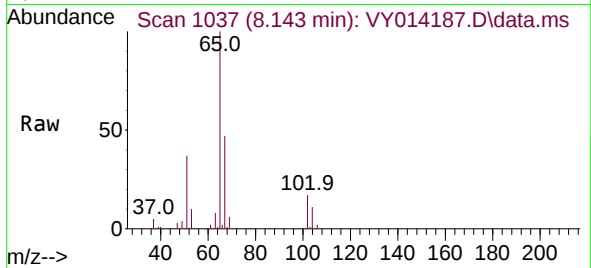




#33
 1,2-Dichloroethane-d4
 Concen: 52.195 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014187.D
 Acq: 15 Jun 2023 14:19

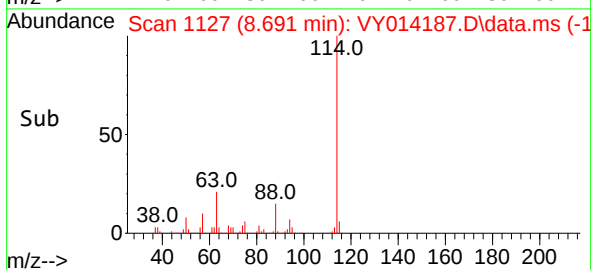
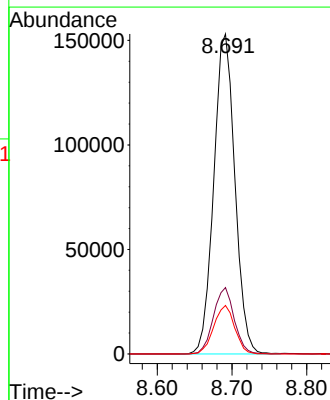
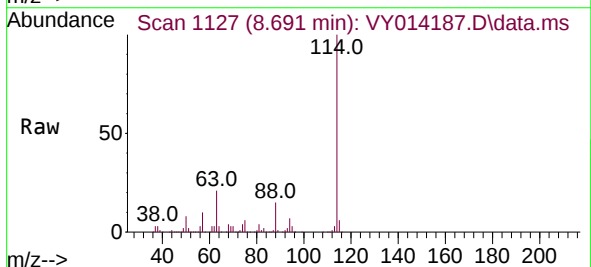
Instrument :
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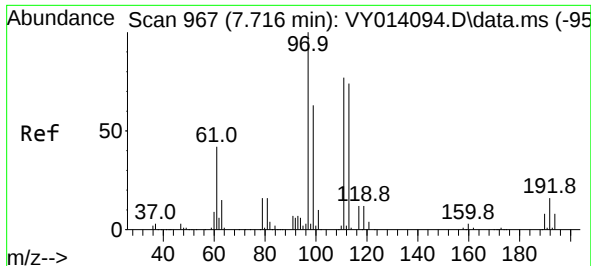
Tgt Ion: 65 Resp: 124917
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014187.D
 Acq: 15 Jun 2023 14:19

Tgt Ion: 114 Resp: 300596
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.2 0.0 30.6

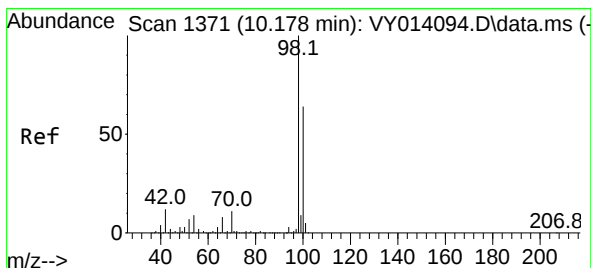
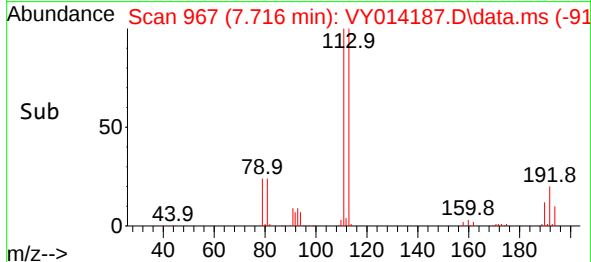
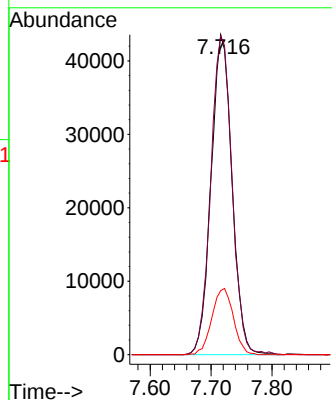
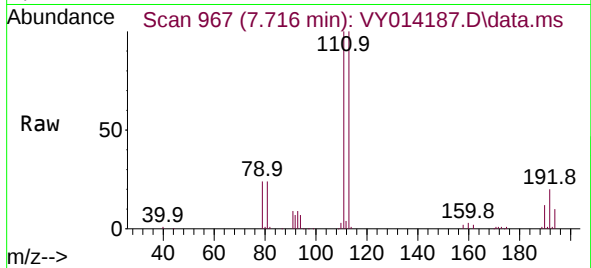




#35
Dibromofluoromethane
Concen: 48.620 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

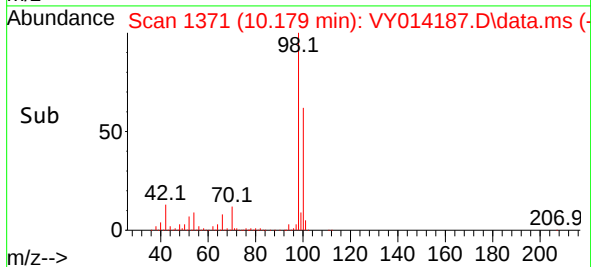
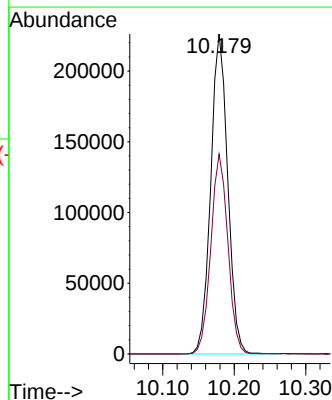
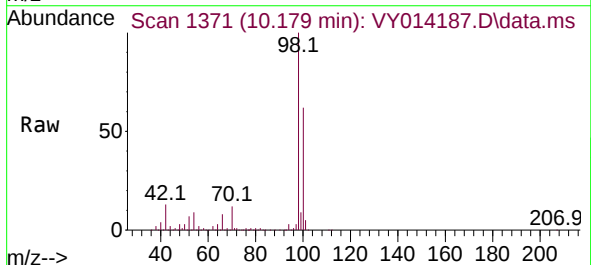
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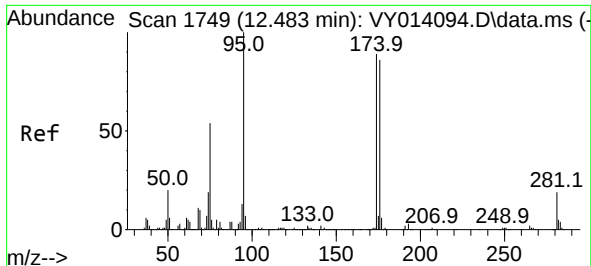
Tgt Ion:113 Resp: 103647
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 46.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

Tgt Ion: 98 Resp: 373573
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

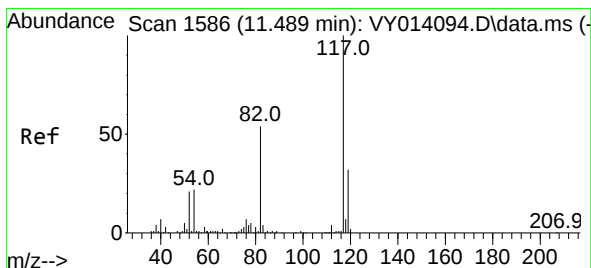
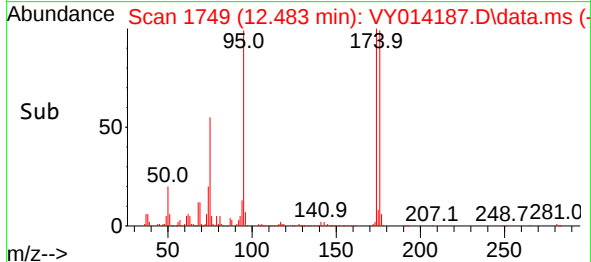
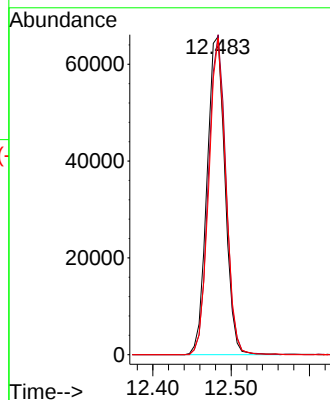
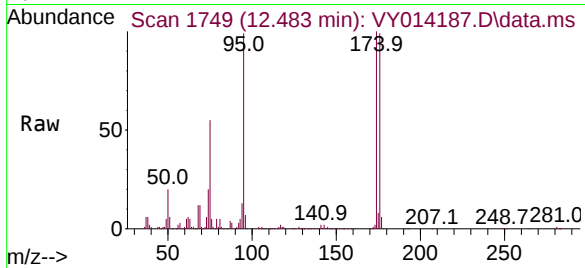




#62
4-Bromofluorobenzene
Concen: 37.031 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

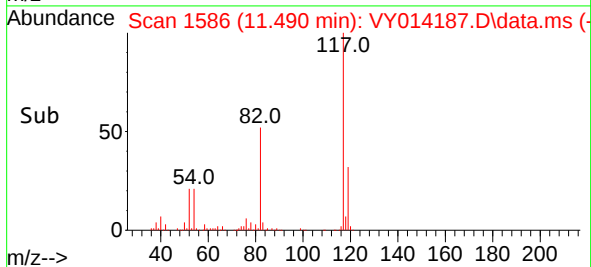
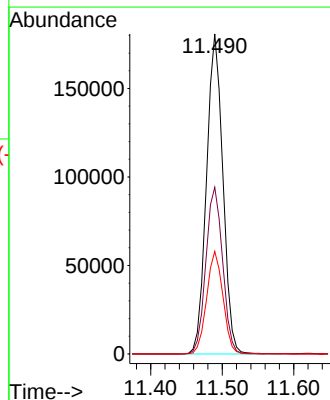
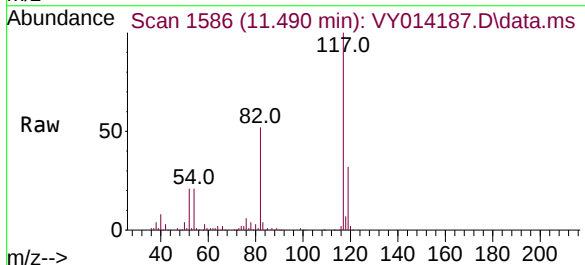
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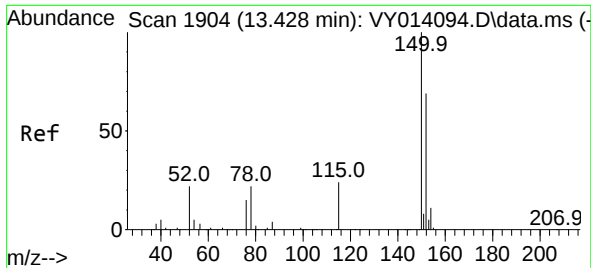
Tgt Ion: 95 Resp: 104838
Ion Ratio Lower Upper
95 100
174 97.0 0.0 178.2
176 94.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014187.D
Acq: 15 Jun 2023 14:19

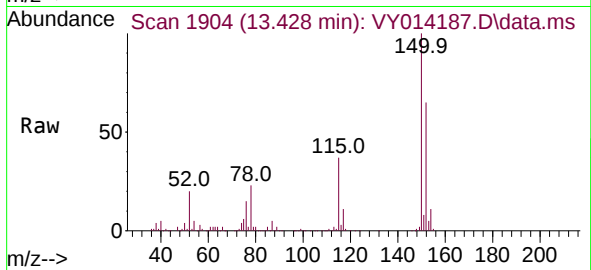
Tgt Ion: 117 Resp: 287466
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014187.D
 Acq: 15 Jun 2023 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-5-SB-26



Tgt Ion:	152	Resp:	101399
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.8	86.5
150	156.0	0.0	348.8

