

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014361.D
 Acq On : 22 Jun 2023 04:57
 Operator : KP/MD
 Sample : 03330-06
 Misc : 2.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC03-GRAB-7

Quant Time: Jun 22 07:30:41 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)

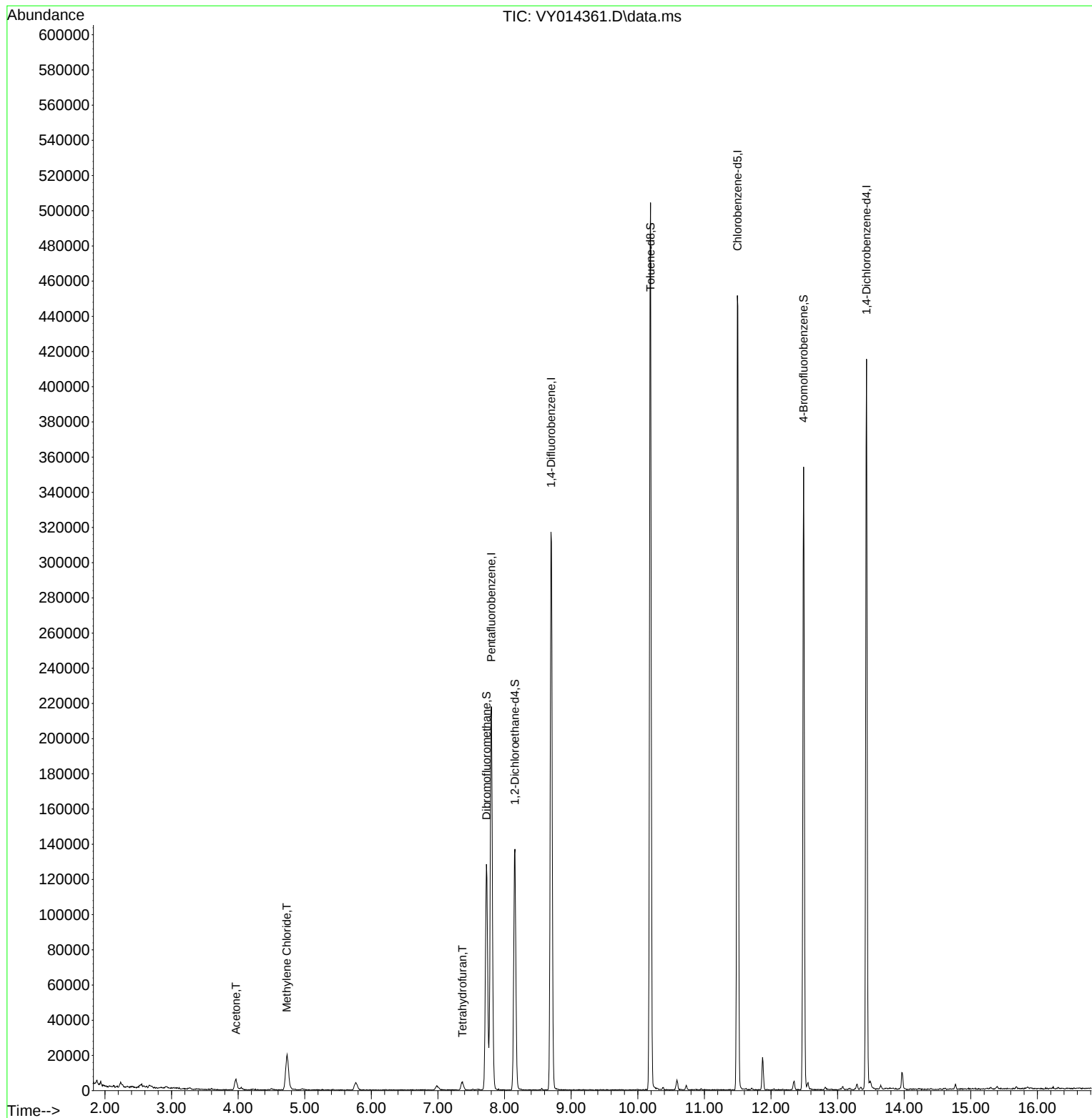
Internal Standards						
1) Pentafluorobenzene	7.801	168	173316	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	270628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	116864	48.422	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.728	113	86440	45.039	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.080%
50) Toluene-d8	10.191	98	325581	45.376	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.760%
62) 4-Bromofluorobenzene	12.489	95	97818	38.377	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.760%
Target Compounds						
16) Acetone	3.967	43	10301	14.160	ug/l	98
20) Methylene Chloride	4.729	84	15227	3.200	ug/l	82
29) Tetrahydrofuran	7.368	42	3628	6.389	ug/l	97

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

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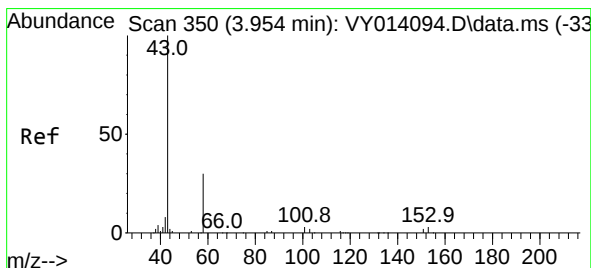
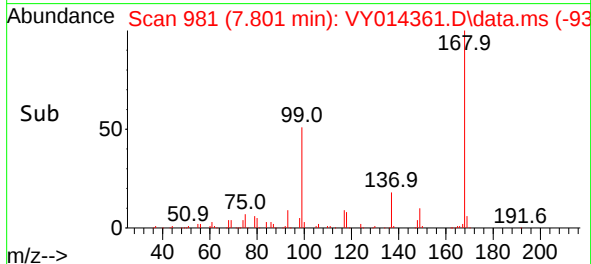
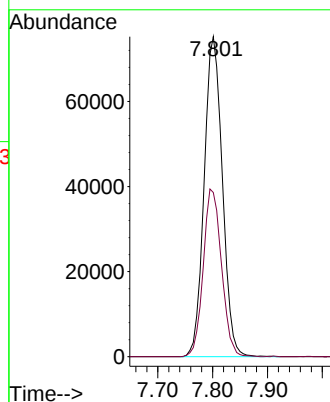
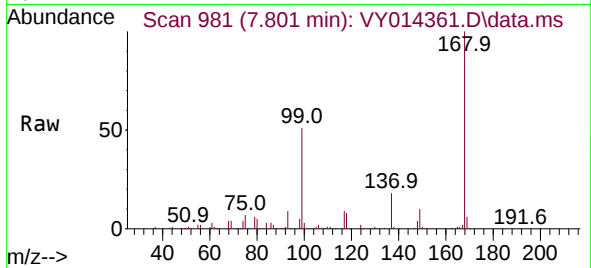




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

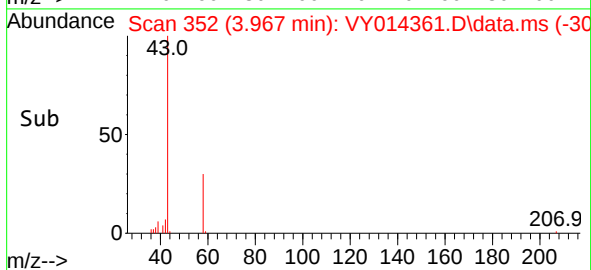
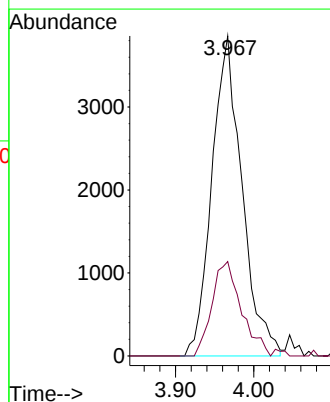
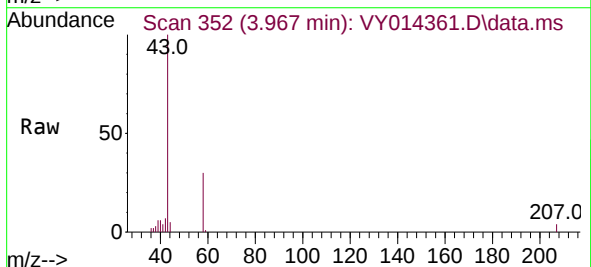
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

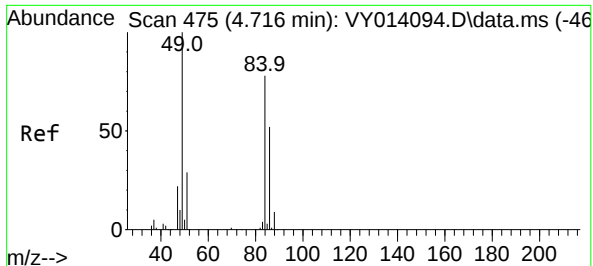
Tgt Ion:168 Resp: 173316
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 14.160 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

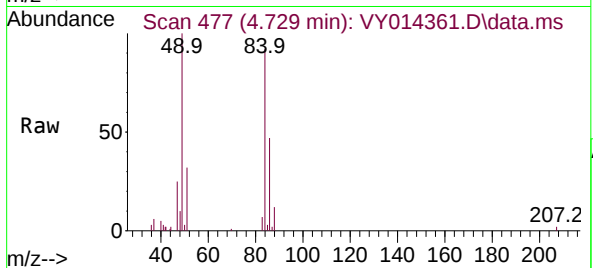
Tgt Ion: 43 Resp: 10301
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1



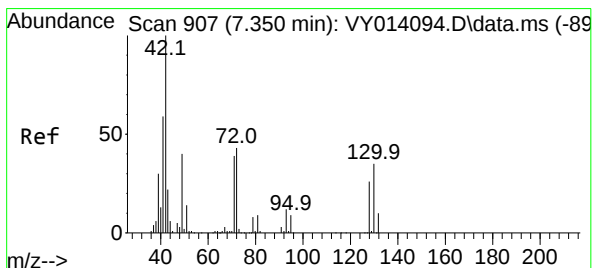
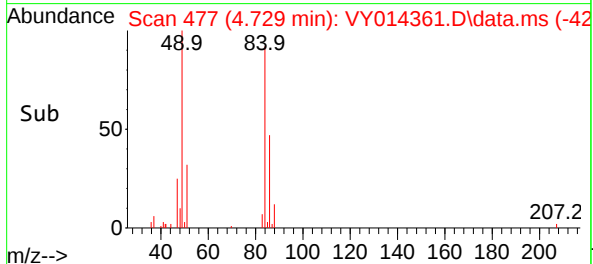
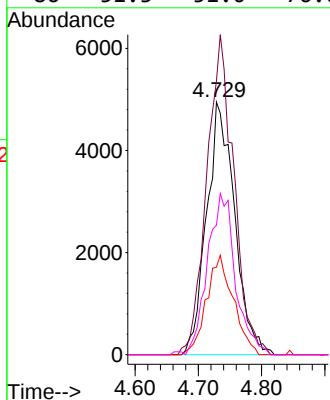


#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

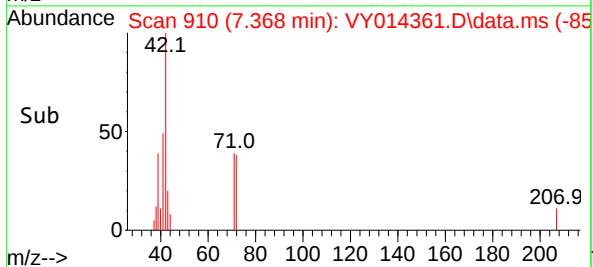
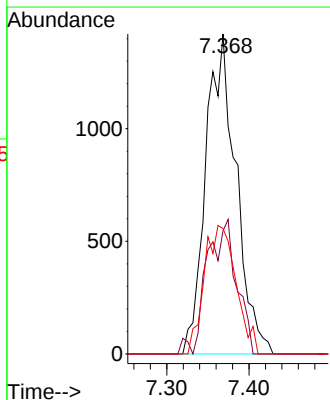
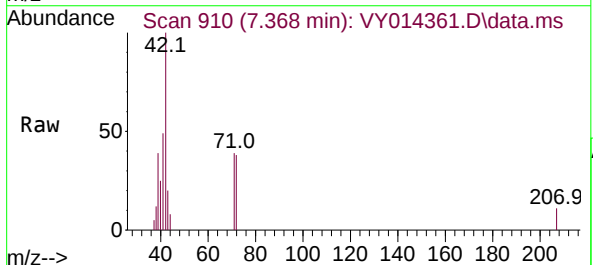


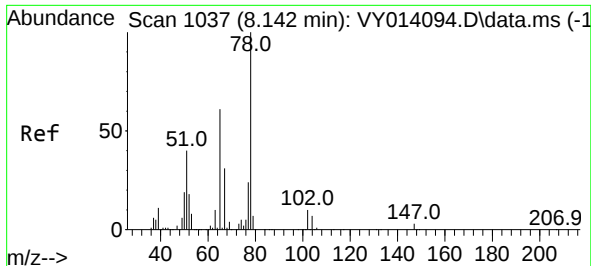
Tgt Ion:	84	Resp:	15227
Ion	Ratio	Lower	Upper
84	100		
49	108.3	106.9	160.3
51	34.7	33.2	49.8
86	51.3	51.0	76.6



#29
Tetrahydrofuran
Concen: 6.389 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion:	42	Resp:	3628
Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.8	49.2
71	42.0	31.0	46.4

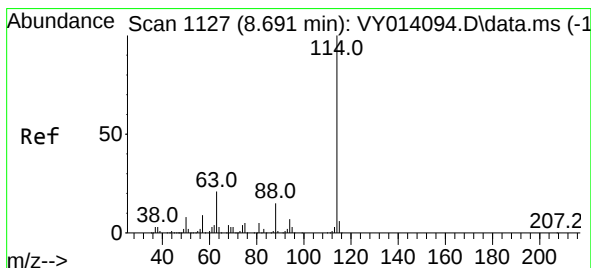
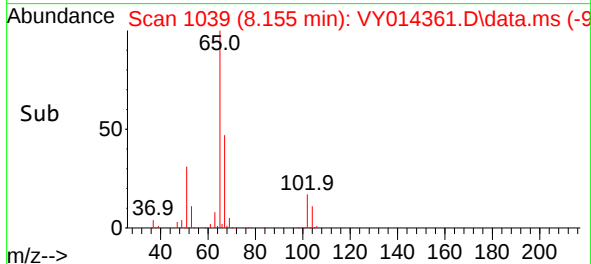
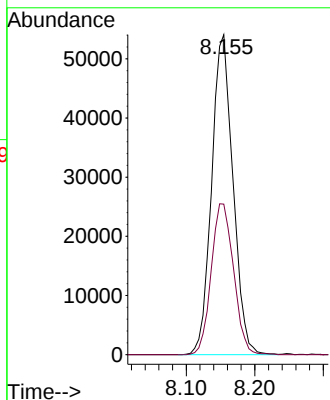
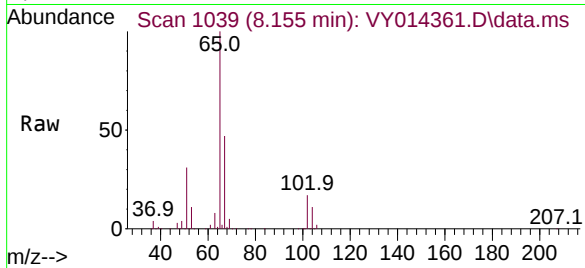




#33
1,2-Dichloroethane-d4
Concen: 48.422 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

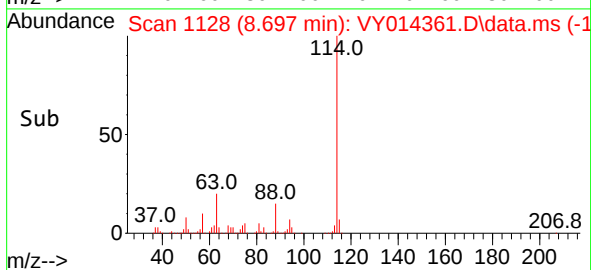
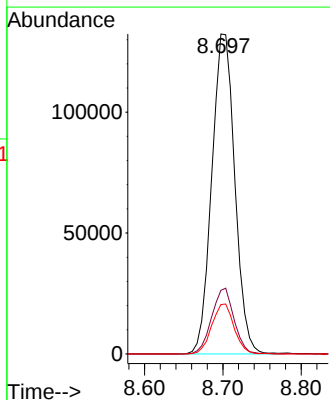
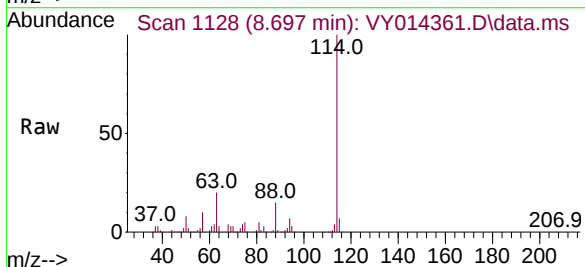
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

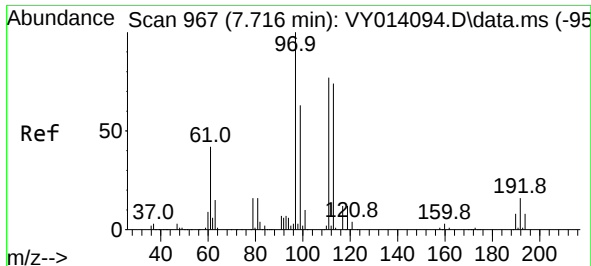
Tgt Ion: 65 Resp: 116864
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 114 Resp: 270628
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.4 0.0 30.6

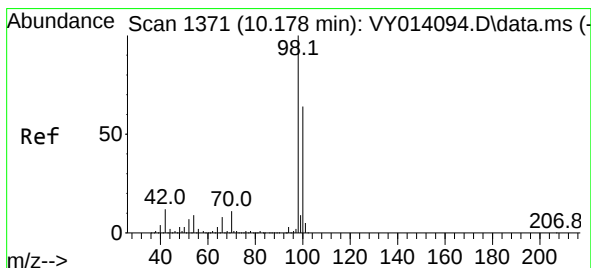
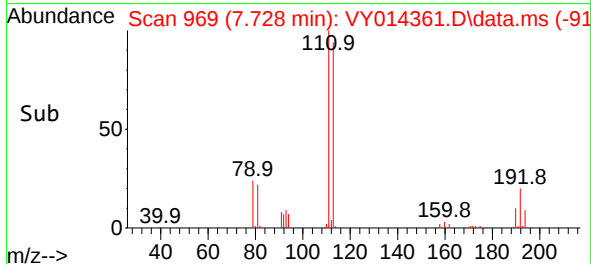
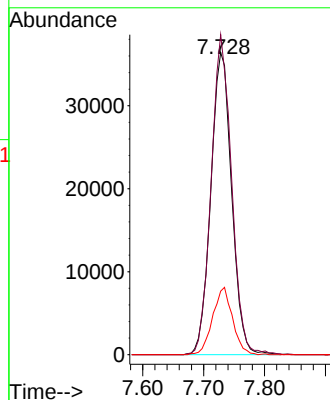
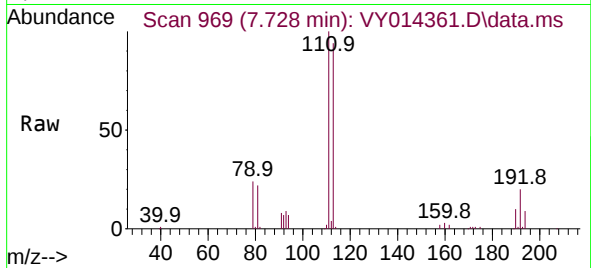




#35
Dibromofluoromethane
Concen: 45.039 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

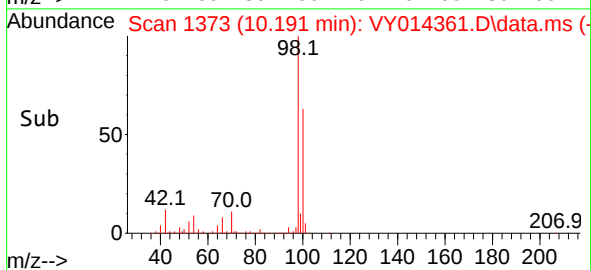
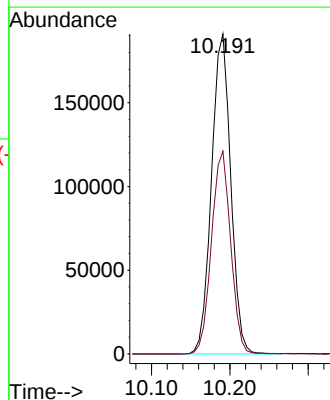
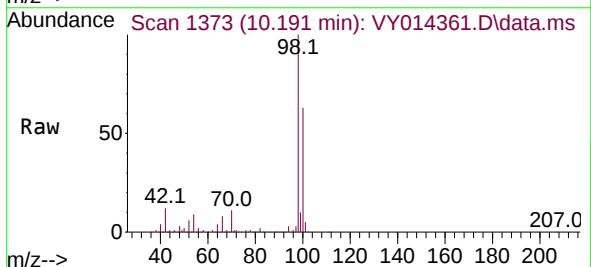
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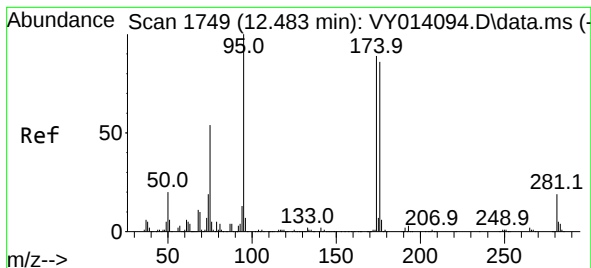
Tgt Ion:113 Resp: 86440
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 45.376 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 98 Resp: 325581
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

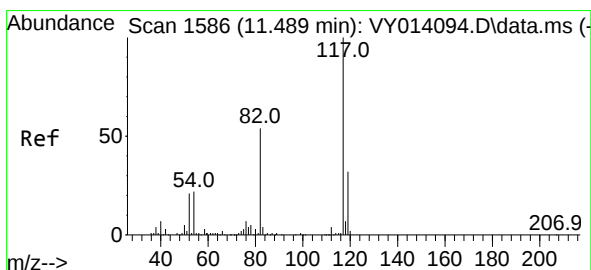
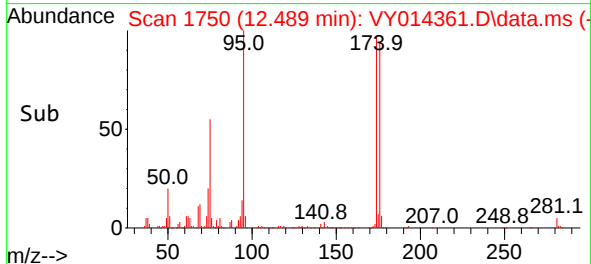
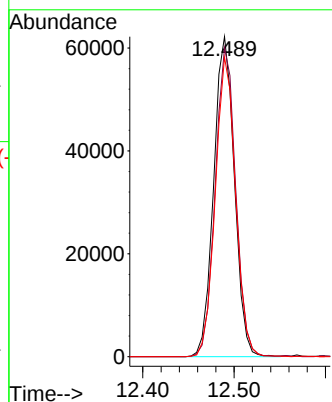
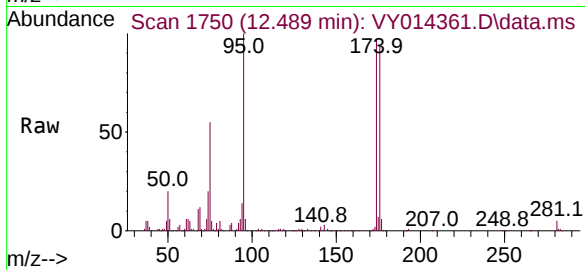




#62
4-Bromofluorobenzene
Concen: 38.377 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

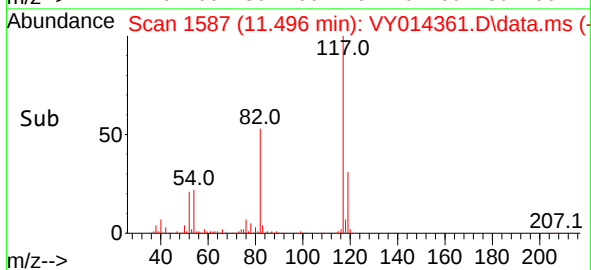
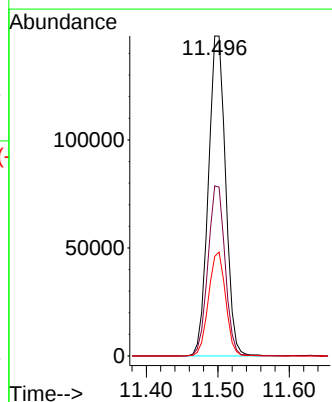
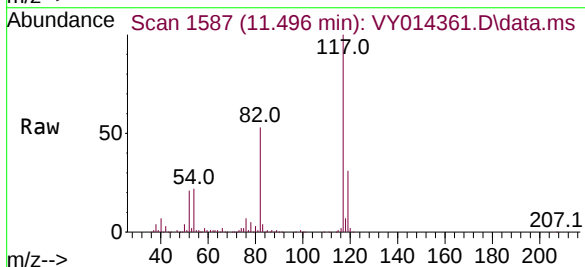
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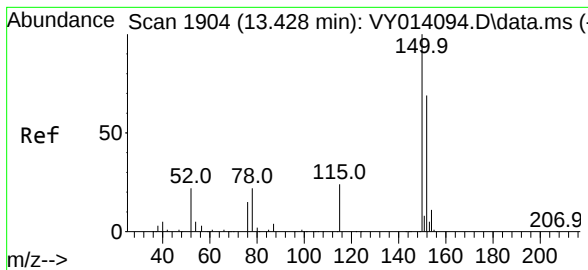
Tgt Ion: 95 Resp: 97818
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.2
176 92.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

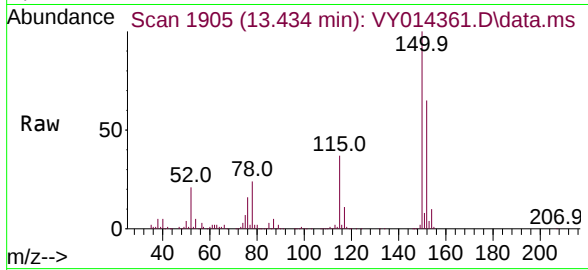
Tgt Ion: 117 Resp: 247631
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014361.D
 Acq: 22 Jun 2023 04:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC03-GRAB-7



Tgt Ion:152 Resp: 105398

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.8	86.5
150	157.0	0.0	348.8

