

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014314.D
 Acq On : 21 Jun 2023 04:23
 Operator : KP/MD
 Sample : 03328-18
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW02-0-8-GRAB-7

Quant Time: Jun 21 05:10:11 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)

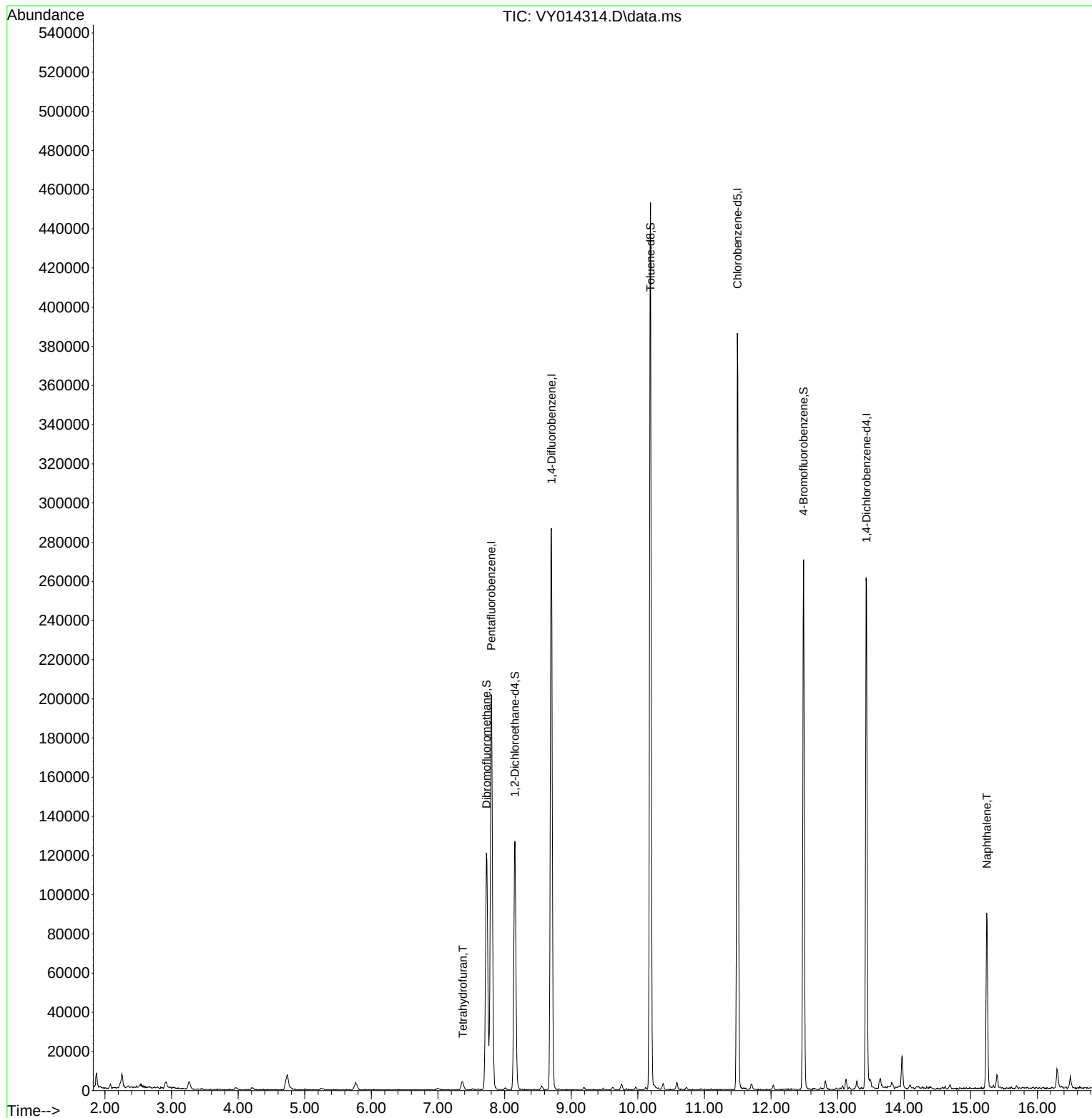
Internal Standards						
1) Pentafluorobenzene	7.801	168	155277	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	244543	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	209134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105789	48.925	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.728	113	81619	47.063	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.120%
50) Toluene-d8	10.191	98	289329	44.625	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.489	95	74405	32.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.620%
Target Compounds						
29) Tetrahydrofuran	7.374	42	3211	6.312	ug/l	97
95) Naphthalene	15.239	128	75461	24.755	ug/l	99

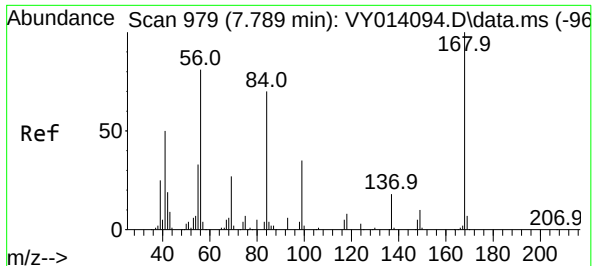
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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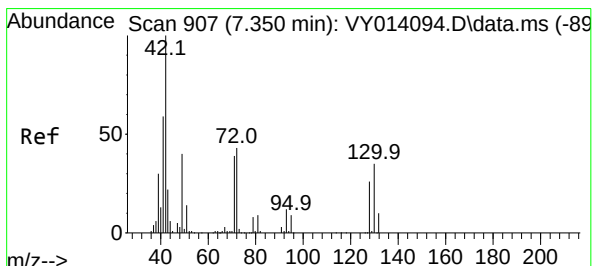
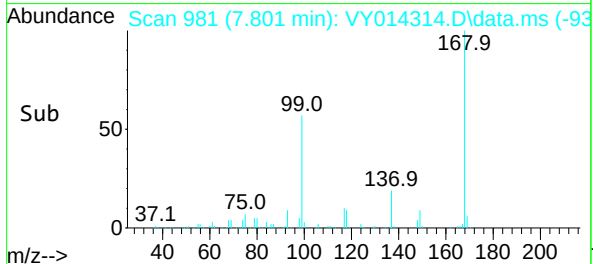
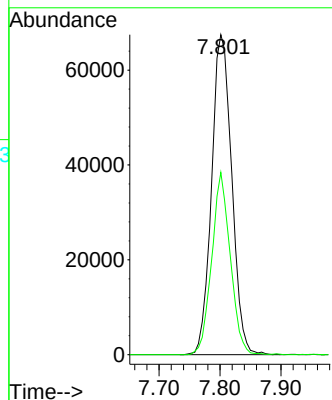
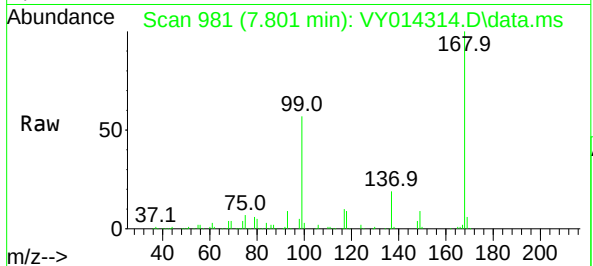




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

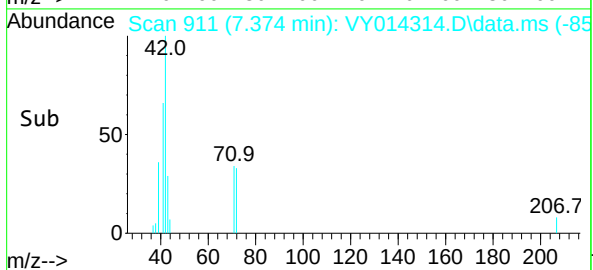
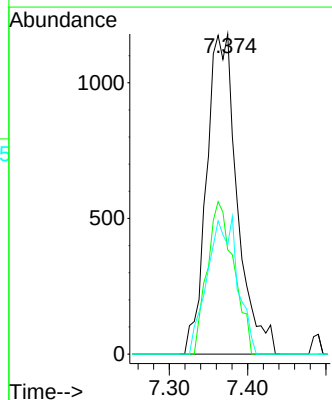
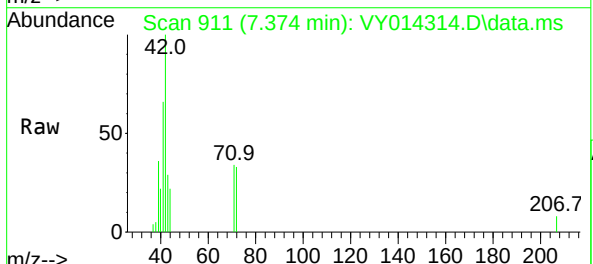
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-0-8-GRAB-7

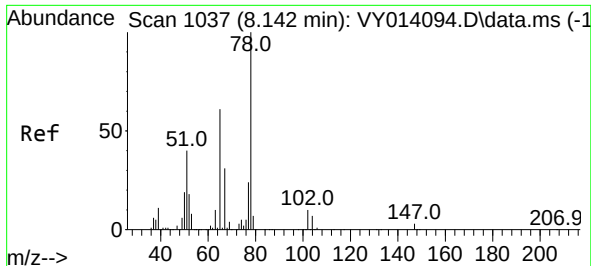
Tgt Ion:168 Resp: 155277
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.312 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

Tgt Ion: 42 Resp: 3211
Ion Ratio Lower Upper
42 100
72 41.1 32.8 49.2
71 42.0 31.0 46.4

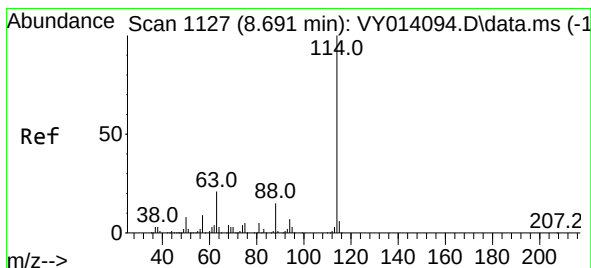
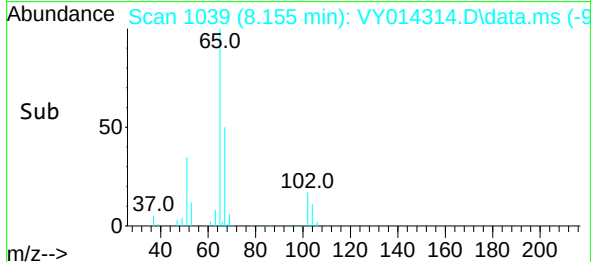
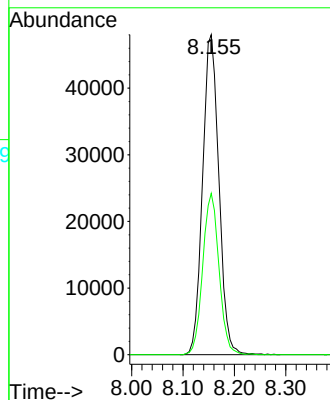
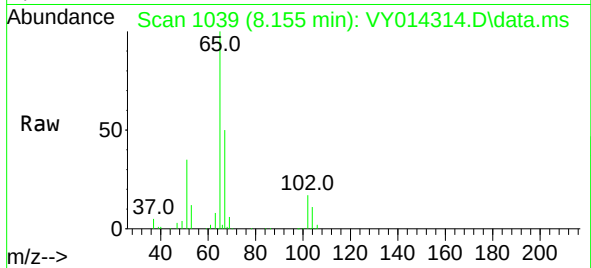




#33
1,2-Dichloroethane-d4
Concen: 48.925 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

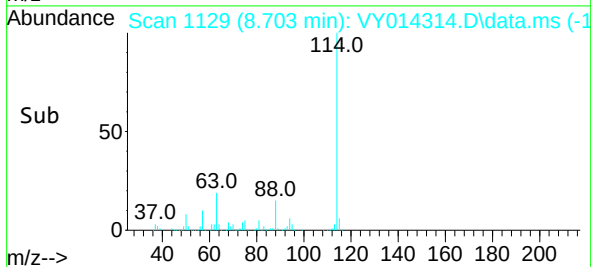
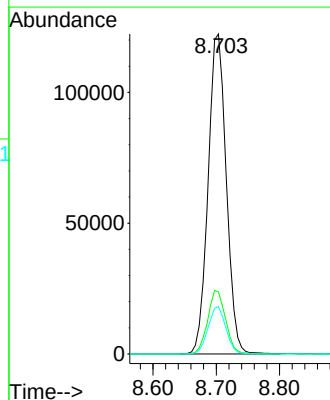
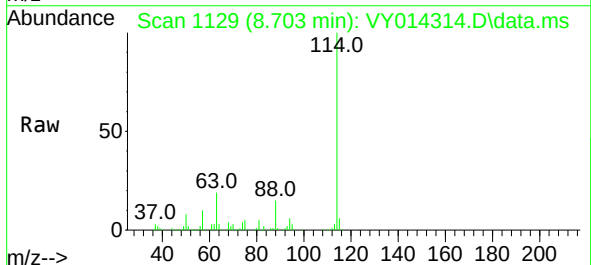
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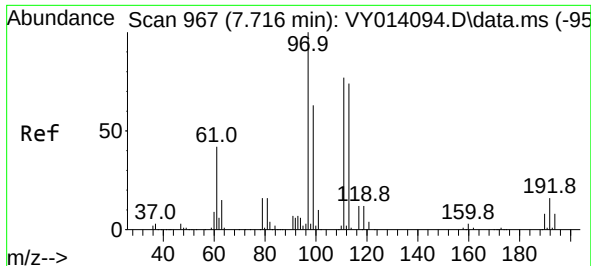
Tgt Ion: 65 Resp: 105789
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

Tgt Ion: 114 Resp: 244543
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.8 0.0 30.6

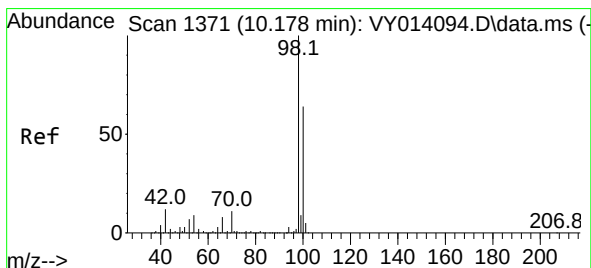
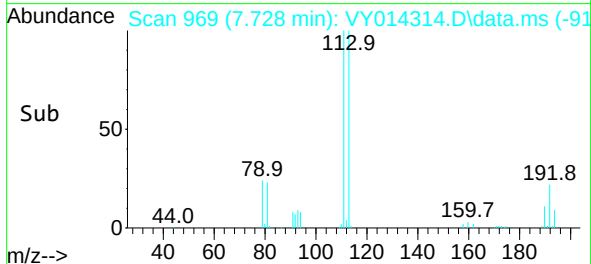
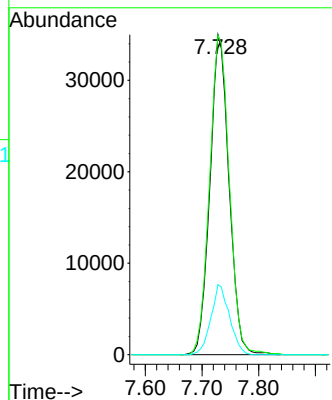
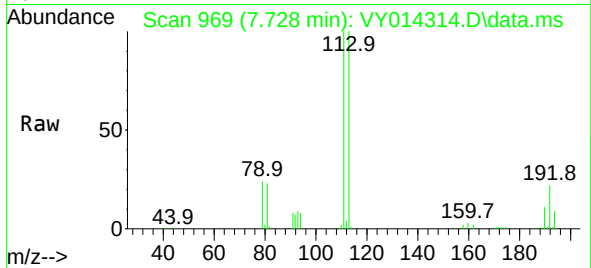




#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

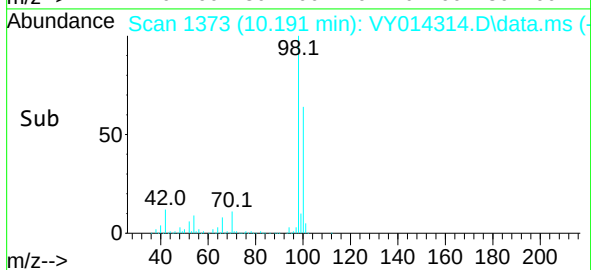
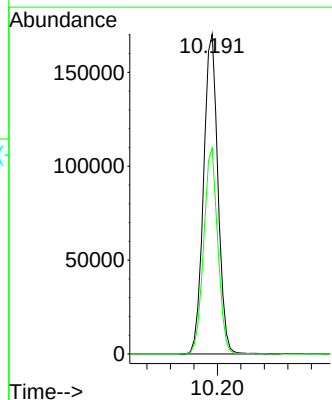
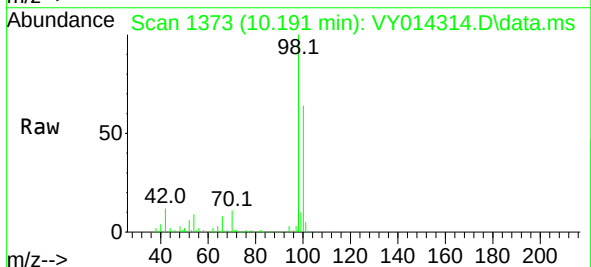
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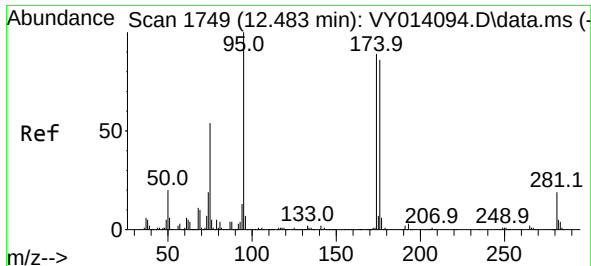
Tgt Ion:113 Resp: 81619
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 44.625 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

Tgt Ion: 98 Resp: 289329
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

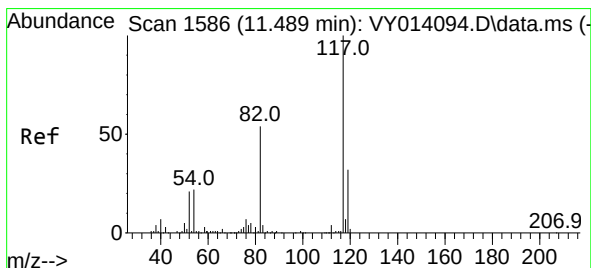
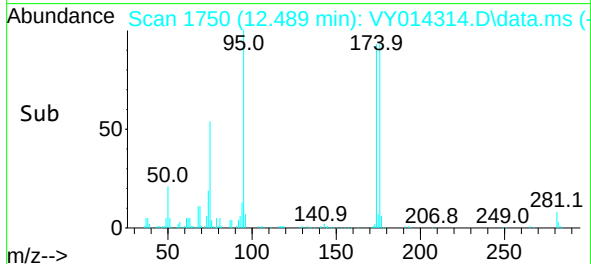
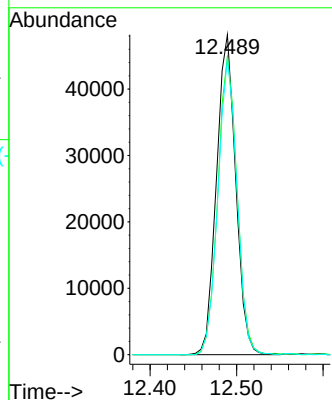
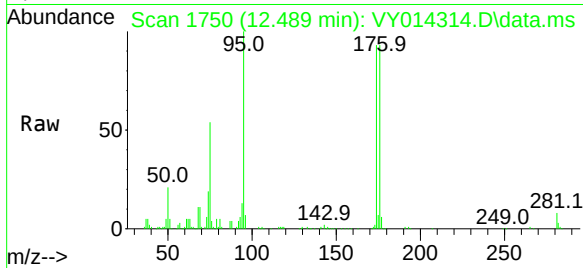




#62
4-Bromofluorobenzene
Concen: 32.305 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

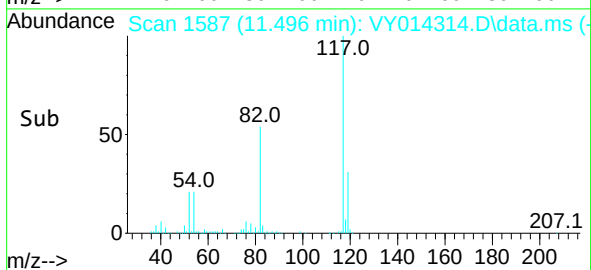
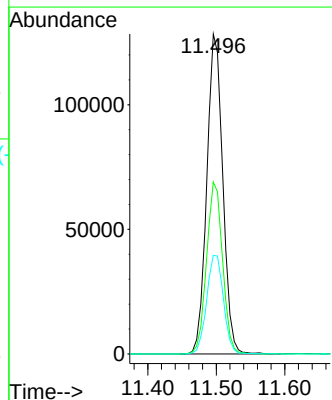
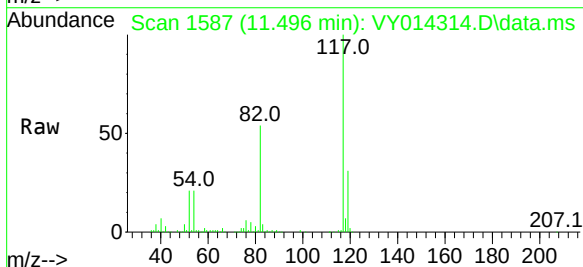
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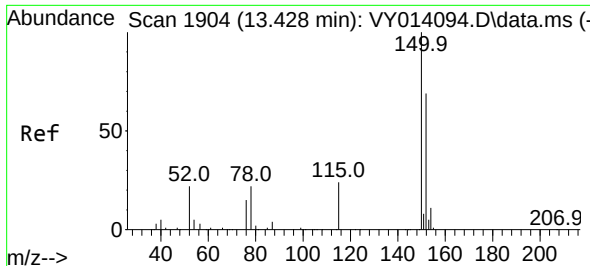
Tgt Ion:	95	Resp:	74405
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	178.2
176	91.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

Tgt Ion:	117	Resp:	209134
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.0
119	30.8	26.3	39.5

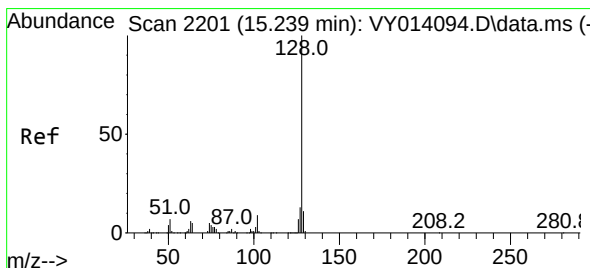
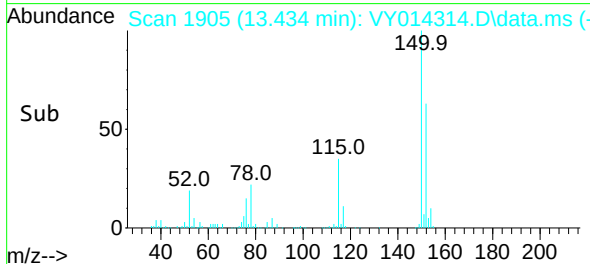
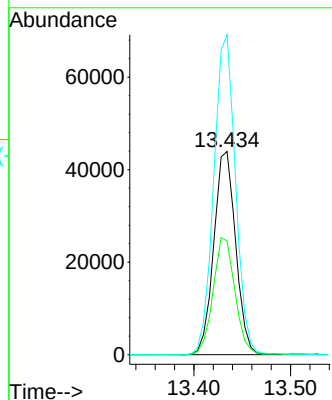
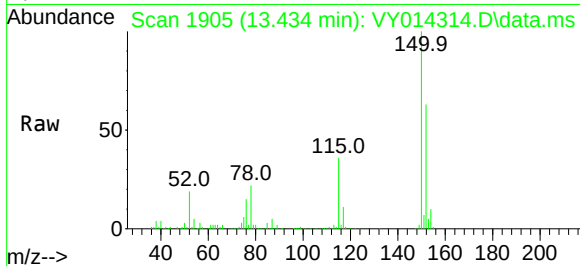




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

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Tgt Ion:152 Resp: 68951
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.7 0.0 348.8



#95
Naphthalene
Concen: 24.755 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014314.D
Acq: 21 Jun 2023 04:23

Tgt Ion:128 Resp: 75461
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 10.9 8.6 13.0

