

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014394.D
 Acq On : 22 Jun 2023 21:06
 Operator : KP/MD
 Sample : 03362-18RE
 Misc : 12.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 23 05:02:09 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)

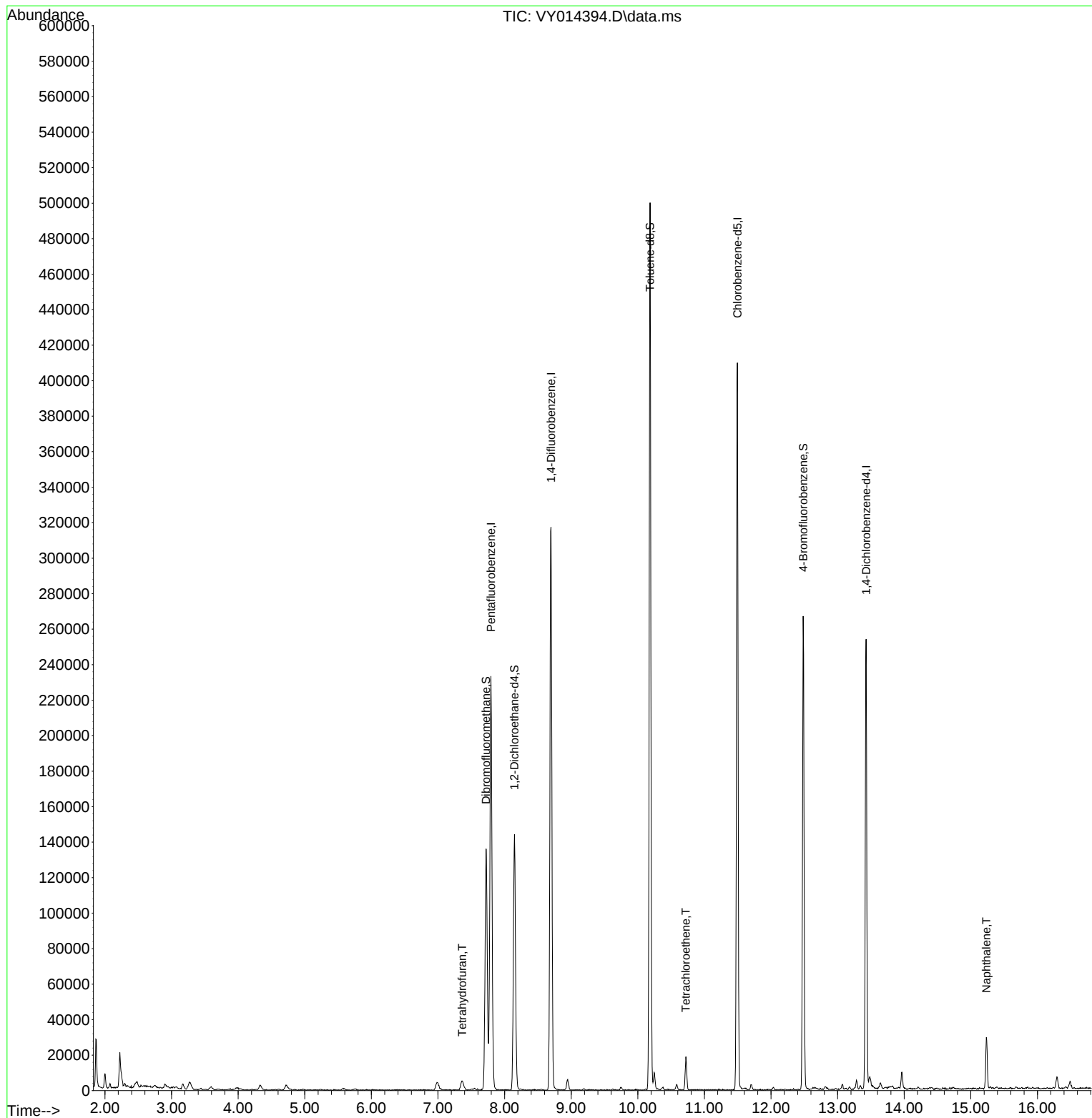
Internal Standards						
1) Pentafluorobenzene	7.795	168	174912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	223408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	122755	50.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.722	113	90303	46.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.760%
50) Toluene-d8	10.185	98	319768	43.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.483	95	73562	28.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.900%
Target Compounds						
29) Tetrahydrofuran	7.362	42	3815	6.657	ug/l #	88
64) Tetrachloroethene	10.721	164	3886	2.041	ug/l	89
95) Naphthalene	15.232	128	24696	8.313	ug/l	100

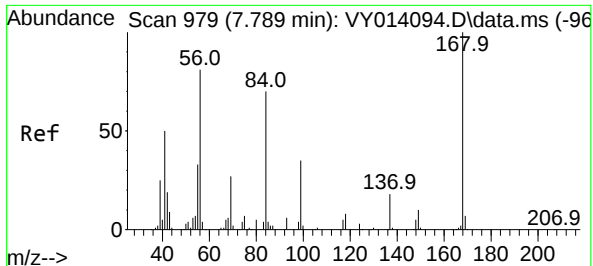
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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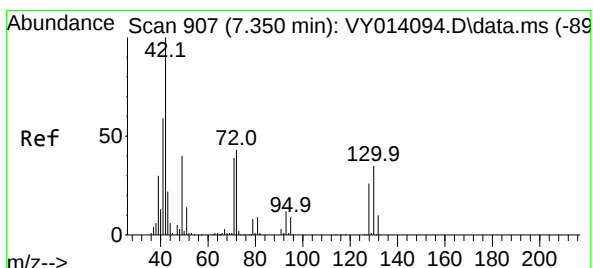
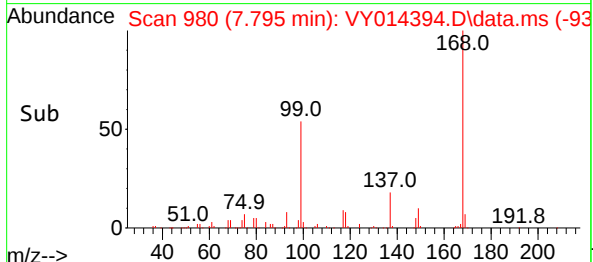
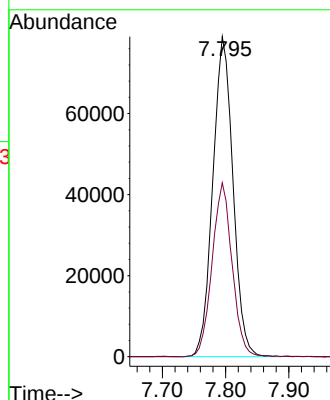
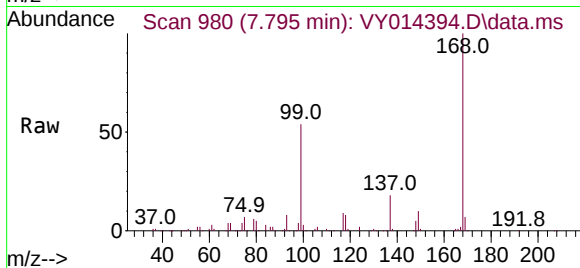




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

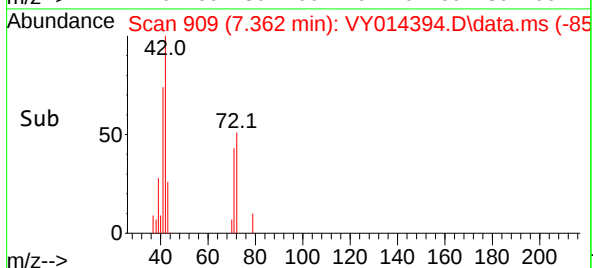
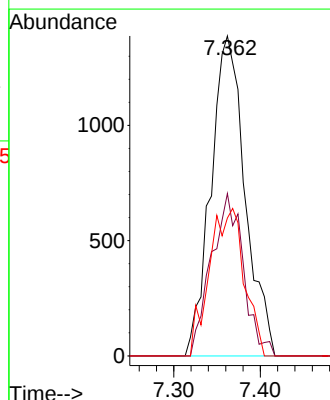
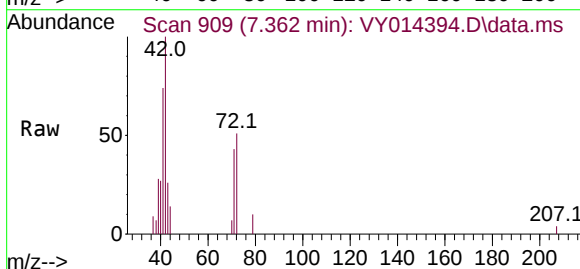
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-19-GRAB-5RE

Tgt Ion:168 Resp: 174912
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.657 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

Tgt Ion: 42 Resp: 3815
Ion Ratio Lower Upper
42 100
72 47.5 32.8 49.2
71 47.1 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 50.399 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014394.D

Acq: 22 Jun 2023 21:06

Instrument :

MSVOA_Y

ClientSampleId :

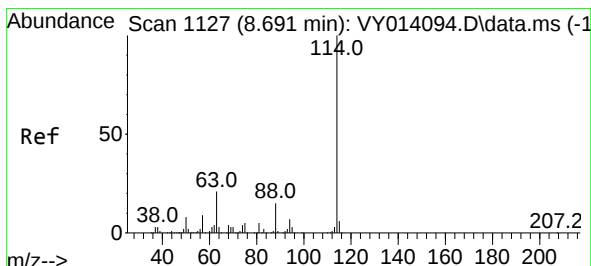
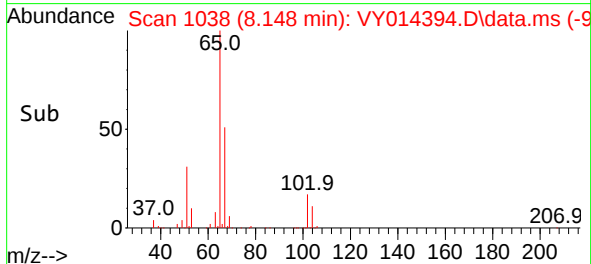
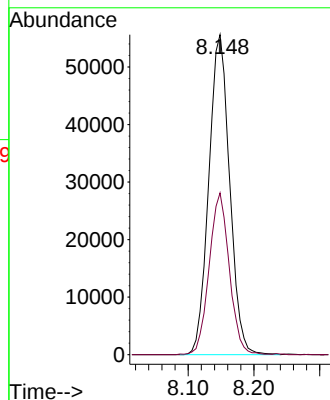
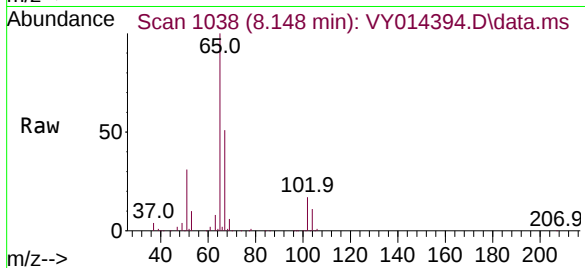
TOTAL-VOC-SB-19-20-SB-19-GRAB-5RE

Tgt Ion: 65 Resp: 122755

Ion Ratio Lower Upper

65 100

67 48.9 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: VY014394.D

Acq: 22 Jun 2023 21:06

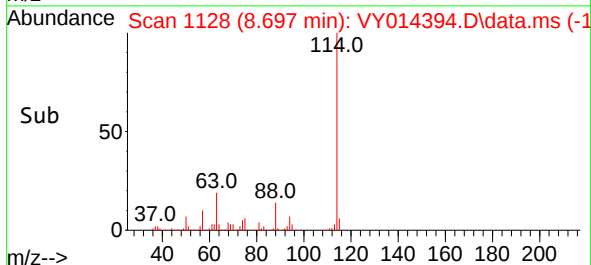
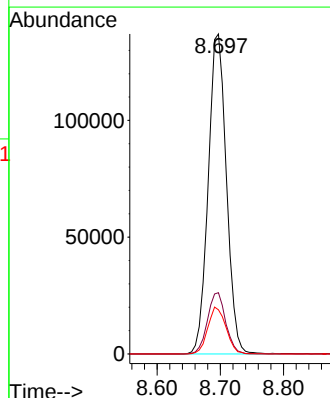
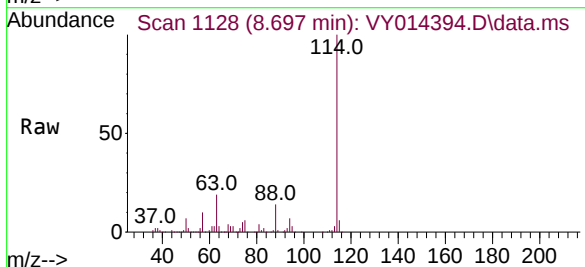
Tgt Ion: 114 Resp: 274552

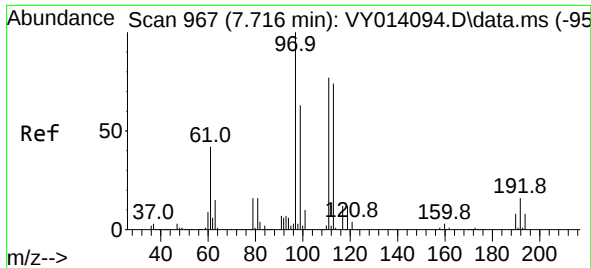
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 13.8 0.0 30.6

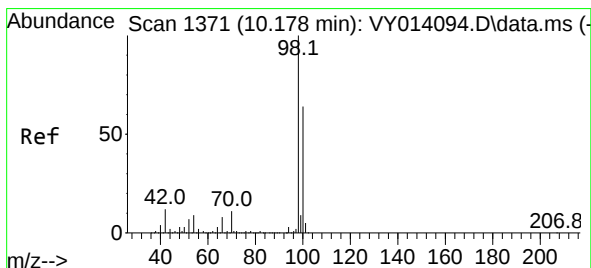
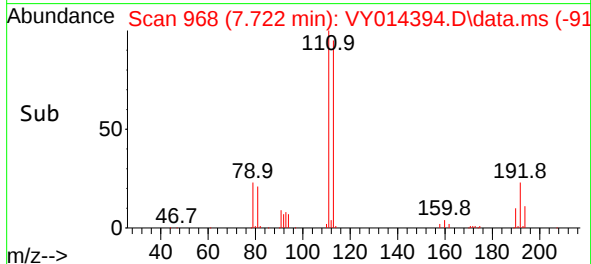
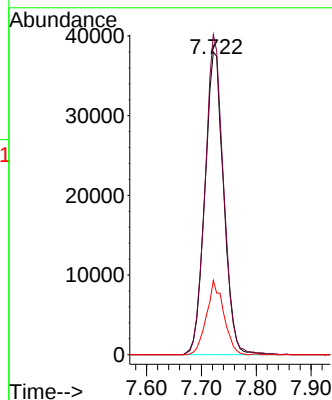
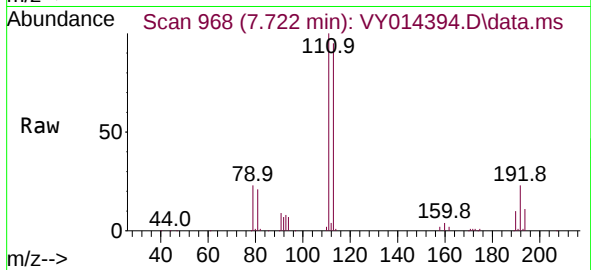




#35
Dibromofluoromethane
Concen: 46.379 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

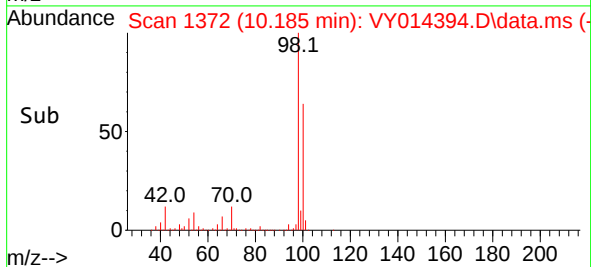
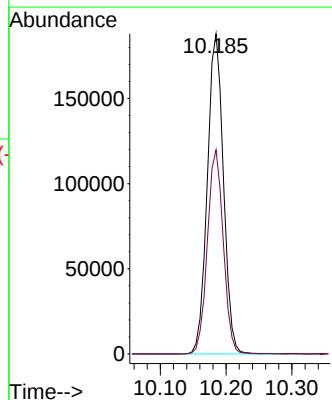
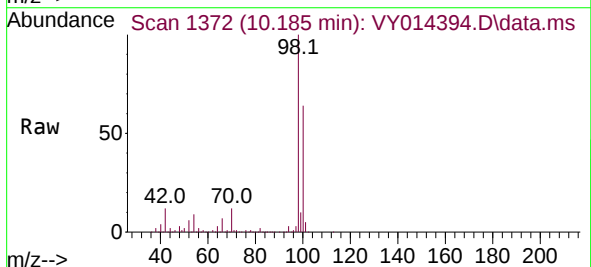
Instrument :
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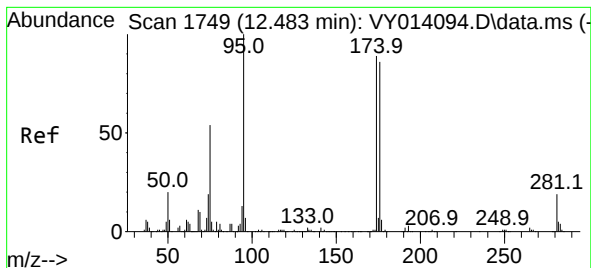
Tgt Ion:113 Resp: 90303
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 22.5 16.9 25.3



#50
Toluene-d8
Concen: 43.929 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

Tgt Ion: 98 Resp: 319768
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

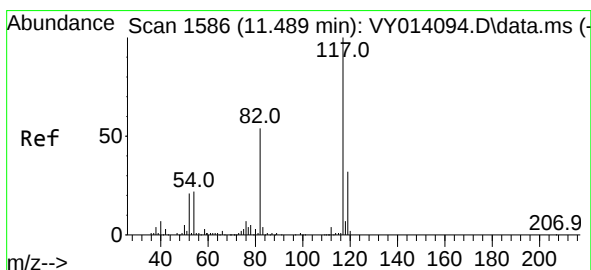
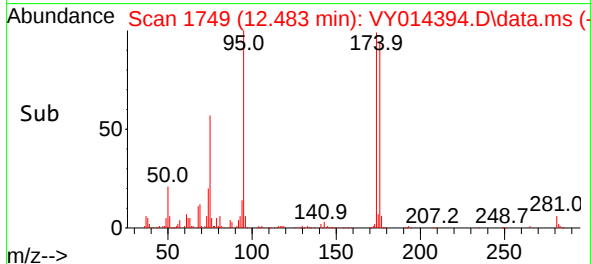
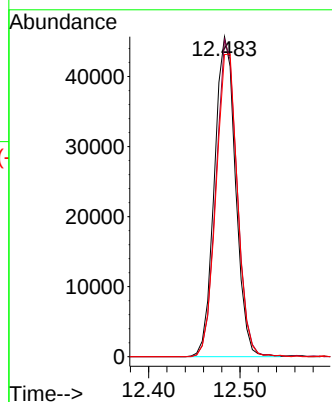
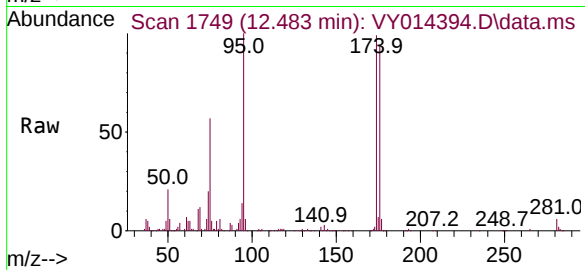




#62
4-Bromofluorobenzene
Concen: 28.448 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

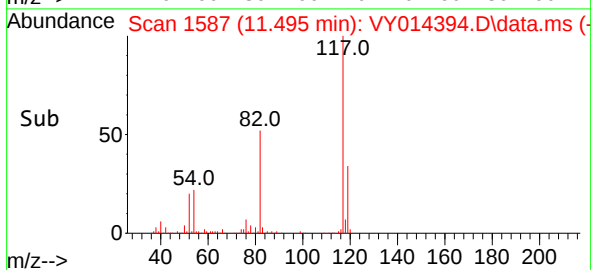
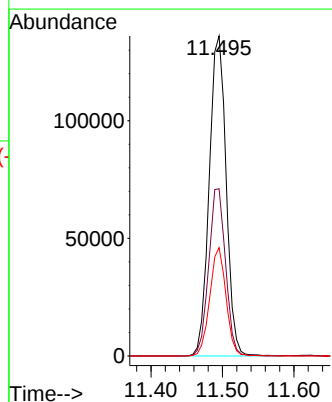
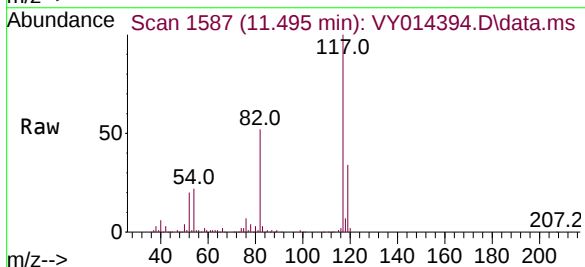
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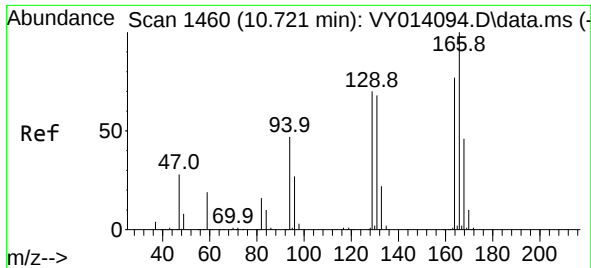
Tgt Ion: 95 Resp: 73562
Ion Ratio Lower Upper
95 100
174 98.0 0.0 178.2
176 95.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

Tgt Ion: 117 Resp: 223408
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 33.8 26.3 39.5

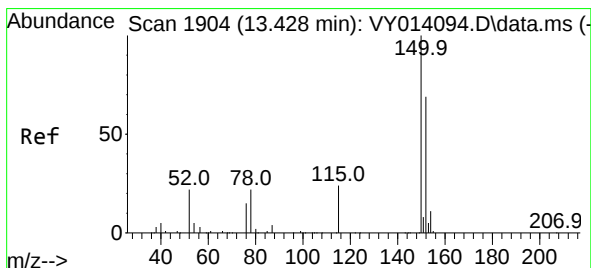
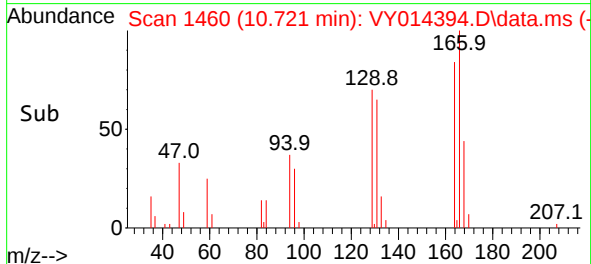
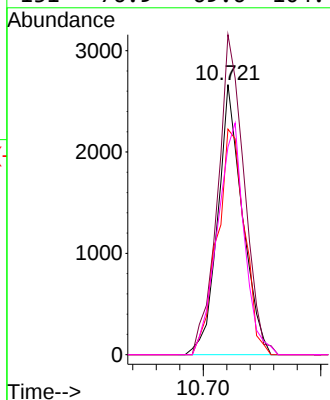
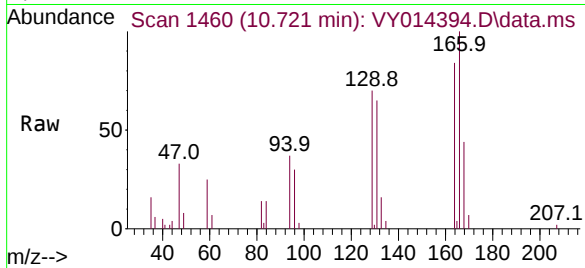




#64
Tetrachloroethene
Concen: 2.041 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

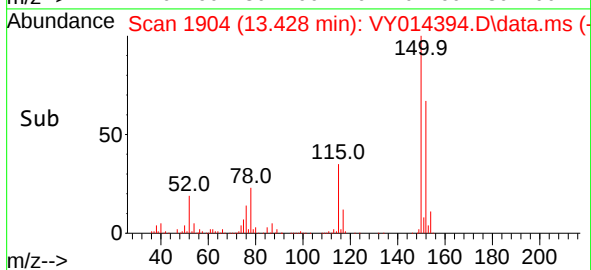
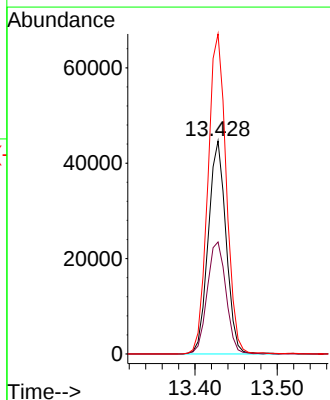
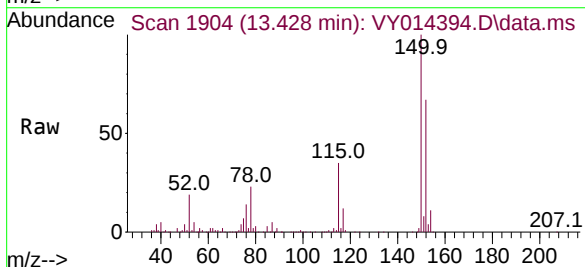
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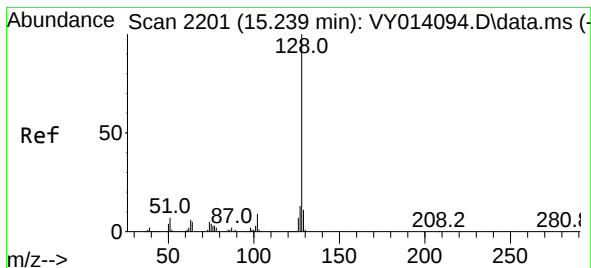
Tgt Ion:164	Resp:	3886
Ion	Ratio	Lower Upper
164	100	
166	118.5	103.0 154.6
129	83.5	77.2 115.8
131	76.9	69.6 104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY014394.D
Acq: 22 Jun 2023 21:06

Tgt Ion:152	Resp:	67196
Ion	Ratio	Lower Upper
152	100	
115	55.6	28.8 86.5
150	155.4	0.0 348.8





#95

Naphthalene

Concen: 8.313 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY014394.D

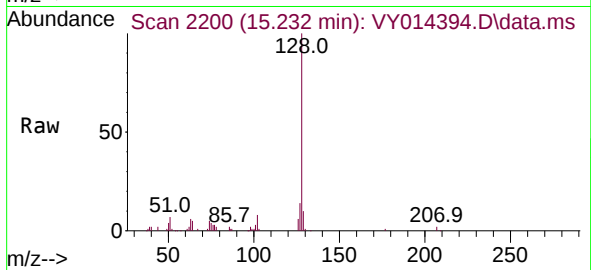
Acq: 22 Jun 2023 21:06

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-19-20-SB-19-GRAB-5RE



Tgt Ion:128 Resp: 24696

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.0 8.6 13.0

