

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014182.D
 Acq On : 15 Jun 2023 12:22
 Operator : KP/MD
 Sample : 03222-18
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-06-GRAB-7

Quant Time: Jun 16 02:06:35 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)

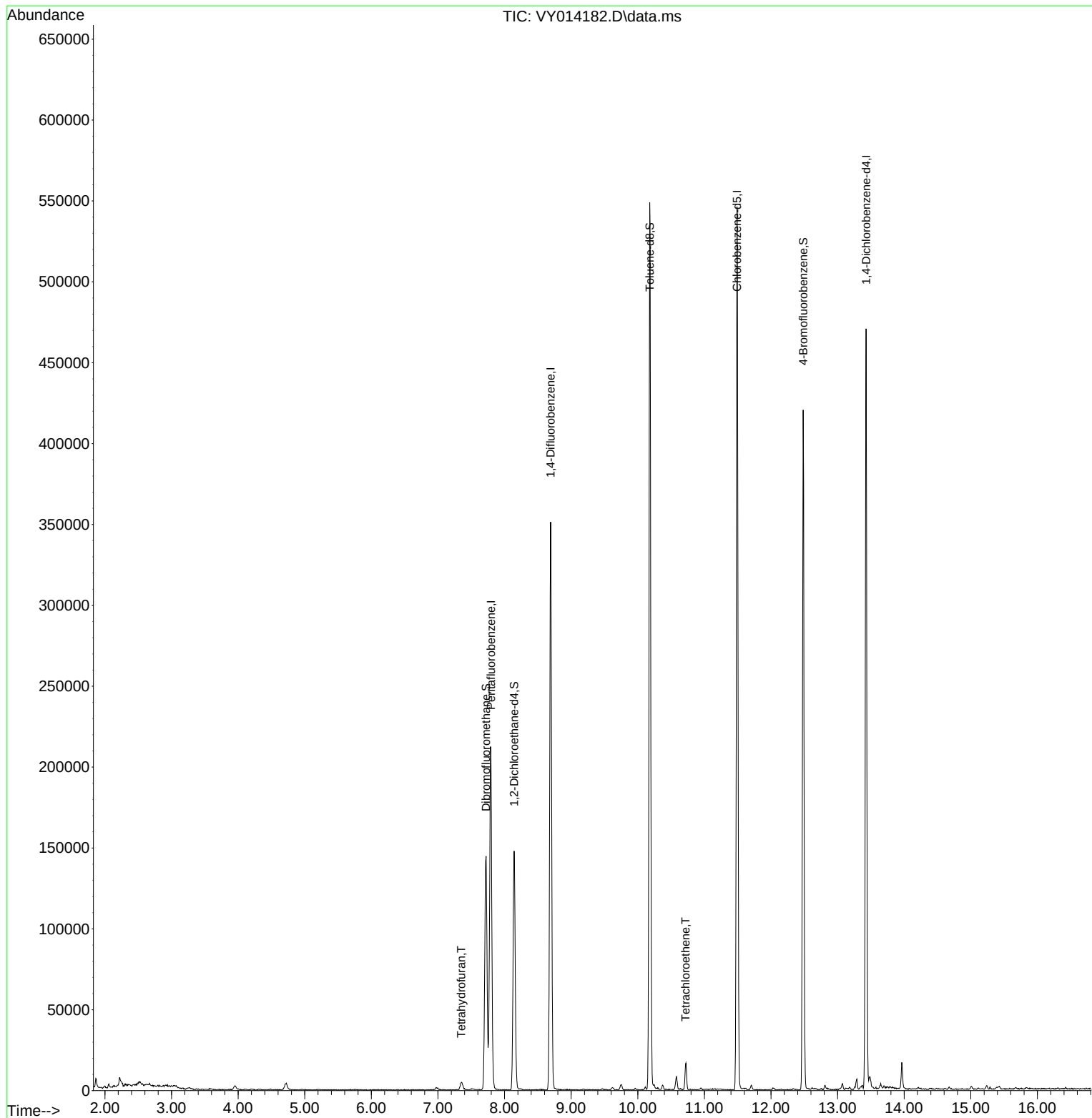
Internal Standards						
1) Pentafluorobenzene	7.795	168	164365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124117	54.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.460%
35) Dibromofluoromethane	7.722	113	100041	49.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.179	98	356853	46.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.483	95	113581	41.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.900%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.350	42	4011	7.448	ug/l	97
64) Tetrachloroethene	10.715	164	3537	1.437	ug/l #	78

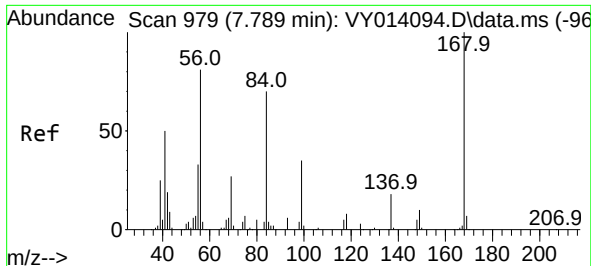
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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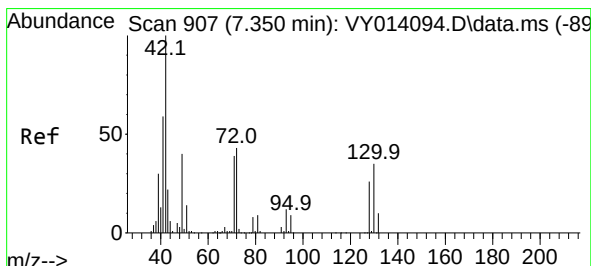
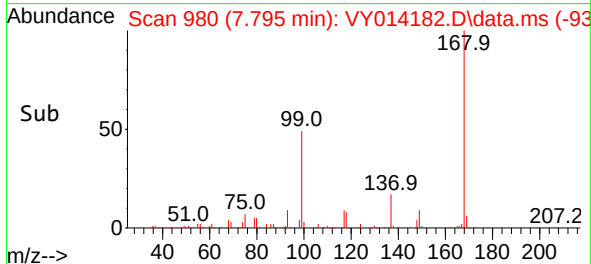
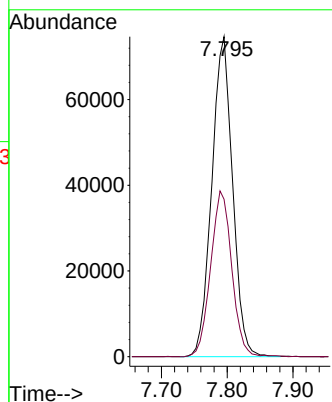
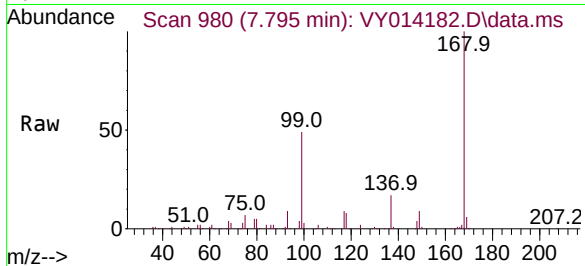




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

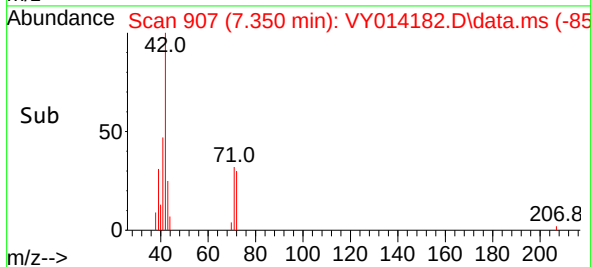
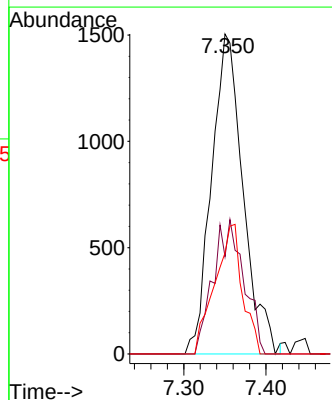
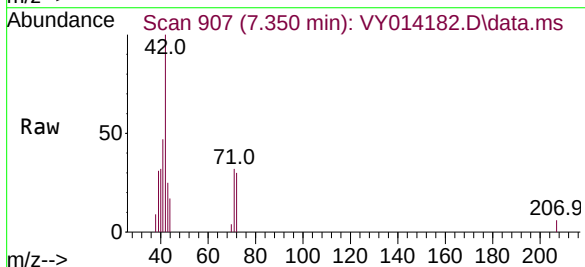
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-06-GRAB-7

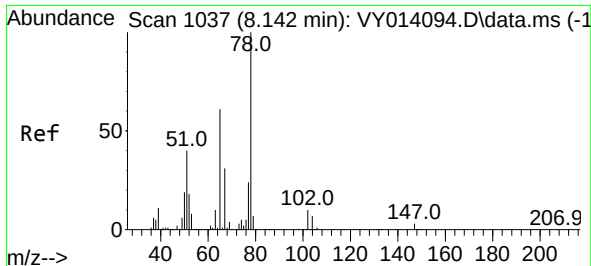
Tgt Ion:168 Resp: 164365
Ion Ratio Lower Upper
168 100
99 49.2 43.4 65.0



#29
Tetrahydrofuran
Concen: 7.448 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

Tgt Ion: 42 Resp: 4011
Ion Ratio Lower Upper
42 100
72 40.8 32.8 49.2
71 35.3 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 54.228 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014182.D

Acq: 15 Jun 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

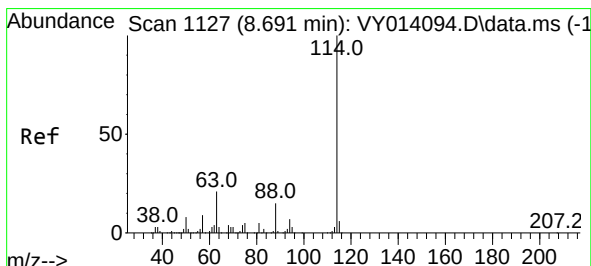
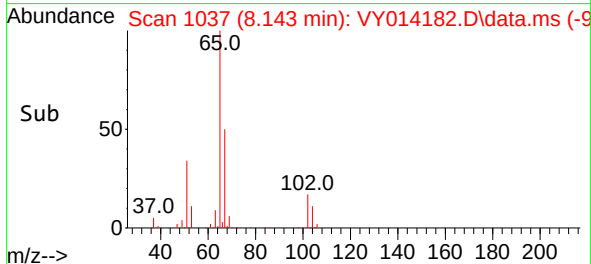
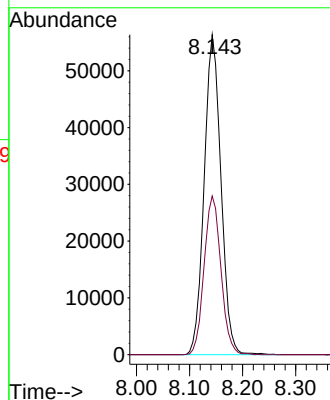
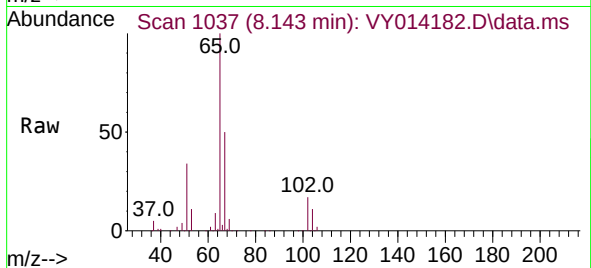
TOTAL-VOC-SB-06-GRAB-7

Tgt Ion: 65 Resp: 124117

Ion Ratio Lower Upper

65 100

67 49.7 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: VY014182.D

Acq: 15 Jun 2023 12:22

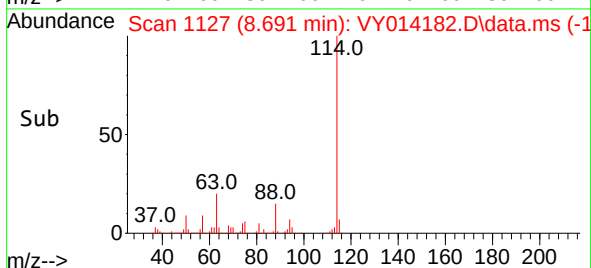
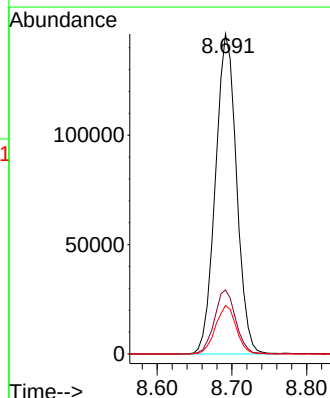
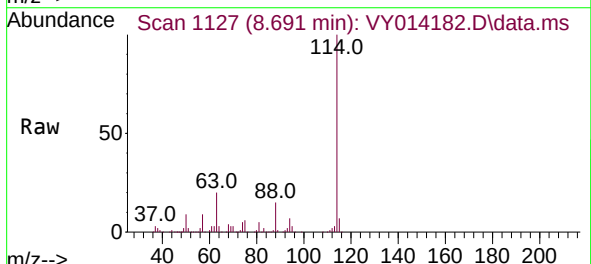
Tgt Ion: 114 Resp: 287501

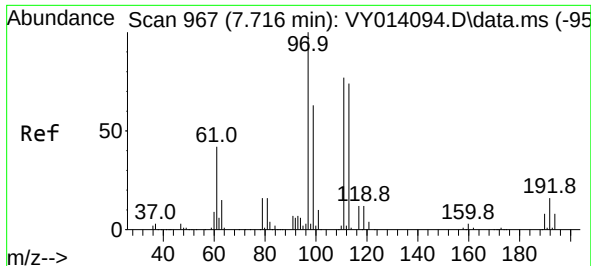
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.2 0.0 30.6

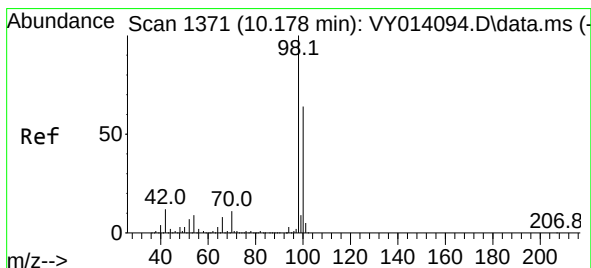
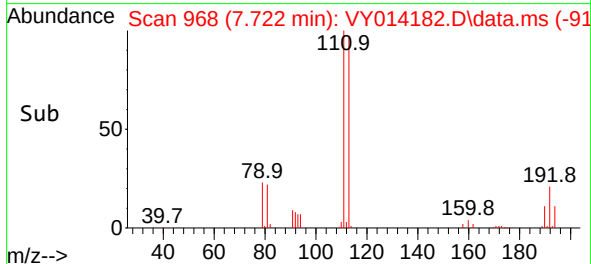
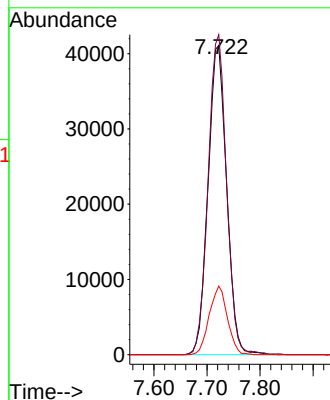
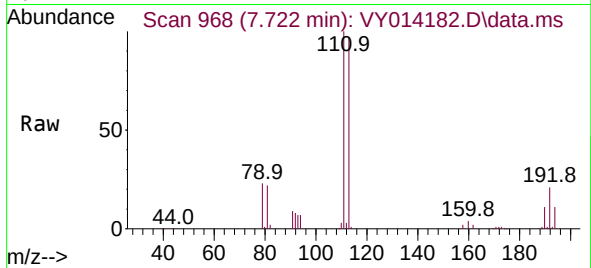




#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

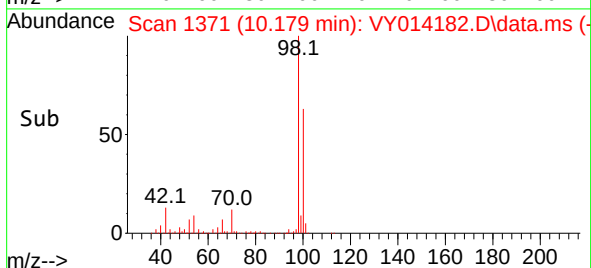
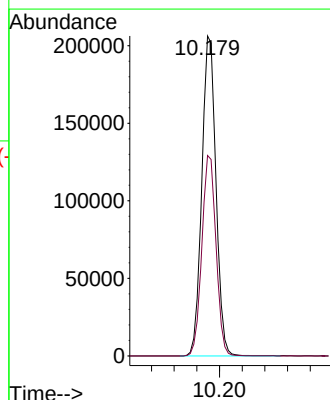
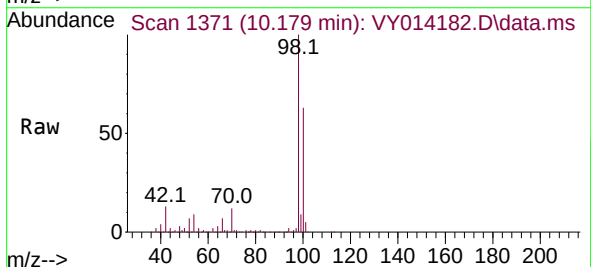
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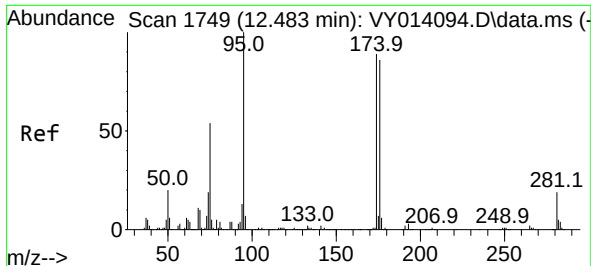
Tgt Ion:113 Resp: 100041
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.6 16.9 25.3



#50
Toluene-d8
Concen: 46.815 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

Tgt Ion: 98 Resp: 356853
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

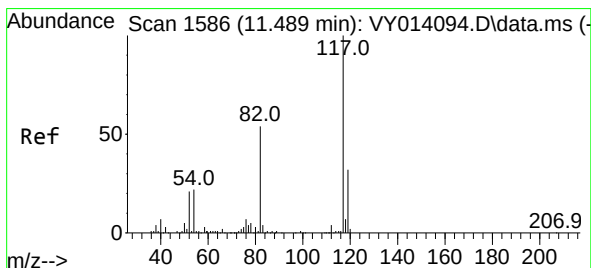
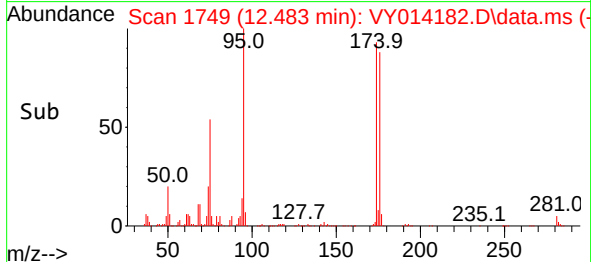
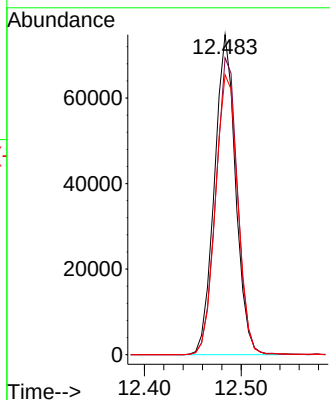
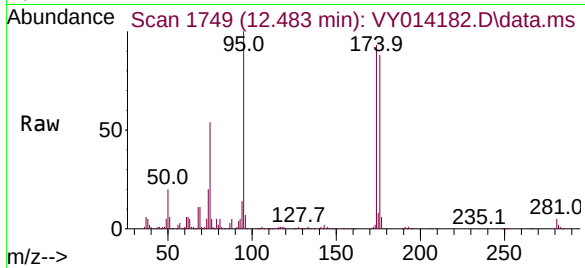




#62
4-Bromofluorobenzene
Concen: 41.946 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

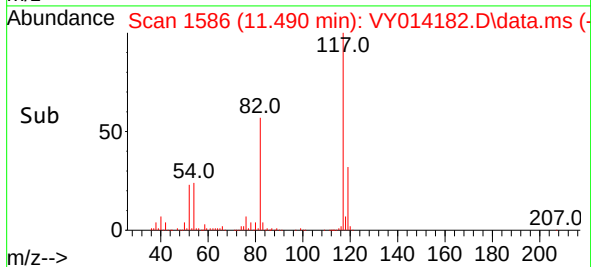
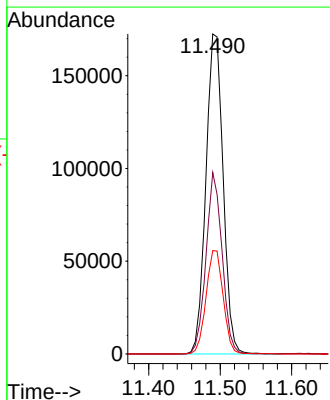
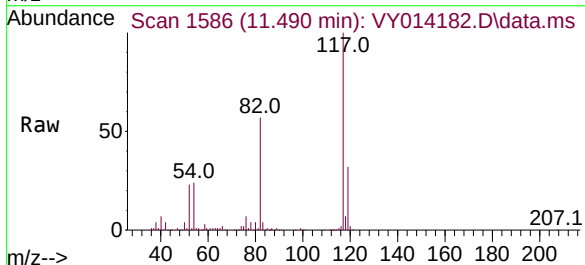
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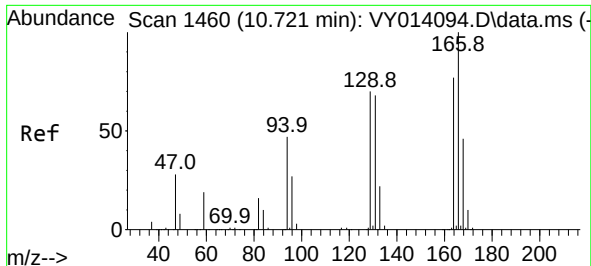
Tgt Ion: 95 Resp: 113581
Ion Ratio Lower Upper
95 100
174 95.4 0.0 178.2
176 92.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

Tgt Ion: 117 Resp: 288796
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 32.3 26.3 39.5

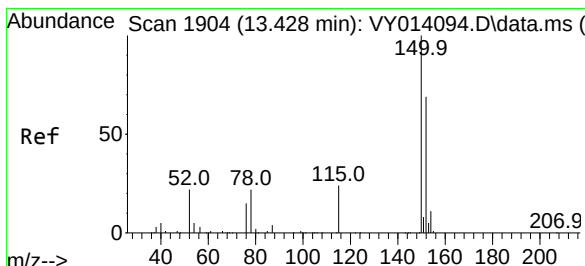
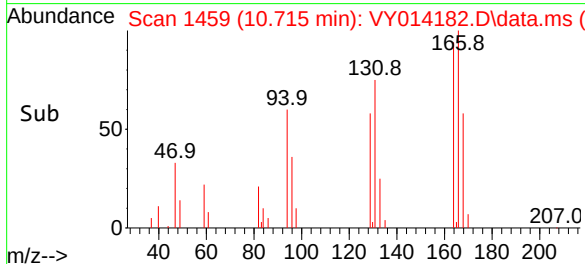
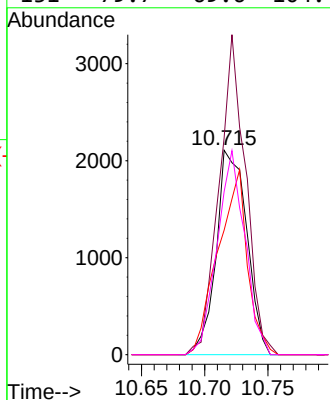
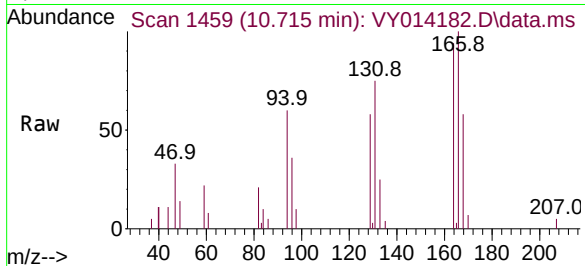




#64
Tetrachloroethene
Concen: 1.437 ug/l
RT: 10.715 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY014182.D
Acq: 15 Jun 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:164 Resp: 3537
Ion Ratio Lower Upper
164 100
166 105.9 103.0 154.6
129 60.9 77.2 115.8#
131 79.7 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: VY014182.D
Acq: 15 Jun 2023 12:22

Tgt Ion:152 Resp: 119041
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 156.6 0.0 348.8

