

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014319.D
 Acq On : 21 Jun 2023 06:20
 Operator : KP/MD
 Sample : 03329-11
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-6

Quant Time: Jun 21 07:48:11 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)

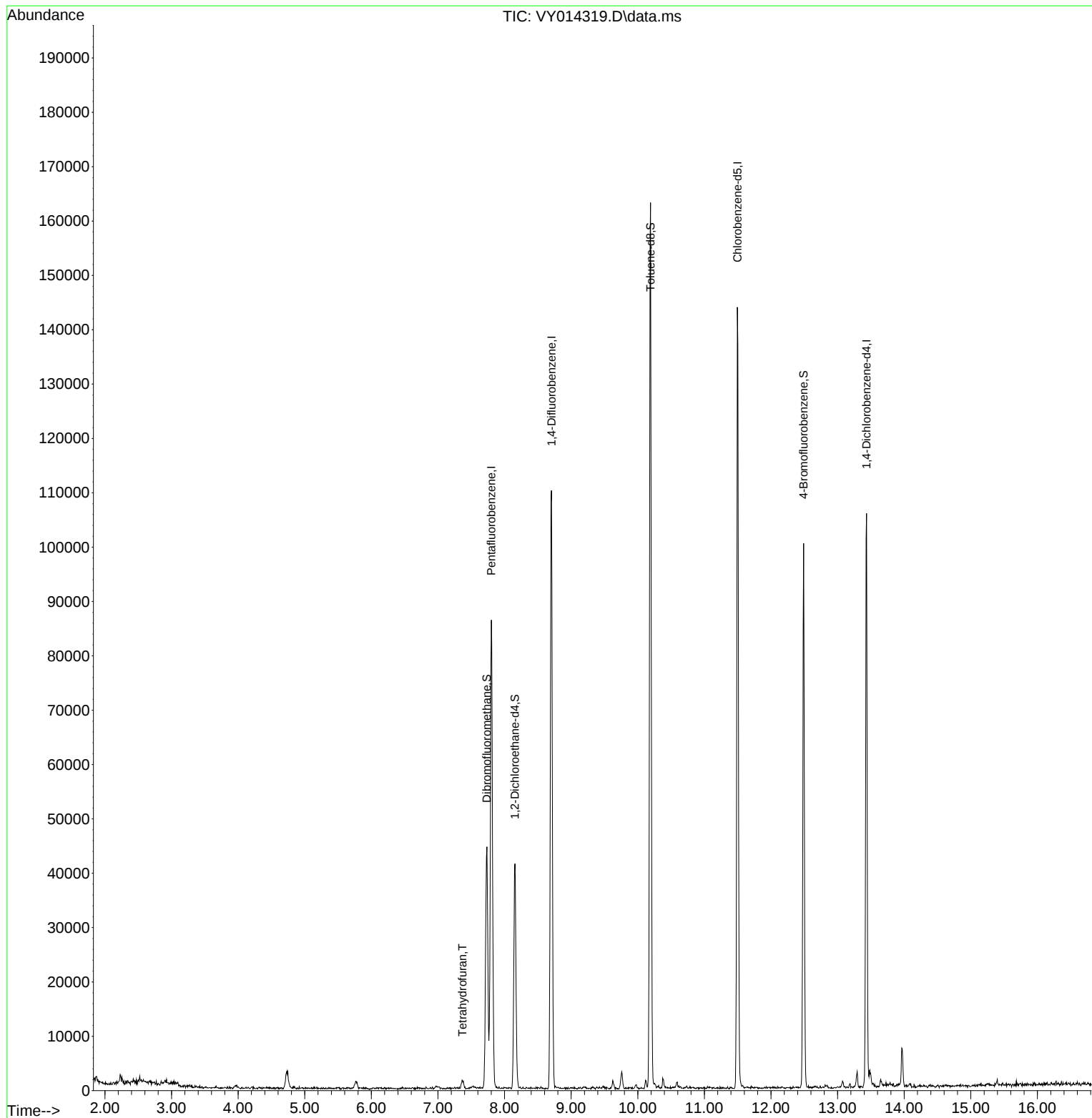
Internal Standards						
1) Pentafluorobenzene	7.801	168	65827	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	95837	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	77560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	28471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	35064	38.252	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.500%
35) Dibromofluoromethane	7.734	113	30533	44.924	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.840%
50) Toluene-d8	10.191	98	109917	43.258	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.520%
62) 4-Bromofluorobenzene	12.489	95	27561	30.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.060%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.368	42	1025	4.753	ug/l #	80

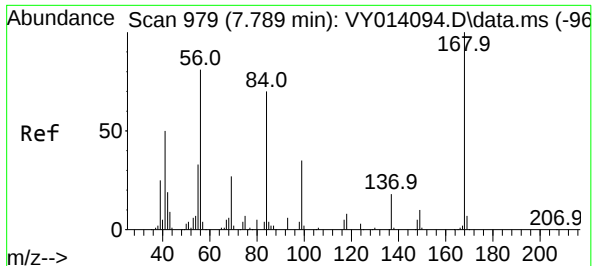
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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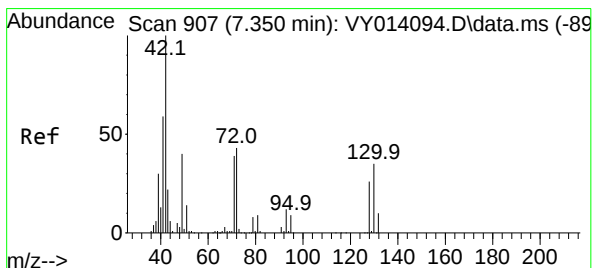
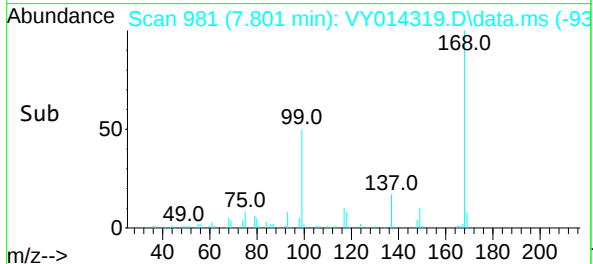
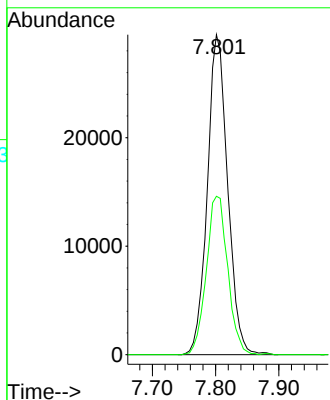
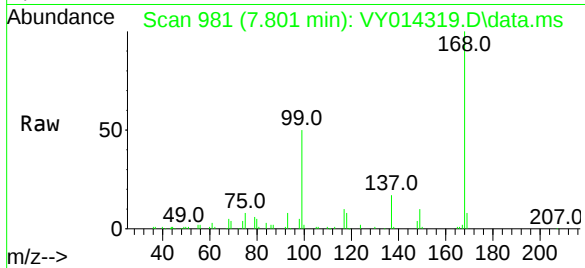




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

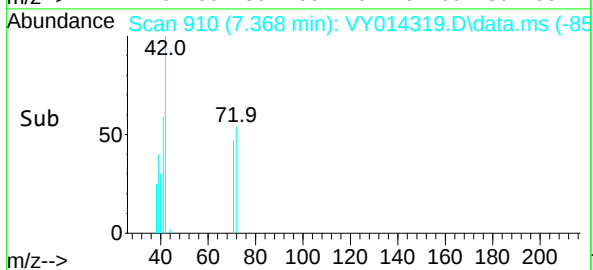
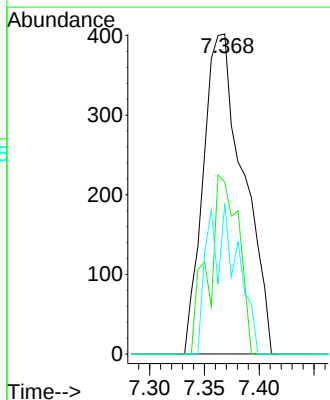
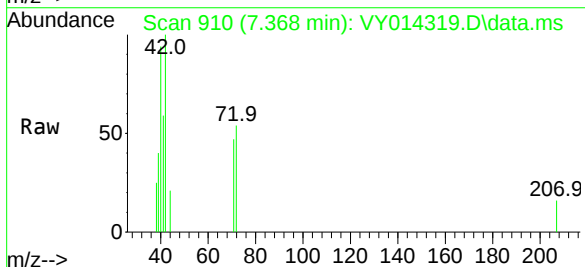
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

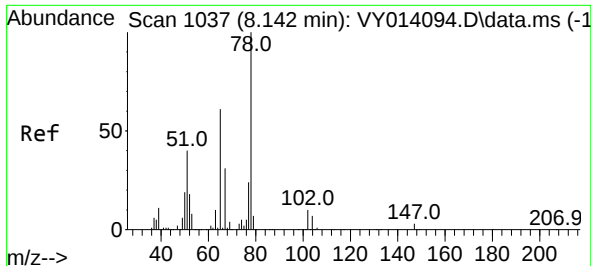
Tgt Ion:168 Resp: 65827
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#29
Tetrahydrofuran
Concen: 4.753 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

Tgt Ion: 42 Resp: 1025
Ion Ratio Lower Upper
42 100
72 41.6 32.8 49.2
71 14.1 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 38.252 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.013 min

Lab File: VY014319.D

Acq: 21 Jun 2023 06:20

Instrument :

MSVOA_Y

ClientSampleId :

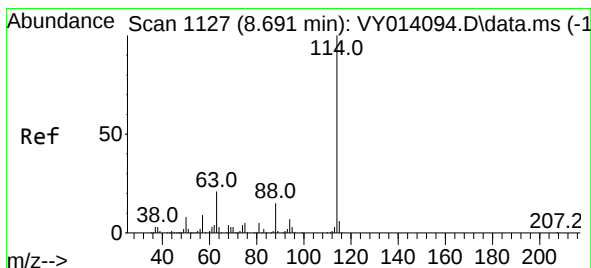
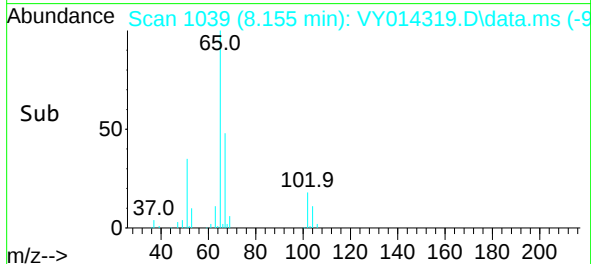
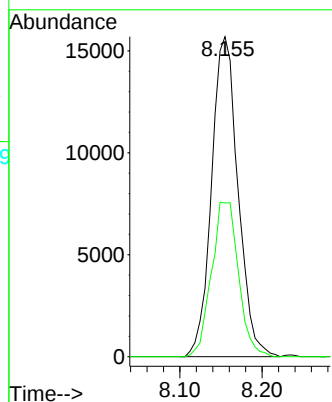
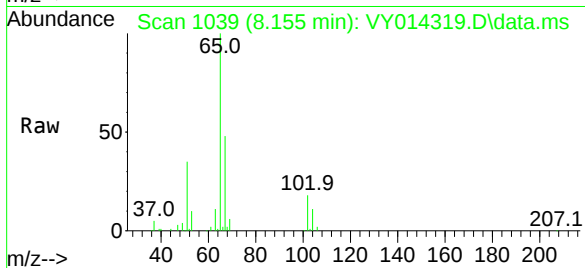
TOTAL-VOC-SW03-8-15-GRAB-6

Tgt Ion: 65 Resp: 35064

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY014319.D

Acq: 21 Jun 2023 06:20

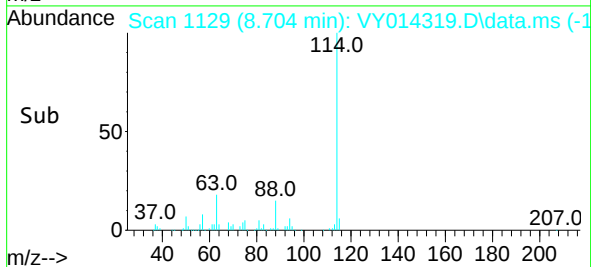
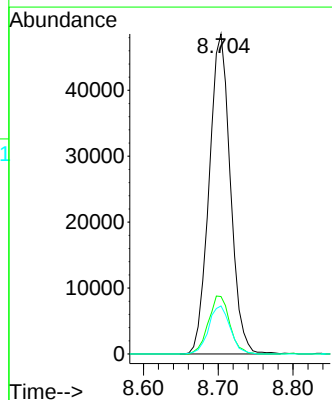
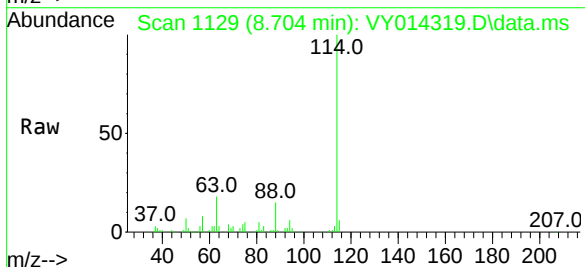
Tgt Ion: 114 Resp: 95837

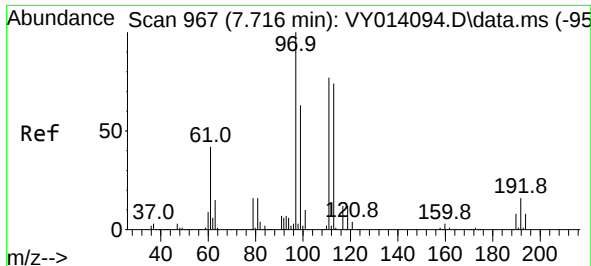
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.0 0.0 30.6

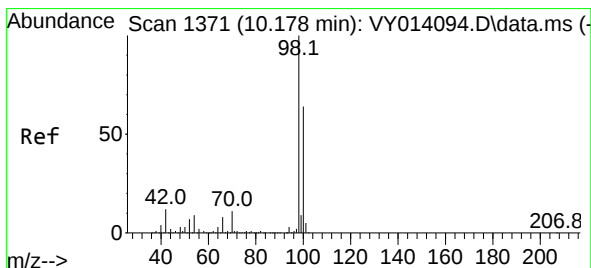
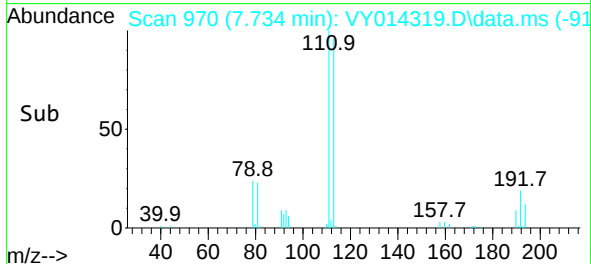
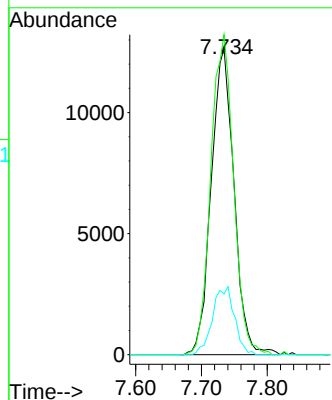
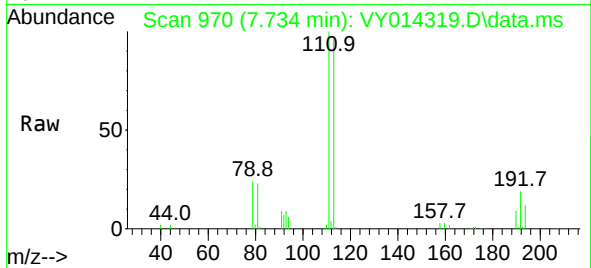




#35
Dibromofluoromethane
Concen: 44.924 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

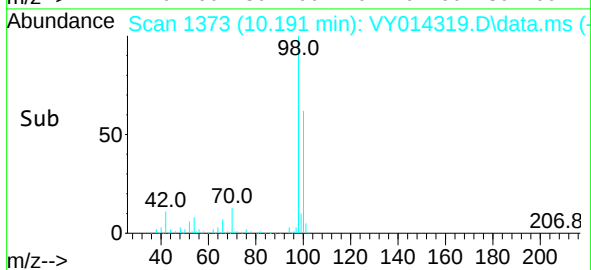
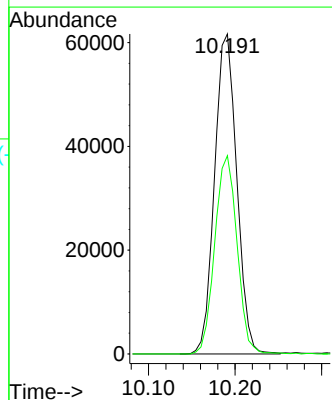
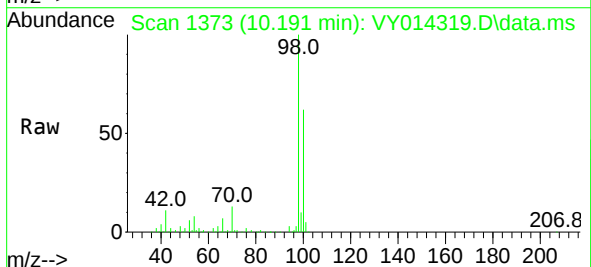
Instrument :
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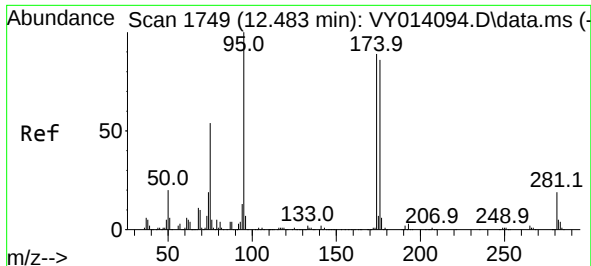
Tgt Ion:113 Resp: 30533
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 43.258 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

Tgt Ion: 98 Resp: 109917
Ion Ratio Lower Upper
98 100
100 62.1 50.1 75.1

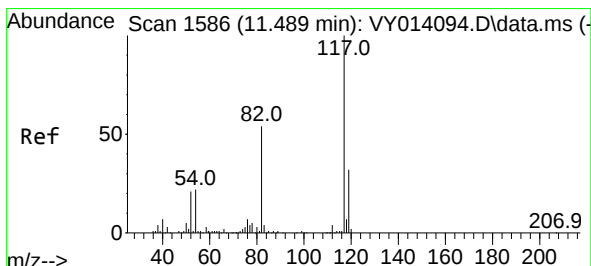
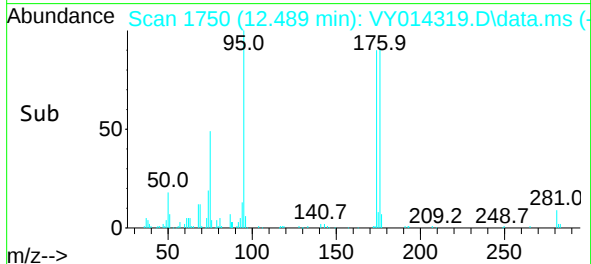
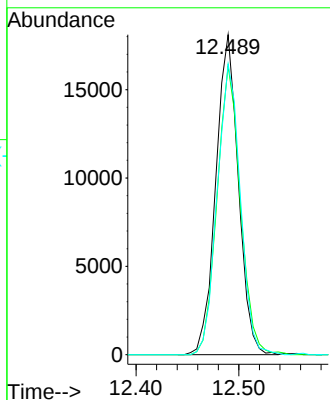
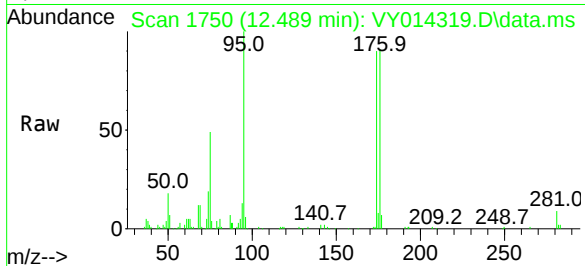




#62
4-Bromofluorobenzene
Concen: 30.534 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

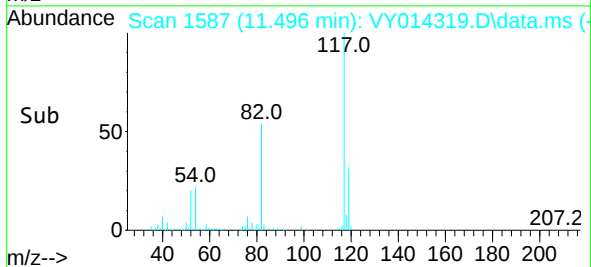
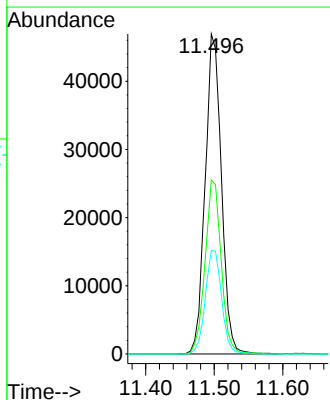
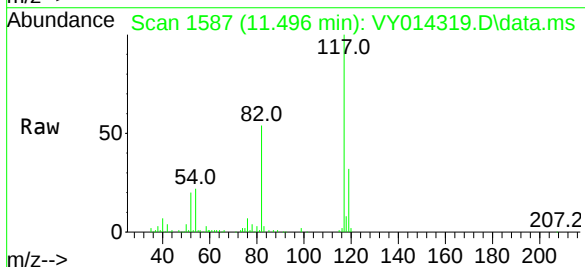
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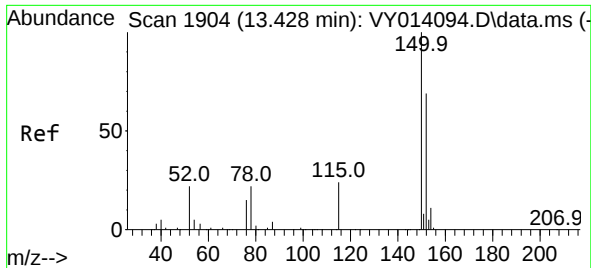
Tgt Ion:	95	Resp:	27561
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	178.2
176	93.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

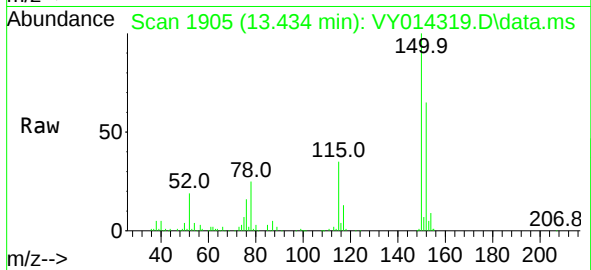
Tgt Ion:	117	Resp:	77560
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	32.3	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY014319.D
Acq: 21 Jun 2023 06:20

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6



Tgt Ion:	152	Resp:	28471
Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.8	86.5
150	155.4	0.0	348.8

