

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012385.D
 Acq On : 27 Jan 2023 15:53
 Operator : KP/MD
 Sample : 01328-10
 Misc : 9.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-BORING-1-7-14-GRAB-8

Quant Time: Jan 30 02:43:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

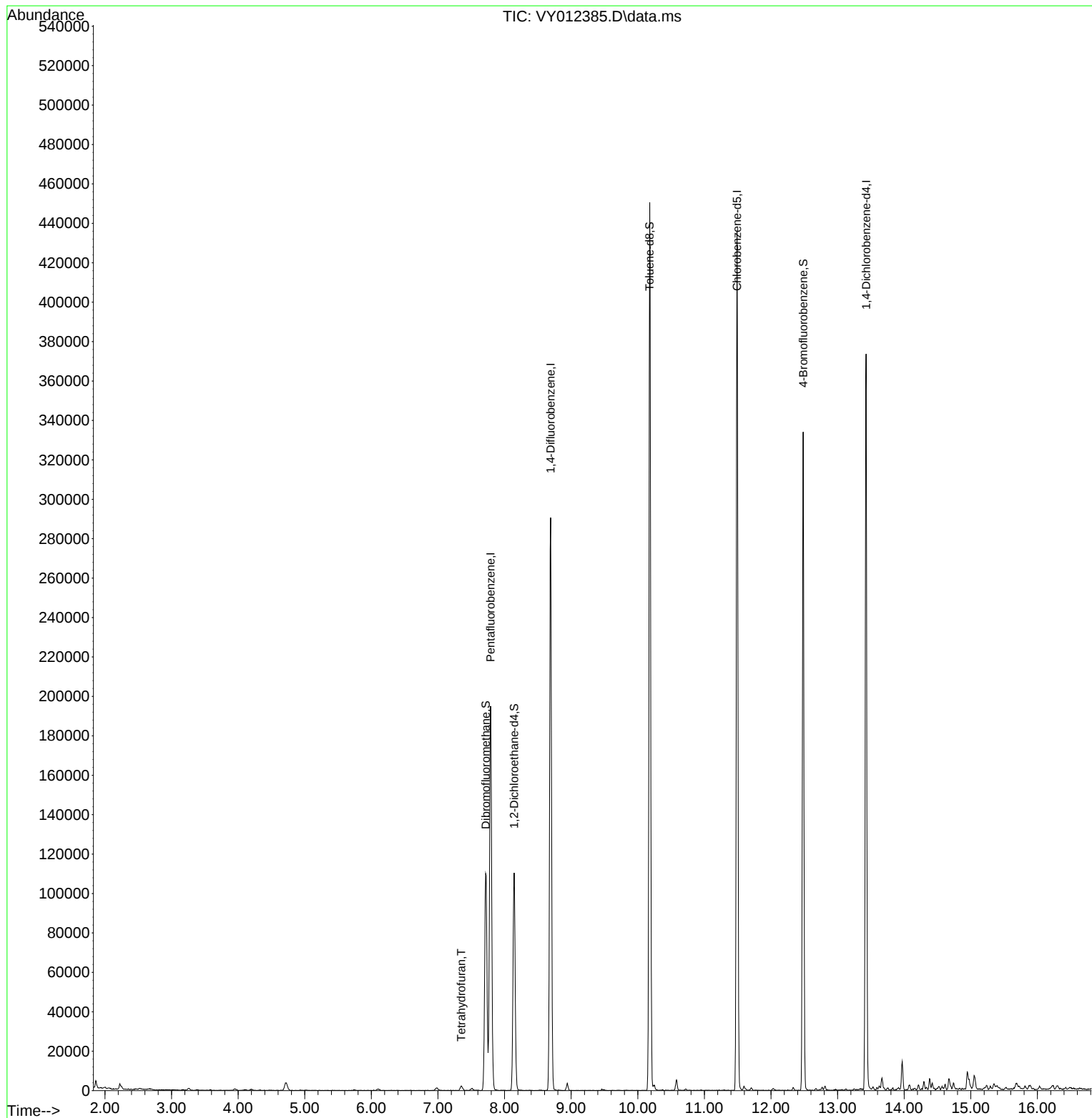
Internal Standards						
1) Pentafluorobenzene	7.789	168	155207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	94401	75.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.740%
35) Dibromofluoromethane	7.716	113	76865	56.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.640%
50) Toluene-d8	10.179	98	302823	65.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.760%
62) 4-Bromofluorobenzene	12.483	95	95600	49.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%
Target Compounds						Qvalue
29) Tetrahydrofuran	7.350	42	1532	5.846	ug/l	# 75

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

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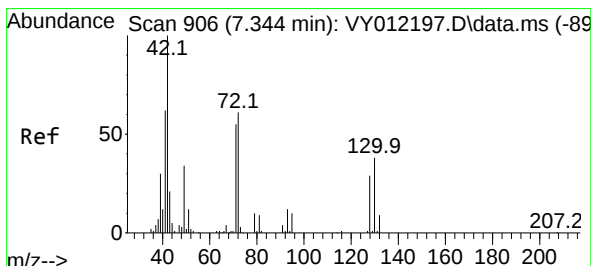
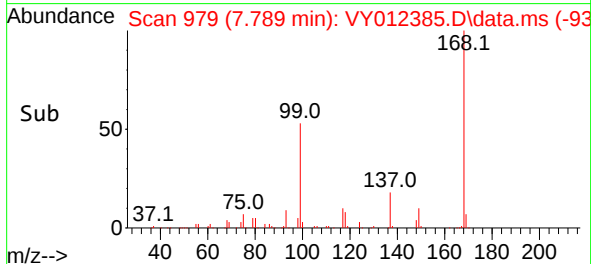
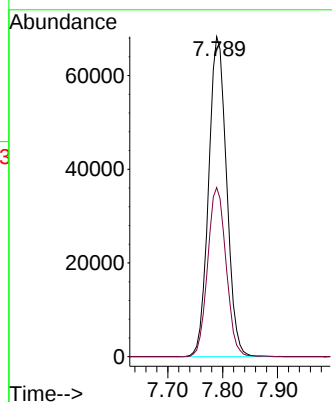
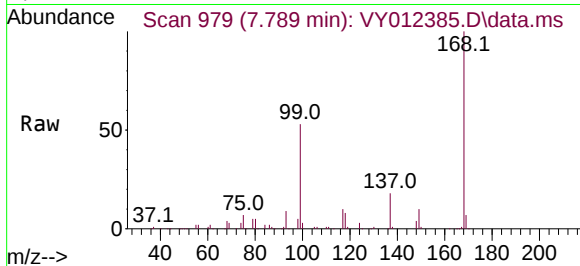




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

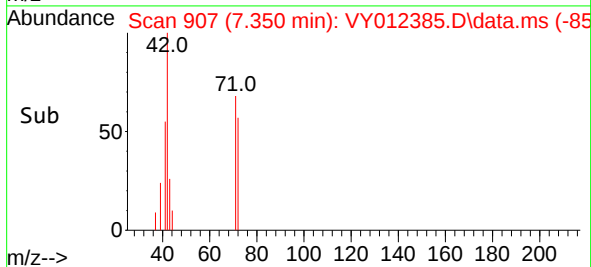
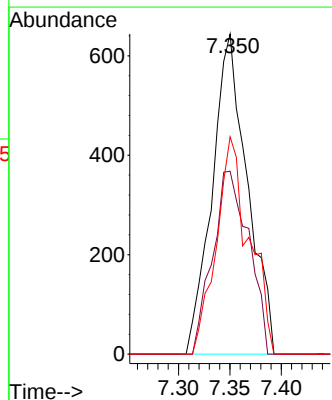
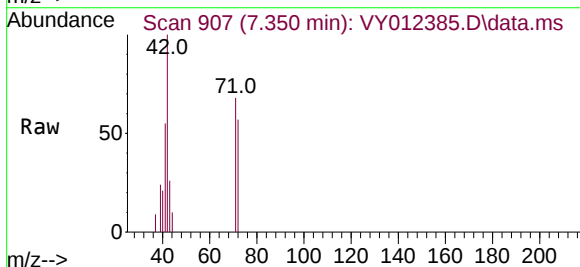
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-BORING-1-7-14-GRAB-8

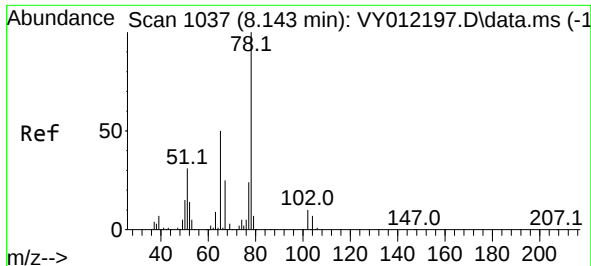
Tgt Ion:168 Resp: 155207
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#29
Tetrahydrofuran
Concen: 5.846 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

Tgt Ion: 42 Resp: 1532
Ion Ratio Lower Upper
42 100
72 58.9 37.0 55.6#
71 63.3 34.9 52.3#





#33

1,2-Dichloroethane-d4

Concen: 75.374 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012385.D

Acq: 27 Jan 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

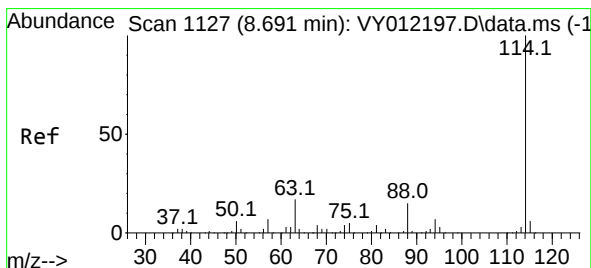
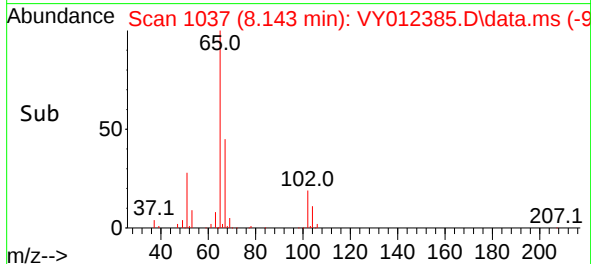
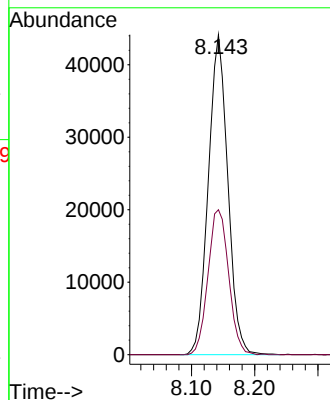
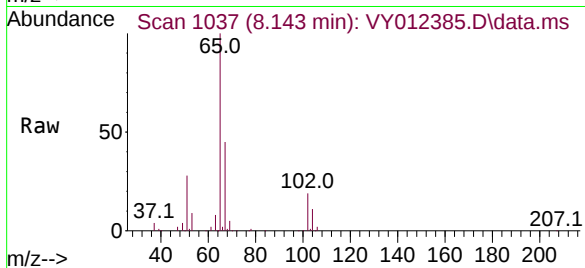
TOTAL-VOC-2-BORING-1-7-14-GRAB-8

Tgt Ion: 65 Resp: 94401

Ion Ratio Lower Upper

65 100

67 48.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012385.D

Acq: 27 Jan 2023 15:53

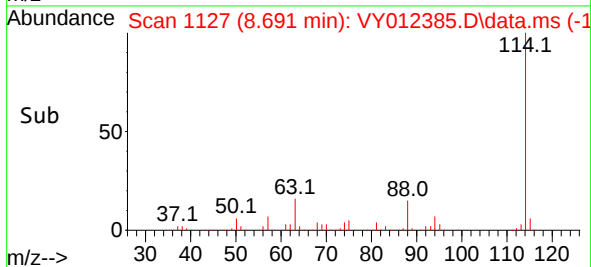
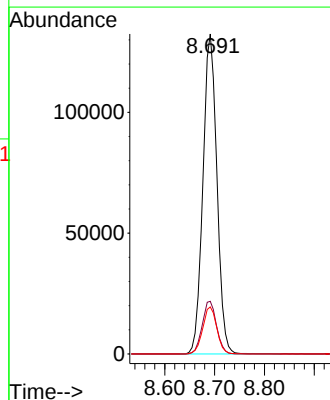
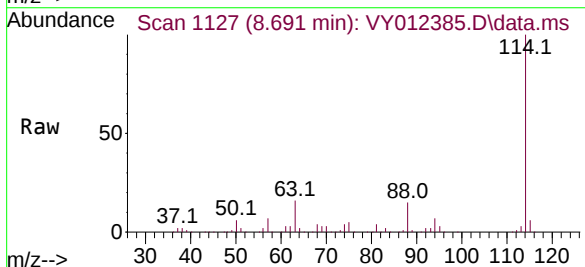
Tgt Ion: 114 Resp: 257733

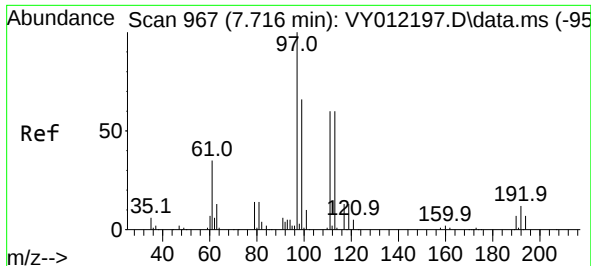
Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.7 0.0 32.2

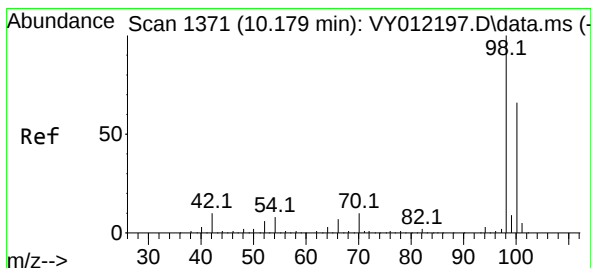
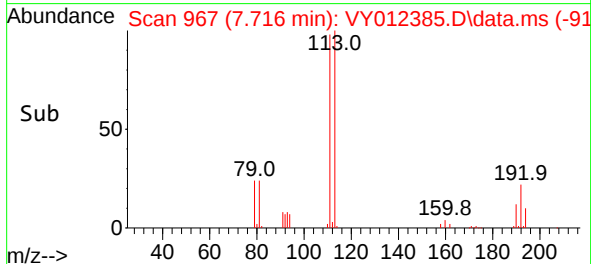
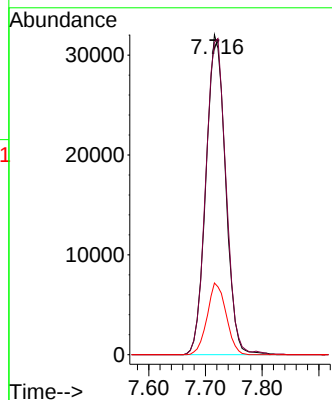
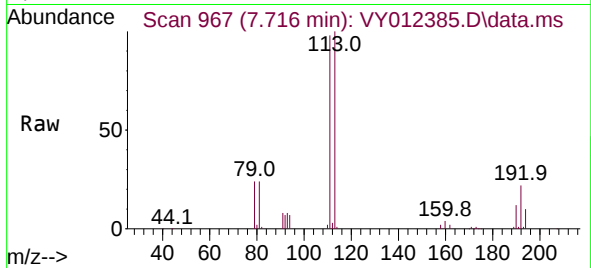




#35
Dibromofluoromethane
Concen: 56.324 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

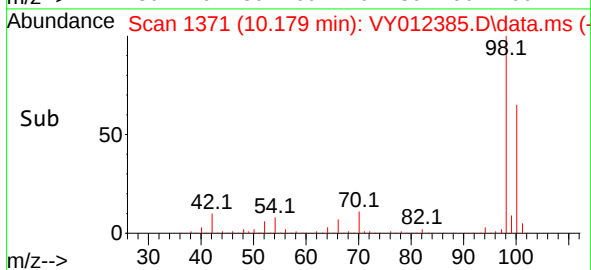
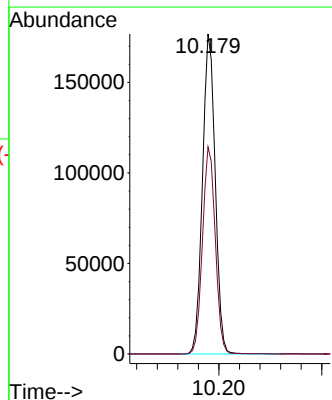
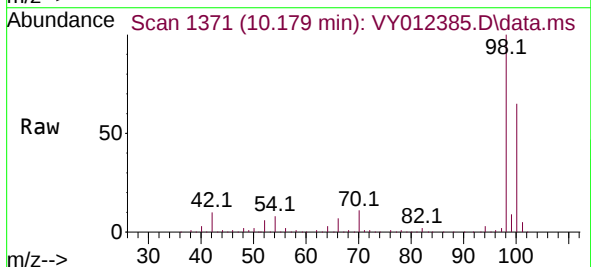
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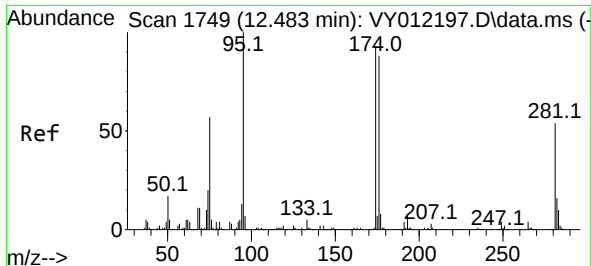
Tgt Ion:113 Resp: 76865
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.4
192 21.7 16.0 24.0



#50
Toluene-d8
Concen: 65.375 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

Tgt Ion: 98 Resp: 302823
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

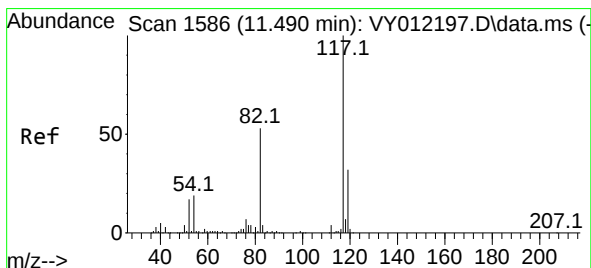
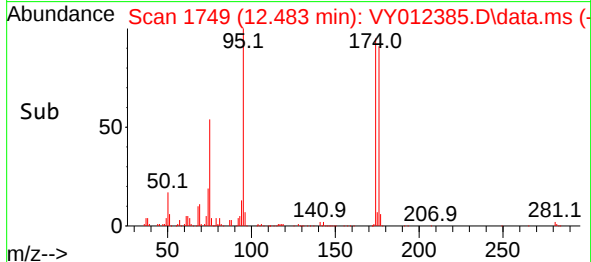
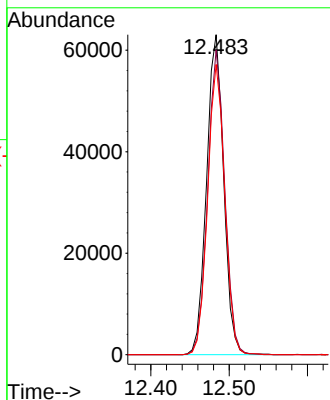
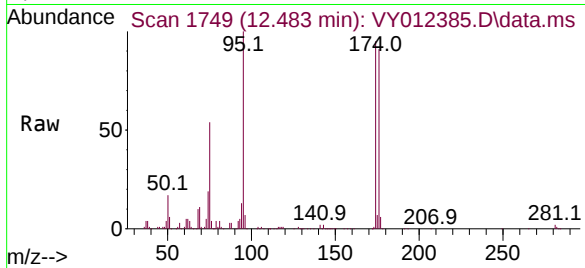




#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

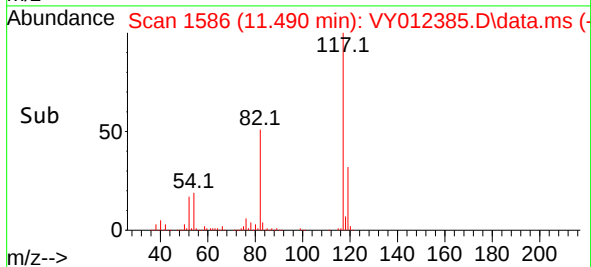
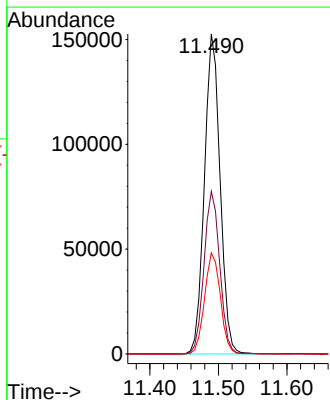
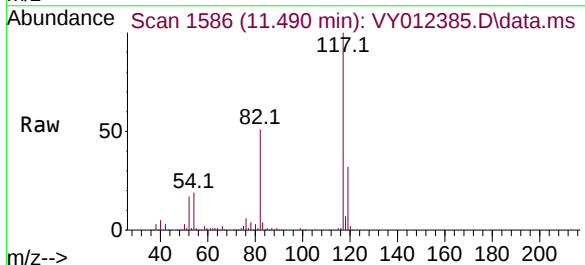
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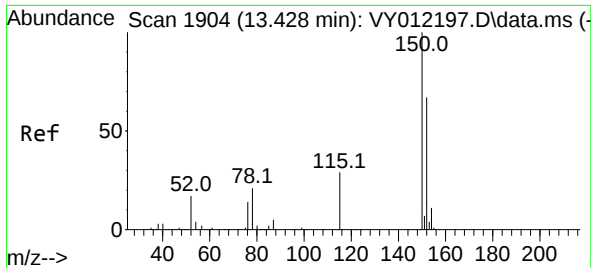
Tgt Ion:	95	Resp:	95600
Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	172.0
176	90.9	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012385.D
Acq: 27 Jan 2023 15:53

Tgt Ion:	117	Resp:	243680
Ion	Ratio	Lower	Upper
117	100		
82	50.8	44.8	67.2
119	31.6	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012385.D

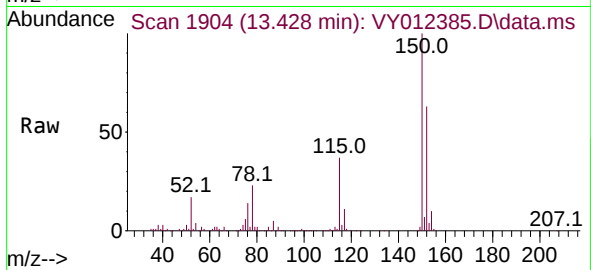
Acq: 27 Jan 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2-BORING-1-7-14-GRAB-8



Tgt Ion:152 Resp: 101599

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 156.8 0.0 342.6

