

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012338.D
 Acq On : 24 Jan 2023 13:41
 Operator : KP/MD
 Sample : 01251-12RE
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-4RE

Quant Time: Jan 25 01:31:32 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)

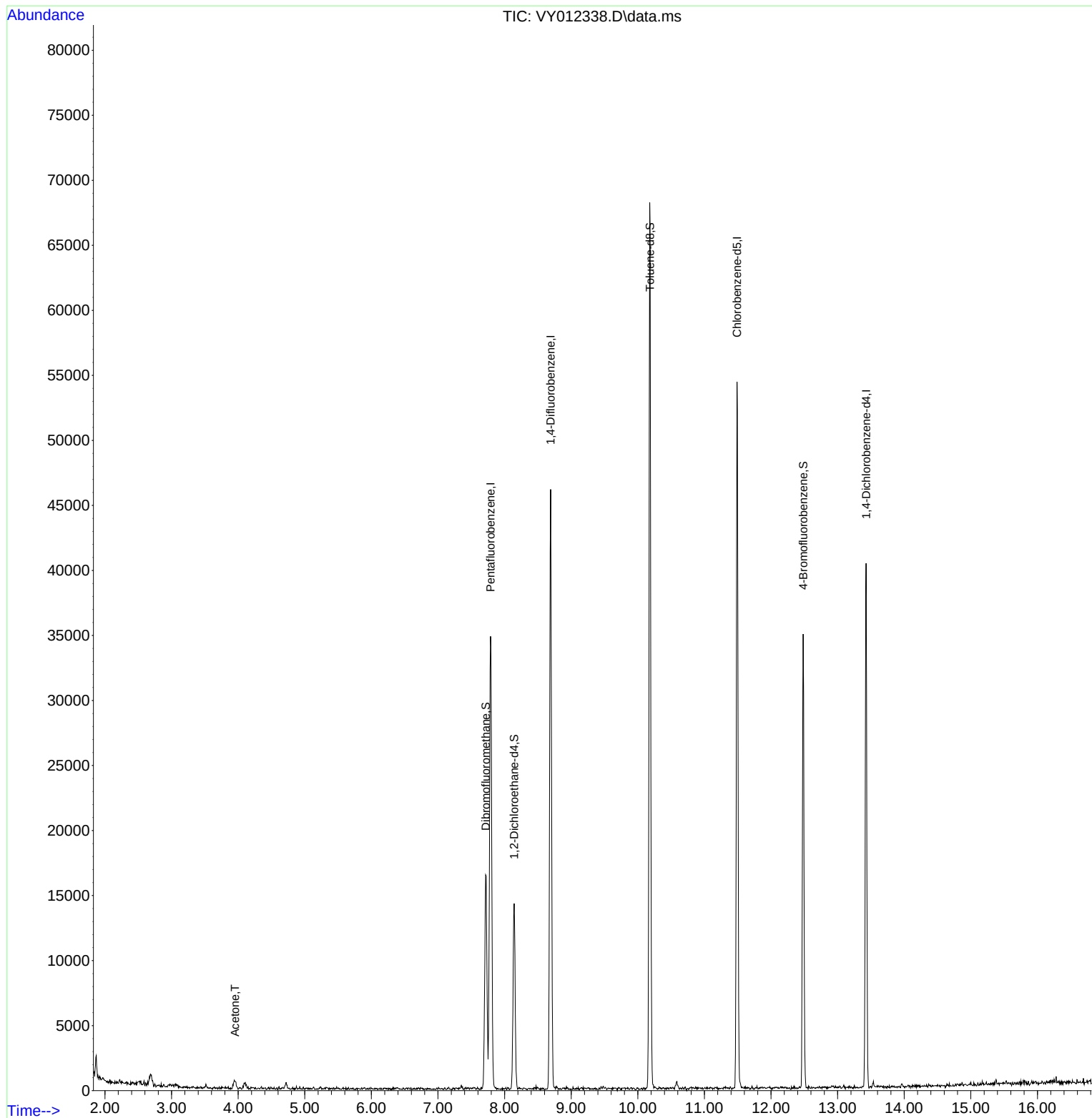
Internal Standards						
1) Pentafluorobenzene	7.789	168	28650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	32319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12262	51.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.716	113	10926	50.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.185	98	47107	63.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.800%	
62) 4-Bromofluorobenzene	12.483	95	10790	35.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.080%	
Target Compounds						
16) Acetone	3.954	43	1185	14.854	ug/l	Qvalue # 85

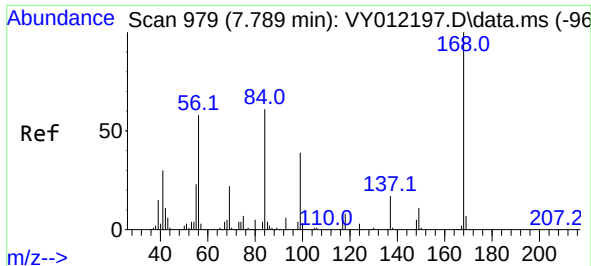
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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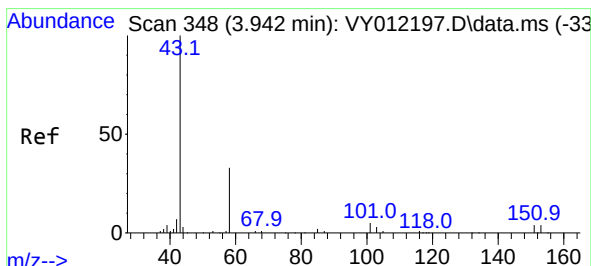
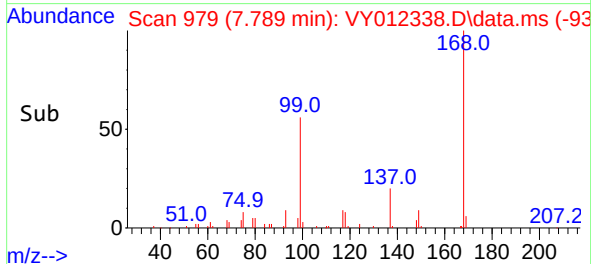
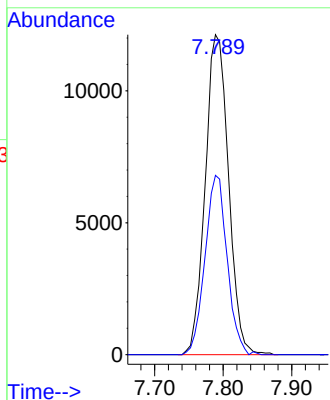
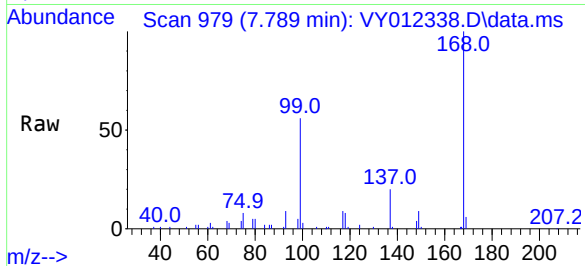




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

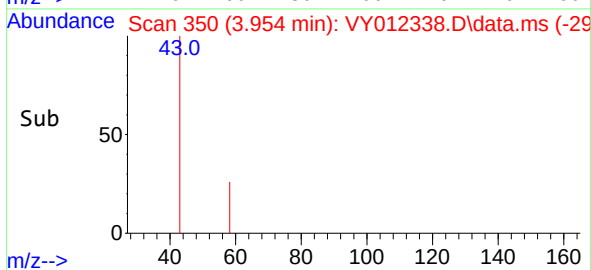
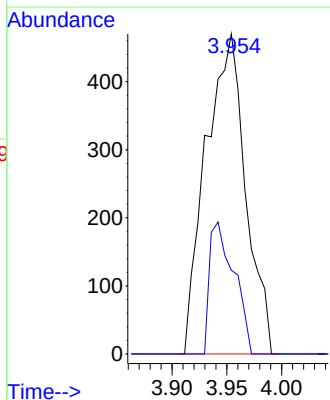
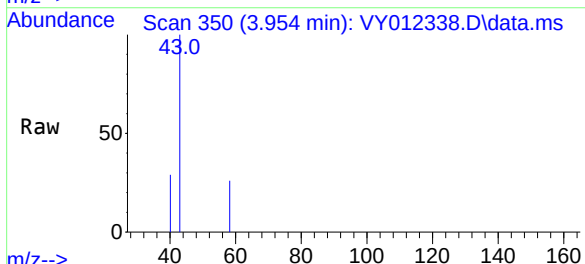
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-4RE

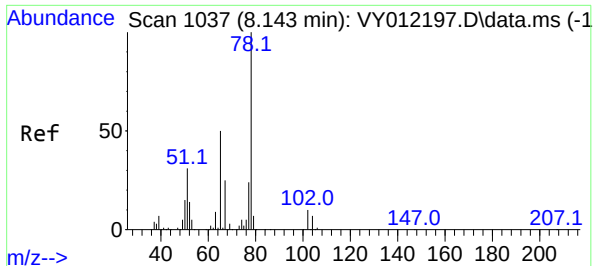
Tgt Ion:168 Resp: 28650
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#16
Acetone
Concen: 14.854 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 26.2 27.9 41.9#





#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012338.D

Acq: 24 Jan 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

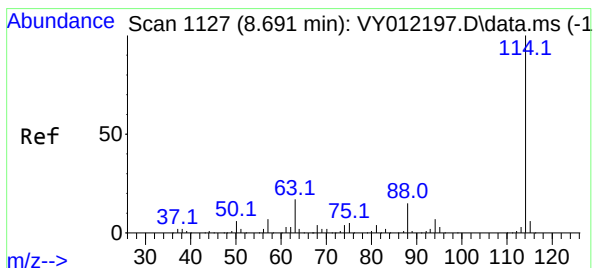
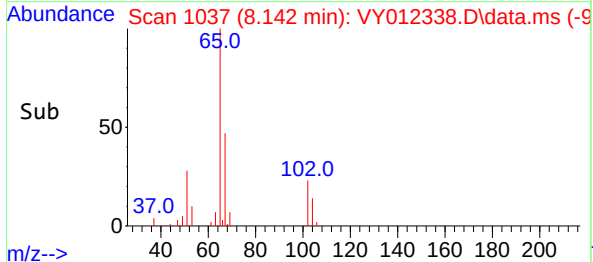
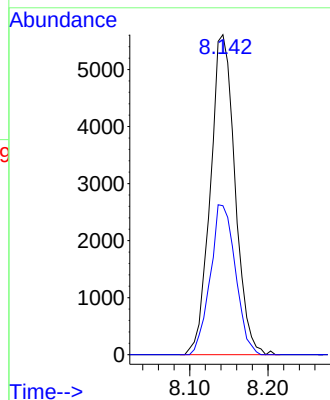
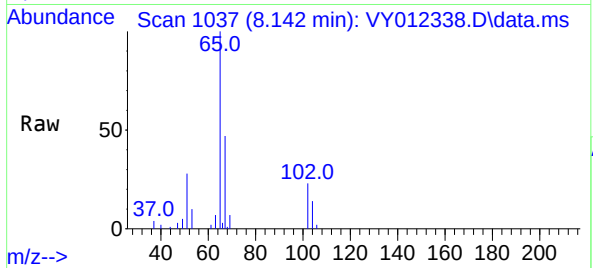
TOT-VOC-4RE

Tgt Ion: 65 Resp: 12262

Ion Ratio Lower Upper

65 100

67 47.7 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: VY012338.D

Acq: 24 Jan 2023 13:41

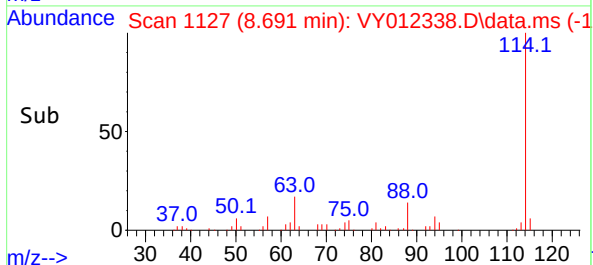
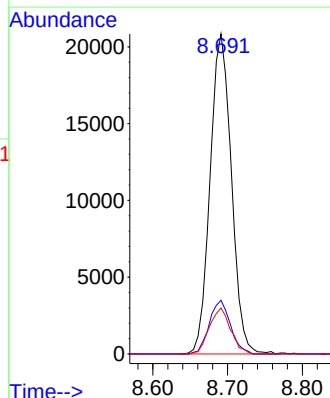
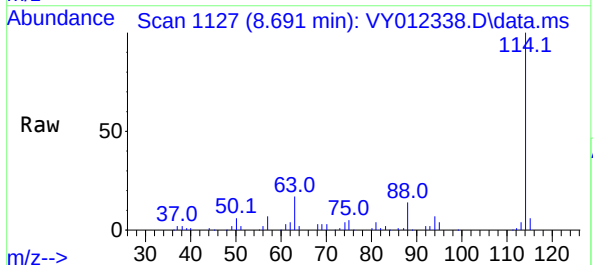
Tgt Ion: 114 Resp: 41252

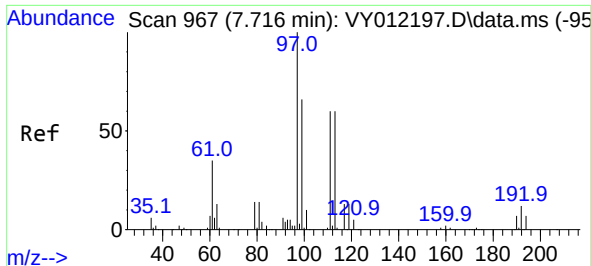
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.3 0.0 32.2

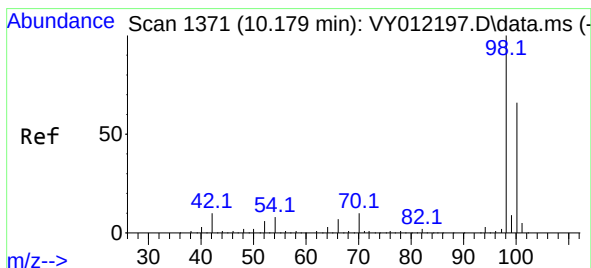
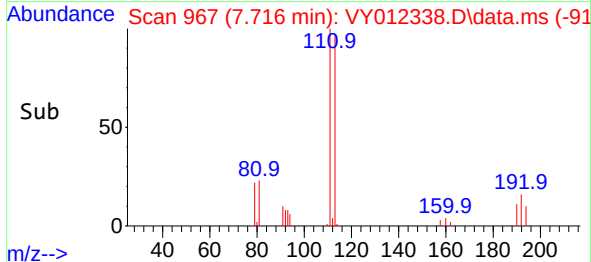
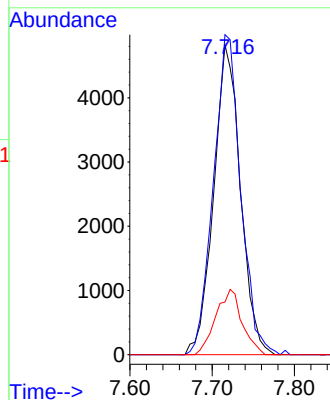
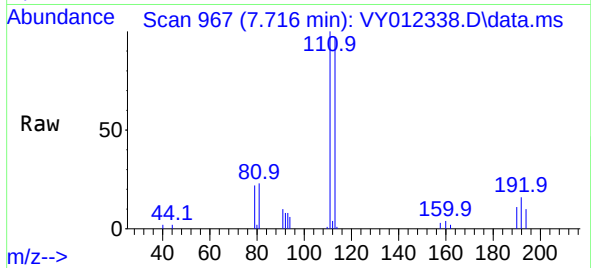




#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

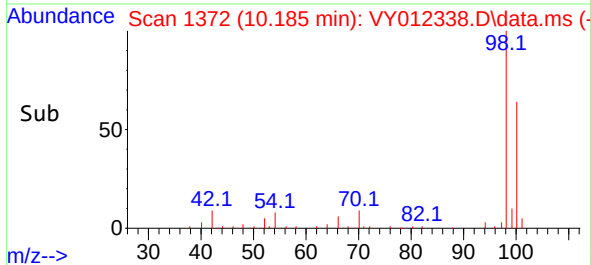
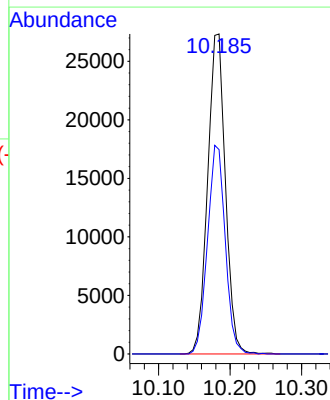
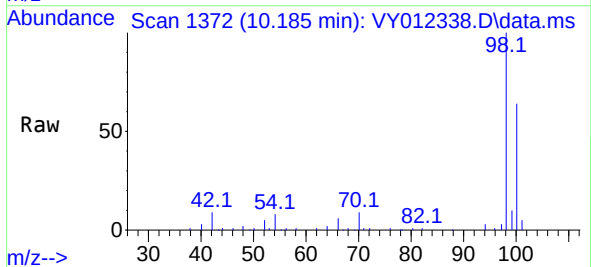
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-4RE

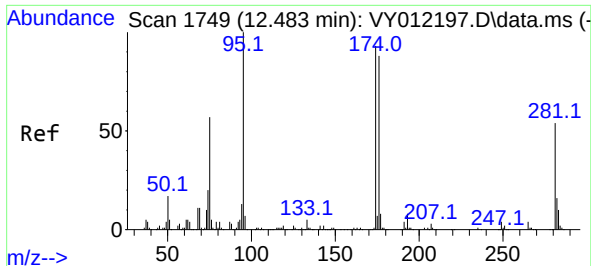
Tgt Ion:113 Resp: 10926
Ion Ratio Lower Upper
113 100
111 104.9 83.0 124.4
192 20.7 16.0 24.0



#50
Toluene-d8
Concen: 63.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

Tgt Ion: 98 Resp: 47107
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

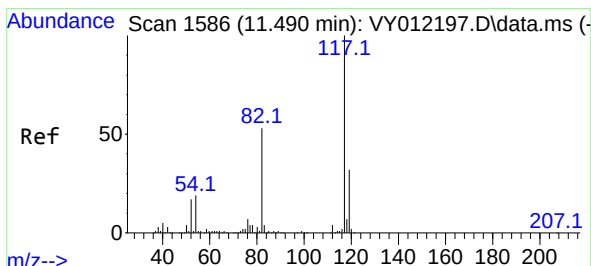
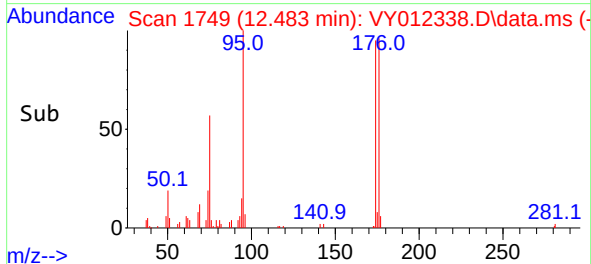
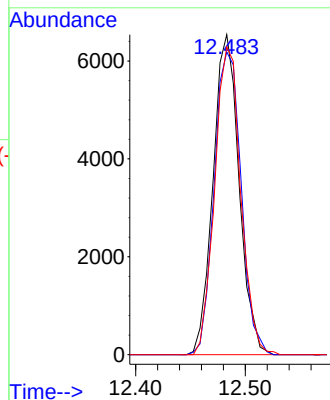
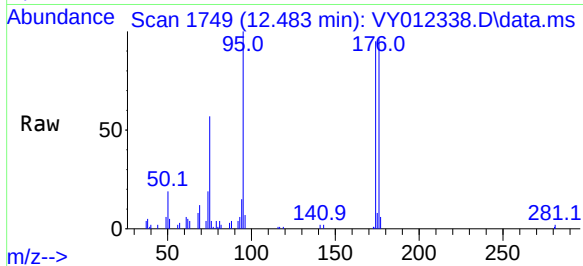




#62
4-Bromofluorobenzene
Concen: 35.042 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

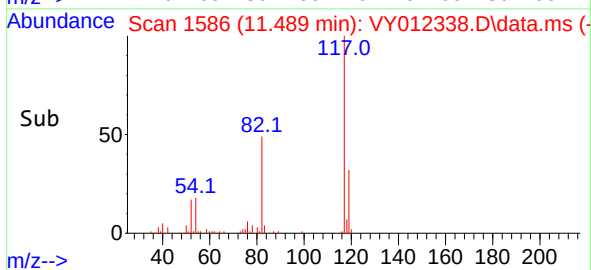
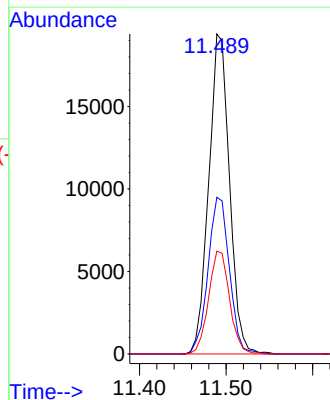
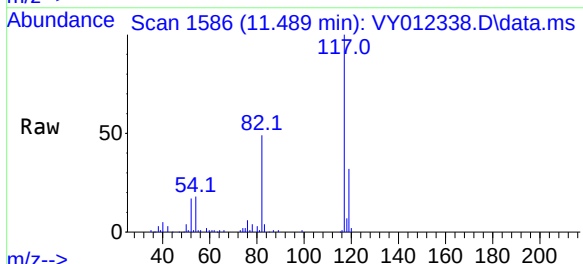
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MSVOA_Y
ClientSampleId :
TOT-VOC-4RE

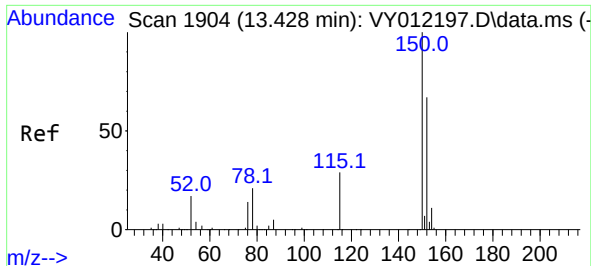
Tgt Ion:	95	Resp:	10790
Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	172.0
176	96.2	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012338.D
Acq: 24 Jan 2023 13:41

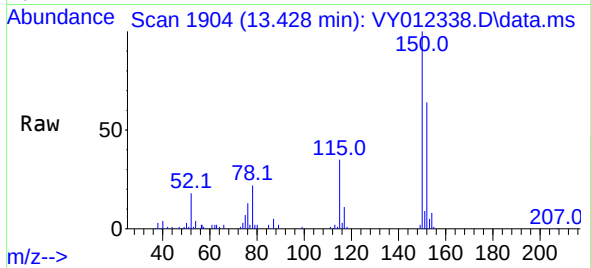
Tgt Ion:	117	Resp:	32319
Ion	Ratio	Lower	Upper
117	100		
82	49.0	44.8	67.2
119	32.2	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012338.D
 Acq: 24 Jan 2023 13:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-4RE



Tgt Ion:152 Resp: 11422

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.1	87.3
150	159.3	0.0	342.6

