

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012337.D
 Acq On : 24 Jan 2023 13:18
 Operator : KP/MD
 Sample : 01251-11RE
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-3RE

Quant Time: Jan 25 01:31:24 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)

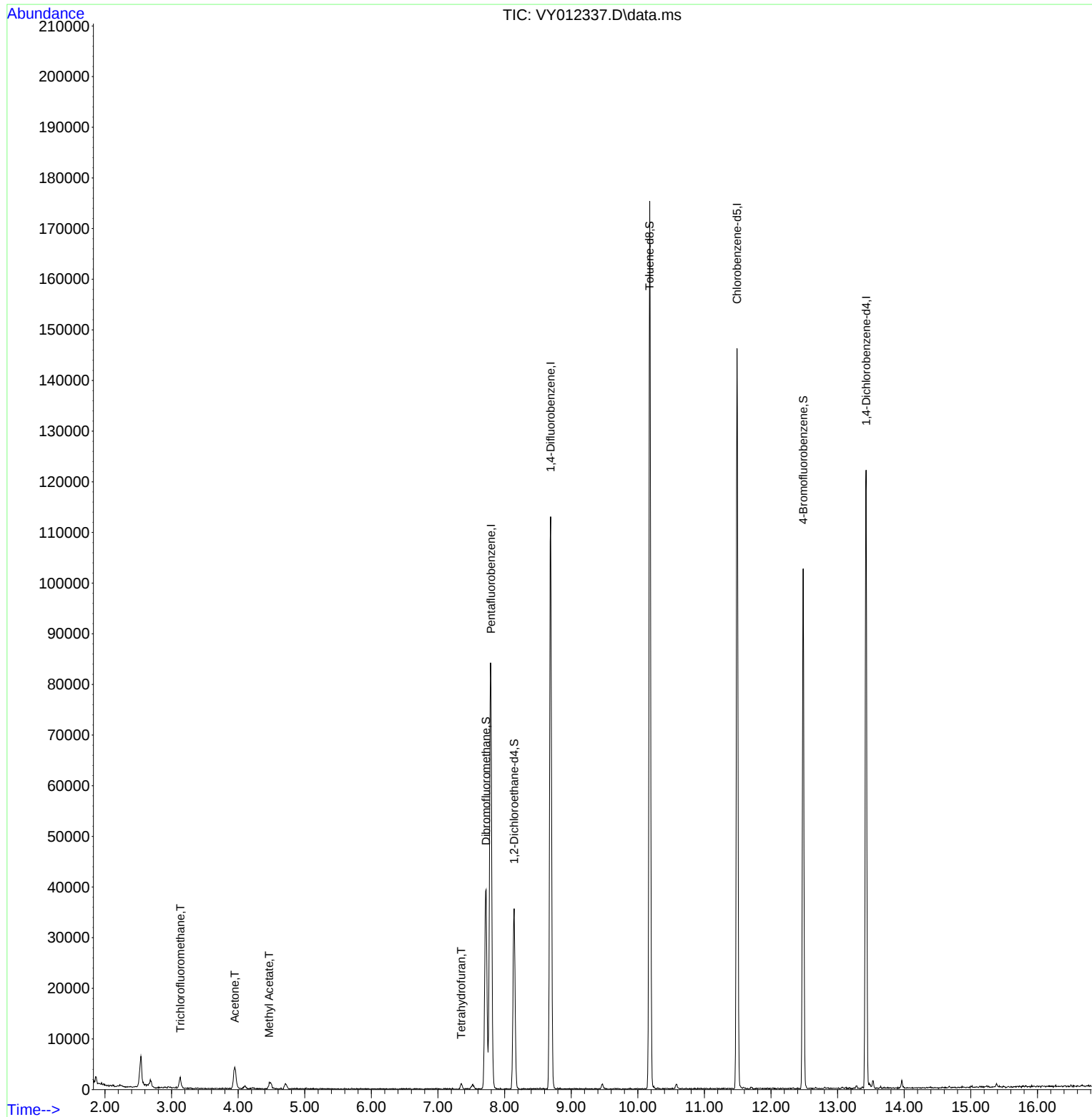
Internal Standards						
1) Pentafluorobenzene	7.795	168	68096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	101618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	30329	54.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.100%
35) Dibromofluoromethane	7.722	113	26666	49.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.179	98	116812	63.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.720%
62) 4-Bromofluorobenzene	12.483	95	30526	40.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.480%
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	3.131	101	2201	1.759	ug/l	89
16) Acetone	3.948	43	7521	39.664	ug/l	88
18) Methyl Acetate	4.466	43	2301	5.423	ug/l	92
29) Tetrahydrofuran	7.350	42	680	5.914	ug/l	94

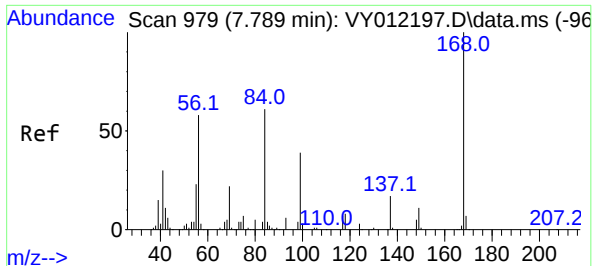
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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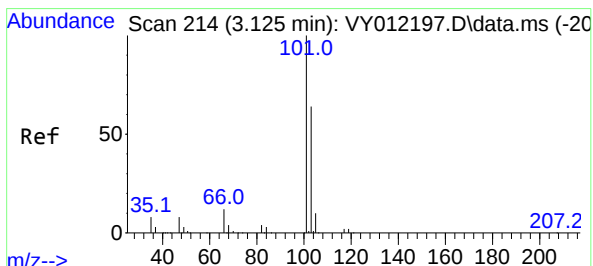
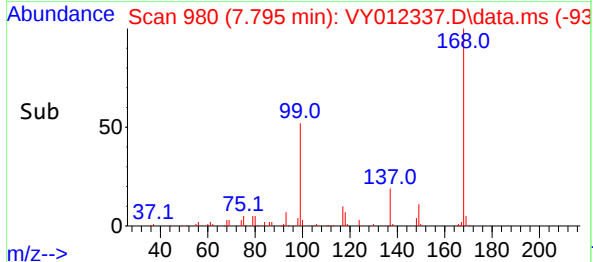
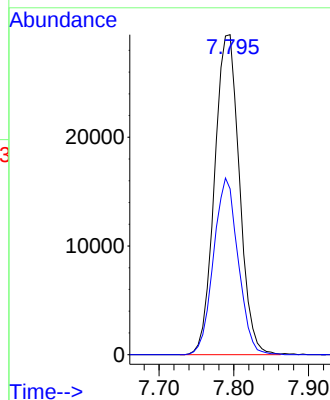
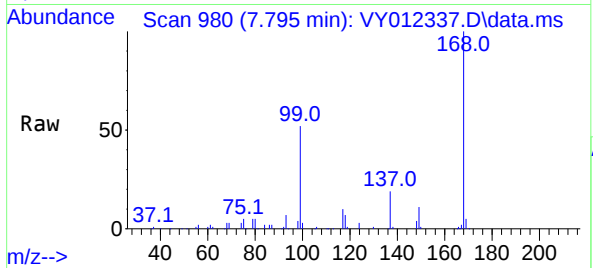




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

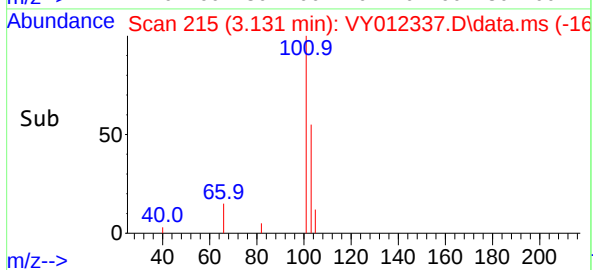
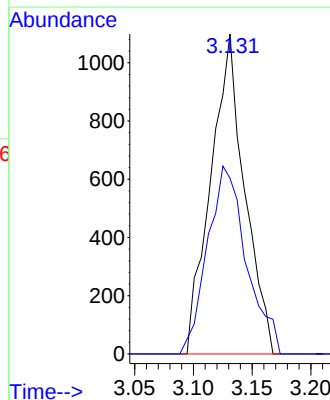
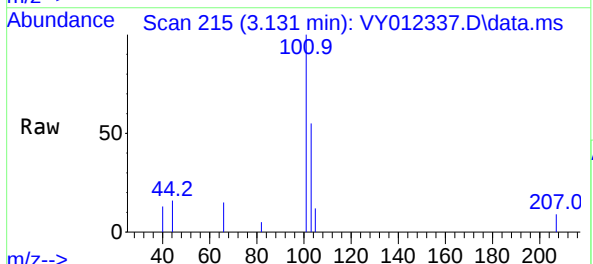
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3RE

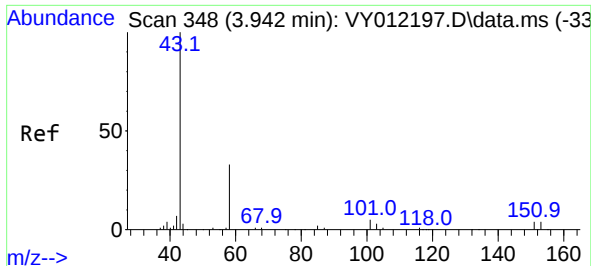
Tgt Ion:168 Resp: 68096
Ion Ratio Lower Upper
168 100
99 51.8 44.0 66.0



#7
Trichlorofluoromethane
Concen: 1.759 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

Tgt Ion:101 Resp: 2201
Ion Ratio Lower Upper
101 100
103 55.0 51.0 76.6

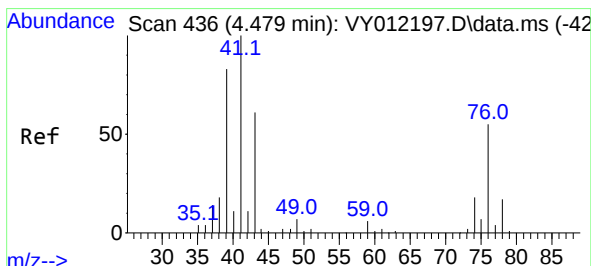
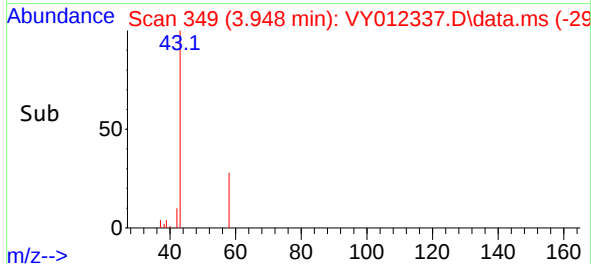
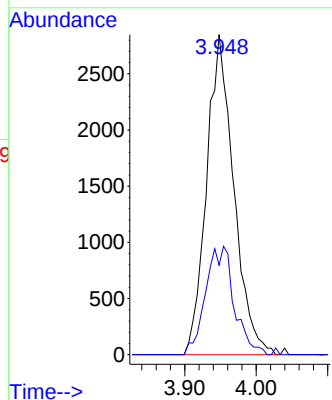
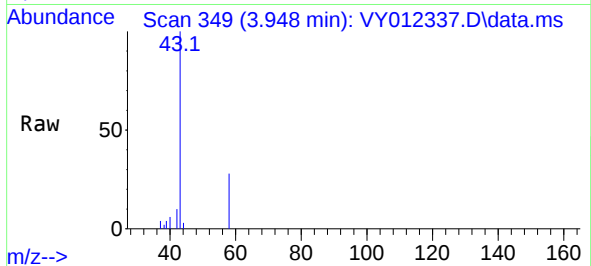




#16
Acetone
Concen: 39.664 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

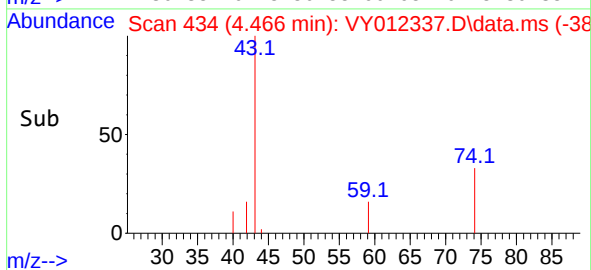
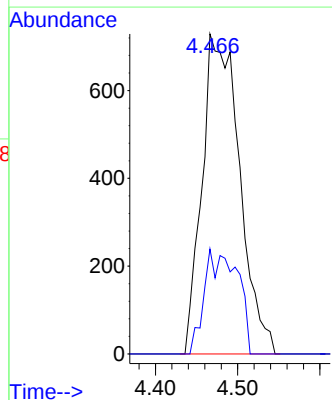
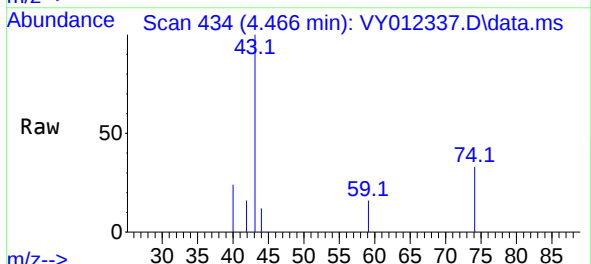
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3RE

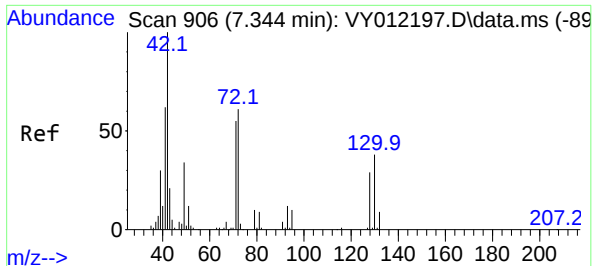
Tgt Ion: 43 Resp: 7521
Ion Ratio Lower Upper
43 100
58 28.0 27.9 41.9



#18
Methyl Acetate
Concen: 5.423 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
74 29.0 20.1 30.1



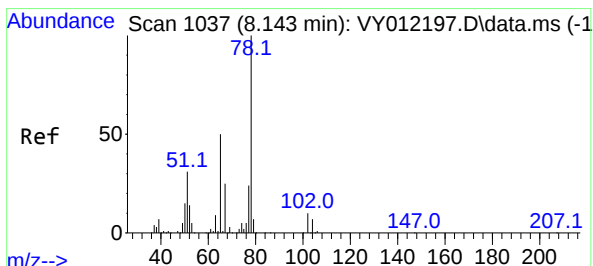
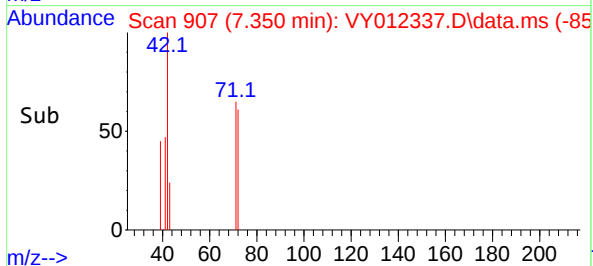
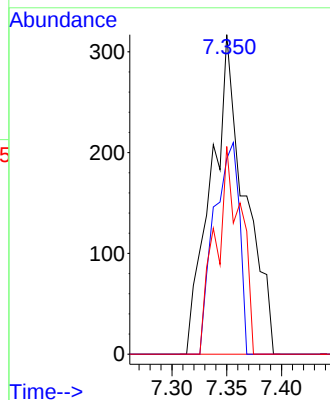
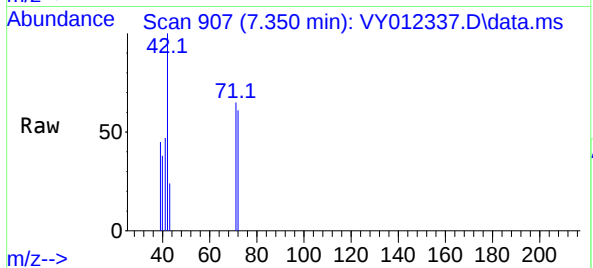


#29
Tetrahydrofuran
Concen: 5.914 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3RE

Tgt Ion: 42 Resp: 680

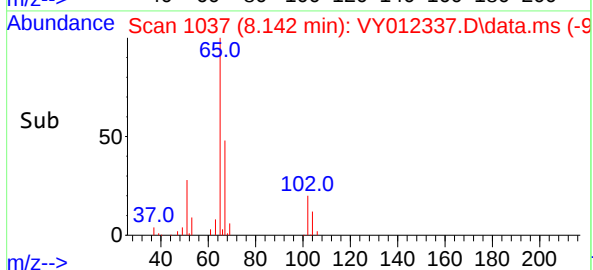
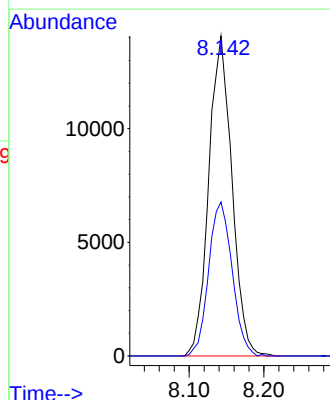
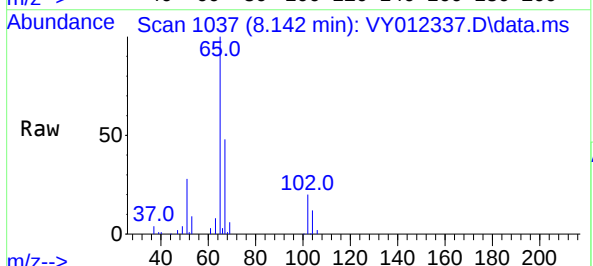
Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.0	55.6
71	48.8	34.9	52.3

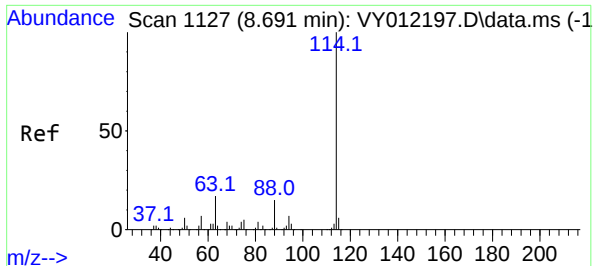


#33
1,2-Dichloroethane-d4
Concen: 54.052 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

Tgt Ion: 65 Resp: 30329

Ion	Ratio	Lower	Upper
65	100		
67	48.8	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: VY012337.D

Acq: 24 Jan 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-3RE

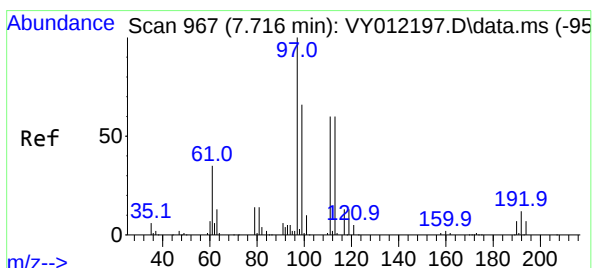
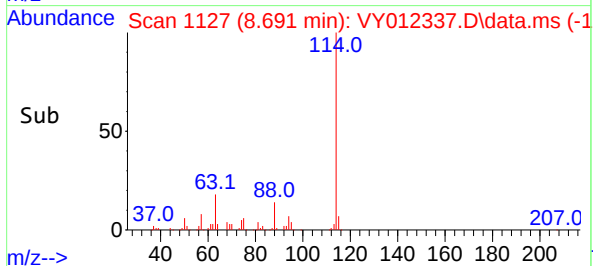
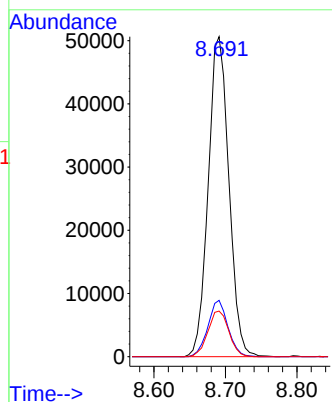
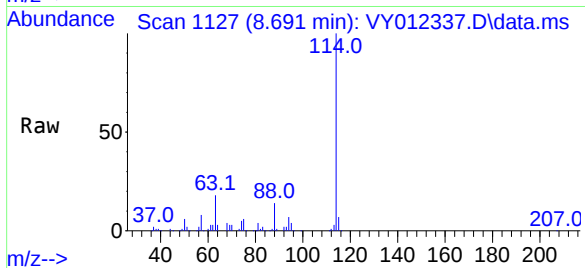
Tgt Ion:114 Resp: 101618

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.559 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012337.D

Acq: 24 Jan 2023 13:18

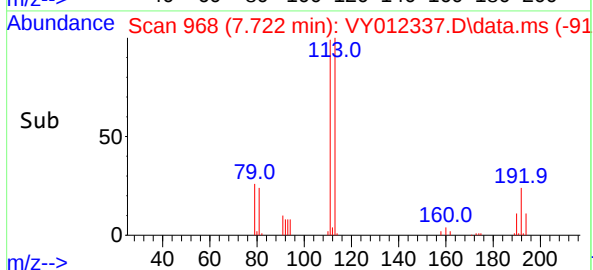
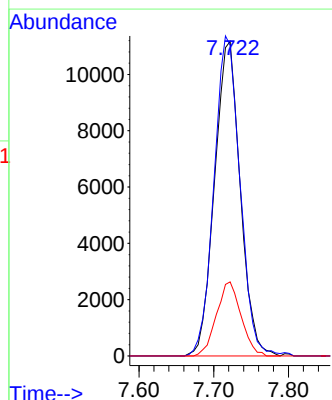
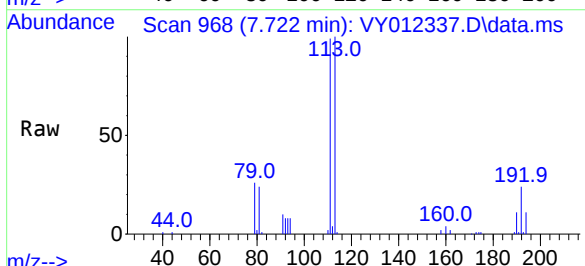
Tgt Ion:113 Resp: 26666

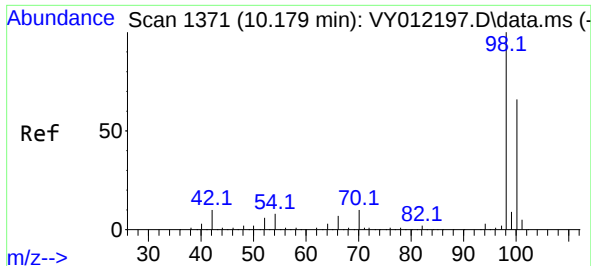
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 22.6 16.0 24.0

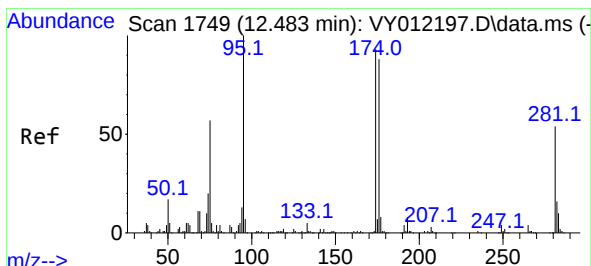
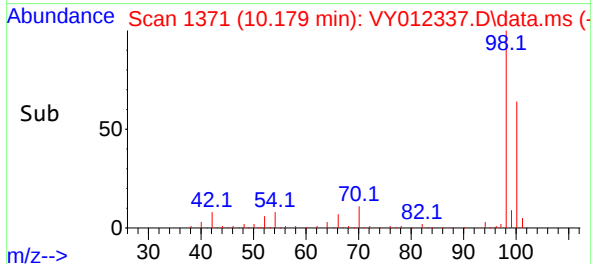
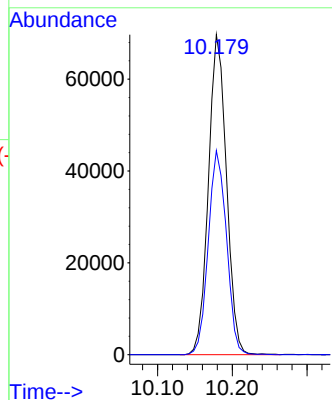
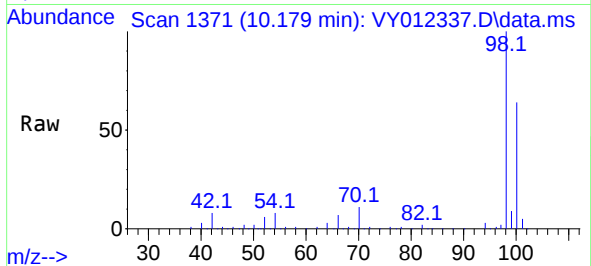




#50
Toluene-d8
Concen: 63.858 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

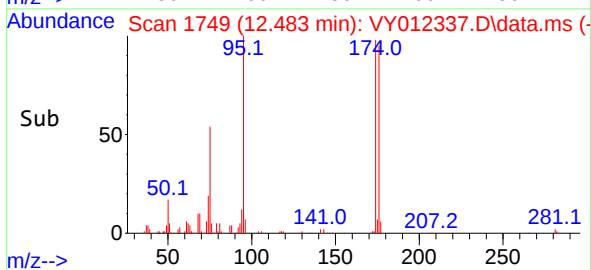
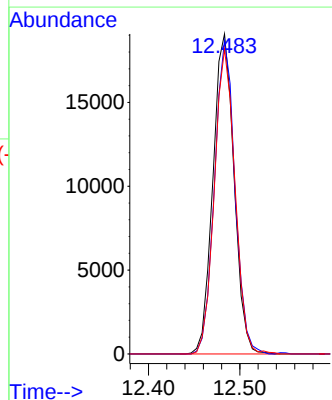
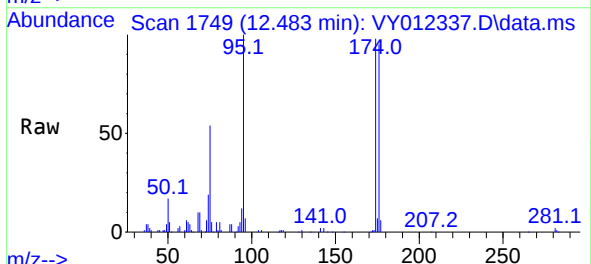
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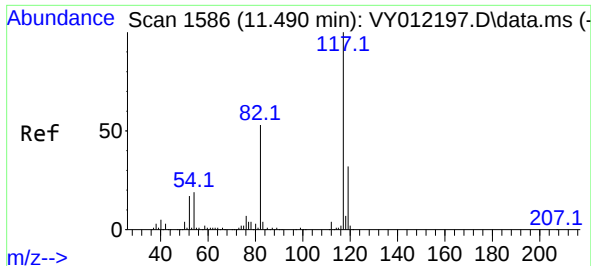
Tgt Ion: 98 Resp: 116812
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

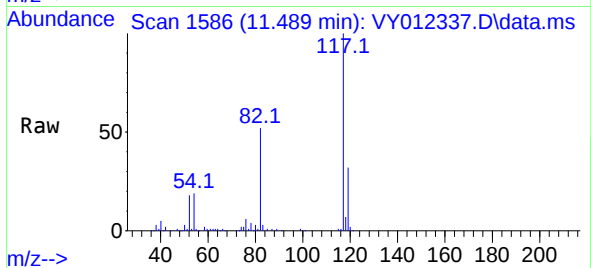
Tgt Ion: 95 Resp: 30526
Ion Ratio Lower Upper
95 100
174 95.0 0.0 172.0
176 93.3 0.0 167.6



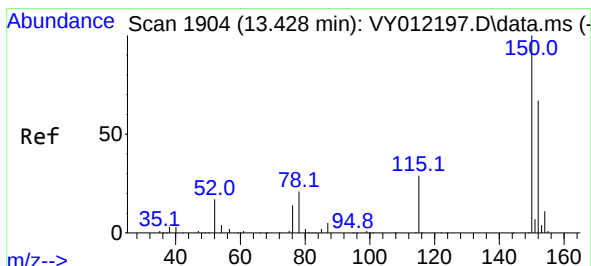
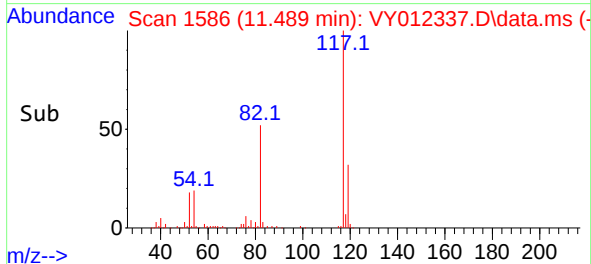
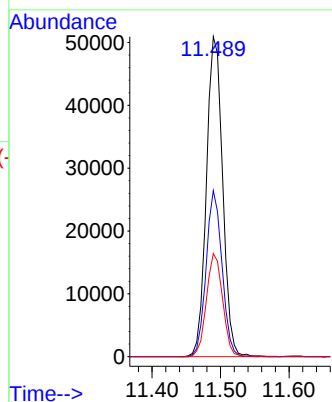


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012337.D
Acq: 24 Jan 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-3RE



Tgt Ion:117 Resp: 83946
Ion Ratio Lower Upper
117 100
82 51.9 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: VY012337.D
Acq: 24 Jan 2023 13:18

Tgt Ion:152 Resp: 34825
Ion Ratio Lower Upper
152 100
115 55.8 29.1 87.3
150 156.7 0.0 342.6

