

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012583.D
 Acq On : 14 Feb 2023 13:00
 Operator : KP/MD
 Sample : 01539-08
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-56

Quant Time: Feb 15 01:25:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

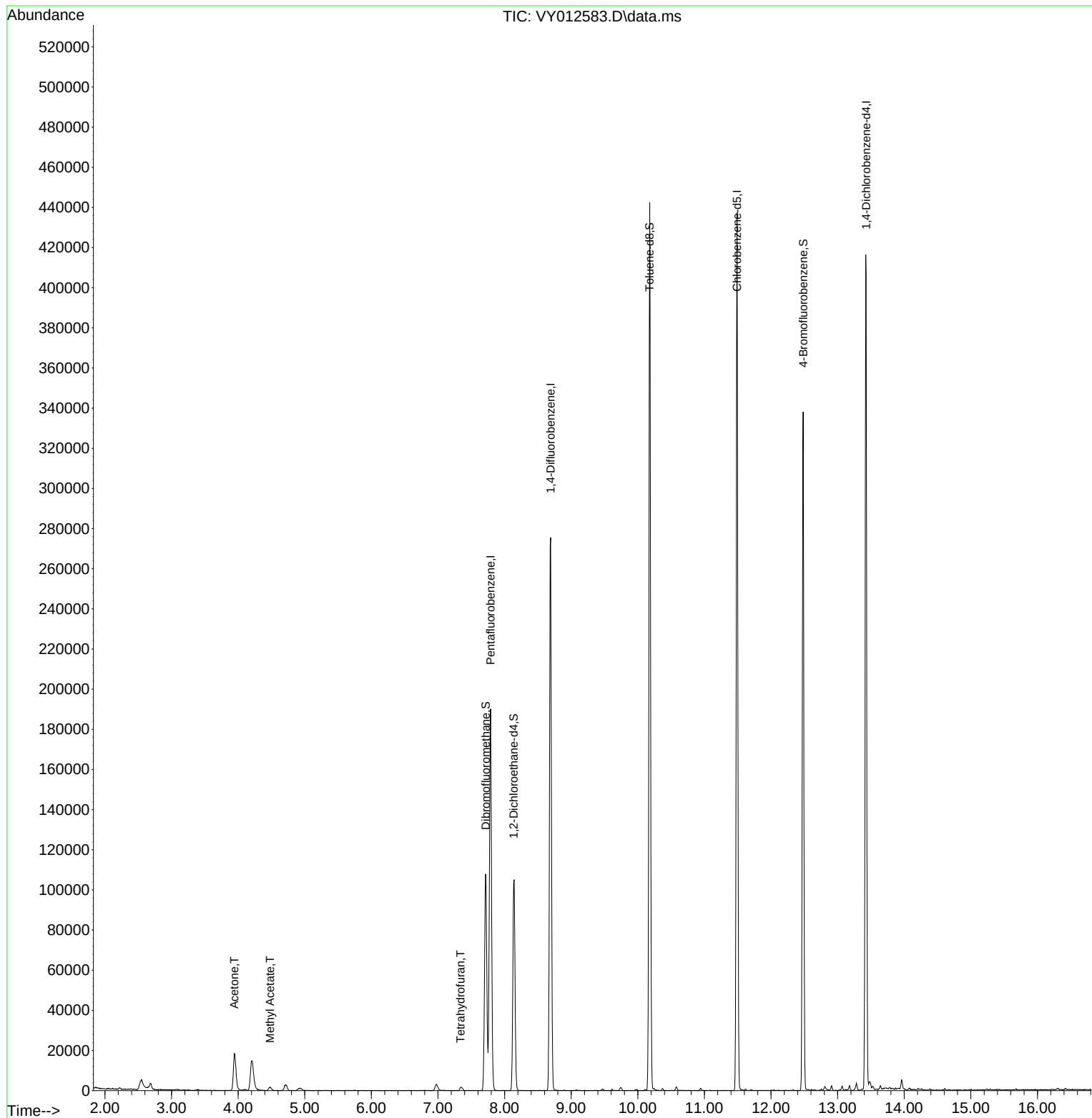
Internal Standards						
1) Pentafluorobenzene	7.789	168	149759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92263	48.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.716	113	72750	40.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.560%
50) Toluene-d8	10.179	98	290787	38.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.360%
62) 4-Bromofluorobenzene	12.483	95	99170	37.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.640%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	32460	70.819	ug/l	98
18) Methyl Acetate	4.479	43	2881	2.615	ug/l	91
29) Tetrahydrofuran	7.338	42	1217	4.427	ug/l	92

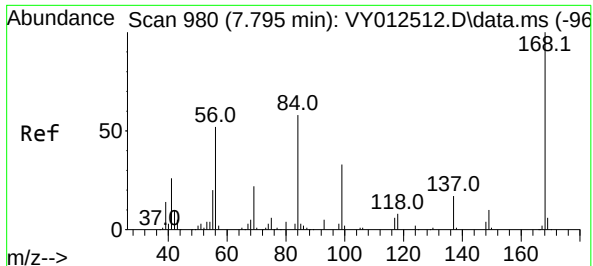
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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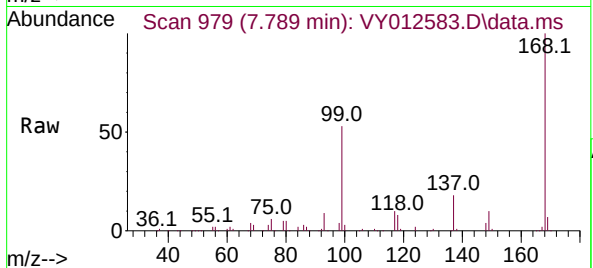
Quant Time: Feb 15 01:25:52 2023
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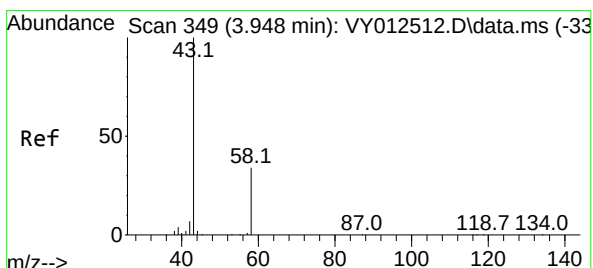
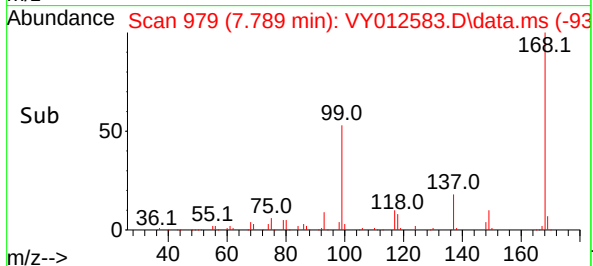
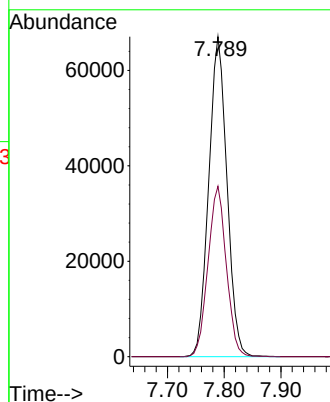


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-56

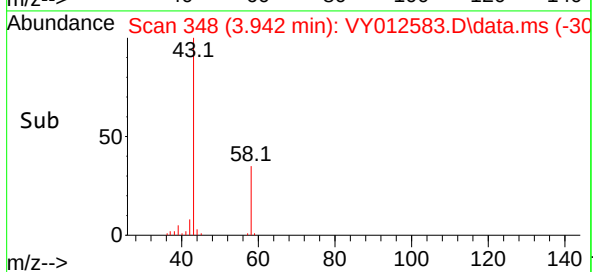
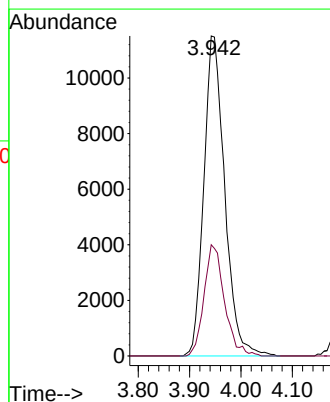
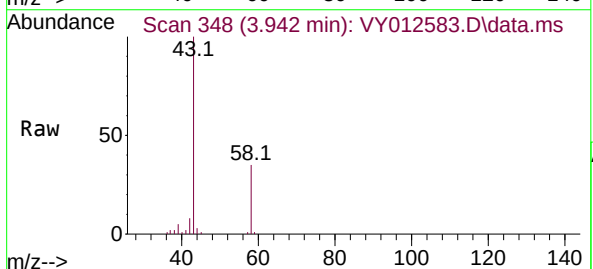


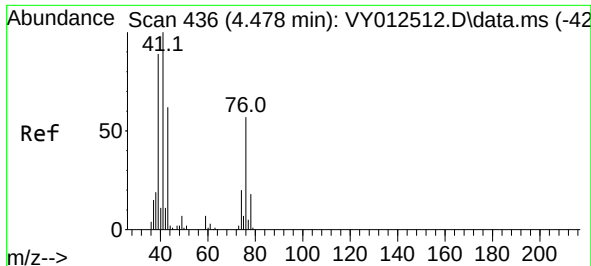
Tgt Ion:168 Resp: 149759
Ion Ratio Lower Upper
168 100
99 53.2 40.8 61.2



#16
Acetone
Concen: 70.819 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

Tgt Ion: 43 Resp: 32460
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

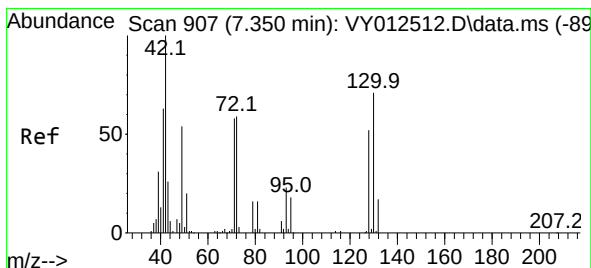
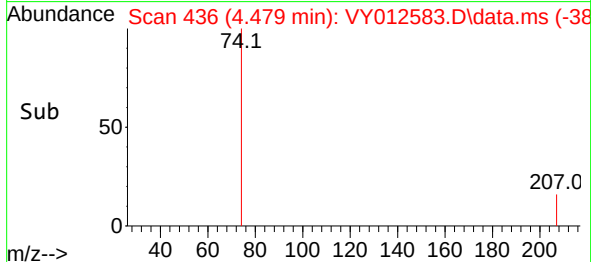
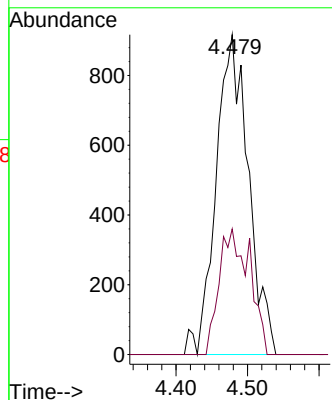
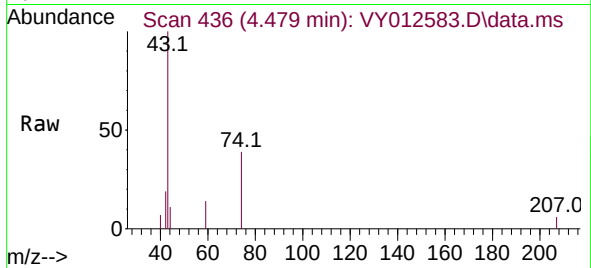




#18
Methyl Acetate
Concen: 2.615 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

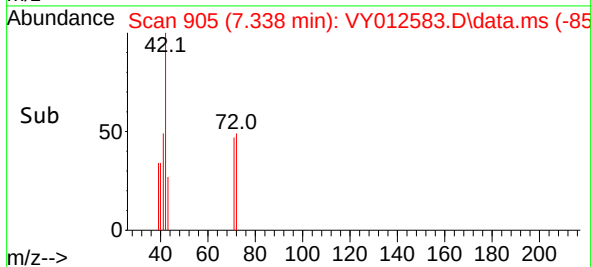
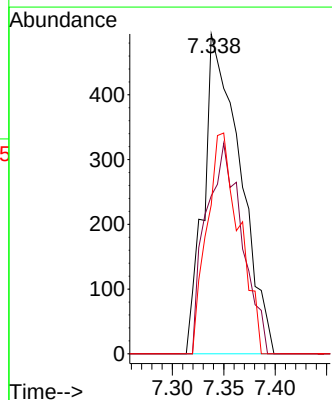
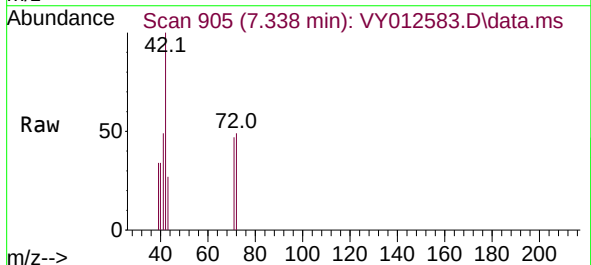
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-56

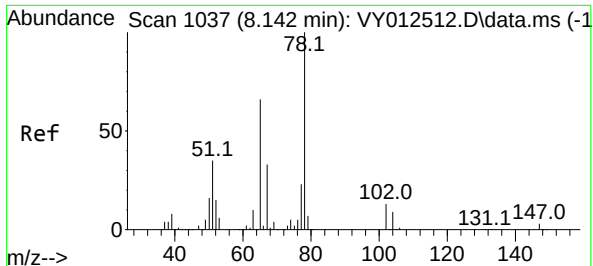
Tgt Ion: 43 Resp: 2881
Ion Ratio Lower Upper
43 100
74 37.0 25.6 38.4



#29
Tetrahydrofuran
Concen: 4.427 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

Tgt Ion: 42 Resp: 1217
Ion Ratio Lower Upper
42 100
72 65.1 47.0 70.6
71 61.5 44.6 66.8





#33

1,2-Dichloroethane-d4

Concen: 48.448 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012583.D

Acq: 14 Feb 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

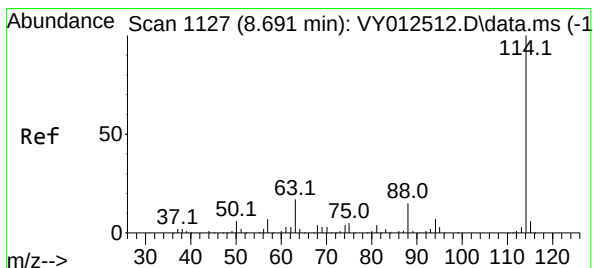
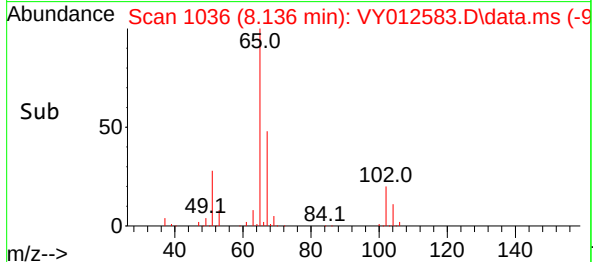
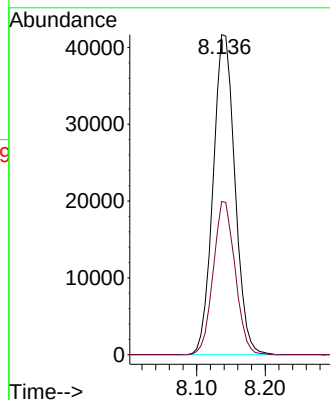
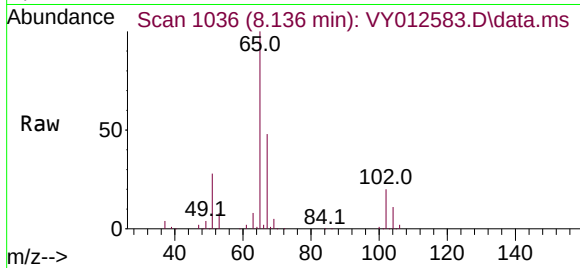
TOT-VOC-GRAB-56

Tgt Ion: 65 Resp: 92263

Ion Ratio Lower Upper

65 100

67 47.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012583.D

Acq: 14 Feb 2023 13:00

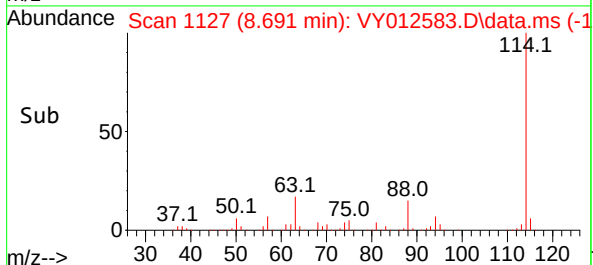
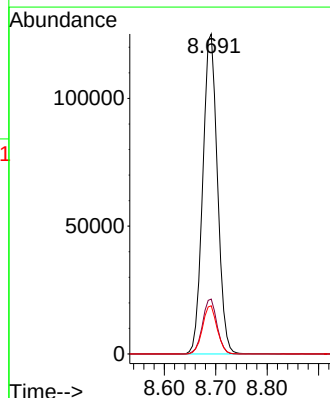
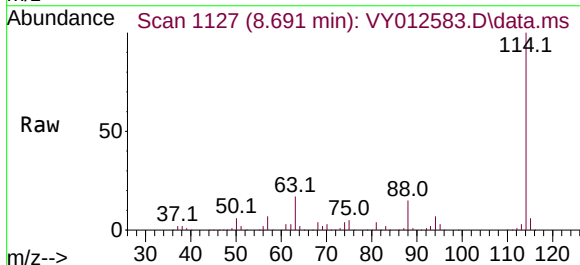
Tgt Ion: 114 Resp: 248029

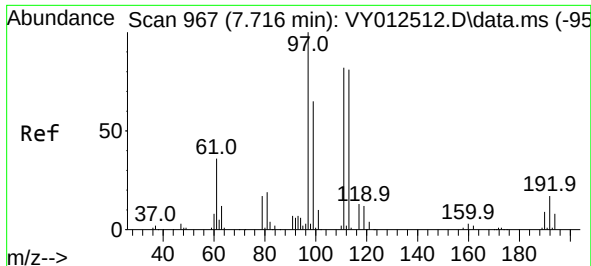
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 15.1 0.0 29.8

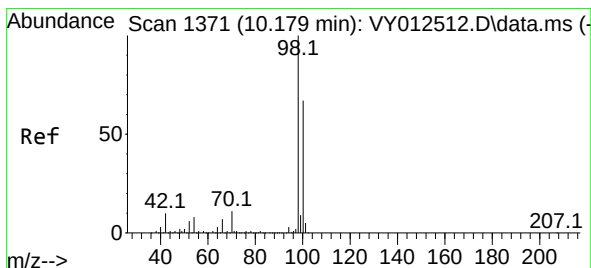
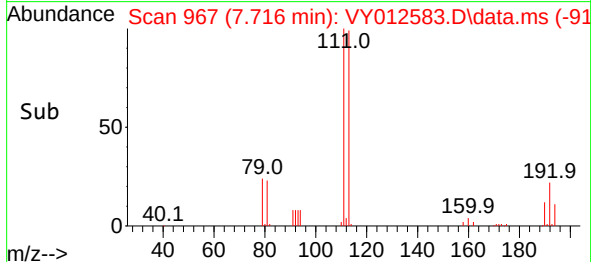
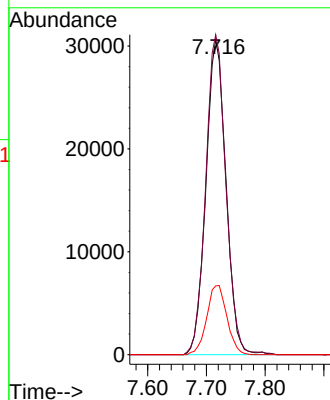
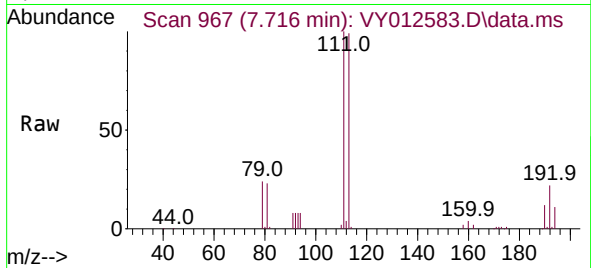




#35
Dibromofluoromethane
Concen: 40.276 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

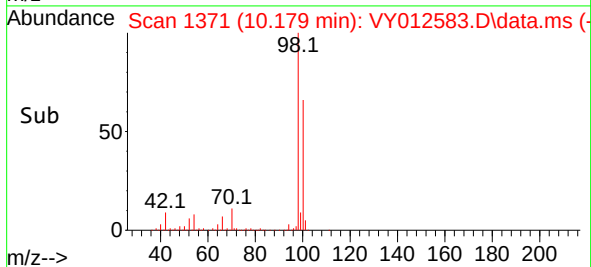
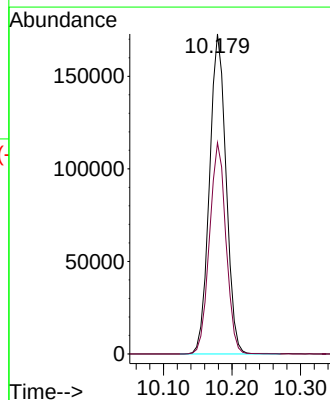
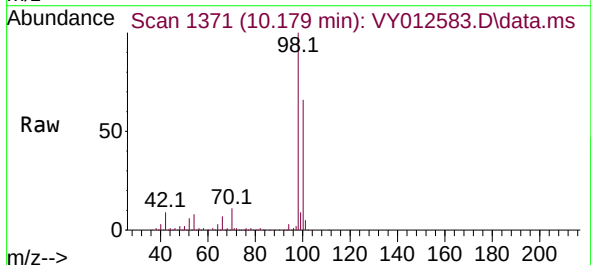
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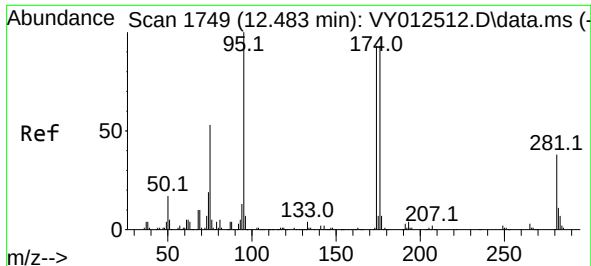
Tgt Ion:113 Resp: 72750
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 22.1 17.5 26.3



#50
Toluene-d8
Concen: 38.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

Tgt Ion: 98 Resp: 290787
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

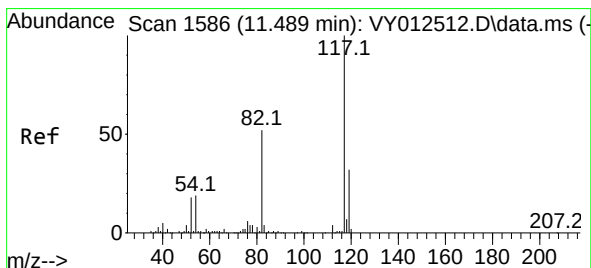
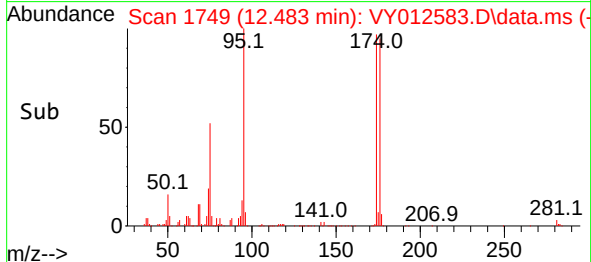
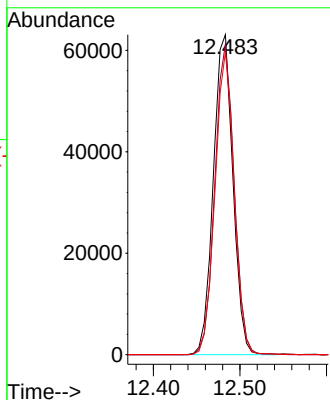
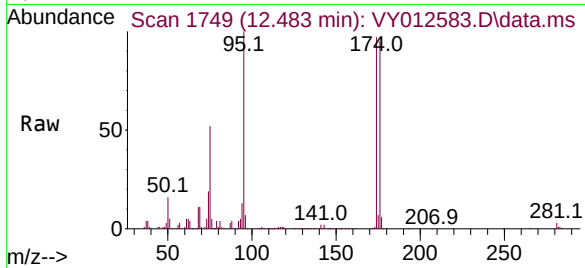




#62
4-Bromofluorobenzene
Concen: 37.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

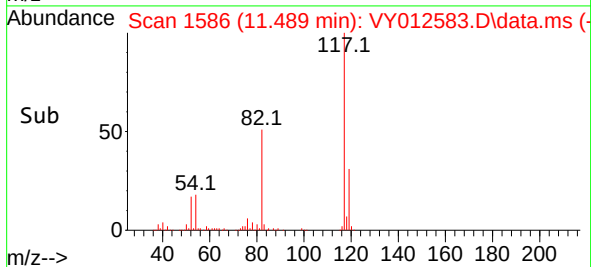
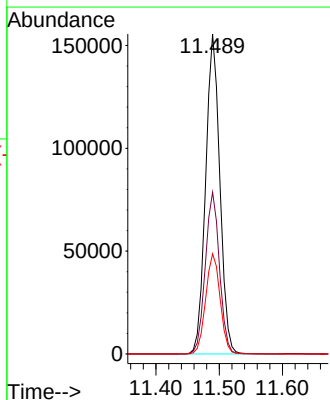
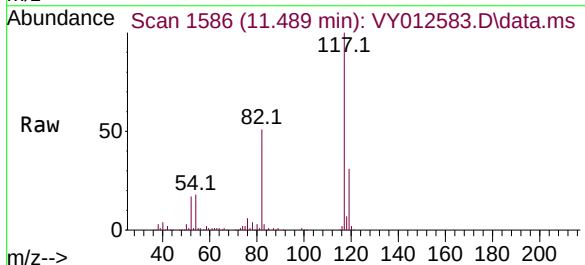
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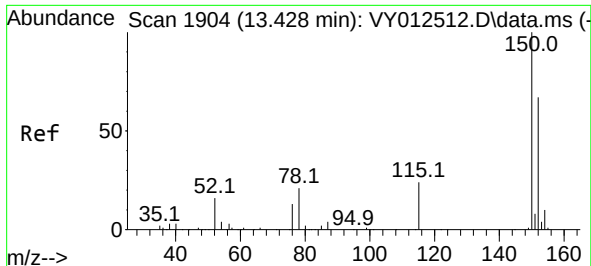
Tgt Ion:	95	Resp:	99170
Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	188.0
176	92.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012583.D
Acq: 14 Feb 2023 13:00

Tgt Ion:	117	Resp:	243130
Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.7	62.5
119	31.3	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012583.D

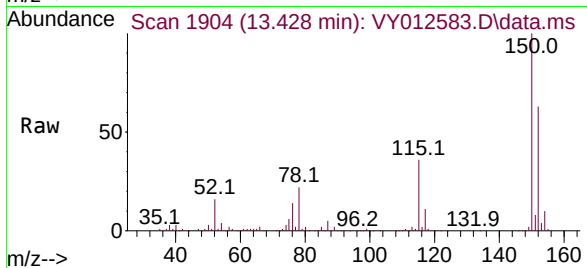
Acq: 14 Feb 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-GRAB-56



Tgt Ion:152 Resp: 115116

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 158.4 0.0 351.0

