

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012774.D
 Acq On : 02 Mar 2023 21:09
 Operator : KP/MD
 Sample : 01739-18
 Misc : 9.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-5-GRAB-7

Quant Time: Mar 03 02:00:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

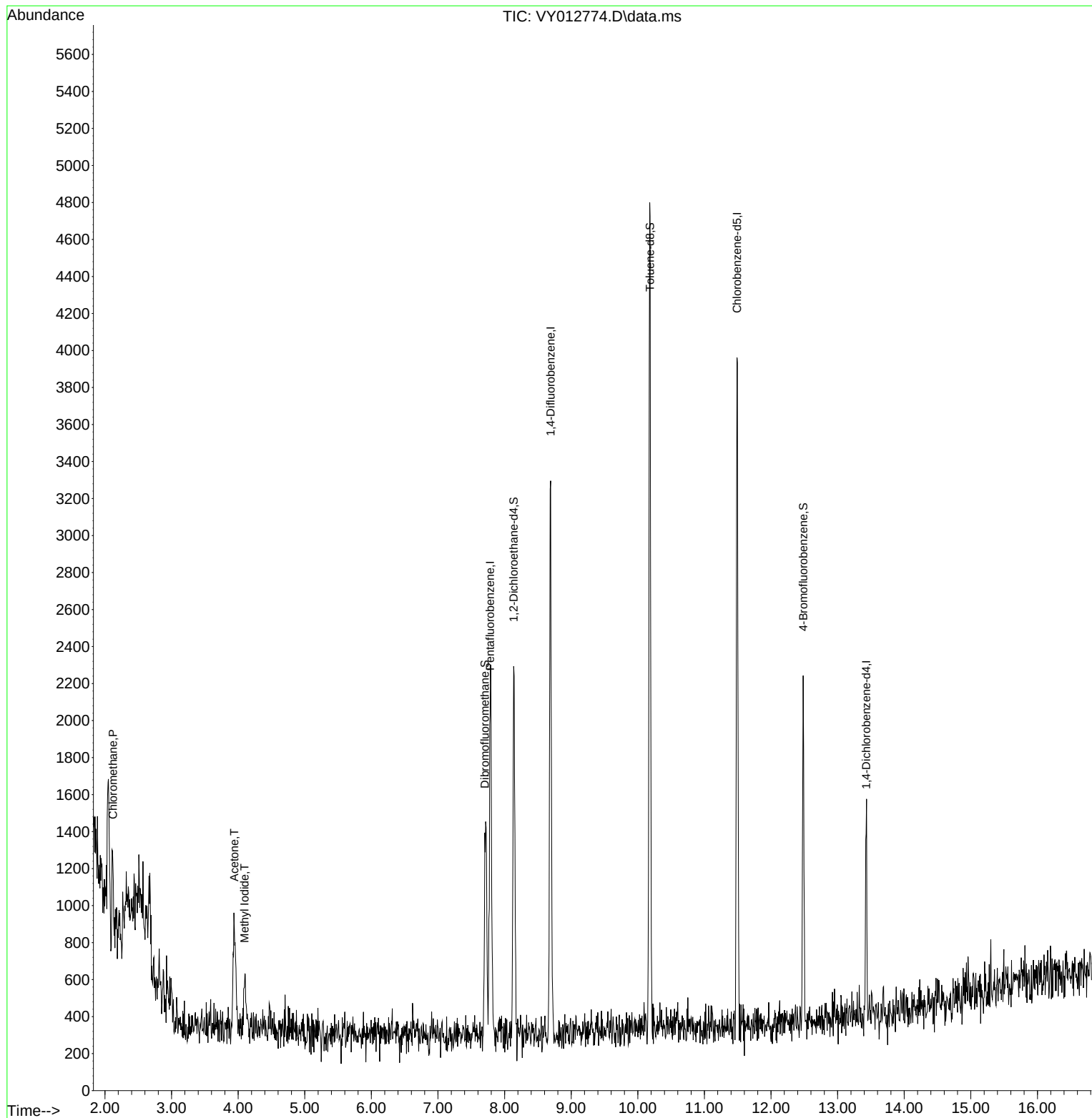
Internal Standards						
1) Pentafluorobenzene	7.783	168	2155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2233	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1417	66.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.460%
35) Dibromofluoromethane	7.704	113	450	25.406	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.820%#
50) Toluene-d8	10.185	98	3236	49.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.483	95	611	27.956	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.920%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	459	18.076	ug/l	# 76
10) Methyl Iodide	4.094	142	553	18.240	ug/l	# 90
16) Acetone	3.942	43	1136	135.267	ug/l	90

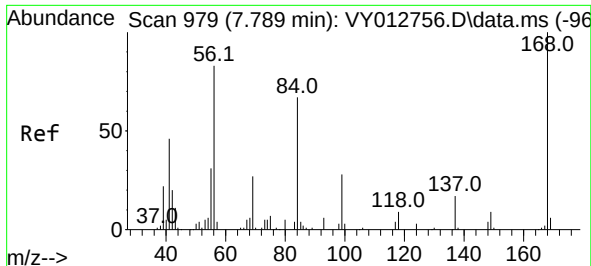
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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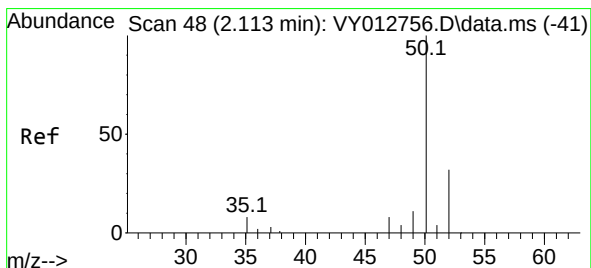
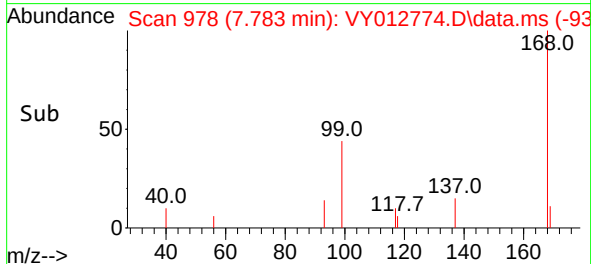
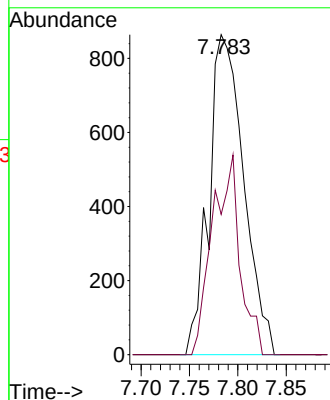
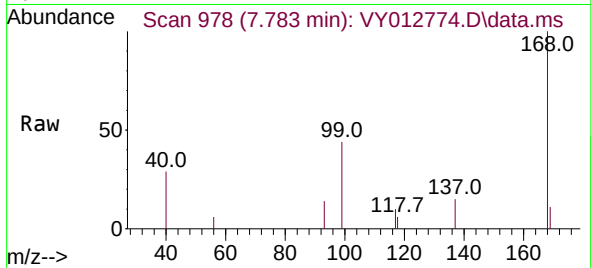




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

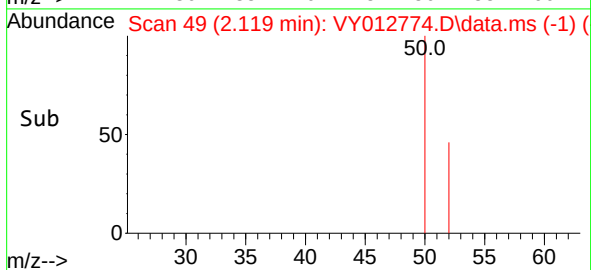
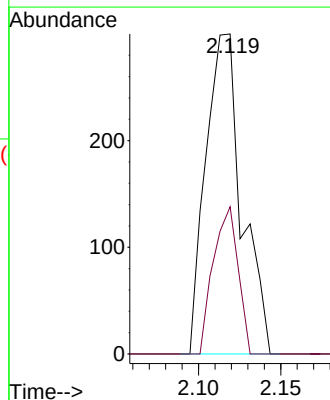
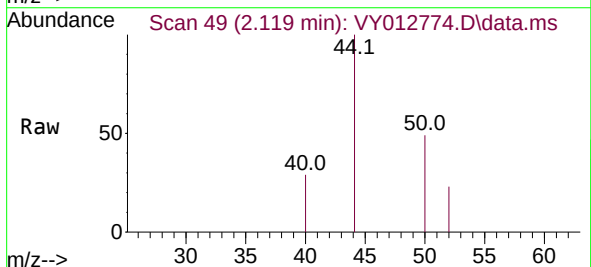
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-5-GRAB-7

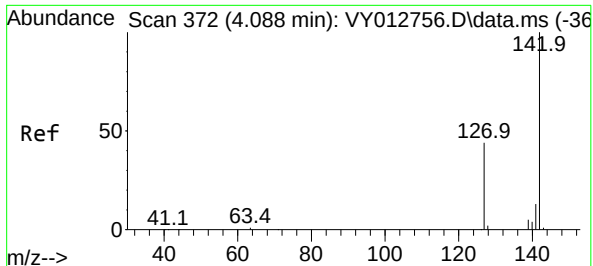
Tgt Ion:168 Resp: 2155
Ion Ratio Lower Upper
168 100
99 43.9 41.7 62.5



#3
Chloromethane
Concen: 18.076 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 46.0 26.0 39.0#

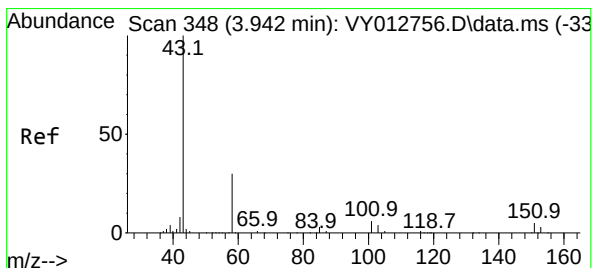
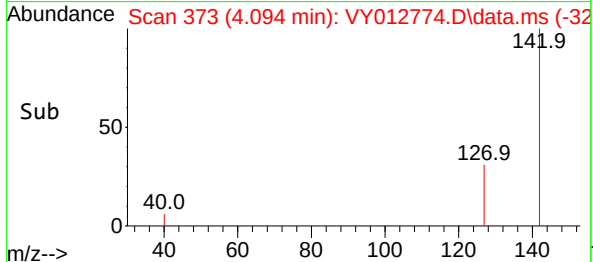
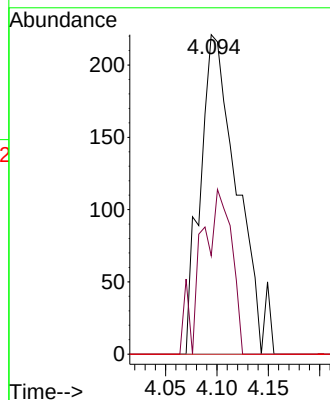
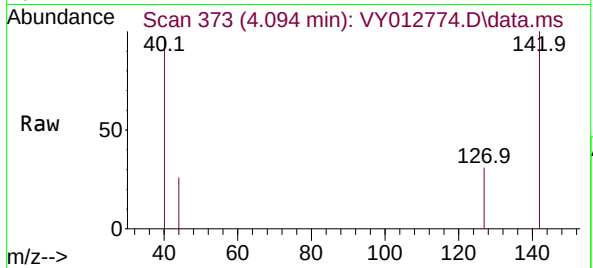




#10
Methyl Iodide
Concen: 18.240 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

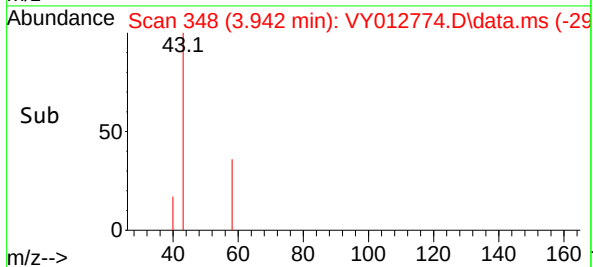
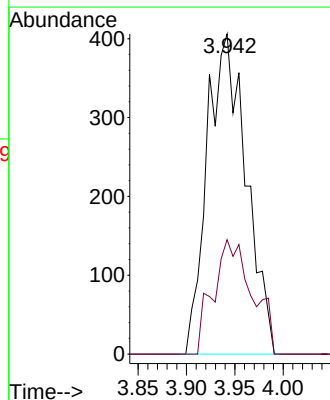
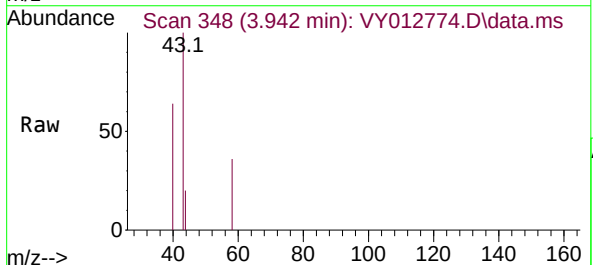
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-5-GRAB-7

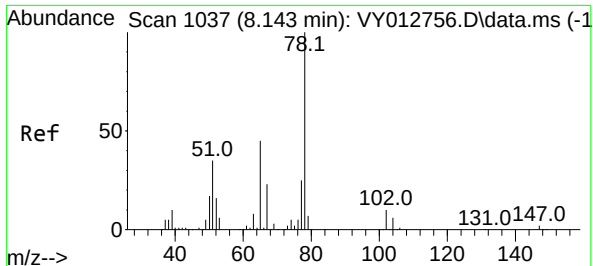
Tgt Ion:142 Resp: 553
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.2
141 0.0 11.3 16.9#



#16
Acetone
Concen: 135.267 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 35.7 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 66.226 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012774.D

Acq: 02 Mar 2023 21:09

Instrument :

MSVOA_Y

ClientSampleId :

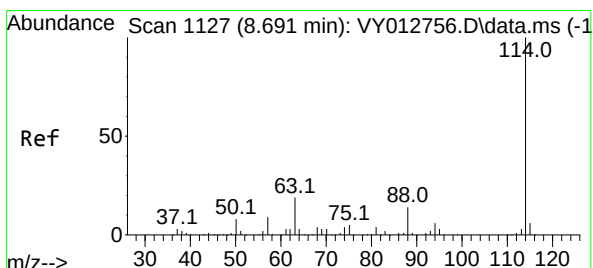
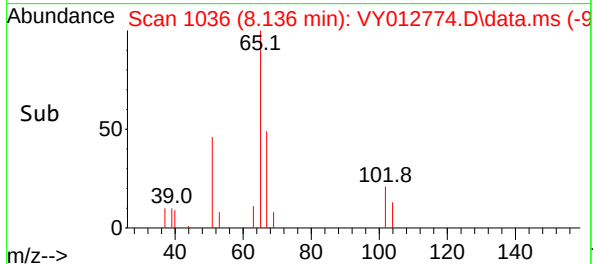
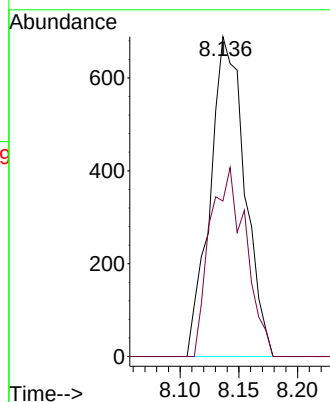
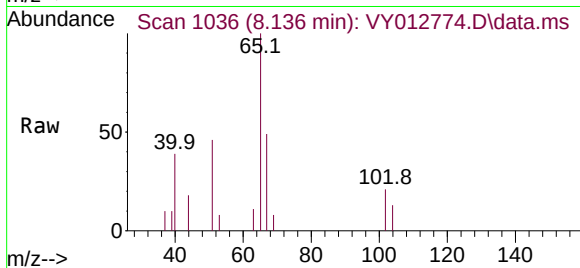
TOTAL-VOC-5-GRAB-7

Tgt Ion: 65 Resp: 1417

Ion Ratio Lower Upper

65 100

67 61.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012774.D

Acq: 02 Mar 2023 21:09

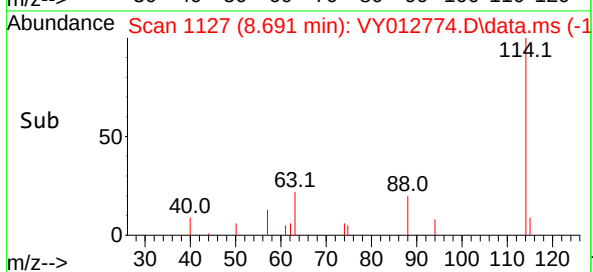
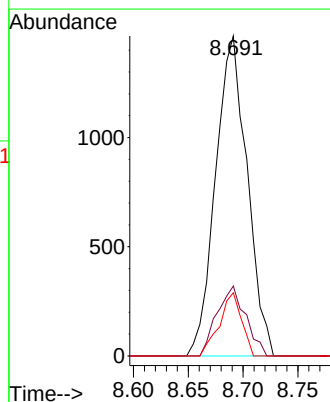
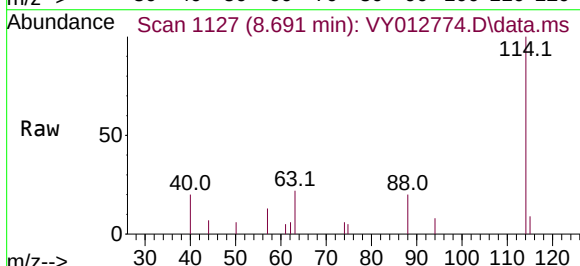
Tgt Ion: 114 Resp: 2935

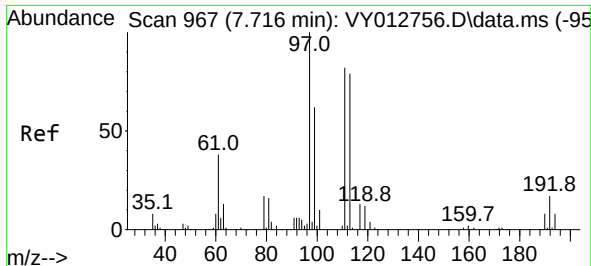
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

88 19.7 0.0 28.6

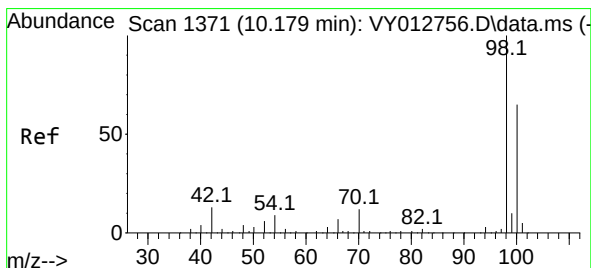
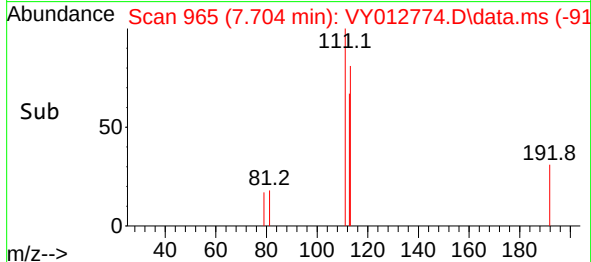
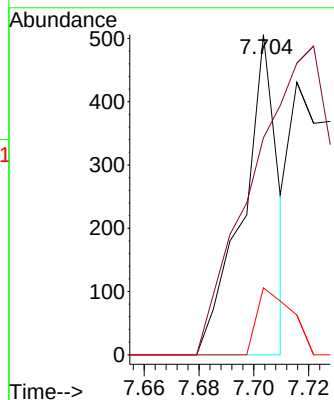
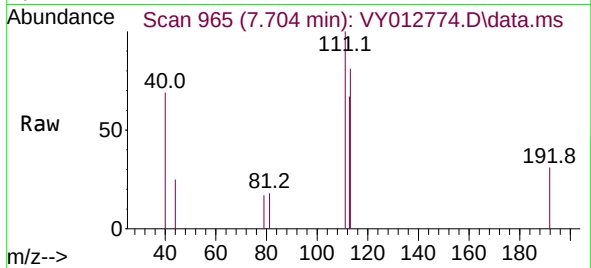




#35
Dibromofluoromethane
Concen: 25.406 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

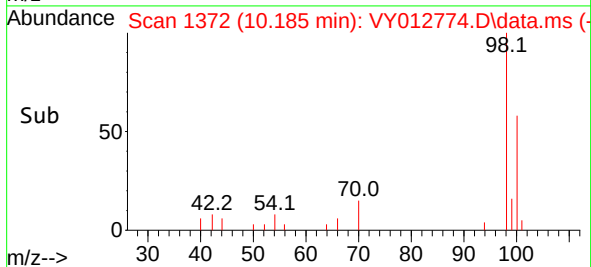
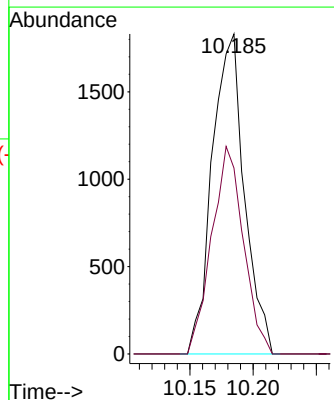
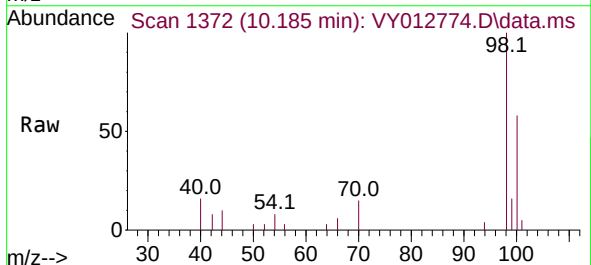
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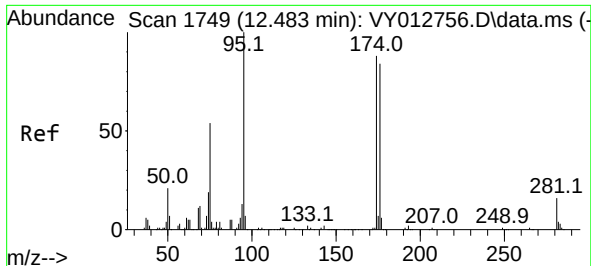
Tgt Ion:113 Resp: 450
Ion Ratio Lower Upper
113 100
111 245.3 82.2 123.2#
192 20.7 16.8 25.2



#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

Tgt Ion: 98 Resp: 3236
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

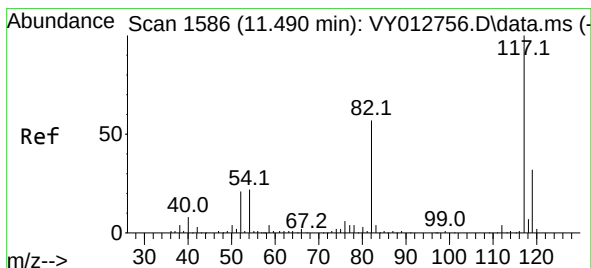
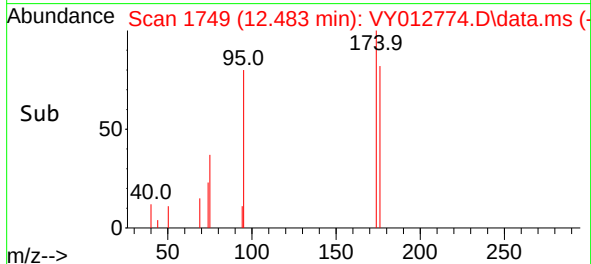
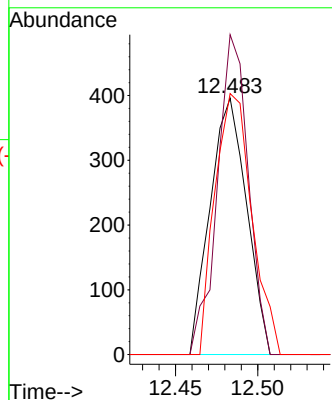
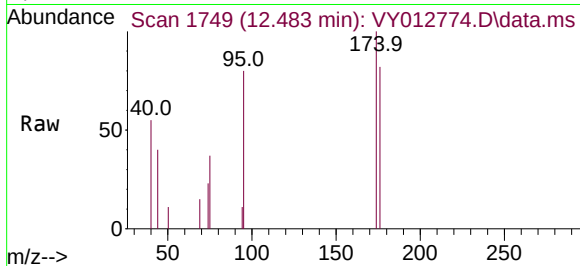




#62
4-Bromofluorobenzene
Concen: 27.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

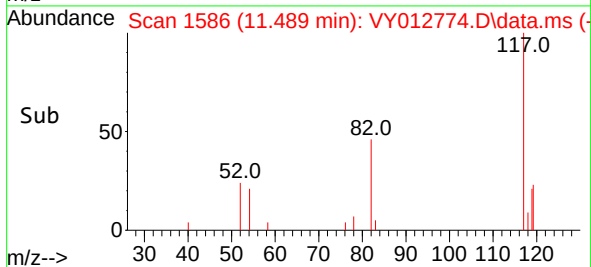
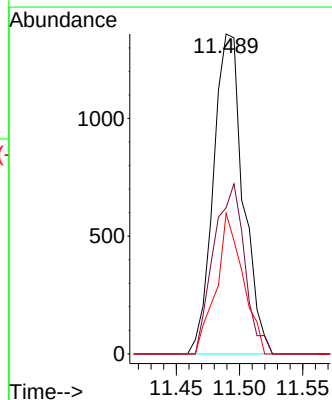
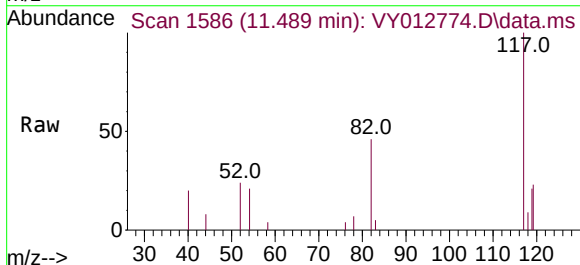
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-5-GRAB-7

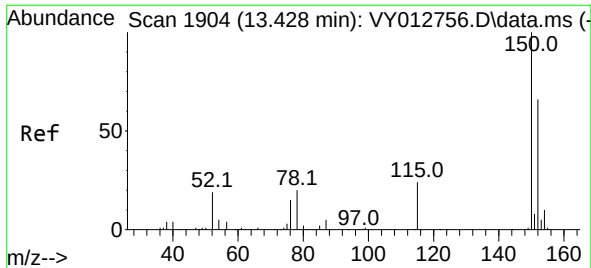
Tgt Ion:	95	Resp:	611
Ion	Ratio	Lower	Upper
95	100		
174	105.7	0.0	176.6
176	103.1	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012774.D
Acq: 02 Mar 2023 21:09

Tgt Ion:	117	Resp:	2233
Ion	Ratio	Lower	Upper
117	100		
82	45.7	45.4	68.0
119	43.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012774.D

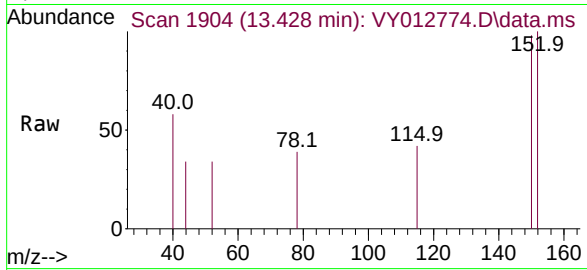
Acq: 02 Mar 2023 21:09

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-5-GRAB-7



Tgt Ion:152 Resp: 413

Ion Ratio Lower Upper

152 100

115 51.1 27.1 81.3

150 152.1 0.0 347.8

