

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012773.D
 Acq On : 02 Mar 2023 20:47
 Operator : KP/MD
 Sample : 01739-12
 Misc : 9.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-4-GRAB-8

Quant Time: Mar 03 02:00:29 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)

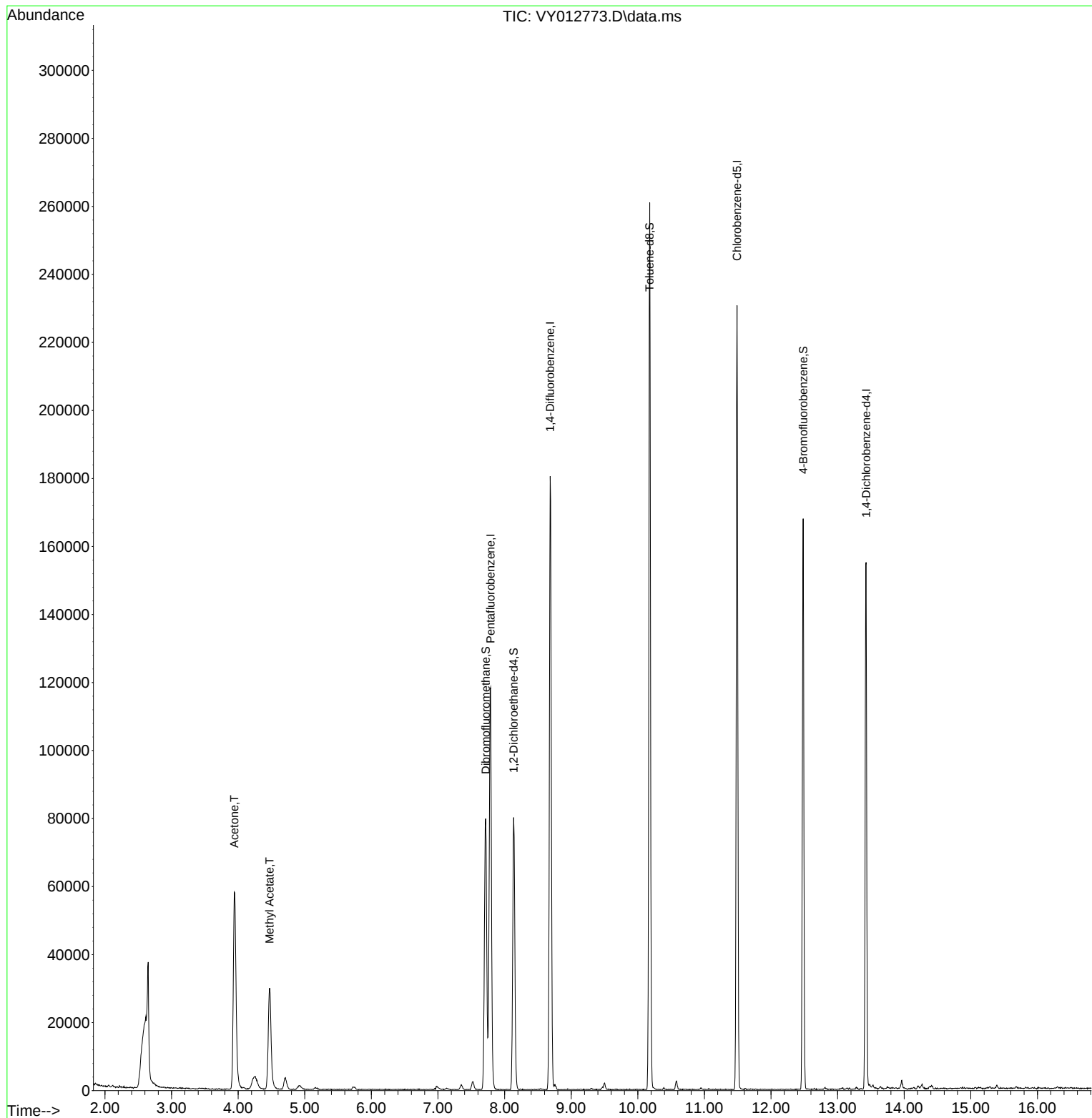
Internal Standards						
1) Pentafluorobenzene	7.789	168	94075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62936	67.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.760%			
35) Dibromofluoromethane	7.716	113	58210	62.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.780%			
50) Toluene-d8	10.179	98	165450	48.507	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.020%			
62) 4-Bromofluorobenzene	12.483	95	48947	42.517	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.040%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	107905	294.325	ug/l	99
18) Methyl Acetate	4.472	43	61235	56.087	ug/l	99

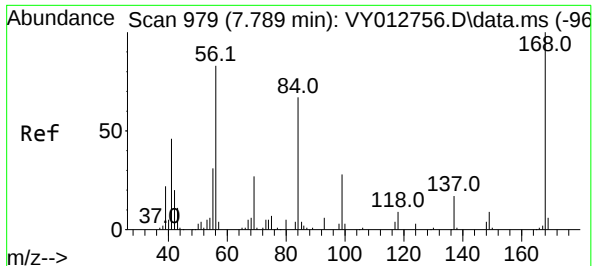
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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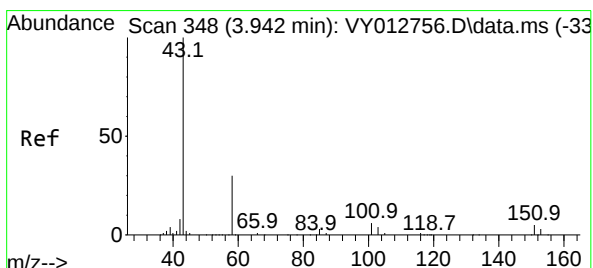
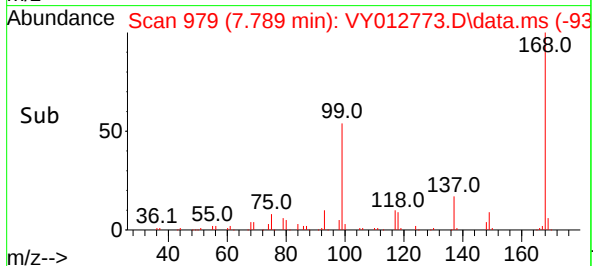
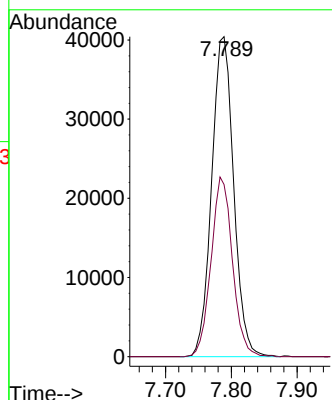
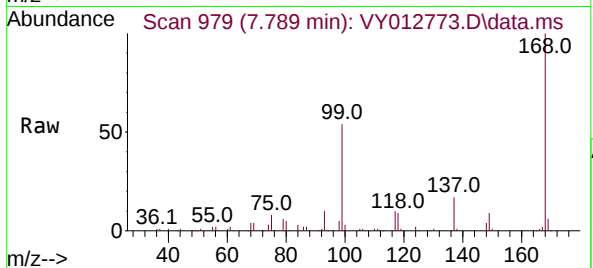




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

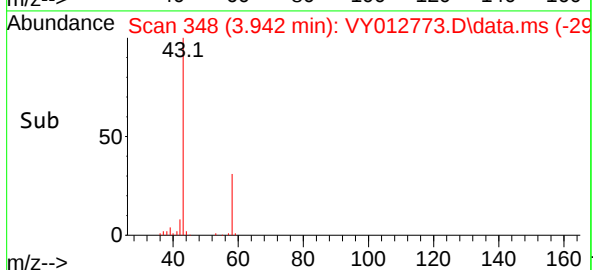
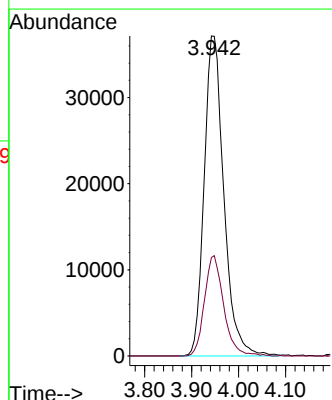
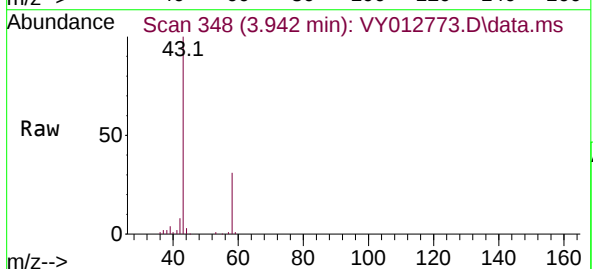
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-4-GRAB-8

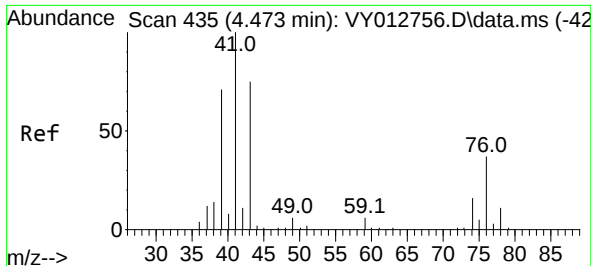
Tgt Ion:168 Resp: 94075
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#16
Acetone
Concen: 294.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

Tgt Ion: 43 Resp: 107905
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.2

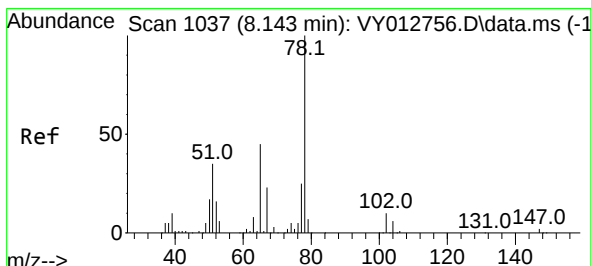
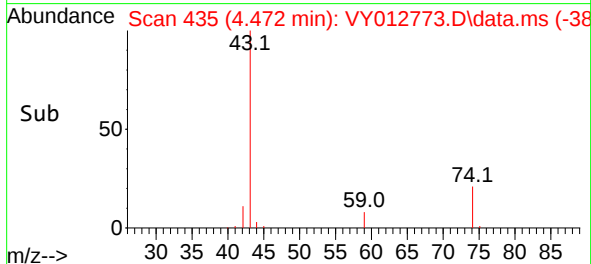
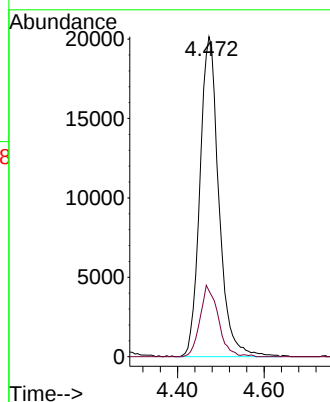
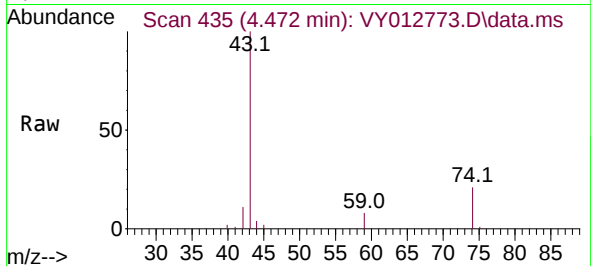




#18
Methyl Acetate
Concen: 56.087 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

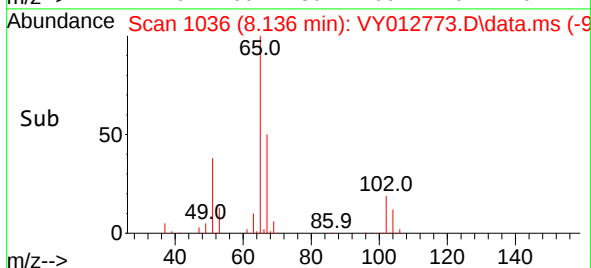
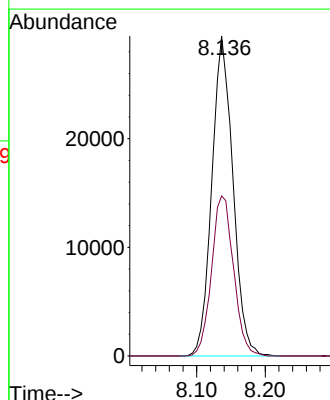
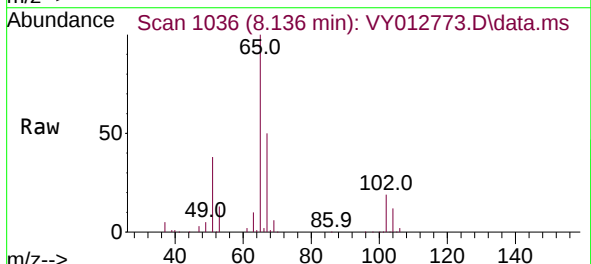
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-4-GRAB-8

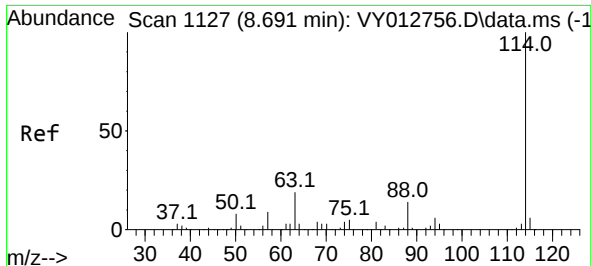
Tgt Ion: 43 Resp: 61235
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 67.380 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

Tgt Ion: 65 Resp: 62936
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012773.D

Acq: 02 Mar 2023 20:47

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-4-GRAB-8

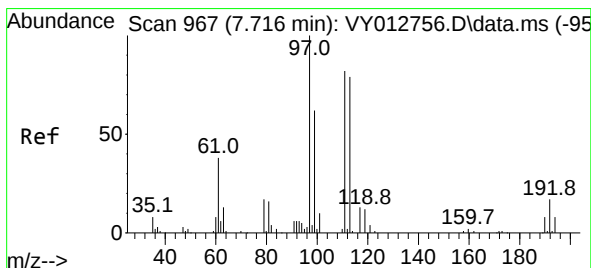
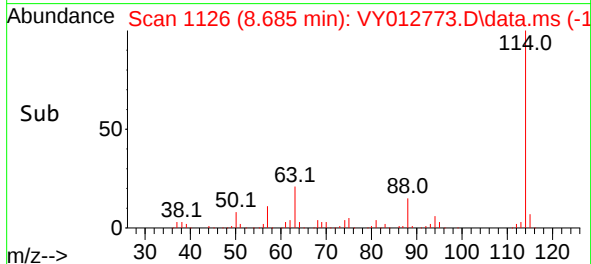
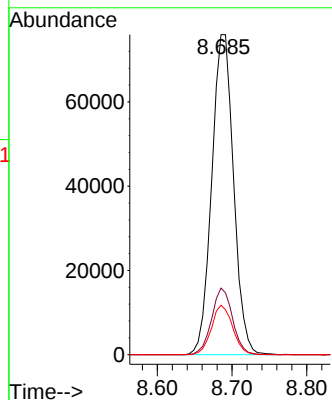
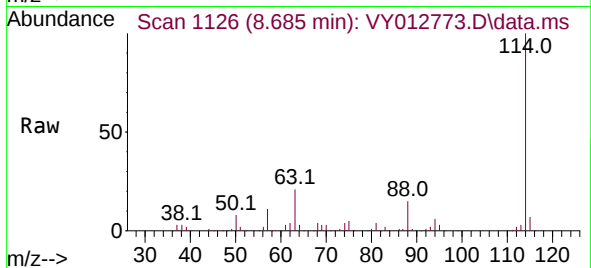
Tgt Ion:114 Resp: 154598

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 62.390 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012773.D

Acq: 02 Mar 2023 20:47

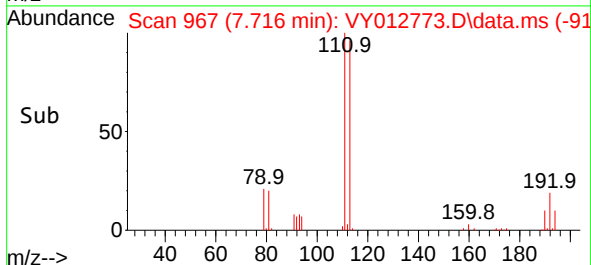
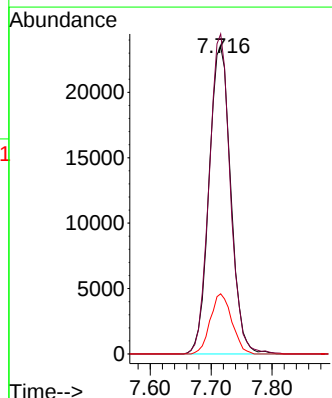
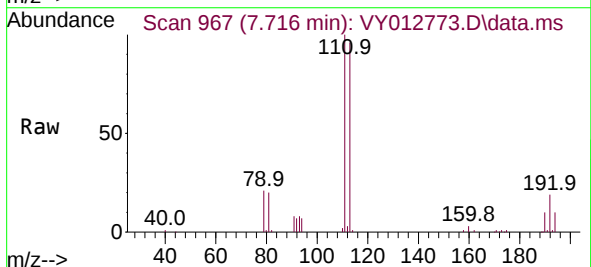
Tgt Ion:113 Resp: 58210

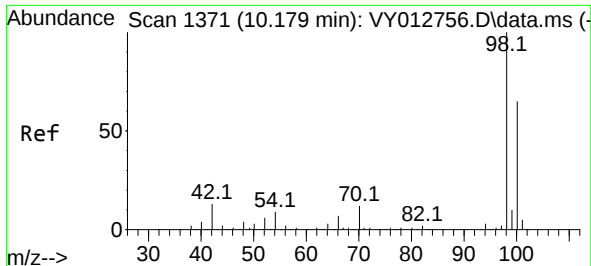
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 19.4 16.8 25.2

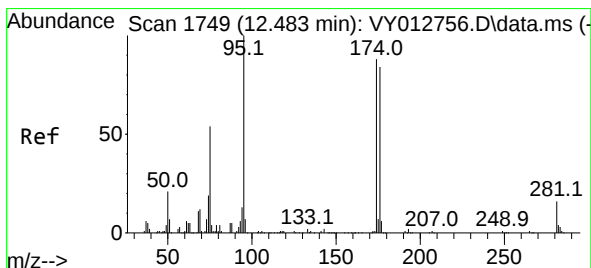
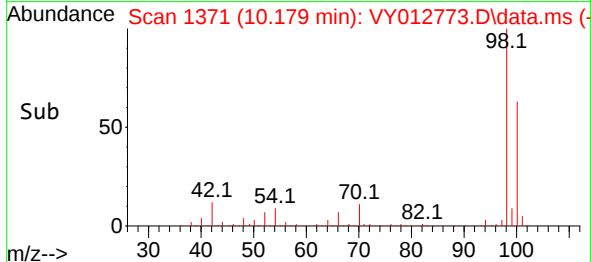
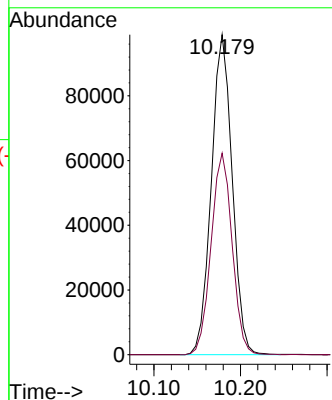
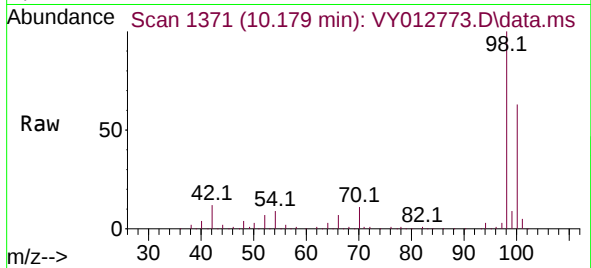




#50
Toluene-d8
Concen: 48.507 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

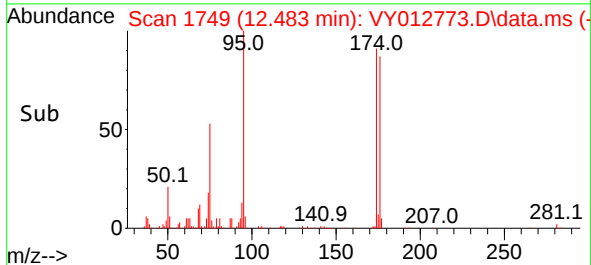
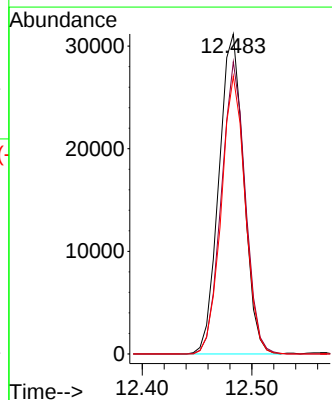
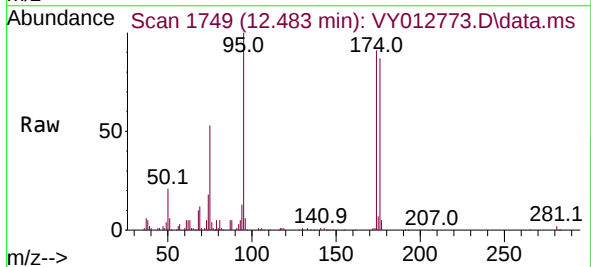
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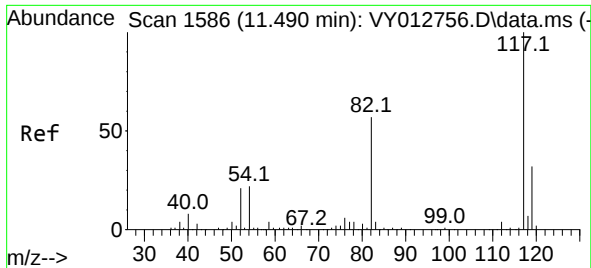
Tgt Ion: 98 Resp: 165450
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

Tgt Ion: 95 Resp: 48947
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 83.5 0.0 170.2

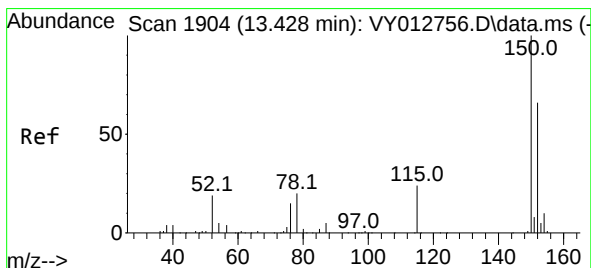
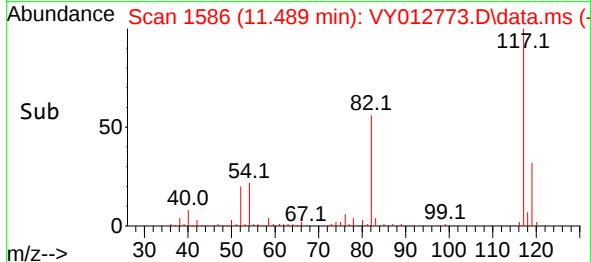
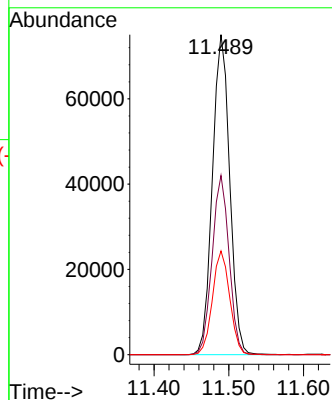
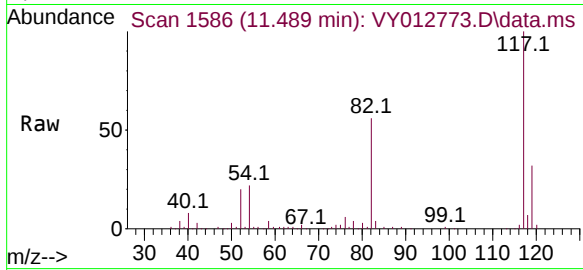




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012773.D
Acq: 02 Mar 2023 20:47

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-4-GRAB-8

Tgt Ion:117 Resp: 120690
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.4 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: VY012773.D
Acq: 02 Mar 2023 20:47

Tgt Ion:152 Resp: 40707
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.3
150 158.1 0.0 347.8

