

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012848.D
 Acq On : 07 Mar 2023 16:32
 Operator : KP/MD
 Sample : 01825-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 07 23:44:30 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

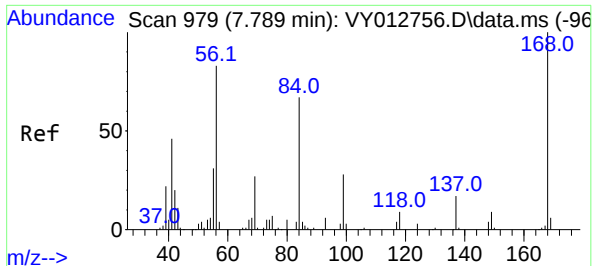
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	24570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13071	53.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.160%			
35) Dibromofluoromethane	7.716	113	12874	61.581	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.160%			
50) Toluene-d8	10.185	98	41424	54.200	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.483	95	9577	37.126	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.260%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	141	Below Cal	#	74
16) Acetone	3.942	43	207	2.162	ug/l #	44
25) 2-Butanone	6.972	43	373	3.145	ug/l #	49
31) Cyclohexane	7.783	56	550	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1835	5.238	ug/l #	47
37) Ethyl Acetate	6.972	43	373	1.689	ug/l #	47
38) Carbon Tetrachloride	7.795	117	2287	6.322	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5067	40.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5067	84.815	ug/l #	13

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

Quant Time: Mar 07 23:44:30 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

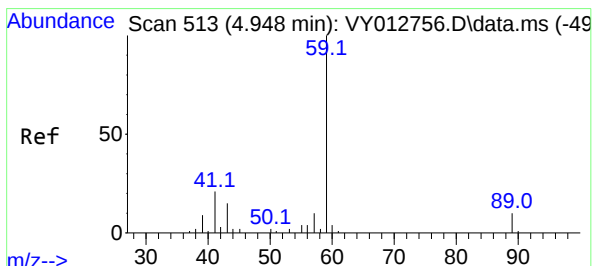
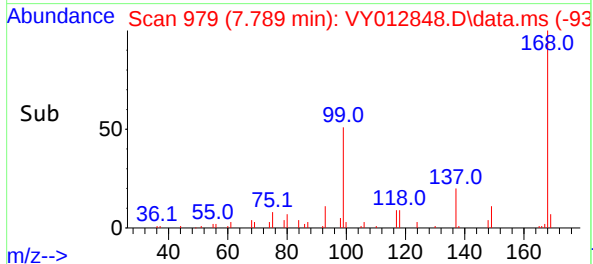
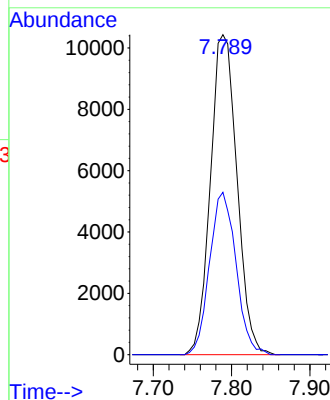
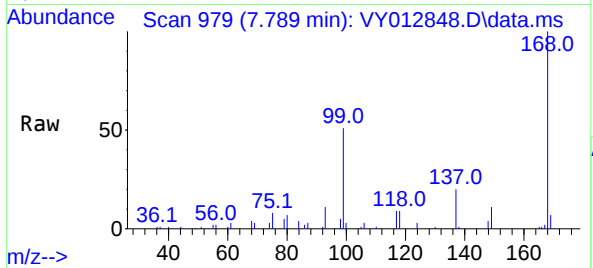




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

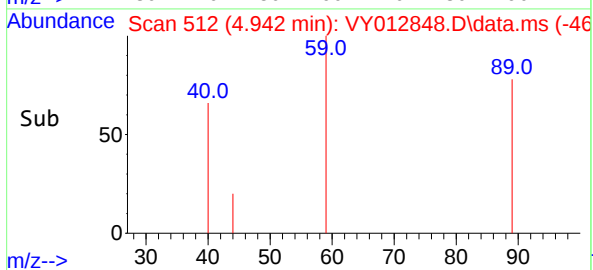
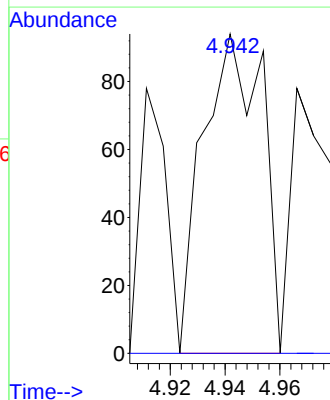
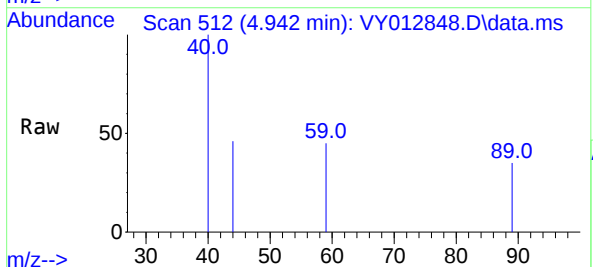
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

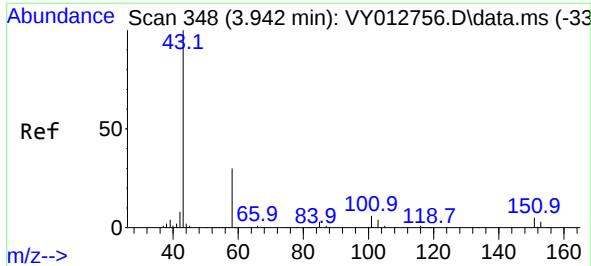
Tgt Ion:168 Resp: 24570
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.162 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

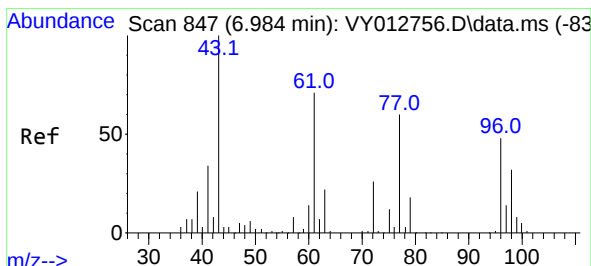
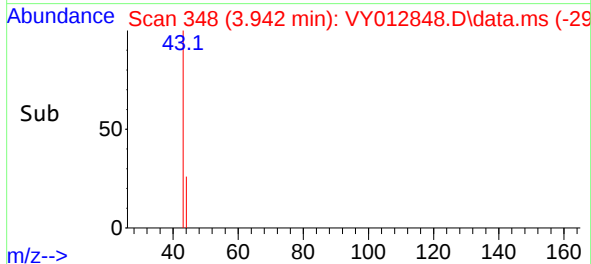
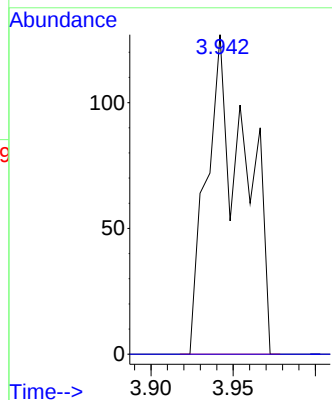
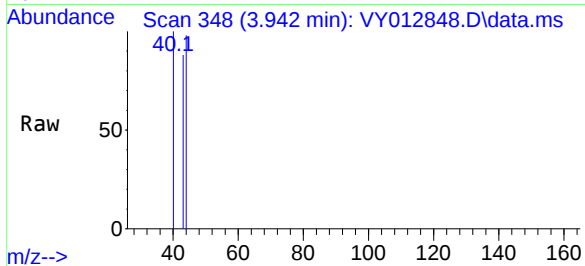
HH-TP3-0306

Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#25

2-Butanone

Concen: 3.145 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY012848.D

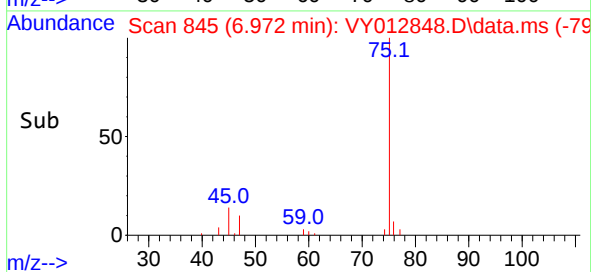
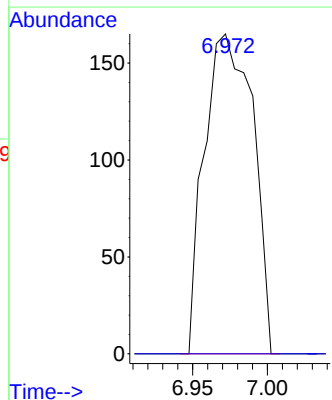
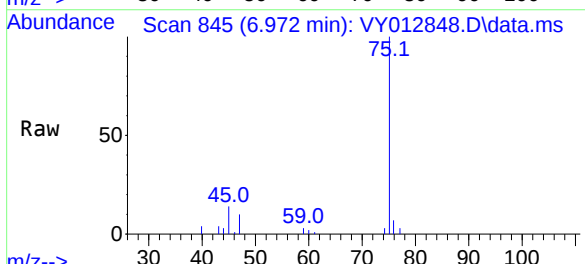
Acq: 07 Mar 2023 16:32

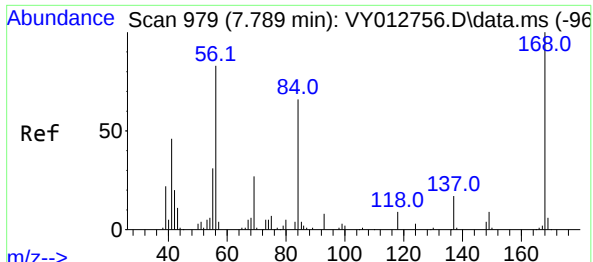
Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

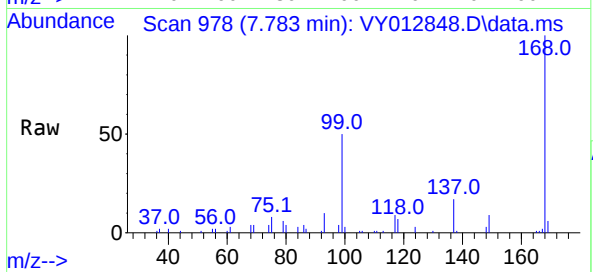
72 0.0 21.0 31.4#



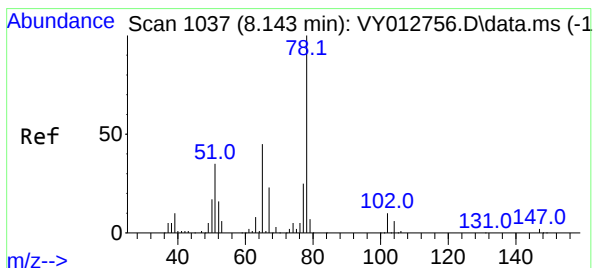
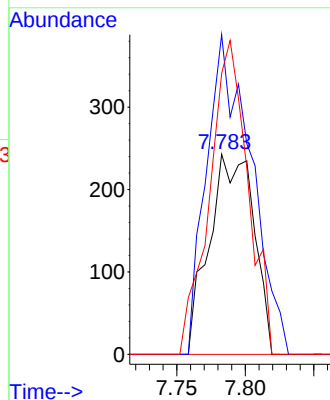
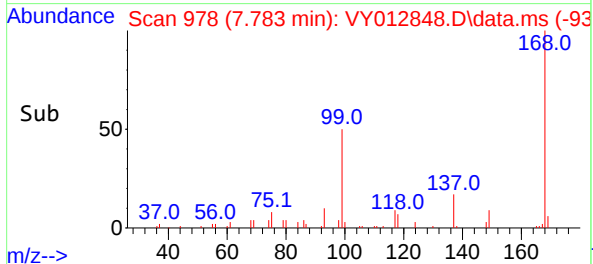


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

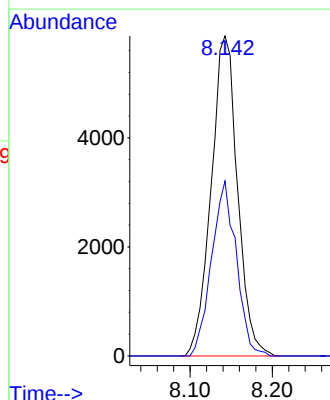
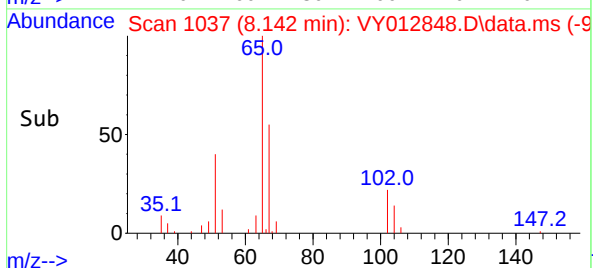
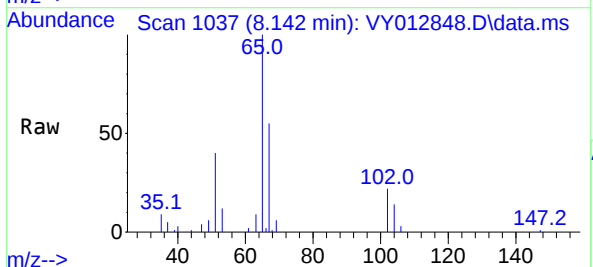


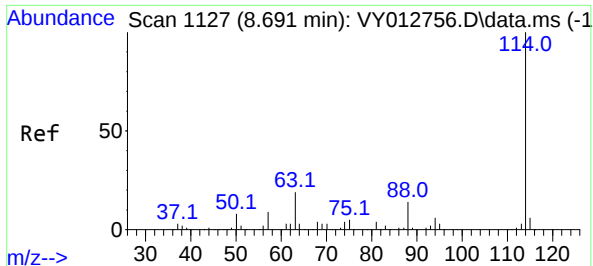
Tgt Ion: 56 Resp: 550
Ion Ratio Lower Upper
56 100
69 159.7 25.7 38.5#
84 140.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion: 65 Resp: 13071
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



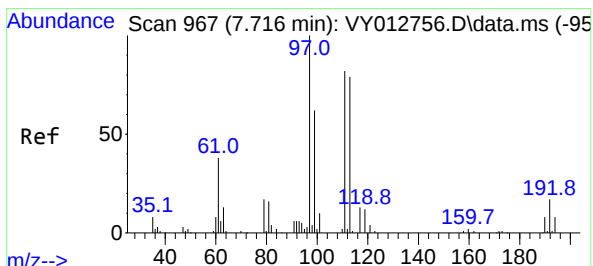
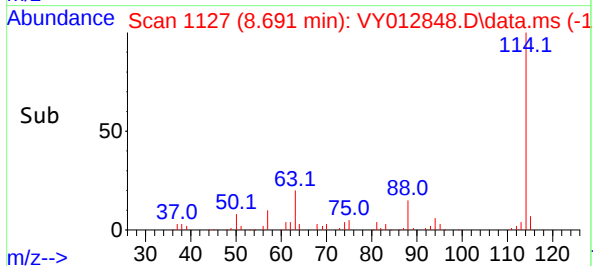
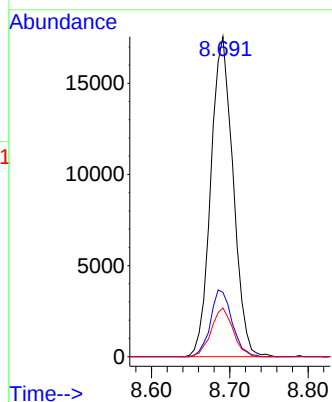
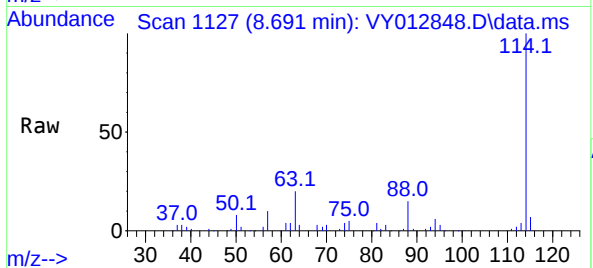


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

Tgt Ion:114 Resp: 34641

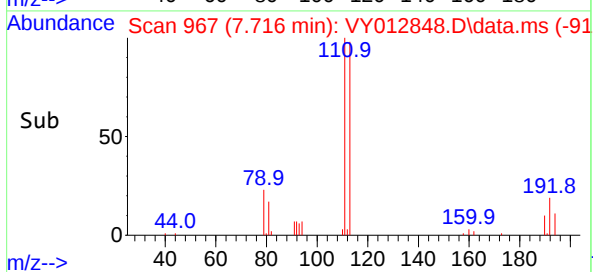
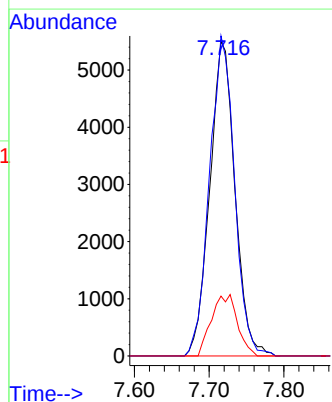
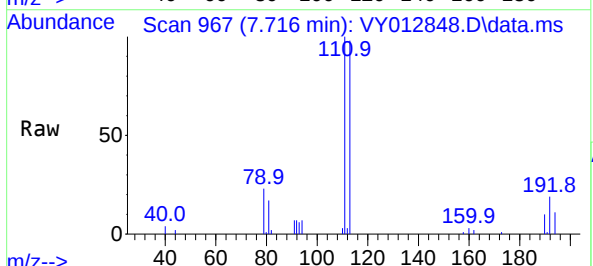
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.4
88	15.3	0.0	28.6

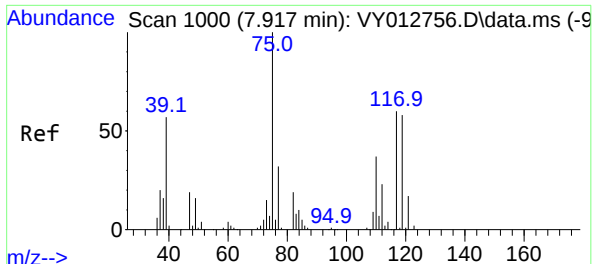


#35
Dibromofluoromethane
Concen: 61.581 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion:113 Resp: 12874

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	20.1	16.8	25.2





#36

1,1-Dichloropropene

Concen: 5.238 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP3-0306

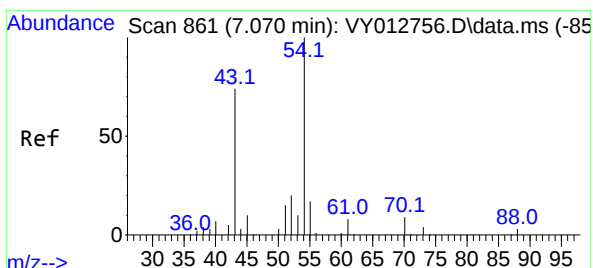
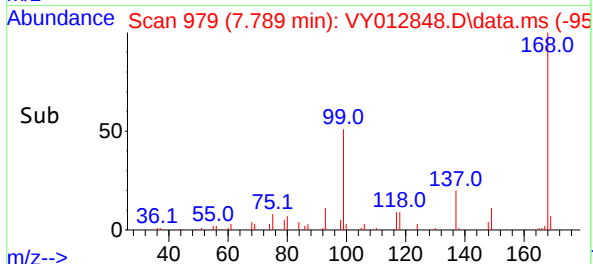
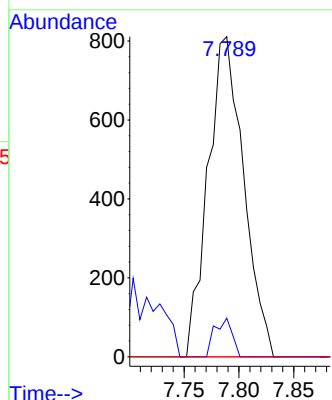
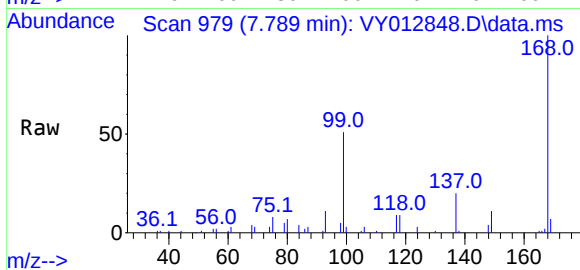
Tgt Ion: 75 Resp: 1835

Ion Ratio Lower Upper

75 100

110 5.9 17.8 53.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.689 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY012848.D

Acq: 07 Mar 2023 16:32

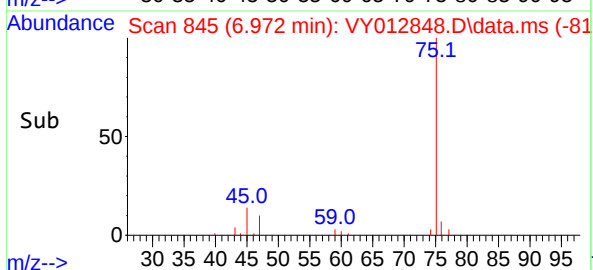
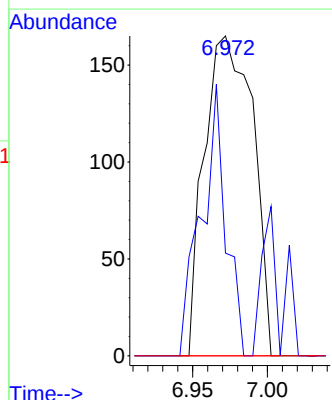
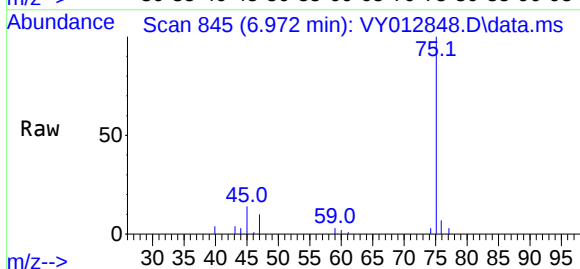
Tgt Ion: 43 Resp: 373

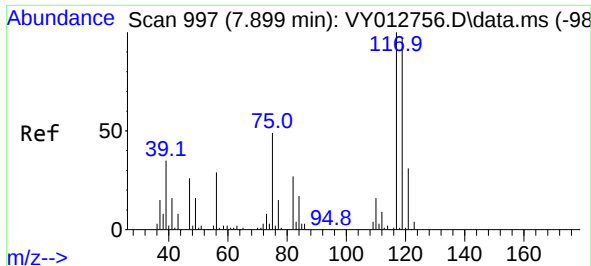
Ion Ratio Lower Upper

43 100

61 42.6 10.7 16.1#

70 0.0 7.8 11.8#

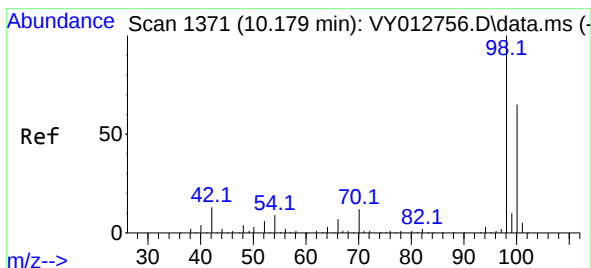
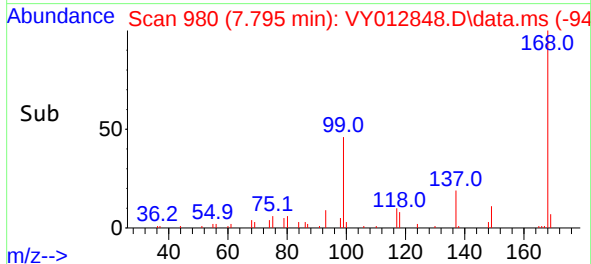
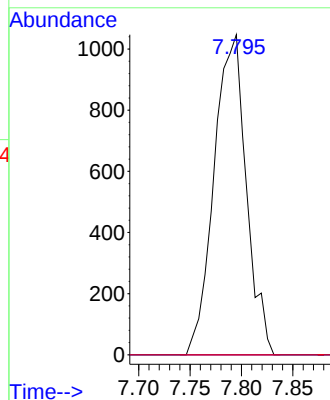
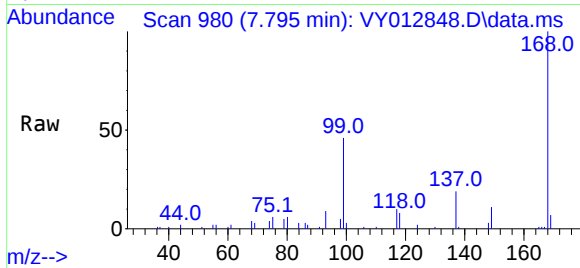




#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

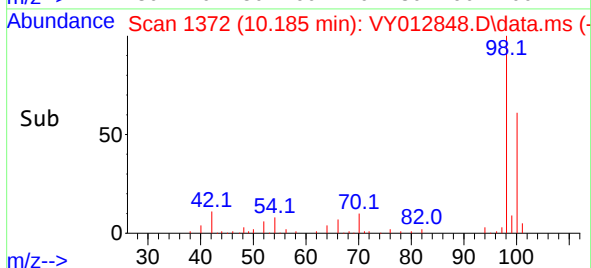
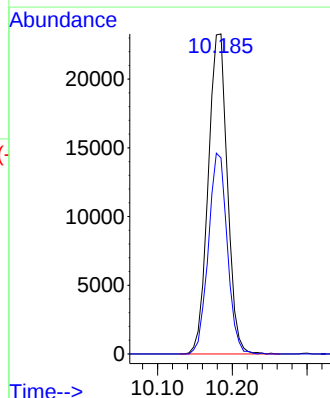
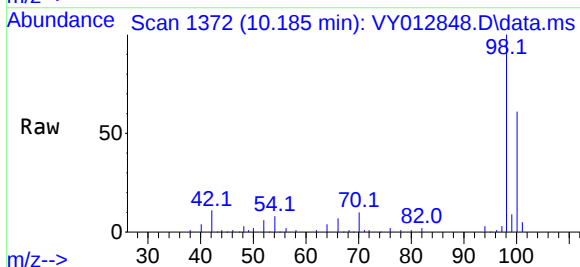
Instrument :
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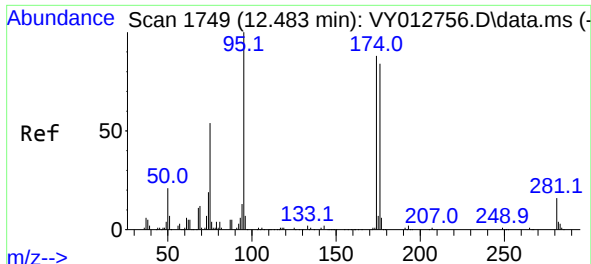
Tgt Ion:117 Resp: 2287
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.200 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion: 98 Resp: 41424
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

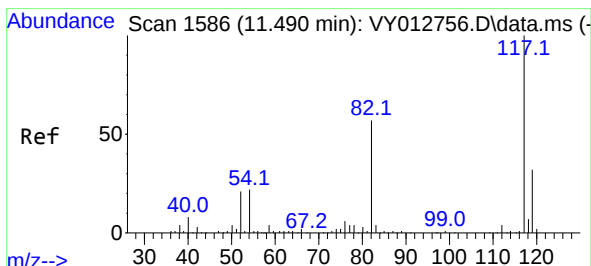
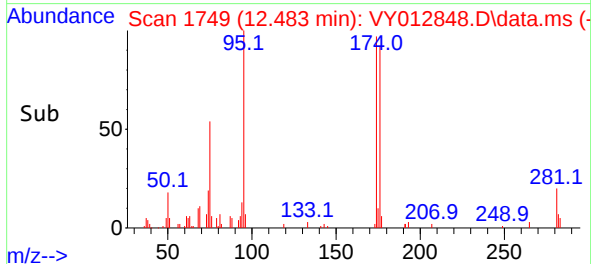
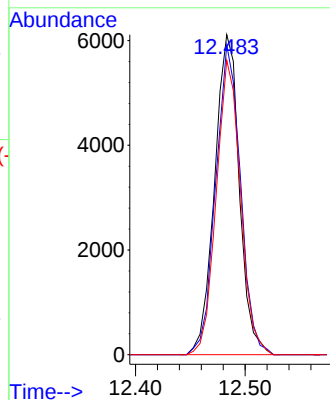
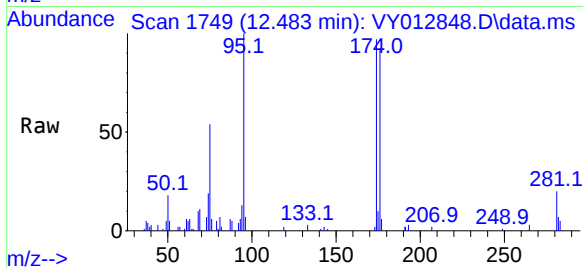




#62
4-Bromofluorobenzene
Concen: 37.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

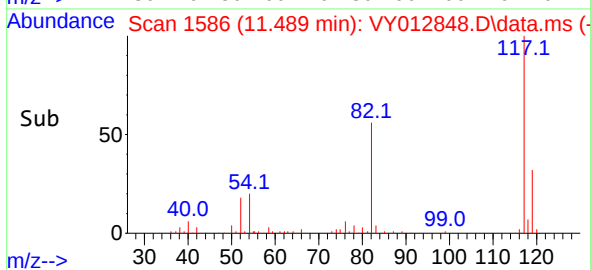
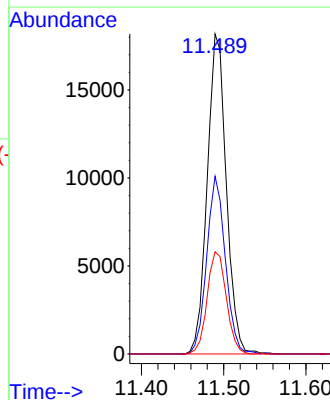
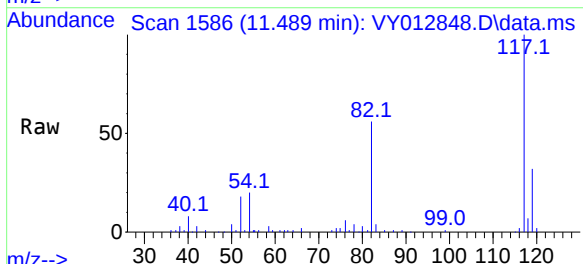
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

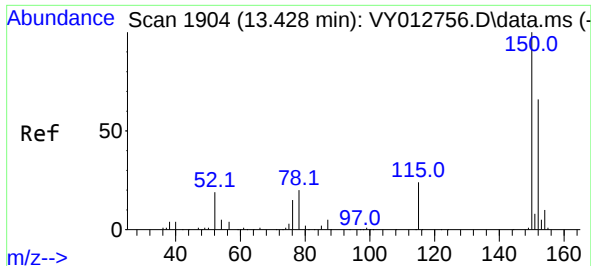
Tgt Ion:	95	Resp:	9577
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	176.6
176	90.1	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion:	117	Resp:	29340
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	31.9	25.6	38.4

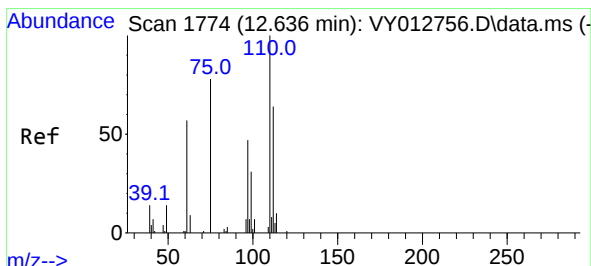
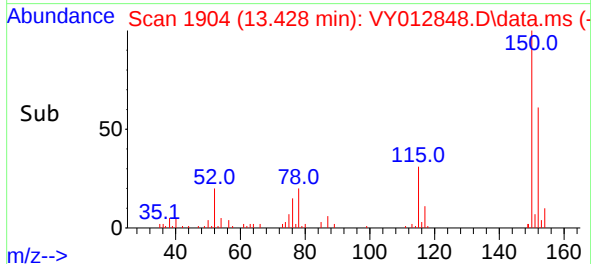
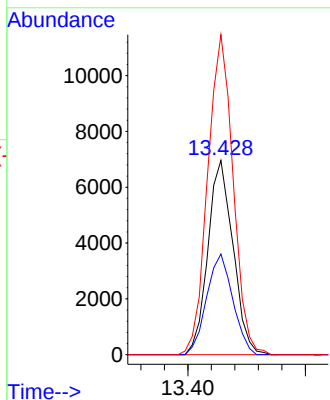
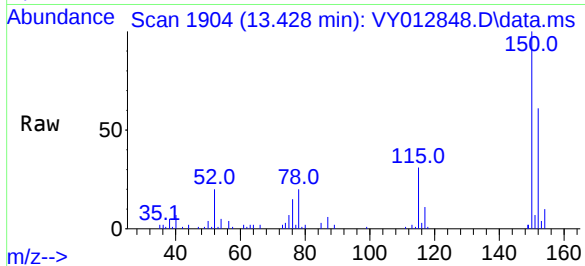




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

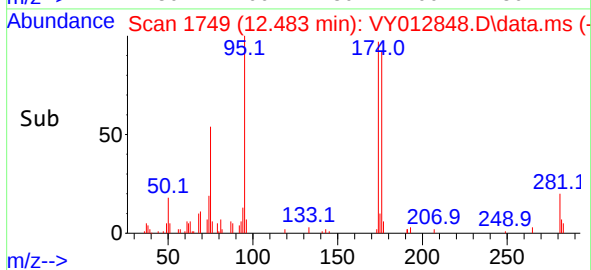
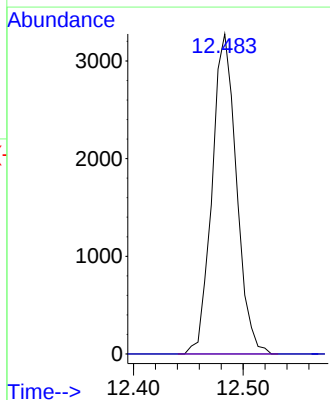
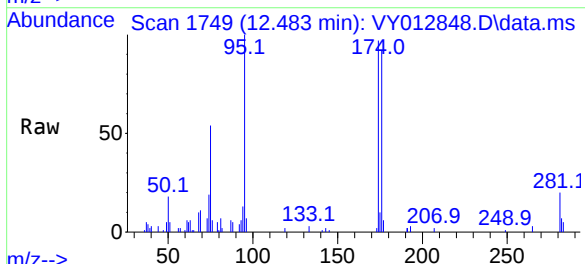
Instrument : MSVOA_Y
ClientSampleId : HH-TP3-0306

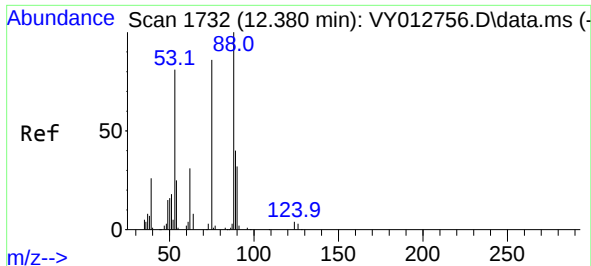
Tgt Ion:	152	Resp:	10366
Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.3
150	166.4	0.0	347.8



#76
1,2,3-Trichloropropane
Concen: 40.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Tgt Ion:	75	Resp:	5067
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 84.815 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012848.D
Acq: 07 Mar 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306

Tgt Ion: 75 Resp: 5067
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

