

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008598.D
 Acq On : 03 May 2022 17:39
 Operator : KP/MD
 Sample : N2618-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04

Quant Time: May 04 02:43:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

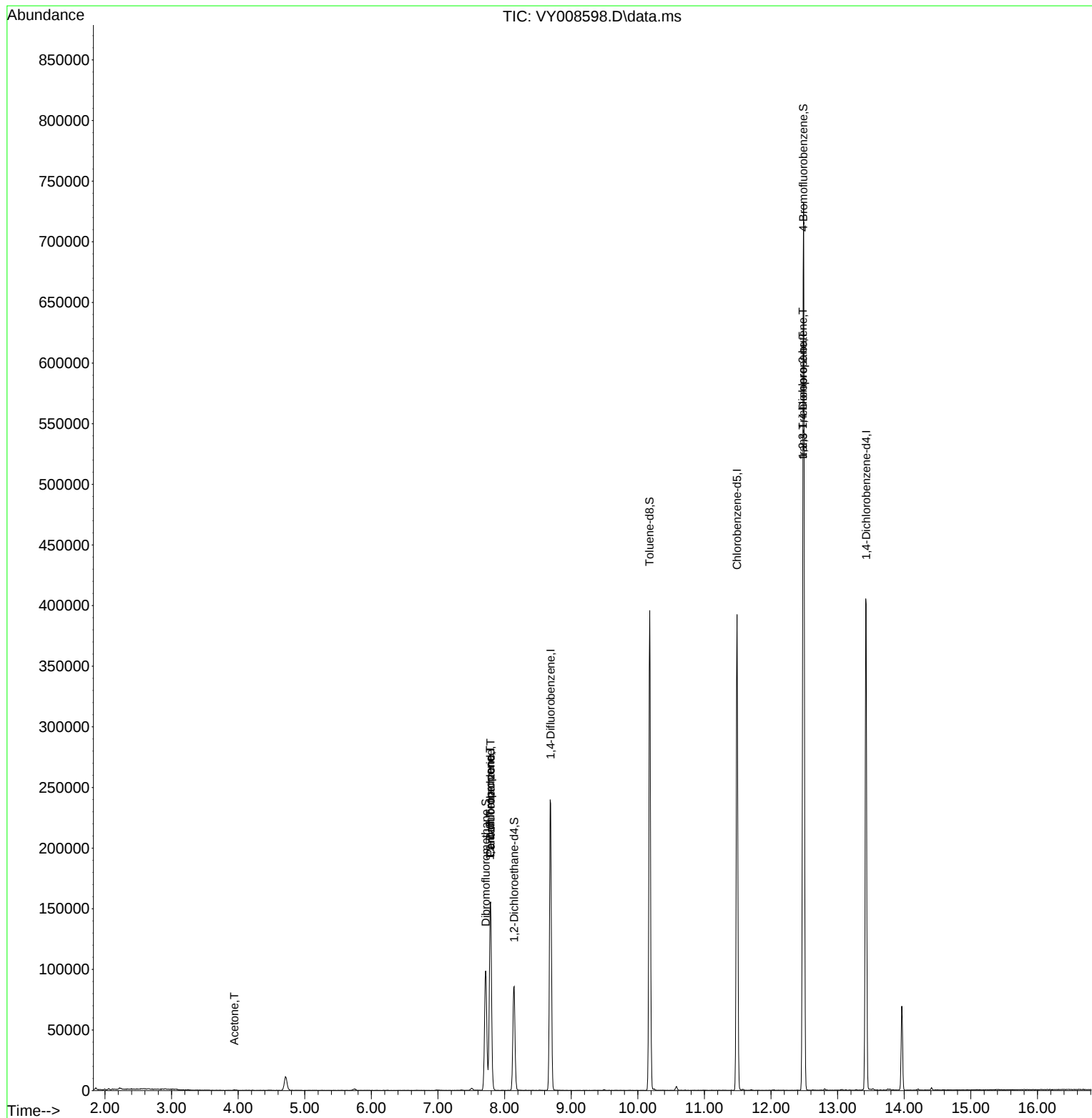
Internal Standards						
1) Pentafluorobenzene	7.789	168	134461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67074	51.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.640%	
35) Dibromofluoromethane	7.716	113	72786	48.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.200%	
50) Toluene-d8	10.179	98	270428	50.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.483	95	100754	51.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	161	Below Cal	#	42
11) Tert butyl alcohol	4.972	59	22	Below Cal	#	77
16) Acetone	3.942	43	765	2.717	ug/l #	84
18) Methyl Acetate	4.472	43	222	Below Cal	#	56
20) Methylene Chloride	4.710	84	9423	Below Cal	#	72
36) 1,1-Dichloropropene	7.783	75	8416	3.577	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11888	4.429	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51342	41.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51342	84.802	ug/l #	8

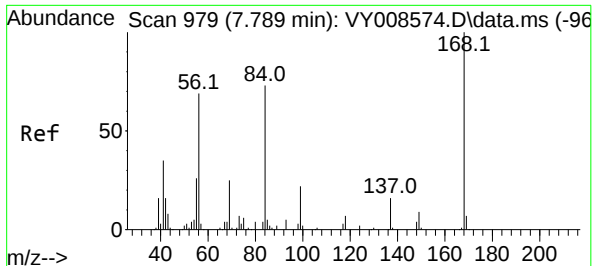
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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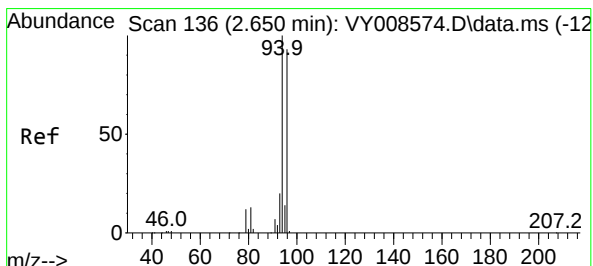
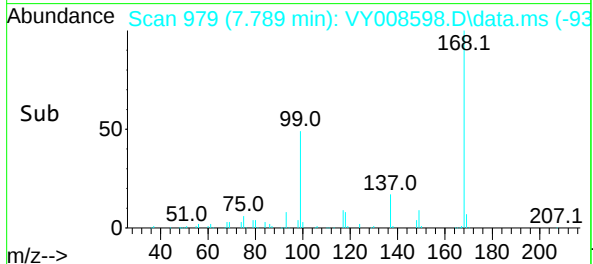
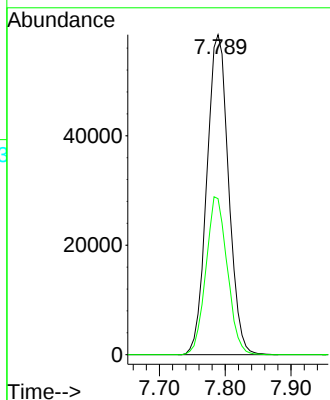
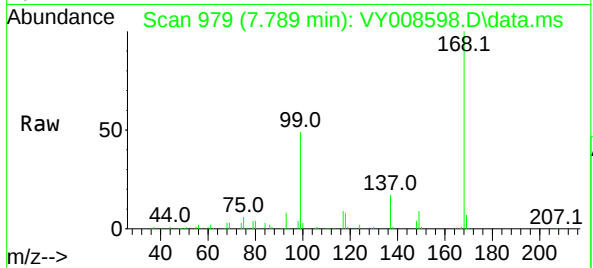




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

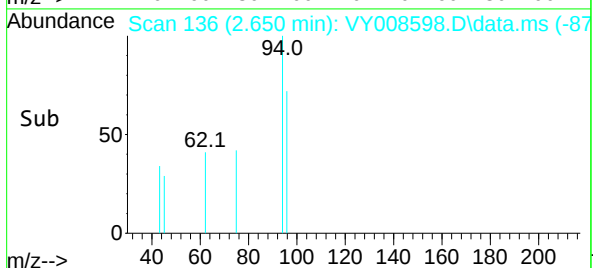
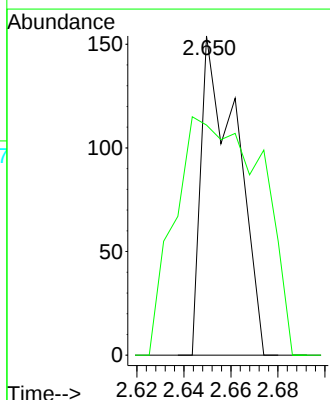
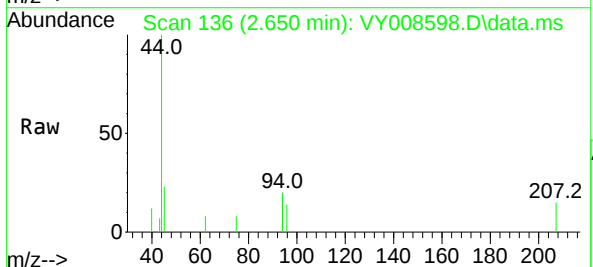
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

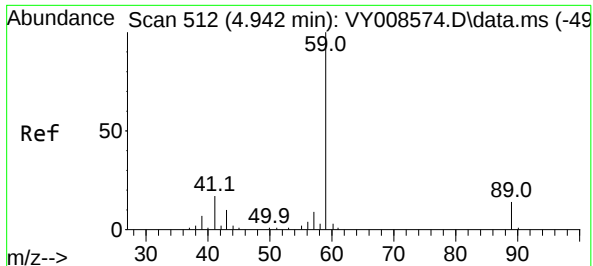
Tgt Ion:168 Resp: 134461
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. -0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 36.4 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.972 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY008598.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

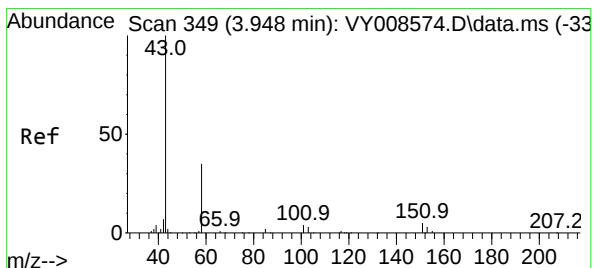
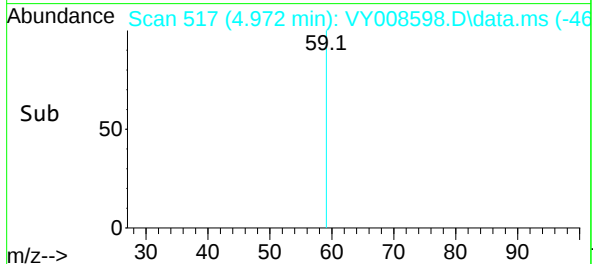
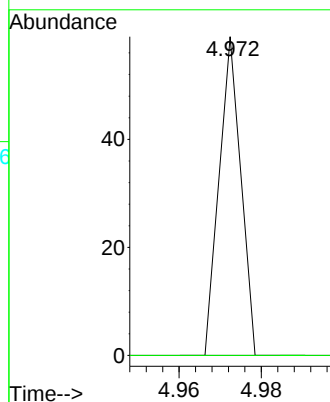
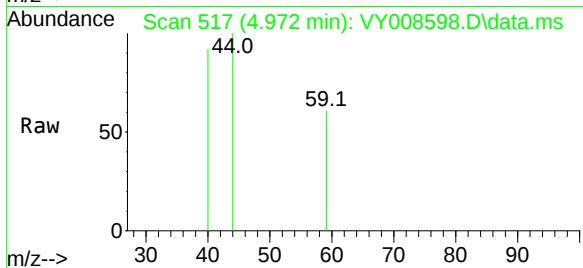
SB-04

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.717 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008598.D

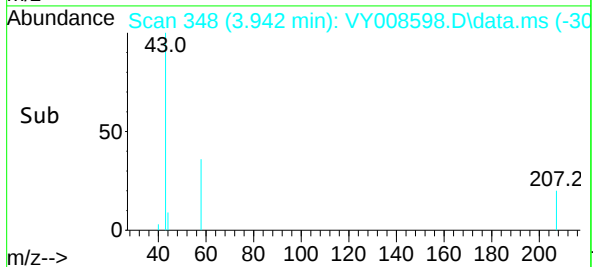
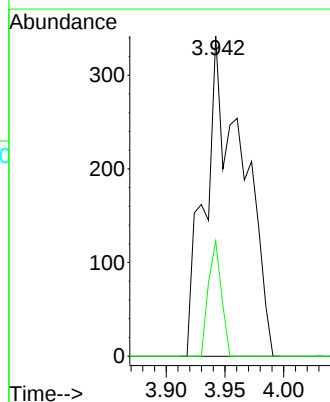
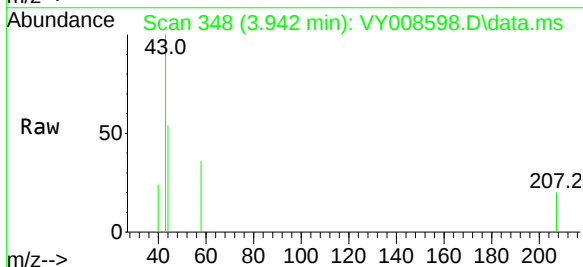
Acq: 03 May 2022 17:39

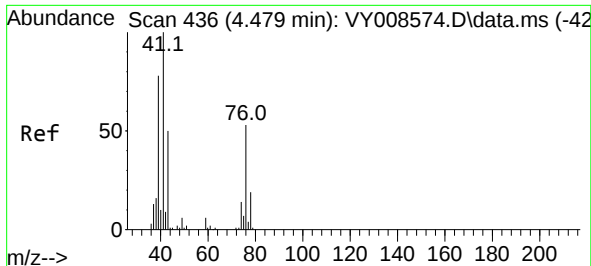
Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

58 36.0 22.0 33.0#

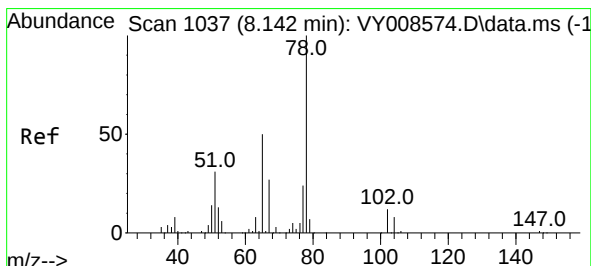
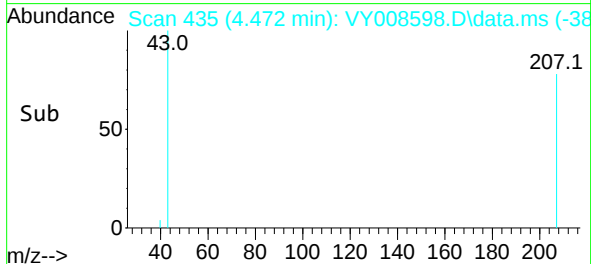
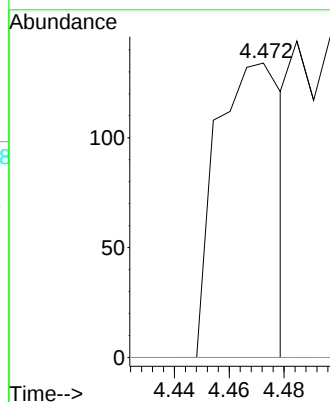
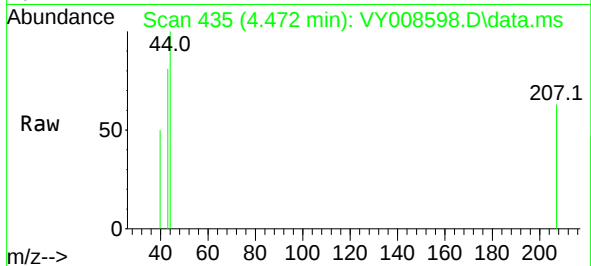




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

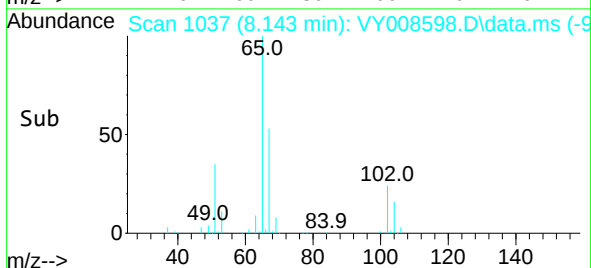
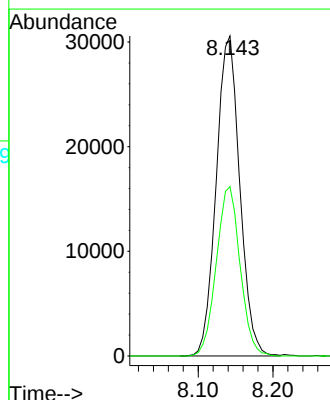
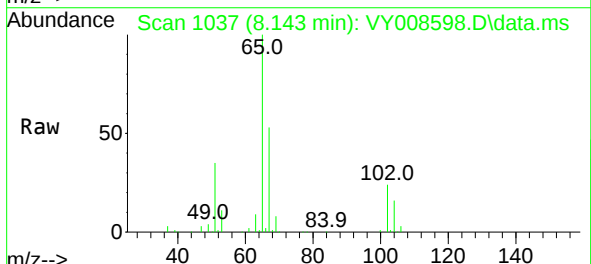
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

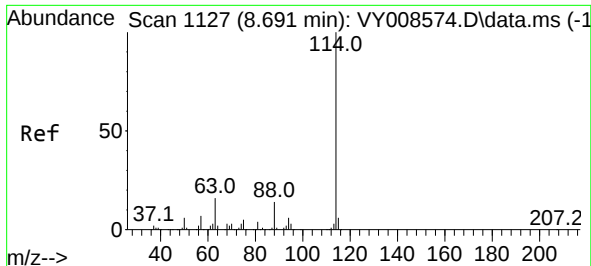
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#33
1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 65 Resp: 67074
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

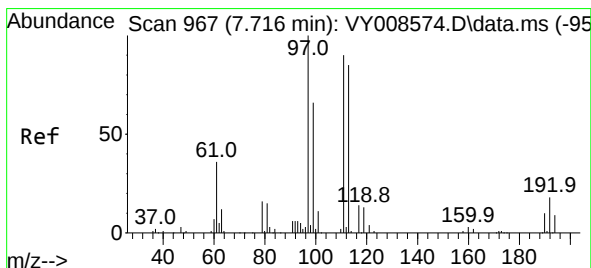
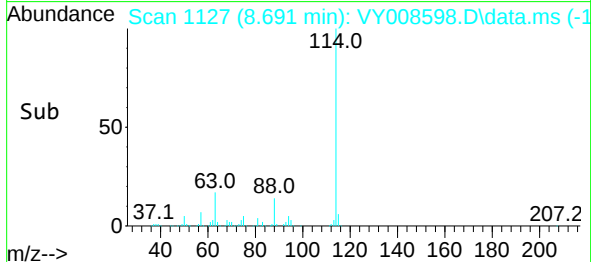
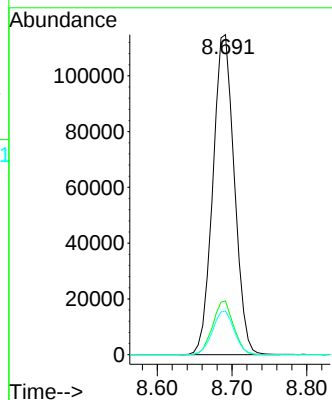
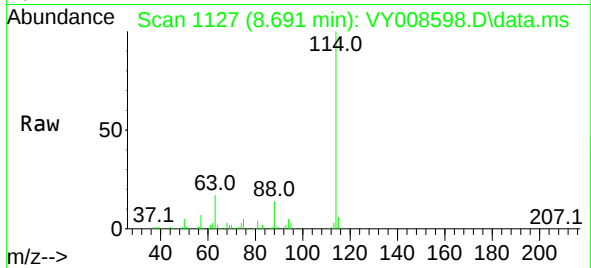




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

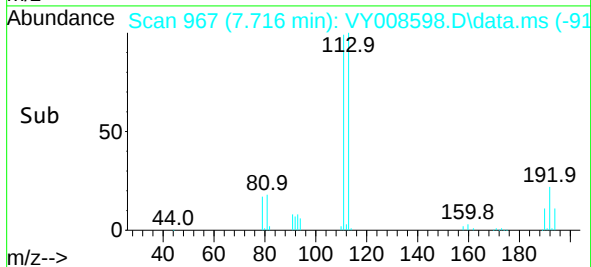
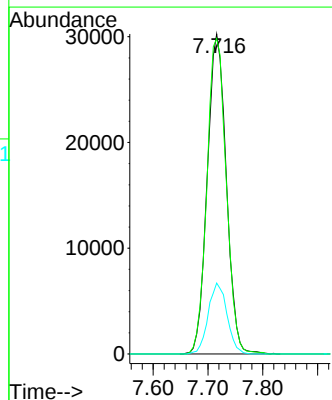
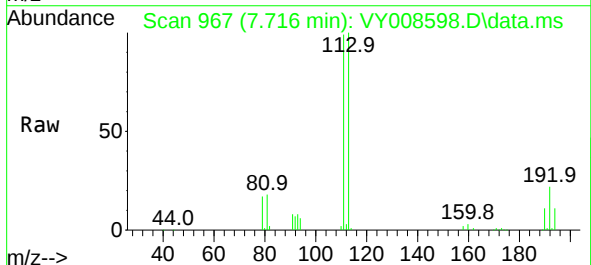
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

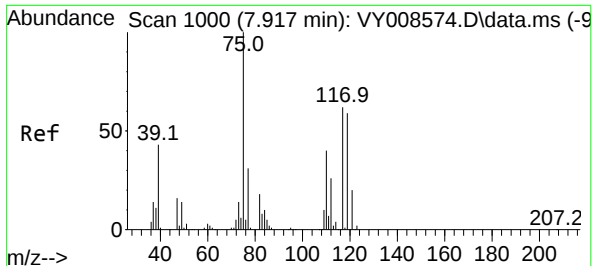
Tgt Ion:114 Resp: 228666
Ion Ratio Lower Upper
114 100
63 16.8 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion:113 Resp: 72786
Ion Ratio Lower Upper
113 100
111 100.1 82.6 124.0
192 21.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.577 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008598.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-04

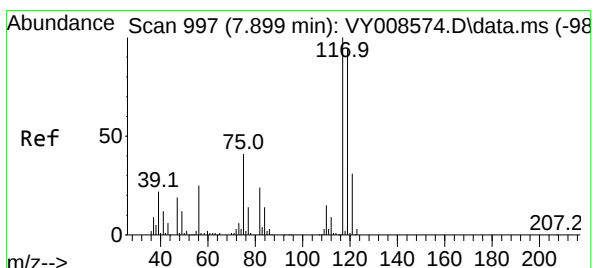
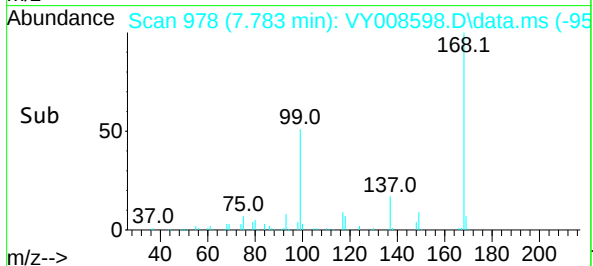
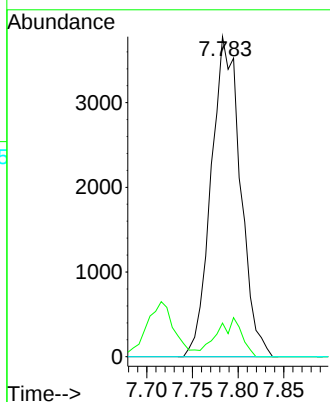
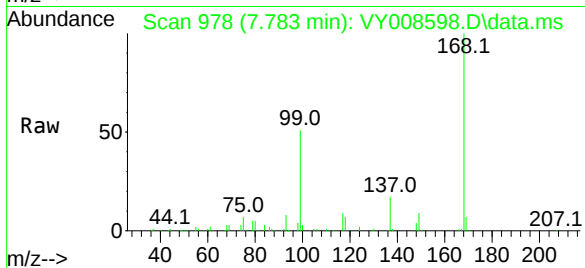
Tgt Ion: 75 Resp: 8416

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.429 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008598.D

Acq: 03 May 2022 17:39

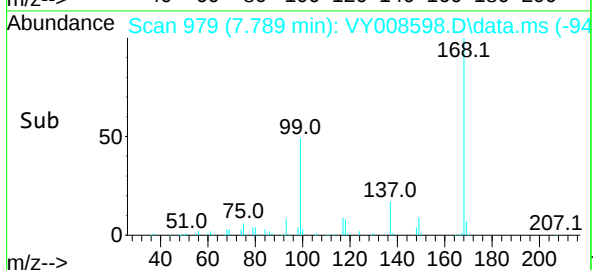
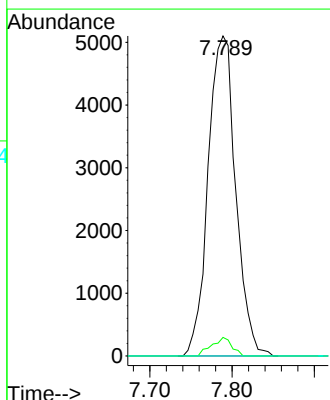
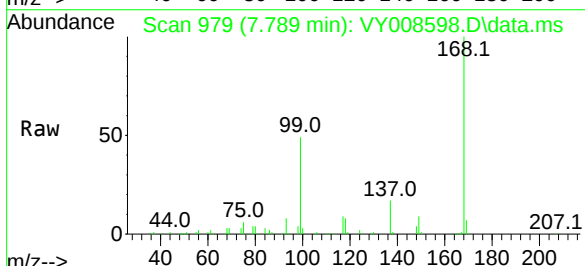
Tgt Ion: 117 Resp: 11888

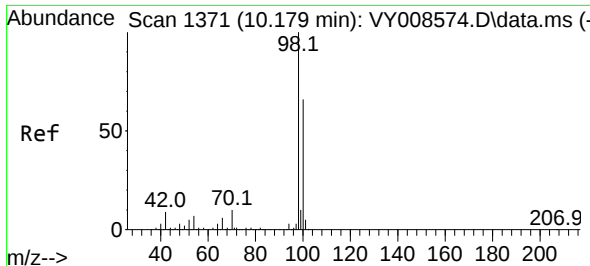
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

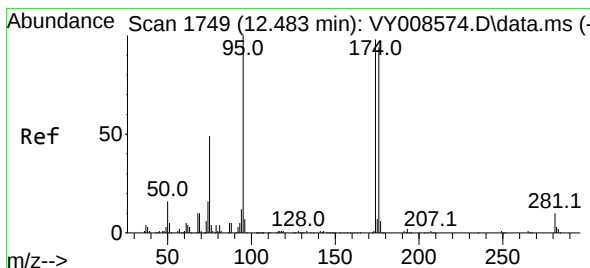
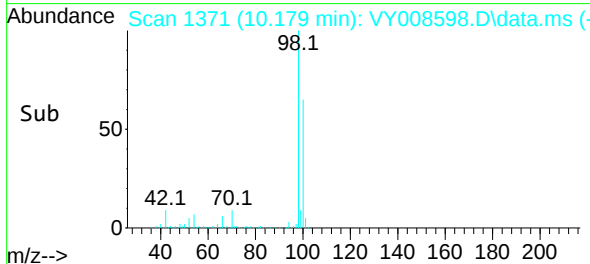
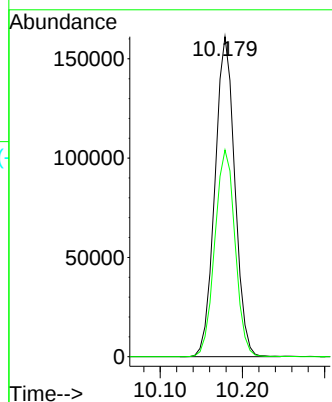
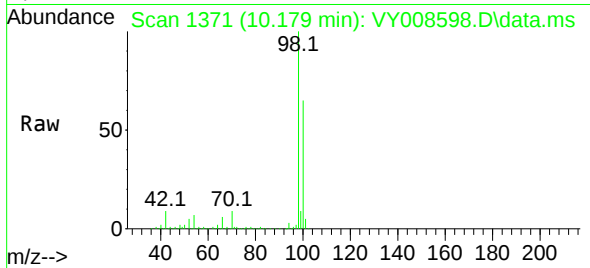




#50
Toluene-d8
Concen: 50.448 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

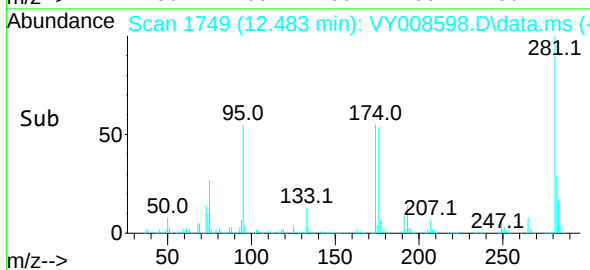
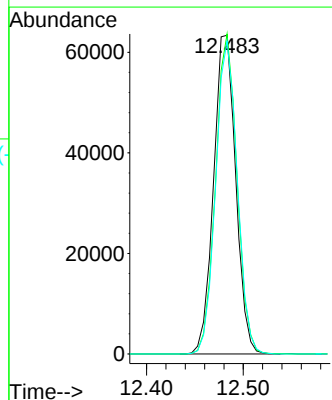
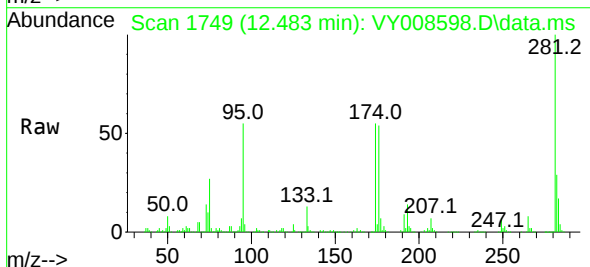
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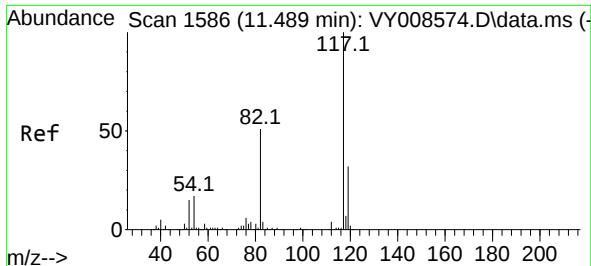
Tgt Ion: 98 Resp: 270428
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 95 Resp: 100754
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 95.5 0.0 175.8

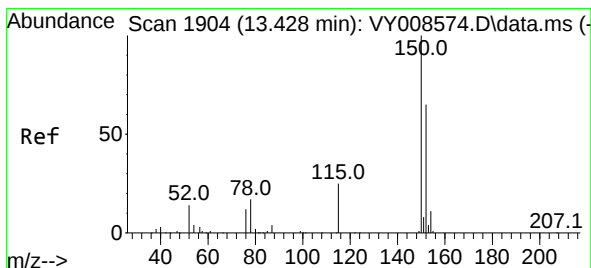
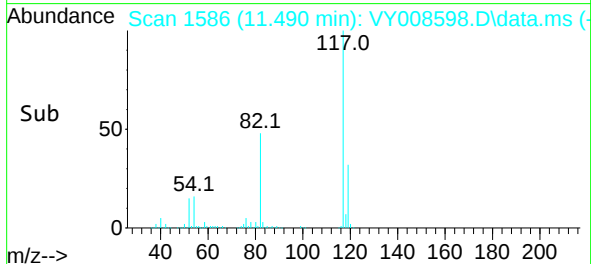
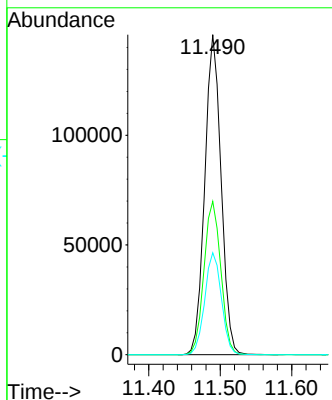
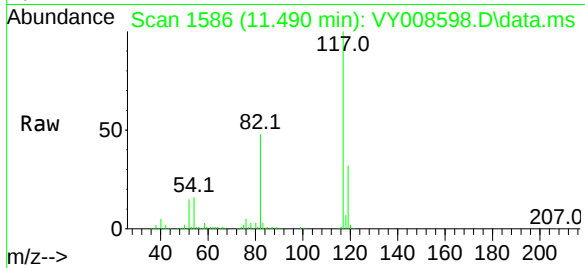




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

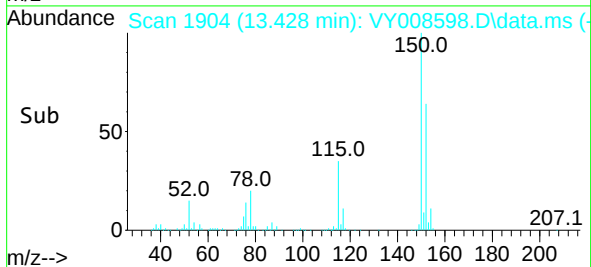
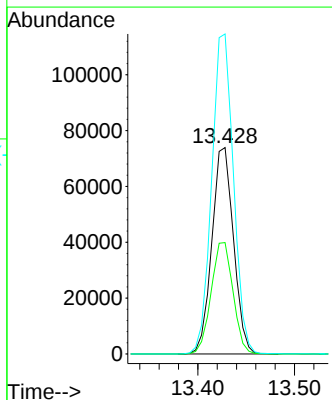
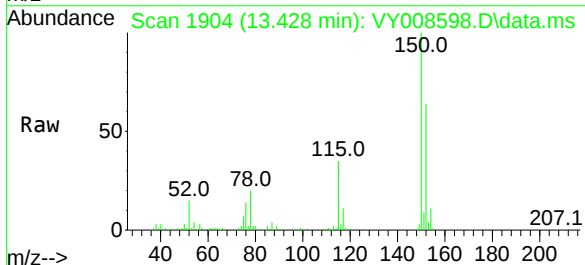
Instrument :
MSVOA_Y
ClientSampleId :
SB-04

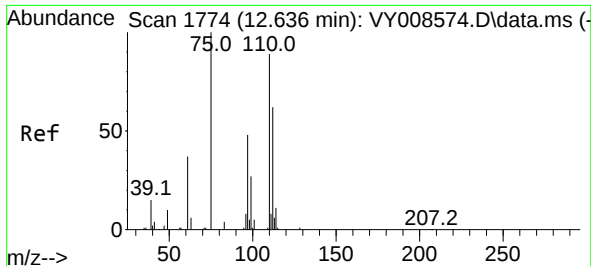
Tgt Ion:117 Resp: 231366
Ion Ratio Lower Upper
117 100
82 47.9 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion:152 Resp: 114987
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 155.8 0.0 347.6

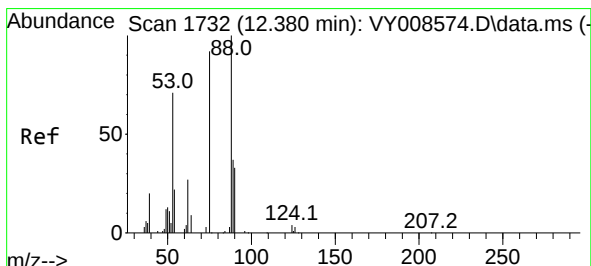
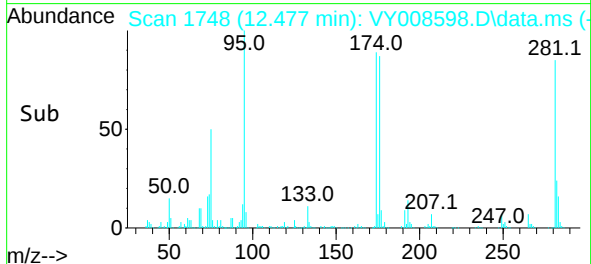
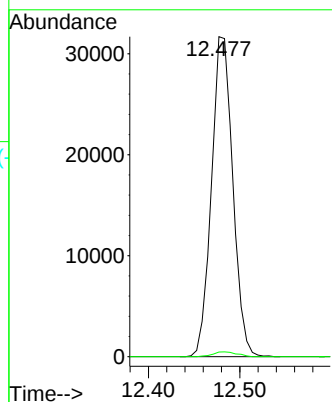
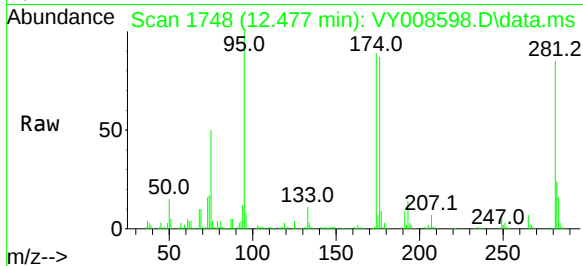




#76
1,2,3-Trichloropropane
Concen: 41.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-04

Tgt Ion: 75 Resp: 51342
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008598.D
Acq: 03 May 2022 17:39

Tgt Ion: 75 Resp: 51342
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.3 37.0 55.4#

