

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008587.D
 Acq On : 03 May 2022 13:21
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 03 16:57:40 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)

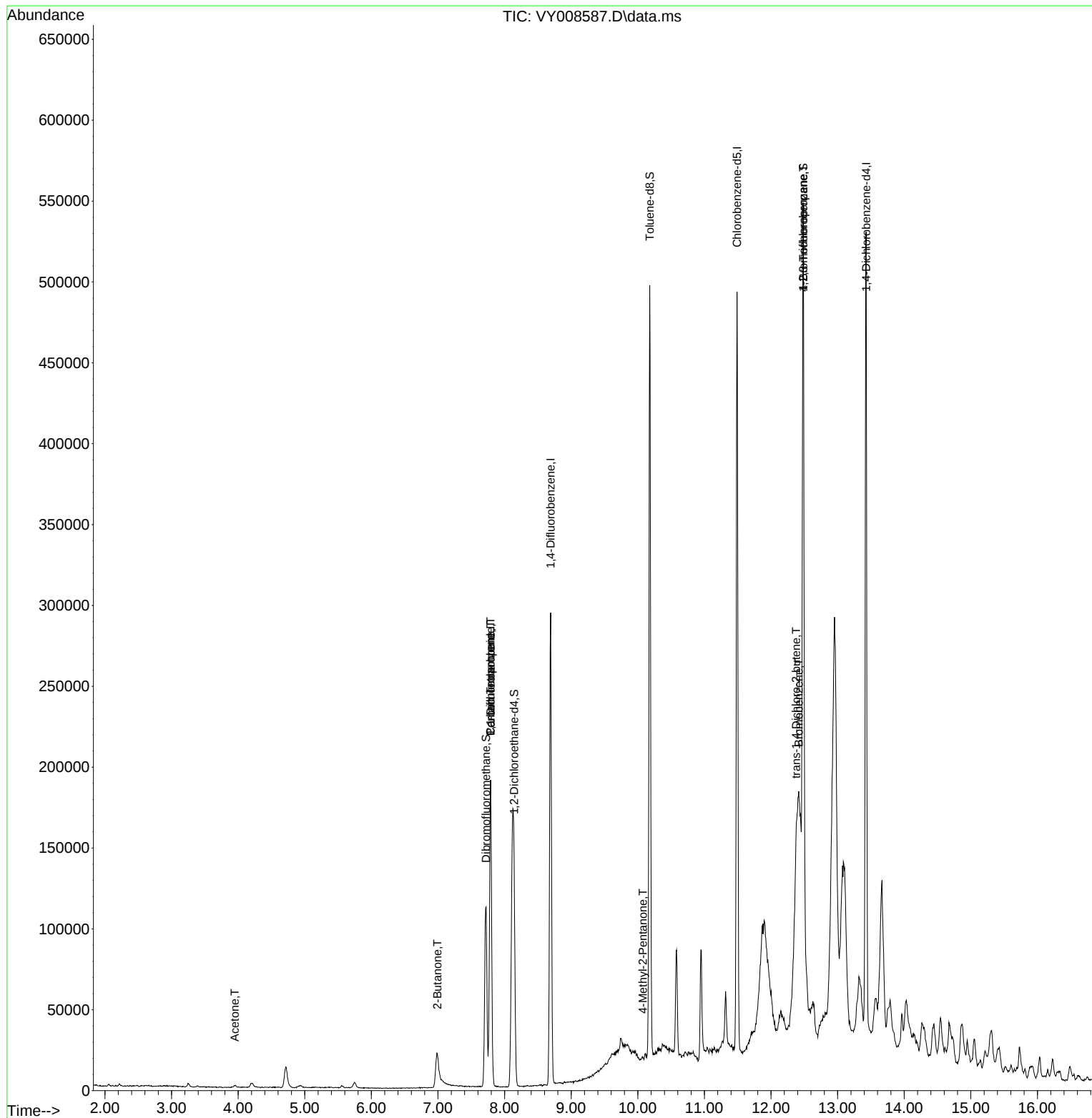
Internal Standards						
1) Pentafluorobenzene	7.789	168	159378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71997	46.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.960%		
35) Dibromofluoromethane	7.722	113	82148	45.967	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.179	98	328386	51.866	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.740%		
62) 4-Bromofluorobenzene	12.483	95	123322	53.142	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.280%		
Target Compounds						
5) Bromomethane	2.668	94	204	Below Cal		87
11) Tert butyl alcohol	4.942	59	1765	Below Cal	#	77
16) Acetone	3.948	43	2284	6.843	ug/l	95
18) Methyl Acetate	4.472	43	514	Below Cal	#	86
20) Methylene Chloride	4.710	84	10782	Below Cal	#	70
25) 2-Butanone	6.990	43	1500	2.800	ug/l	100
36) 1,1-Dichloropropene	7.789	75	9474	3.409	ug/l #	52
38) Carbon Tetrachloride	7.789	117	14224	4.487	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1490	1.095	ug/l #	58
76) 1,2,3-Trichloropropane	12.483	75	60575	41.047	ug/l #	100
77) Bromobenzene	12.416	156	307898	108.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.379	75	3058	4.201	ug/l #	7

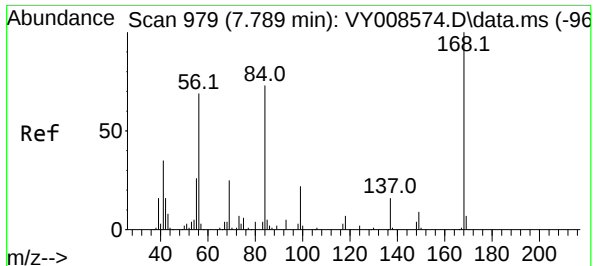
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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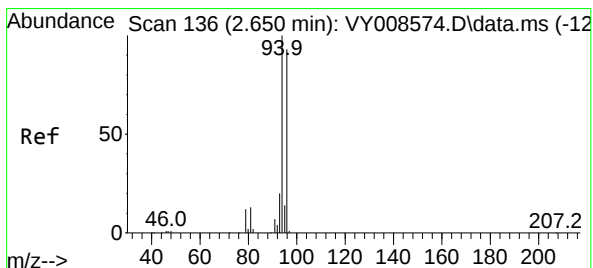
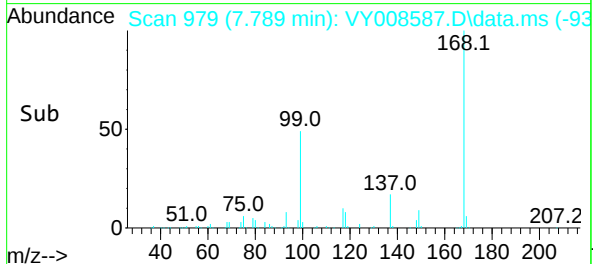
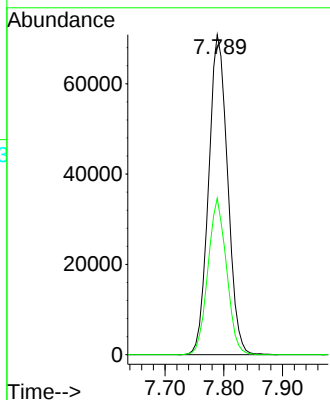
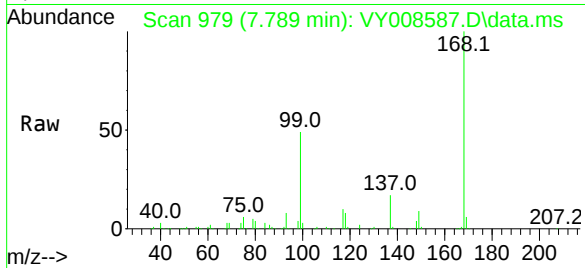




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

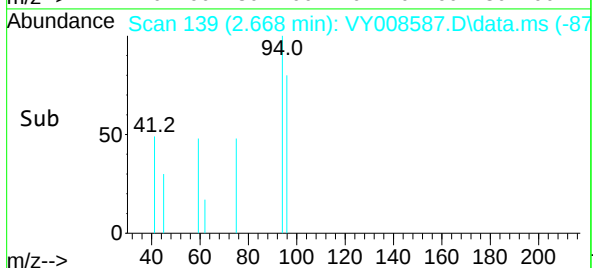
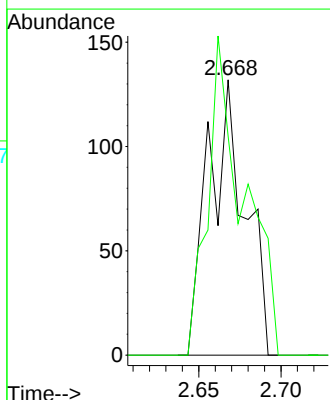
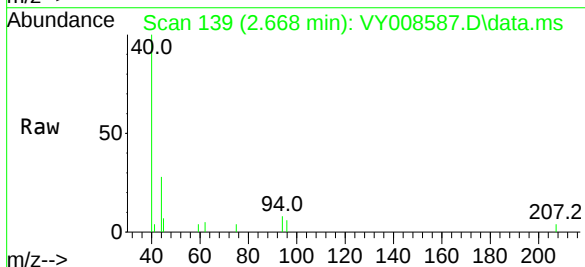
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

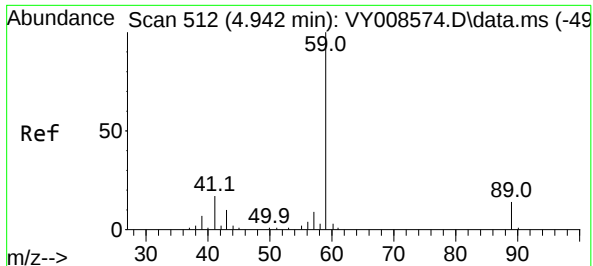
Tgt Ion:168 Resp: 159378
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 79.5 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008587.D

Acq: 03 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

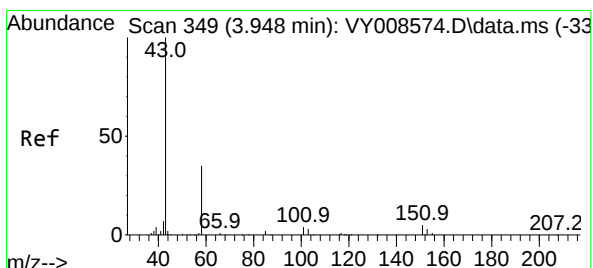
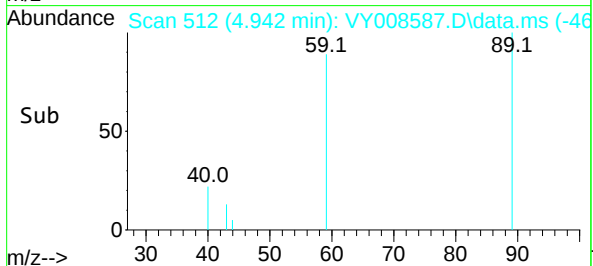
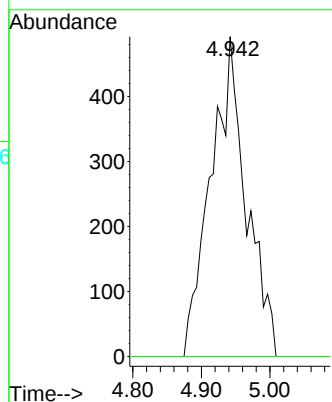
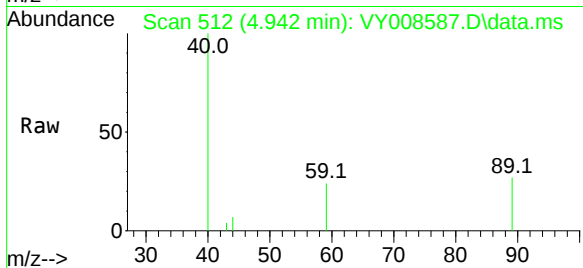
VIBLK

Tgt Ion: 59 Resp: 1765

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.843 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008587.D

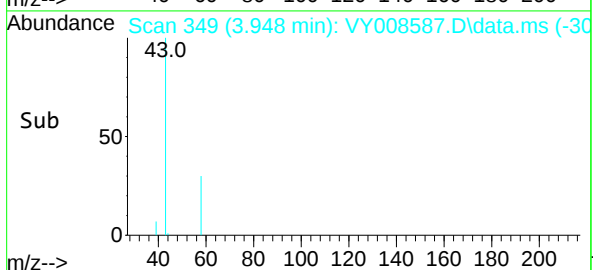
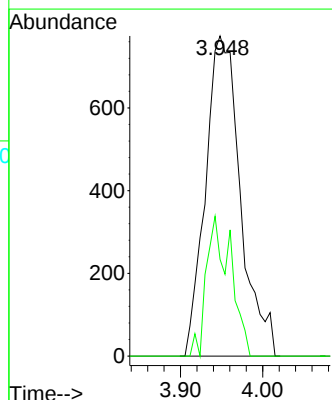
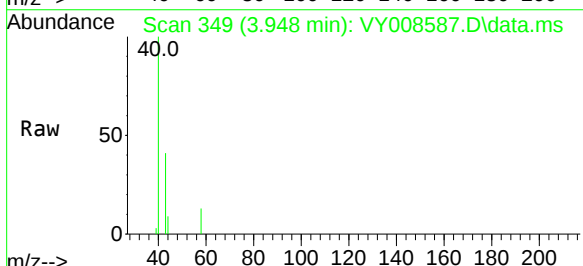
Acq: 03 May 2022 13:21

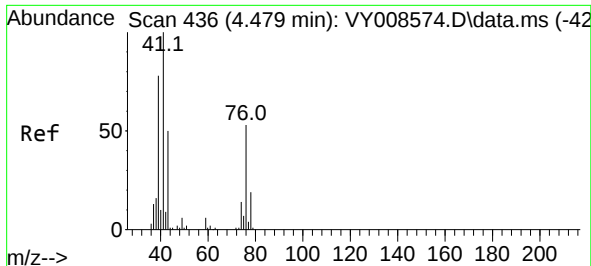
Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 30.2 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY008587.D

Acq: 03 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

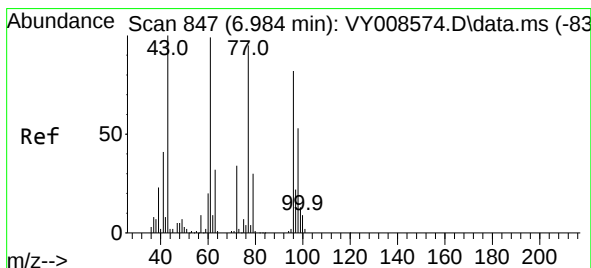
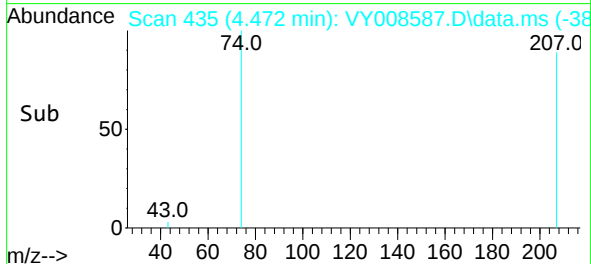
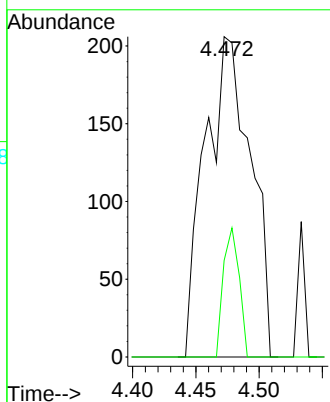
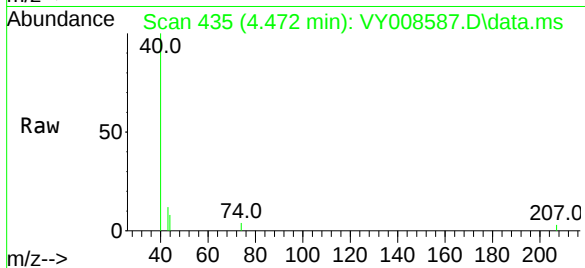
VIBLK

Tgt Ion: 43 Resp: 514

Ion Ratio Lower Upper

43 100

74 14.0 16.6 24.8#



#25

2-Butanone

Concen: 2.800 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY008587.D

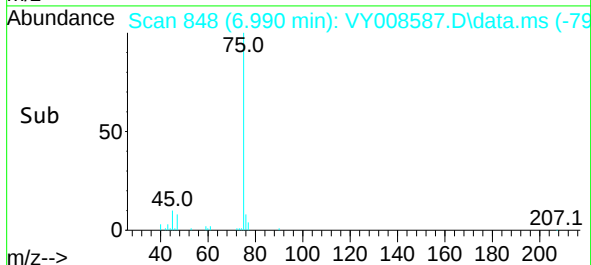
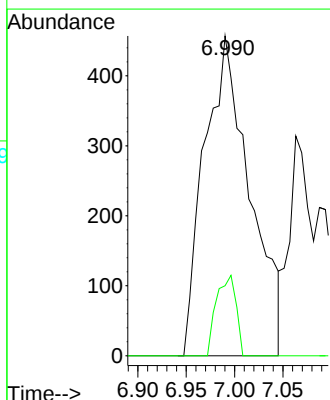
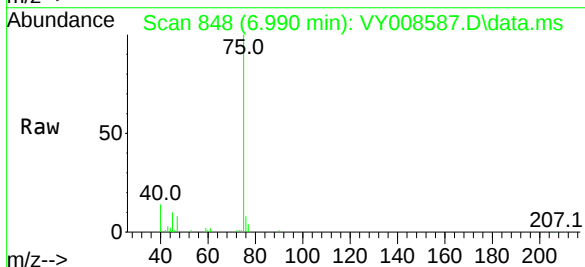
Acq: 03 May 2022 13:21

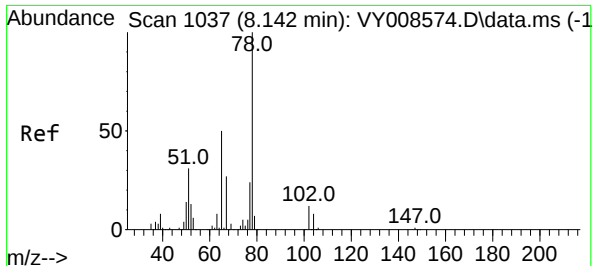
Tgt Ion: 43 Resp: 1500

Ion Ratio Lower Upper

43 100

72 21.9 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 46.479 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008587.D

Acq: 03 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

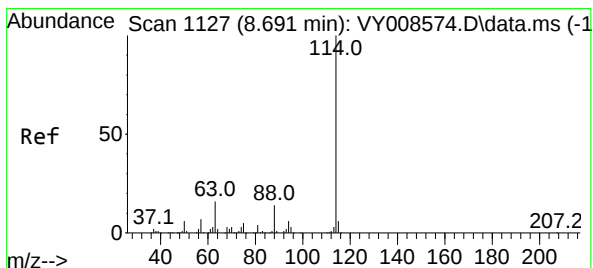
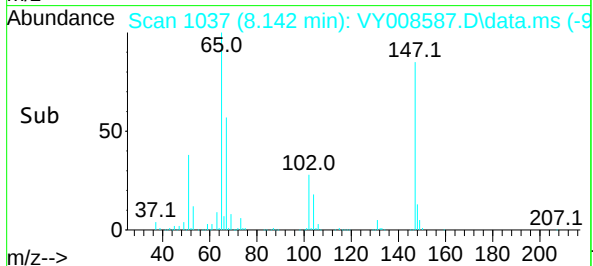
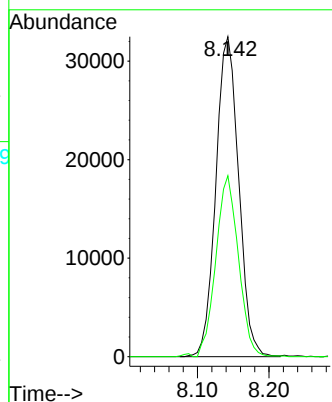
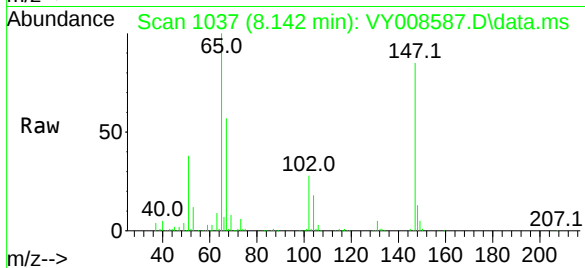
VIBLK

Tgt Ion: 65 Resp: 71997

Ion Ratio Lower Upper

65 100

67 55.9 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: VY008587.D

Acq: 03 May 2022 13:21

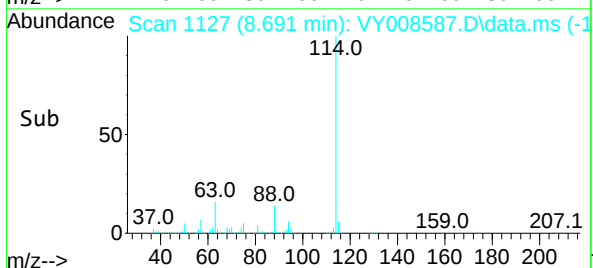
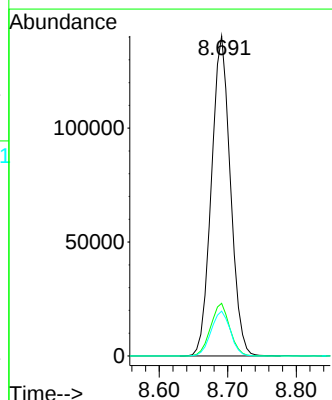
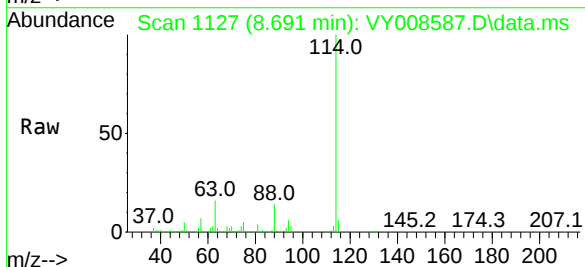
Tgt Ion: 114 Resp: 270078

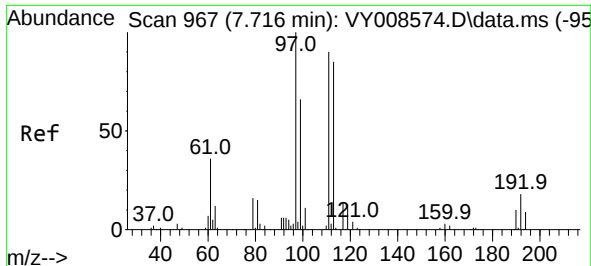
Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.0 0.0 31.8

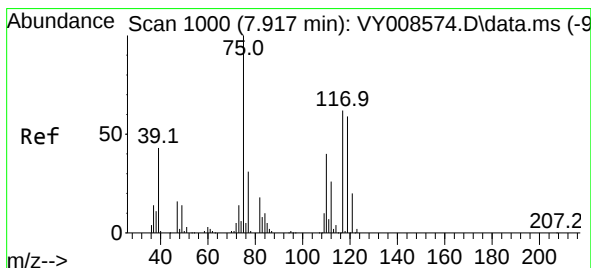
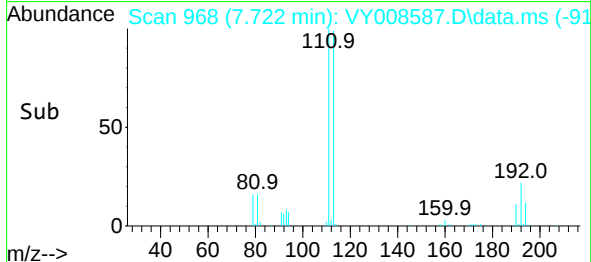
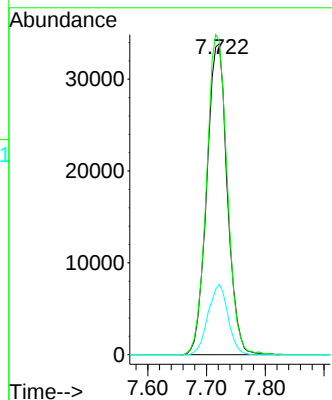
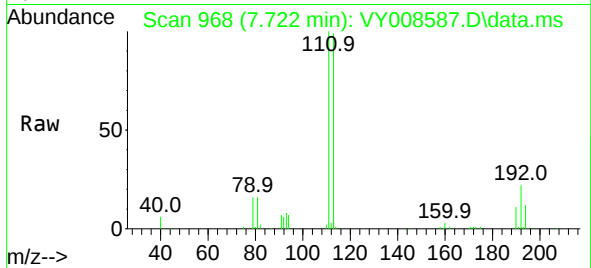




#35
Dibromofluoromethane
Concen: 45.967 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

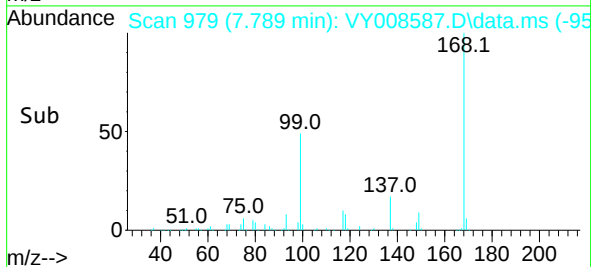
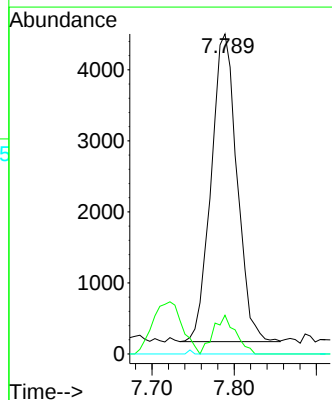
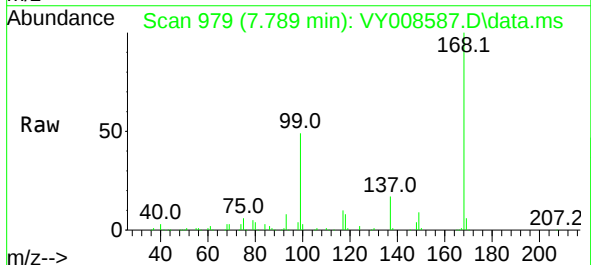
Instrument :
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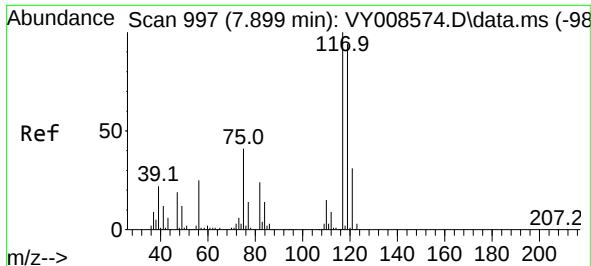
Tgt Ion:113 Resp: 82148
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 75 Resp: 9474
Ion Ratio Lower Upper
75 100
110 10.8 17.1 51.2#
77 0.0 24.4 36.6#

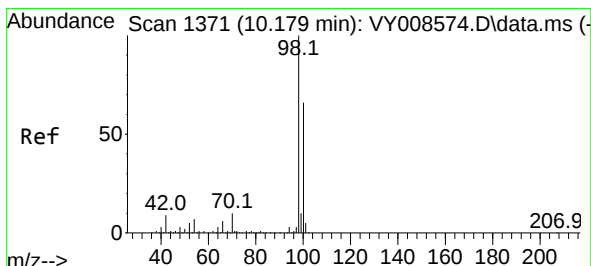
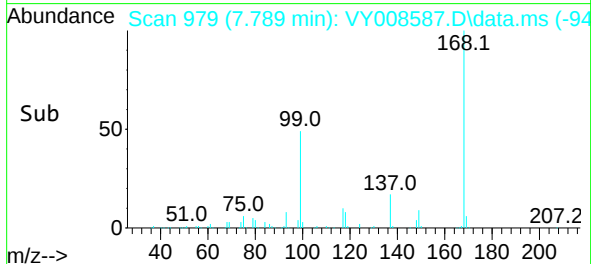
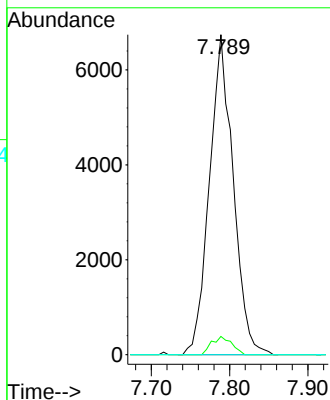
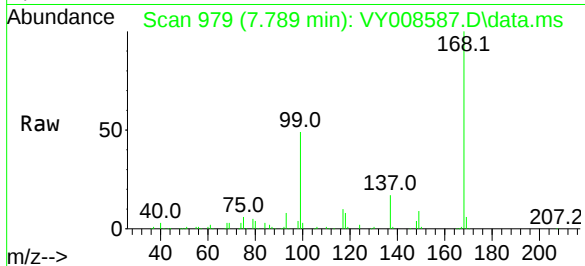




#38
Carbon Tetrachloride
Concen: 4.487 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

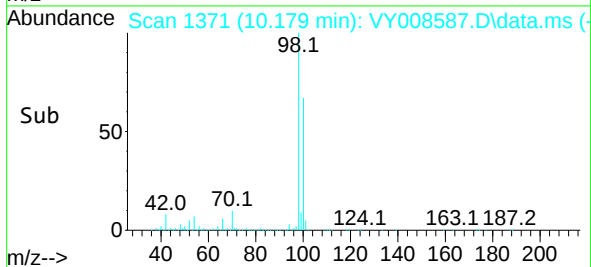
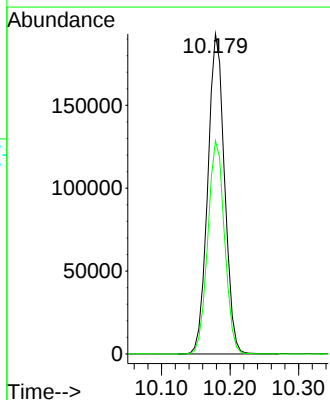
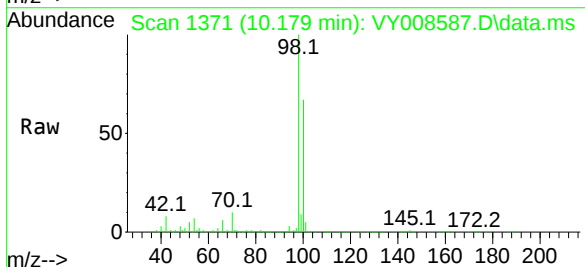
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VIBLK

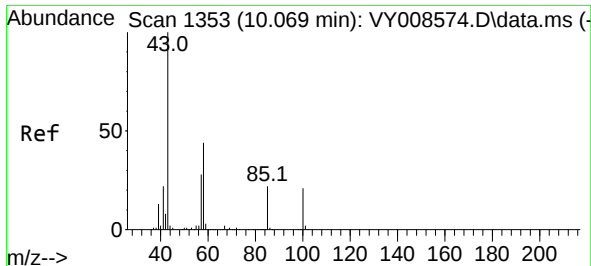
Tgt Ion:117 Resp: 14224
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.866 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 98 Resp: 328386
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2

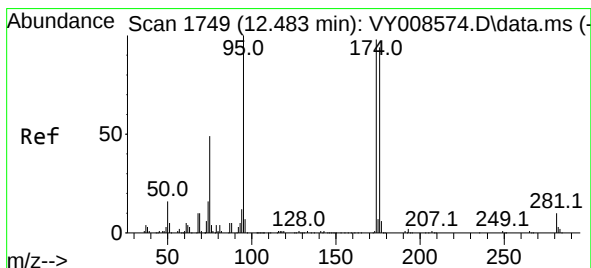
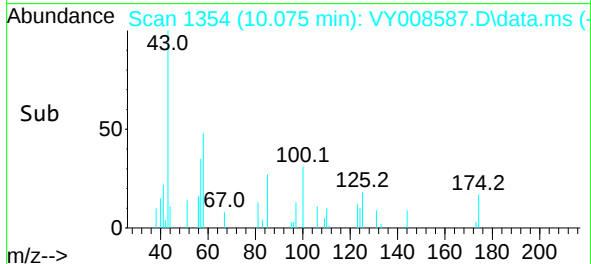
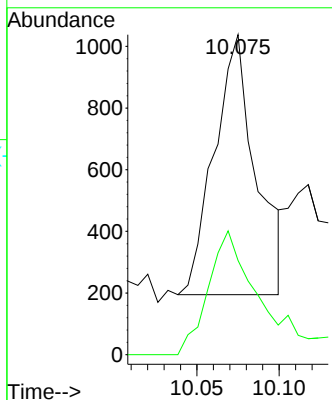
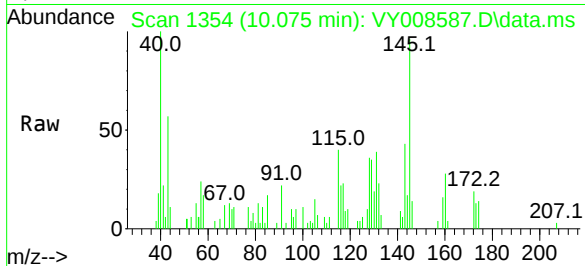




#51
4-Methyl-2-Pentanone
Concen: 1.095 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

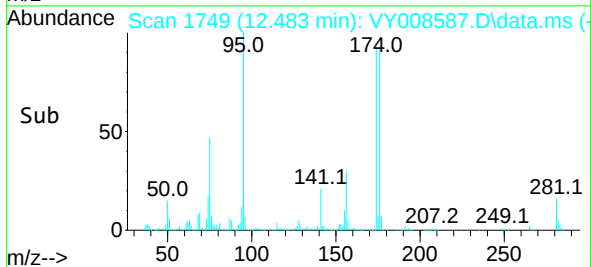
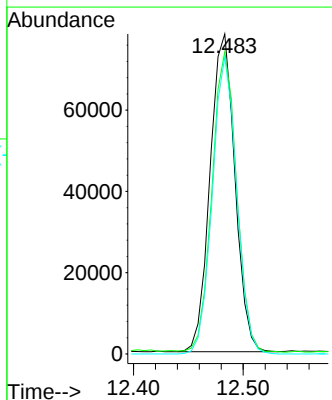
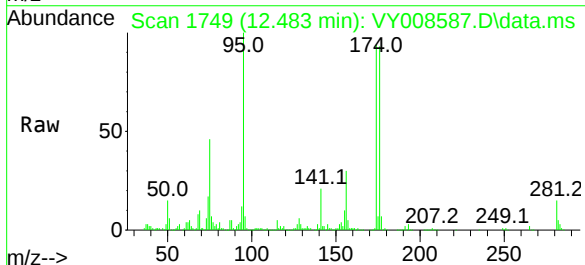
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

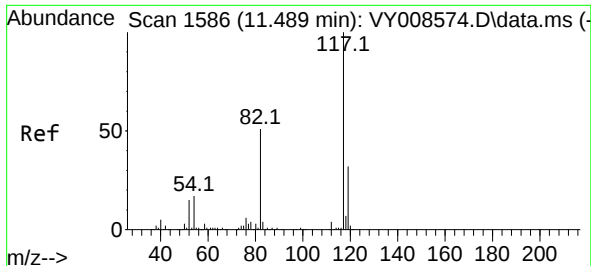
Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
58 59.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 95 Resp: 123322
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 91.3 0.0 175.8

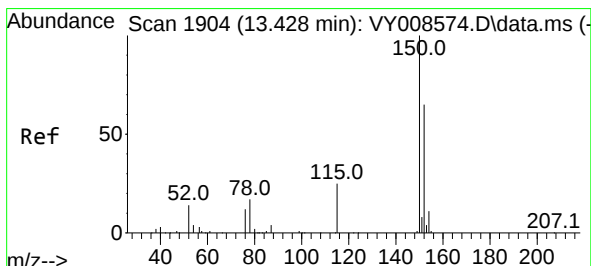
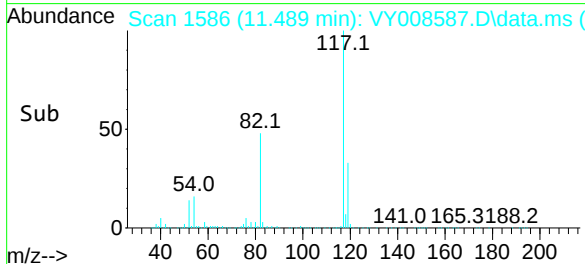
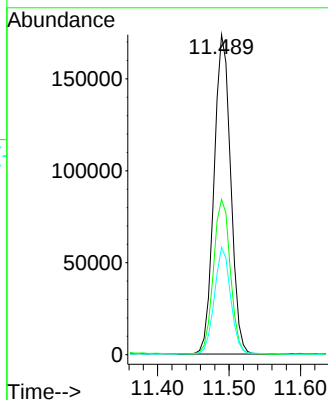
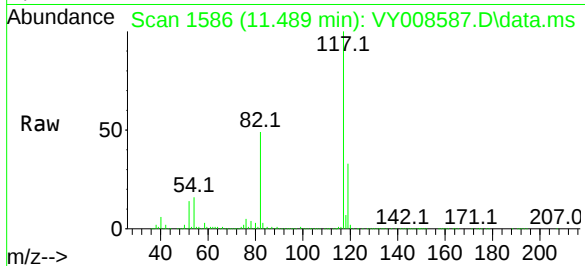




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

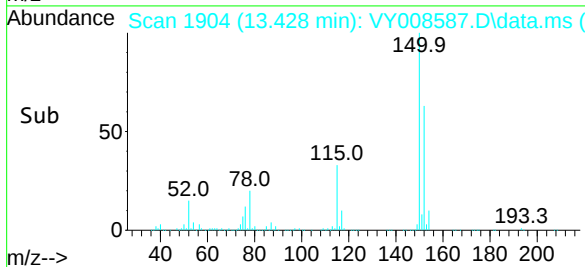
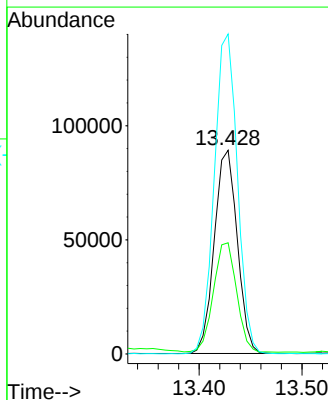
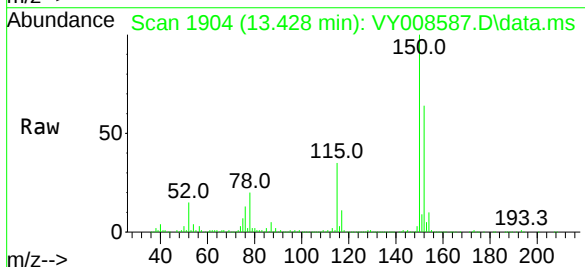
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

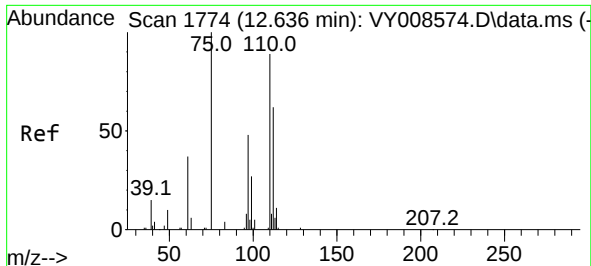
Tgt Ion:117 Resp: 280741
Ion Ratio Lower Upper
117 100
82 48.5 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion:152 Resp: 138246
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 158.4 0.0 347.6

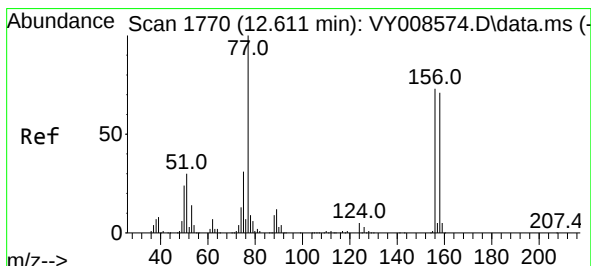
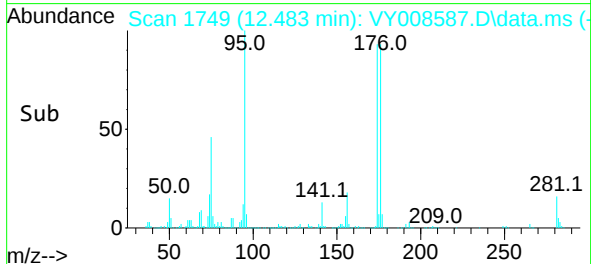
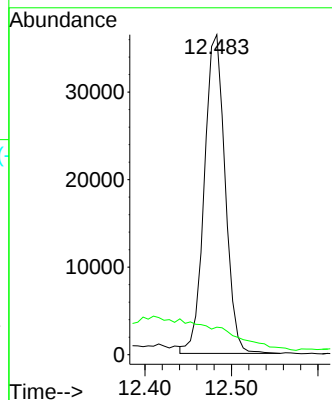
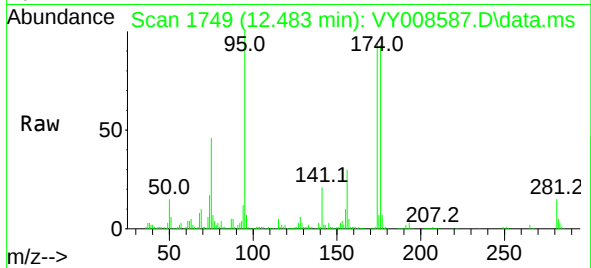




#76
1,2,3-Trichloropropane
Concen: 41.047 ug/l
RT: 12.483 min Scan# 1738
Delta R.T. -0.152 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

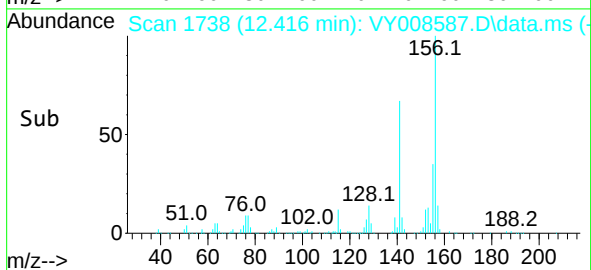
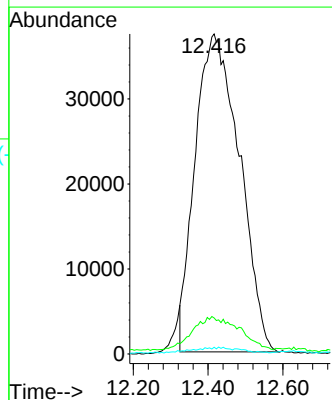
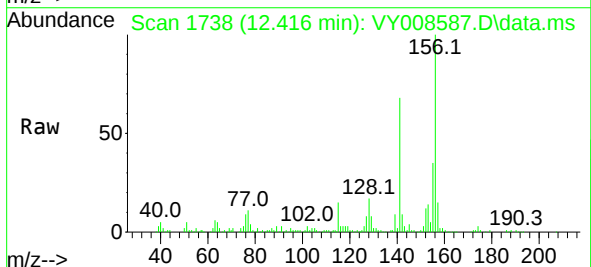
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

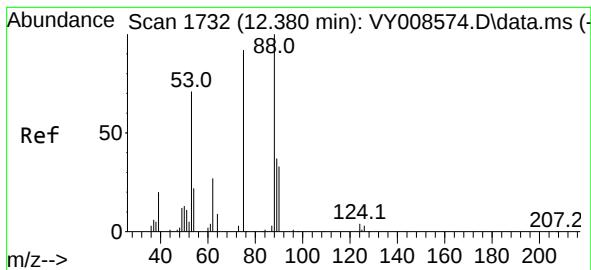
Tgt Ion: 75 Resp: 60575
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 108.203 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion:156 Resp: 307898
Ion Ratio Lower Upper
156 100
77 10.5 95.5 286.4#
158 0.0 48.0 144.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.201 ug/l
 RT: 12.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY008587.D
 Acq: 03 May 2022 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 3058
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

