

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008068.D
 Acq On : 28 Mar 2022 16:40
 Operator : SY/MD
 Sample : N2095-07RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-2.0-3.0

Quant Time: Mar 29 02:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

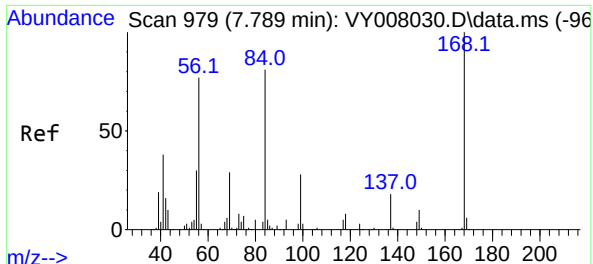
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	80410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	135534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47870	59.337	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.722	113	47521	51.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.185	98	175403	50.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.483	95	57296	47.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.200%	
Target Compounds						Qvalue
10) Methyl Iodide	4.095	142	334	1.997	ug/l #	35
16) Acetone	3.954	43	472	2.560	ug/l #	47
18) Methyl Acetate	4.485	43	93	Below Cal	#	56
31) Cyclohexane	7.795	56	1607	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6231	4.334	ug/l #	52
38) Carbon Tetrachloride	7.795	117	8250	5.266	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	743	1.117	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	29279	43.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29279	96.760	ug/l #	7

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

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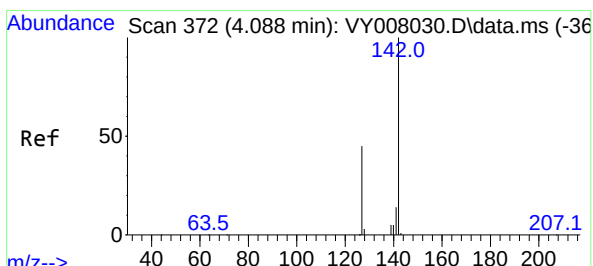
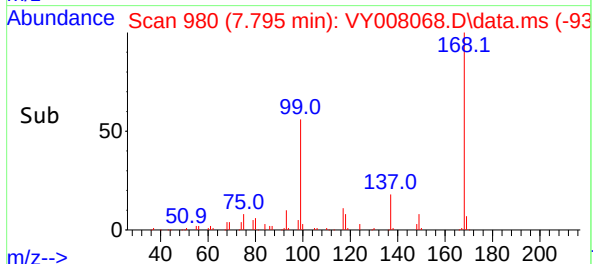
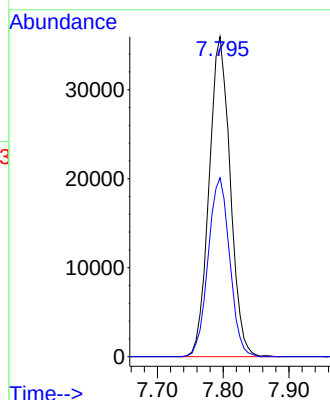
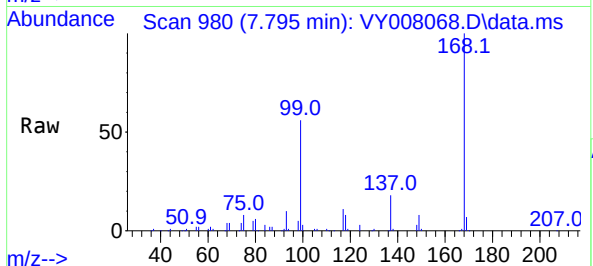




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

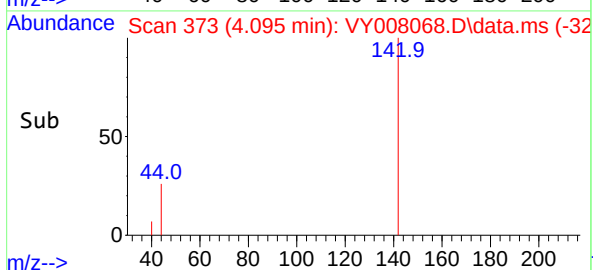
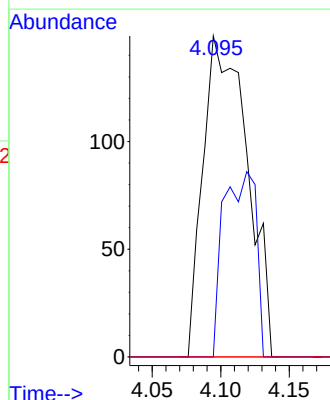
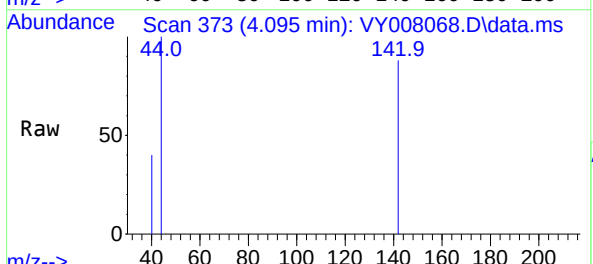
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

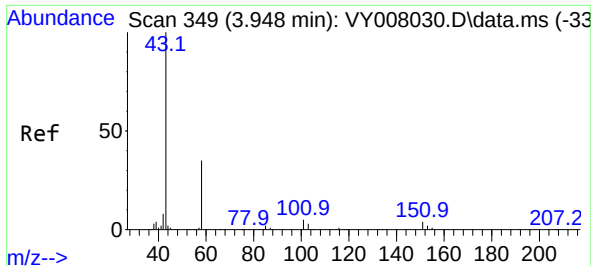
Tgt Ion:168 Resp: 80410
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.997 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion:142 Resp: 334
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

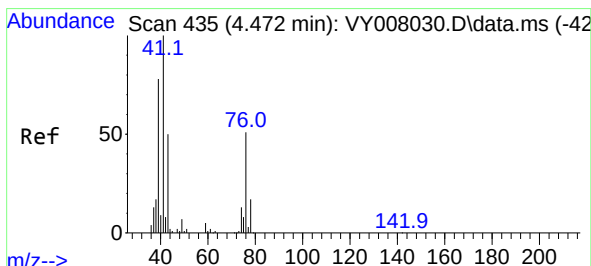
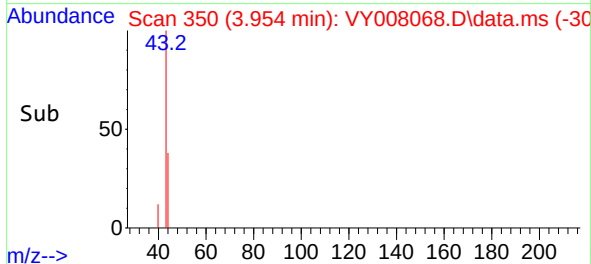
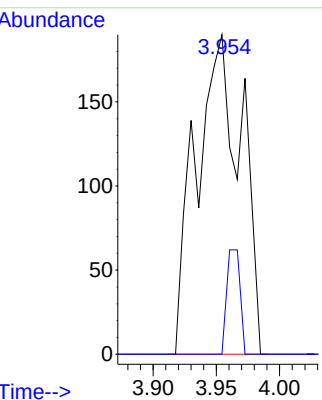
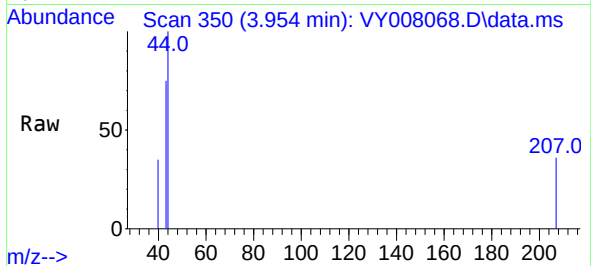




#16
Acetone
Concen: 2.560 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

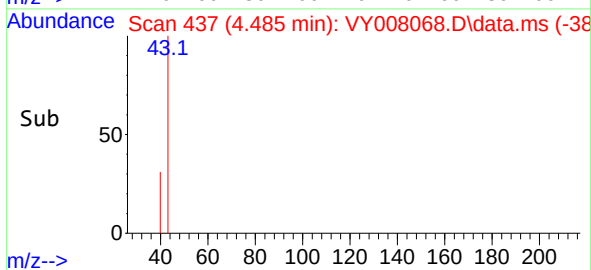
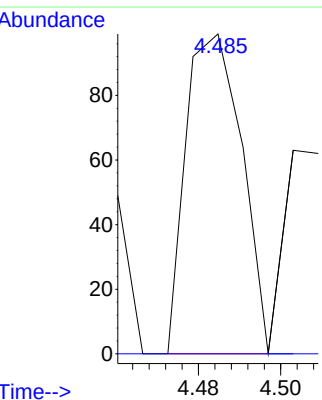
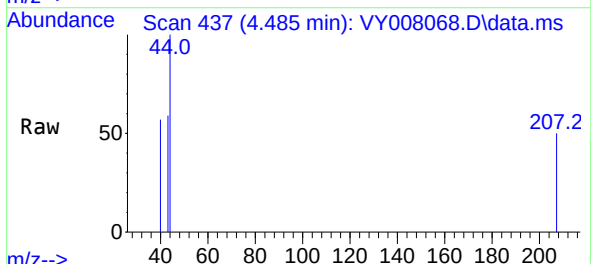
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

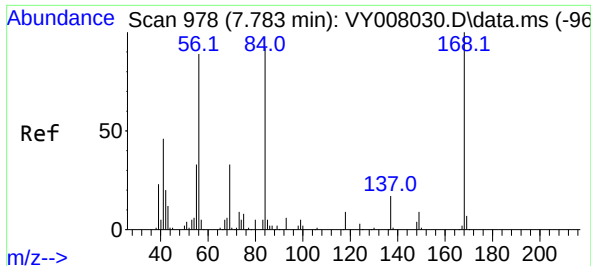
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

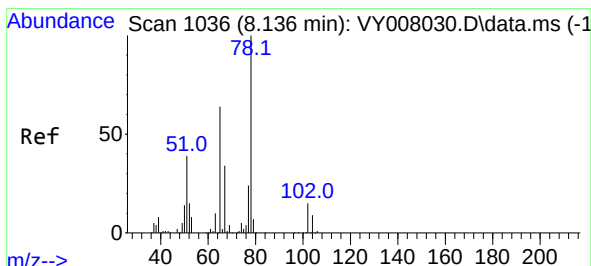
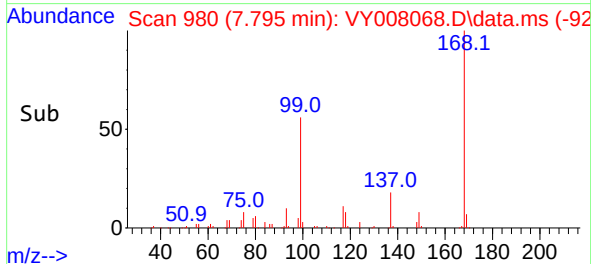
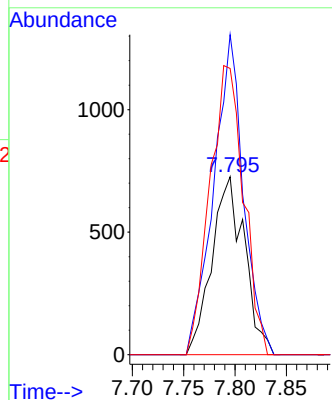
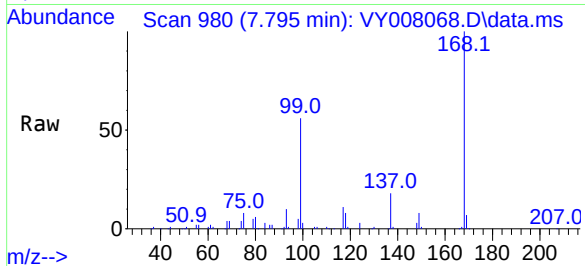




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

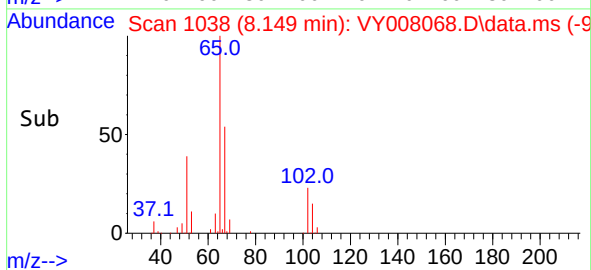
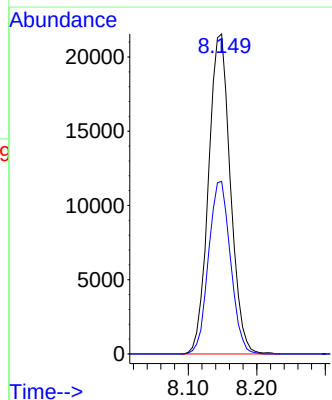
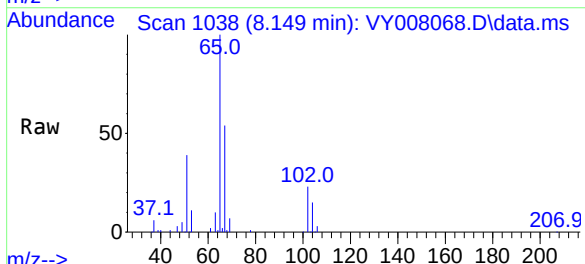
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

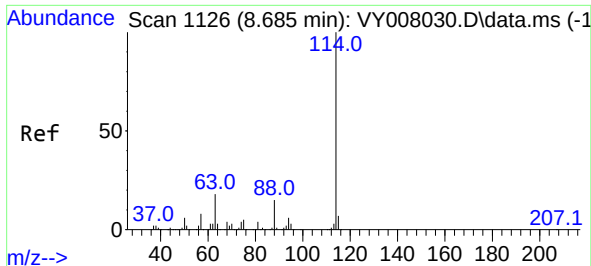
Tgt Ion: 56 Resp: 1607
Ion Ratio Lower Upper
56 100
69 179.9 26.7 40.1#
84 160.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.337 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 65 Resp: 47870
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008068.D

Acq: 28 Mar 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-2.0-3.0

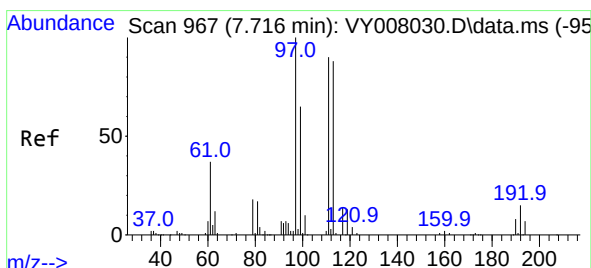
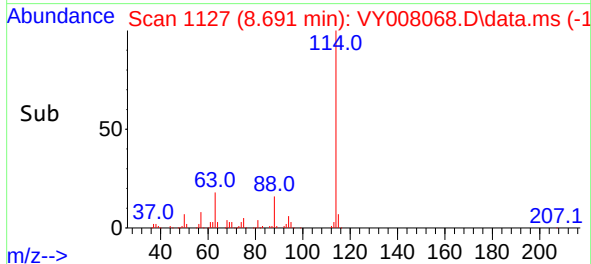
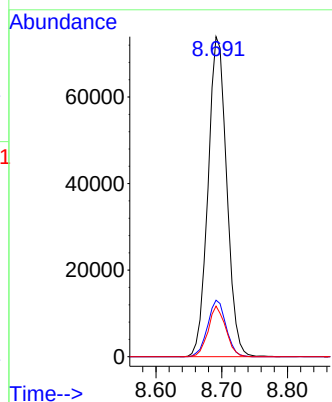
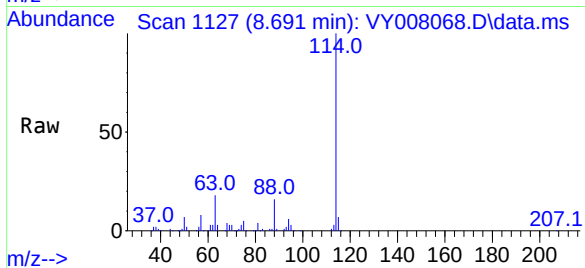
Tgt Ion:114 Resp: 145967

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.926 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008068.D

Acq: 28 Mar 2022 16:40

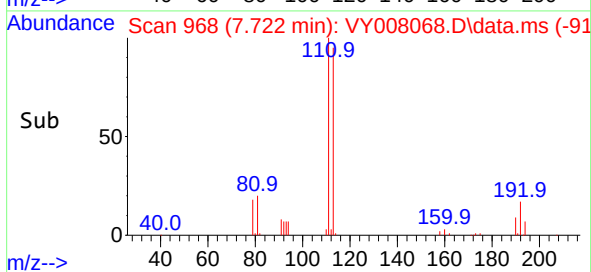
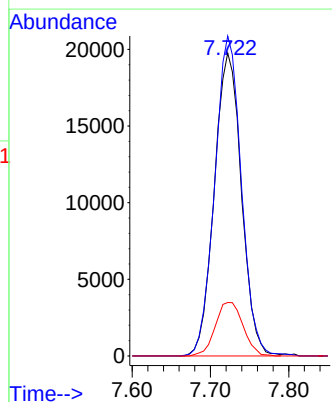
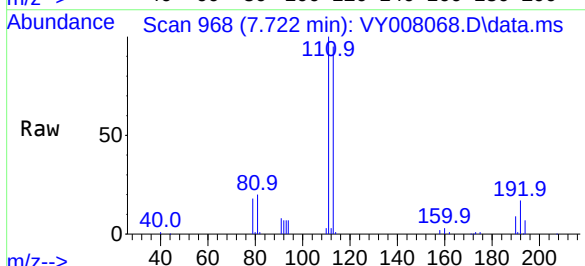
Tgt Ion:113 Resp: 47521

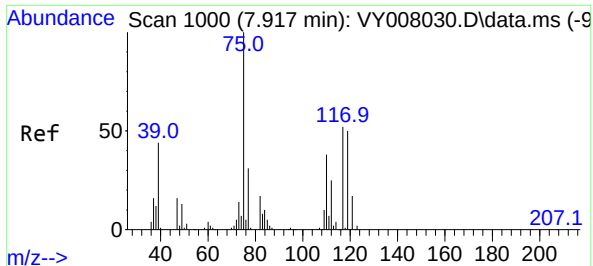
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.2 17.6 26.4

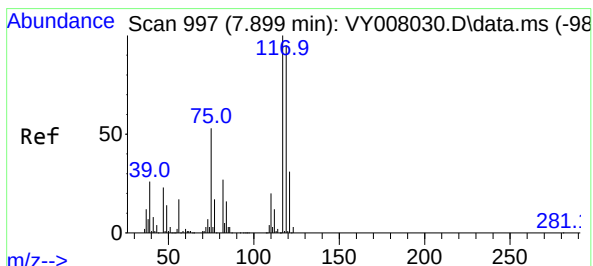
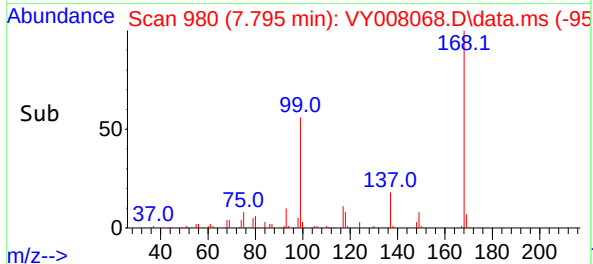
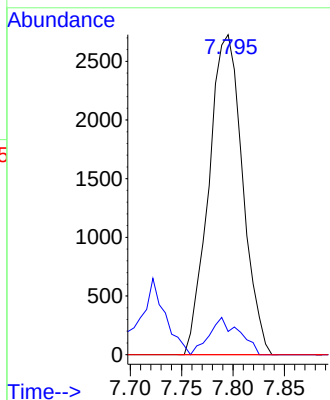
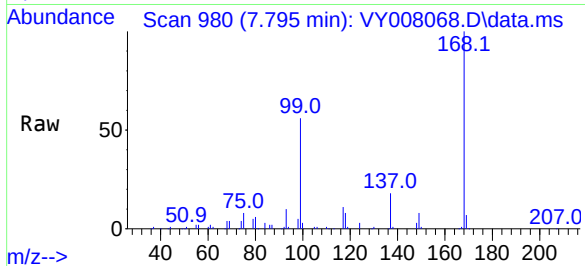




#36
1,1-Dichloropropene
Concen: 4.334 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

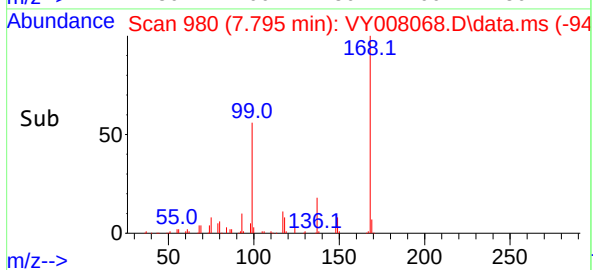
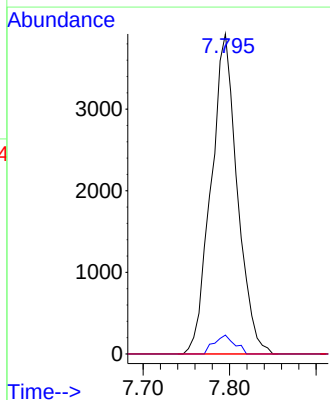
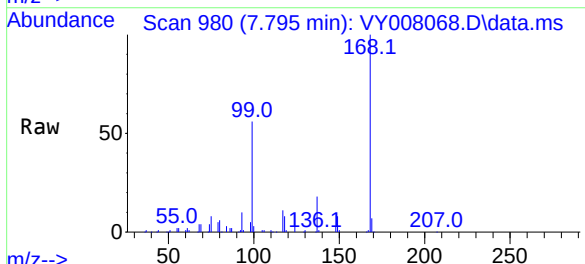
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

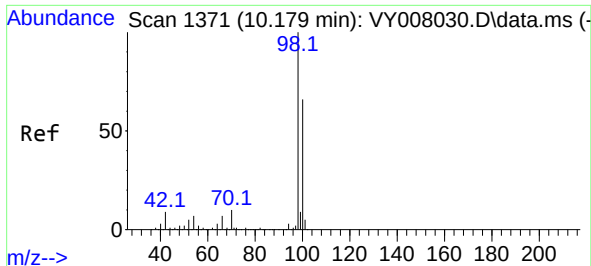
Tgt Ion: 75 Resp: 6231
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 117 Resp: 8250
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

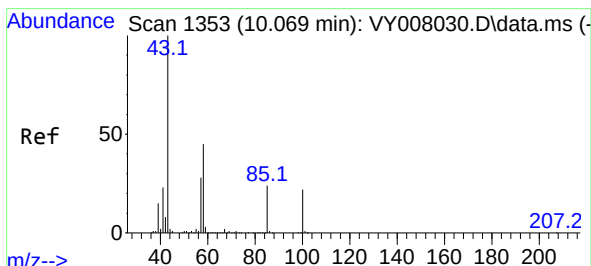
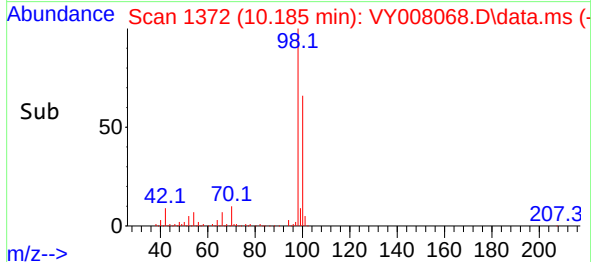
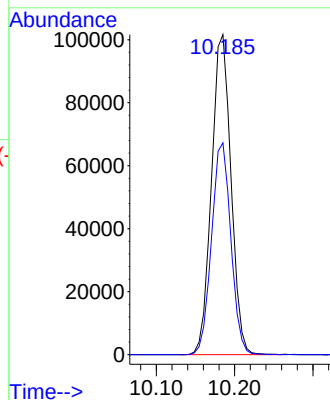
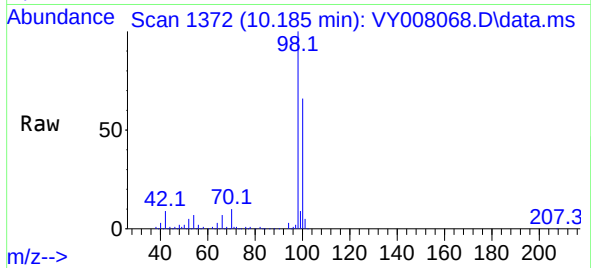




#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

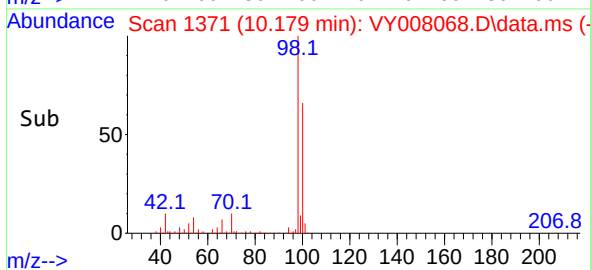
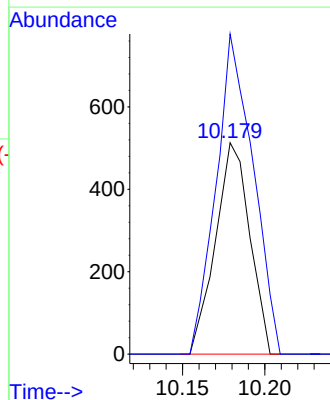
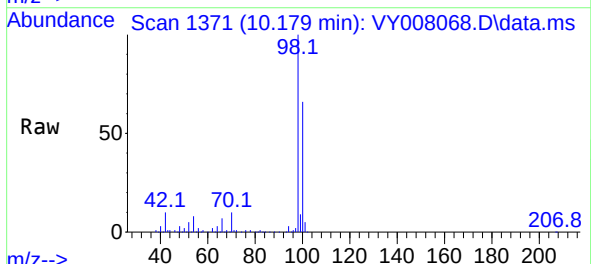
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ClientSampleId :
SB-07-2.0-3.0

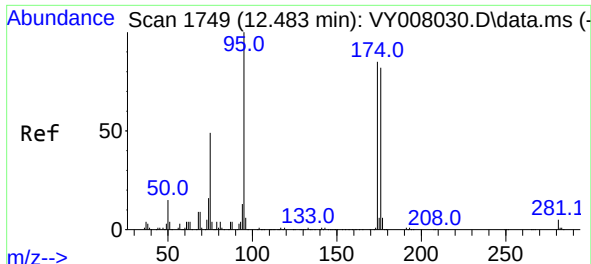
Tgt Ion: 98 Resp: 175403
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 163.7 28.1 42.1#

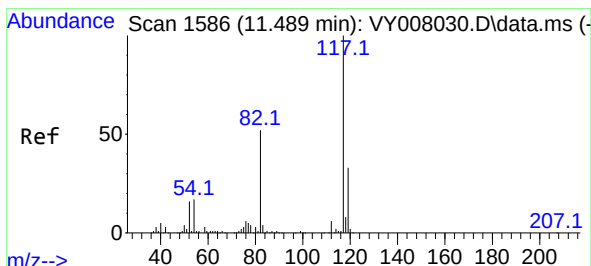
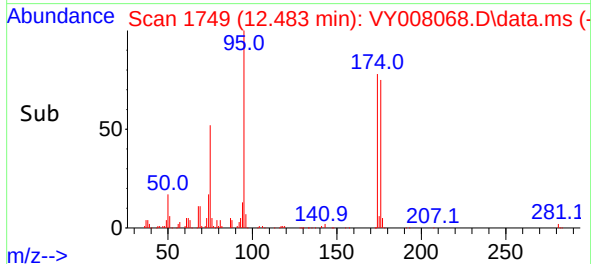
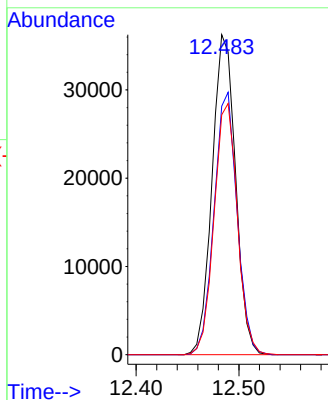
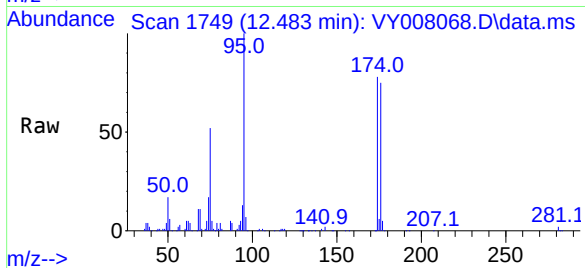




#62
4-Bromofluorobenzene
Concen: 47.101 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

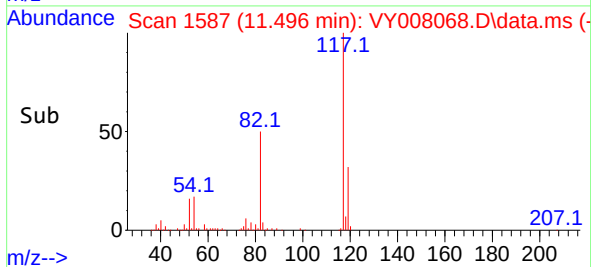
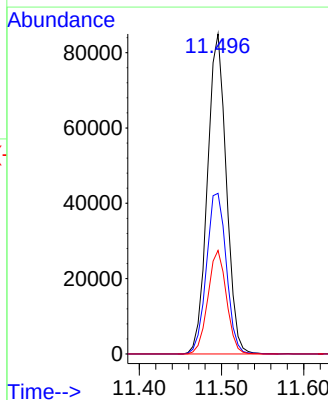
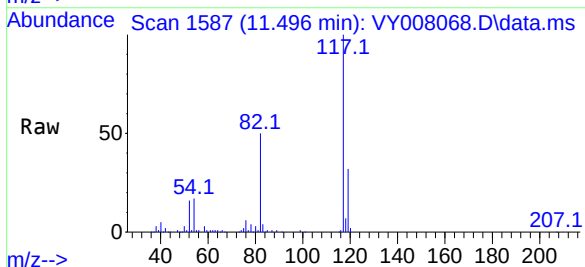
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

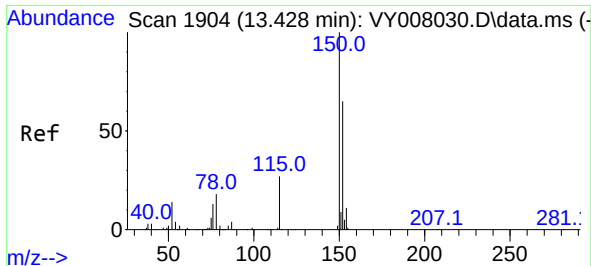
Tgt Ion:	95	Resp:	57296
Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	177.0
176	78.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008068.D
Acq: 28 Mar 2022 16:40

Tgt Ion:	117	Resp:	135534
Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.0	64.4
119	32.4	25.4	38.0

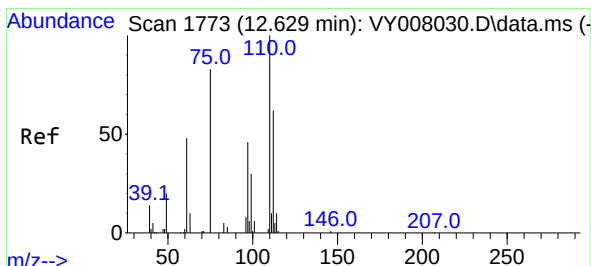
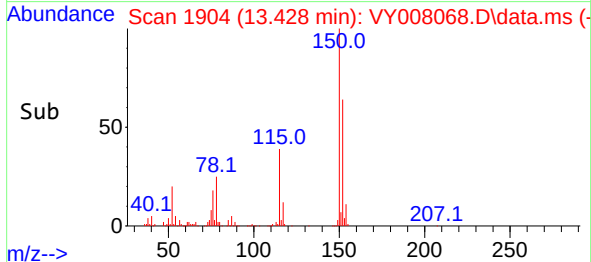
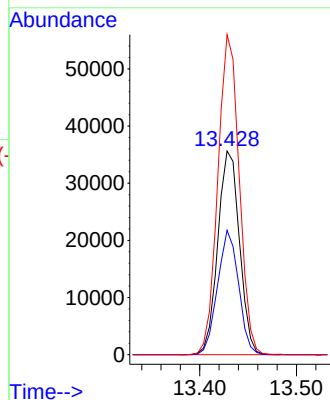
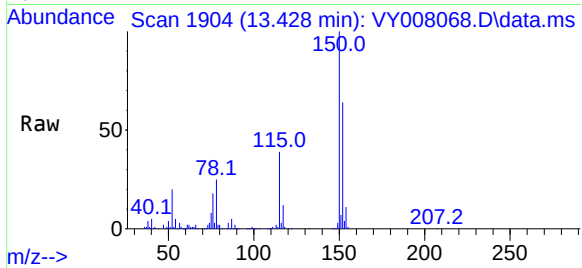




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008068.D
 Acq: 28 Mar 2022 16:40

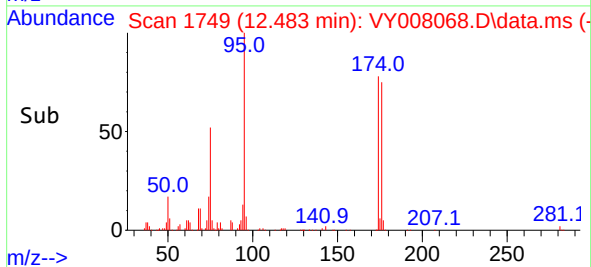
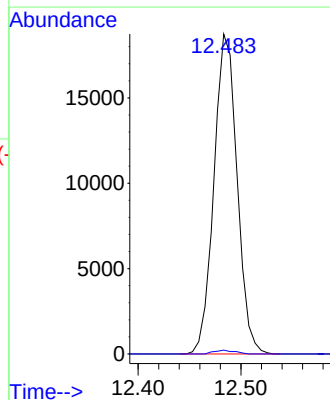
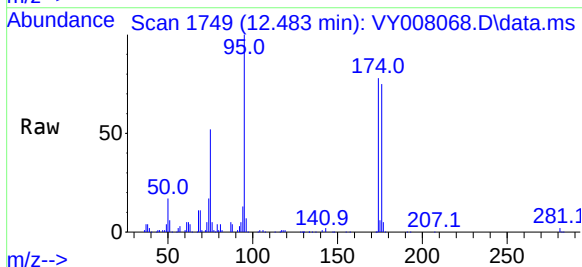
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-2.0-3.0

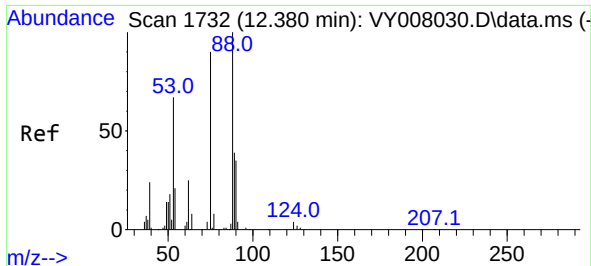
Tgt Ion:152 Resp: 55384
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.2 84.7
 150 154.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.368 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008068.D
 Acq: 28 Mar 2022 16:40

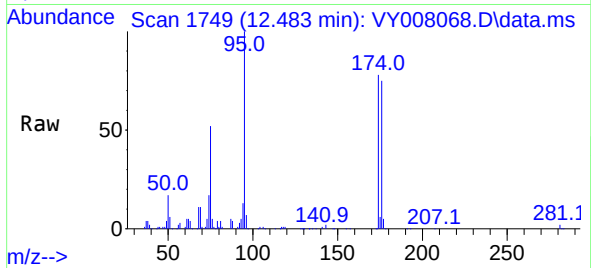
Tgt Ion: 75 Resp: 29279
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.760 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008068.D
 Acq: 28 Mar 2022 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-2.0-3.0



Tgt Ion: 75 Resp: 29279
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

