

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008702.D
 Acq On : 11 May 2022 13:19
 Operator : KP/MD
 Sample : N2762-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02RE

Quant Time: May 12 06:27:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

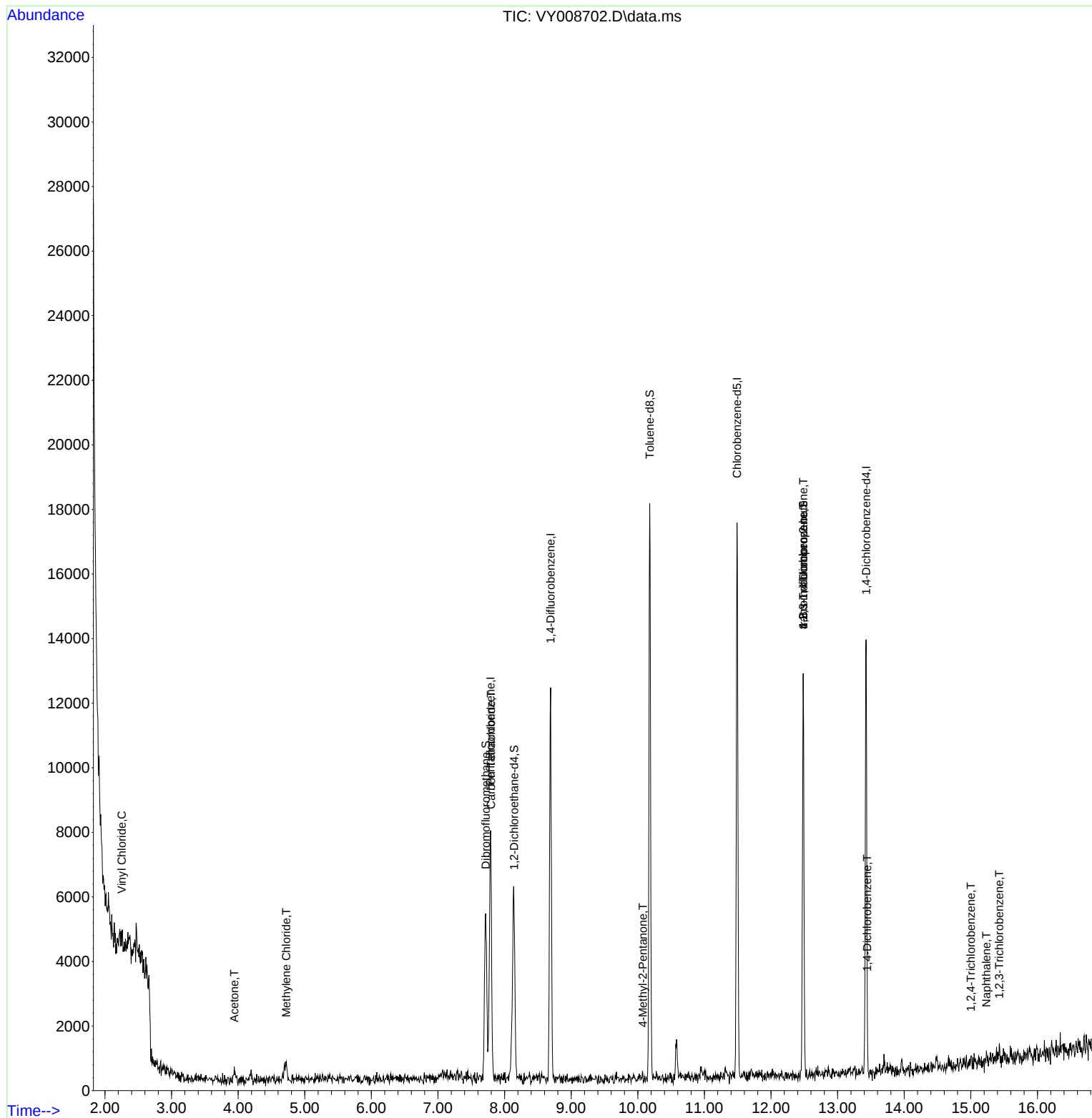
Internal Standards						
1) Pentafluorobenzene	7.789	168	7322	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	11091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4062	64.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.480%	
35) Dibromofluoromethane	7.716	113	4076	59.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.280%	
50) Toluene-d8	10.179	98	12893	53.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.483	95	3811	43.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.960%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	132	2.207	ug/l	# 43
16) Acetone	3.942	43	417	28.172	ug/l	95
18) Methyl Acetate	4.192	43	25	Below Cal	#	56
20) Methylene Chloride	4.722	84	309	3.438	ug/l	# 60
38) Carbon Tetrachloride	7.795	117	715	6.437	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.075	43	99	1.908	ug/l	# 40
76) 1,2,3-Trichloropropane	12.483	75	2022	46.170	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	2022	91.858	ug/l	# 7
88) 1,4-Dichlorobenzene	13.446	146	178	1.250	ug/l	# 25
93) 1,2,4-Trichlorobenzene	15.001	180	163	2.003	ug/l	# 52
95) Naphthalene	15.233	128	358	2.150	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.428	180	85	1.185	ug/l	# 75

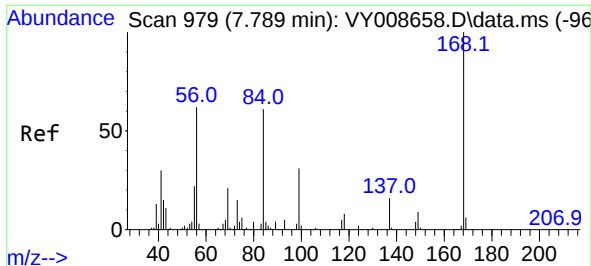
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008702.D
Acq On : 11 May 2022 13:19
Operator : KP/MD
Sample : N2762-01RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

Quant Time: May 12 06:27:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

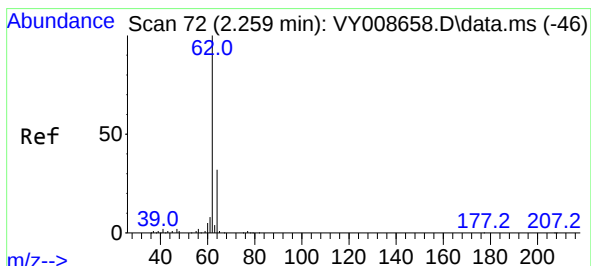
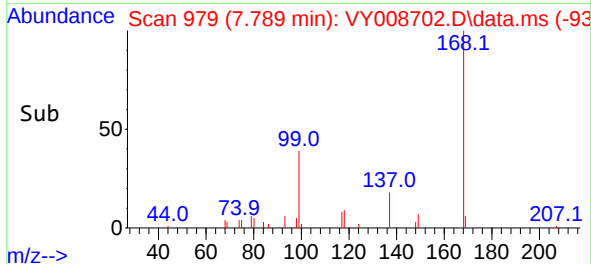
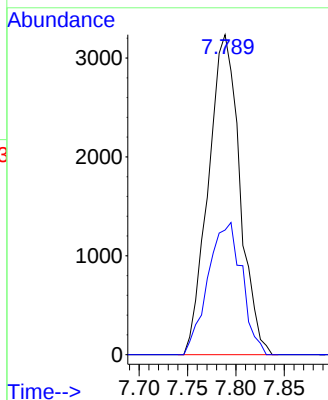
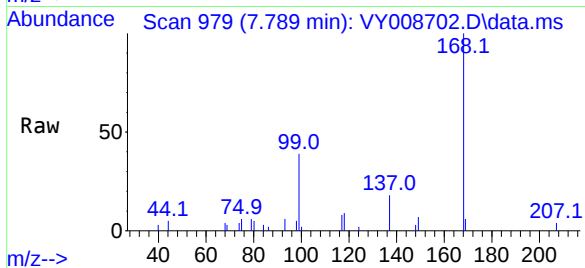




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

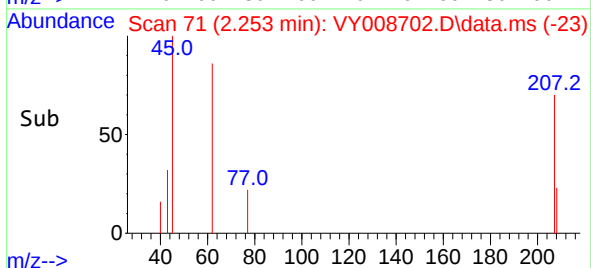
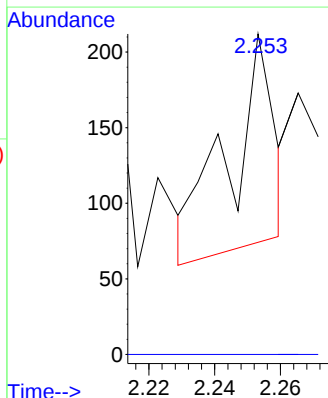
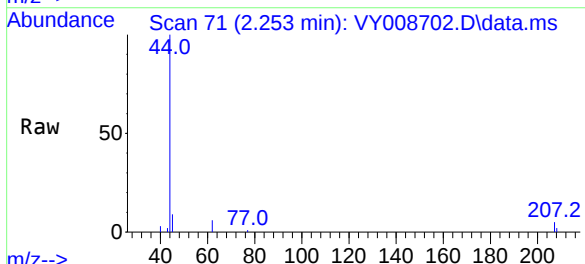
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

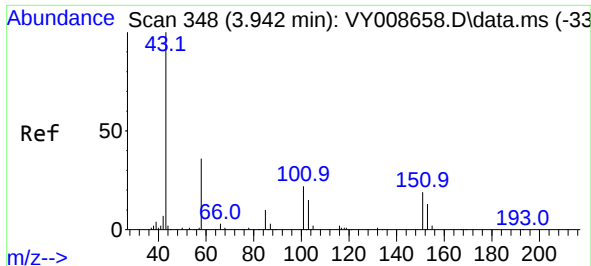
Tgt Ion:168 Resp: 7322
Ion Ratio Lower Upper
168 100
99 38.9 46.9 70.3#



#4
Vinyl Chloride
Concen: 2.207 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion: 62 Resp: 132
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

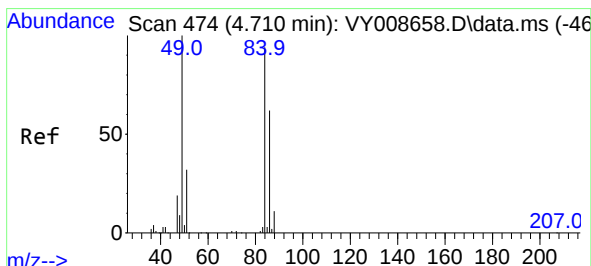
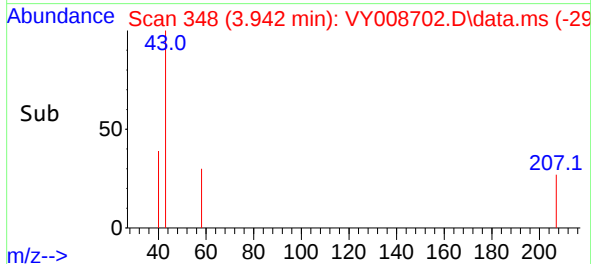
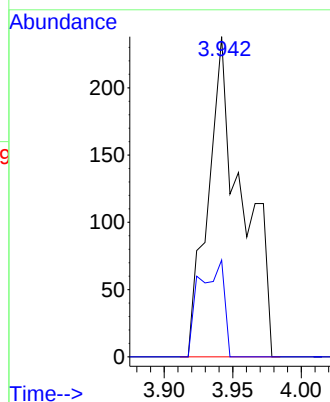
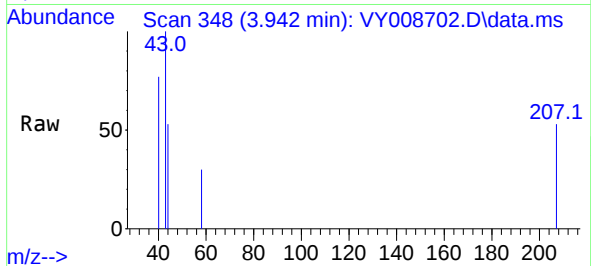




#16
Acetone
Concen: 28.172 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

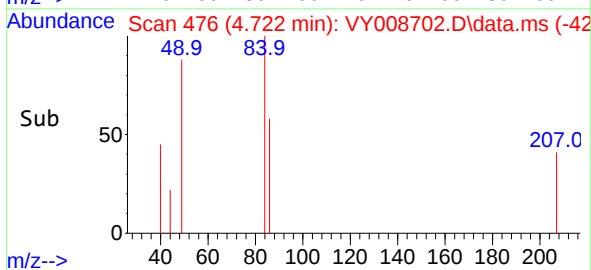
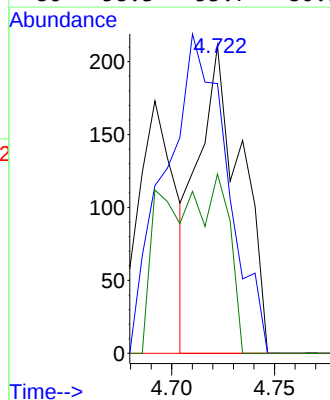
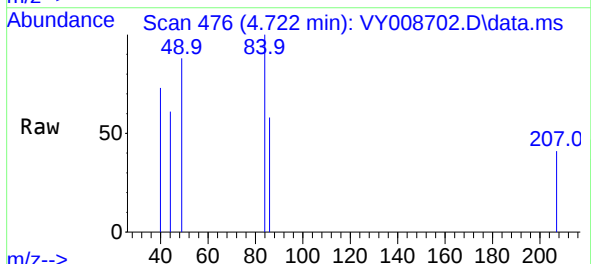
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

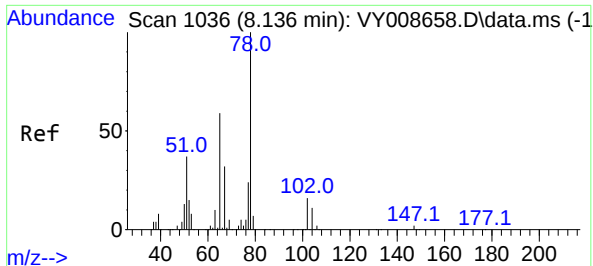
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0



#20
Methylene Chloride
Concen: 3.438 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 87.7 114.4 171.6#
51 0.0 35.3 52.9#
86 58.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 64.745 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY008702.D

Acq: 11 May 2022 13:19

Instrument :

MSVOA_Y

ClientSampleId :

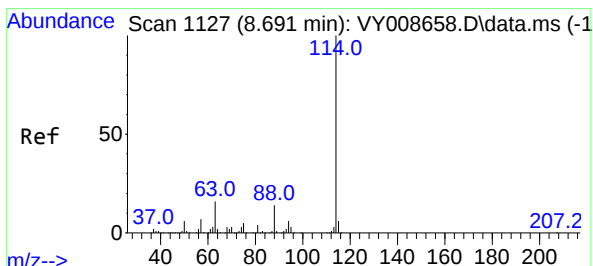
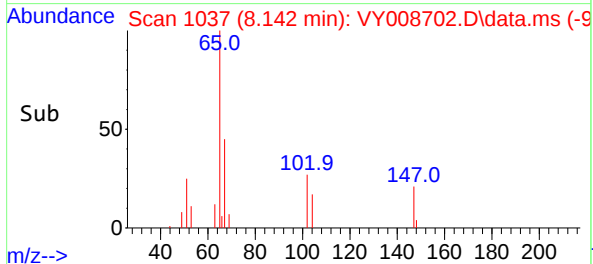
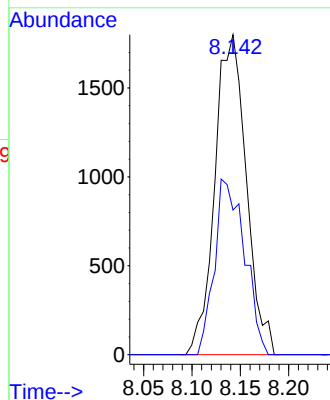
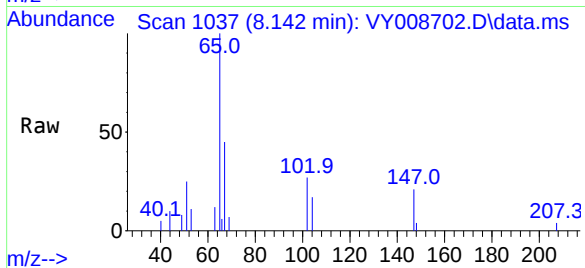
SB02RE

Tgt Ion: 65 Resp: 4062

Ion Ratio Lower Upper

65 100

67 52.4 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: VY008702.D

Acq: 11 May 2022 13:19

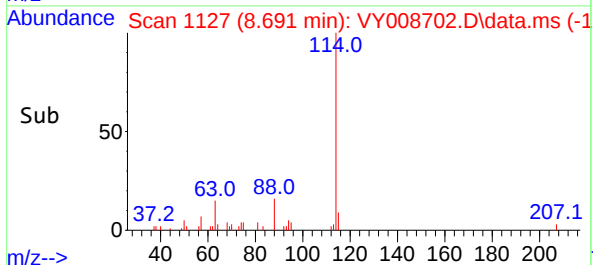
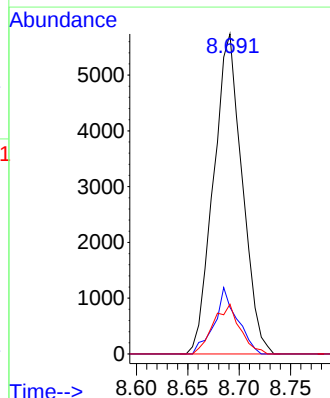
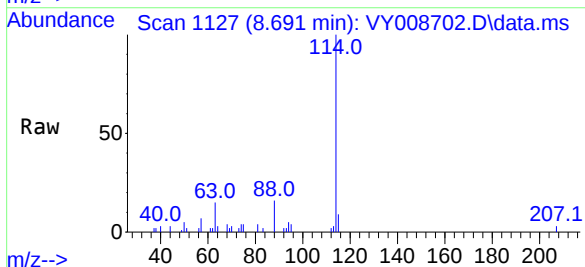
Tgt Ion: 114 Resp: 11091

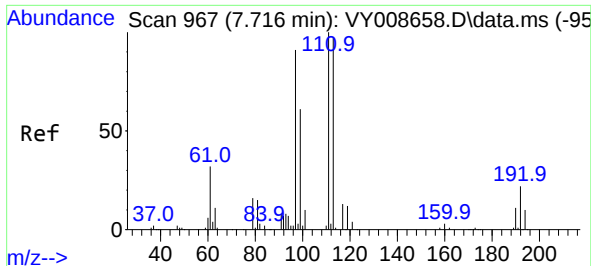
Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.2

88 15.6 0.0 31.8

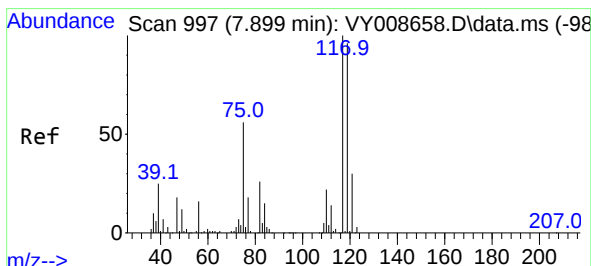
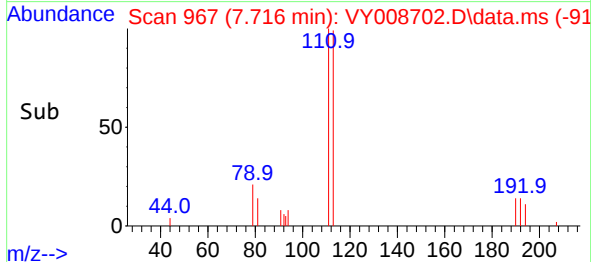
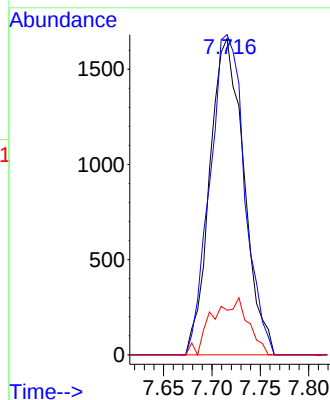
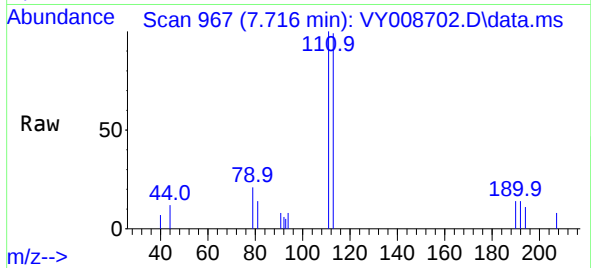




#35
Dibromofluoromethane
Concen: 59.636 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

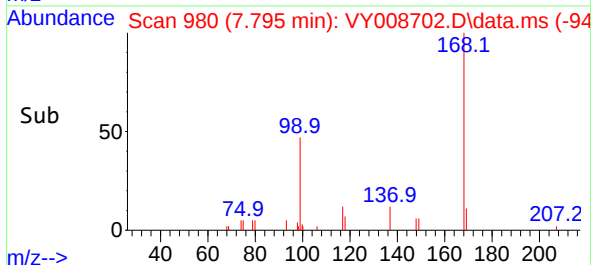
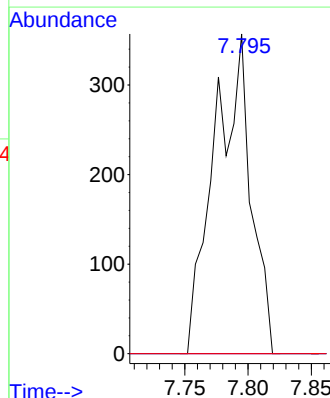
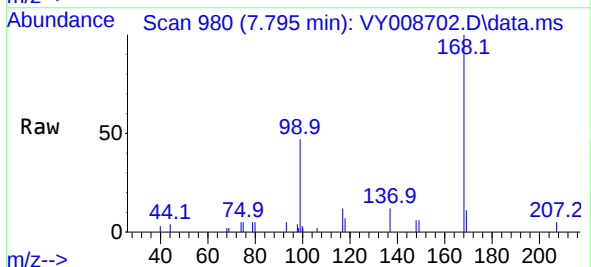
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

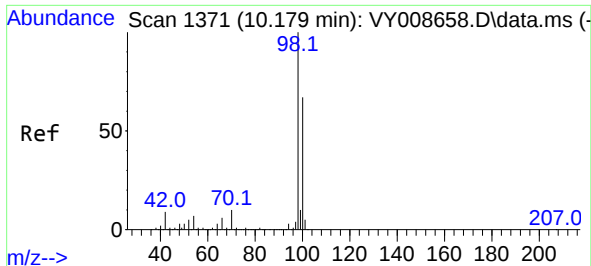
Tgt Ion:113 Resp: 4076
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.9 17.6 26.4



#38
Carbon Tetrachloride
Concen: 6.437 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion:117 Resp: 715
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

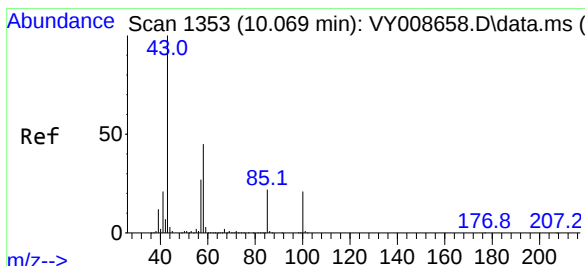
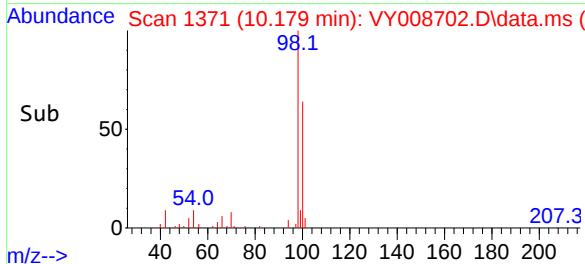
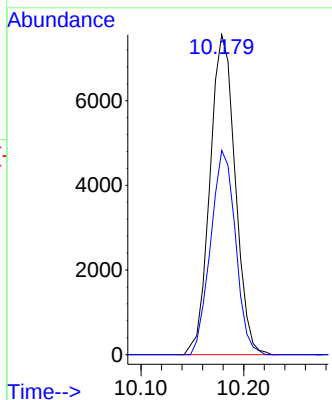
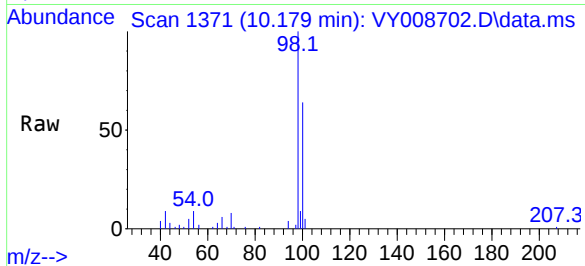




#50
Toluene-d8
Concen: 53.530 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

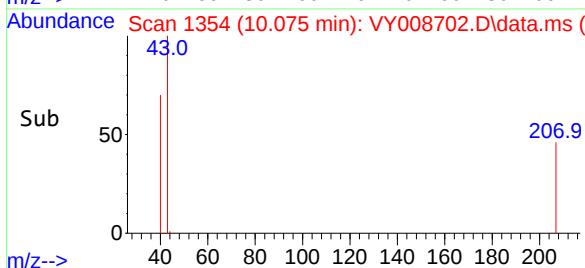
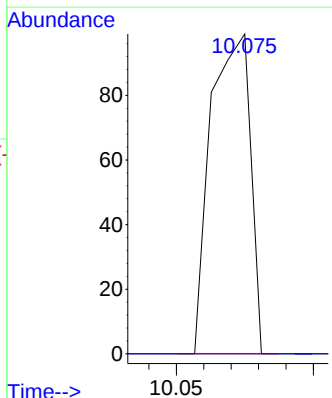
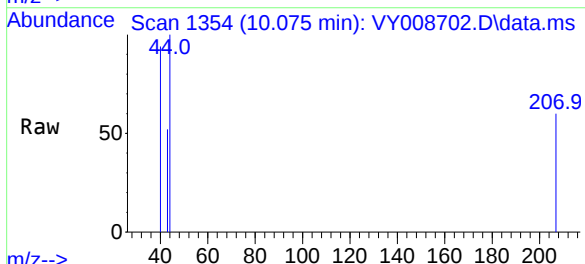
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

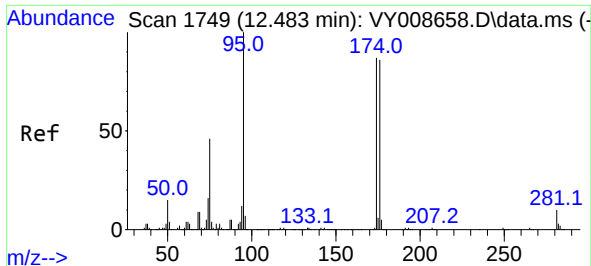
Tgt Ion: 98 Resp: 12893
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.908 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

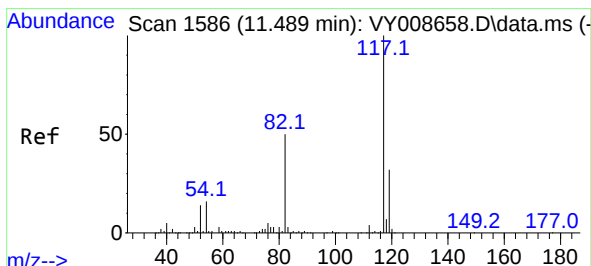
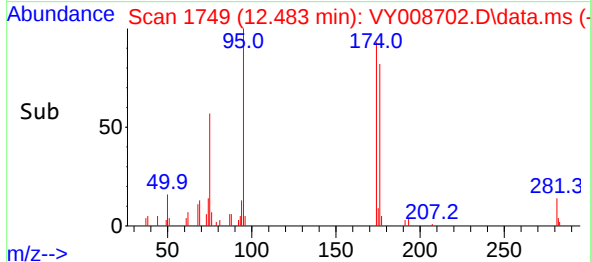
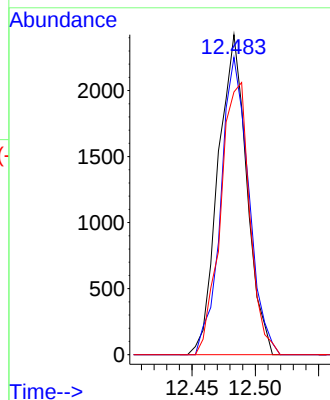
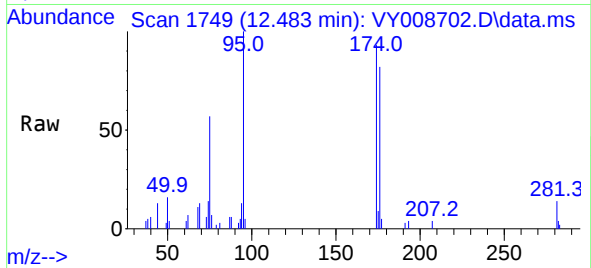




#62
4-Bromofluorobenzene
Concen: 43.981 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

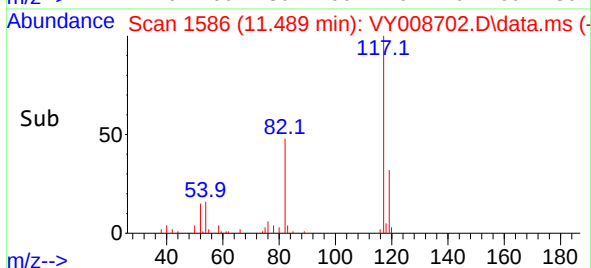
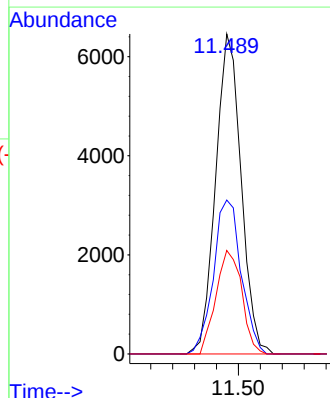
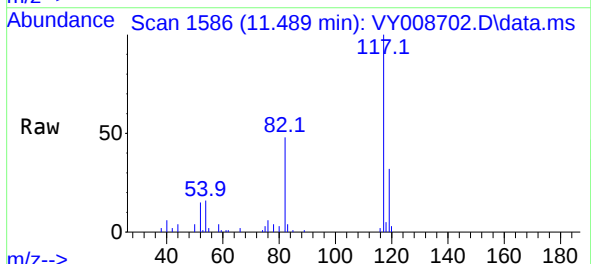
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

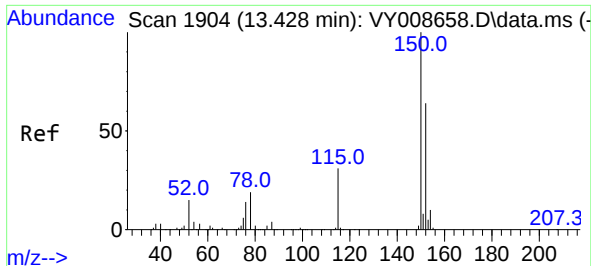
Tgt Ion:	95	Resp:	3811
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.0
176	86.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion:	117	Resp:	10425
Ion	Ratio	Lower	Upper
117	100		
82	48.1	43.0	64.4
119	32.4	25.4	38.0

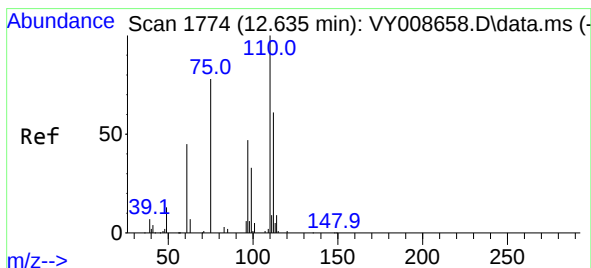
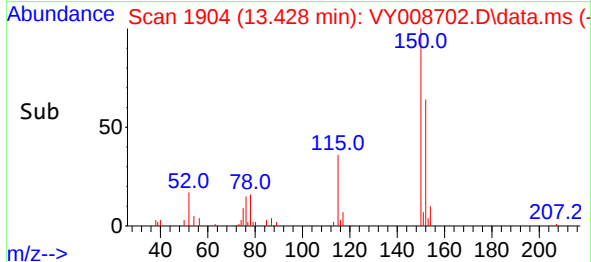
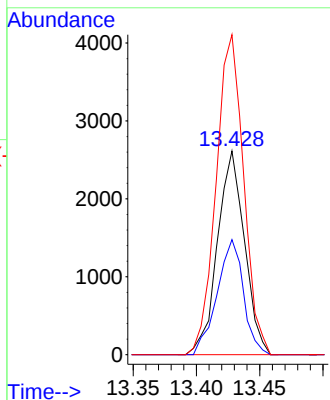
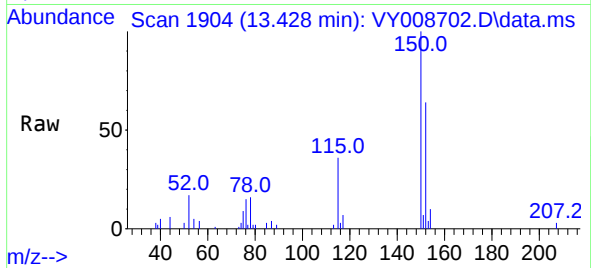




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

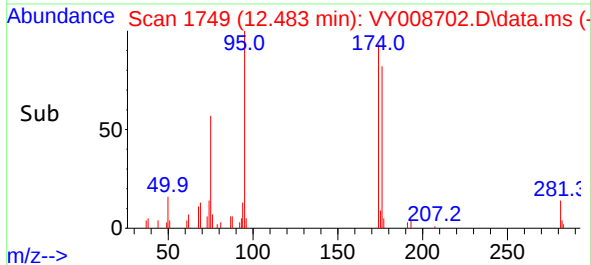
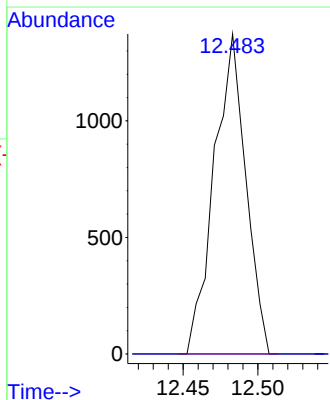
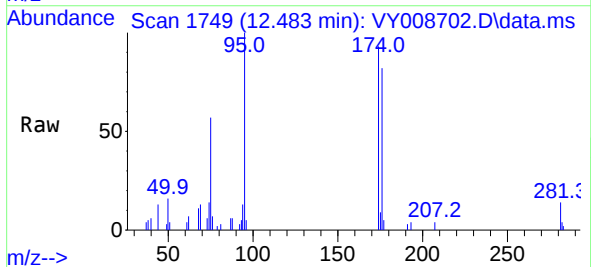
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

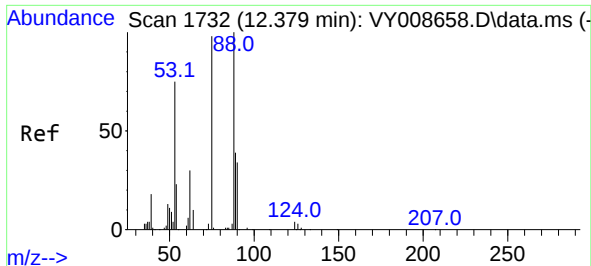
Tgt Ion:152 Resp: 3885
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 160.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

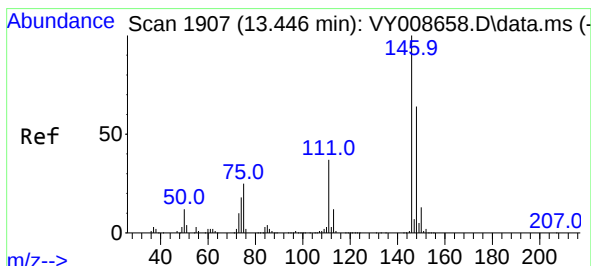
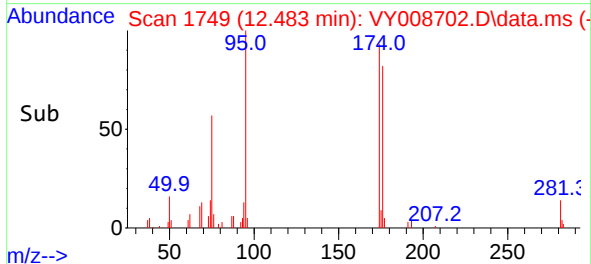
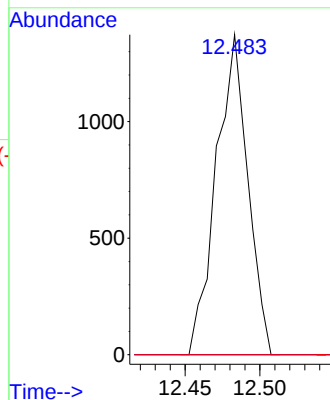
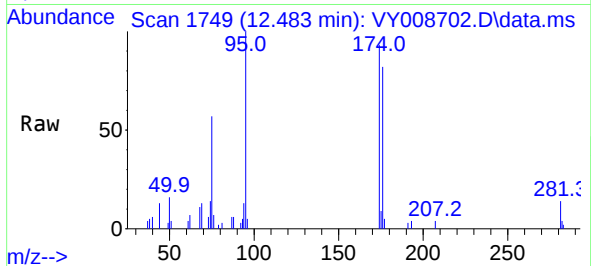




#81
trans-1,4-Dichloro-2-butene
Concen: 91.858 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

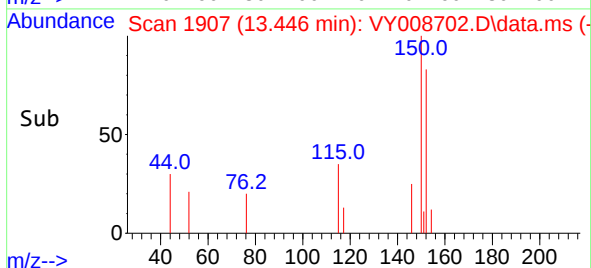
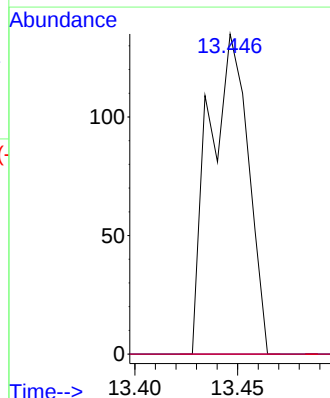
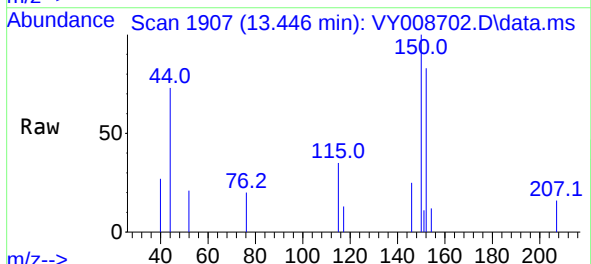
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

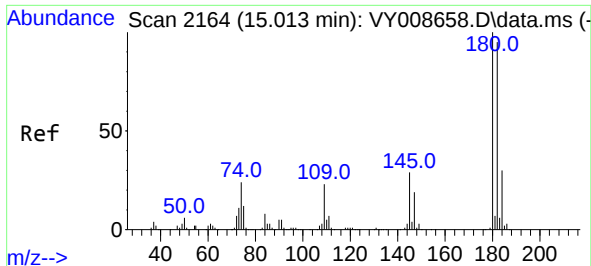
Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#88
1,4-Dichlorobenzene
Concen: 1.250 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

Tgt Ion:146 Resp: 178
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.8#
148 0.0 32.6 97.8#

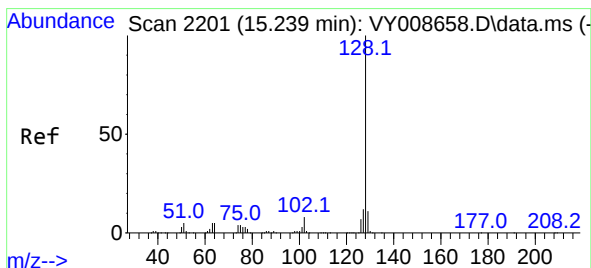
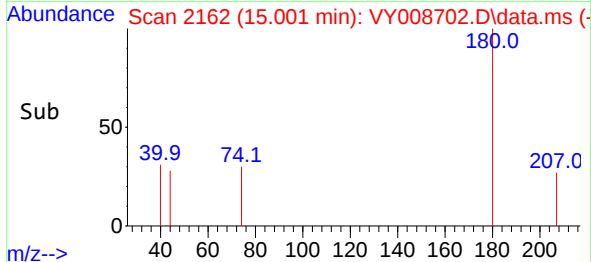
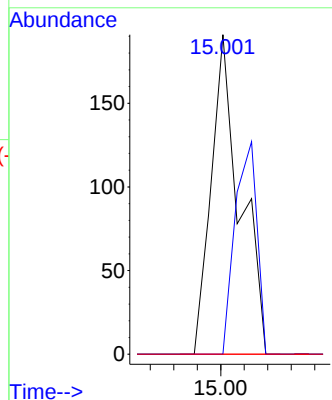
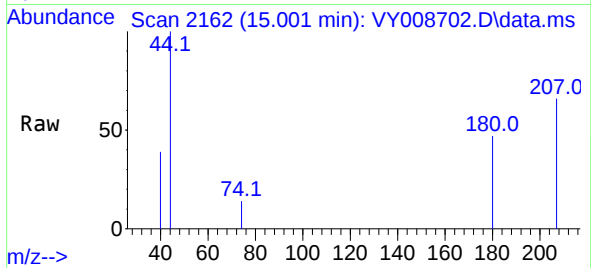




#93
1,2,4-Trichlorobenzene
Concen: 2.003 ug/l
RT: 15.001 min Scan# 2164
Delta R.T. -0.012 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

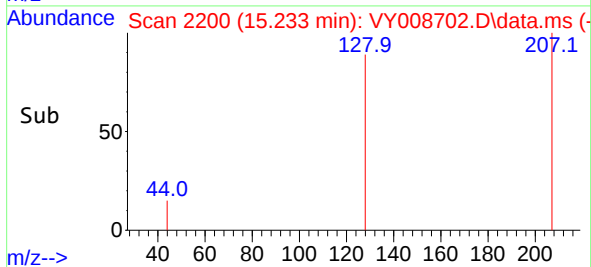
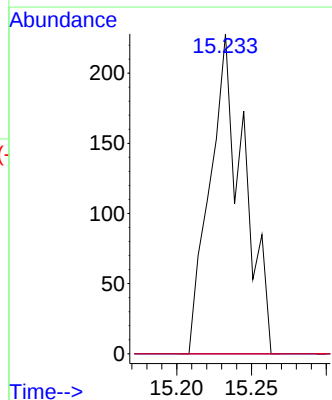
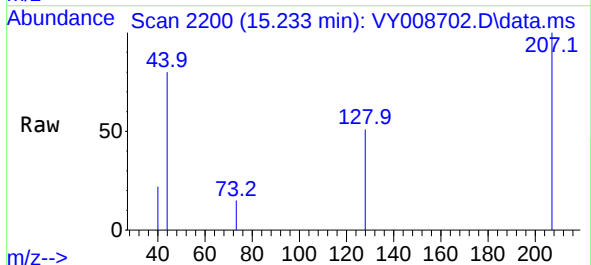
Instrument :
MSVOA_Y
ClientSampleId :
SB02RE

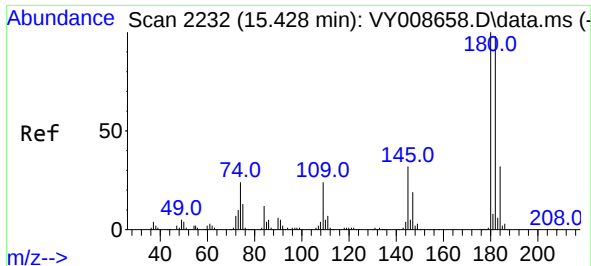
Tgt Ion:180 Resp: 163
Ion Ratio Lower Upper
180 100
182 50.3 47.3 141.9
145 0.0 14.6 43.8#



#95
Naphthalene
Concen: 2.150 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY008702.D
Acq: 11 May 2022 13:19

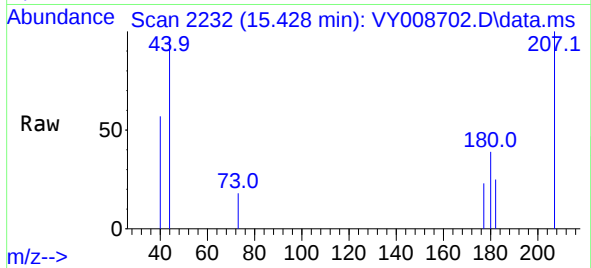
Tgt Ion:128 Resp: 358
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.185 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY008702.D
 Acq: 11 May 2022 13:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02RE



Tgt Ion:	180	Resp:	85
Ion	Ratio	Lower	Upper
180	100		
182	109.4	47.3	141.9
145	0.0	15.3	45.9#

