

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008710.D
 Acq On : 11 May 2022 16:27
 Operator : KP/MD
 Sample : N2762-04RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05

Quant Time: May 12 06:29:56 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)

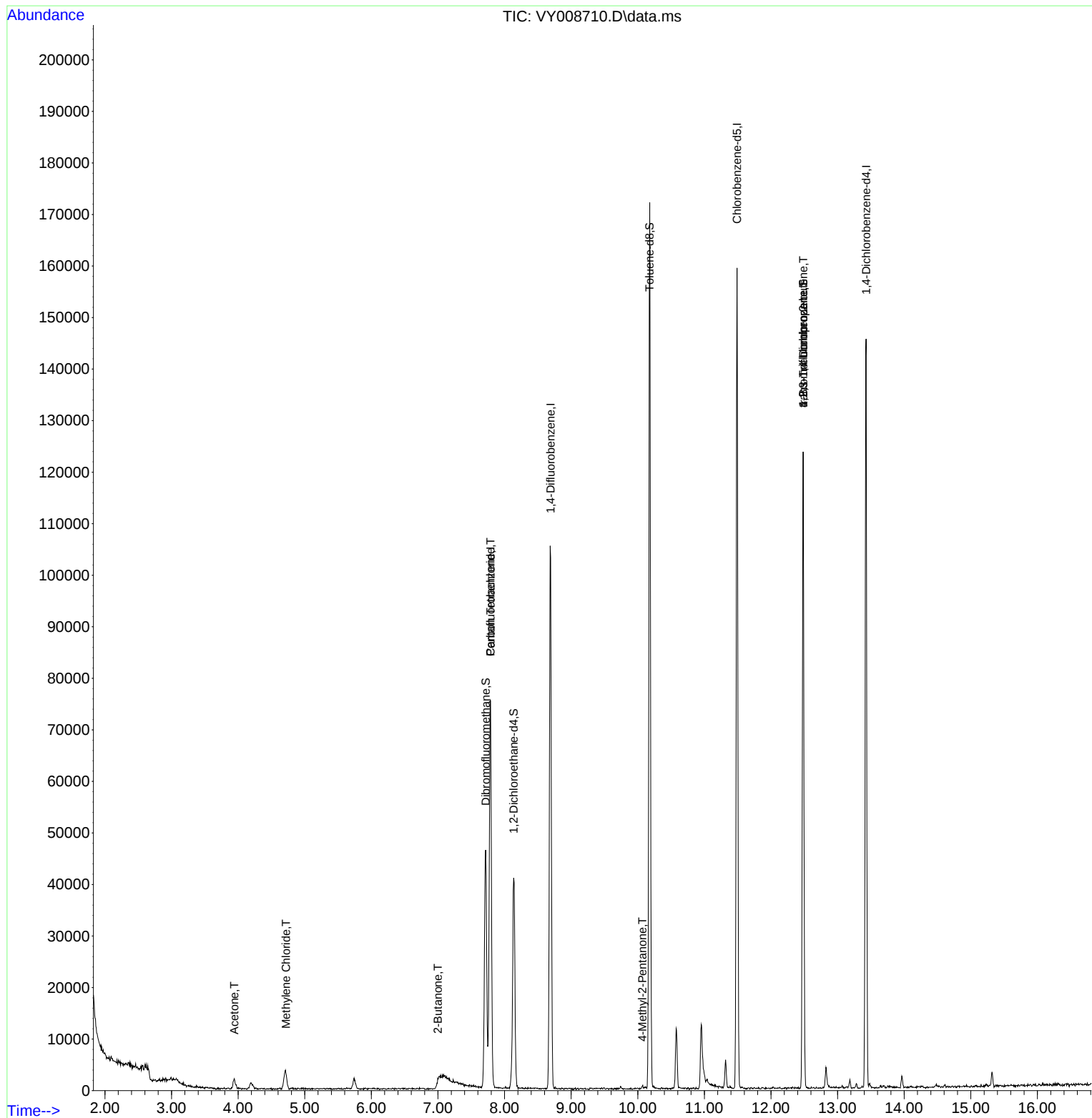
Internal Standards						
1) Pentafluorobenzene	7.789	168	64214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	99550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	30984	56.312	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.620%		
35) Dibromofluoromethane	7.716	113	33884	55.233	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.460%		
50) Toluene-d8	10.179	98	116401	53.843	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.680%		
62) 4-Bromofluorobenzene	12.483	95	35368	45.474	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 90.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	74	Below Cal	#	77
16) Acetone	3.942	43	3334	25.683	ug/l	# 87
18) Methyl Acetate	4.210	43	289	Below Cal	#	56
20) Methylene Chloride	4.716	84	2993	3.797	ug/l	# 67
25) 2-Butanone	6.997	43	218	1.022	ug/l	# 54
38) Carbon Tetrachloride	7.789	117	5748	5.766	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.069	43	522	1.121	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	17031	36.779	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	17031	73.174	ug/l	# 7

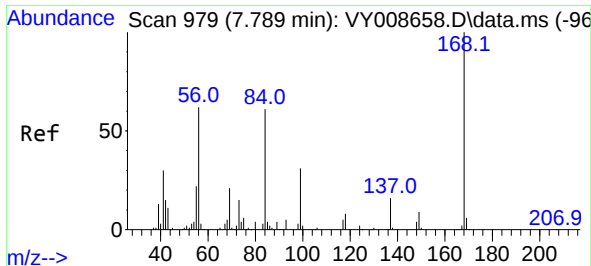
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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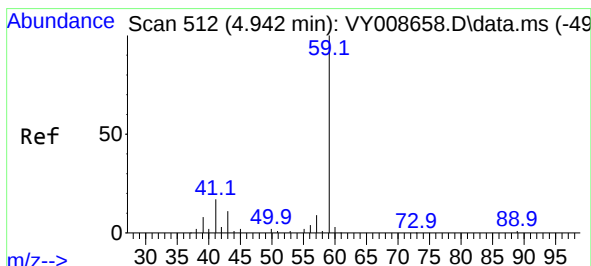
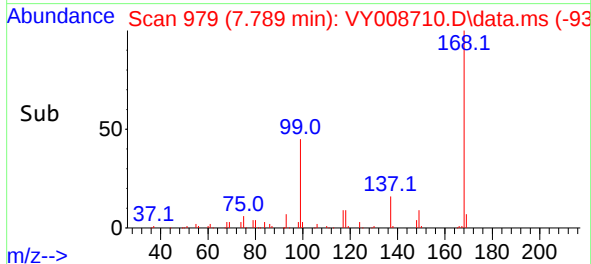
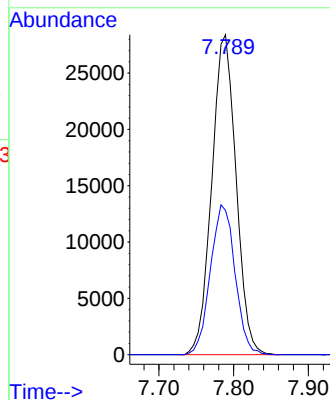
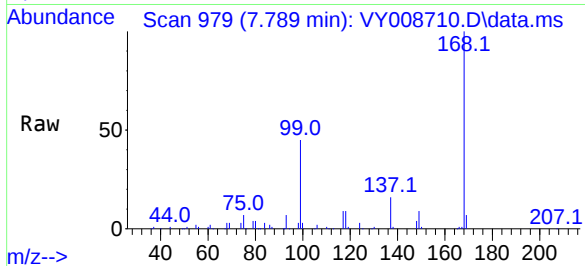




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

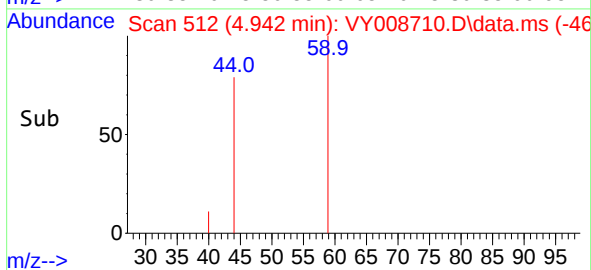
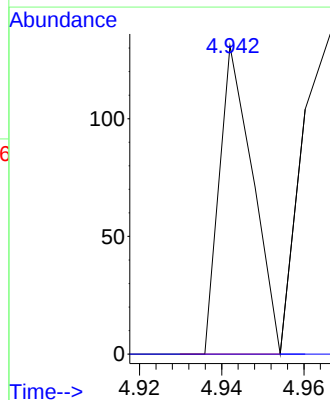
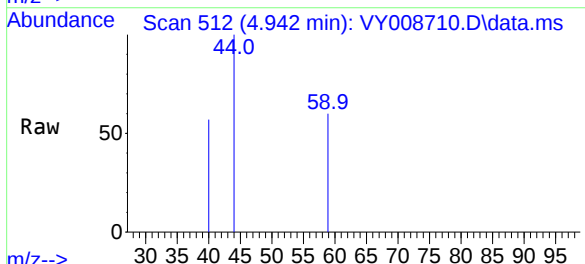
Instrument :
MSVOA_Y
ClientSampleId :
SB05

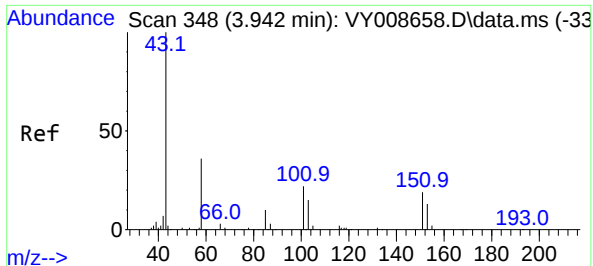
Tgt Ion:168 Resp: 64214
Ion Ratio Lower Upper
168 100
99 45.1 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

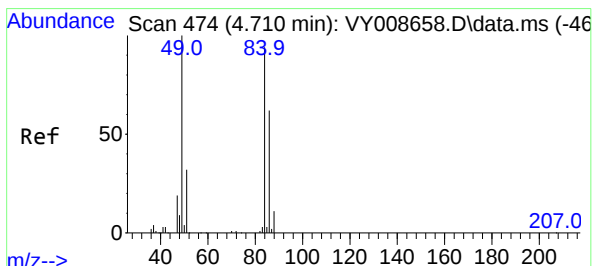
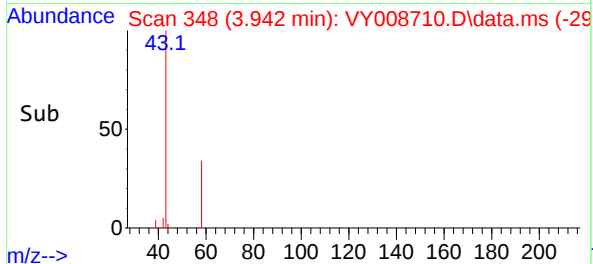
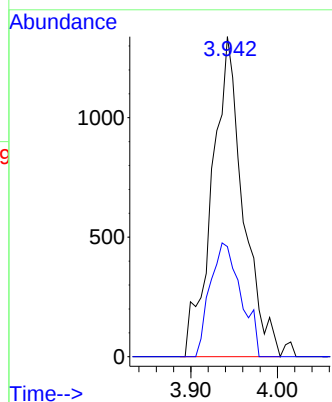
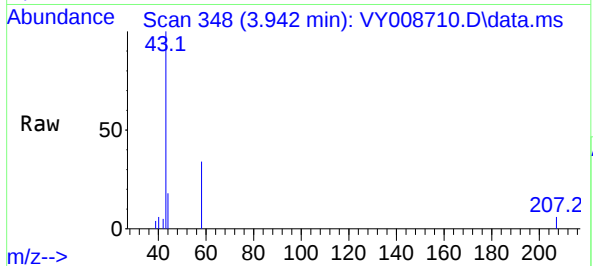




#16
Acetone
Concen: 25.683 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

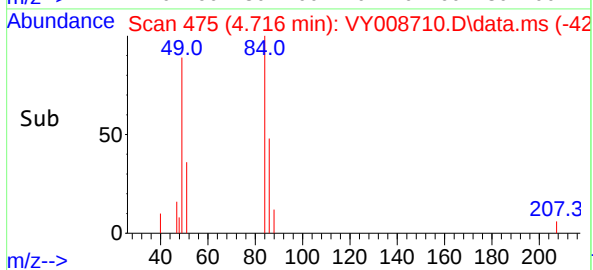
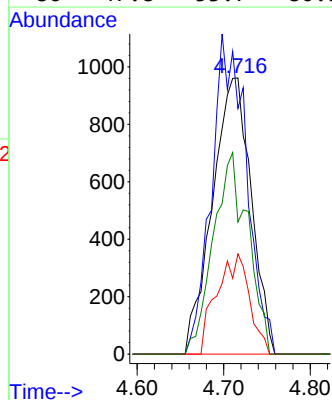
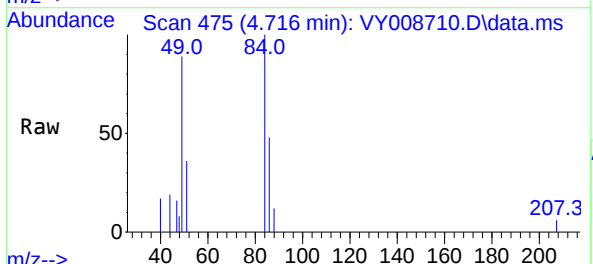
Instrument :
MSVOA_Y
ClientSampleId :
SB05

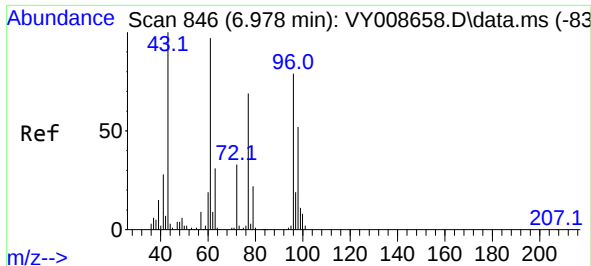
Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#



#20
Methylene Chloride
Concen: 3.797 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 84 Resp: 2993
Ion Ratio Lower Upper
84 100
49 89.0 114.4 171.6#
51 36.3 35.3 52.9
86 47.8 53.7 80.5#

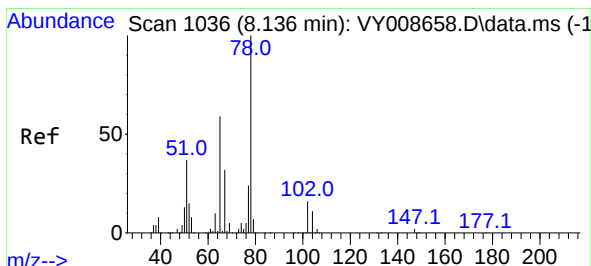
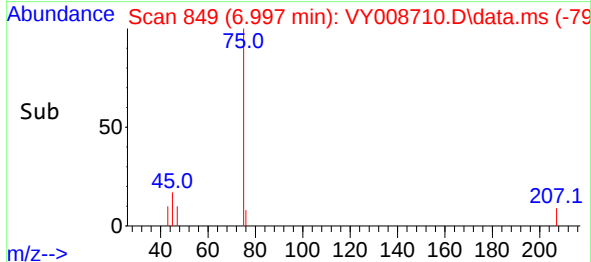
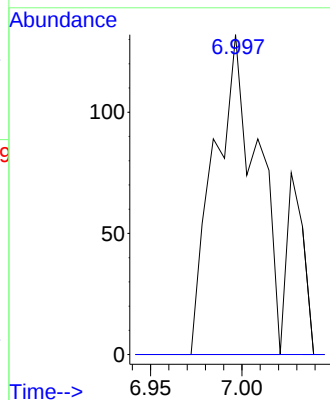
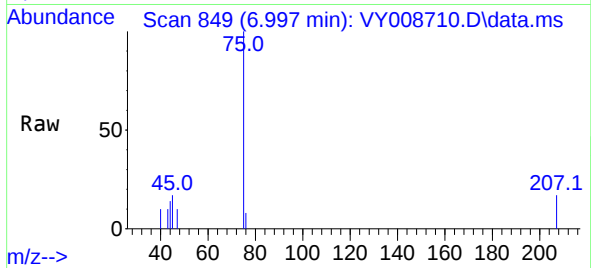




#25
2-Butanone
Concen: 1.022 ug/l
RT: 6.997 min Scan# 84
Delta R.T. 0.019 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

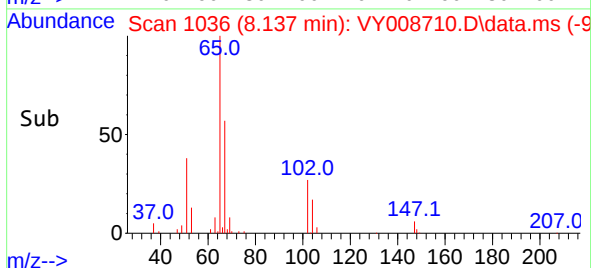
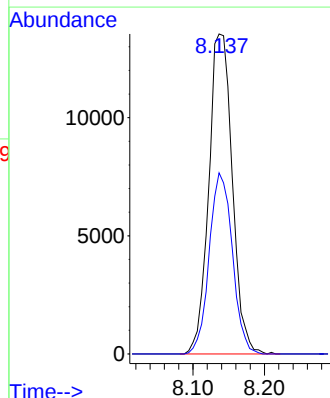
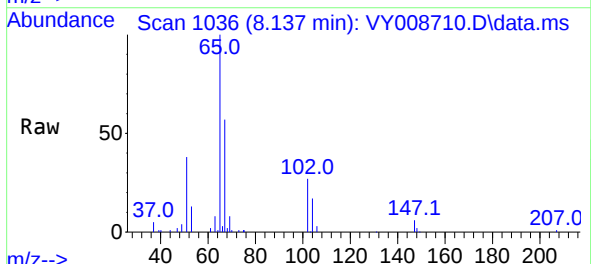
Instrument :
MSVOA_Y
ClientSampleId :
SB05

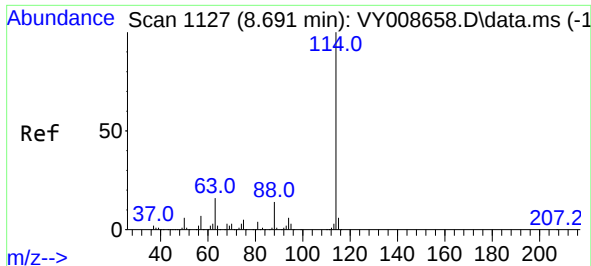
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 56.312 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 65 Resp: 30984
Ion Ratio Lower Upper
65 100
67 55.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008710.D

Acq: 11 May 2022 16:27

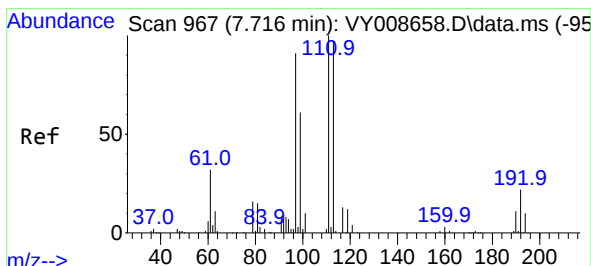
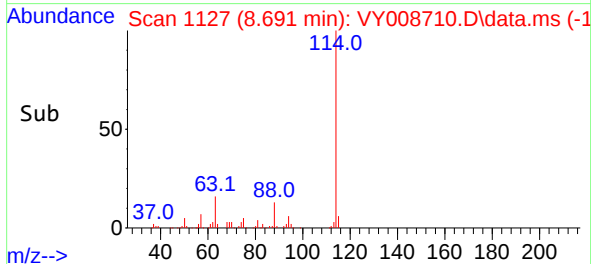
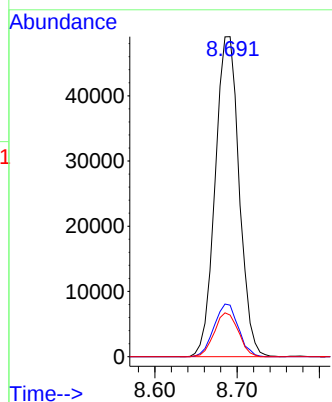
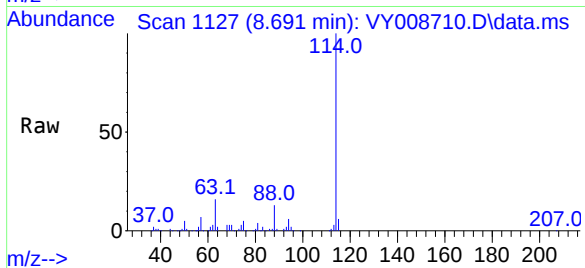
Instrument :

MSVOA_Y

ClientSampleId :

SB05

Tgt Ion:	114	Resp:	99550
Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	43.2
88	13.0	0.0	31.8



#35

Dibromofluoromethane

Concen: 55.233 ug/l

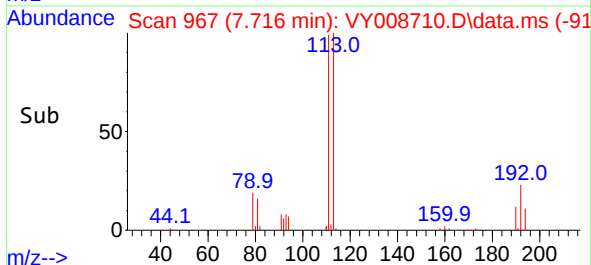
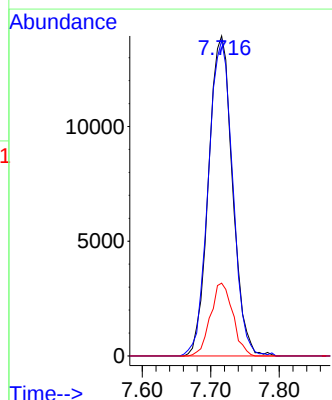
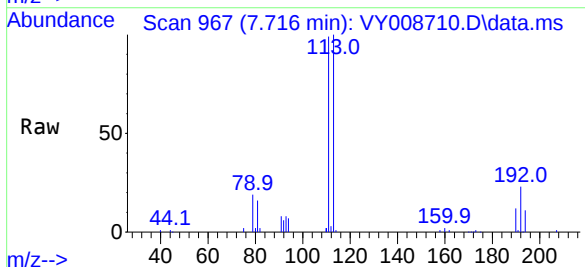
RT: 7.716 min Scan# 967

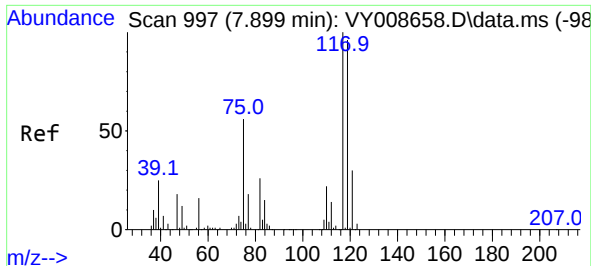
Delta R.T. -0.000 min

Lab File: VY008710.D

Acq: 11 May 2022 16:27

Tgt Ion:	113	Resp:	33884
Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.6	124.0
192	21.2	17.6	26.4

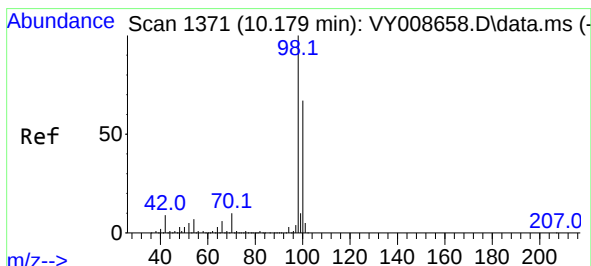
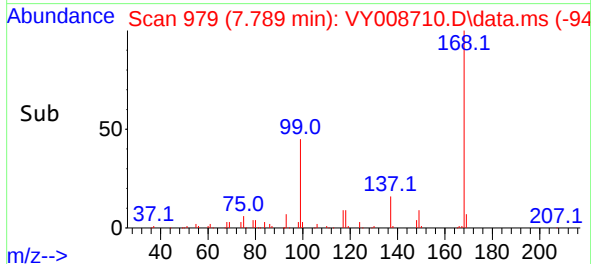
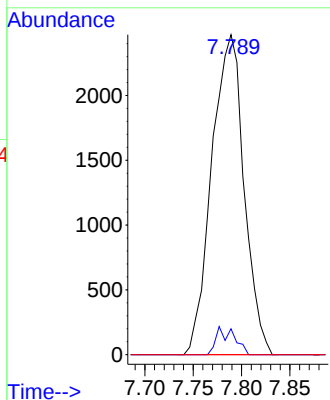
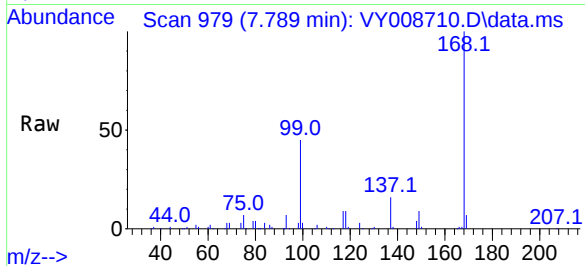




#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

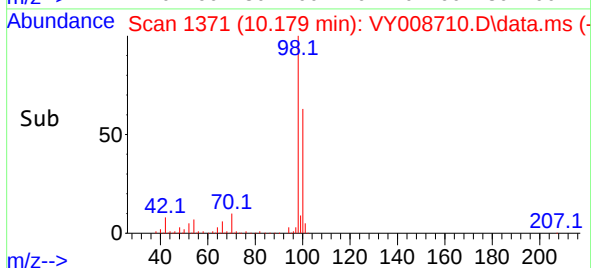
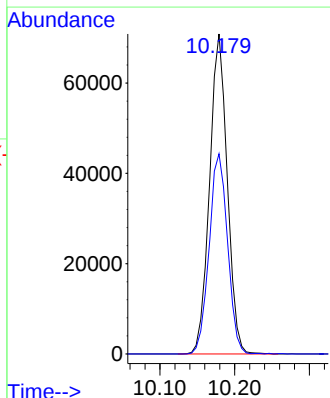
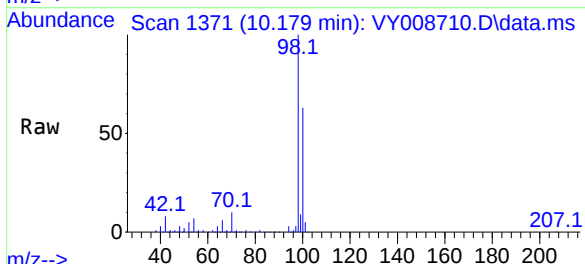
Instrument :
MSVOA_Y
ClientSampleId :
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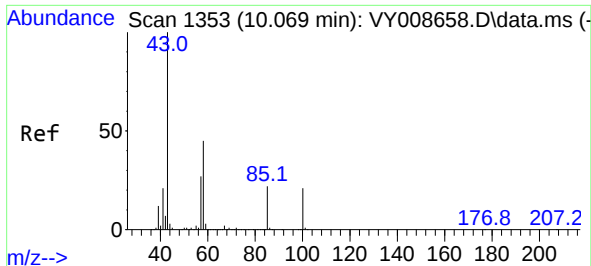
Tgt Ion:117 Resp: 5748
Ion Ratio Lower Upper
117 100
119 8.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.843 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 98 Resp: 116401
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

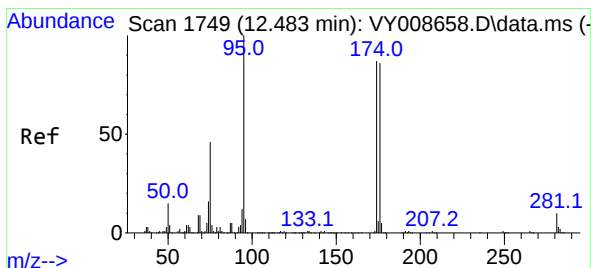
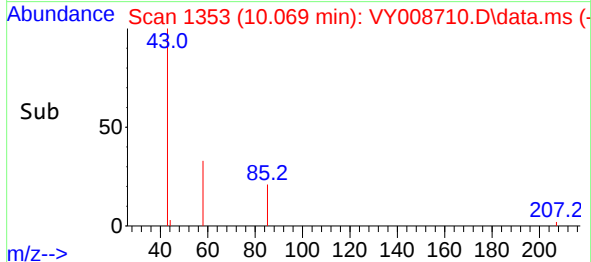
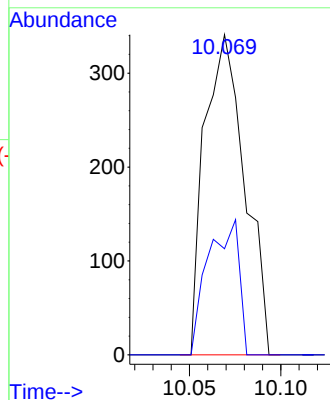
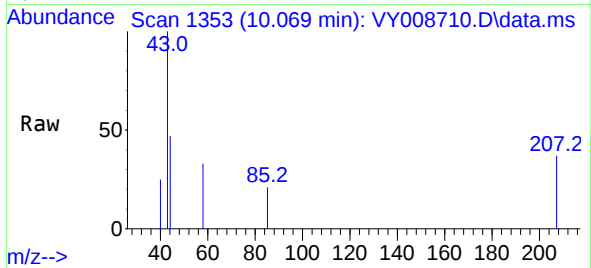




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

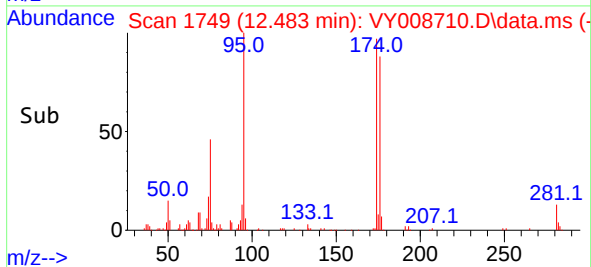
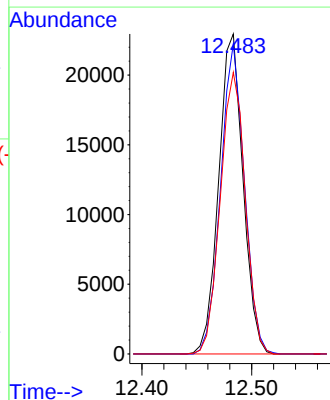
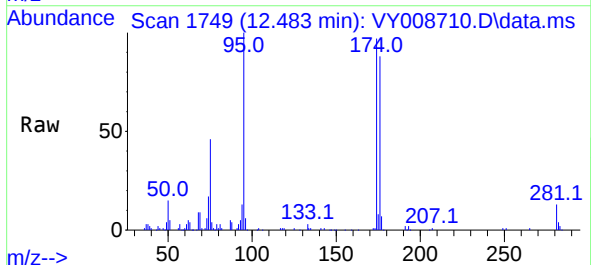
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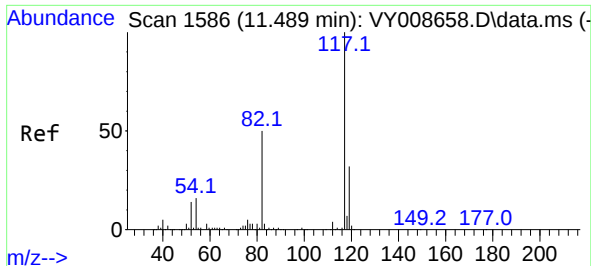
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 32.6 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 45.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 95 Resp: 35368
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 90.3 0.0 175.8

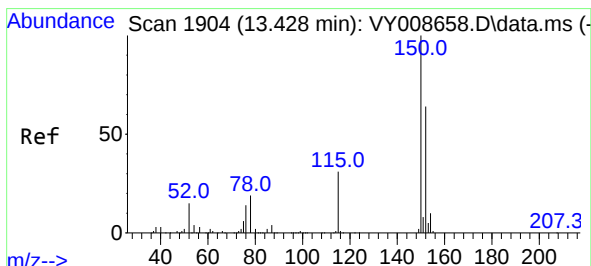
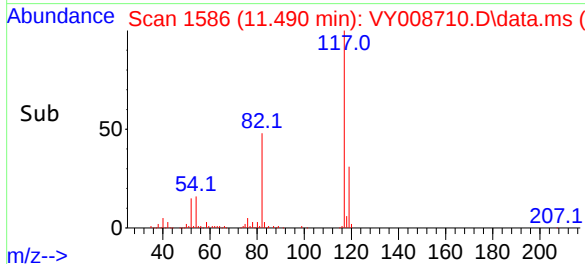
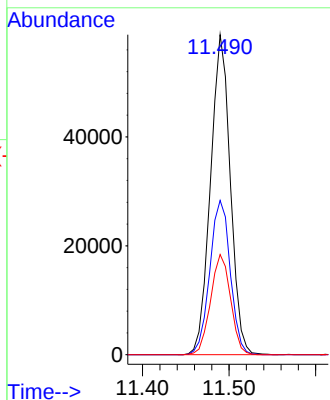
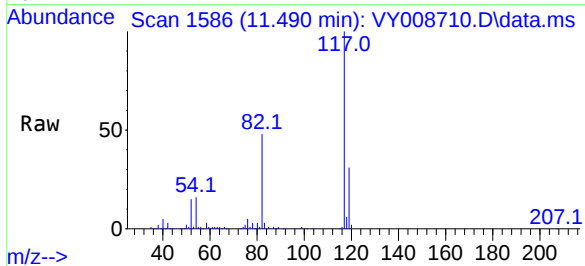




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

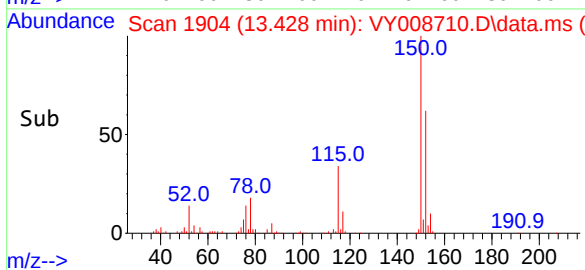
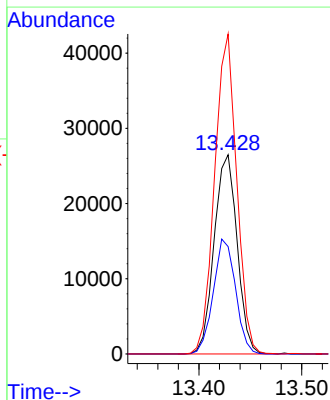
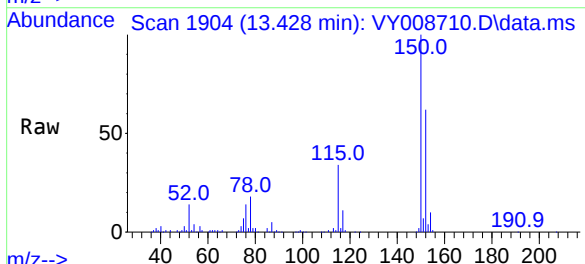
Instrument :
MSVOA_Y
ClientSampleId :
SB05

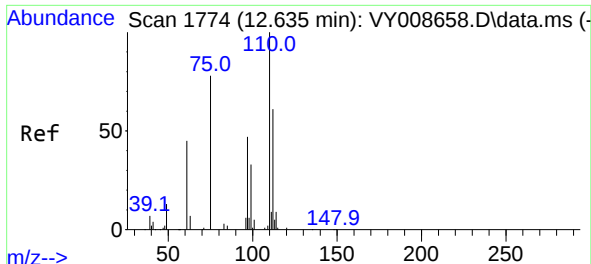
Tgt Ion:	117	Resp:	93379
Ion Ratio	Lower	Upper	
117	100		
82	48.2	43.0	64.4
119	31.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion:	152	Resp:	41078
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.2	84.7
150	154.2	0.0	347.6

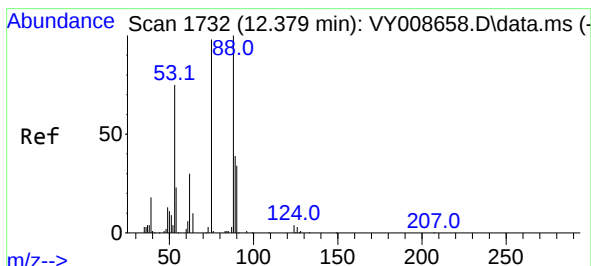
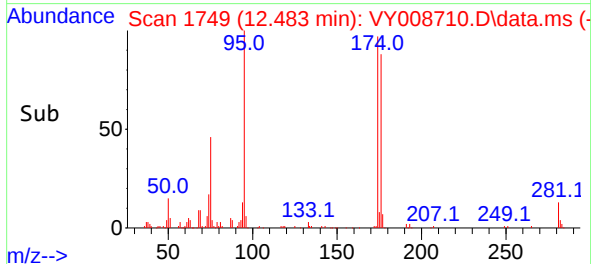
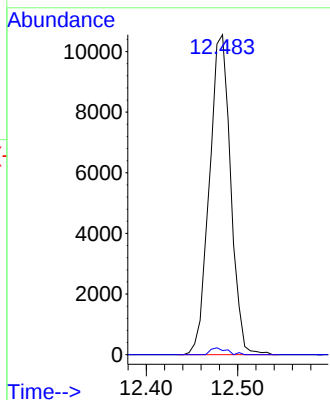
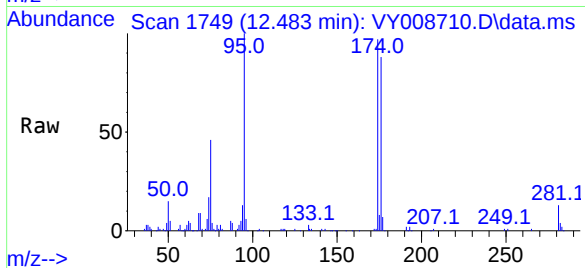




#76
1,2,3-Trichloropropane
Concen: 36.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SB05

Tgt Ion: 75 Resp: 17031
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008710.D
Acq: 11 May 2022 16:27

Tgt Ion: 75 Resp: 17031
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

