

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008693.D
 Acq On : 10 May 2022 20:28
 Operator : KP/MD
 Sample : N2762-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB18

Quant Time: May 11 04:35:20 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)

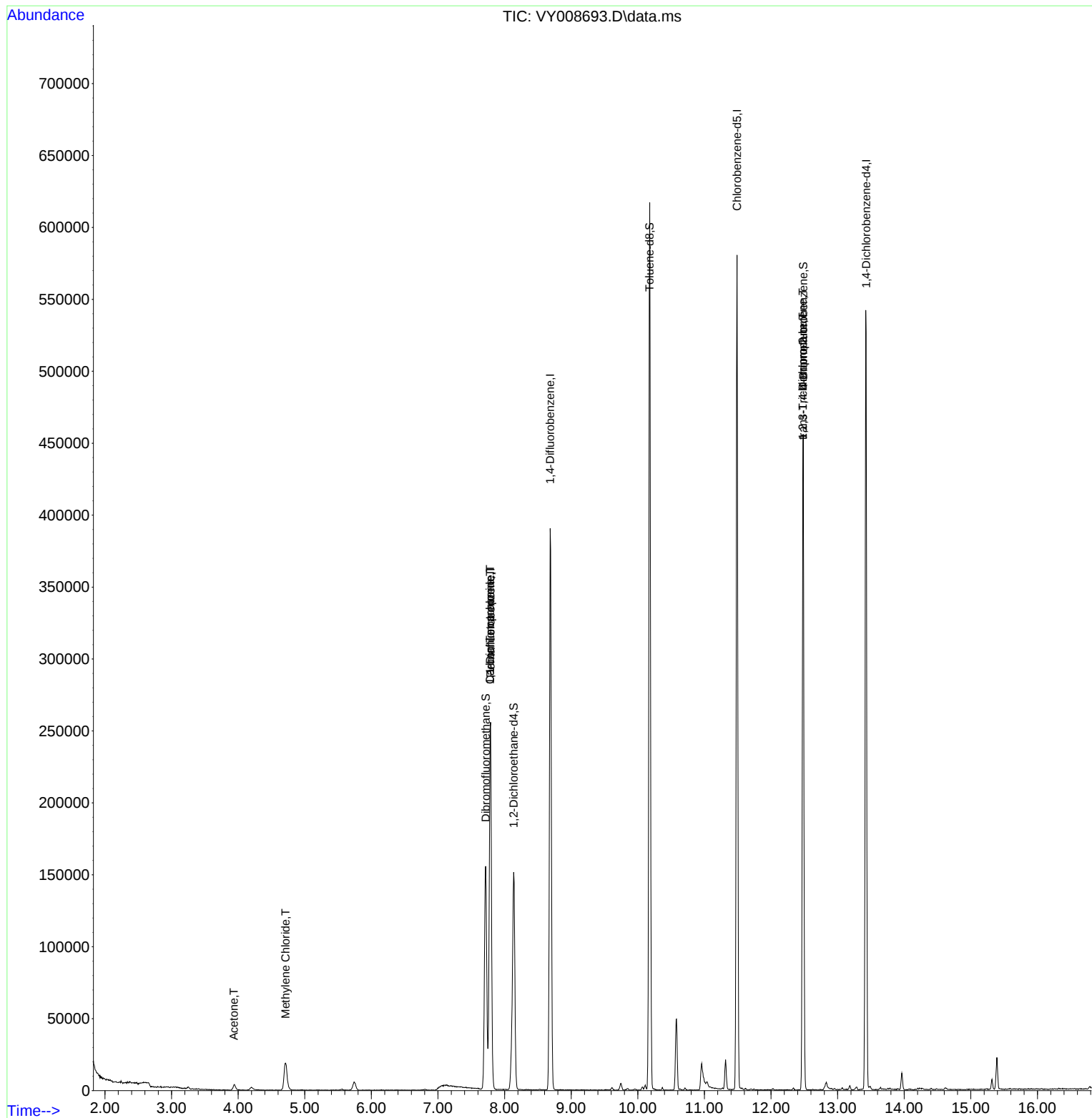
Internal Standards						
1) Pentafluorobenzene	7.789	168	219256	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	363035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102947	54.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.716	113	113897	50.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.179	98	423085	53.666	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.483	95	133741	47.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	259	Below Cal	#	77
16) Acetone	3.936	43	6698	15.112	ug/l #	64
18) Methyl Acetate	4.692	43	94	Below Cal	#	56
20) Methylene Chloride	4.710	84	16536	6.143	ug/l #	70
36) 1,1-Dichloropropene	7.783	75	14991	4.171	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19932	5.483	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64604	37.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64604	74.496	ug/l #	7

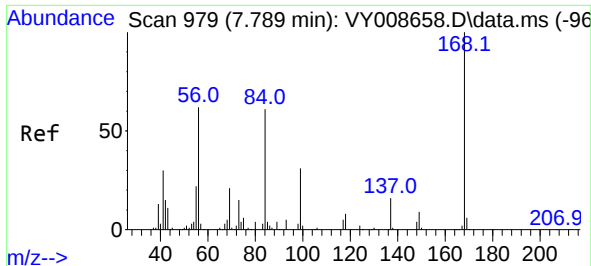
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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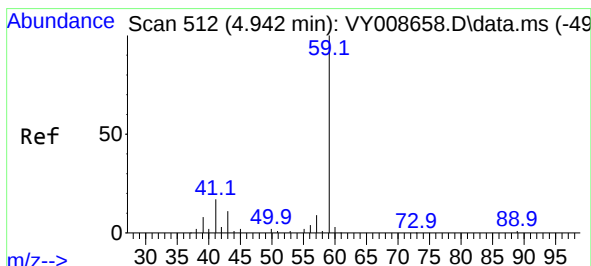
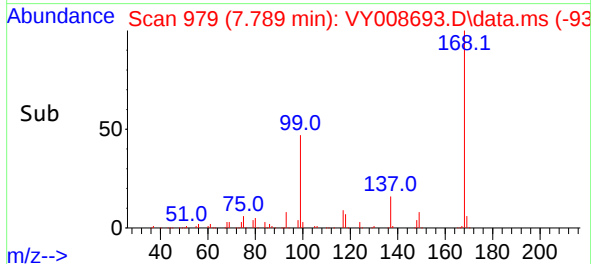
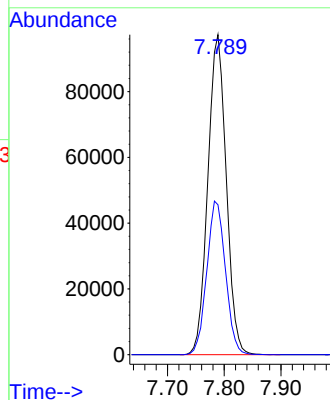
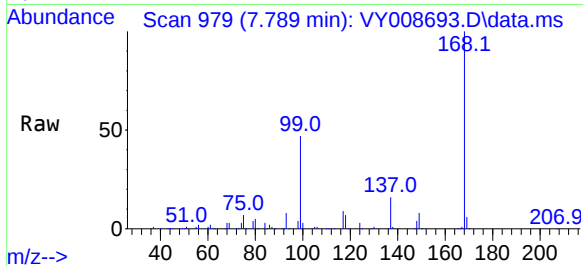




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

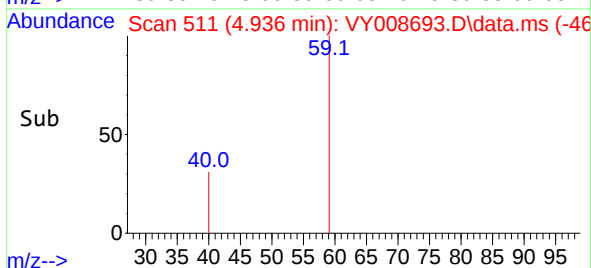
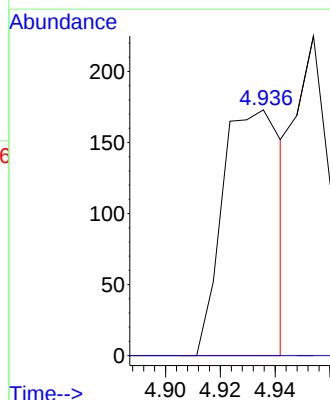
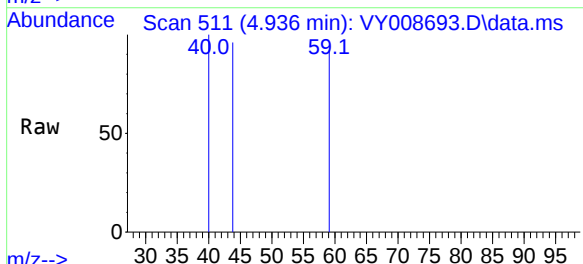
Instrument :
MSVOA_Y
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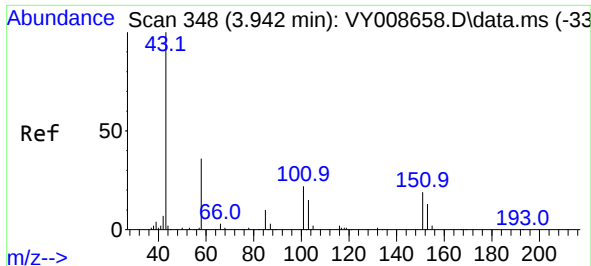
Tgt Ion:168 Resp: 219256
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

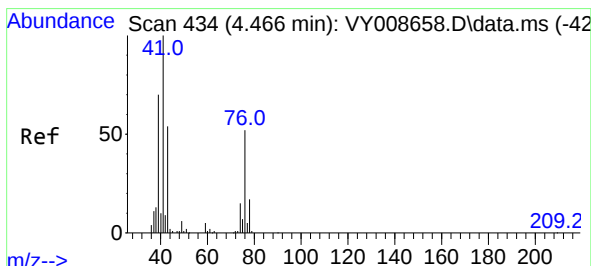
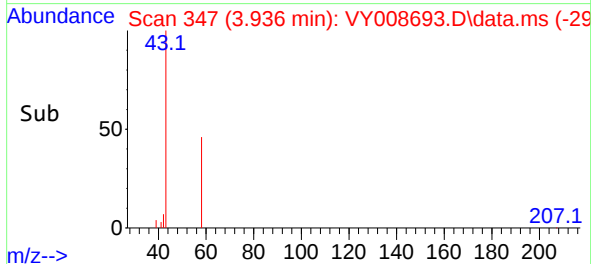
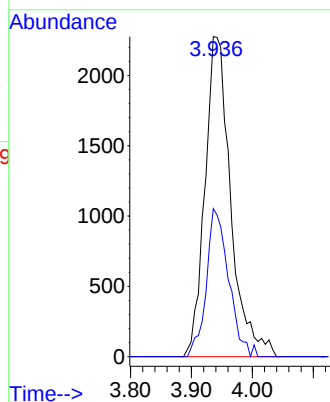
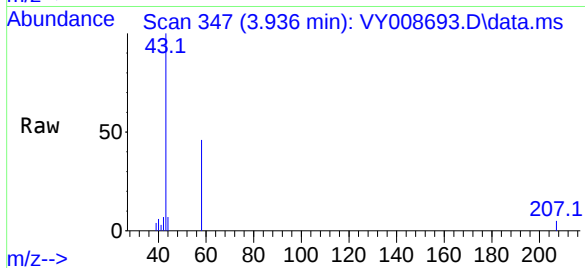




#16
Acetone
Concen: 15.112 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

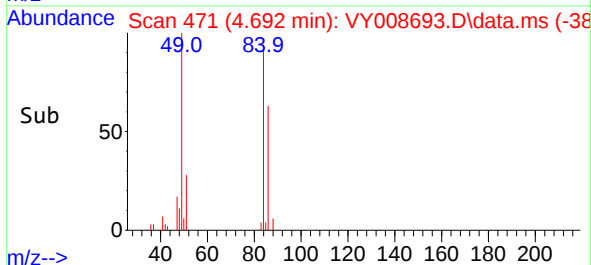
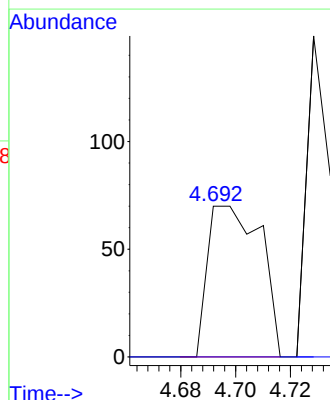
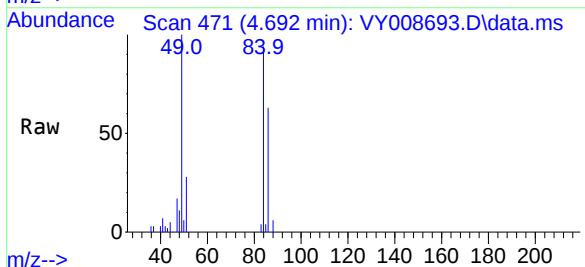
Instrument :
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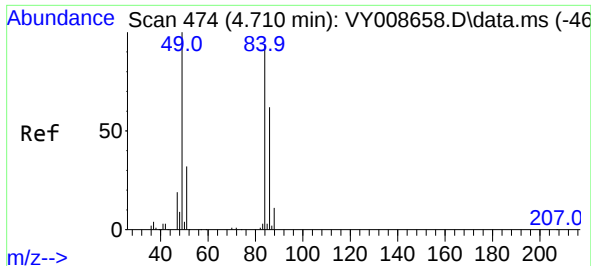
Tgt Ion: 43 Resp: 6698
Ion Ratio Lower Upper
43 100
58 46.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. 0.226 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

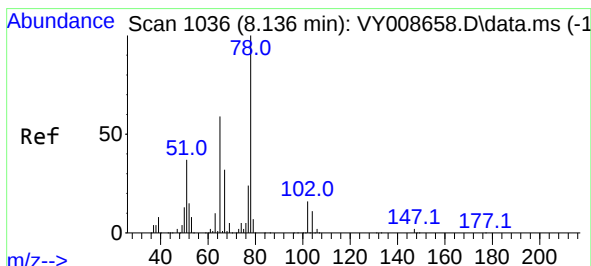
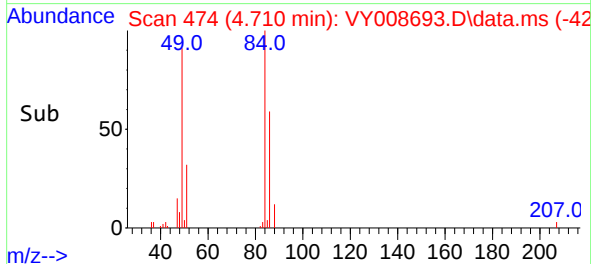
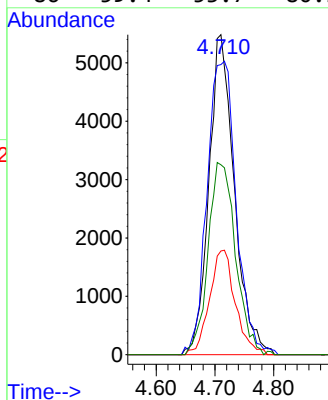
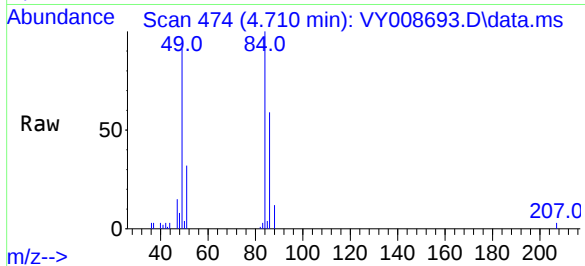




#20
Methylene Chloride
Concen: 6.143 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

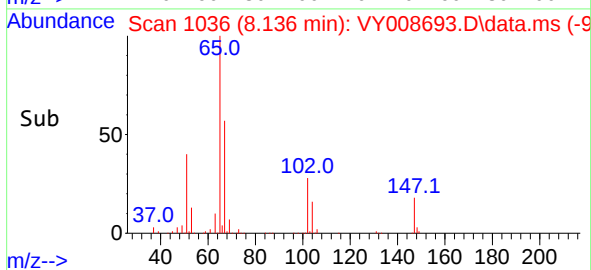
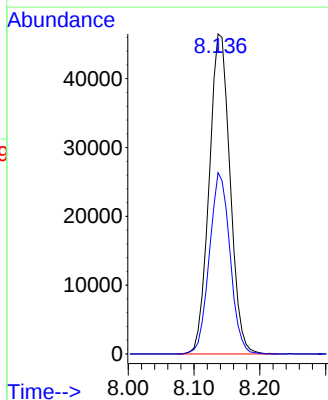
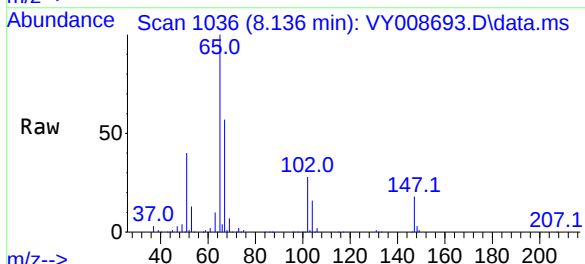
Instrument :
MSVOA_Y
ClientSampleId :
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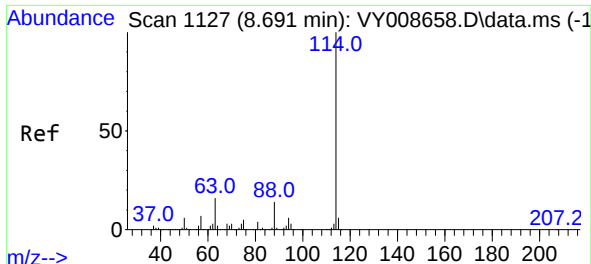
Tgt Ion: 84 Resp: 16536
Ion Ratio Lower Upper
84 100
49 90.7 114.4 171.6#
51 32.4 35.3 52.9#
86 59.4 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 54.797 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 65 Resp: 102947
Ion Ratio Lower Upper
65 100
67 55.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008693.D

Acq: 10 May 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB18

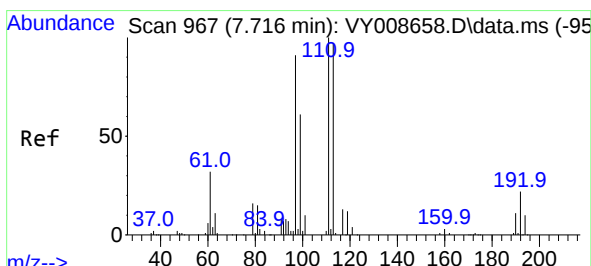
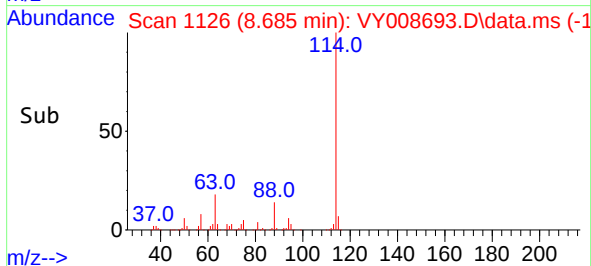
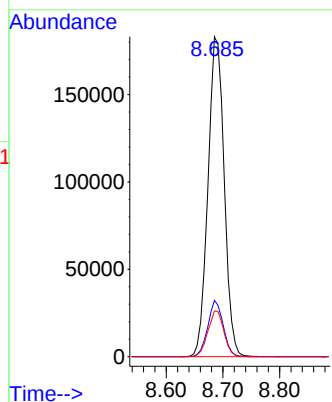
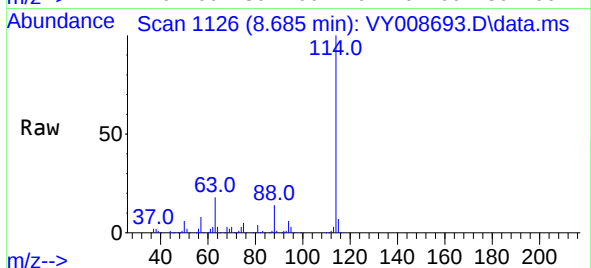
Tgt Ion:114 Resp: 363035

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.911 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008693.D

Acq: 10 May 2022 20:28

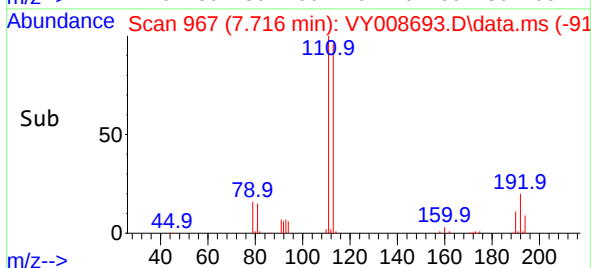
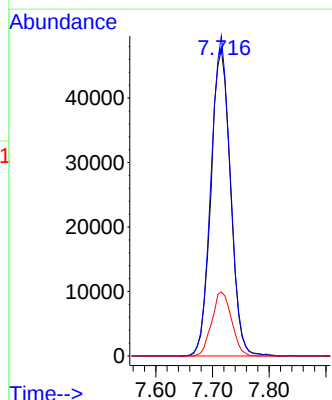
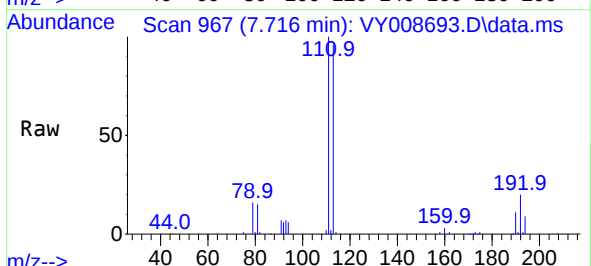
Tgt Ion:113 Resp: 113897

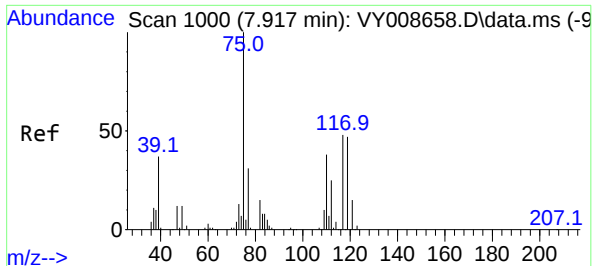
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.0 17.6 26.4

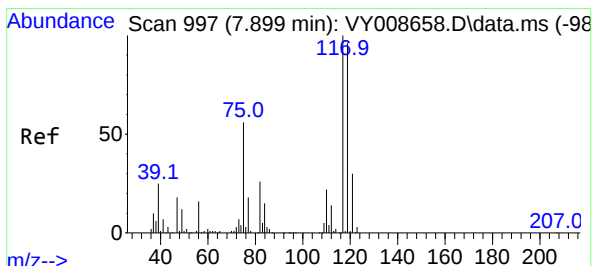
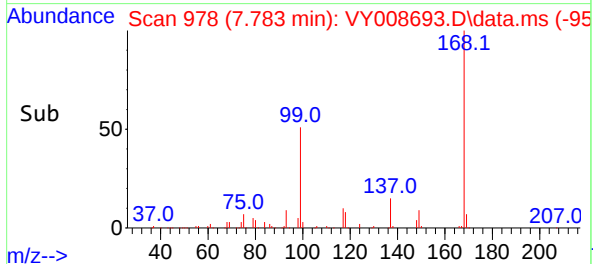
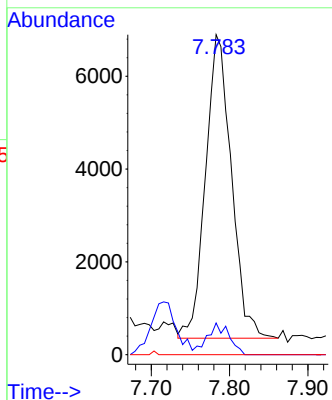
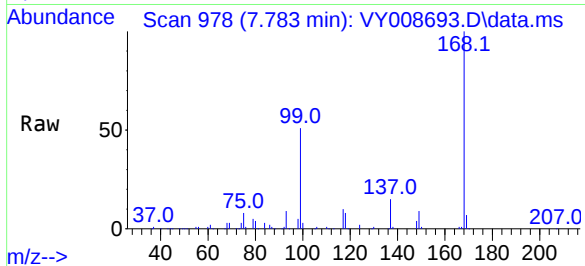




#36
1,1-Dichloropropene
Concen: 4.171 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

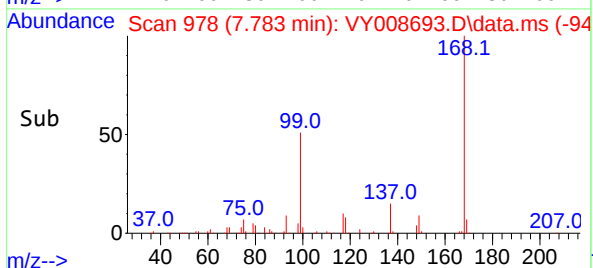
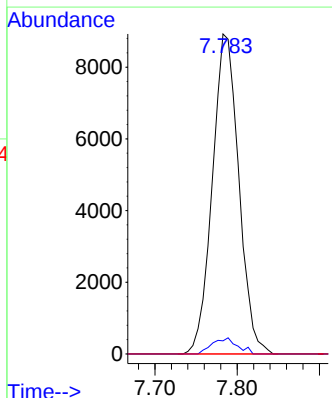
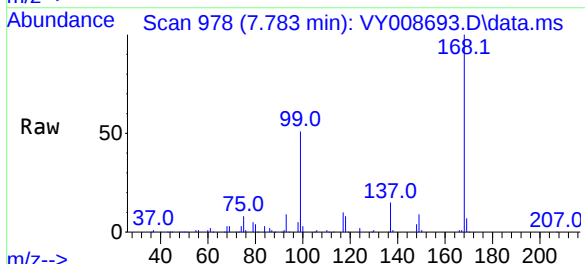
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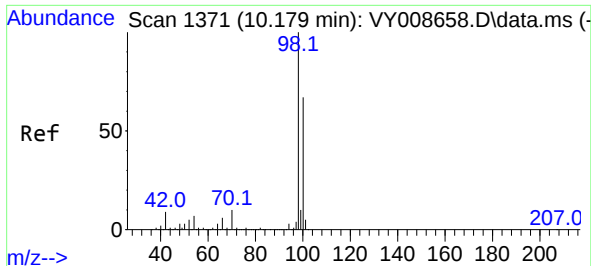
Tgt Ion: 75 Resp: 14991
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 117 Resp: 19932
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

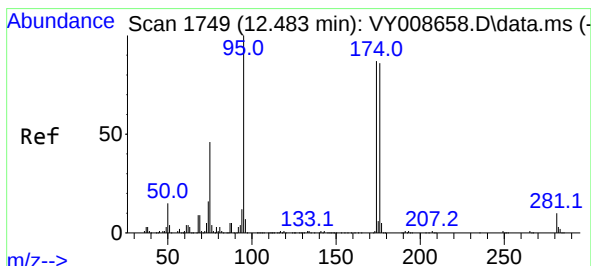
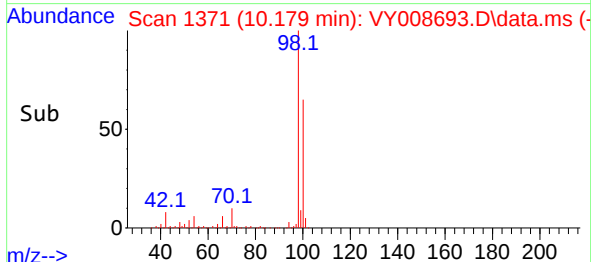
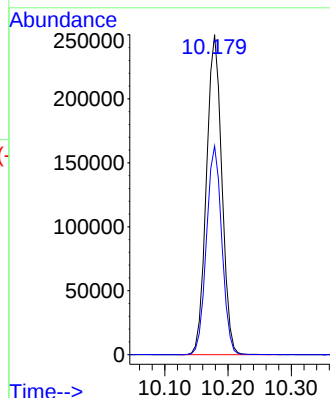
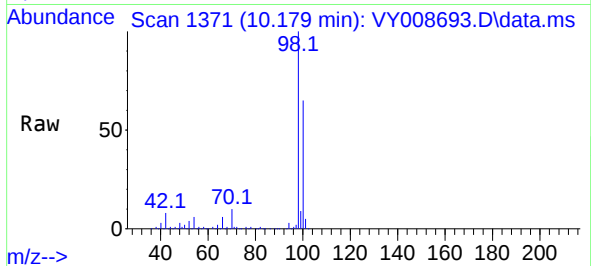




#50
Toluene-d8
Concen: 53.666 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

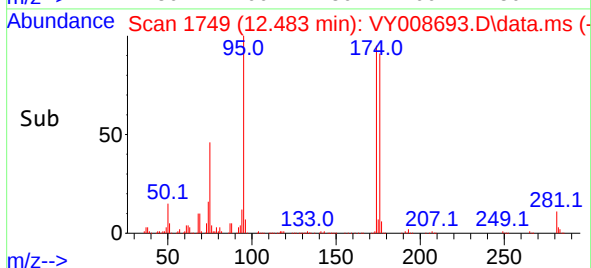
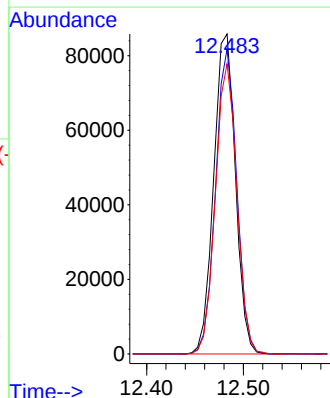
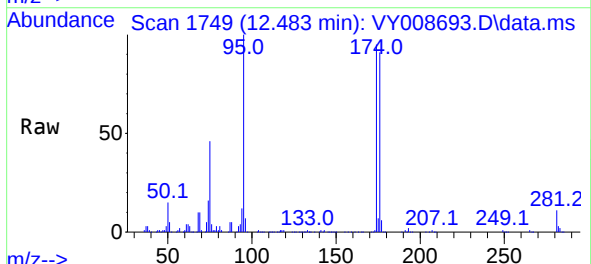
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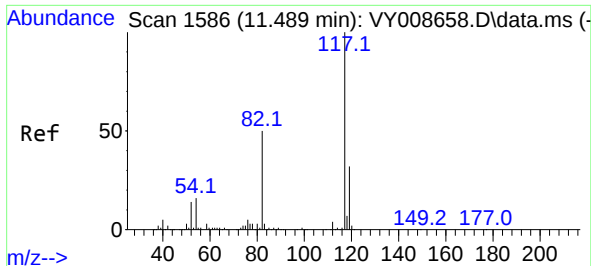
Tgt Ion: 98 Resp: 423085
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 95 Resp: 133741
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 89.3 0.0 175.8

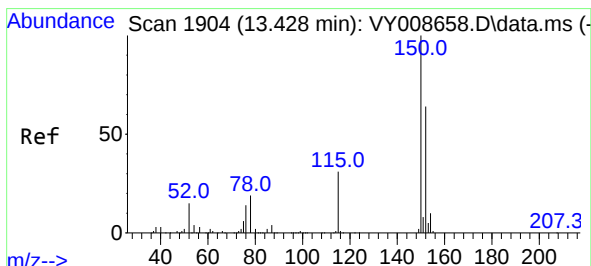
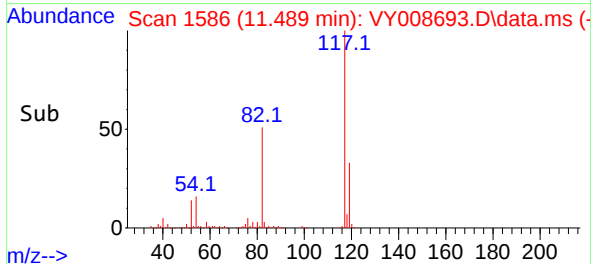
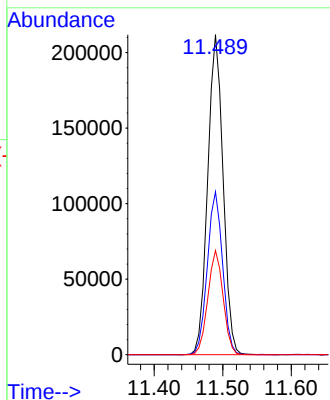
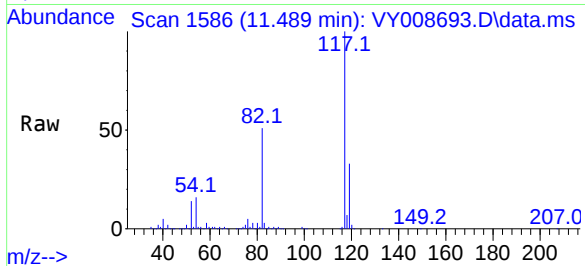




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

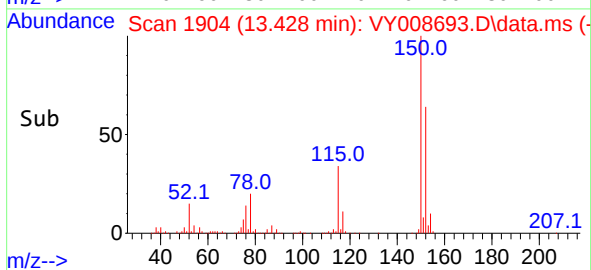
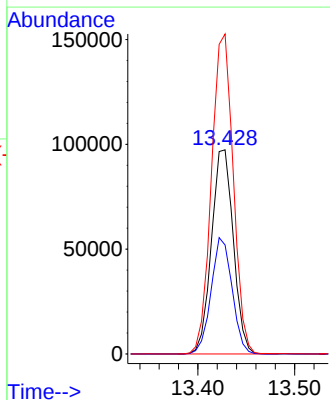
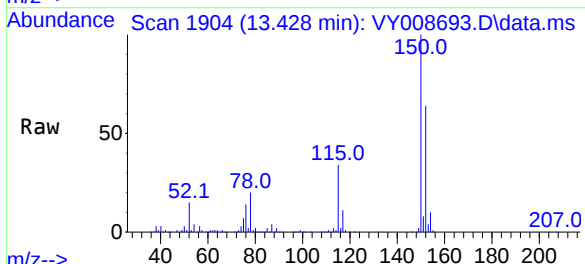
Instrument :
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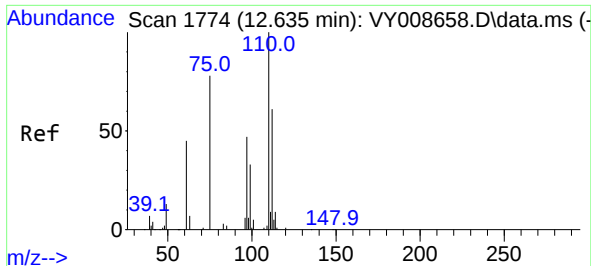
Tgt Ion:117 Resp: 331033
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion:152 Resp: 153057
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.0 0.0 347.6

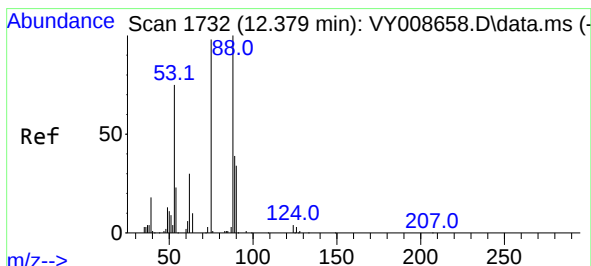
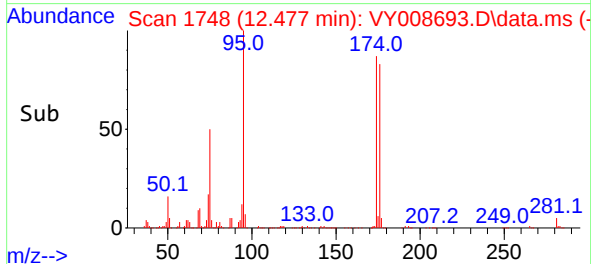
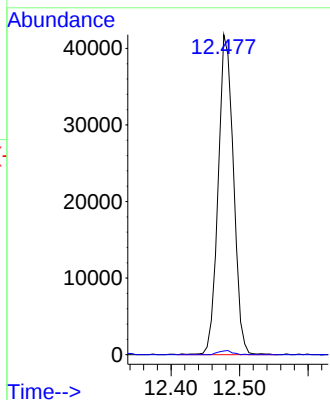
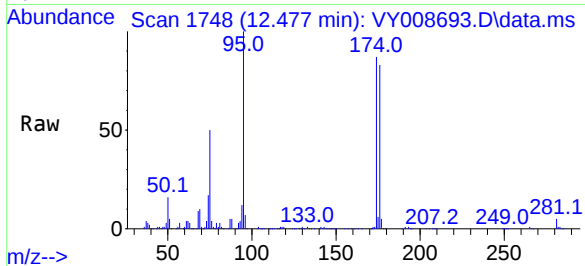




#76
1,2,3-Trichloropropane
Concen: 37.444 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
SB18

Tgt Ion: 75 Resp: 64604
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.496 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008693.D
Acq: 10 May 2022 20:28

Tgt Ion: 75 Resp: 64604
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

