

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008706.D
 Acq On : 11 May 2022 14:53
 Operator : KP/MD
 Sample : N2762-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15RE

Quant Time: May 12 06:28:53 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)

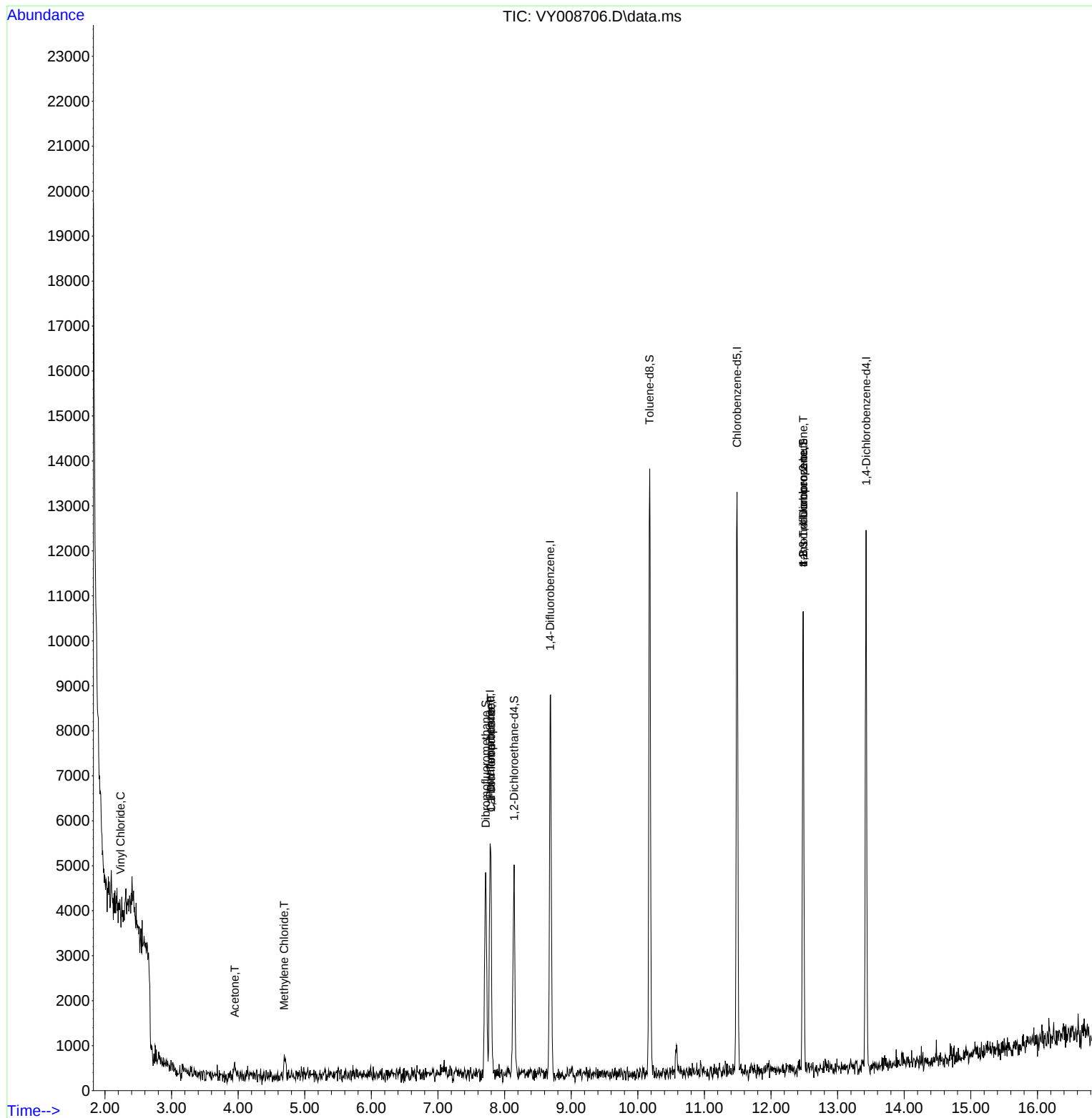
Internal Standards						
1) Pentafluorobenzene	7.783	168	4636	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	8634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8499	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3357	84.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.020%#	
35) Dibromofluoromethane	7.716	113	3245	60.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.980%	
50) Toluene-d8	10.179	98	10034	53.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.483	95	3268	48.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.900%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	217	5.730	ug/l #	43
16) Acetone	3.948	43	397	42.361	ug/l	96
20) Methylene Chloride	4.692	84	285	5.008	ug/l #	61
36) 1,1-Dichloropropene	7.795	75	355	4.153	ug/l #	42
38) Carbon Tetrachloride	7.795	117	473	5.471	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1656	47.251	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1656	94.009	ug/l #	7

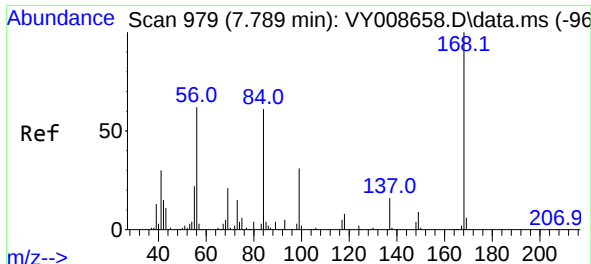
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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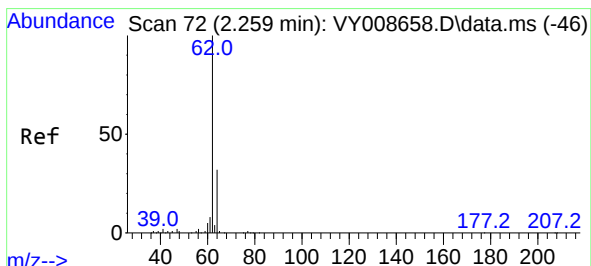
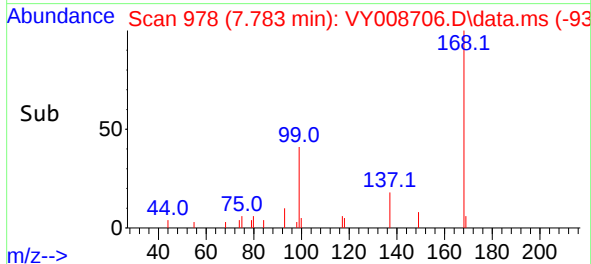
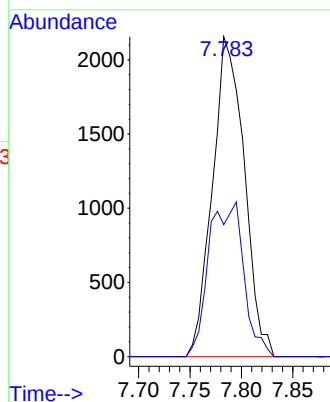
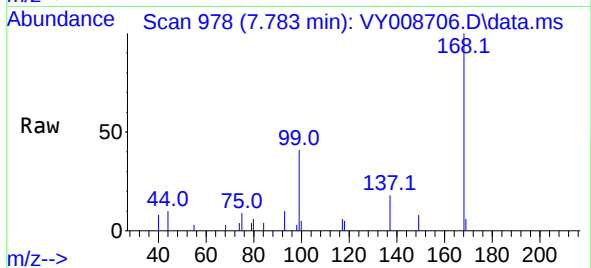




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

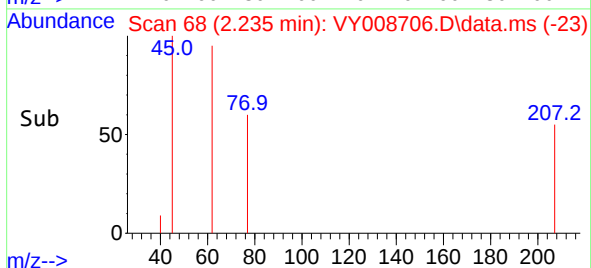
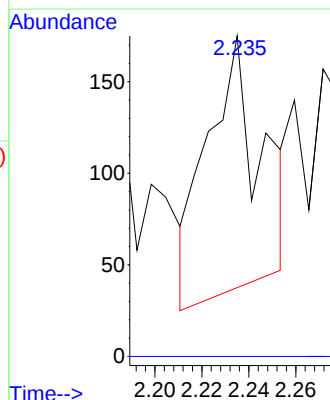
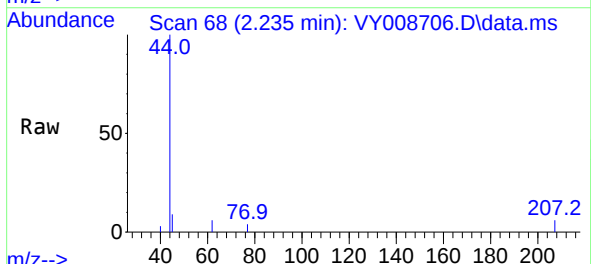
Instrument :
MSVOA_Y
ClientSampleId :
SB15RE

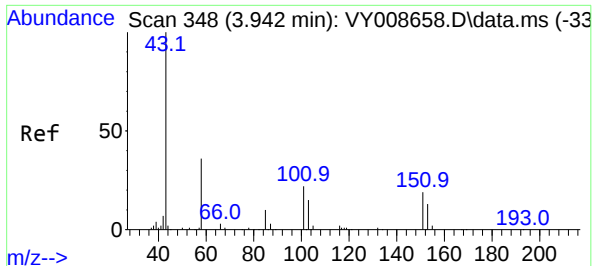
Tgt Ion:168 Resp: 4636
Ion Ratio Lower Upper
168 100
99 41.2 46.9 70.3#



#4
Vinyl Chloride
Concen: 5.730 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 62 Resp: 217
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

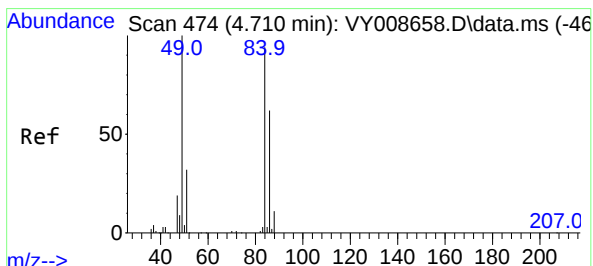
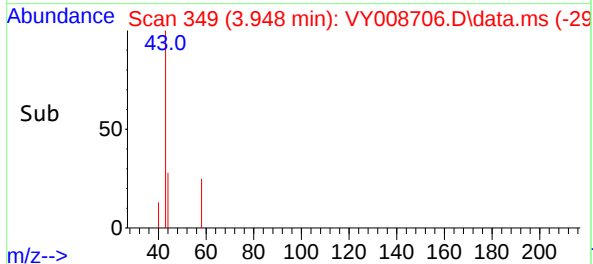
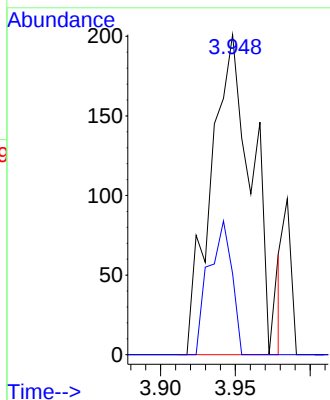
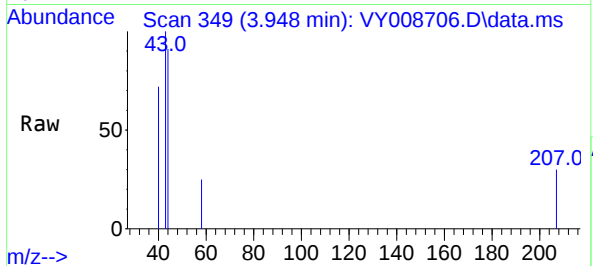




#16
Acetone
Concen: 42.361 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

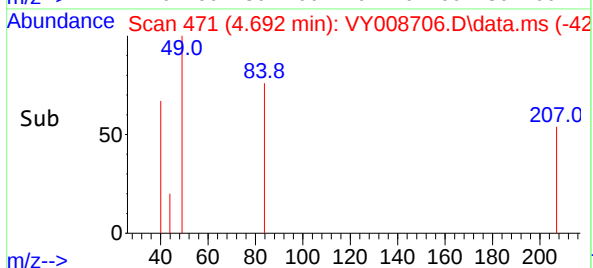
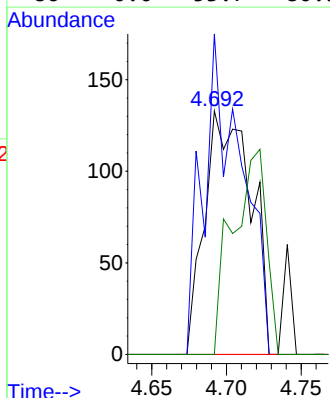
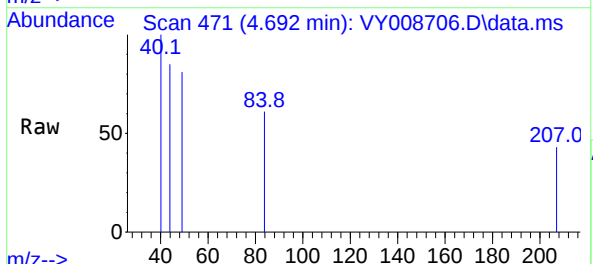
Instrument :
MSVOA_Y
ClientSampleId :
SB15RE

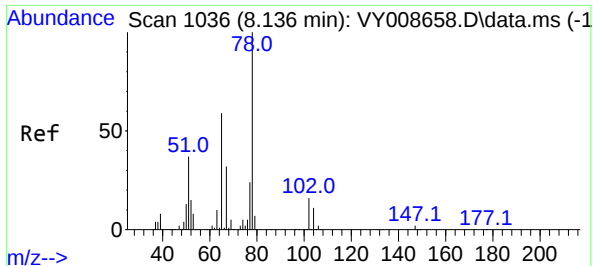
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 25.4 22.0 33.0



#20
Methylene Chloride
Concen: 5.008 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.018 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 84 Resp: 285
Ion Ratio Lower Upper
84 100
49 131.6 114.4 171.6
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 84.509 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY008706.D

Acq: 11 May 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

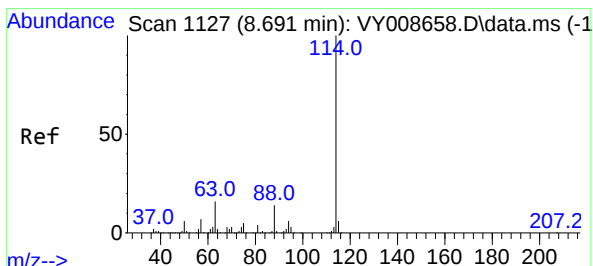
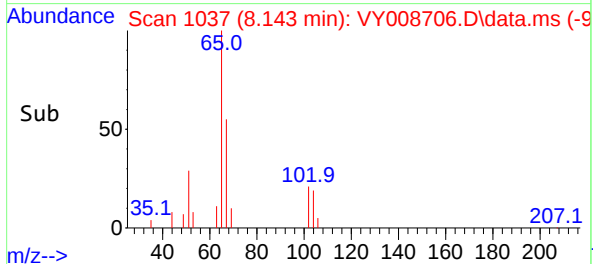
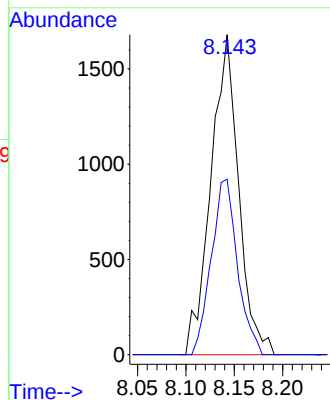
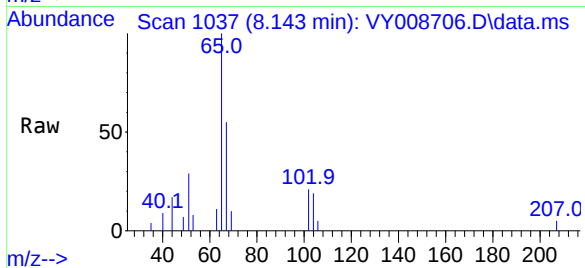
SB15RE

Tgt Ion: 65 Resp: 3357

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008706.D

Acq: 11 May 2022 14:53

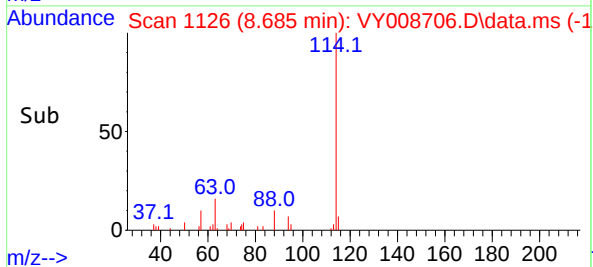
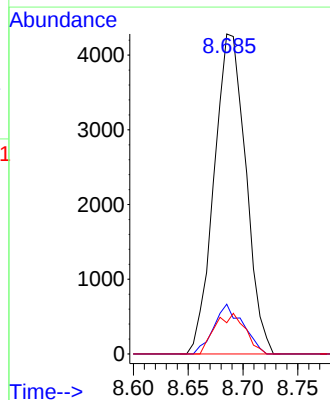
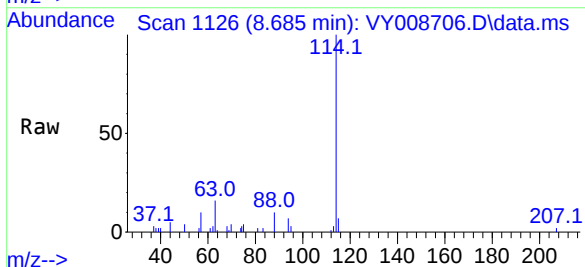
Tgt Ion: 114 Resp: 8634

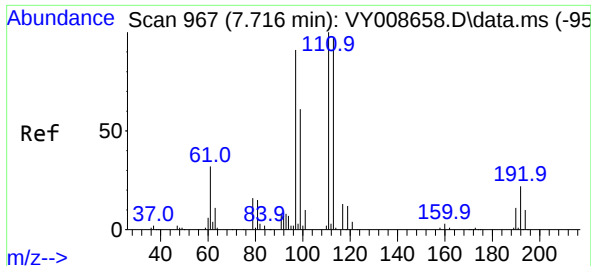
Ion Ratio Lower Upper

114 100

63 15.5 0.0 43.2

88 9.8 0.0 31.8

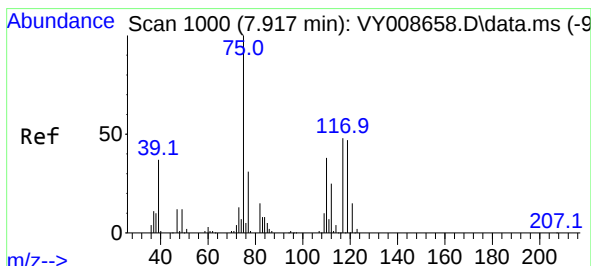
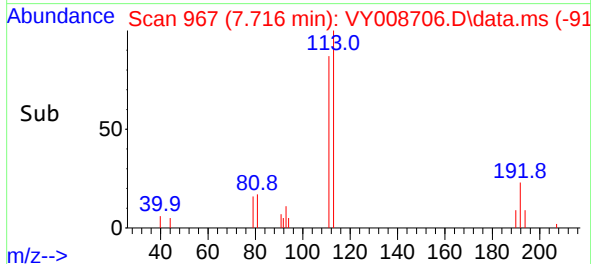
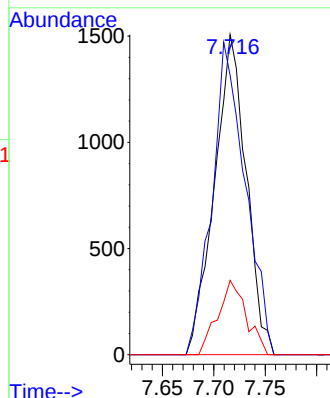
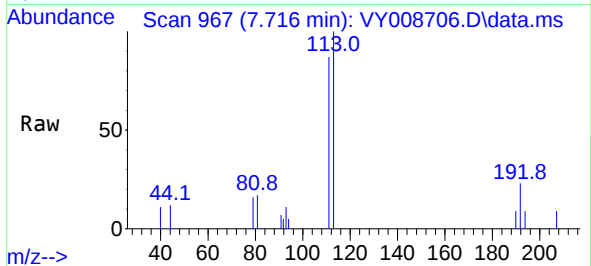




#35
Dibromofluoromethane
Concen: 60.989 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

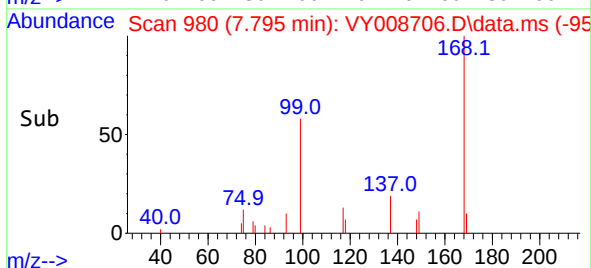
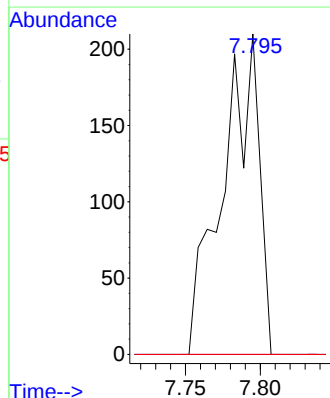
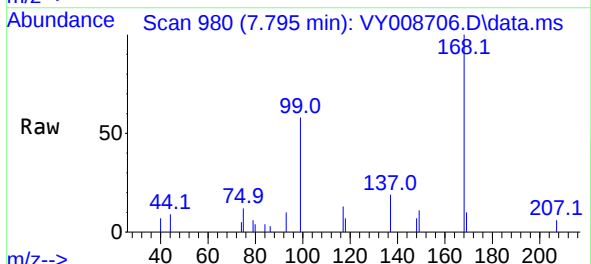
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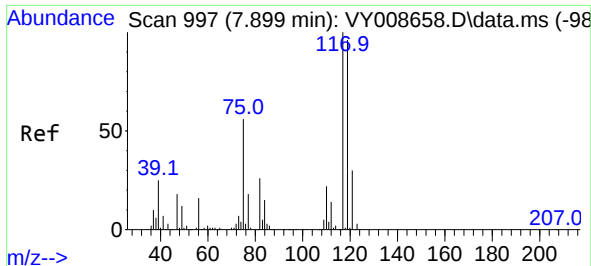
Tgt Ion:	113	Resp:	3245
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	20.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion:	75	Resp:	355
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#

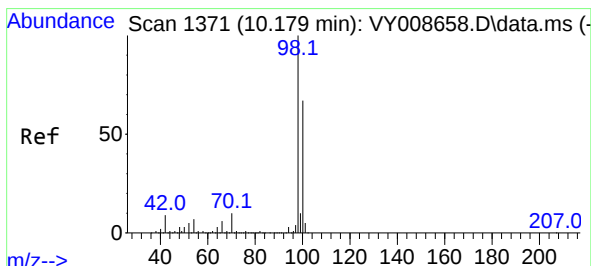
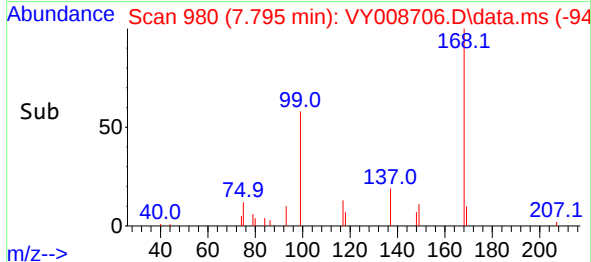
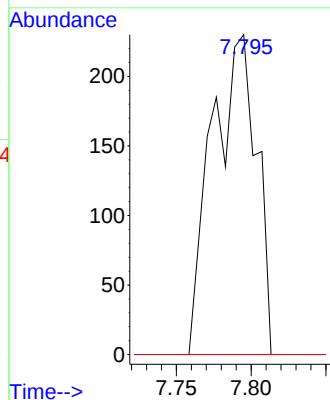
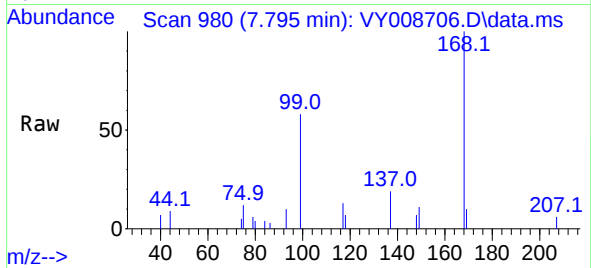




#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

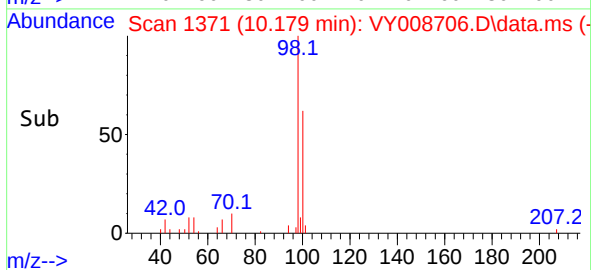
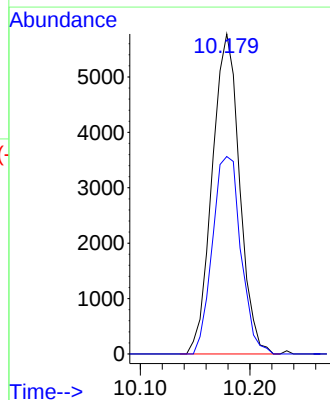
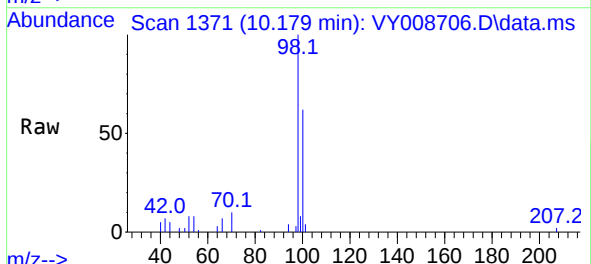
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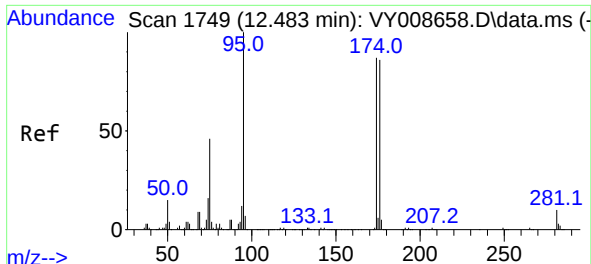
Tgt Ion:117 Resp: 473
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.516 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 98 Resp: 10034
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

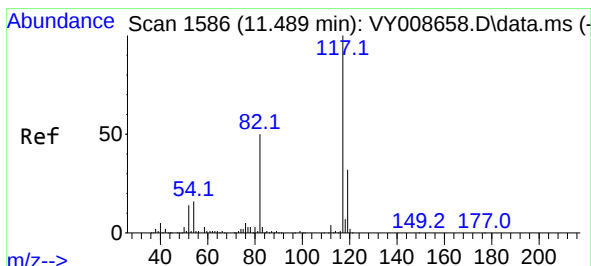
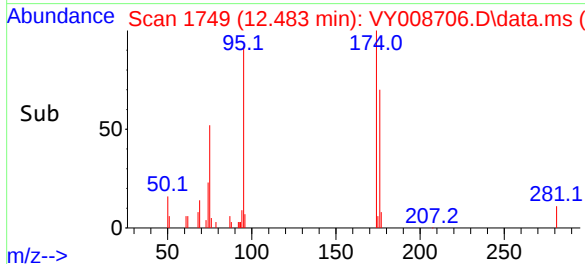
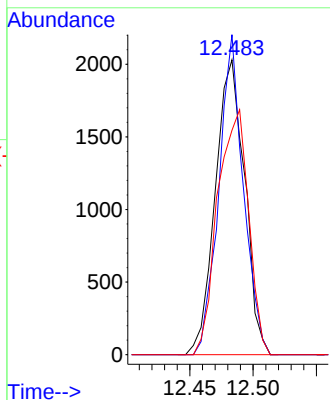
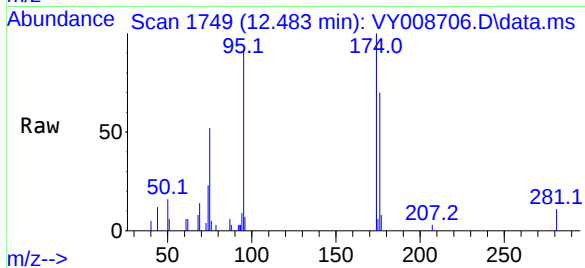




#62
4-Bromofluorobenzene
Concen: 48.447 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

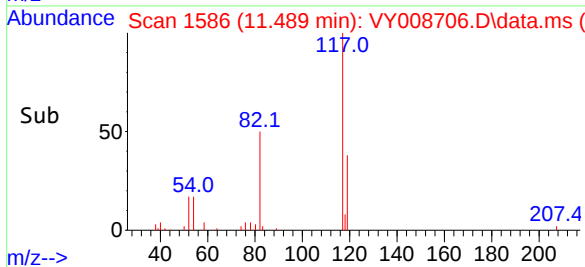
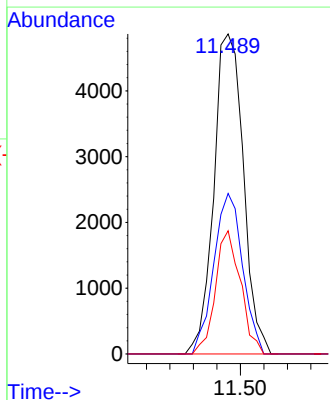
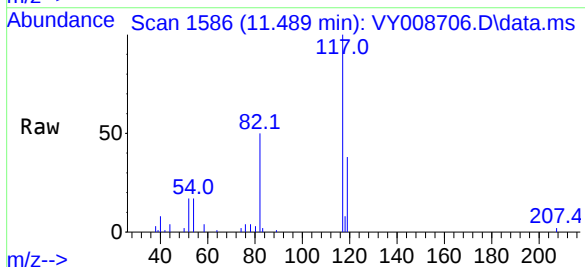
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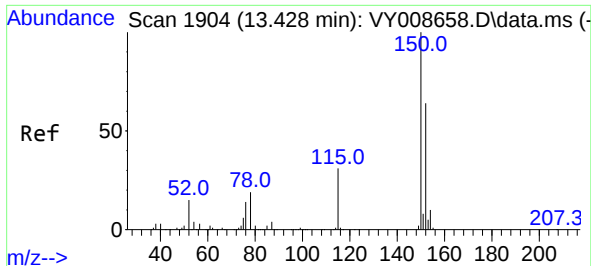
Tgt Ion: 95 Resp: 3268
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

Tgt Ion: 117 Resp: 8499
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 38.5 25.4 38.0#

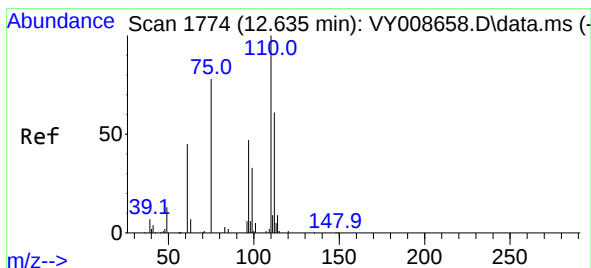
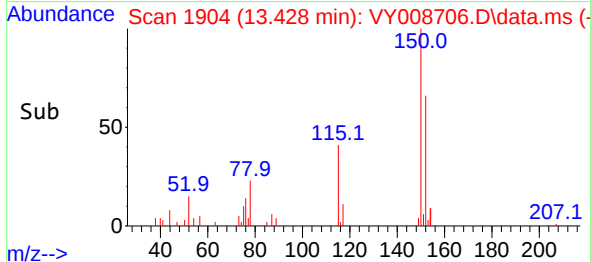
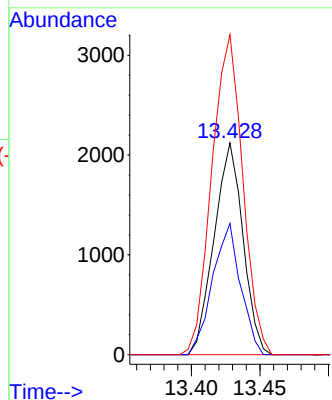
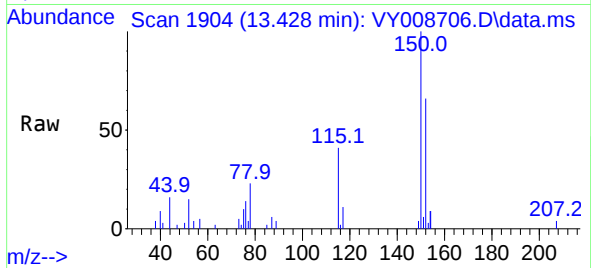




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

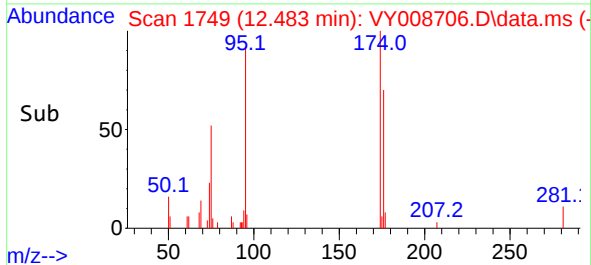
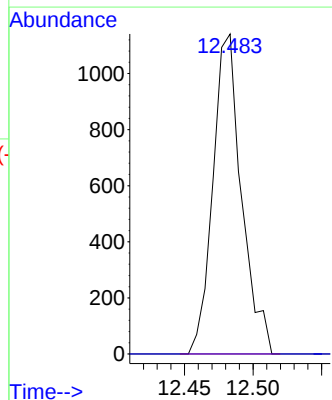
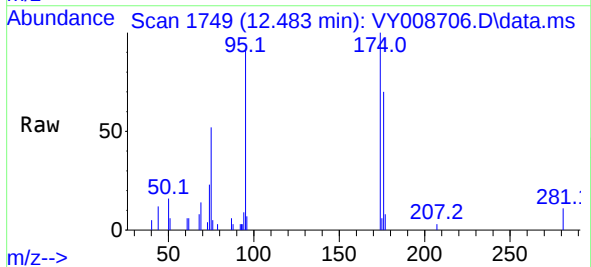
Instrument :
MSVOA_Y
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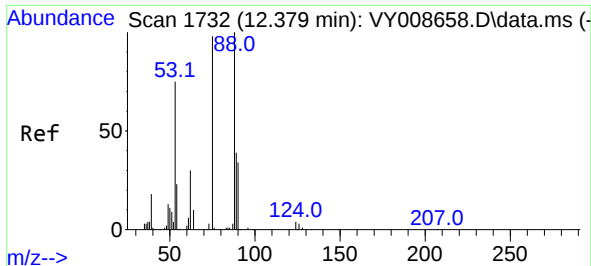
Tgt Ion:152 Resp: 3109
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 161.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008706.D
Acq: 11 May 2022 14:53

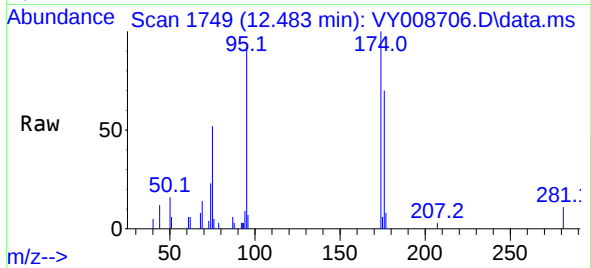
Tgt Ion: 75 Resp: 1656
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.009 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008706.D
 Acq: 11 May 2022 14:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB15RE



Tgt Ion:	75	Resp:	1656
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

