

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007647.D
 Acq On : 25 Feb 2022 19:18
 Operator : SY/MD
 Sample : N1664-31
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11

Quant Time: Feb 27 23:59:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

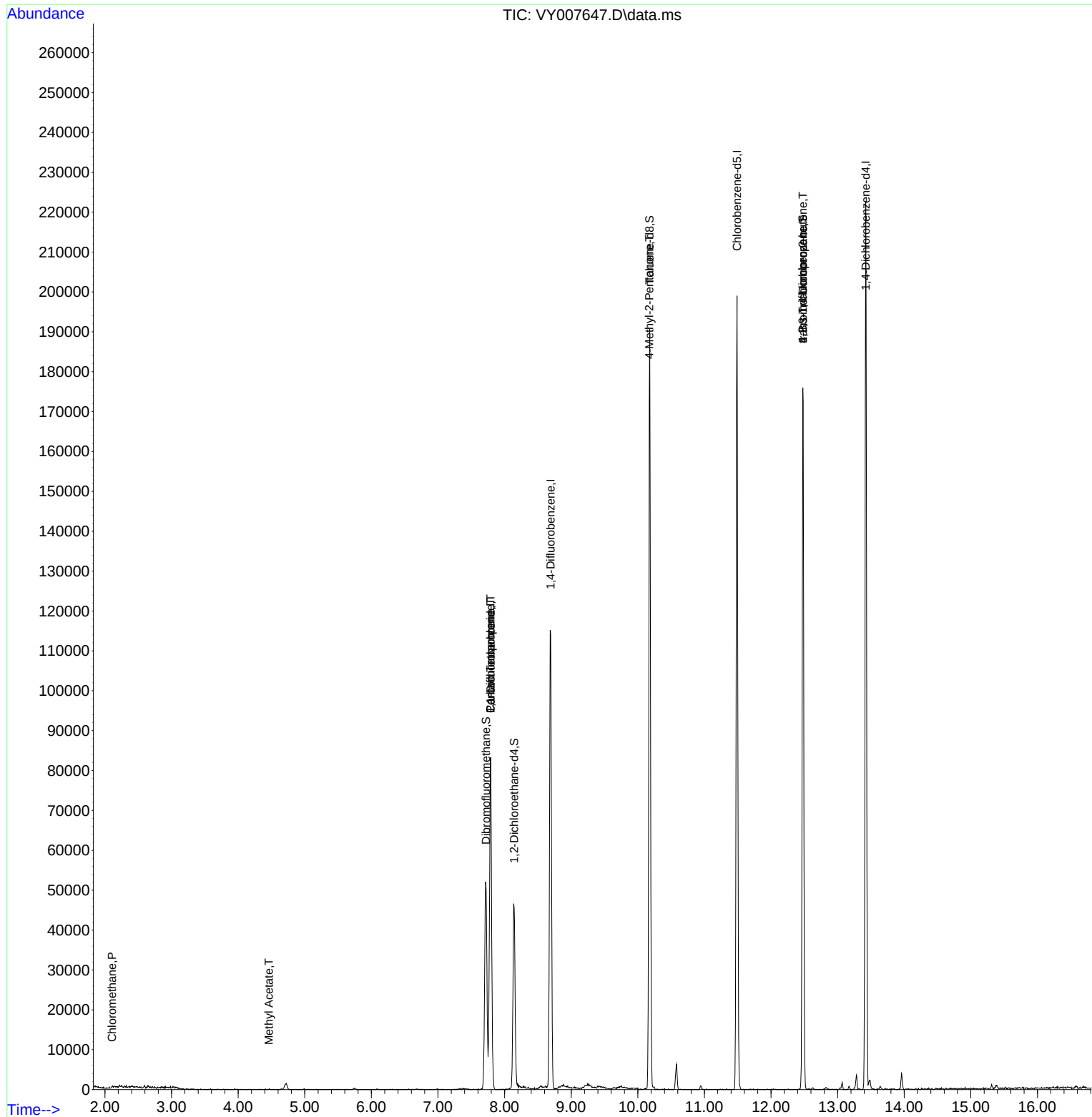
Internal Standards						
1) Pentafluorobenzene	7.789	168	59613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	36196	54.580	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 109.160%	
35) Dibromofluoromethane	7.722	113	32660	51.869	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 103.740%	
50) Toluene-d8	10.179	98	120735	51.688	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.477	95	44341	55.692	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 111.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	210	1.038	ug/l #	84
18) Methyl Acetate	4.460	43	49	1.390	ug/l #	56
20) Methylene Chloride	4.704	84	1246	Below Cal	#	52
31) Cyclohexane	7.795	56	1451	Below Cal	#	36
36) 1,1-Dichloropropene	7.789	75	4661	5.137	ug/l #	55
38) Carbon Tetrachloride	7.789	117	6737	5.070	ug/l #	18
51) 4-Methyl-2-Pentanone	10.172	43	527	1.255	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	28310	52.044	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28310	111.904	ug/l #	7

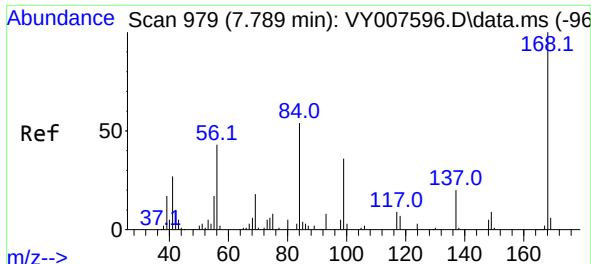
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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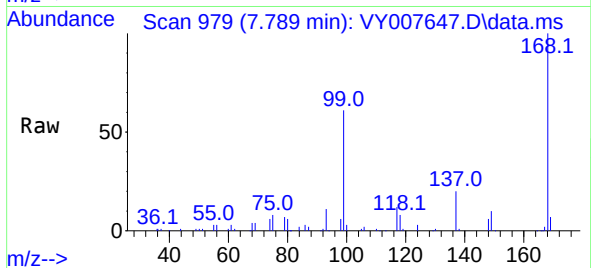
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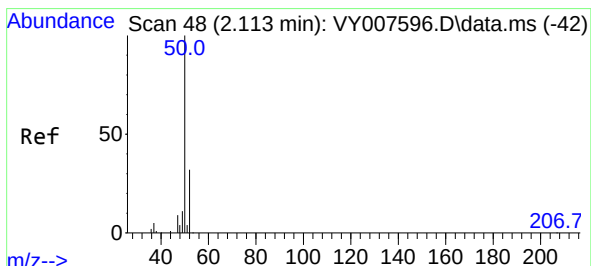
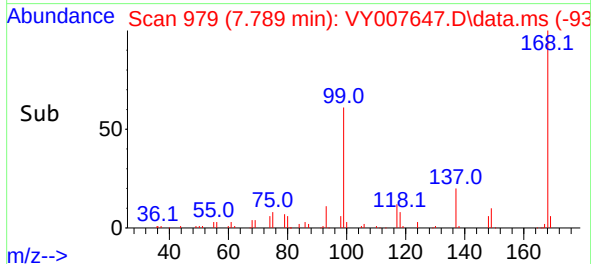
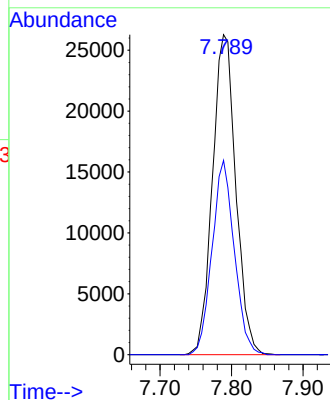


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
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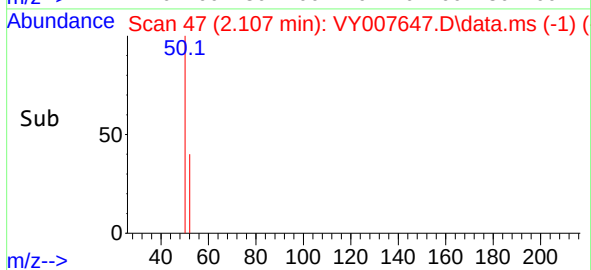
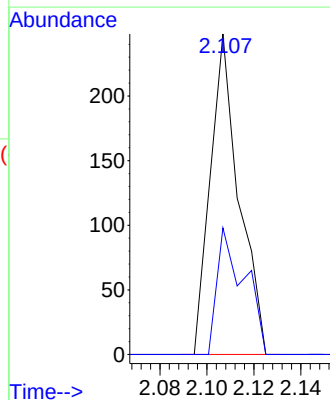
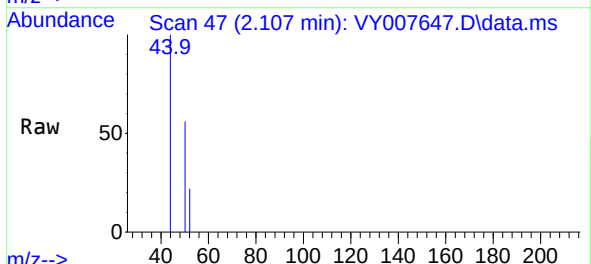


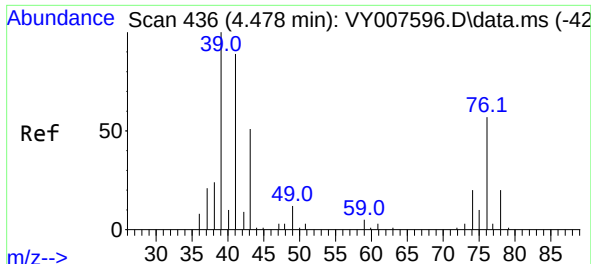
Tgt Ion:168 Resp: 59613
Ion Ratio Lower Upper
168 100
99 60.7 46.9 70.3



#3
Chloromethane
Concen: 1.038 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 50 Resp: 210
Ion Ratio Lower Upper
50 100
52 39.5 24.6 37.0#

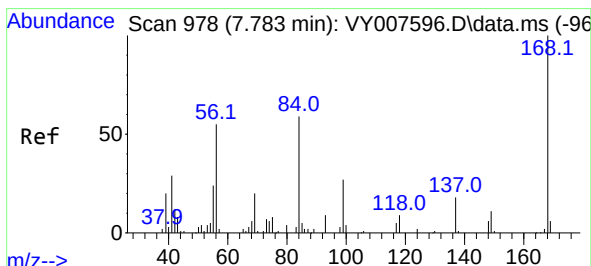
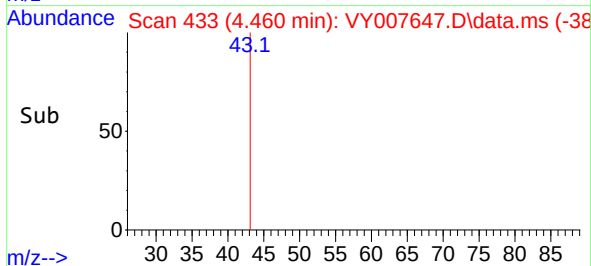
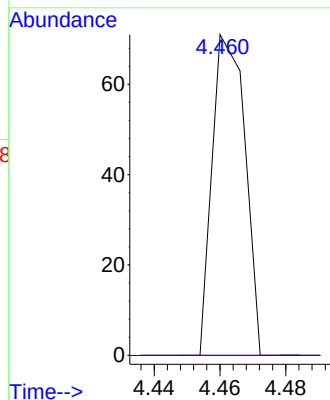
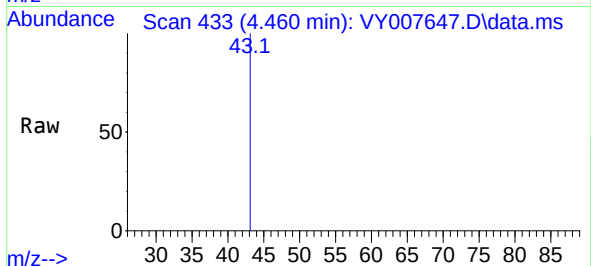




#18
Methyl Acetate
Concen: 1.390 ug/l
RT: 4.460 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

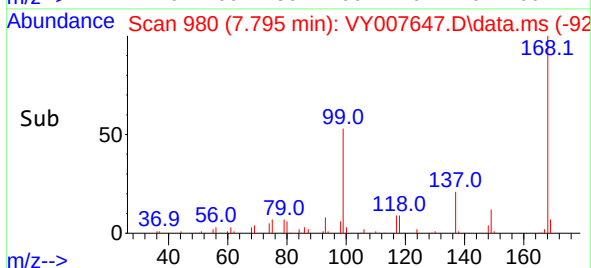
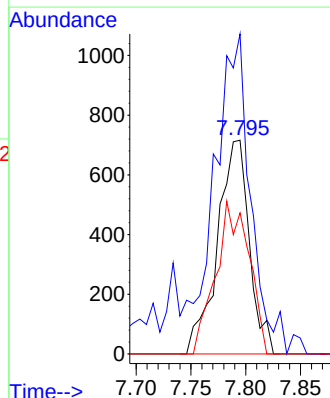
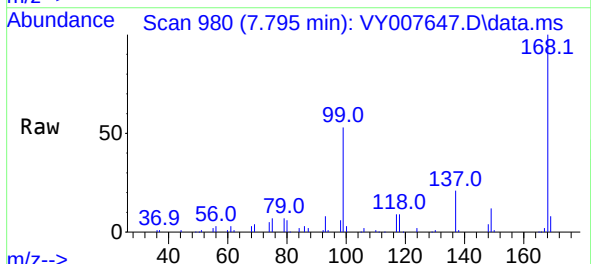
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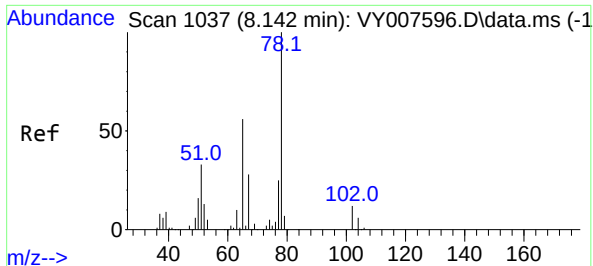
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 56 Resp: 1451
Ion Ratio Lower Upper
56 100
69 132.0 26.7 40.1#
84 66.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.580 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007647.D

Acq: 25 Feb 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

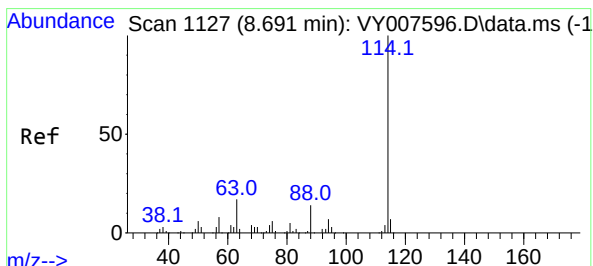
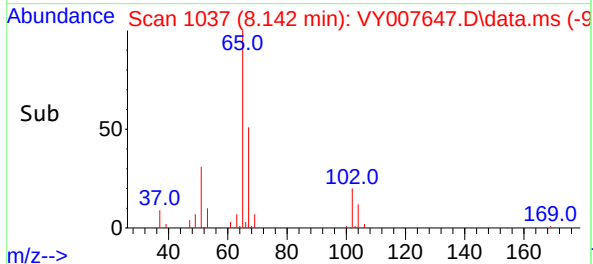
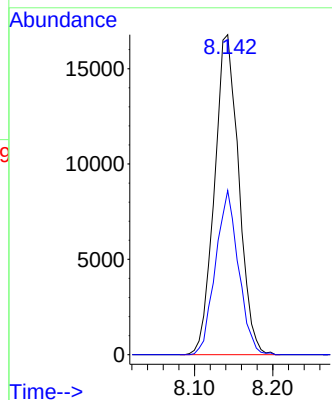
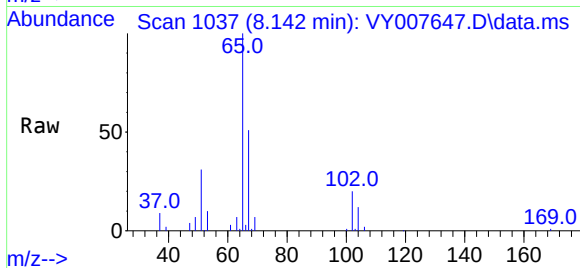
TP-11

Tgt Ion: 65 Resp: 36196

Ion Ratio Lower Upper

65 100

67 48.7 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: VY007647.D

Acq: 25 Feb 2022 19:18

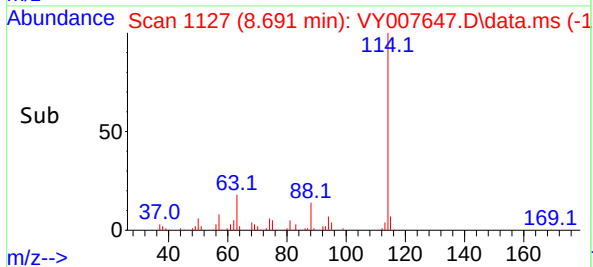
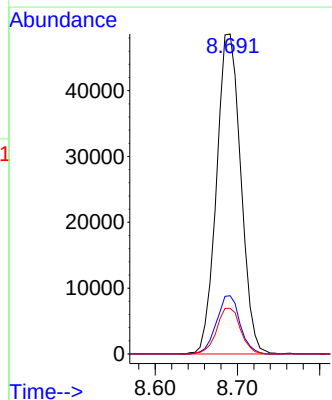
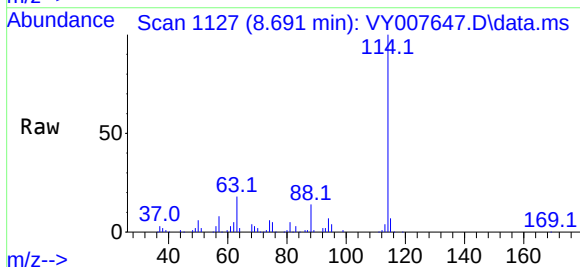
Tgt Ion: 114 Resp: 99790

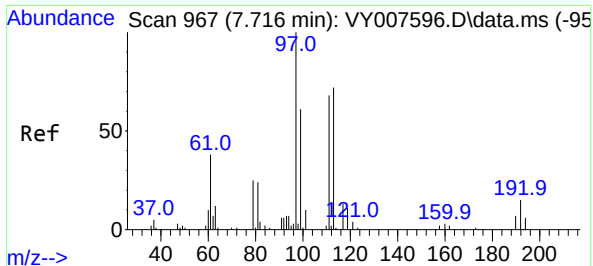
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.3 0.0 31.8

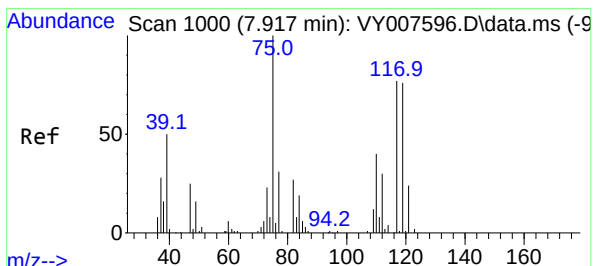
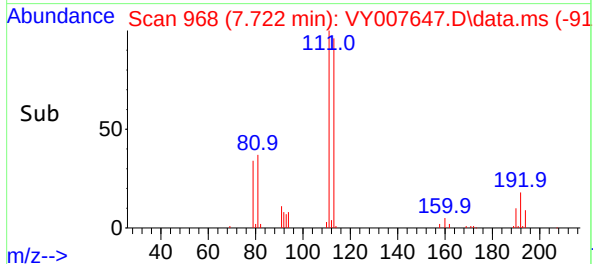
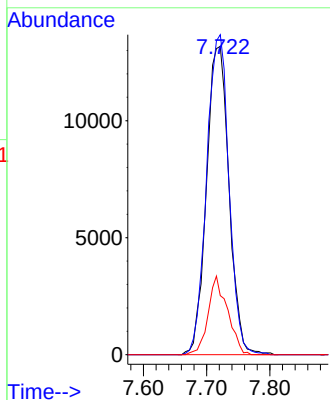
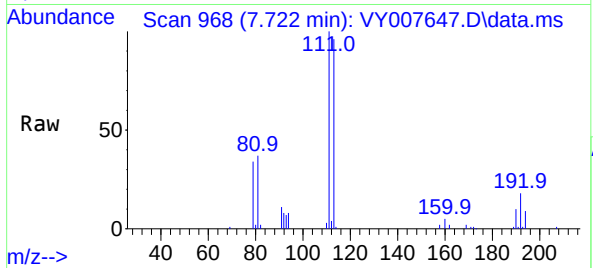




#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

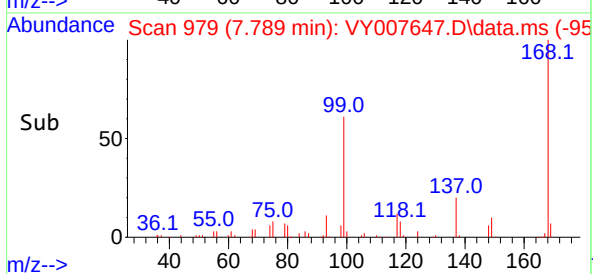
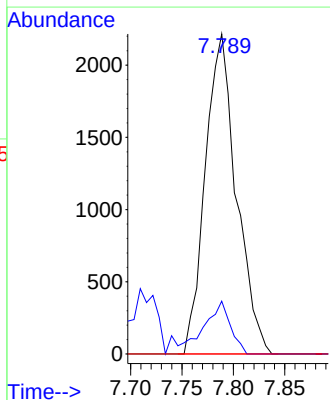
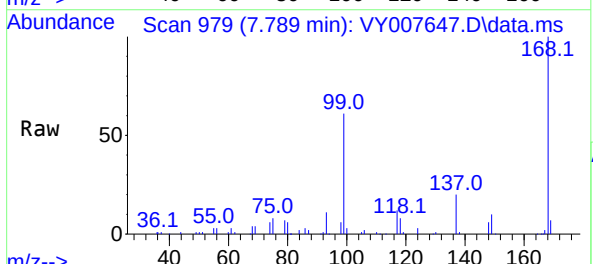
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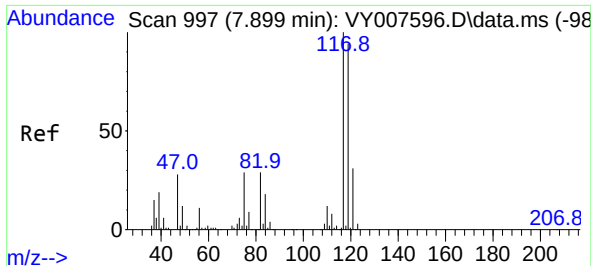
Tgt Ion:113 Resp: 32660
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 75 Resp: 4661
Ion Ratio Lower Upper
75 100
110 13.5 17.1 51.2#
77 0.0 24.4 36.6#

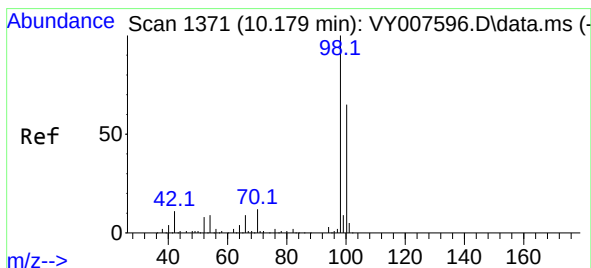
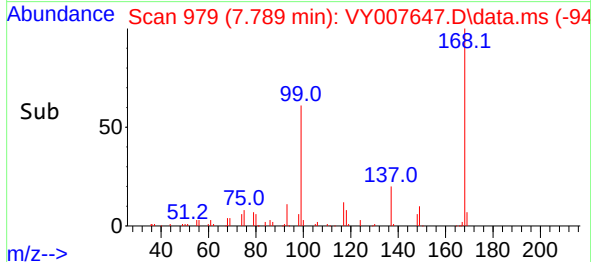
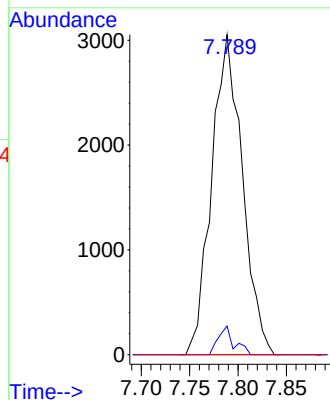
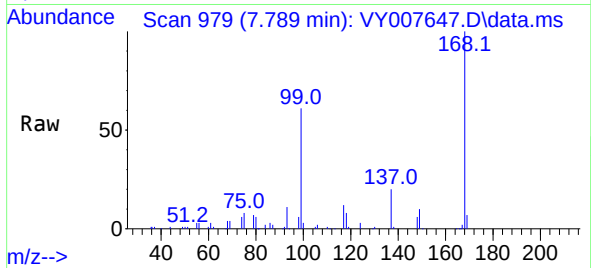




#38
Carbon Tetrachloride
Concen: 5.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

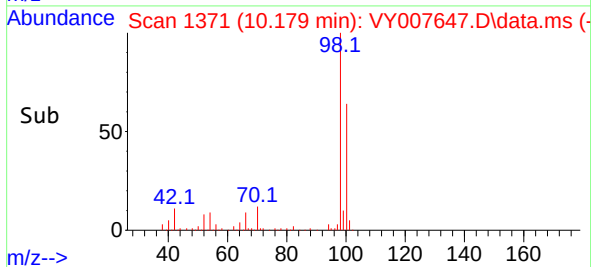
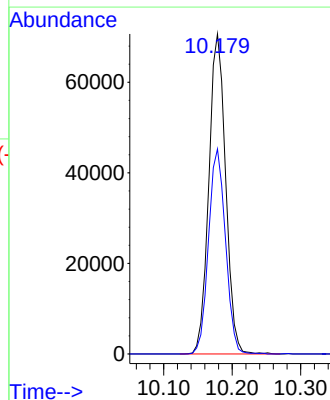
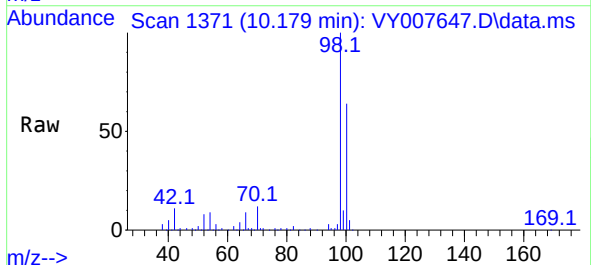
Instrument :
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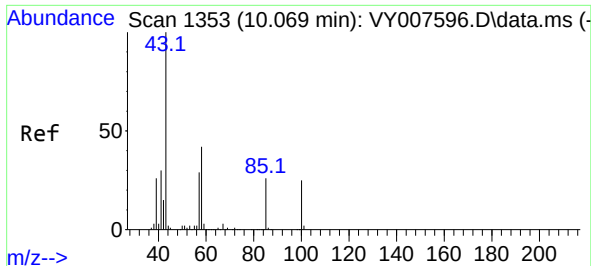
Tgt Ion:117 Resp: 6737
Ion Ratio Lower Upper
117 100
119 8.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.688 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 98 Resp: 120735
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

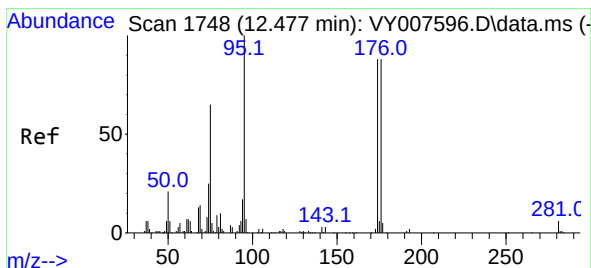
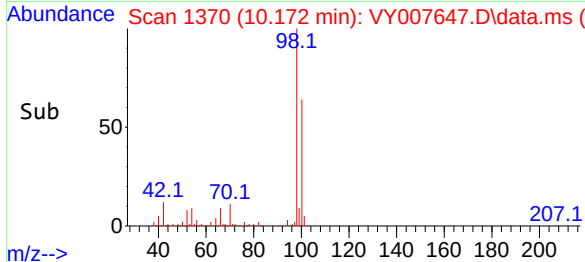
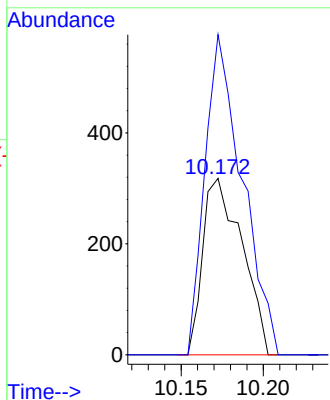
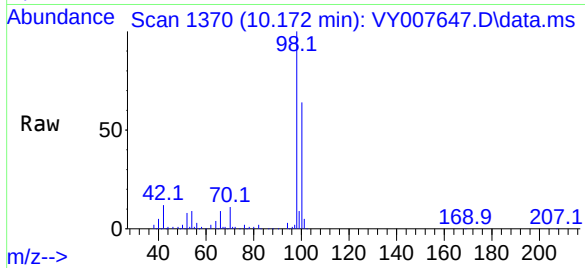




#51
4-Methyl-2-Pentanone
Concen: 1.255 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

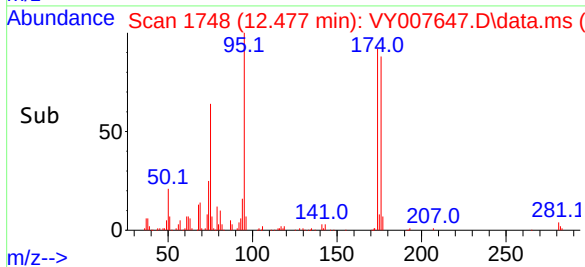
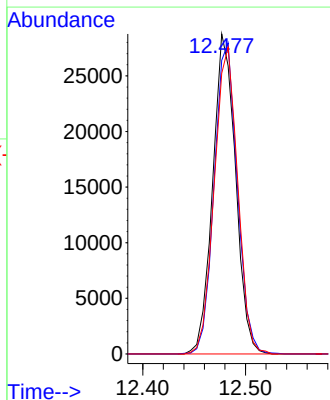
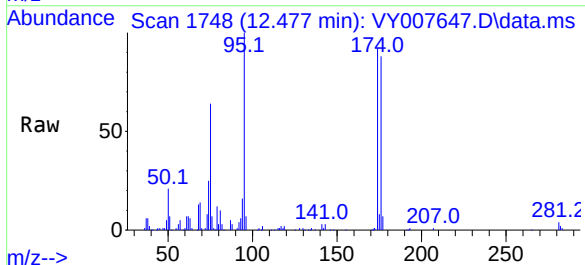
Instrument :
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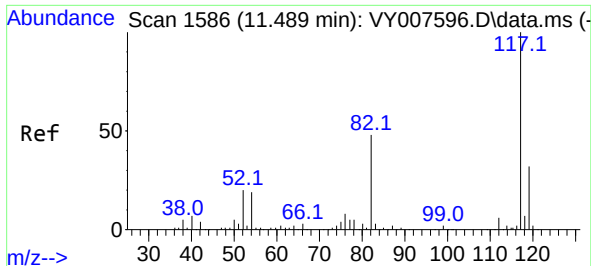
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 172.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.692 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 95 Resp: 44341
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 97.9 0.0 175.8

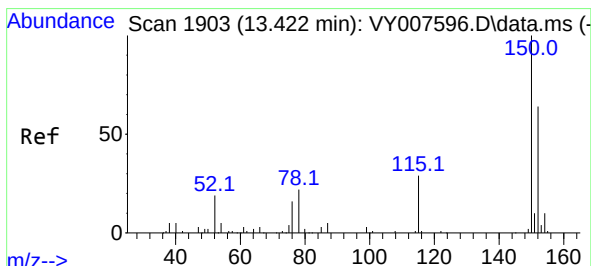
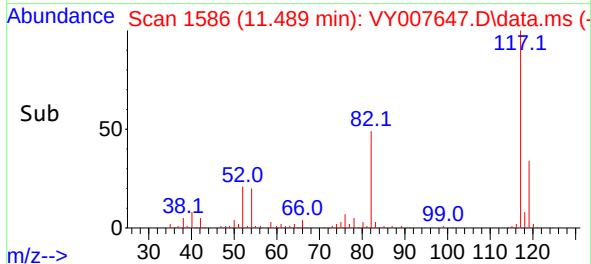
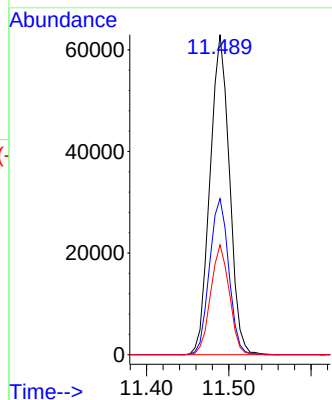
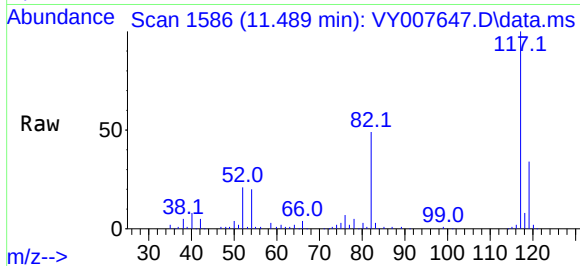




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

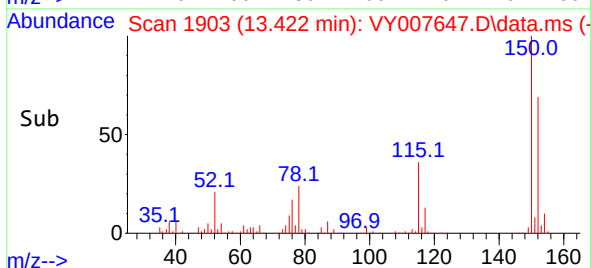
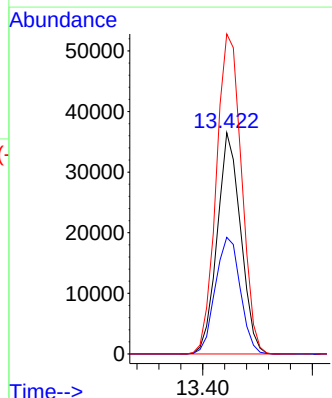
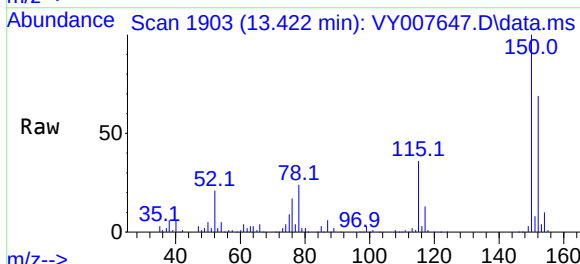
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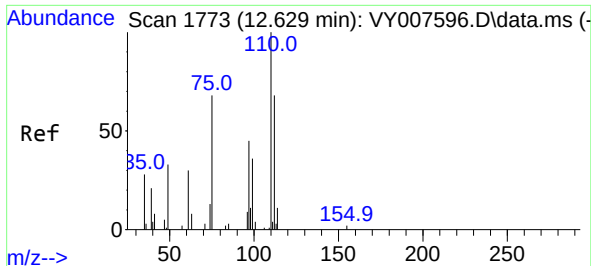
Tgt Ion:117 Resp: 103604
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 34.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion:152 Resp: 54388
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 155.0 0.0 347.6

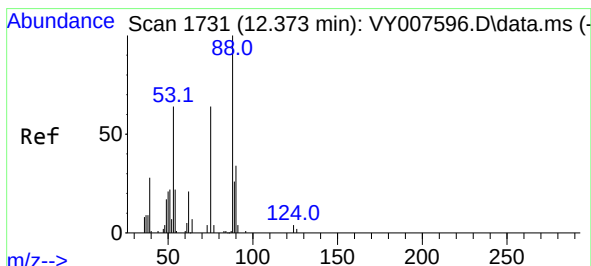
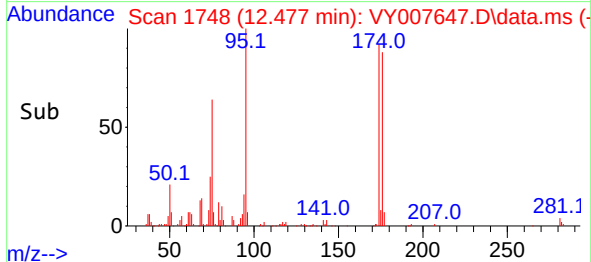
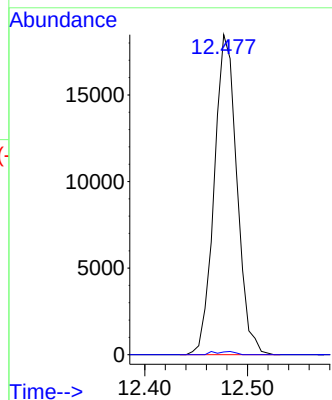
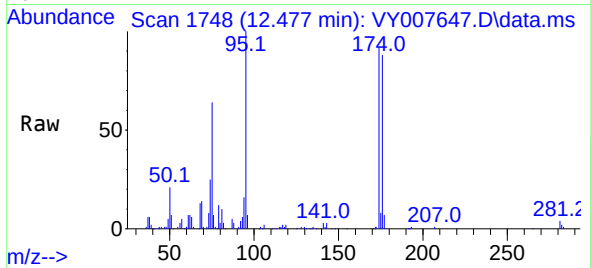




#76
1,2,3-Trichloropropane
Concen: 52.044 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
TP-11

Tgt Ion: 75 Resp: 28310
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.904 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007647.D
Acq: 25 Feb 2022 19:18

Tgt Ion: 75 Resp: 28310
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

