

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007642.D
 Acq On : 25 Feb 2022 17:21
 Operator : SY/MD
 Sample : N1664-19
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Feb 27 23:58:48 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)

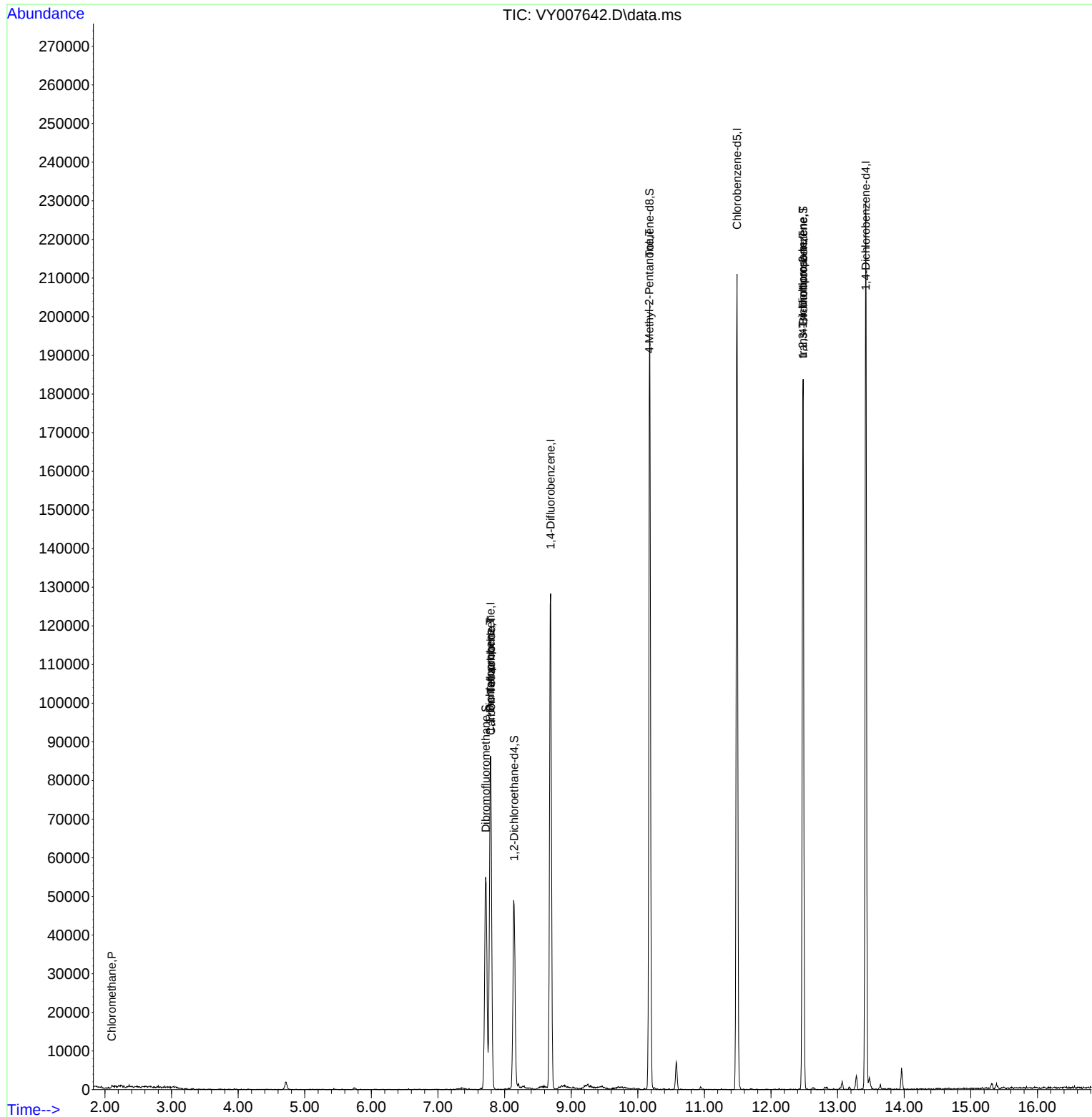
Internal Standards						
1) Pentafluorobenzene	7.789	168	66505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39243	53.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.715	113	35204	50.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.980%	
50) Toluene-d8	10.178	98	129817	50.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.483	95	48225	54.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	231	1.034	ug/l	98
5) Bromomethane	2.674	94	82	Below Cal		84
20) Methylene Chloride	4.710	84	1430	Below Cal	#	49
31) Cyclohexane	7.782	56	1603	Below Cal	#	34
36) 1,1-Dichloropropene	7.782	75	4977	4.953	ug/l #	53
38) Carbon Tetrachloride	7.795	117	7263	4.936	ug/l #	18
51) 4-Methyl-2-Pentanone	10.172	43	507	1.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	29154	53.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29154	115.452	ug/l #	7

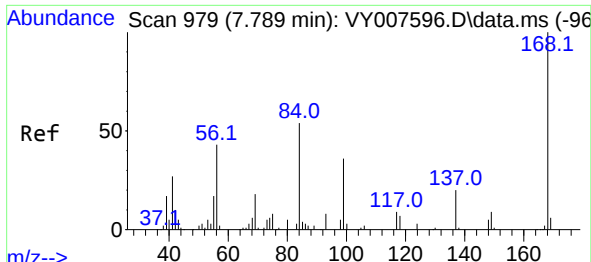
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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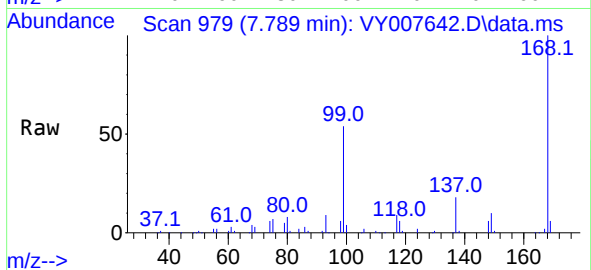
Quant Time: Feb 27 23:58:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
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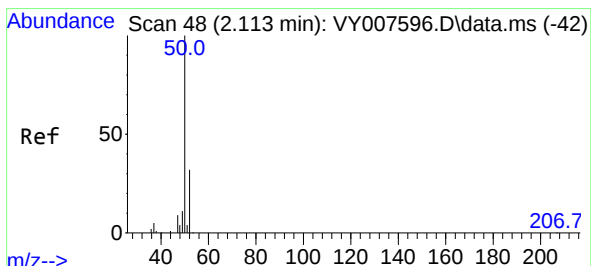
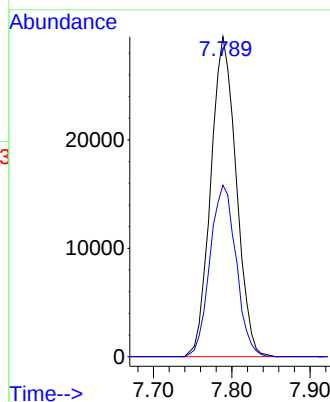
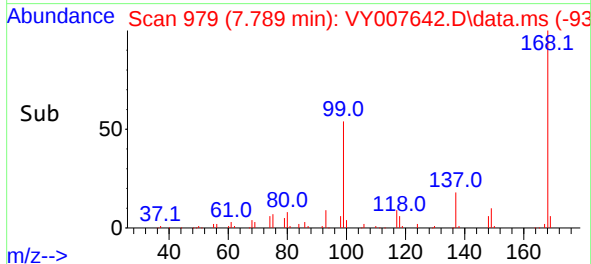


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Instrument :
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ClientSampleId :
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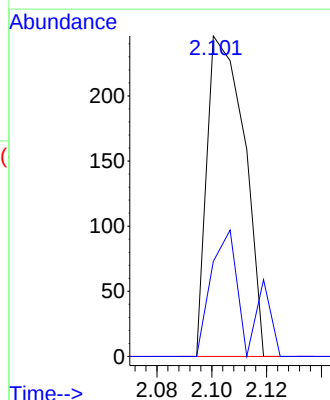
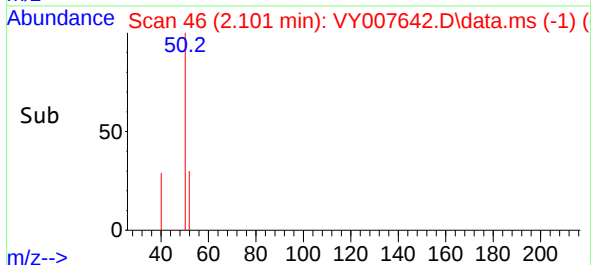
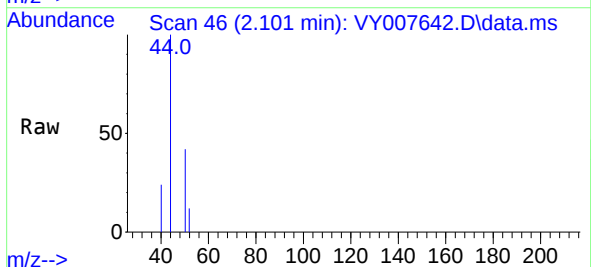


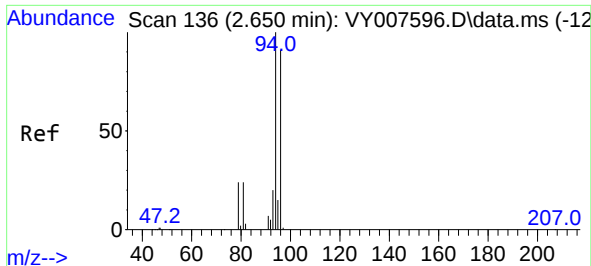
Tgt Ion:168 Resp: 66505
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#3
Chloromethane
Concen: 1.034 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.012 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 29.7 24.6 37.0

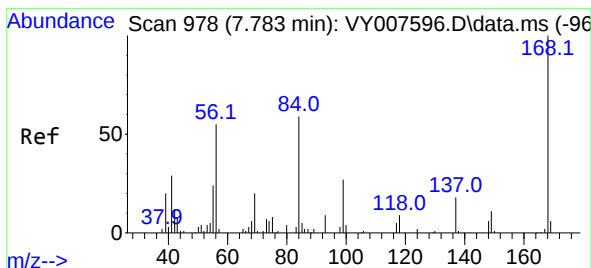
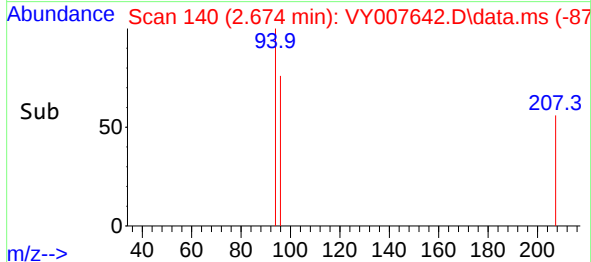
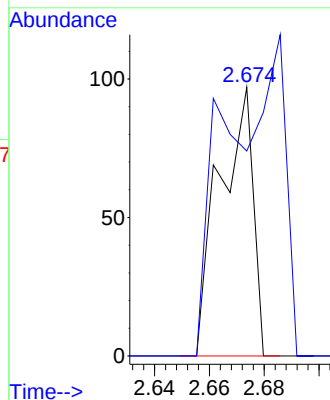
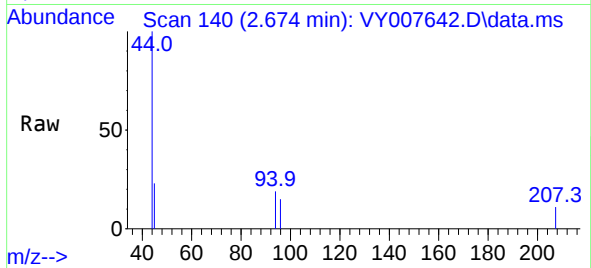




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

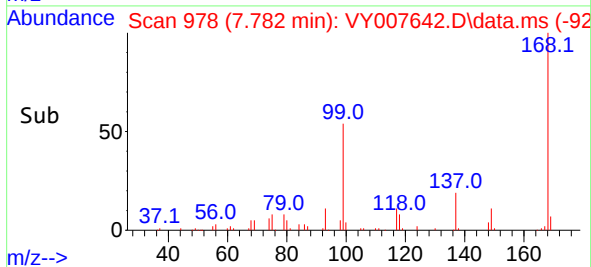
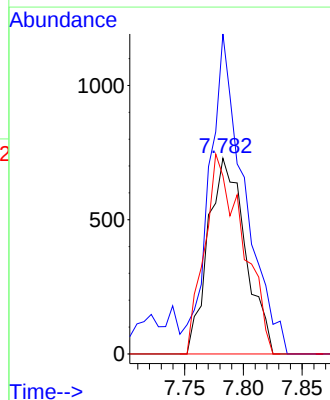
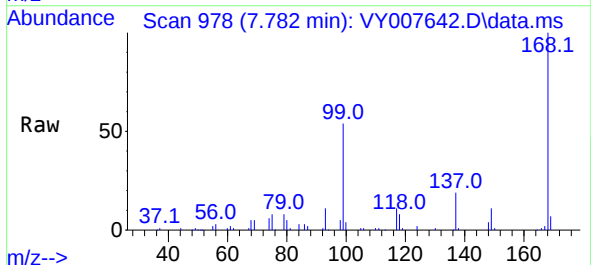
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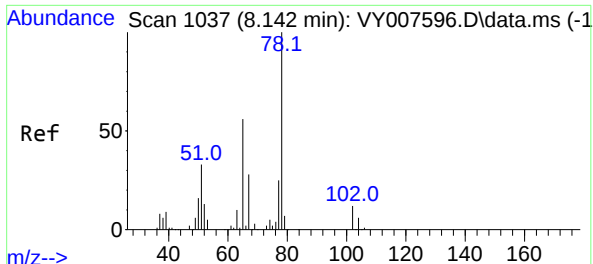
Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 76.3 73.5 110.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.782 min Scan# 978
Delta R.T. -0.001 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 56 Resp: 1603
Ion Ratio Lower Upper
56 100
69 153.5 26.7 40.1#
84 90.9 67.2 100.8

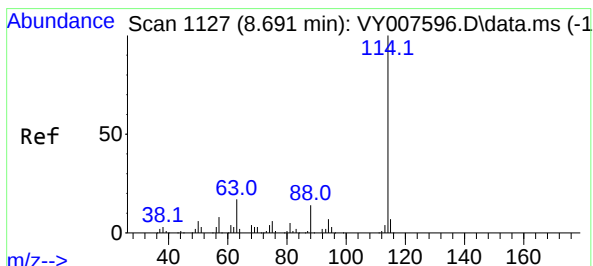
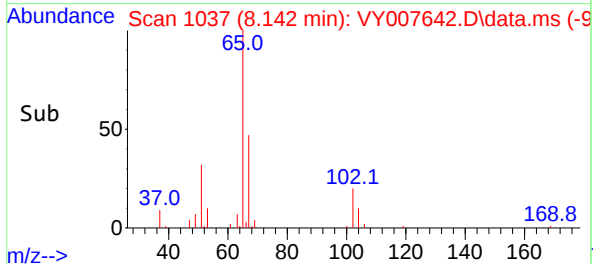
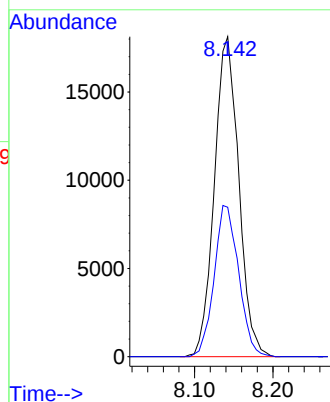
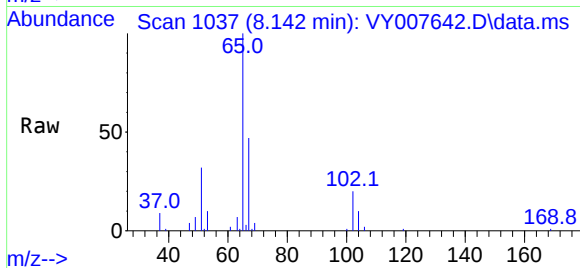




#33
1,2-Dichloroethane-d4
Concen: 53.043 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

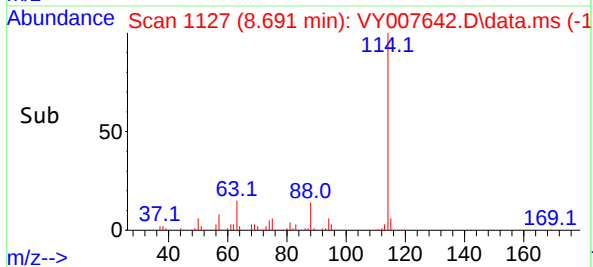
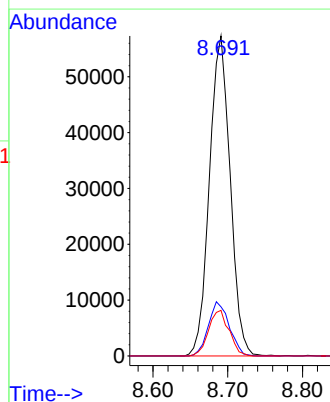
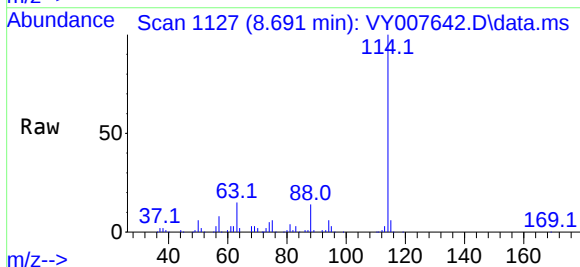
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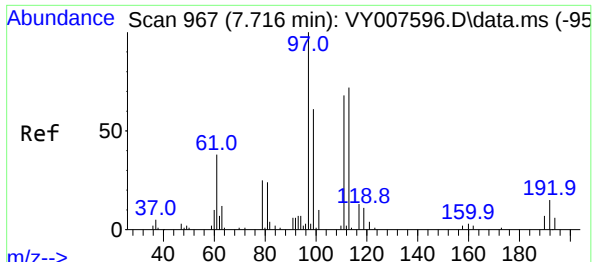
Tgt Ion: 65 Resp: 39243
Ion Ratio Lower Upper
65 100
67 47.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 114 Resp: 110511
Ion Ratio Lower Upper
114 100
63 15.3 0.0 43.2
88 14.2 0.0 31.8

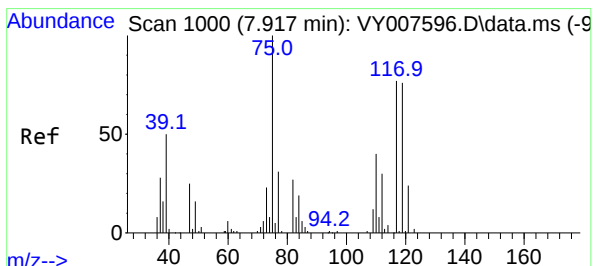
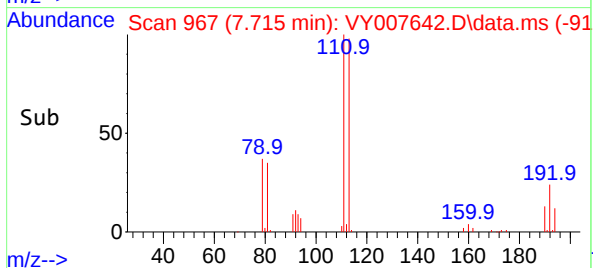
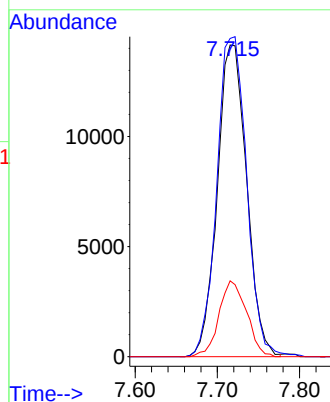
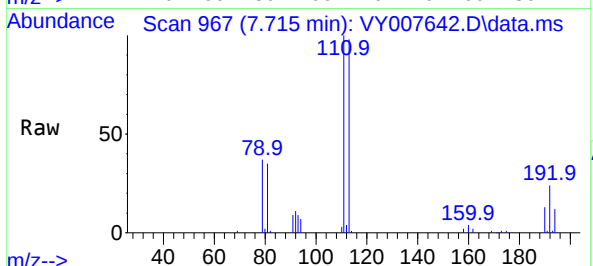




#35
Dibromofluoromethane
Concen: 50.485 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

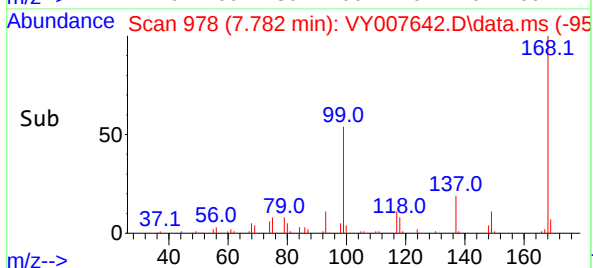
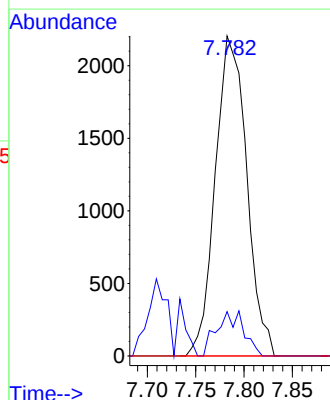
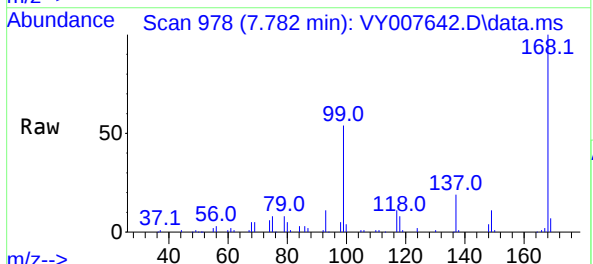
Instrument :
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ClientSampleId :
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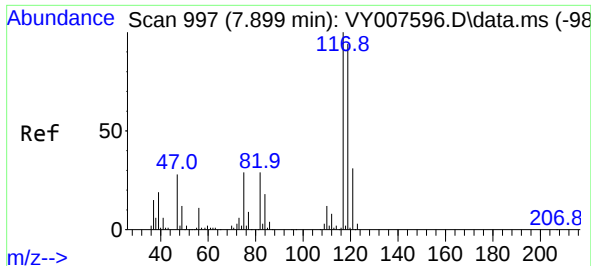
Tgt Ion:113 Resp: 35204
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 22.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 75 Resp: 4977
Ion Ratio Lower Upper
75 100
110 12.1 17.1 51.2#
77 0.0 24.4 36.6#

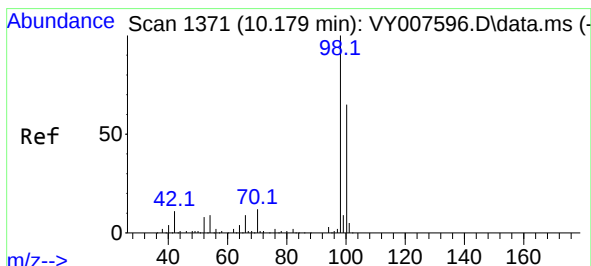
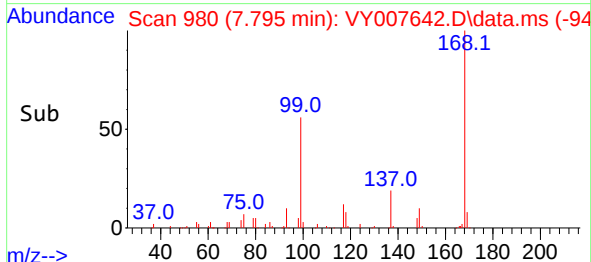
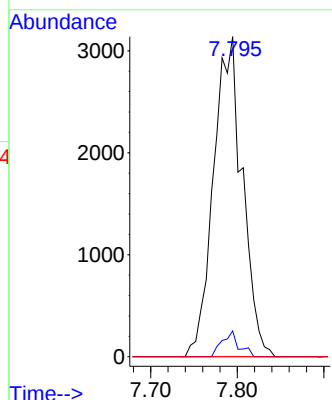
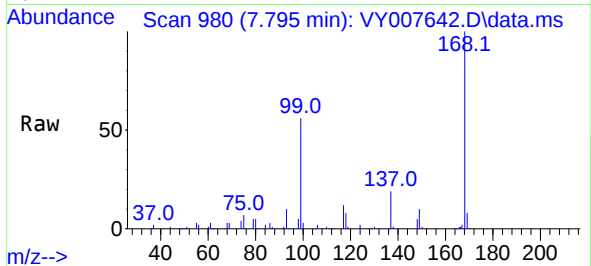




#38
Carbon Tetrachloride
Concen: 4.936 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

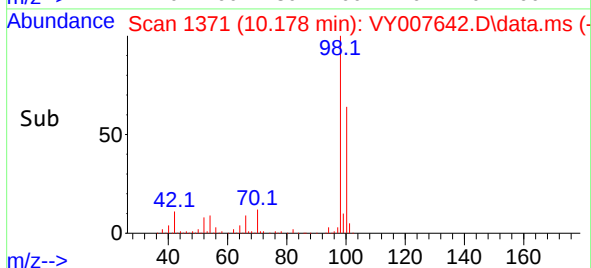
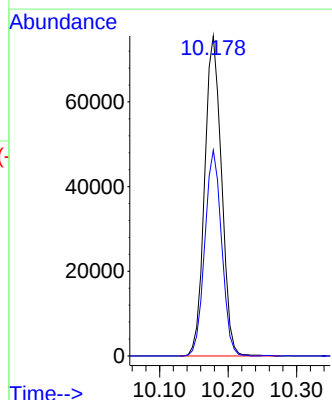
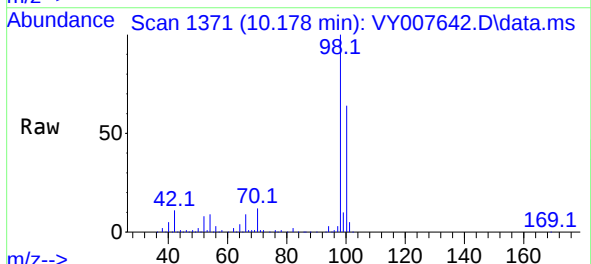
Instrument :
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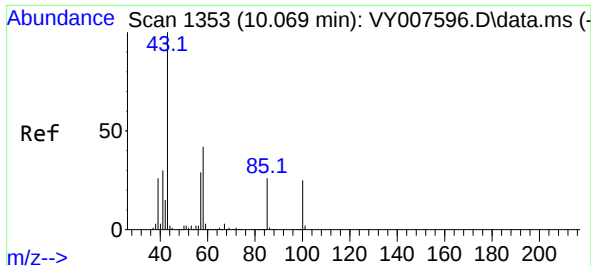
Tgt Ion:117 Resp: 7263
Ion Ratio Lower Upper
117 100
119 8.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.294 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 98 Resp: 129817
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

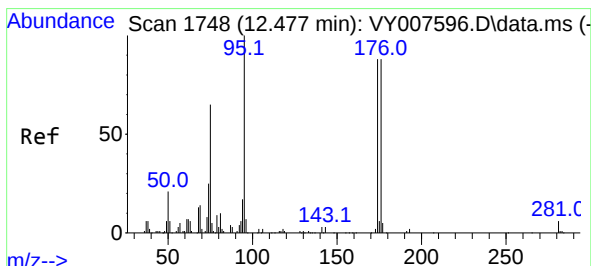
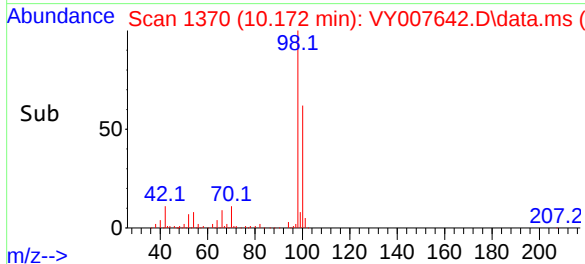
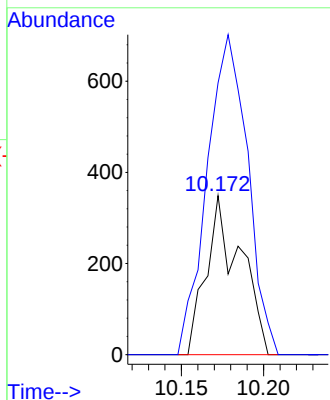
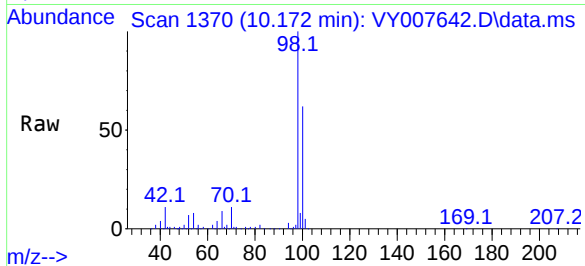




#51
4-Methyl-2-Pentanone
Concen: 1.090 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

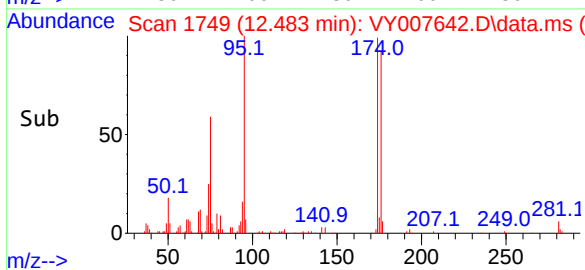
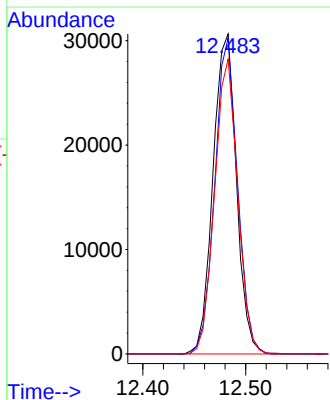
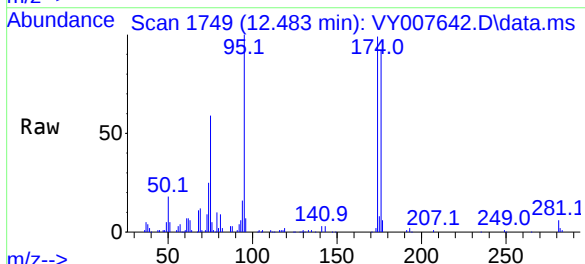
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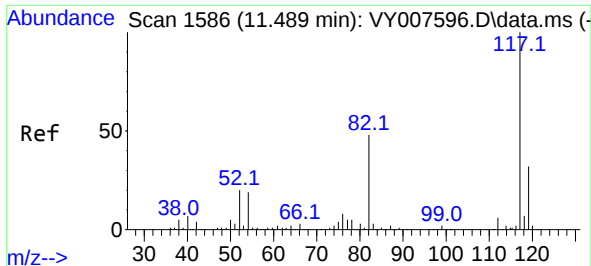
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 237.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 54.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 95 Resp: 48225
Ion Ratio Lower Upper
95 100
174 96.3 0.0 177.0
176 91.1 0.0 175.8

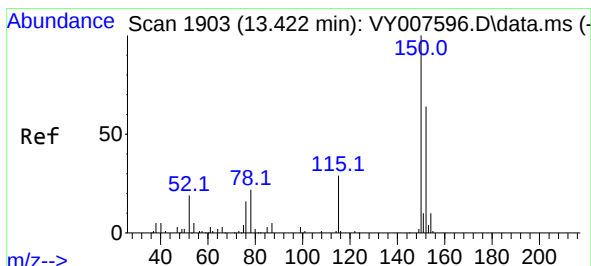
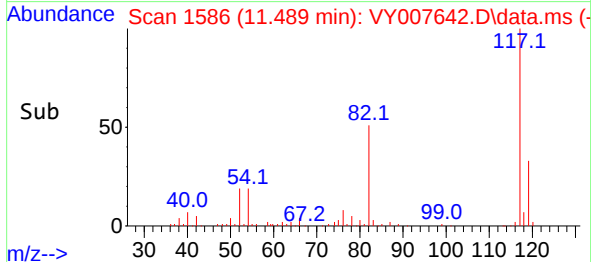
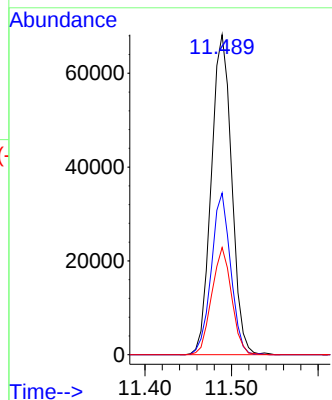
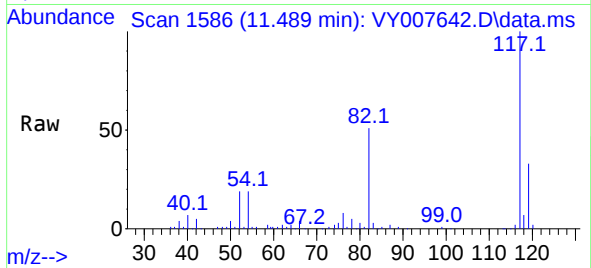




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

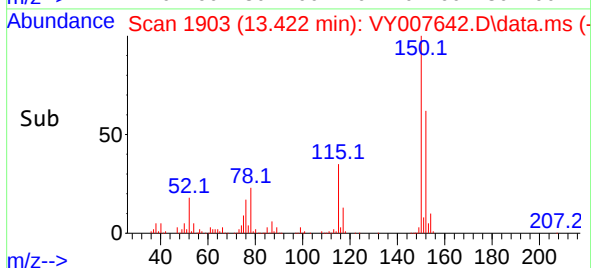
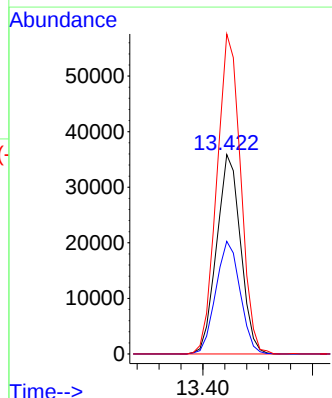
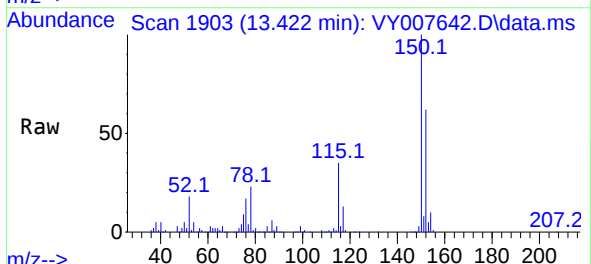
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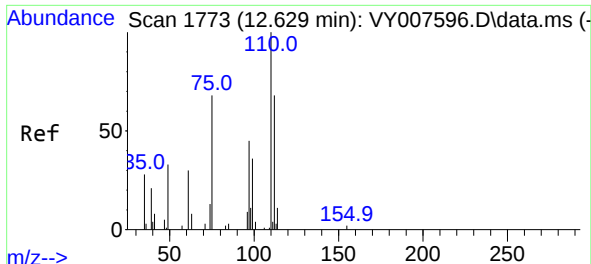
Tgt Ion:117 Resp: 111671
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion:152 Resp: 54288
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 160.0 0.0 347.6

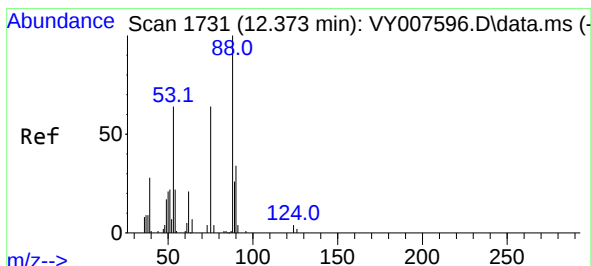
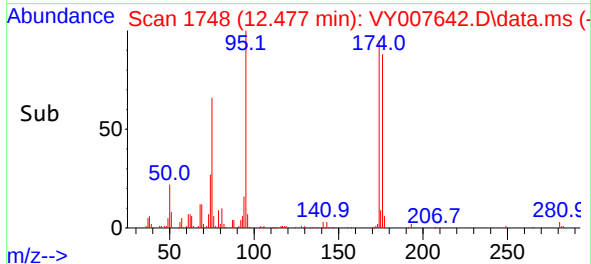
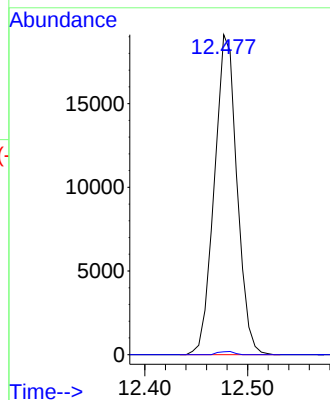
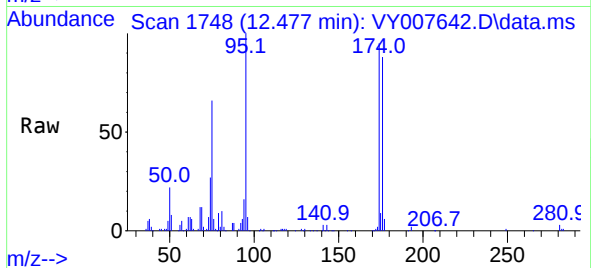




#76
1,2,3-Trichloropropane
Concen: 53.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Instrument :
MSVOA_Y
ClientSampleId :
TP-7

Tgt Ion: 75 Resp: 29154
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007642.D
Acq: 25 Feb 2022 17:21

Tgt Ion: 75 Resp: 29154
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

