

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007409.D
 Acq On : 07 Feb 2022 13:43
 Operator : SY/MD
 Sample : N1387-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26516

Quant Time: Feb 08 00:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

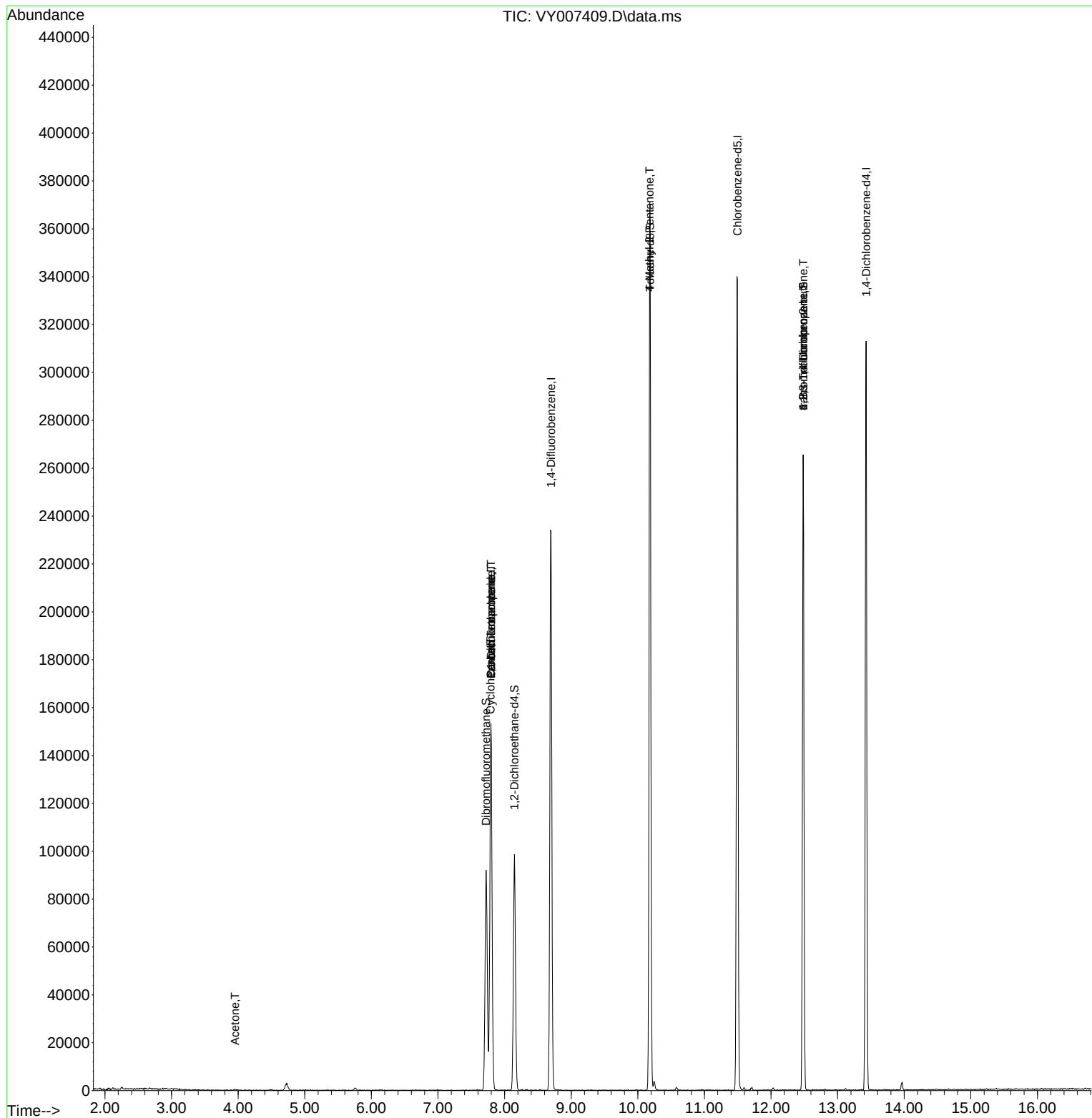
Internal Standards						
1) Pentafluorobenzene	7.795	168	112484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	203398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76021	58.756	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 117.520%		
35) Dibromofluoromethane	7.722	113	65351	50.036	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.080%		
50) Toluene-d8	10.185	98	247643	51.321	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.640%		
62) 4-Bromofluorobenzene	12.483	95	84144	51.304	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 102.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	681	Below Cal	#	81
16) Acetone	3.954	43	778	1.851	ug/l #	47
20) Methylene Chloride	4.729	84	2256	Below Cal	#	76
31) Cyclohexane	7.789	56	2737	1.084	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	9497	4.159	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12518	5.218	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1155	1.073	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45143	49.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45143	98.837	ug/l #	7

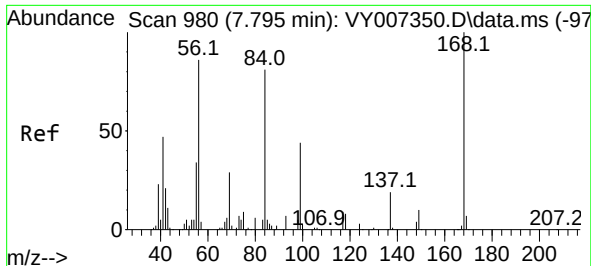
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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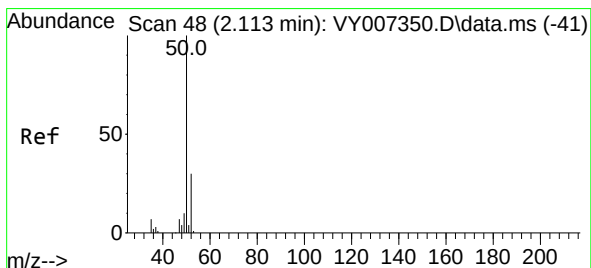
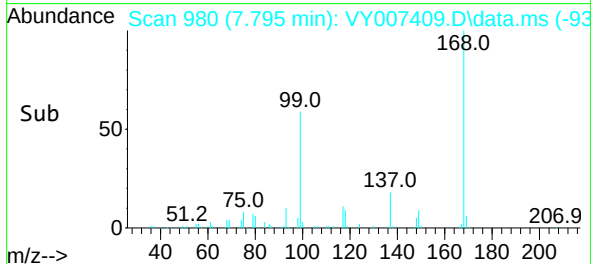
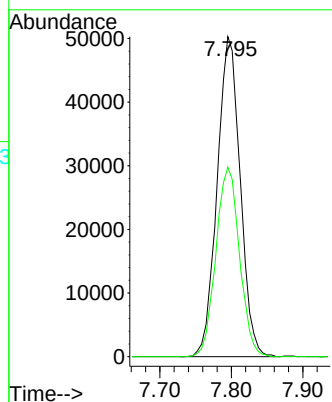
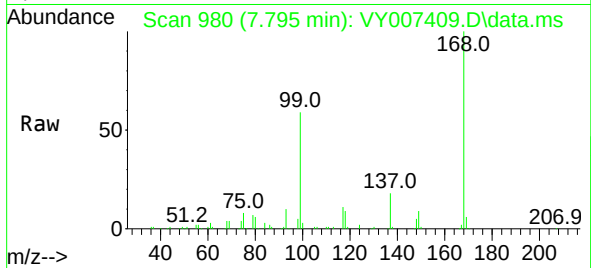




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

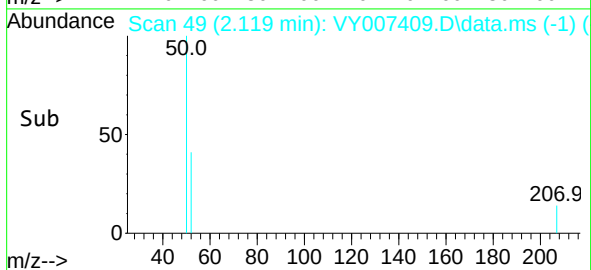
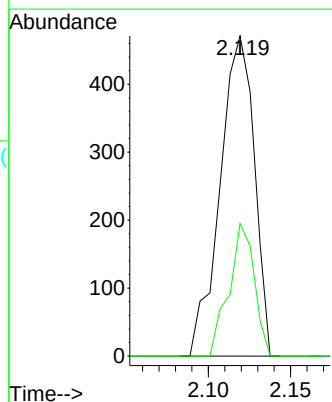
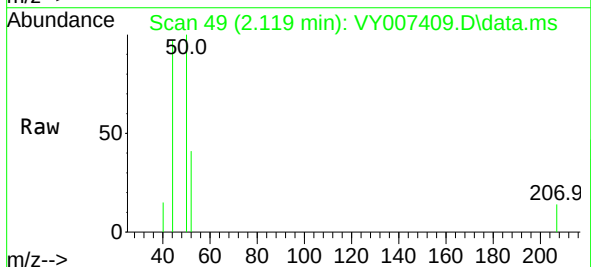
Instrument :
MSVOA_Y
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26516

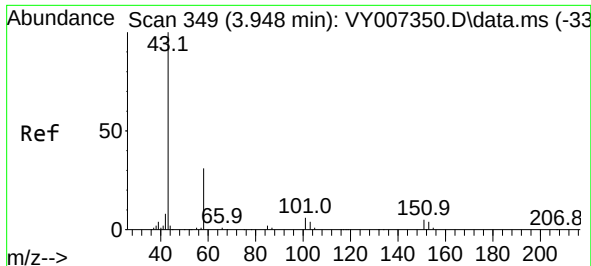
Tgt Ion:168 Resp: 112484
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 41.4 24.6 37.0#

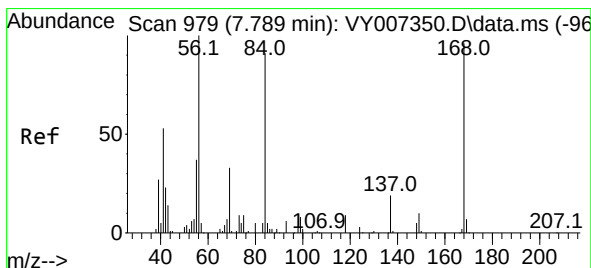
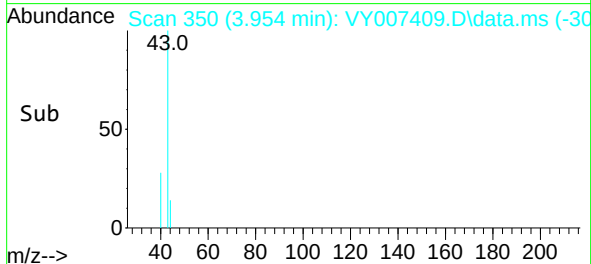
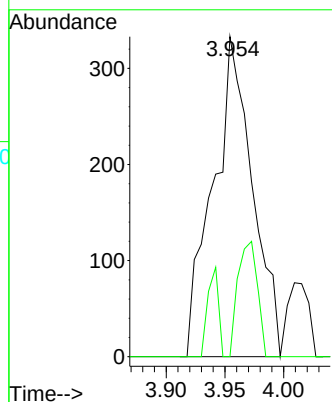
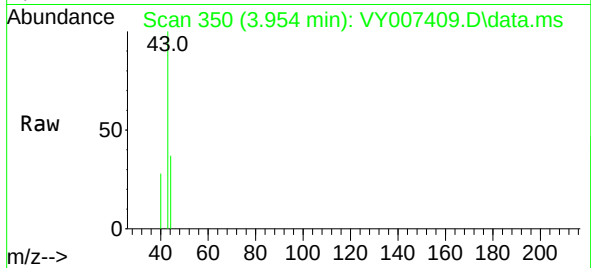




#16
Acetone
Concen: 1.851 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

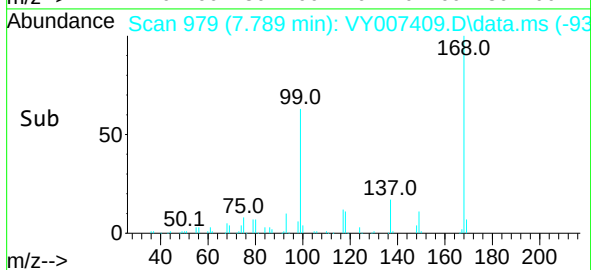
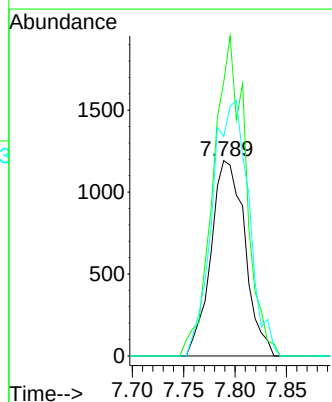
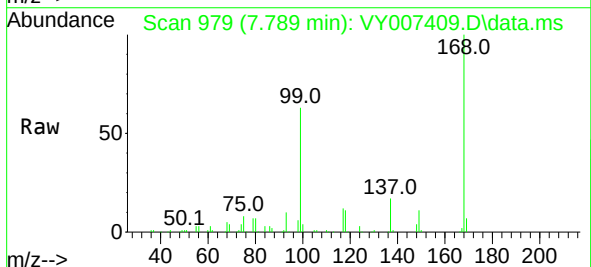
Instrument :
MSVOA_Y
ClientSampleId :
26516

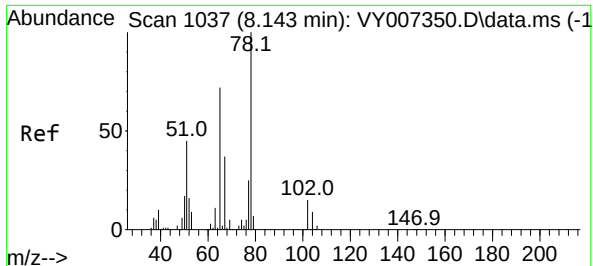
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 56 Resp: 2737
Ion Ratio Lower Upper
56 100
69 140.3 26.7 40.1#
84 112.4 67.2 100.8#

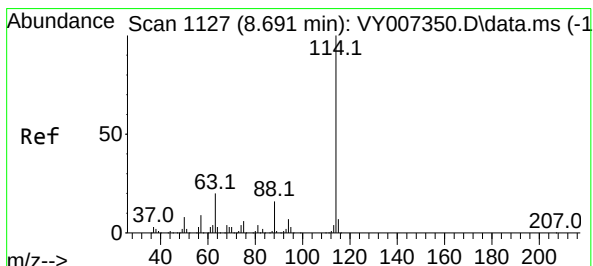
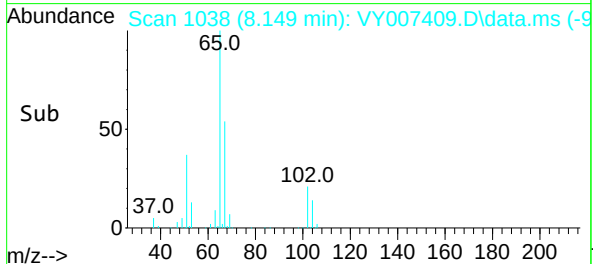
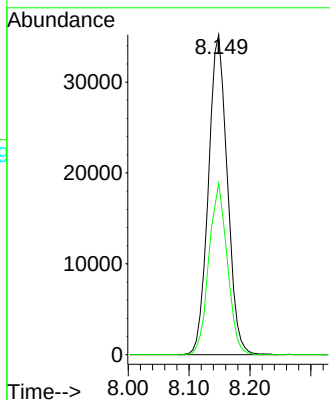
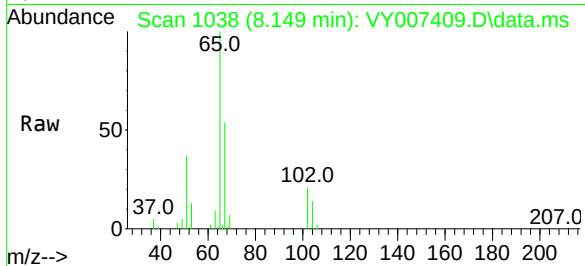




#33
1,2-Dichloroethane-d4
Concen: 58.756 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

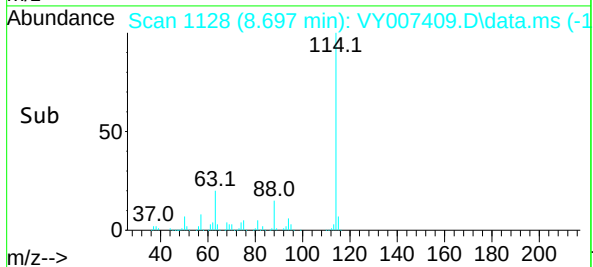
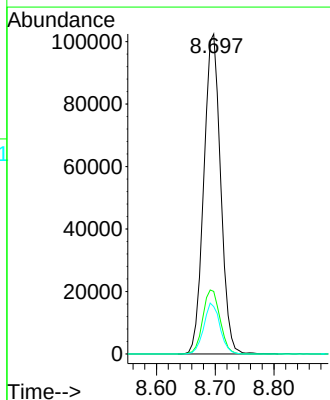
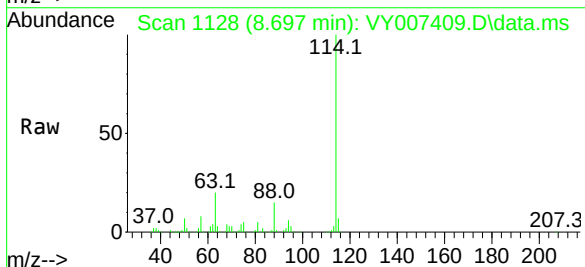
Instrument :
MSVOA_Y
ClientSampleId :
26516

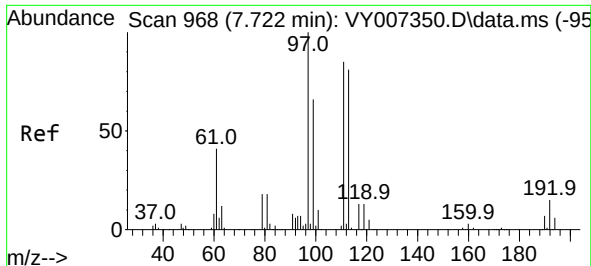
Tgt Ion: 65 Resp: 76021
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion:114 Resp: 203398
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.8 0.0 31.8

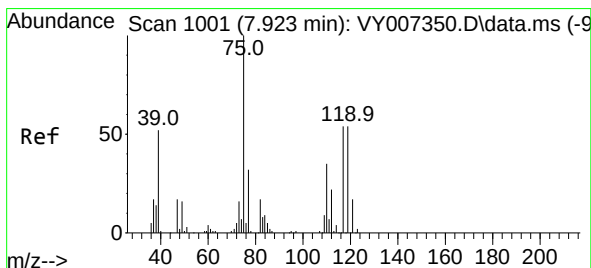
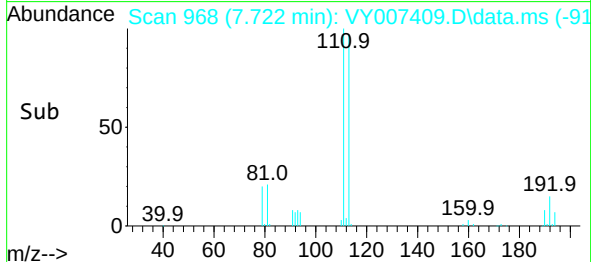
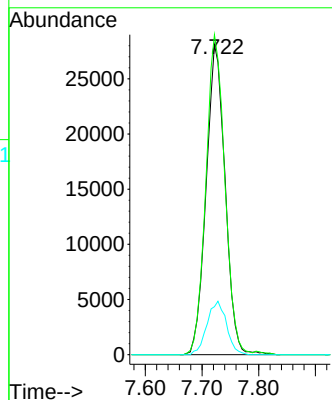
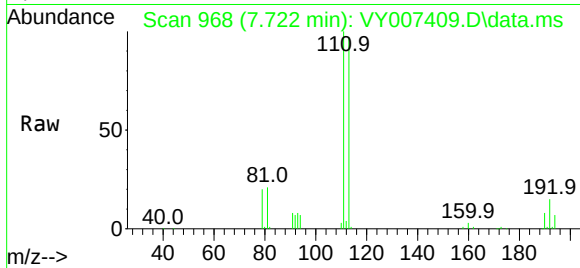




#35
Dibromofluoromethane
Concen: 50.036 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

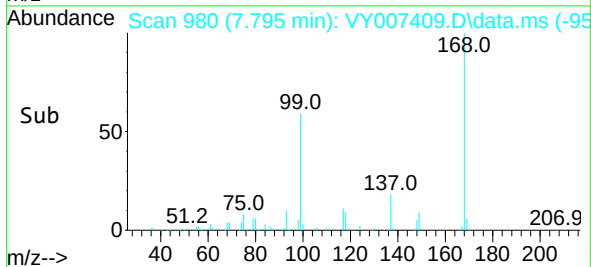
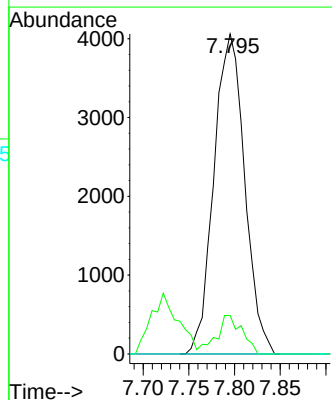
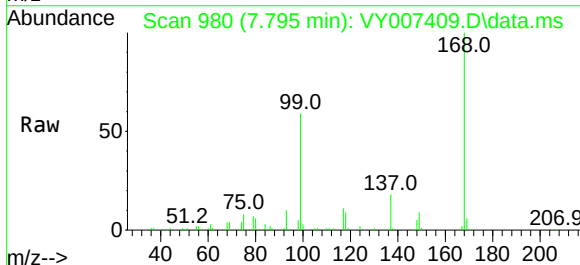
Instrument :
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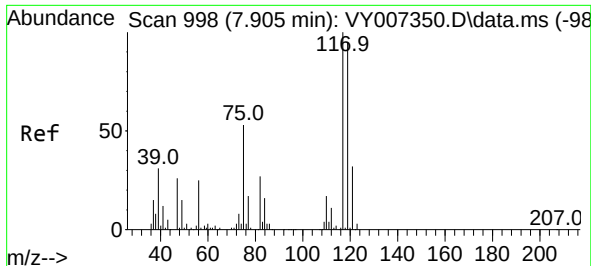
Tgt Ion:113 Resp: 65351
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.159 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 75 Resp: 9497
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

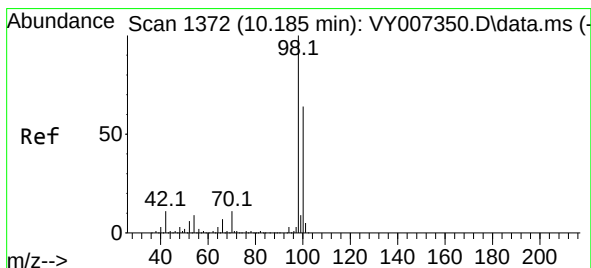
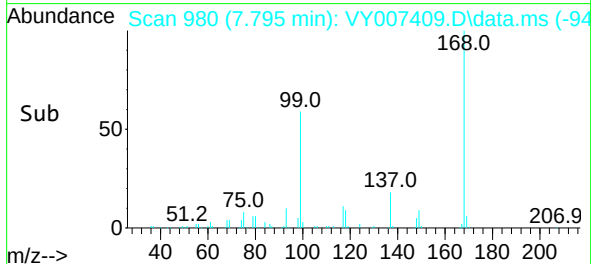
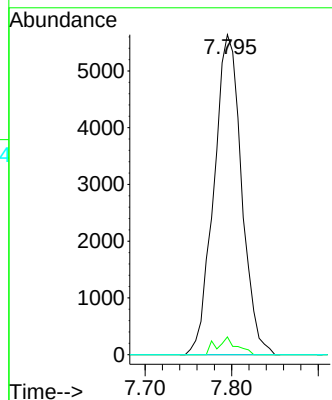
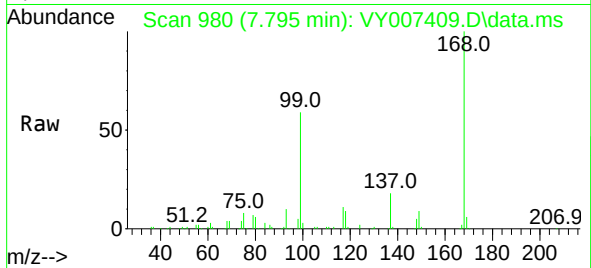




#38
Carbon Tetrachloride
Concen: 5.218 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

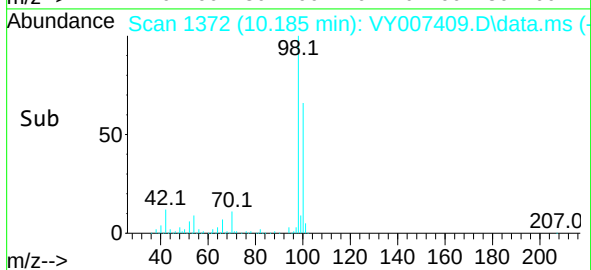
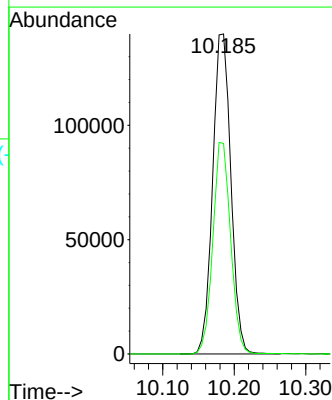
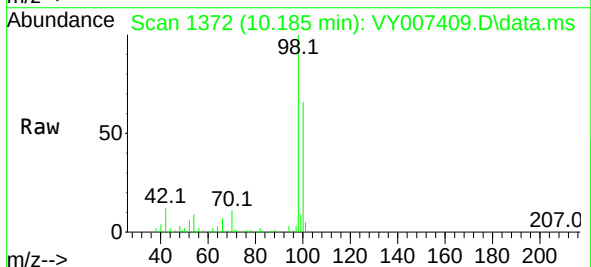
Instrument :
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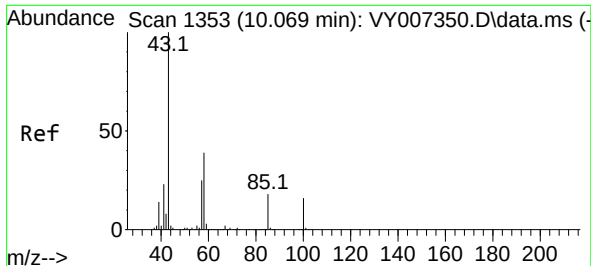
Tgt Ion:117 Resp: 12518
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.321 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 98 Resp: 247643
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

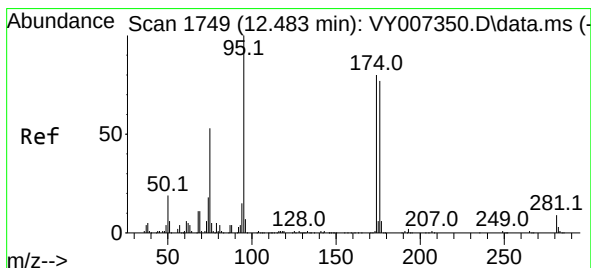
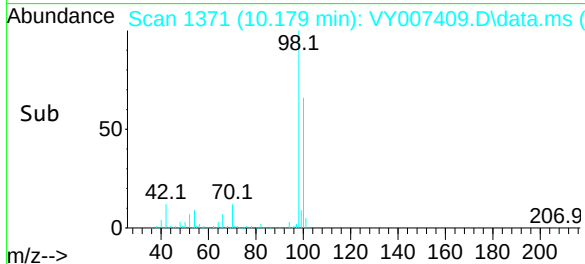
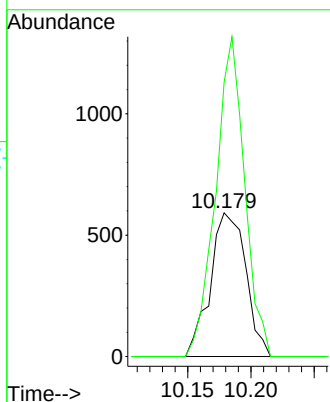
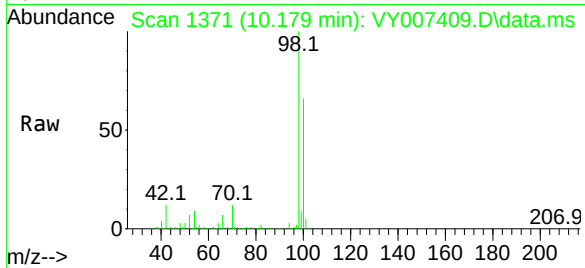




#51
4-Methyl-2-Pentanone
Concen: 1.073 ug/l
RT: 10.179 min Scan# 1155
Delta R.T. 0.110 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

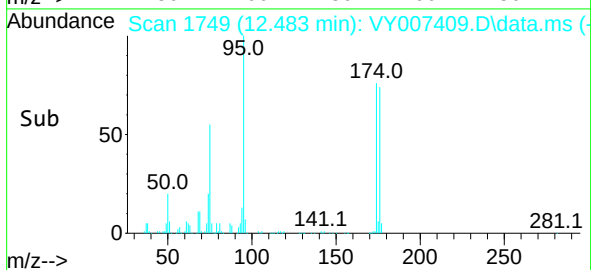
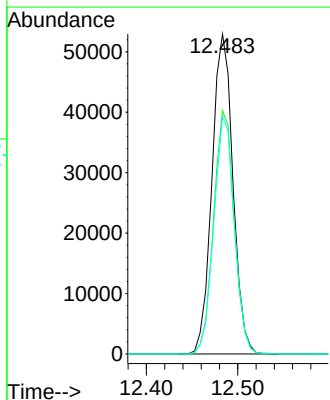
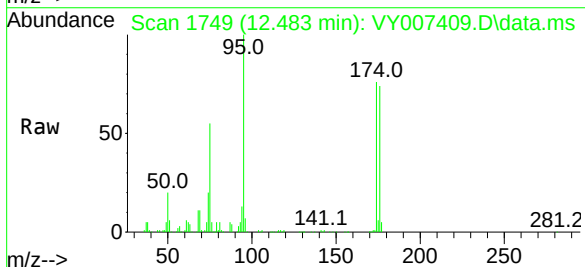
Instrument : MSVOA_Y
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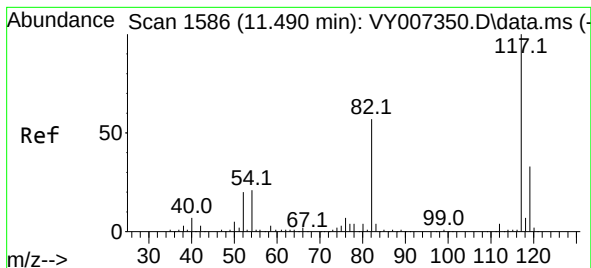
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 182.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 95 Resp: 84144
Ion Ratio Lower Upper
95 100
174 74.9 0.0 177.0
176 72.9 0.0 175.8

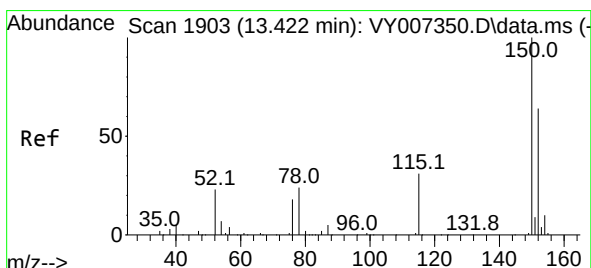
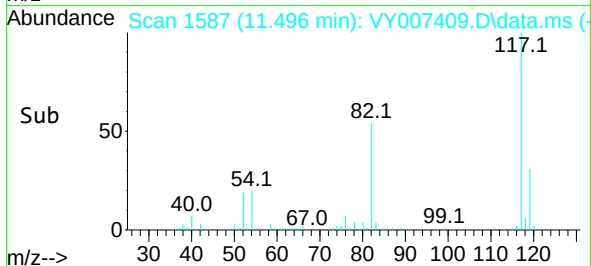
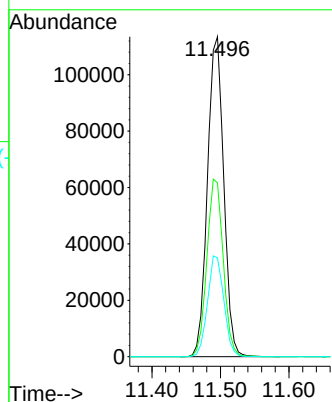
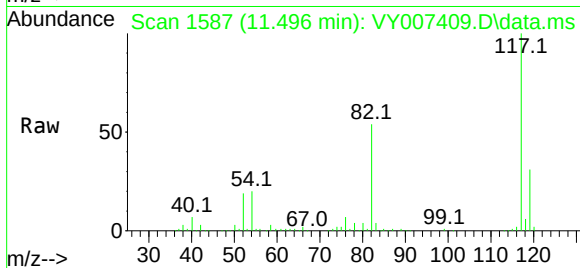




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

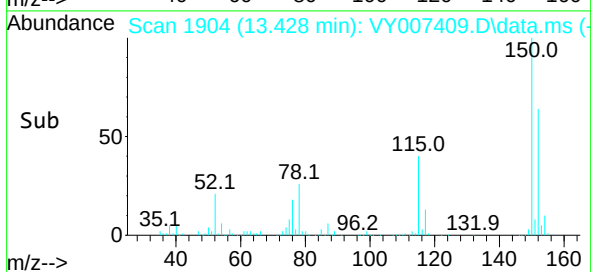
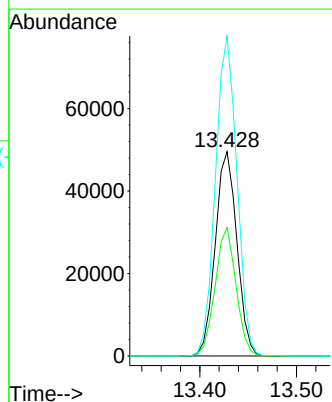
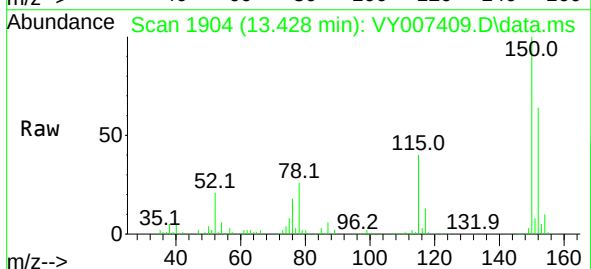
Instrument :
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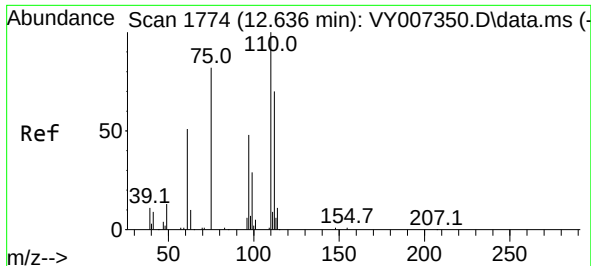
Tgt Ion:117 Resp: 187729
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion:152 Resp: 76971
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 155.3 0.0 347.6

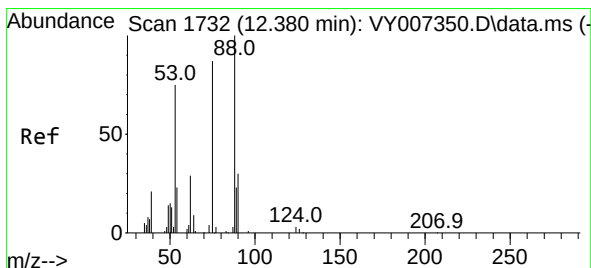
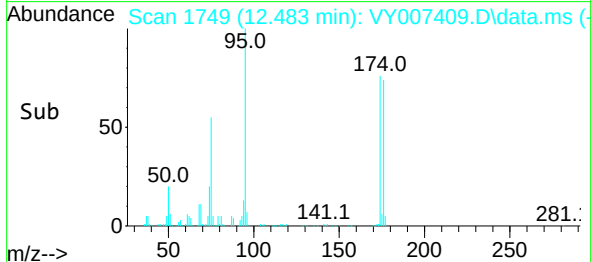
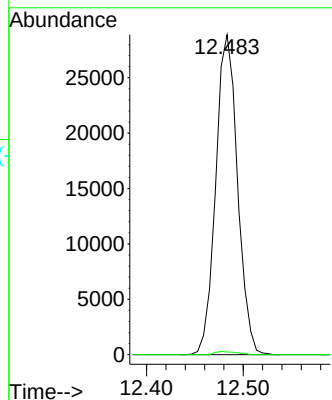
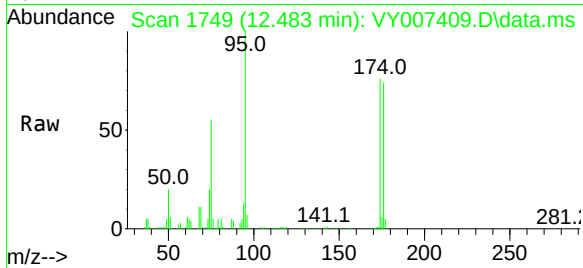




#76
1,2,3-Trichloropropane
Concen: 49.334 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Instrument :
MSVOA_Y
ClientSampleId :
26516

Tgt Ion: 75 Resp: 45143
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007409.D
Acq: 07 Feb 2022 13:43

Tgt Ion: 75 Resp: 45143
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

