

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009641.D
 Acq On : 21 Jul 2022 18:24
 Operator : KP/MD
 Sample : N3815-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190ERE

Quant Time: Jul 22 02:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

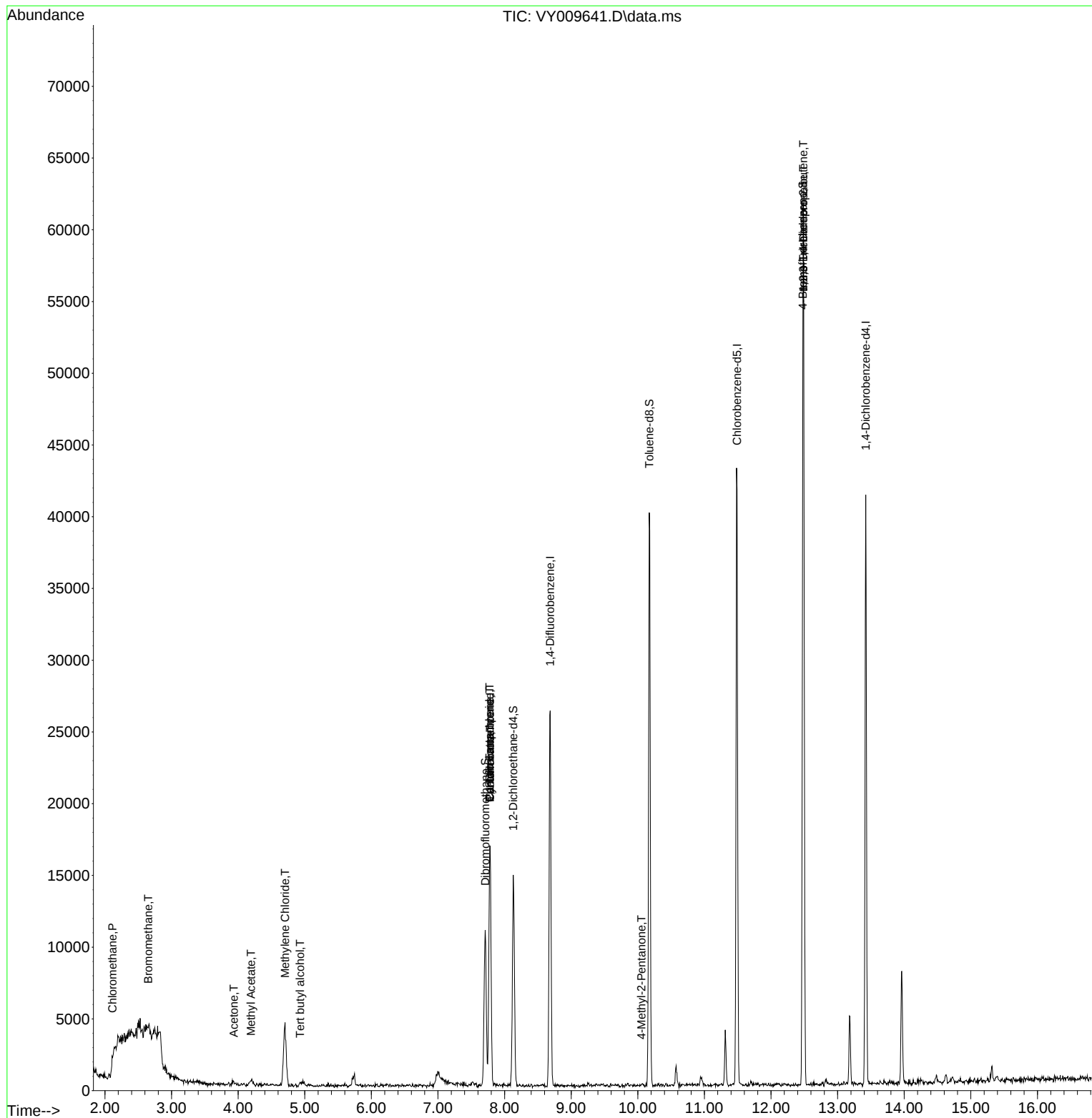
Internal Standards						
1) Pentafluorobenzene	7.783	168	14160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	11129	83.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.200%#	
35) Dibromofluoromethane	7.710	113	7720	51.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.172	98	27938	48.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	12.477	95	9166	49.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	300	1.629	ug/l	92
5) Bromomethane	2.649	94	343	2.632	ug/l #	78
11) Tert butyl alcohol	4.930	59	484	8.839	ug/l #	77
16) Acetone	3.936	43	489	14.434	ug/l #	85
18) Methyl Acetate	4.192	43	136	1.430	ug/l #	56
20) Methylene Chloride	4.704	84	3359	12.325	ug/l #	73
31) Cyclohexane	7.783	56	271	1.148	ug/l #	19
36) 1,1-Dichloropropene	7.777	75	1060	4.782	ug/l #	42
38) Carbon Tetrachloride	7.777	117	1355	5.840	ug/l #	11
51) 4-Methyl-2-Pentanone	10.057	43	148	1.261	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	4848	46.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4848	92.401	ug/l #	8

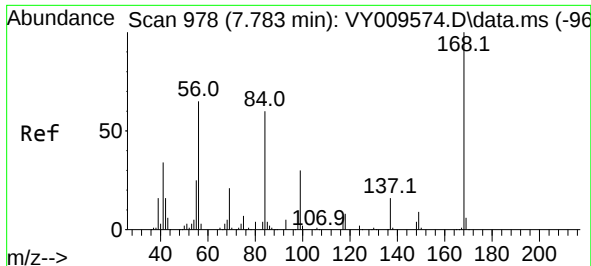
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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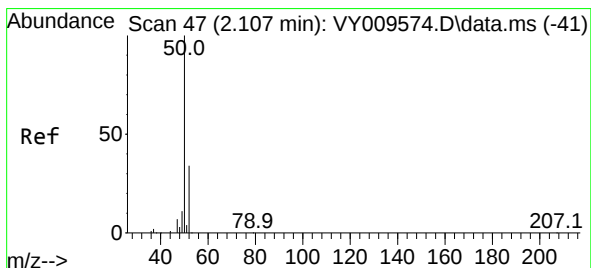
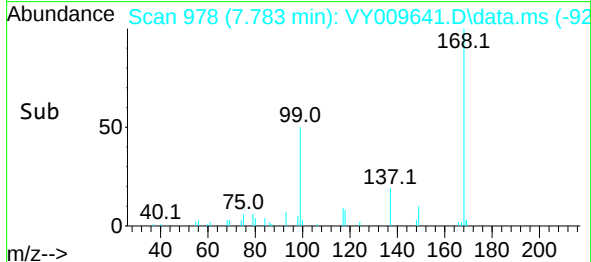
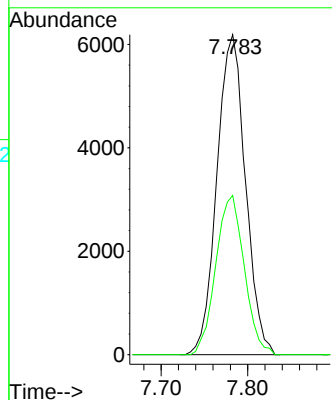
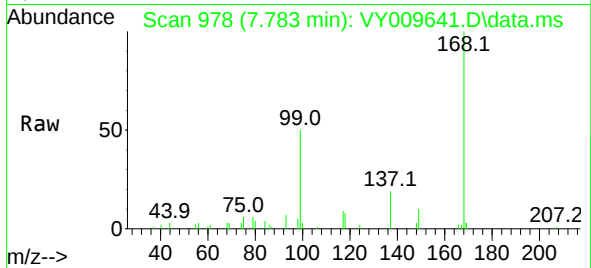




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

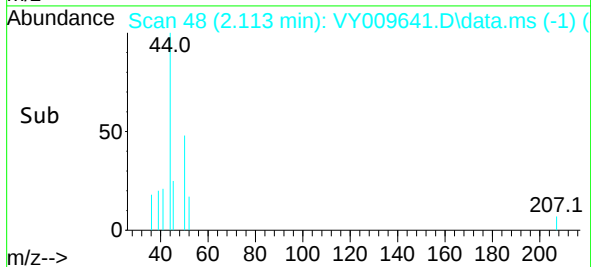
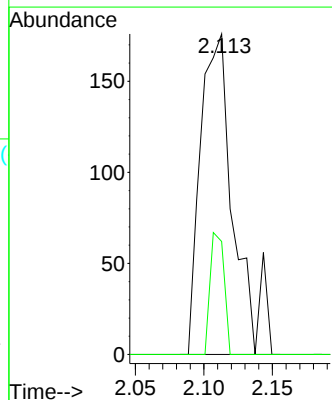
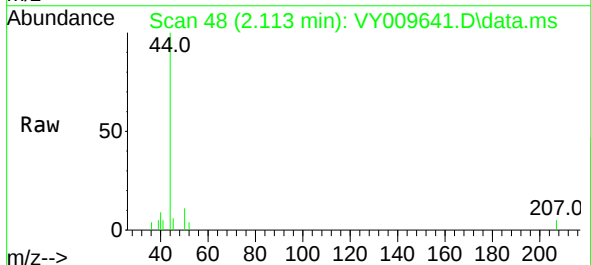
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

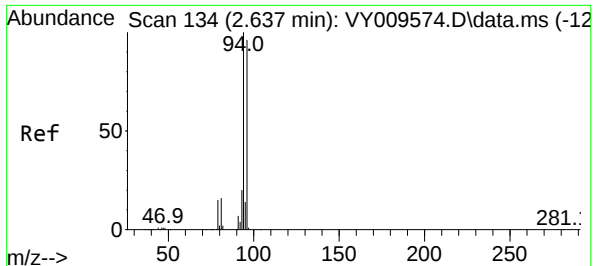
Tgt Ion:168 Resp: 14160
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#3
Chloromethane
Concen: 1.629 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 35.2 24.6 37.0

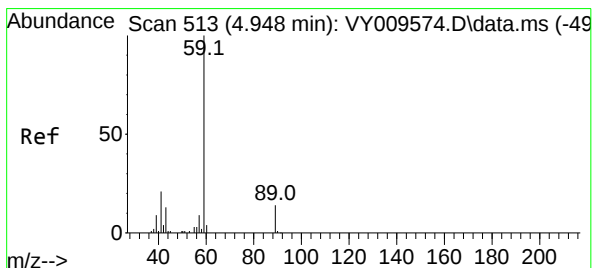
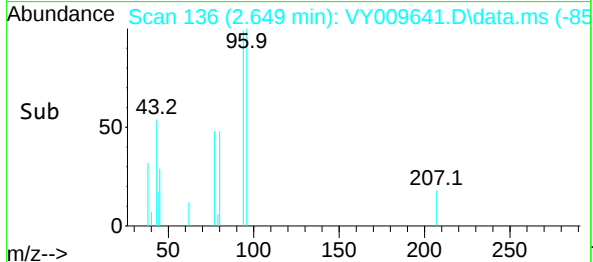
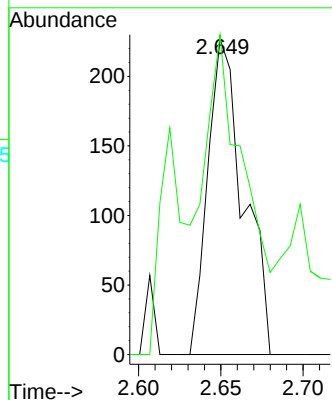
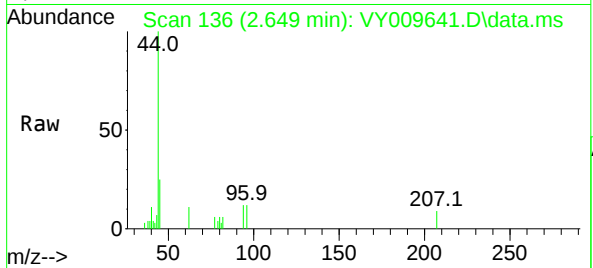




#5
Bromomethane
Concen: 2.632 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

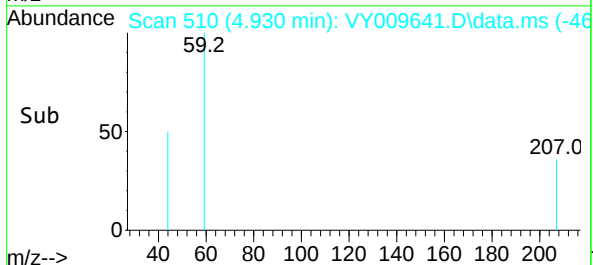
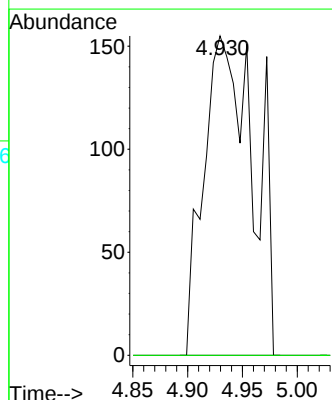
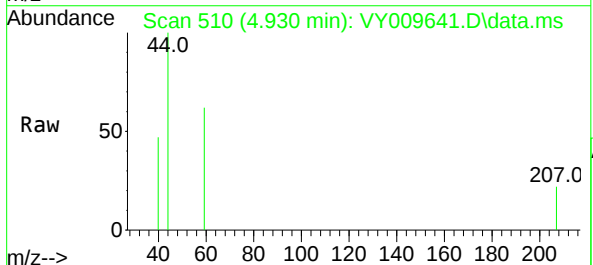
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

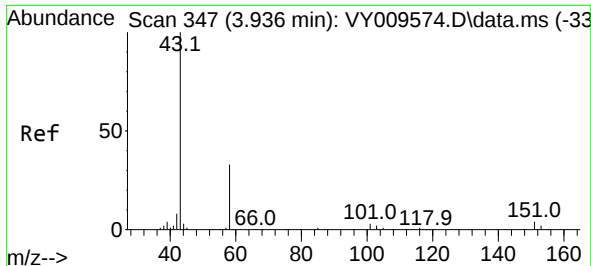
Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 70.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: 8.839 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

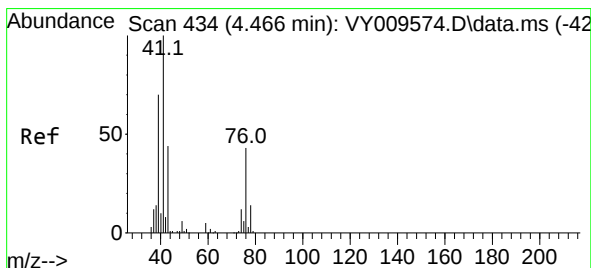
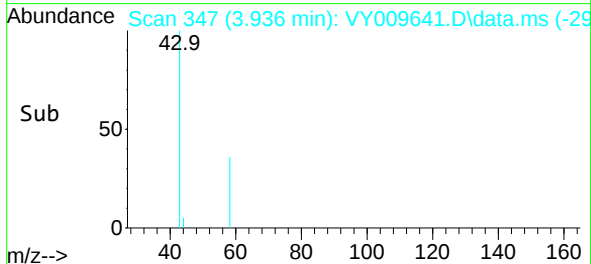
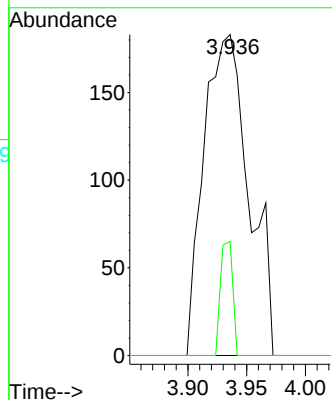
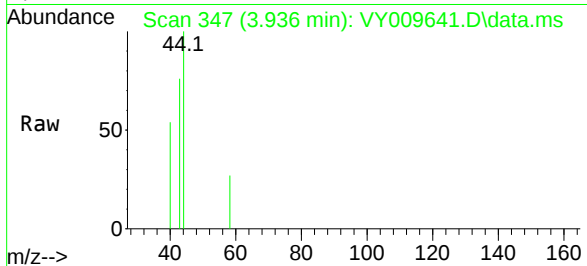




#16
Acetone
Concen: 14.434 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

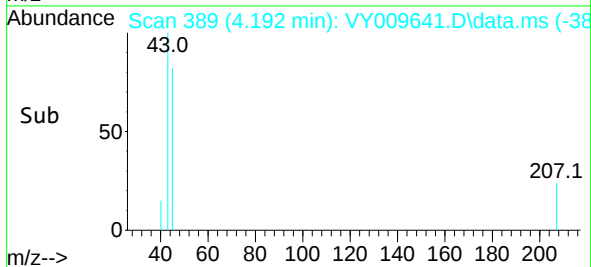
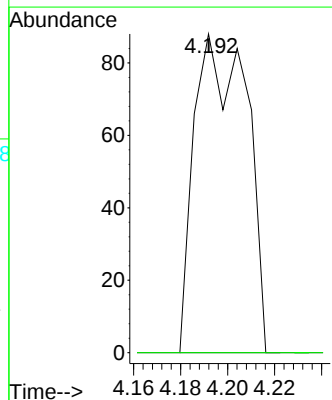
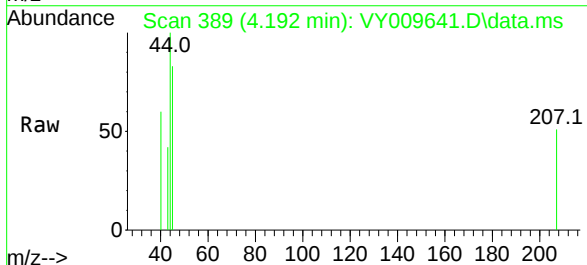
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

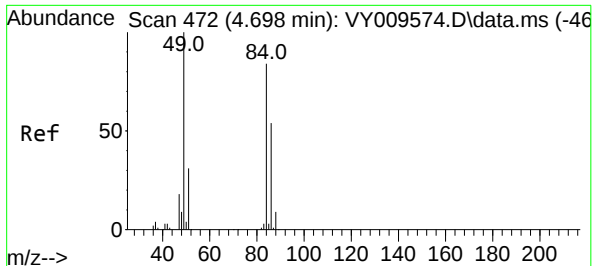
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.275 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

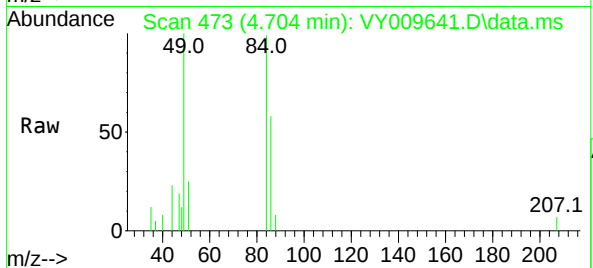
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



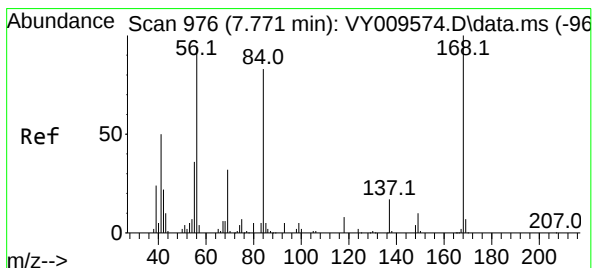
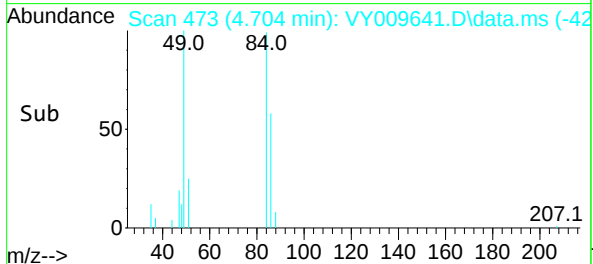
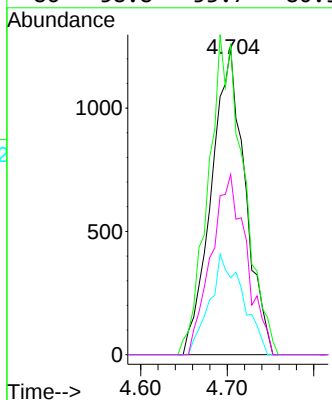


#20
Methylene Chloride
Concen: 12.325 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

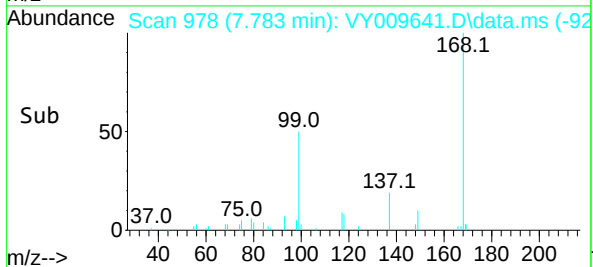
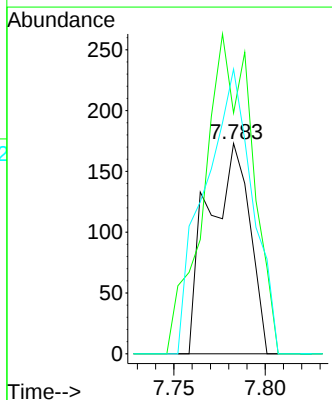
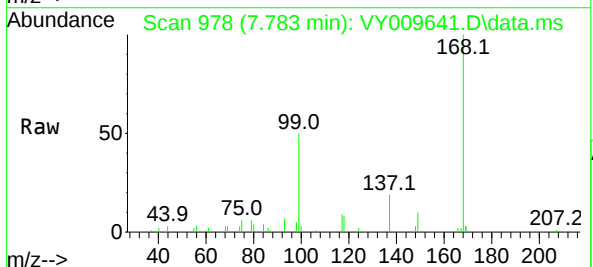


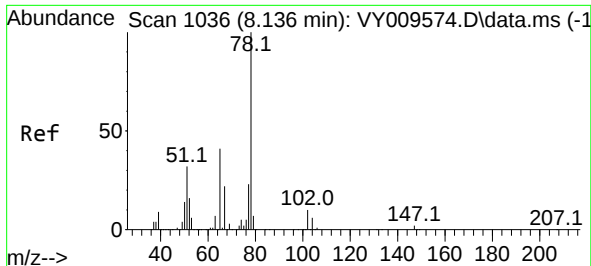
Tgt Ion: 84 Resp: 3359
Ion Ratio Lower Upper
84 100
49 101.4 114.4 171.6#
51 25.1 35.3 52.9#
86 58.8 53.7 80.5



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 56 Resp: 271
Ion Ratio Lower Upper
56 100
69 114.5 26.7 40.1#
84 135.3 67.2 100.8#

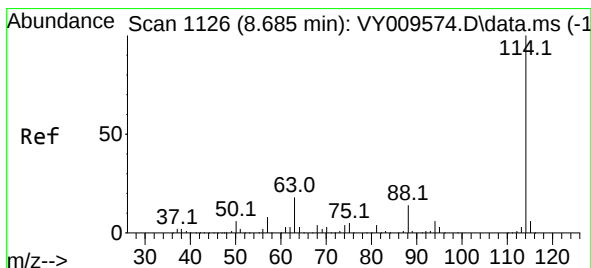
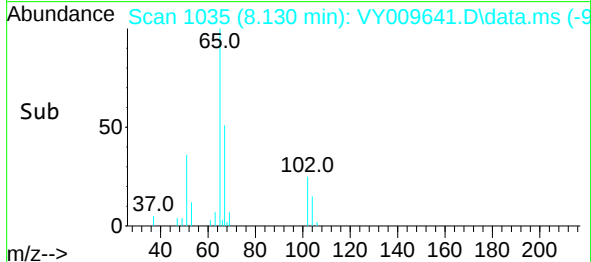
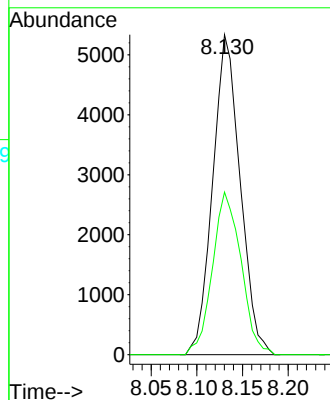
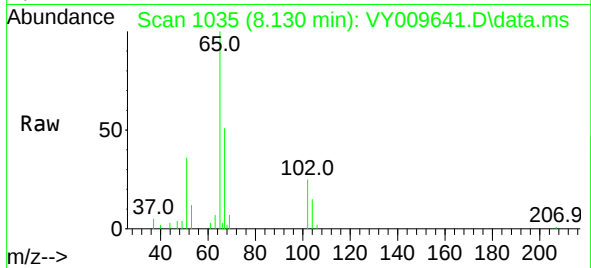




#33
 1,2-Dichloroethane-d4
 Concen: 83.102 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009641.D
 Acq: 21 Jul 2022 18:24

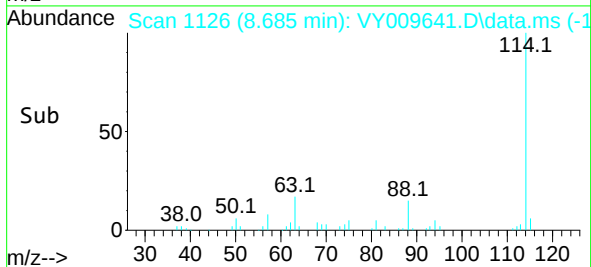
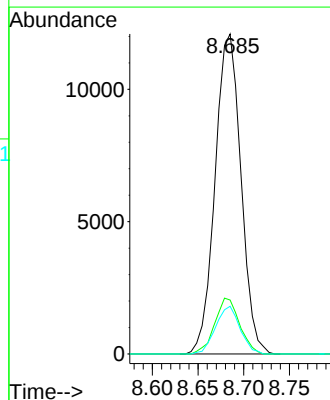
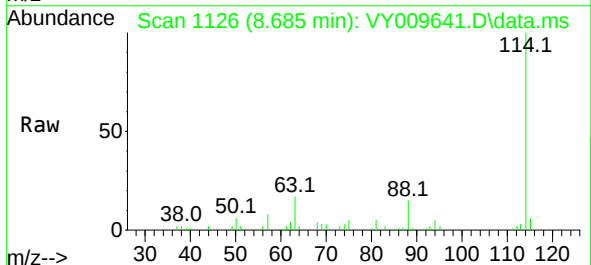
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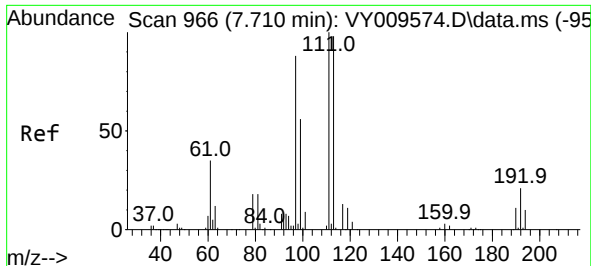
Tgt Ion: 65 Resp: 11129
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009641.D
 Acq: 21 Jul 2022 18:24

Tgt Ion: 114 Resp: 23810
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 43.2
 88 14.9 0.0 31.8

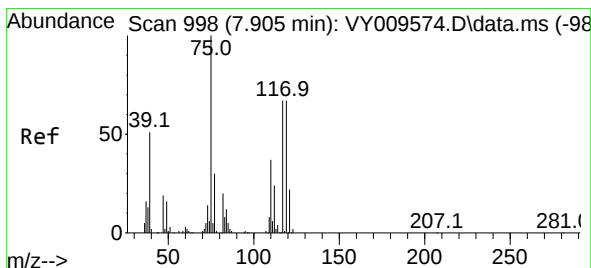
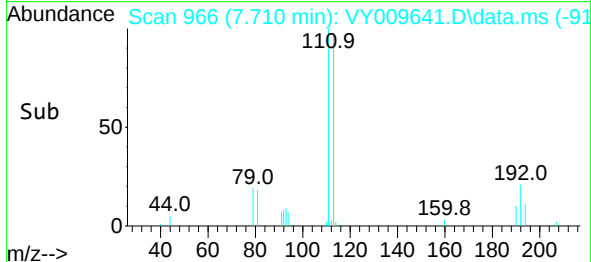
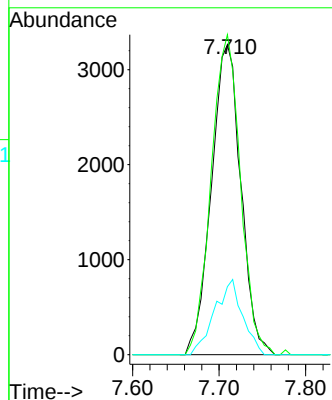
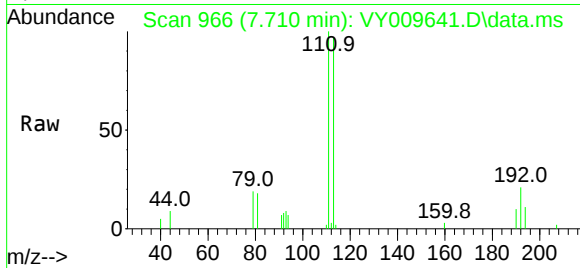




#35
Dibromofluoromethane
Concen: 51.466 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

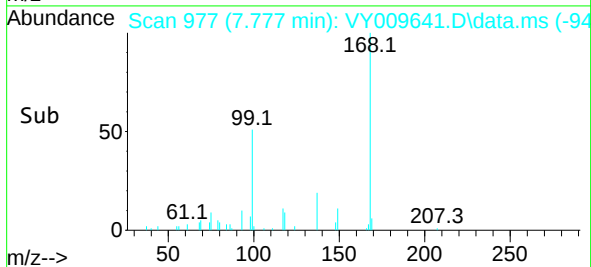
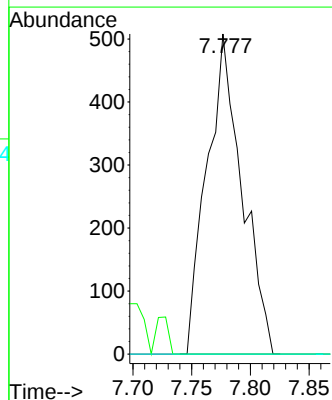
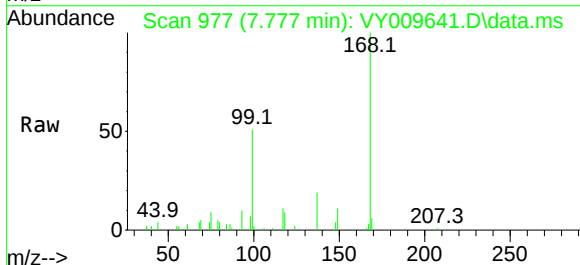
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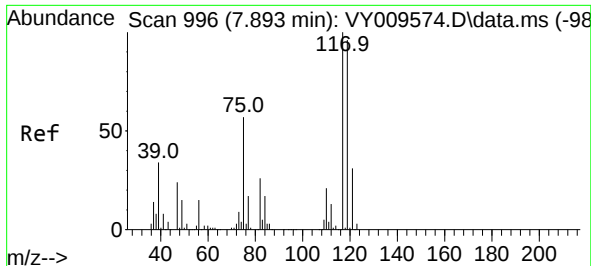
Tgt Ion:113 Resp: 7720
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 23.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

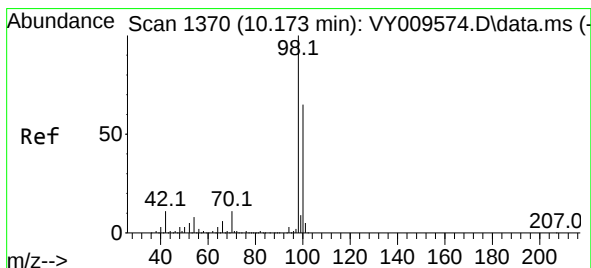
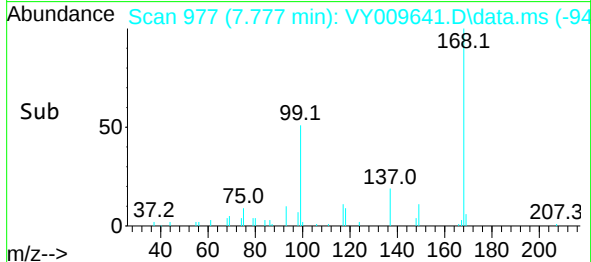
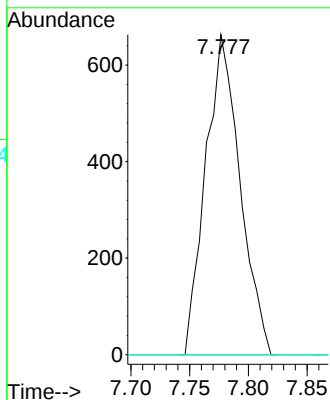
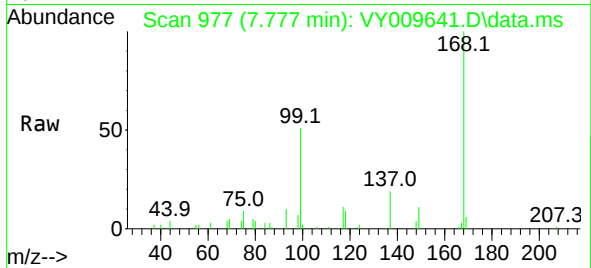




#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

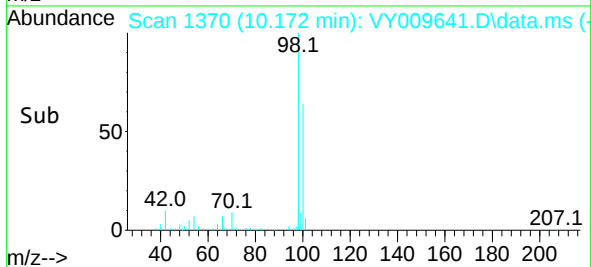
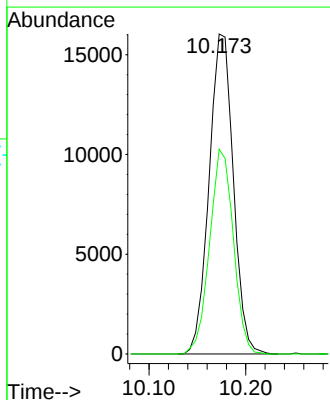
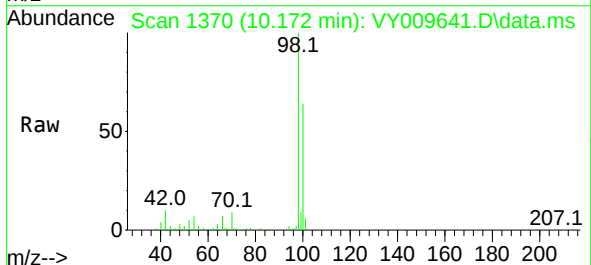
Instrument :
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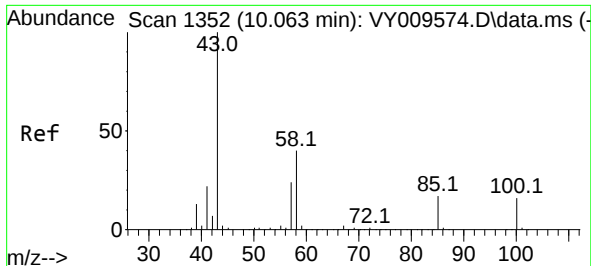
Tgt Ion:117 Resp: 1355
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.449 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 98 Resp: 27938
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

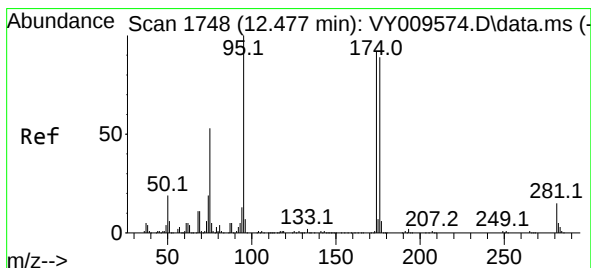
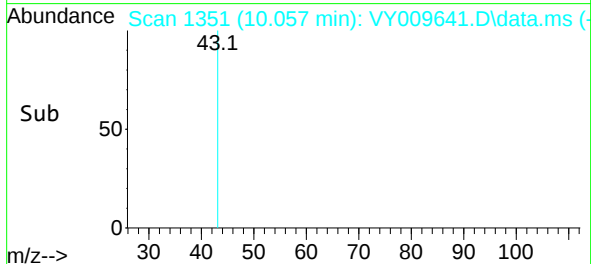
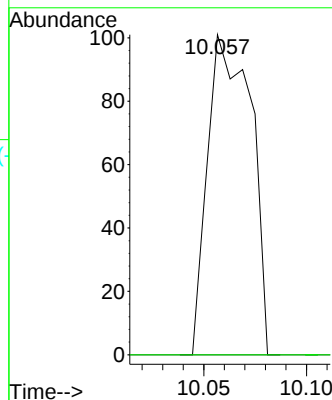
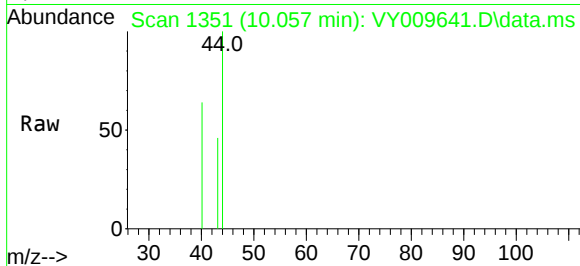




#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

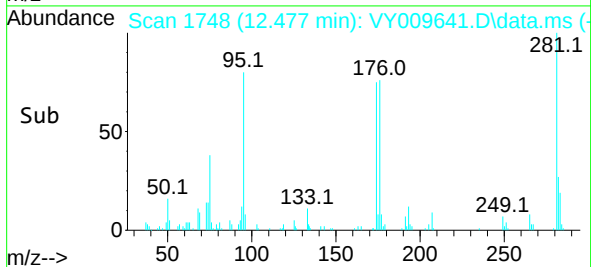
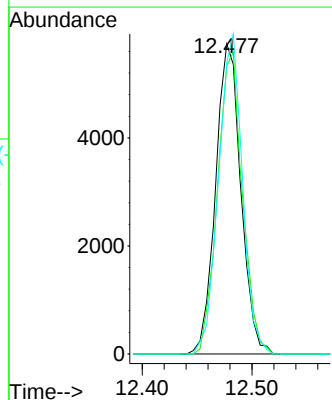
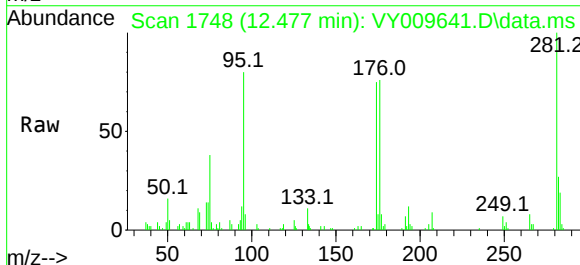
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

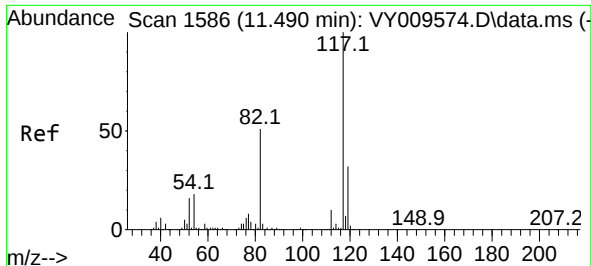
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 95 Resp: 9166
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 97.5 0.0 175.8

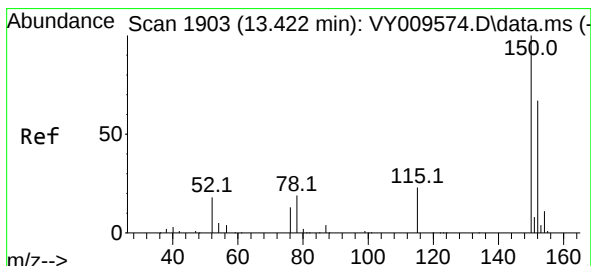
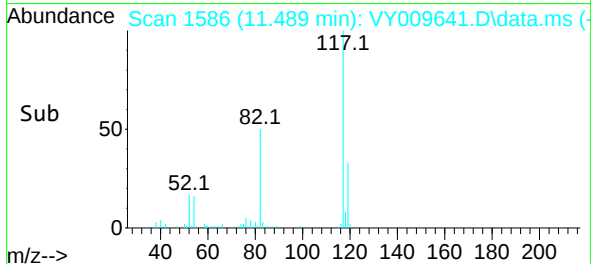
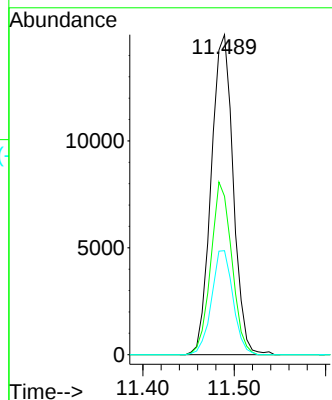
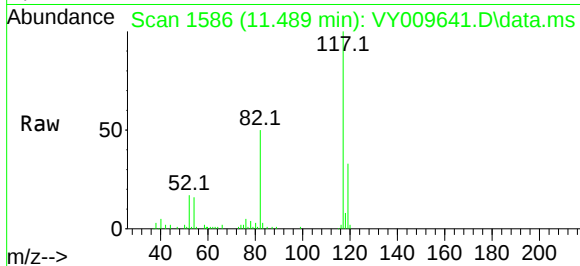




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

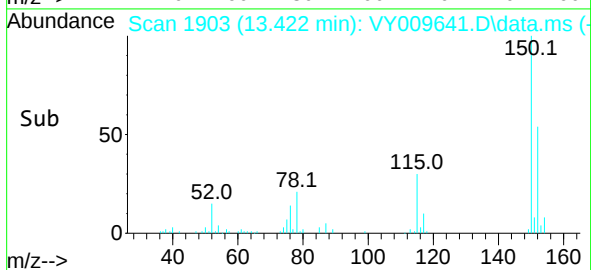
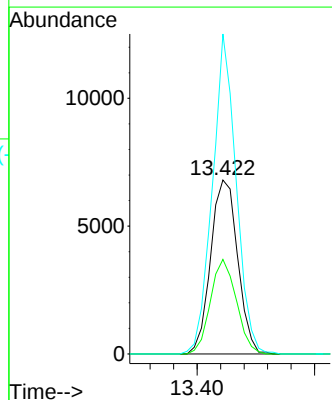
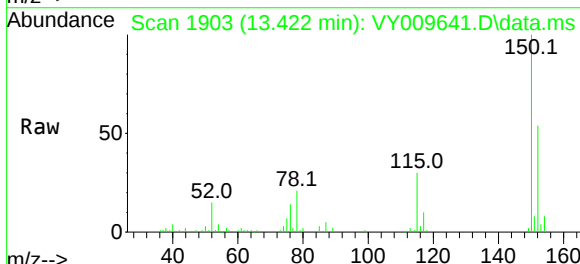
Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

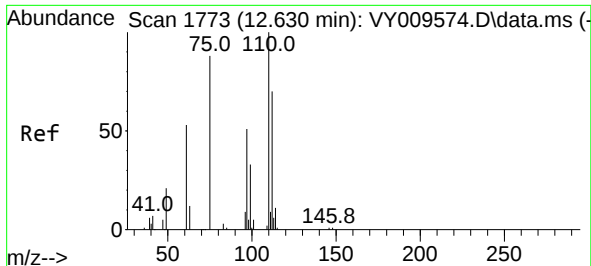
Tgt Ion:117 Resp: 24999
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion:152 Resp: 10860
Ion Ratio Lower Upper
152 100
115 52.2 28.2 84.7
150 161.7 0.0 347.6

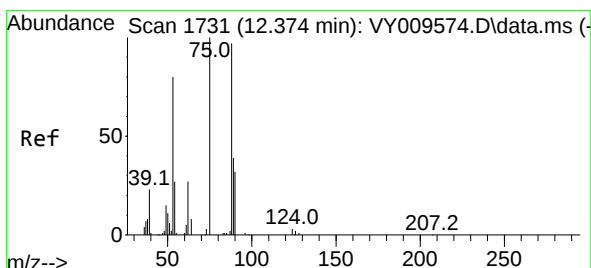
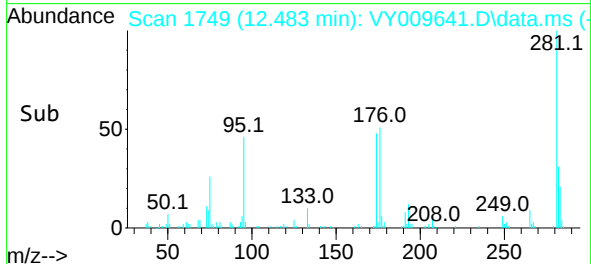
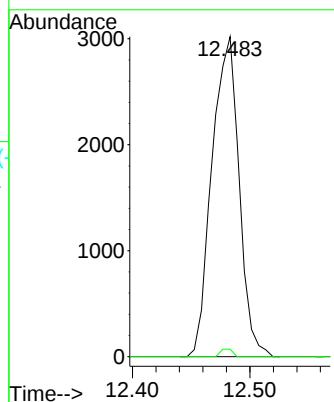
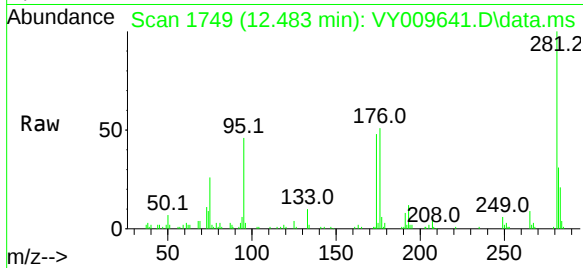




#76
1,2,3-Trichloropropane
Concen: 46.862 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MH-190ERE

Tgt Ion: 75 Resp: 4848
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009641.D
Acq: 21 Jul 2022 18:24

Tgt Ion: 75 Resp: 4848
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.7 37.0 55.4#

