

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007447.D
 Acq On : 09 Feb 2022 13:02
 Operator : SY/MD
 Sample : N1426-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 POST-EX-02-0207

Quant Time: Feb 10 05:34:11 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)

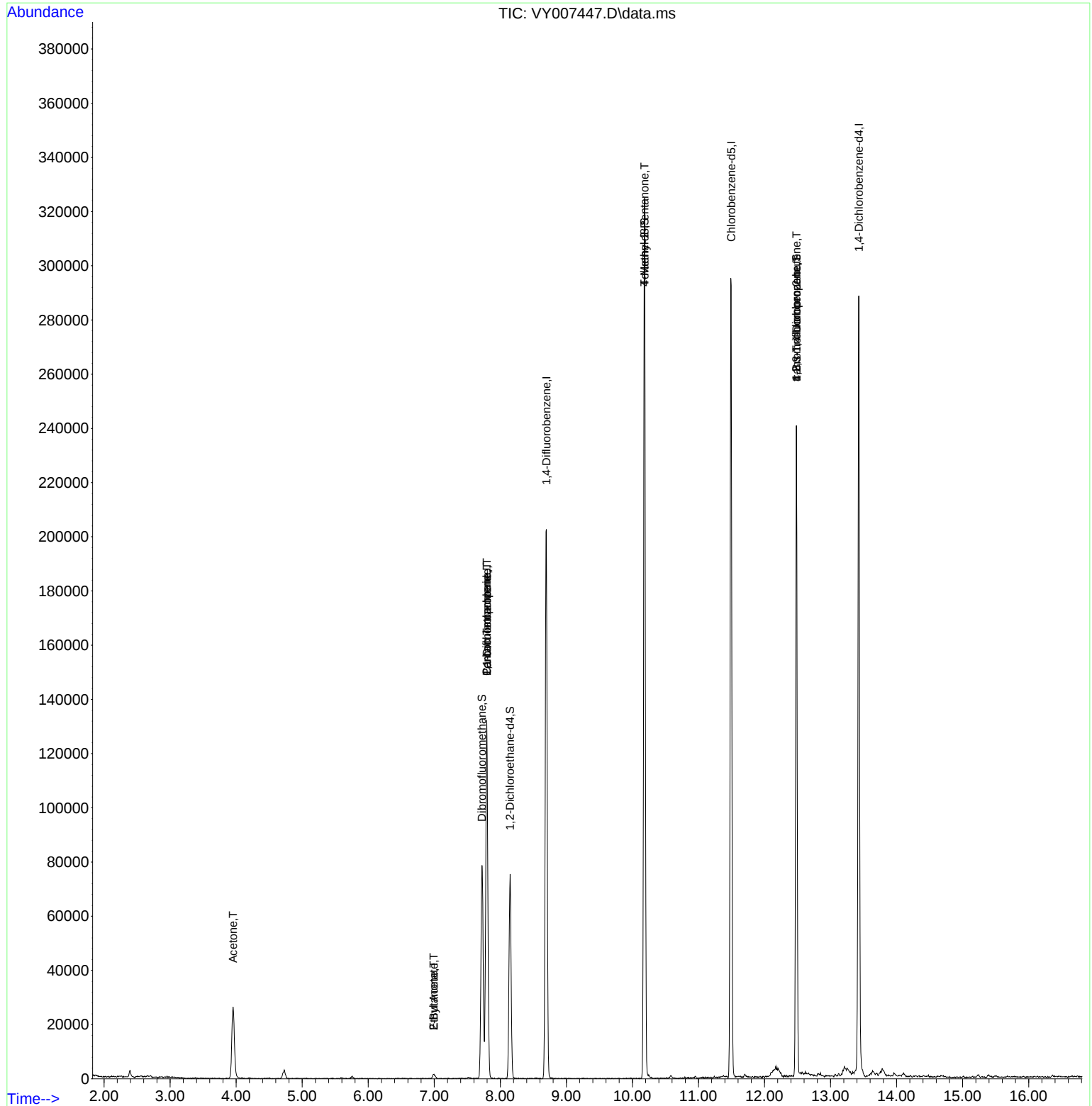
Internal Standards						
1) Pentafluorobenzene	7.795	168	95953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58389	52.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.800%	
35) Dibromofluoromethane	7.722	113	56431	49.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.185	98	214994	51.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.483	95	74067	52.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	302	Below Cal	#	67
11) Tert butyl alcohol	4.930	59	19	Below Cal	#	77
16) Acetone	3.954	43	46937	130.944	ug/l #	86
20) Methylene Chloride	4.729	84	2357	Below Cal	#	61
25) 2-Butanone	6.990	43	3095	7.146	ug/l	92
36) 1,1-Dichloropropene	7.795	75	7983	4.045	ug/l #	50
37) Ethyl Acetate	6.990	43	3095	3.155	ug/l #	72
38) Carbon Tetrachloride	7.795	117	10134	4.888	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	996	1.070	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	39142	48.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39142	97.925	ug/l #	7

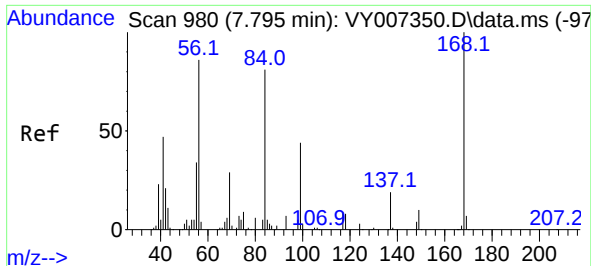
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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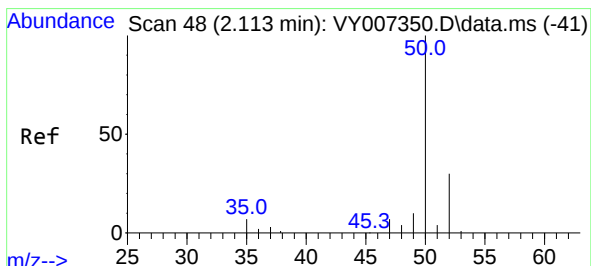
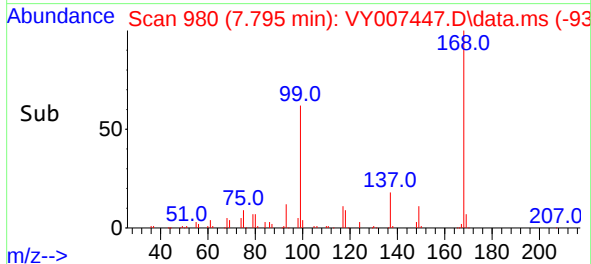
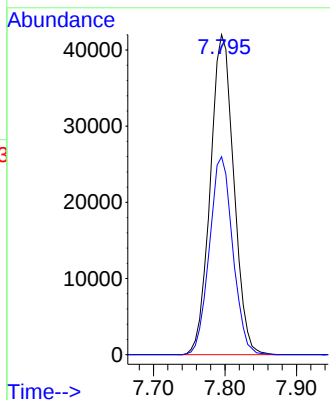
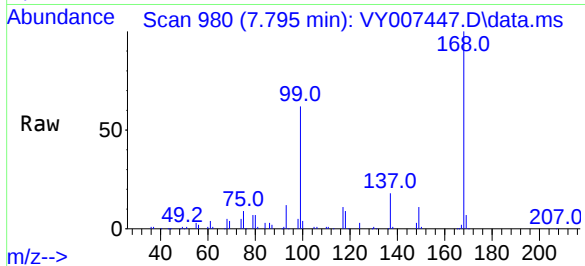




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

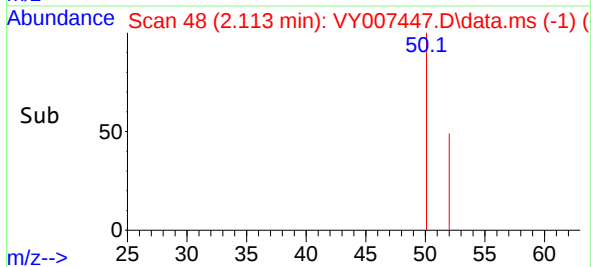
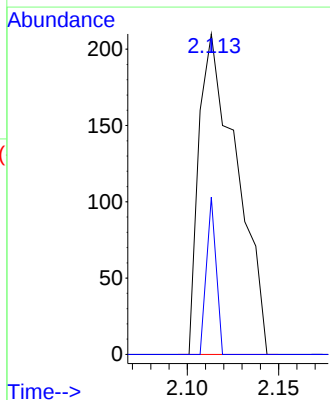
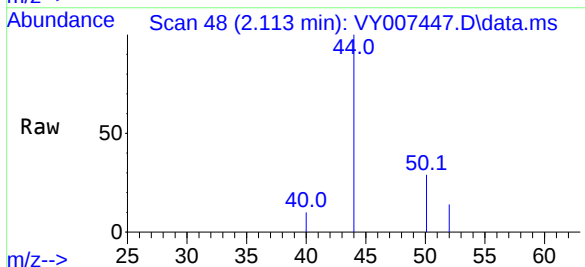
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

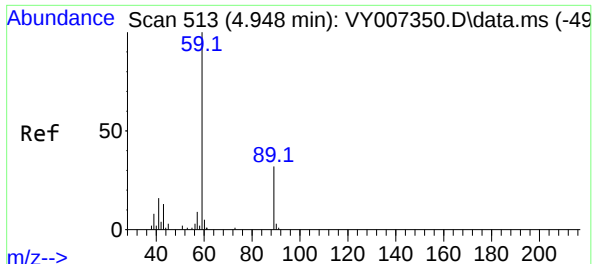
Tgt Ion:168 Resp: 95953
Ion Ratio Lower Upper
168 100
99 61.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

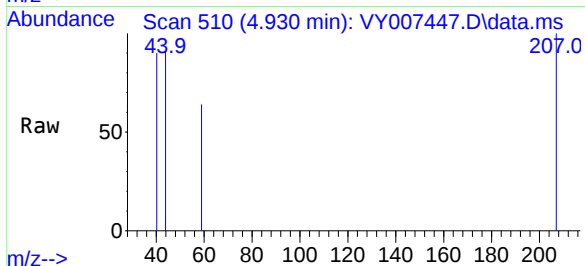
Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 49.0 24.6 37.0#



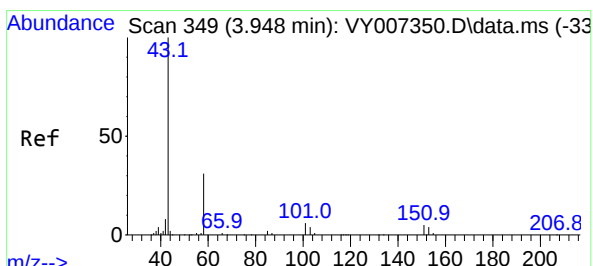
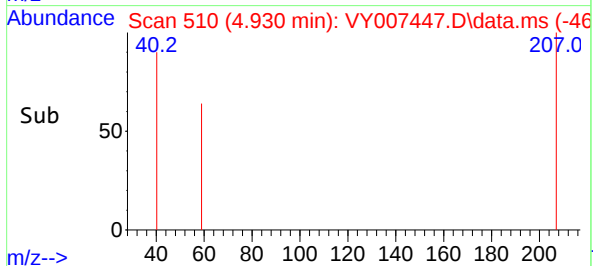
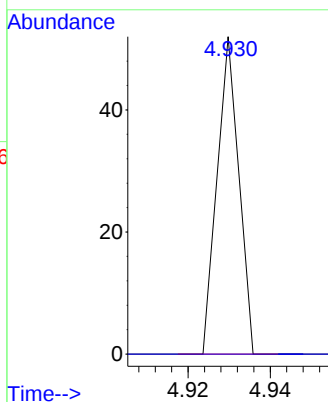


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

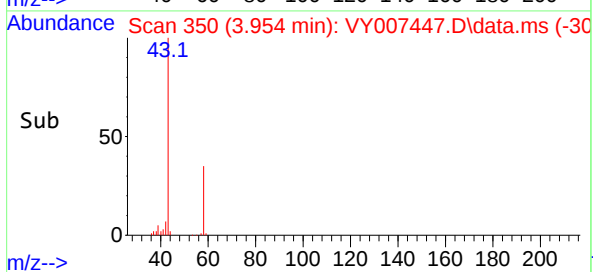
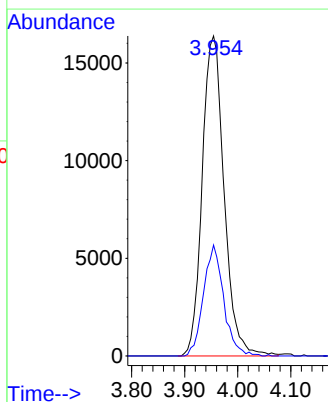
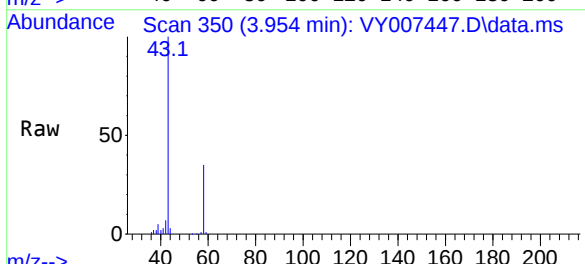


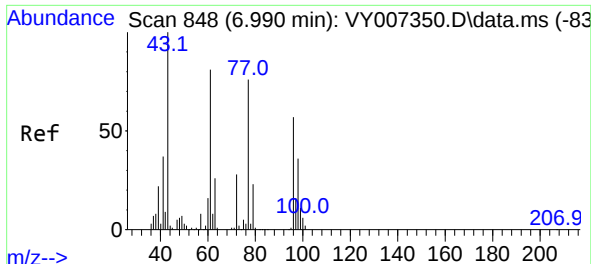
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 130.944 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 43 Resp: 46937
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#

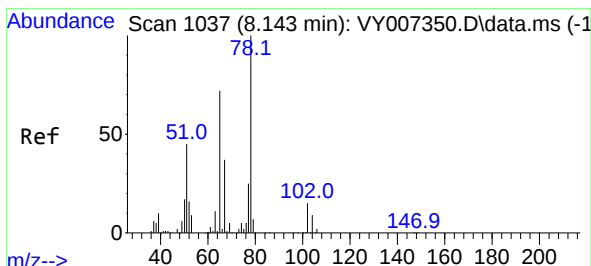
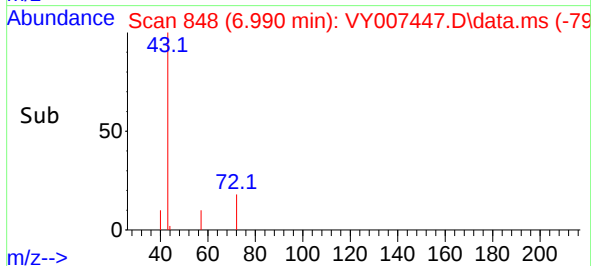
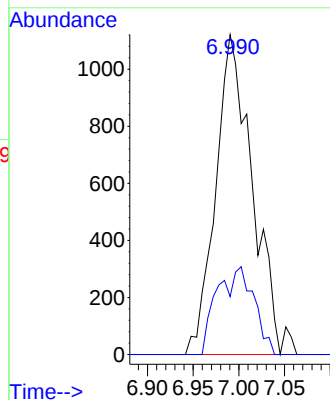
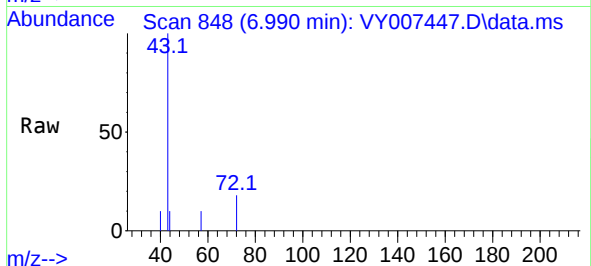




#25
2-Butanone
Concen: 7.146 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

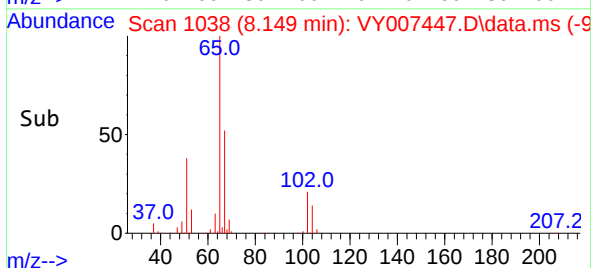
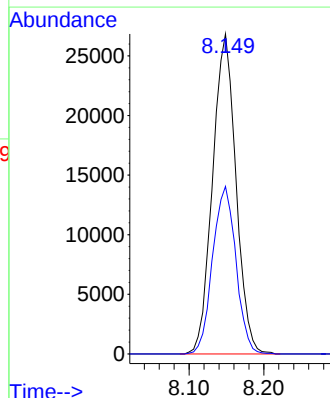
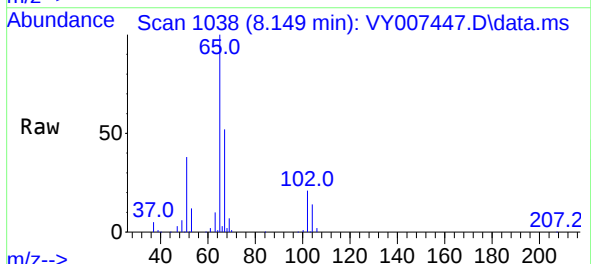
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

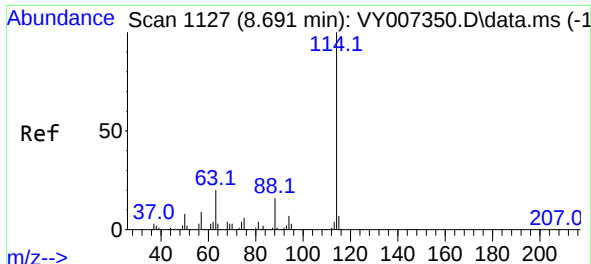
Tgt Ion: 43 Resp: 3095
Ion Ratio Lower Upper
43 100
72 18.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.903 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 65 Resp: 58389
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4



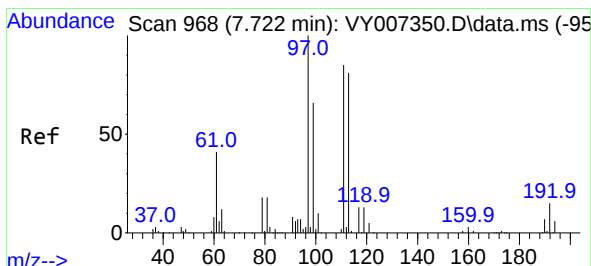
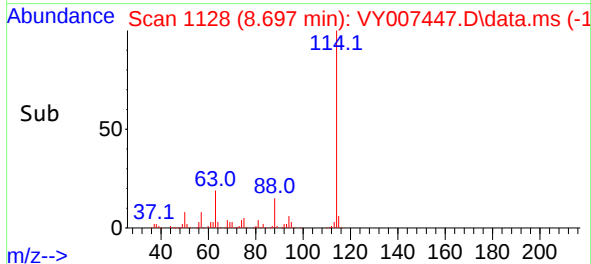
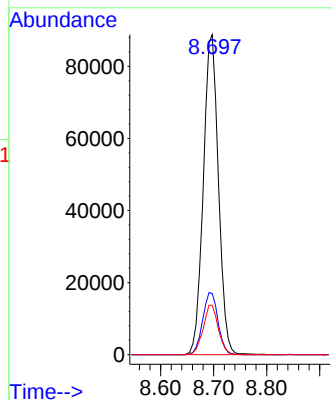
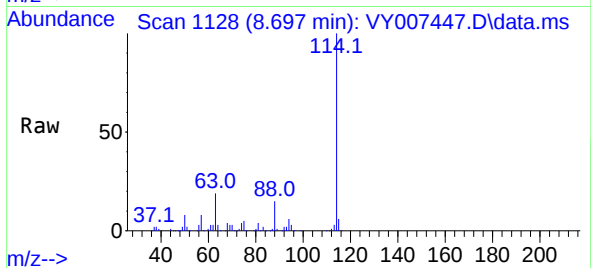


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

Tgt Ion:114 Resp: 175795

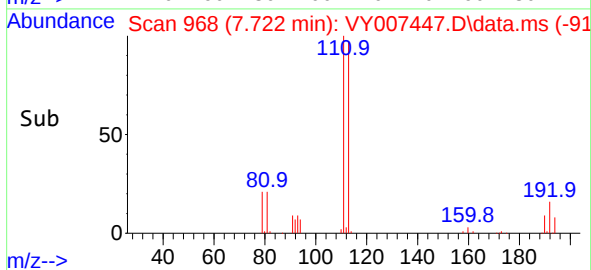
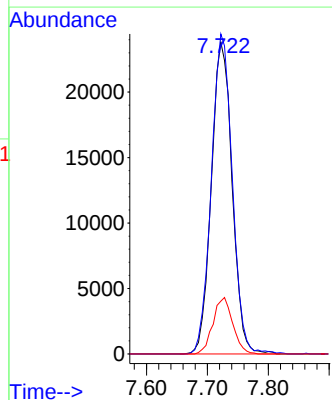
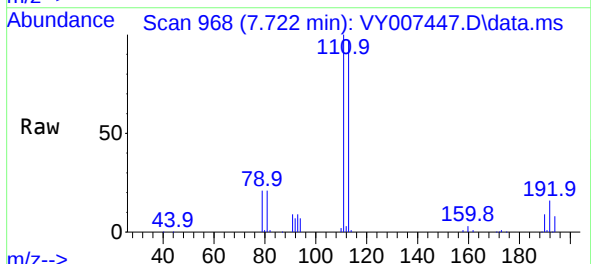
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	15.4	0.0	31.8

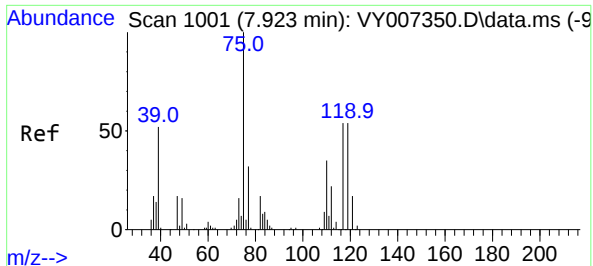


#35
Dibromofluoromethane
Concen: 49.990 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion:113 Resp: 56431

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	17.2	17.6	26.4#

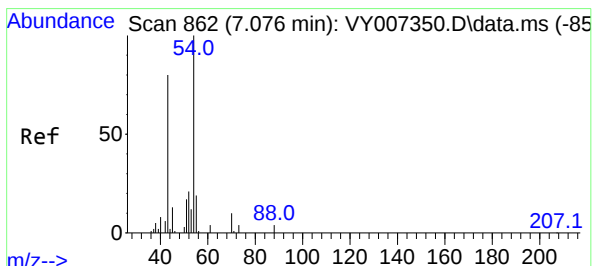
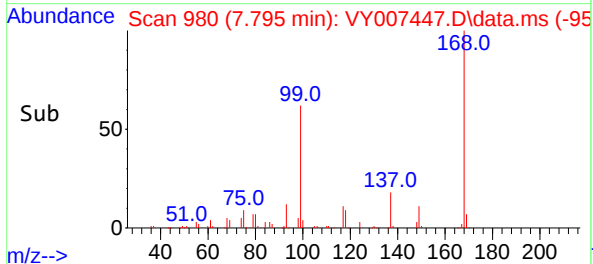
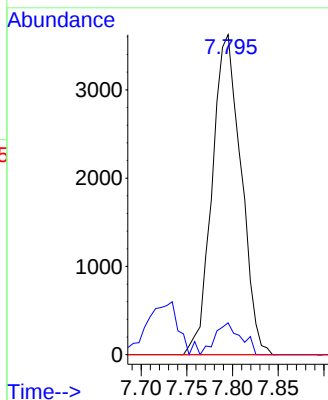
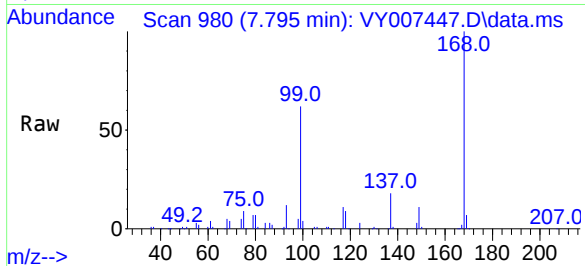




#36
1,1-Dichloropropene
Concen: 4.045 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

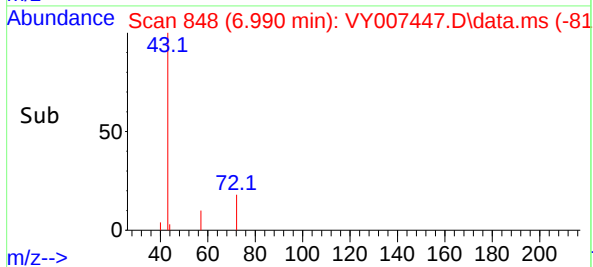
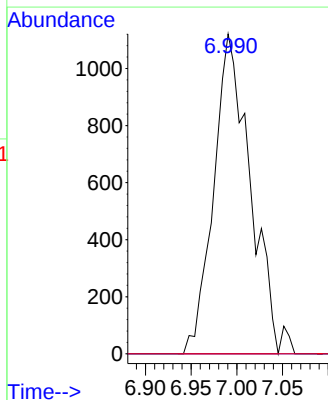
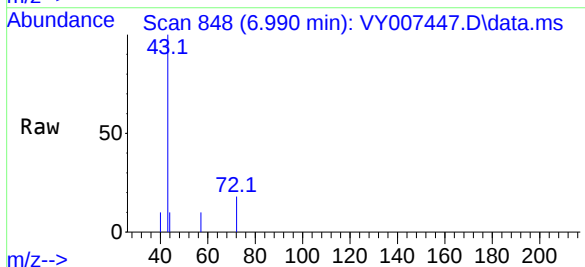
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

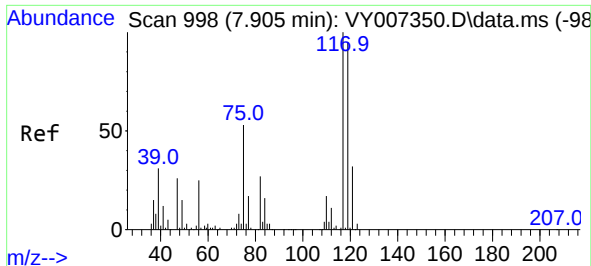
Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.155 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.085 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

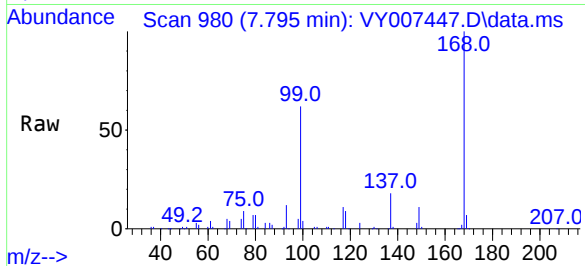
Tgt Ion: 43 Resp: 3095
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



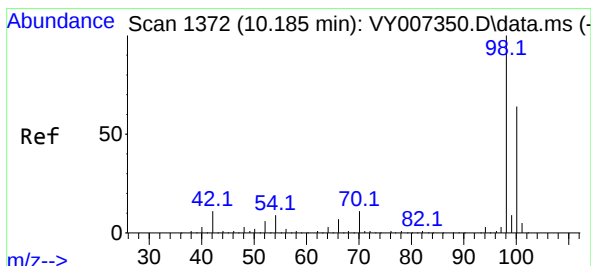
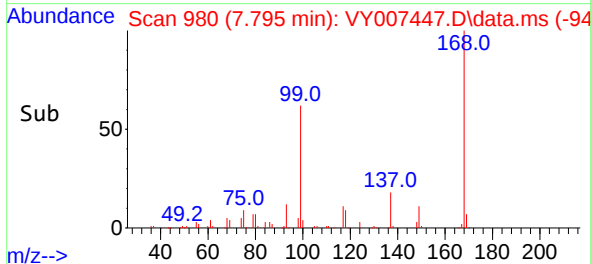
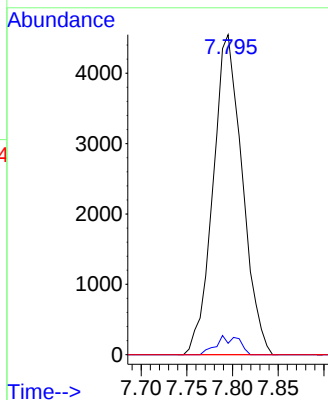


#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
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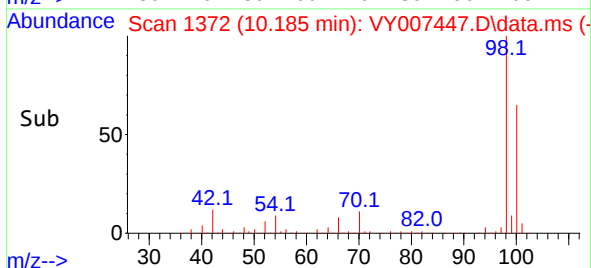
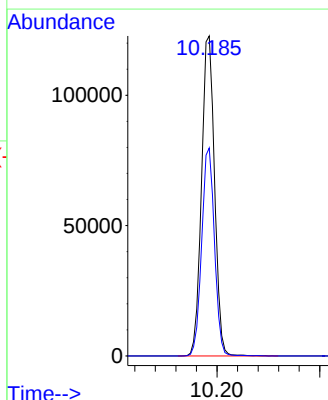
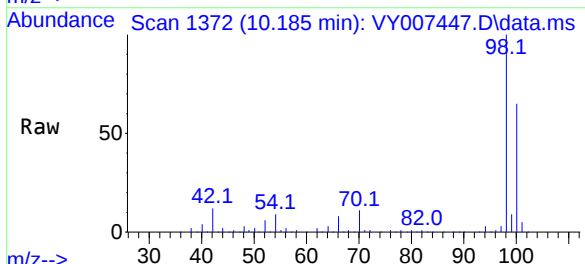


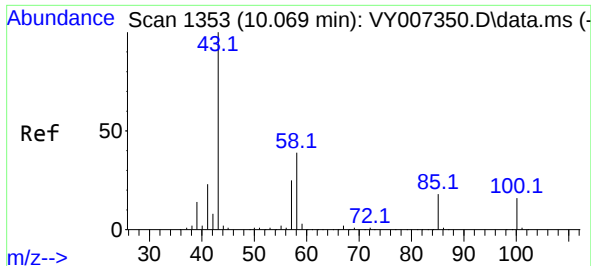
Tgt Ion:117 Resp: 10134
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.551 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 98 Resp: 214994
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

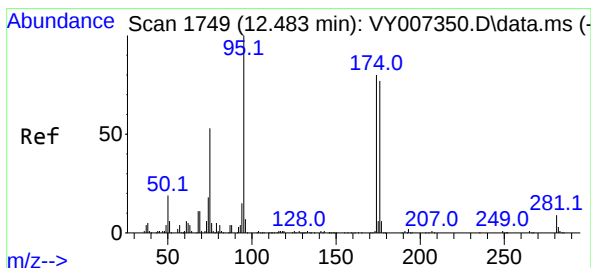
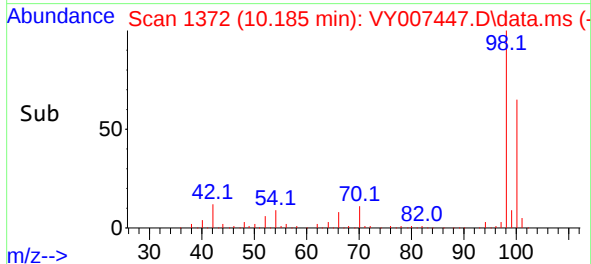
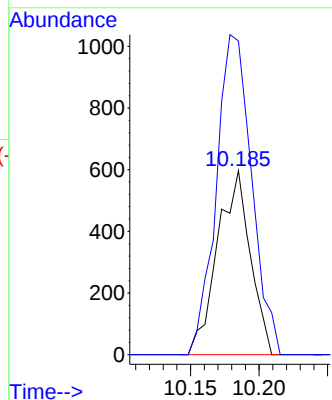
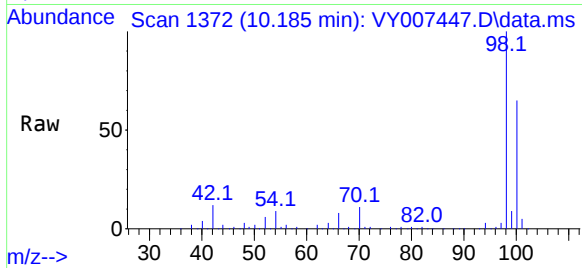




#51
4-Methyl-2-Pentanone
Concen: 1.070 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

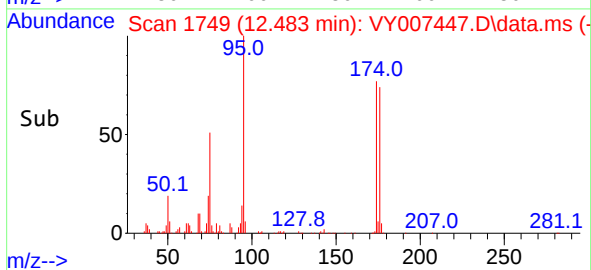
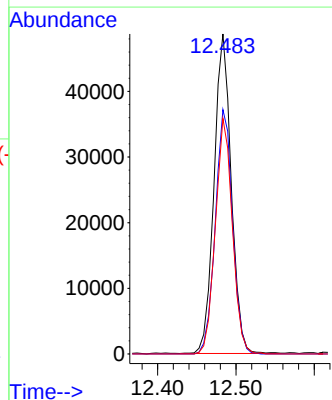
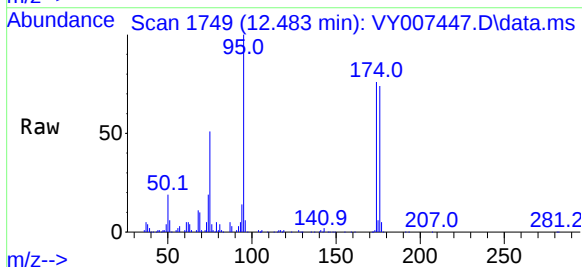
Instrument :
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POST-EX-02-0207

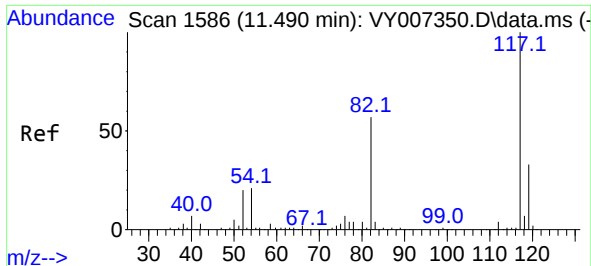
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 187.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 95 Resp: 74067
Ion Ratio Lower Upper
95 100
174 76.8 0.0 177.0
176 72.9 0.0 175.8

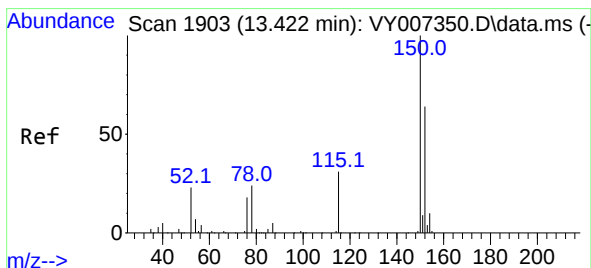
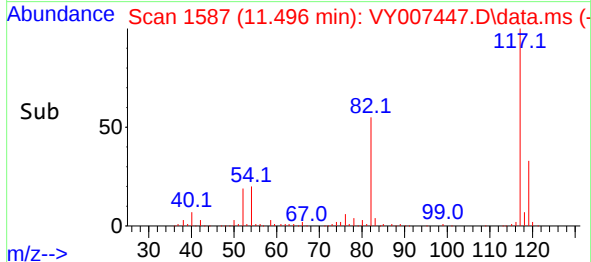
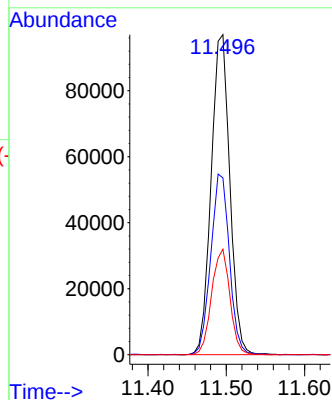
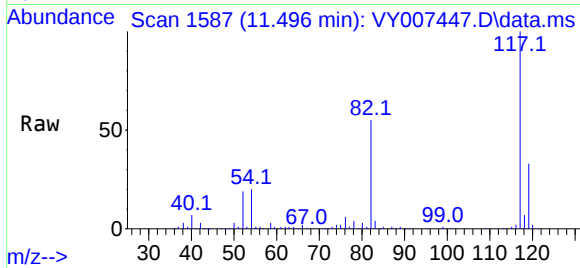




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

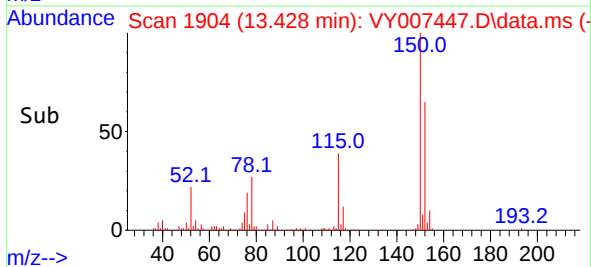
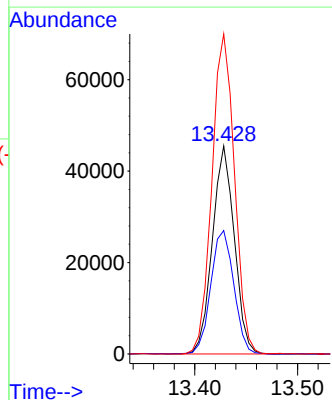
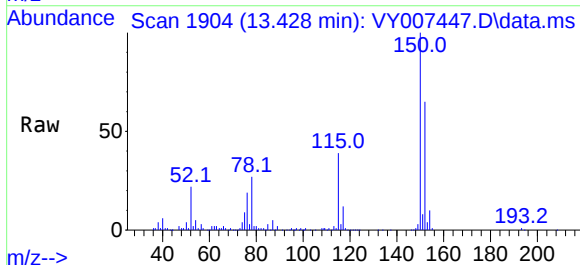
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

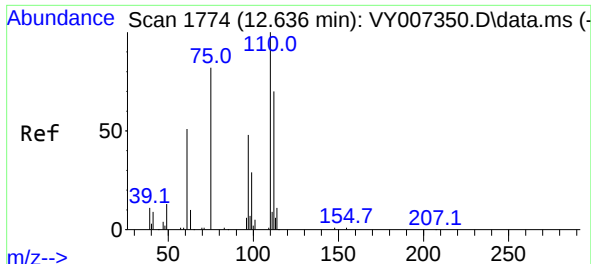
Tgt Ion:117 Resp: 160422
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion:152 Resp: 67361
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 158.4 0.0 347.6

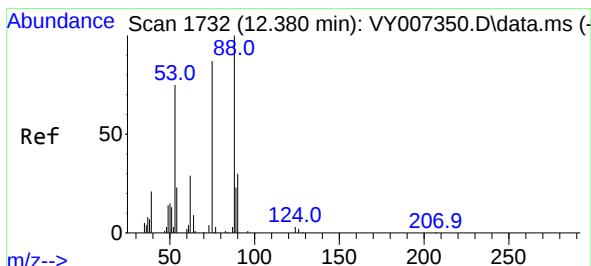
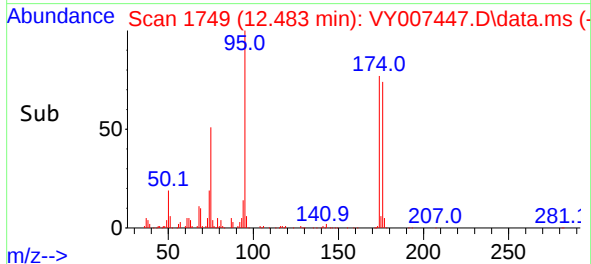
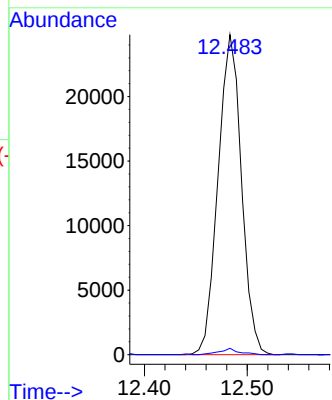
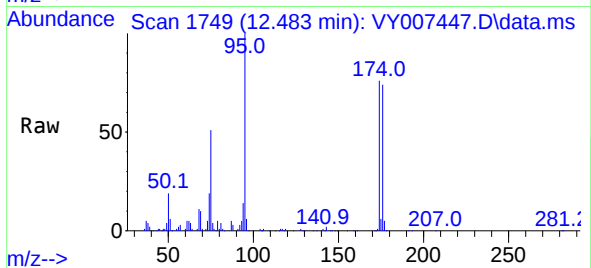




#76
1,2,3-Trichloropropane
Concen: 48.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-02-0207

Tgt Ion: 75 Resp: 39142
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.925 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007447.D
Acq: 09 Feb 2022 13:02

Tgt Ion: 75 Resp: 39142
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

