

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005910.D
 Acq On : 31 Aug 2021 14:24
 Operator : SY/MD
 Sample : M3577-01RE
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 05:37:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

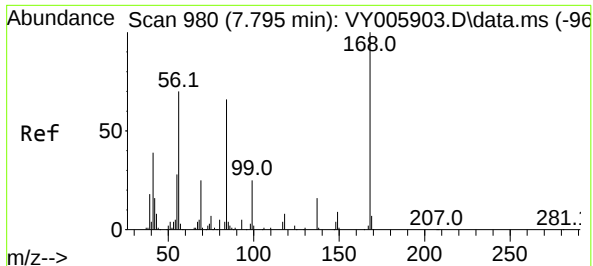
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	209757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	351170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127161	60.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.320%
35) Dibromofluoromethane	7.722	113	79031	39.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.220%
50) Toluene-d8	10.185	98	449226	53.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.483	95	148688	52.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	963	2.317	ug/l #	80
13) Acrolein	3.741	56	69	Below Cal	#	14
16) Acetone	3.960	43	19401	35.996	ug/l	92
20) Methylene Chloride	4.728	84	7800	Below Cal		92
25) 2-Butanone	6.996	43	4924	6.467	ug/l	96
31) Cyclohexane	7.795	56	3719	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14056	4.202	ug/l #	51
37) Ethyl Acetate	6.996	43	4924	2.458	ug/l #	72
38) Carbon Tetrachloride	7.795	117	18356	5.062	ug/l #	15
44) Trichloroethene	8.947	130	4628	1.746	ug/l	88
60) Dibromochloromethane	10.721	129	56975	24.278	ug/l #	11
64) Tetrachloroethene	10.721	164	73117	25.429	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	79599	53.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79599	102.144	ug/l #	14

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

Quant Time: Sep 01 05:37:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

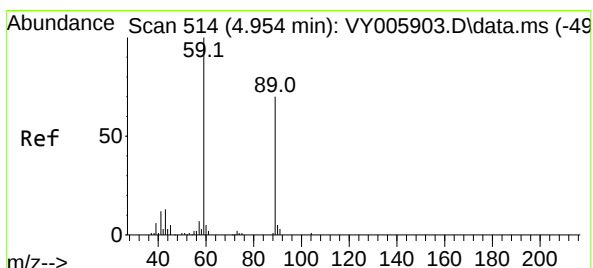
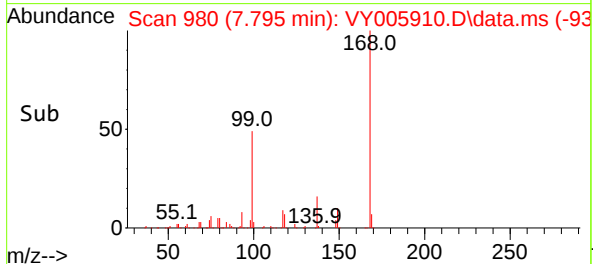
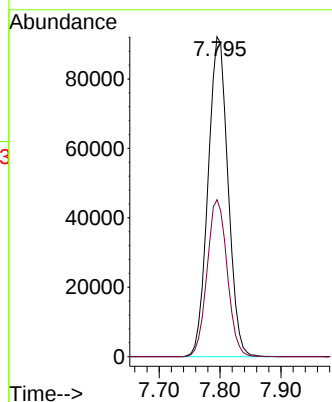
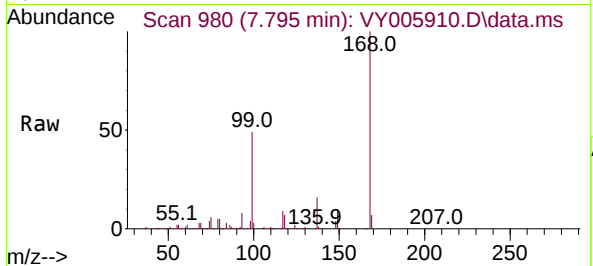




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

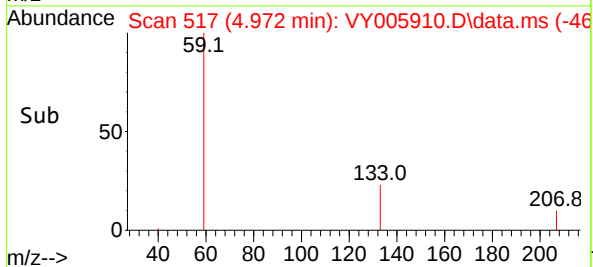
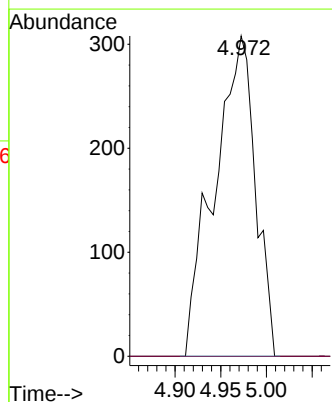
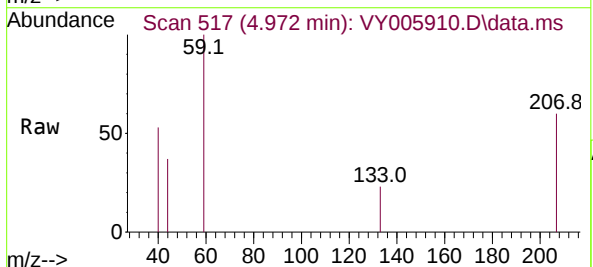
Instrument :
MSVOA_Y
ClientSampleId :

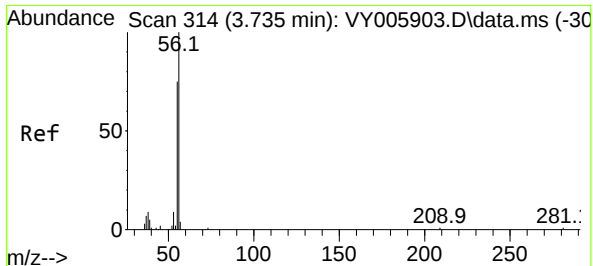
Tgt Ion:168 Resp: 209757
Ion Ratio Lower Upper
168 100
99 49.1 40.6 60.8



#11
Tert butyl alcohol
Concen: 2.317 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 59 Resp: 963
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

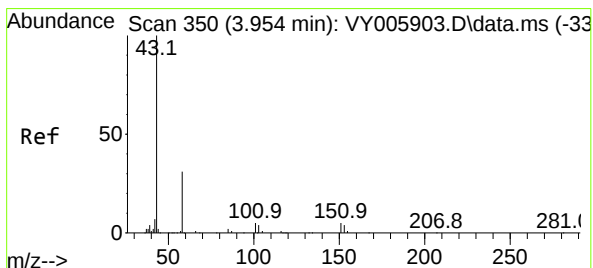
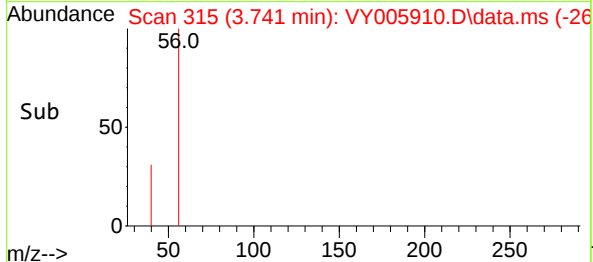
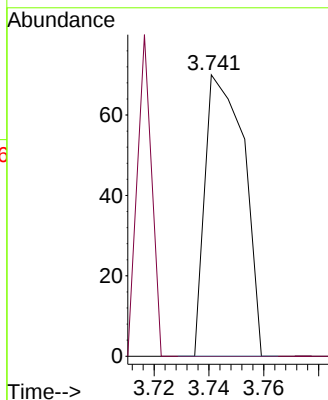
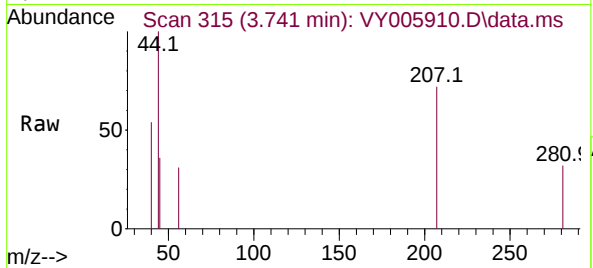




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

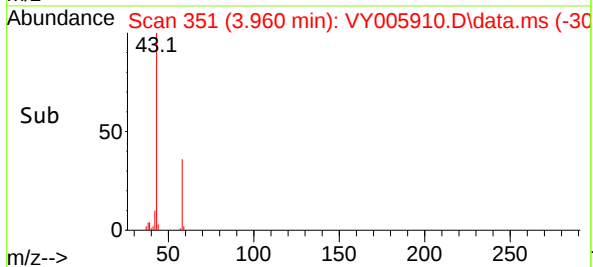
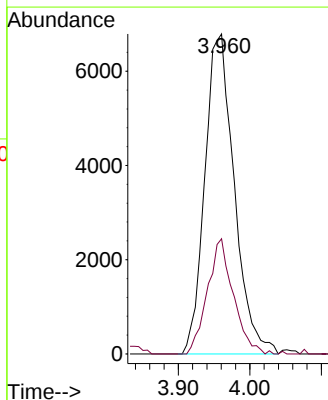
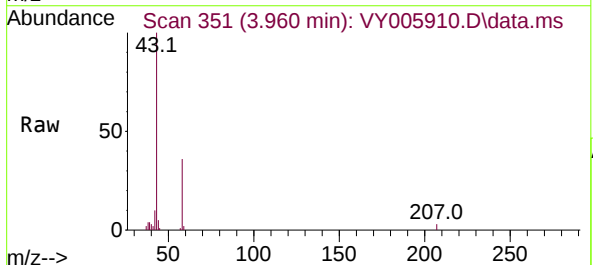
Instrument :
MSVOA_Y
ClientSampled :

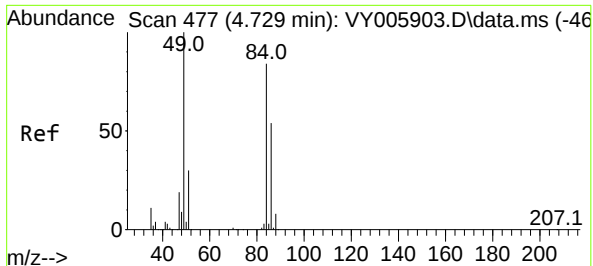
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 35.996 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 43 Resp: 19401
Ion Ratio Lower Upper
43 100
58 36.0 25.1 37.7





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

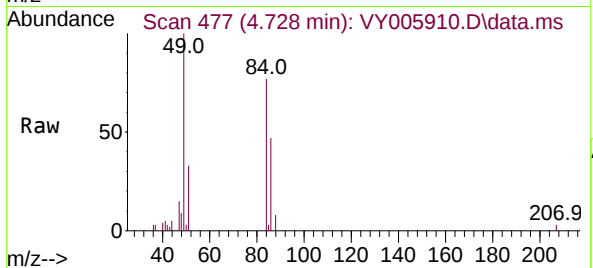
Lab File: VY005910.D

Acq: 31 Aug 2021 14:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7800

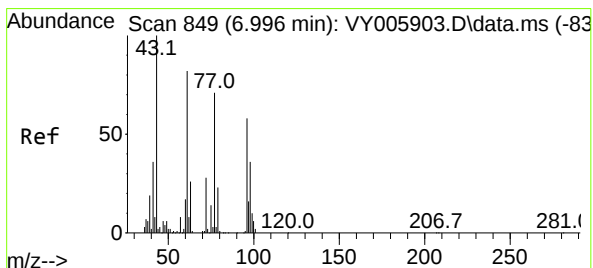
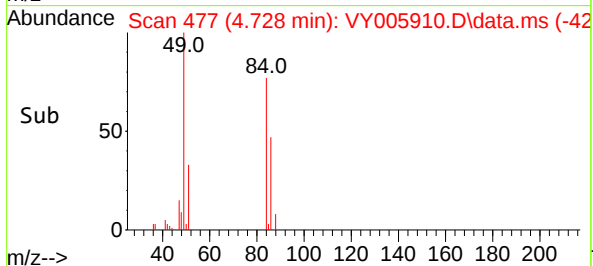
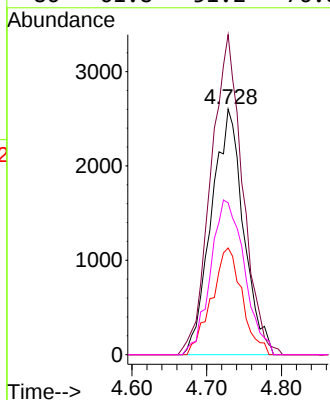
Ion Ratio Lower Upper

84 100

49 130.3 95.7 143.5

51 43.4 29.0 43.6

86 61.8 51.2 76.8



#25

2-Butanone

Concen: 6.467 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005910.D

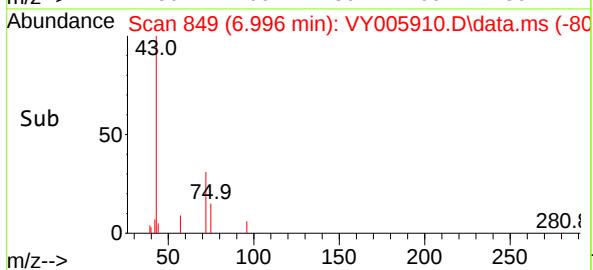
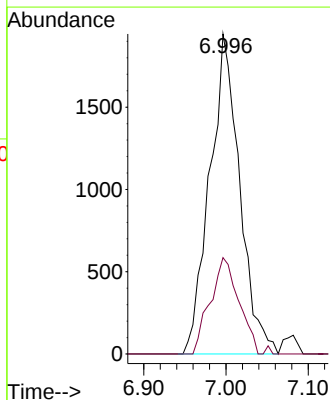
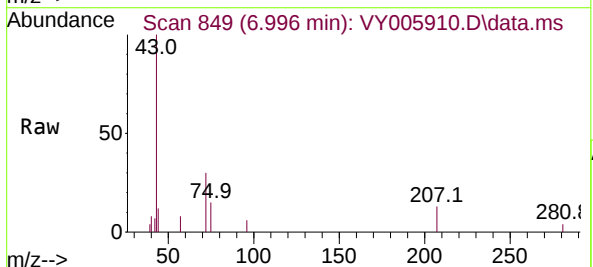
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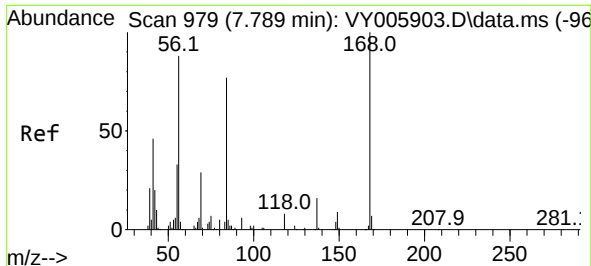
Tgt Ion: 43 Resp: 4924

Ion Ratio Lower Upper

43 100

72 30.1 22.3 33.5

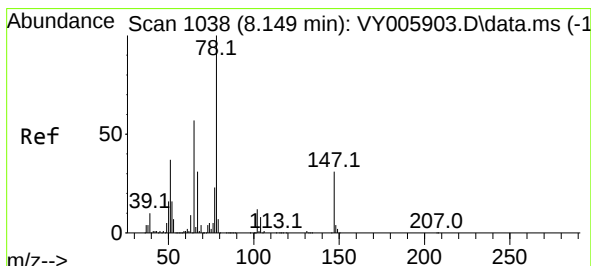
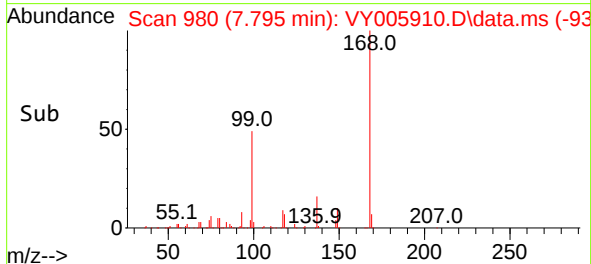
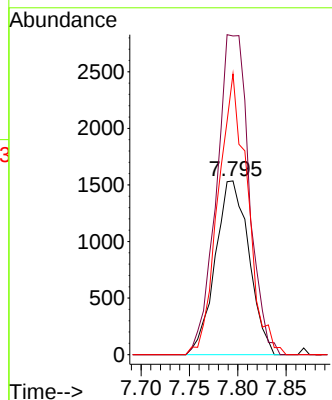
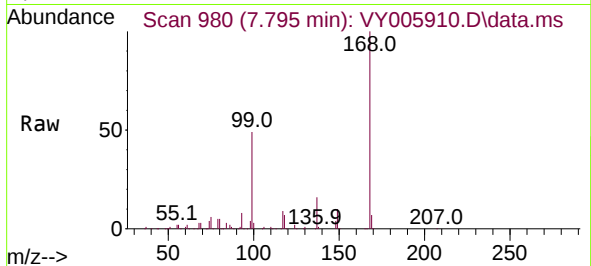




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

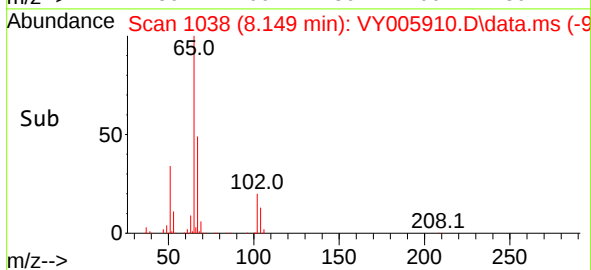
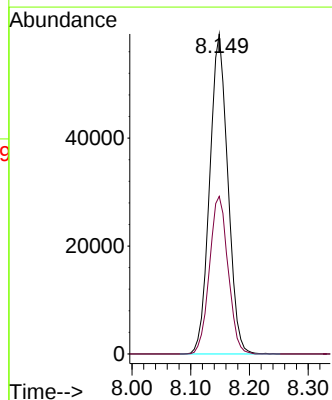
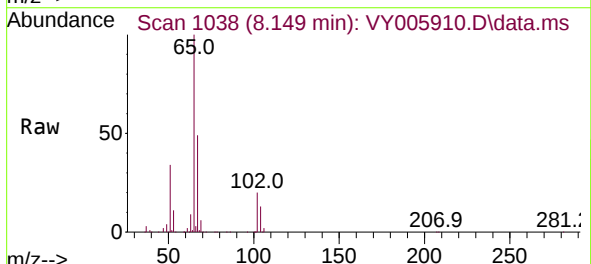
Instrument :
MSVOA_Y
ClientSampleId :

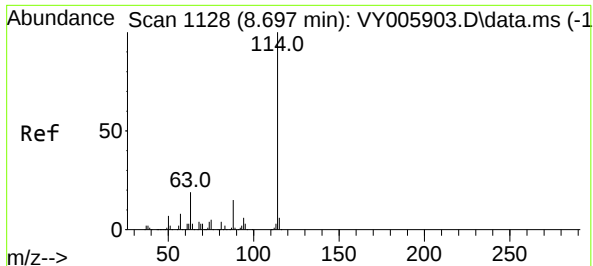
Tgt Ion: 56 Resp: 3719
Ion Ratio Lower Upper
56 100
69 183.5 26.3 39.5#
84 161.7 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 60.158 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 65 Resp: 127161
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

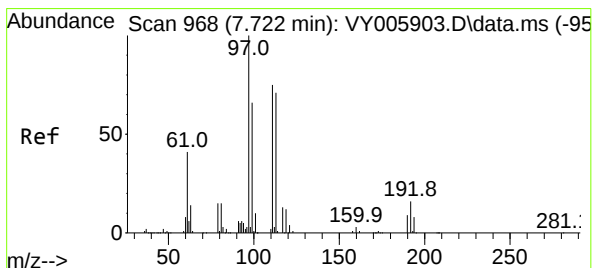
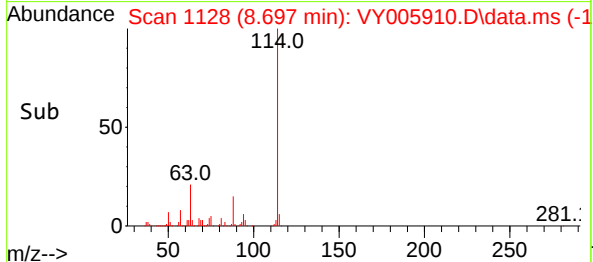
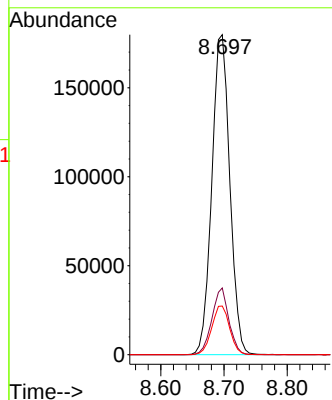
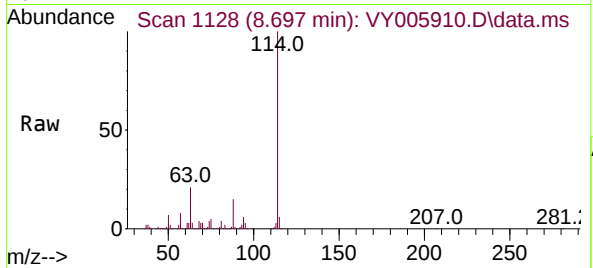




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

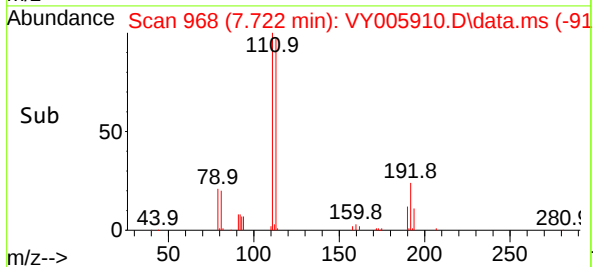
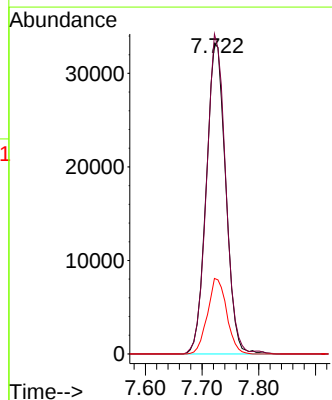
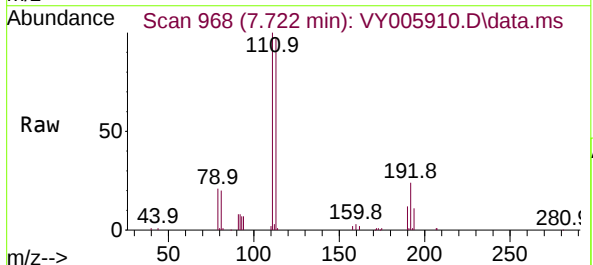
Instrument :
MSVOA_Y
ClientSampleId :

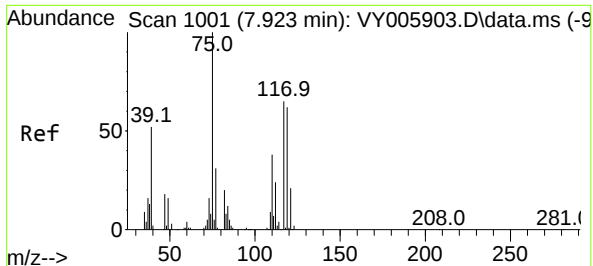
Tgt Ion:114 Resp: 355298
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 39.608 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion:113 Resp: 79031
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 24.0 19.4 29.0

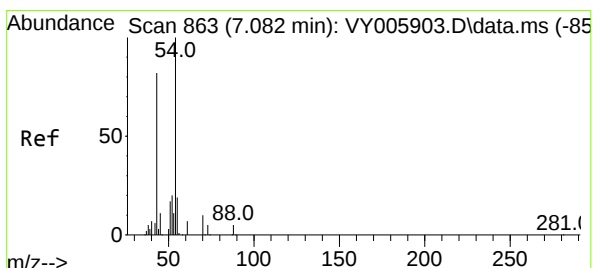
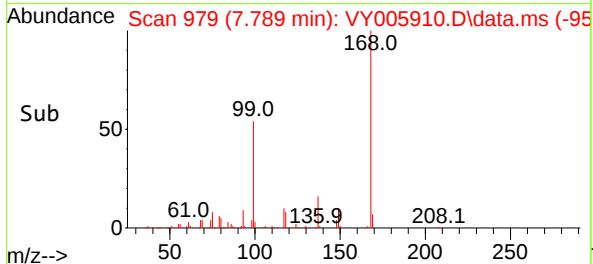
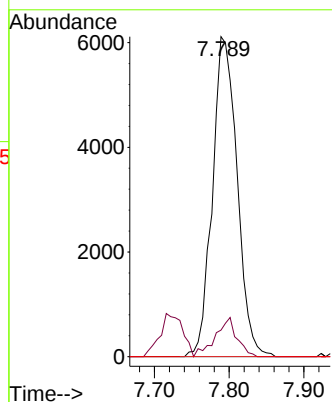
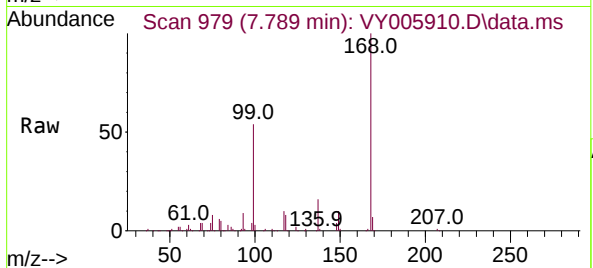




#36
1,1-Dichloropropene
Concen: 4.202 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

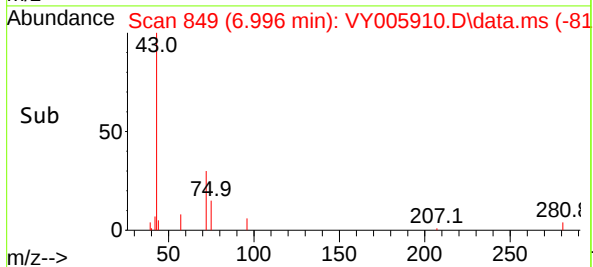
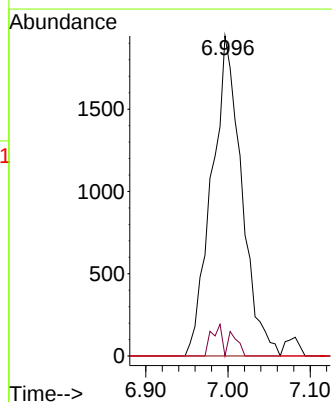
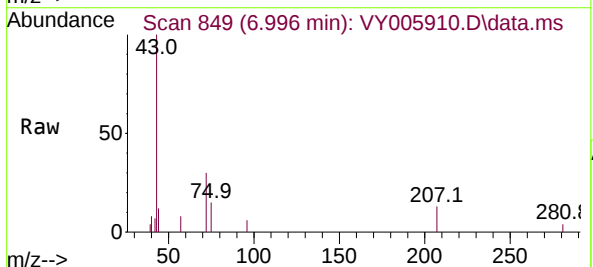
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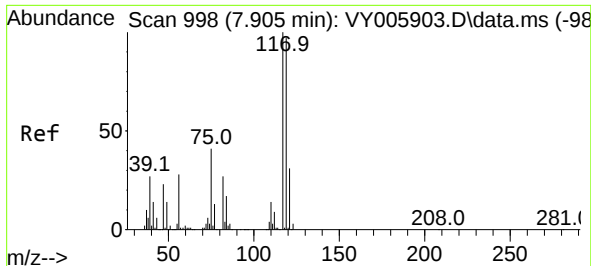
Tgt Ion: 75 Resp: 14056
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 2.458 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 43 Resp: 4924
Ion Ratio Lower Upper
43 100
61 2.5 11.2 16.8#
70 0.0 8.3 12.5#

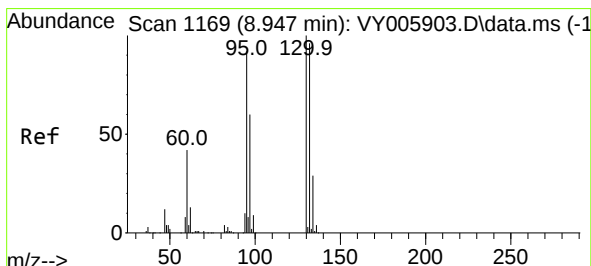
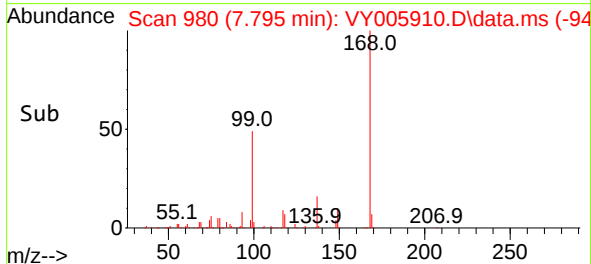
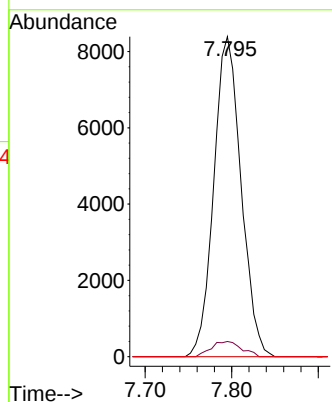
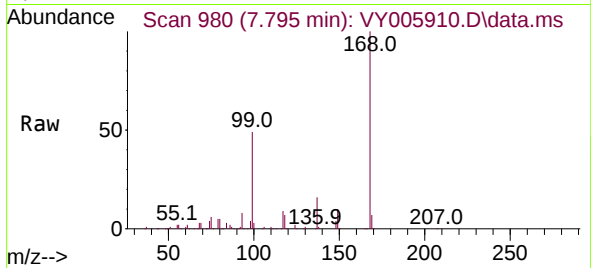




#38
Carbon Tetrachloride
Concen: 5.062 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

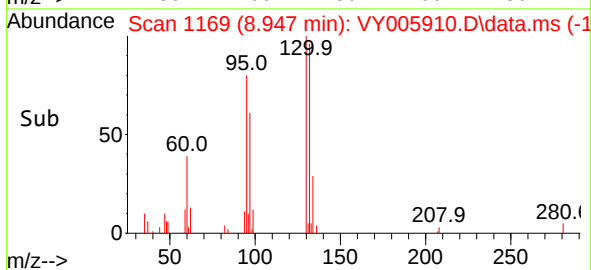
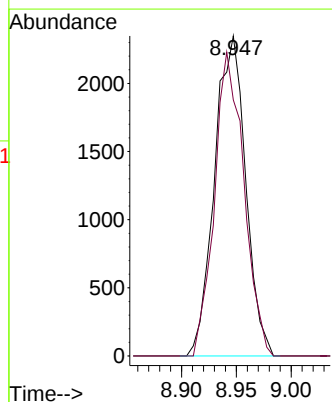
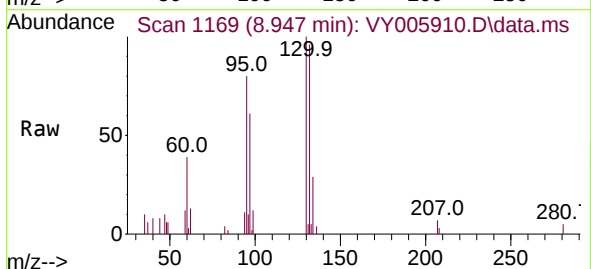
Instrument :
MSVOA_Y
ClientSampleId :

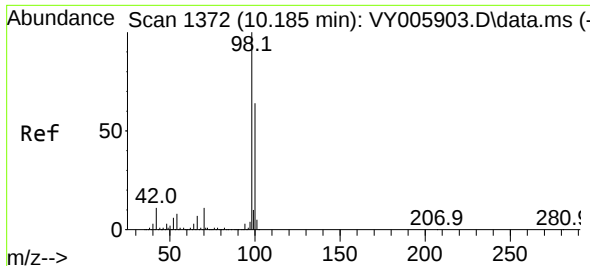
Tgt Ion:117 Resp: 18356
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 25.0 37.6#



#44
Trichloroethene
Concen: 1.746 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion:130 Resp: 4628
Ion Ratio Lower Upper
130 100
95 80.0 0.0 183.0

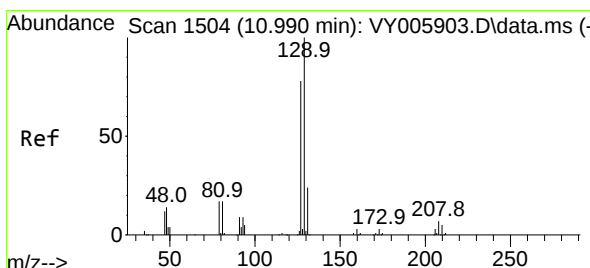
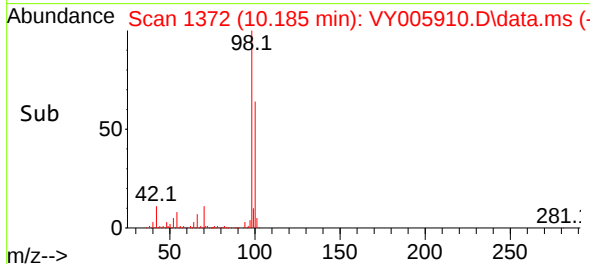
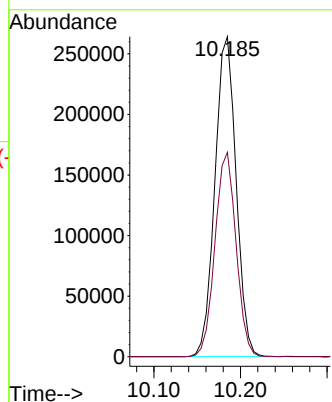
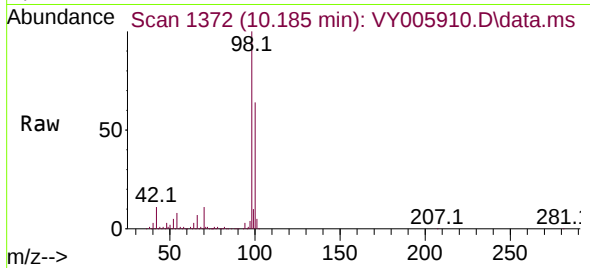




#50
Toluene-d8
Concen: 53.644 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

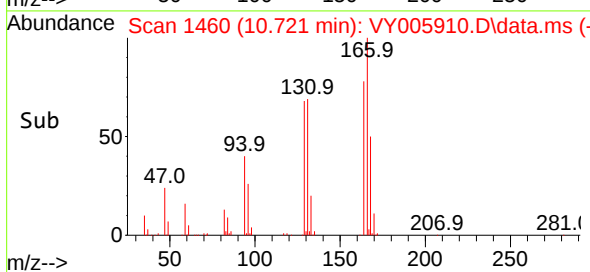
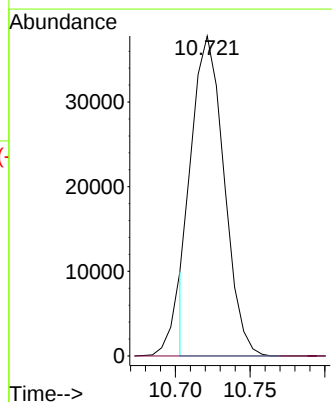
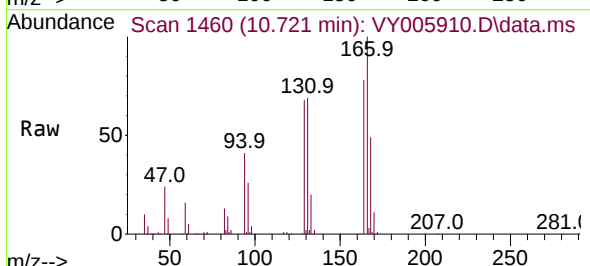
Instrument :
MSVOA_Y
ClientSampled :

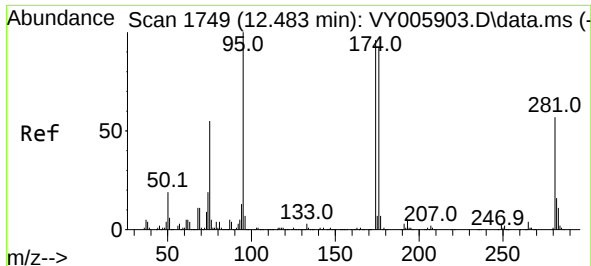
Tgt Ion: 98 Resp: 449226
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#60
Dibromochloromethane
Concen: 24.278 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 129 Resp: 56975
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

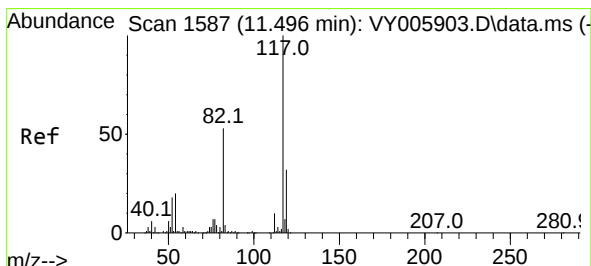
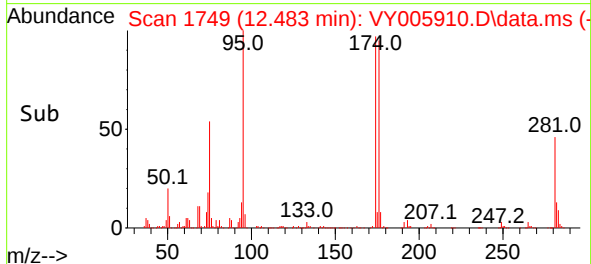
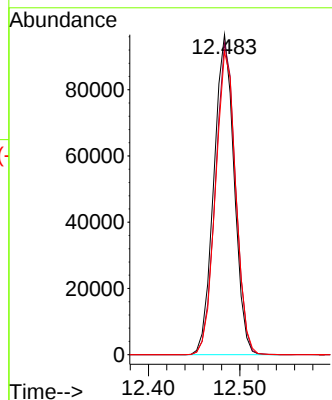
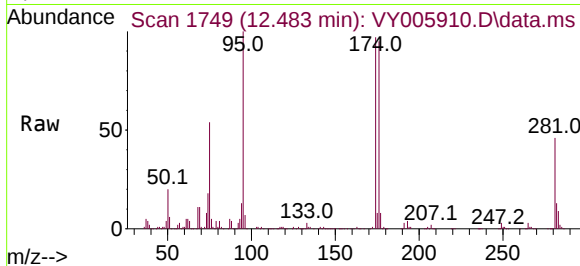




#62
4-Bromofluorobenzene
Concen: 52.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

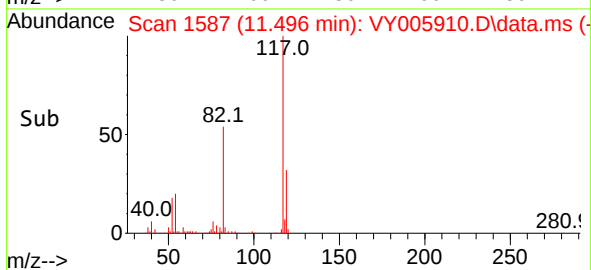
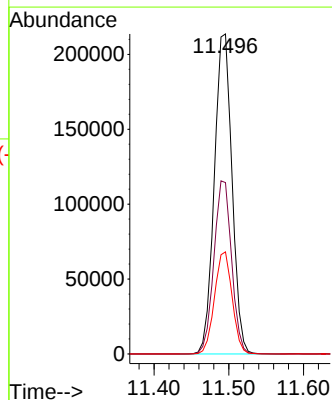
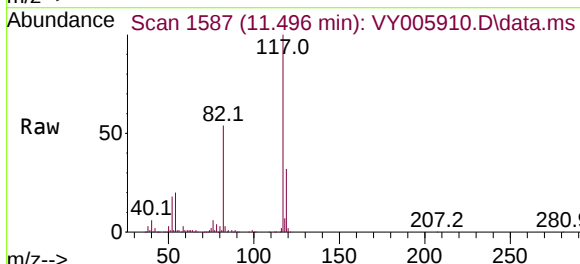
Instrument :
MSVOA_Y
ClientSampleId :

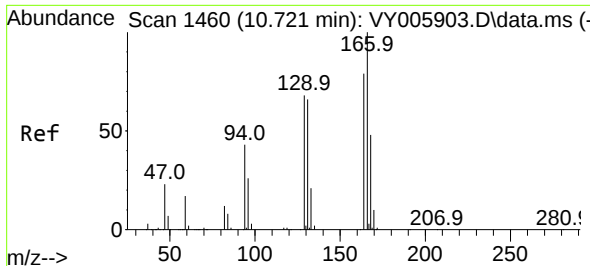
Tgt Ion: 95 Resp: 148688
Ion Ratio Lower Upper
95 100
174 96.6 0.0 192.4
176 94.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 117 Resp: 351170
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 31.9 25.4 38.0

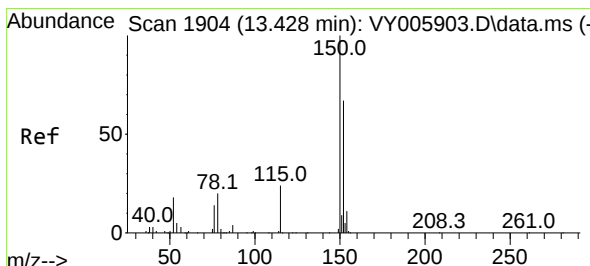
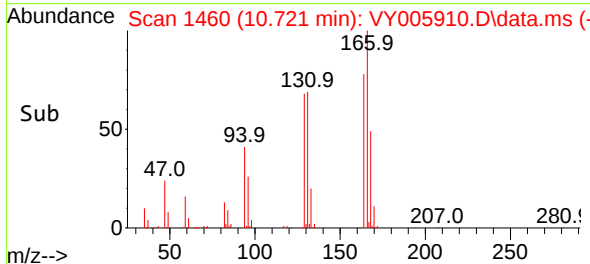
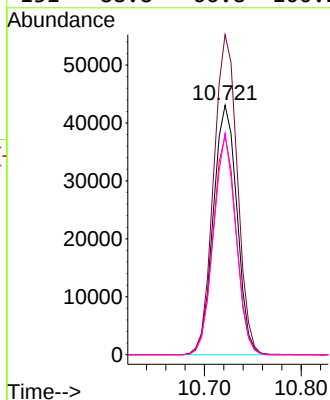
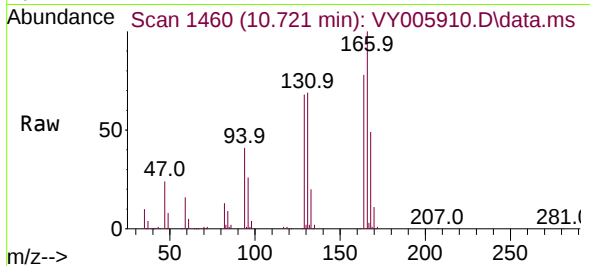




#64
Tetrachloroethene
Concen: 25.429 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

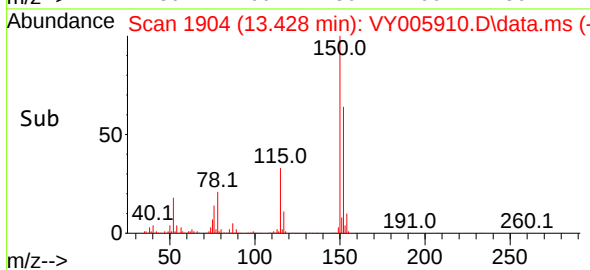
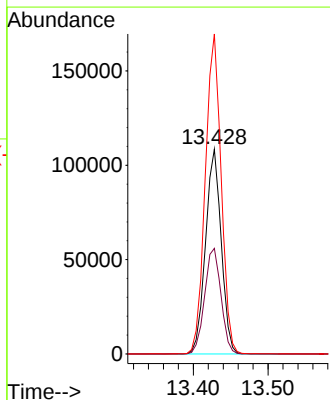
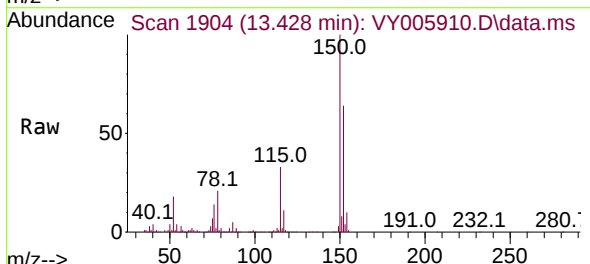
Instrument :
MSVOA_Y
ClientSampleId :

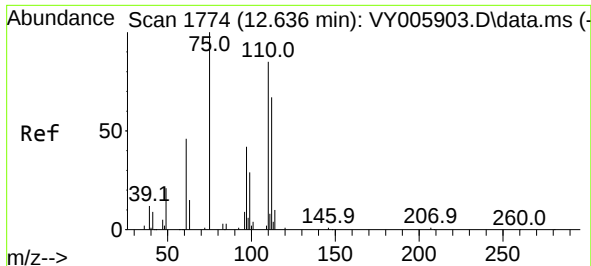
Tgt Ion:	164	Resp:	73117
Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.8	152.8
129	87.8	68.7	103.1
131	88.8	66.8	100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion:	152	Resp:	158342
Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.8	80.4
150	157.9	0.0	345.6

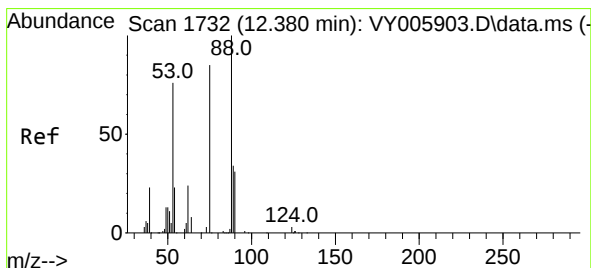
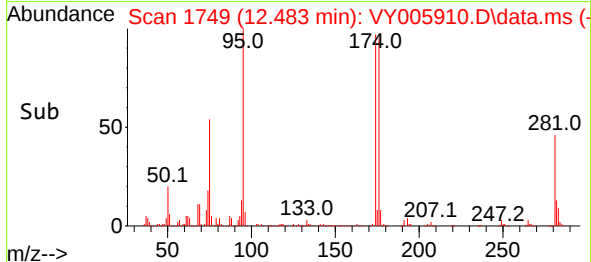
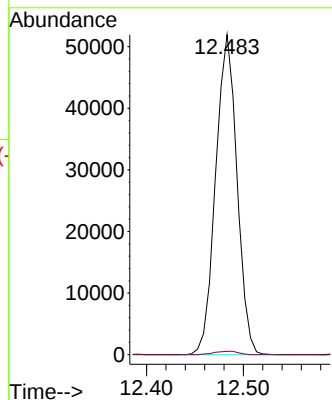
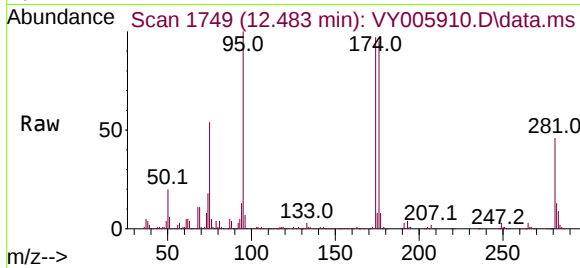




#76
1,2,3-Trichloropropane
Concen: 53.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79599
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005910.D
Acq: 31 Aug 2021 14:24

Tgt Ion: 75 Resp: 79599
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.4 35.8 53.6#

