

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101221\
 Data File : VY006371.D
 Acq On : 12 Oct 2021 10:20
 Operator : SY/MD
 Sample : VY1012SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 07:37:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

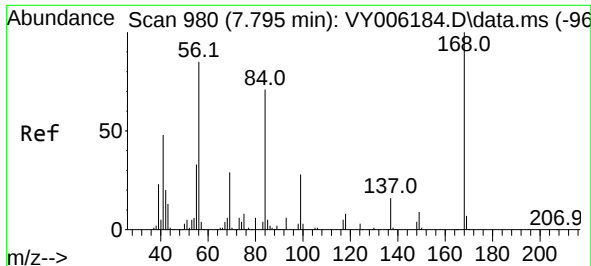
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	118656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75601	59.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.060%	
35) Dibromofluoromethane	7.728	113	57803	55.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.185	98	247772	56.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.483	95	74480	50.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	434	1.224	ug/l #	47
20) Methylene Chloride	4.722	84	2354	Below Cal	#	85
31) Cyclohexane	7.789	56	2793	1.161	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	8918	4.592	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11260	5.491	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	1152	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42361	50.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42361	100.093	ug/l #	7

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

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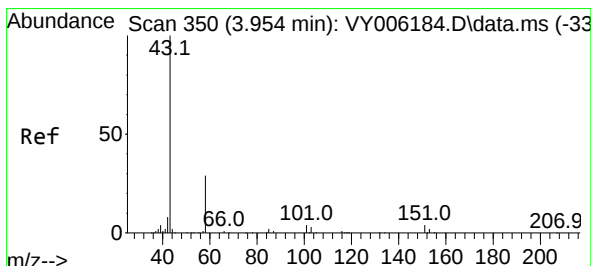
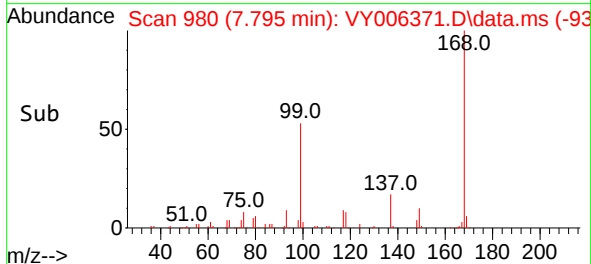
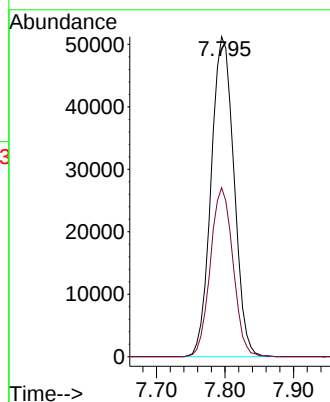
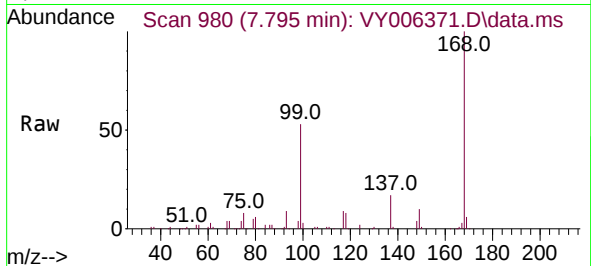




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

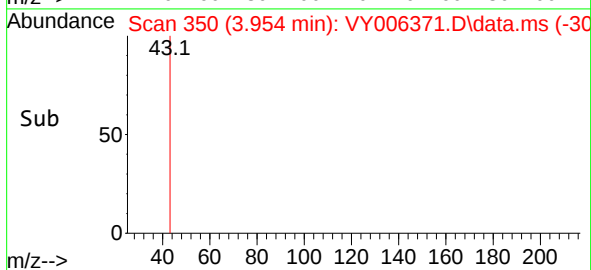
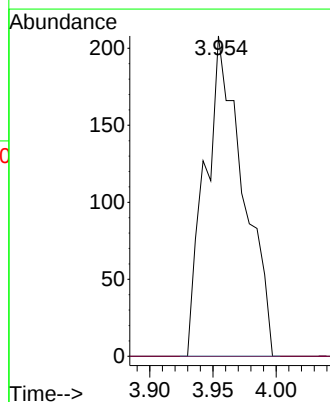
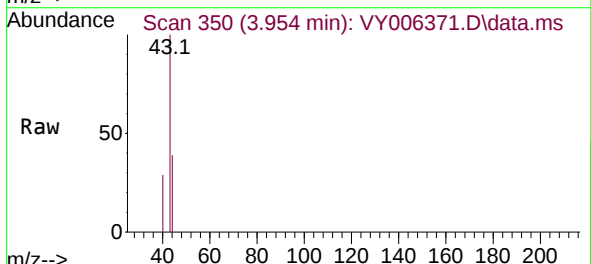
Instrument :
MSVOA_Y
ClientSampled :

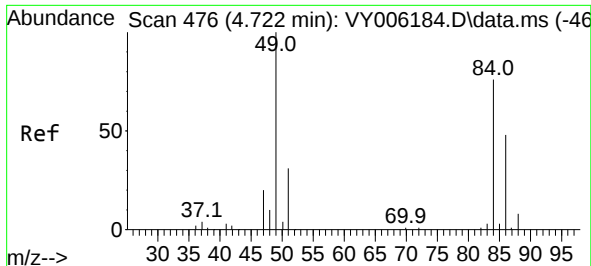
Tgt Ion:168 Resp: 118656
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 1.224 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

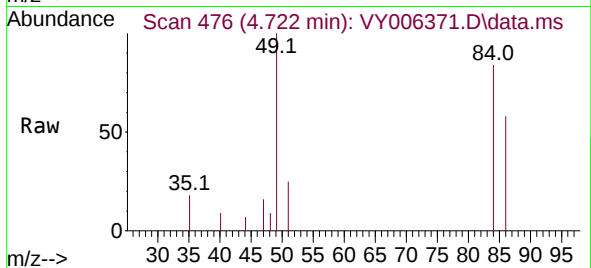
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





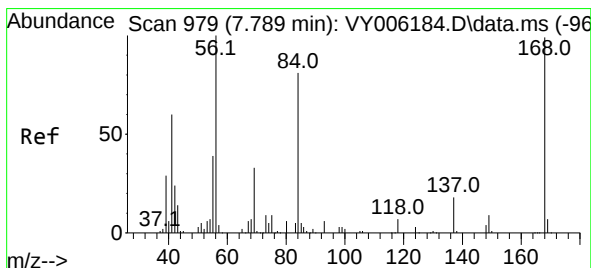
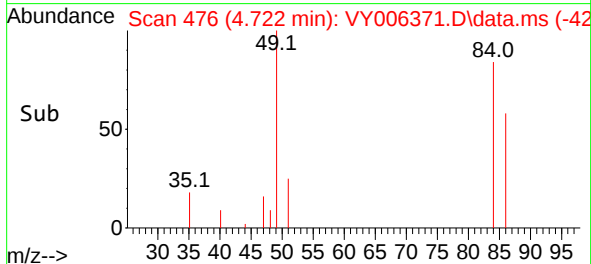
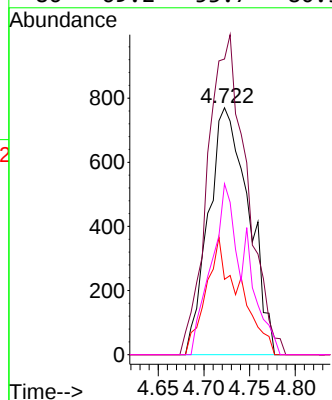
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Instrument :
MSVOA_Y
ClientSampleId :

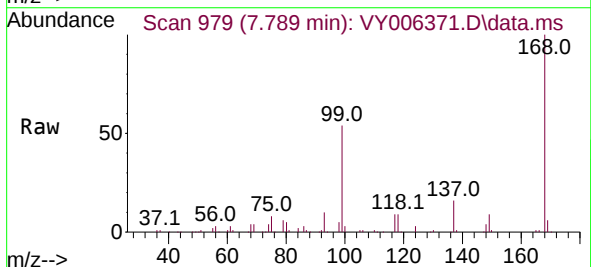


Tgt Ion: 84 Resp: 2354

Ion	Ratio	Lower	Upper
84	100		
49	119.7	114.4	171.6
51	30.5	35.3	52.9#
86	69.2	53.7	80.5

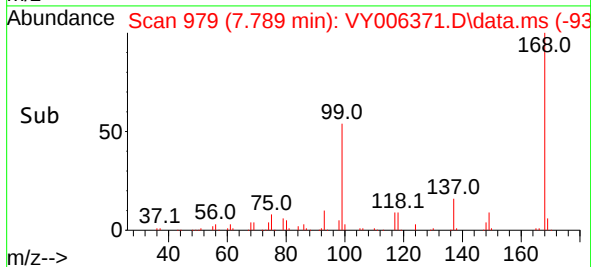
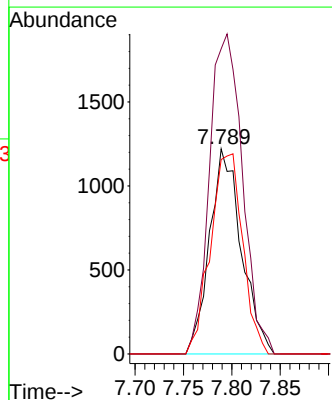


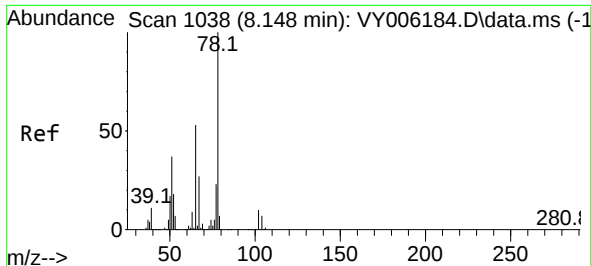
#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20



Tgt Ion: 56 Resp: 2793

Ion	Ratio	Lower	Upper
56	100		
69	148.7	26.7	40.1#
84	94.8	67.2	100.8

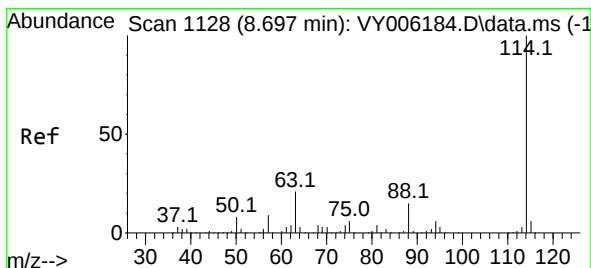
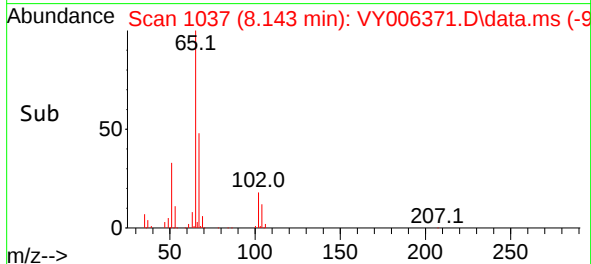
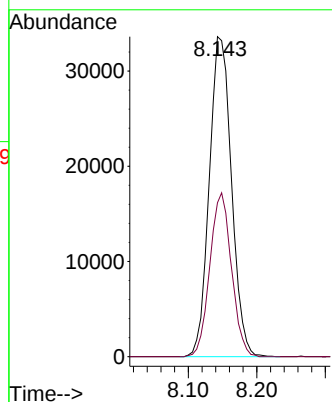
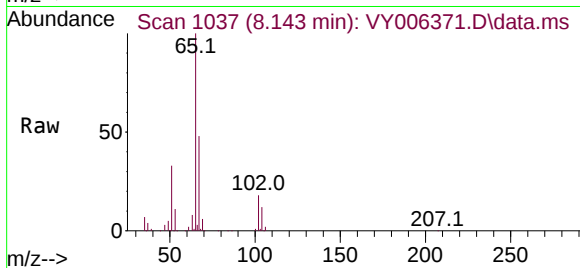




#33
1,2-Dichloroethane-d4
Concen: 59.530 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

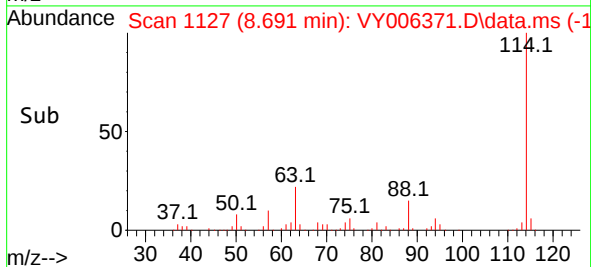
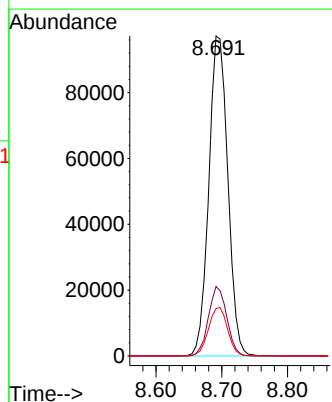
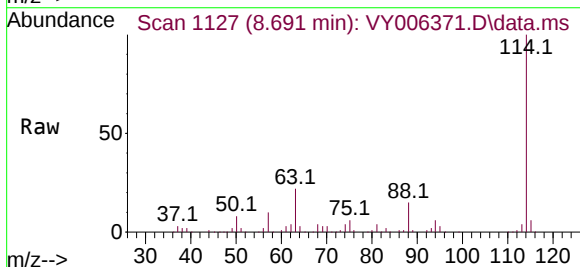
Instrument :
MSVOA_Y
ClientSampleId :

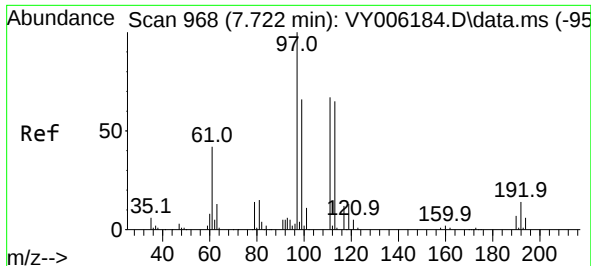
Tgt Ion: 65 Resp: 75601
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Tgt Ion: 114 Resp: 195176
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 14.8 0.0 31.8

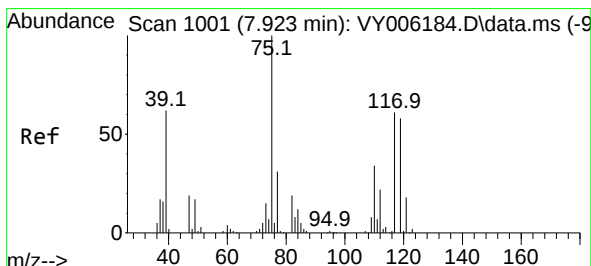
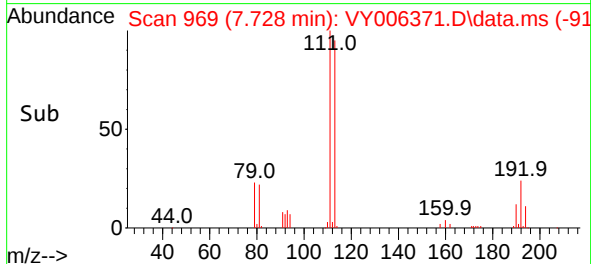
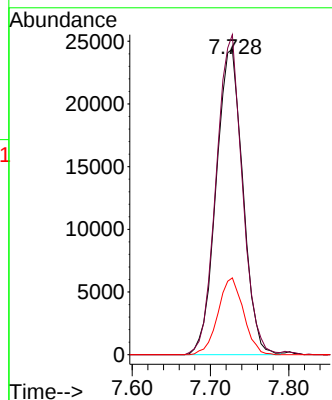
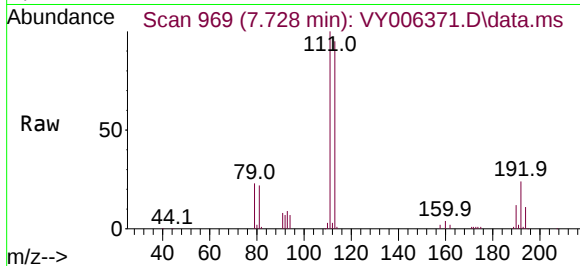




#35
Dibromofluoromethane
Concen: 55.433 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

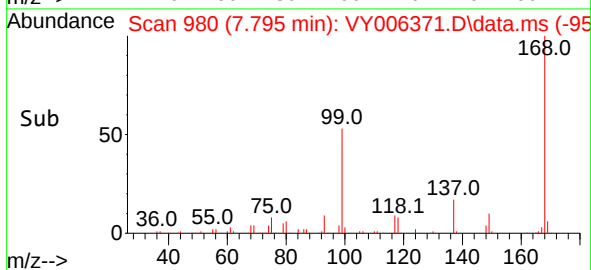
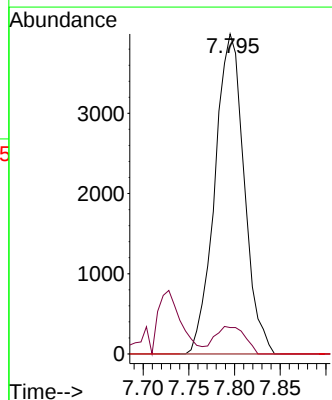
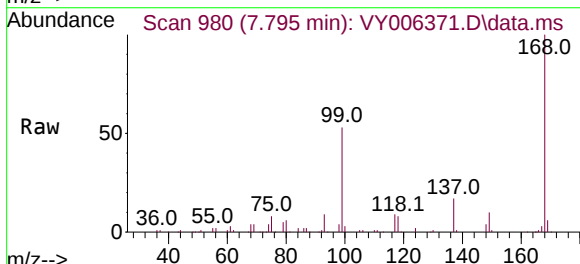
Instrument :
MSVOA_Y
ClientSampleId :

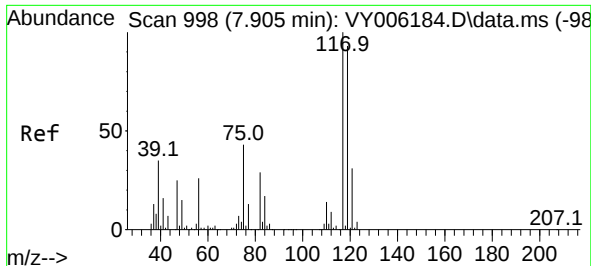
Tgt Ion:113 Resp: 57803
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

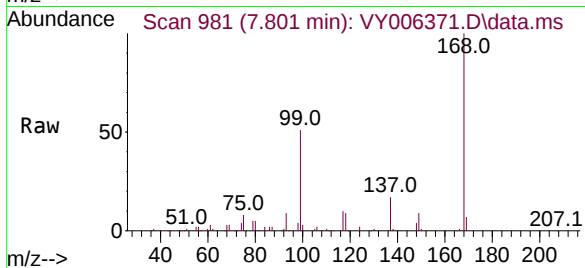
Tgt Ion: 75 Resp: 8918
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



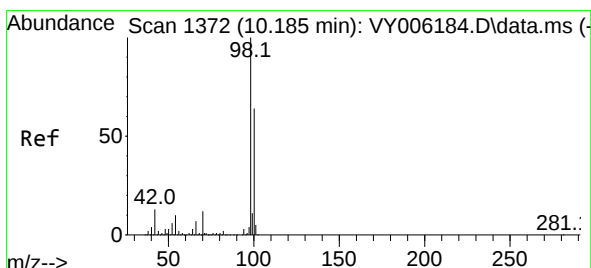
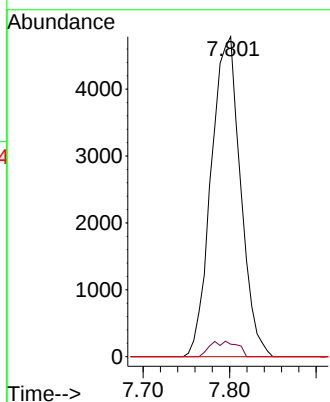
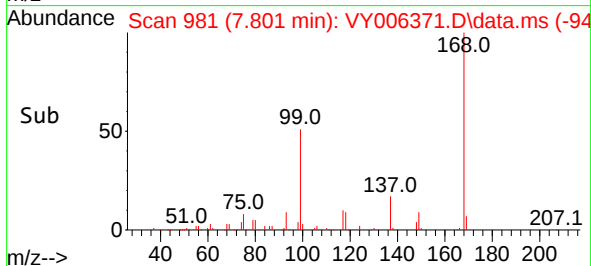


#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

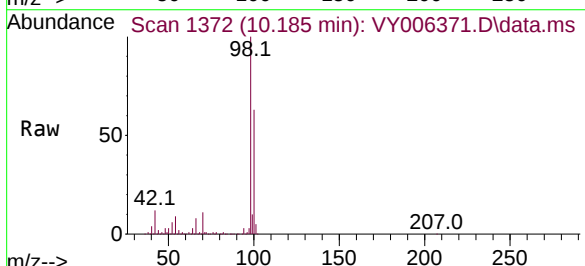
Instrument :
MSVOA_Y
ClientSampleId :



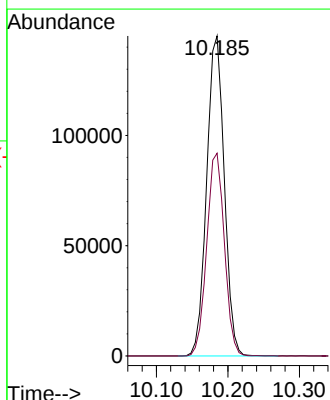
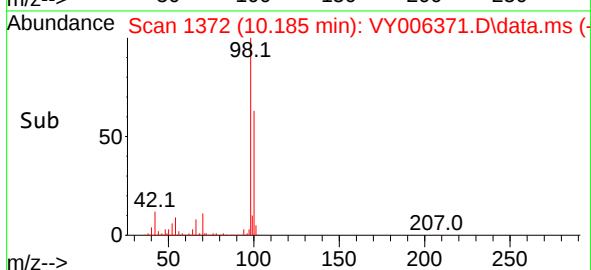
Tgt Ion: 117 Resp: 11260
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

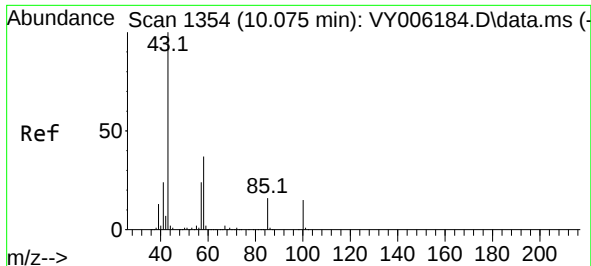


#50
Toluene-d8
Concen: 56.775 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20



Tgt Ion: 98 Resp: 247772
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

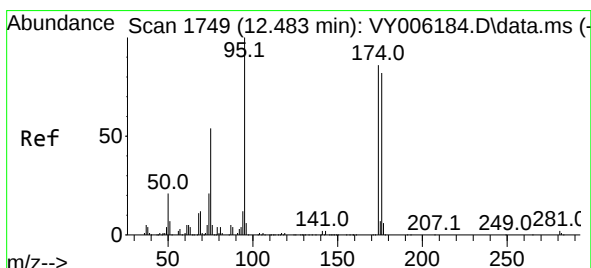
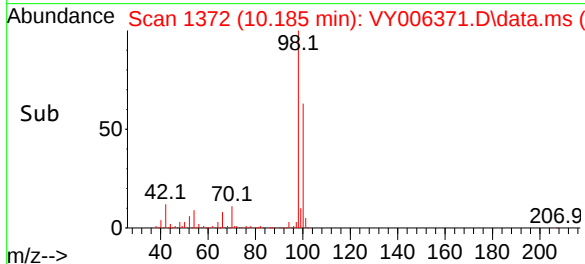
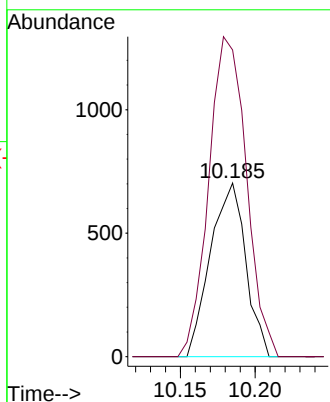
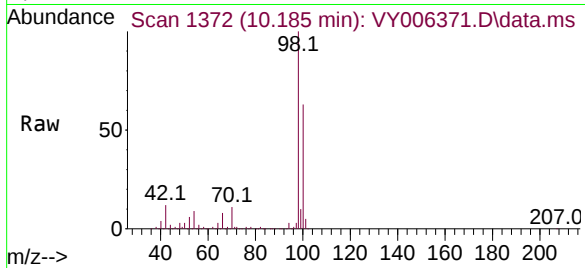




#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

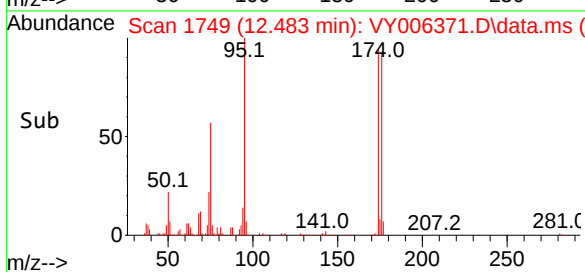
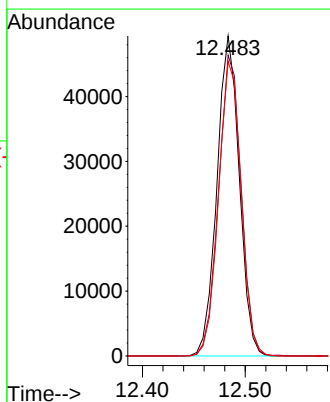
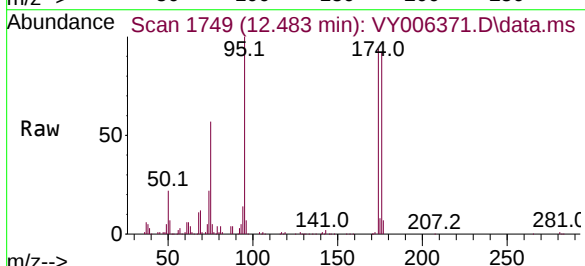
Instrument :
MSVOA_Y
ClientSampleId :

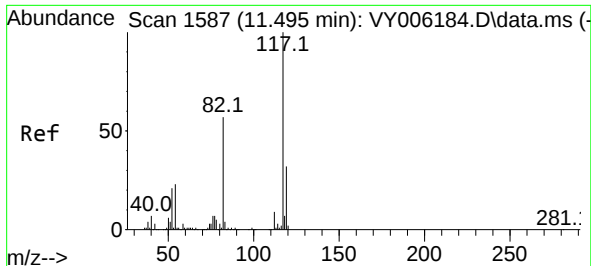
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 196.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Tgt Ion: 95 Resp: 74480
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 93.2 0.0 175.8

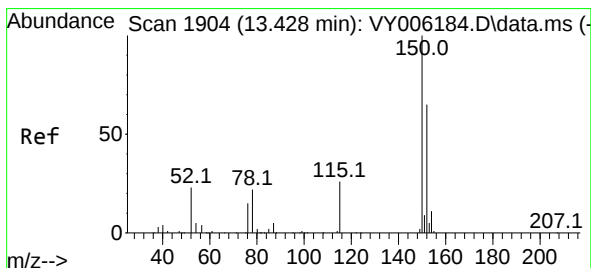
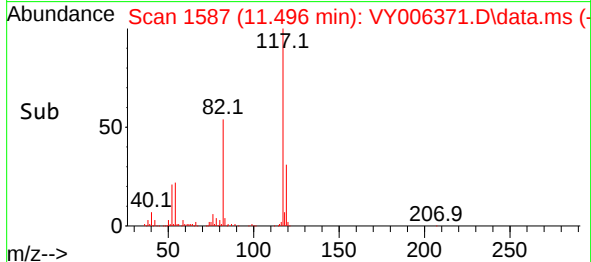
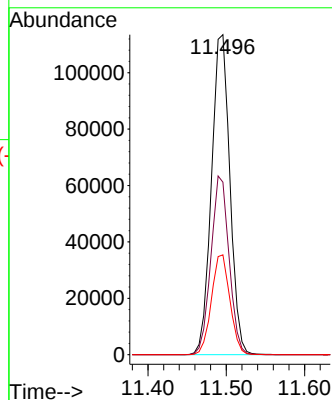
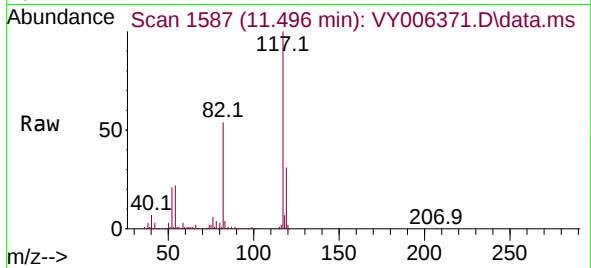




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

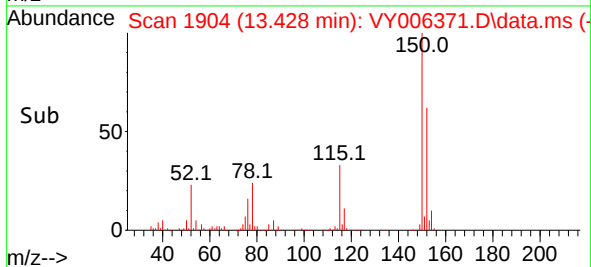
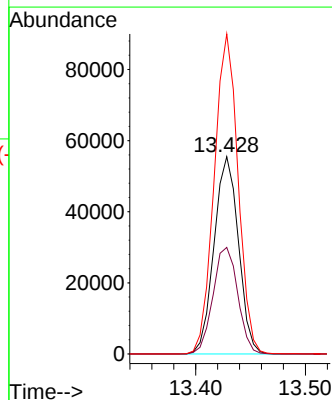
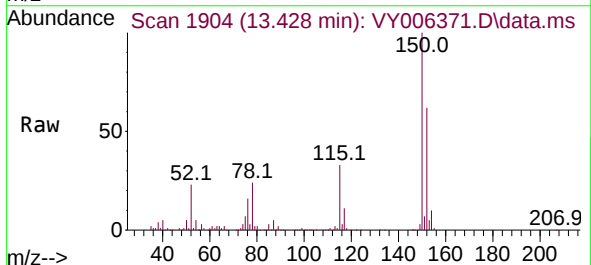
Instrument :
MSVOA_Y
ClientSampleId :

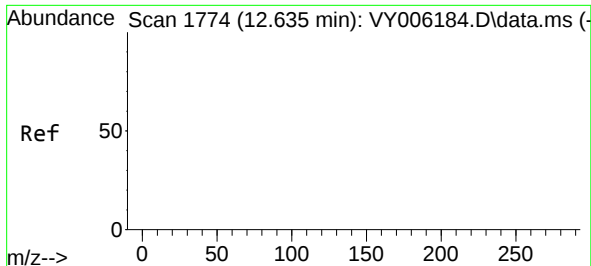
Tgt Ion:117 Resp: 185146
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Tgt Ion:152 Resp: 85568
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.3 0.0 347.6

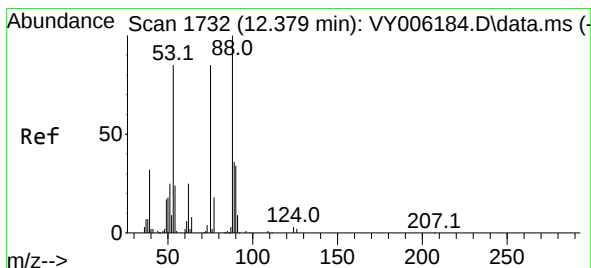
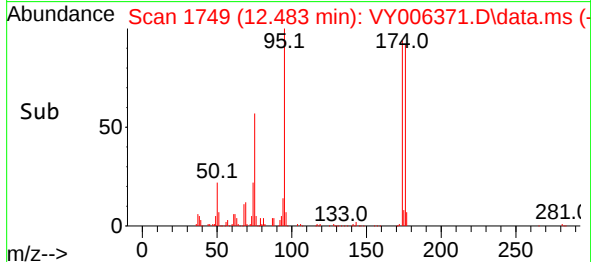
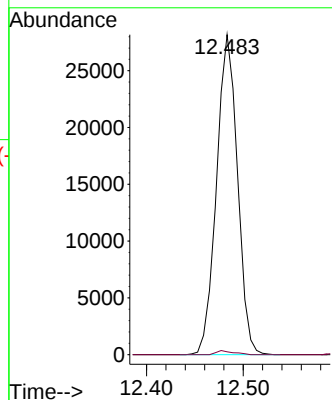
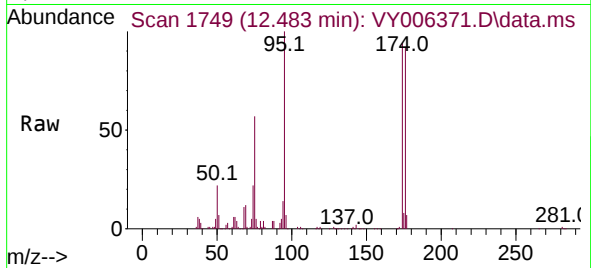




#76
1,2,3-Trichloropropane
Concen: 50.934 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 42361
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006371.D
Acq: 12 Oct 2021 10:20

Tgt Ion: 75 Resp: 42361
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

