

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005641.D
 Acq On : 13 Aug 2021 18:02
 Operator : SY/MD
 Sample : M3408-10
 Misc : 9.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 34S

Quant Time: Aug 14 03:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

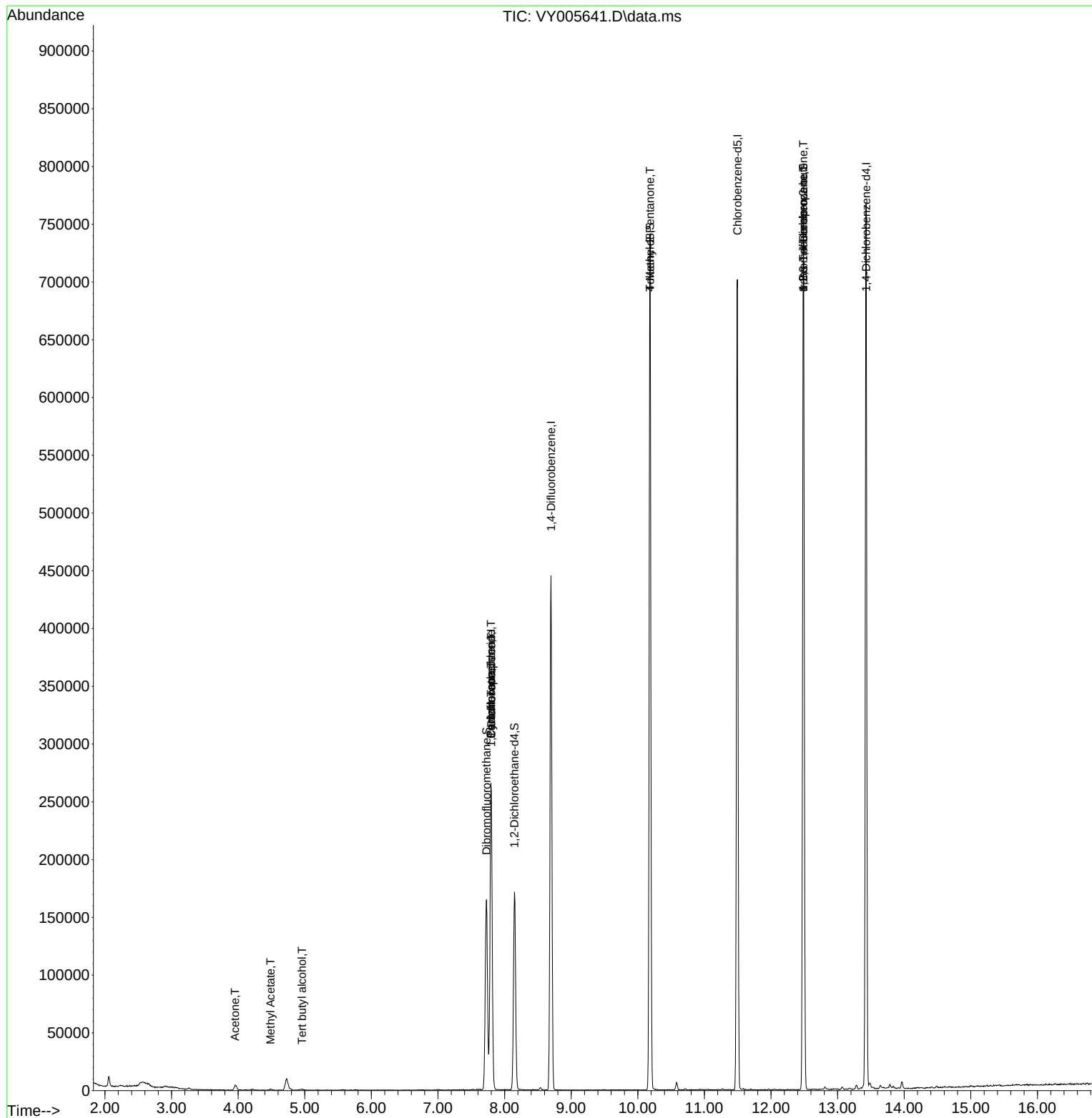
Internal Standards						
1) Pentafluorobenzene	7.795	168	217706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	369712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140094	63.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.140%	
35) Dibromofluoromethane	7.728	113	114377	55.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.520%	
50) Toluene-d8	10.185	98	482728	55.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.483	95	172642	60.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	977	4.485	ug/l #	79
16) Acetone	3.954	43	7475	13.454	ug/l #	84
18) Methyl Acetate	4.485	43	1666	1.146	ug/l	91
20) Methylene Chloride	4.729	84	7069	Below Cal		90
31) Cyclohexane	7.795	56	4111	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15905	4.587	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19782	5.249	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2095	1.000	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	95308	47.160	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	95308	95.068	ug/l #	11

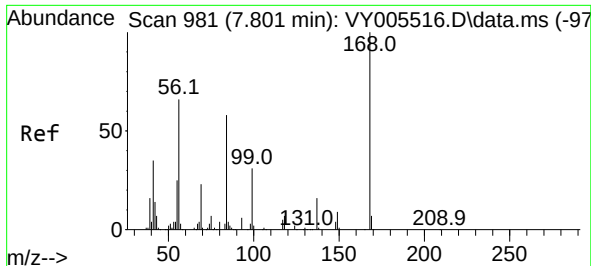
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

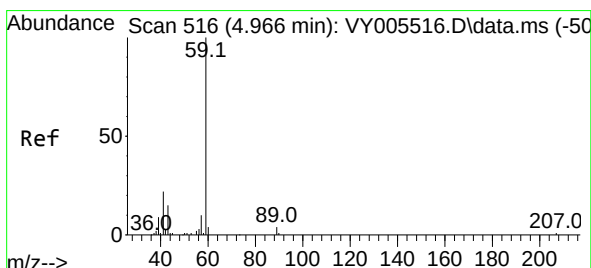
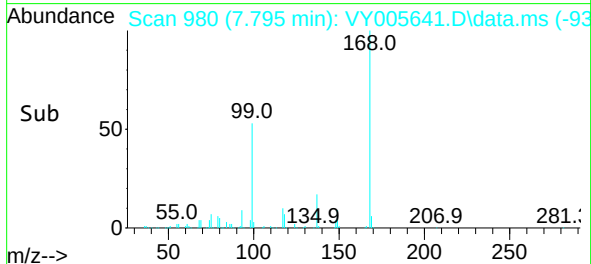
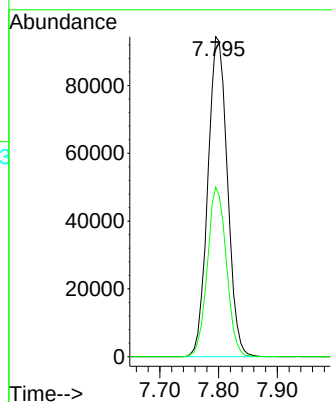
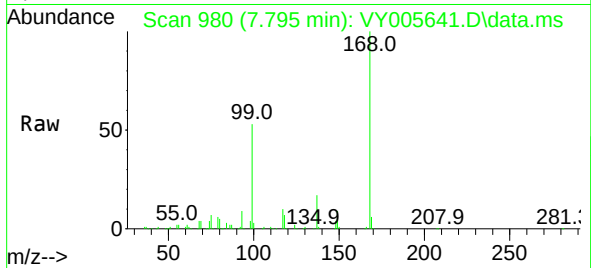




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

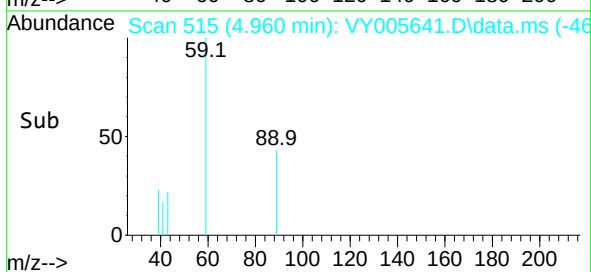
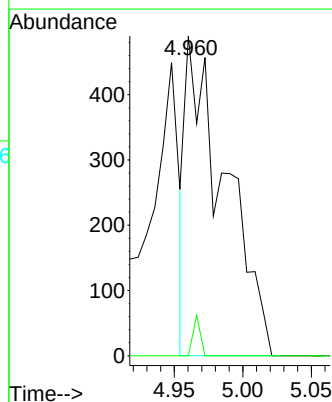
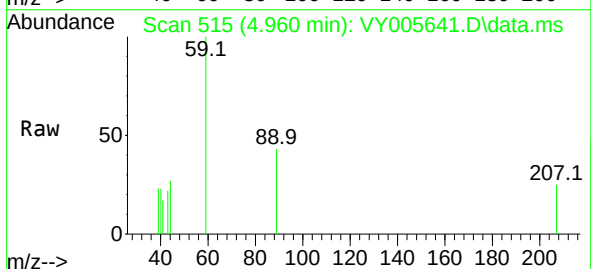
Instrument :
MSVOA_Y
ClientSampleId :
34S

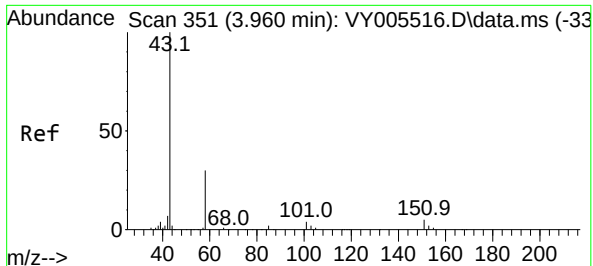
Tgt Ion:168 Resp: 217706
Ion Ratio Lower Upper
168 100
99 53.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.485 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 59 Resp: 977
Ion Ratio Lower Upper
59 100
57 2.4 8.0 12.0#

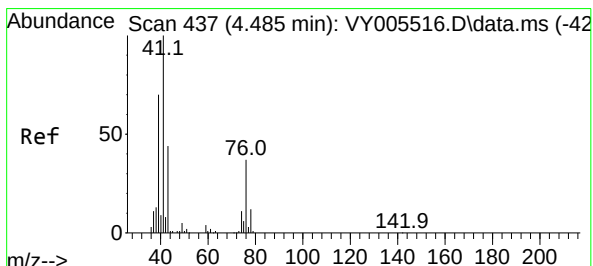
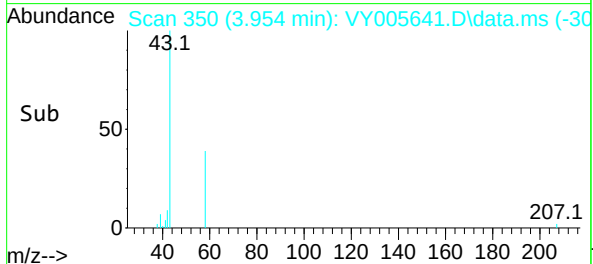
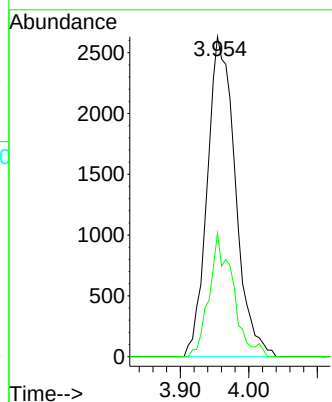
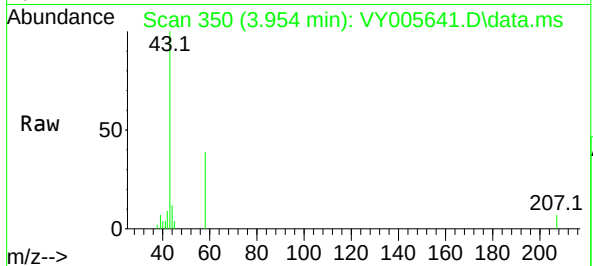




#16
Acetone
Concen: 13.454 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

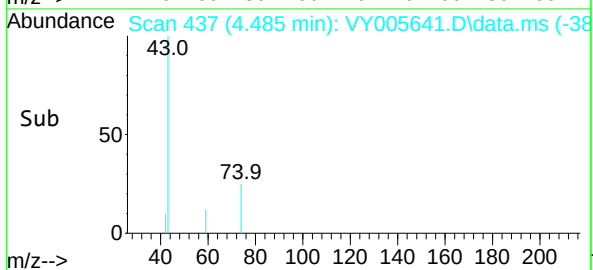
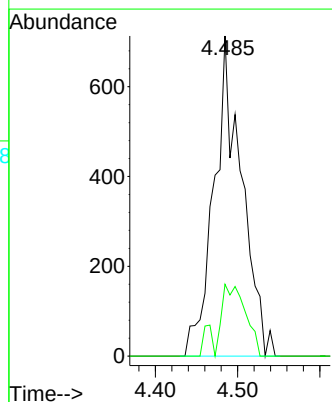
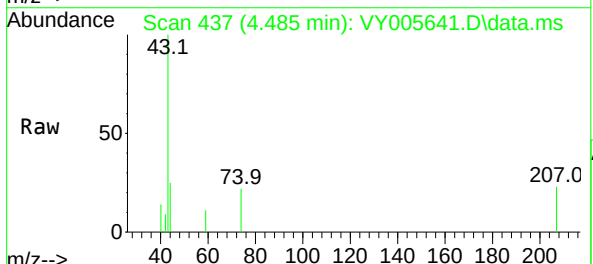
Instrument :
MSVOA_Y
ClientSampleId :
34S

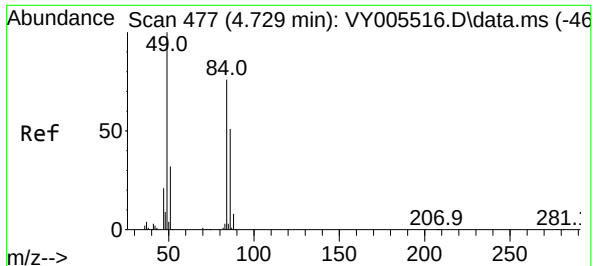
Tgt Ion: 43 Resp: 7475
Ion Ratio Lower Upper
43 100
58 38.6 23.8 35.6#



#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
74 19.2 19.0 28.6



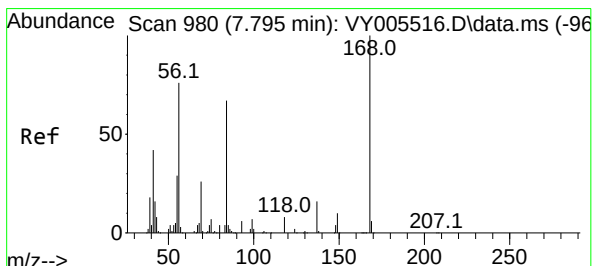
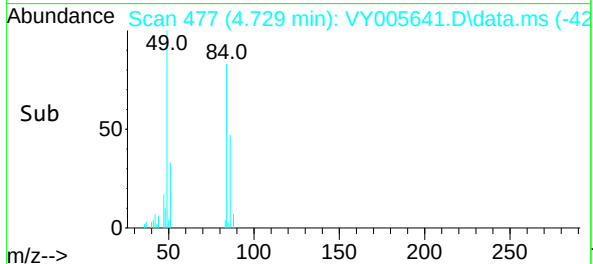
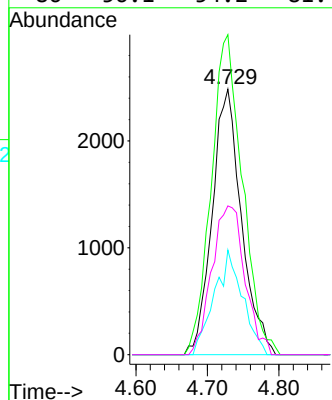
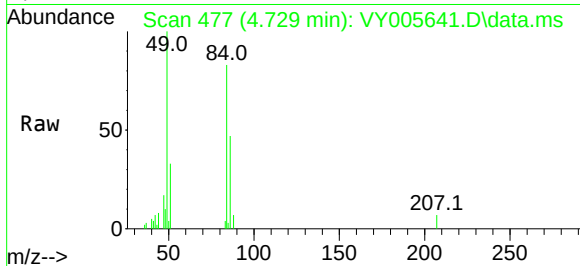


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Instrument :
MSVOA_Y
ClientSampled :
34S

Tgt Ion: 84 Resp: 7069

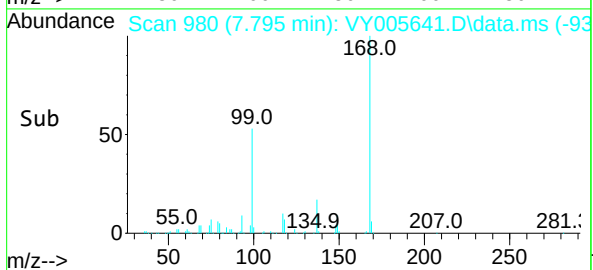
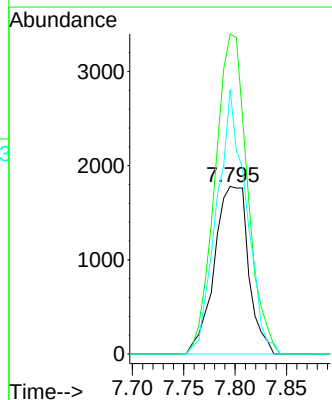
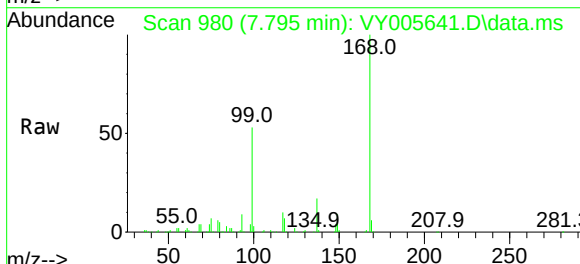
Ion	Ratio	Lower	Upper
84	100		
49	120.6	105.8	158.6
51	39.4	33.4	50.2
86	56.1	54.2	81.4

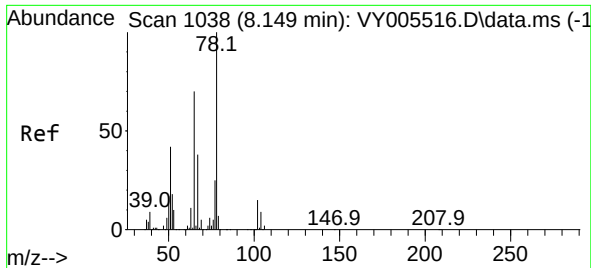


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 56 Resp: 4111

Ion	Ratio	Lower	Upper
56	100		
69	191.1	27.7	41.5#
84	157.8	70.9	106.3#

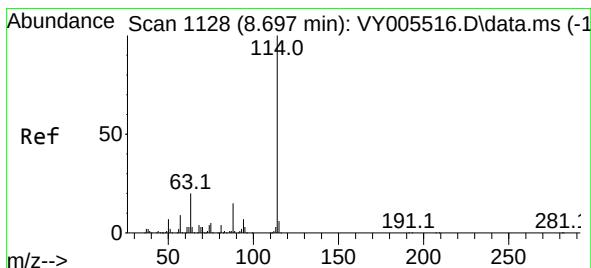
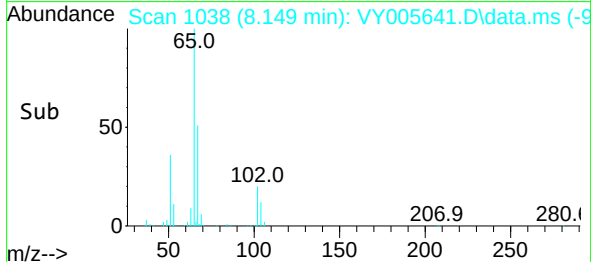
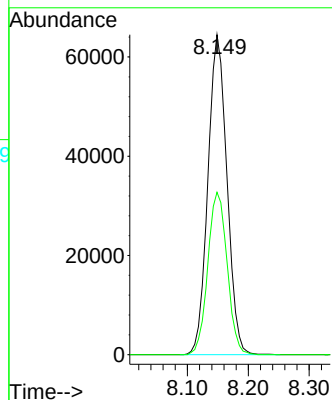
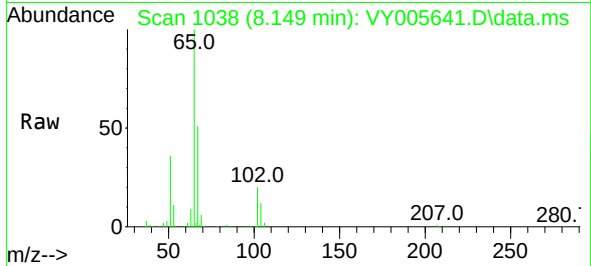




#33
 1,2-Dichloroethane-d4
 Concen: 63.571 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005641.D
 Acq: 13 Aug 2021 18:02

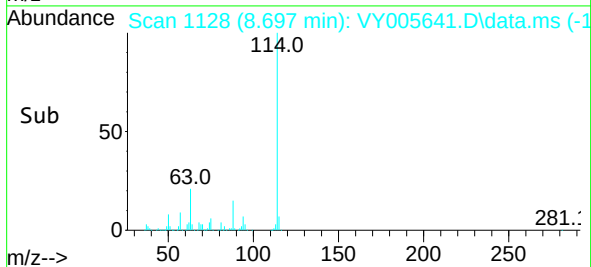
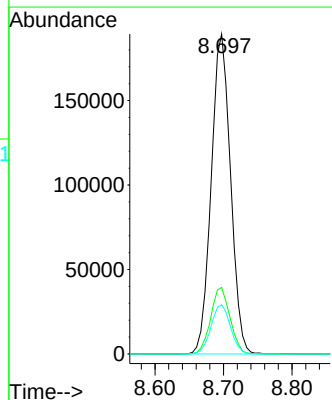
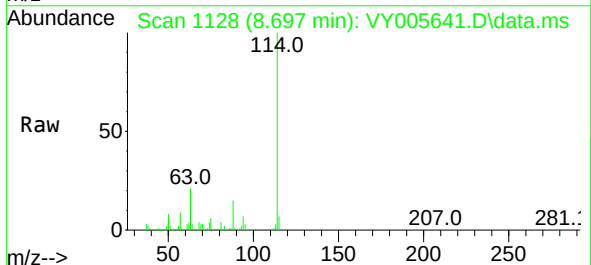
Instrument :
 MSVOA_Y
 ClientSampled :
 34S

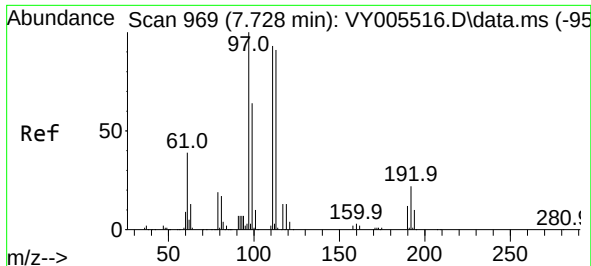
Tgt Ion: 65 Resp: 140094
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005641.D
 Acq: 13 Aug 2021 18:02

Tgt Ion: 114 Resp: 369712
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 15.4 0.0 30.8

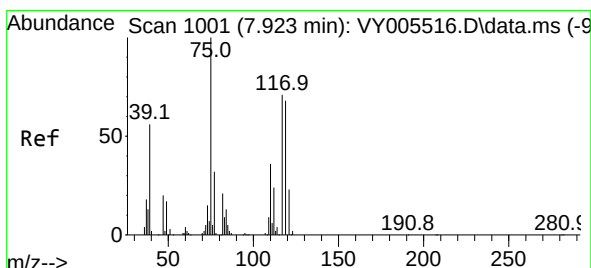
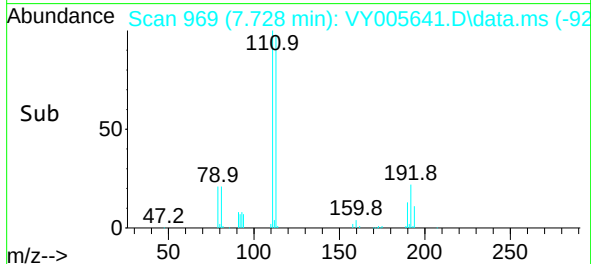
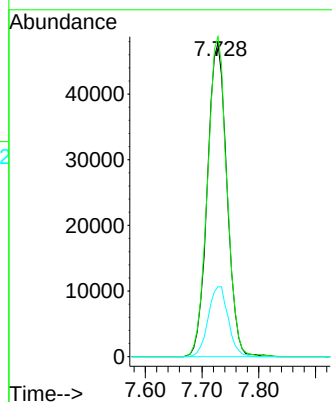
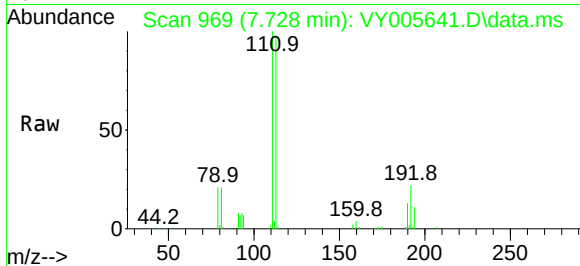




#35
Dibromofluoromethane
Concen: 55.257 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

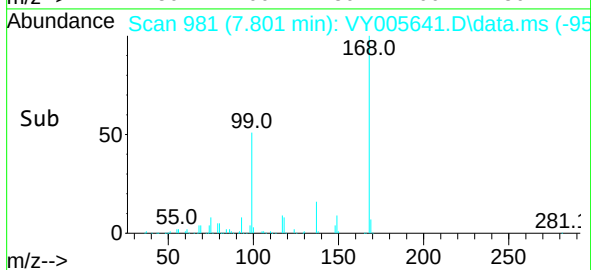
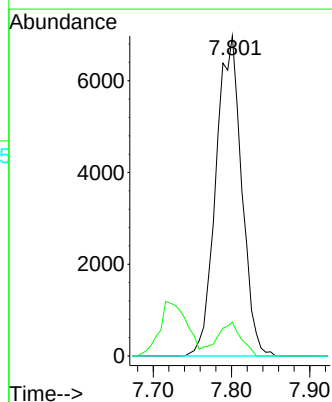
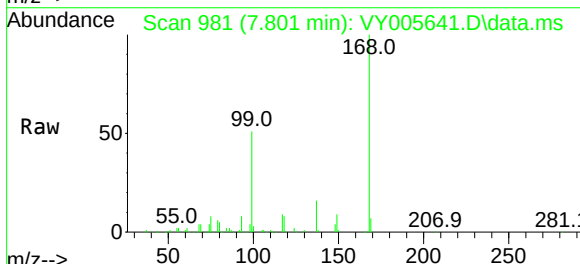
Instrument :
MSVOA_Y
ClientSampleId :
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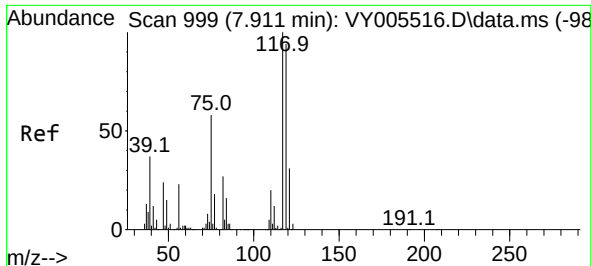
Tgt Ion:113 Resp: 114377
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 22.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 75 Resp: 15905
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.0 25.1 37.7#

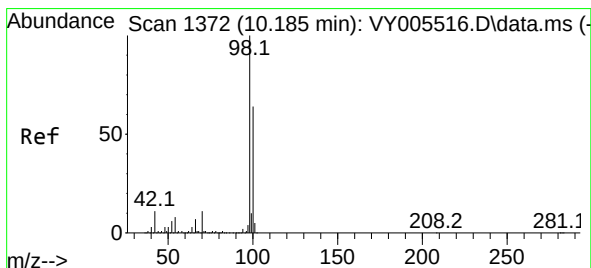
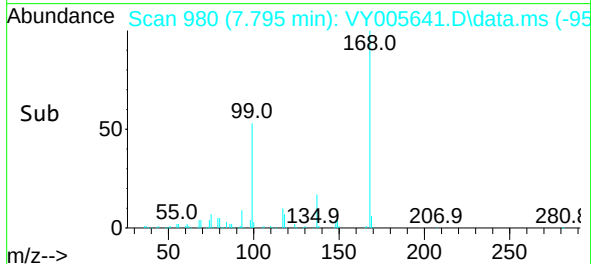
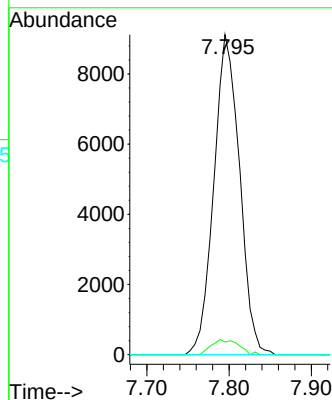
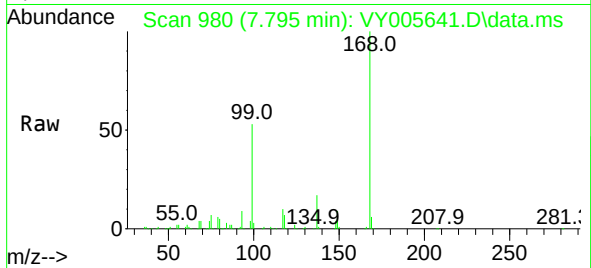




#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

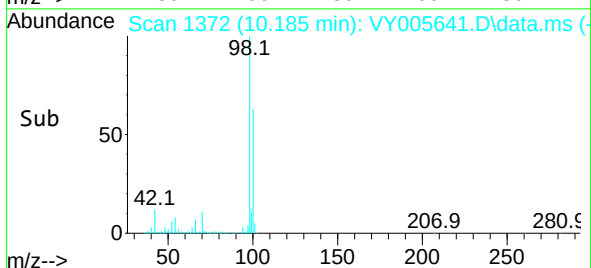
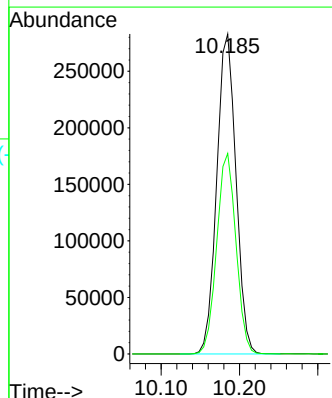
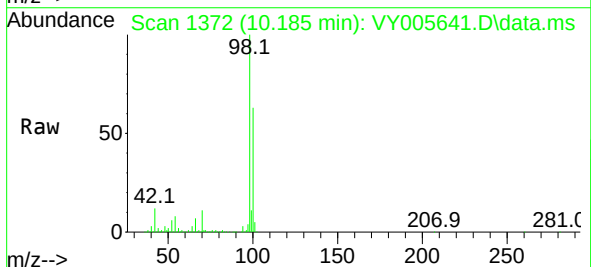
Instrument :
MSVOA_Y
ClientSampled :
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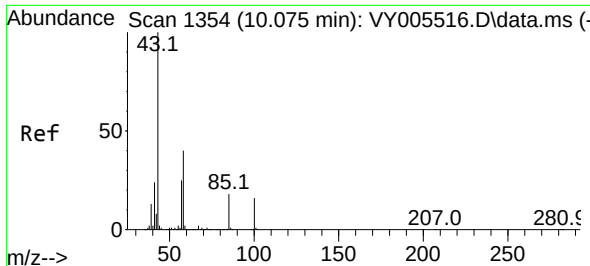
Tgt Ion:117 Resp: 19782
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.607 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 98 Resp: 482728
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9

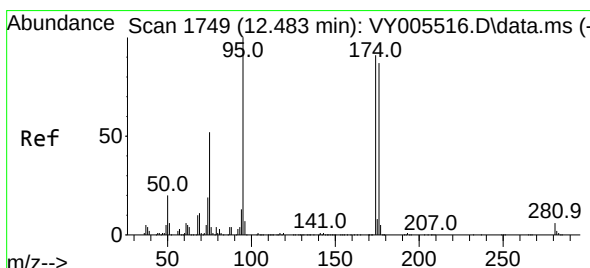
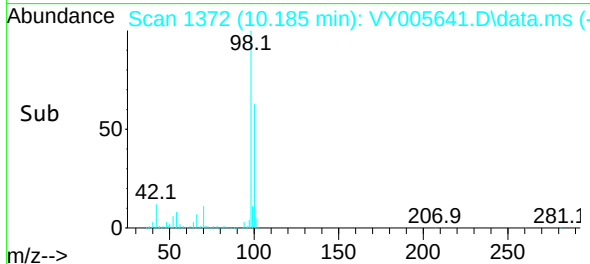
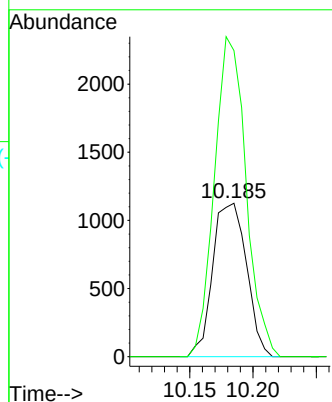
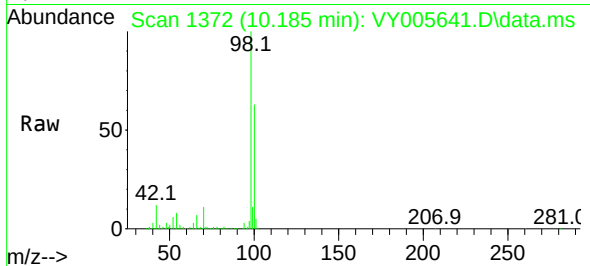




#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

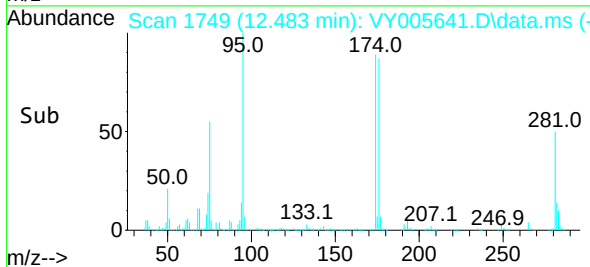
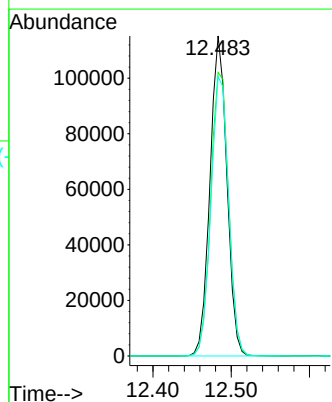
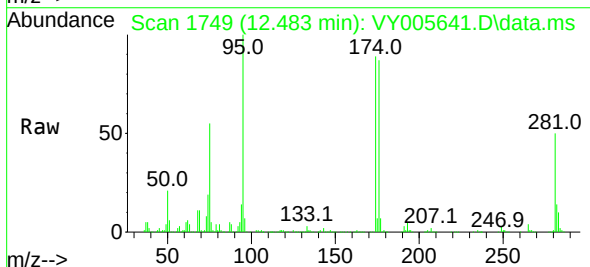
Instrument :
MSVOA_Y
ClientSampled :
34S

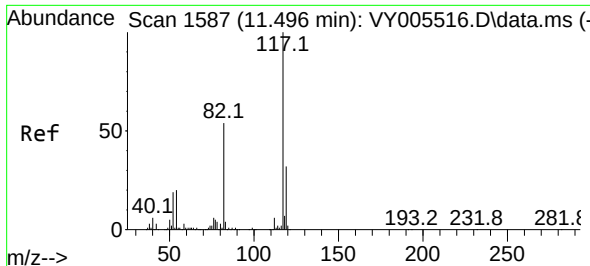
Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 194.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 60.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 95 Resp: 172642
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.4
176 91.0 0.0 183.6

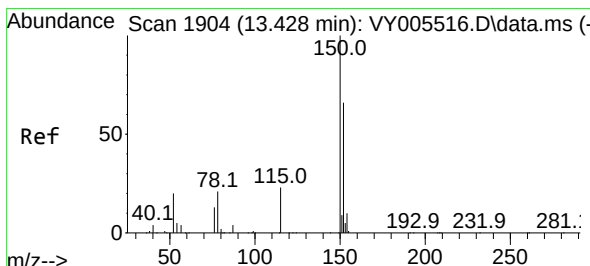
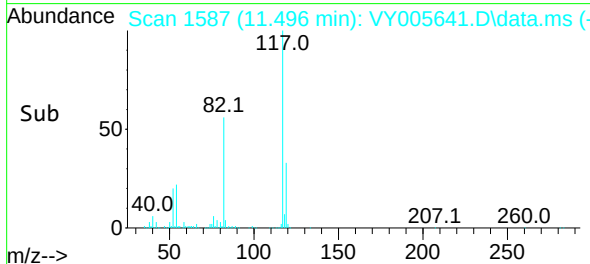
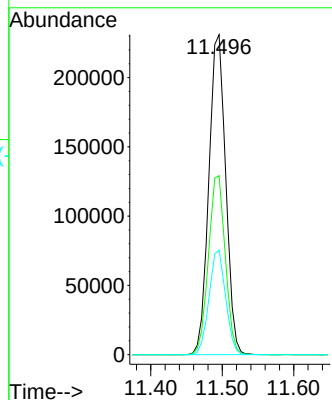
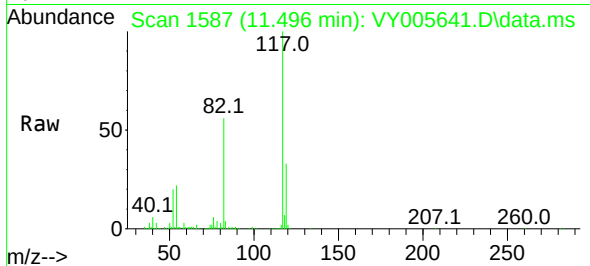




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

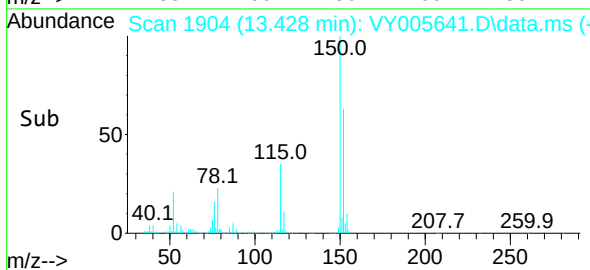
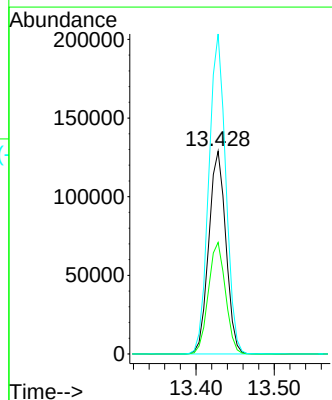
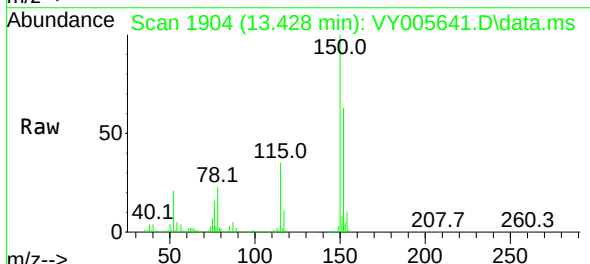
Instrument :
MSVOA_Y
ClientSampled :
34S

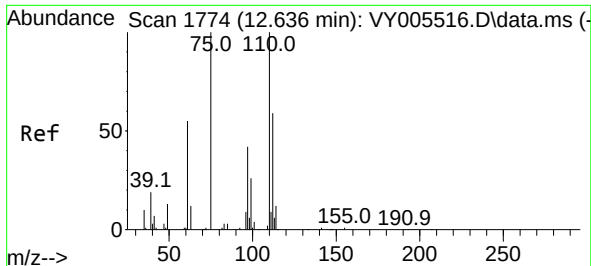
Tgt Ion:117 Resp: 377699
Ion Ratio Lower Upper
117 100
82 56.0 43.5 65.3
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion:152 Resp: 195020
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 156.4 0.0 350.2

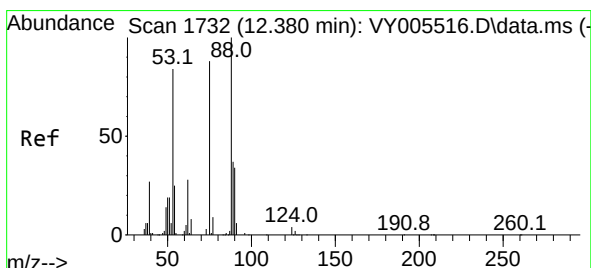
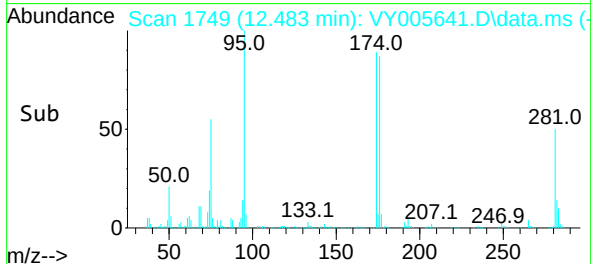
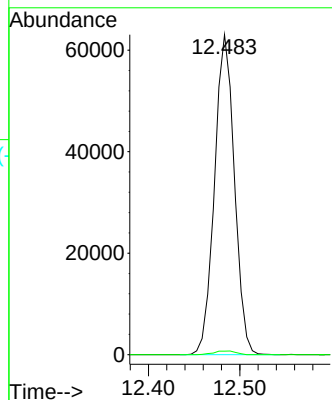
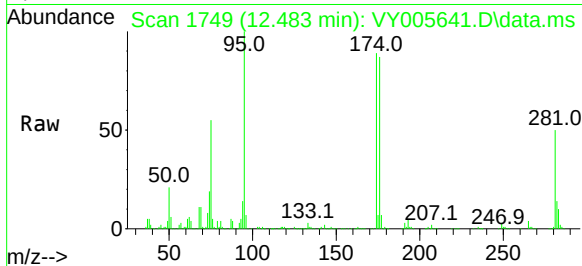




#76
1,2,3-Trichloropropane
Concen: 47.160 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Instrument :
MSVOA_Y
ClientSampled :
34S

Tgt Ion: 75 Resp: 95308
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005641.D
Acq: 13 Aug 2021 18:02

Tgt Ion: 75 Resp: 95308
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.6 38.4 57.6#

