

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005773.D
 Acq On : 19 Aug 2021 16:44
 Operator : SY/MD
 Sample : M3418-12
 Misc : 10.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:57:39 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)

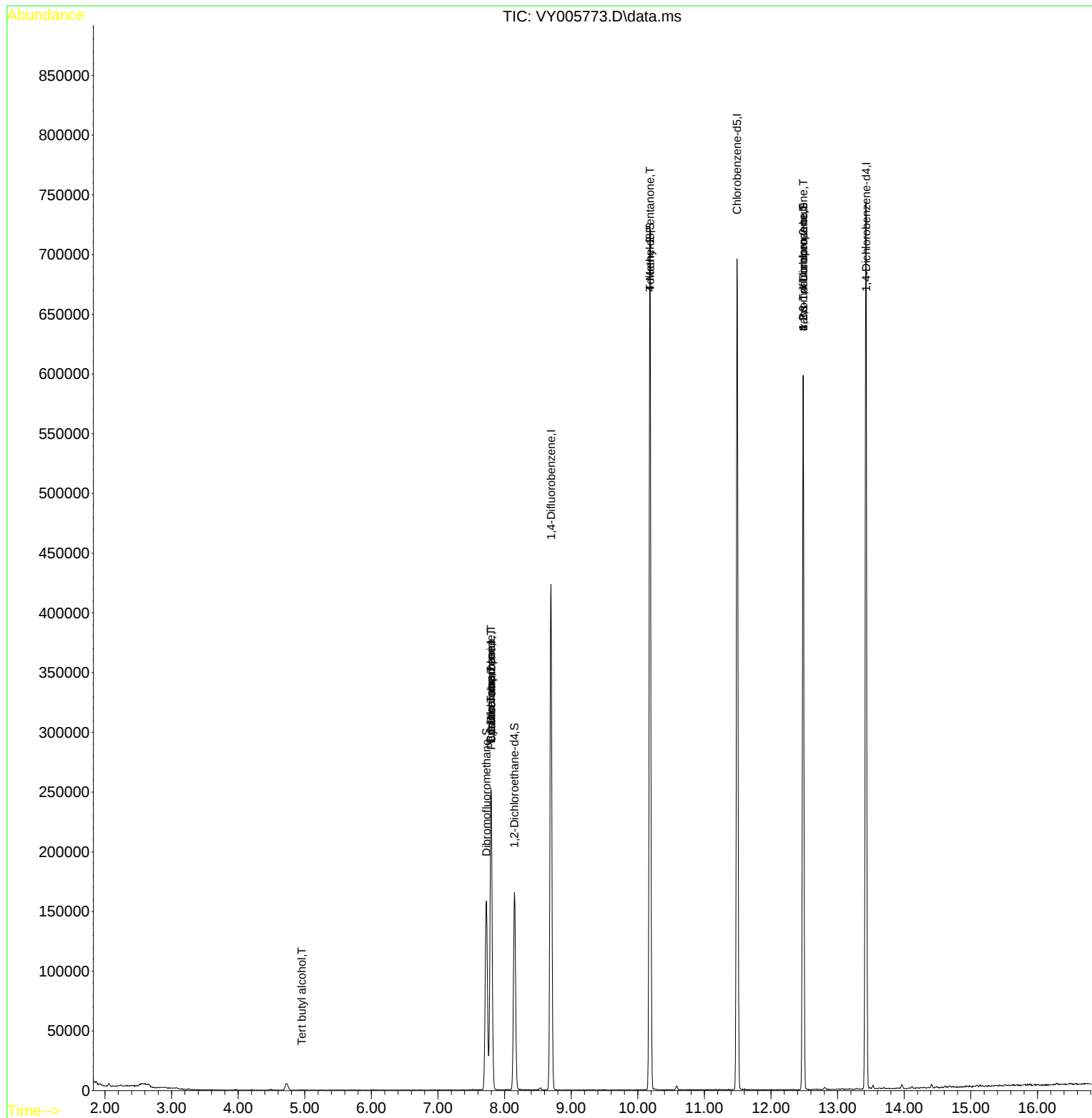
Internal Standards						
1) Pentafluorobenzene	7.801	168	204896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	357532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135058	65.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.240%	
35) Dibromofluoromethane	7.728	113	108577	54.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.185	98	465344	55.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.860%	
62) 4-Bromofluorobenzene	12.483	95	164573	59.198	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	464	2.263	ug/l #	73
20) Methylene Chloride	4.729	84	4089	Below Cal		96
31) Cyclohexane	7.795	56	4007	1.126	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	14615	4.358	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18299	5.021	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2171	1.072	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	91554	45.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91554	91.370	ug/l #	11

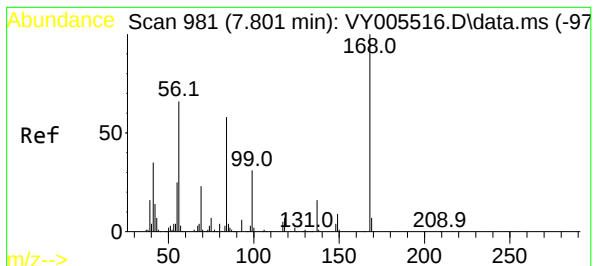
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 06:57:39 2021
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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: 7.801 min Scan# 981

Delta R.T. 0.000 min

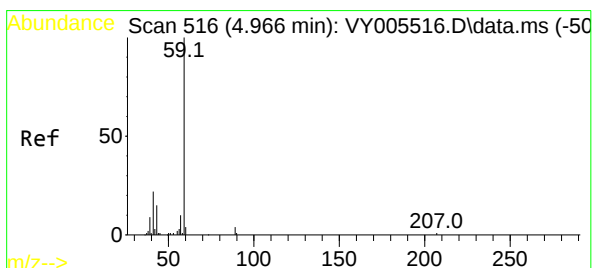
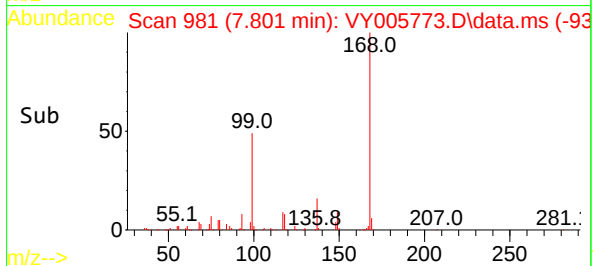
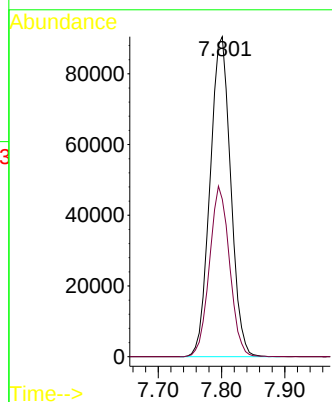
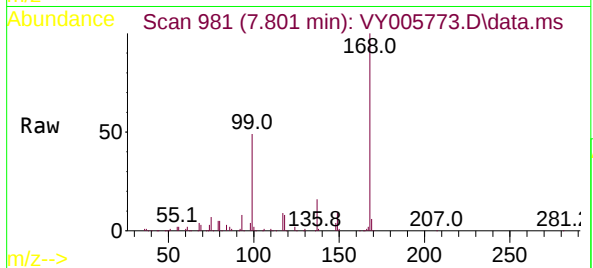
Lab File: VY005773.D

Acq: 19 Aug 2021 16:44

Tgt Ion:168 Resp: 204896

Ion Ratio Lower Upper

168	100		
99	49.2	38.9	58.3



#11

Tert butyl alcohol

Concen: 2.263 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.012 min

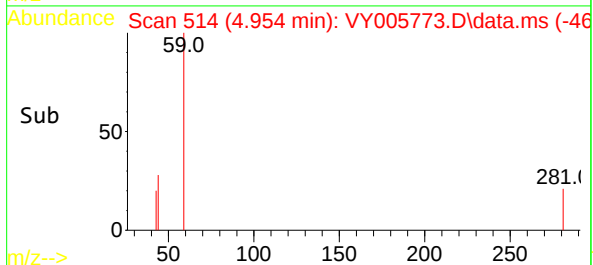
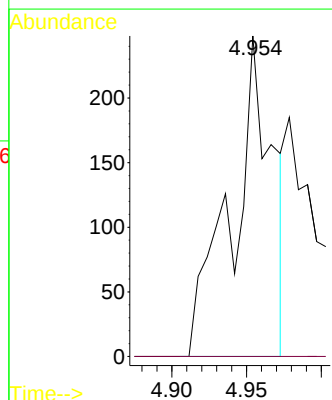
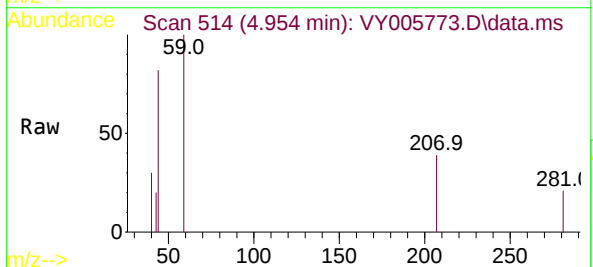
Lab File: VY005773.D

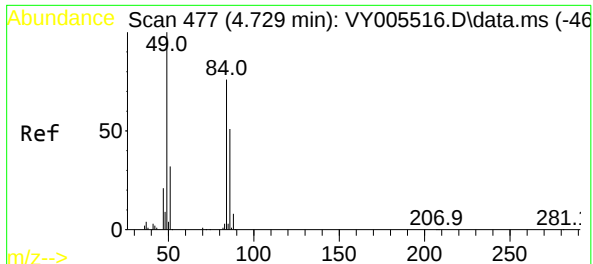
Acq: 19 Aug 2021 16:44

Tgt Ion: 59 Resp: 464

Ion Ratio Lower Upper

59	100		
57	0.0	8.0	12.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005773.D

Acq: 19 Aug 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 4089

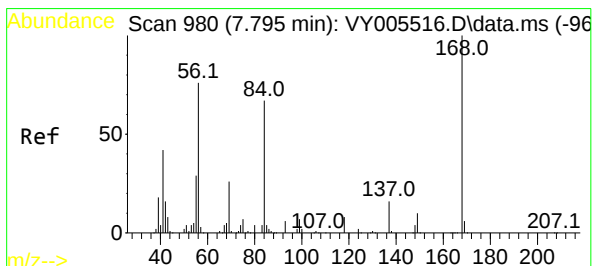
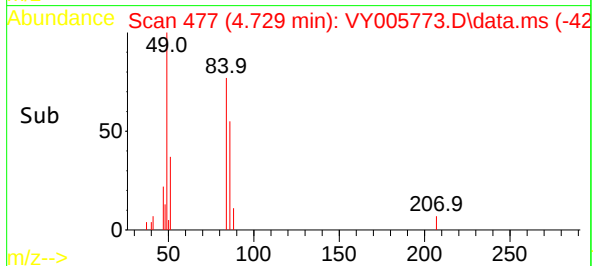
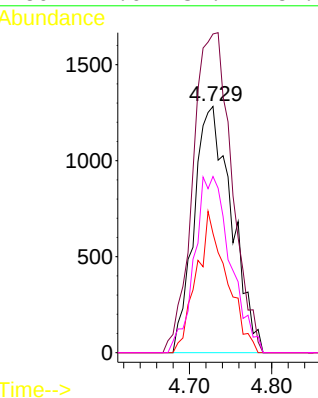
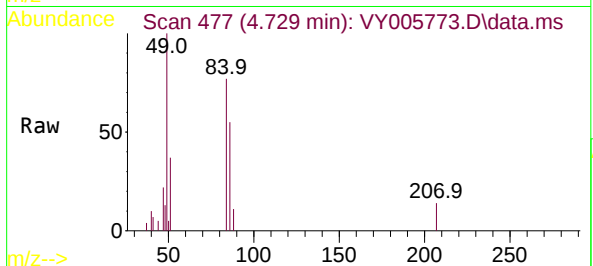
Ion Ratio Lower Upper

84 100

49 129.4 105.8 158.6

51 48.4 33.4 50.2

86 71.6 54.2 81.4



#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005773.D

Acq: 19 Aug 2021 16:44

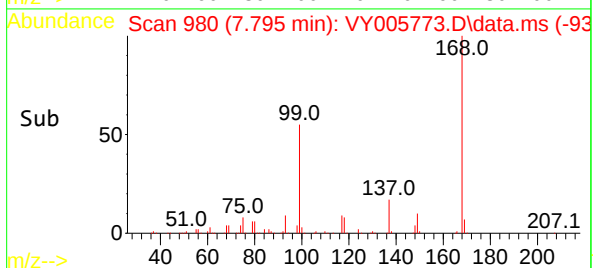
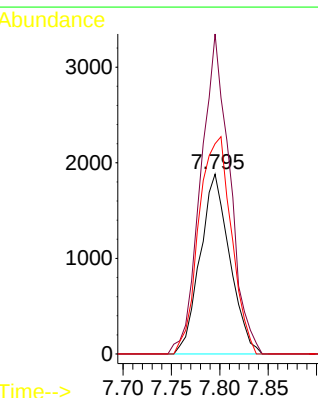
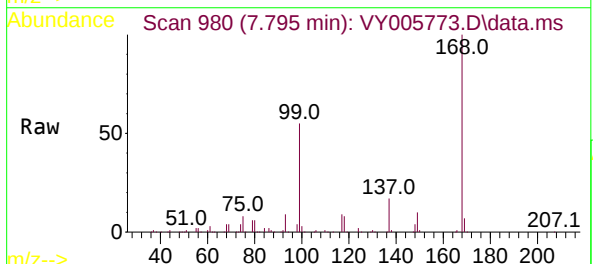
Tgt Ion: 56 Resp: 4007

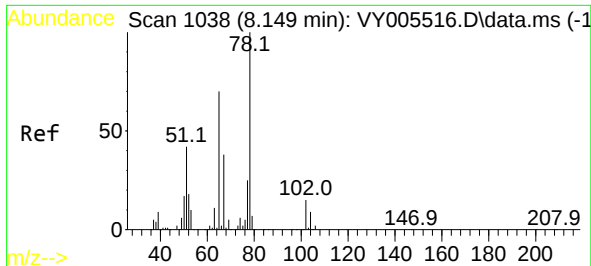
Ion Ratio Lower Upper

56 100

69 178.0 27.7 41.5#

84 116.9 70.9 106.3#

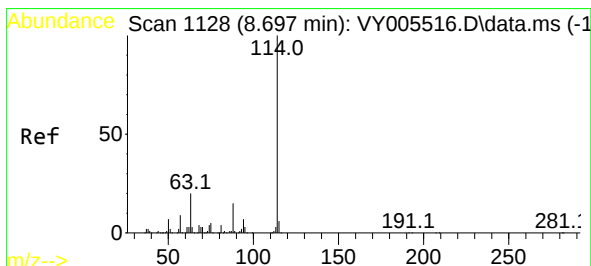
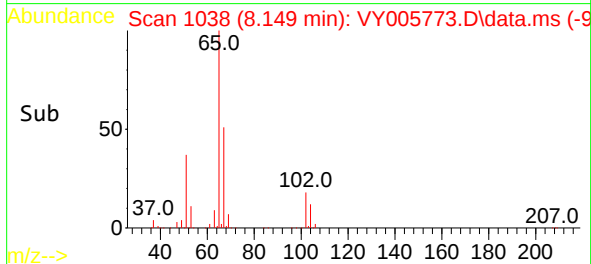
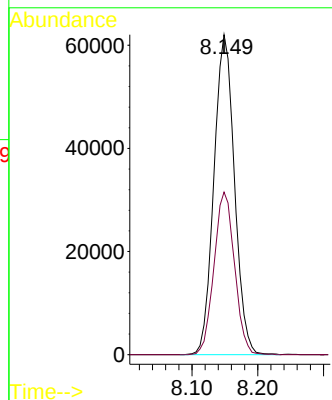
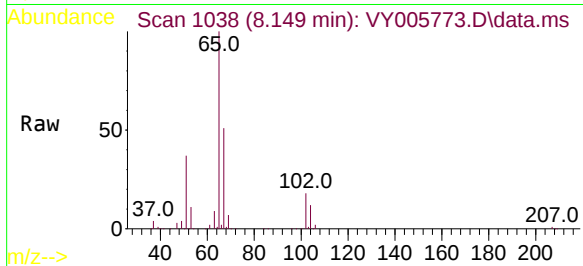




#33
 1,2-Dichloroethane-d4
 Concen: 65.118 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005773.D
 Acq: 19 Aug 2021 16:44

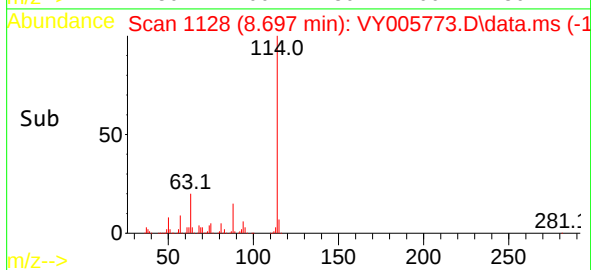
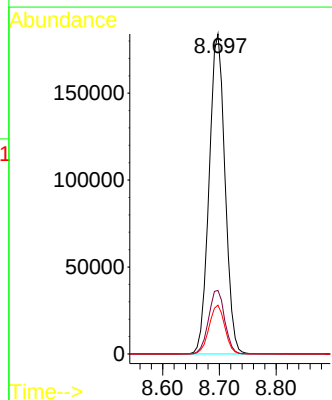
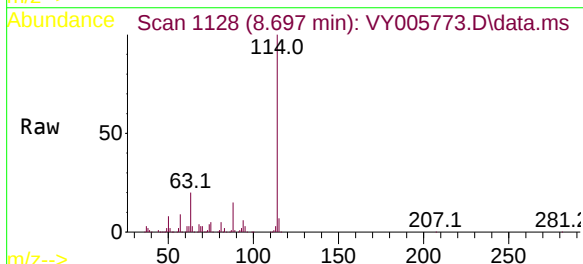
Instrument :
 MSVOA_Y
 ClientSampled :

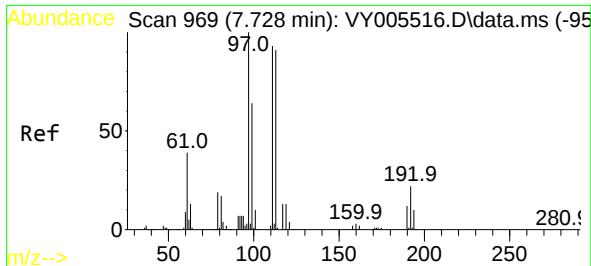
Tgt Ion: 65 Resp: 135058
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005773.D
 Acq: 19 Aug 2021 16:44

Tgt Ion: 114 Resp: 357532
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.2 0.0 30.8

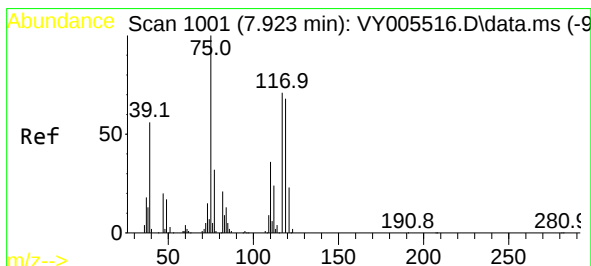
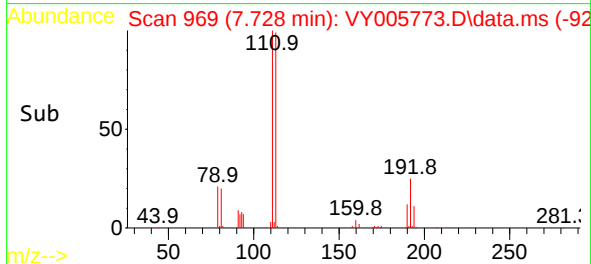
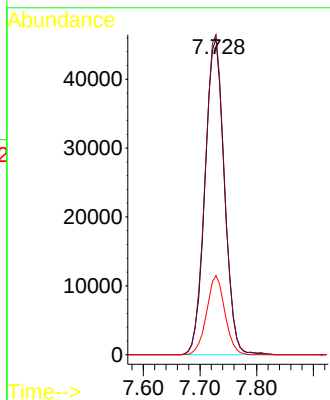
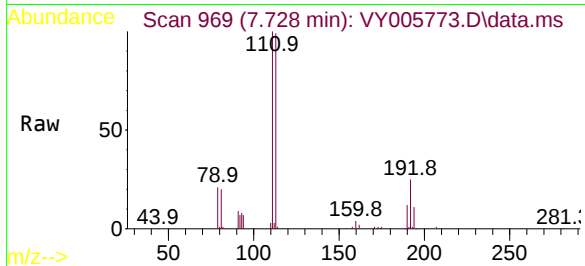




#35
Dibromofluoromethane
Concen: 54.241 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

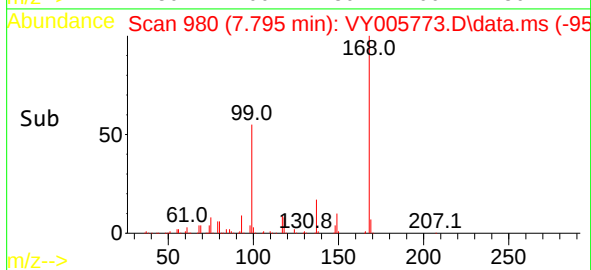
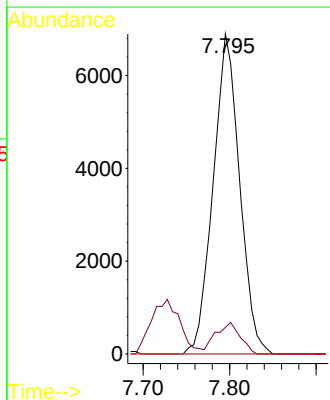
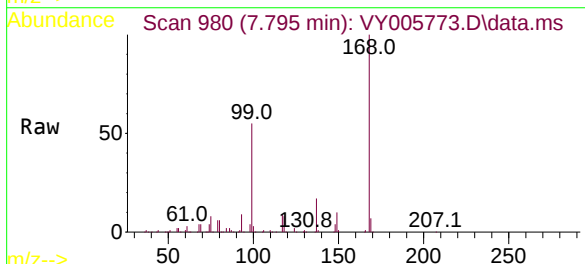
Instrument :
MSVOA_Y
ClientSampled :

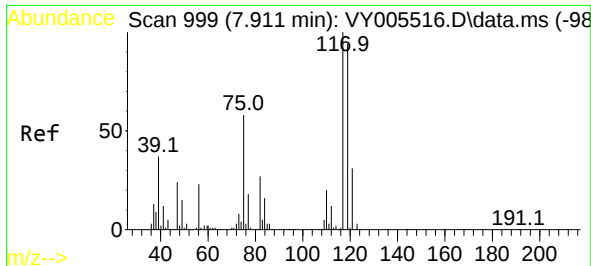
Tgt Ion:113 Resp: 108577
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Tgt Ion: 75 Resp: 14615
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#

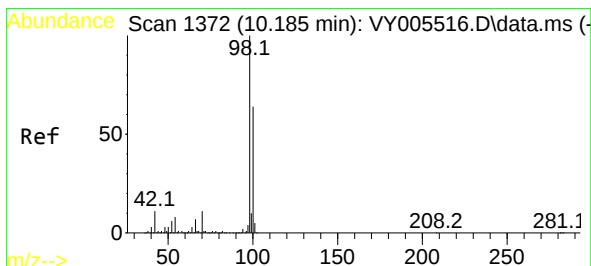
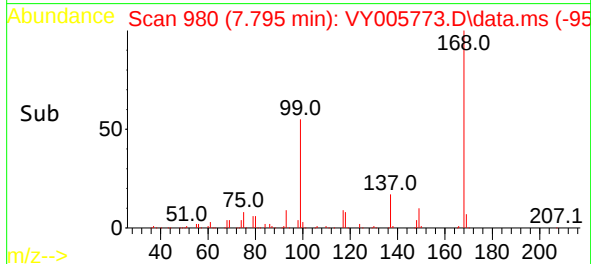
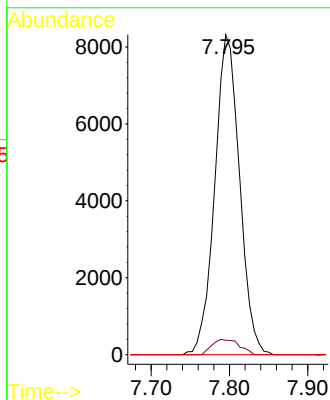
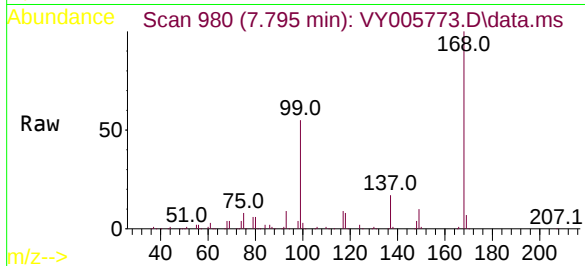




#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

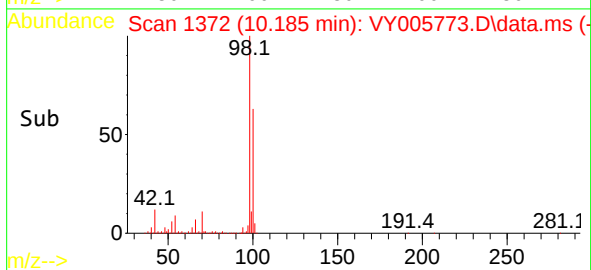
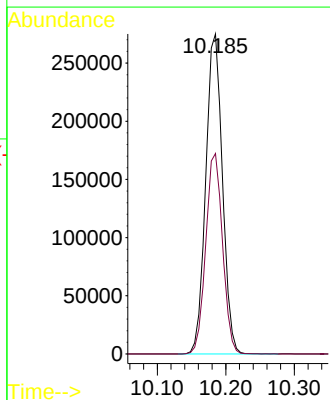
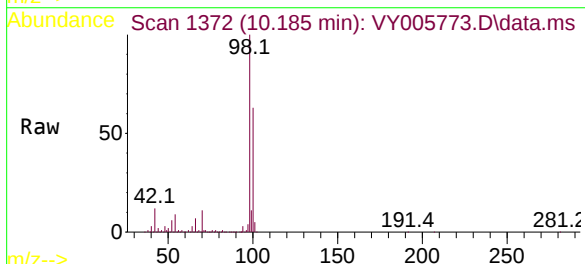
Instrument :
MSVOA_Y
ClientSampleId :

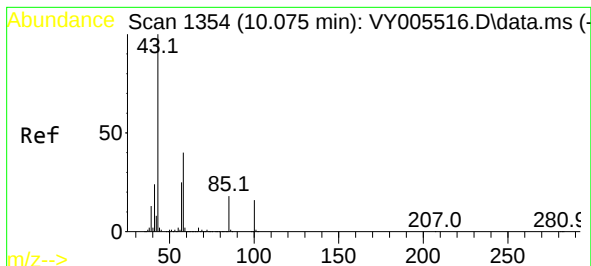
Tgt Ion:117 Resp: 18299
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.430 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Tgt Ion: 98 Resp: 465344
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

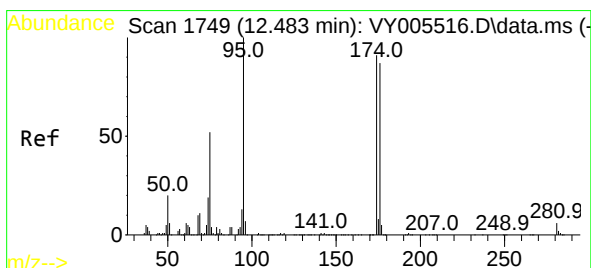
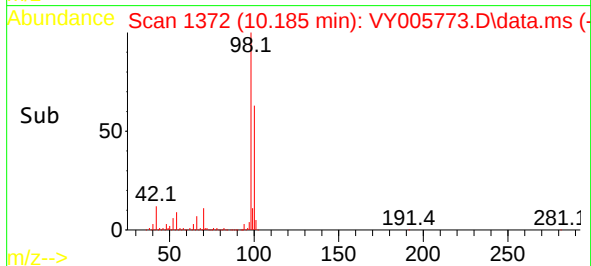
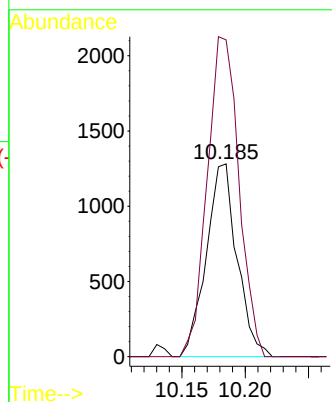
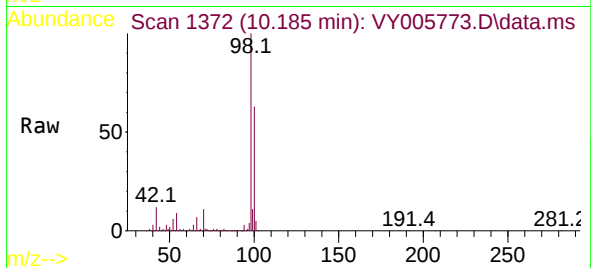




#51
4-Methyl-2-Pentanone
Concen: 1.072 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

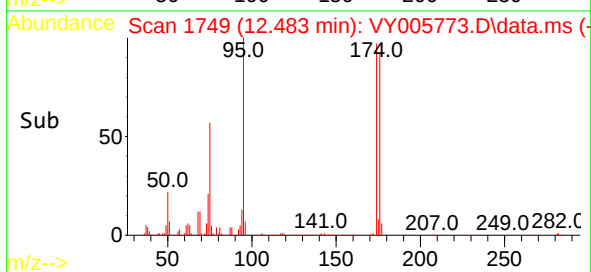
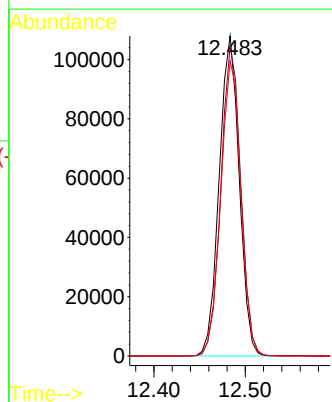
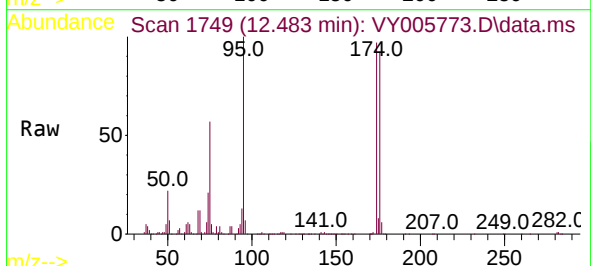
Instrument :
MSVOA_Y
ClientSampled :

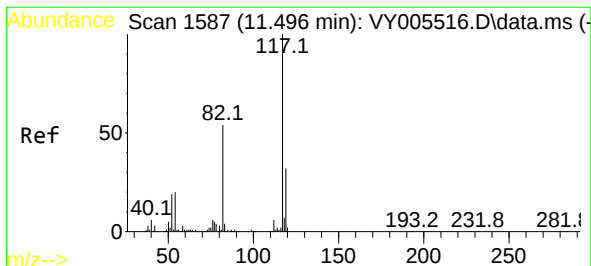
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 170.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 59.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Tgt Ion: 95 Resp: 164573
Ion Ratio Lower Upper
95 100
174 96.3 0.0 191.4
176 93.0 0.0 183.6

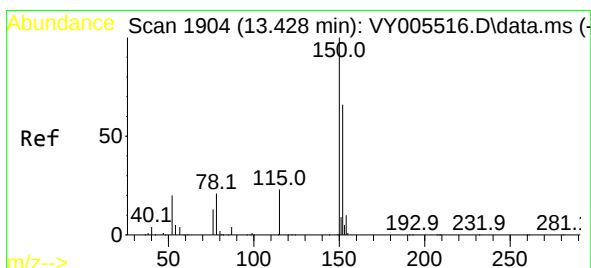
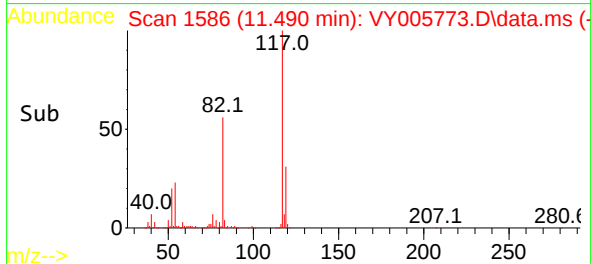
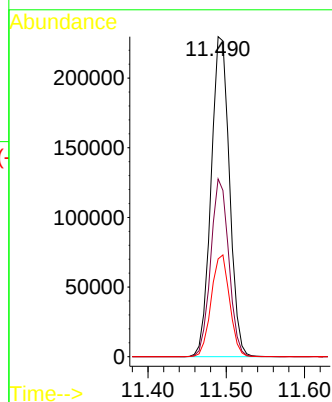
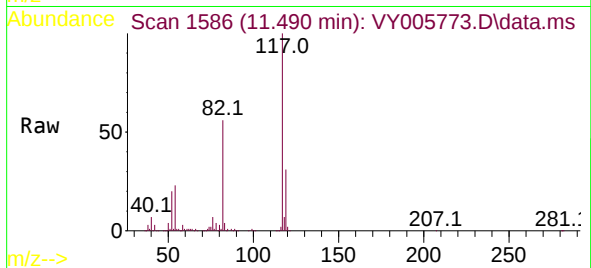




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

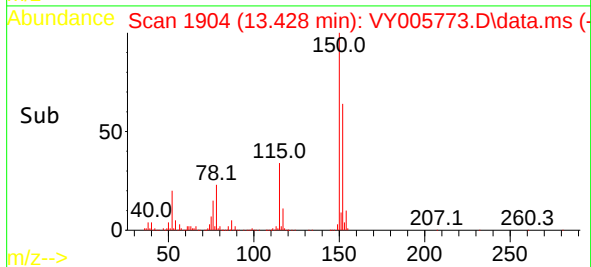
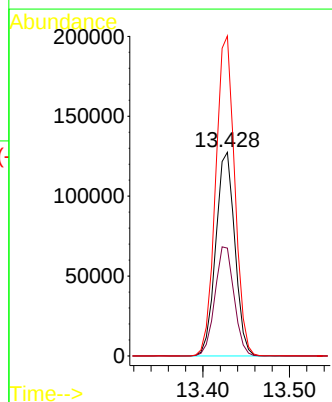
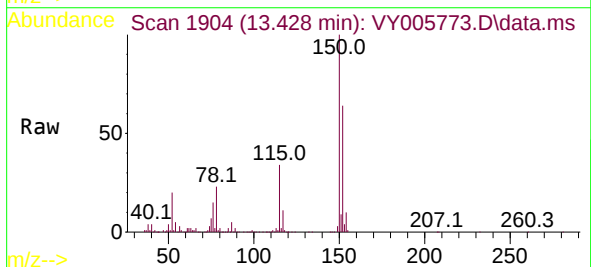
Instrument :
MSVOA_Y
ClientSampleId :

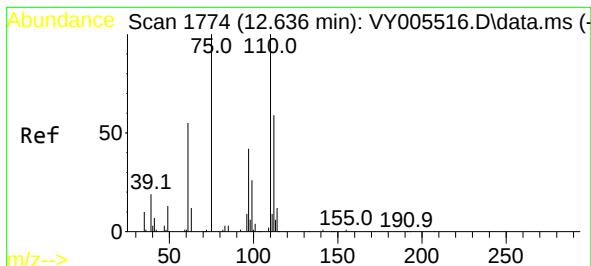
Tgt Ion:117 Resp: 374114
Ion Ratio Lower Upper
117 100
82 55.6 43.5 65.3
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Tgt Ion:152 Resp: 194920
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 156.9 0.0 350.2

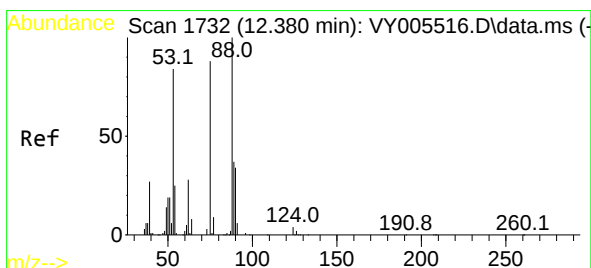
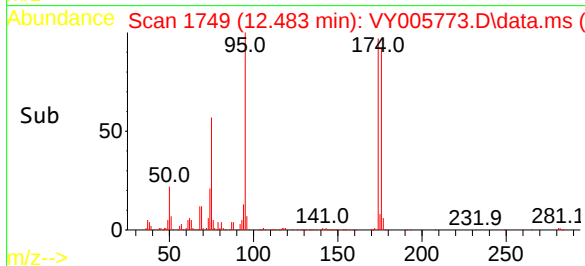
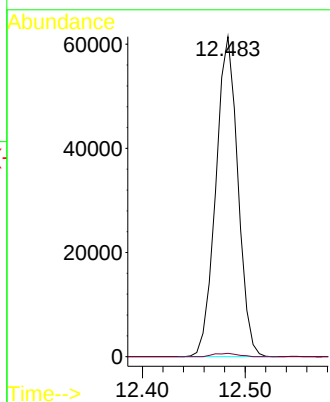
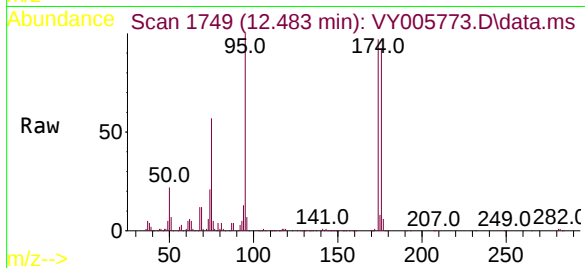




#76
1,2,3-Trichloropropane
Concen: 45.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 91554
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005773.D
Acq: 19 Aug 2021 16:44

Tgt Ion: 75 Resp: 91554
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

