

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005715.D
 Acq On : 17 Aug 2021 16:44
 Operator : SY/MD
 Sample : M3390-07
 Misc : 5.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:52:37 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)

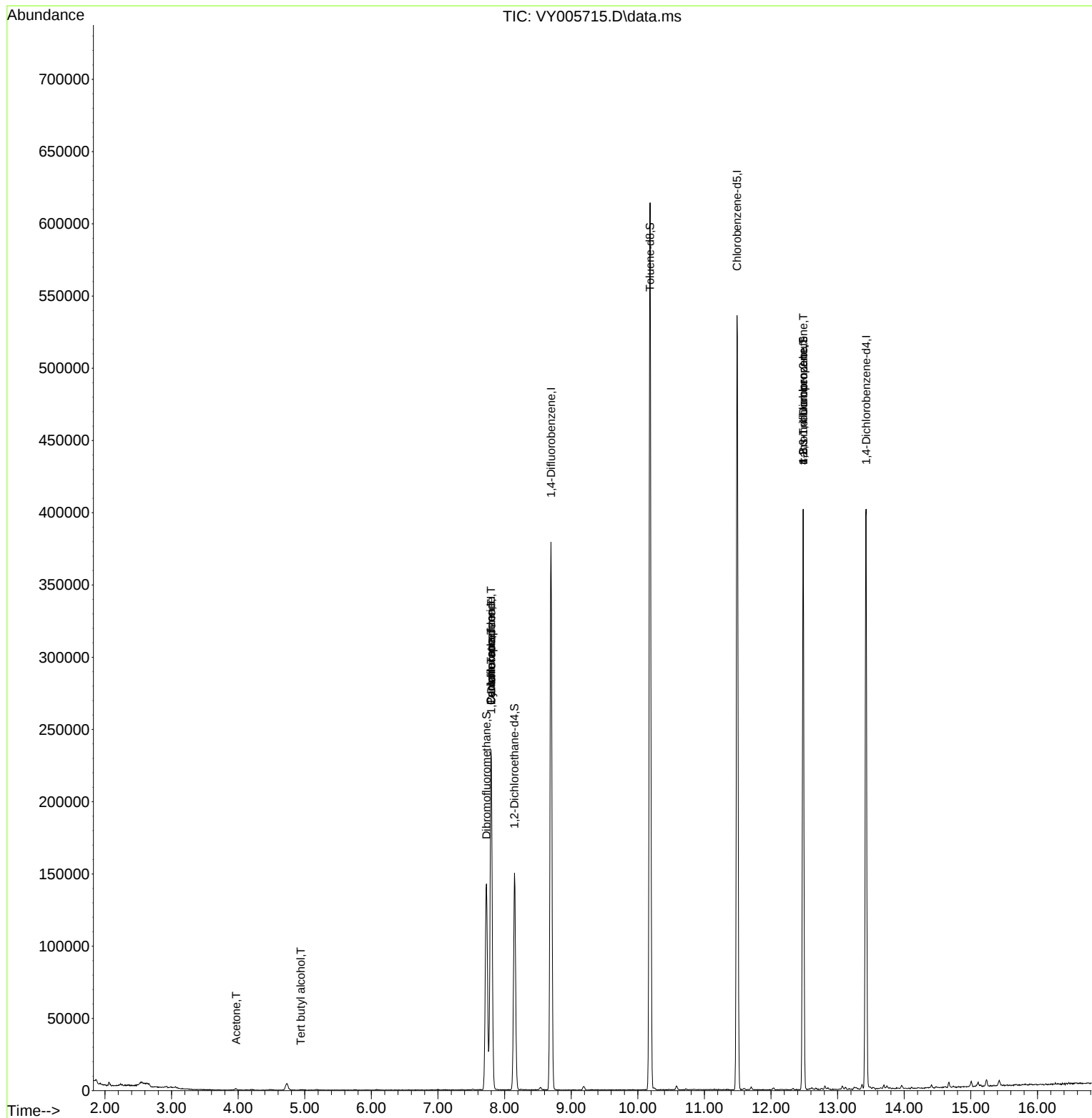
Internal Standards						
1) Pentafluorobenzene	7.795	168	190575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	118805	61.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.180%	
35) Dibromofluoromethane	7.728	113	97731	55.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.185	98	403402	54.556	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.483	95	109861	44.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	336	1.762	ug/l #	73
16) Acetone	3.972	43	1648	3.388	ug/l #	83
20) Methylene Chloride	4.722	84	3194	Below Cal	#	82
31) Cyclohexane	7.795	56	4244	1.283	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	13456	4.556	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17657	5.500	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	60667	55.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60667	112.324	ug/l #	11

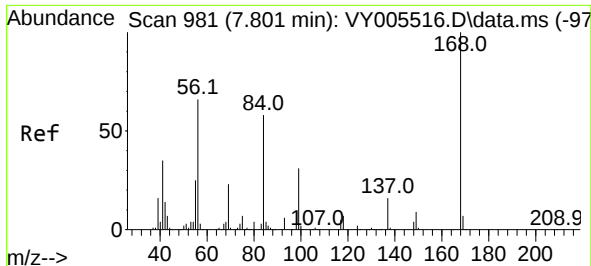
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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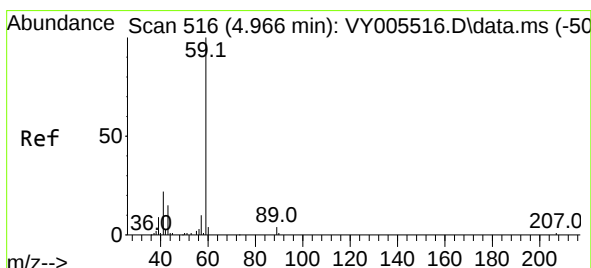
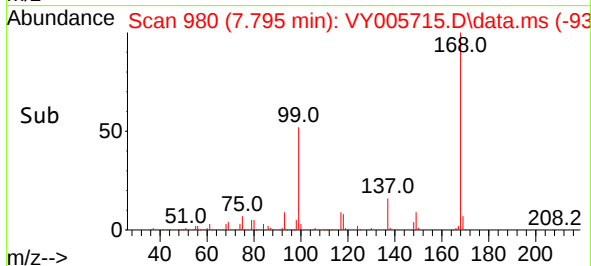
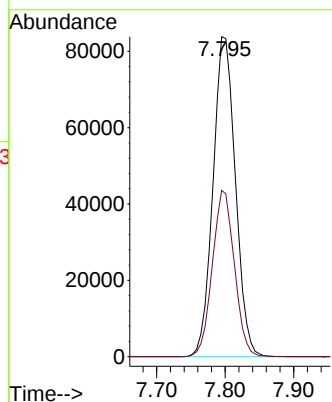
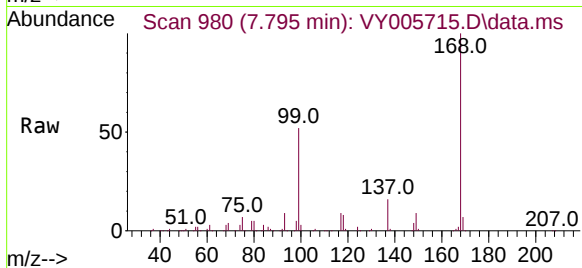




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

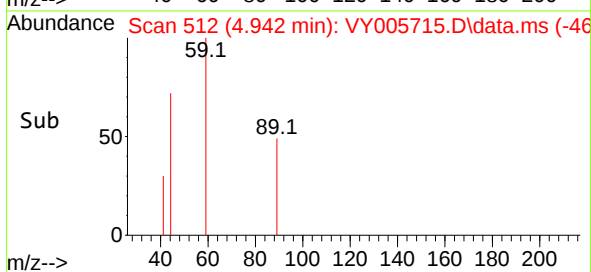
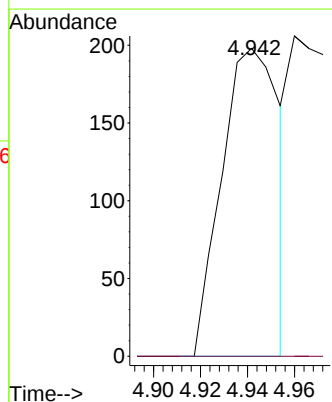
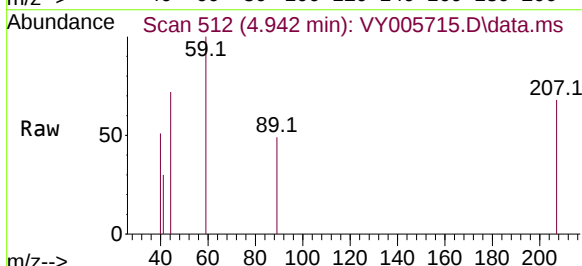
Instrument :
MSVOA_Y
ClientSampleId :

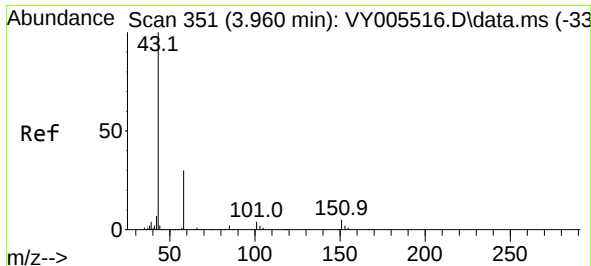
Tgt Ion:168 Resp: 190575
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.762 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.025 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

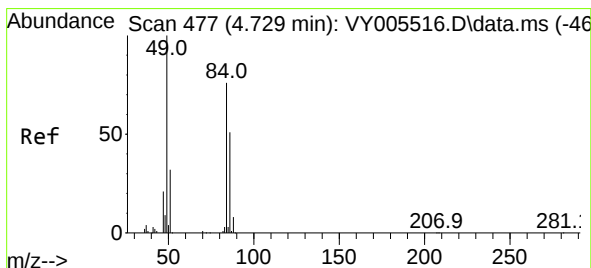
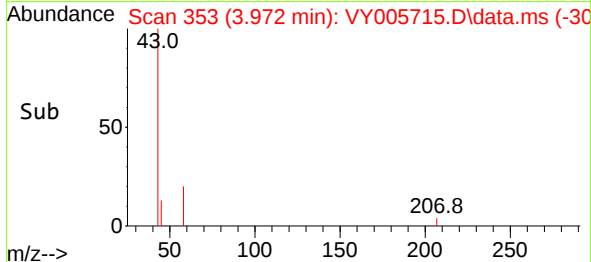
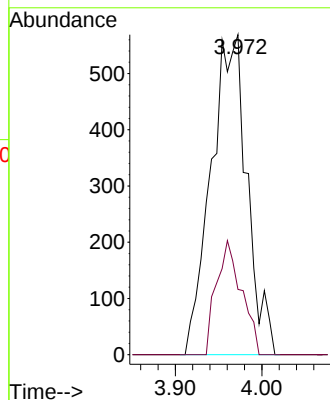
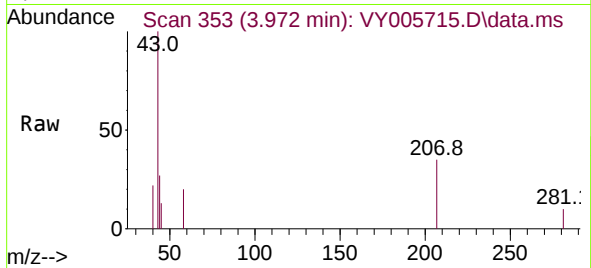




#16
Acetone
Concen: 3.388 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

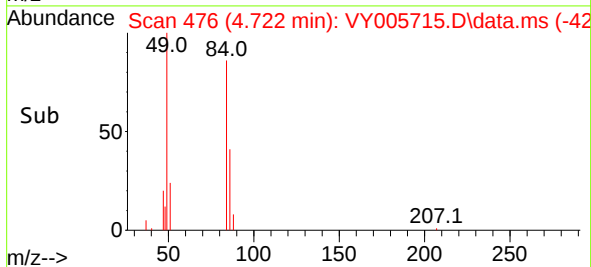
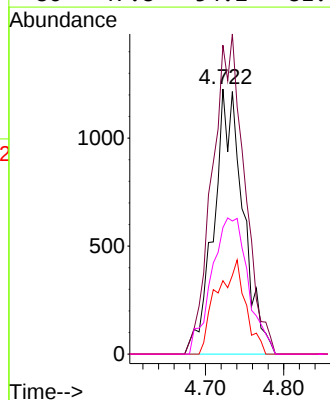
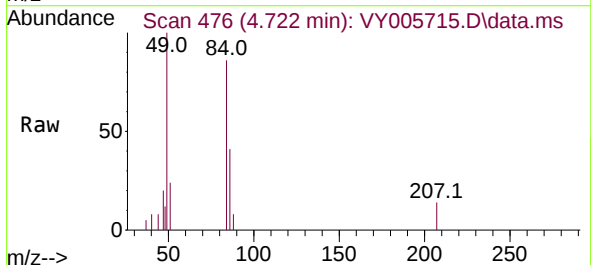
Instrument :
MSVOA_Y
ClientSampled :

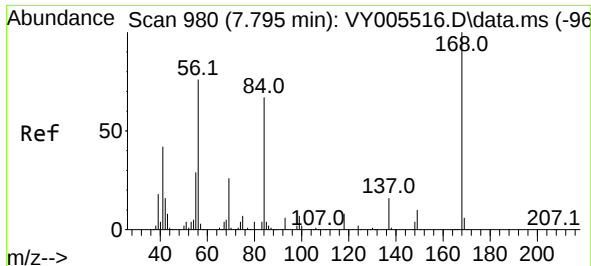
Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 20.4 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

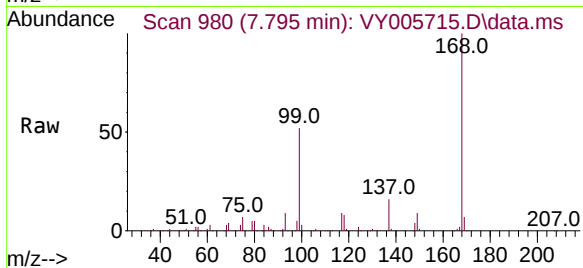
Tgt Ion: 84 Resp: 3194
Ion Ratio Lower Upper
84 100
49 116.5 105.8 158.6
51 27.7 33.4 50.2#
86 47.8 54.2 81.4#



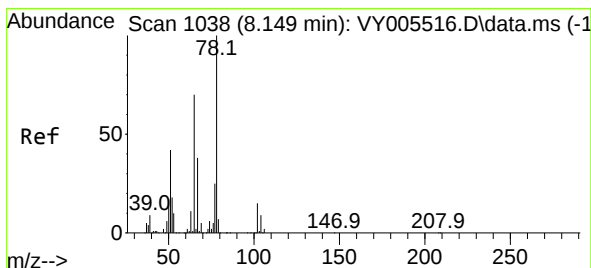
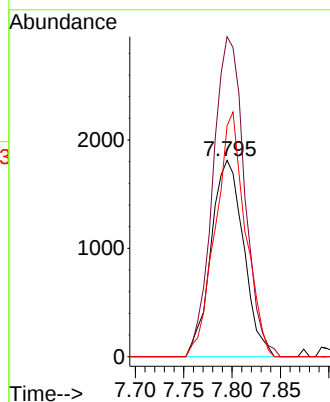
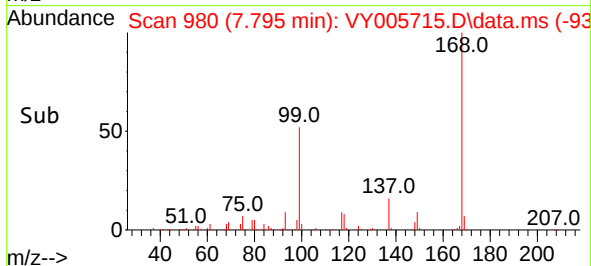


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

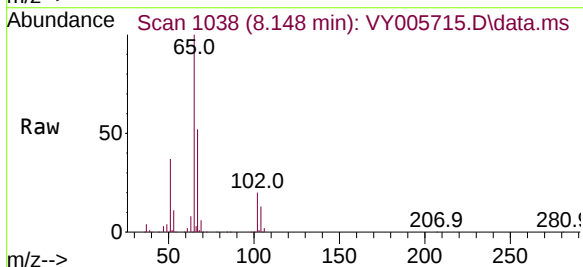
Instrument :
MSVOA_Y
ClientSampled :



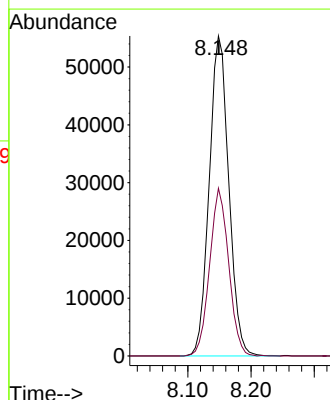
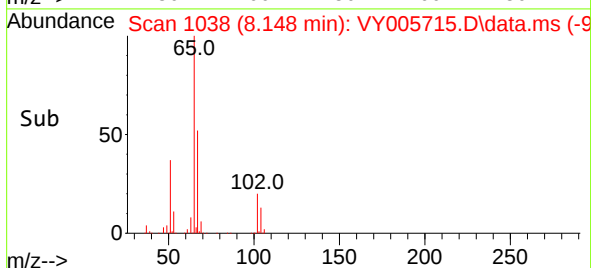
Tgt Ion: 56 Resp: 4244
Ion Ratio Lower Upper
56 100
69 163.0 27.7 41.5#
84 117.7 70.9 106.3#

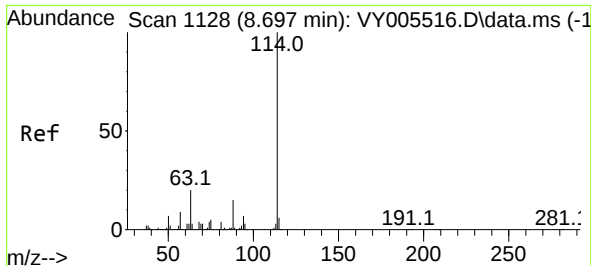


#33
1,2-Dichloroethane-d4
Concen: 61.586 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44



Tgt Ion: 65 Resp: 118805
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

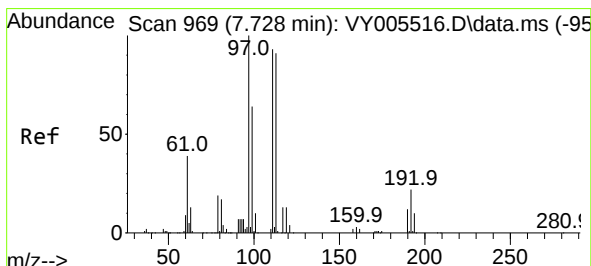
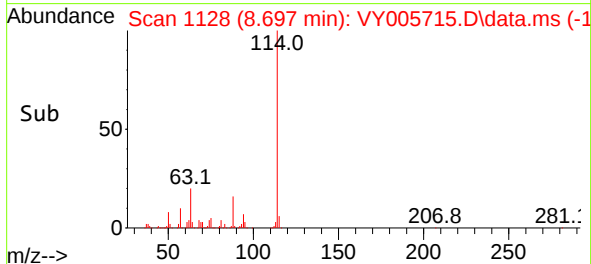
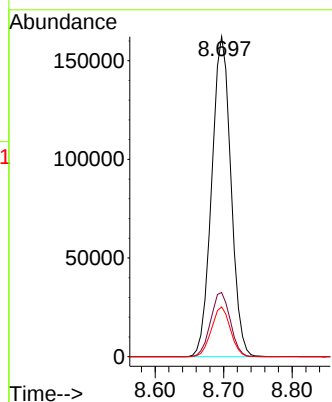
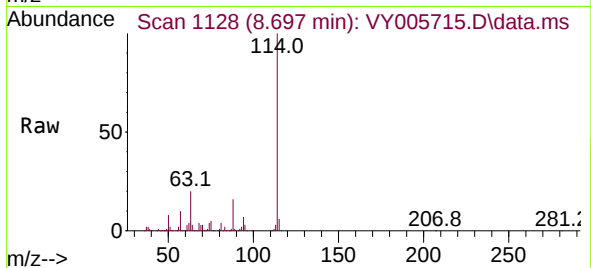




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

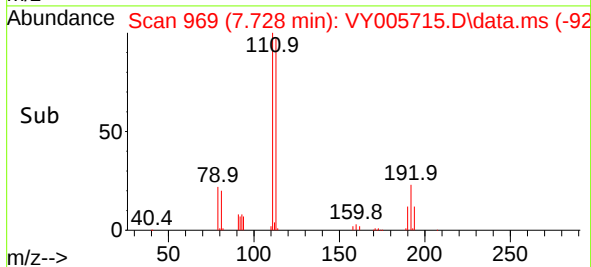
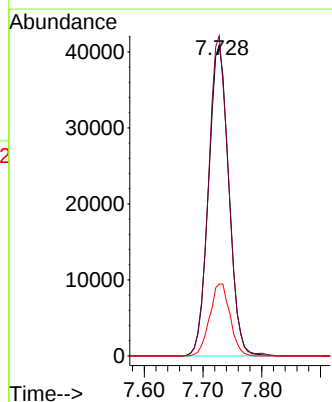
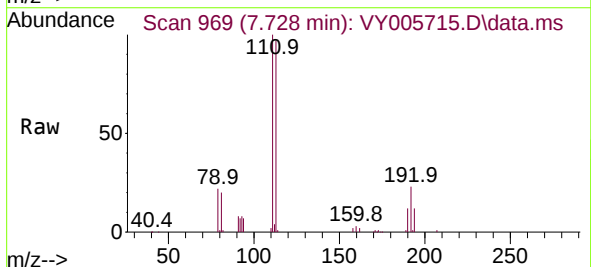
Instrument :
MSVOA_Y
ClientSampleId :

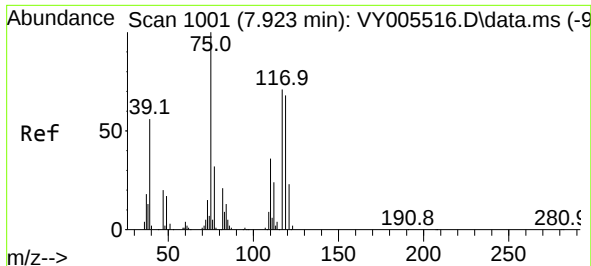
Tgt Ion:114 Resp: 314907
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.432 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion:113 Resp: 97731
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.4 19.2 28.8

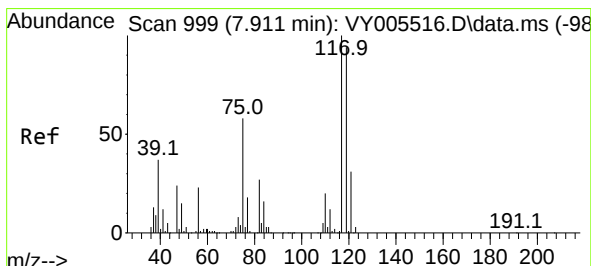
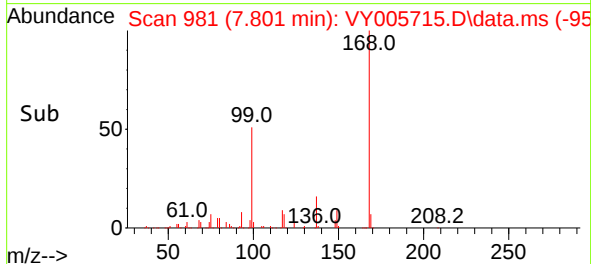
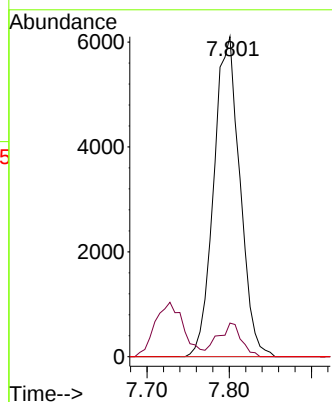
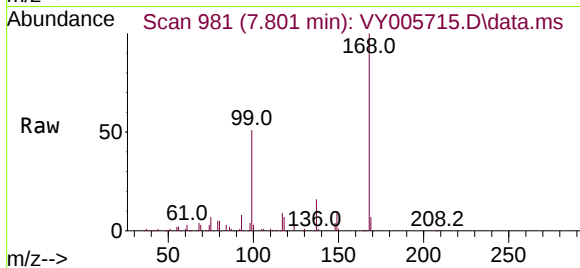




#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

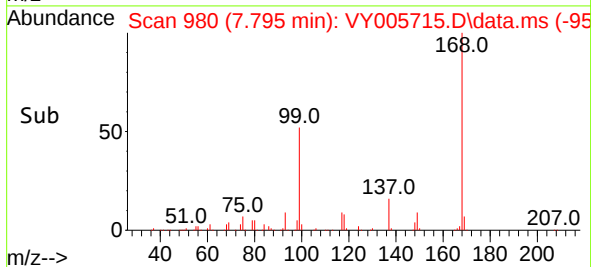
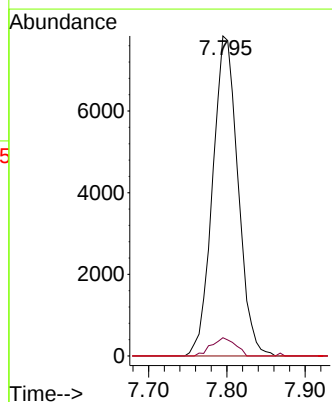
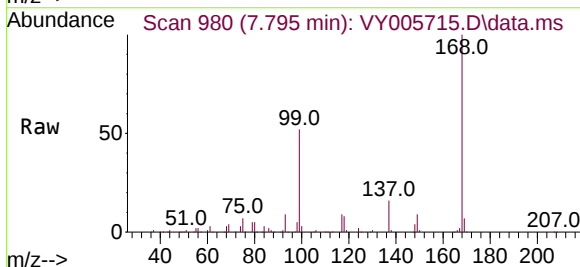
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MSVOA_Y
ClientSampleId :

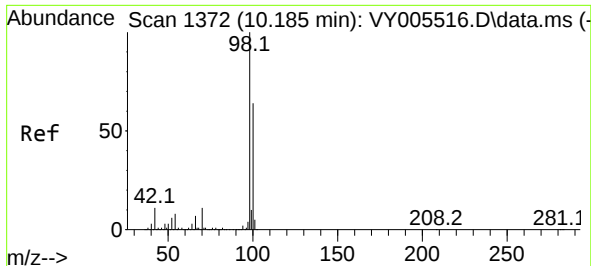
Tgt Ion:	75	Resp:	13456
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion:	117	Resp:	17657
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	25.1	37.7#

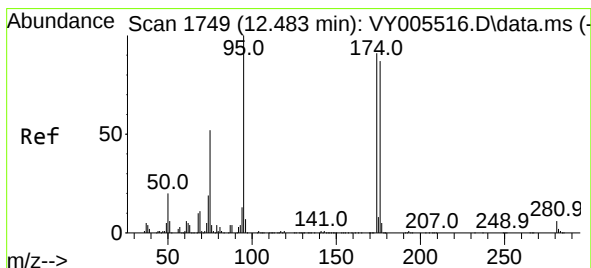
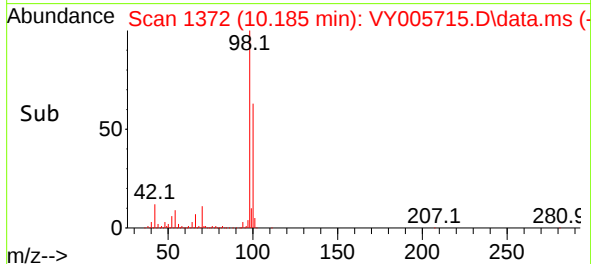
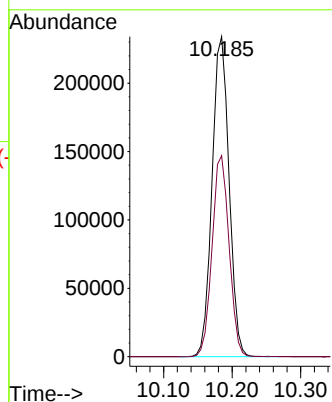
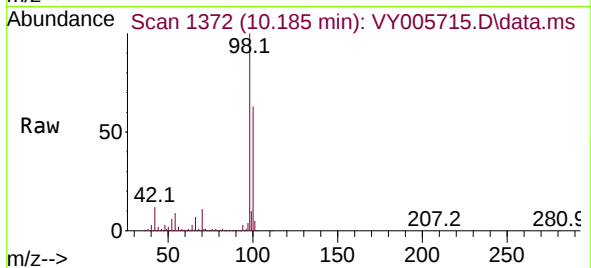




#50
Toluene-d8
Concen: 54.556 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

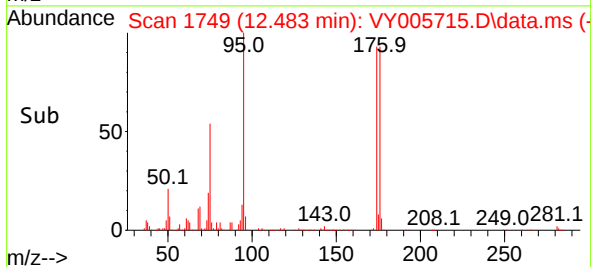
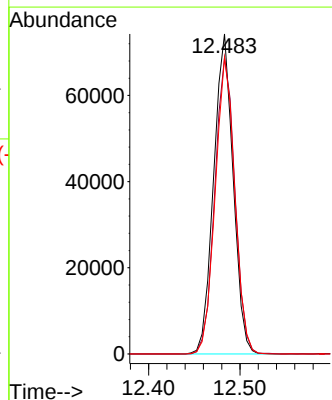
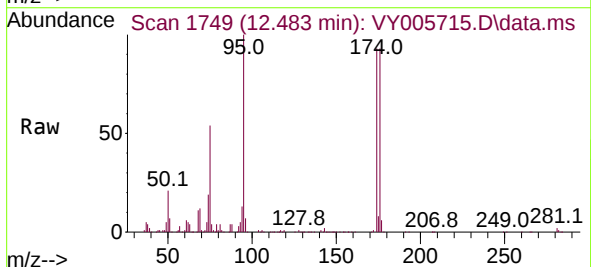
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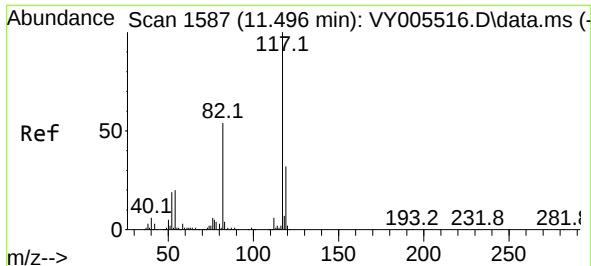
Tgt Ion: 98 Resp: 403402
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion: 95 Resp: 109861
Ion Ratio Lower Upper
95 100
174 95.3 0.0 191.4
176 92.9 0.0 183.6

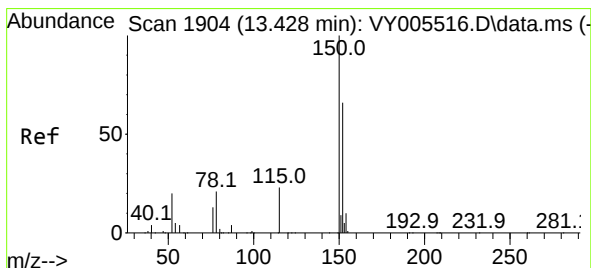
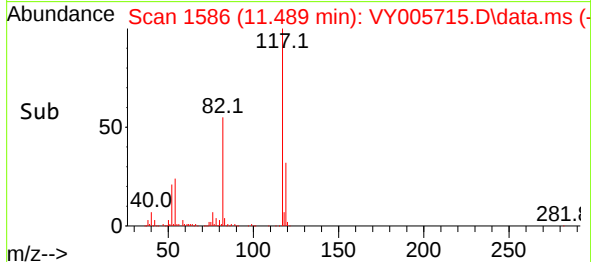
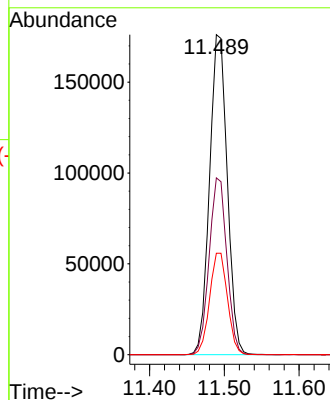
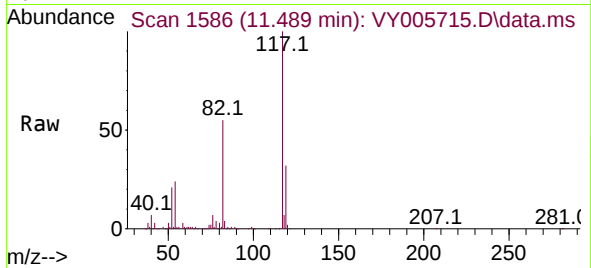




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

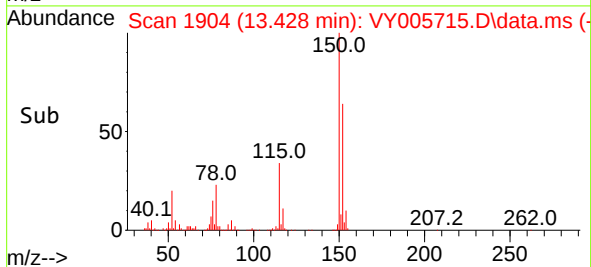
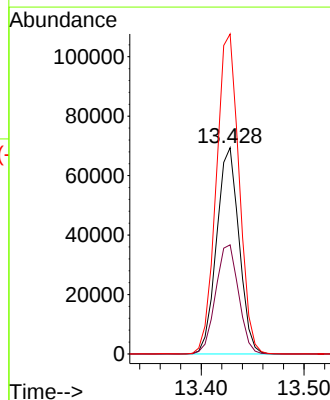
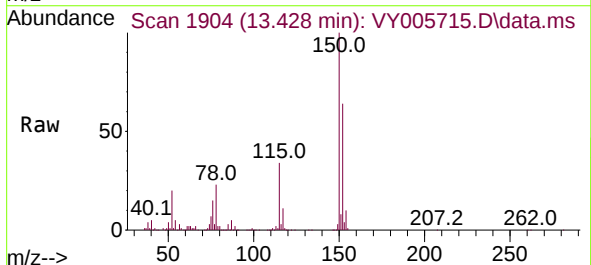
Instrument :
MSVOA_Y
ClientSampled :

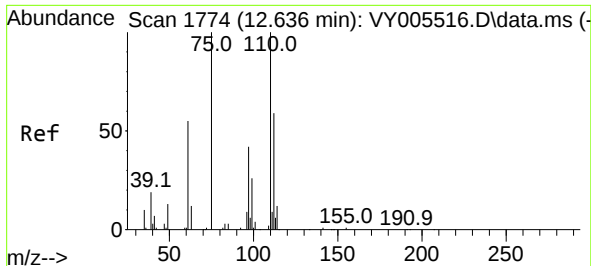
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.5	65.3
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	157.5	0.0	350.2

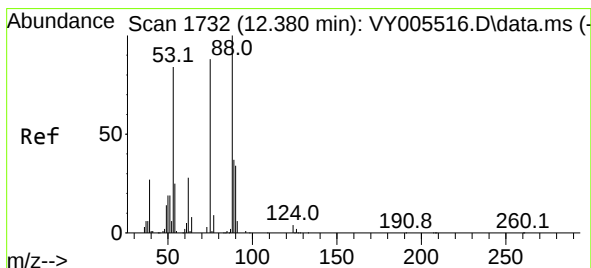
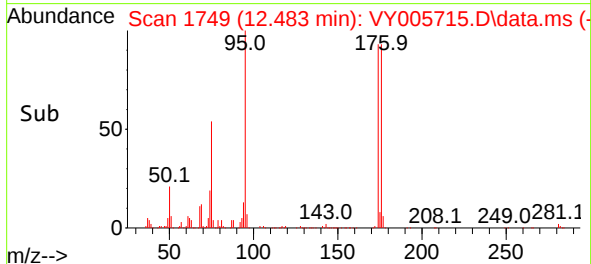
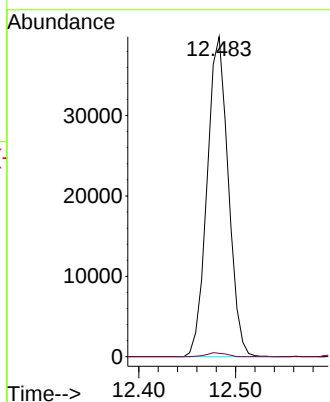
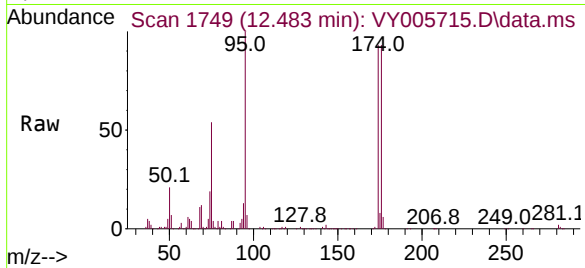




#76
1,2,3-Trichloropropane
Concen: 55.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60667
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.324 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005715.D
Acq: 17 Aug 2021 16:44

Tgt Ion: 75 Resp: 60667
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

