

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005298.D
 Acq On : 30 Jun 2021 15:18
 Operator : SY/MD
 Sample : M2895-03
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jul 01 06:38:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

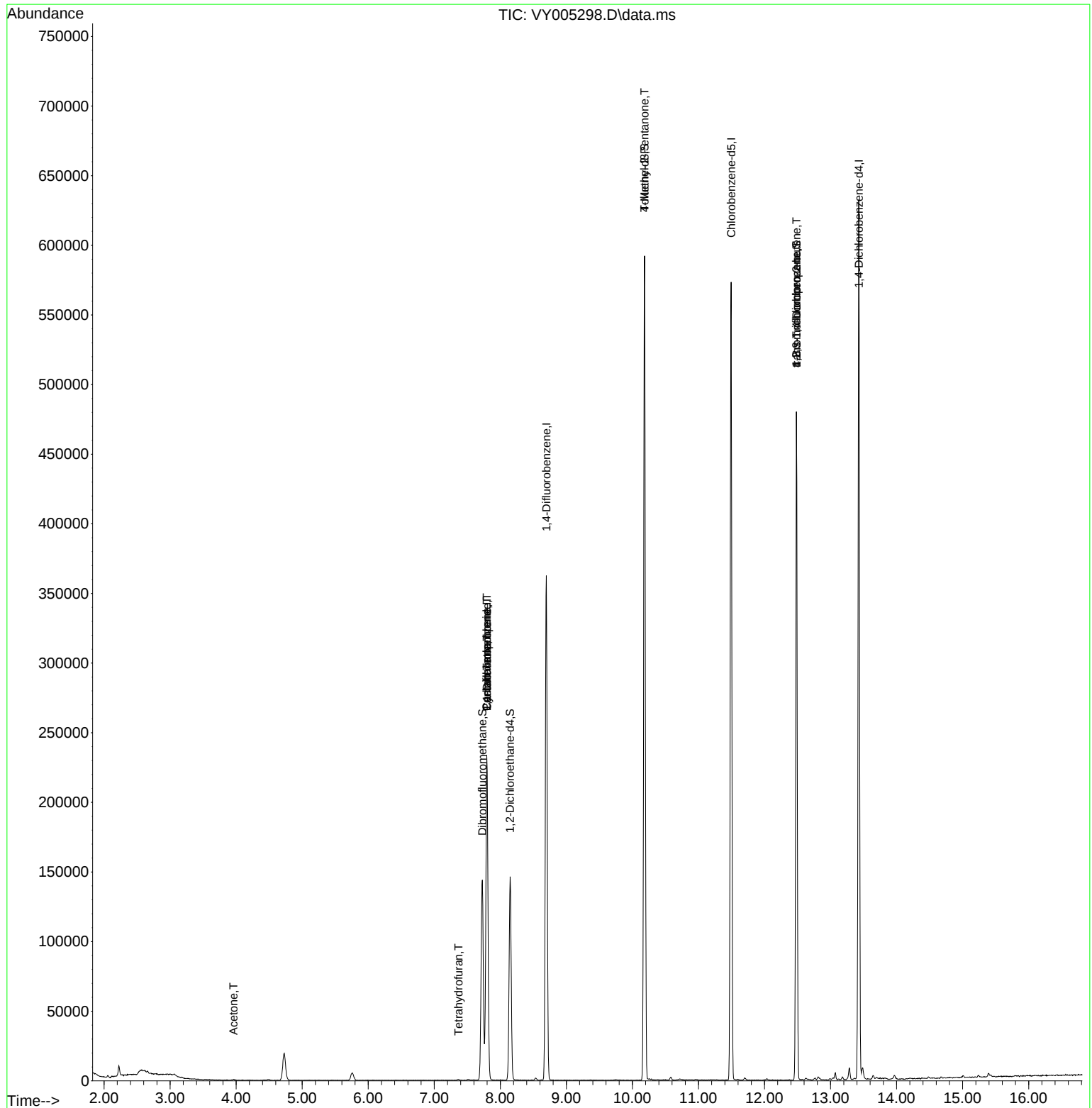
Internal Standards						
1) Pentafluorobenzene	7.795	168	197369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	325510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113637	69.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.760%	
35) Dibromofluoromethane	7.728	113	101571	54.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.185	98	394944	52.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.483	95	139412	55.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	41	Below Cal	#	77
16) Acetone	3.960	43	837	2.212	ug/l	99
20) Methylene Chloride	4.728	84	14822	Below Cal		95
29) Tetrahydrofuran	7.368	42	429	1.182	ug/l	# 36
31) Cyclohexane	7.795	56	3316	1.134	ug/l	# 14
36) 1,1-Dichloropropene	7.795	75	12642	4.510	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	16568	5.647	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.185	43	1506	1.083	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	68615	45.675	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	68615	85.219	ug/l	# 17

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

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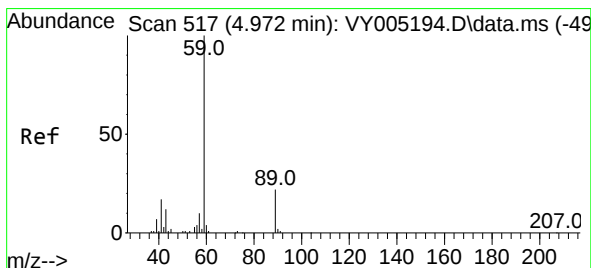
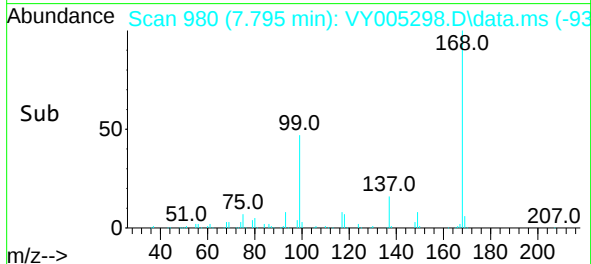
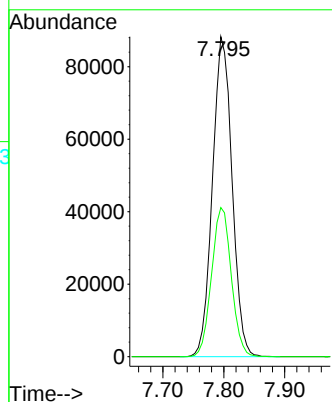
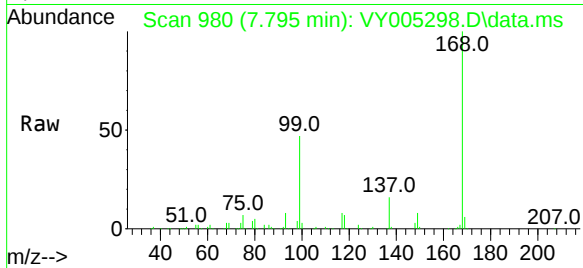




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

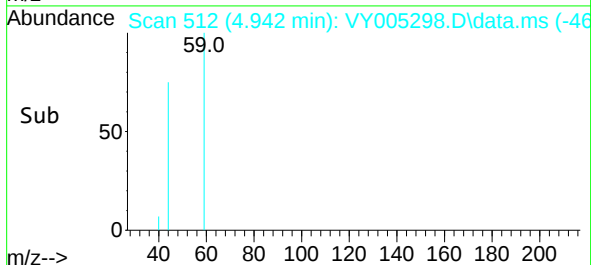
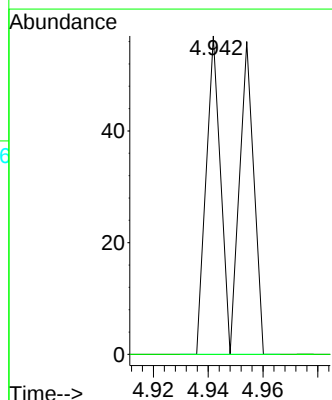
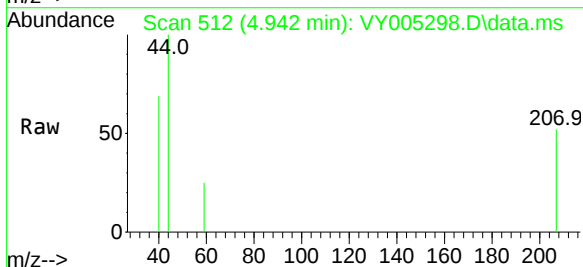
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

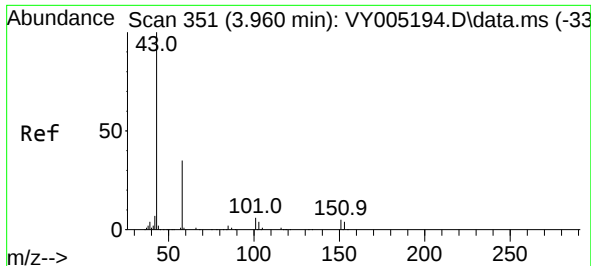
Tgt Ion:168 Resp: 197369
Ion Ratio Lower Upper
168 100
99 46.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

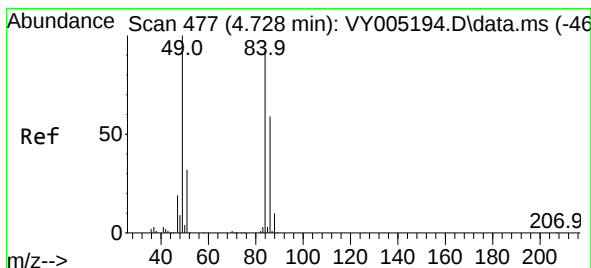
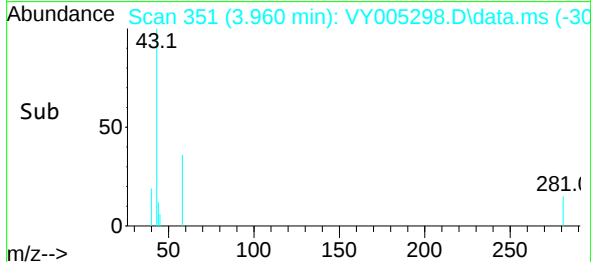
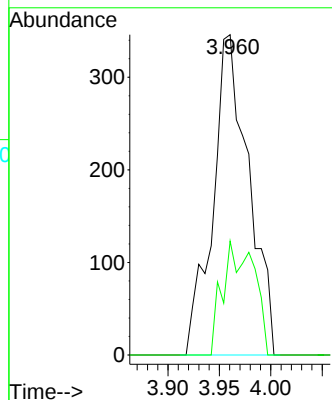
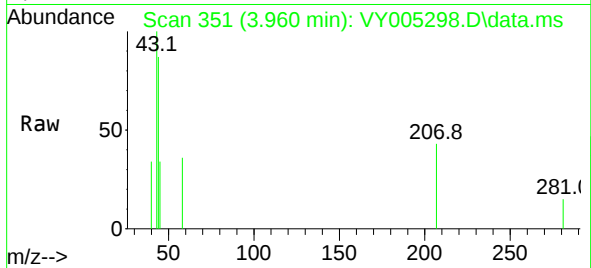




#16
Acetone
Concen: 2.212 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

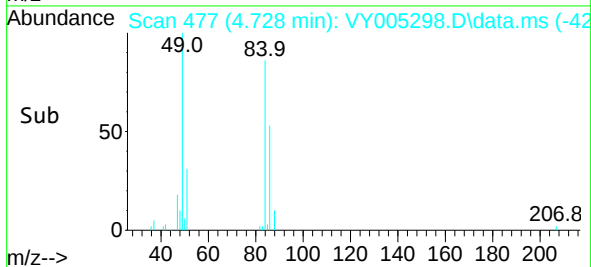
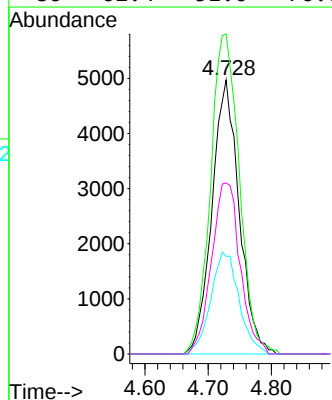
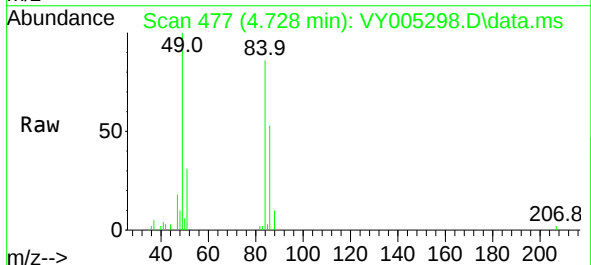
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

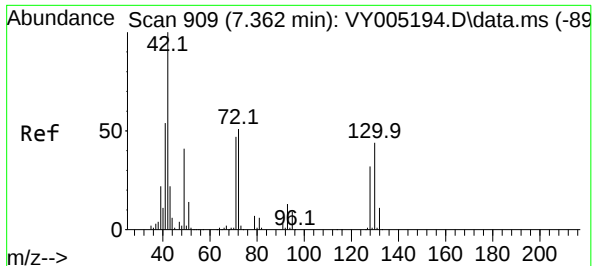
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 84 Resp: 14822
Ion Ratio Lower Upper
84 100
49 116.7 86.9 130.3
51 35.6 27.4 41.2
86 62.4 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.182 ug/l

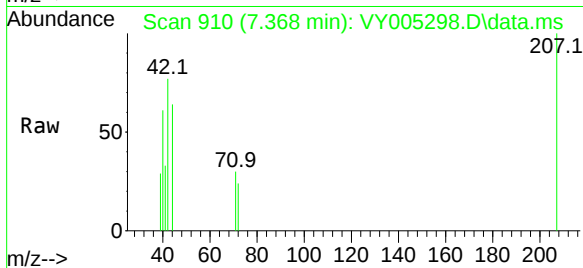
RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

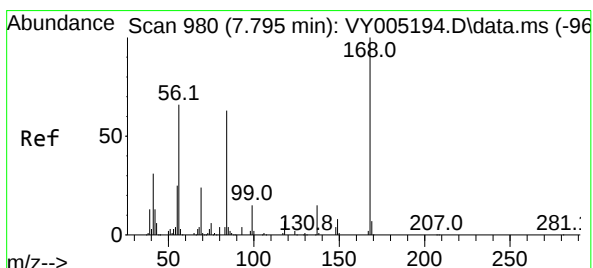
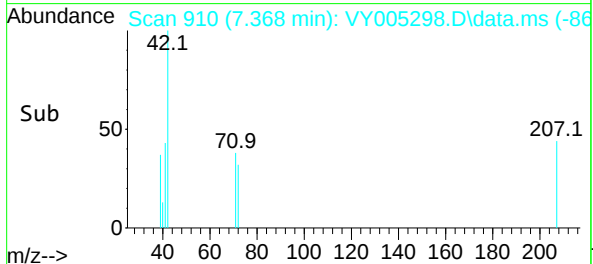
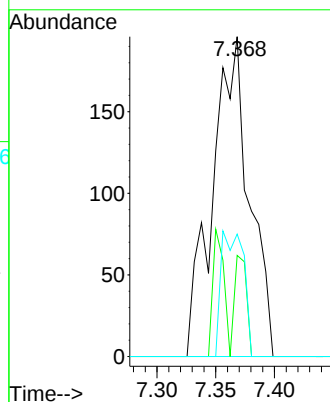
Lab File: VY005298.D

Acq: 30 Jun 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3



Tgt Ion:	42	Resp:	429
Ion	Ratio	Lower	Upper
42	100		
72	10.3	40.9	61.3#
71	0.0	37.9	56.9#



#31

Cyclohexane

Concen: 1.134 ug/l

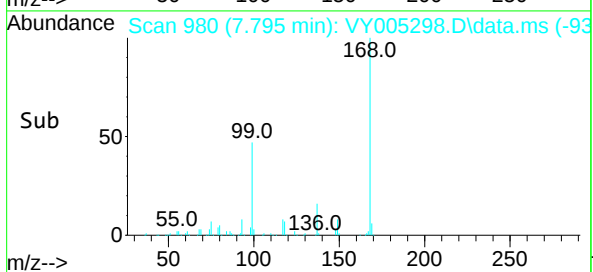
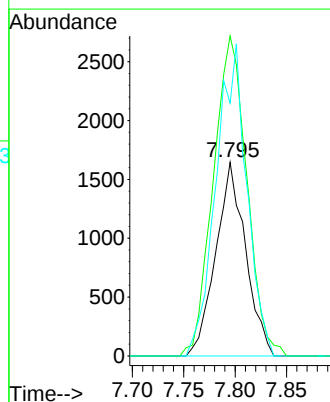
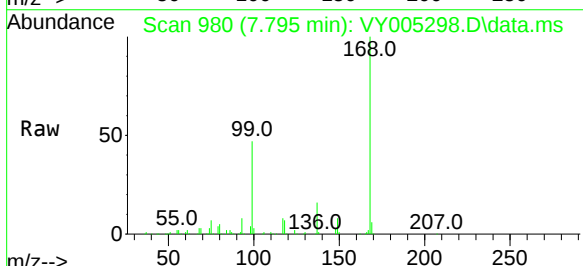
RT: 7.795 min Scan# 980

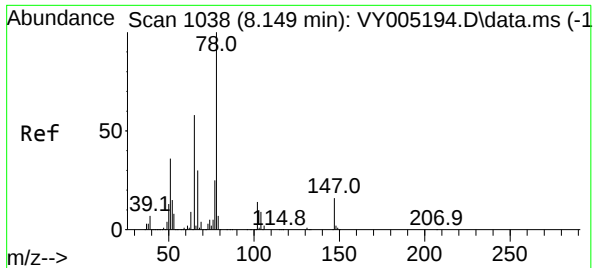
Delta R.T. 0.000 min

Lab File: VY005298.D

Acq: 30 Jun 2021 15:18

Tgt Ion:	56	Resp:	3316
Ion	Ratio	Lower	Upper
56	100		
69	165.3	29.6	44.4#
84	130.6	76.4	114.6#

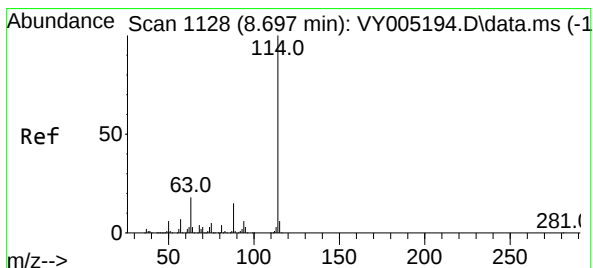
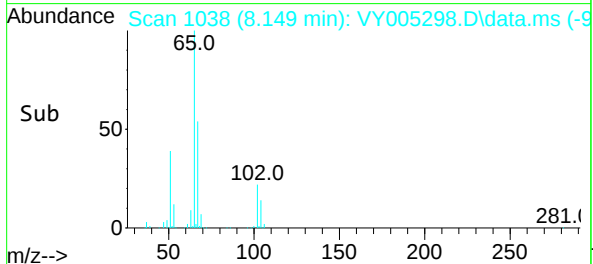
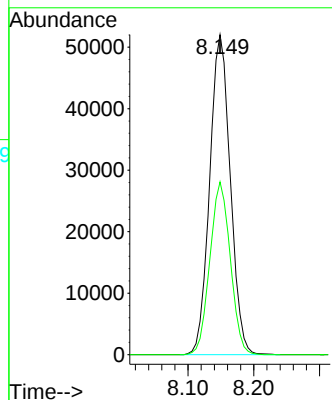
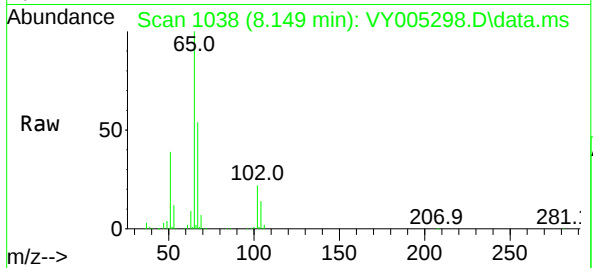




#33
 1,2-Dichloroethane-d4
 Concen: 69.381 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005298.D
 Acq: 30 Jun 2021 15:18

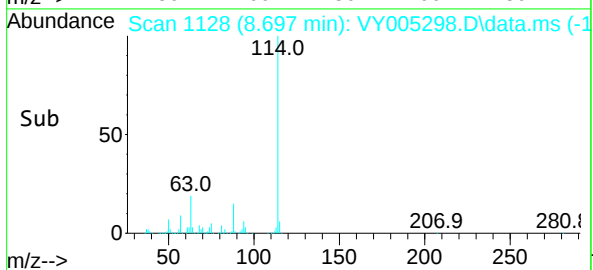
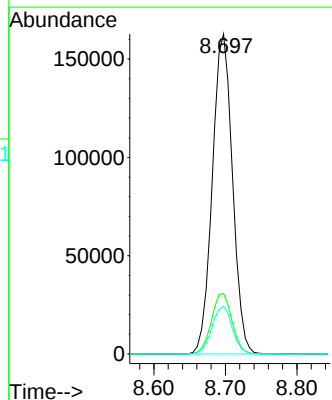
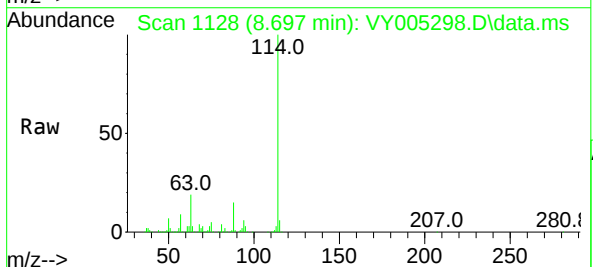
Instrument :
 MSVOA_Y
 ClientSampled :
 COMP-3

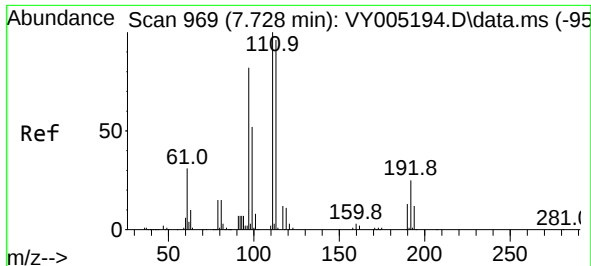
Tgt Ion: 65 Resp: 113637
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005298.D
 Acq: 30 Jun 2021 15:18

Tgt Ion:114 Resp: 318316
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.2
 88 14.9 0.0 29.4

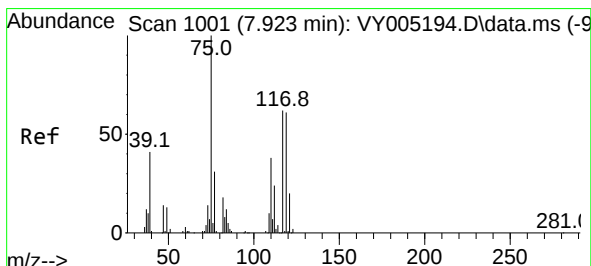
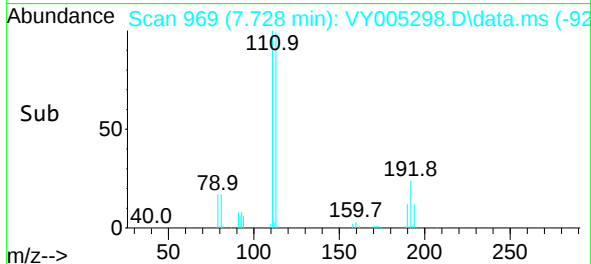
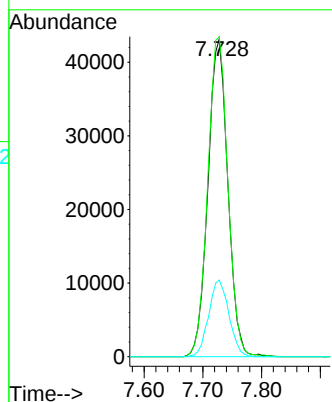
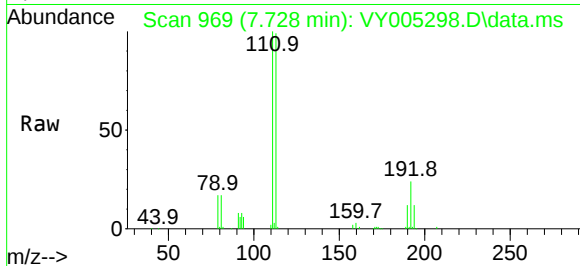




#35
Dibromofluoromethane
Concen: 54.105 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

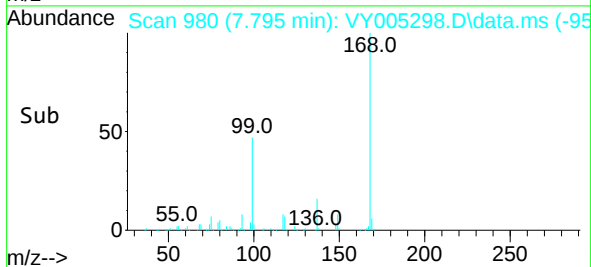
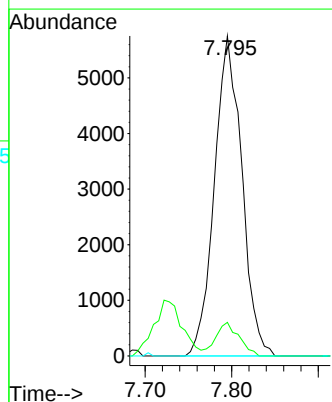
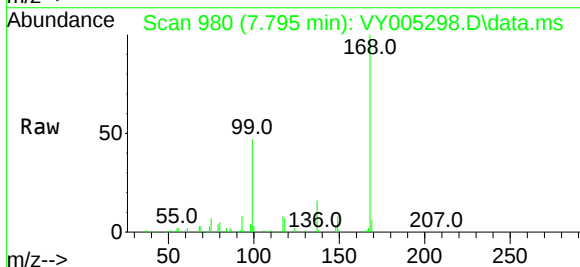
Instrument :
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ClientSampleId :
COMP-3

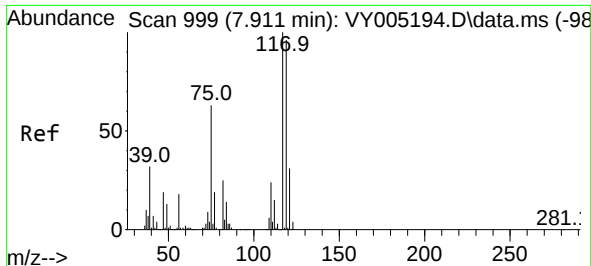
Tgt Ion:113 Resp: 101571
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 24.5 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.510 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 75 Resp: 12642
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.5#
77 0.0 25.2 37.8#

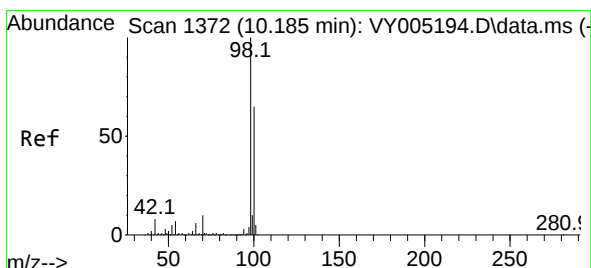
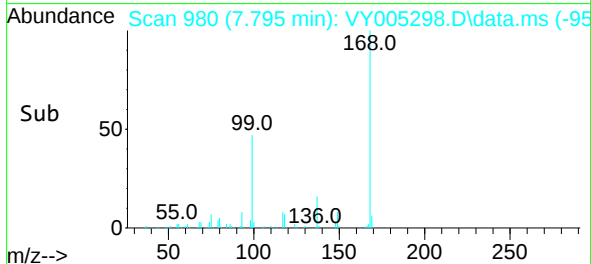
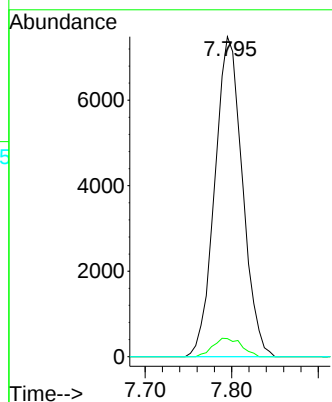
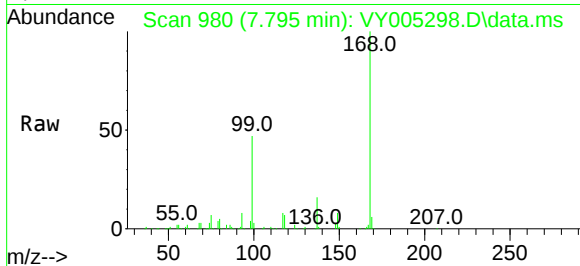




#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

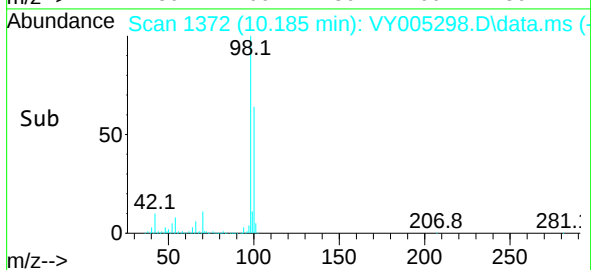
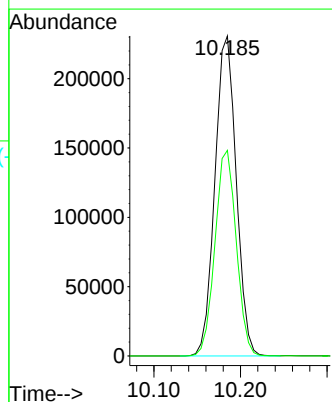
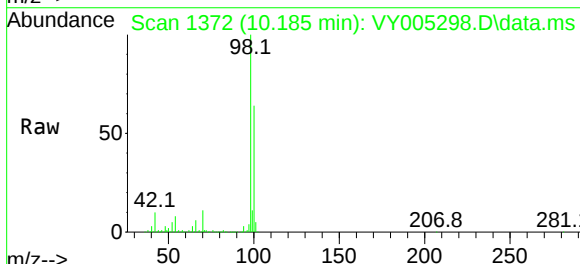
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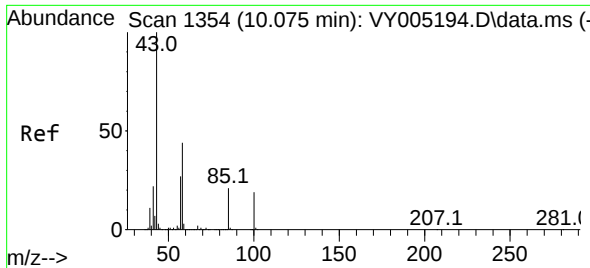
Tgt Ion:117 Resp: 16568
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.607 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 98 Resp: 394944
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

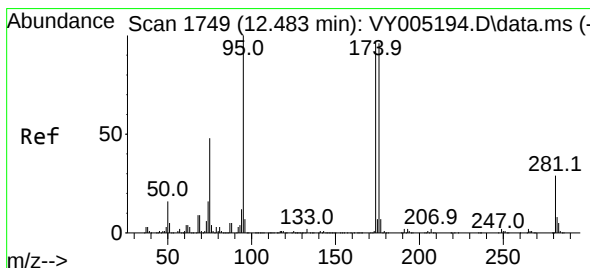
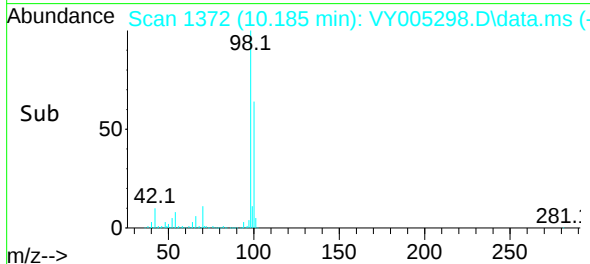
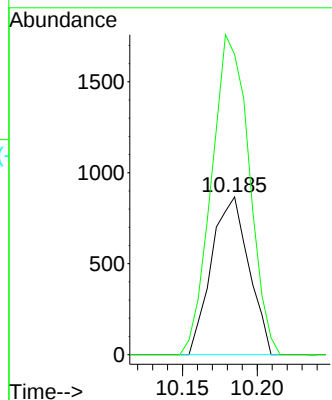
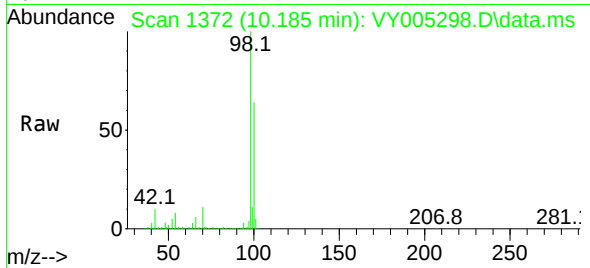




#51
4-Methyl-2-Pentanone
Concen: 1.083 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

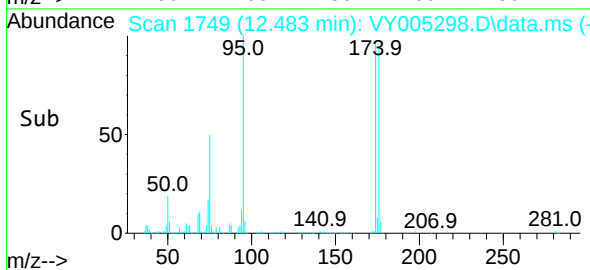
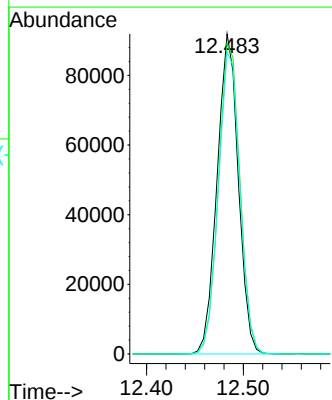
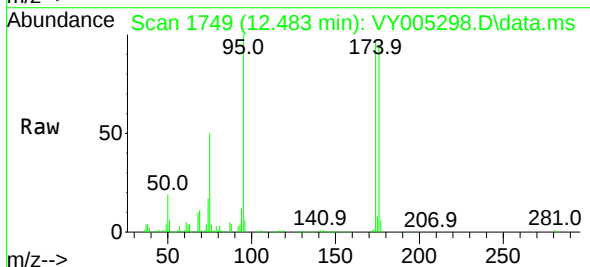
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

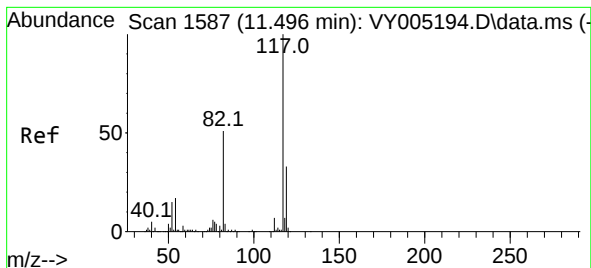
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 203.6 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 55.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 95 Resp: 139412
Ion Ratio Lower Upper
95 100
174 98.7 0.0 201.6
176 96.0 0.0 197.4

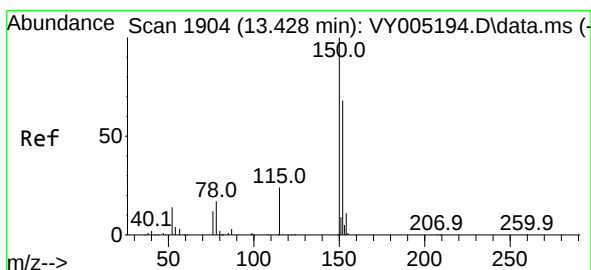
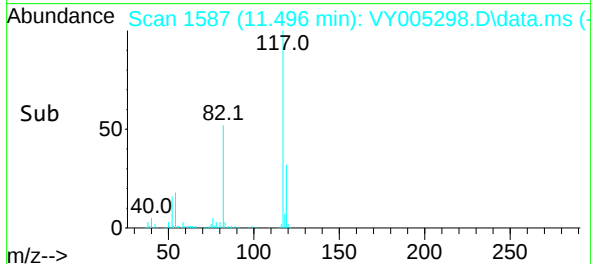
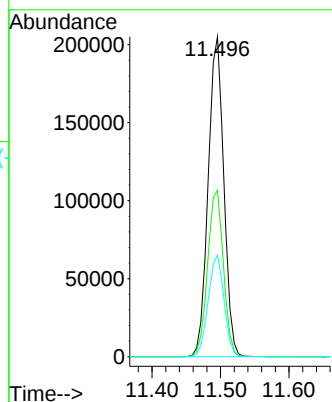
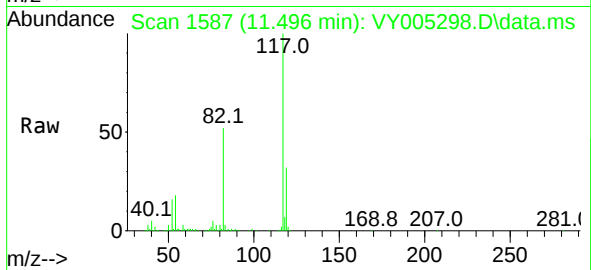




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

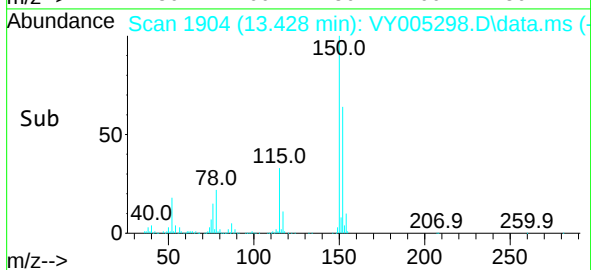
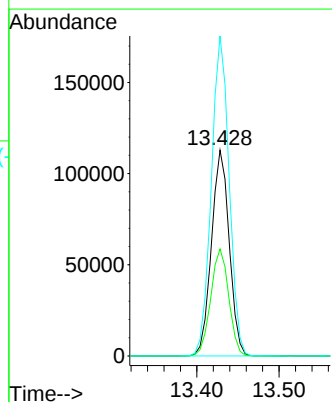
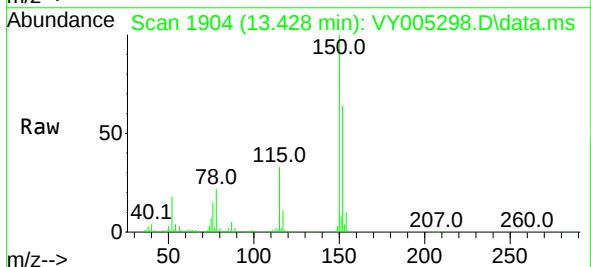
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

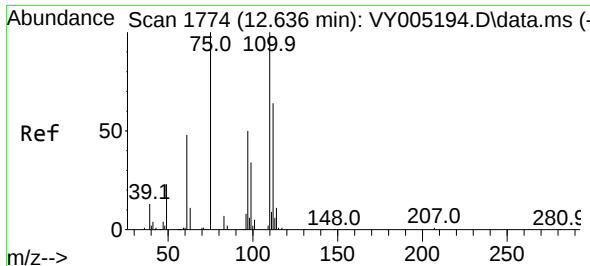
Tgt Ion:117 Resp: 325510
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion:152 Resp: 169383
Ion Ratio Lower Upper
152 100
115 52.6 26.3 78.8
150 155.7 0.0 344.2

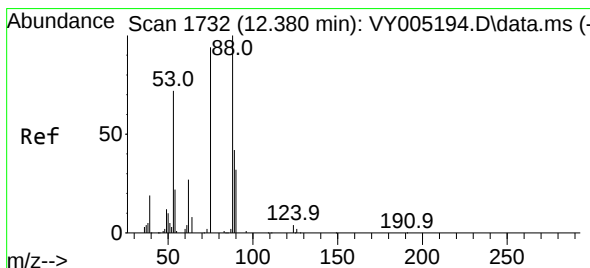
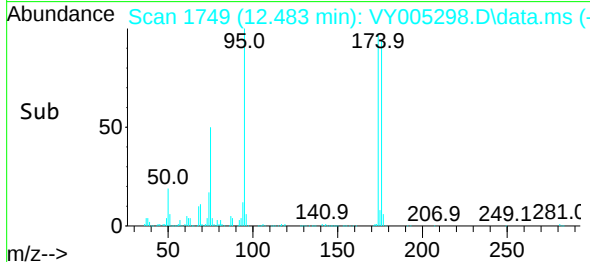
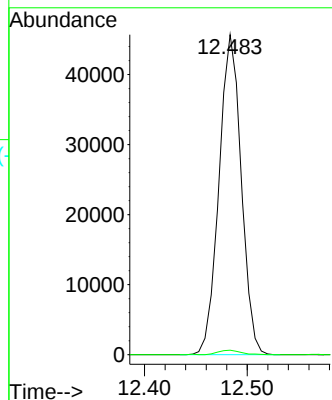
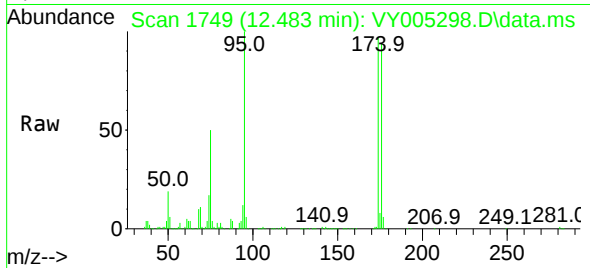




#76
1,2,3-Trichloropropane
Concen: 45.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Instrument :
MSVOA_Y
ClientSampled :
COMP-3

Tgt Ion: 75 Resp: 68615
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.219 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005298.D
Acq: 30 Jun 2021 15:18

Tgt Ion: 75 Resp: 68615
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 38.0 57.0#

