

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005301.D
 Acq On : 30 Jun 2021 16:28
 Operator : SY/MD
 Sample : M2856-19
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-9.5-10.0

Quant Time: Jul 01 06:39:11 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)

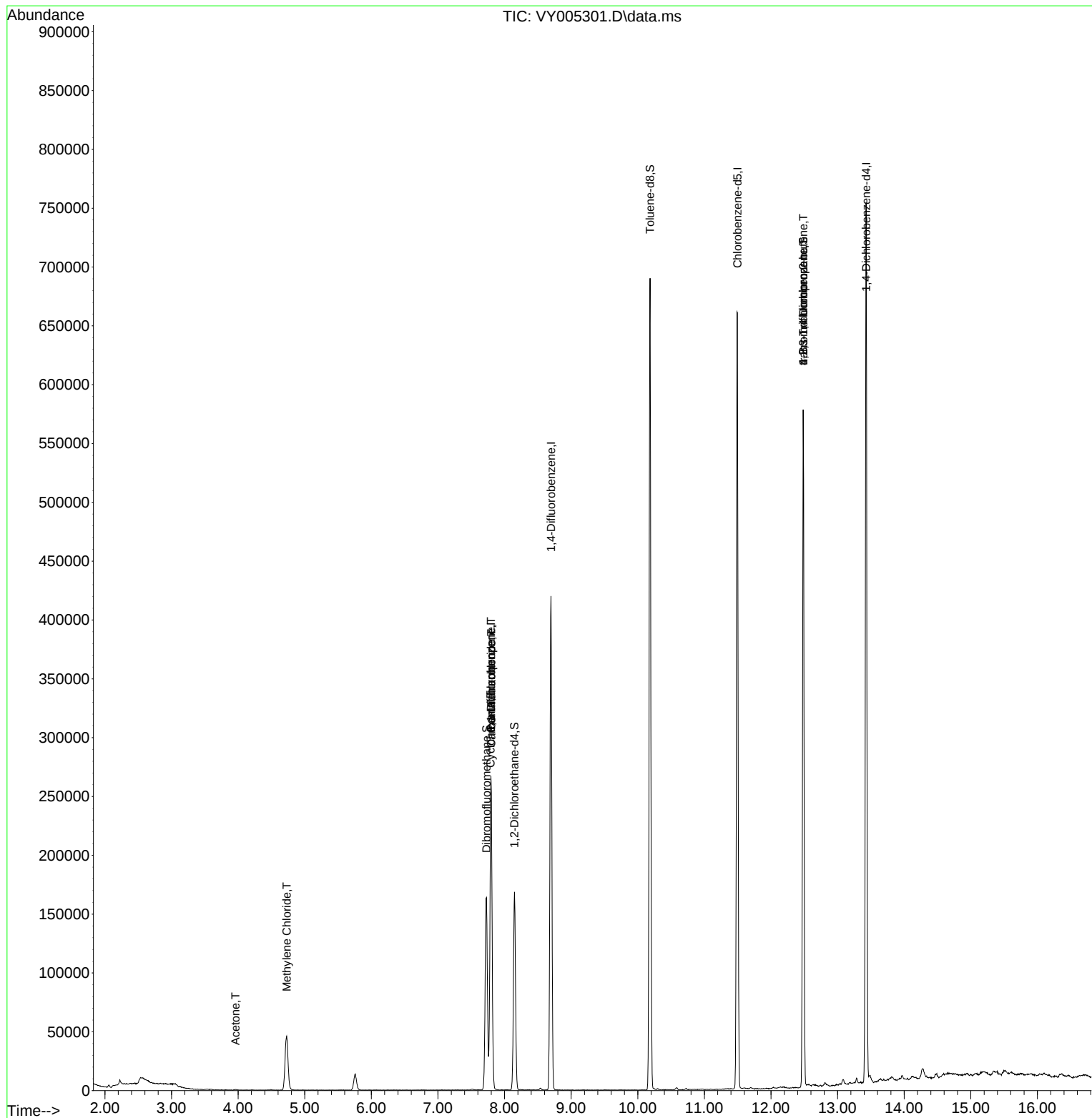
Internal Standards						
1) Pentafluorobenzene	7.795	168	223895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129032	69.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.900%
35) Dibromofluoromethane	7.728	113	117307	54.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.380%
50) Toluene-d8	10.185	98	456013	52.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	169581	58.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.580%
Target Compounds						
11) Tert butyl alcohol	4.918	59	22	Below Cal	#	77
16) Acetone	3.960	43	862	2.008	ug/l	96
20) Methylene Chloride	4.729	84	36141	8.651	ug/l	94
31) Cyclohexane	7.789	56	3860	1.164	ug/l	# 9
36) 1,1-Dichloropropene	7.795	75	14727	4.557	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	19134	5.655	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	83815	47.416	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	83815	88.467	ug/l	# 18

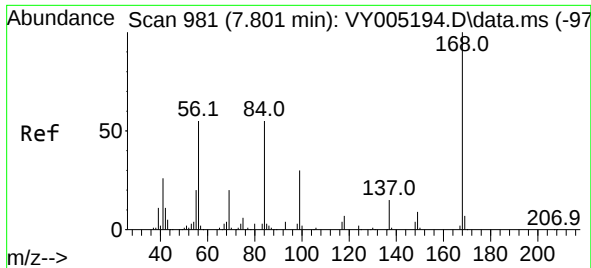
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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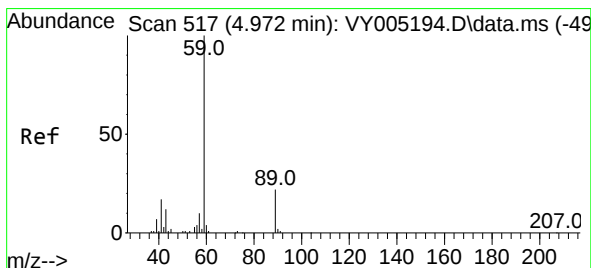
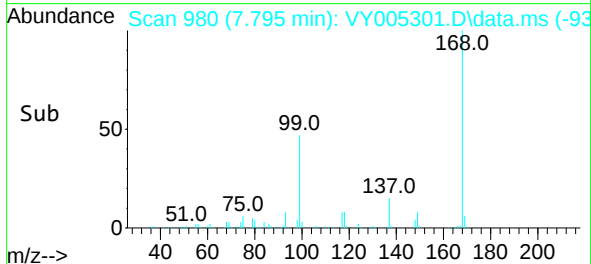
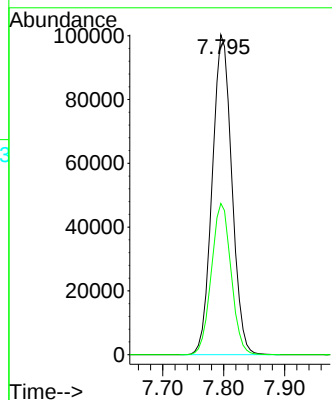
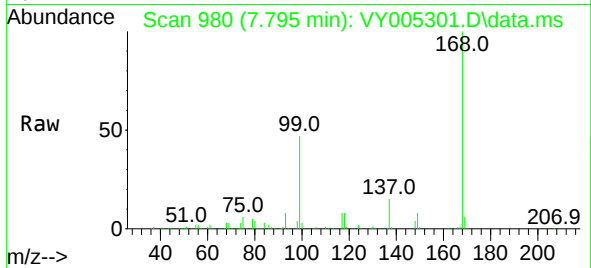




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

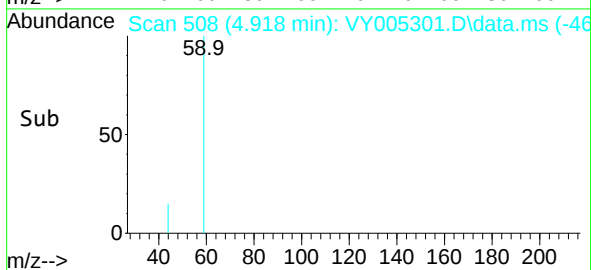
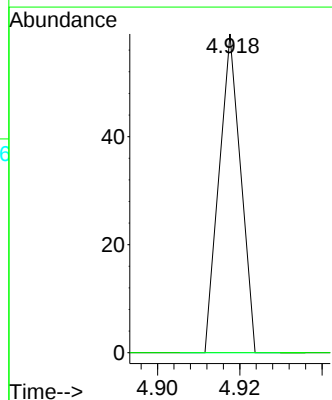
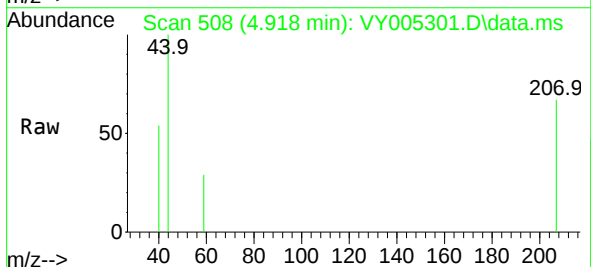
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

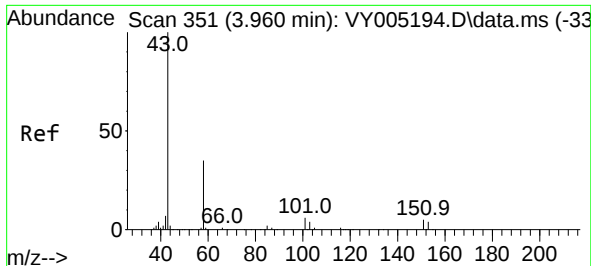
Tgt Ion:168 Resp: 223895
Ion Ratio Lower Upper
168 100
99 47.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.054 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

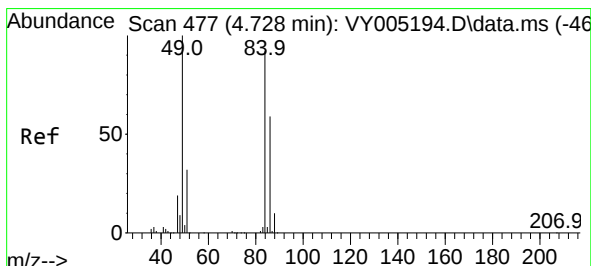
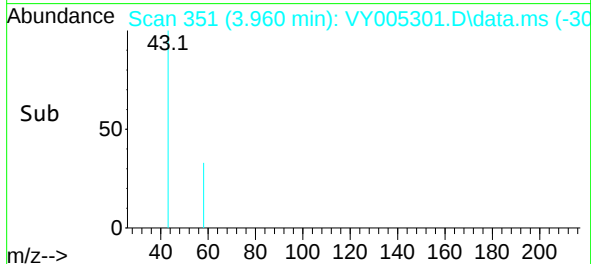
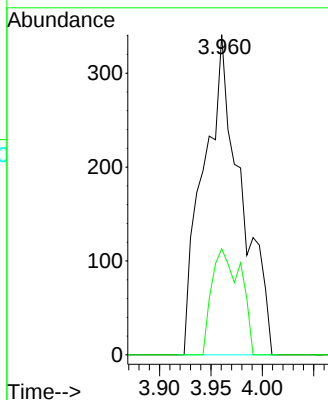
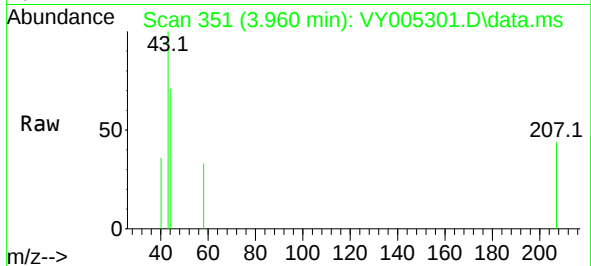




#16
Acetone
Concen: 2.008 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

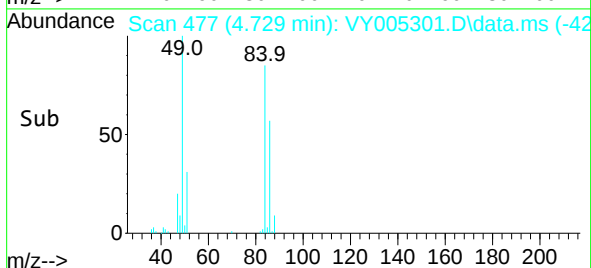
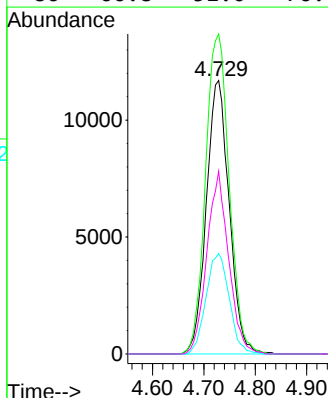
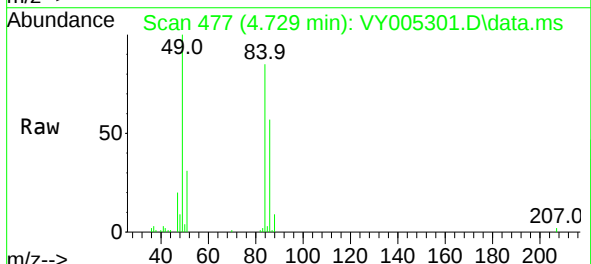
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

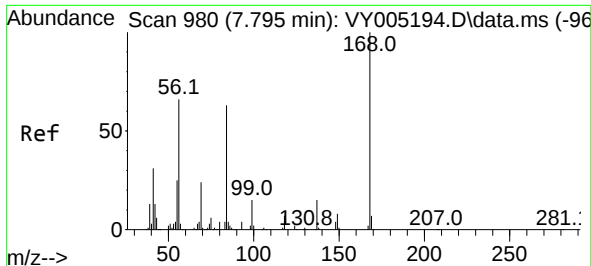
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 33.1 28.2 42.2



#20
Methylene Chloride
Concen: 8.651 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 84 Resp: 36141
Ion Ratio Lower Upper
84 100
49 117.0 86.9 130.3
51 36.8 27.4 41.2
86 66.8 51.0 76.6

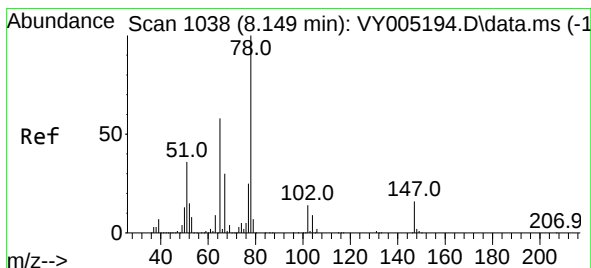
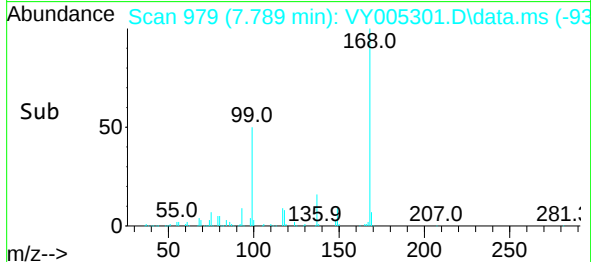
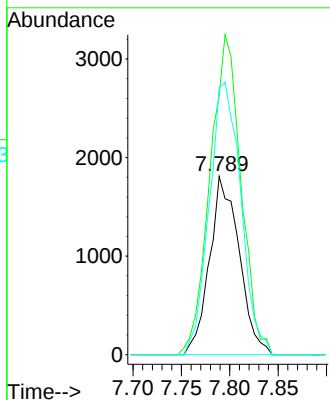
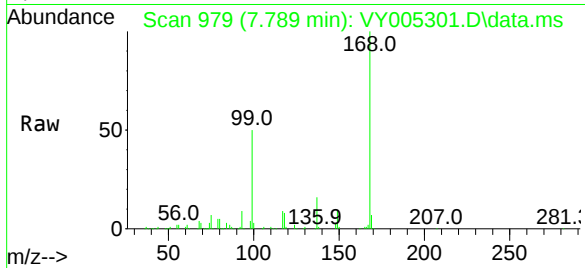




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

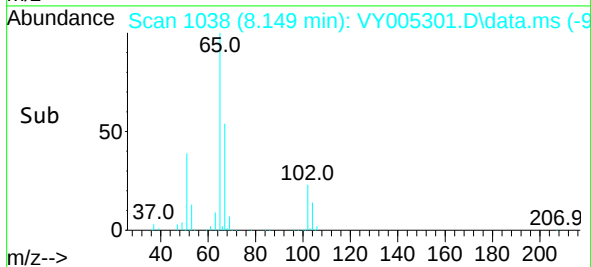
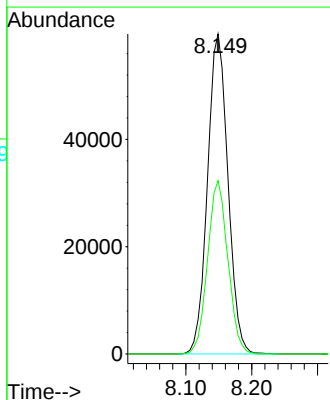
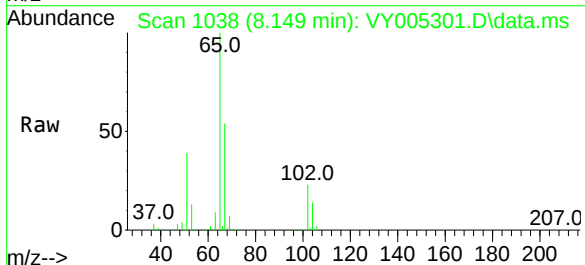
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

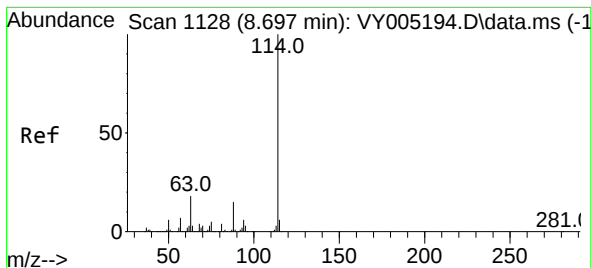
Tgt Ion: 56 Resp: 3860
Ion Ratio Lower Upper
56 100
69 145.1 29.6 44.4#
84 149.7 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 69.447 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 65 Resp: 129032
Ion Ratio Lower Upper
65 100
67 53.7 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: VY005301.D

Acq: 30 Jun 2021 16:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-9.5-10.0

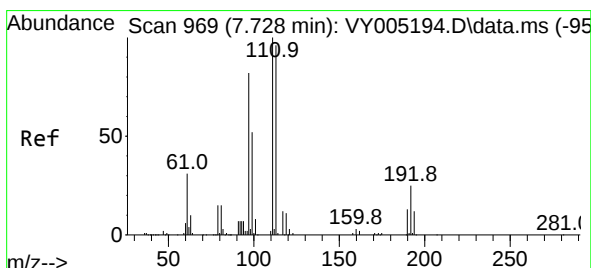
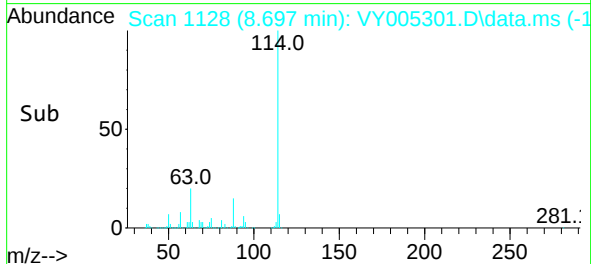
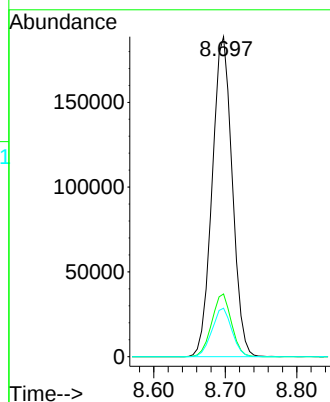
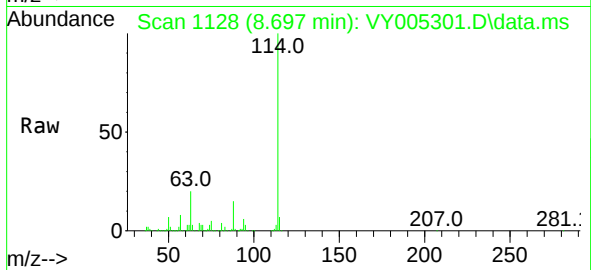
Tgt Ion:114 Resp: 367038

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.2

88 15.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 54.193 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005301.D

Acq: 30 Jun 2021 16:28

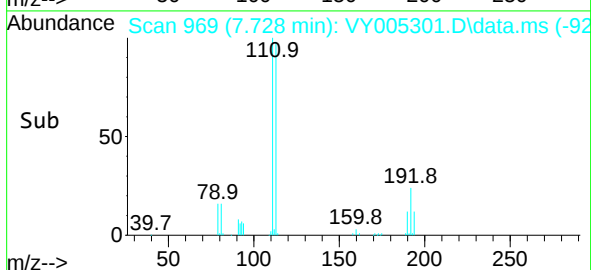
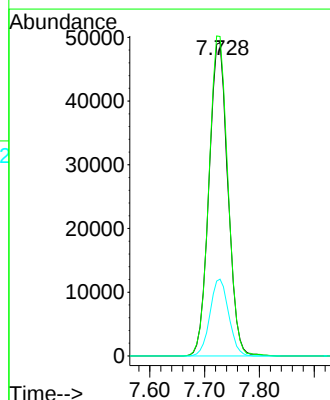
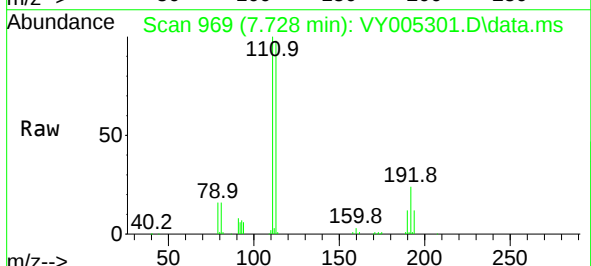
Tgt Ion:113 Resp: 117307

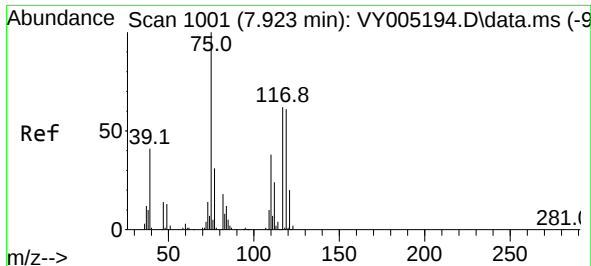
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 24.2 20.2 30.2

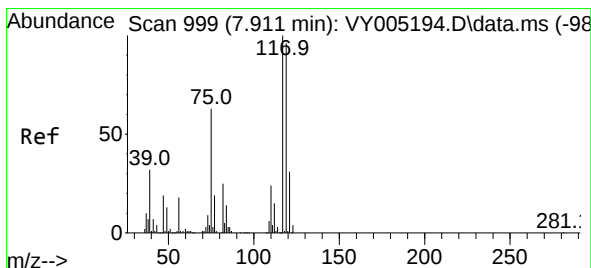
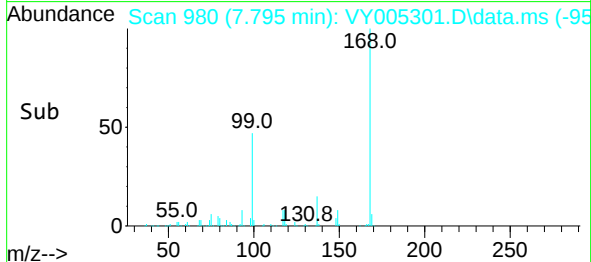
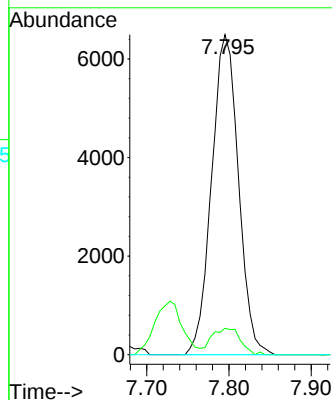
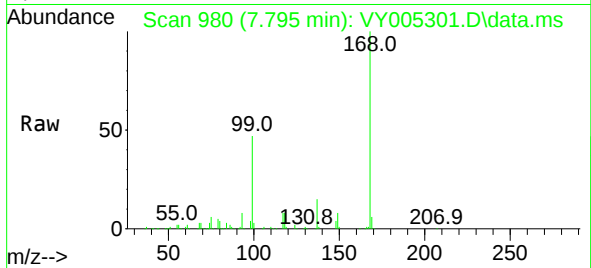




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

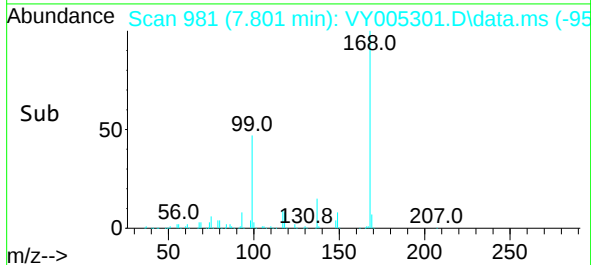
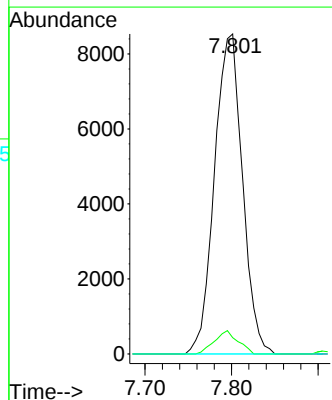
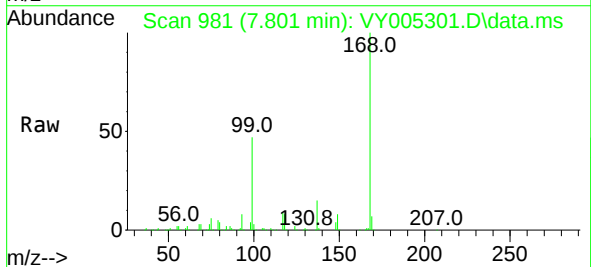
Instrument :
MSVOA_Y
ClientSampled :
SB-10-9.5-10.0

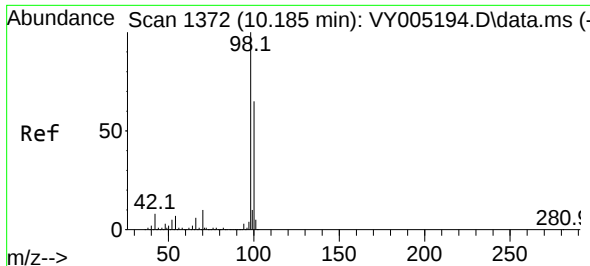
Tgt Ion: 75 Resp: 14727
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 117 Resp: 19134
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.4#
121 0.0 24.7 37.1#

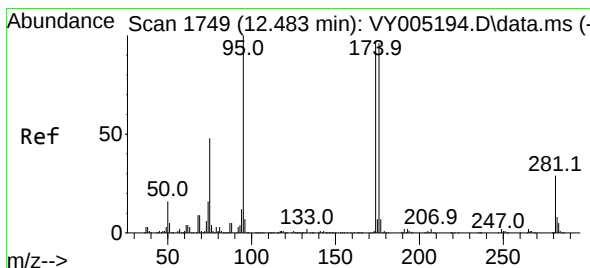
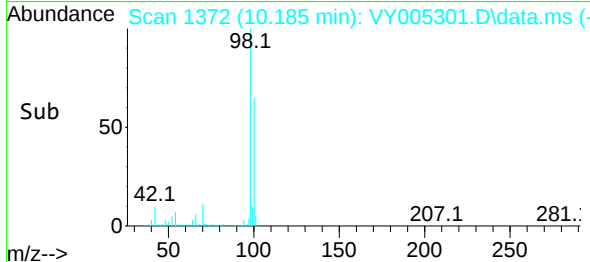
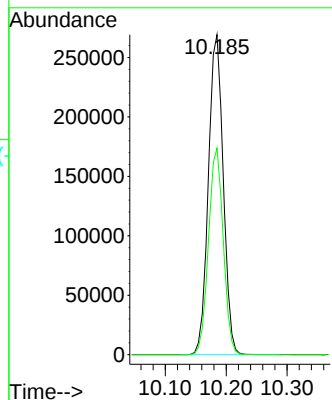
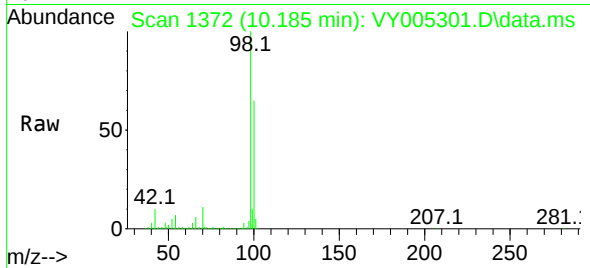




#50
Toluene-d8
Concen: 52.678 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

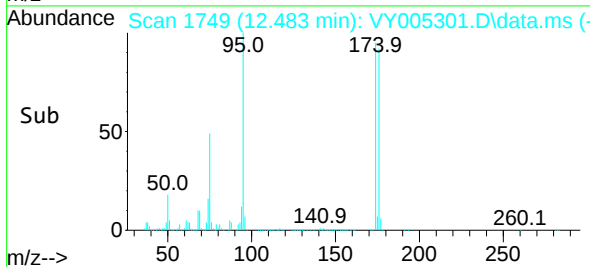
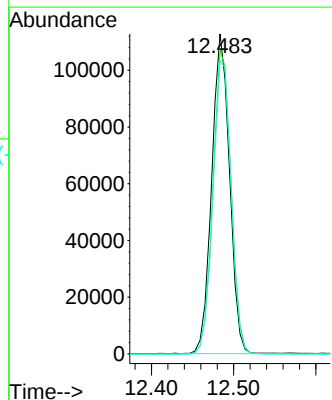
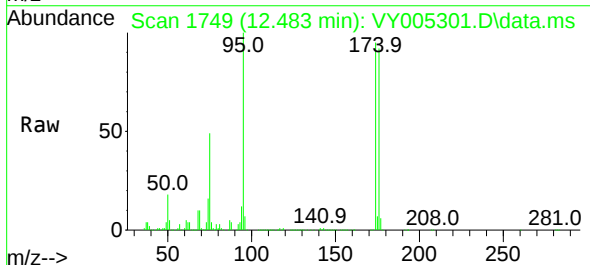
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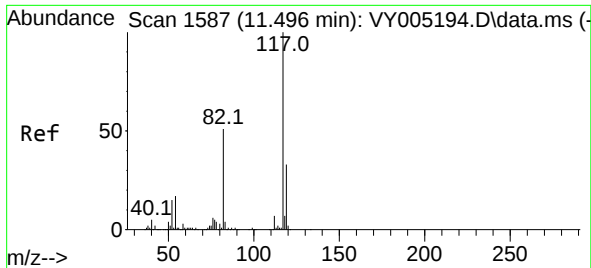
Tgt Ion: 98 Resp: 456013
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 58.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 95 Resp: 169581
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.6
176 94.0 0.0 197.4

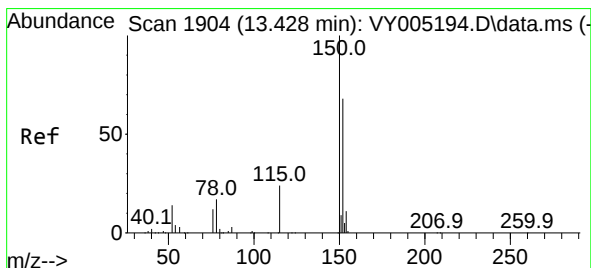
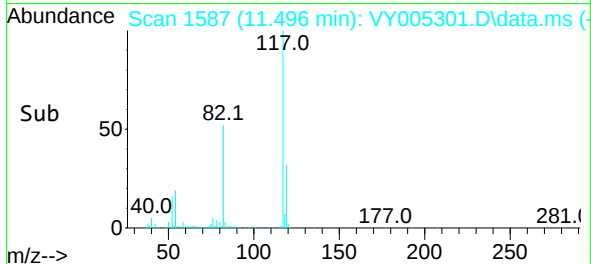
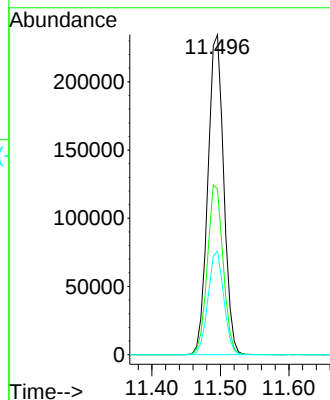
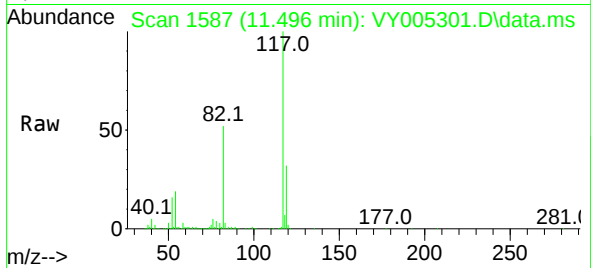




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

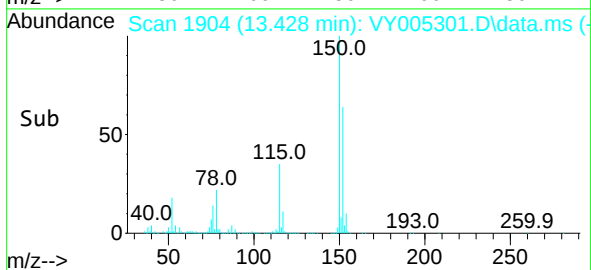
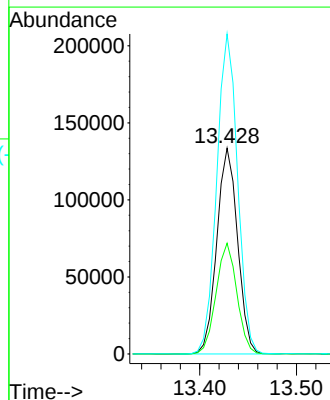
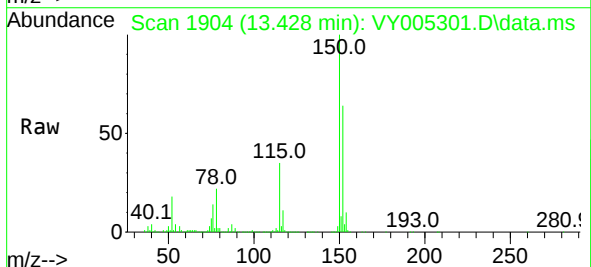
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

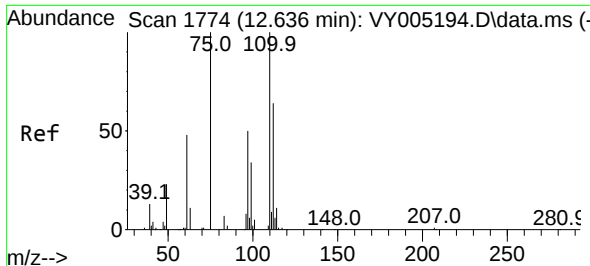
Tgt Ion:117 Resp: 377085
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion:152 Resp: 199311
Ion Ratio Lower Upper
152 100
115 53.8 26.3 78.8
150 156.2 0.0 344.2

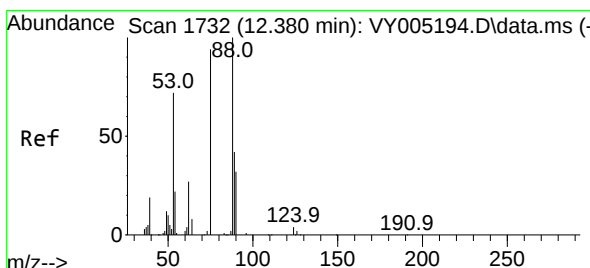
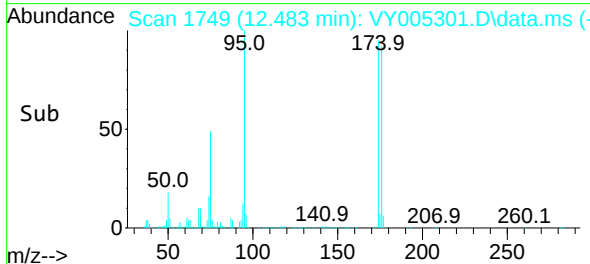
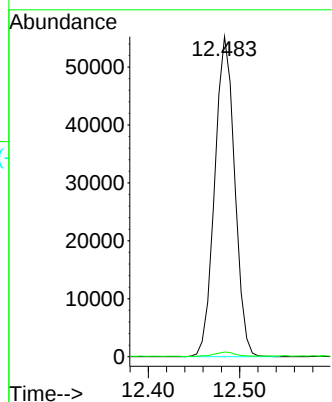
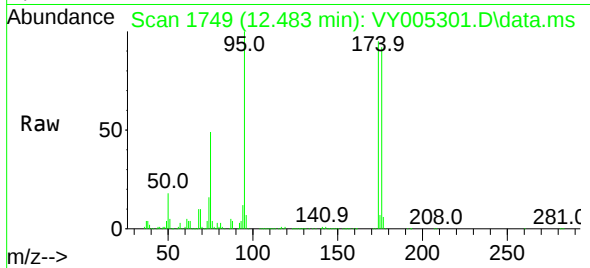




#76
1,2,3-Trichloropropane
Concen: 47.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 75 Resp: 83815
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005301.D
Acq: 30 Jun 2021 16:28

Tgt Ion: 75 Resp: 83815
Ion Ratio Lower Upper
75 100
53 0.4 63.0 94.4#
89 0.0 38.0 57.0#

