

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004895.D
 Acq On : 27 May 2021 13:04
 Operator : SY/MD
 Sample : M2516-01
 Misc : 4.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-5-TP

Quant Time: May 27 14:25:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

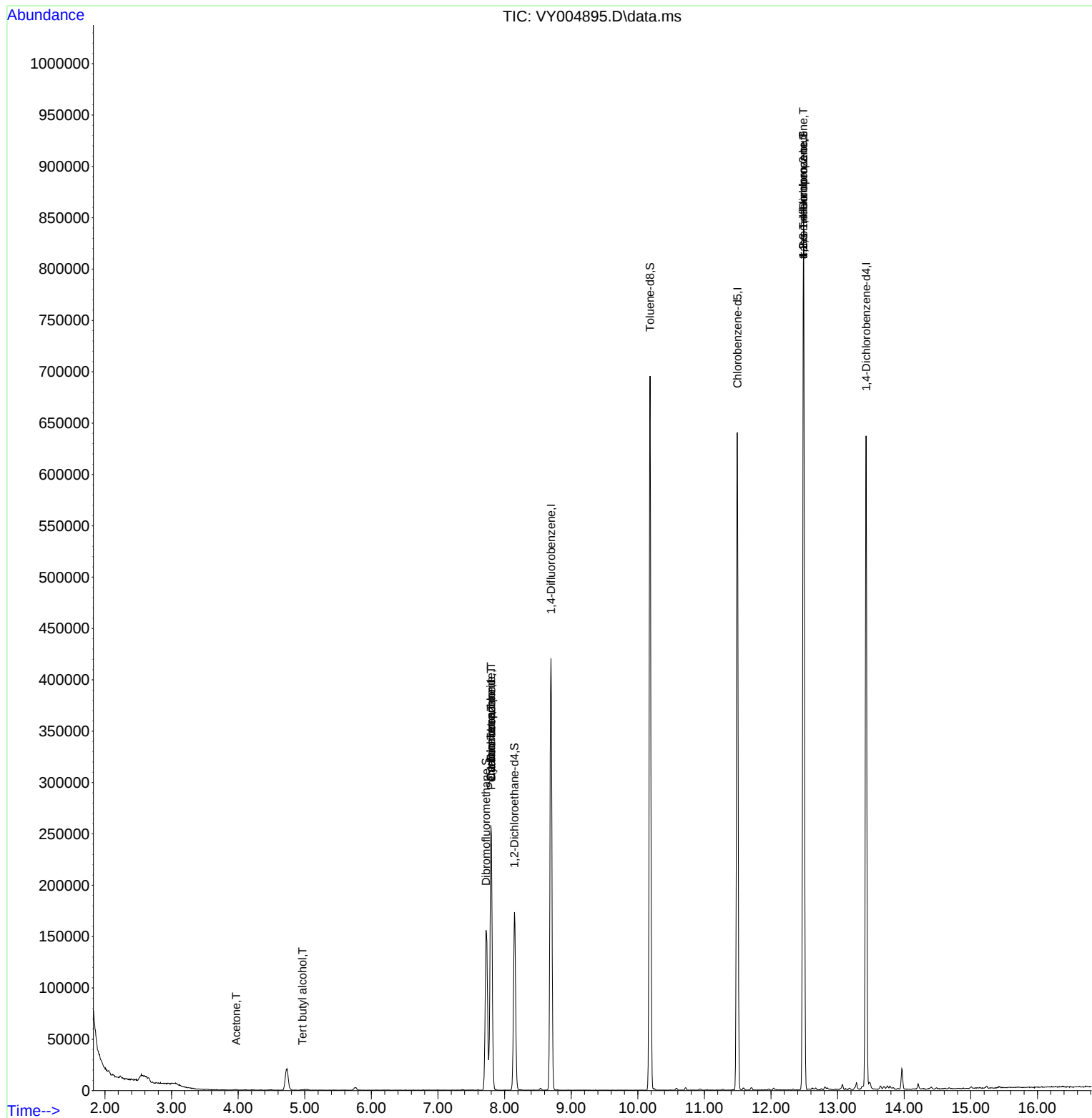
Internal Standards						
1) Pentafluorobenzene	7.801	168	192248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	348537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132832	58.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.10%			
35) Dibromofluoromethane	7.722	113	113724	57.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.68%			
50) Toluene-d8	10.185	98	427489	48.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.26%			
62) 4-Bromofluorobenzene	12.483	95	155067	51.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.46%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	1043	4.54	ug/l #	71
16) Acetone	3.973	43	1119	2.18	ug/l	91
20) Methylene Chloride	4.728	84	15454	Below Cal		90
31) Cyclohexane	7.795	56	4427	1.20	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16179	4.40	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18927	5.72	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	87397	53.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87397	92.52	ug/l #	14

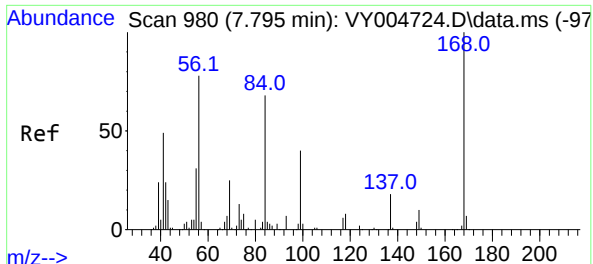
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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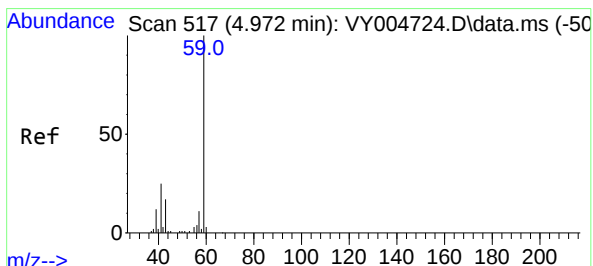
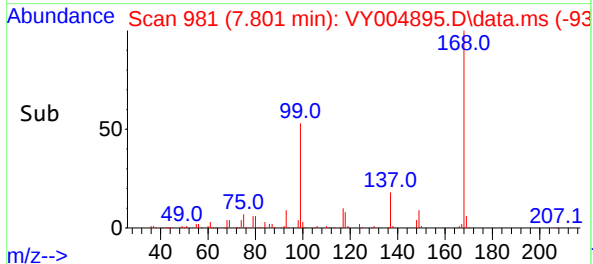
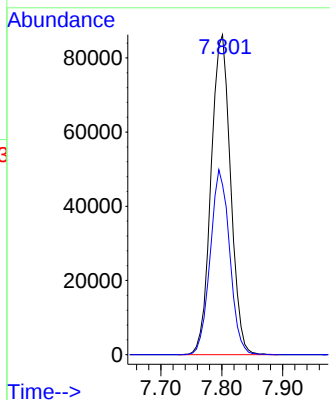
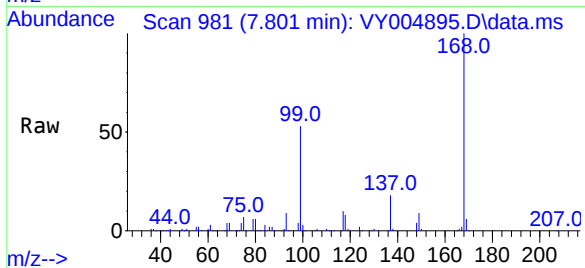




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

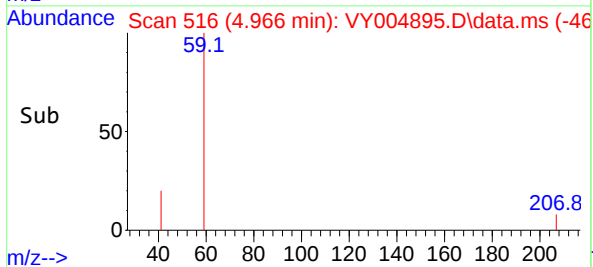
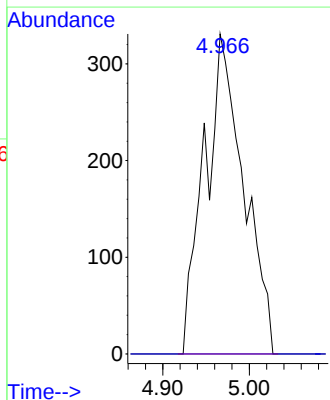
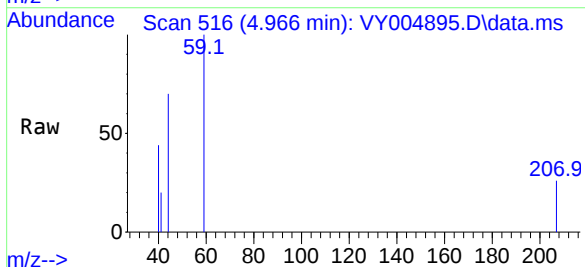
Instrument :
MSVOA_Y
ClientSampled :
1-5-TP

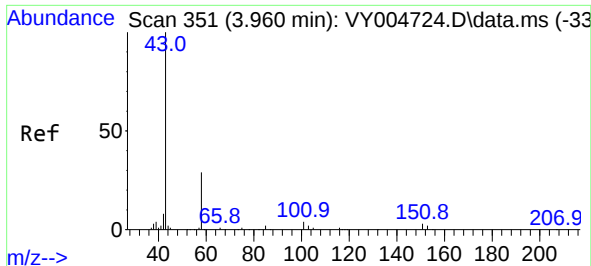
Tgt Ion:168 Resp: 192248
Ion Ratio Lower Upper
168 100
99 53.1 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.54 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

Tgt Ion: 59 Resp: 1043
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

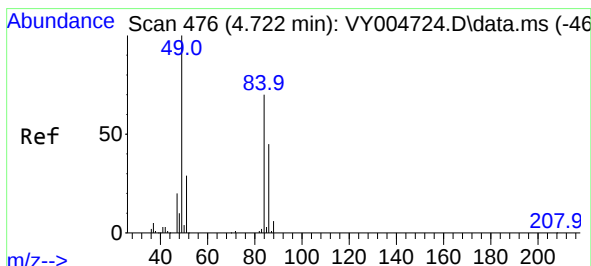
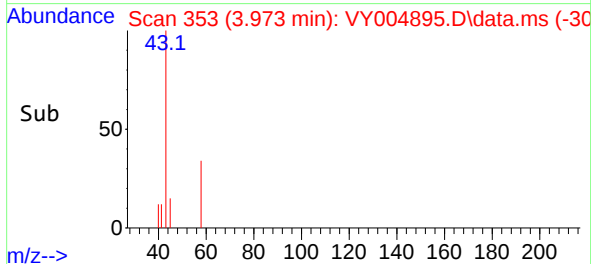
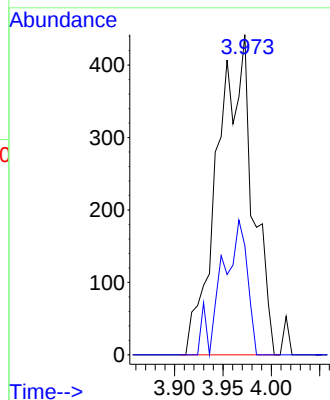
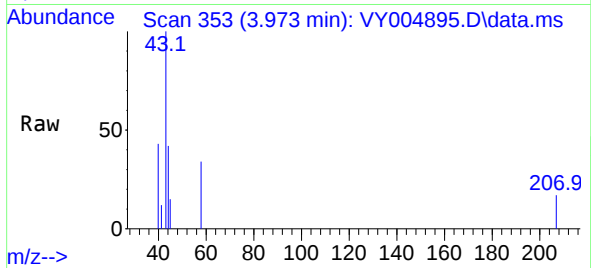




#16
Acetone
Concen: 2.18 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

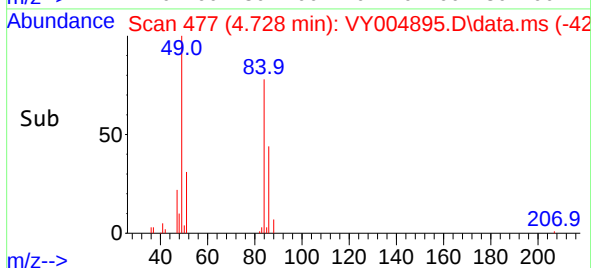
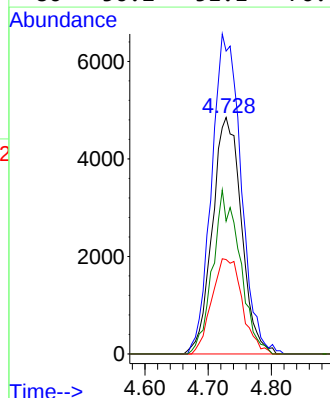
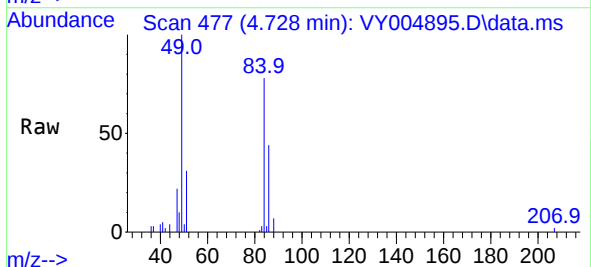
Instrument :
MSVOA_Y
ClientSampled :
1-5-TP

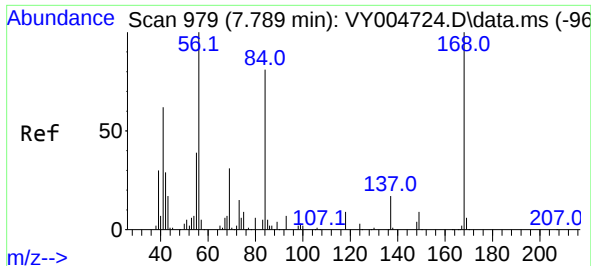
Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 34.2 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

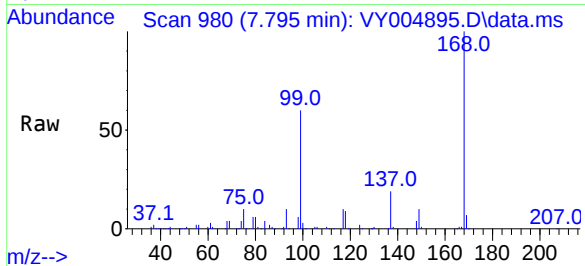
Tgt Ion: 84 Resp: 15454
Ion Ratio Lower Upper
84 100
49 128.1 113.8 170.8
51 39.9 33.5 50.3
86 56.2 51.1 76.7



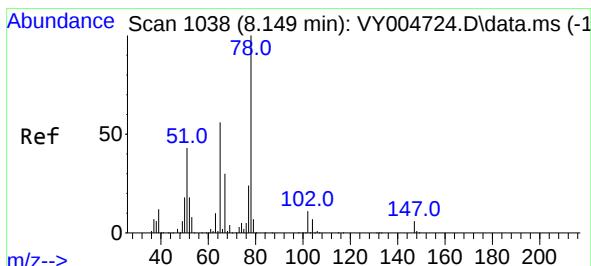
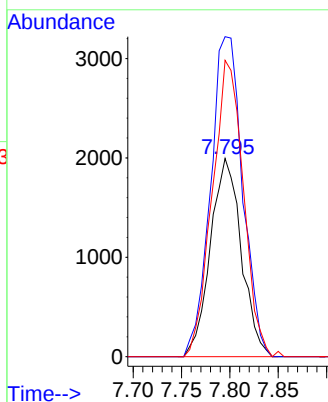
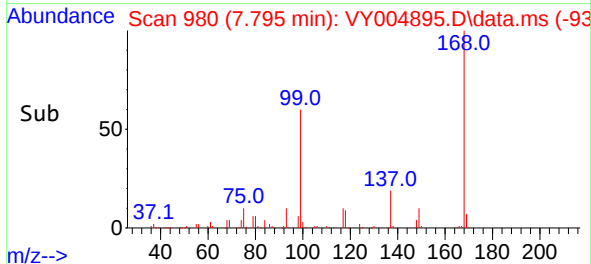


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

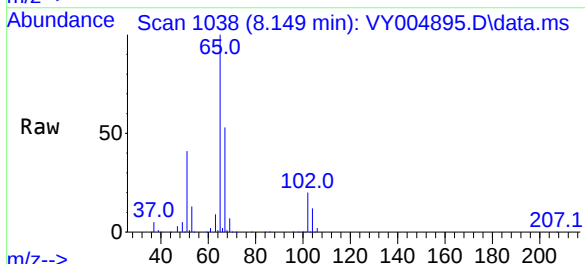
Instrument :
MSVOA_Y
ClientSampleId :
1-5-TP



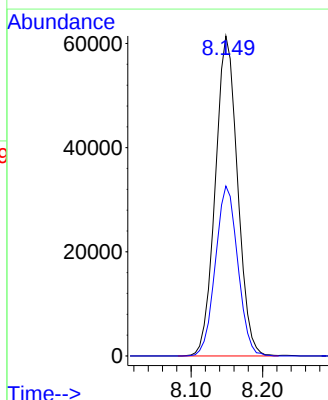
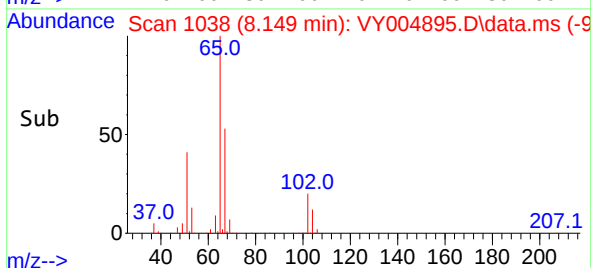
Tgt Ion: 56 Resp: 4427
Ion Ratio Lower Upper
56 100
69 161.5 24.4 36.6#
84 149.5 64.8 97.2#

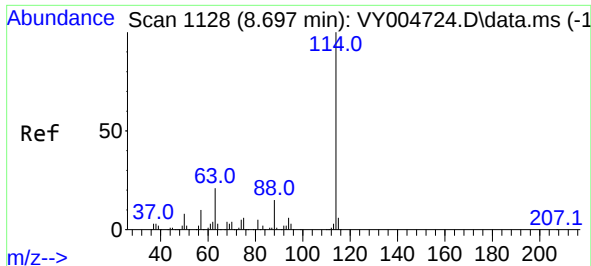


#33
1,2-Dichloroethane-d4
Concen: 58.05 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04



Tgt Ion: 65 Resp: 132832
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

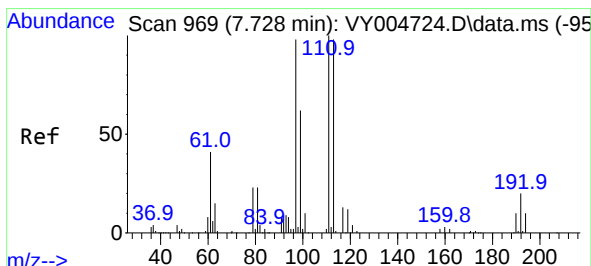
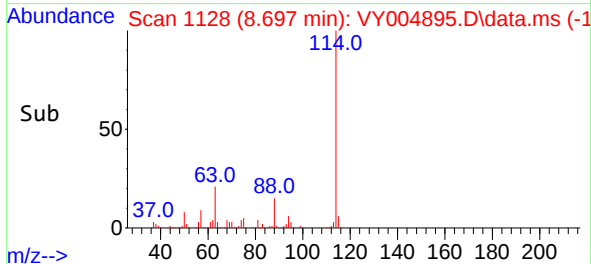
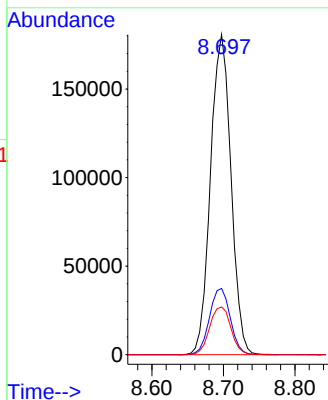
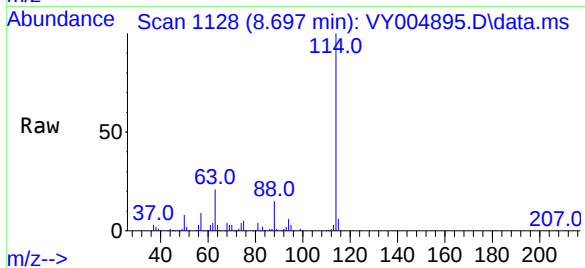
Delta R.T. -0.000 min

Lab File: VY004895.D

Acq: 27 May 2021 13:04

Tgt Ion:	114	Resp:	359126
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.8
88	14.9	0.0	31.0

Instrument :
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ClientSampled :
1-5-TP



#35

Dibromofluoromethane

Concen: 57.84 ug/l

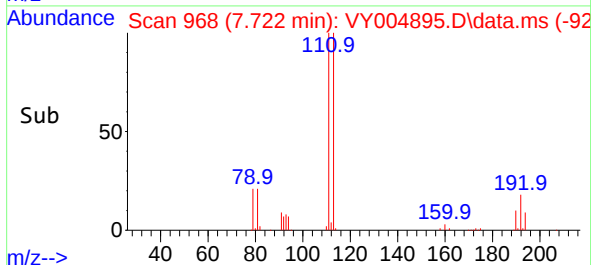
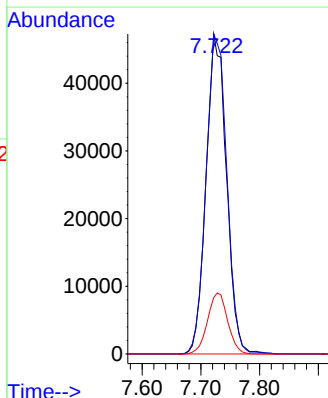
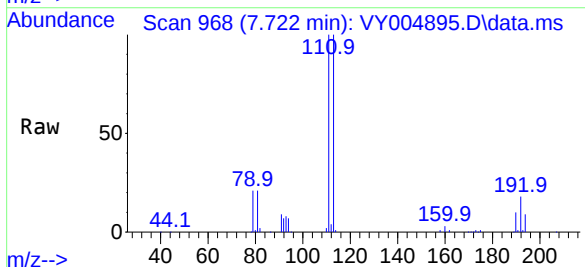
RT: 7.722 min Scan# 968

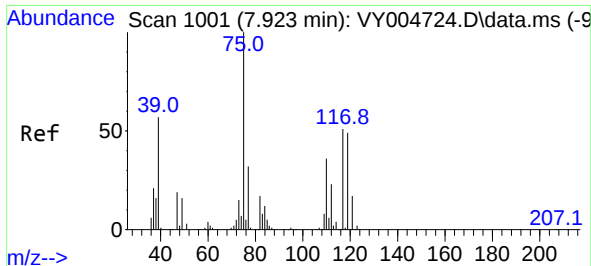
Delta R.T. -0.006 min

Lab File: VY004895.D

Acq: 27 May 2021 13:04

Tgt Ion:	113	Resp:	113724
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	18.8	15.0	22.6

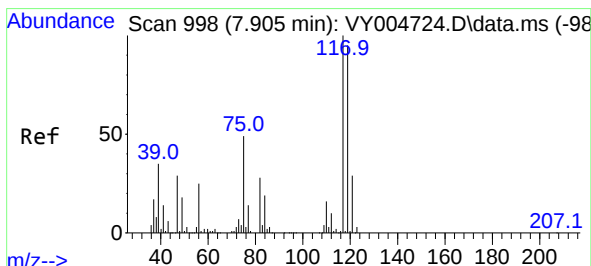
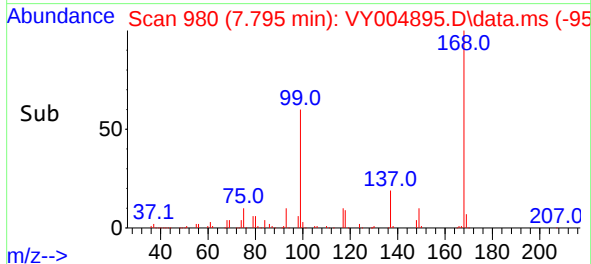
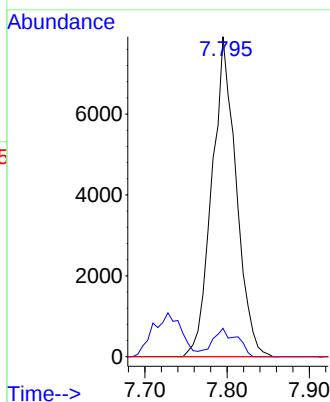
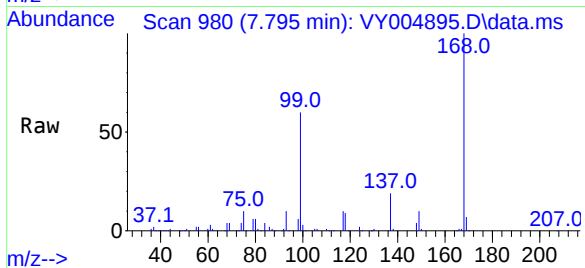




#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

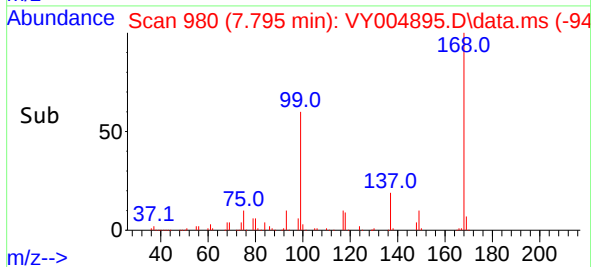
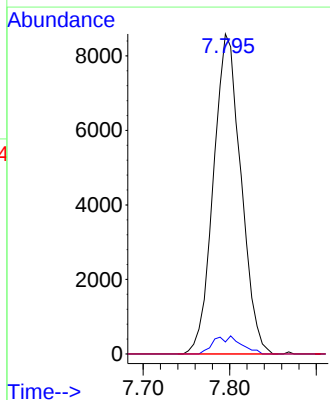
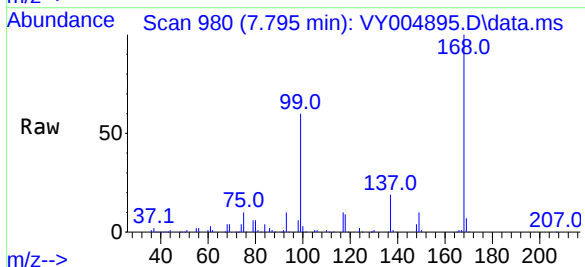
Instrument :
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ClientSampled :
1-5-TP

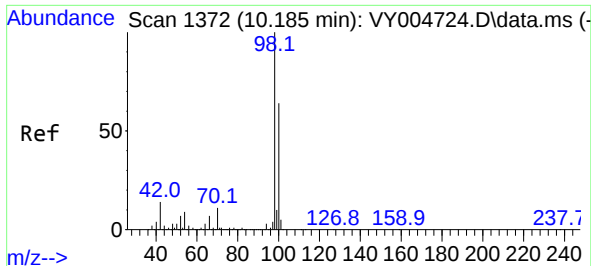
Tgt Ion:	75	Resp:	16179
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

Tgt Ion:	117	Resp:	18927
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.3	114.5#
121	0.0	23.0	34.6#

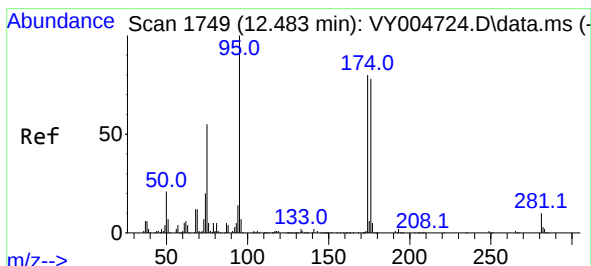
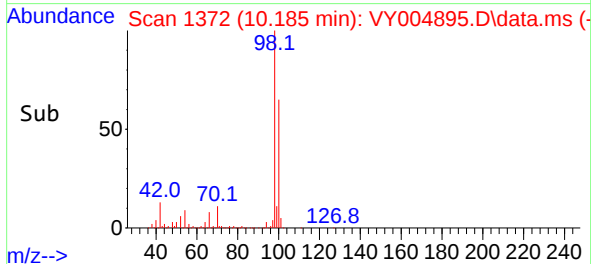
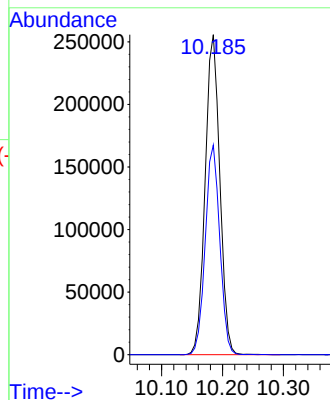
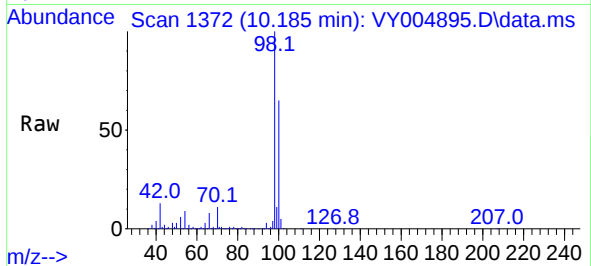




#50
Toluene-d8
Concen: 48.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

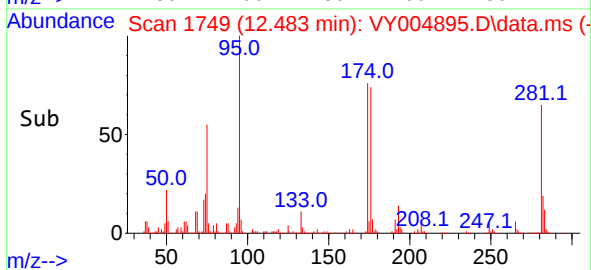
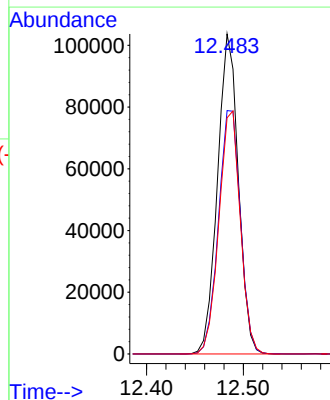
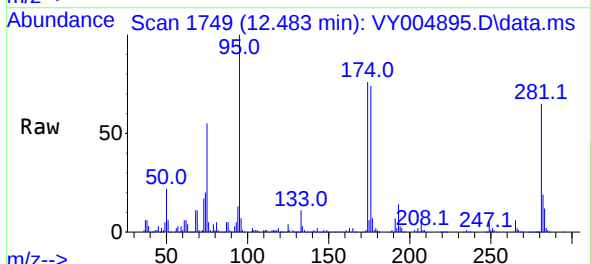
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ClientSampled :
1-5-TP

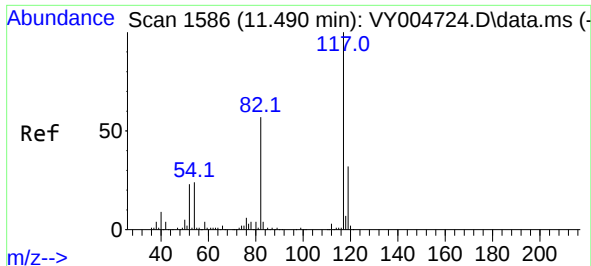
Tgt Ion: 98 Resp: 427489
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

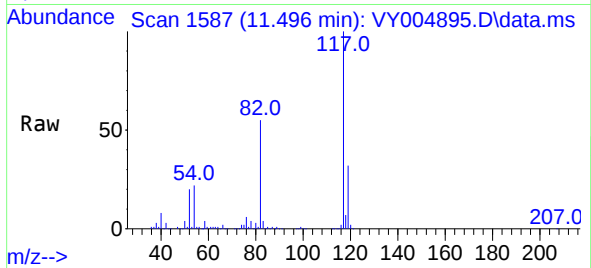
Tgt Ion: 95 Resp: 155067
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.2
176 77.9 0.0 159.0



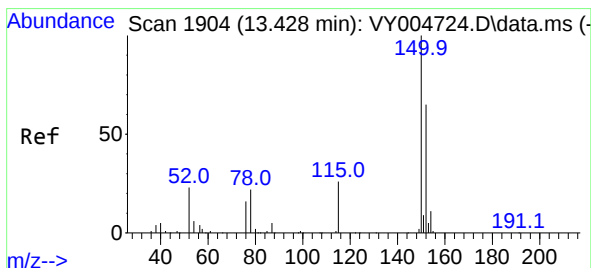
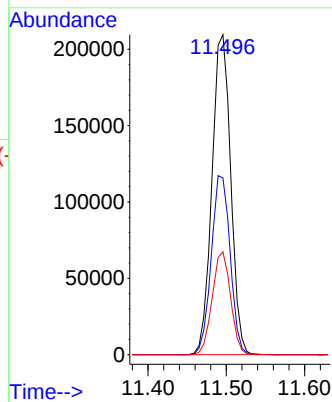
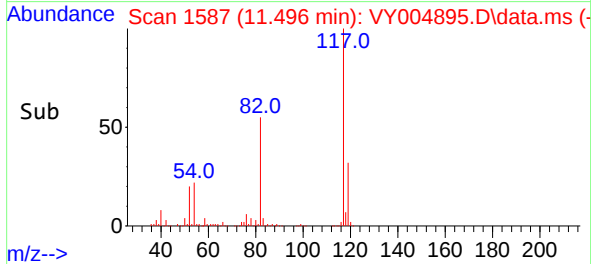


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

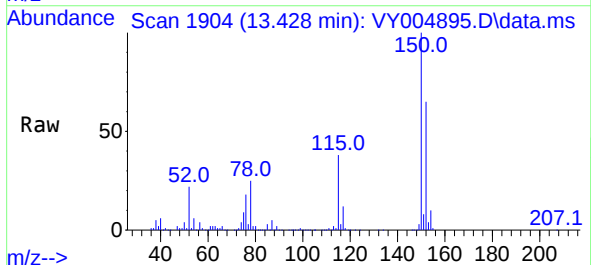
Instrument :
MSVOA_Y
ClientSampleId :
1-5-TP



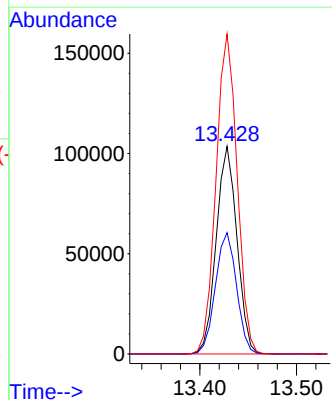
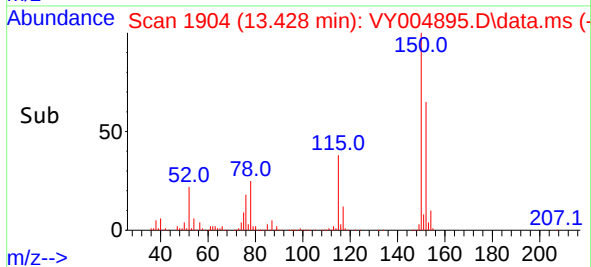
Tgt Ion:117 Resp: 348537
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.2 25.8 38.6

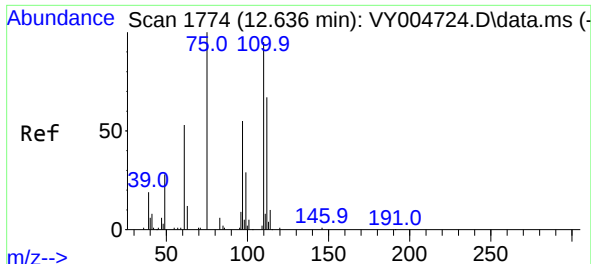


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04



Tgt Ion:152 Resp: 154210
Ion Ratio Lower Upper
152 100
115 59.5 29.4 88.3
150 156.7 0.0 349.8

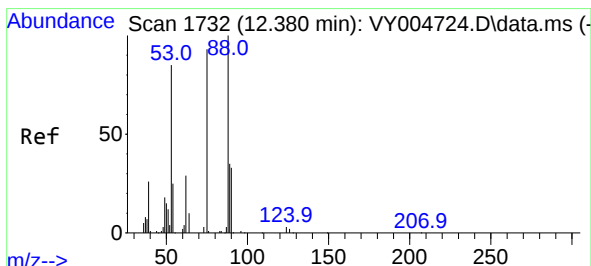
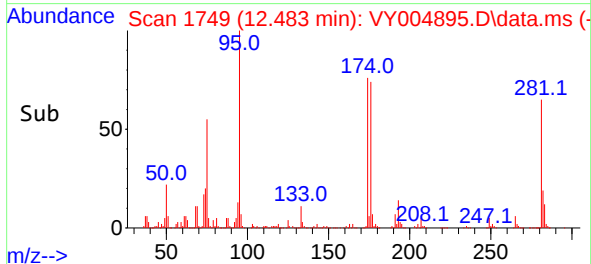
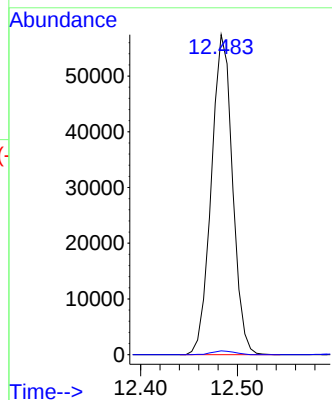
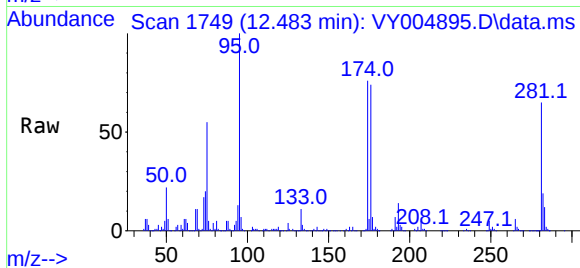




#76
1,2,3-Trichloropropane
Concen: 53.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

Instrument :
MSVOA_Y
ClientSampled :
1-5-TP

Tgt Ion: 75 Resp: 87397
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004895.D
Acq: 27 May 2021 13:04

Tgt Ion: 75 Resp: 87397
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 1.8 35.5 53.3#

