

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005676.D
 Acq On : 16 Aug 2021 17:27
 Operator : SY/MD
 Sample : M3431-07
 Misc : 6.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7

Quant Time: Aug 17 05:20:24 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)

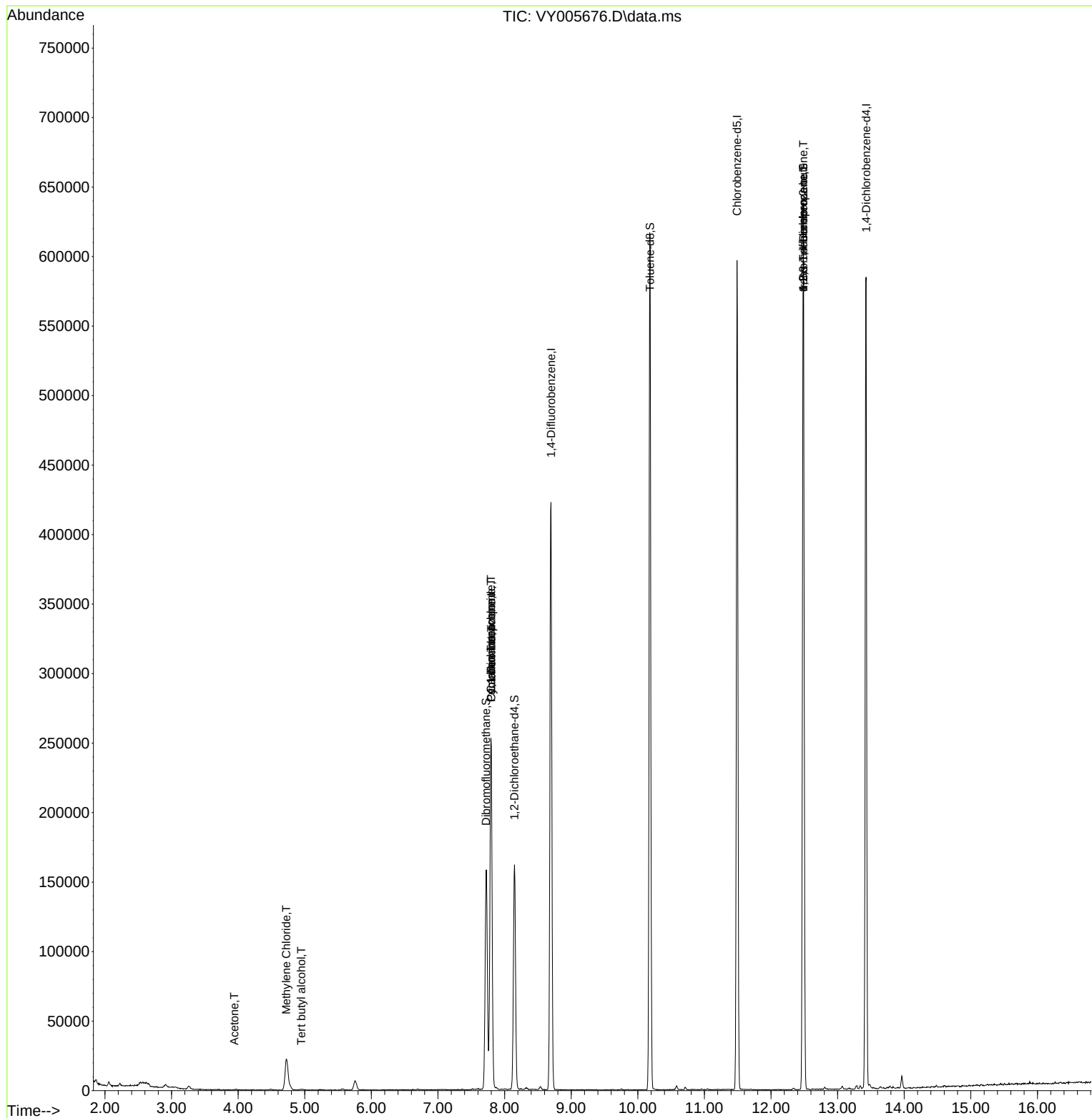
Internal Standards						
1) Pentafluorobenzene	7.801	168	207975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	362022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130234	61.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.720%	
35) Dibromofluoromethane	7.722	113	107962	53.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.185	98	403279	47.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	12.483	95	136954	48.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	750	3.604	ug/l #	88
16) Acetone	3.942	43	975	1.837	ug/l #	45
20) Methylene Chloride	4.722	84	16103	1.809	ug/l	96
31) Cyclohexane	7.801	56	4327	1.198	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	15005	4.419	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18443	4.998	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	77491	49.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77491	99.915	ug/l #	11

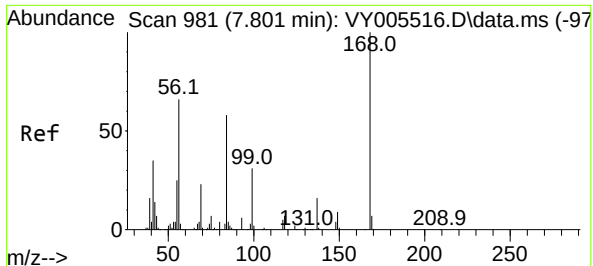
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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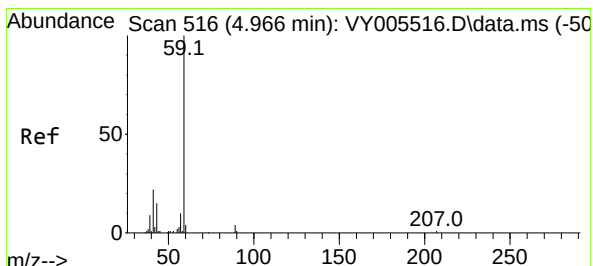
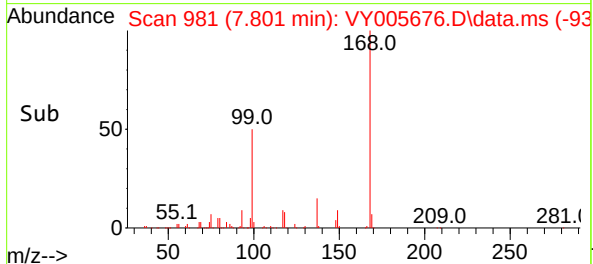
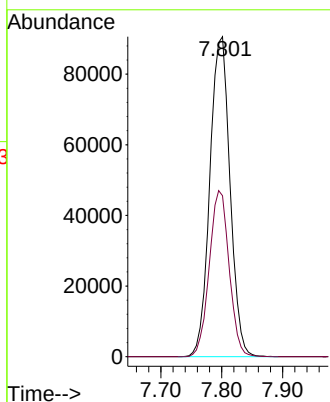
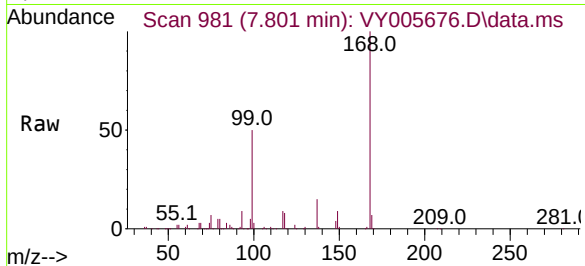




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

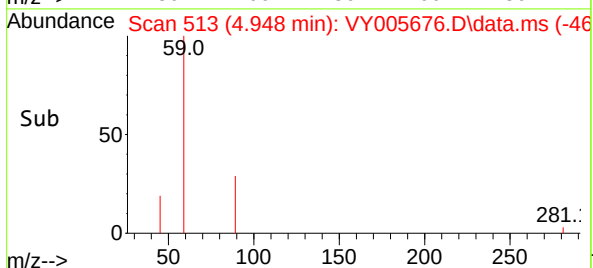
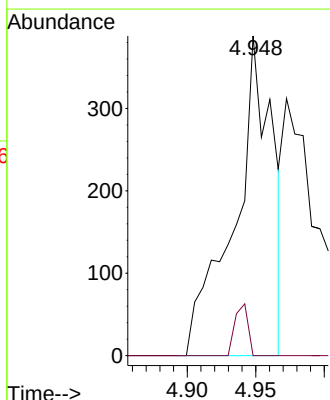
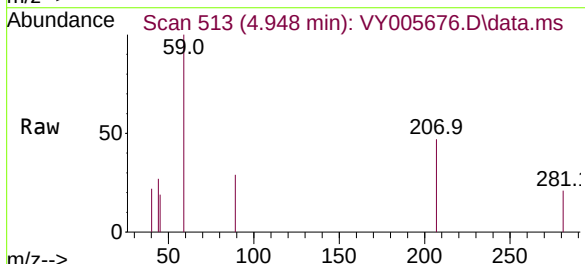
Instrument :
MSVOA_Y
ClientSampleId :
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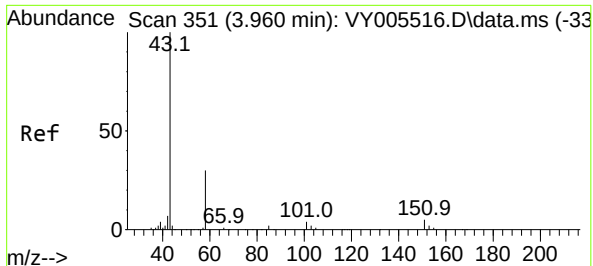
Tgt Ion:168 Resp: 207975
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.604 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion: 59 Resp: 750
Ion Ratio Lower Upper
59 100
57 5.6 8.0 12.0#

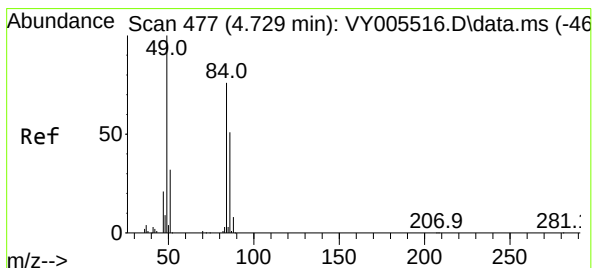
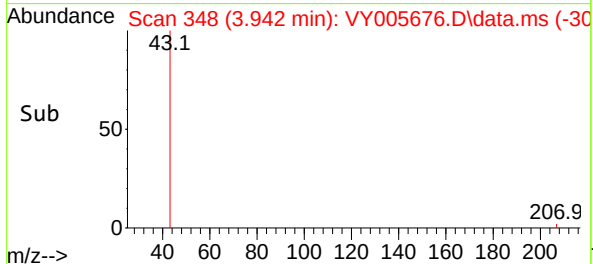
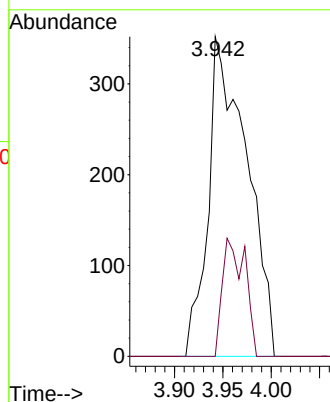
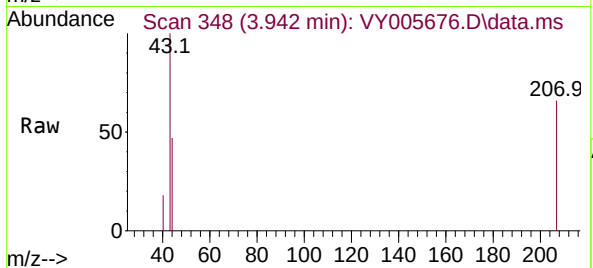




#16
Acetone
Concen: 1.837 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

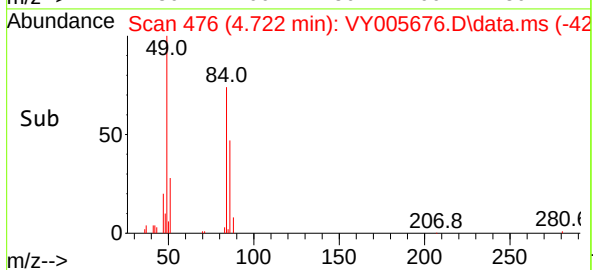
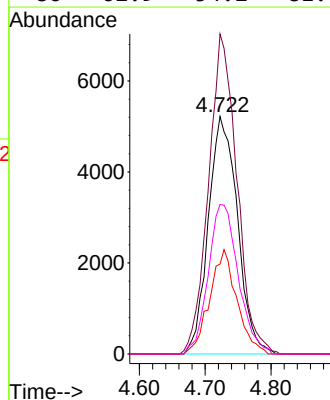
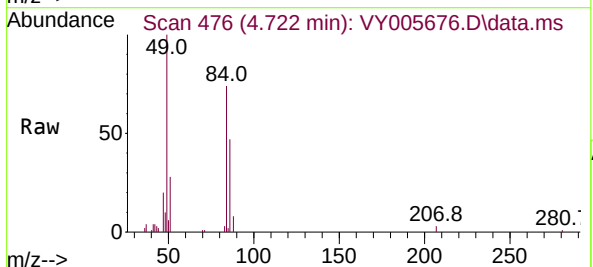
Instrument :
MSVOA_Y
ClientSampled :
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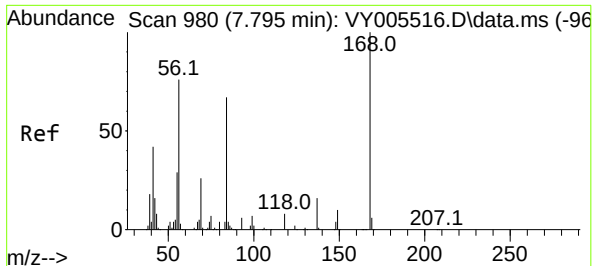
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 1.809 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion: 84 Resp: 16103
Ion Ratio Lower Upper
84 100
49 134.7 105.8 158.6
51 37.9 33.4 50.2
86 62.9 54.2 81.4

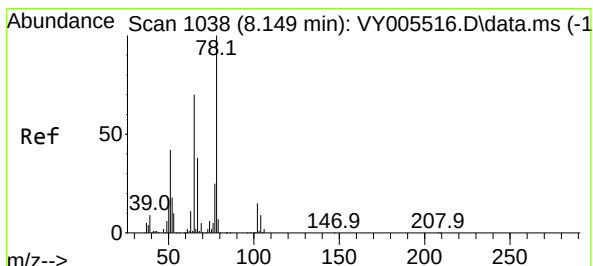
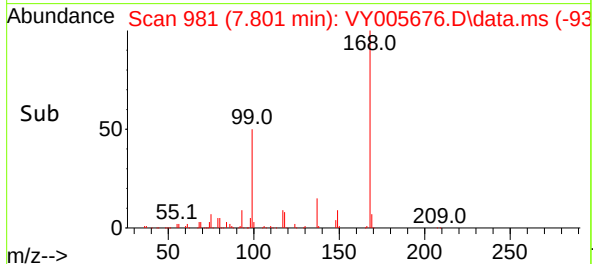
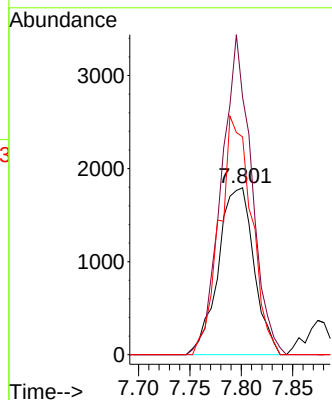
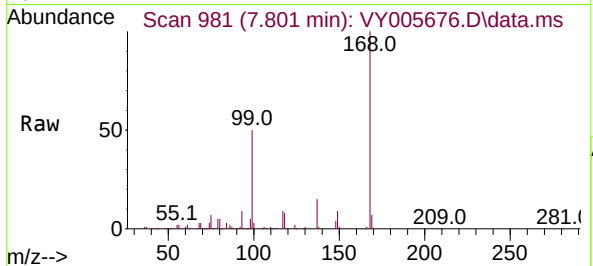




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

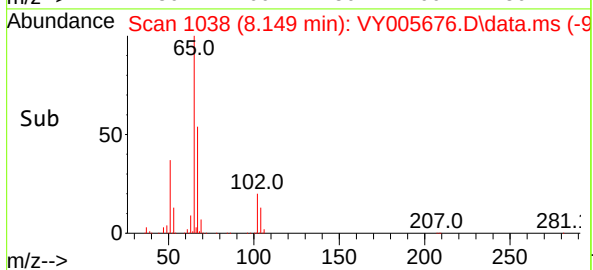
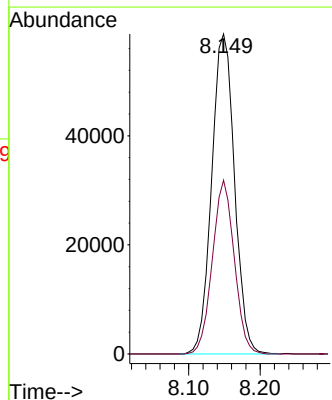
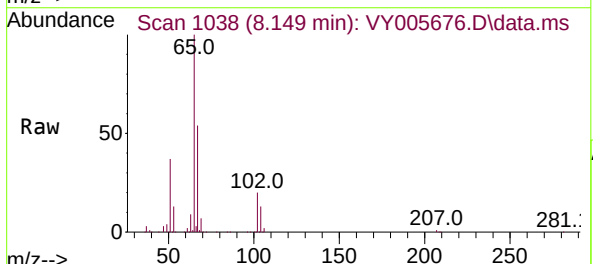
Instrument :
MSVOA_Y
ClientSampleId :
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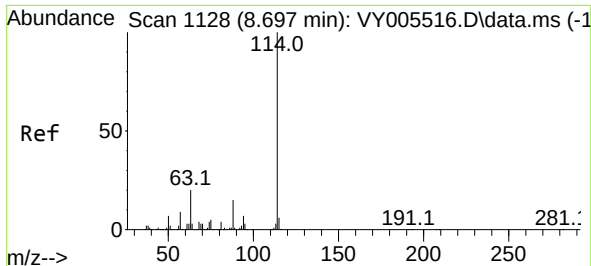
Tgt Ion: 56 Resp: 4327
Ion Ratio Lower Upper
56 100
69 154.2 27.7 41.5#
84 130.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.862 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion: 65 Resp: 130234
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

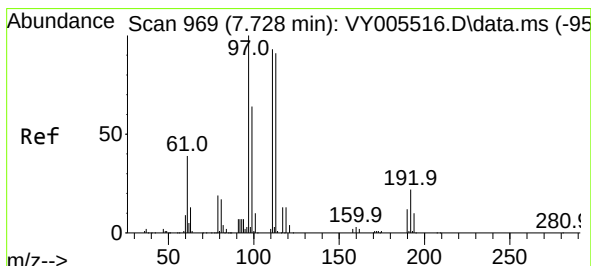
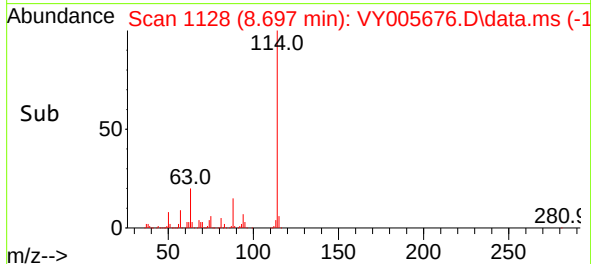
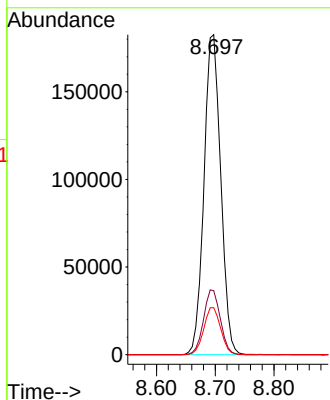
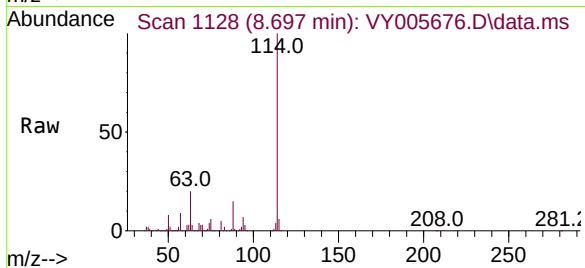




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

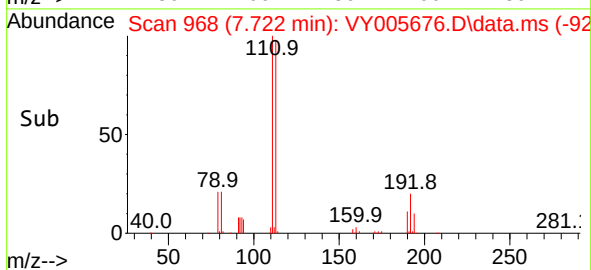
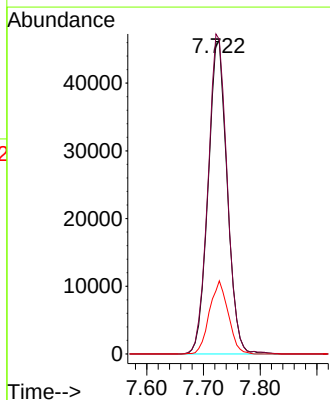
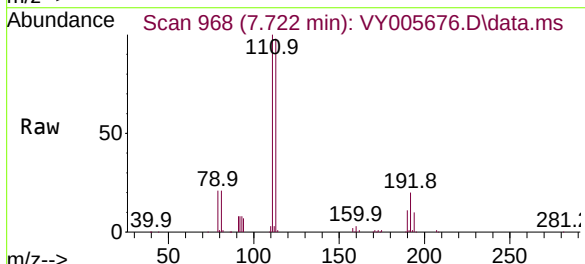
Instrument :
MSVOA_Y
ClientSampleId :
7

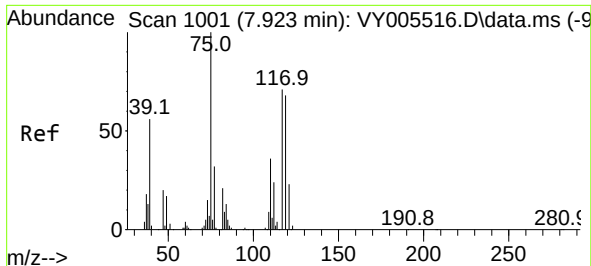
Tgt Ion:114 Resp: 362022
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.265 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion:113 Resp: 107962
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 23.0 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.419 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005676.D

Acq: 16 Aug 2021 17:27

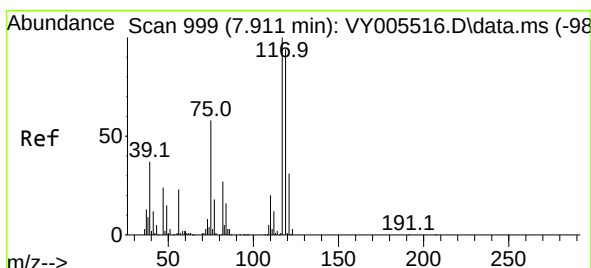
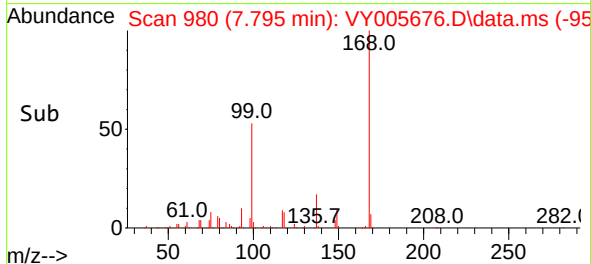
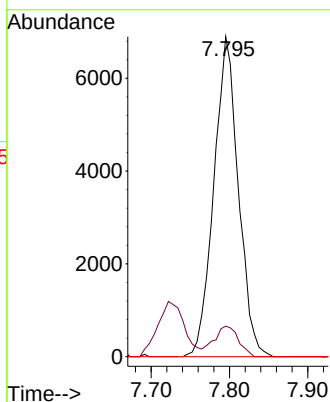
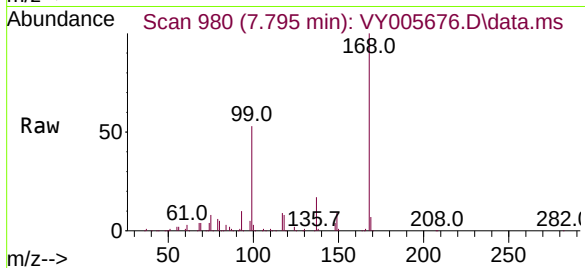
Instrument :

MSVOA_Y

ClientSampleId :

7

Tgt Ion:	75	Resp:	15005
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 4.998 ug/l

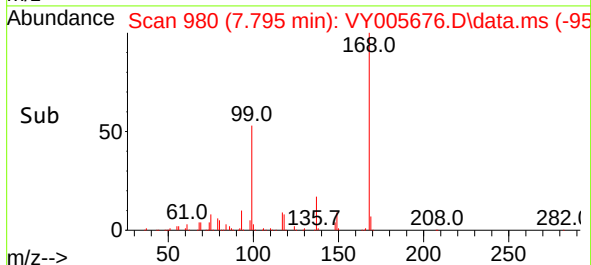
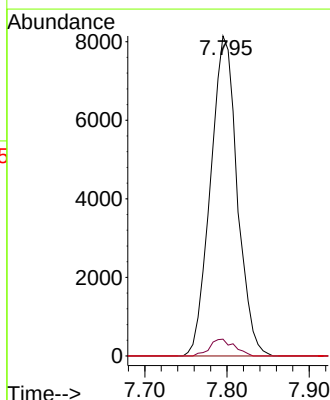
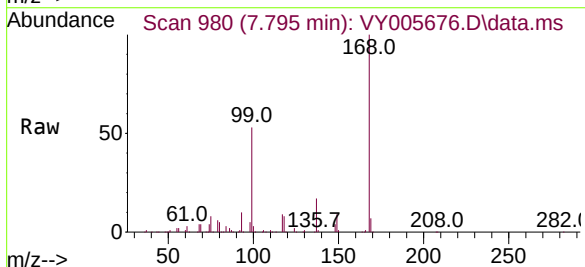
RT: 7.795 min Scan# 980

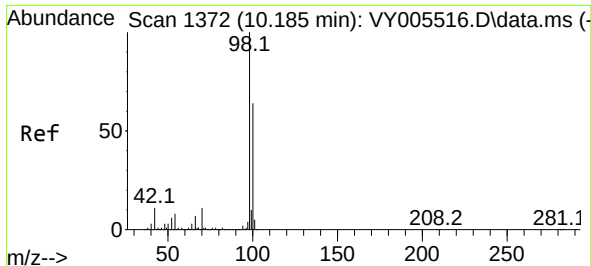
Delta R.T. -0.116 min

Lab File: VY005676.D

Acq: 16 Aug 2021 17:27

Tgt Ion:	117	Resp:	18443
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

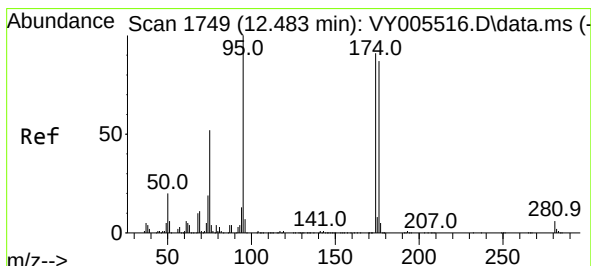
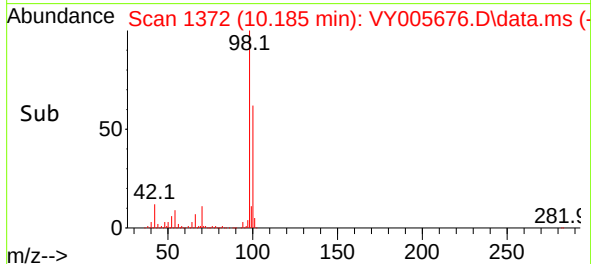
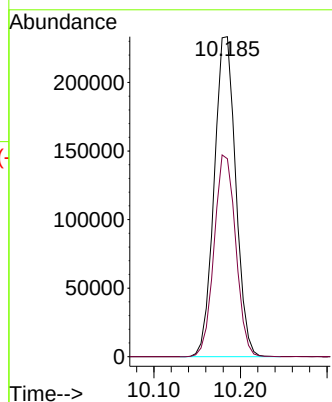
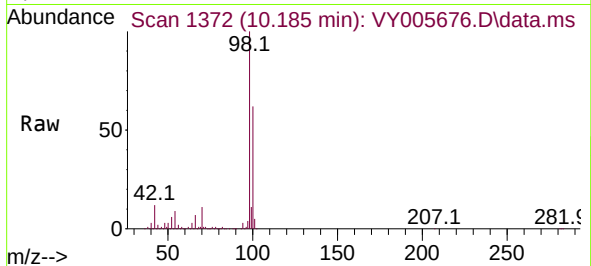




#50
Toluene-d8
Concen: 47.441 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

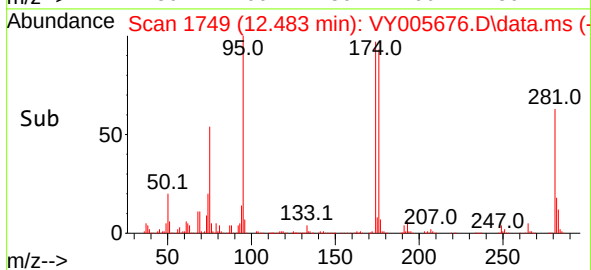
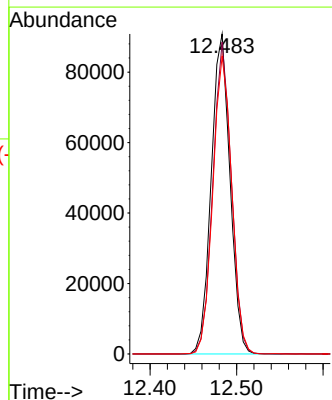
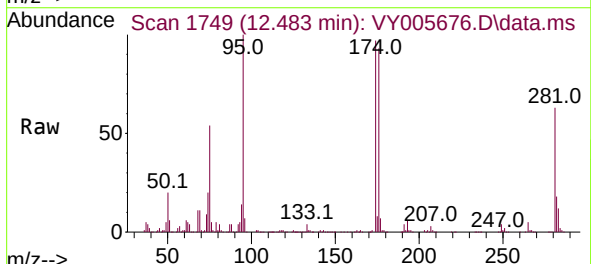
Instrument :
MSVOA_Y
ClientSampled :
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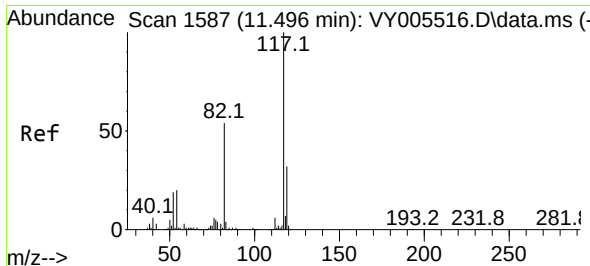
Tgt Ion: 98 Resp: 403279
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion: 95 Resp: 136954
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 93.6 0.0 183.6

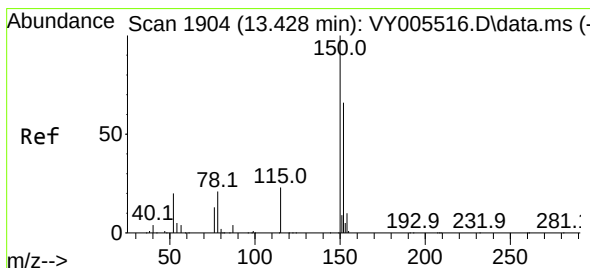
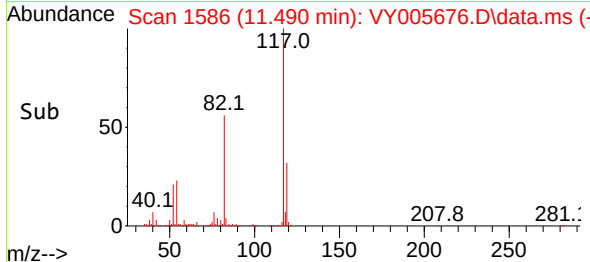
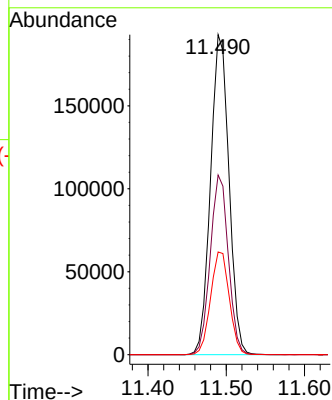
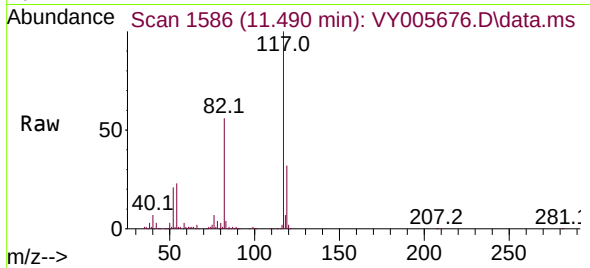




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

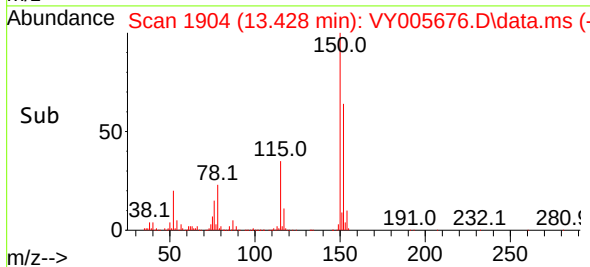
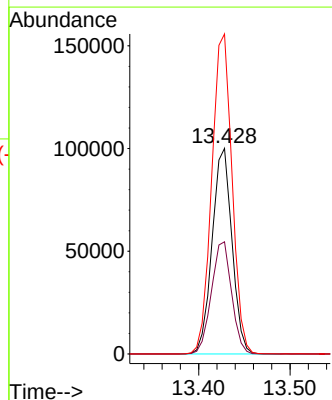
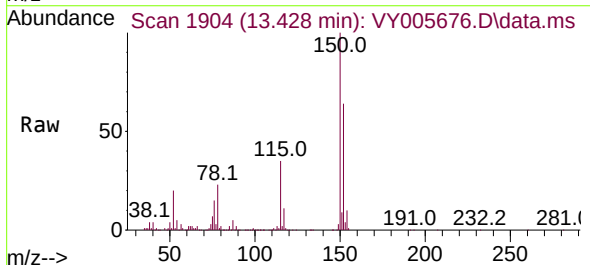
Instrument :
MSVOA_Y
ClientSampleId :
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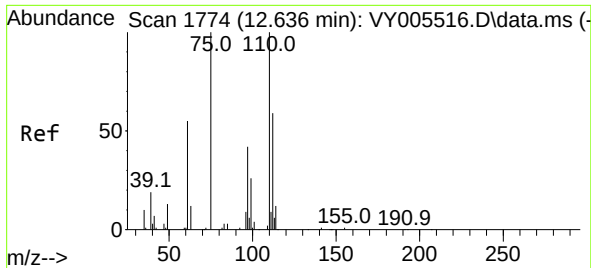
Tgt Ion:	117	Resp:	314786
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.5	65.3
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion:	152	Resp:	150870
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.3	81.9
150	159.0	0.0	350.2

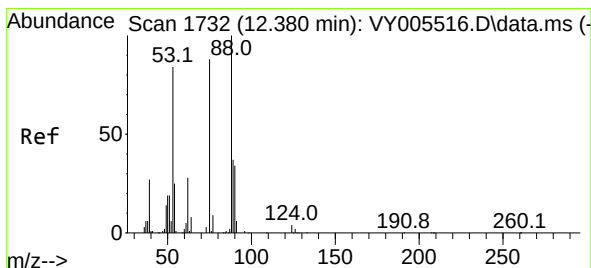
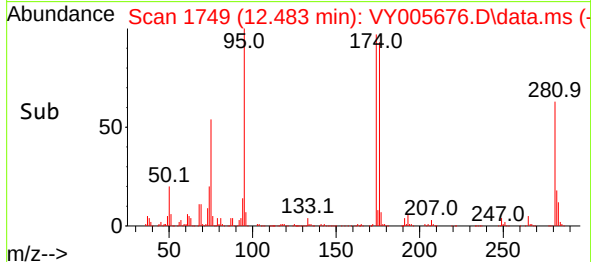
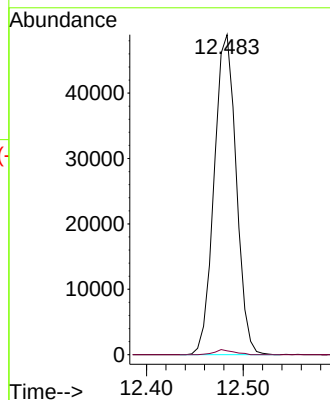
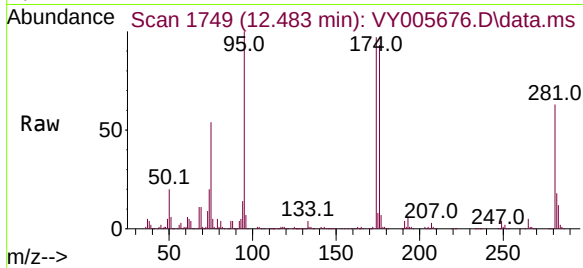




#76
1,2,3-Trichloropropane
Concen: 49.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
7

Tgt Ion: 75 Resp: 77491
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005676.D
Acq: 16 Aug 2021 17:27

Tgt Ion: 75 Resp: 77491
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.7 38.4 57.6#

