

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005671.D
 Acq On : 16 Aug 2021 15:31
 Operator : SY/MD
 Sample : M3431-02
 Misc : 5.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Aug 17 05:19:30 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)

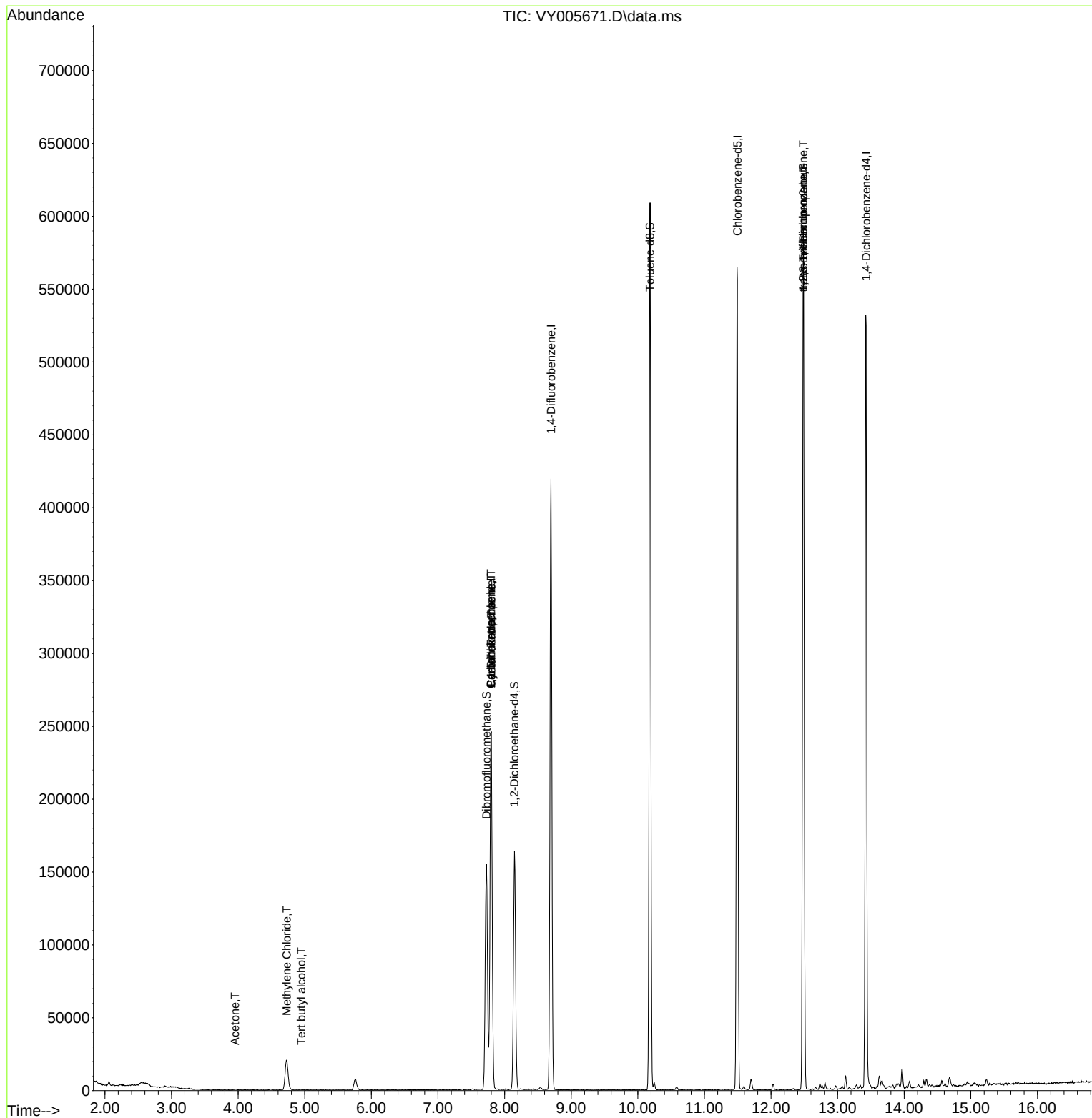
Internal Standards						
1) Pentafluorobenzene	7.801	168	202525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	346534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	302875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130423	63.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.240%	
35) Dibromofluoromethane	7.728	113	107102	55.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.400%	
50) Toluene-d8	10.185	98	390168	47.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.483	95	129454	48.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.080%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	538	2.655	ug/l #	73
16) Acetone	3.954	43	965	1.867	ug/l #	88
20) Methylene Chloride	4.728	84	15942	1.954	ug/l	91
31) Cyclohexane	7.801	56	3772	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14005	4.309	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18762	5.311	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72806	50.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72806	101.305	ug/l #	11

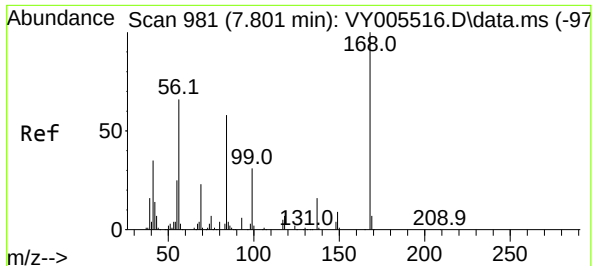
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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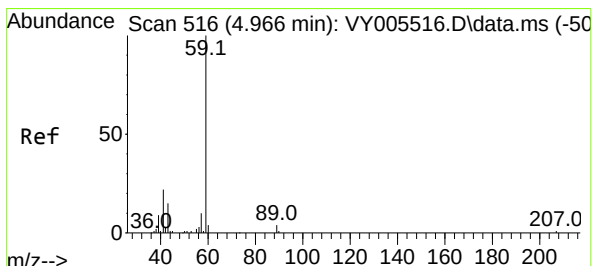
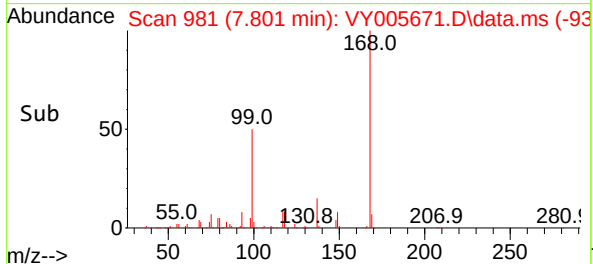
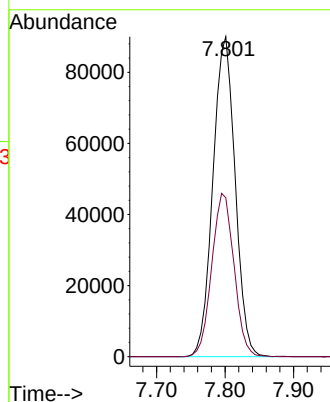
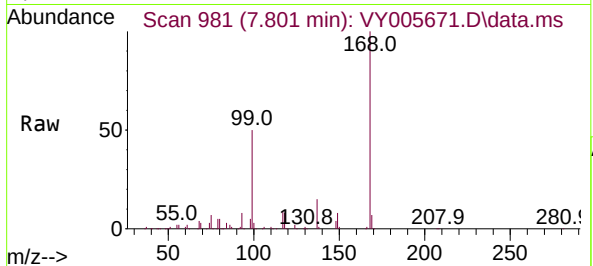




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

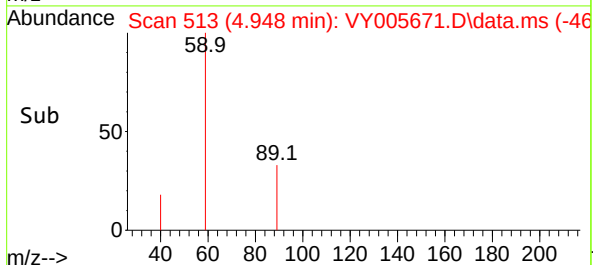
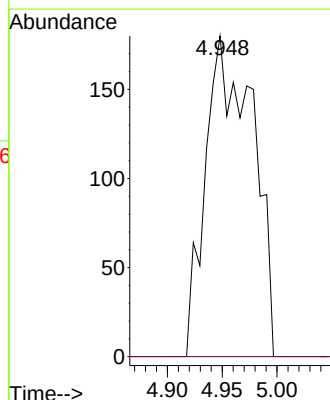
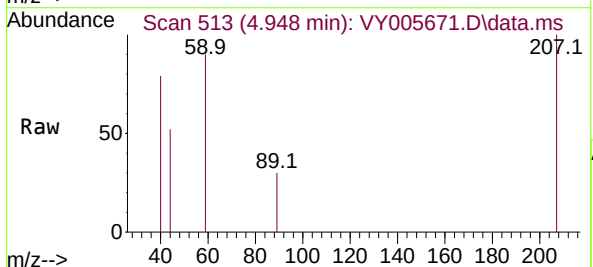
Instrument :
MSVOA_Y
ClientSampleId :
2

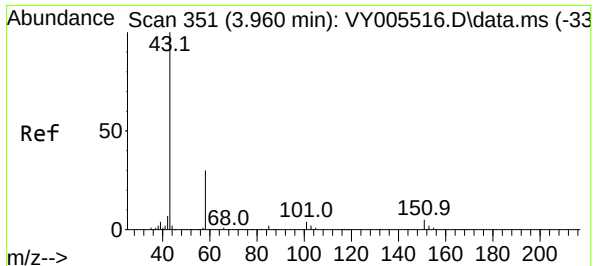
Tgt Ion:168 Resp: 202525
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.655 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

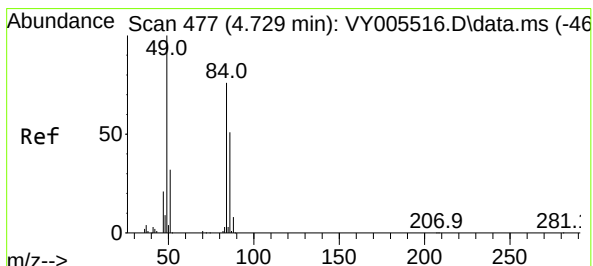
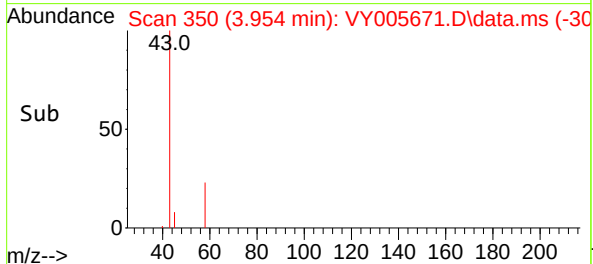
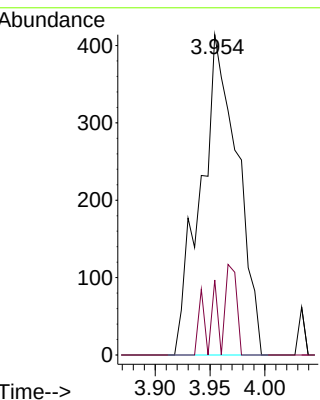
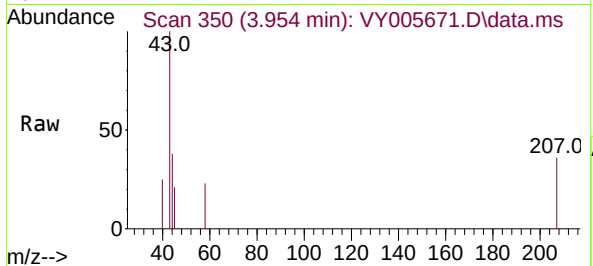




#16
Acetone
Concen: 1.867 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

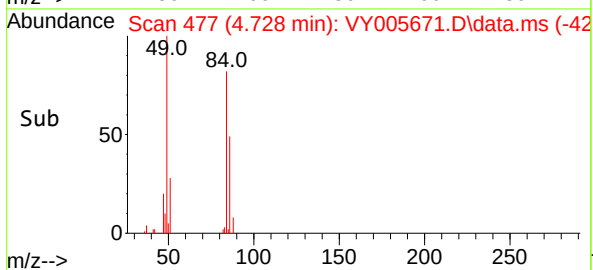
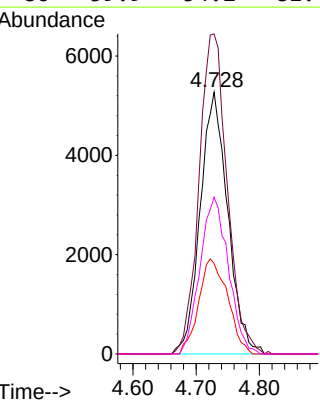
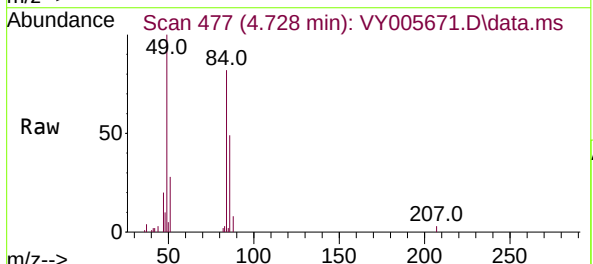
Instrument :
MSVOA_Y
ClientSampled :
2

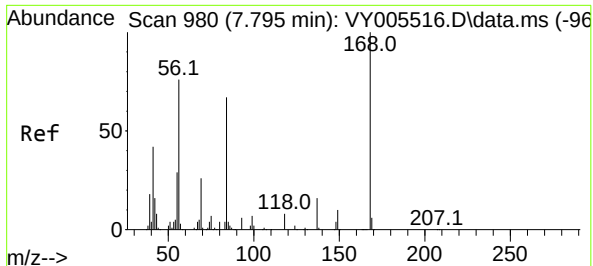
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.6#



#20
Methylene Chloride
Concen: 1.954 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion: 84 Resp: 15942
Ion Ratio Lower Upper
84 100
49 122.3 105.8 158.6
51 34.5 33.4 50.2
86 59.9 54.2 81.4

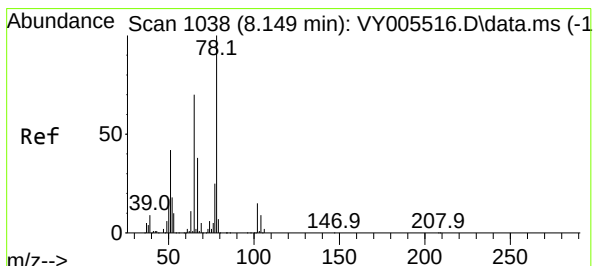
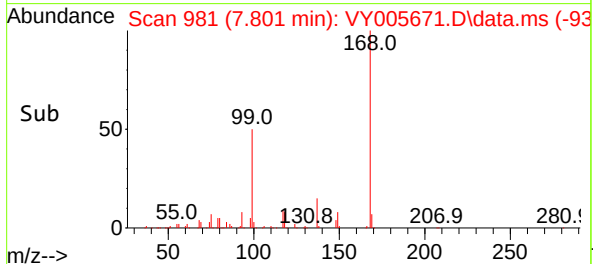
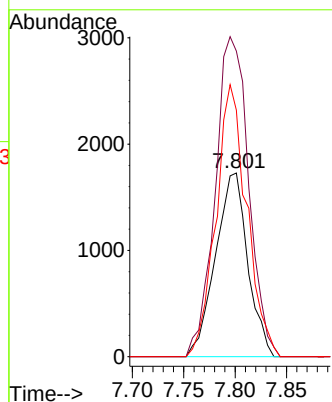
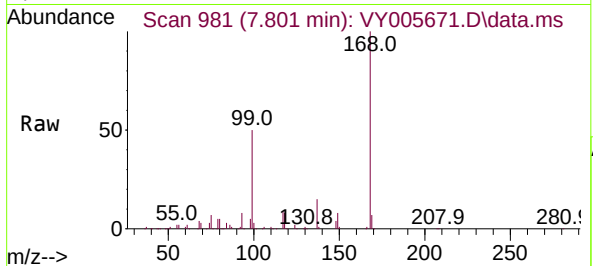




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

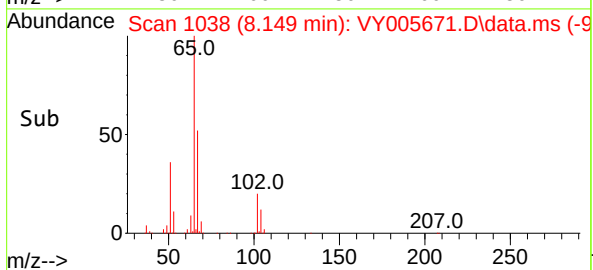
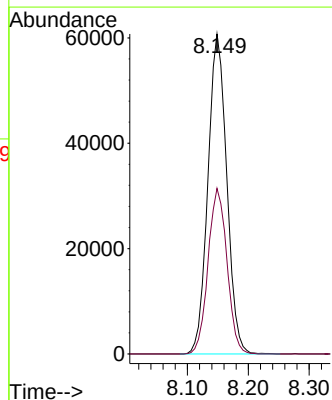
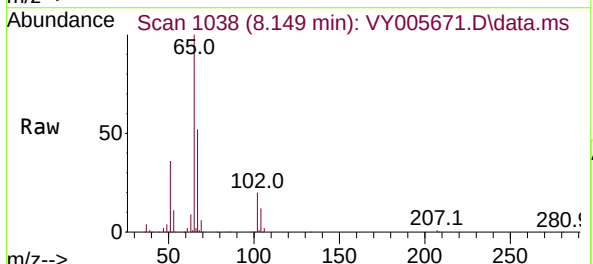
Instrument :
MSVOA_Y
ClientSampled :
2

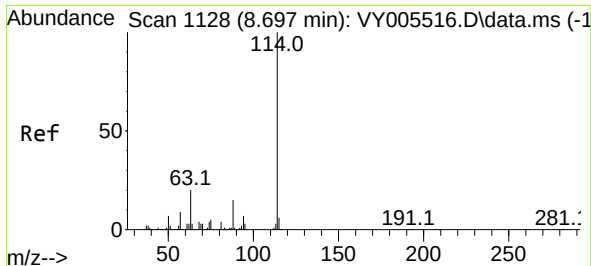
Tgt Ion: 56 Resp: 3772
Ion Ratio Lower Upper
56 100
69 166.3 27.7 41.5#
84 134.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.619 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion: 65 Resp: 130423
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

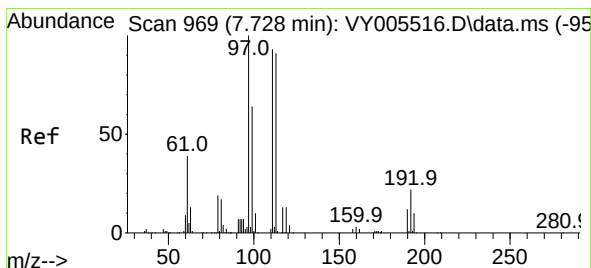
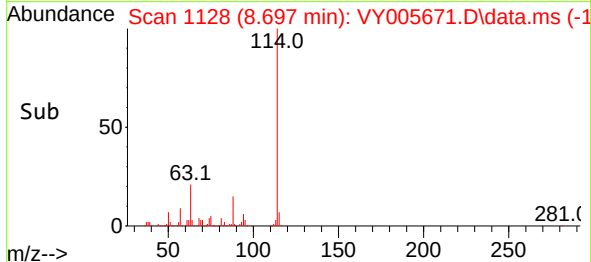
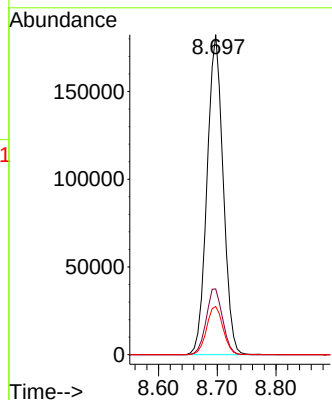
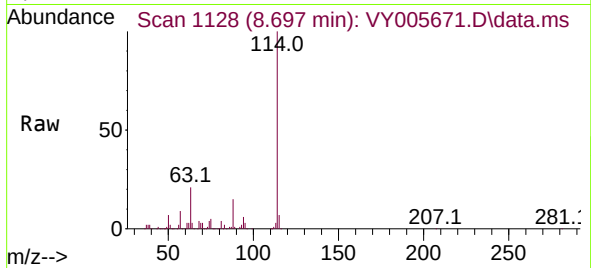




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

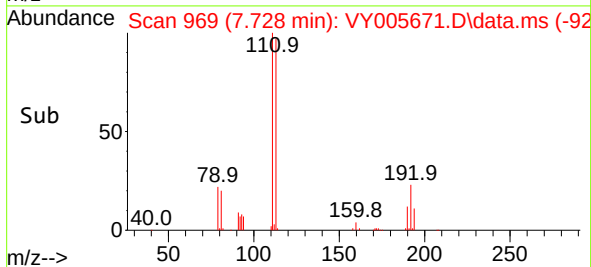
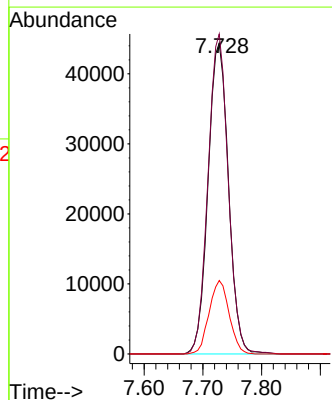
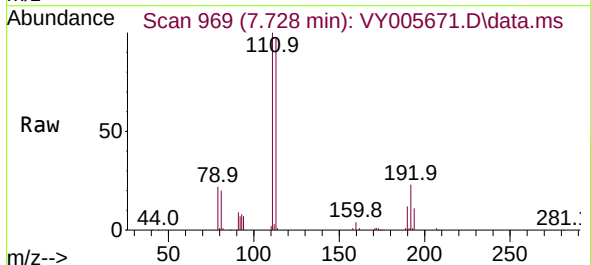
Instrument :
MSVOA_Y
ClientSampled :
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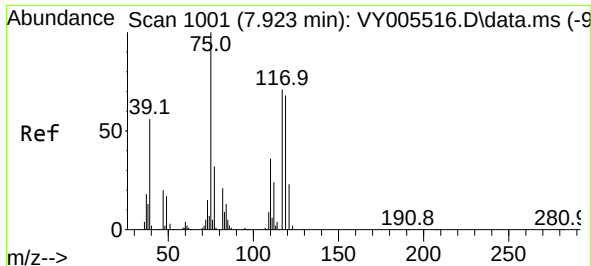
Tgt Ion:114 Resp: 346534
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.203 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion:113 Resp: 107102
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005671.D

Acq: 16 Aug 2021 15:31

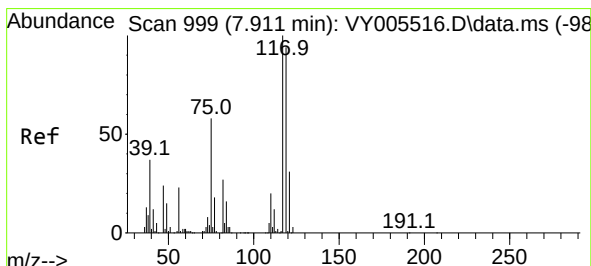
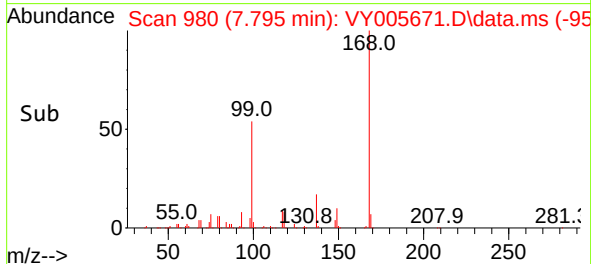
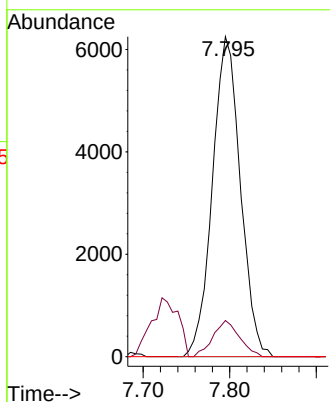
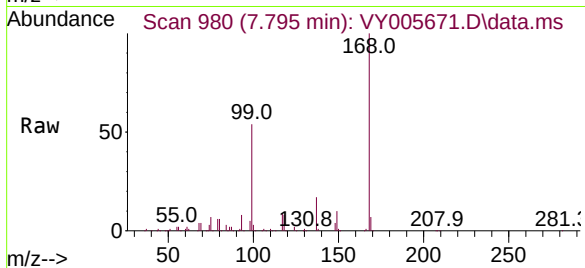
Instrument :

MSVOA_Y

ClientSampleId :

2

Tgt Ion:	75	Resp:	14005
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.311 ug/l

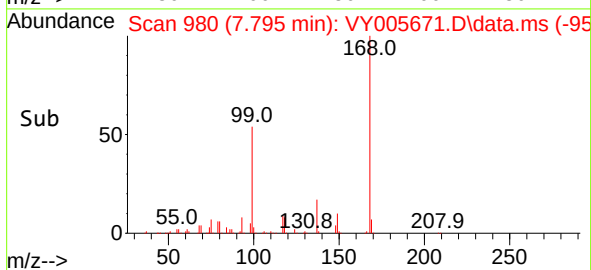
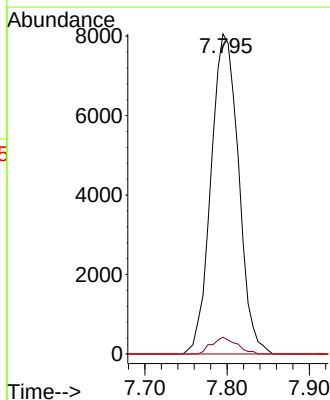
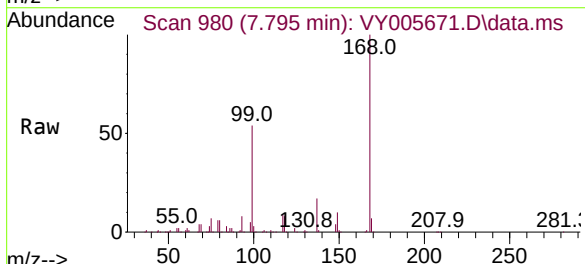
RT: 7.795 min Scan# 980

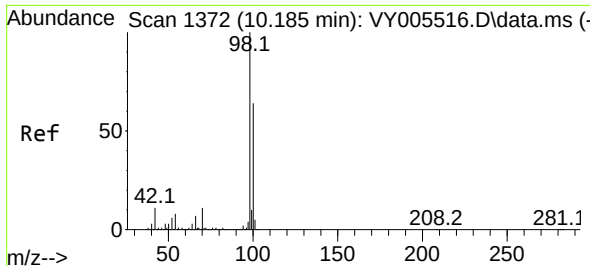
Delta R.T. -0.116 min

Lab File: VY005671.D

Acq: 16 Aug 2021 15:31

Tgt Ion:	117	Resp:	18762
Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.0#
121	0.0	25.1	37.7#

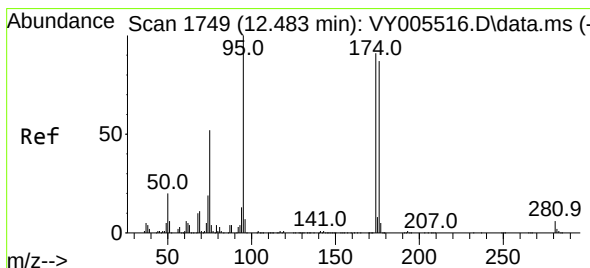
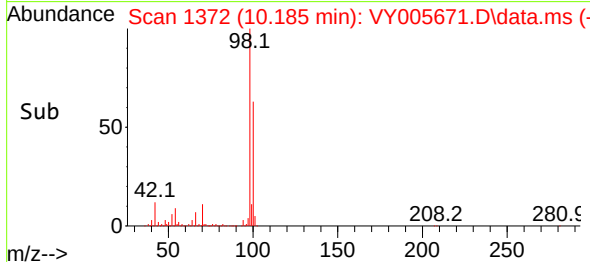
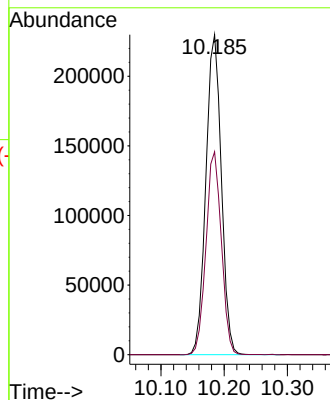
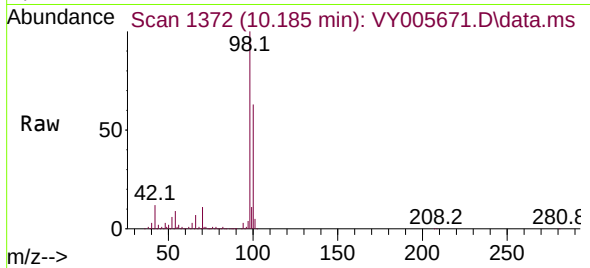




#50
Toluene-d8
Concen: 47.950 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

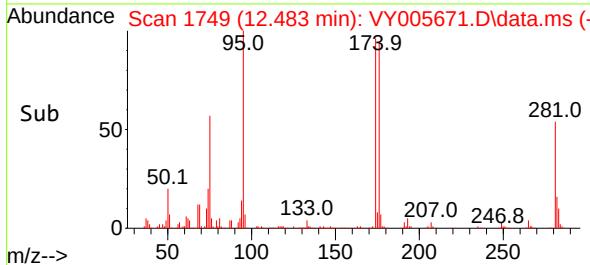
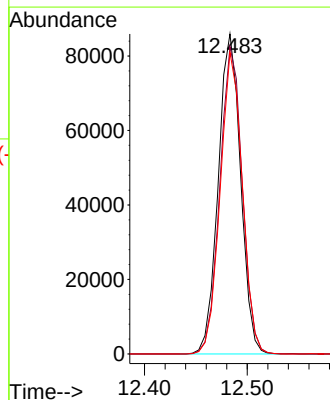
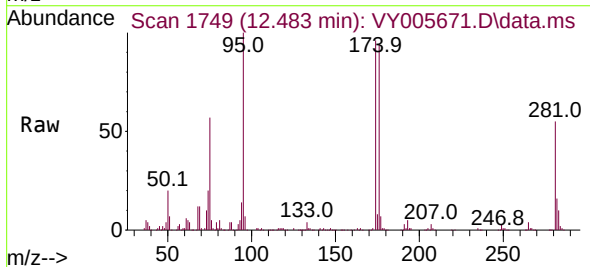
Instrument :
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ClientSampled :
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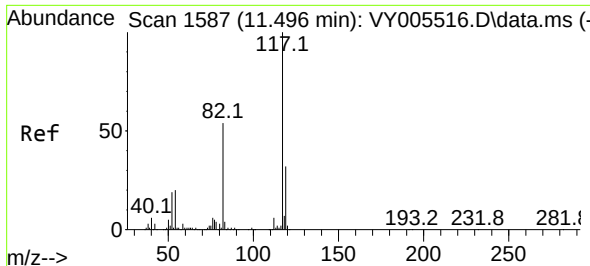
Tgt Ion: 98 Resp: 390168
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion: 95 Resp: 129454
Ion Ratio Lower Upper
95 100
174 96.3 0.0 191.4
176 93.1 0.0 183.6

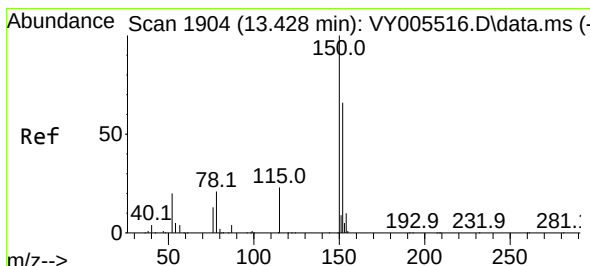
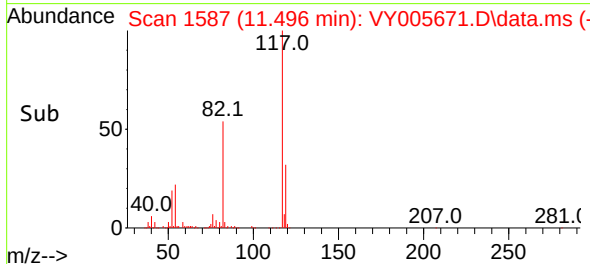
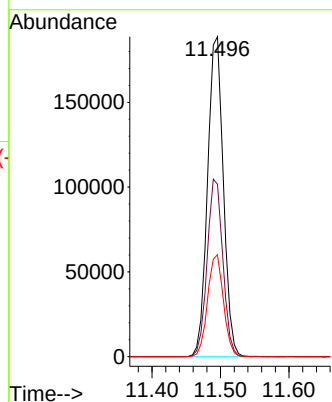
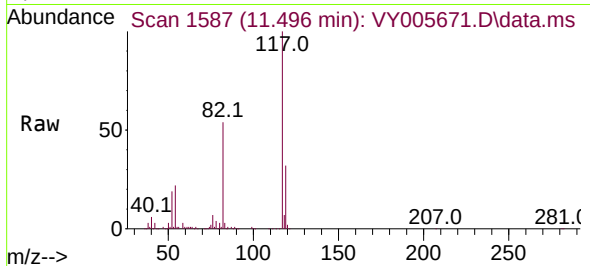




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

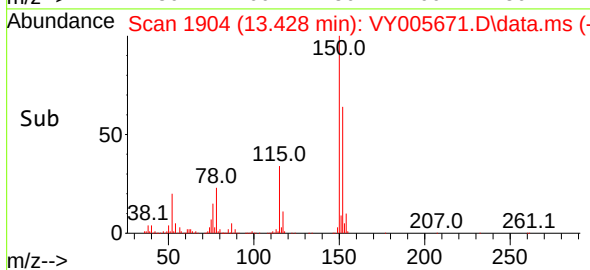
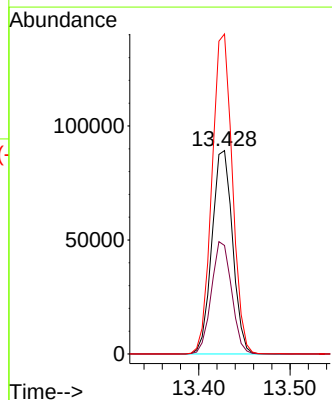
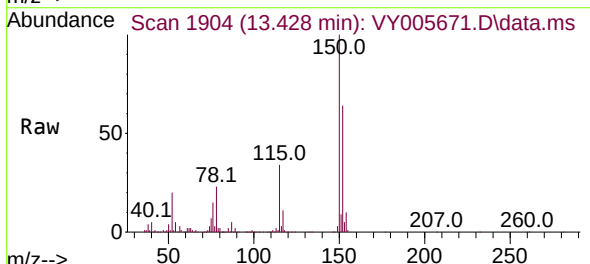
Instrument :
MSVOA_Y
ClientSampleId :
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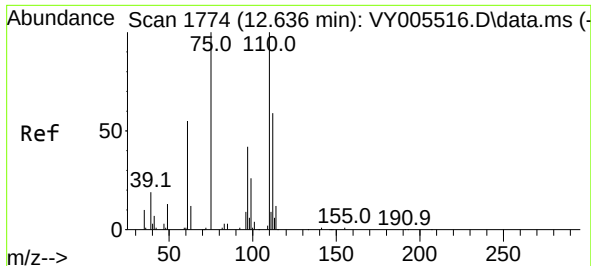
Tgt Ion:	117	Resp:	302875
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.5	65.3
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion:	152	Resp:	139804
Ion Ratio	Lower	Upper	
152	100		
115	54.1	27.3	81.9
150	155.2	0.0	350.2

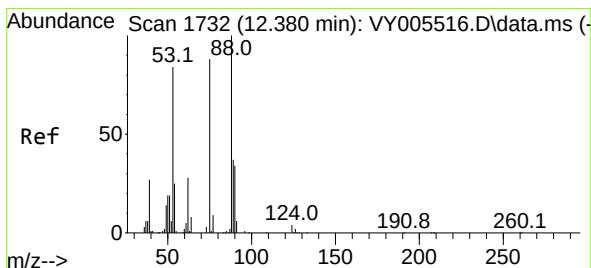
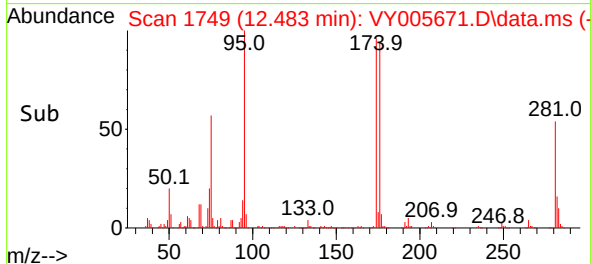
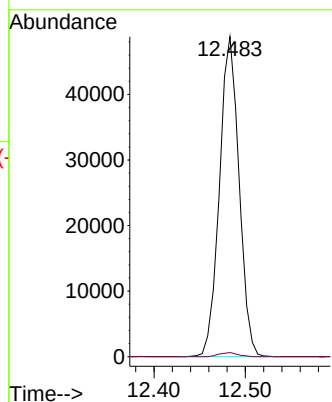
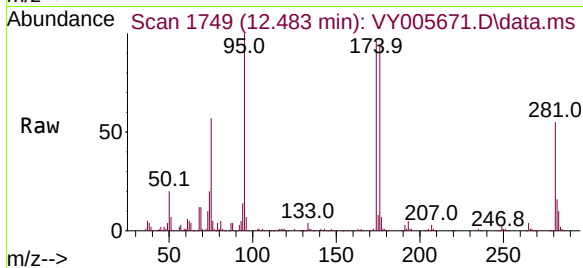




#76
1,2,3-Trichloropropane
Concen: 50.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Instrument :
MSVOA_Y
ClientSampled :
2

Tgt Ion: 75 Resp: 72806
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005671.D
Acq: 16 Aug 2021 15:31

Tgt Ion: 75 Resp: 72806
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.6 38.4 57.6#

