

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031621\
 Data File : VY004086.D
 Acq On : 16 Mar 2021 10:05
 Operator : SY/MD
 Sample : VY0316SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 17 01:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

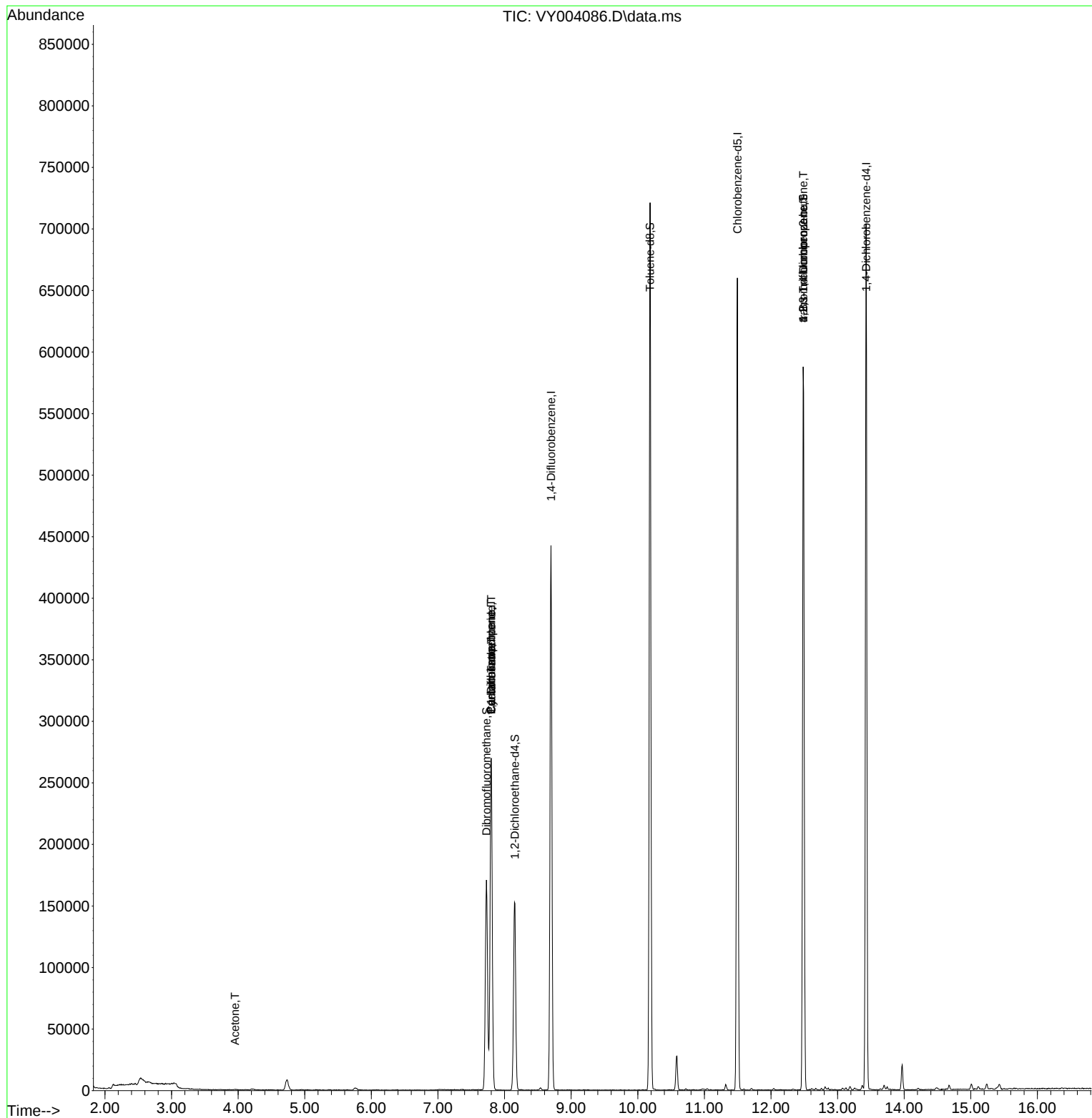
Internal Standards						
1) Pentafluorobenzene	7.801	168	218344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	361188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	120667	56.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.00%			
35) Dibromofluoromethane	7.728	113	118738	54.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.54%			
50) Toluene-d8	10.185	98	458443	53.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.88%			
62) 4-Bromofluorobenzene	12.483	95	167118	53.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.48%			
Target Compounds						
3) Chloromethane	2.119	50	1751	Below Cal	#	83
16) Acetone	3.954	43	881	1.69	ug/l	99
20) Methylene Chloride	4.729	84	6391	Below Cal		86
31) Cyclohexane	7.801	56	4350	1.15	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	15738	4.66	ug/l #	52
38) Carbon Tetrachloride	7.801	117	20884	5.83	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	87059	51.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87059	100.67	ug/l #	13

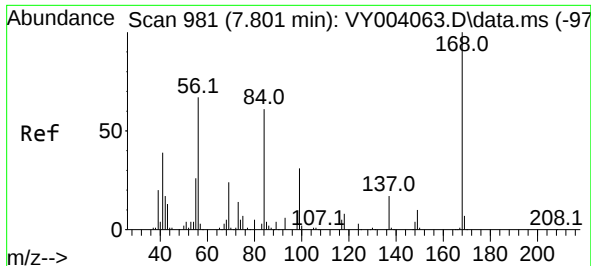
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Mar 17 01:38:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
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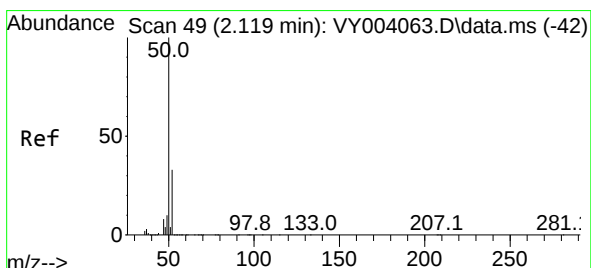
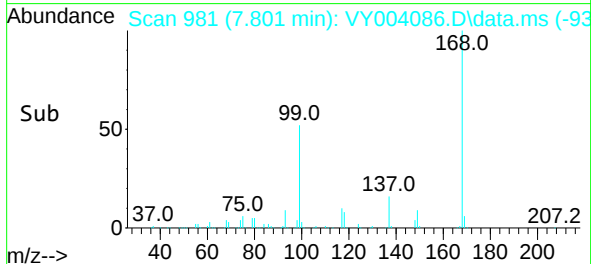
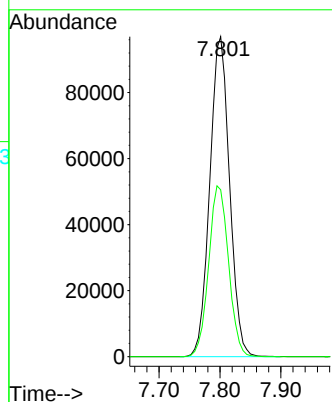
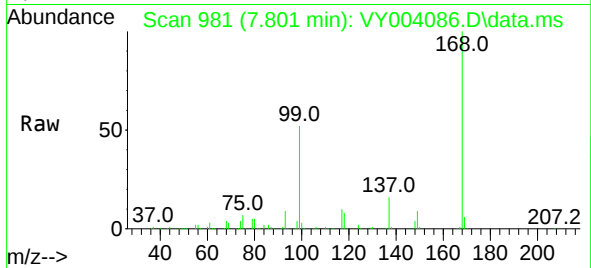




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

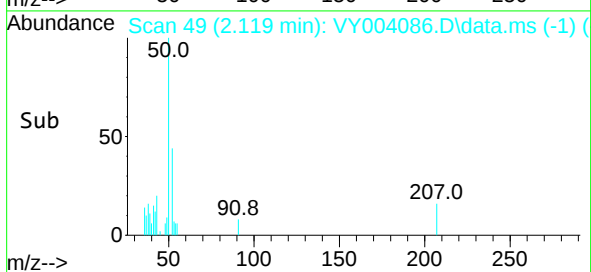
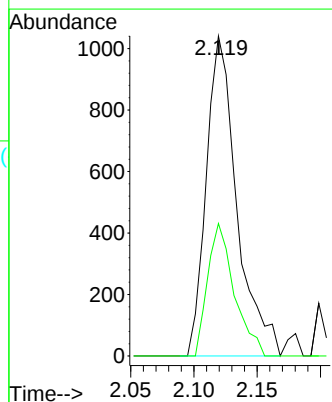
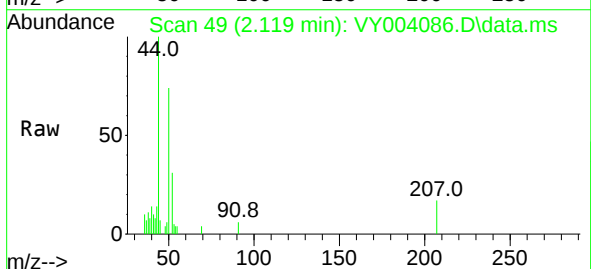
Instrument :
MSVOA_Y
ClientSampled :

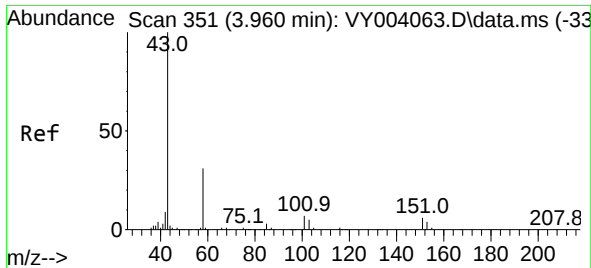
Tgt Ion:168 Resp: 218344
Ion Ratio Lower Upper
168 100
99 52.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion: 50 Resp: 1751
Ion Ratio Lower Upper
50 100
52 41.4 25.4 38.2#

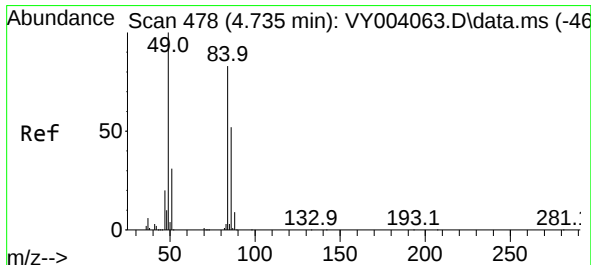
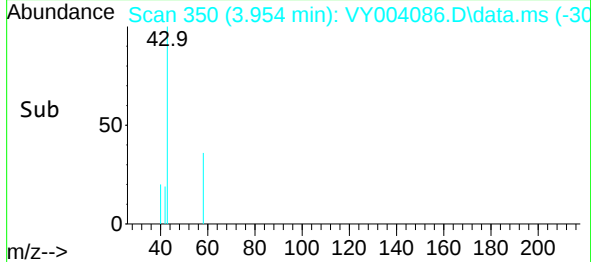
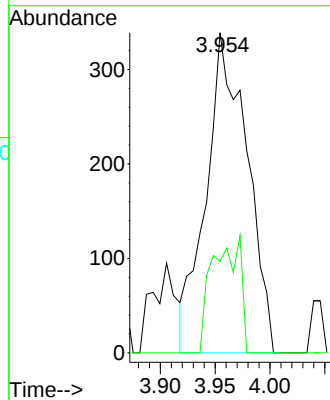
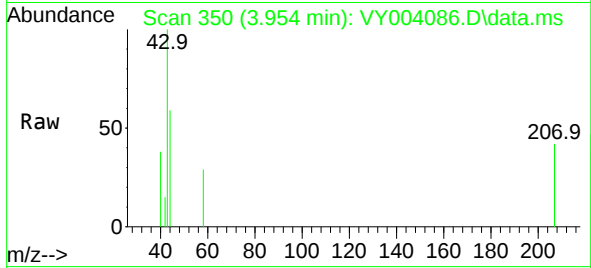




#16
Acetone
Concen: 1.69 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

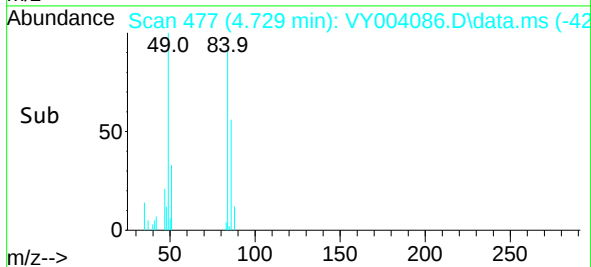
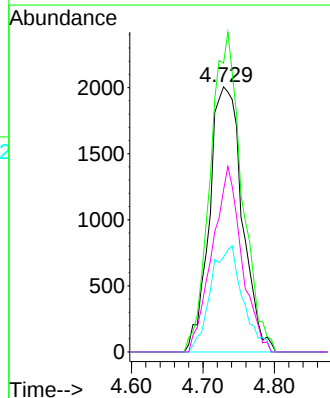
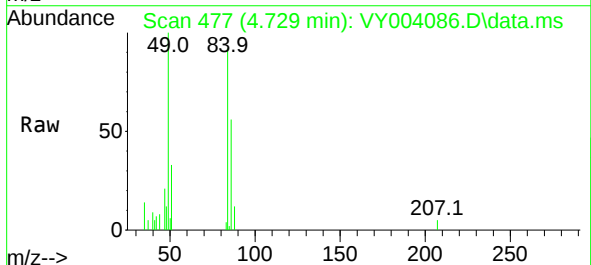
Instrument :
MSVOA_Y
ClientSampled :

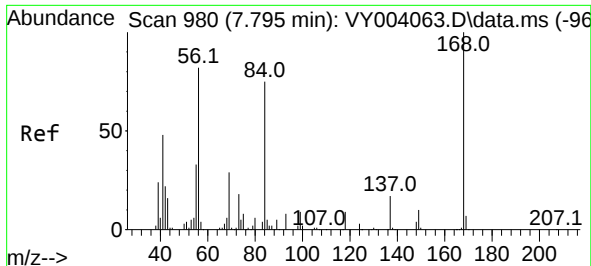
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 28.6 22.6 34.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion: 84 Resp: 6391
Ion Ratio Lower Upper
84 100
49 108.9 105.8 158.6
51 35.8 32.6 48.8
86 61.1 52.1 78.1

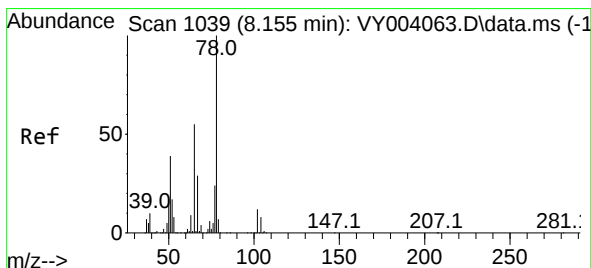
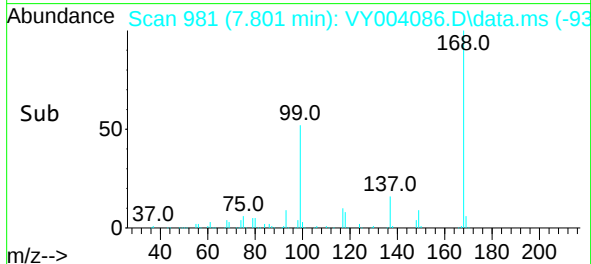
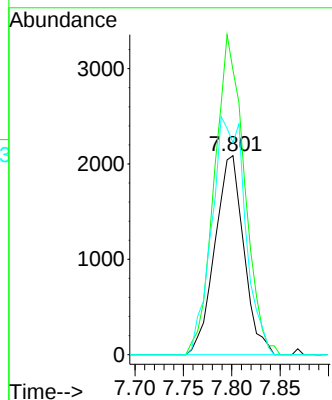
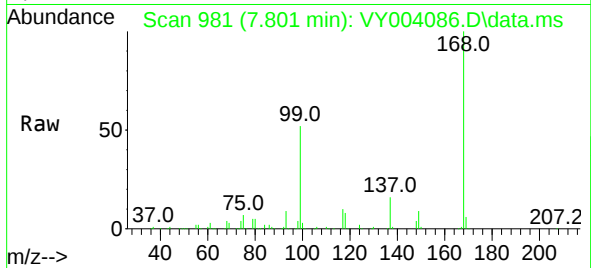




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

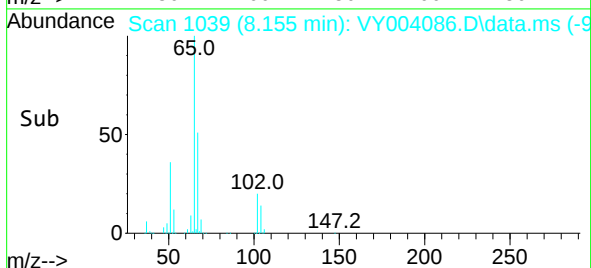
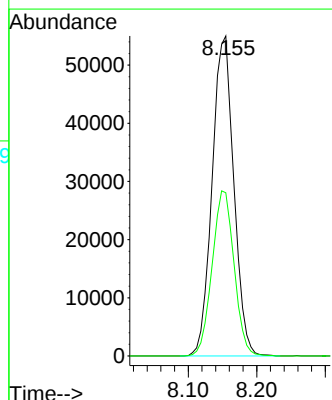
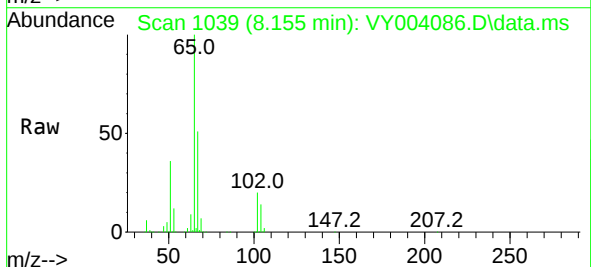
Instrument :
MSVOA_Y
ClientSampled :

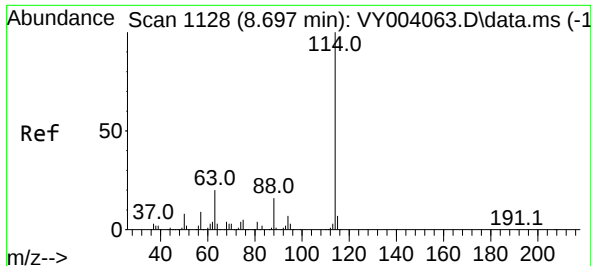
Tgt Ion: 56 Resp: 4350
Ion Ratio Lower Upper
56 100
69 142.9 25.3 37.9#
84 106.5 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 56.00 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion: 65 Resp: 120667
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

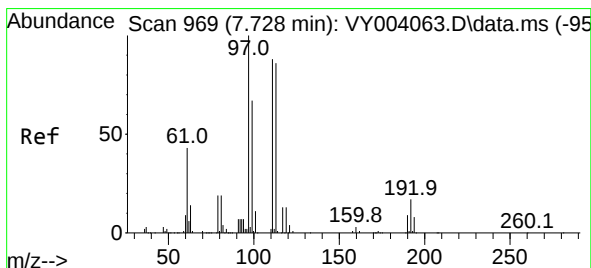
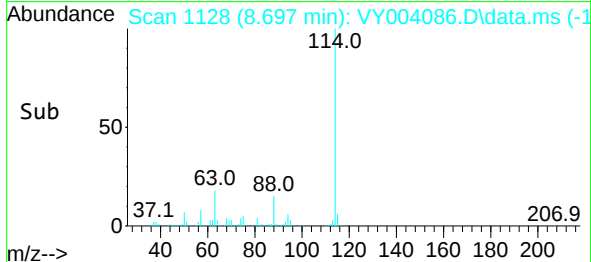
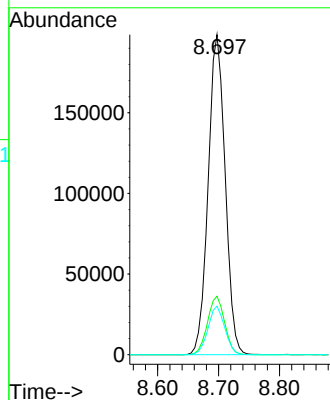
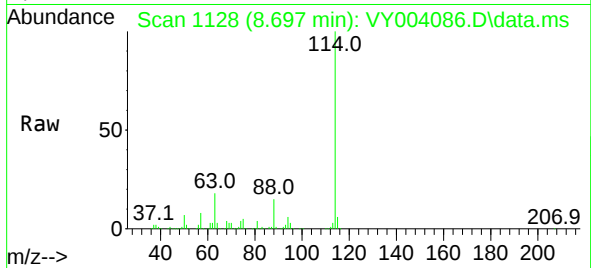




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

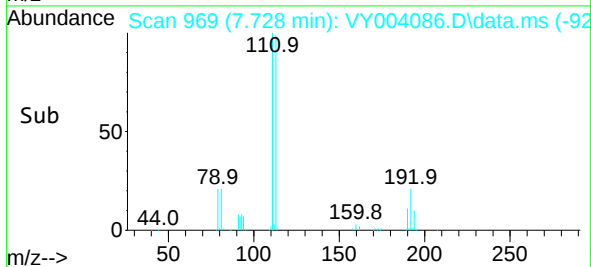
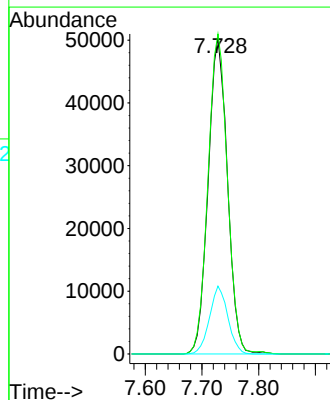
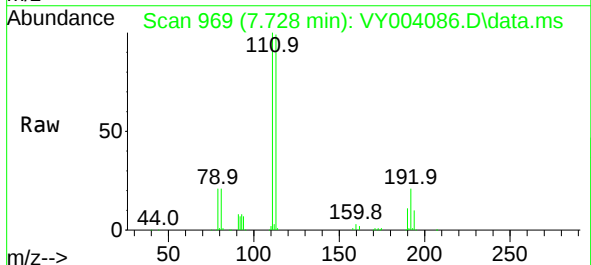
Instrument :
MSVOA_Y
ClientSampled :

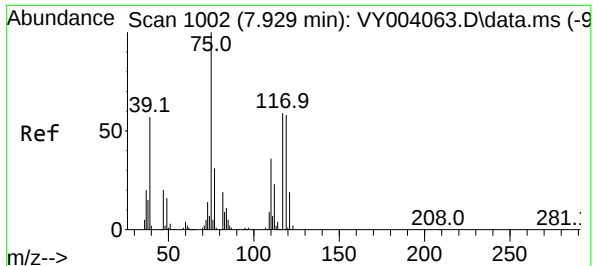
Tgt Ion:	114	Resp:	384421
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	41.6
88	15.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.77 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion:	113	Resp:	118738
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.2	124.8
192	20.4	18.5	27.7





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 7.795 min Scan# 980

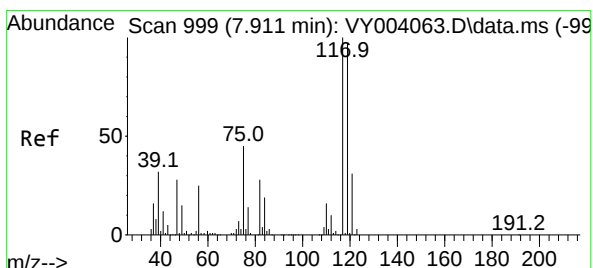
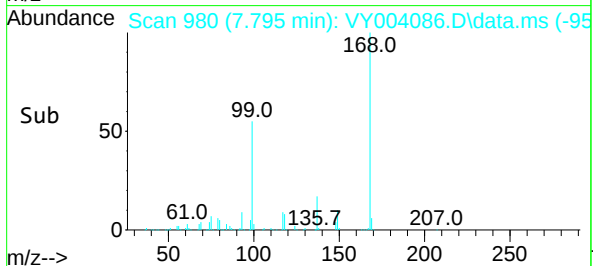
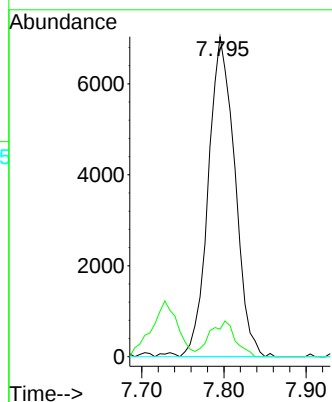
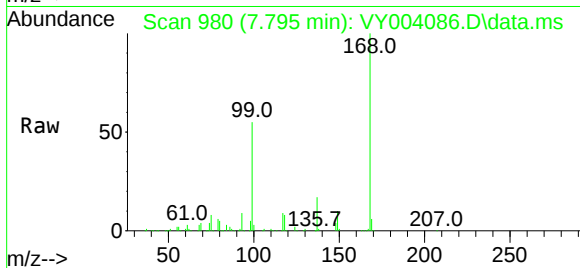
Delta R.T. -0.134 min

Lab File: VY004086.D

Acq: 16 Mar 2021 10:05

Tgt Ion:	75	Resp:	15738
Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.4	52.3#
77	0.0	24.5	36.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.83 ug/l

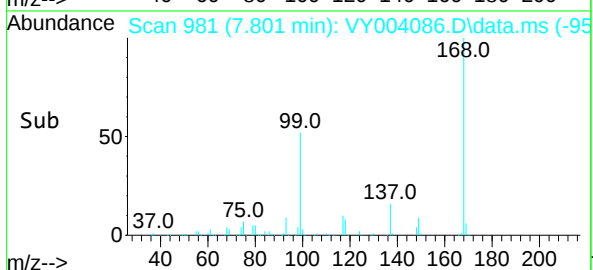
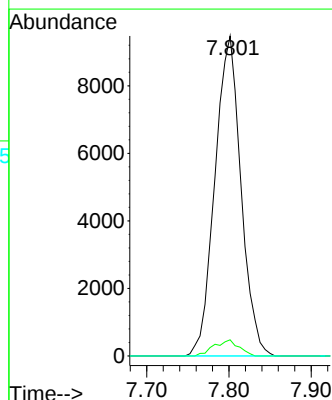
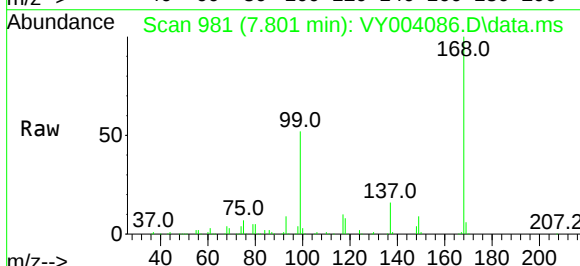
RT: 7.801 min Scan# 981

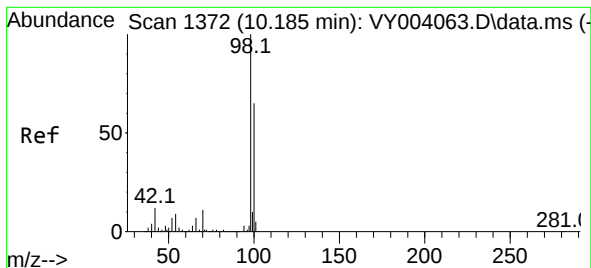
Delta R.T. -0.110 min

Lab File: VY004086.D

Acq: 16 Mar 2021 10:05

Tgt Ion:	117	Resp:	20884
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.4	113.0#
121	0.0	24.2	36.2#

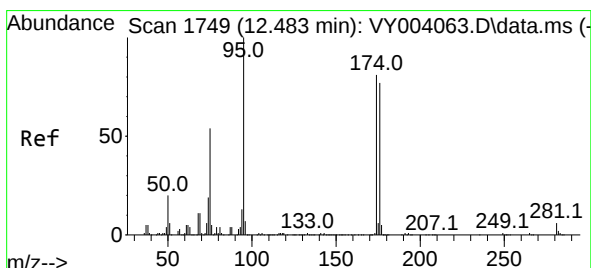
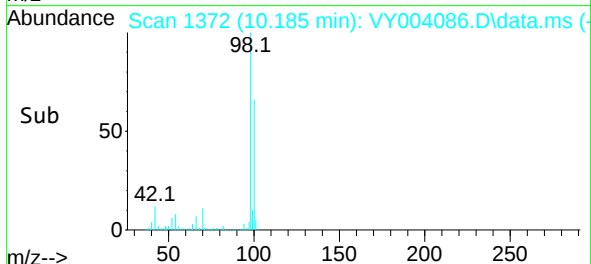
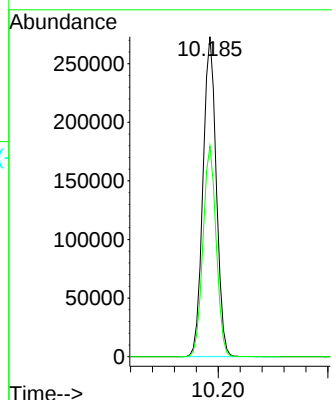
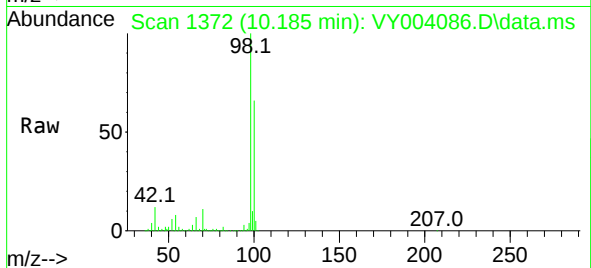




#50
Toluene-d8
Concen: 53.94 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

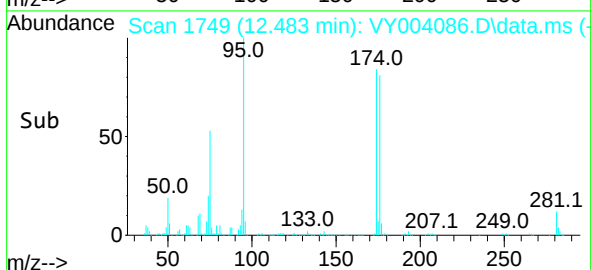
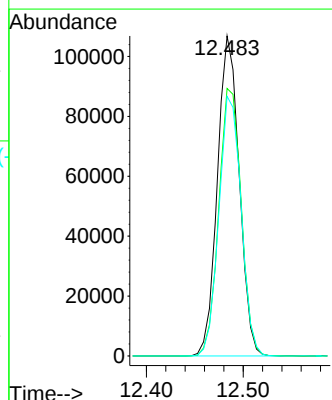
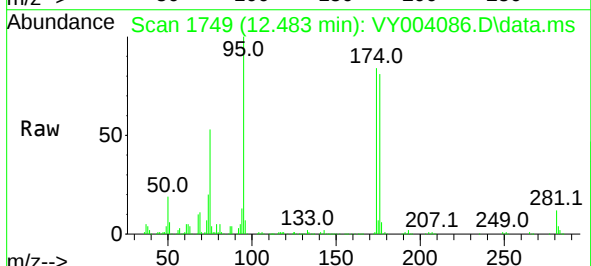
Instrument :
MSVOA_Y
ClientSampled :

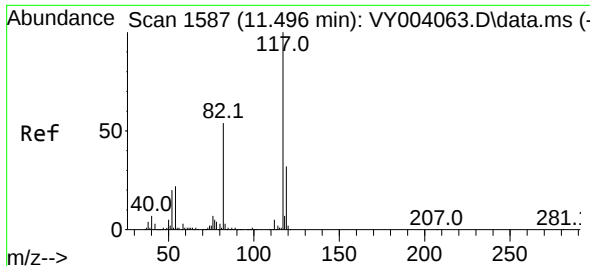
Tgt Ion: 98 Resp: 458443
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion: 95 Resp: 167118
Ion Ratio Lower Upper
95 100
174 85.9 0.0 179.0
176 82.9 0.0 174.4

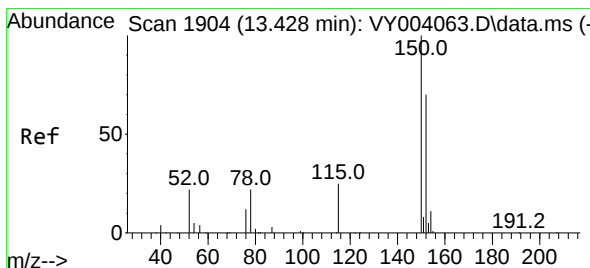
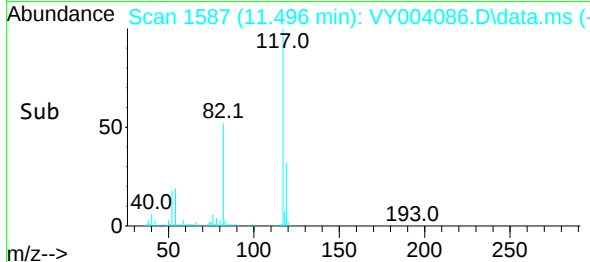
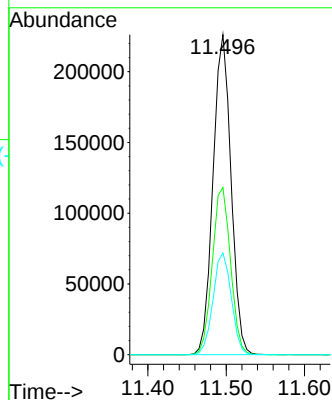
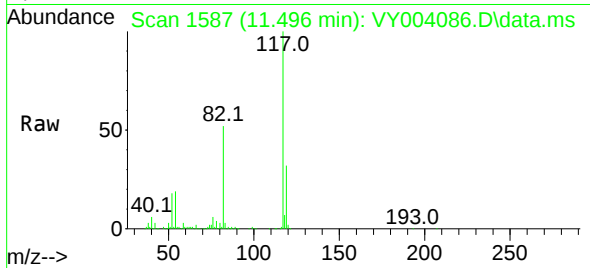




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

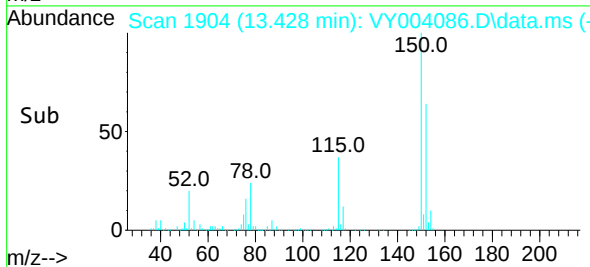
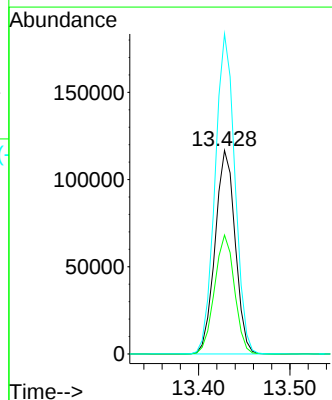
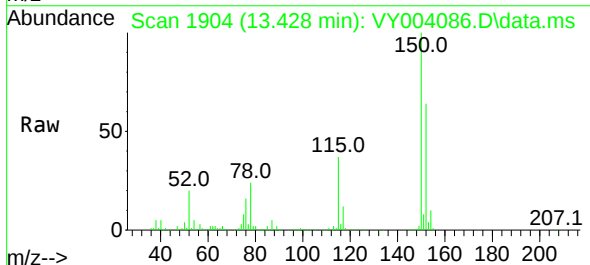
Instrument :
MSVOA_Y
ClientSampleId :

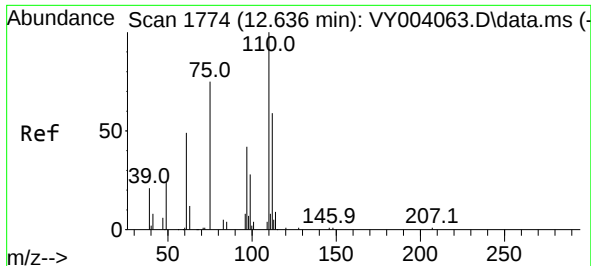
Tgt Ion:117 Resp: 361188
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.6
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion:152 Resp: 178001
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.6
150 155.8 0.0 347.2

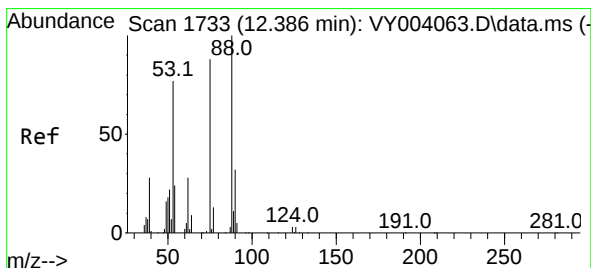
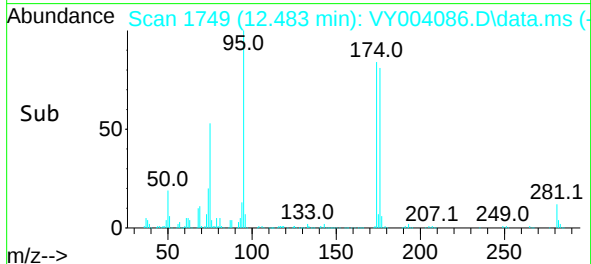
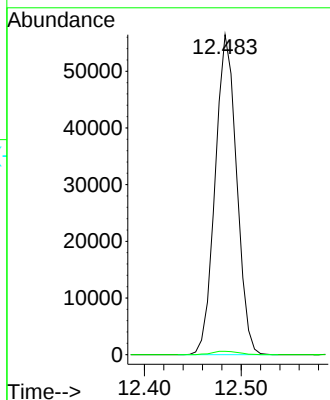
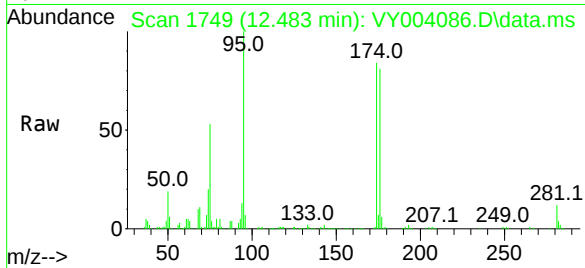




#76
1,2,3-Trichloropropane
Concen: 51.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 87059
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004086.D
Acq: 16 Mar 2021 10:05

Tgt Ion: 75 Resp: 87059
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.2 35.7 53.5#

