

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003966.D
 Acq On : 03 Feb 2021 17:52
 Operator : SY/MD
 Sample : M1291-02
 Misc : 7.91g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

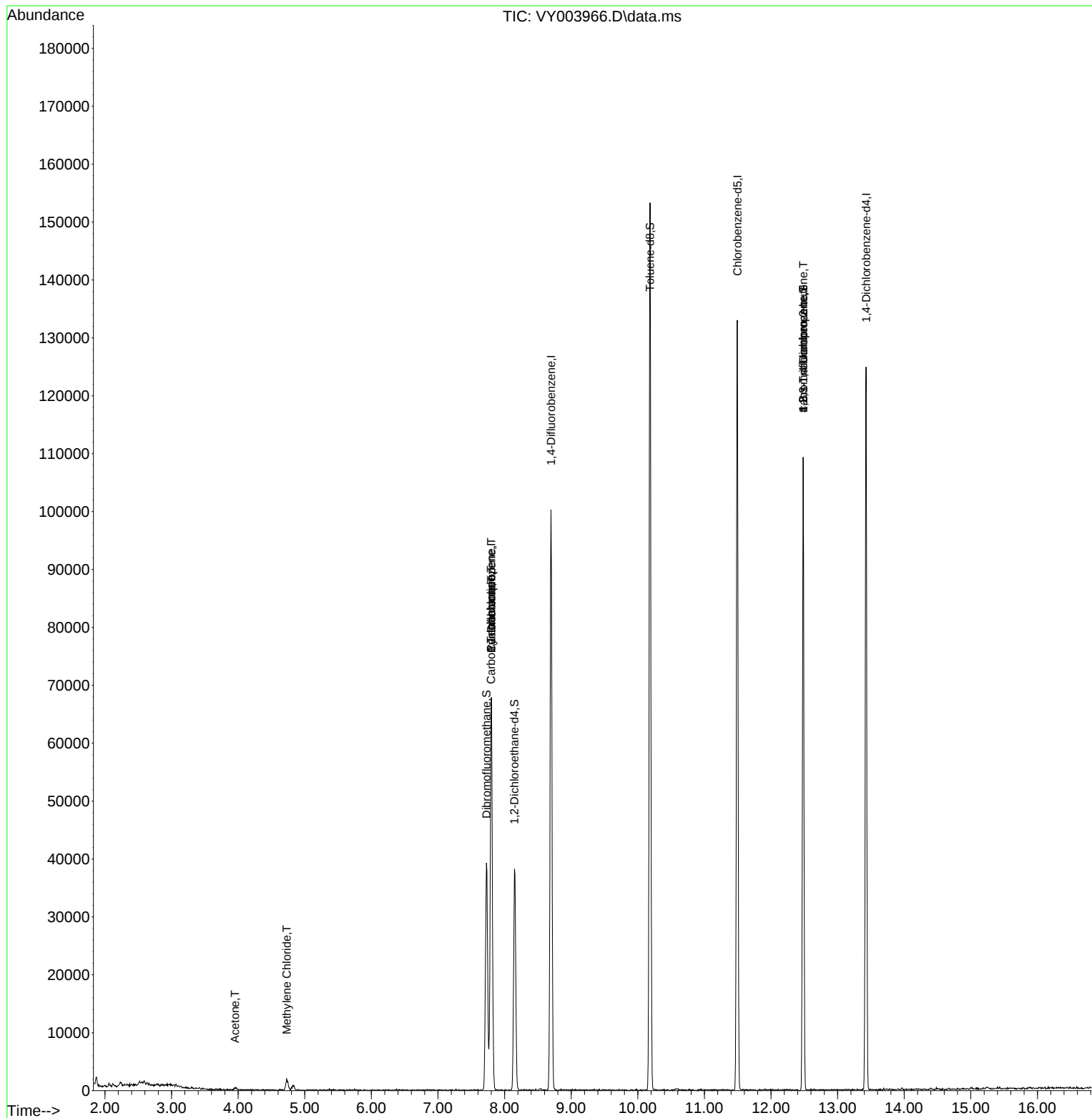
Internal Standards						
1) Pentafluorobenzene	7.801	168	52654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	82305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	72227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31855	55.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.04%			
35) Dibromofluoromethane	7.728	113	26968	56.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.08%			
50) Toluene-d8	10.185	98	98348	52.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.16%			
62) 4-Bromofluorobenzene	12.483	95	31128	45.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.44%			
Target Compounds						
11) Tert butyl alcohol	4.972	59	20	Below Cal	#	77
16) Acetone	3.954	43	811	5.71	ug/l #	82
20) Methylene Chloride	4.728	84	1308	2.17	ug/l #	79
31) Cyclohexane	7.801	56	977	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	3871	4.65	ug/l #	48
38) Carbon Tetrachloride	7.795	117	5156	5.73	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	16957	52.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16957	100.22	ug/l #	11

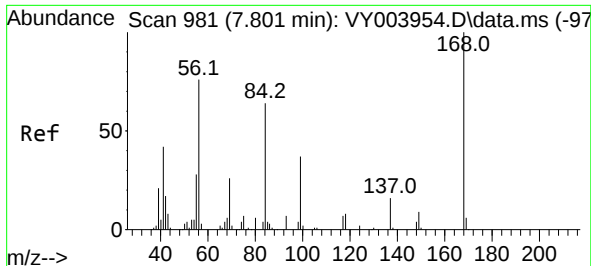
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Title : SW846 8260
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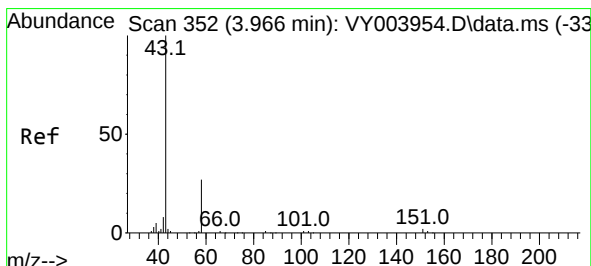
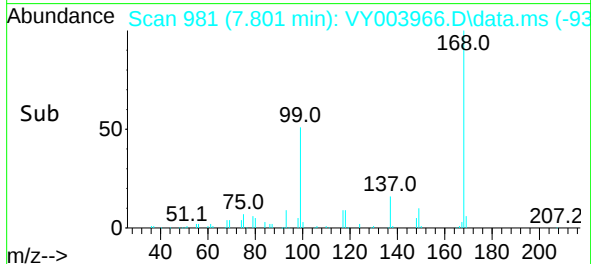
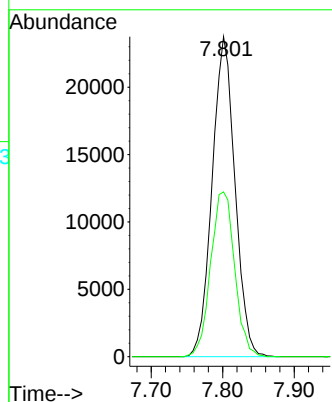
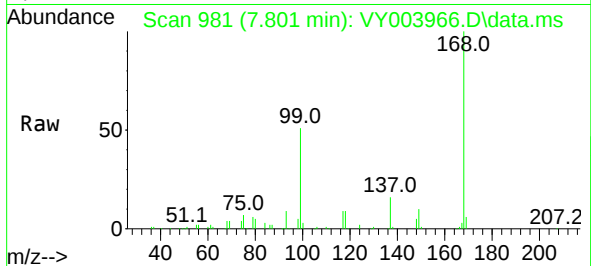




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

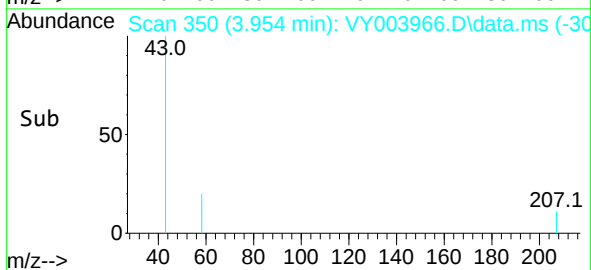
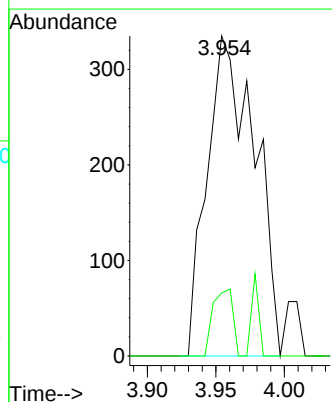
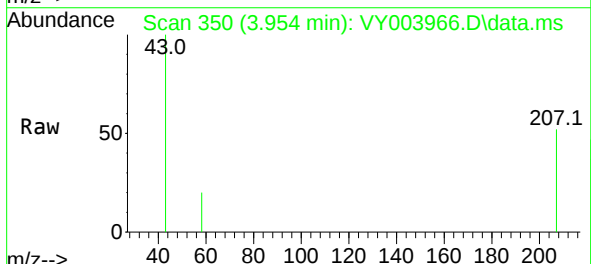
Instrument :
MSVOA_Y
ClientSampleId :

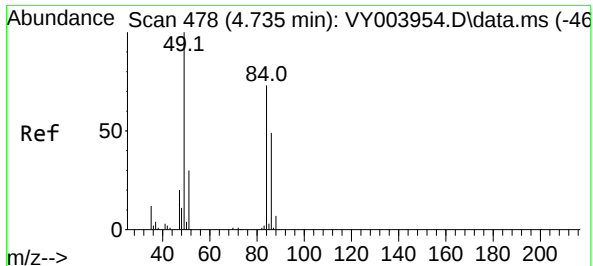
Tgt Ion:168 Resp: 52654
Ion Ratio Lower Upper
168 100
99 51.5 46.1 69.1



#16
Acetone
Concen: 5.71 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

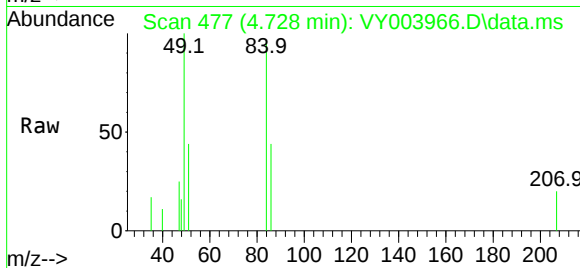
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 19.7 23.4 35.0#



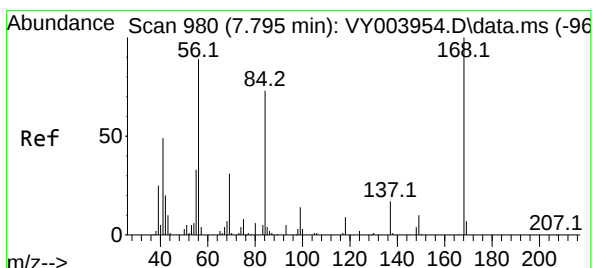
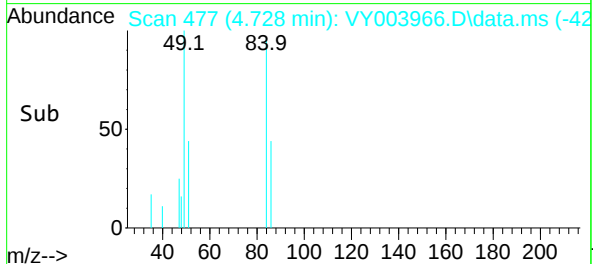
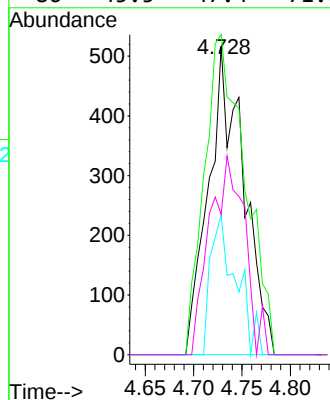


#20
Methylene Chloride
Concen: 2.17 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Instrument :
MSVOA_Y
ClientSampleId :

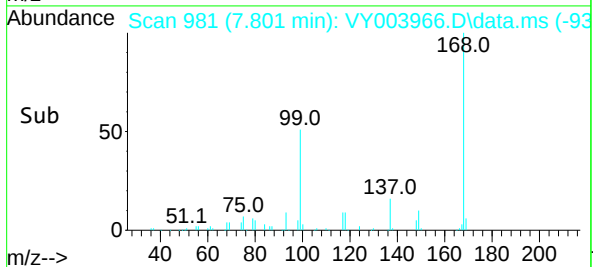
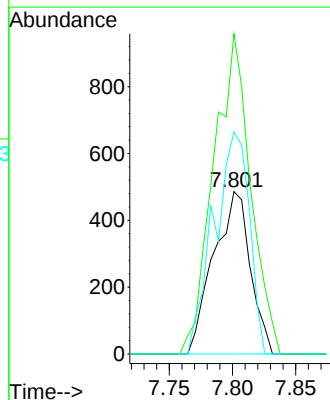
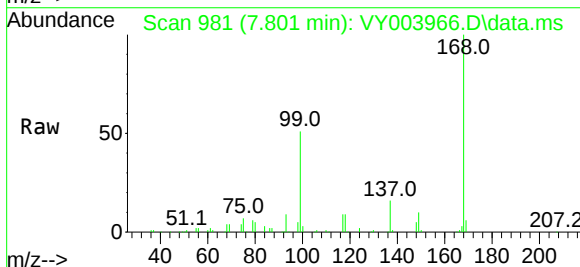


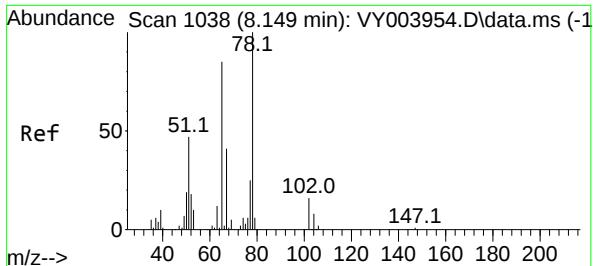
Tgt Ion:	84	Resp:	1308
Ion	Ratio	Lower	Upper
84	100		
49	103.7	107.0	160.4#
51	45.3	31.9	47.9
86	45.5	47.4	71.0#



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Tgt Ion:	56	Resp:	977
Ion	Ratio	Lower	Upper
56	100		
69	197.1	25.0	37.4#
84	136.8	64.5	96.7#

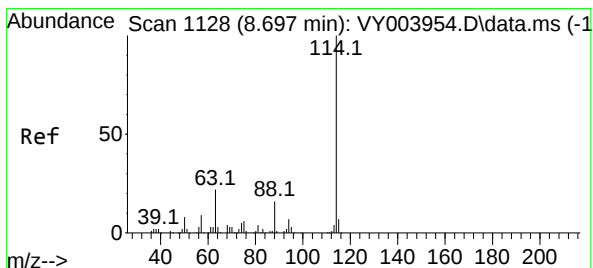
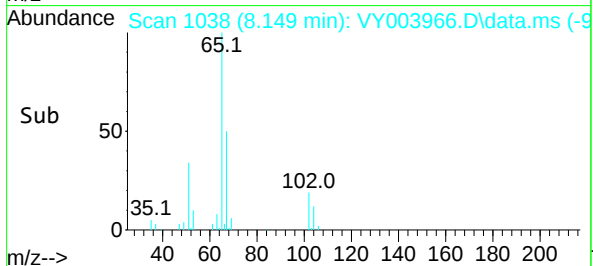
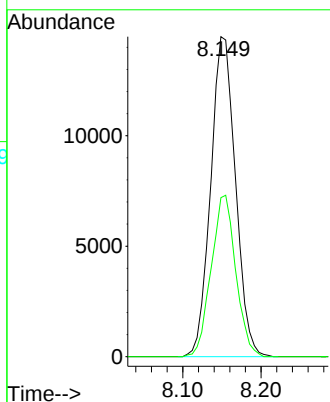
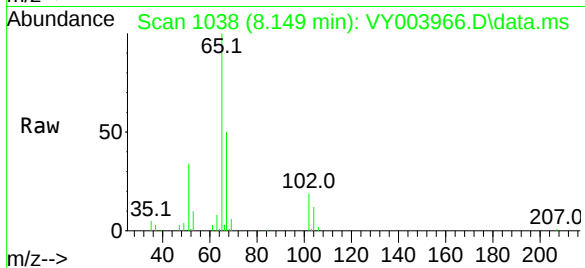




#33
1,2-Dichloroethane-d4
Concen: 55.02 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

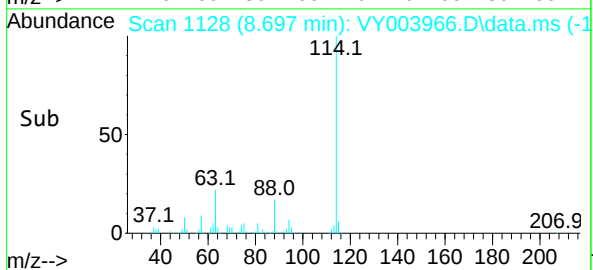
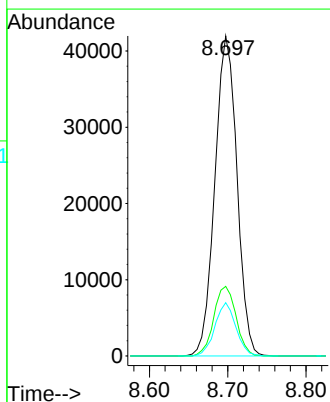
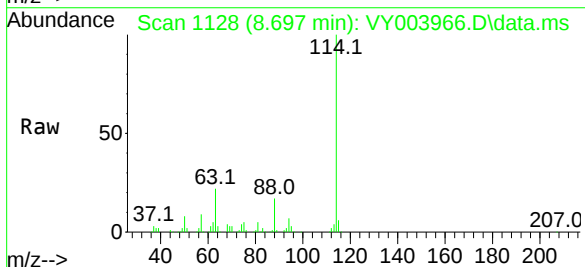
Instrument :
MSVOA_Y
ClientSampleId :

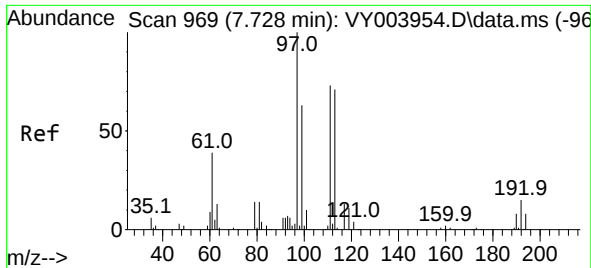
Tgt Ion: 65 Resp: 31855
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Tgt Ion: 114 Resp: 82305
Ion Ratio Lower Upper
114 100
63 21.8 0.0 47.2
88 16.6 0.0 30.2

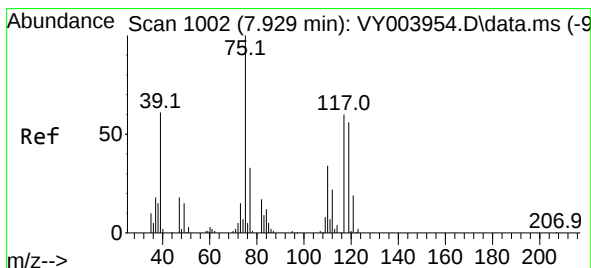
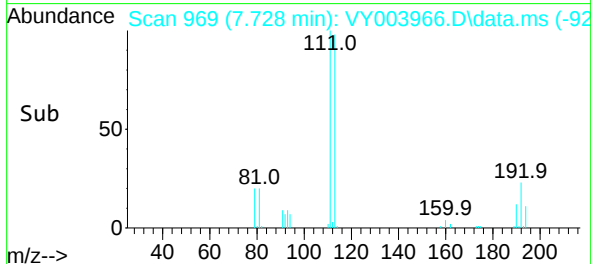
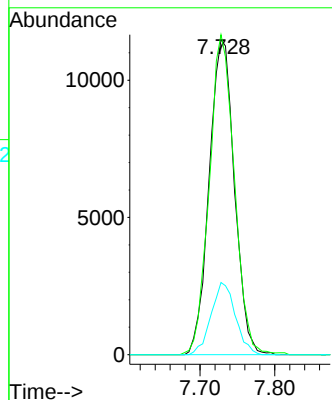
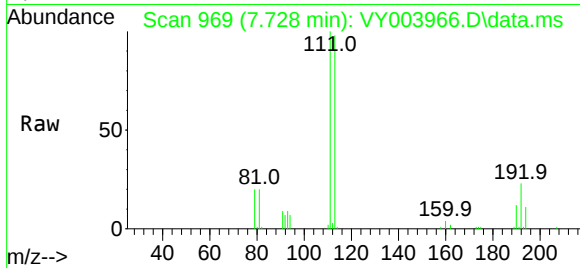




#35
Dibromofluoromethane
Concen: 56.04 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

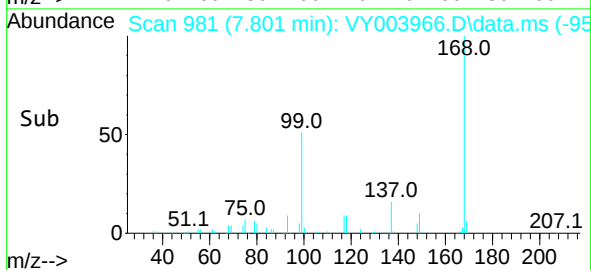
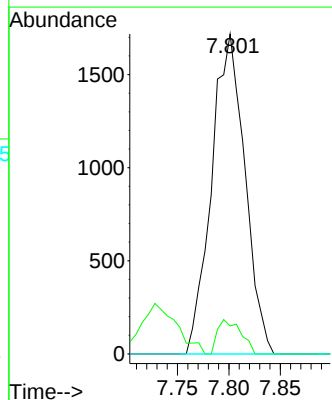
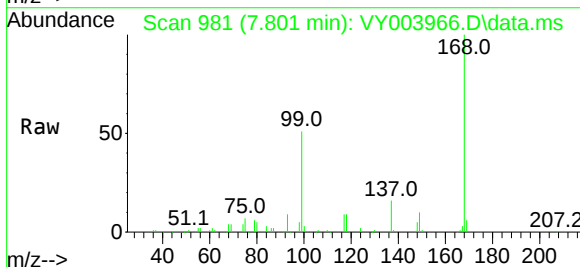
Instrument :
MSVOA_Y
ClientSampleId :

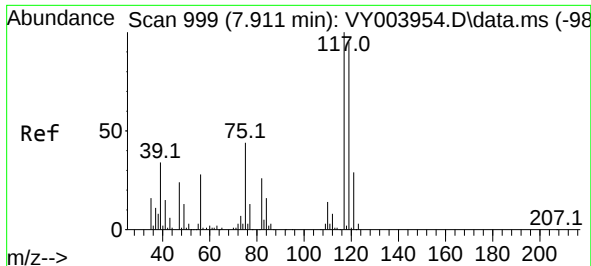
Tgt Ion:	113	Resp:	26968
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	22.1	18.3	27.5



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

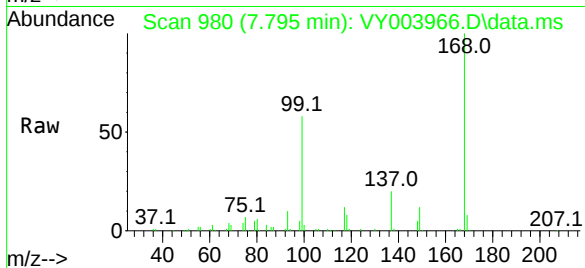
Tgt Ion:	75	Resp:	3871
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.9	53.8#
77	0.0	24.8	37.2#



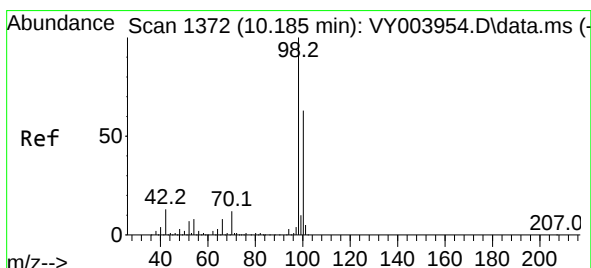
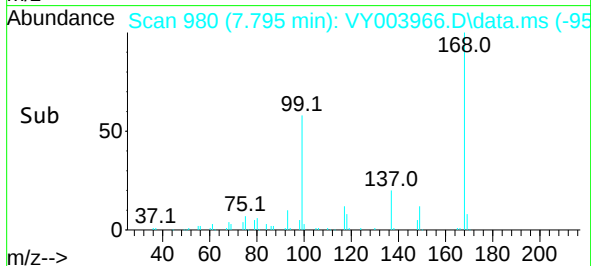
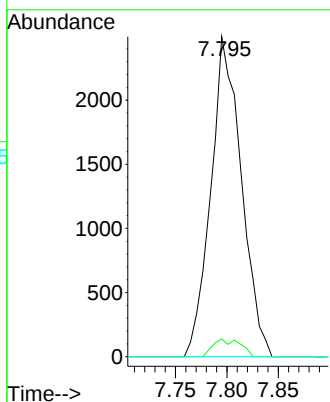


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Instrument :
MSVOA_Y
ClientSampled :

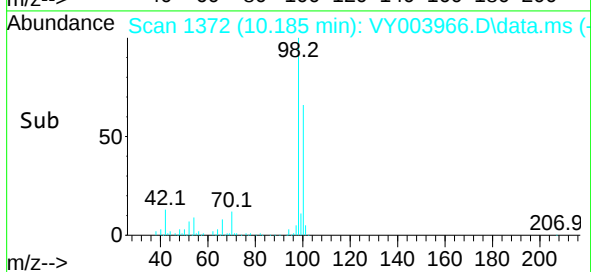
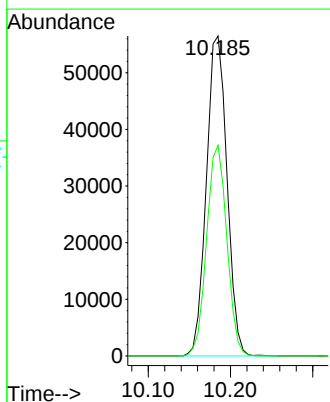
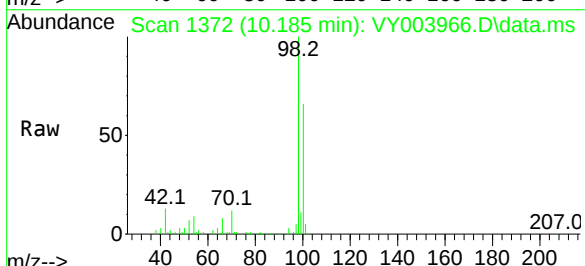


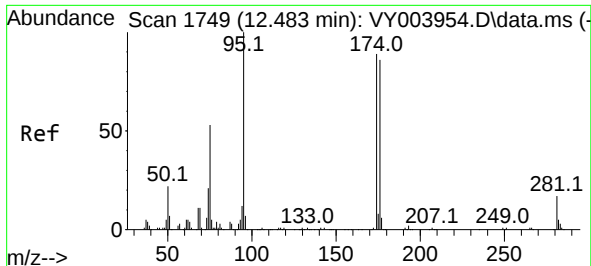
Tgt Ion:117 Resp: 5156
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Tgt Ion: 98 Resp: 98348
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

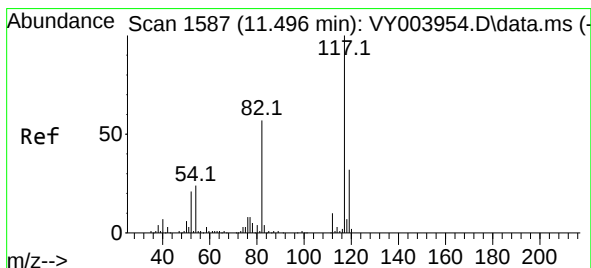
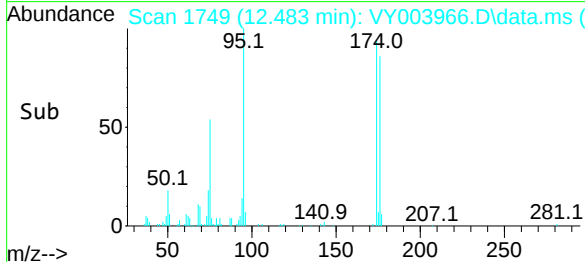
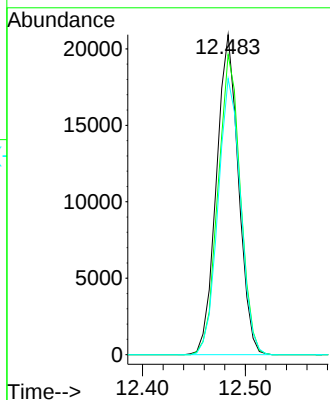
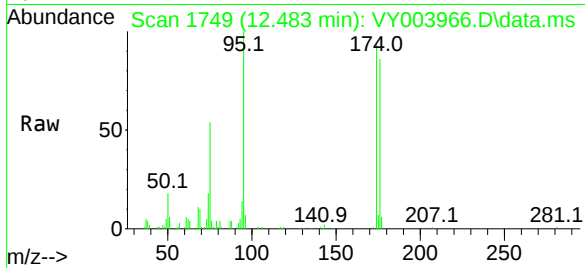




#62
4-Bromofluorobenzene
Concen: 45.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

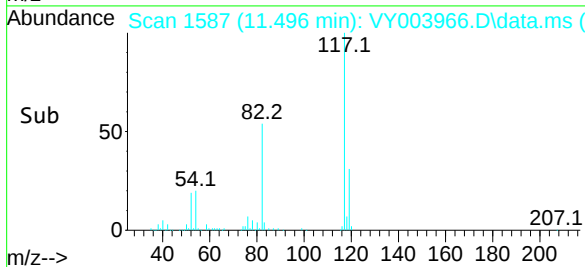
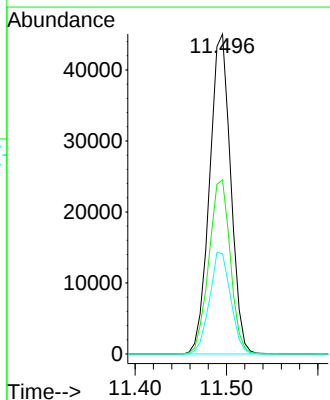
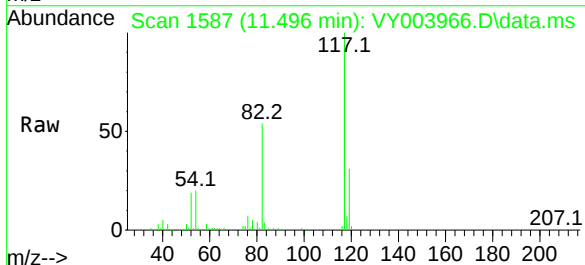
Instrument :
MSVOA_Y
ClientSampled :

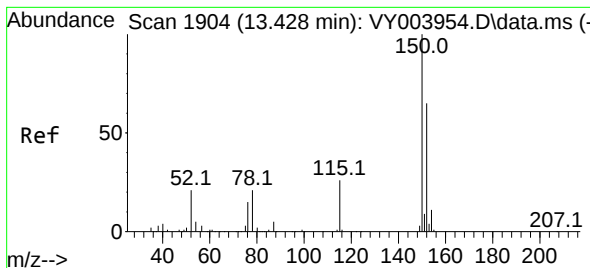
Tgt Ion:	95	Resp:	31128
Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	184.4
176	88.0	0.0	177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003966.D
Acq: 03 Feb 2021 17:52

Tgt Ion:	117	Resp:	72227
Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.3	66.5
119	31.4	25.0	37.6

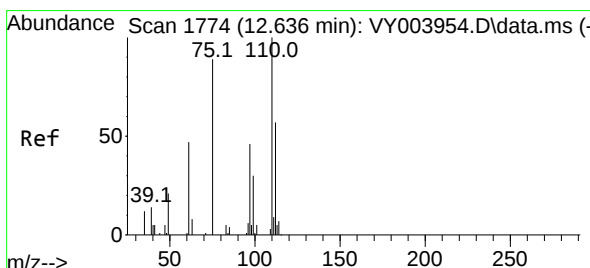
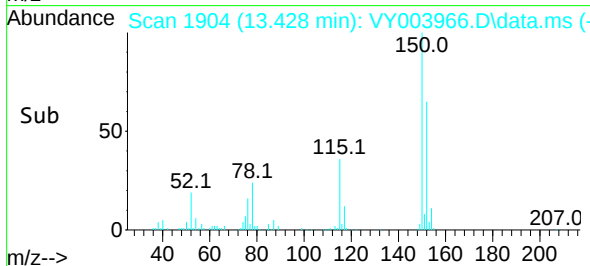
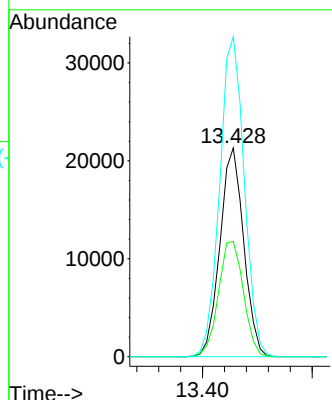
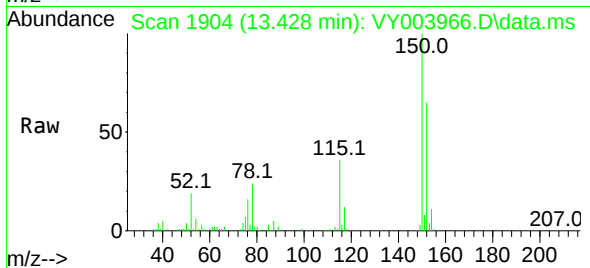




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY003966.D
 Acq: 03 Feb 2021 17:52

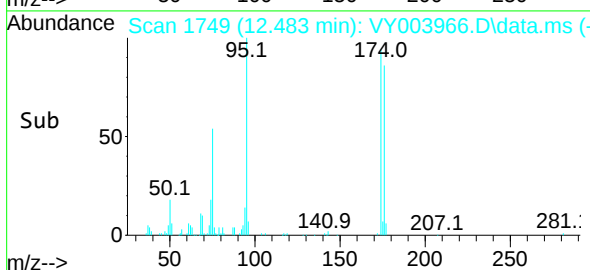
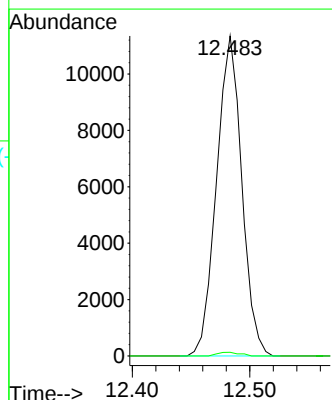
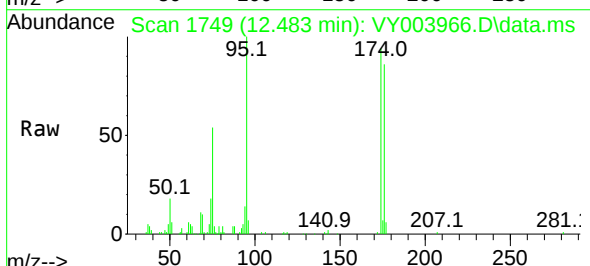
Instrument :
 MSVOA_Y
 ClientSampled :

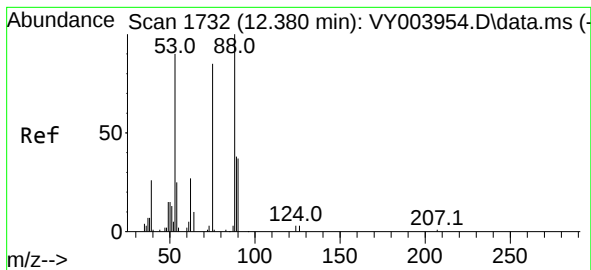
Tgt Ion:152 Resp: 32101
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.6
 150 158.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 52.43 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003966.D
 Acq: 03 Feb 2021 17:52

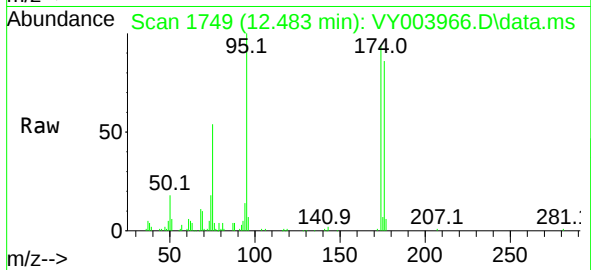
Tgt Ion: 75 Resp: 16957
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.22 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003966.D
 Acq: 03 Feb 2021 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 16957
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

