

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003965.D
 Acq On : 03 Feb 2021 17:28
 Operator : SY/MD
 Sample : M1291-01
 Misc : 5.49g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:21:22 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	82840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	109702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54927	60.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.60%
35) Dibromofluoromethane	7.734	113	44709	56.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.82%
50) Toluene-d8	10.185	98	159662	51.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.483	95	42347	37.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.70%

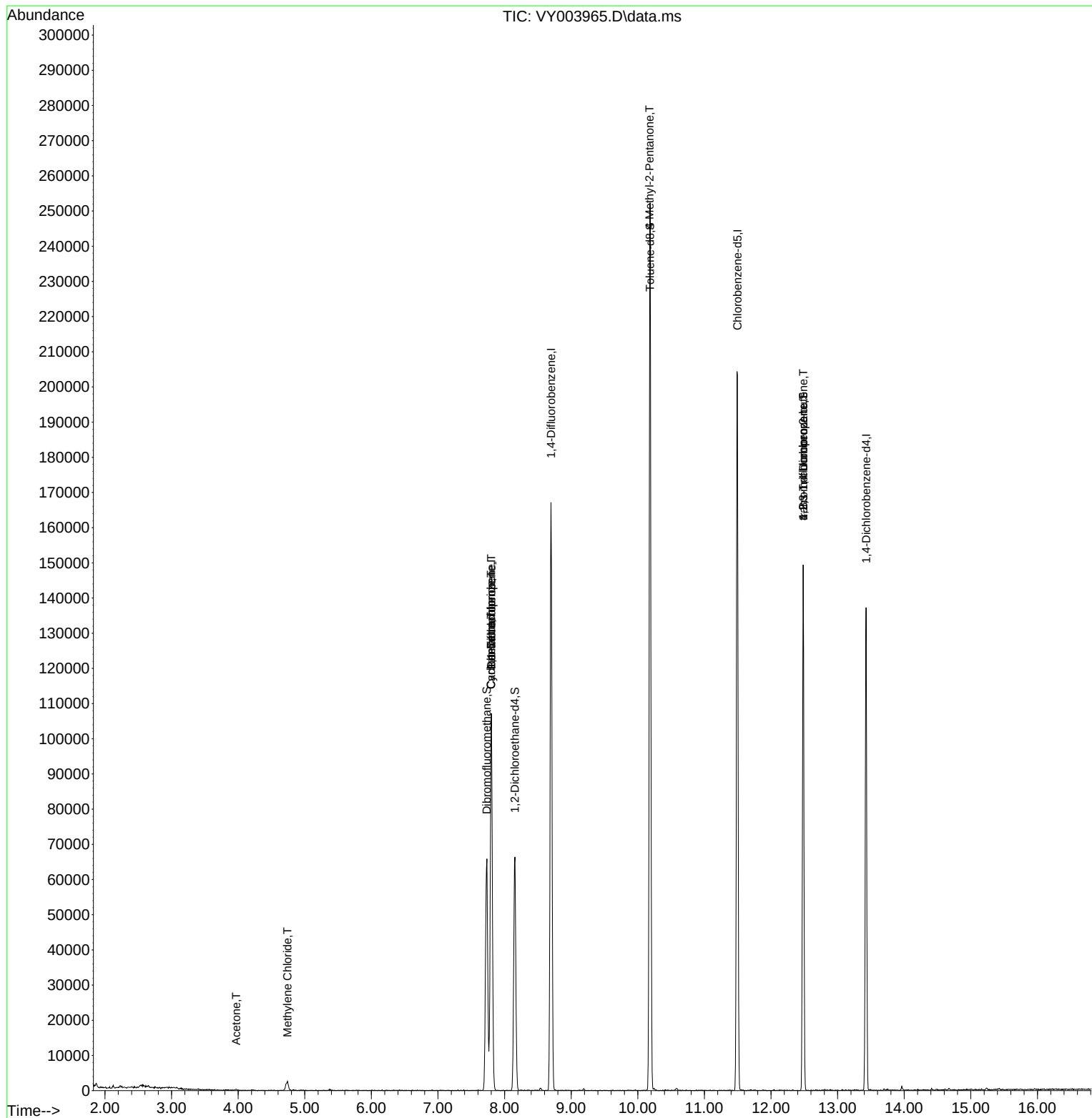
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	42	Below Cal	#	77
16) Acetone	3.973	43	482	2.16	ug/l	95
20) Methylene Chloride	4.741	84	1944	2.05	ug/l #	81
31) Cyclohexane	7.795	56	1767	1.16	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	5998	4.38	ug/l #	51
38) Carbon Tetrachloride	7.795	117	8137	5.49	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	790	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	23249	68.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23249	131.04	ug/l #	11

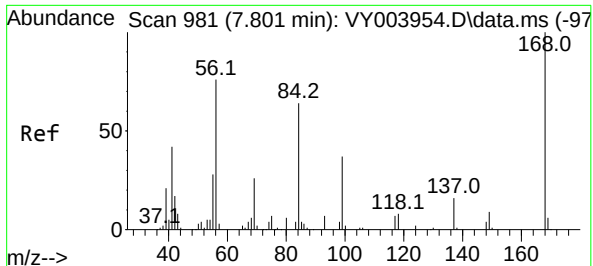
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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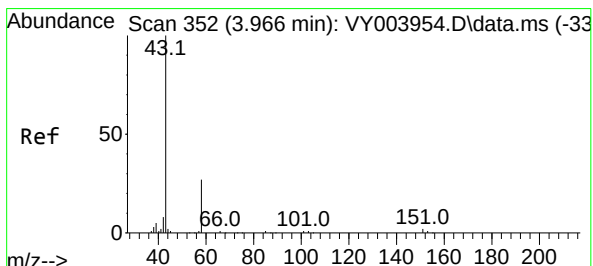
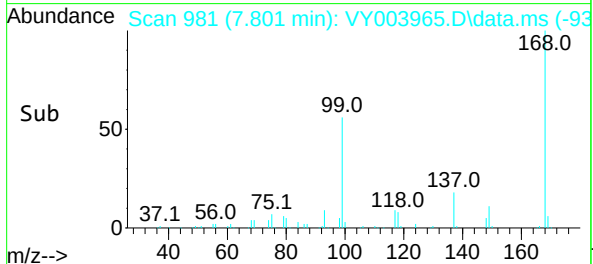
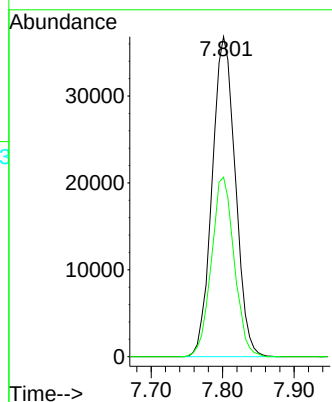
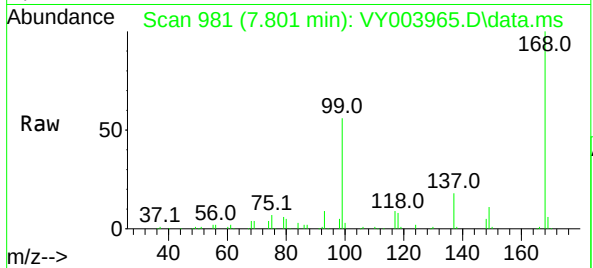




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

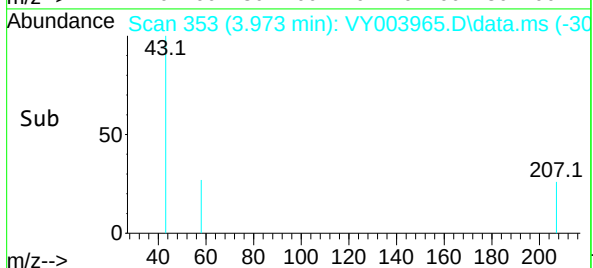
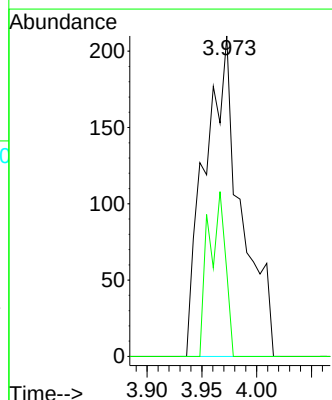
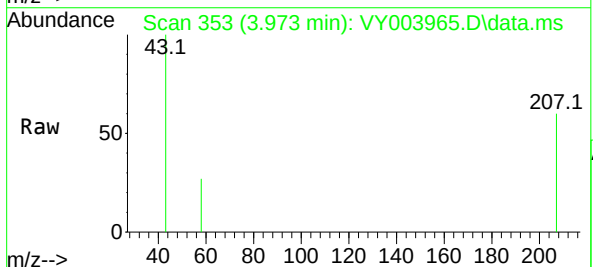
Instrument :
MSVOA_Y
ClientSampleId :

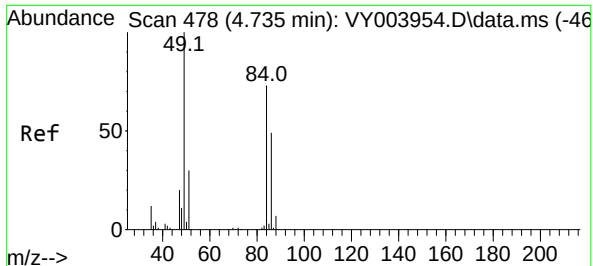
Tgt Ion:168 Resp: 82840
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#16
Acetone
Concen: 2.16 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

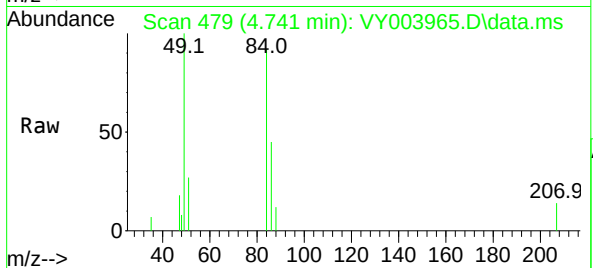
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 26.7 23.4 35.0





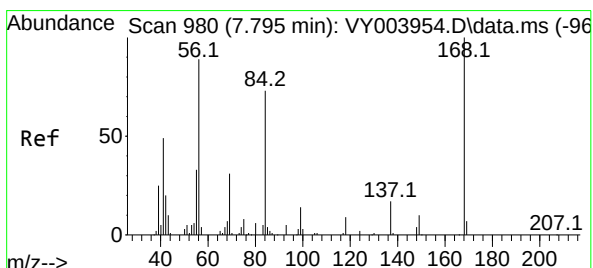
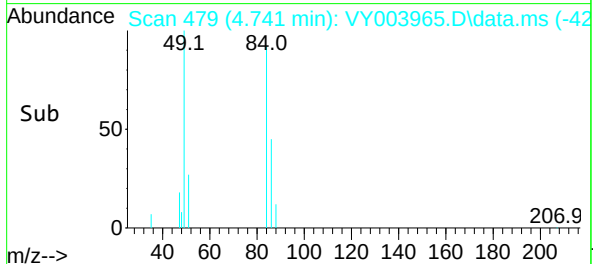
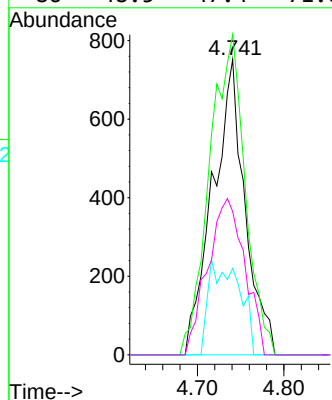
#20
Methylene Chloride
Concen: 2.05 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 1944

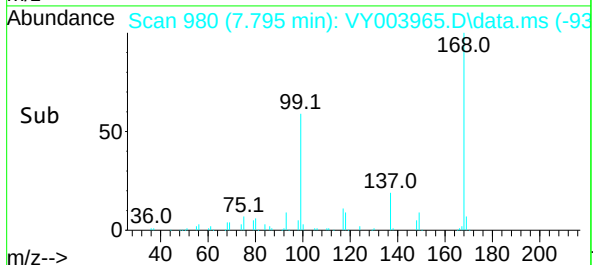
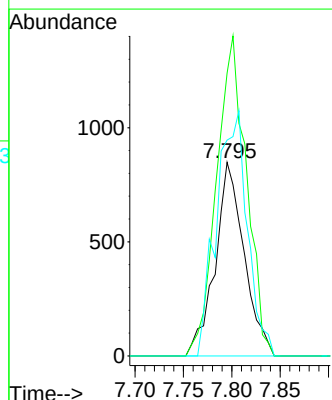
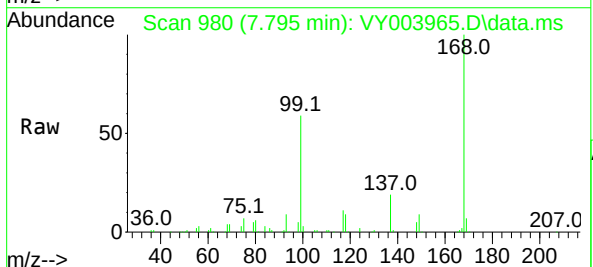
Ion	Ratio	Lower	Upper
84	100		
49	108.4	107.0	160.4
51	29.3	31.9	47.9#
86	48.5	47.4	71.0

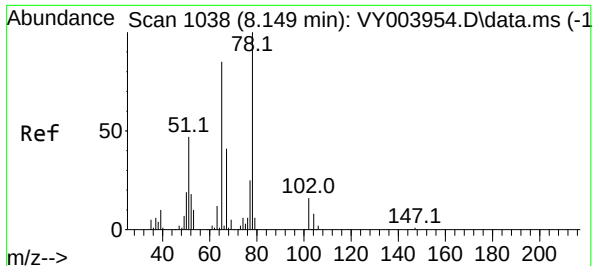


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 56 Resp: 1767

Ion	Ratio	Lower	Upper
56	100		
69	146.1	25.0	37.4#
84	111.6	64.5	96.7#

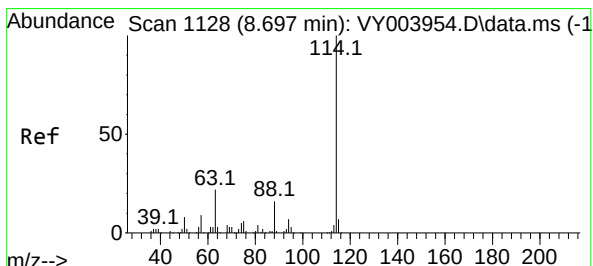
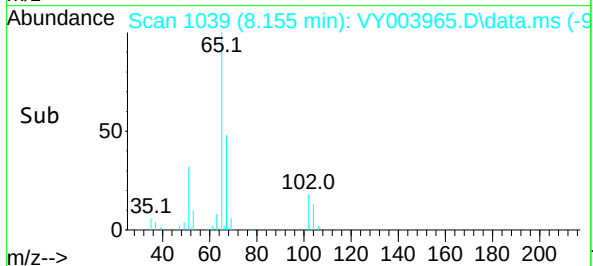
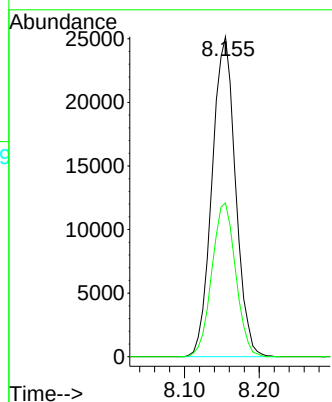
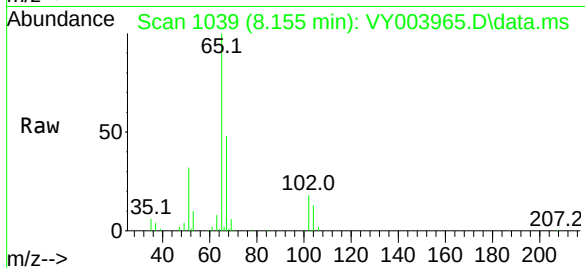




#33
1,2-Dichloroethane-d4
Concen: 60.30 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

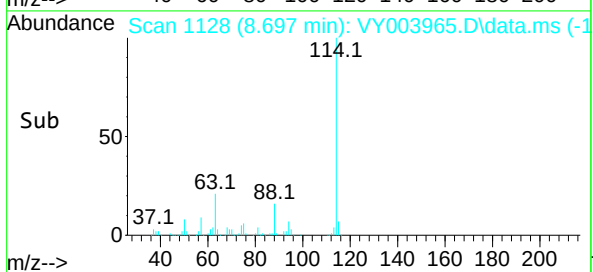
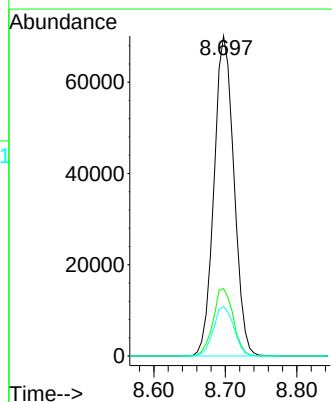
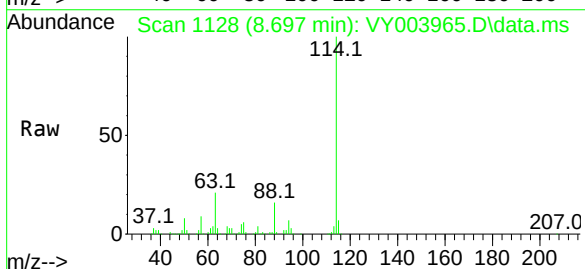
Instrument :
MSVOA_Y
ClientSampleId :

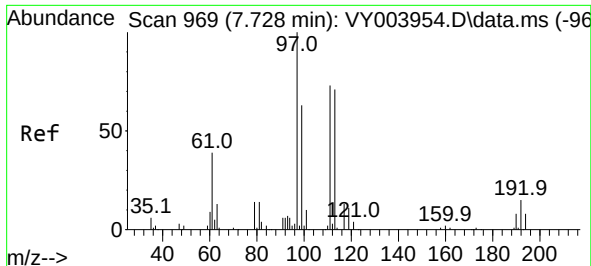
Tgt Ion: 65 Resp: 54927
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 114 Resp: 135550
Ion Ratio Lower Upper
114 100
63 21.0 0.0 47.2
88 15.5 0.0 30.2

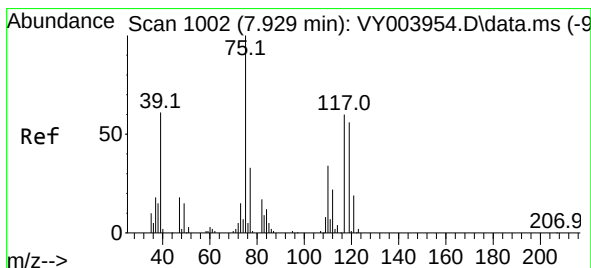
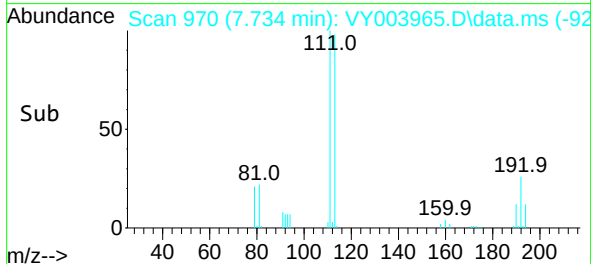
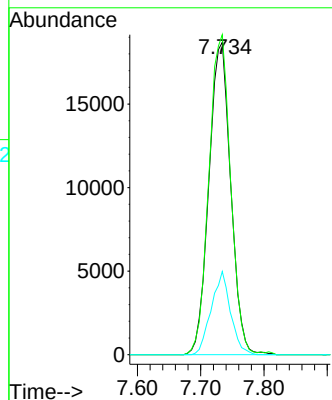
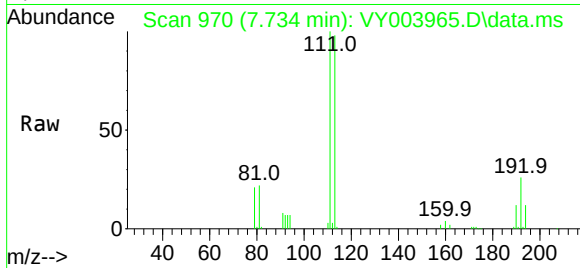




#35
Dibromofluoromethane
Concen: 56.41 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

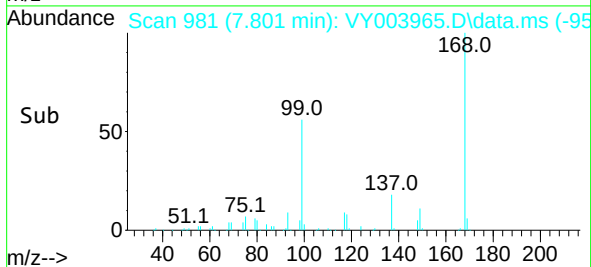
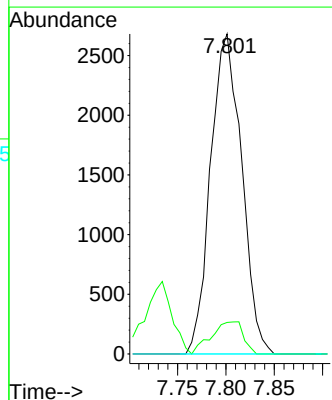
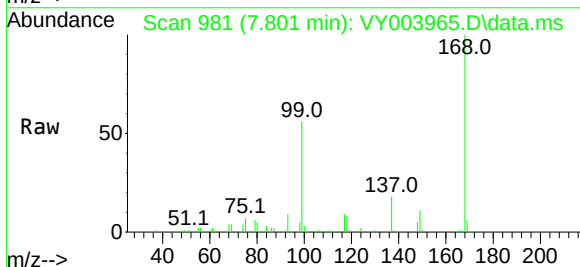
Instrument :
MSVOA_Y
ClientSampleId :

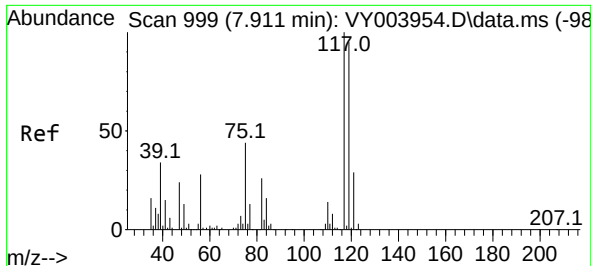
Tgt Ion:113 Resp: 44709
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 23.6 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

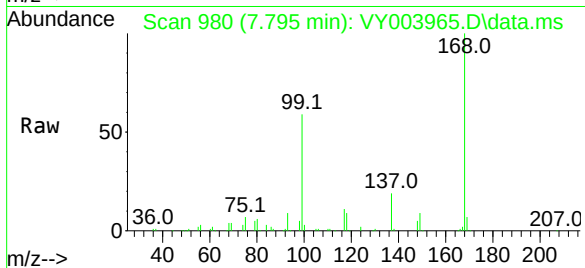
Tgt Ion: 75 Resp: 5998
Ion Ratio Lower Upper
75 100
110 10.3 17.9 53.8#
77 0.0 24.8 37.2#



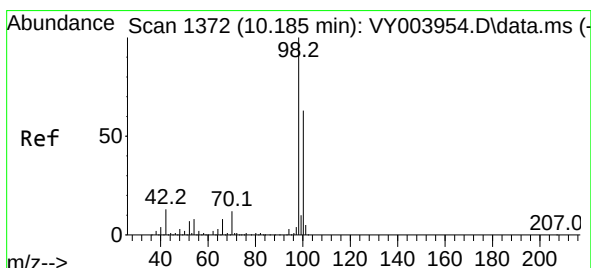
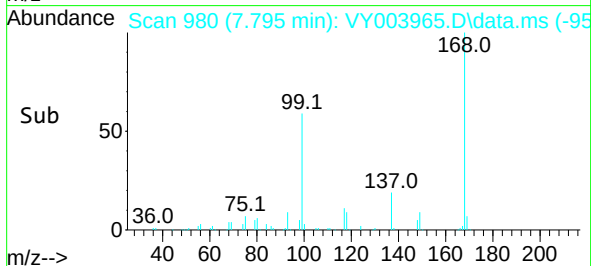
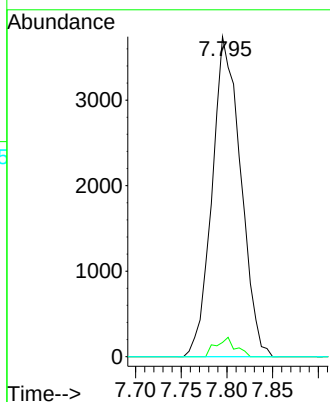


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :

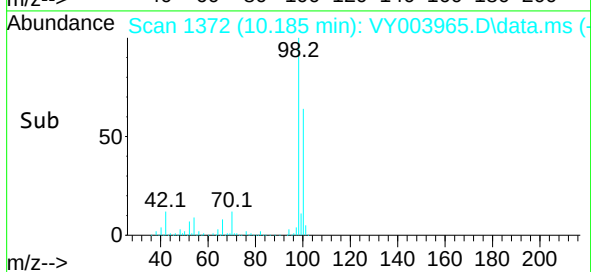
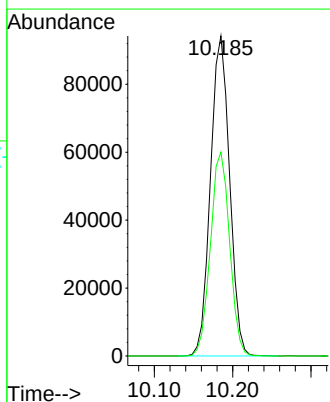
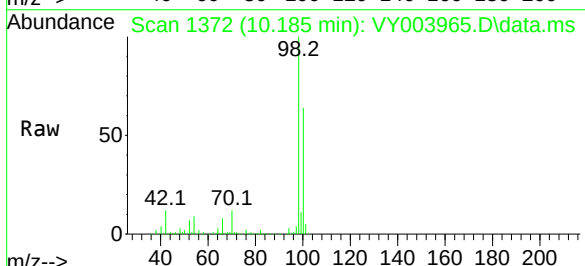


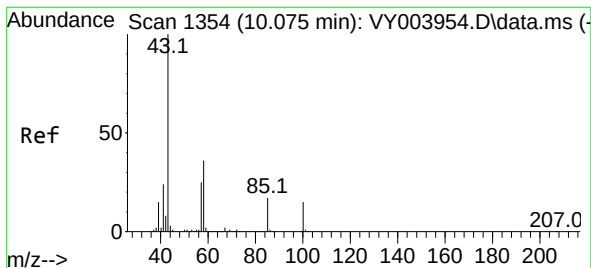
Tgt Ion:117 Resp: 8137
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 98 Resp: 159662
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

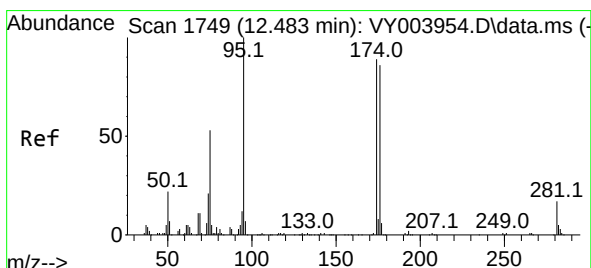
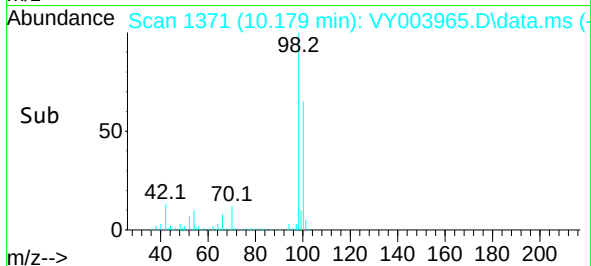
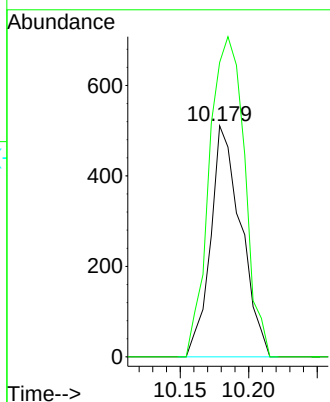
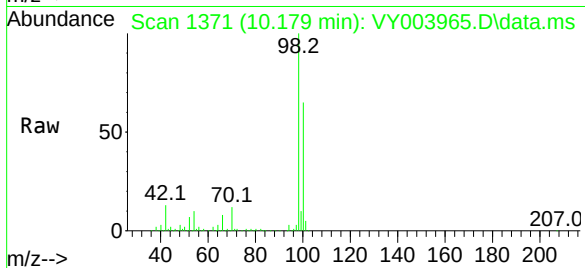




#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

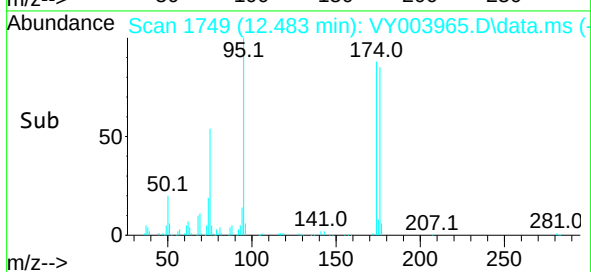
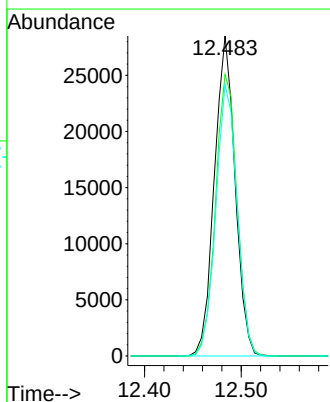
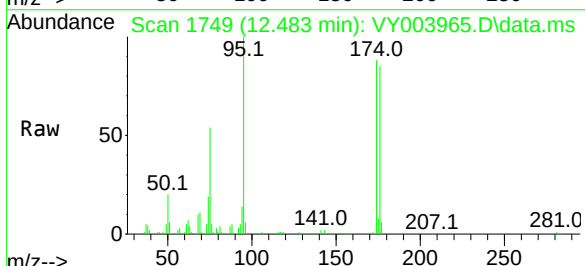
Instrument :
MSVOA_Y
ClientSampled :

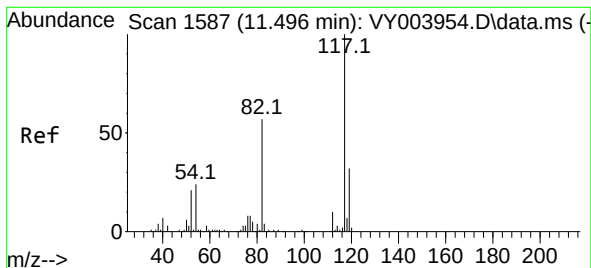
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 160.0 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 37.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 95 Resp: 42347
Ion Ratio Lower Upper
95 100
174 91.6 0.0 184.4
176 86.5 0.0 177.2

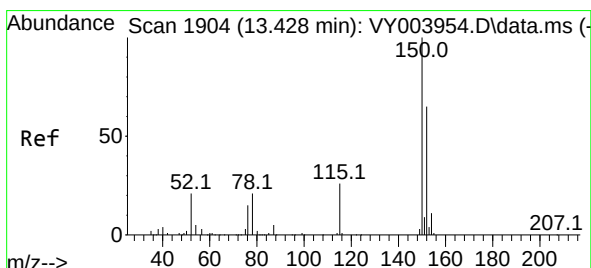
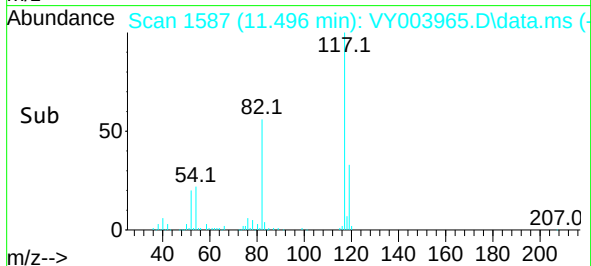
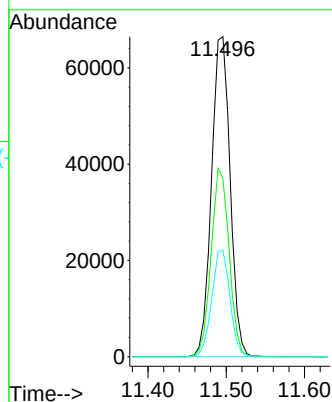
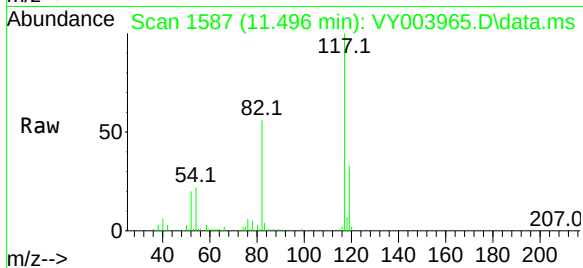




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

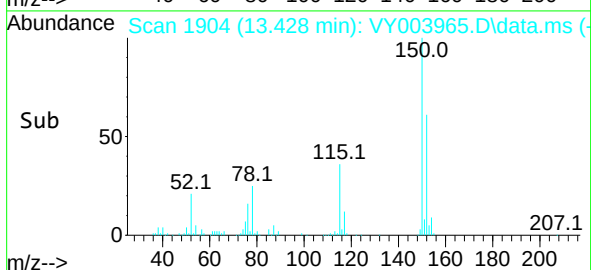
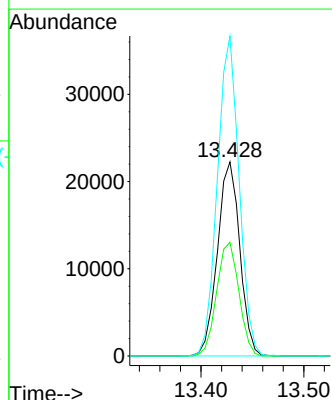
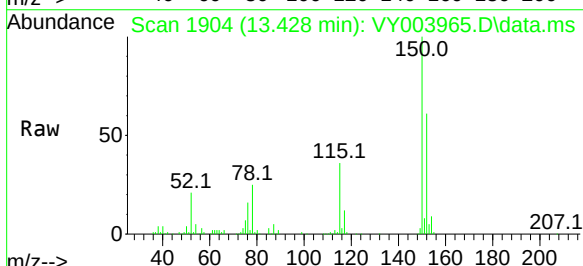
Instrument :
MSVOA_Y
ClientSampleId :

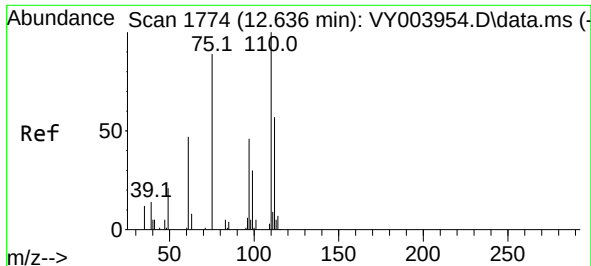
Tgt Ion:117 Resp: 109702
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 33.3 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion:152 Resp: 33660
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.6
150 159.6 0.0 356.2

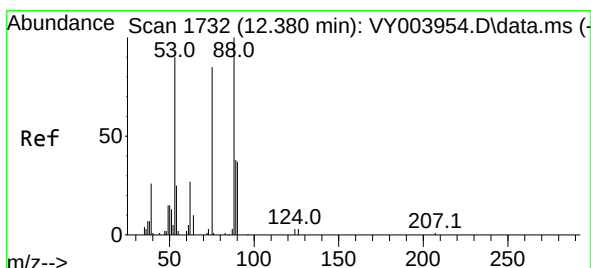
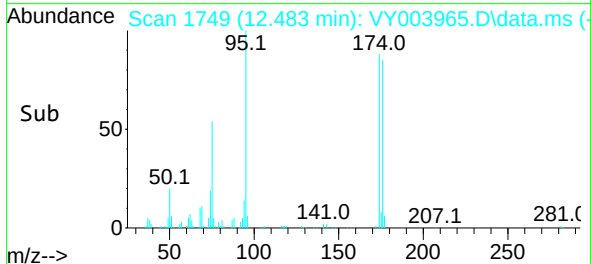
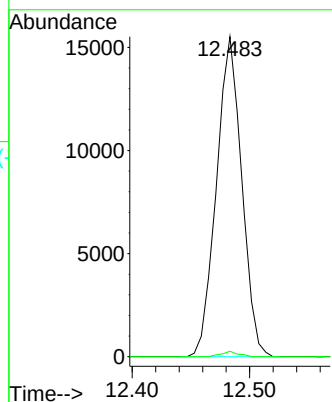
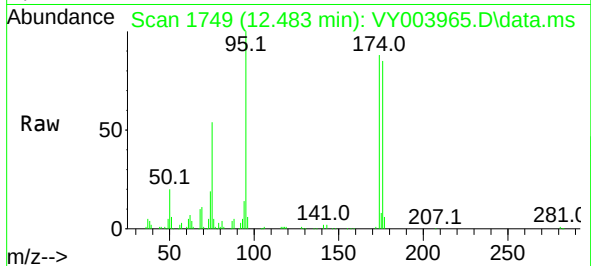




#76
1,2,3-Trichloropropane
Concen: 68.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23249
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 75 Resp: 23249
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

