

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003963.D
 Acq On : 03 Feb 2021 16:42
 Operator : SY/MD
 Sample : M1292-16
 Misc : 8.42g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:20:47 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)

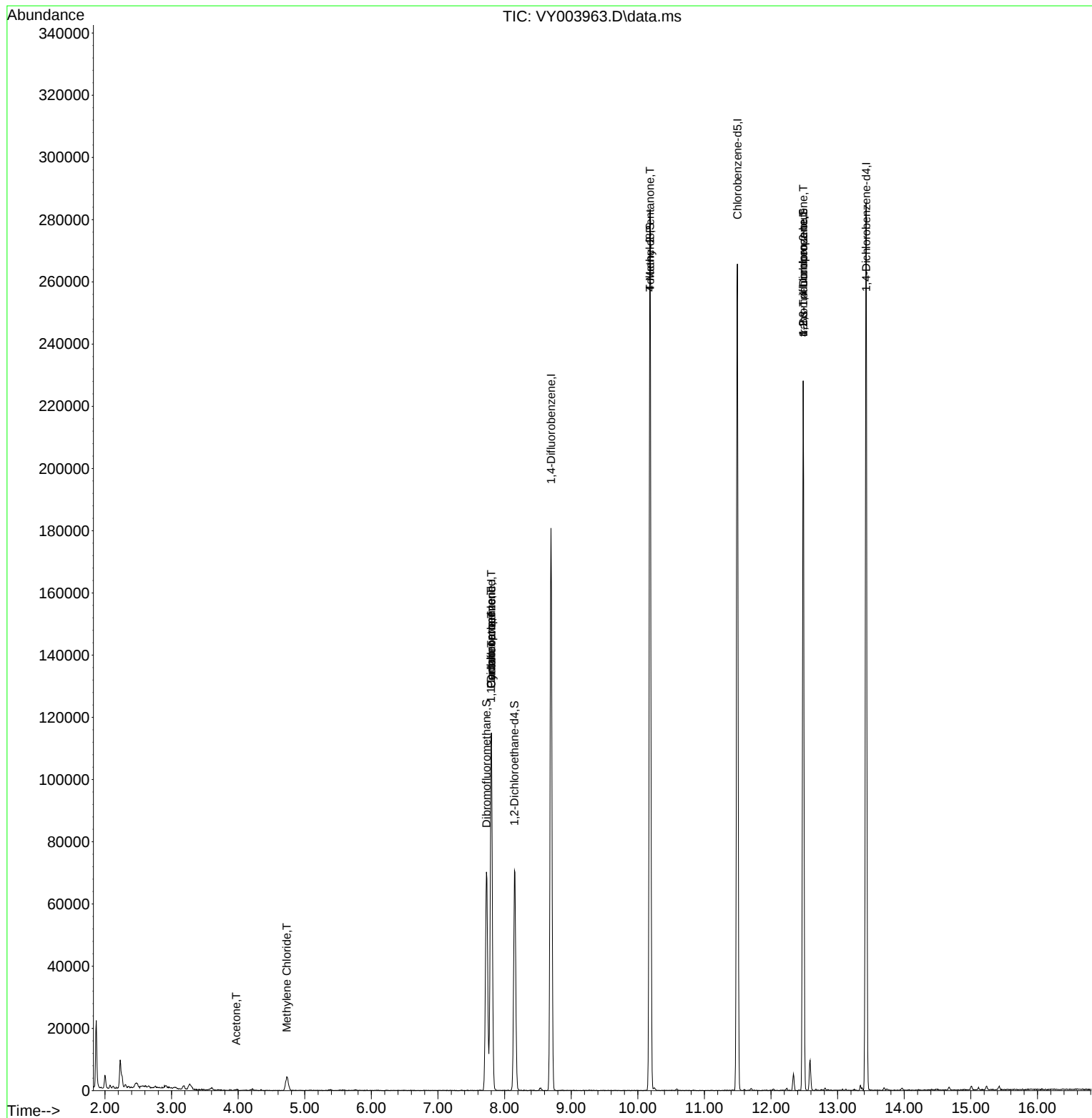
Internal Standards						
1) Pentafluorobenzene	7.801	168	89777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	149603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	142086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58851	59.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.22%			
35) Dibromofluoromethane	7.728	113	48342	55.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.54%			
50) Toluene-d8	10.185	98	181307	52.82	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.64%			
62) 4-Bromofluorobenzene	12.483	95	66819	53.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.80%			
Target Compounds					Qvalue	
16) Acetone	3.973	43	472	1.95	ug/l #	45
20) Methylene Chloride	4.728	84	3264	3.17	ug/l #	85
31) Cyclohexane	7.801	56	1779	1.07	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	6558	4.33	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8405	5.14	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	979	1.15	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36330	51.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36330	97.52	ug/l #	11

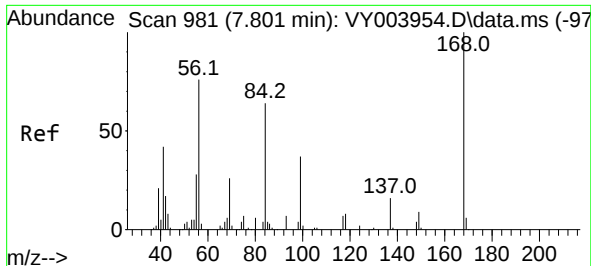
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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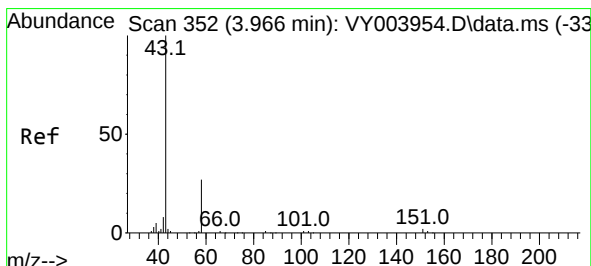
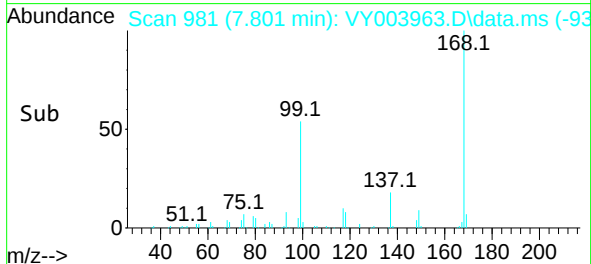
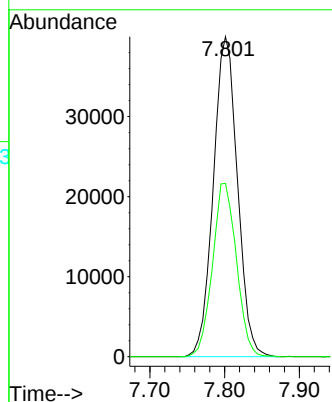
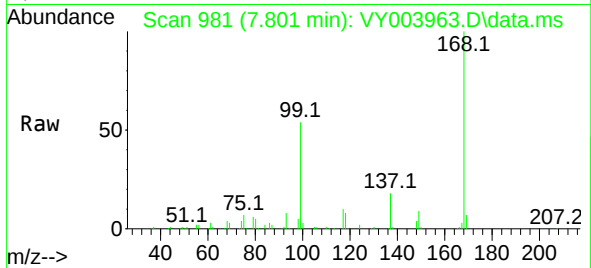




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

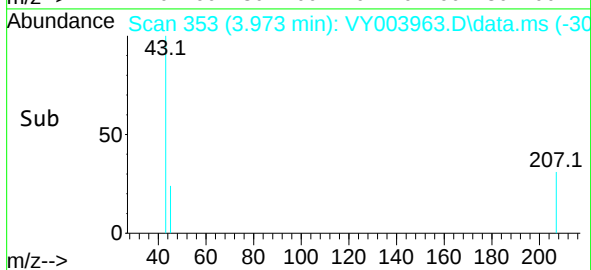
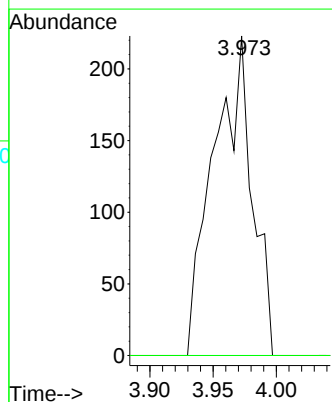
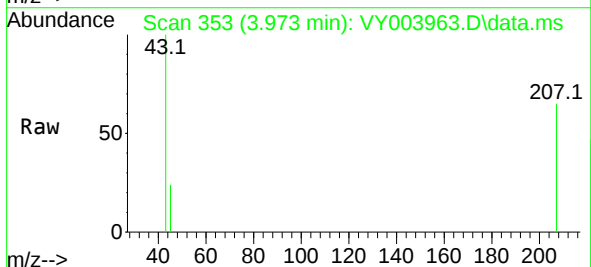
Instrument :
MSVOA_Y
ClientSampleId :

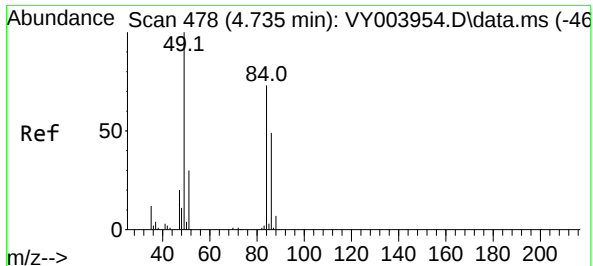
Tgt Ion:168 Resp: 89777
Ion Ratio Lower Upper
168 100
99 54.1 46.1 69.1



#16
Acetone
Concen: 1.95 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

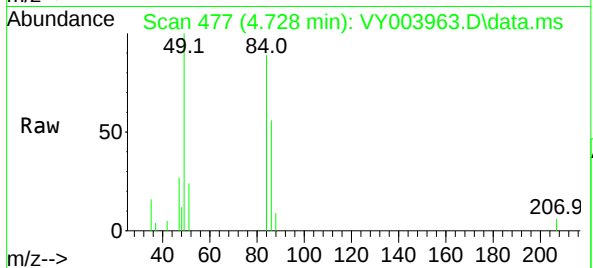
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#





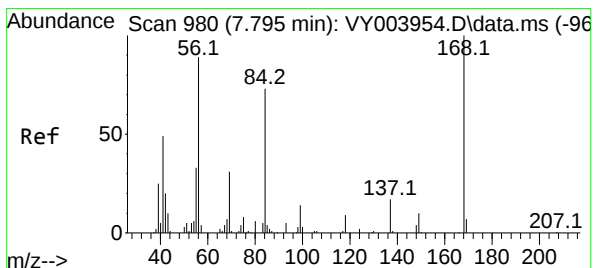
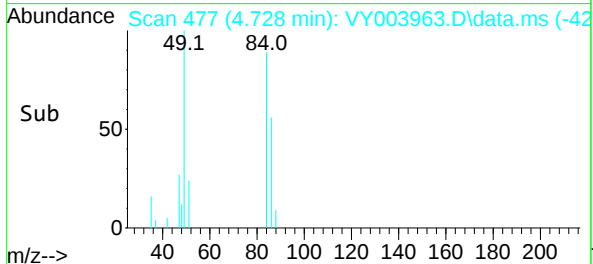
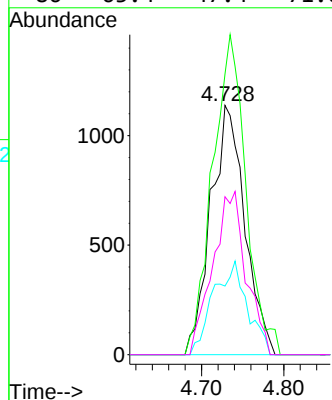
#20
Methylene Chloride
Concen: 3.17 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Instrument :
MSVOA_Y
ClientSampled :

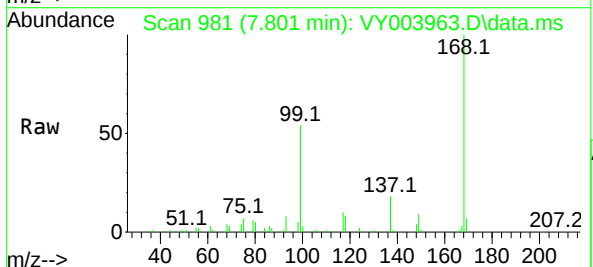


Tgt Ion: 84 Resp: 3264

Ion	Ratio	Lower	Upper
84	100		
49	112.6	107.0	160.4
51	27.5	31.9	47.9#
86	63.4	47.4	71.0

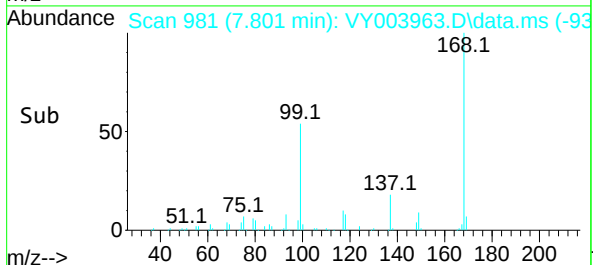
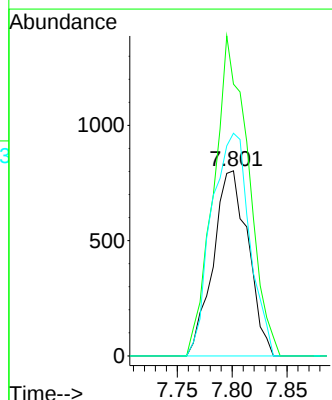


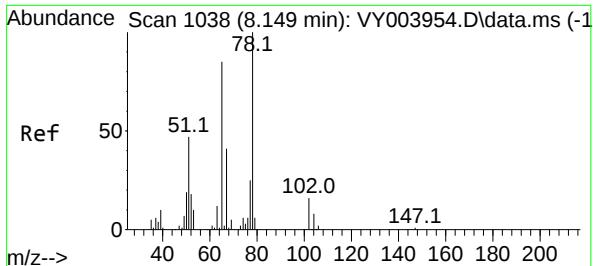
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42



Tgt Ion: 56 Resp: 1779

Ion	Ratio	Lower	Upper
56	100		
69	146.8	25.0	37.4#
84	120.3	64.5	96.7#

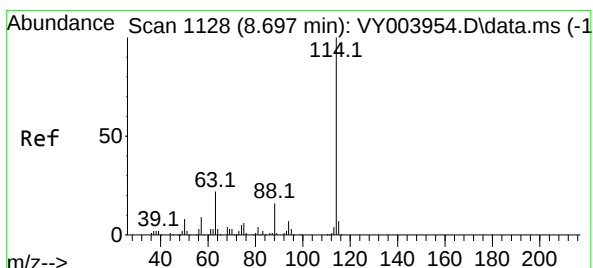
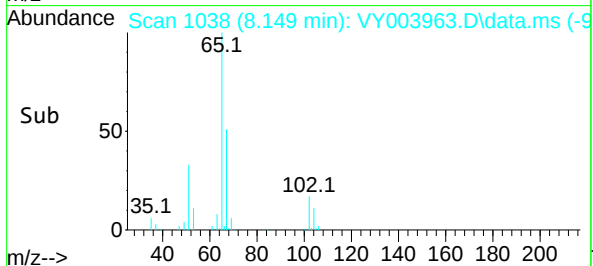
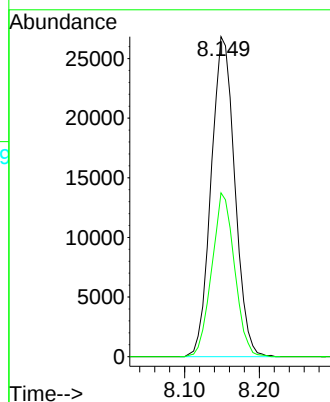
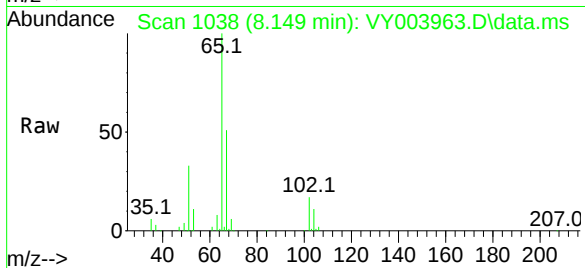




#33
1,2-Dichloroethane-d4
Concen: 59.61 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

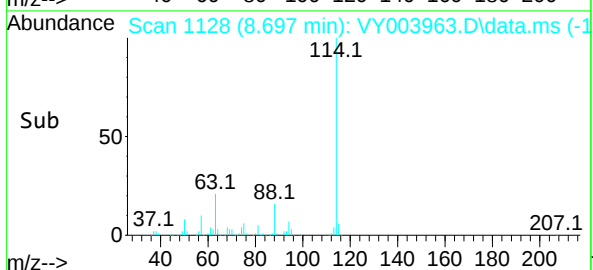
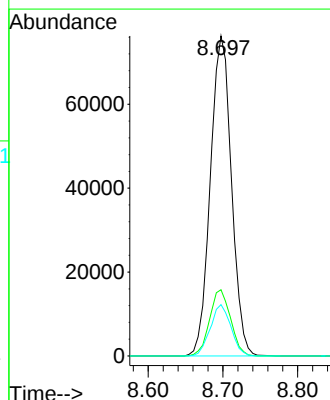
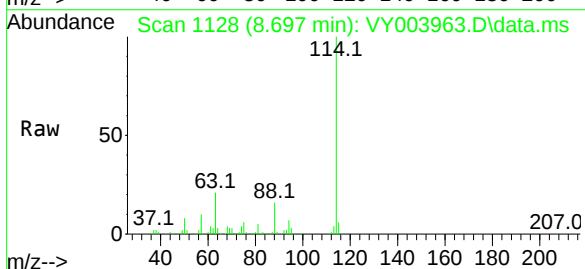
Instrument :
MSVOA_Y
ClientSampled :

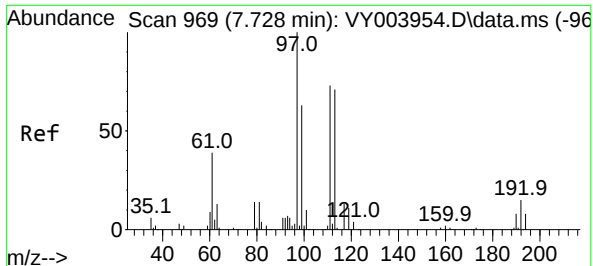
Tgt Ion: 65 Resp: 58851
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Tgt Ion: 114 Resp: 149603
Ion Ratio Lower Upper
114 100
63 20.7 0.0 47.2
88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.27 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003963.D

Acq: 03 Feb 2021 16:42

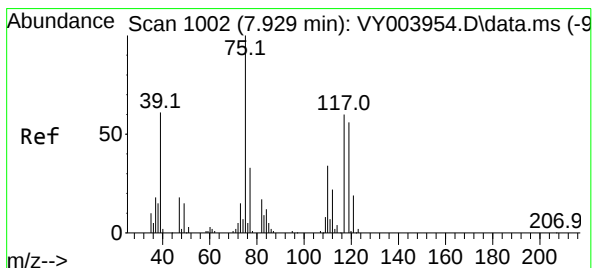
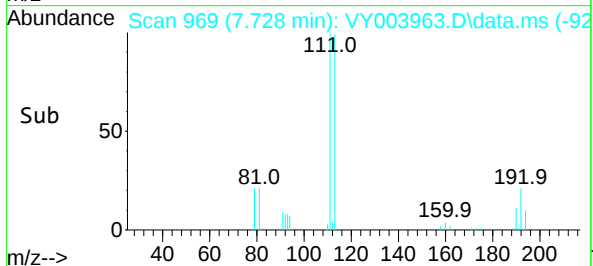
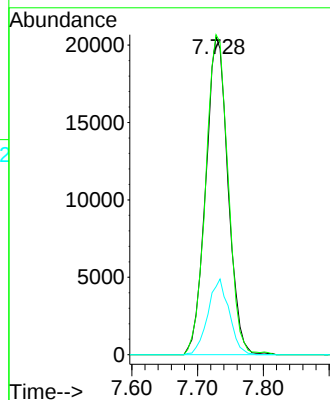
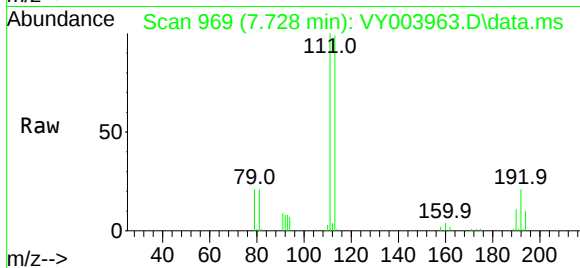
Tgt Ion:113 Resp: 48342

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 22.8 18.3 27.5



#36

1,1-Dichloropropene

Concen: 4.33 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY003963.D

Acq: 03 Feb 2021 16:42

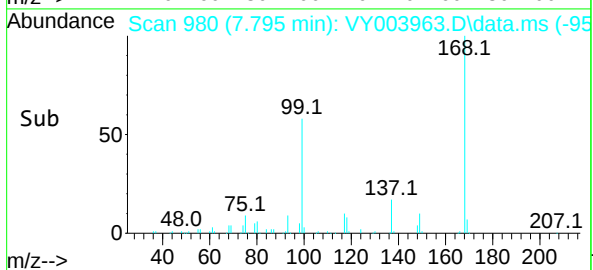
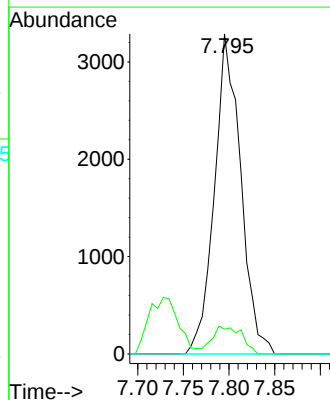
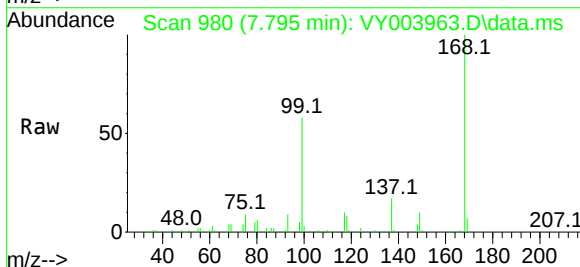
Tgt Ion: 75 Resp: 6558

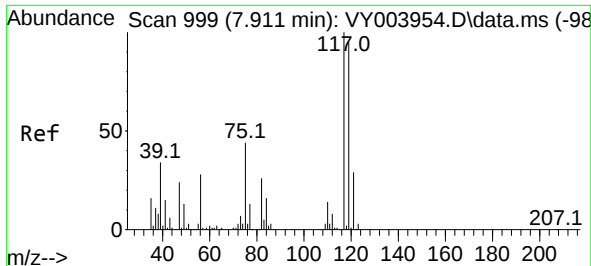
Ion Ratio Lower Upper

75 100

110 9.9 17.9 53.8#

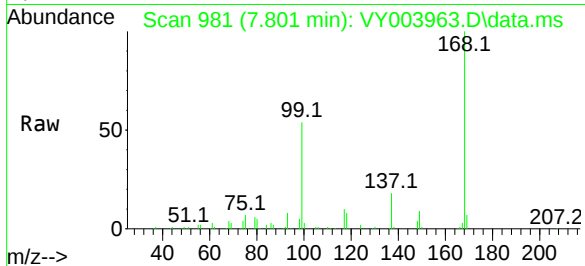
77 0.0 24.8 37.2#



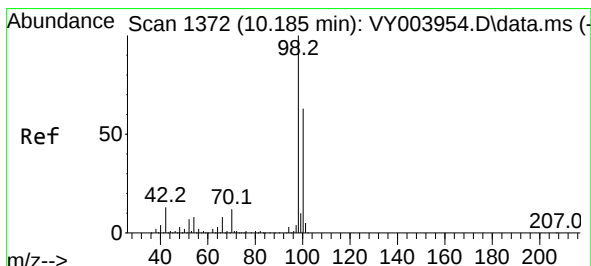
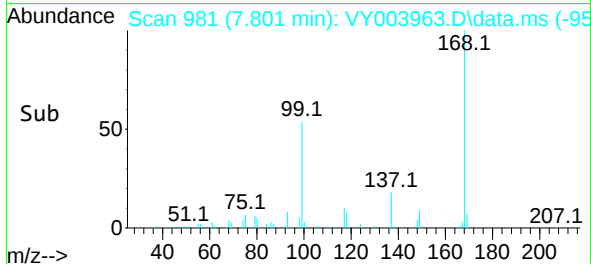
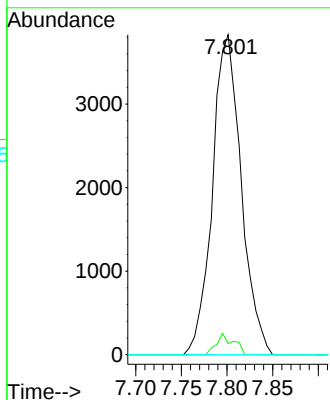


#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Instrument :
MSVOA_Y
ClientSampleId :

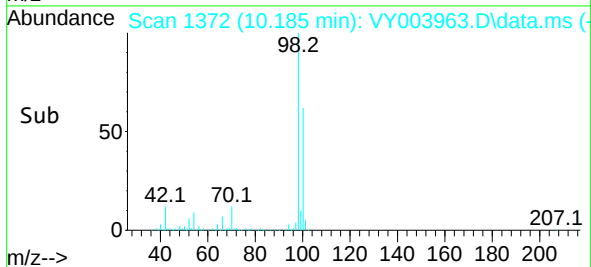
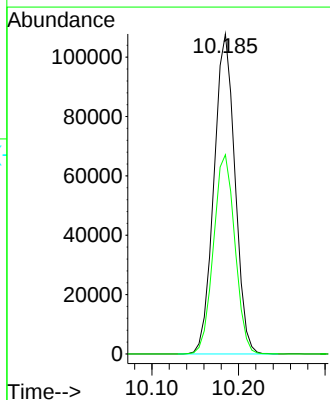
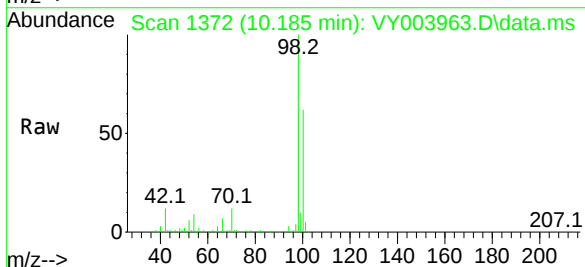


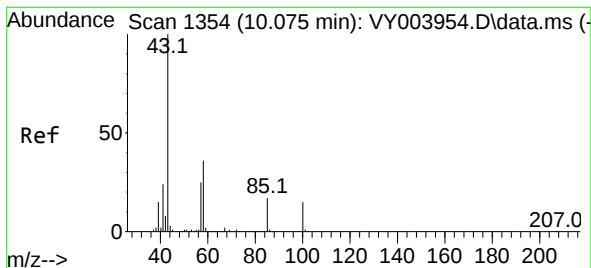
Tgt Ion:117 Resp: 8405
Ion Ratio Lower Upper
117 100
119 3.5 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Tgt Ion: 98 Resp: 181307
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

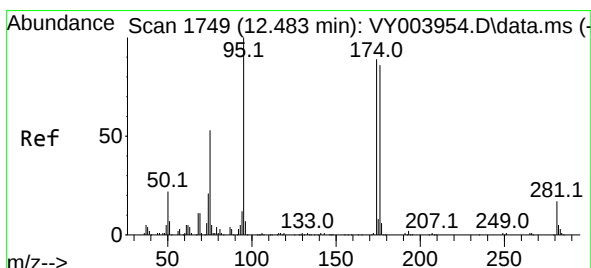
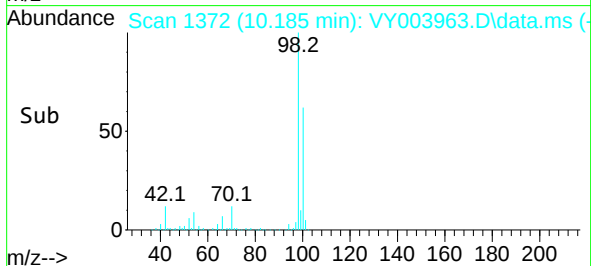
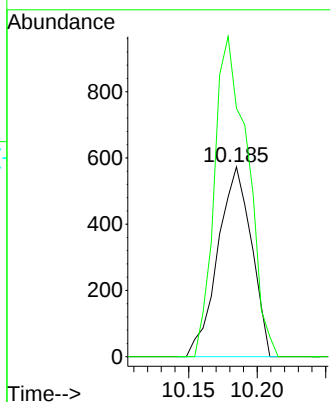
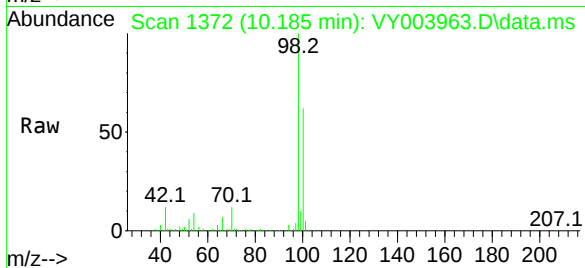




#51
4-Methyl-2-Pentanone
Concen: 1.15 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

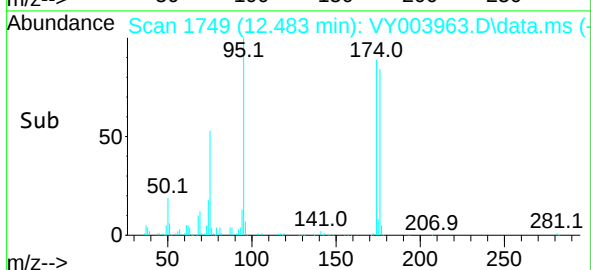
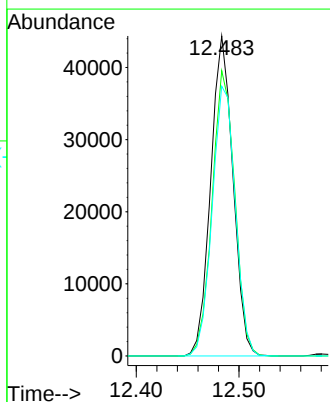
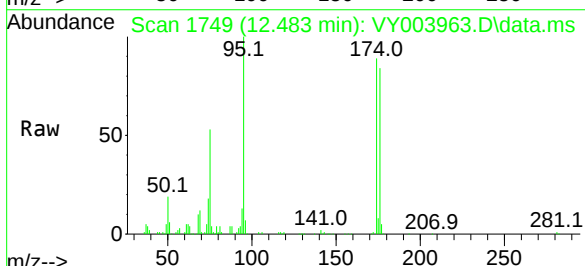
Instrument :
MSVOA_Y
ClientSampled :

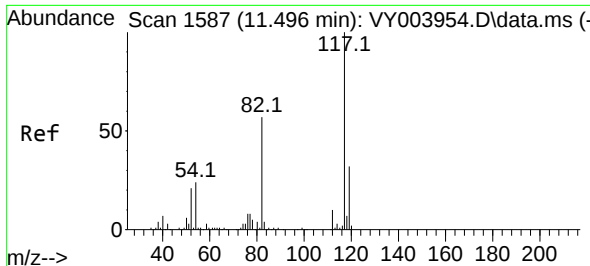
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 165.7 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 53.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Tgt Ion: 95 Resp: 66819
Ion Ratio Lower Upper
95 100
174 90.6 0.0 184.4
176 87.5 0.0 177.2

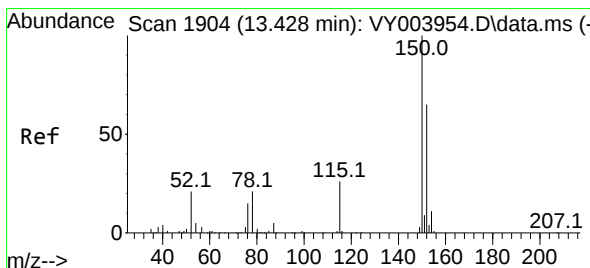
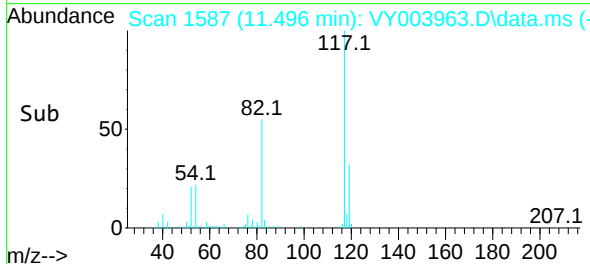
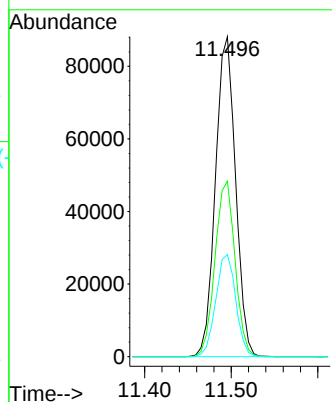
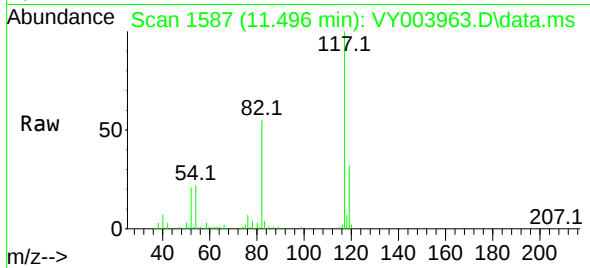




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

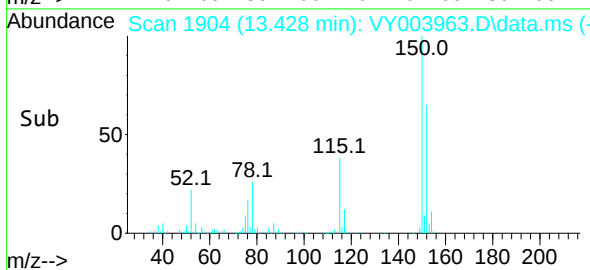
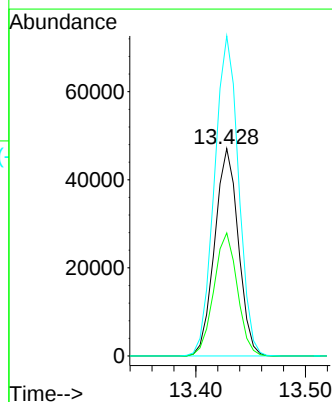
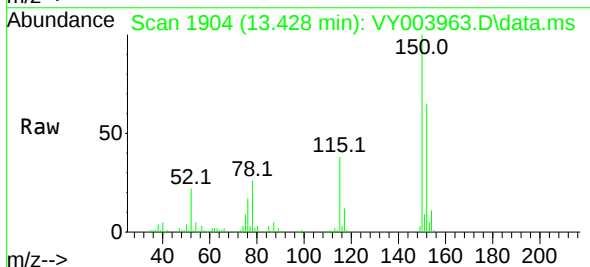
Instrument :
MSVOA_Y
ClientSampleId :

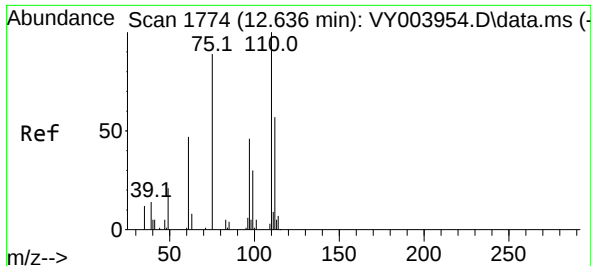
Tgt Ion:117 Resp: 142086
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Tgt Ion:152 Resp: 70675
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.6
150 157.3 0.0 356.2

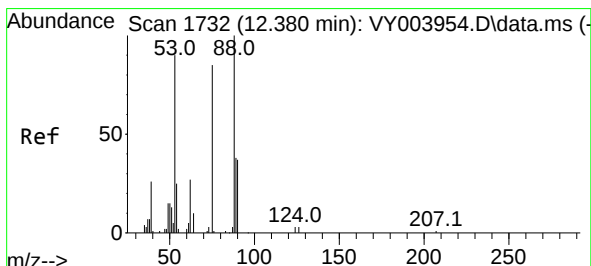
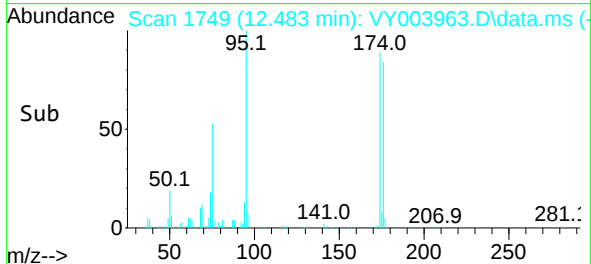
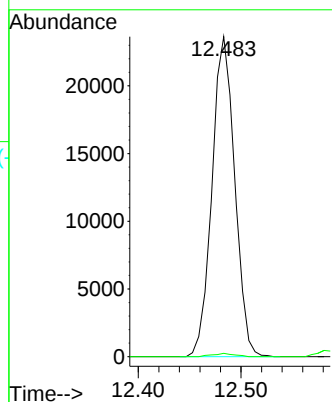
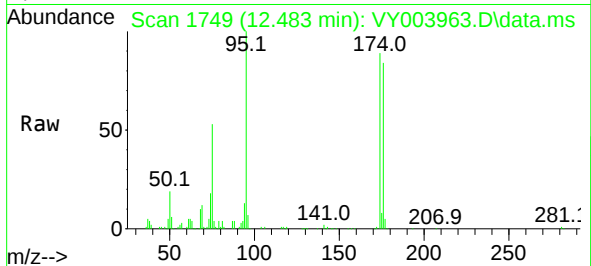




#76
1,2,3-Trichloropropane
Concen: 51.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 36330
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003963.D
Acq: 03 Feb 2021 16:42

Tgt Ion: 75 Resp: 36330
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

