

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003980.D
 Acq On : 03 Feb 2021 23:17
 Operator : SY/MD
 Sample : M1291-16
 Misc : 8.67g/5mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0002

Quant Time: Feb 04 01:25:57 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)

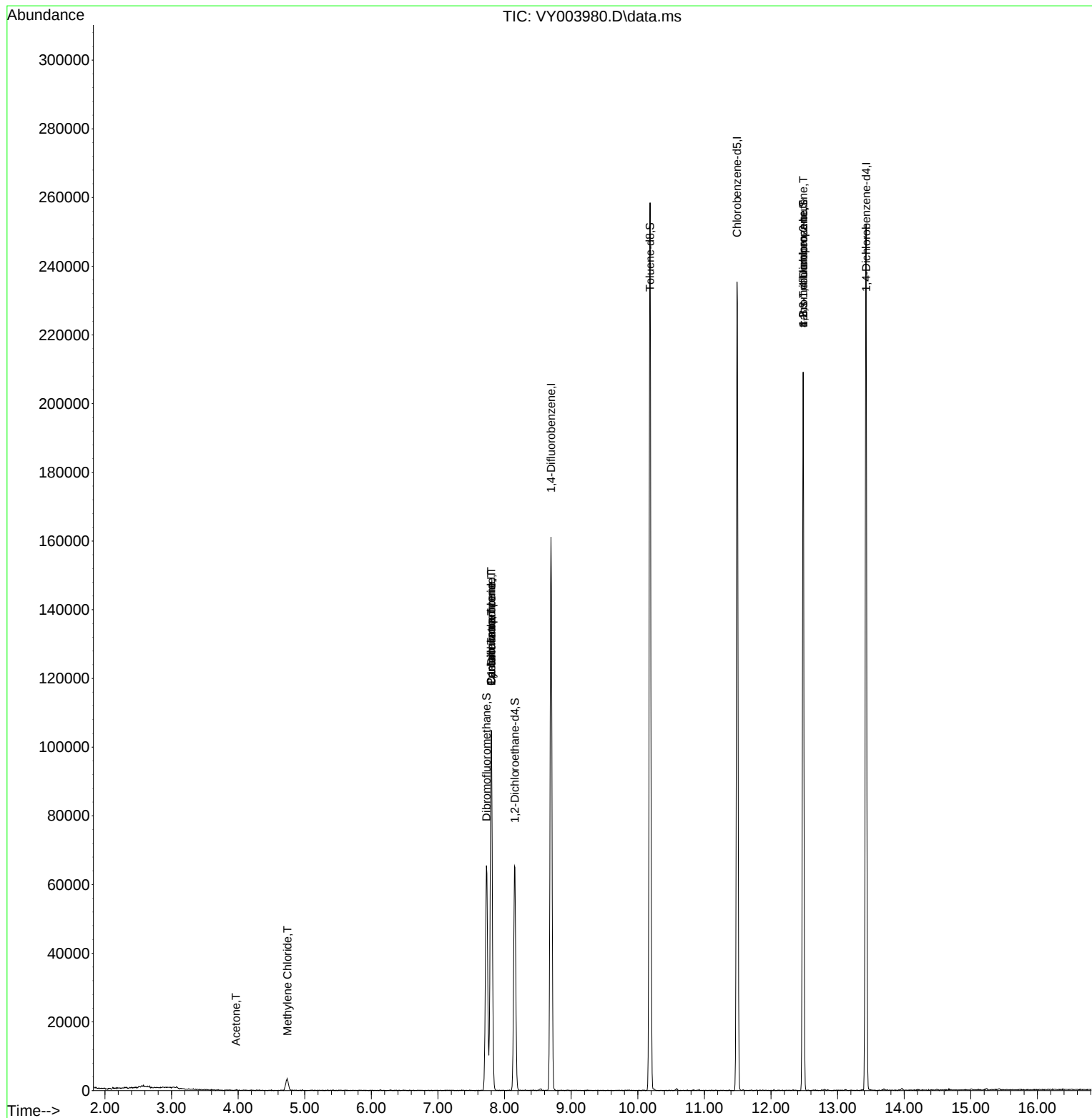
Internal Standards						
1) Pentafluorobenzene	7.801	168	82399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55072	60.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.56%			
35) Dibromofluoromethane	7.728	113	43959	55.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.56%			
50) Toluene-d8	10.185	98	164465	53.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.36%			
62) 4-Bromofluorobenzene	12.483	95	61104	54.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.40%			
Target Compounds					Qvalue	
16) Acetone	3.967	43	322	1.45	ug/l #	45
20) Methylene Chloride	4.741	84	2564	2.72	ug/l #	77
31) Cyclohexane	7.801	56	1586	1.04	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	5768	4.23	ug/l #	51
38) Carbon Tetrachloride	7.801	117	8102	5.50	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	32595	50.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32595	96.96	ug/l #	11

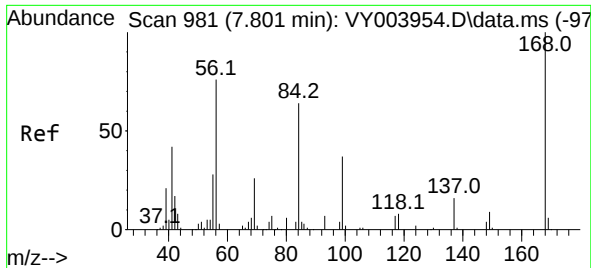
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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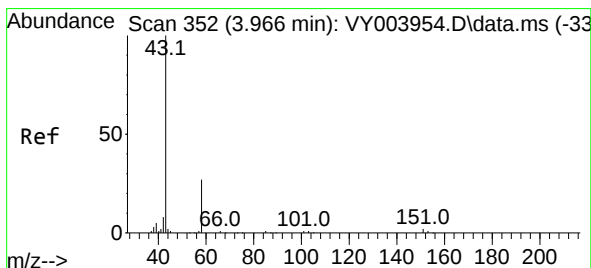
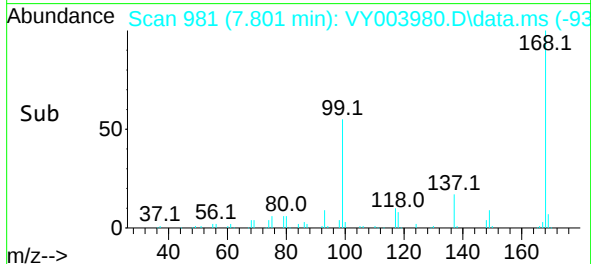
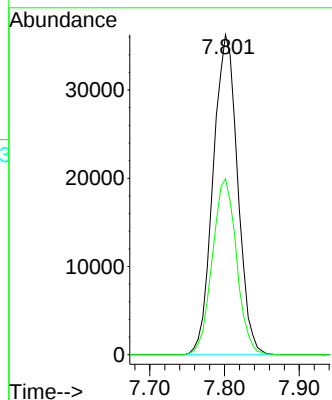
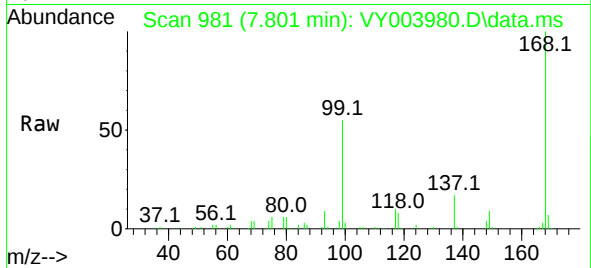




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

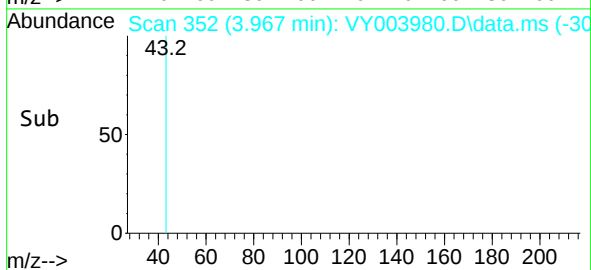
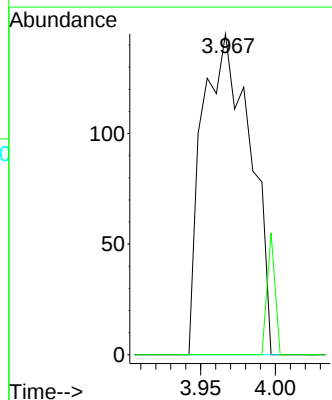
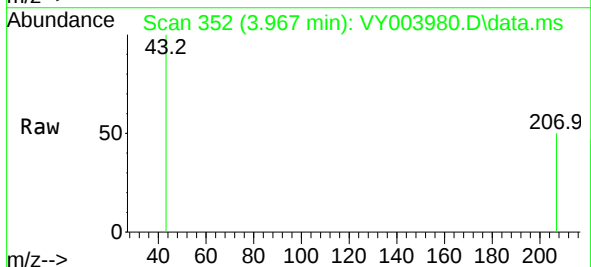
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0002

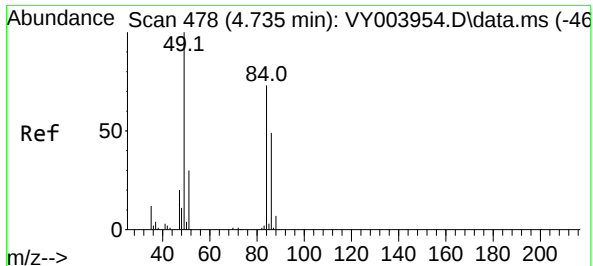
Tgt Ion:168 Resp: 82399
Ion Ratio Lower Upper
168 100
99 55.0 46.1 69.1



#16
Acetone
Concen: 1.45 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#





#20

Methylene Chloride

Concen: 2.72 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY003980.D

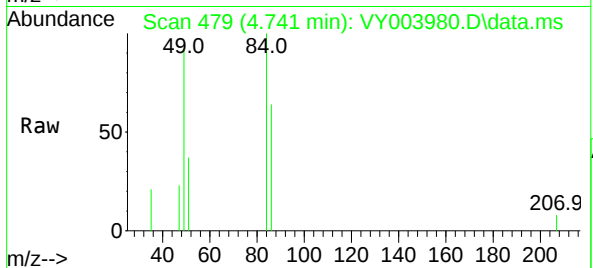
Acq: 03 Feb 2021 23:17

Instrument :

MSVOA_Y

ClientSampleId :

OU421-004-0002



Tgt Ion: 84 Resp: 2564

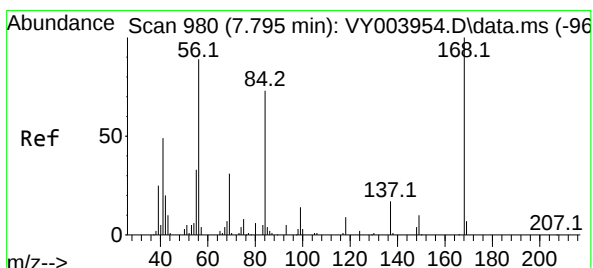
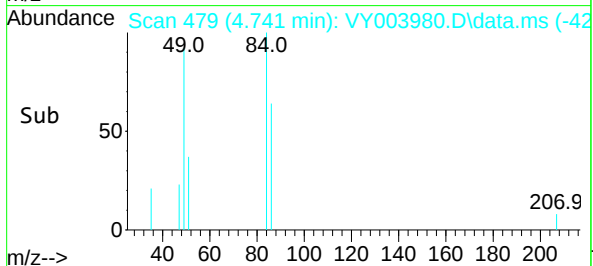
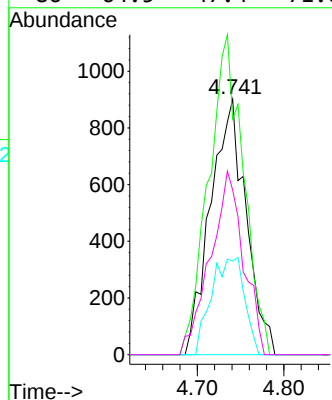
Ion Ratio Lower Upper

84 100

49 92.3 107.0 160.4#

51 36.6 31.9 47.9

86 64.5 47.4 71.0



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY003980.D

Acq: 03 Feb 2021 23:17

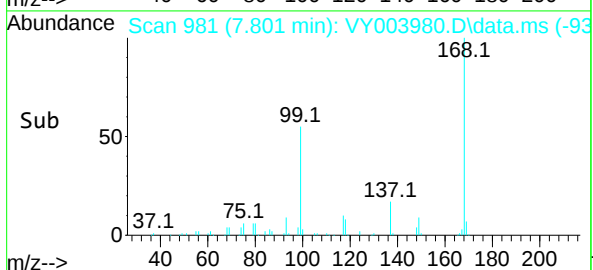
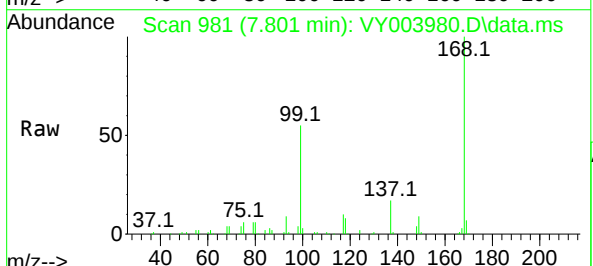
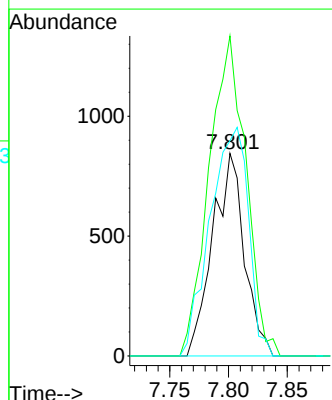
Tgt Ion: 56 Resp: 1586

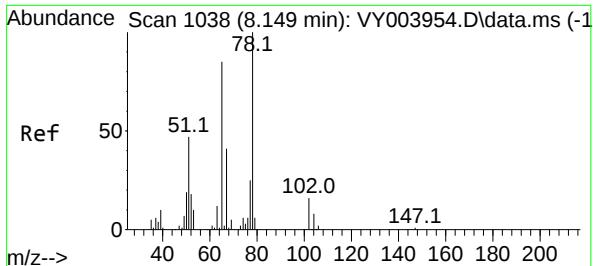
Ion Ratio Lower Upper

56 100

69 158.0 25.0 37.4#

84 106.3 64.5 96.7#

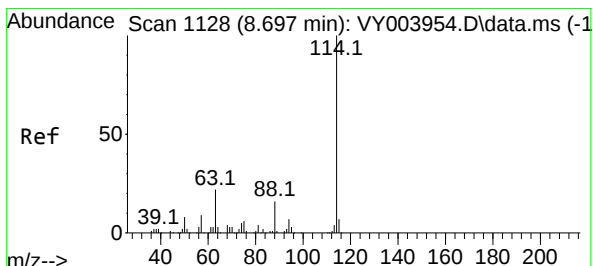
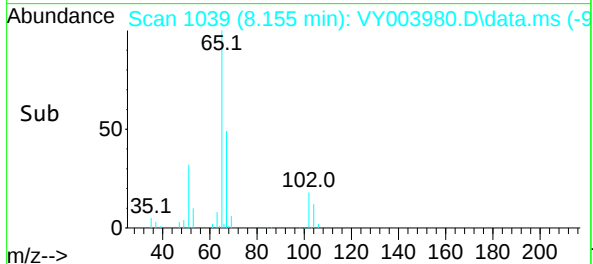
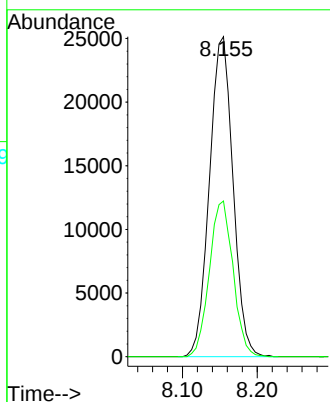
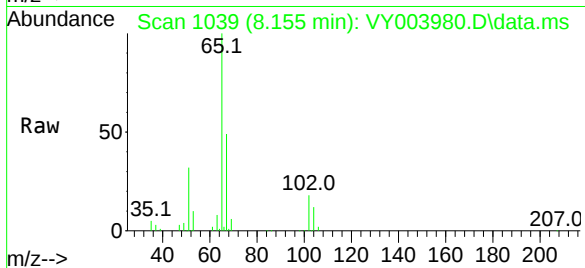




#33
1,2-Dichloroethane-d4
Concen: 60.78 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

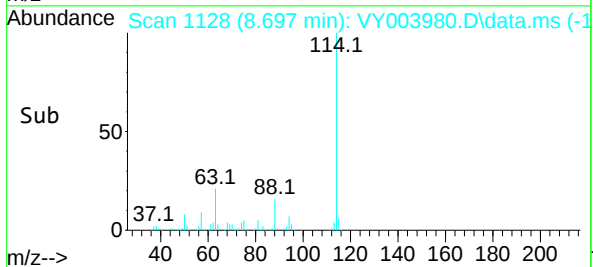
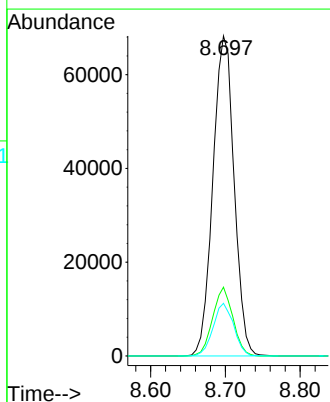
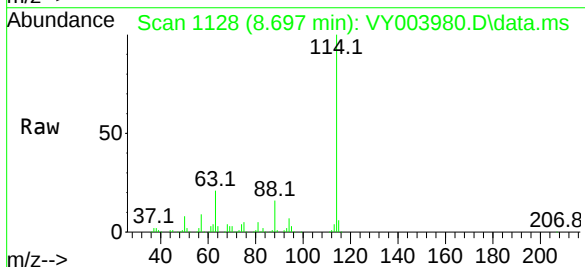
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0002

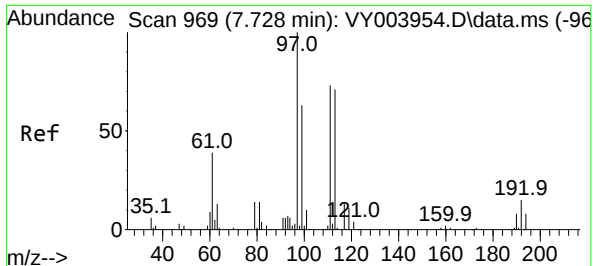
Tgt Ion: 65 Resp: 55072
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

Tgt Ion: 114 Resp: 134786
Ion Ratio Lower Upper
114 100
63 21.5 0.0 47.2
88 16.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.78 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003980.D

Acq: 03 Feb 2021 23:17

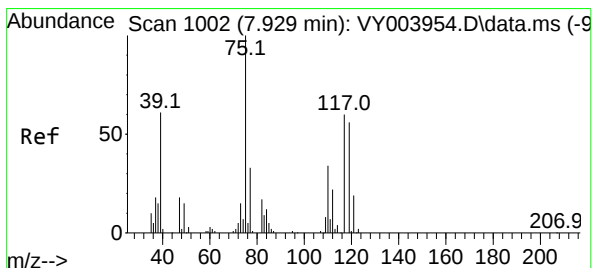
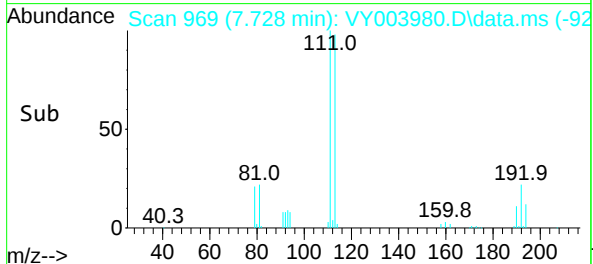
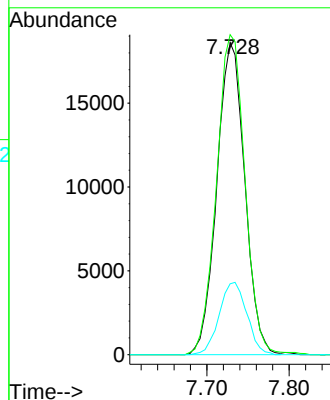
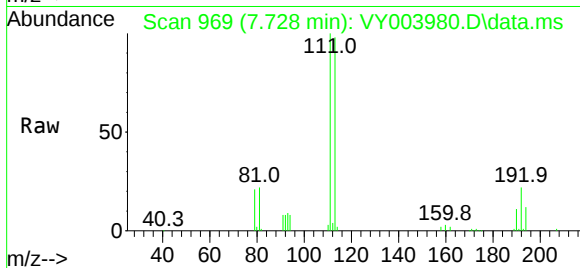
Tgt Ion:113 Resp: 43959

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 22.9 18.3 27.5



#36

1,1-Dichloropropene

Concen: 4.23 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY003980.D

Acq: 03 Feb 2021 23:17

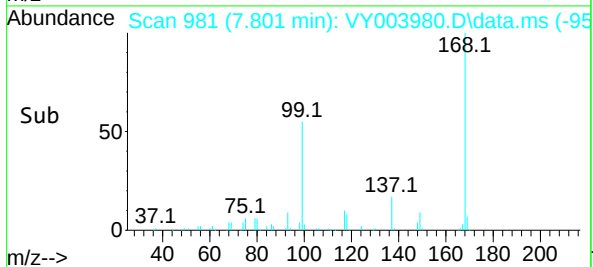
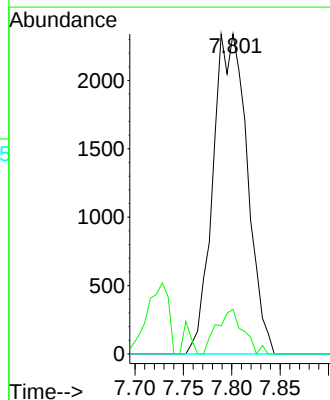
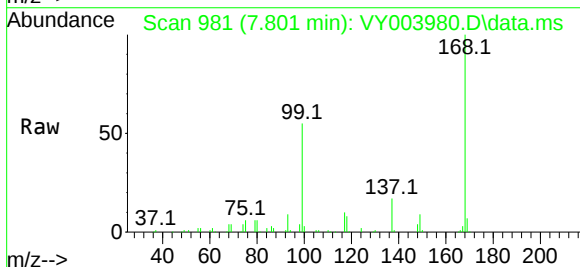
Tgt Ion: 75 Resp: 5768

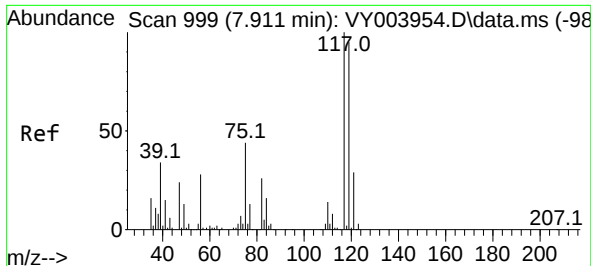
Ion Ratio Lower Upper

75 100

110 10.8 17.9 53.8#

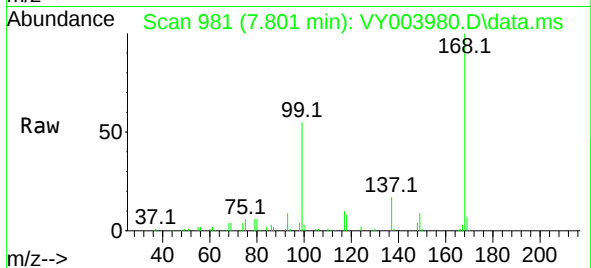
77 0.0 24.8 37.2#



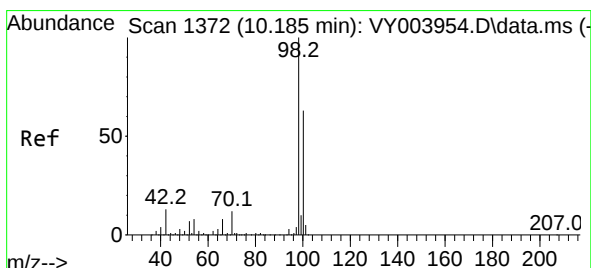
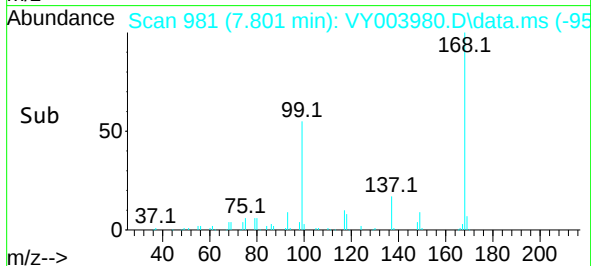
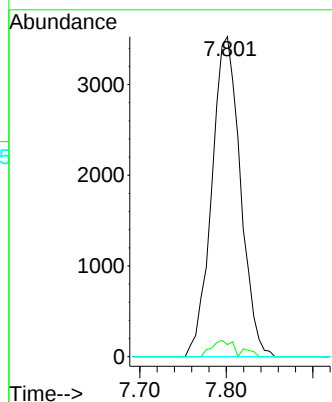


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0002

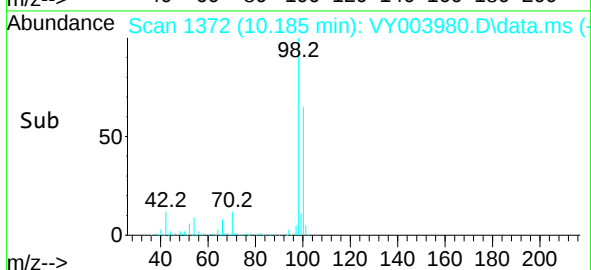
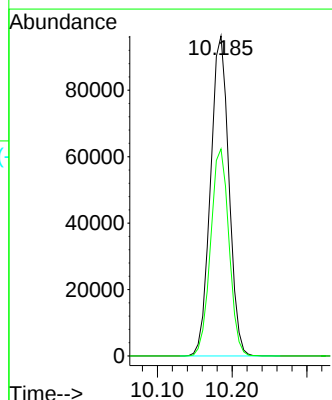
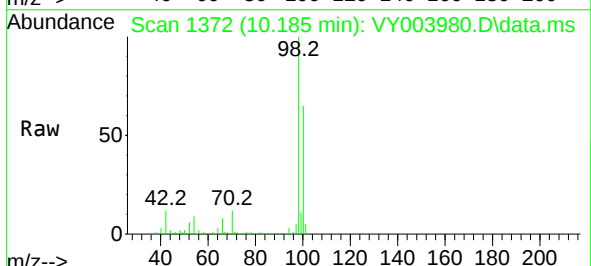


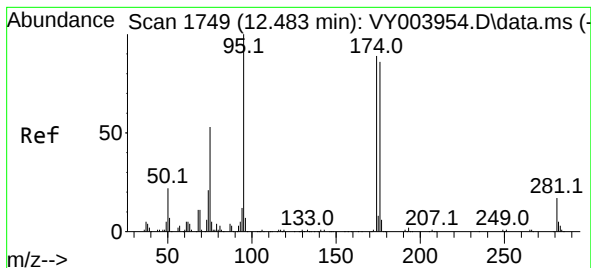
Tgt Ion:117 Resp: 8102
Ion Ratio Lower Upper
117 100
119 3.7 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.18 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

Tgt Ion: 98 Resp: 164465
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

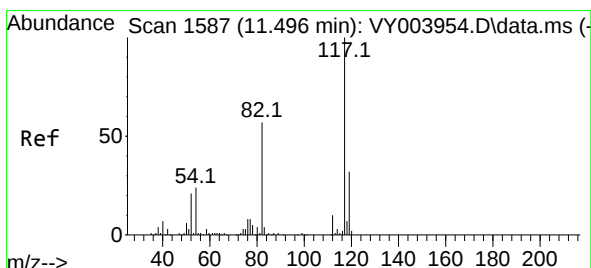
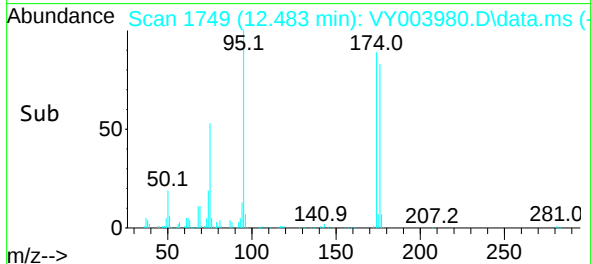
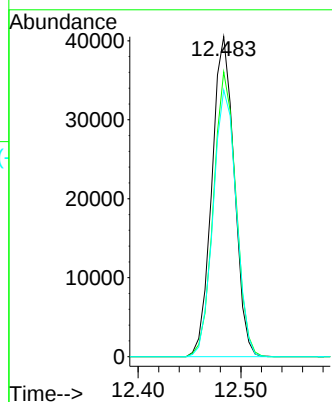
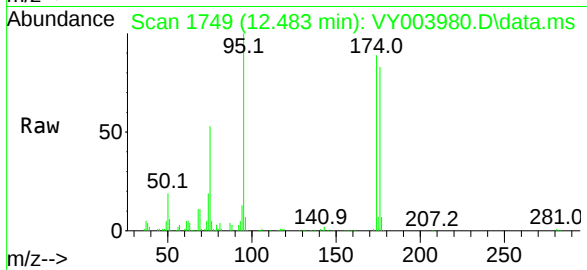




#62
4-Bromofluorobenzene
Concen: 54.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

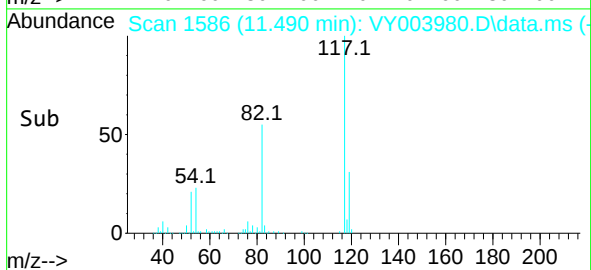
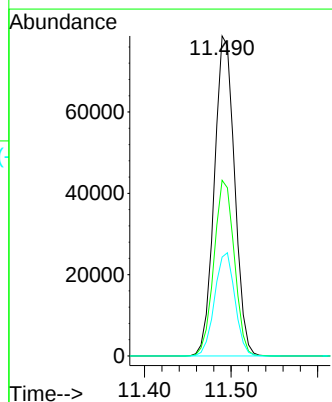
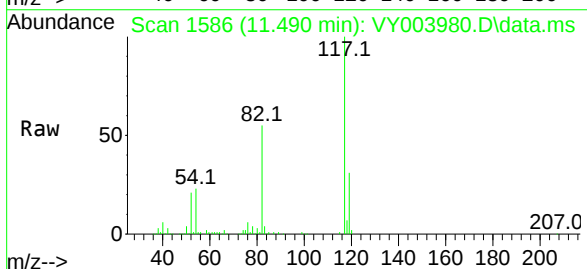
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0002

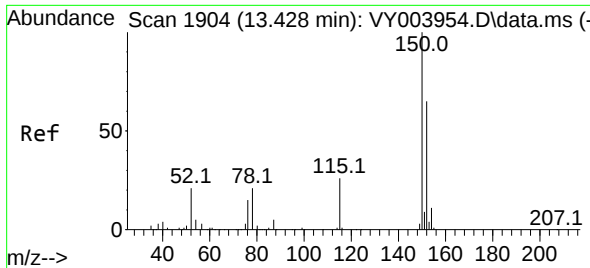
Tgt Ion: 95 Resp: 61104
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.4
176 86.0 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

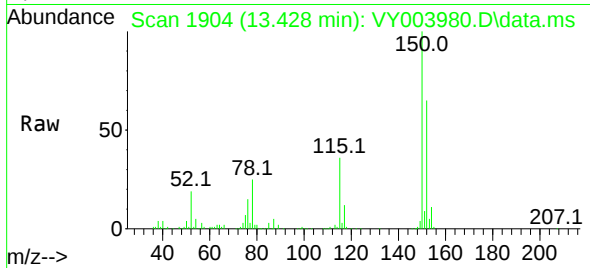
Tgt Ion: 117 Resp: 127795
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 30.9 25.0 37.6



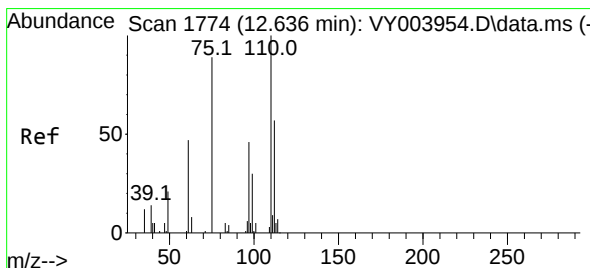
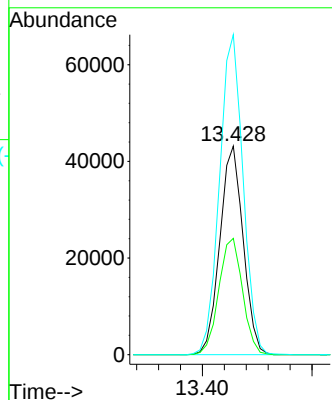
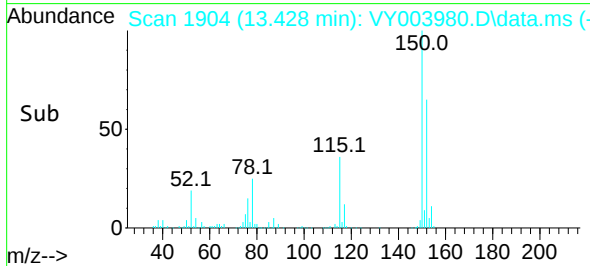


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY003980.D
 Acq: 03 Feb 2021 23:17

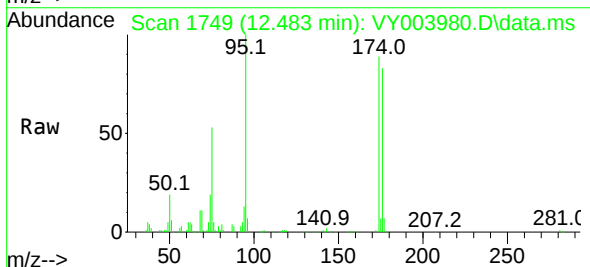
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0002



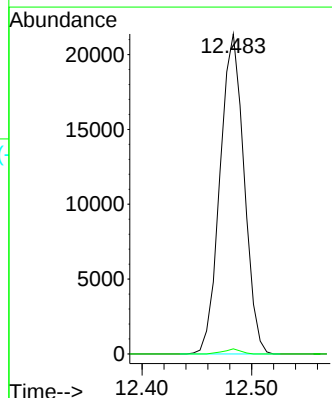
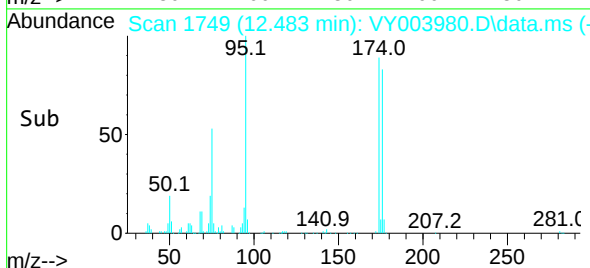
Tgt Ion:152 Resp: 63778
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.6
 150 155.0 0.0 356.2

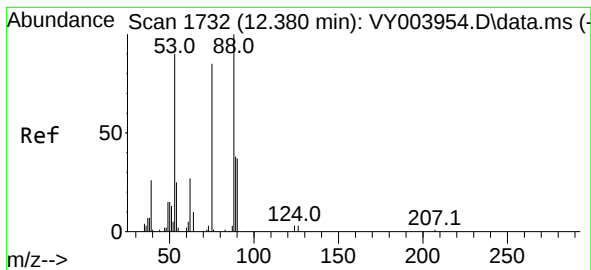


#76
 1,2,3-Trichloropropane
 Concen: 50.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003980.D
 Acq: 03 Feb 2021 23:17



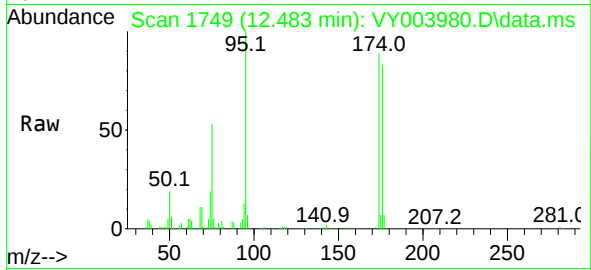
Tgt Ion: 75 Resp: 32595
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003980.D
Acq: 03 Feb 2021 23:17

Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0002



Tgt Ion:	75	Resp:	32595
Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.2#
89	0.0	34.8	52.2#

