

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007045.D
 Acq On : 06 Jan 2022 20:13
 Operator : SY/MD
 Sample : N1051-04
 Misc : 7.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

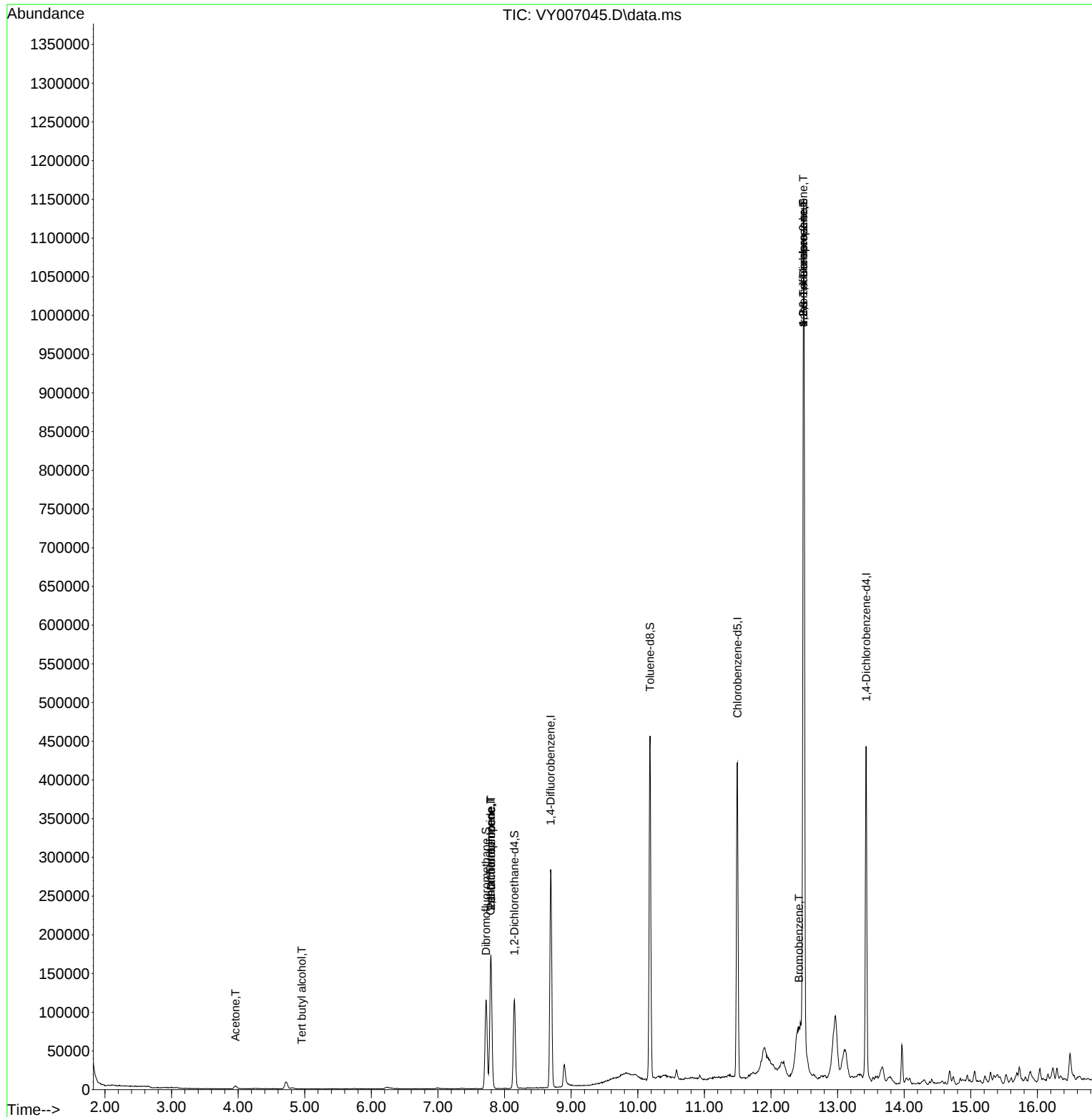
Internal Standards						
1) Pentafluorobenzene	7.795	168	128152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92532	61.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.340%	
35) Dibromofluoromethane	7.722	113	81831	51.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.185	98	296547	50.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.483	95	113394	50.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	199	1.459	ug/l #	71
16) Acetone	3.961	43	7650	22.954	ug/l	98
20) Methylene Chloride	4.723	84	7052	Below Cal		98
36) 1,1-Dichloropropene	7.795	75	10562	3.981	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14392	5.187	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67468	52.388	ug/l #	100
77) Bromobenzene	12.422	156	54687	27.651	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	67722	96.043	ug/l #	4

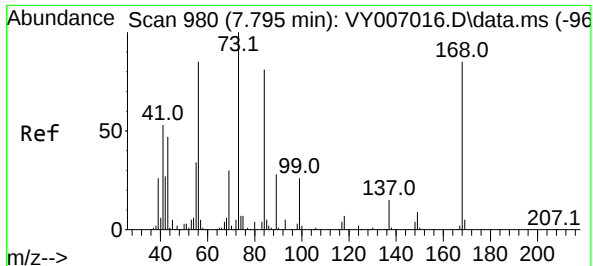
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 11:49:42 2022
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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

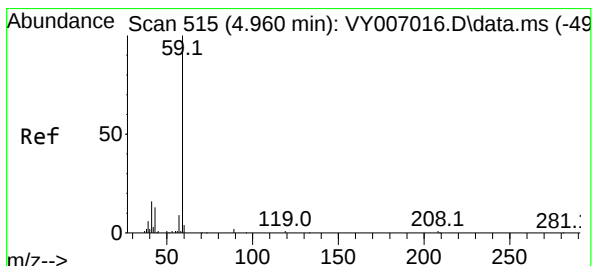
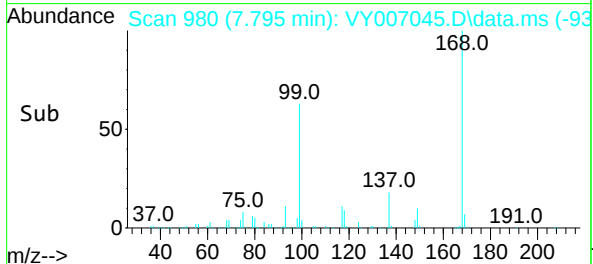
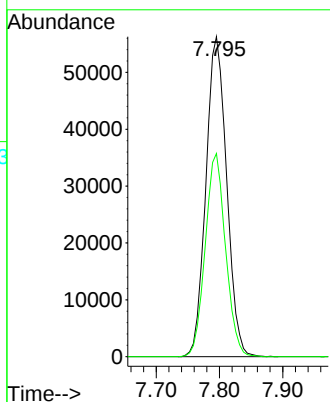
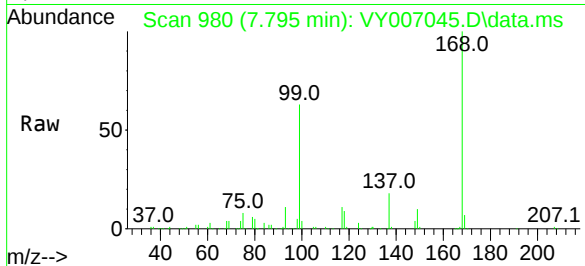




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

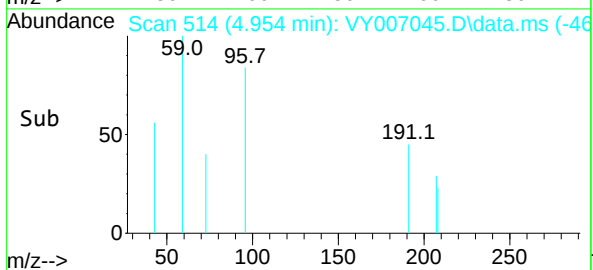
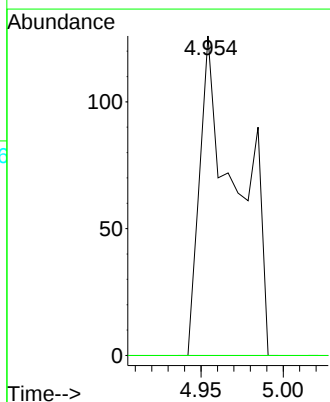
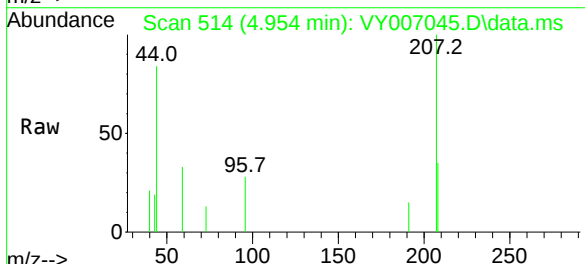
Instrument :
MSVOA_Y
ClientSampleId :

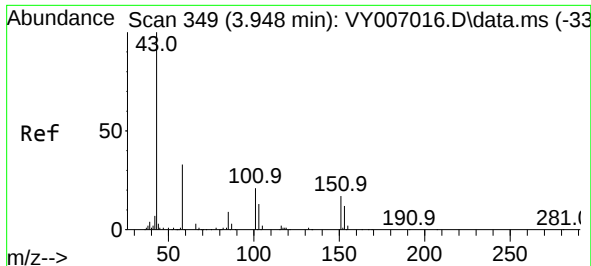
Tgt Ion:168 Resp: 128152
Ion Ratio Lower Upper
168 100
99 63.5 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.459 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

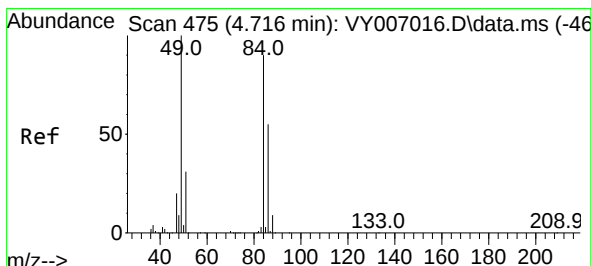
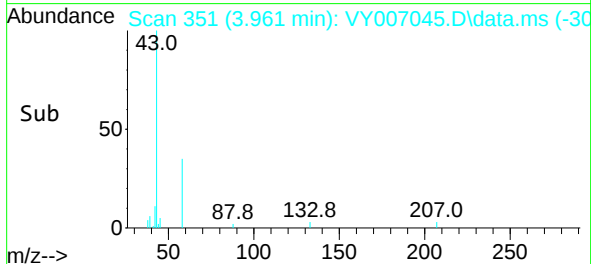
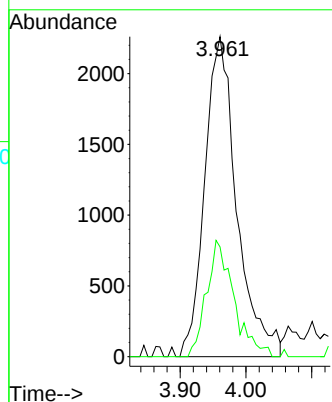
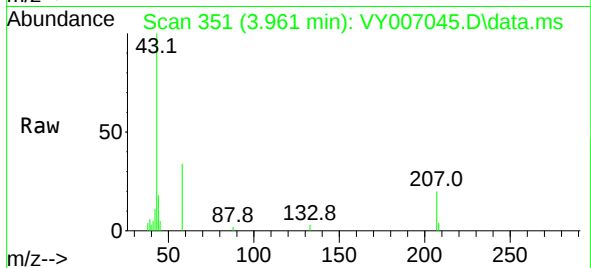




#16
Acetone
Concen: 22.954 ug/l
RT: 3.961 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

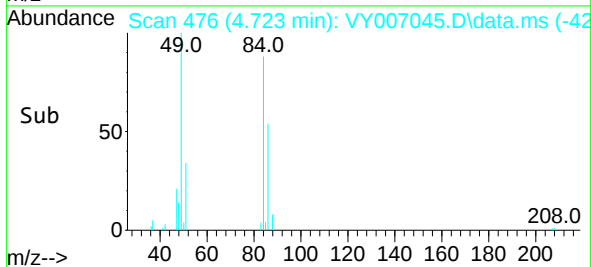
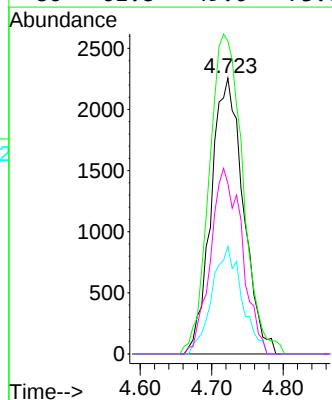
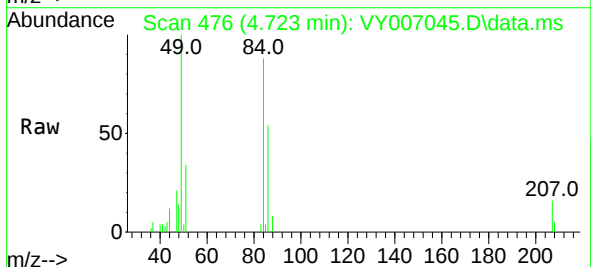
Instrument :
MSVOA_Y
ClientSampleId :

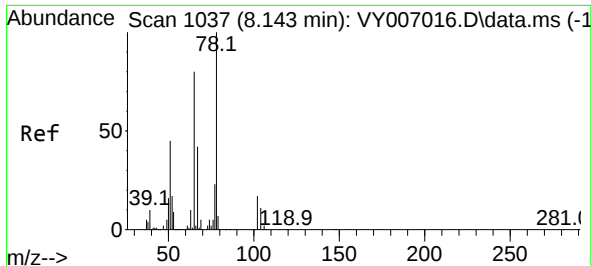
Tgt Ion: 43 Resp: 7650
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 84 Resp: 7052
Ion Ratio Lower Upper
84 100
49 113.4 89.4 134.0
51 39.0 27.7 41.5
86 61.8 49.0 73.6





#33

1,2-Dichloroethane-d4

Concen: 61.169 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

Instrument :

MSVOA_Y

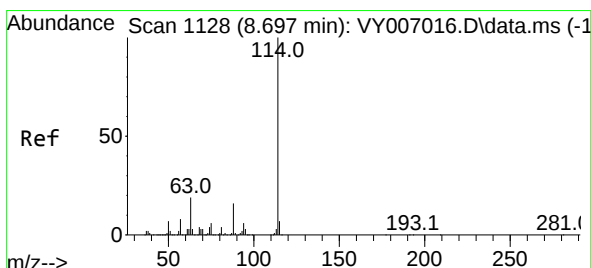
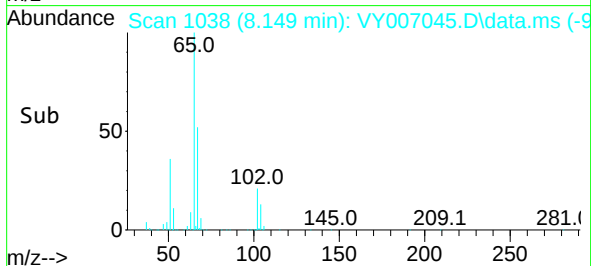
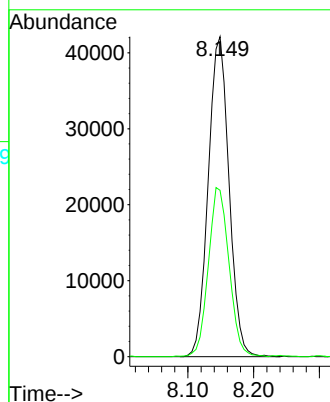
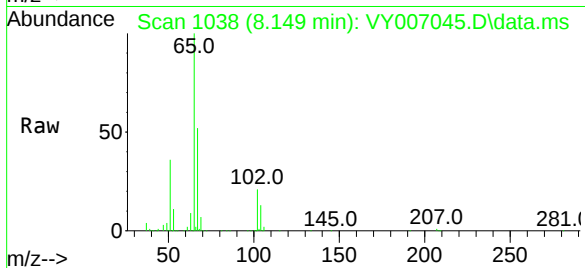
ClientSampleId :

Tgt Ion: 65 Resp: 92532

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

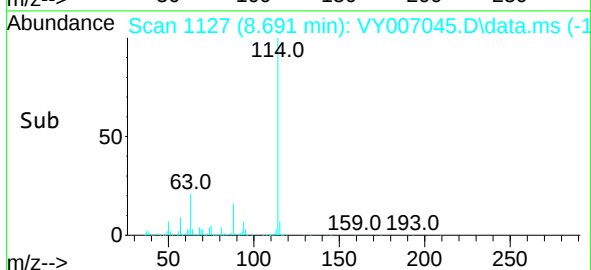
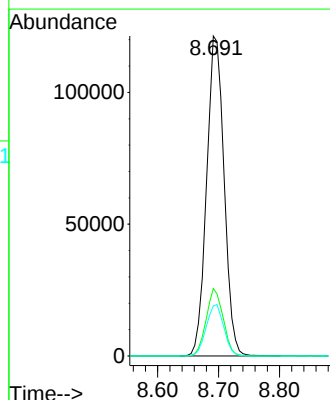
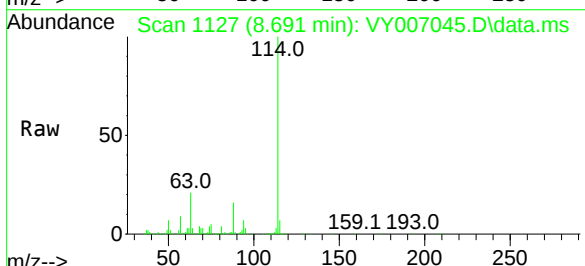
Tgt Ion: 114 Resp: 242137

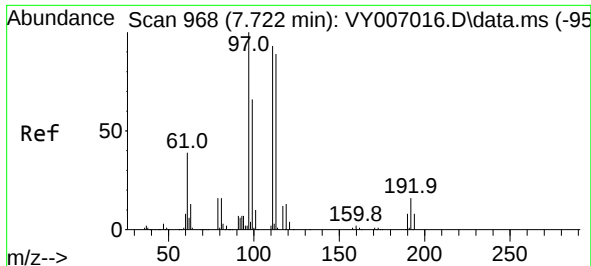
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.412 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.000 min

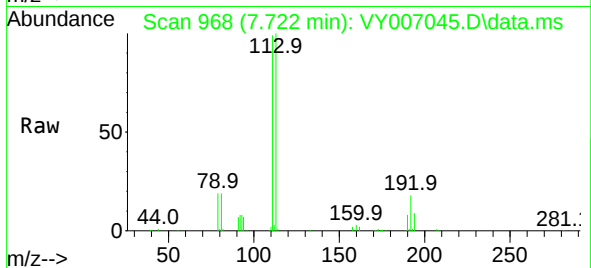
Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :



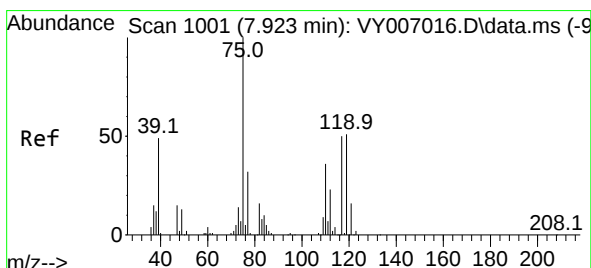
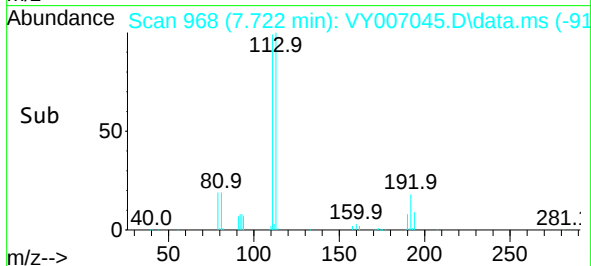
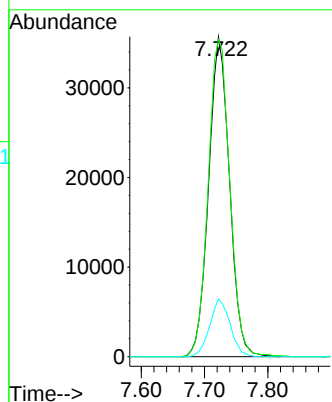
Tgt Ion:113 Resp: 81831

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.981 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

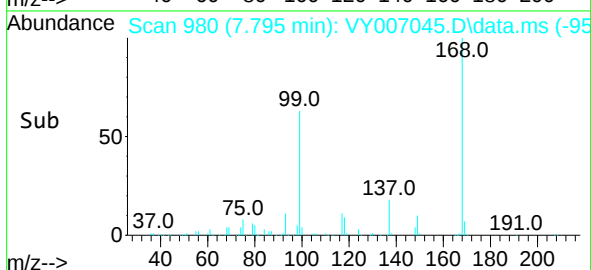
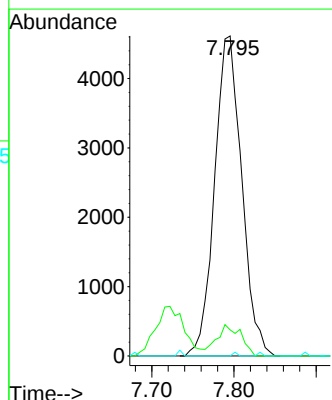
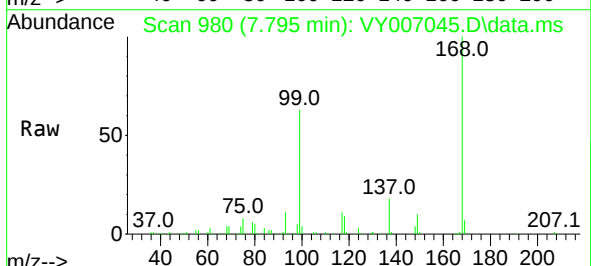
Tgt Ion: 75 Resp: 10562

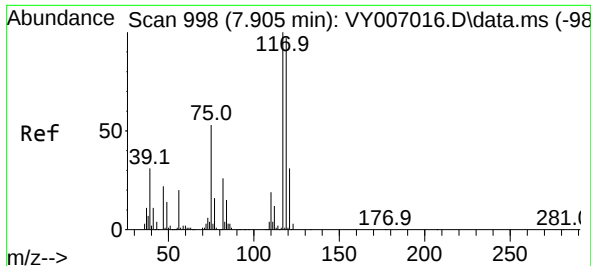
Ion Ratio Lower Upper

75 100

110 8.6 18.0 54.0#

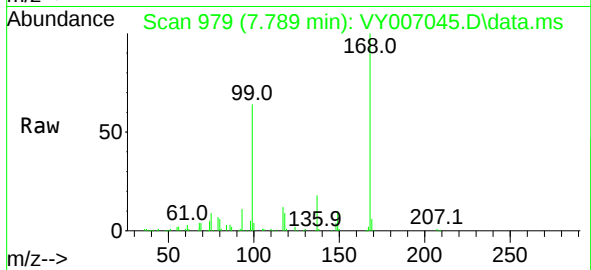
77 0.2 25.4 38.2#



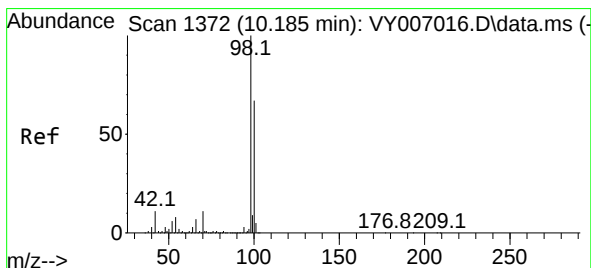
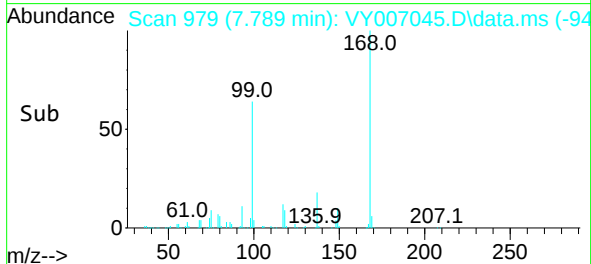
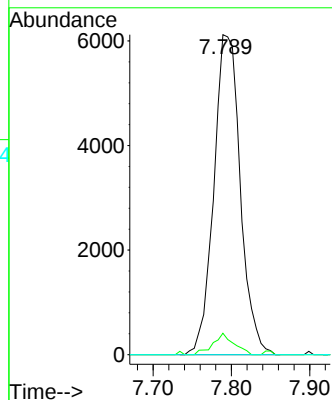


#38
Carbon Tetrachloride
Concen: 5.187 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :

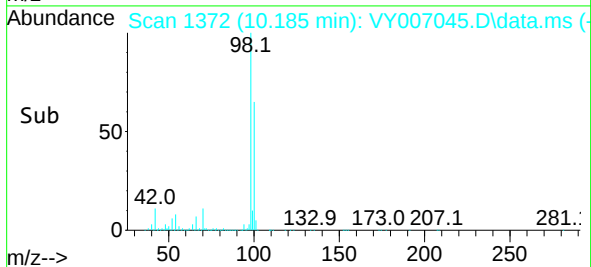
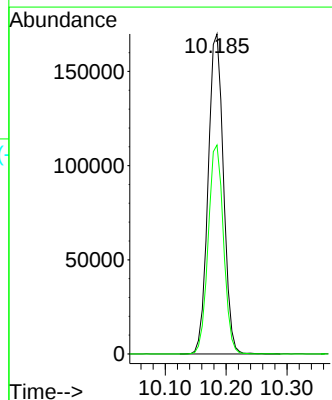
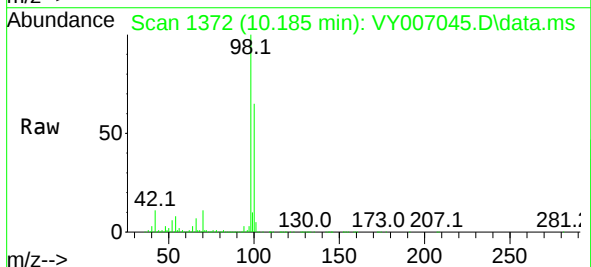


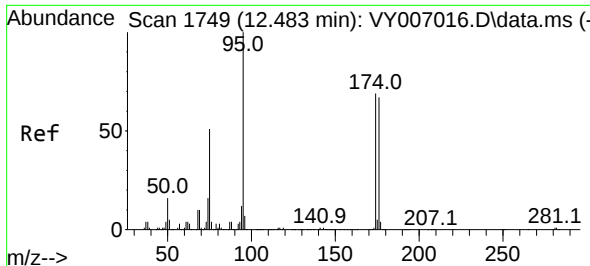
Tgt Ion:117 Resp: 14392
Ion Ratio Lower Upper
117 100
119 6.7 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 98 Resp: 296547
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

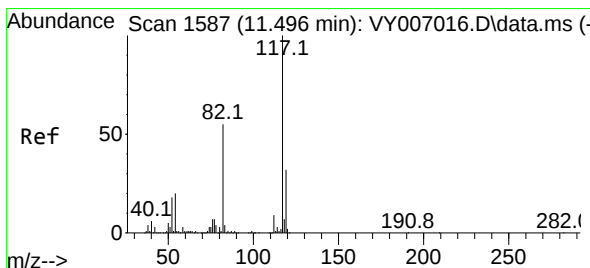
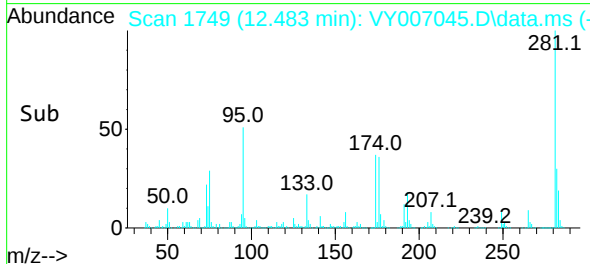
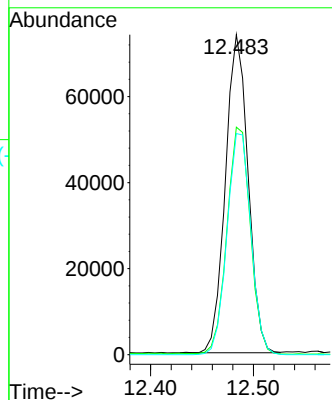
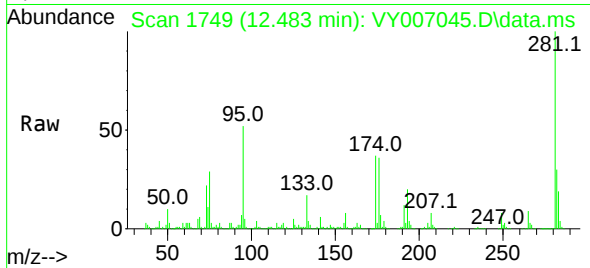




#62
4-Bromofluorobenzene
Concen: 50.914 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

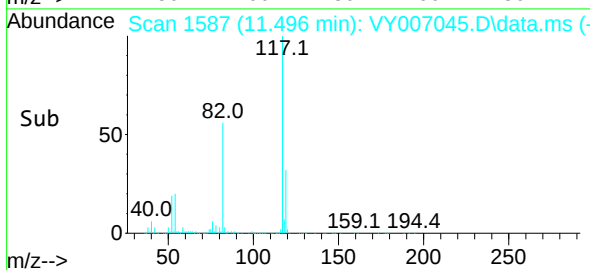
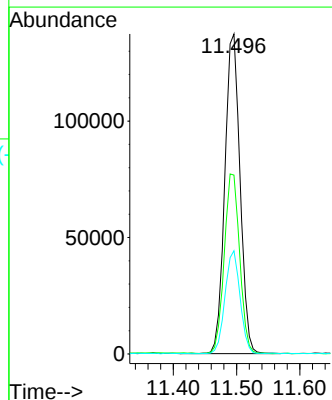
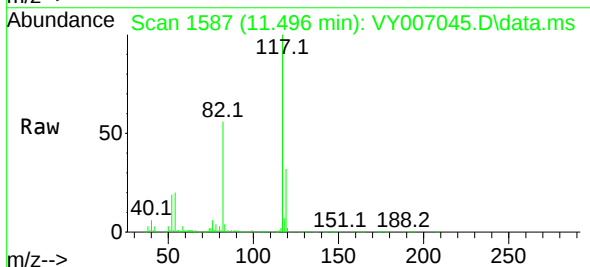
Instrument :
MSVOA_Y
ClientSampleId :

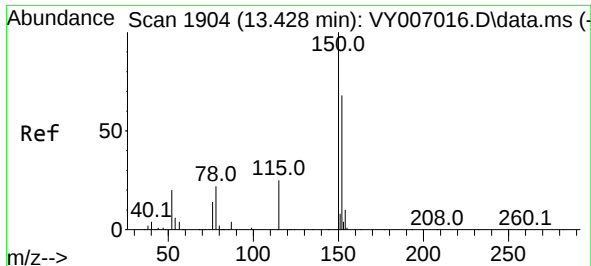
Tgt Ion: 95 Resp: 113394
Ion Ratio Lower Upper
95 100
174 73.5 0.0 144.6
176 73.0 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 117 Resp: 228404
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.2 25.3 37.9

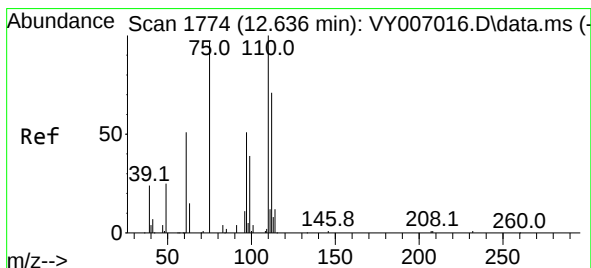
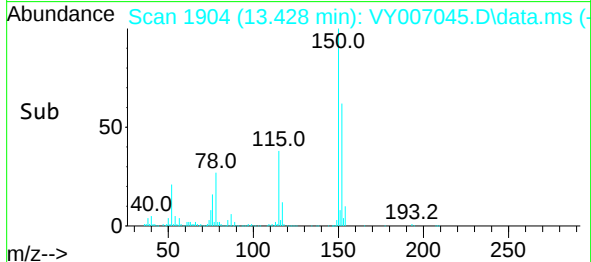
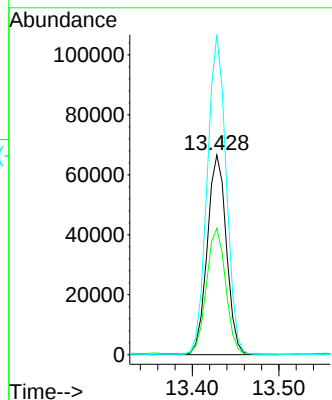
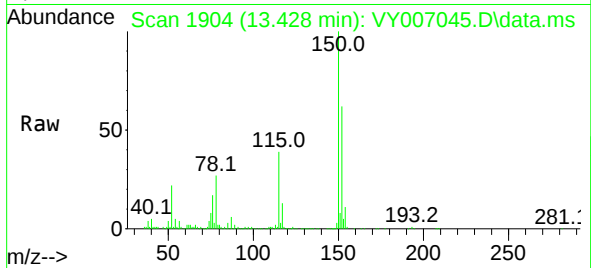




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007045.D
 Acq: 06 Jan 2022 20:13

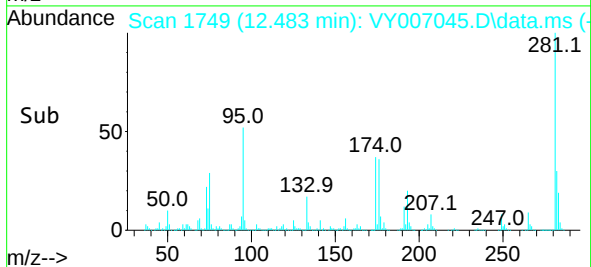
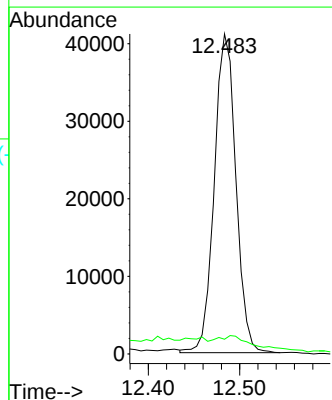
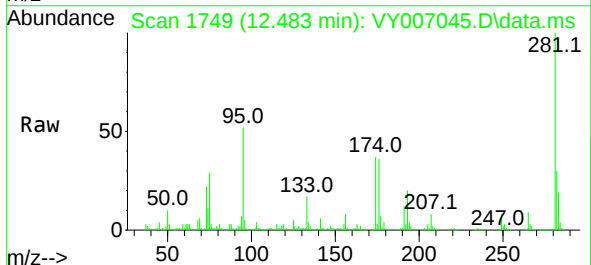
Instrument :
 MSVOA_Y
 ClientSampleId :

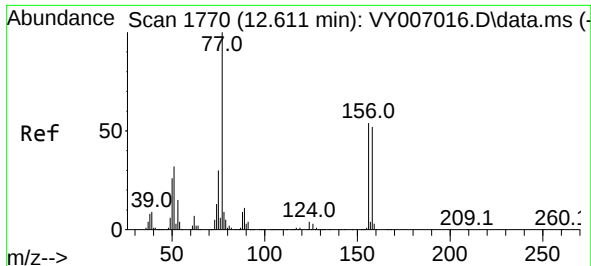
Tgt Ion:152 Resp: 102243
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.9 95.5
 150 158.8 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 52.388 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007045.D
 Acq: 06 Jan 2022 20:13

Tgt Ion: 75 Resp: 67468
 Ion Ratio Lower Upper
 75 100
 77 8.5 0.0 0.0#

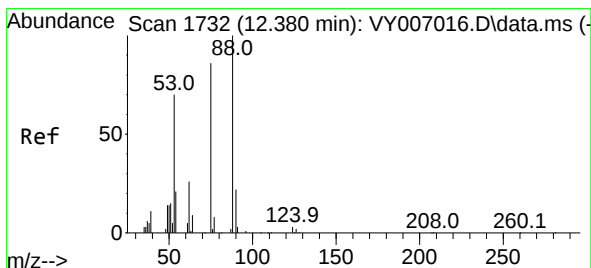
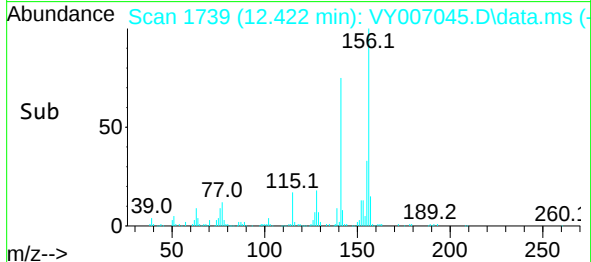
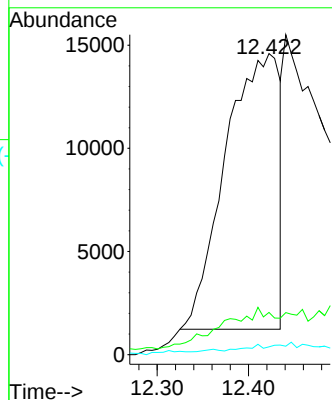
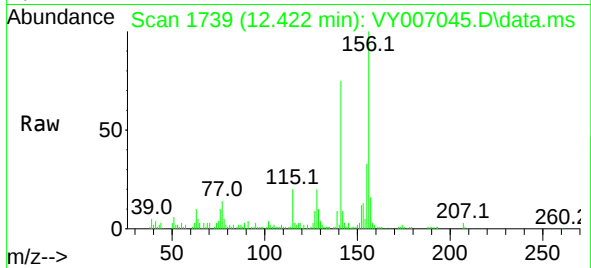




#77
Bromobenzene
Concen: 27.651 ug/l
RT: 12.422 min Scan# 1749
Delta R.T. -0.189 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 54687
Ion Ratio Lower Upper
156 100
77 0.0 99.5 298.5#
158 0.7 47.9 143.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 75 Resp: 67722
Ion Ratio Lower Upper
75 100
53 0.1 72.2 108.4#
89 0.0 0.0 0.0

