

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007059.D
 Acq On : 07 Jan 2022 17:39
 Operator : SY/MD
 Sample : N1065-20
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:11:49 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)

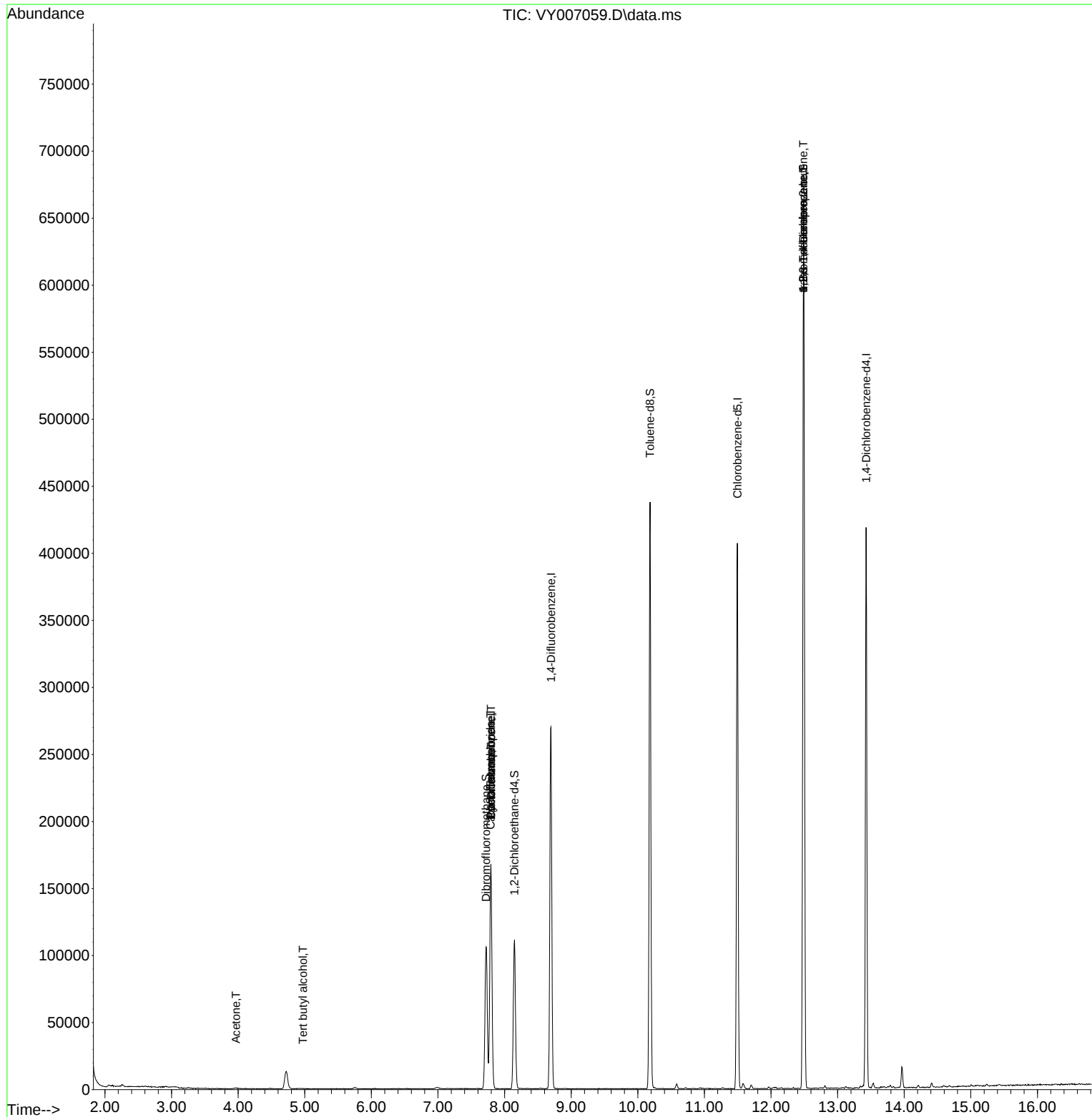
Internal Standards						
1) Pentafluorobenzene	7.795	168	124803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90261	61.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.540%			
35) Dibromofluoromethane	7.722	113	79442	50.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.960%			
50) Toluene-d8	10.185	98	289325	49.973	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.483	95	109390	50.169	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.340%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.972	59	261	1.965	ug/l #	71
16) Acetone	3.966	43	1254	3.864	ug/l #	73
20) Methylene Chloride	4.722	84	10598	Below Cal		96
31) Cyclohexane	7.795	56	2767	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10613	4.086	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13397	4.932	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	60795	48.022	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60795	87.709	ug/l #	4

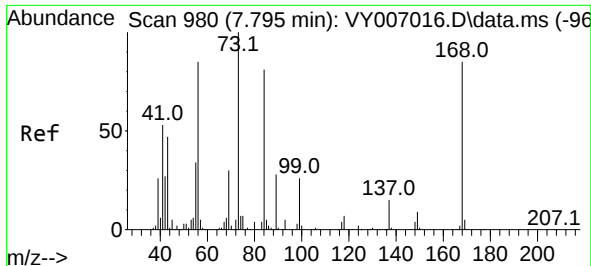
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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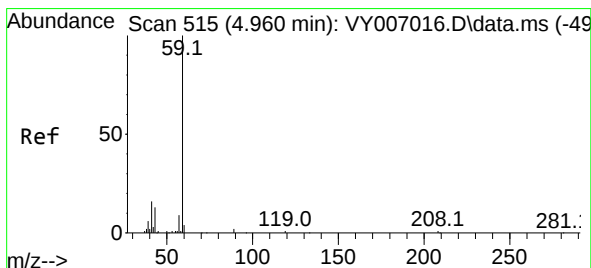
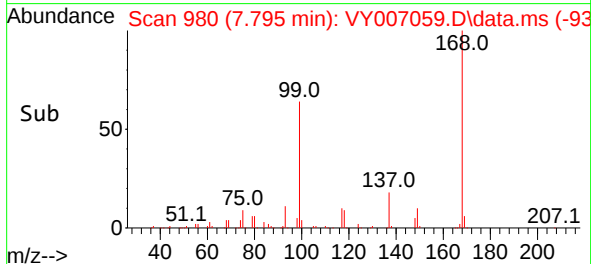
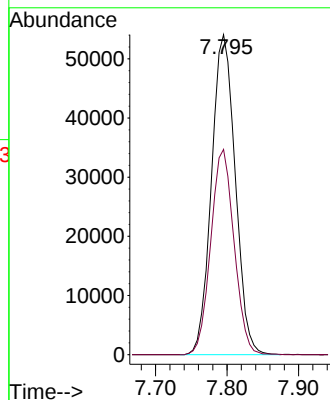
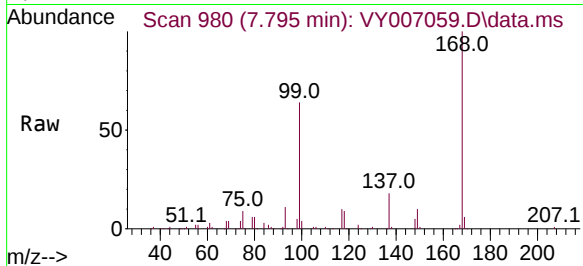




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

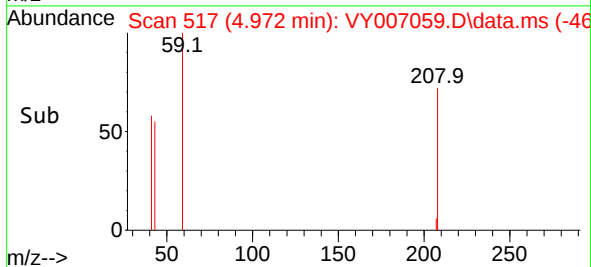
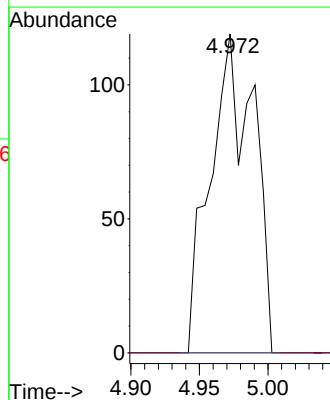
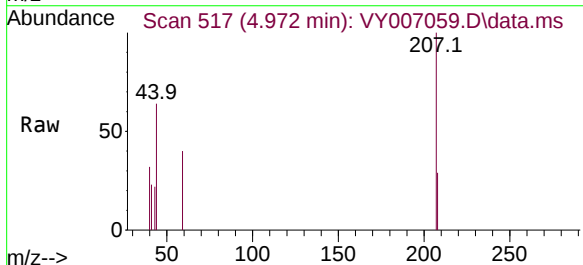
Instrument :
MSVOA_Y
ClientSampleId :

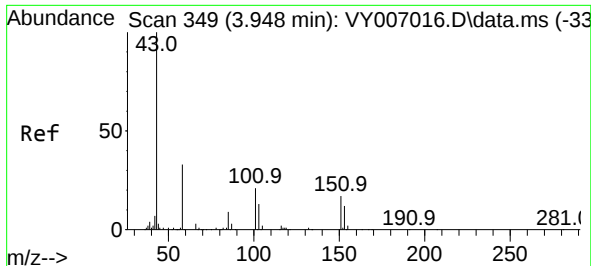
Tgt Ion:168 Resp: 124803
Ion Ratio Lower Upper
168 100
99 64.1 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.965 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

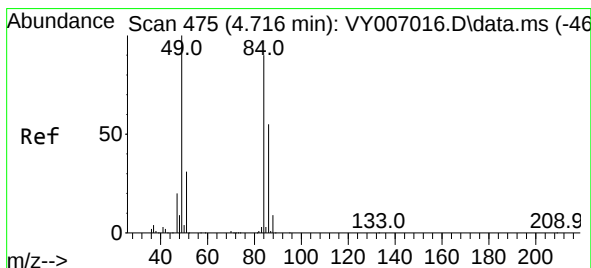
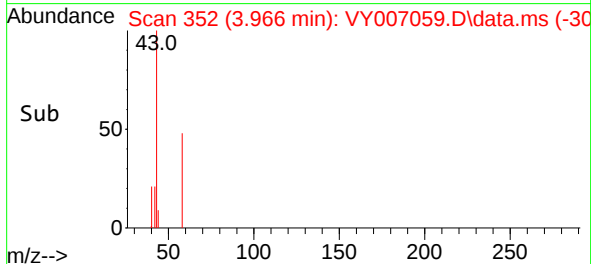
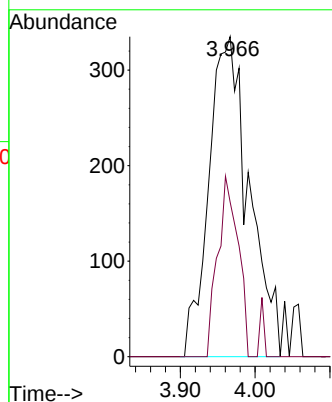
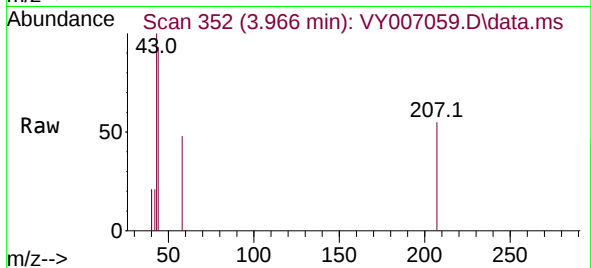




#16
Acetone
Concen: 3.864 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

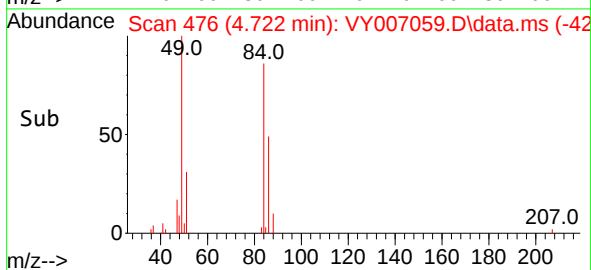
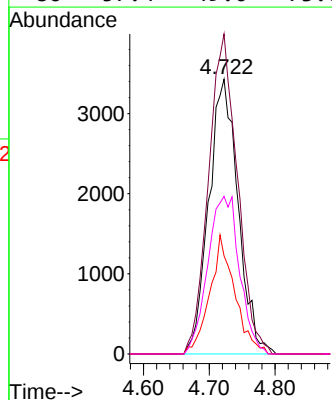
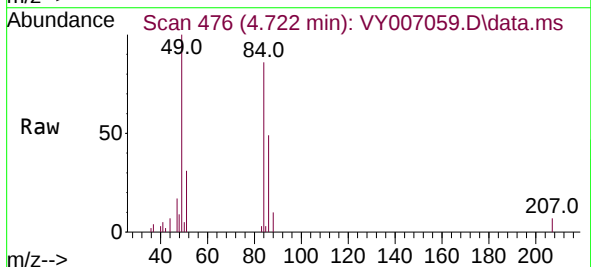
Instrument :
MSVOA_Y
ClientSampleId :

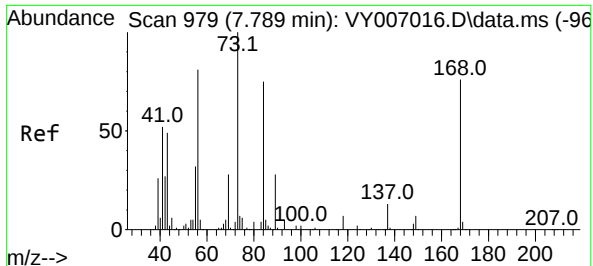
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 48.4 26.3 39.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 84 Resp: 10598
Ion Ratio Lower Upper
84 100
49 116.5 89.4 134.0
51 35.7 27.7 41.5
86 57.4 49.0 73.6

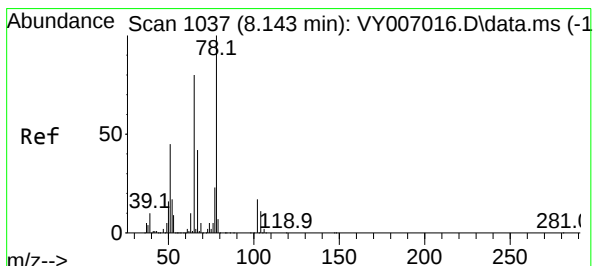
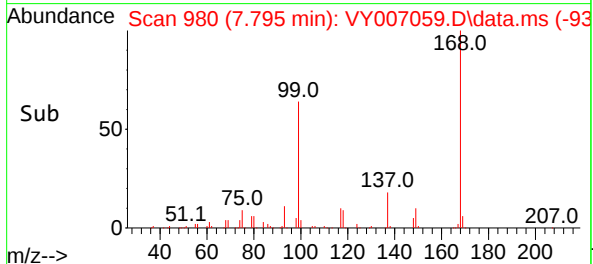
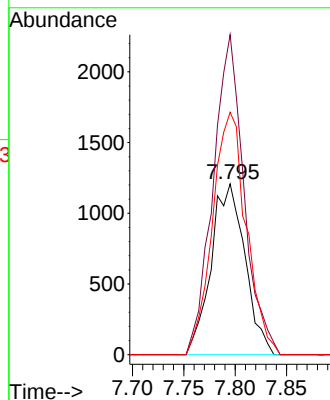
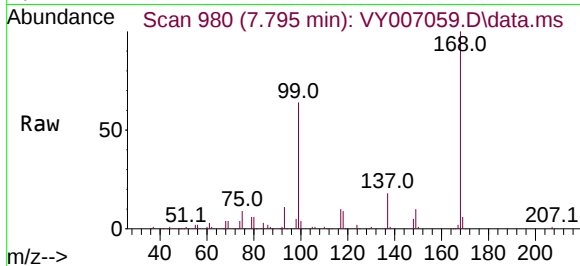




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

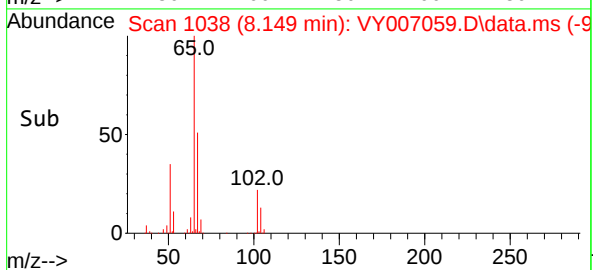
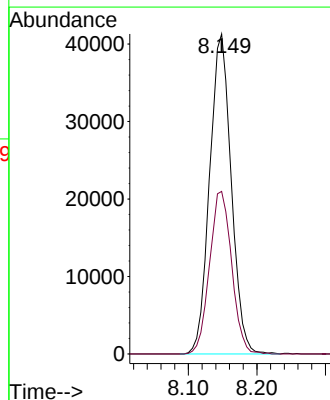
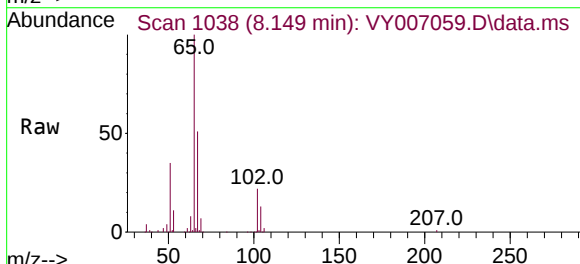
Instrument :
MSVOA_Y
ClientSampleId :

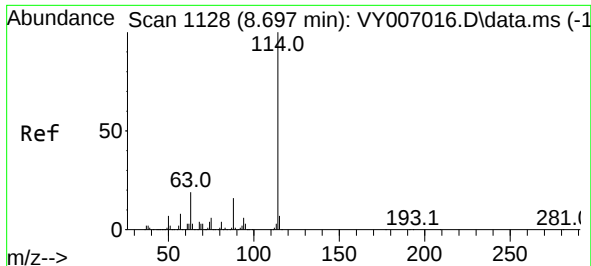
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 187.3 27.8 41.6#
84 141.9 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 61.269 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 65 Resp: 90261
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007059.D

Acq: 07 Jan 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

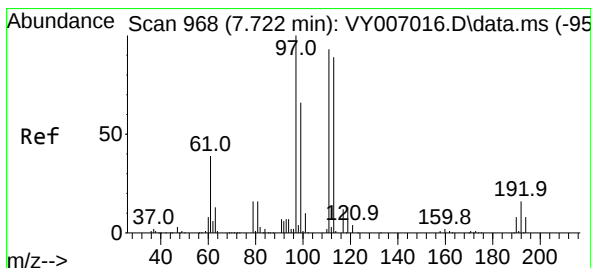
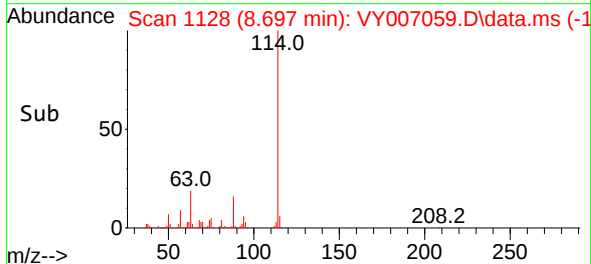
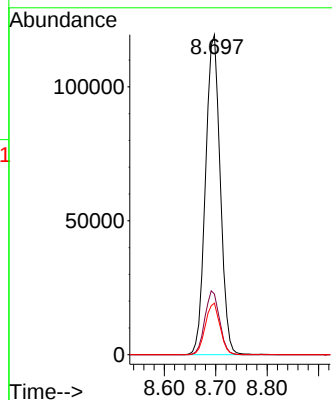
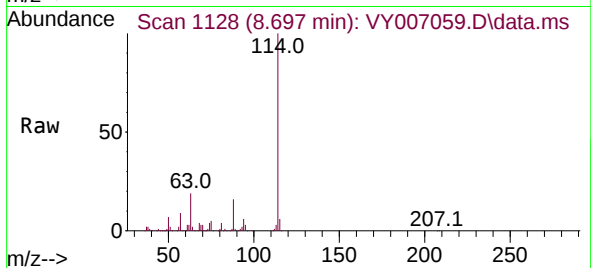
Tgt Ion:114 Resp: 237053

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.981 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007059.D

Acq: 07 Jan 2022 17:39

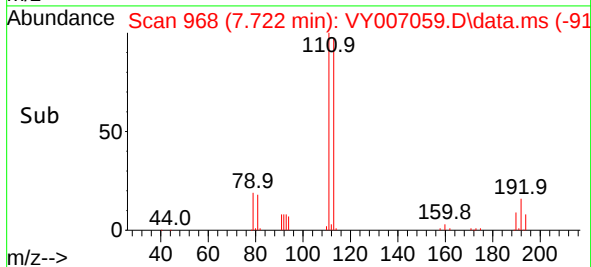
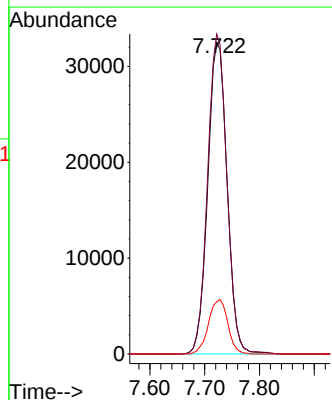
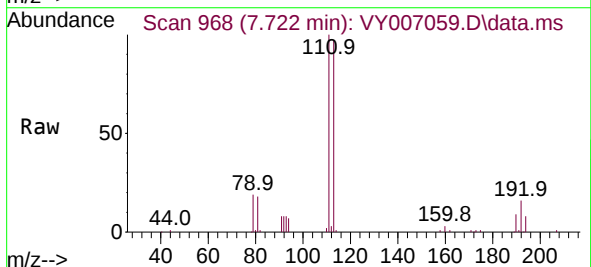
Tgt Ion:113 Resp: 79442

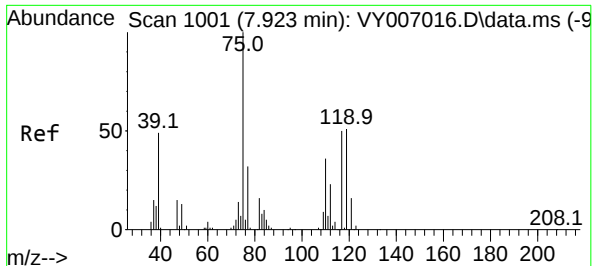
Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 17.4 14.6 21.8

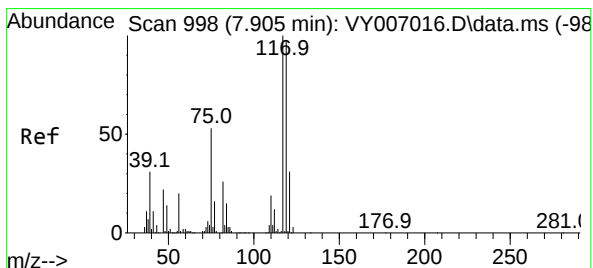
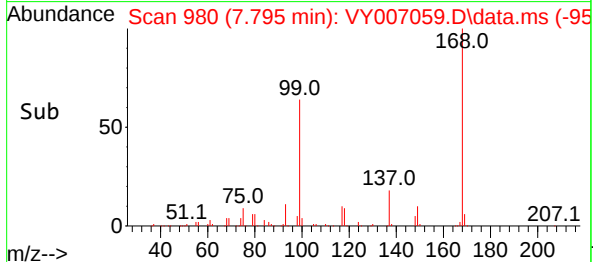
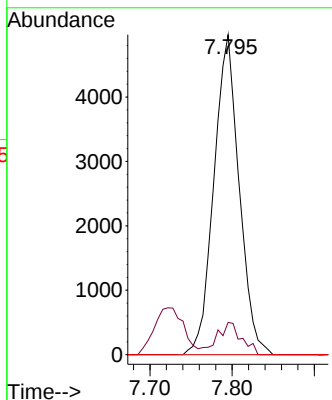
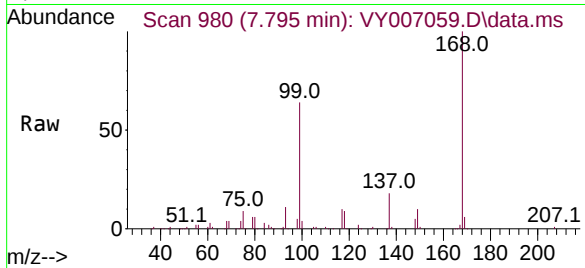




#36
1,1-Dichloropropene
Concen: 4.086 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

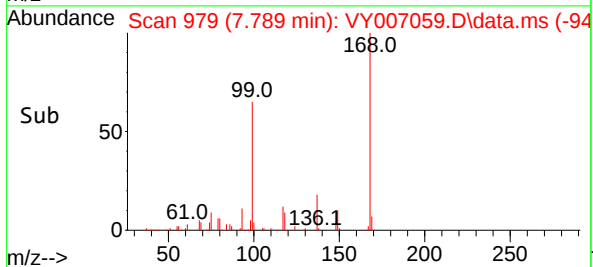
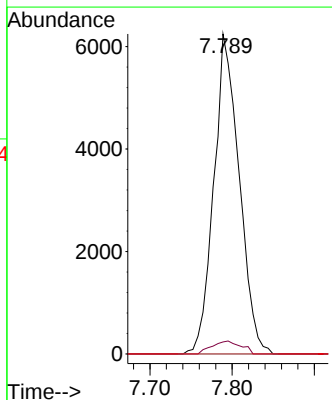
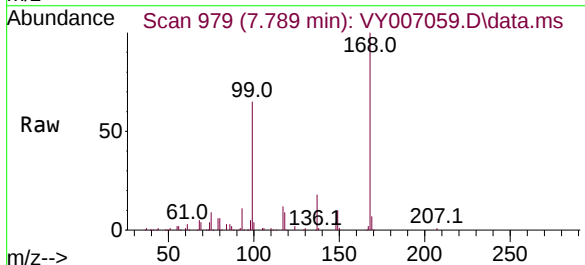
Instrument :
MSVOA_Y
ClientSampleId :

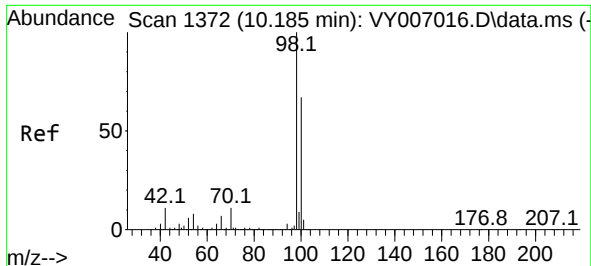
Tgt Ion: 75 Resp: 10613
Ion Ratio Lower Upper
75 100
110 9.4 18.0 54.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.932 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 117 Resp: 13397
Ion Ratio Lower Upper
117 100
119 3.8 77.7 116.5#
121 0.0 24.4 36.6#

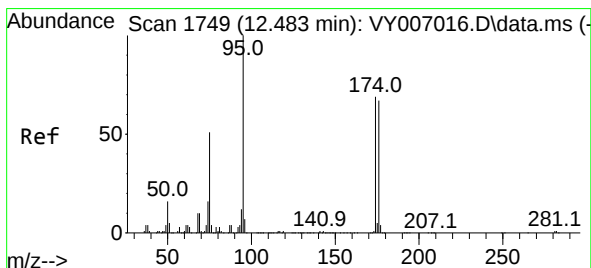
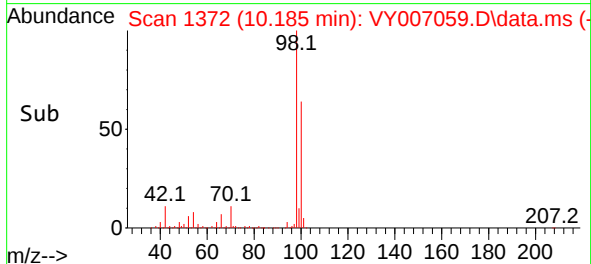
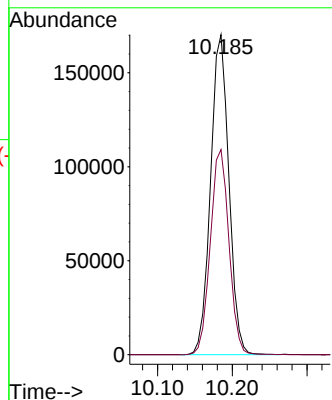
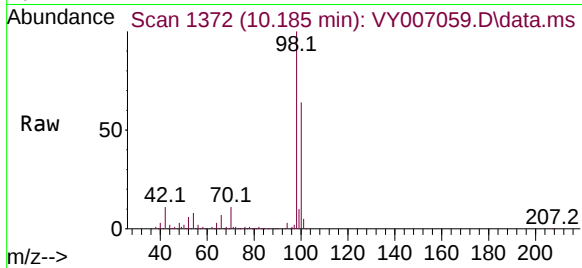




#50
Toluene-d8
Concen: 49.973 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

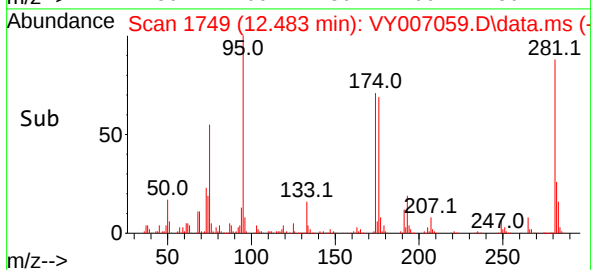
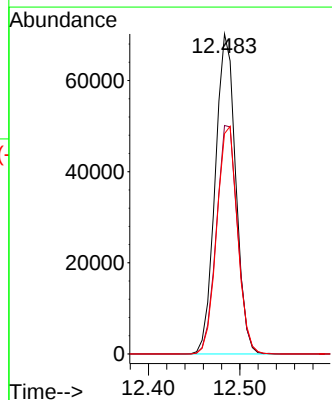
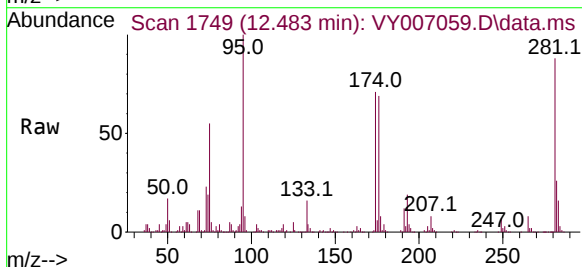
Instrument :
MSVOA_Y
ClientSampleId :

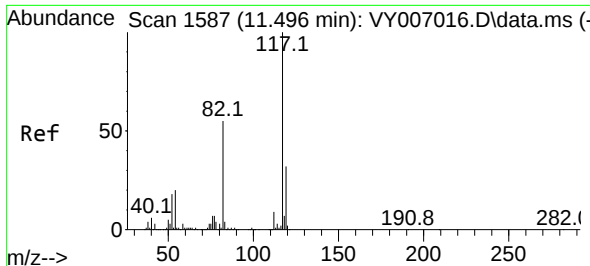
Tgt Ion: 98 Resp: 289325
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 95 Resp: 109390
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 72.1 0.0 141.0

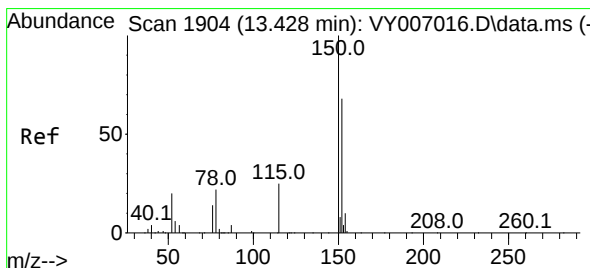
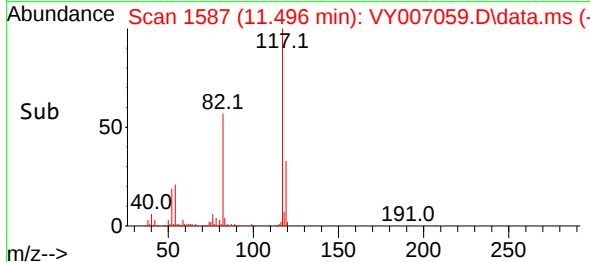
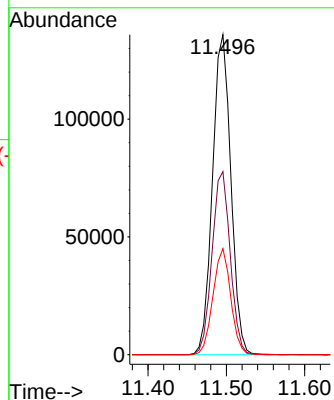
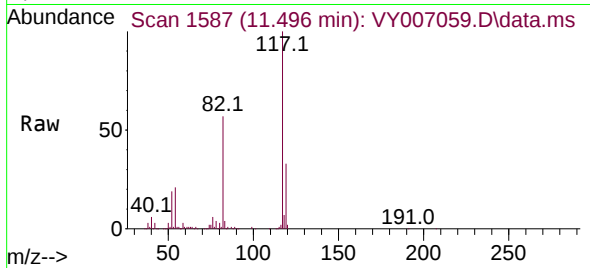




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

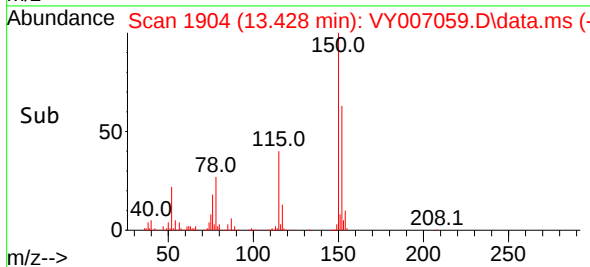
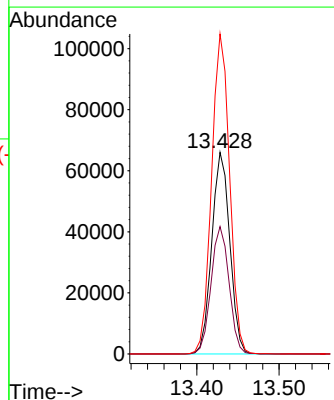
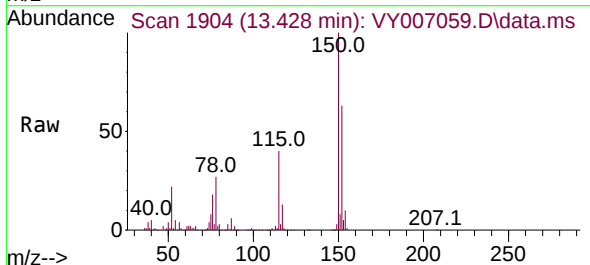
Instrument :
MSVOA_Y
ClientSampleId :

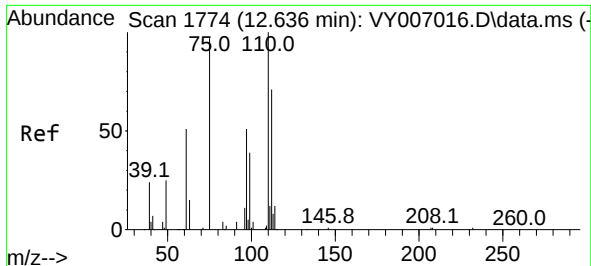
Tgt Ion:117 Resp: 221189
Ion Ratio Lower Upper
117 100
82 57.2 44.1 66.1
119 33.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion:152 Resp: 100506
Ion Ratio Lower Upper
152 100
115 63.2 31.9 95.5
150 158.5 0.0 358.0

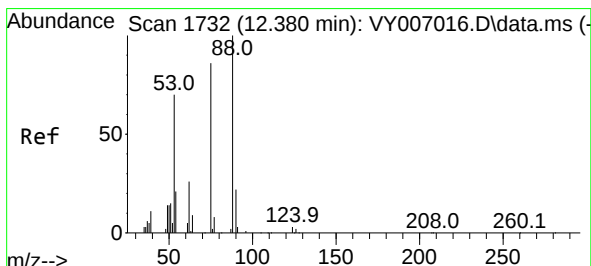
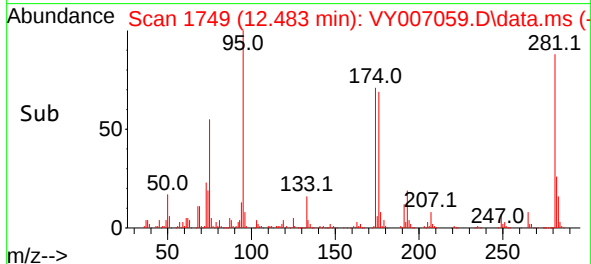
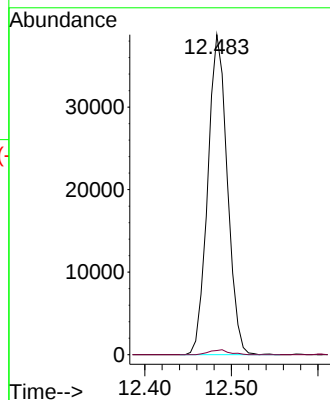
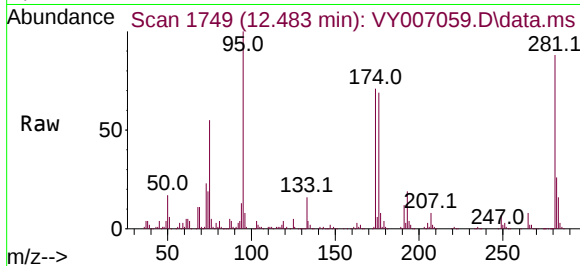




#76
1,2,3-Trichloropropane
Concen: 48.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60795
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007059.D
Acq: 07 Jan 2022 17:39

Tgt Ion: 75 Resp: 60795
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 2.4 0.0 0.0#

