

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010846.D
 Acq On : 06 Oct 2022 15:45
 Operator : KP/MD
 Sample : N5004-19
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22019-18

Quant Time: Oct 07 02:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

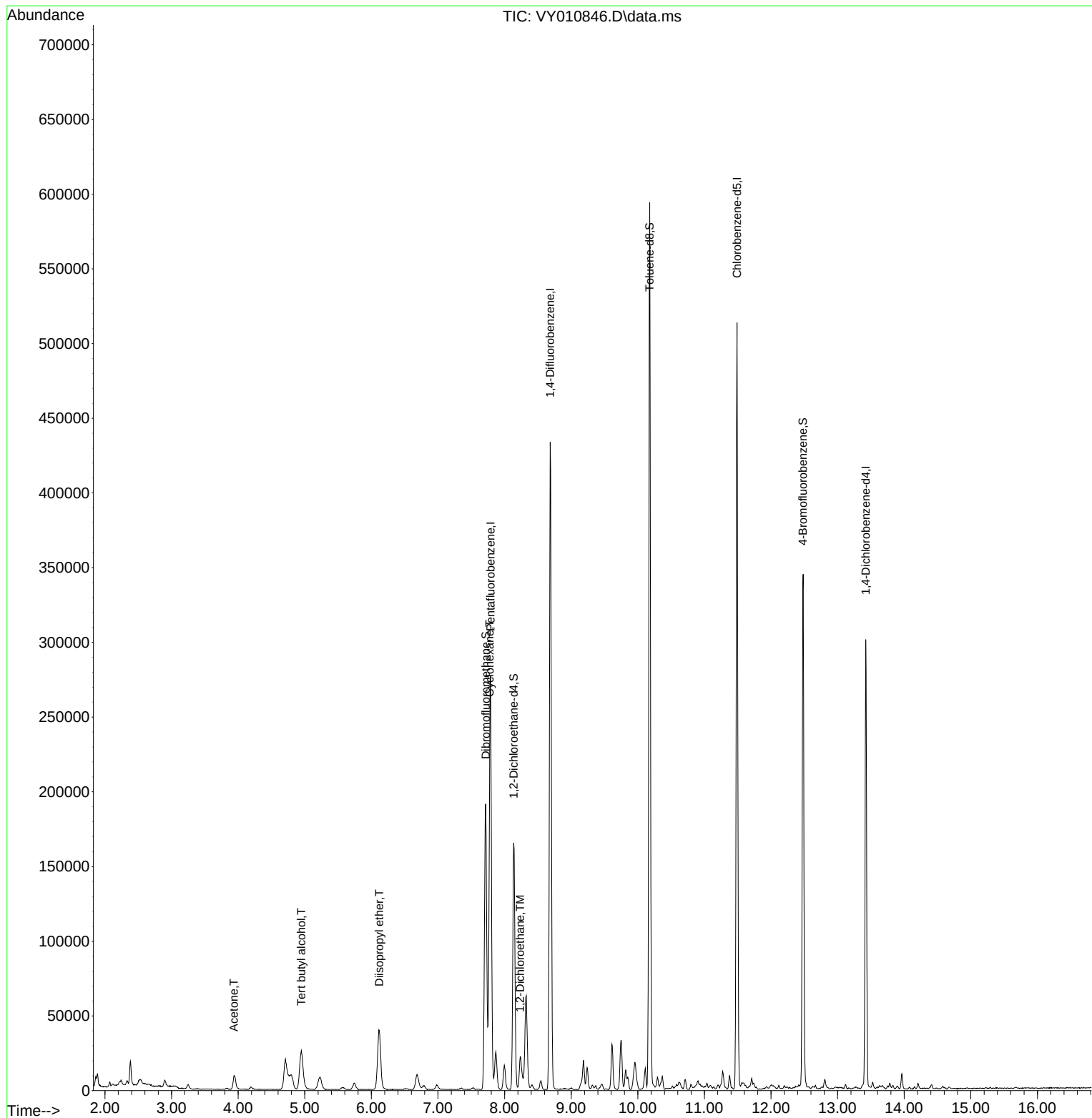
Internal Standards						
1) Pentafluorobenzene	7.789	168	211301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128238	59.874	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.740%			
35) Dibromofluoromethane	7.716	113	135788	55.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.360%			
50) Toluene-d8	10.179	98	381393	45.317	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.640%			
62) 4-Bromofluorobenzene	12.477	95	103421	29.981	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 59.960%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	48158	258.760	ug/l #	93
16) Acetone	3.936	43	16084	29.568	ug/l	95
22) Diisopropyl ether	6.118	45	50421	7.688	ug/l #	93
31) Cyclohexane	7.777	56	8039	2.097	ug/l #	59
42) 1,2-Dichloroethane	8.234	62	6728	2.325	ug/l	92

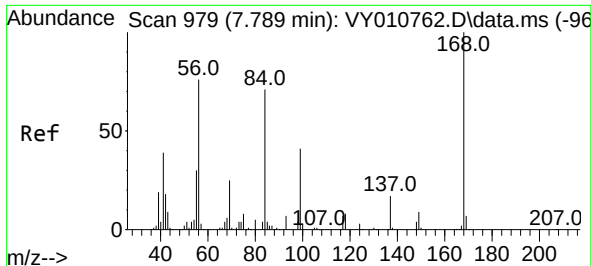
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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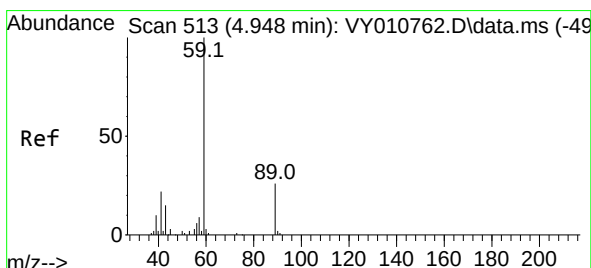
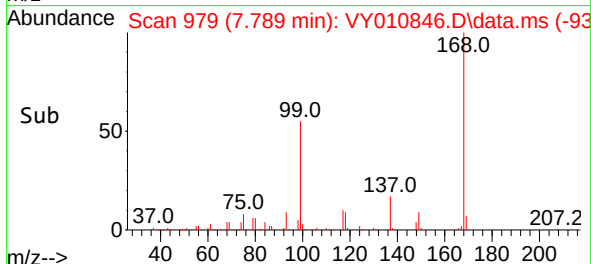
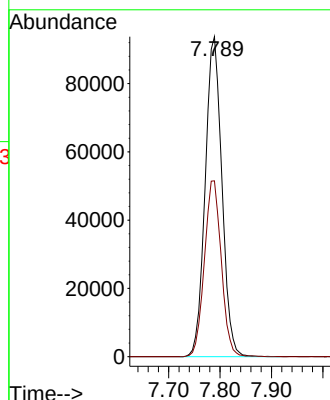
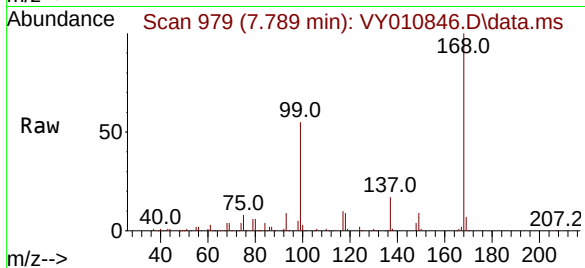




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

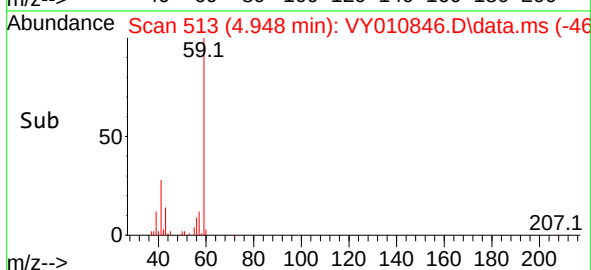
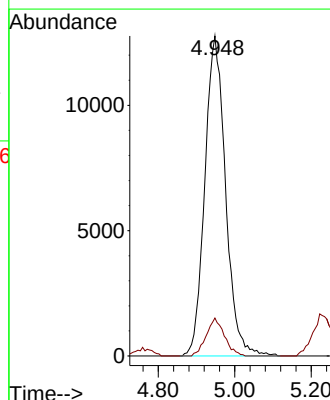
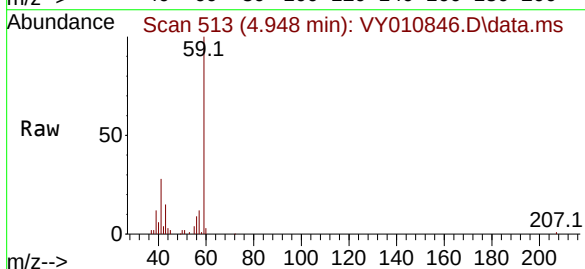
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18

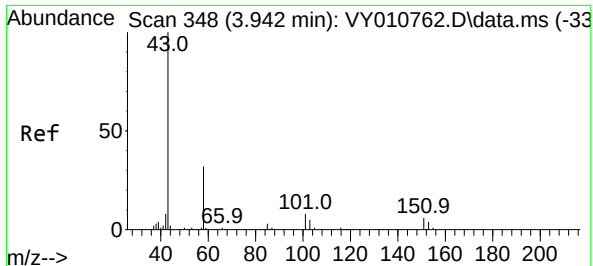
Tgt Ion:168 Resp: 211301
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 258.760 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

Tgt Ion: 59 Resp: 48158
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6#

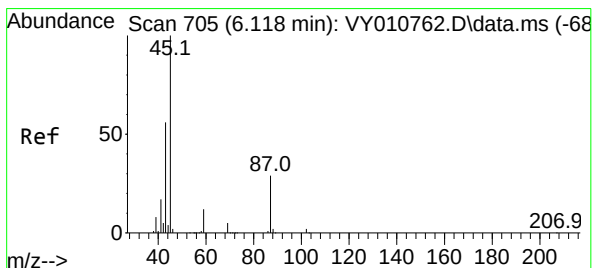
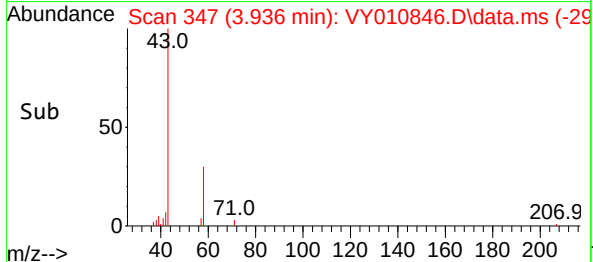
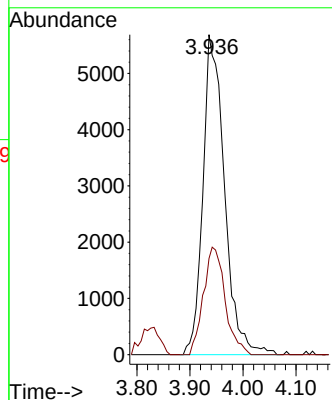
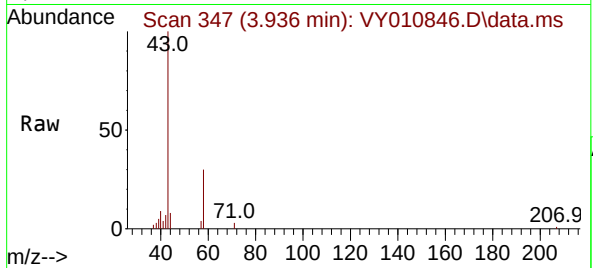




#16
Acetone
Concen: 29.568 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

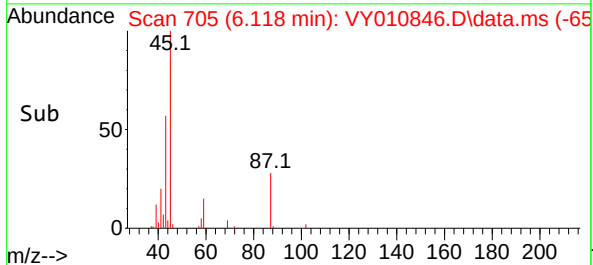
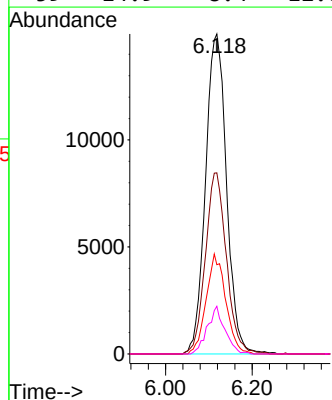
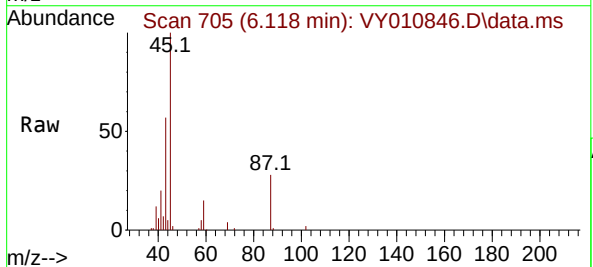
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18

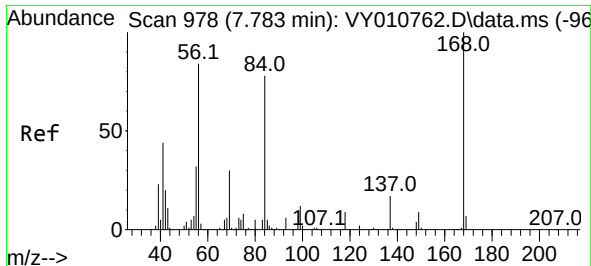
Tgt Ion: 43 Resp: 16084
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0



#22
Diisopropyl ether
Concen: 7.688 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

Tgt Ion: 45 Resp: 50421
Ion Ratio Lower Upper
45 100
43 56.6 49.3 73.9
87 27.9 19.2 28.8
59 14.9 8.4 12.6

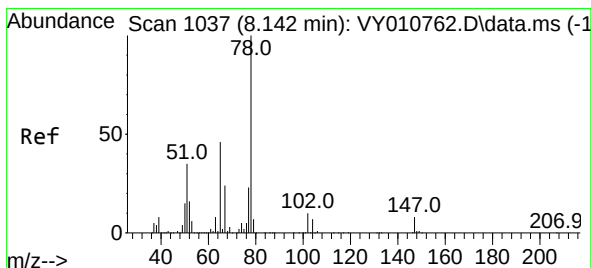
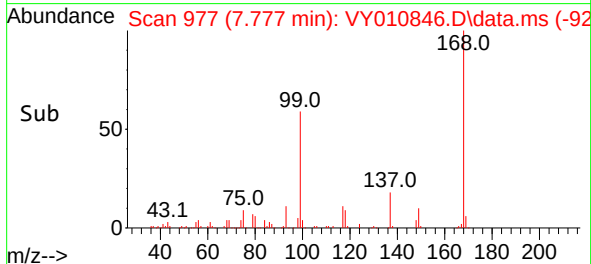
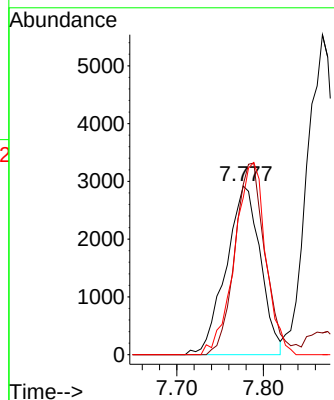
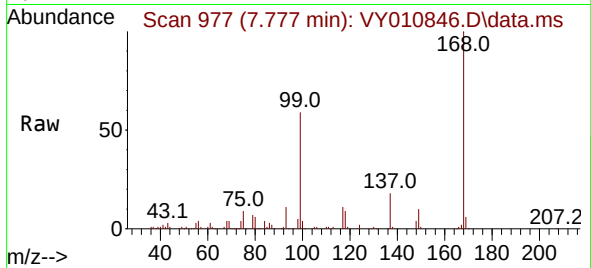




#31
Cyclohexane
Concen: 2.097 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

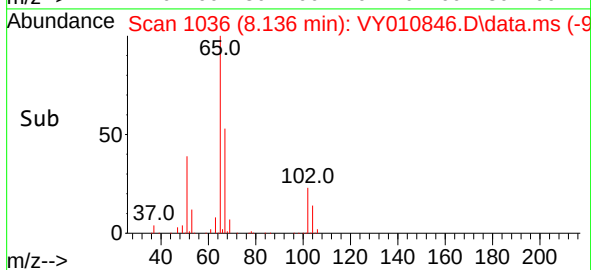
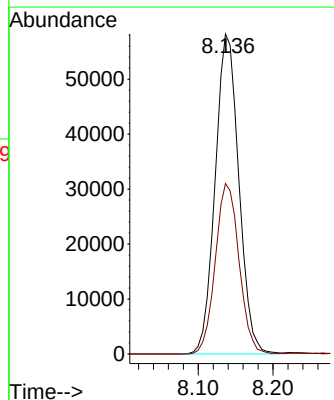
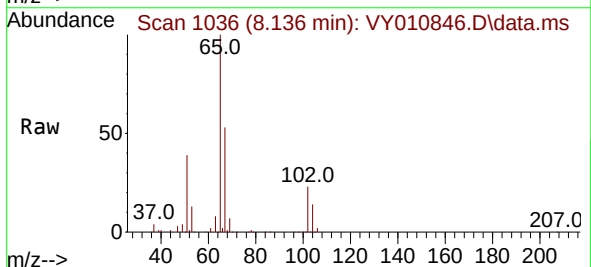
Instrument :
MSVOA_Y
ClientSampleId :
D22019-18

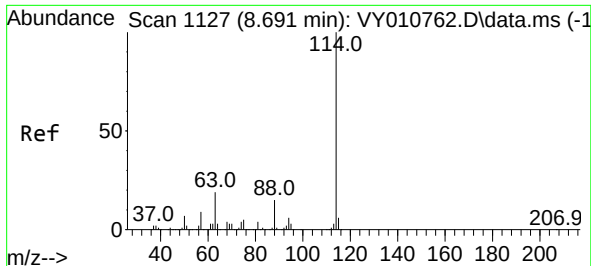
Tgt Ion: 56 Resp: 8039
Ion Ratio Lower Upper
56 100
69 100.9 26.7 40.1#
84 93.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 59.874 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

Tgt Ion: 65 Resp: 128238
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010846.D

Acq: 06 Oct 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

D22019-18

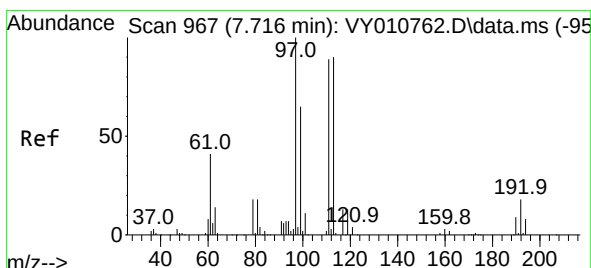
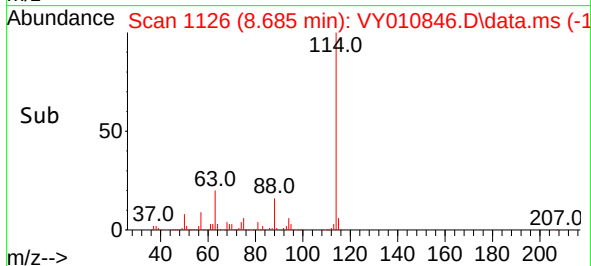
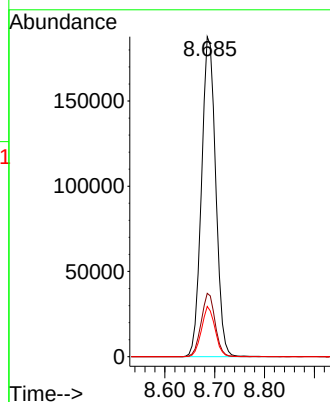
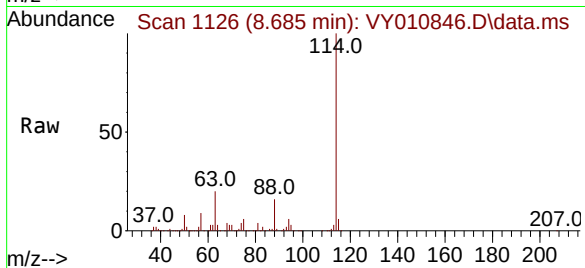
Tgt Ion:114 Resp: 370730

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.178 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010846.D

Acq: 06 Oct 2022 15:45

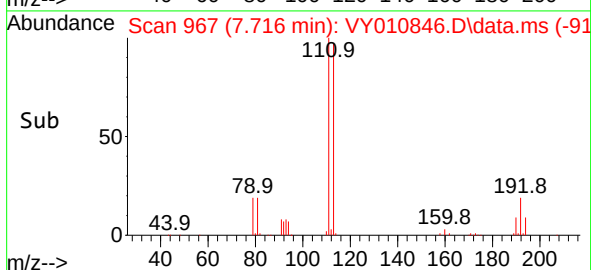
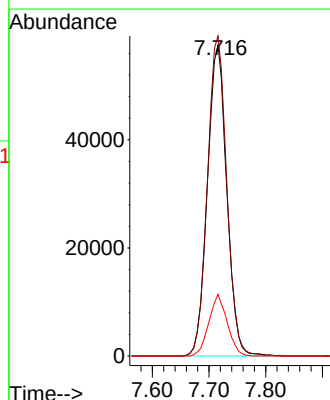
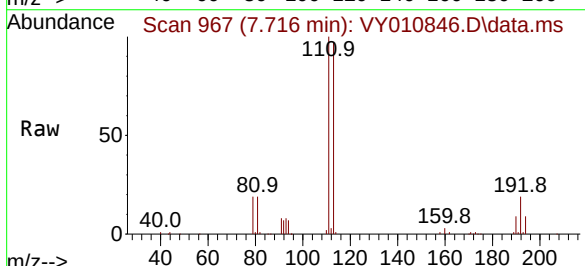
Tgt Ion:113 Resp: 135788

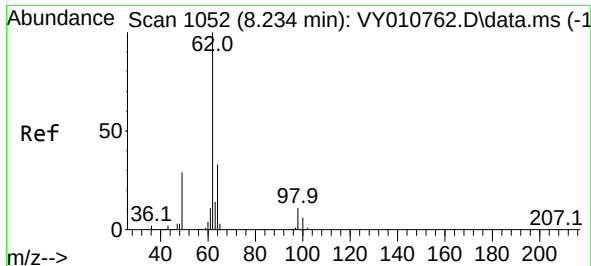
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.8 17.6 26.4





#42

1,2-Dichloroethane

Concen: 2.325 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY010846.D

Acq: 06 Oct 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

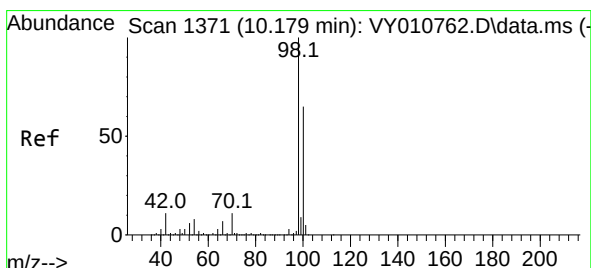
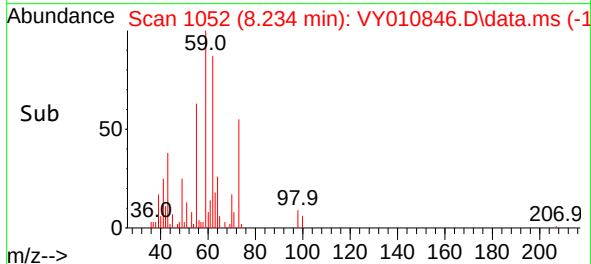
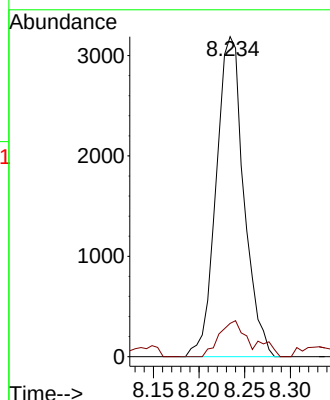
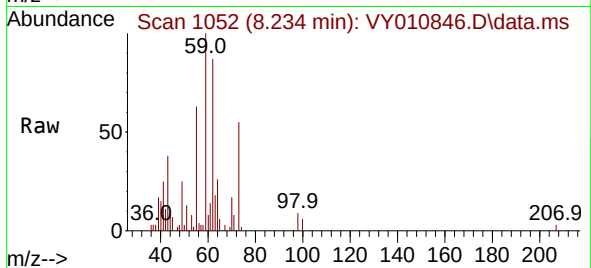
D22019-18

Tgt Ion: 62 Resp: 6728

Ion Ratio Lower Upper

62 100

98 10.2 0.0 14.8



#50

Toluene-d8

Concen: 45.317 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010846.D

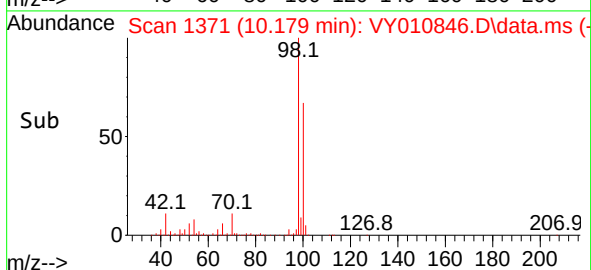
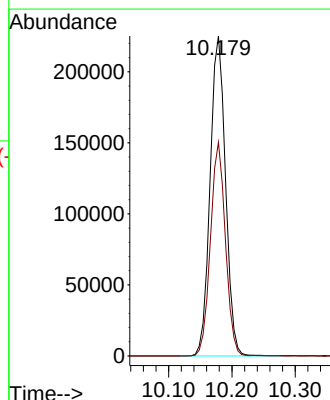
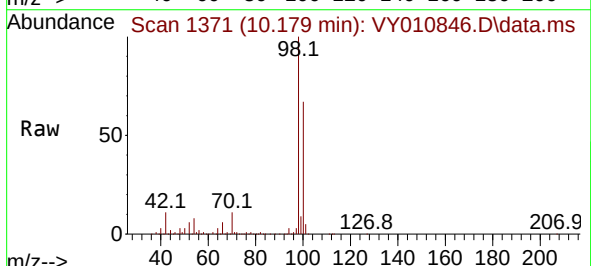
Acq: 06 Oct 2022 15:45

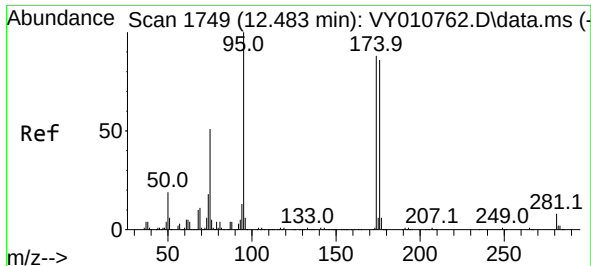
Tgt Ion: 98 Resp: 381393

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

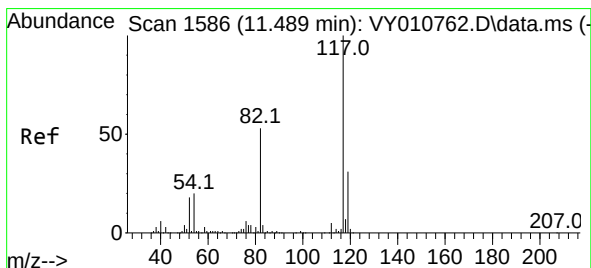
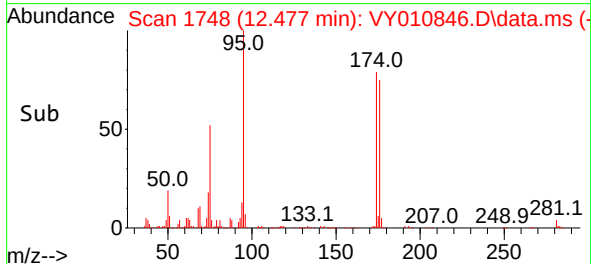
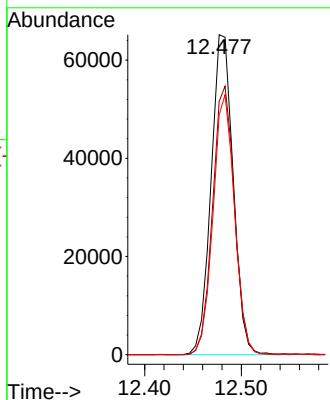
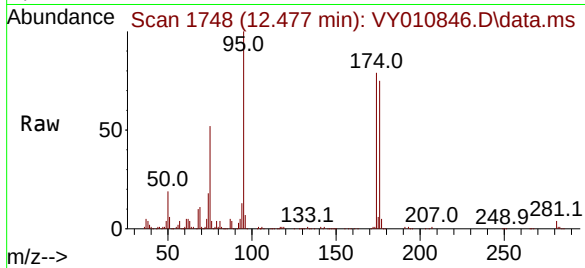




#62
4-Bromofluorobenzene
Concen: 29.981 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

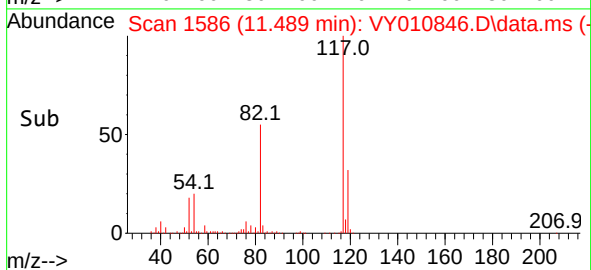
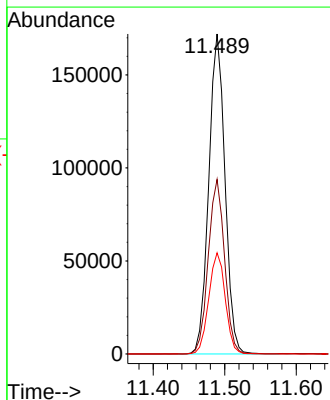
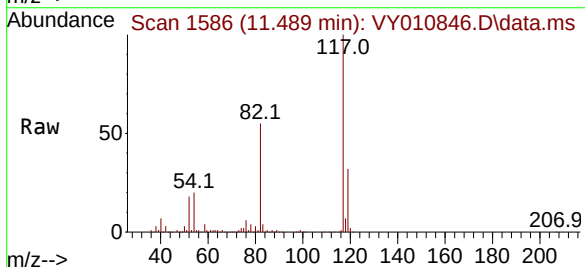
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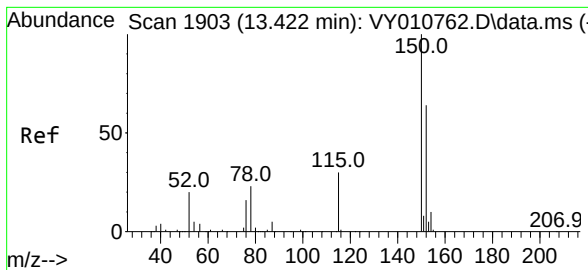
Tgt Ion: 95 Resp: 103421
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010846.D
Acq: 06 Oct 2022 15:45

Tgt Ion: 117 Resp: 270876
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010846.D
 Acq: 06 Oct 2022 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22019-18

Tgt Ion:152 Resp: 79106
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 154.3 0.0 347.6

