

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008670.D
 Acq On : 10 May 2022 10:58
 Operator : KP/MD
 Sample : VY0510SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Quant Time: May 10 15:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

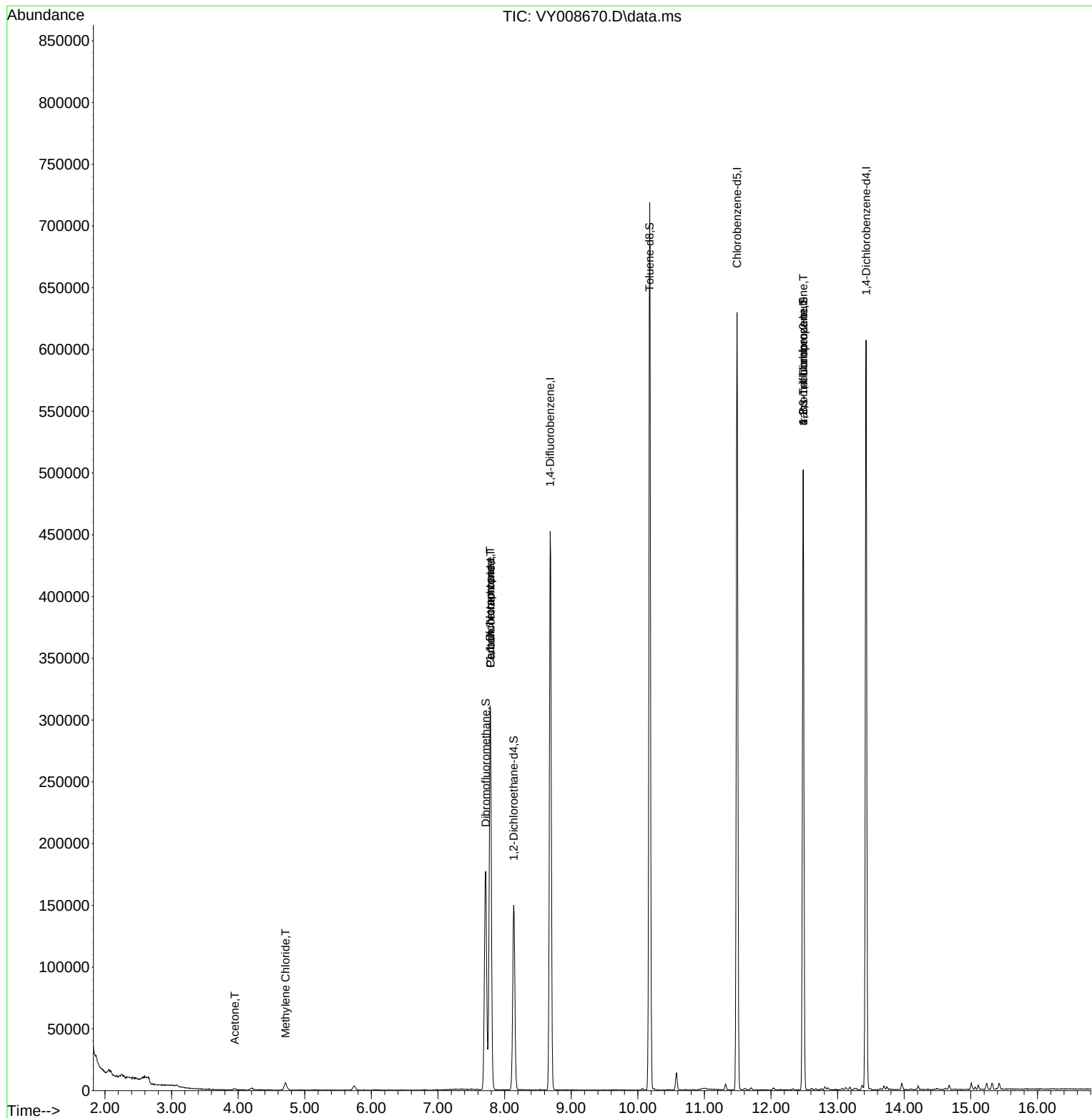
Internal Standards						
1) Pentafluorobenzene	7.789	168	263418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	427827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113379	50.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.460%
35) Dibromofluoromethane	7.716	113	128848	48.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	489333	52.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.483	95	151952	45.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.920%
Target Compounds						
11) Tert butyl alcohol	4.948	59	405	Below Cal	#	77
16) Acetone	3.948	43	2191	4.114	ug/l #	61
18) Methyl Acetate	4.454	43	159	Below Cal	#	56
20) Methylene Chloride	4.710	84	4646	1.437	ug/l #	80
36) 1,1-Dichloropropene	7.783	75	17779	4.197	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24462	5.710	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	73118	38.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73118	76.395	ug/l #	7

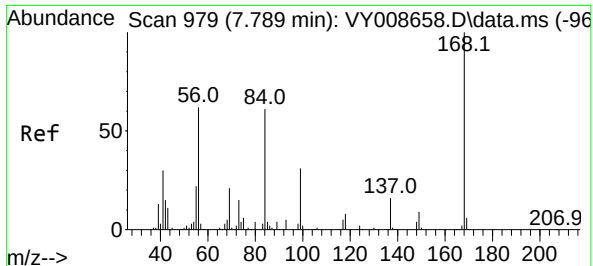
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
Data File : VY008670.D
Acq On : 10 May 2022 10:58
Operator : KP/MD
Sample : VY0510SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

Quant Time: May 10 15:56:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

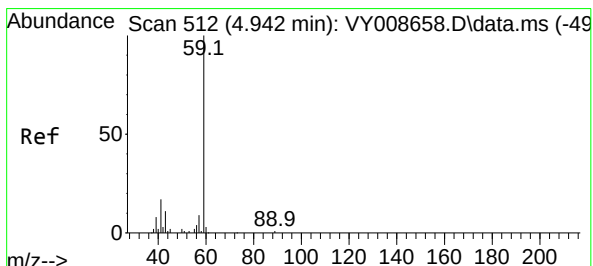
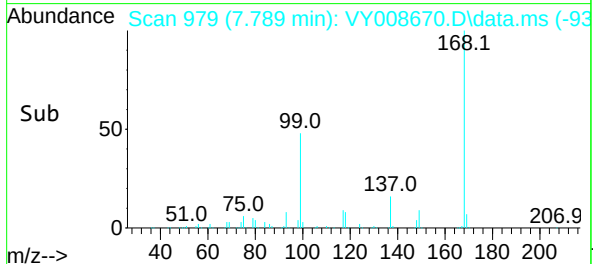
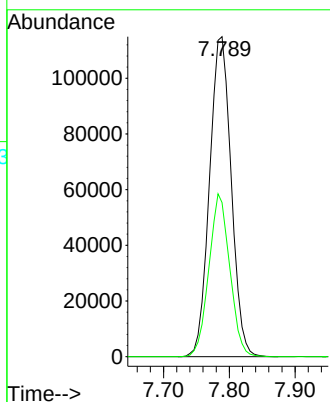
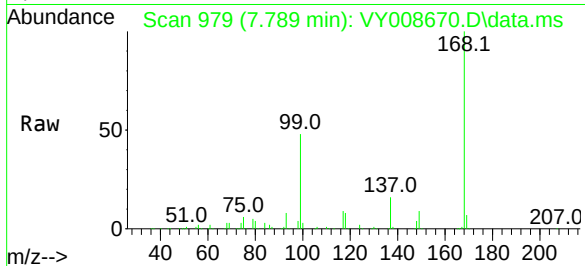




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

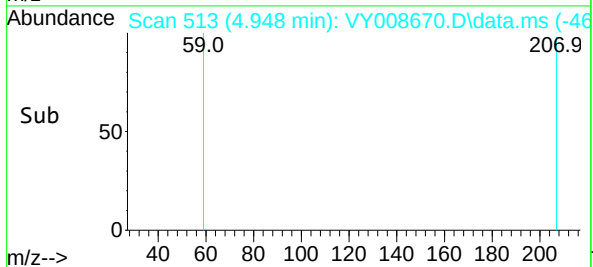
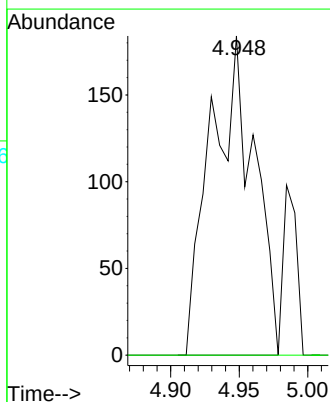
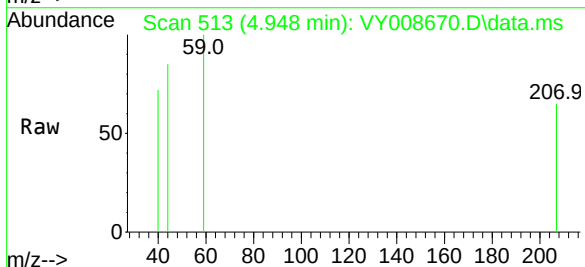
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

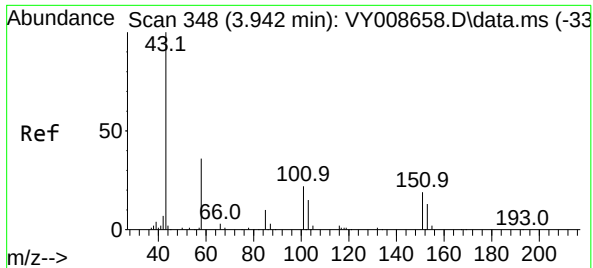
Tgt Ion:168 Resp: 263418
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

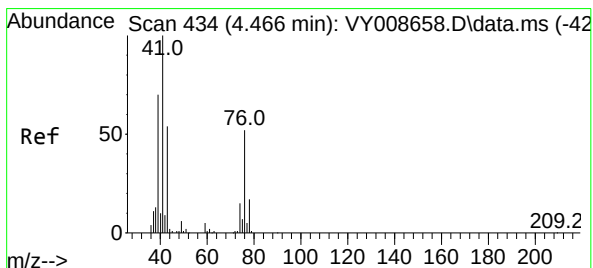
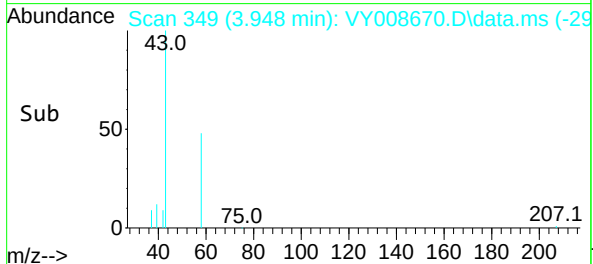
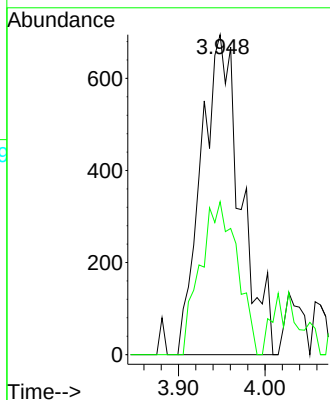
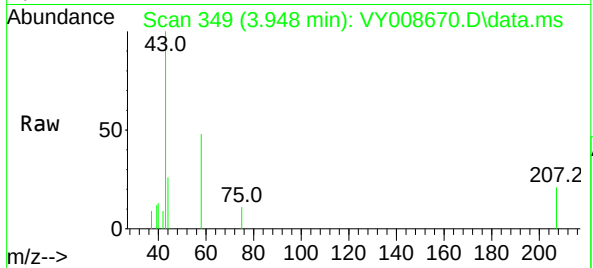




#16
Acetone
Concen: 4.114 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

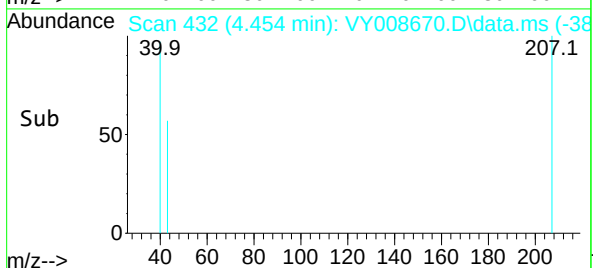
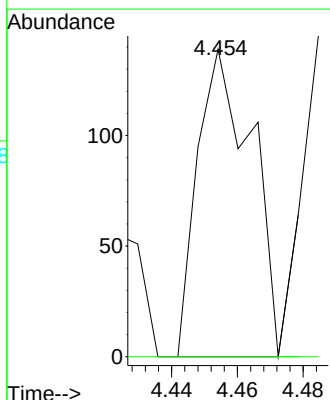
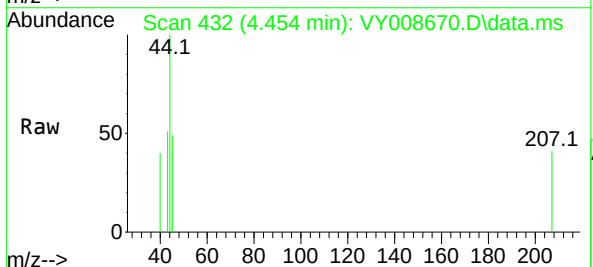
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

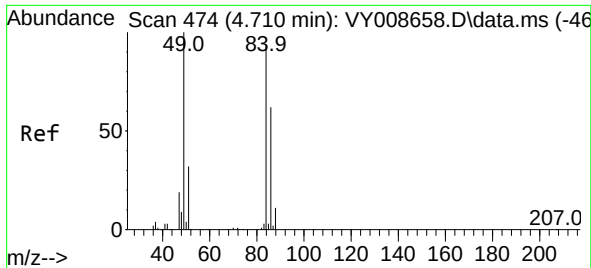
Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
58 47.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

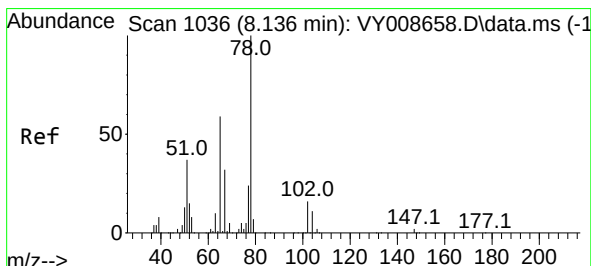
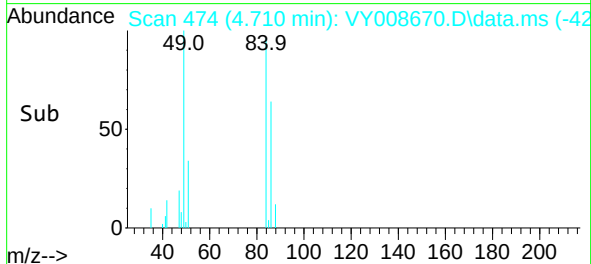
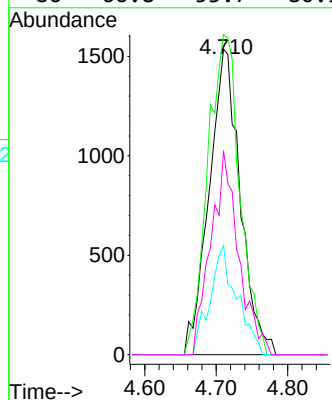
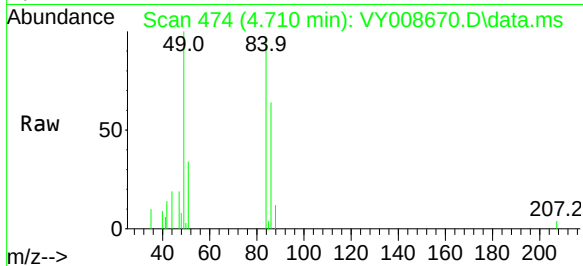




#20
Methylene Chloride
Concen: 1.437 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

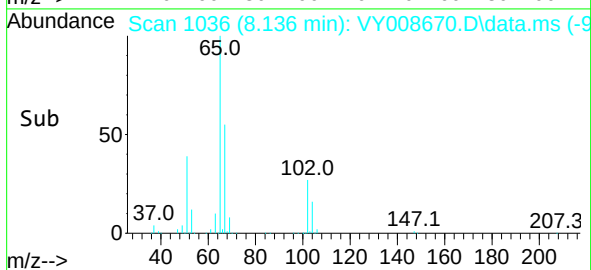
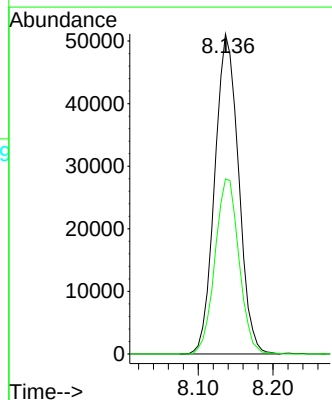
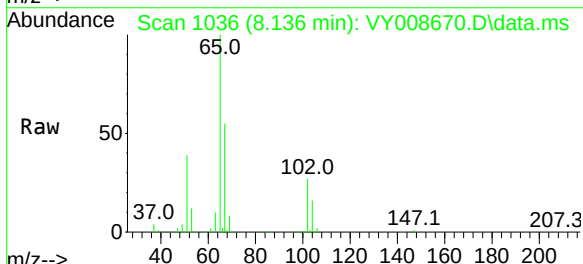
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

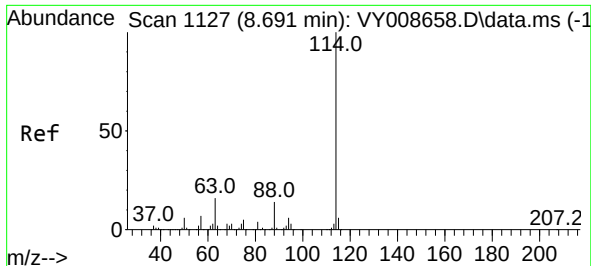
Tgt Ion: 84 Resp: 4646
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 35.8 35.3 52.9
86 66.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 50.232 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 65 Resp: 113379
Ion Ratio Lower Upper
65 100
67 55.1 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: VY008670.D

Acq: 10 May 2022 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBL01

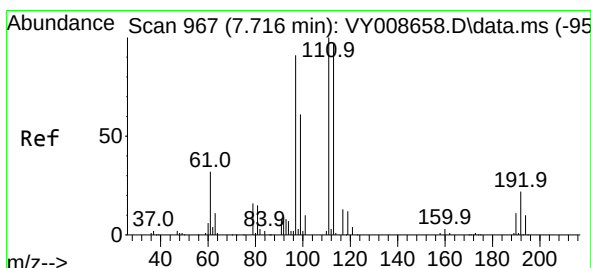
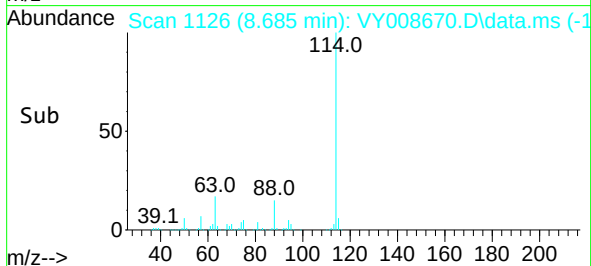
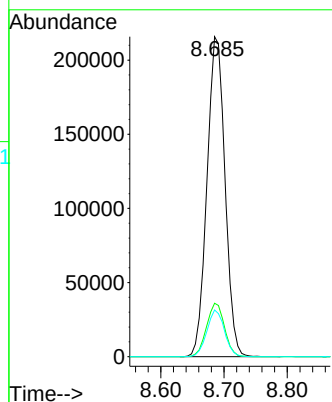
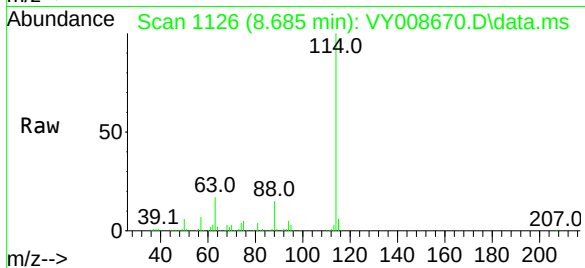
Tgt Ion:114 Resp: 427827

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.872 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008670.D

Acq: 10 May 2022 10:58

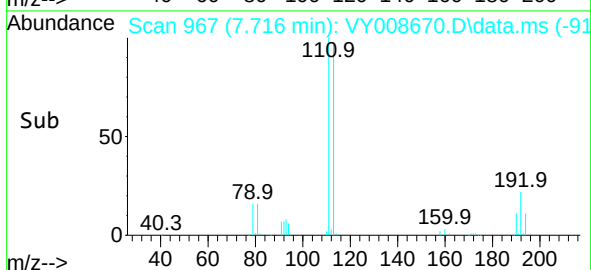
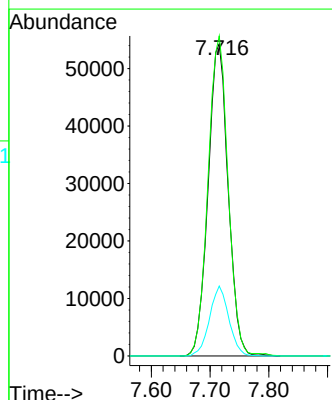
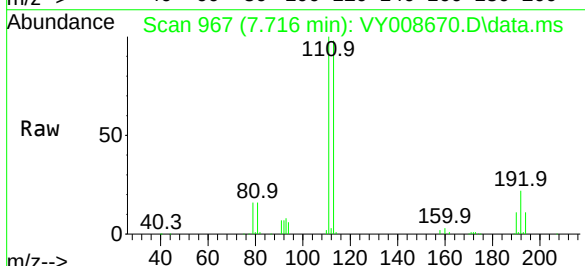
Tgt Ion:113 Resp: 128848

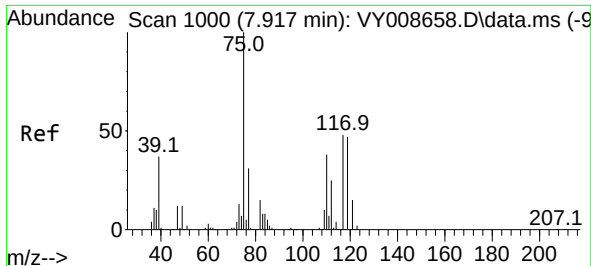
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.6 17.6 26.4

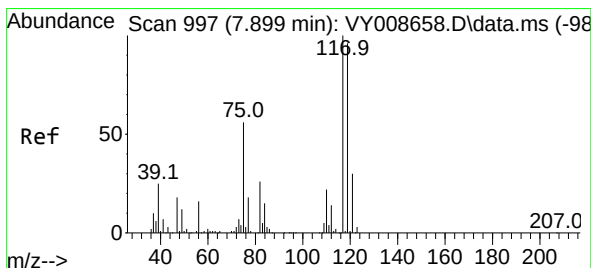
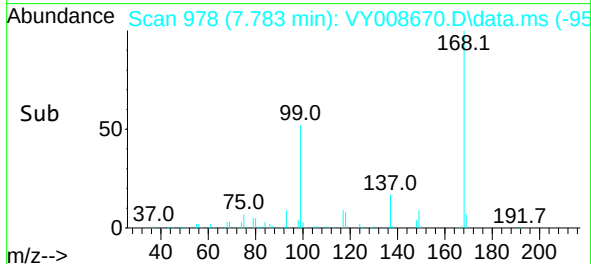
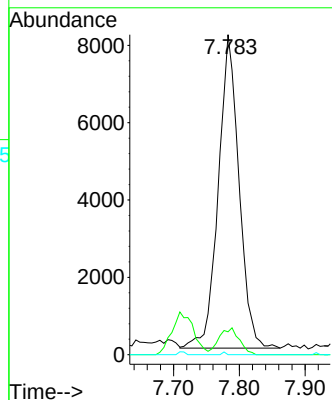
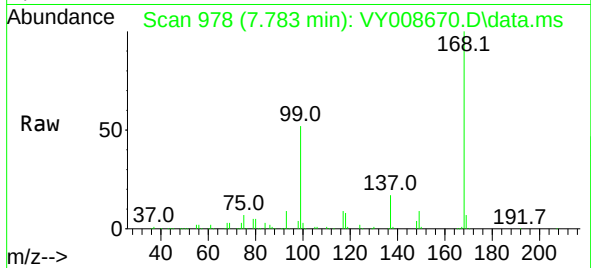




#36
1,1-Dichloropropene
Concen: 4.197 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

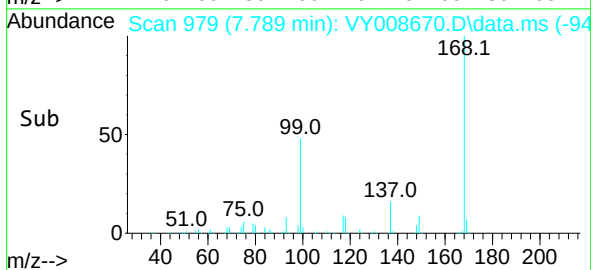
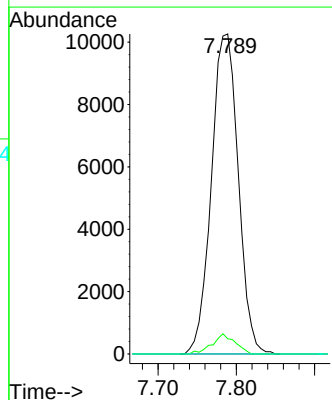
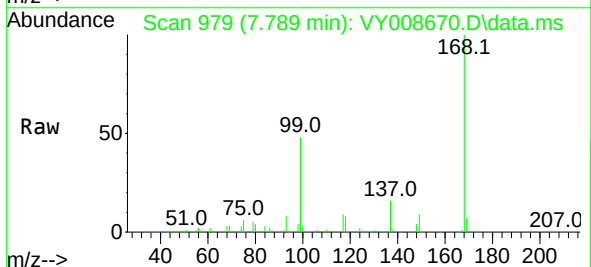
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

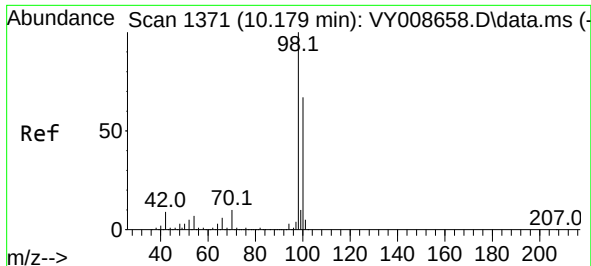
Tgt Ion: 75 Resp: 17779
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.710 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 117 Resp: 24462
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

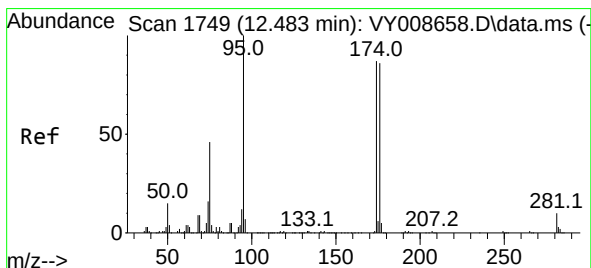
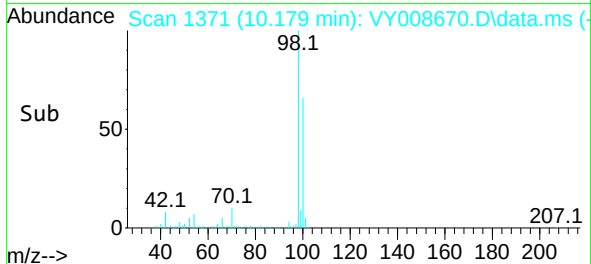
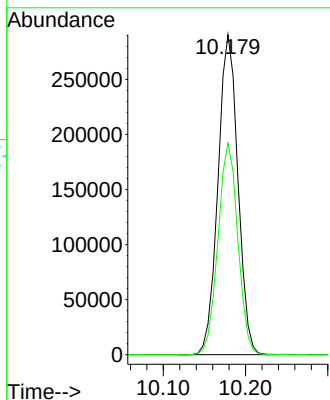
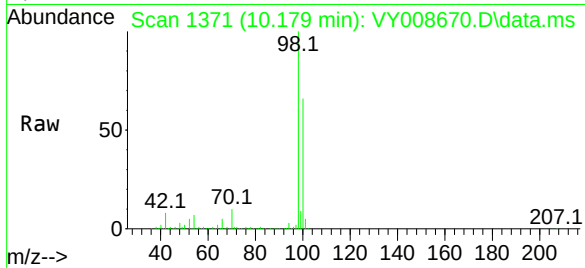




#50
Toluene-d8
Concen: 52.669 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

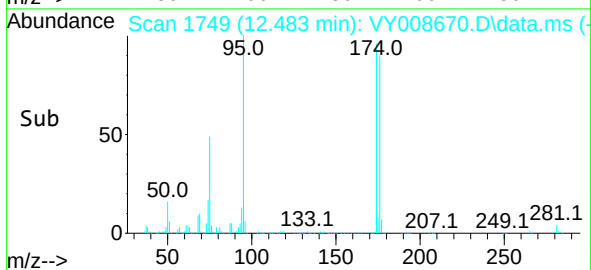
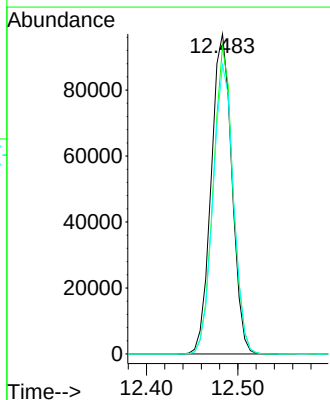
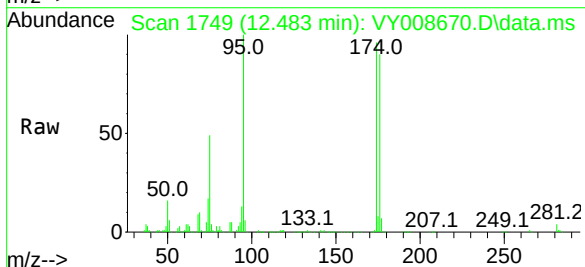
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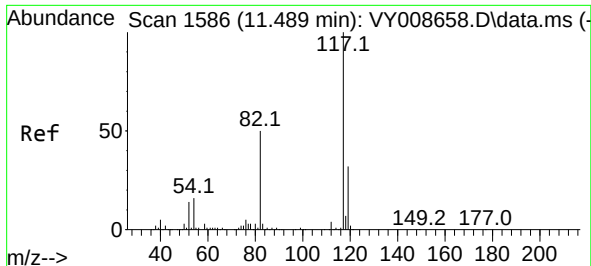
Tgt Ion: 98 Resp: 489333
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 95 Resp: 151952
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 89.6 0.0 175.8

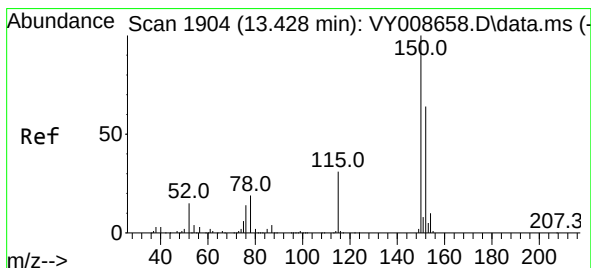
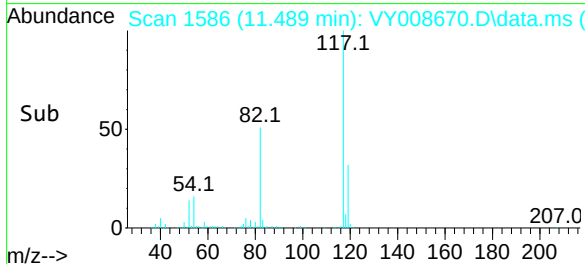
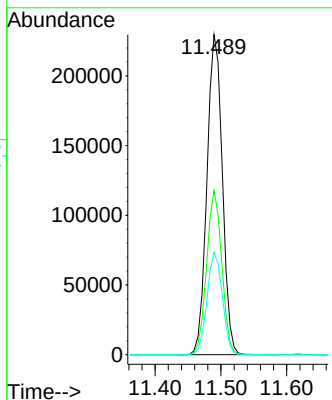
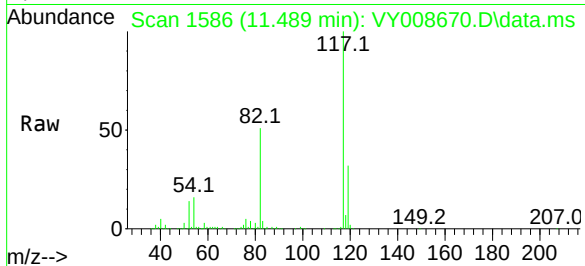




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

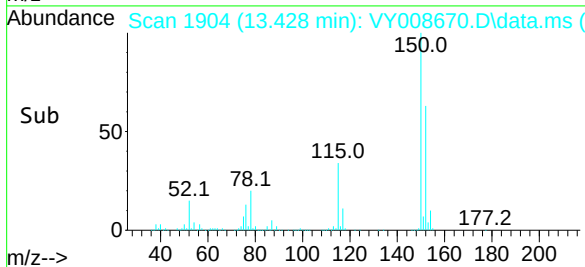
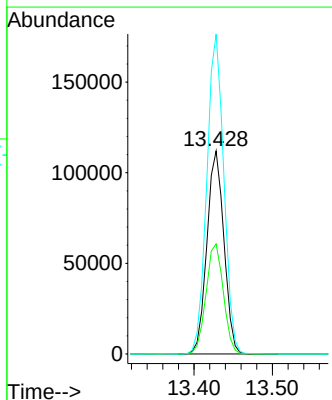
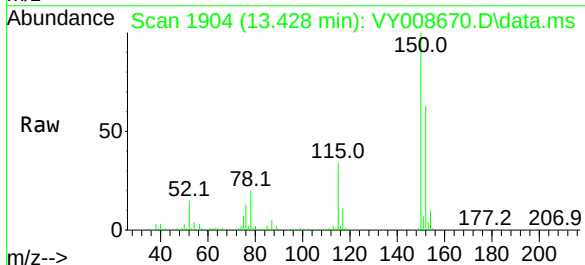
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

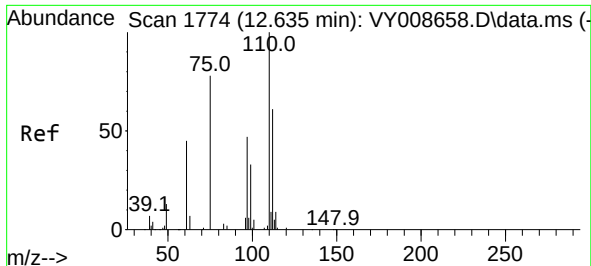
Tgt Ion:117 Resp: 373806
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion:152 Resp: 168922
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.2 0.0 347.6

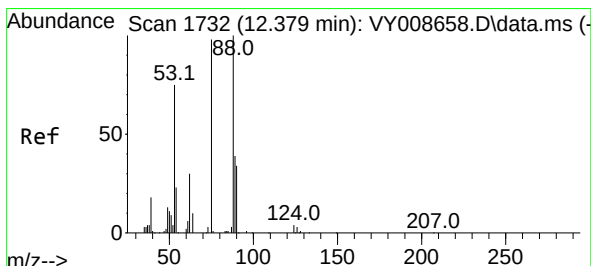
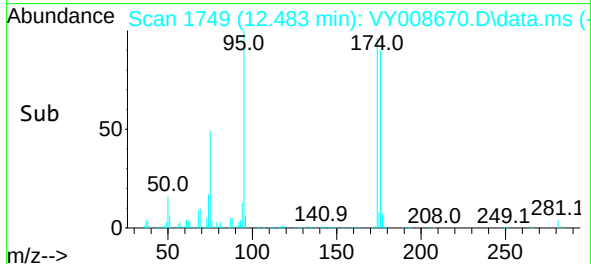
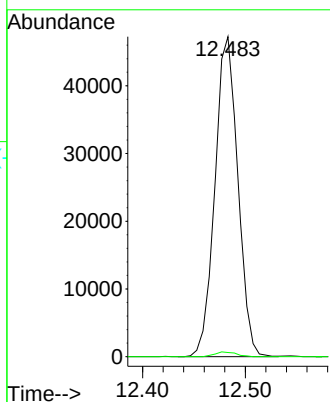
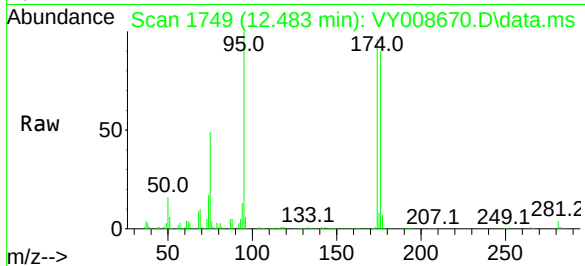




#76
1,2,3-Trichloropropane
Concen: 38.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

Tgt Ion: 75 Resp: 73118
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008670.D
Acq: 10 May 2022 10:58

Tgt Ion: 75 Resp: 73118
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

