

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009385.D
 Acq On : 29 Jun 2022 20:10
 Operator : KP/MD
 Sample : N3488-05
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-6-8-20220623

Quant Time: Jun 30 05:14:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

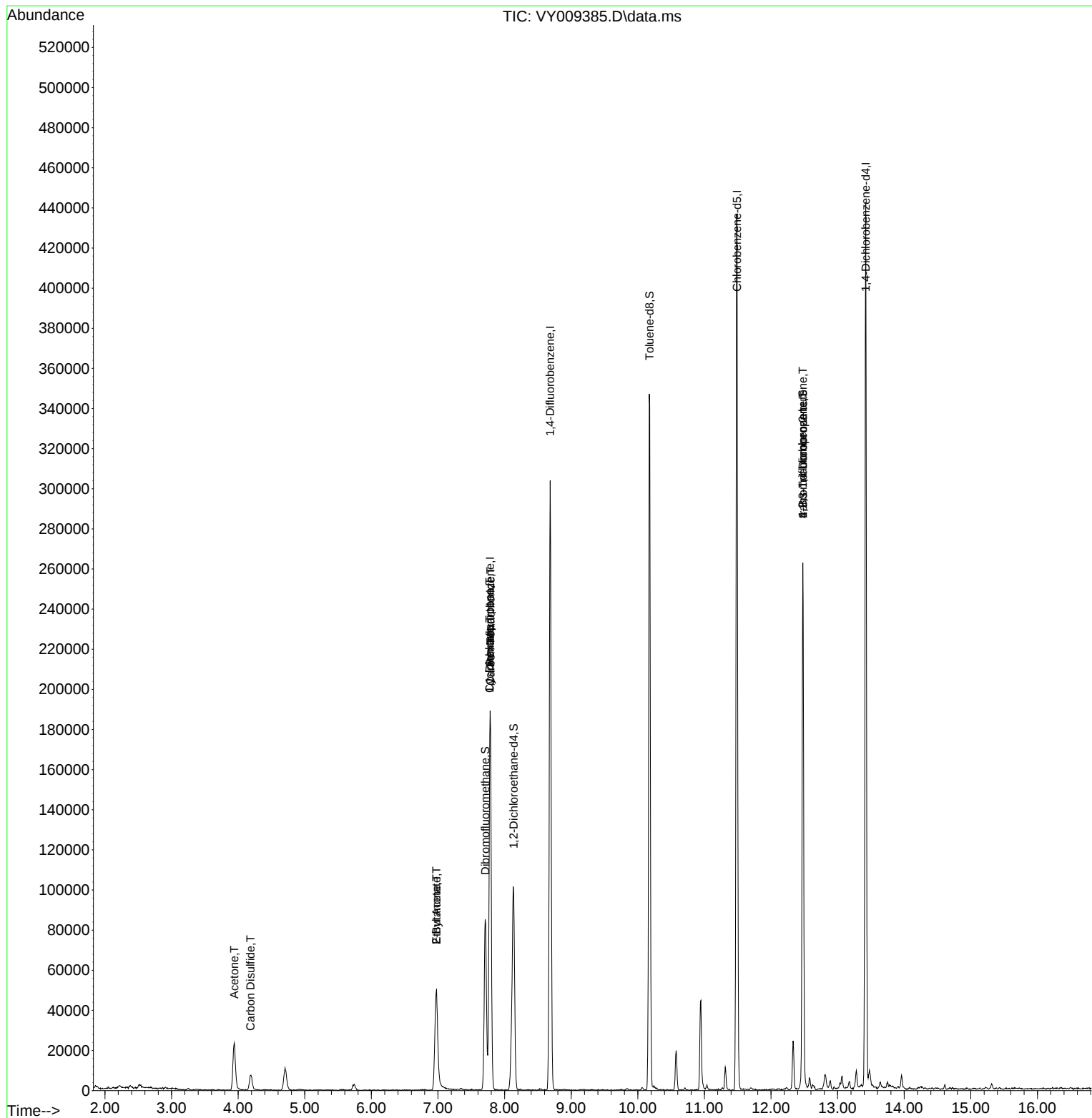
Internal Standards						
1) Pentafluorobenzene	7.783	168	147987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66268	55.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.710	113	58505	42.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.540%
50) Toluene-d8	10.179	98	222612	52.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.477	95	71127	35.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	512	Below Cal	#	77
16) Acetone	3.942	43	41323	106.153	ug/l	97
17) Carbon Disulfide	4.186	76	9954	2.690	ug/l #	94
18) Methyl Acetate	4.479	43	181	Below Cal	#	56
20) Methylene Chloride	4.710	84	7703	Below Cal		88
25) 2-Butanone	6.978	43	12892	20.889	ug/l	99
31) Cyclohexane	7.777	56	3381	1.268	ug/l #	22
36) 1,1-Dichloropropene	7.777	75	11286	4.663	ug/l #	50
37) Ethyl Acetate	6.978	43	12892	8.982	ug/l #	78
38) Carbon Tetrachloride	7.789	117	14475	5.722	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	38939	30.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38939	68.377	ug/l #	7

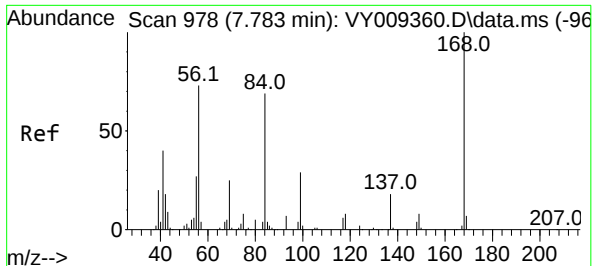
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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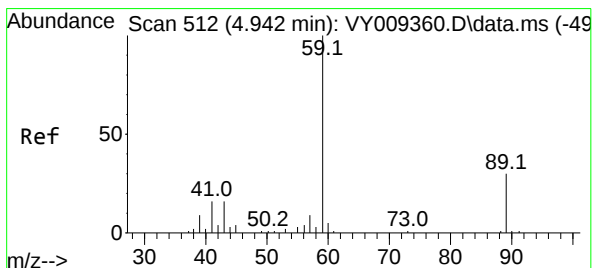
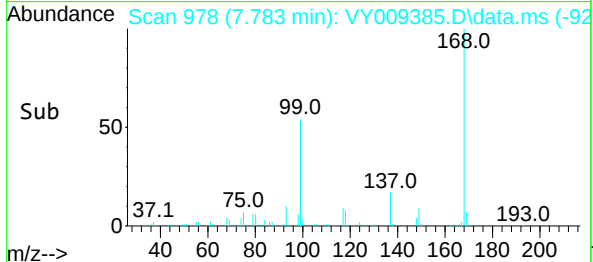
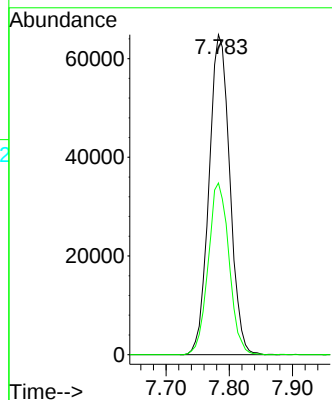
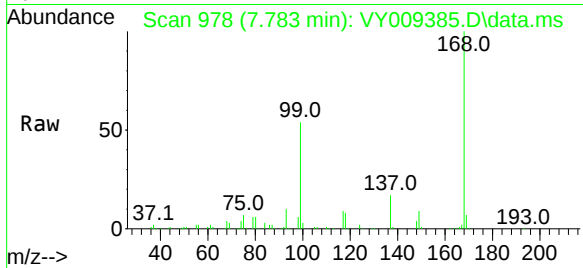




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

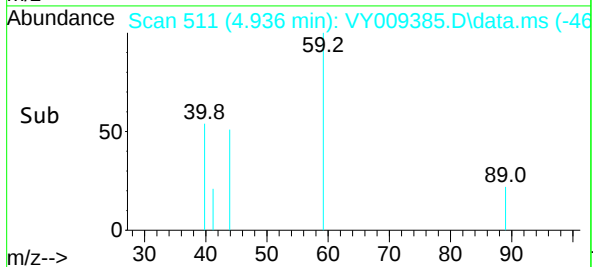
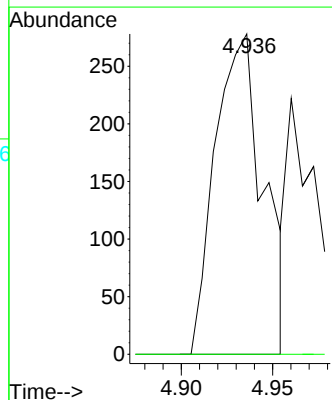
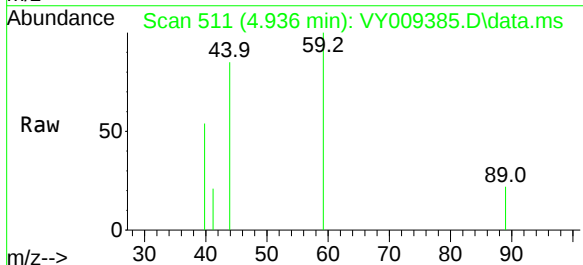
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

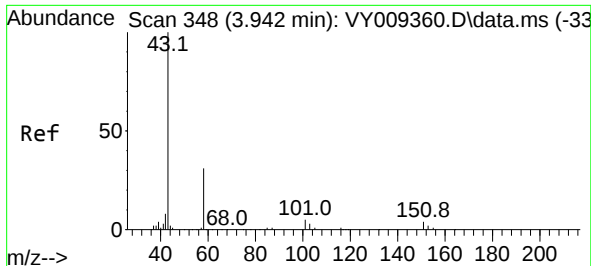
Tgt Ion:168 Resp: 147987
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 59 Resp: 512
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 106.153 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

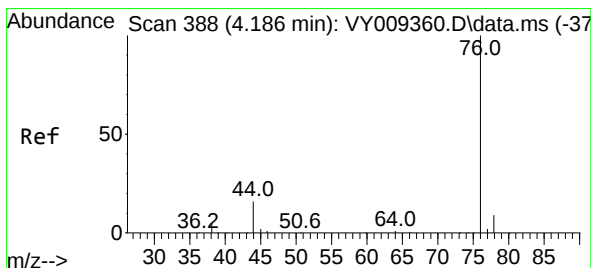
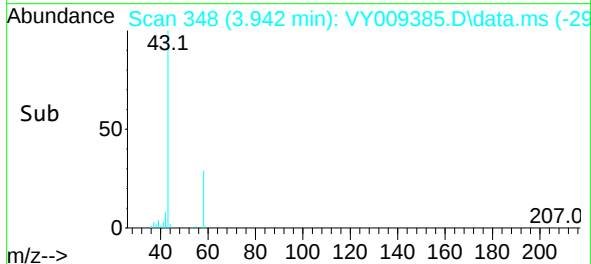
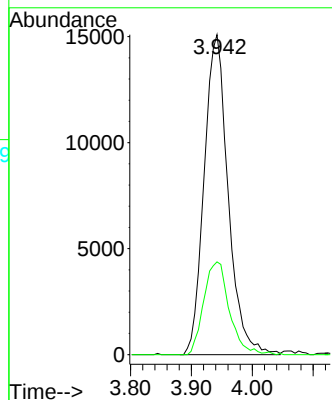
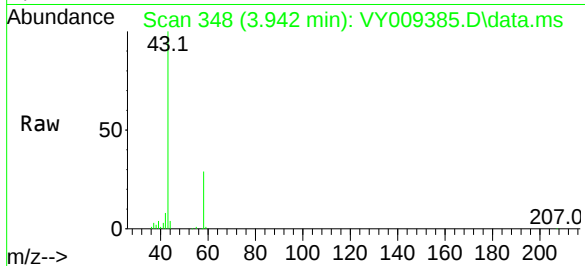
SB-10-6-8-20220623

Tgt Ion: 43 Resp: 41323

Ion Ratio Lower Upper

43 100

58 29.0 22.0 33.0



#17

Carbon Disulfide

Concen: 2.690 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY009385.D

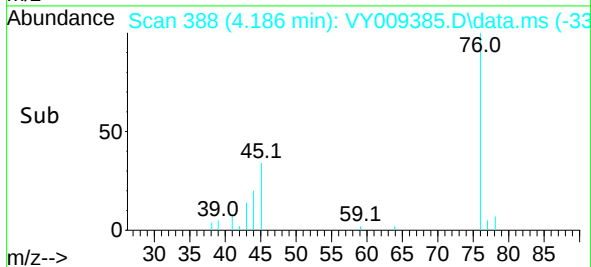
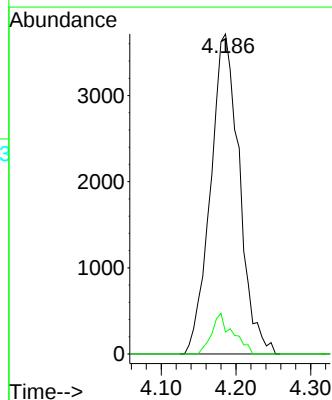
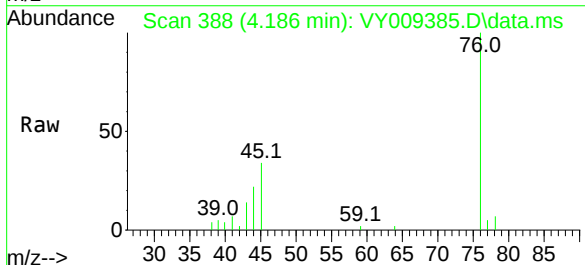
Acq: 29 Jun 2022 20:10

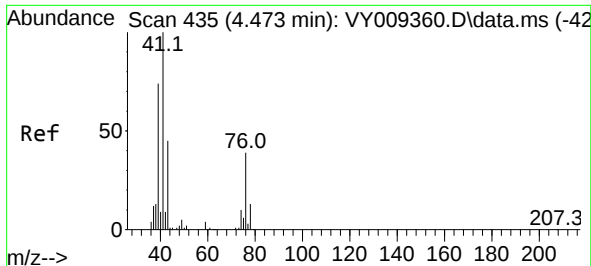
Tgt Ion: 76 Resp: 9954

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.0#

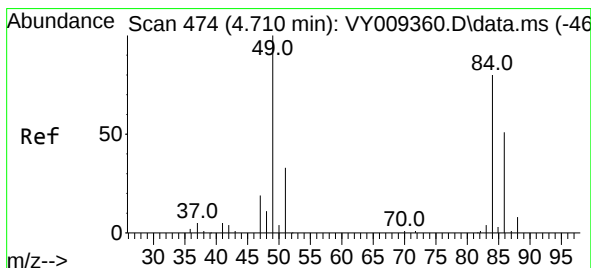
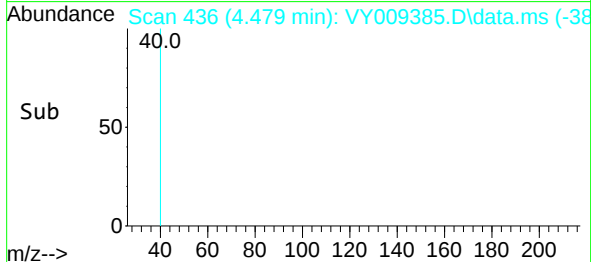
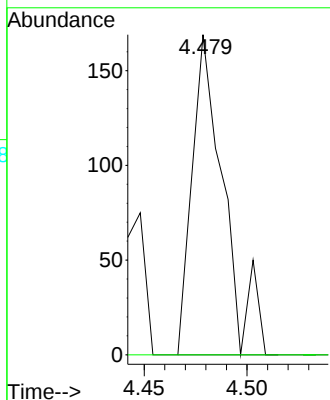
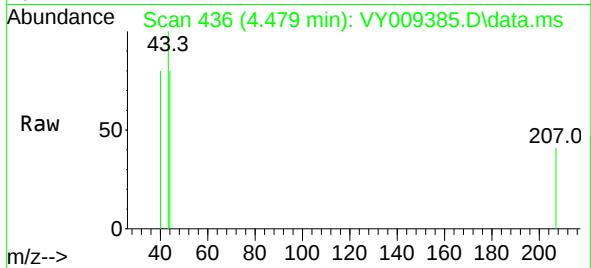




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

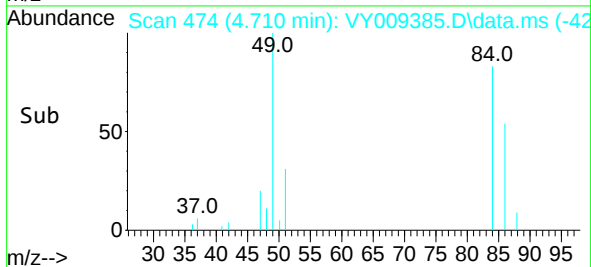
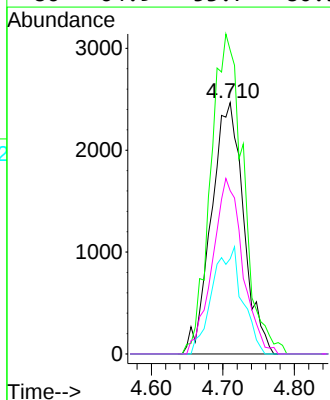
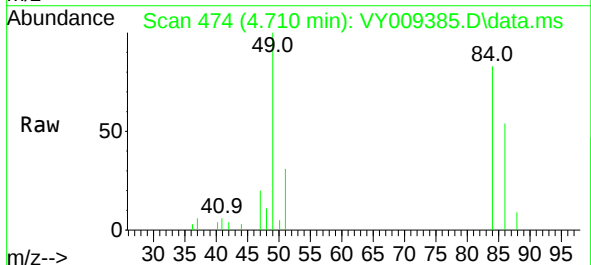
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

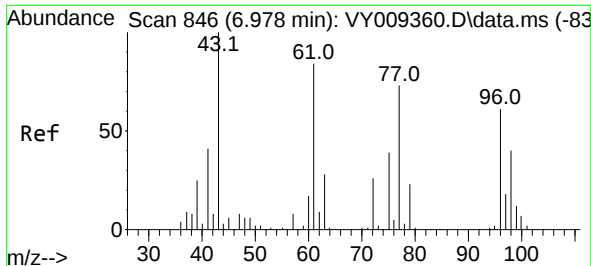
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 84 Resp: 7703
Ion Ratio Lower Upper
84 100
49 120.8 114.4 171.6
51 37.9 35.3 52.9
86 64.9 53.7 80.5

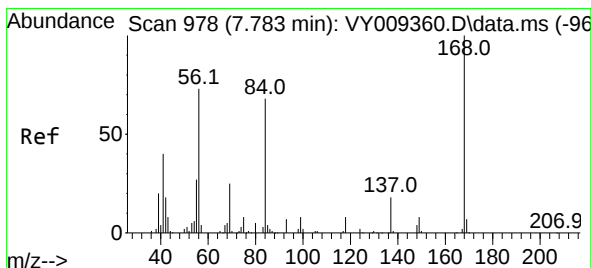
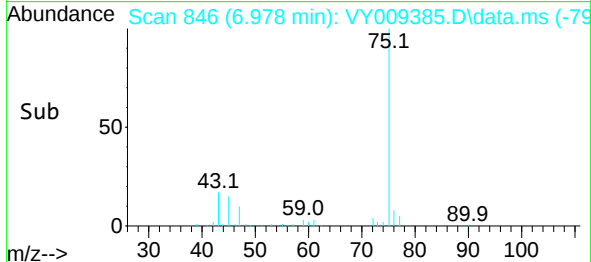
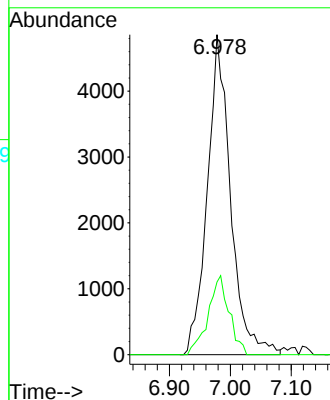
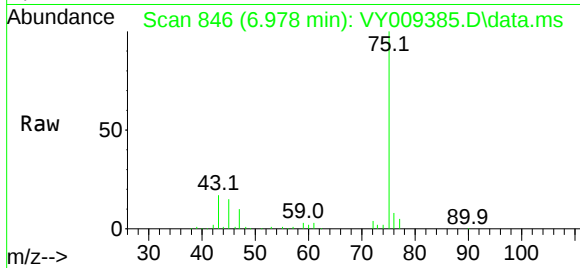




#25
2-Butanone
Concen: 20.889 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

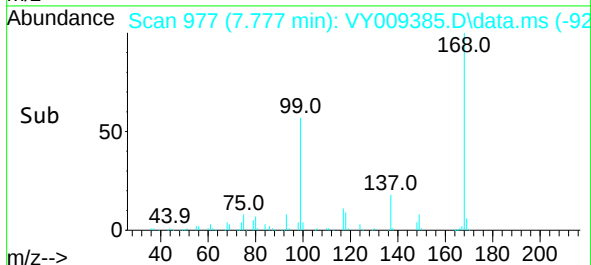
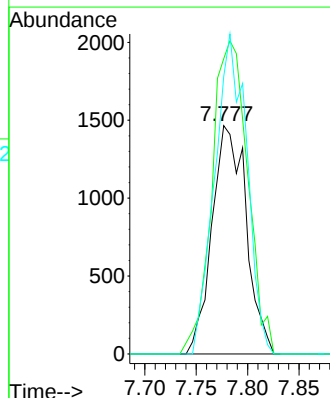
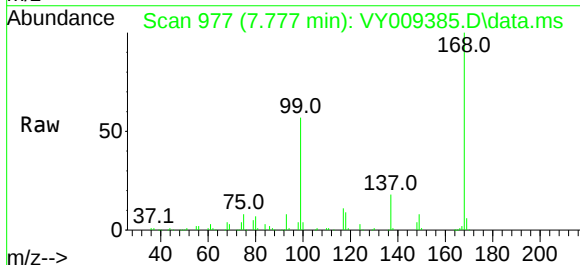
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

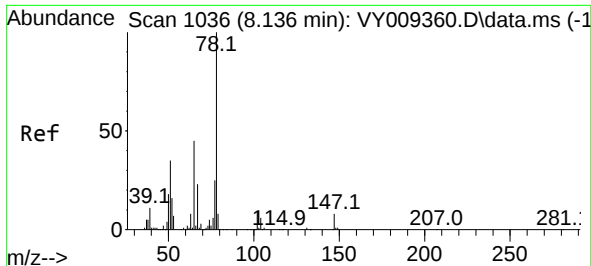
Tgt Ion: 43 Resp: 12892
Ion Ratio Lower Upper
43 100
72 22.7 17.7 26.5



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 129.4 26.7 40.1#
84 121.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.907 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

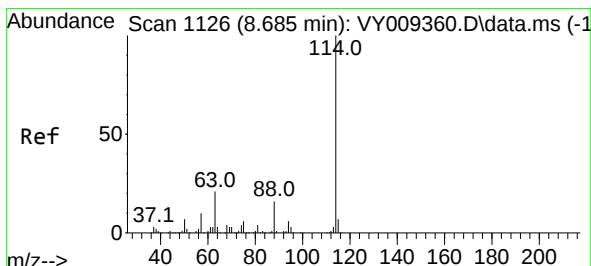
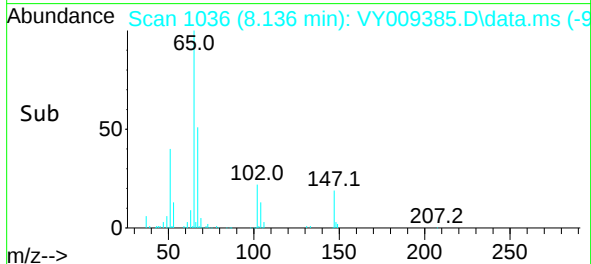
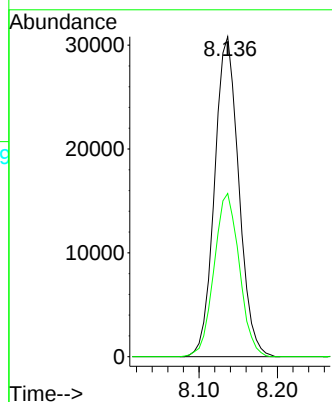
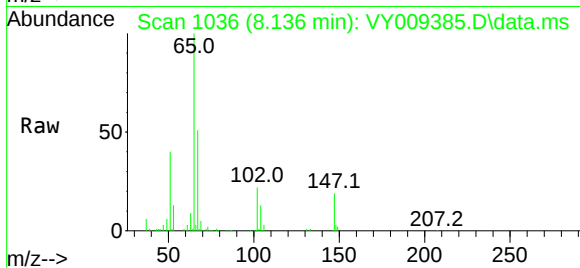
SB-10-6-8-20220623

Tgt Ion: 65 Resp: 66268

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

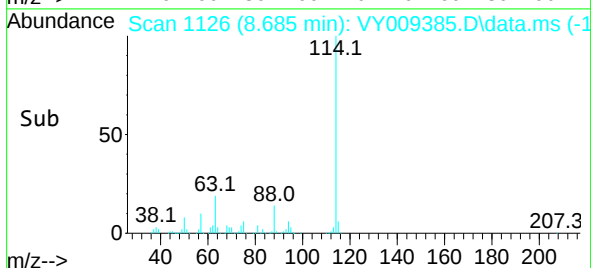
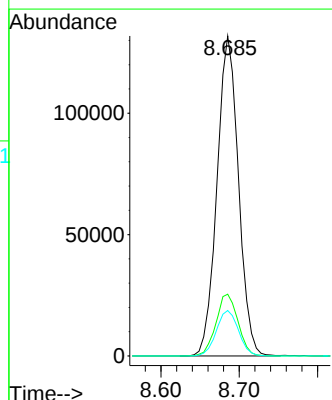
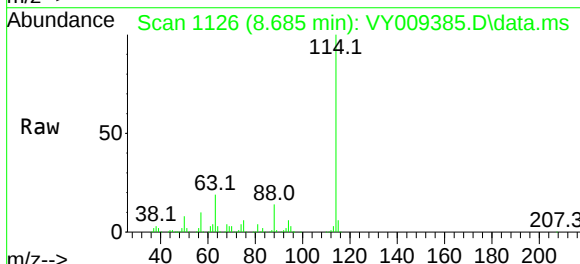
Tgt Ion: 114 Resp: 251501

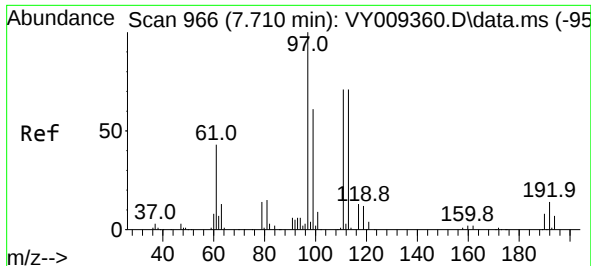
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.266 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009385.D

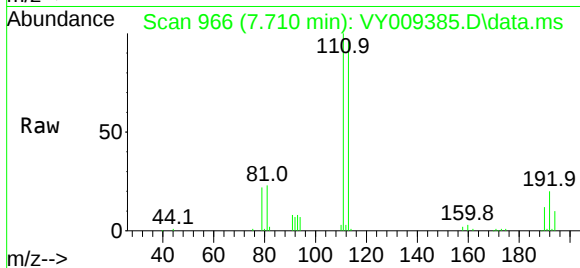
Acq: 29 Jun 2022 20:10

Instrument :

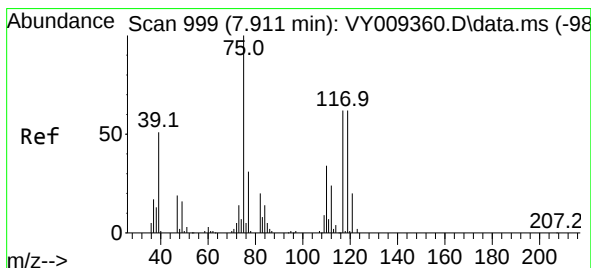
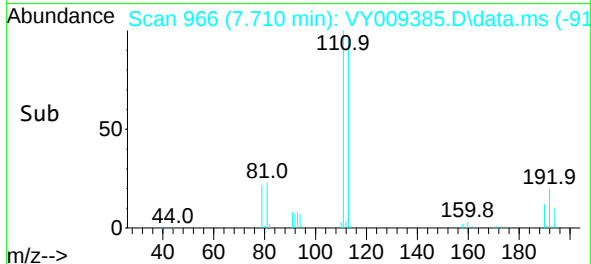
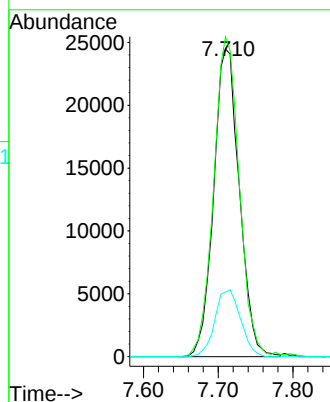
MSVOA_Y

ClientSampleId :

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Tgt Ion:	113	Resp:	58505
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	21.8	17.6	26.4



#36

1,1-Dichloropropene

Concen: 4.663 ug/l

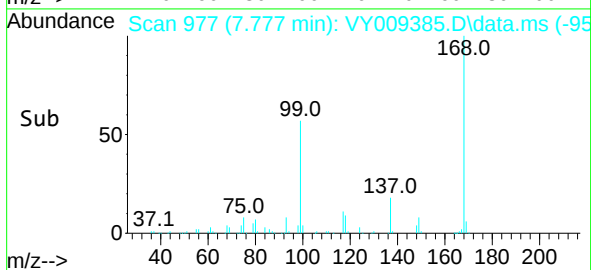
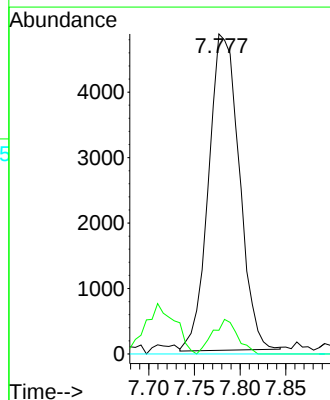
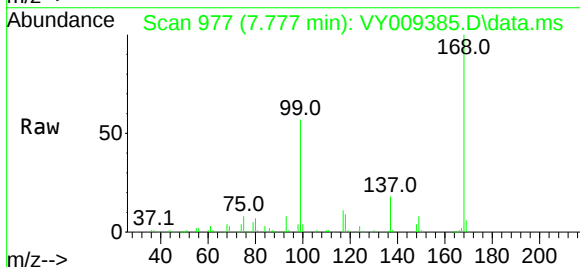
RT: 7.777 min Scan# 977

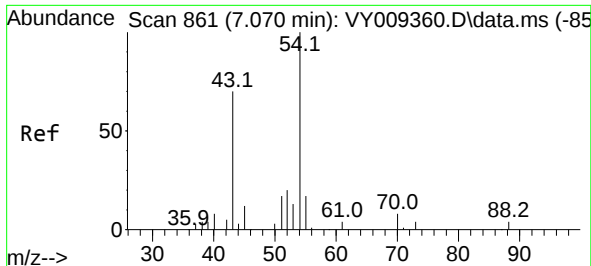
Delta R.T. -0.134 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

Tgt Ion:	75	Resp:	11286
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 8.982 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-6-8-20220623

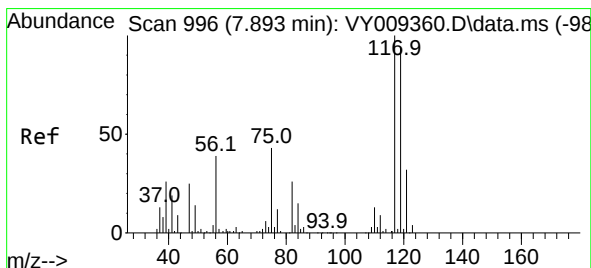
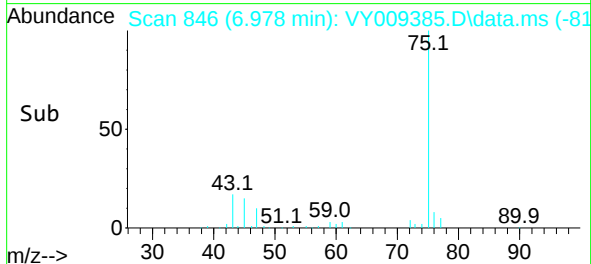
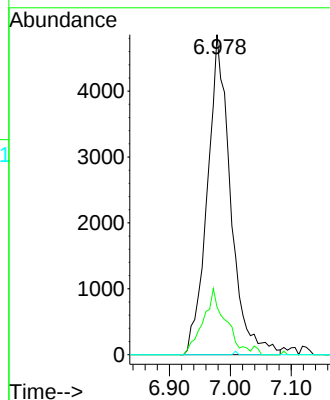
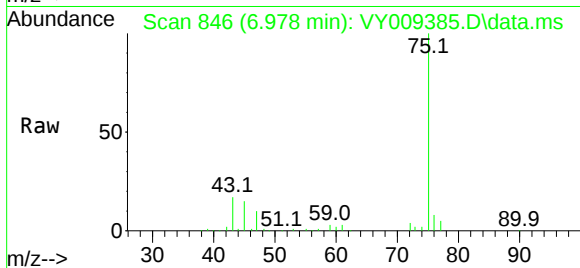
Tgt Ion: 43 Resp: 12892

Ion Ratio Lower Upper

43 100

61 19.9 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.722 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY009385.D

Acq: 29 Jun 2022 20:10

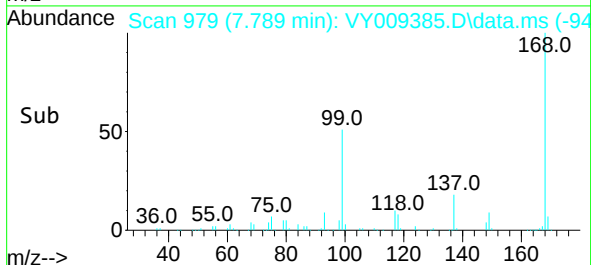
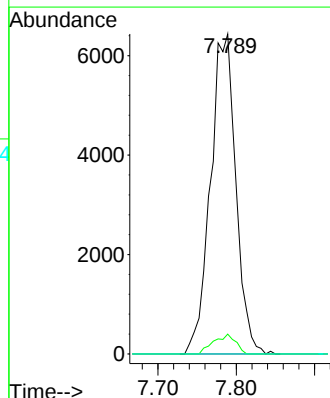
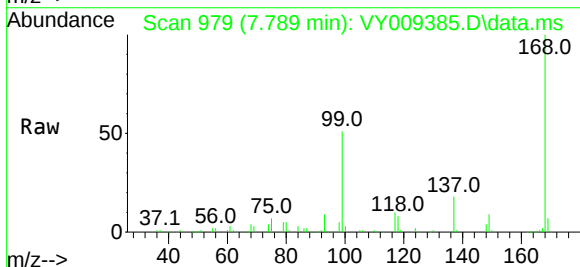
Tgt Ion: 117 Resp: 14475

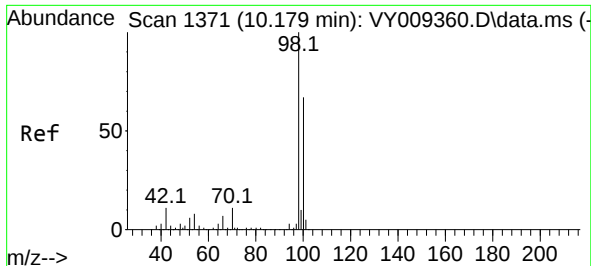
Ion Ratio Lower Upper

117 100

119 6.2 77.9 116.9#

121 0.0 24.8 37.2#

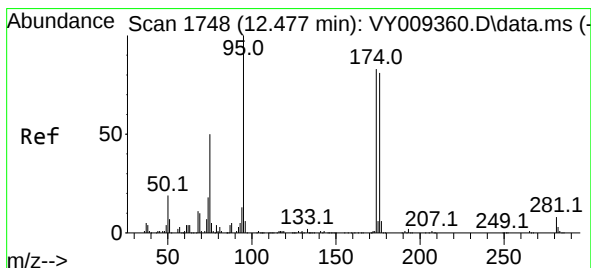
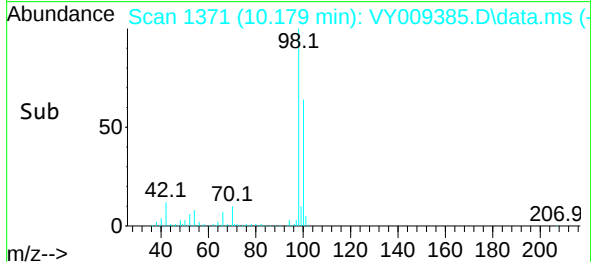
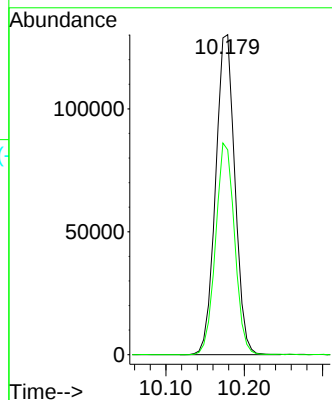
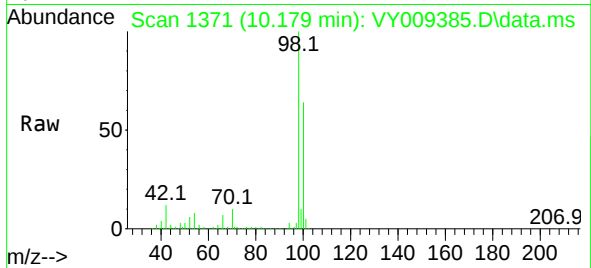




#50
Toluene-d8
Concen: 52.454 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

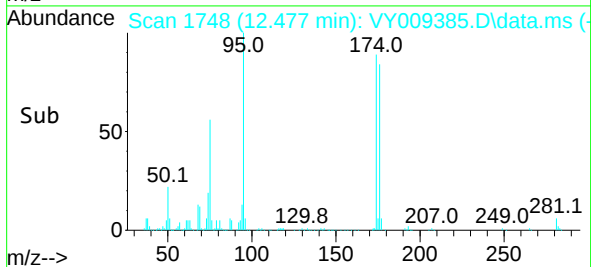
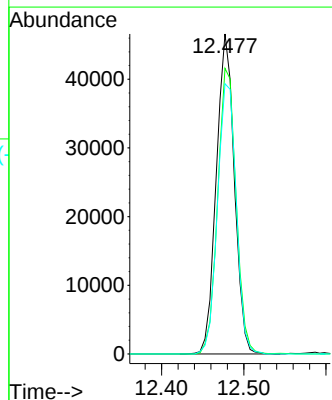
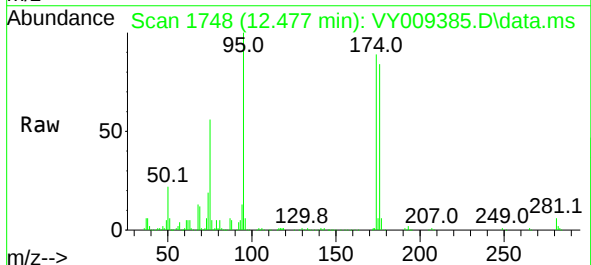
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

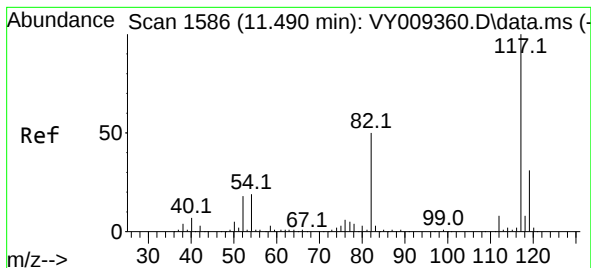
Tgt Ion: 98 Resp: 222612
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.338 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 95 Resp: 71127
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.6 0.0 175.8

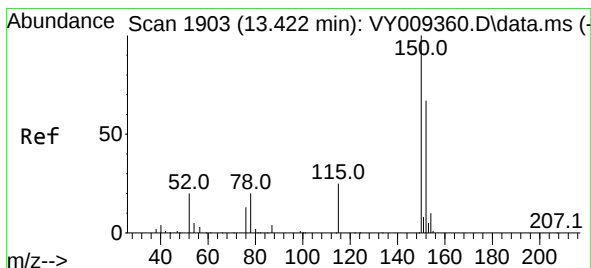
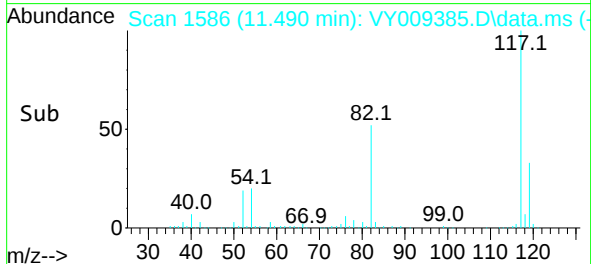
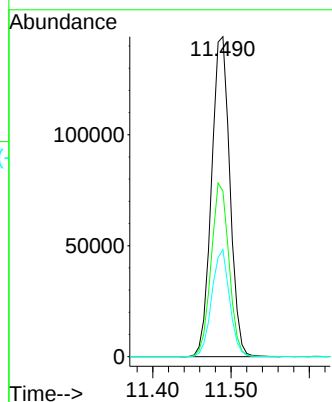
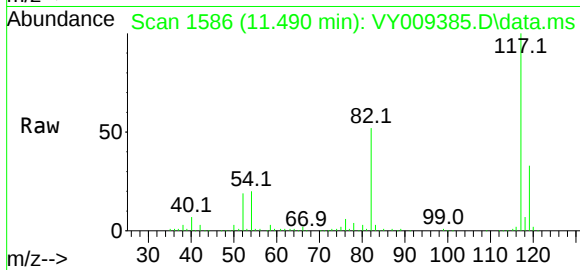




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

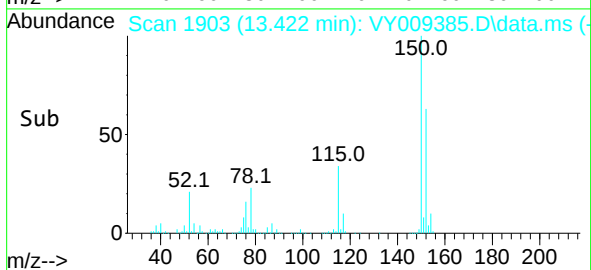
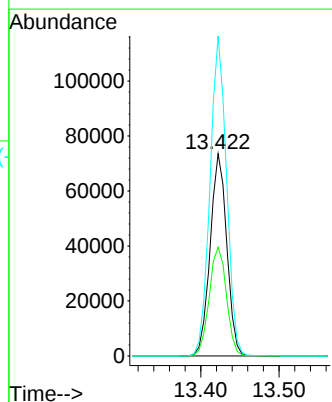
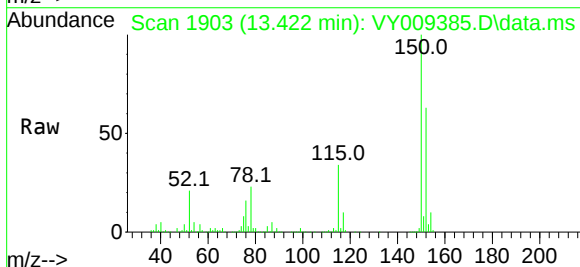
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

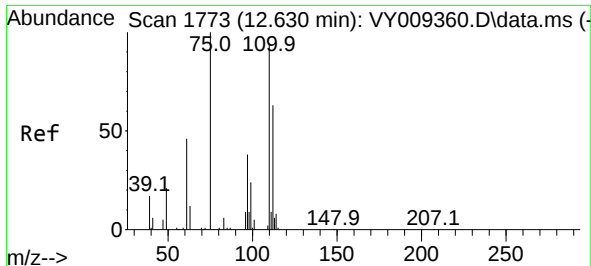
Tgt Ion:117 Resp: 234392
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion:152 Resp: 108270
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.9 0.0 347.6

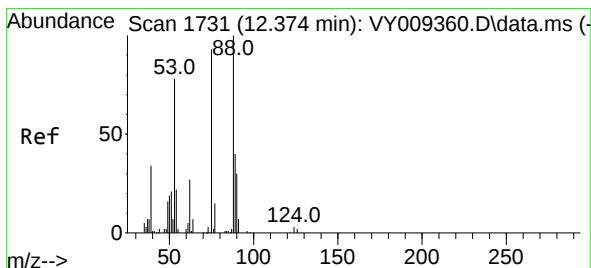
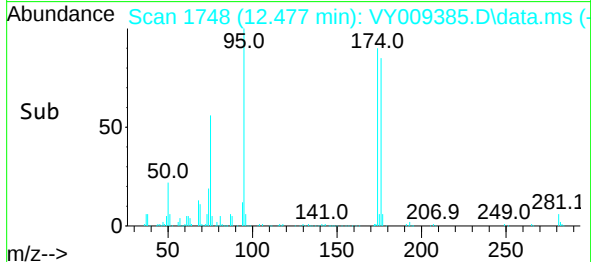
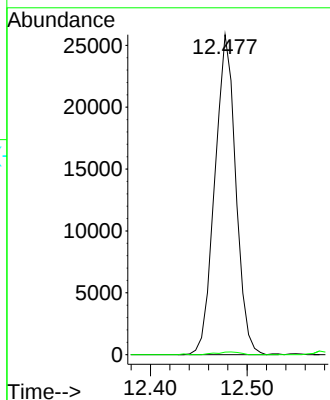
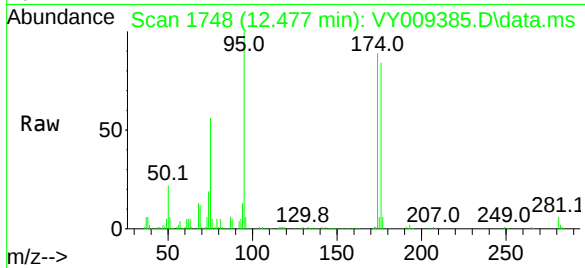




#76
1,2,3-Trichloropropane
Concen: 30.711 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion: 75 Resp: 38939
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.377 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009385.D
Acq: 29 Jun 2022 20:10

Tgt Ion: 75 Resp: 38939
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

