

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009386.D
 Acq On : 29 Jun 2022 20:34
 Operator : KP/MD
 Sample : N3488-06
 Misc : 3.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-0-2-20220623

Quant Time: Jun 30 05:14:26 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)

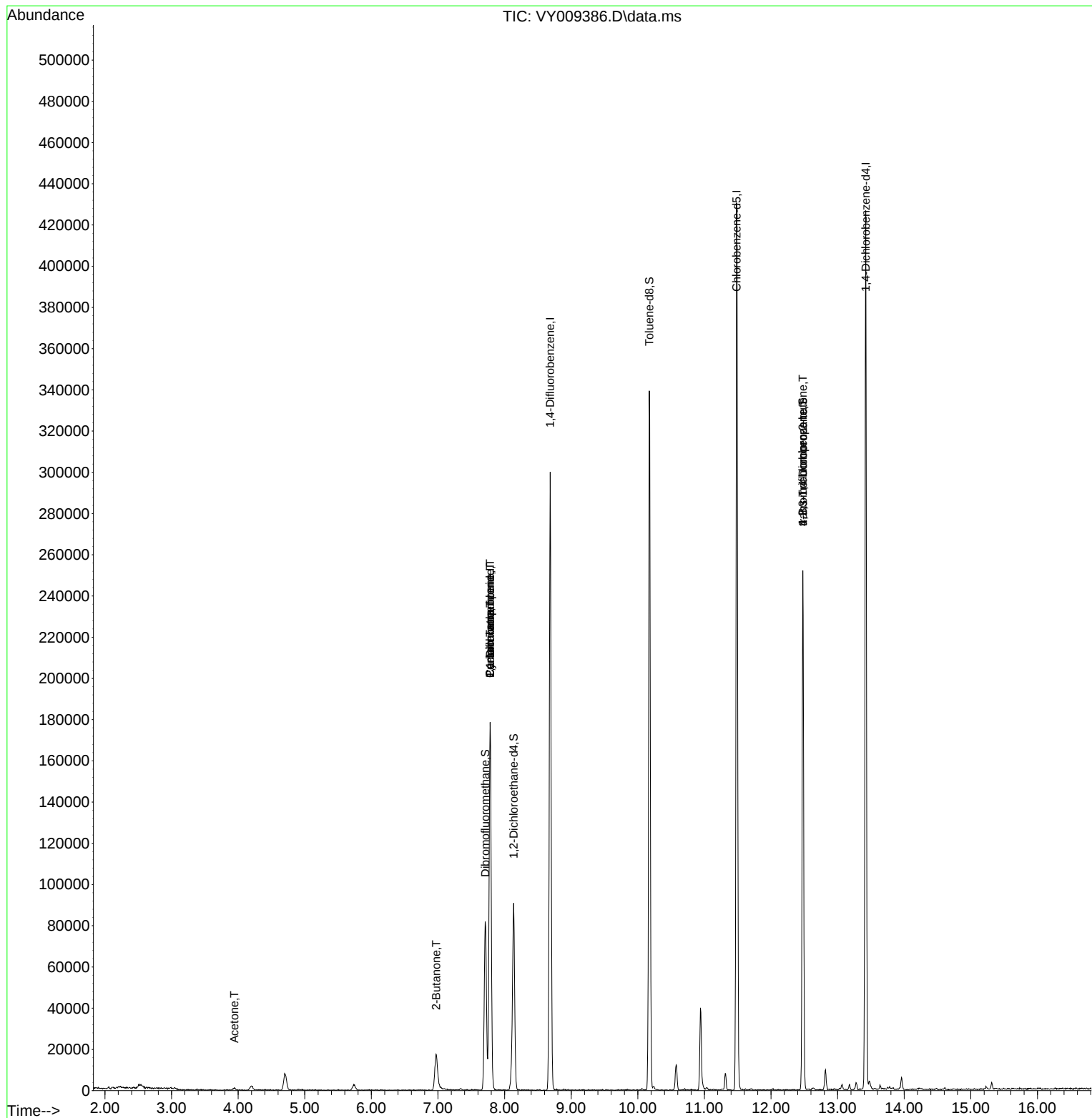
Internal Standards						
1) Pentafluorobenzene	7.783	168	139257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	227530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61682	55.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.600%	
35) Dibromofluoromethane	7.710	113	55443	41.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.560%	
50) Toluene-d8	10.173	98	213505	52.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.477	95	68380	35.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	367	Below Cal	#	77
16) Acetone	3.942	43	1784	4.870	ug/l #	86
18) Methyl Acetate	4.485	43	90	Below Cal	#	56
20) Methylene Chloride	4.704	84	5608	Below Cal		91
25) 2-Butanone	6.972	43	1397	2.406	ug/l #	54
31) Cyclohexane	7.783	56	3034	1.209	ug/l #	18
36) 1,1-Dichloropropene	7.783	75	10627	4.580	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14420	5.945	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	36656	30.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36656	67.636	ug/l #	7

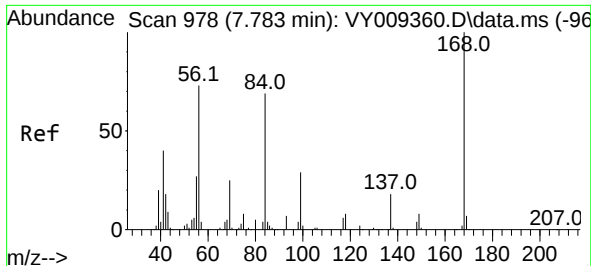
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11-0-2-20220623

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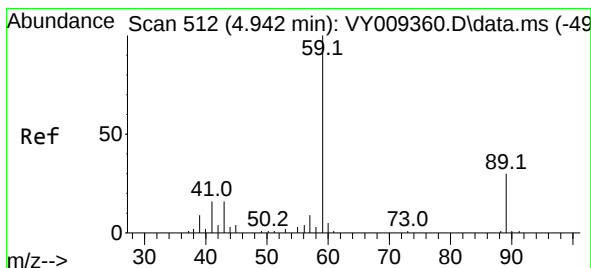
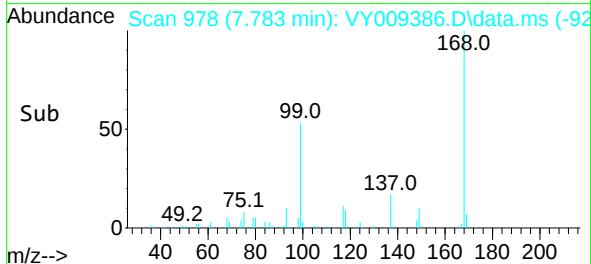
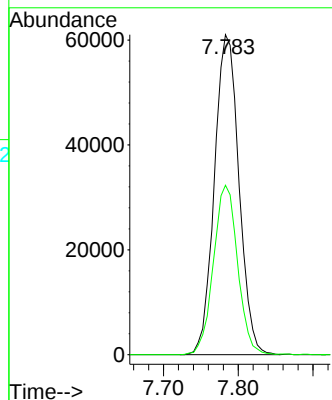
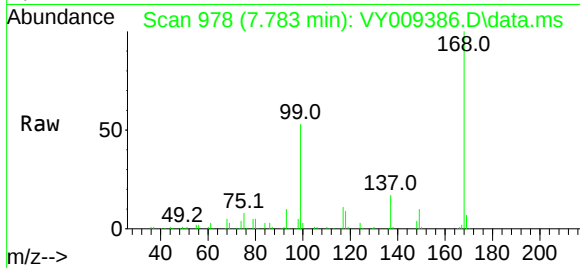




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

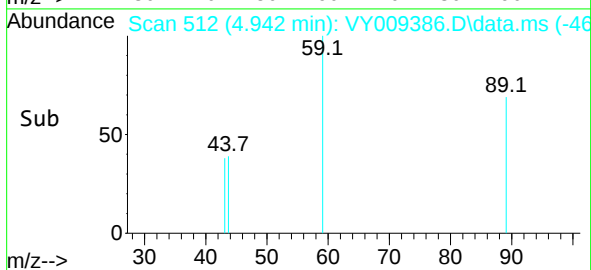
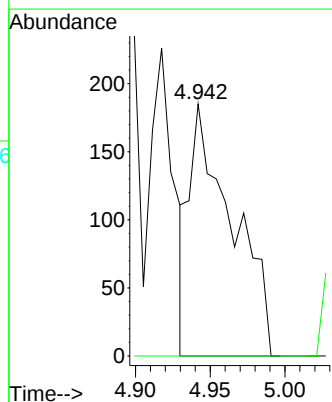
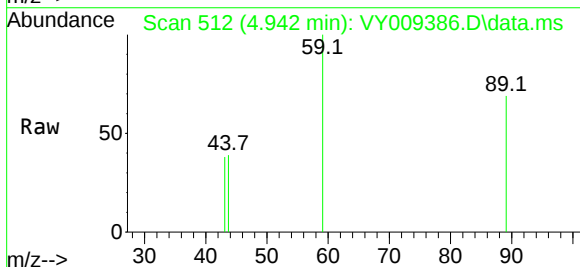
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

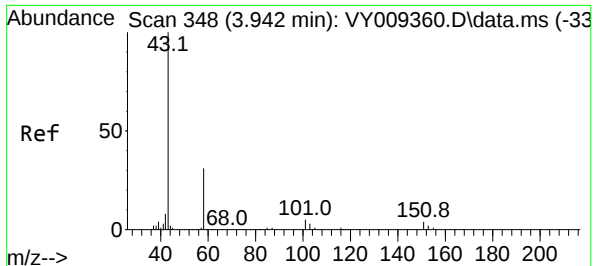
Tgt Ion:168 Resp: 139257
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

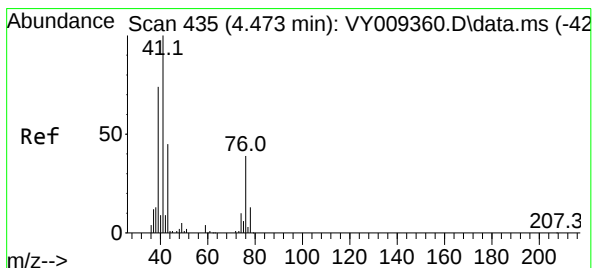
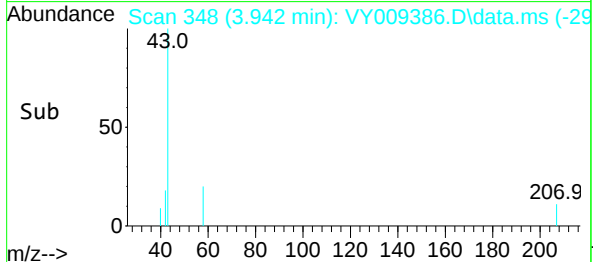
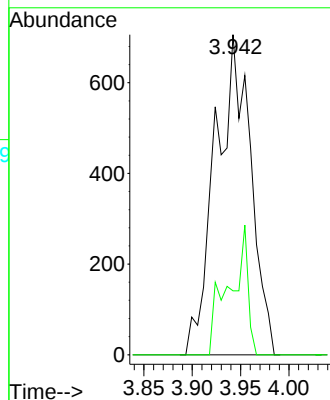
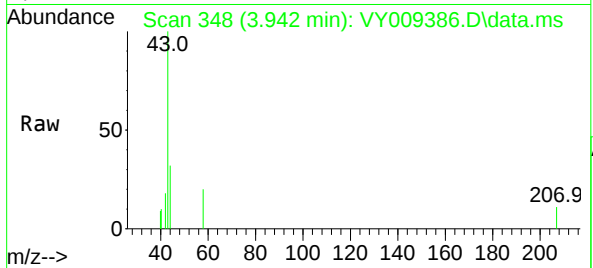




#16
Acetone
Concen: 4.870 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

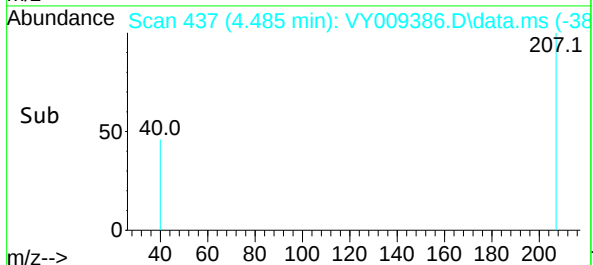
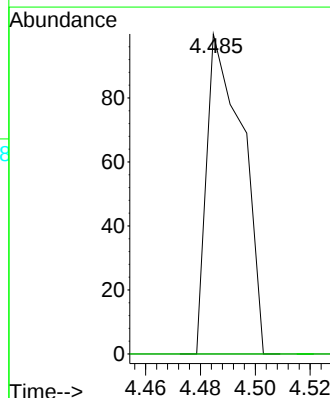
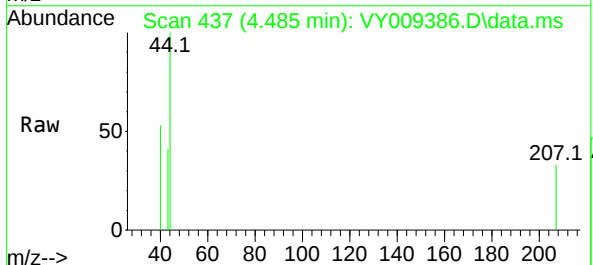
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

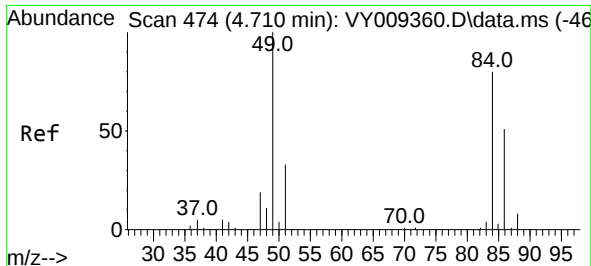
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 20.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009386.D

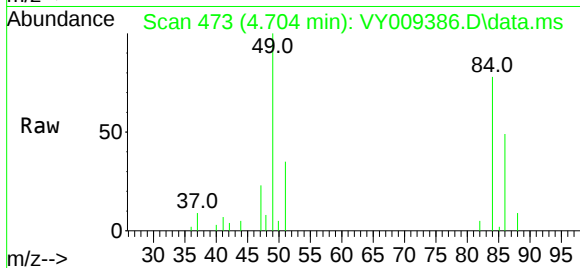
Acq: 29 Jun 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-0-2-20220623



Tgt Ion: 84 Resp: 5608

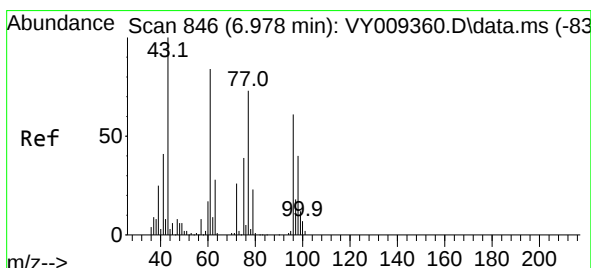
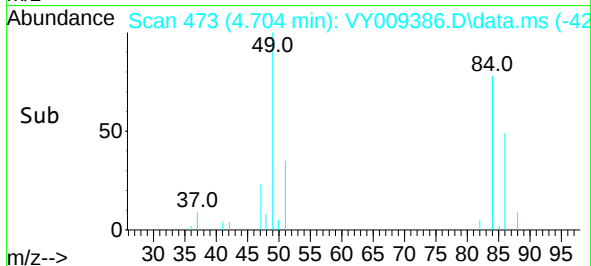
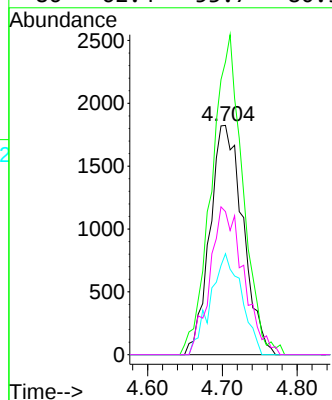
Ion Ratio Lower Upper

84 100

49 127.7 114.4 171.6

51 44.1 35.3 52.9

86 62.4 53.7 80.5



#25

2-Butanone

Concen: 2.406 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009386.D

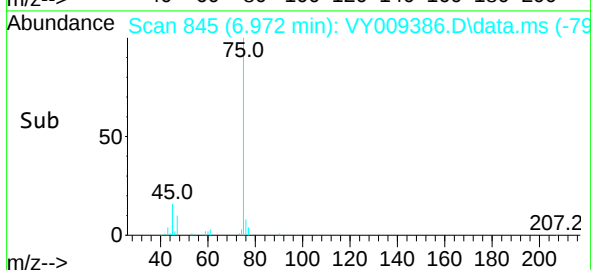
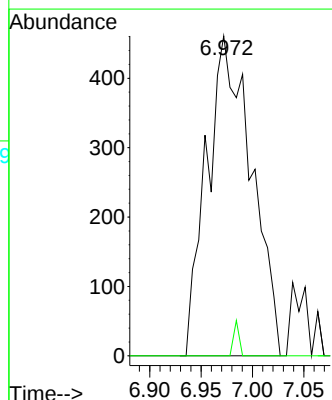
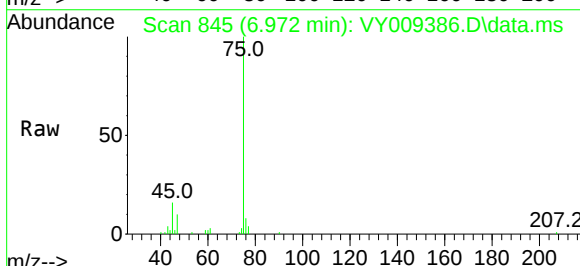
Acq: 29 Jun 2022 20:34

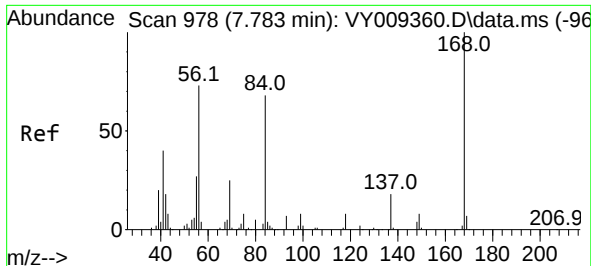
Tgt Ion: 43 Resp: 1397

Ion Ratio Lower Upper

43 100

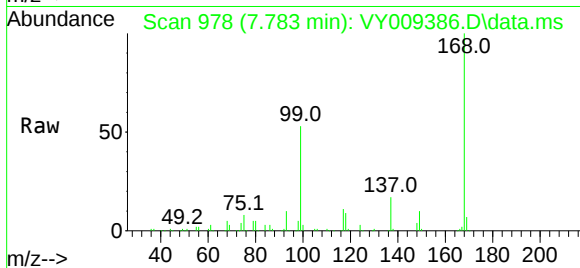
72 0.0 17.7 26.5#



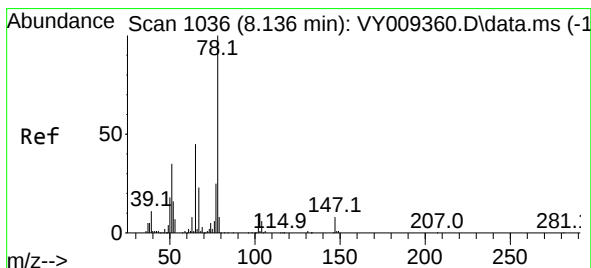
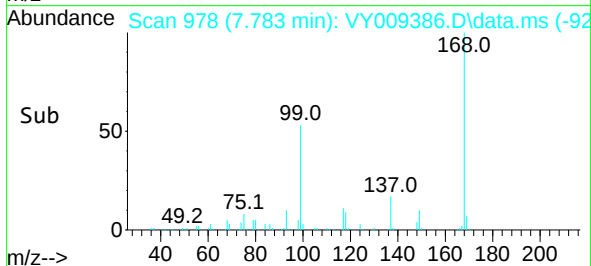
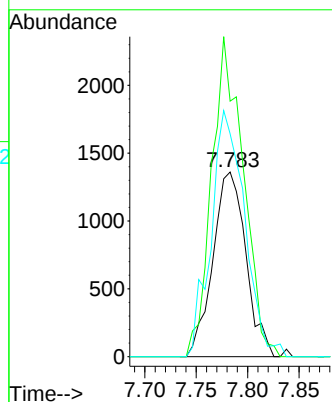


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

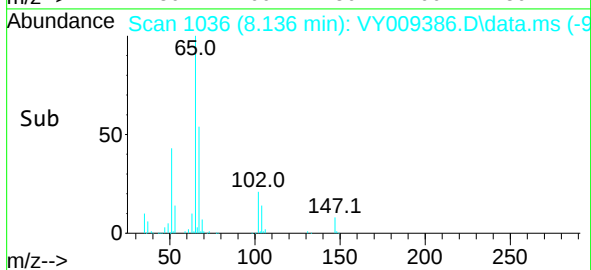
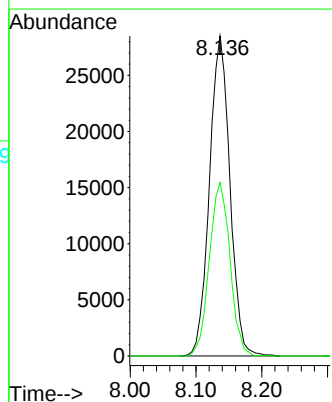
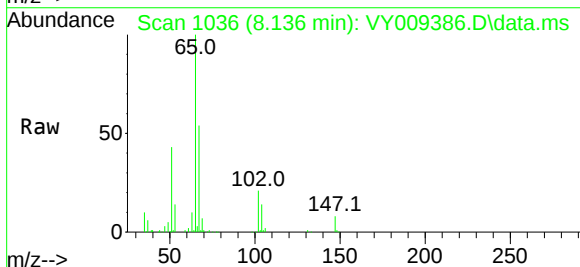


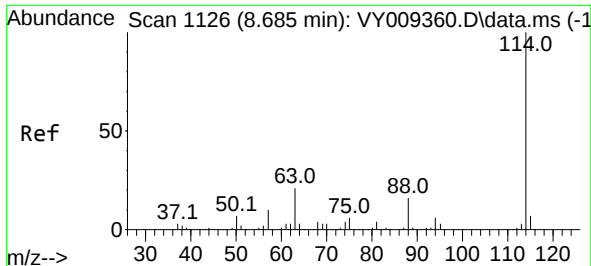
Tgt Ion: 56 Resp: 3034
Ion Ratio Lower Upper
56 100
69 138.4 26.7 40.1#
84 120.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.301 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 65 Resp: 61682
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4

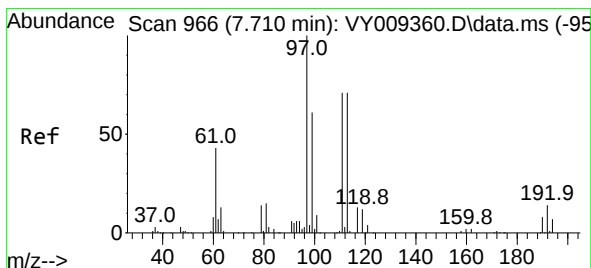
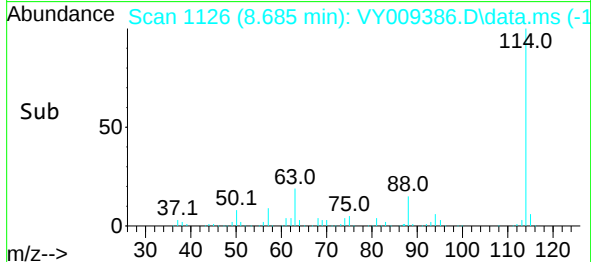
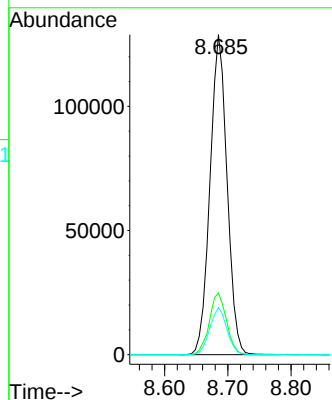
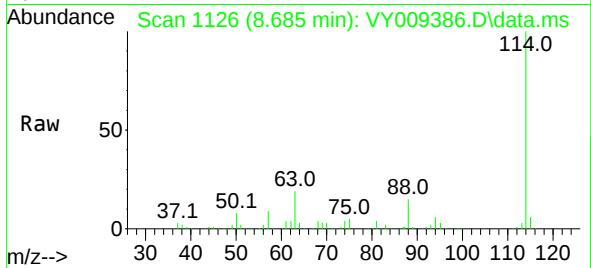




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

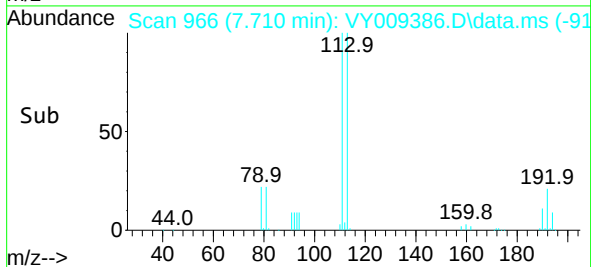
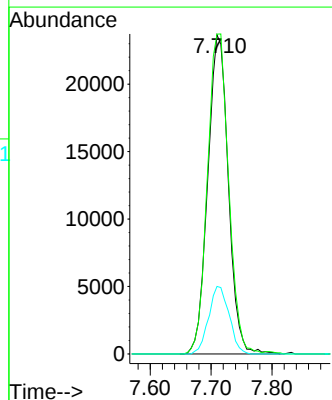
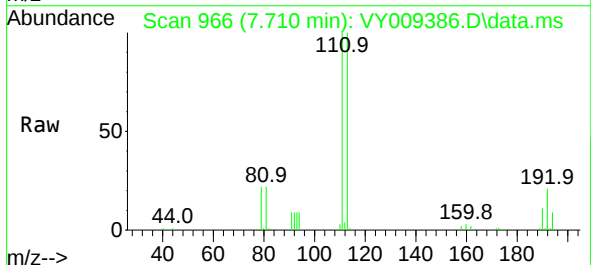
Instrument :
MSVOA_Y
ClientSampleId :
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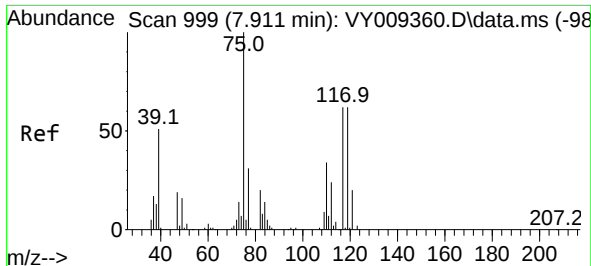
Tgt Ion:114 Resp: 241140
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.775 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion:113 Resp: 55443
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 21.0 17.6 26.4

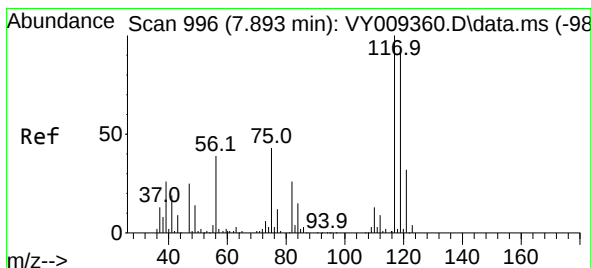
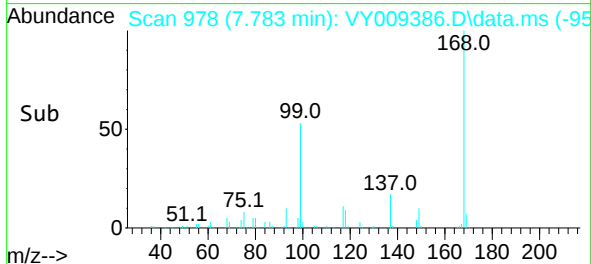
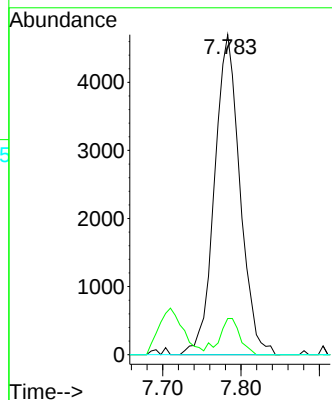
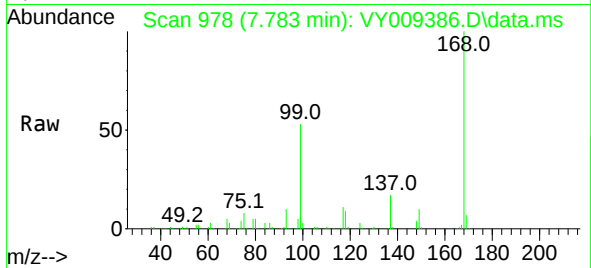




#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

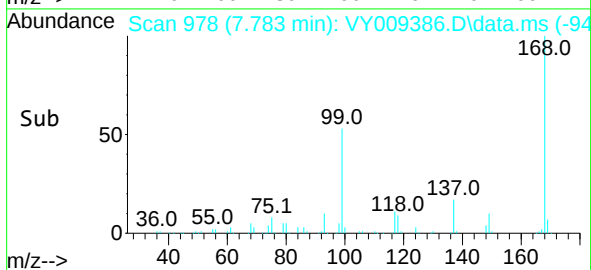
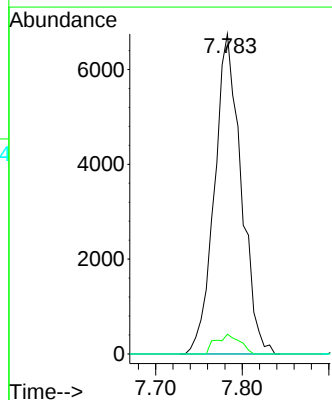
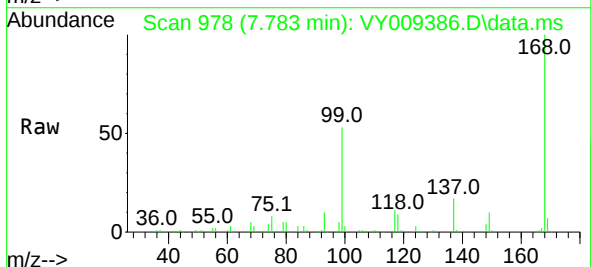
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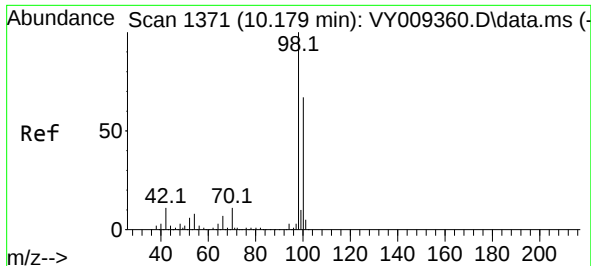
Tgt Ion: 75 Resp: 10627
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 117 Resp: 14420
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

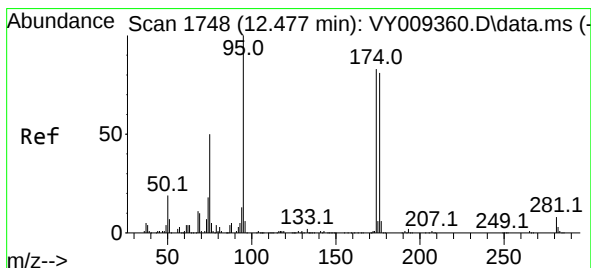
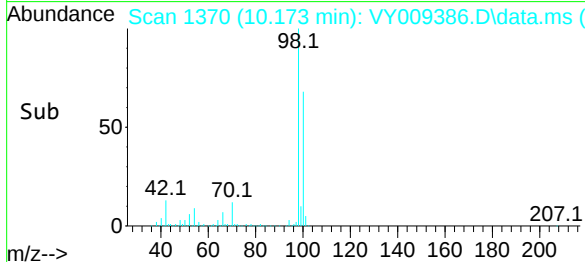
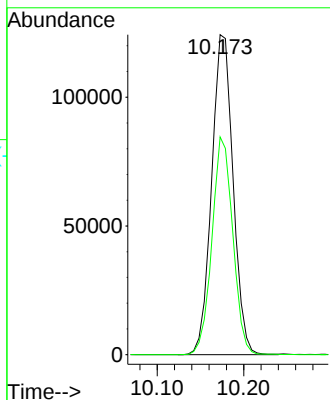
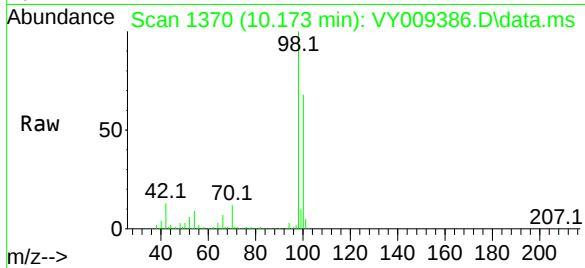




#50
Toluene-d8
Concen: 52.469 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

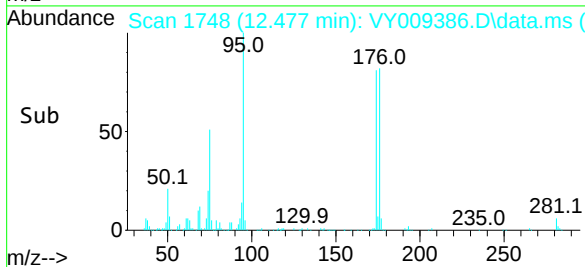
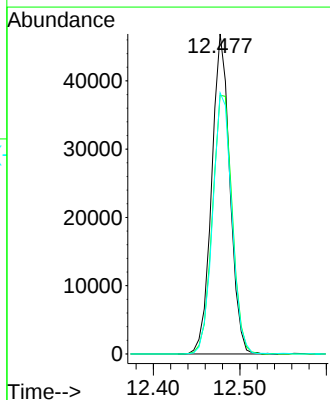
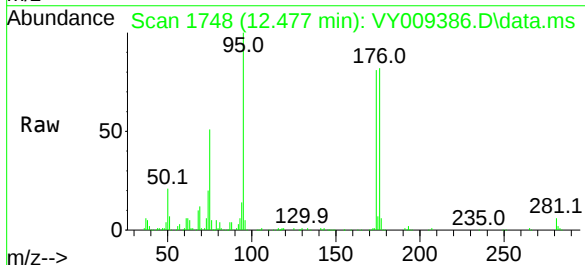
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

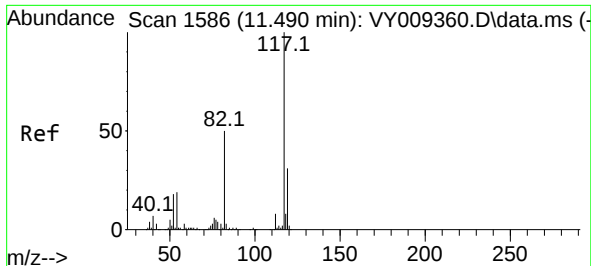
Tgt Ion: 98 Resp: 213505
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.433 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 95 Resp: 68380
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 85.5 0.0 175.8

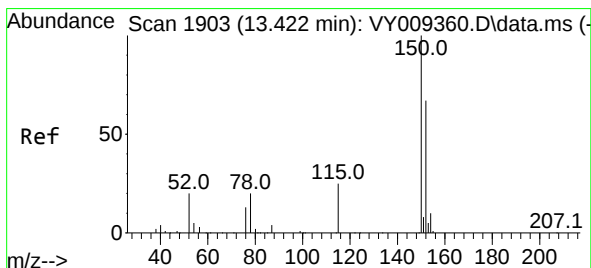
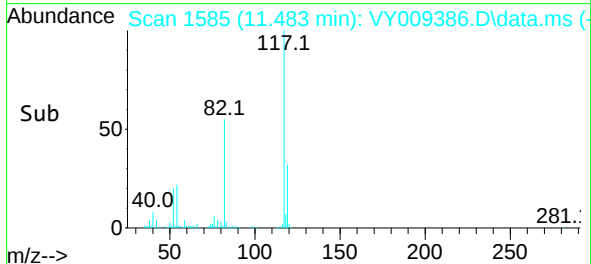
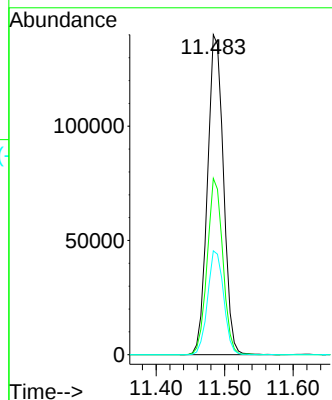
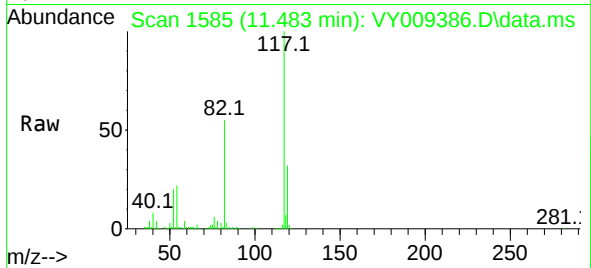




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

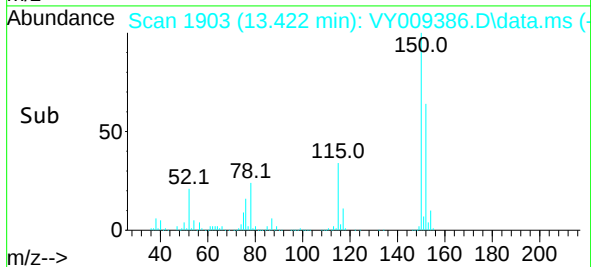
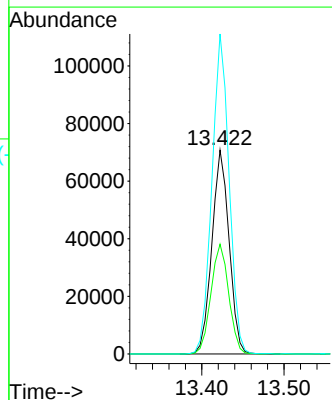
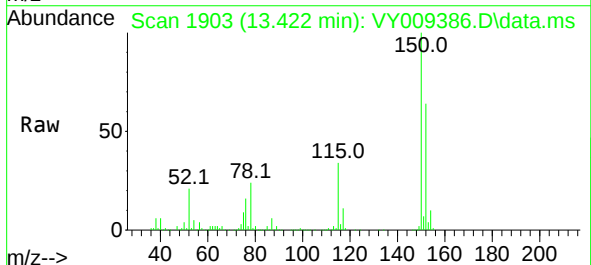
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

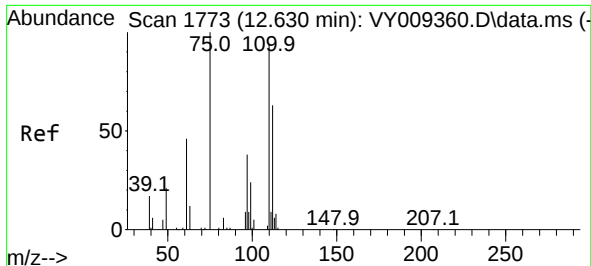
Tgt Ion:117 Resp: 227530
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion:152 Resp: 103038
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.4 0.0 347.6

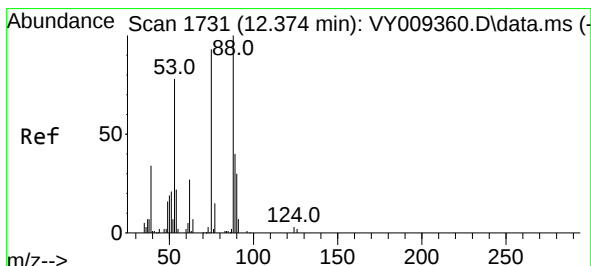
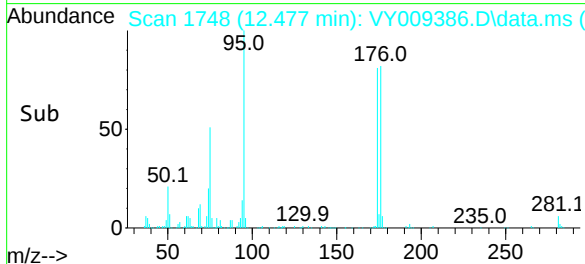
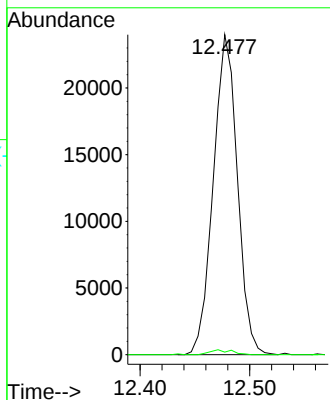
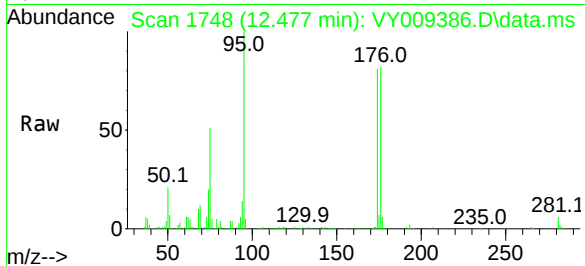




#76
1,2,3-Trichloropropane
Concen: 30.378 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

Tgt Ion: 75 Resp: 36656
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.636 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009386.D
Acq: 29 Jun 2022 20:34

Tgt Ion: 75 Resp: 36656
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

