

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009384.D
 Acq On : 29 Jun 2022 19:47
 Operator : KP/MD
 Sample : N3488-04
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-0-2-20220623

Quant Time: Jun 30 05:14:03 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)

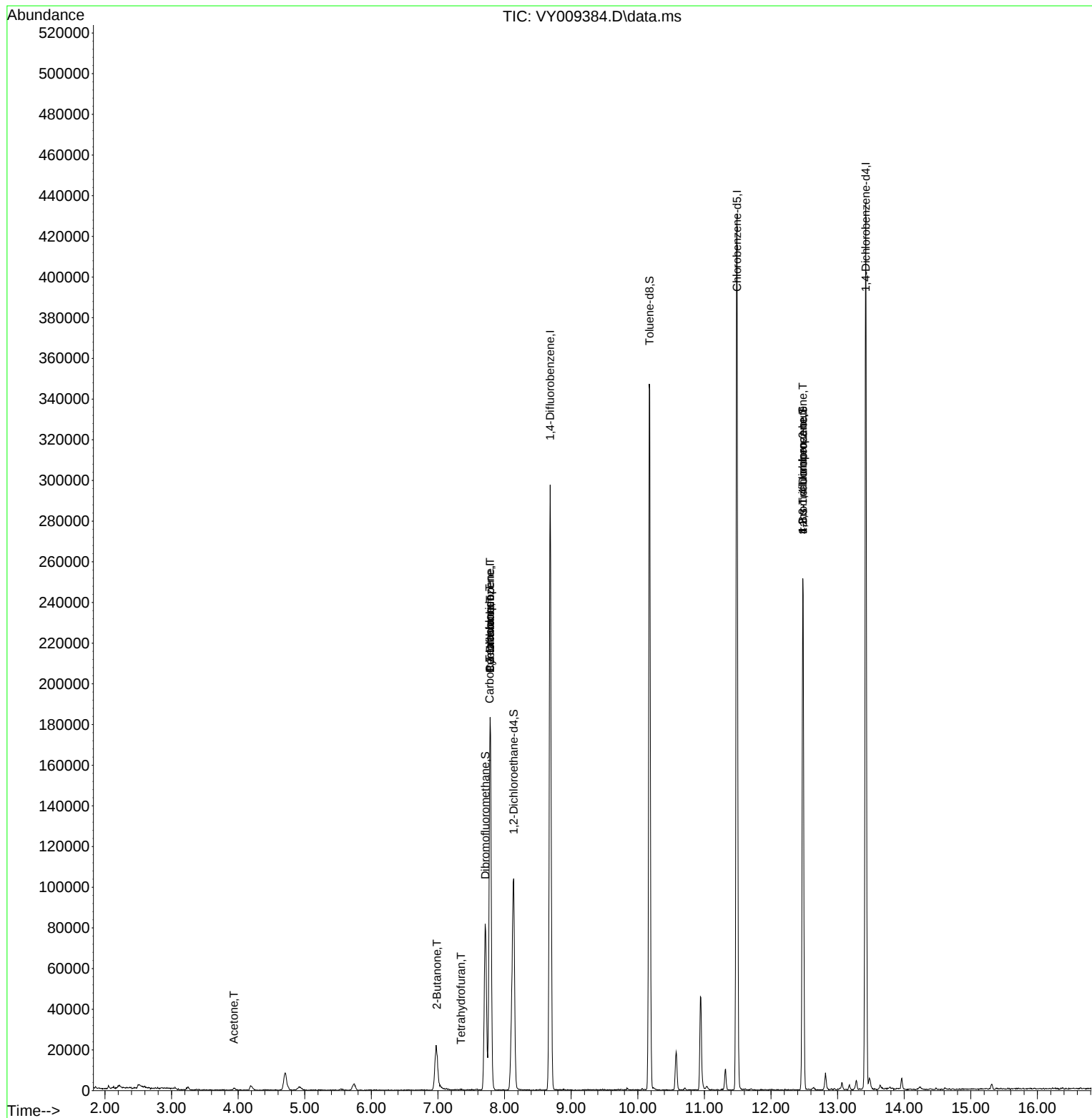
Internal Standards						
1) Pentafluorobenzene	7.783	168	144890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65450	56.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.800%	
35) Dibromofluoromethane	7.710	113	56583	41.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.380%	
50) Toluene-d8	10.179	98	221133	53.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.477	95	71843	36.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1911	Below Cal	#	77
16) Acetone	3.936	43	1753	4.599	ug/l	94
18) Methyl Acetate	4.460	43	114	Below Cal	#	56
20) Methylene Chloride	4.704	84	6003	Below Cal	#	84
25) 2-Butanone	6.984	43	1468	2.429	ug/l	# 54
29) Tetrahydrofuran	7.344	42	397	1.025	ug/l	# 55
31) Cyclohexane	7.783	56	3016	1.155	ug/l	# 14
36) 1,1-Dichloropropene	7.783	75	11379	4.795	ug/l	# 49
38) Carbon Tetrachloride	7.777	117	13315	5.368	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	38498	30.662	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	38498	68.269	ug/l	# 7

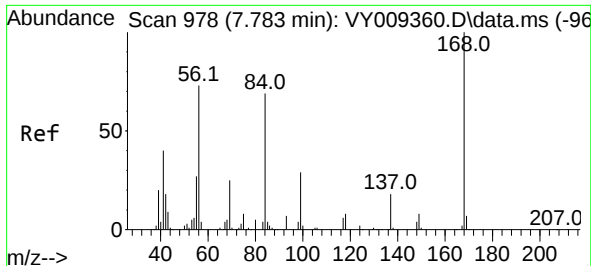
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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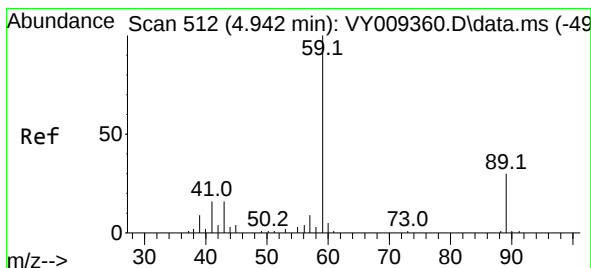
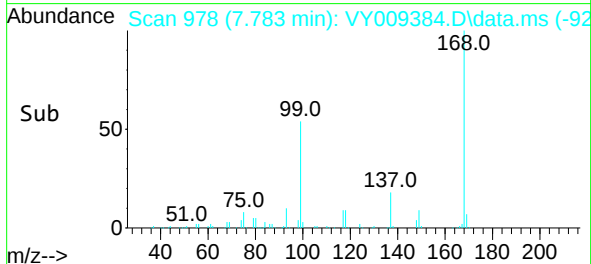
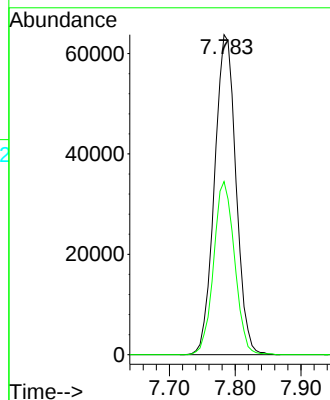
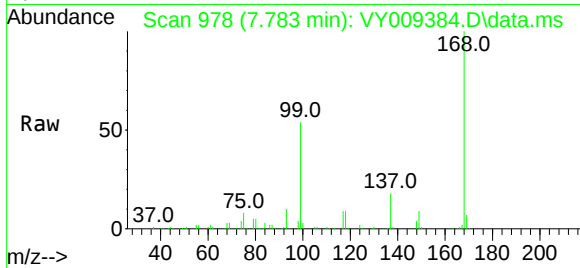




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

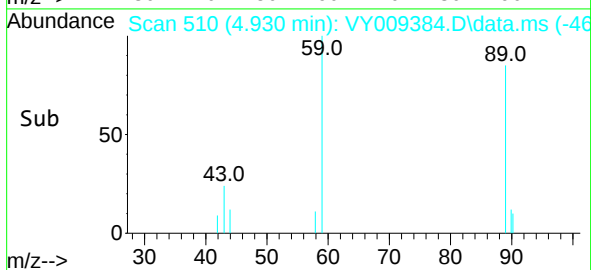
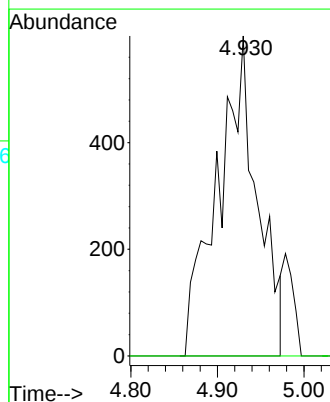
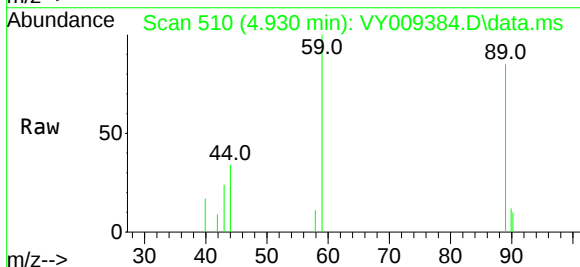
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-0-2-20220623

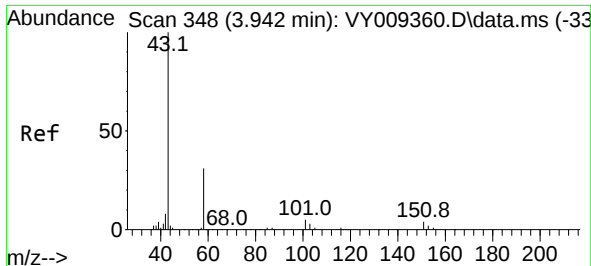
Tgt Ion:168 Resp: 144890
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Tgt Ion: 59 Resp: 1911
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 4.599 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY009384.D

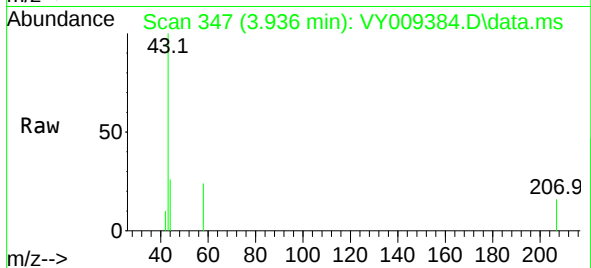
Acq: 29 Jun 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-0-2-20220623

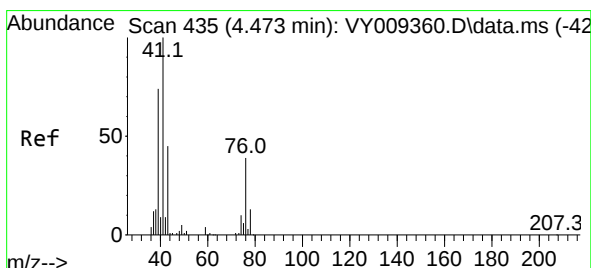
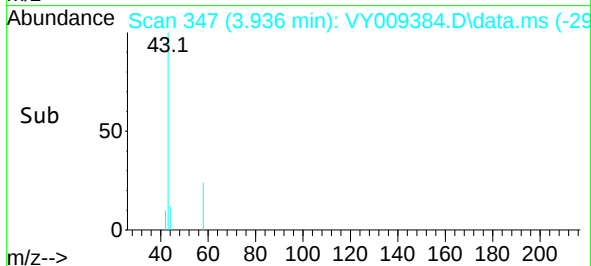
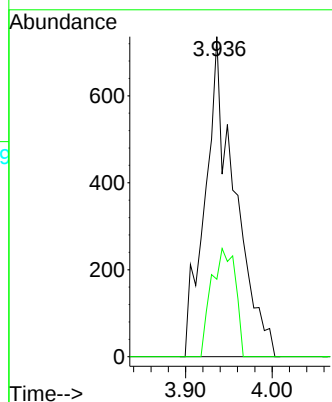


Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

58 24.2 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.013 min

Lab File: VY009384.D

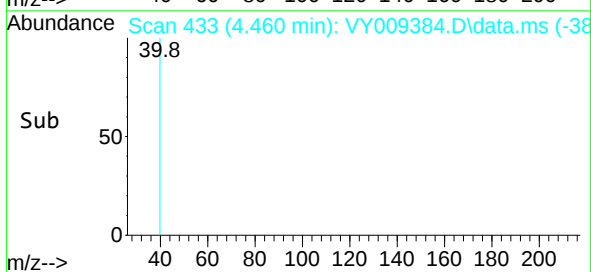
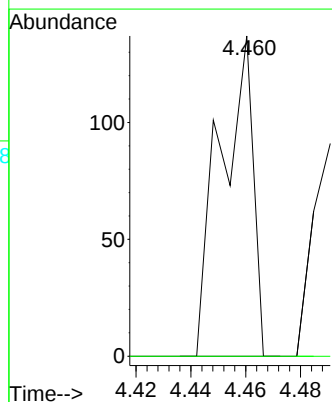
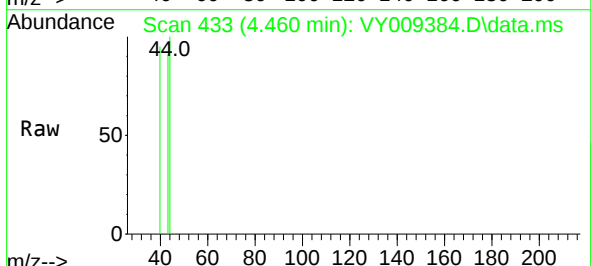
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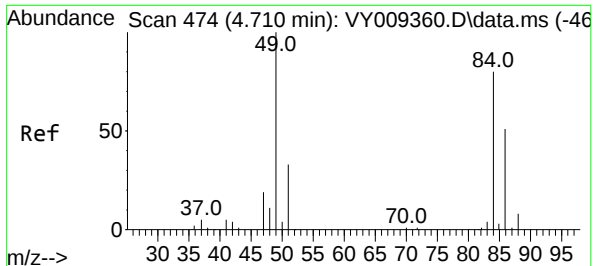
Tgt Ion: 43 Resp: 114

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: VY009384.D

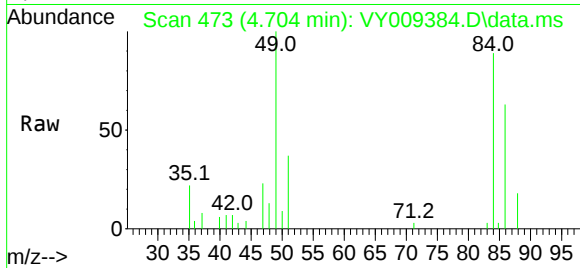
Acq: 29 Jun 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-0-2-20220623



Tgt Ion: 84 Resp: 6003

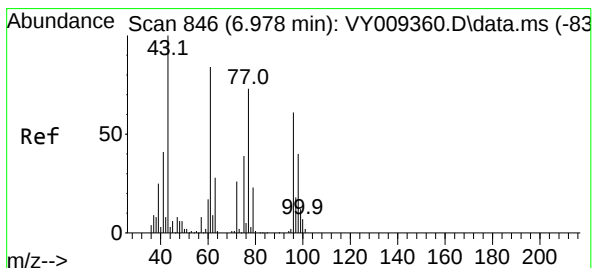
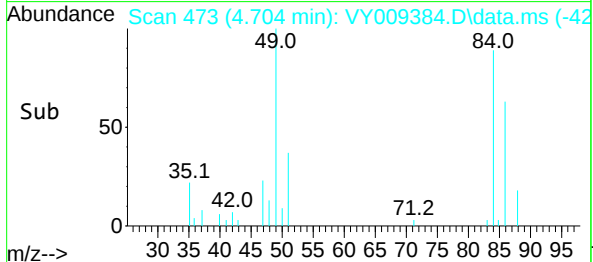
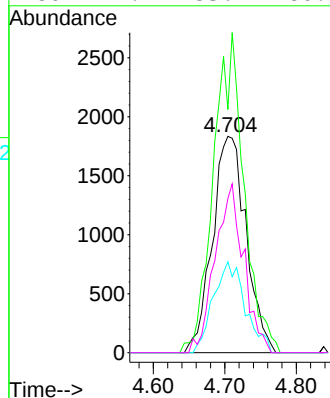
Ion Ratio Lower Upper

84 100

49 112.4 114.4 171.6#

51 42.0 35.3 52.9

86 71.2 53.7 80.5



#25

2-Butanone

Concen: 2.429 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009384.D

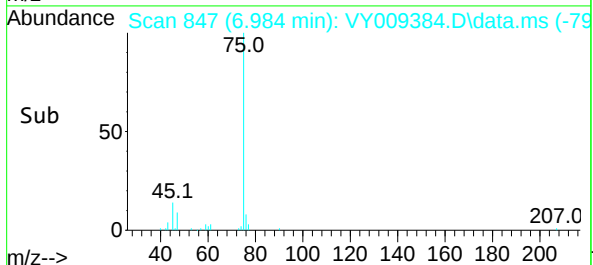
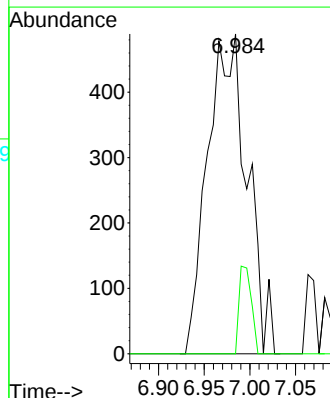
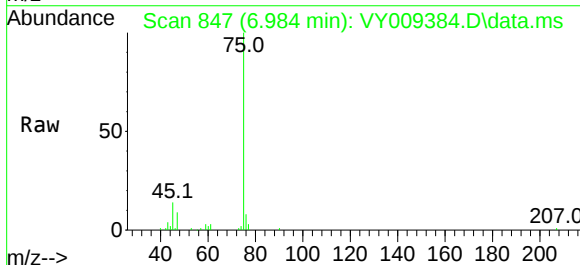
Acq: 29 Jun 2022 19:47

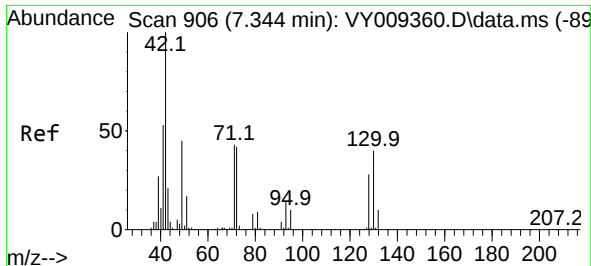
Tgt Ion: 43 Resp: 1468

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.025 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY009384.D

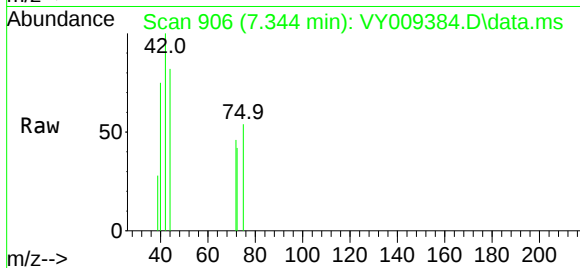
Acq: 29 Jun 2022 19:47

Instrument :

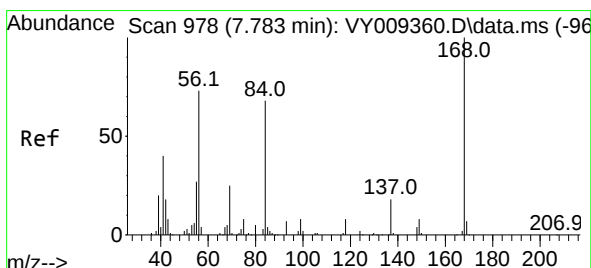
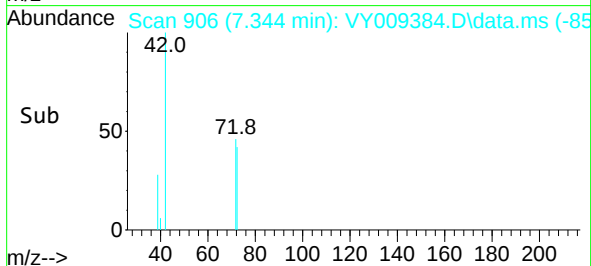
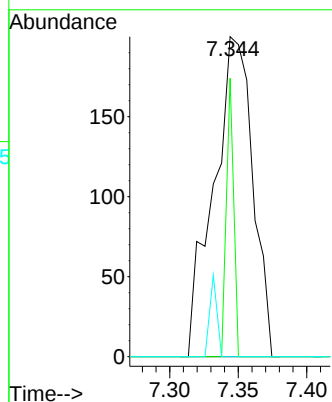
MSVOA_Y

ClientSampleId :

SB-10-0-2-20220623



Tgt Ion:	42	Resp:	397
Ion Ratio	Lower	Upper	
42	100		
72	16.1	30.3	45.5#
71	4.8	29.0	43.4#



#31

Cyclohexane

Concen: 1.155 ug/l

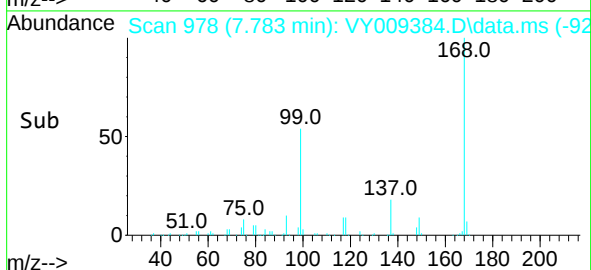
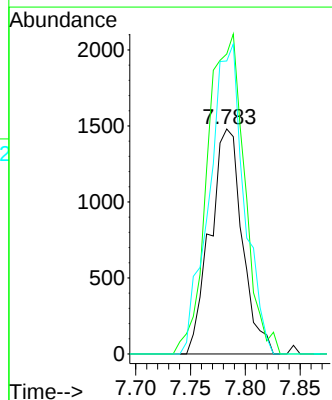
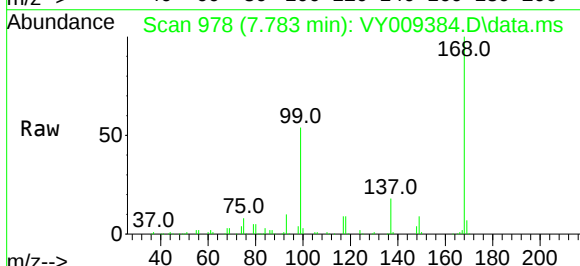
RT: 7.783 min Scan# 978

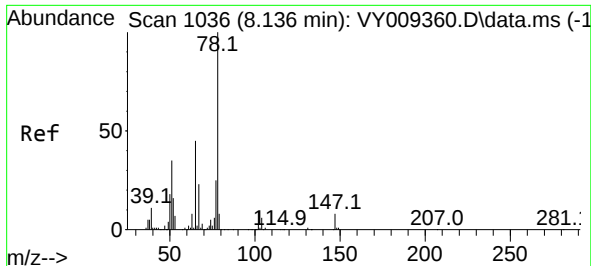
Delta R.T. -0.000 min

Lab File: VY009384.D

Acq: 29 Jun 2022 19:47

Tgt Ion:	56	Resp:	3016
Ion Ratio	Lower	Upper	
56	100		
69	133.3	26.7	40.1#
84	130.2	67.2	100.8#

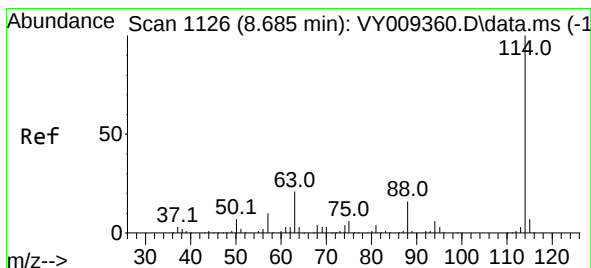
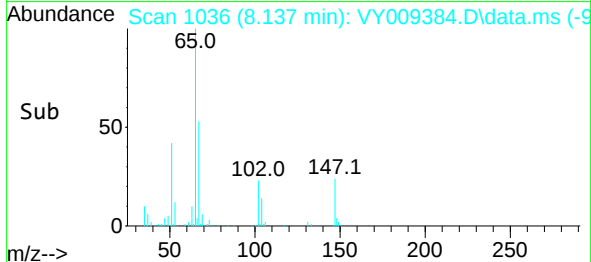
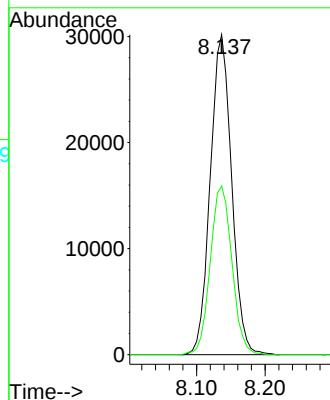
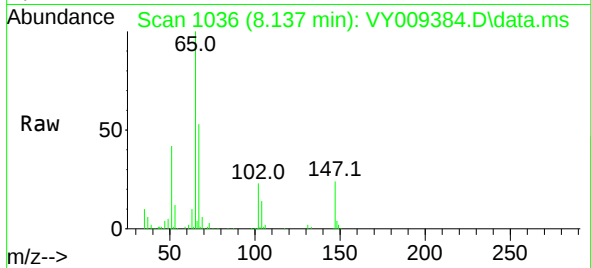




#33
 1,2-Dichloroethane-d4
 Concen: 56.398 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY009384.D
 Acq: 29 Jun 2022 19:47

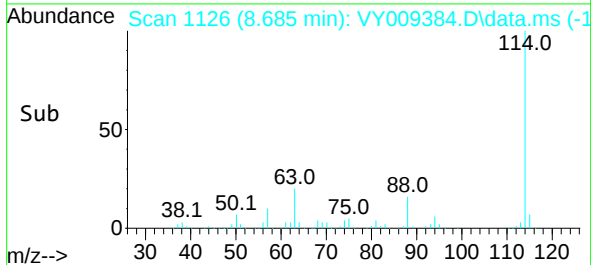
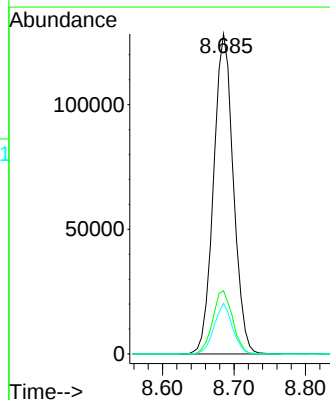
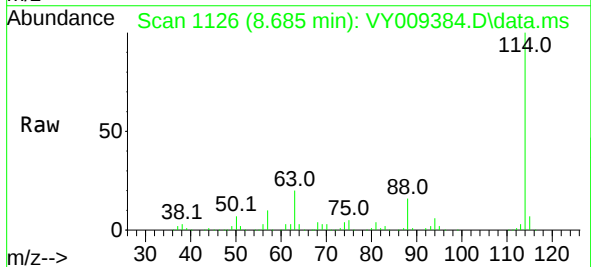
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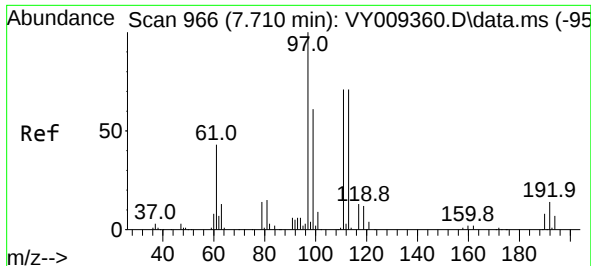
Tgt Ion: 65 Resp: 65450
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009384.D
 Acq: 29 Jun 2022 19:47

Tgt Ion: 114 Resp: 246584
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.8 0.0 31.8

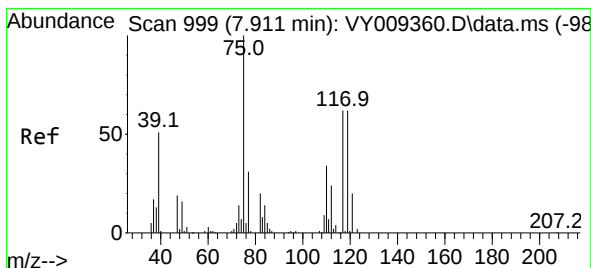
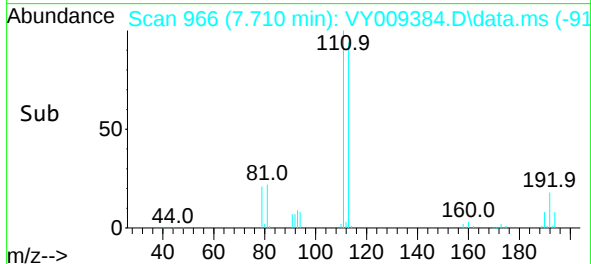
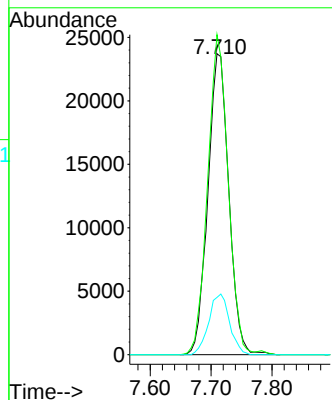
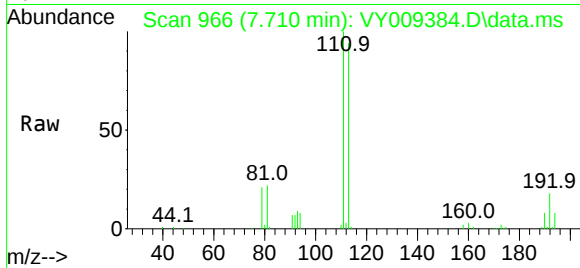




#35
Dibromofluoromethane
Concen: 41.693 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

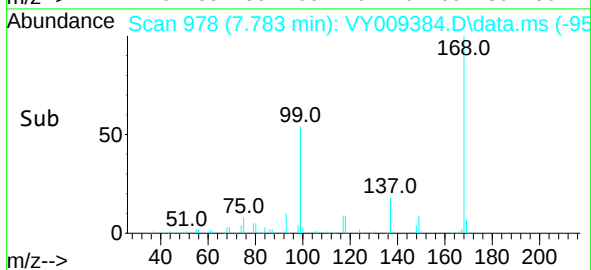
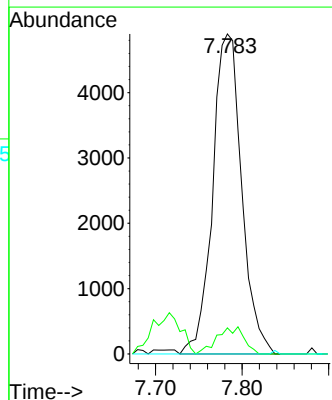
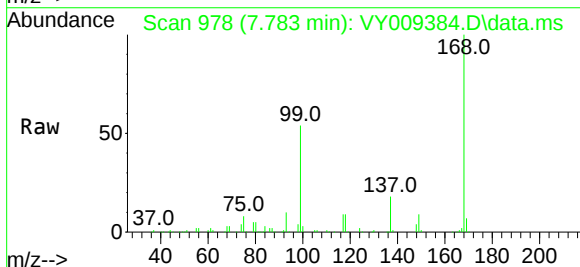
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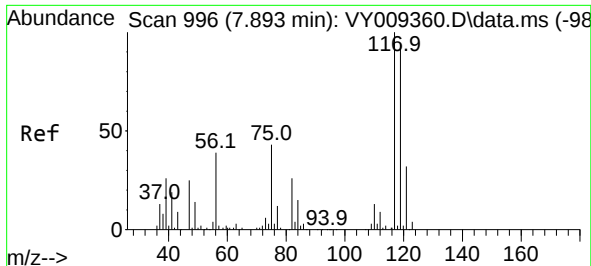
Tgt Ion:113 Resp: 56583
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

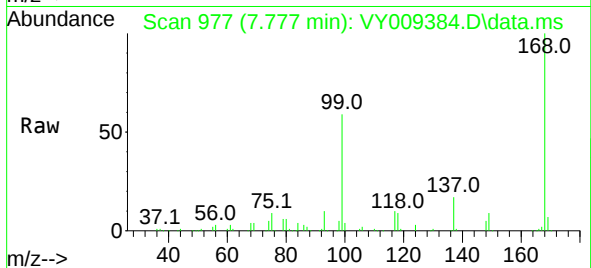
Tgt Ion: 75 Resp: 11379
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 24.4 36.6#



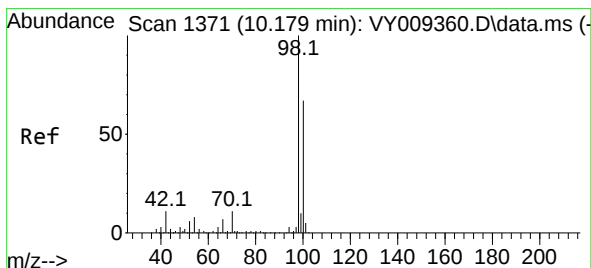
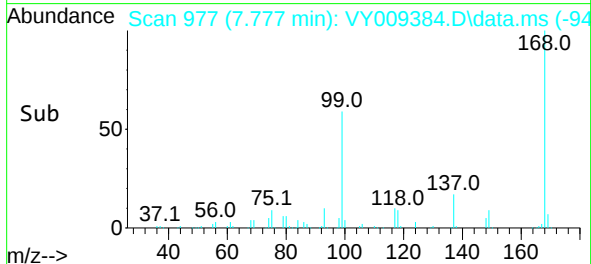
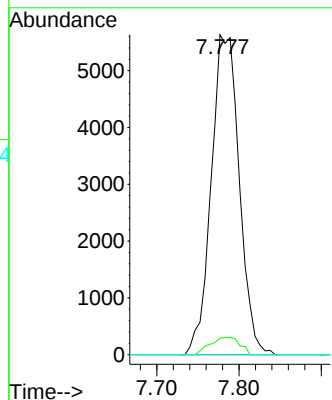


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-0-2-20220623

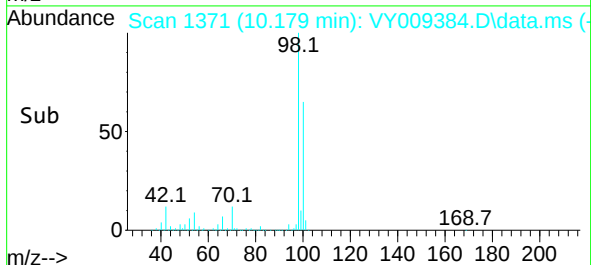
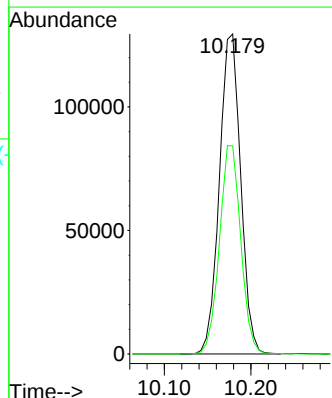
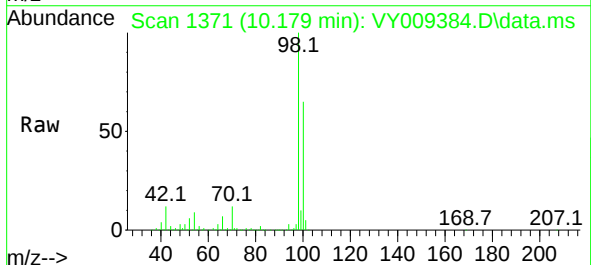


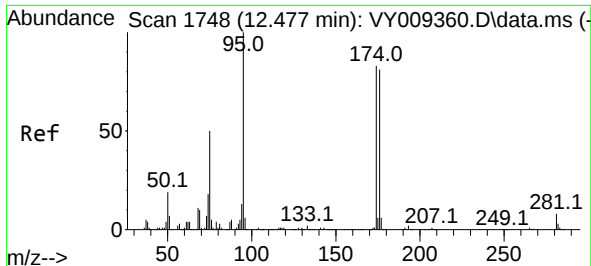
Tgt Ion:117 Resp: 13315
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.144 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Tgt Ion: 98 Resp: 221133
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

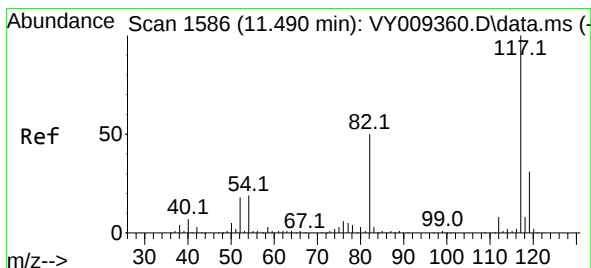
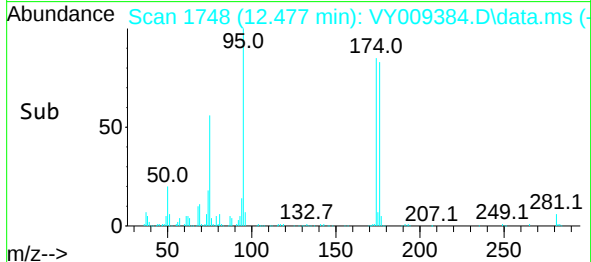
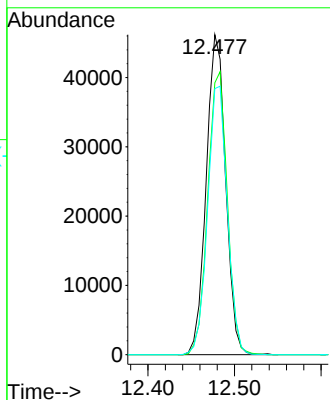
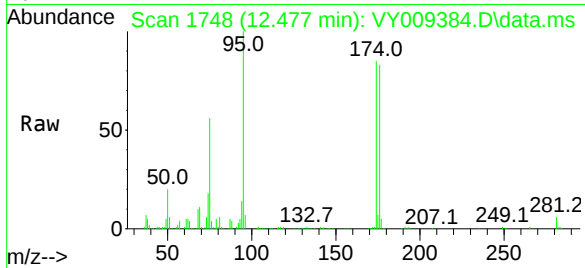




#62
4-Bromofluorobenzene
Concen: 36.405 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

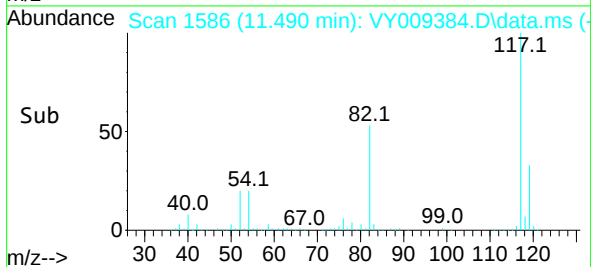
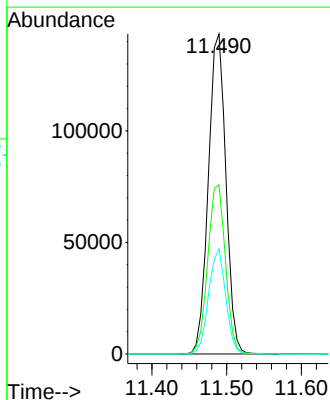
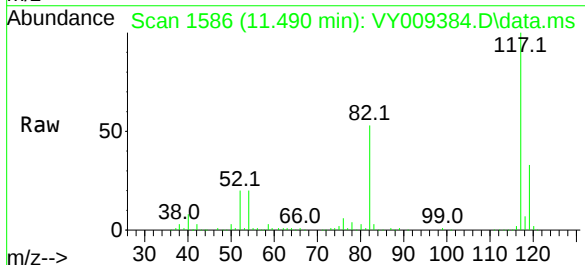
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-0-2-20220623

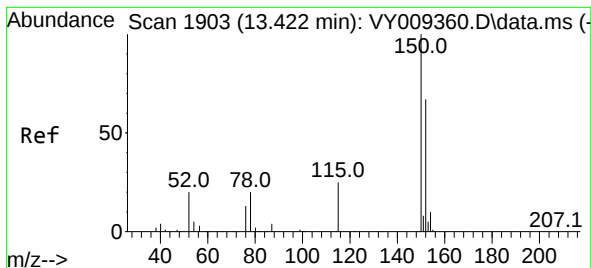
Tgt Ion: 95 Resp: 71843
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Tgt Ion: 117 Resp: 234309
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.8 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: VY009384.D

Acq: 29 Jun 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-0-2-20220623

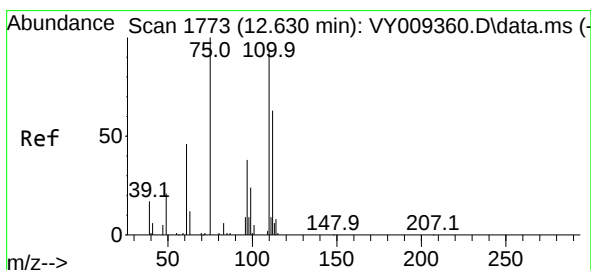
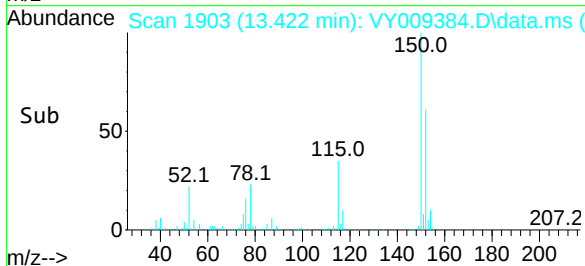
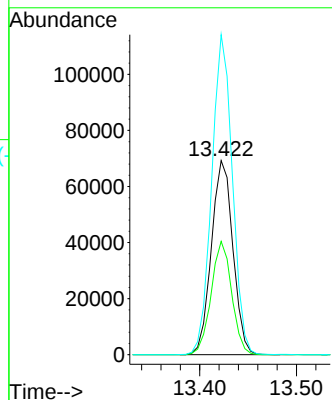
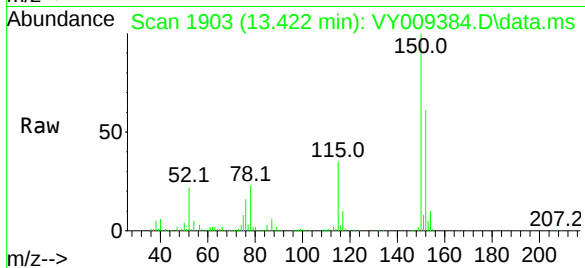
Tgt Ion:152 Resp: 107213

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 158.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 30.662 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009384.D

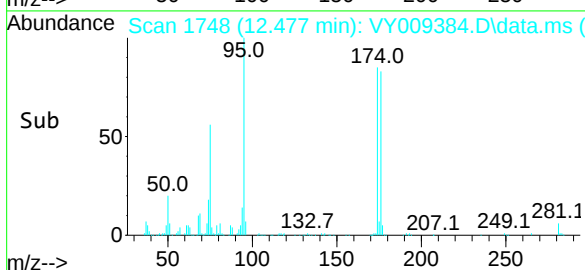
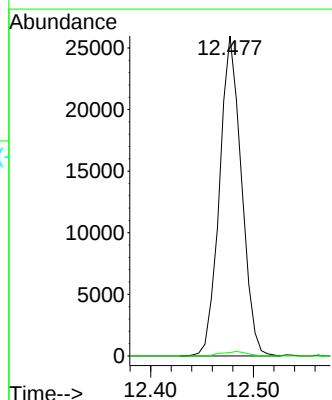
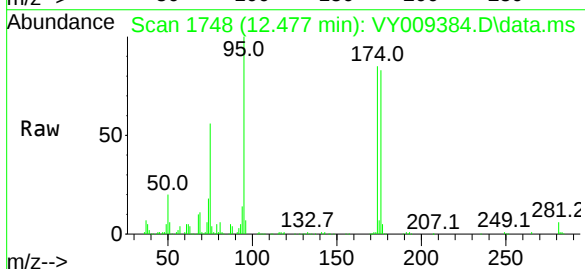
Acq: 29 Jun 2022 19:47

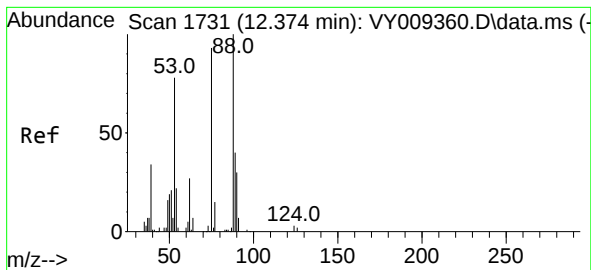
Tgt Ion: 75 Resp: 38498

Ion Ratio Lower Upper

75 100

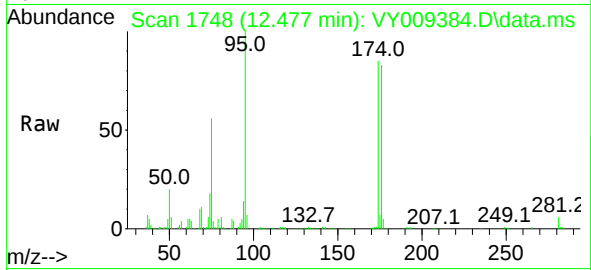
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.269 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009384.D
 Acq: 29 Jun 2022 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-0-2-20220623



Tgt Ion: 75 Resp: 38498
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

