

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008644.D
 Acq On : 05 May 2022 04:48
 Operator : KP/MD
 Sample : N2665-07
 Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4,16

Quant Time: May 05 06:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

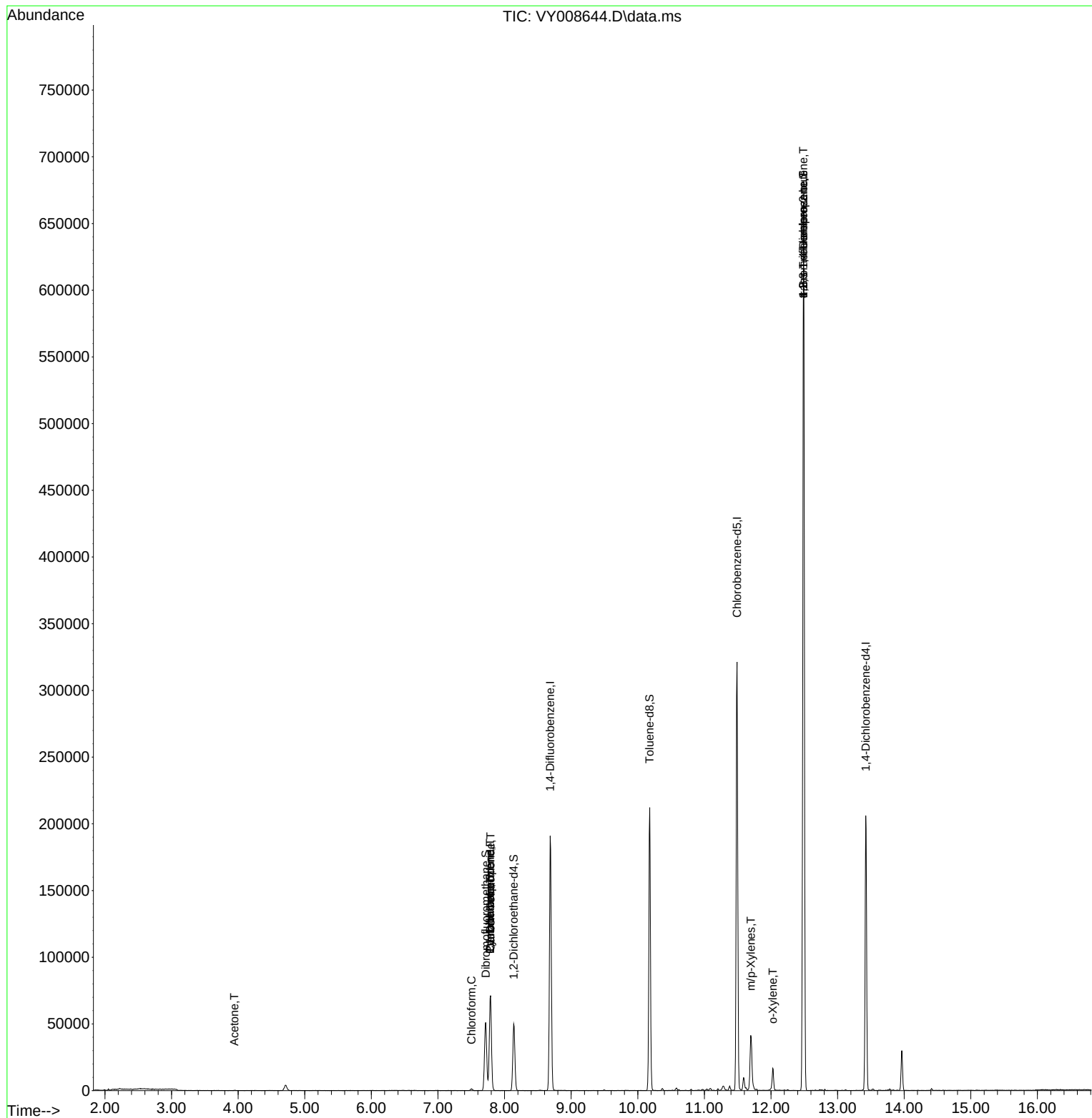
Internal Standards						
1) Pentafluorobenzene	7.783	168	53521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37201	71.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.040%	
35) Dibromofluoromethane	7.716	113	35278	30.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 60.500%	
50) Toluene-d8	10.179	98	135115	32.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 65.400%	
62) 4-Bromofluorobenzene	12.483	95	54895	36.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	108	Below Cal	#	60
16) Acetone	3.942	43	361	3.221	ug/l #	47
18) Methyl Acetate	4.485	43	289	Below Cal	#	56
20) Methylene Chloride	4.710	84	2915	Below Cal	#	82
30) Chloroform	7.503	83	1215	1.108	ug/l	97
31) Cyclohexane	7.783	56	1257	1.400	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	4296	2.369	ug/l #	53
38) Carbon Tetrachloride	7.789	117	5498	2.657	ug/l #	14
68) m/p-Xylenes	11.697	106	13117	4.112	ug/l	88
69) o-Xylene	12.026	106	4679	1.531	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	34434	62.428	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34434	126.568	ug/l #	9

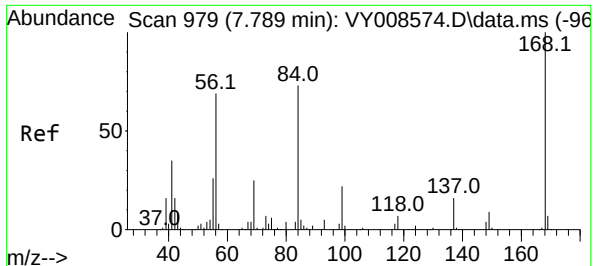
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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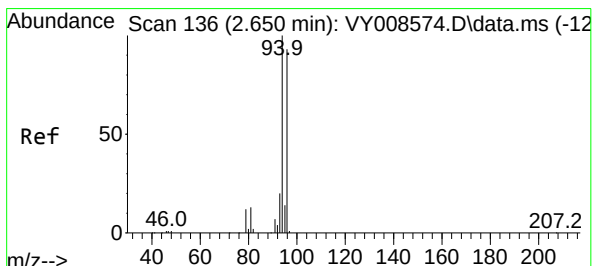
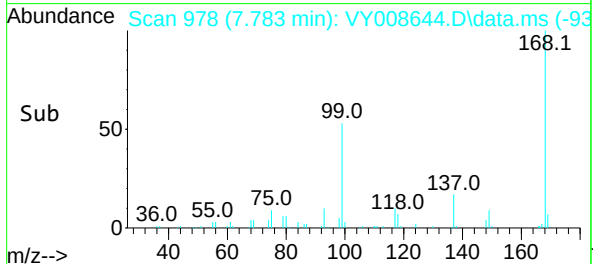
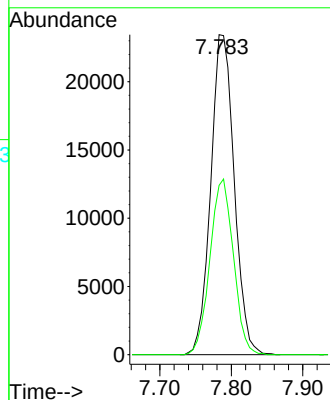
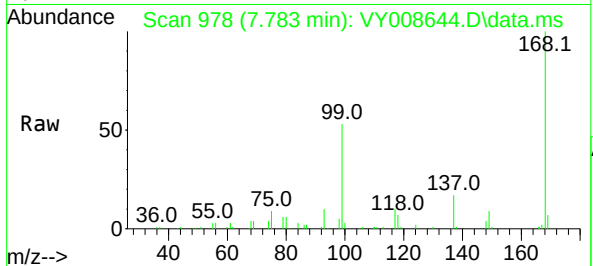




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

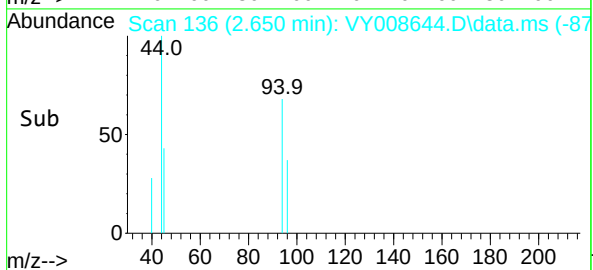
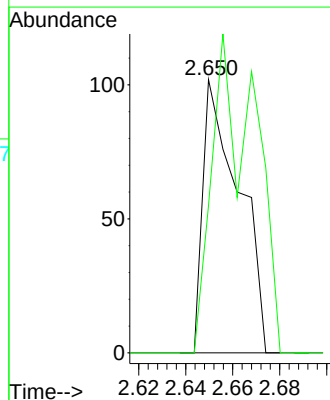
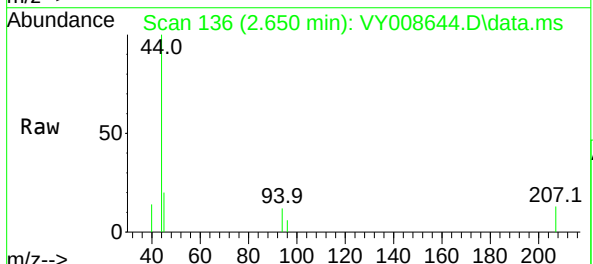
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

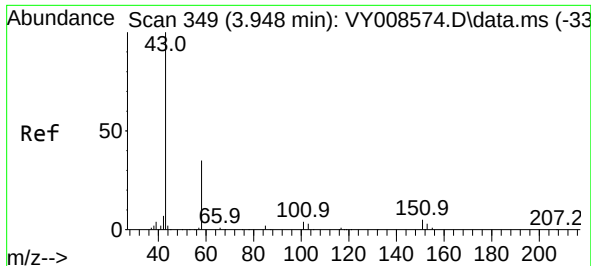
Tgt Ion:168 Resp: 53521
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. -0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 53.9 73.5 110.3#





#16

Acetone

Concen: 3.221 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

Instrument :

MSVOA_Y

ClientSampleId :

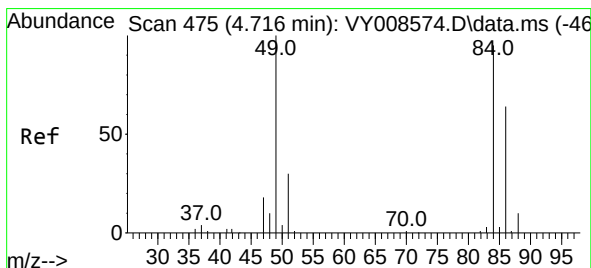
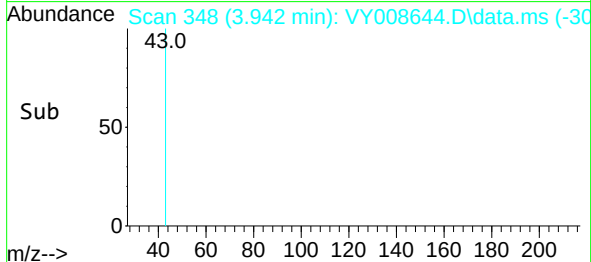
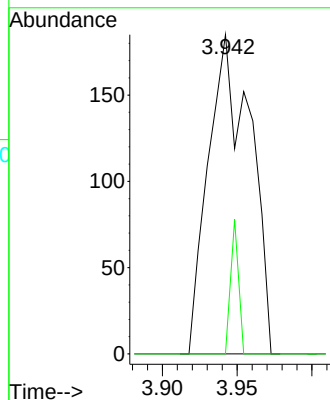
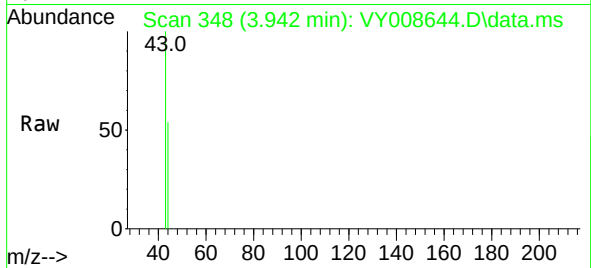
SB-4,16

Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

Tgt Ion: 84 Resp: 2915

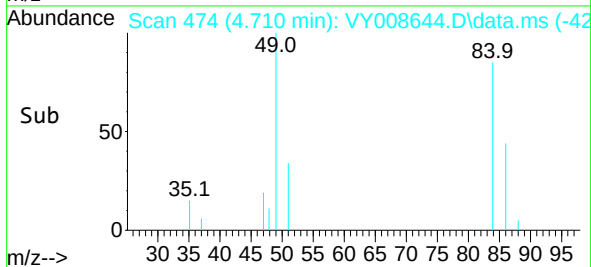
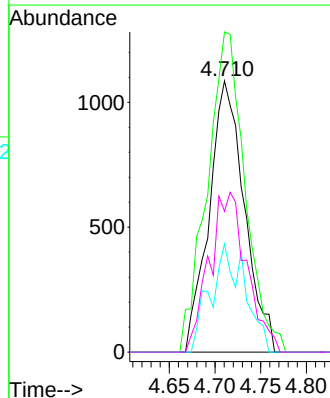
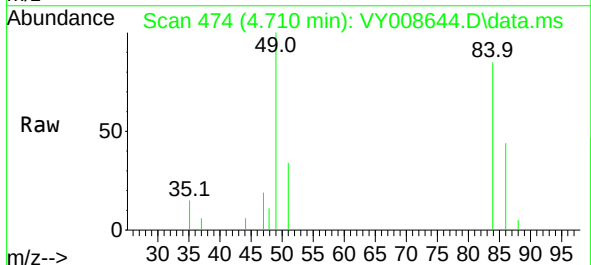
Ion Ratio Lower Upper

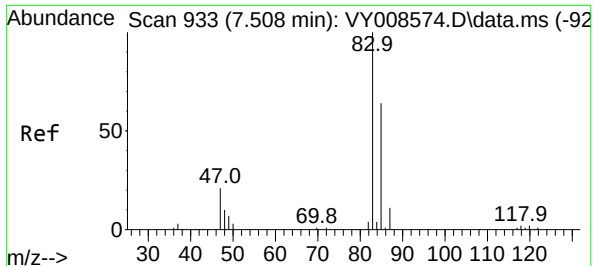
84 100

49 118.0 114.4 171.6

51 39.9 35.3 52.9

86 51.9 53.7 80.5#





#30

Chloroform

Concen: 1.108 ug/l

RT: 7.503 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

Instrument :

MSVOA_Y

ClientSampleId :

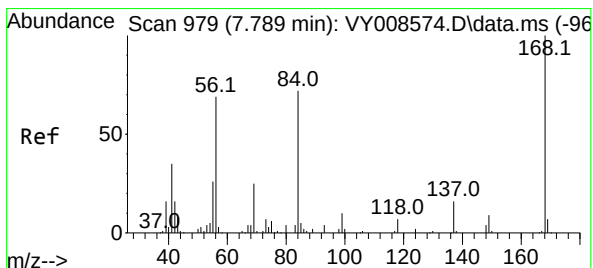
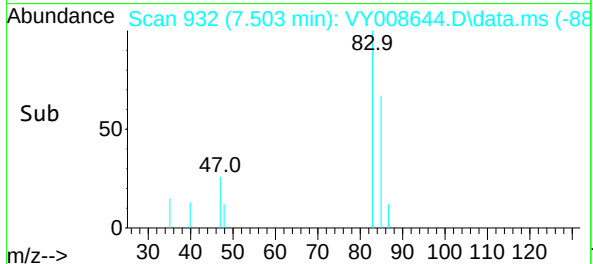
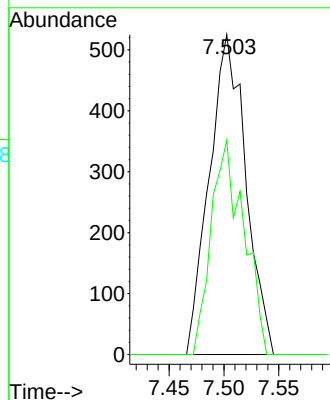
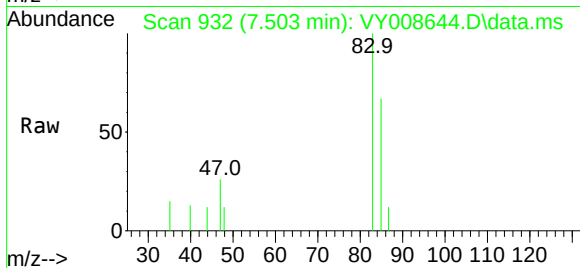
SB-4,16

Tgt Ion: 83 Resp: 1215

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.6



#31

Cyclohexane

Concen: 1.400 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

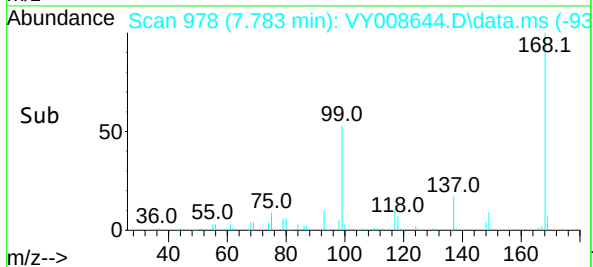
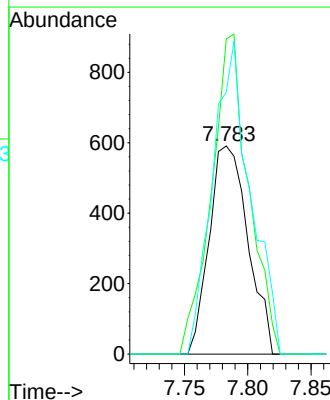
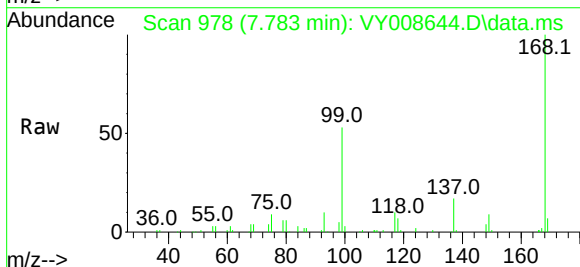
Tgt Ion: 56 Resp: 1257

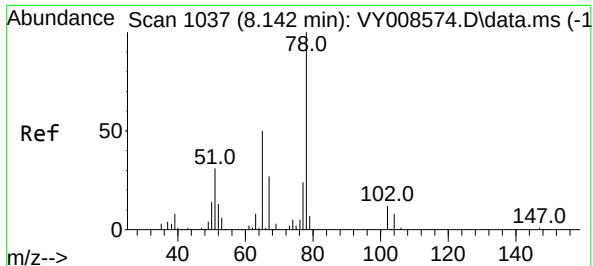
Ion Ratio Lower Upper

56 100

69 151.4 26.7 40.1#

84 125.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 71.515 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

Instrument :

MSVOA_Y

ClientSampleId :

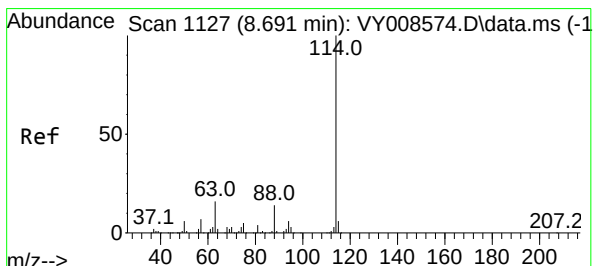
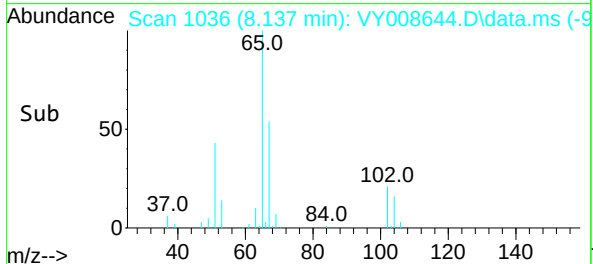
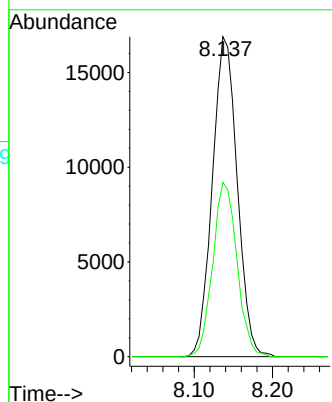
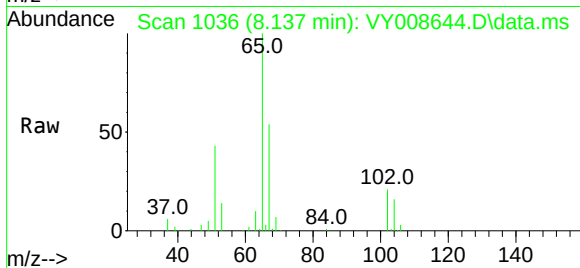
SB-4,16

Tgt Ion: 65 Resp: 37201

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. -0.006 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

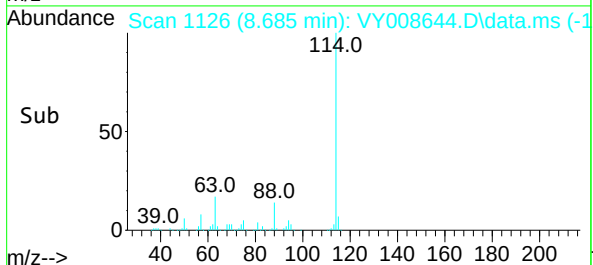
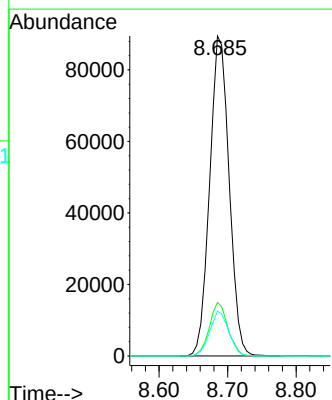
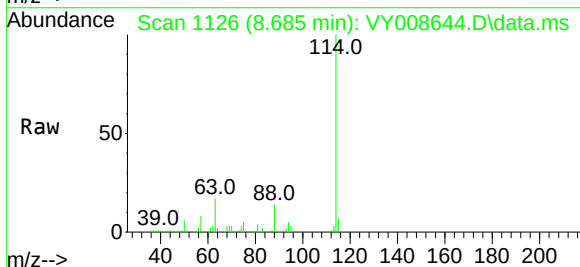
Tgt Ion: 114 Resp: 176253

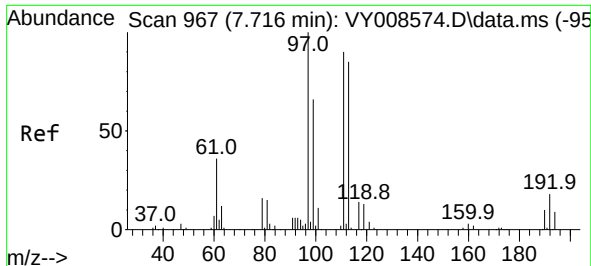
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.0 0.0 31.8

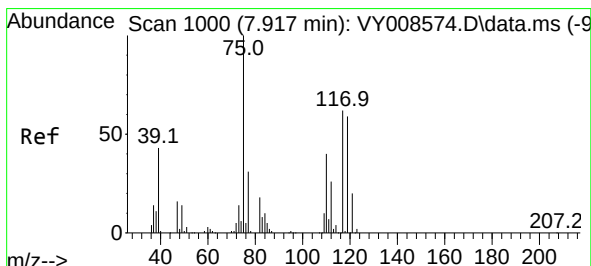
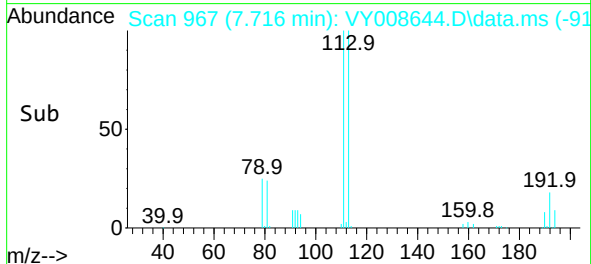
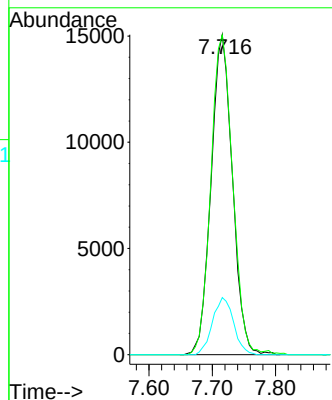
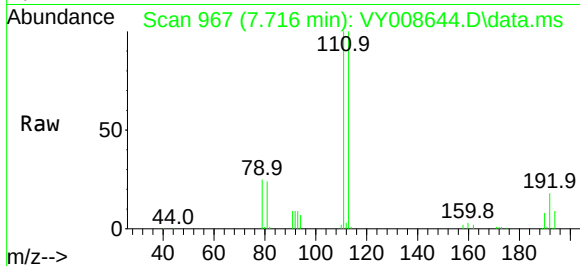




#35
Dibromofluoromethane
Concen: 30.249 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

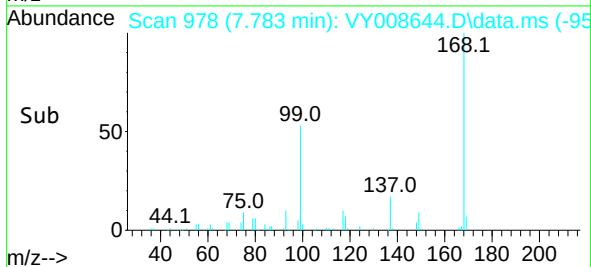
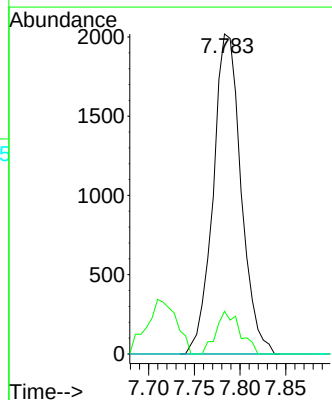
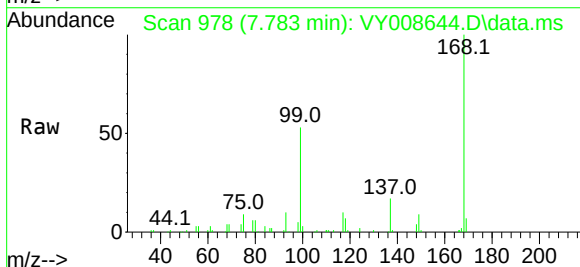
Instrument :
MSVOA_Y
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SB-4,16

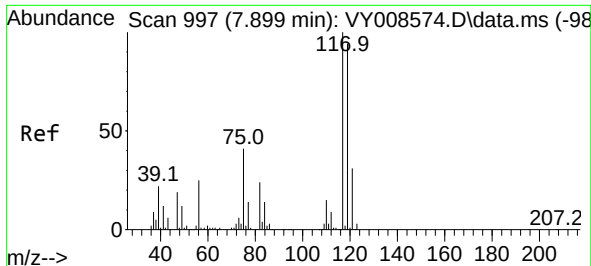
Tgt Ion:113 Resp: 35278
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.369 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 75 Resp: 4296
Ion Ratio Lower Upper
75 100
110 11.4 17.1 51.2#
77 0.0 24.4 36.6#

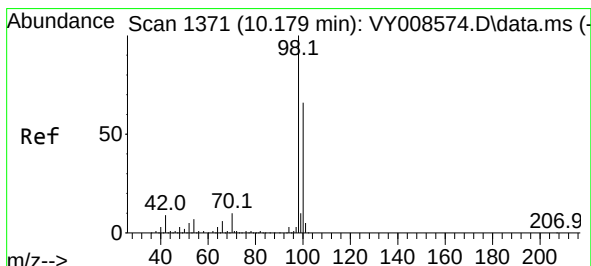
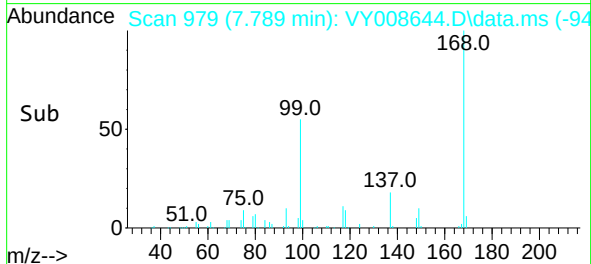
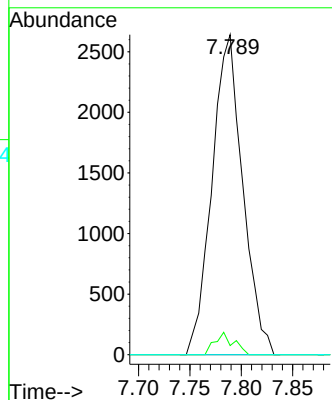
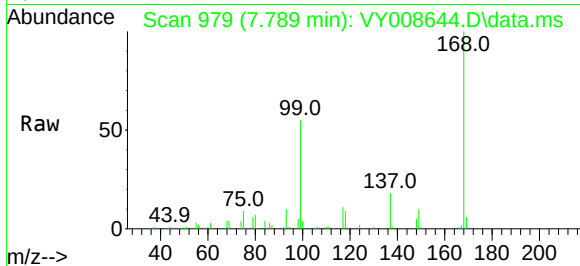




#38
Carbon Tetrachloride
Concen: 2.657 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

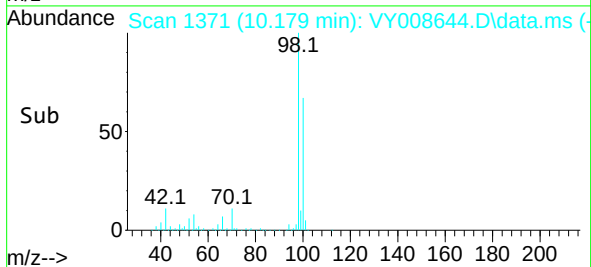
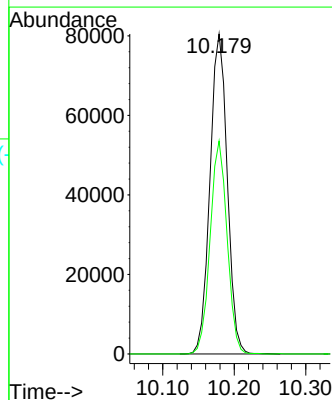
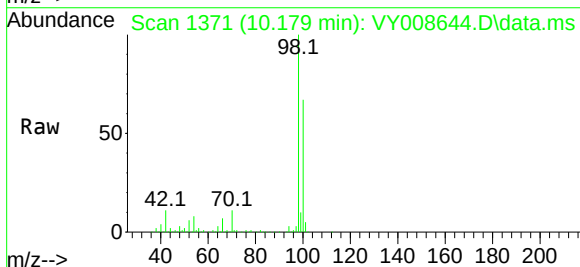
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ClientSampleId :
SB-4,16

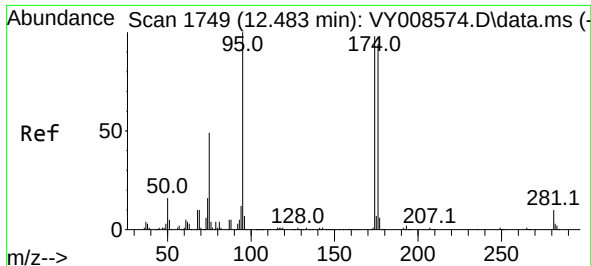
Tgt Ion:117 Resp: 5498
Ion Ratio Lower Upper
117 100
119 2.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 32.701 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion: 98 Resp: 135115
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 36.248 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008644.D

Acq: 05 May 2022 04:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-4,16

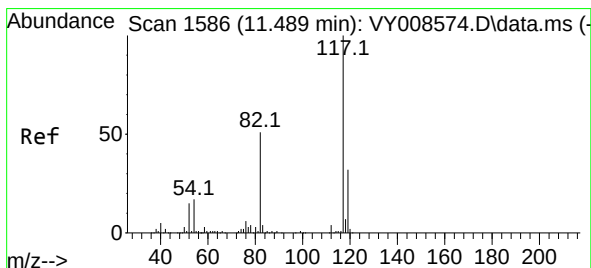
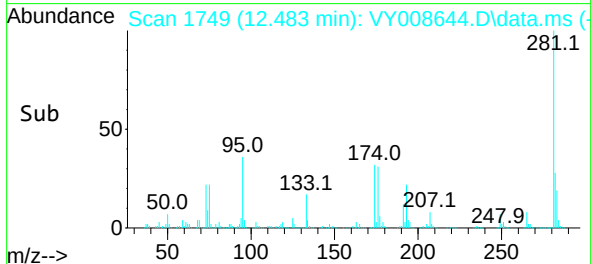
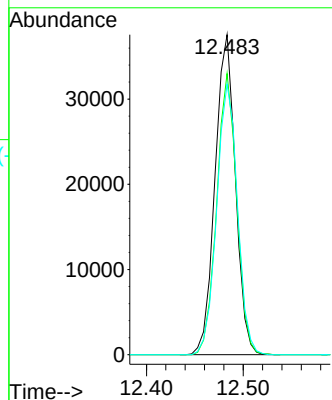
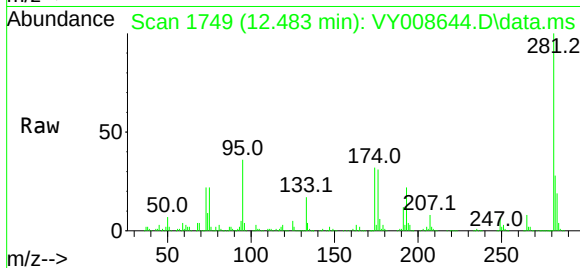
Tgt Ion: 95 Resp: 54895

Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 86.2 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: VY008644.D

Acq: 05 May 2022 04:48

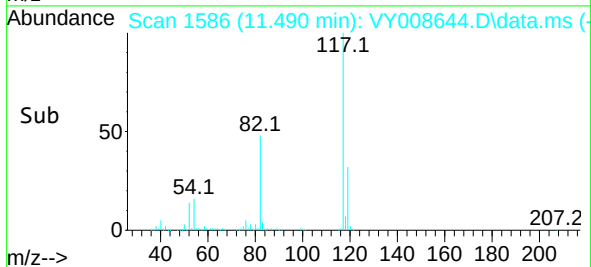
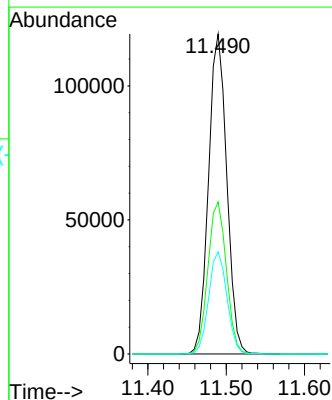
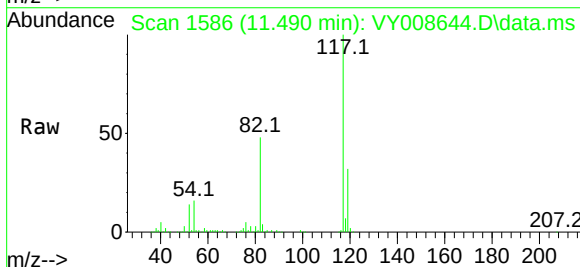
Tgt Ion: 117 Resp: 192672

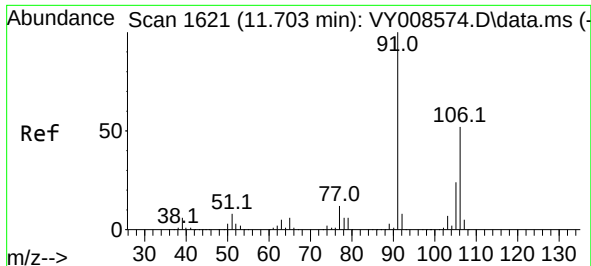
Ion Ratio Lower Upper

117 100

82 47.5 43.0 64.4

119 31.9 25.4 38.0

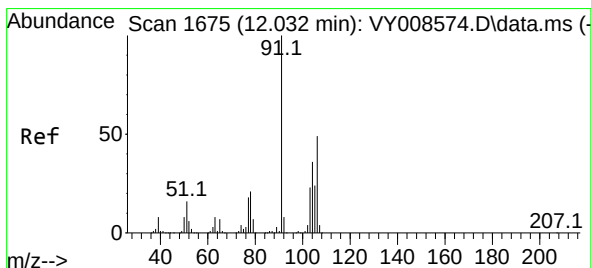
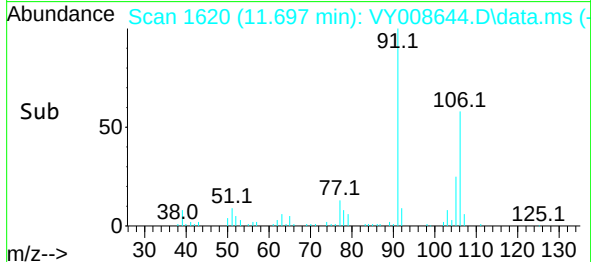
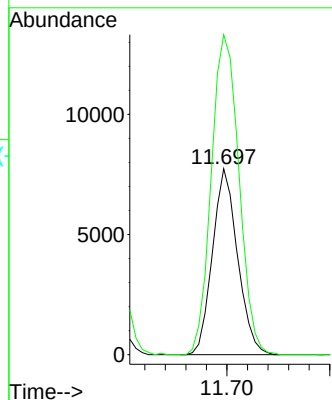
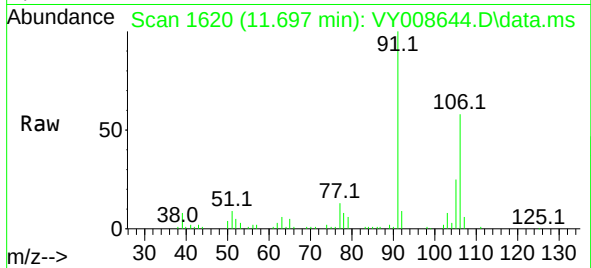




#68
m/p-Xylenes
Concen: 4.112 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

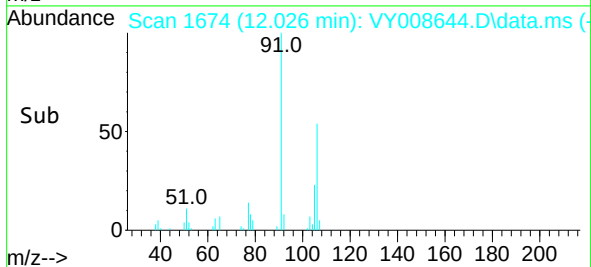
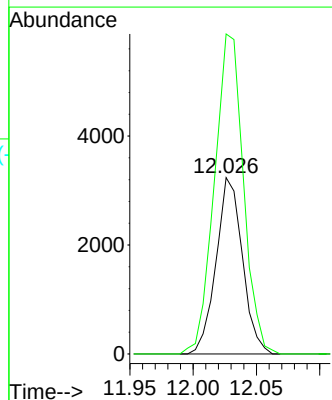
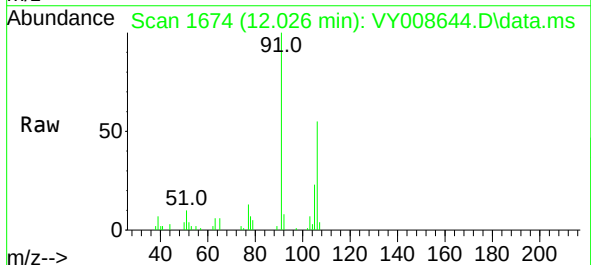
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,16

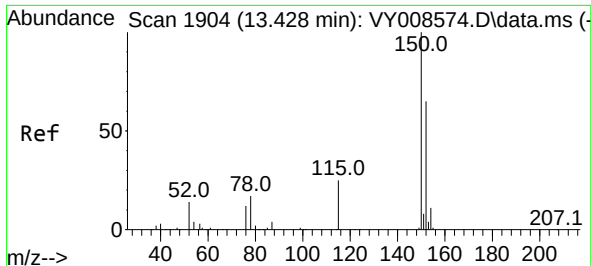
Tgt Ion:106 Resp: 13117
Ion Ratio Lower Upper
106 100
91 189.4 166.6 249.8



#69
o-Xylene
Concen: 1.531 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008644.D
Acq: 05 May 2022 04:48

Tgt Ion:106 Resp: 4679
Ion Ratio Lower Upper
106 100
91 199.7 110.3 331.0

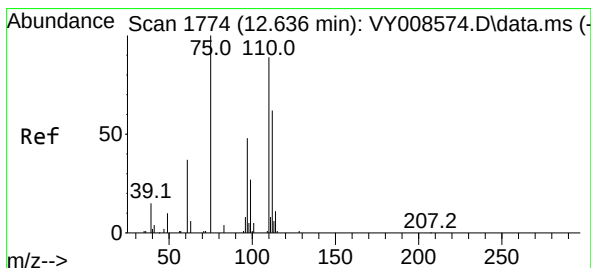
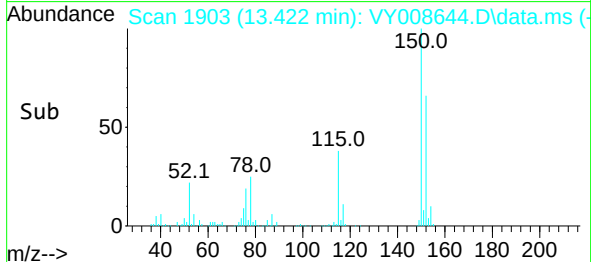
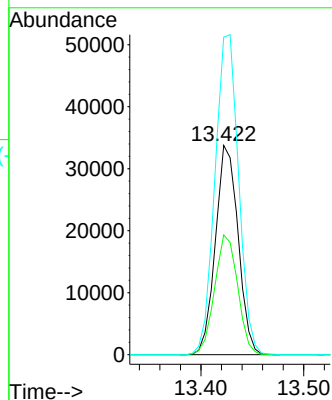
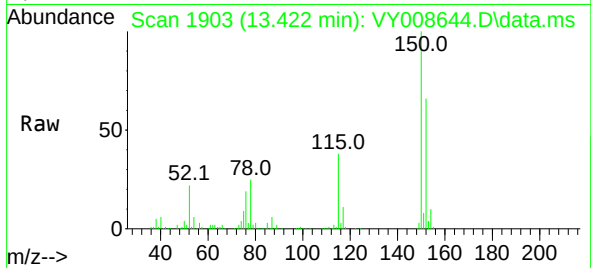




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008644.D
 Acq: 05 May 2022 04:48

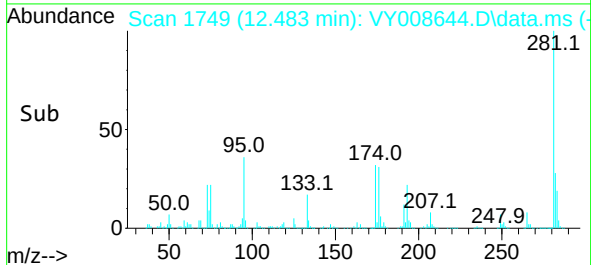
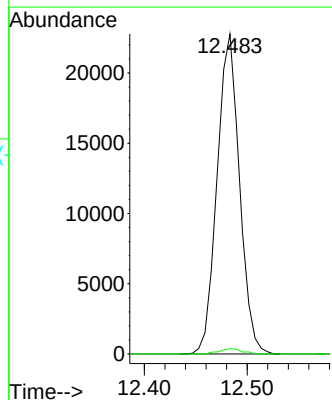
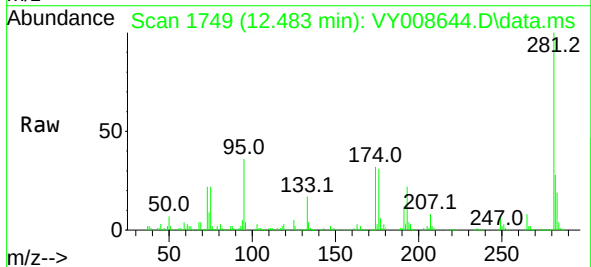
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4,16

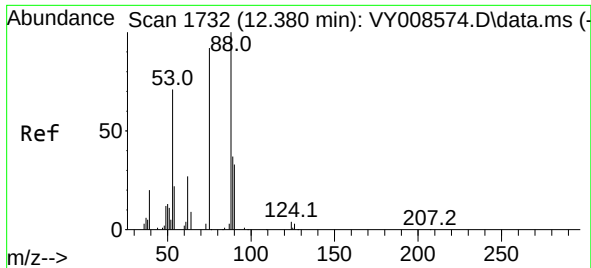
Tgt Ion:152 Resp: 51671
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 62.428 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008644.D
 Acq: 05 May 2022 04:48

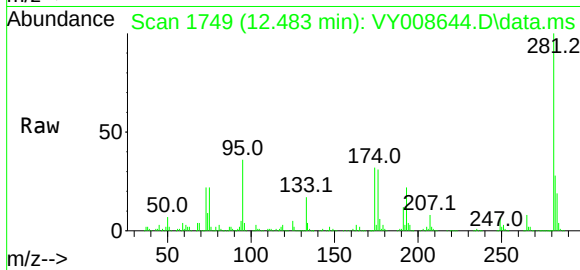
Tgt Ion: 75 Resp: 34434
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.568 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008644.D
 Acq: 05 May 2022 04:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4,16



Tgt Ion: 75 Resp: 34434
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.8 37.0 55.4#

