

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008645.D
 Acq On : 05 May 2022 05:11
 Operator : KP/MD
 Sample : N2665-08
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11.8

Quant Time: May 05 06:53:27 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)

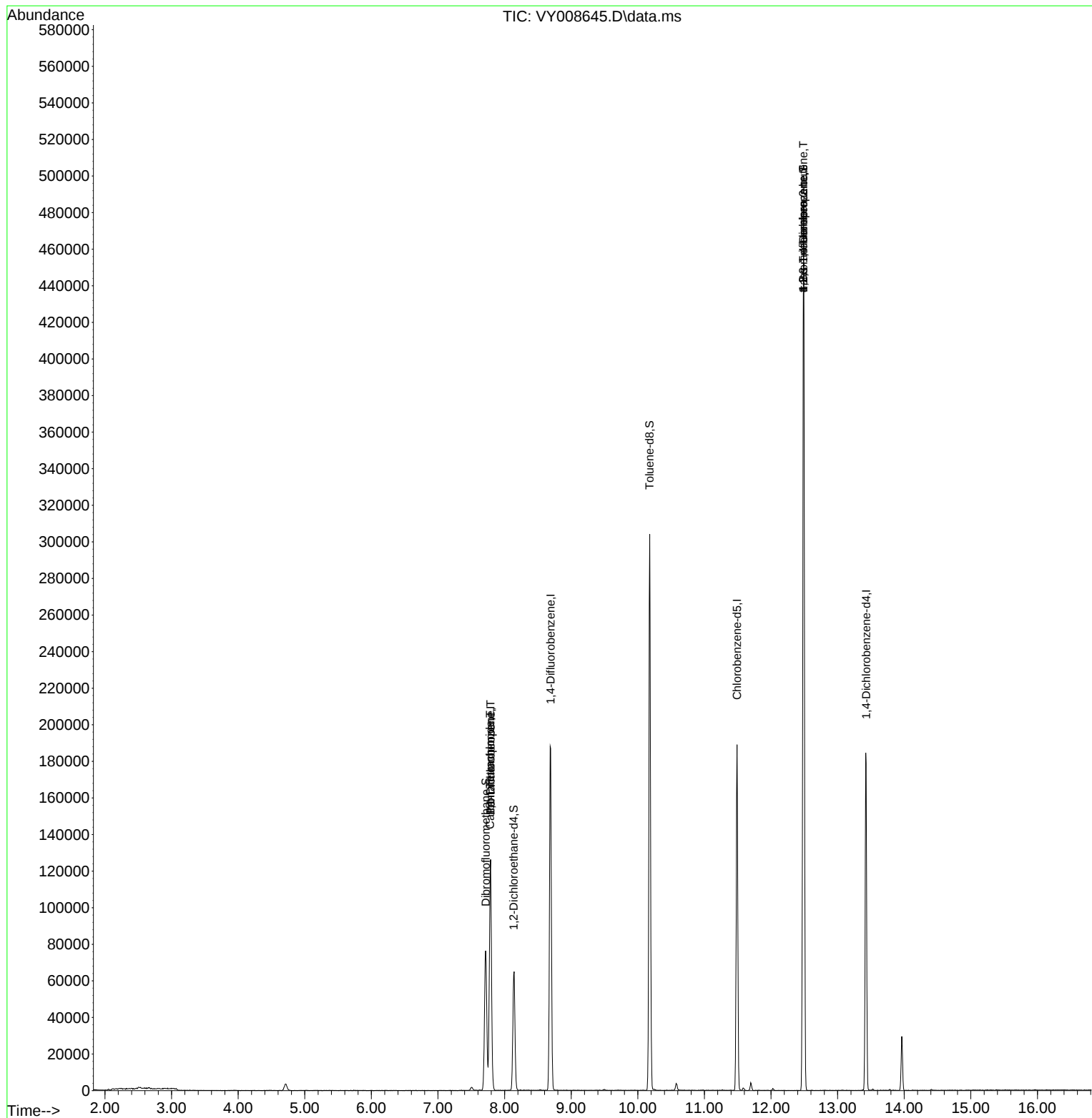
Internal Standards						
1) Pentafluorobenzene	7.789	168	105761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	176954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50231	48.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.716	113	55079	47.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.080%
50) Toluene-d8	10.179	98	203897	49.152	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.483	95	45542	29.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	144	Below Cal	#	63
18) Methyl Acetate	4.472	43	233	Below Cal	#	56
20) Methylene Chloride	4.716	84	2708	Below Cal		90
36) 1,1-Dichloropropene	7.789	75	6404	3.517	ug/l #	52
38) Carbon Tetrachloride	7.783	117	9915	4.773	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	28606	58.748	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28606	119.106	ug/l #	9

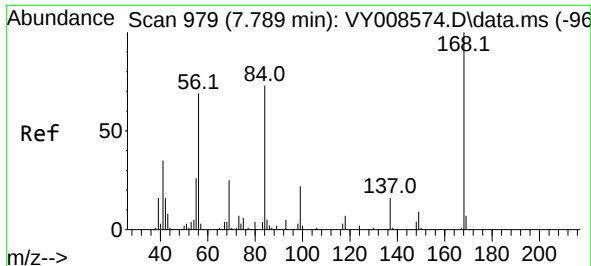
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11,8

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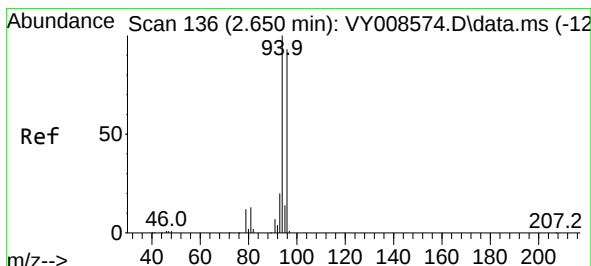
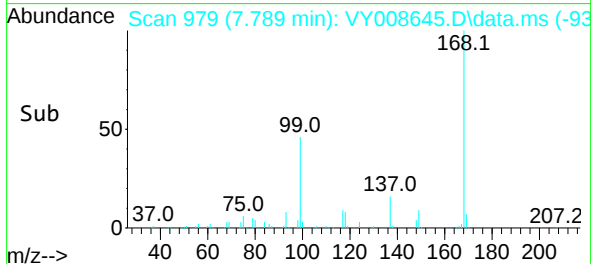
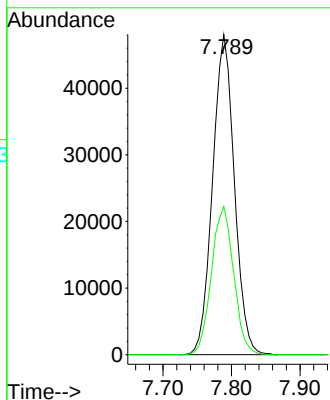
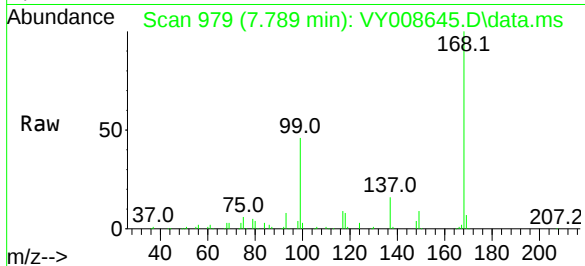




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

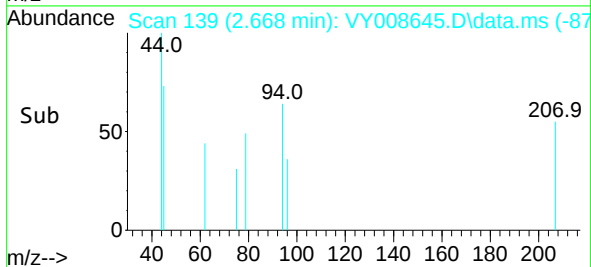
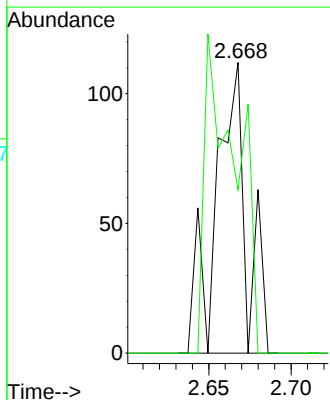
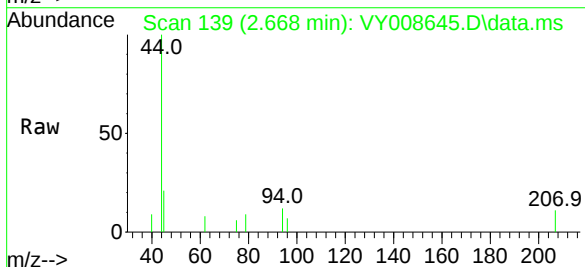
Instrument :
MSVOA_Y
ClientSampleId :
SB-11.8

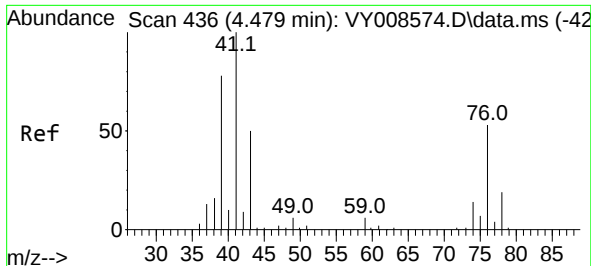
Tgt Ion:168 Resp: 105761
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 56.3 73.5 110.3#

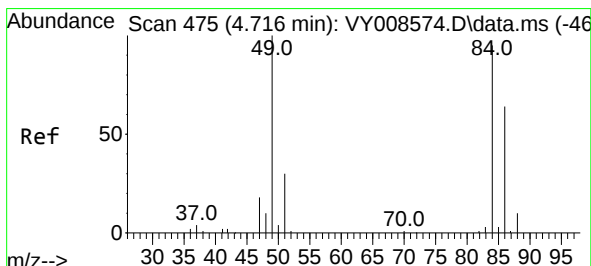
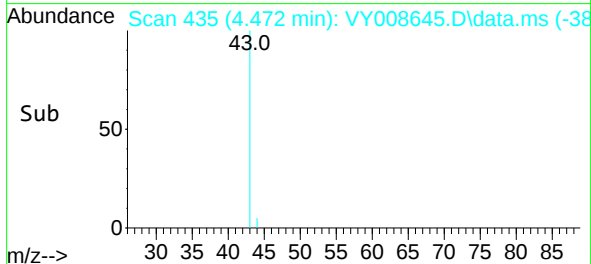
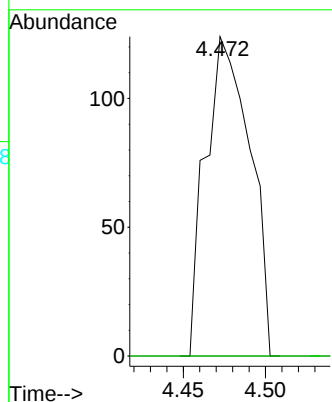
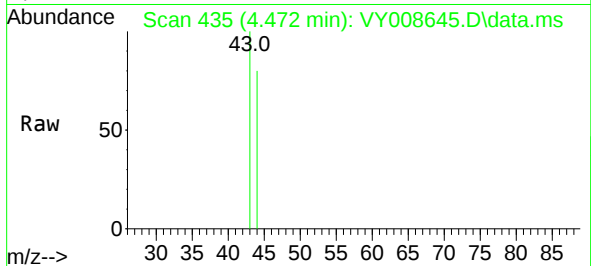




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

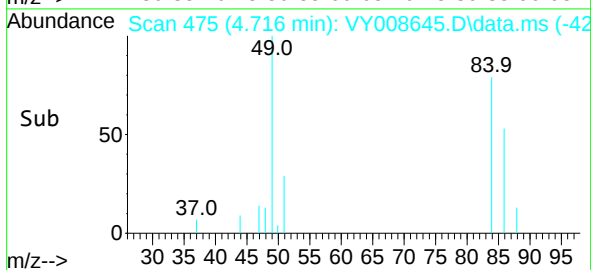
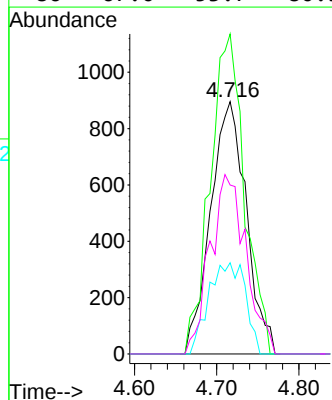
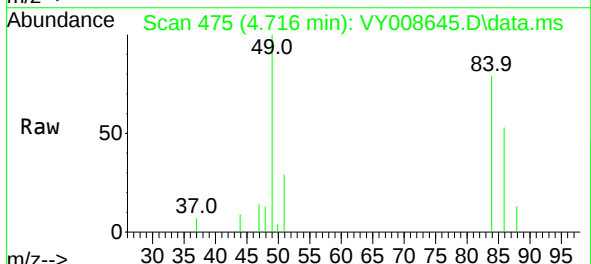
Instrument :
MSVOA_Y
ClientSampleId :
SB-11.8

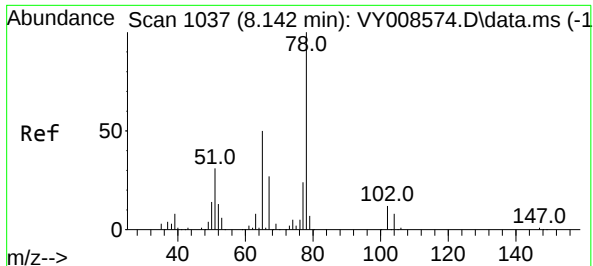
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

Tgt Ion: 84 Resp: 2708
Ion Ratio Lower Upper
84 100
49 126.8 114.4 171.6
51 36.2 35.3 52.9
86 67.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 48.867 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008645.D

Acq: 05 May 2022 05:11

Instrument :

MSVOA_Y

ClientSampleId :

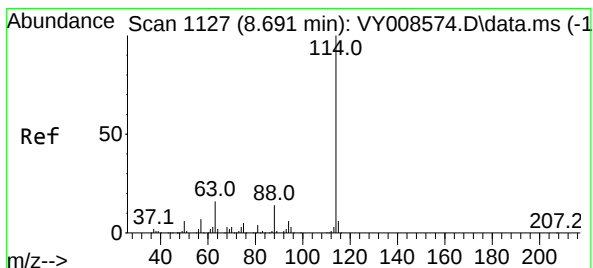
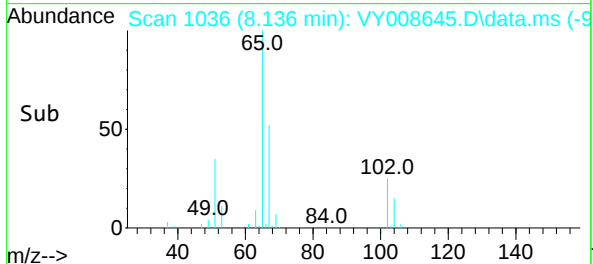
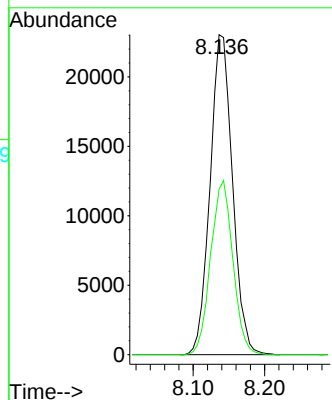
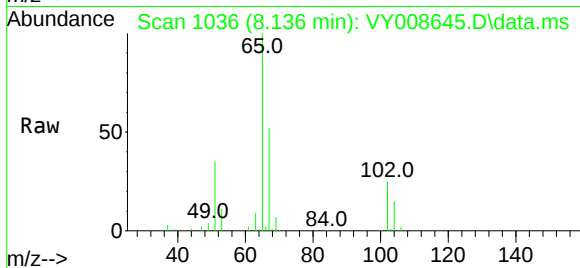
SB-11.8

Tgt Ion: 65 Resp: 50231

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008645.D

Acq: 05 May 2022 05:11

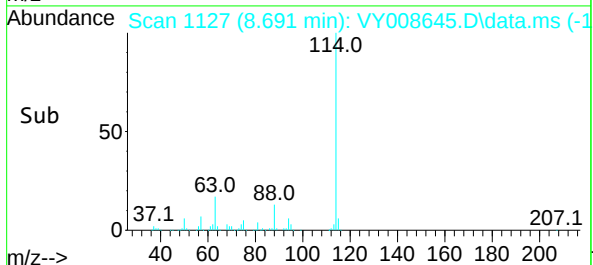
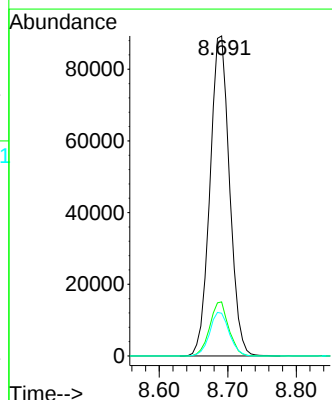
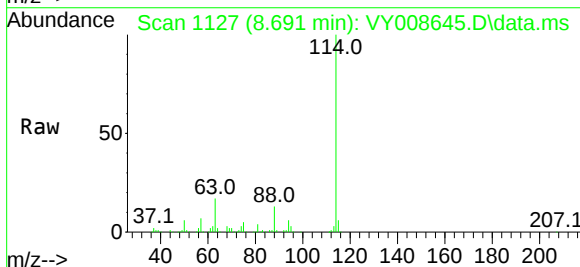
Tgt Ion: 114 Resp: 176954

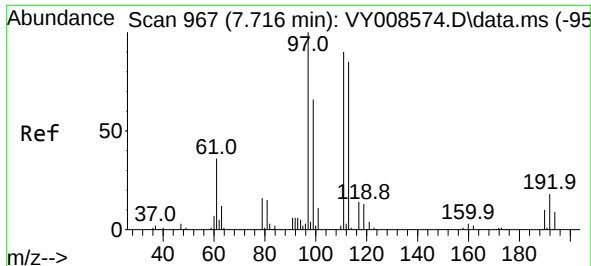
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.4 0.0 31.8

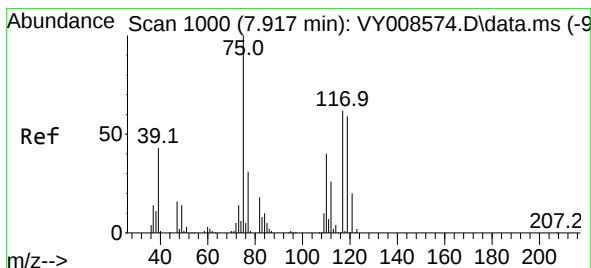
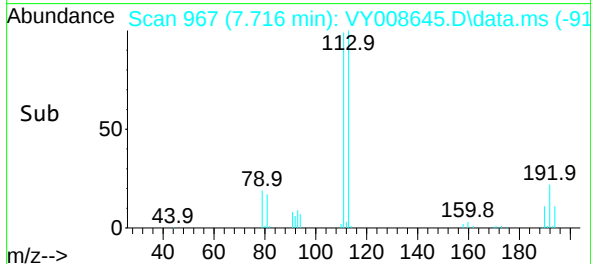
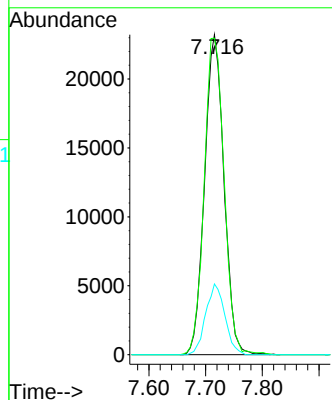
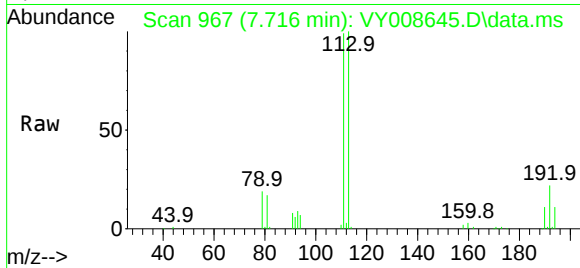




#35
 Dibromofluoromethane
 Concen: 47.040 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VY008645.D
 Acq: 05 May 2022 05:11

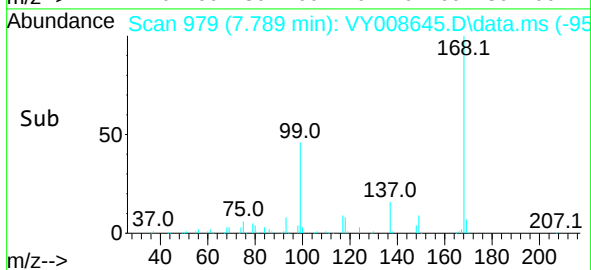
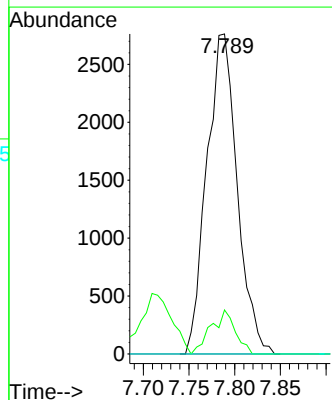
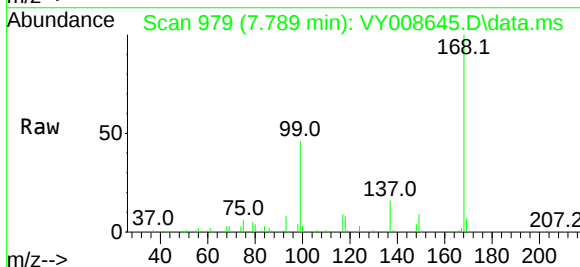
Instrument :
 MSVOA_Y
 ClientSampleId :
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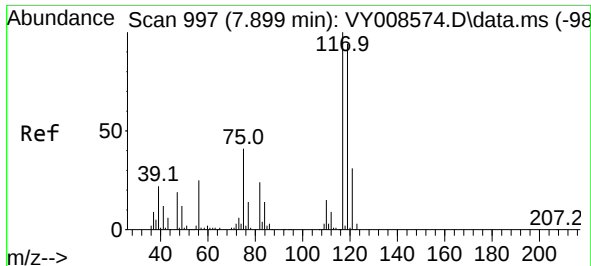
Tgt Ion:113 Resp: 55079
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 124.0
 192 21.9 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 3.517 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008645.D
 Acq: 05 May 2022 05:11

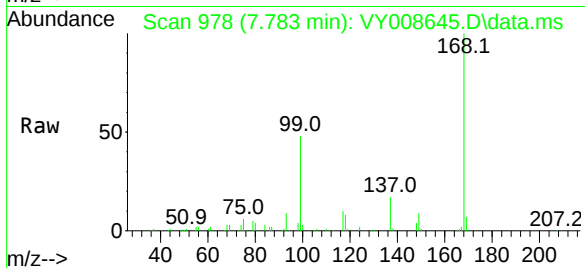
Tgt Ion: 75 Resp: 6404
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.1 51.2#
 77 0.0 24.4 36.6#



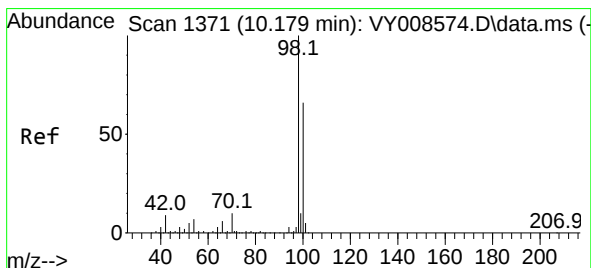
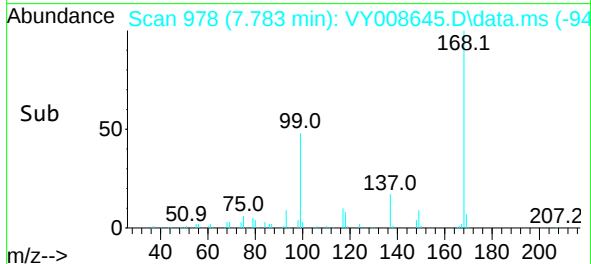
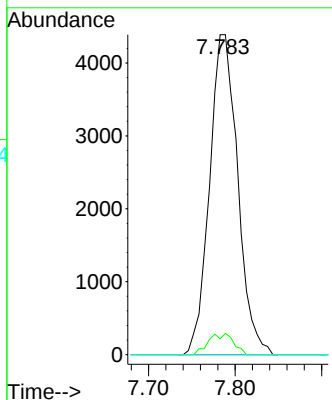


#38
Carbon Tetrachloride
Concen: 4.773 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-11.8

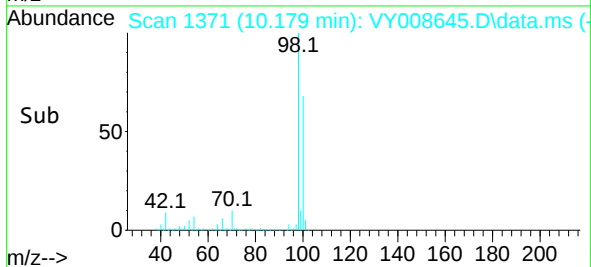
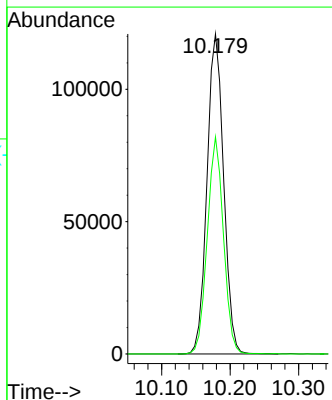
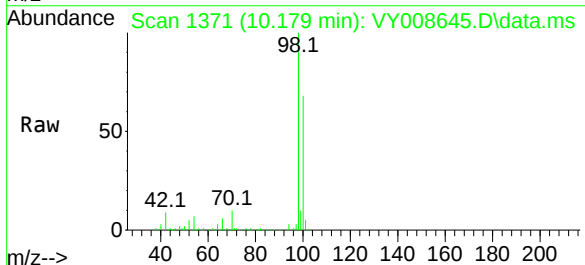


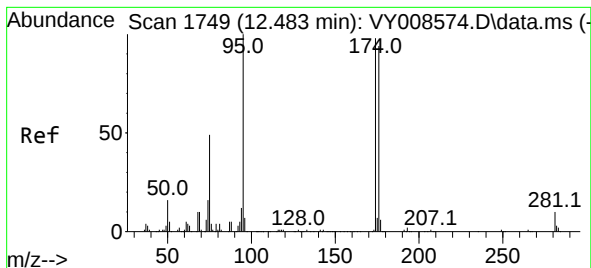
Tgt Ion:117 Resp: 9915
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.152 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

Tgt Ion: 98 Resp: 203897
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

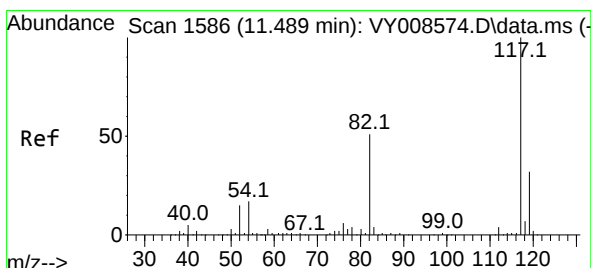
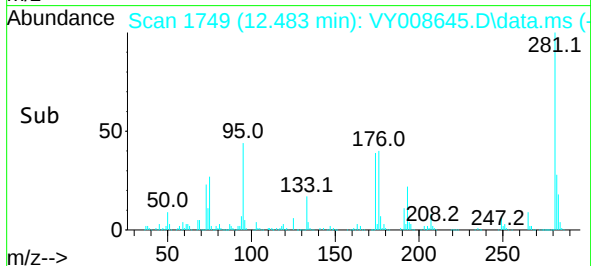
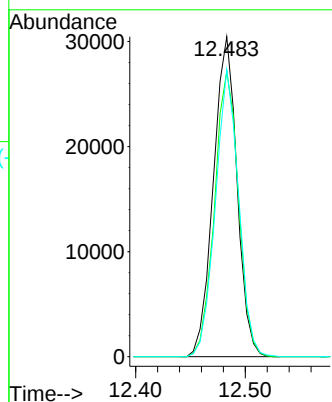
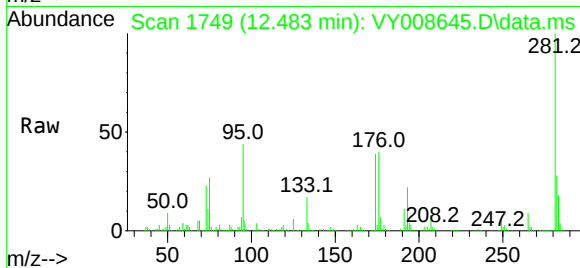




#62
4-Bromofluorobenzene
Concen: 29.953 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

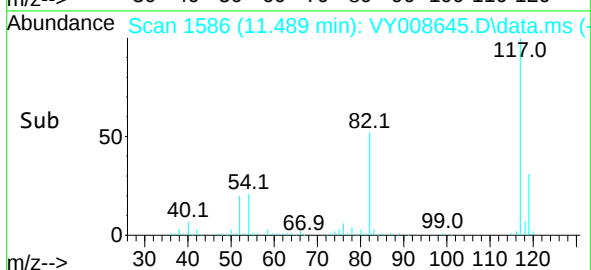
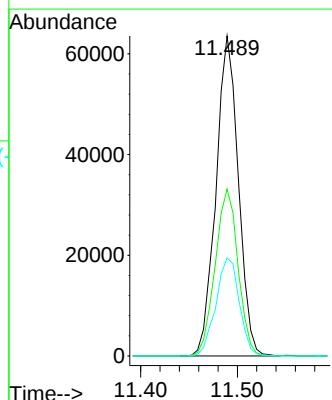
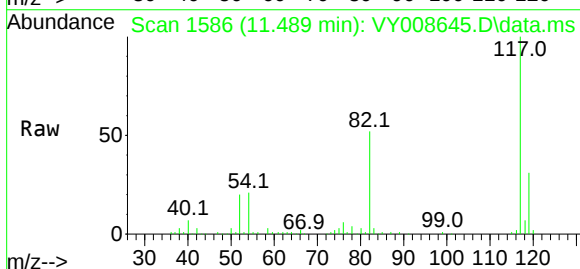
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ClientSampleId :
SB-11.8

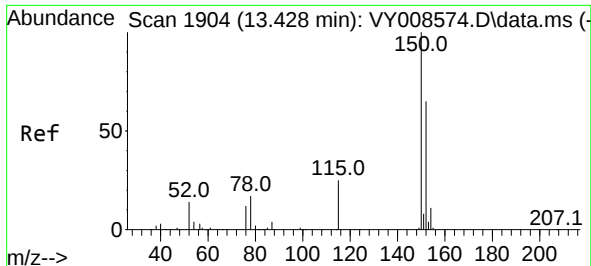
Tgt Ion: 95 Resp: 45542
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008645.D
Acq: 05 May 2022 05:11

Tgt Ion: 117 Resp: 102047
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 30.6 25.4 38.0

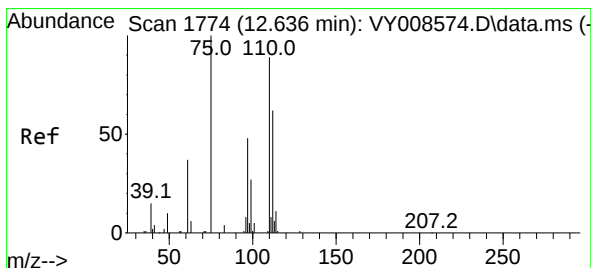
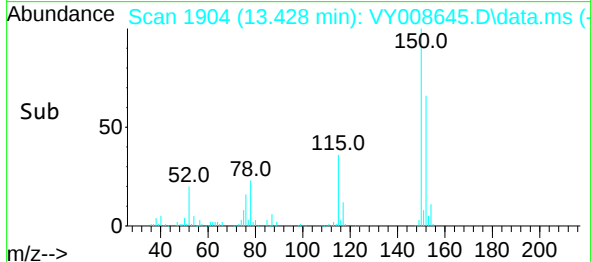
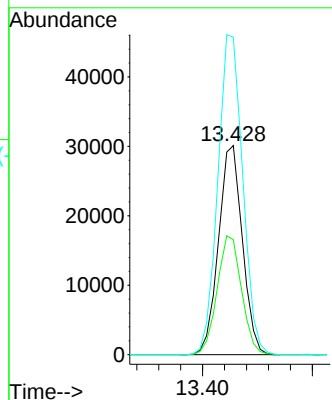
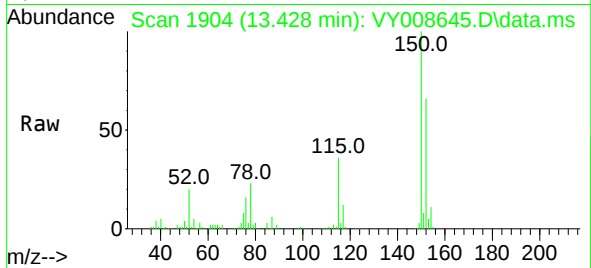




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008645.D
 Acq: 05 May 2022 05:11

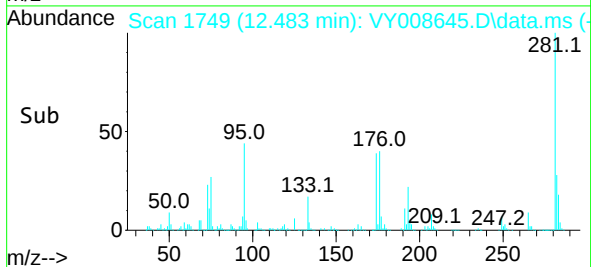
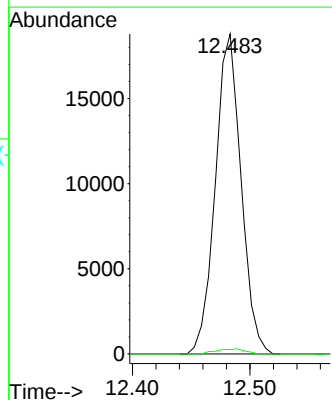
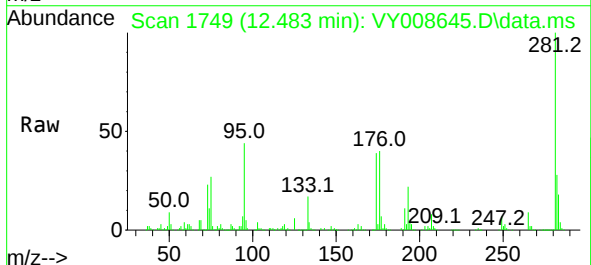
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11.8

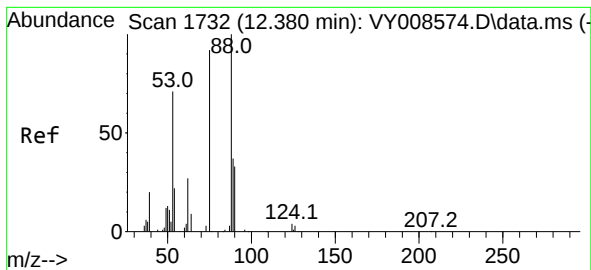
Tgt Ion:152 Resp: 45615
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 159.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.748 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008645.D
 Acq: 05 May 2022 05:11

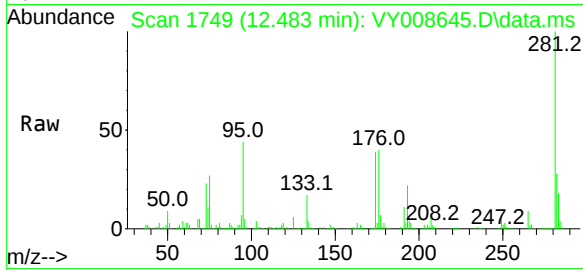
Tgt Ion: 75 Resp: 28606
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.106 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008645.D
 Acq: 05 May 2022 05:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11.8



Tgt Ion: 75 Resp: 28606
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.0 37.0 55.4#

