

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008639.D
 Acq On : 05 May 2022 02:51
 Operator : KP/MD
 Sample : N2665-02
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12,15

Quant Time: May 05 04:43:35 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)

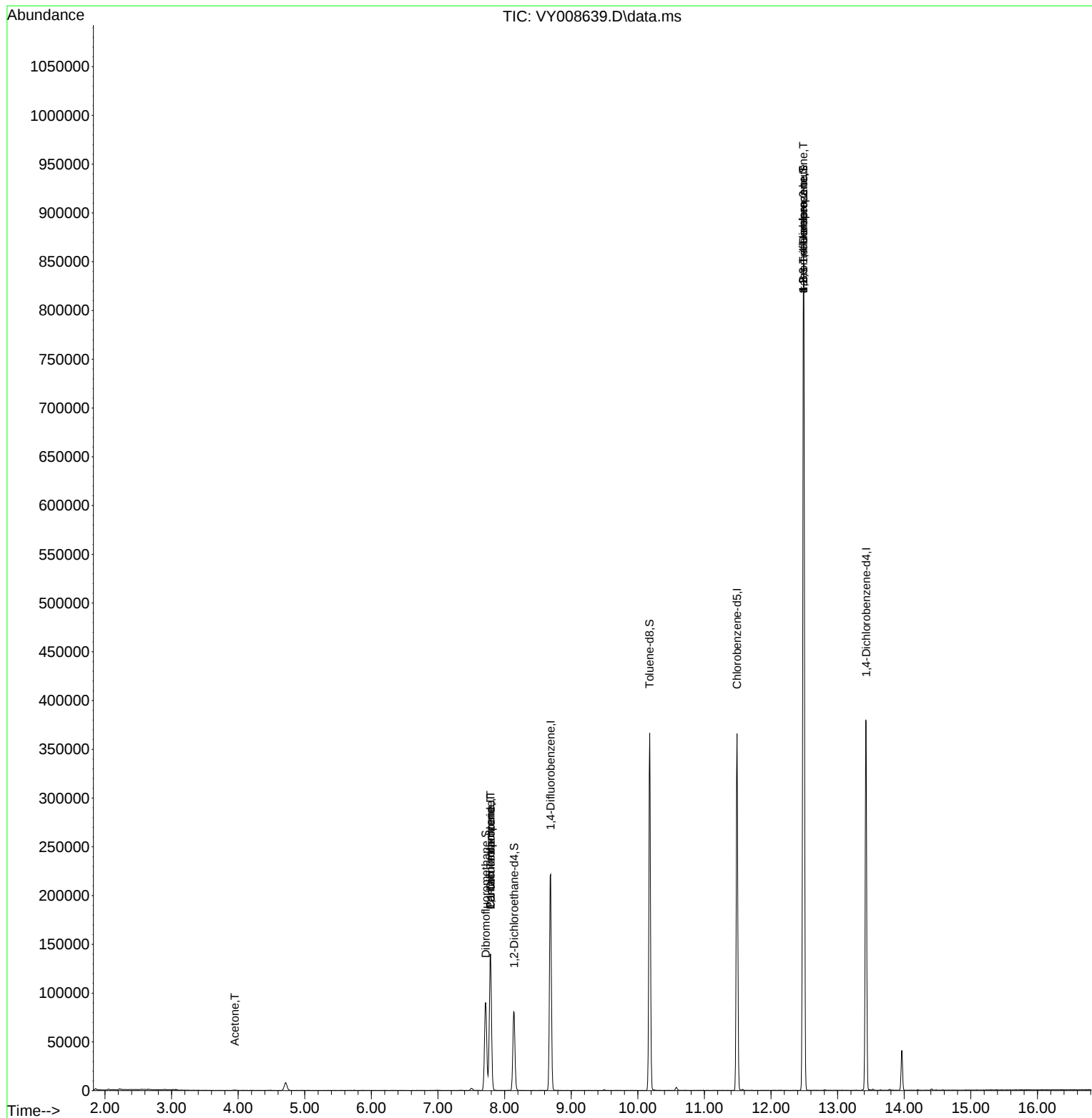
Internal Standards						
1) Pentafluorobenzene	7.789	168	119490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	207555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62271	53.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.716	113	65716	47.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.700%	
50) Toluene-d8	10.179	98	247760	50.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.483	95	93525	52.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.880%	
Target Compounds						
						Qvalue
5) Bromomethane	2.662	94	212	Below Cal	#	74
11) Tert butyl alcohol	4.942	59	92	Below Cal	#	77
16) Acetone	3.948	43	880	3.517	ug/l #	78
18) Methyl Acetate	4.479	43	586	Below Cal	#	56
20) Methylene Chloride	4.716	84	6475	Below Cal	#	68
36) 1,1-Dichloropropene	7.789	75	7565	3.542	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10900	4.474	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	48957	42.897	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48957	86.970	ug/l #	9

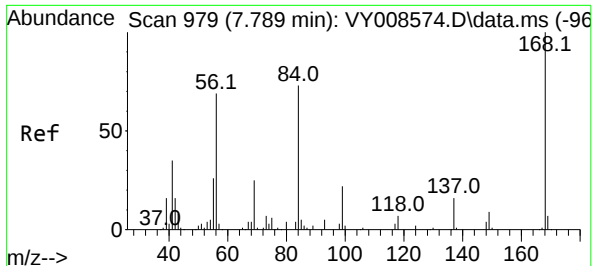
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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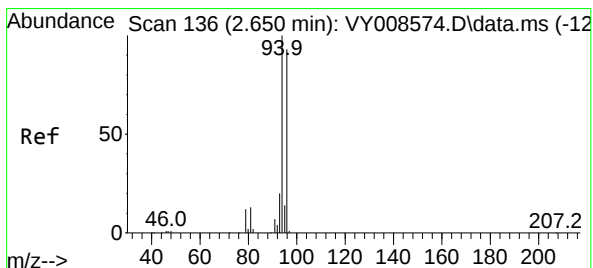
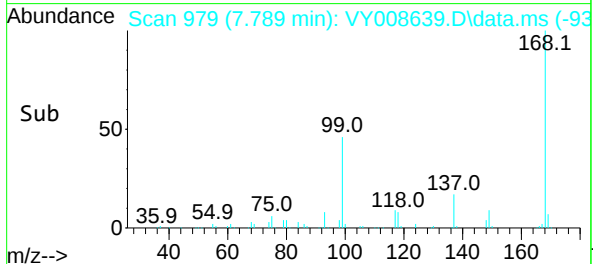
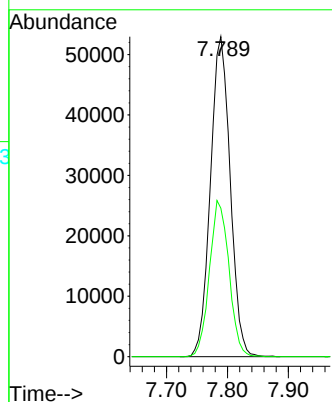
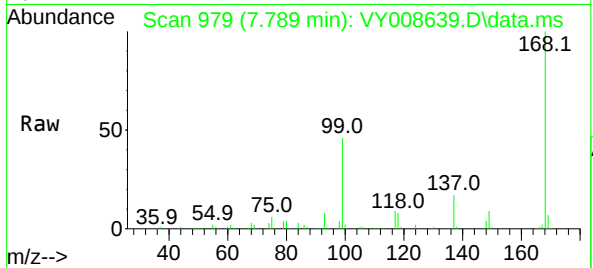




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

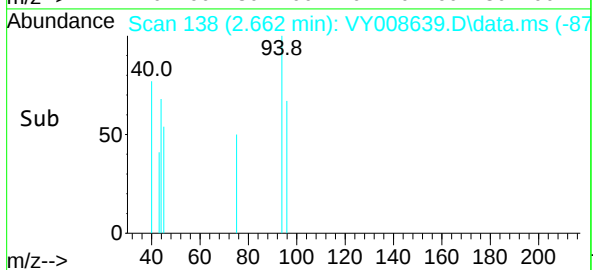
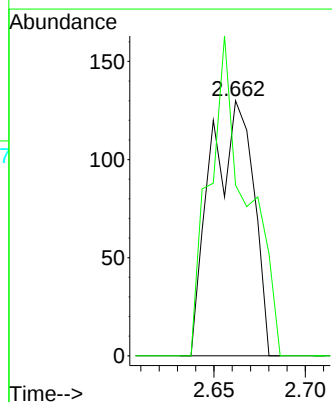
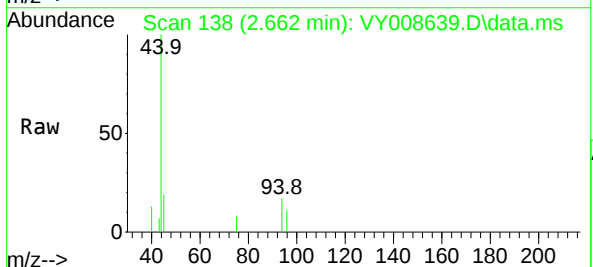
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,15

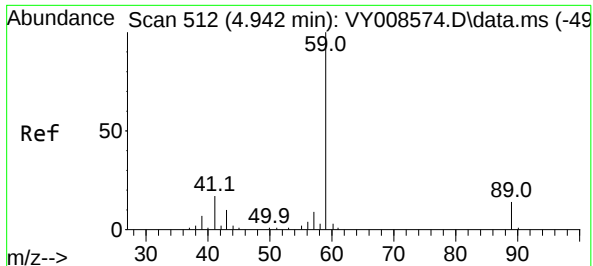
Tgt Ion:168 Resp: 119490
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 66.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008639.D

Acq: 05 May 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

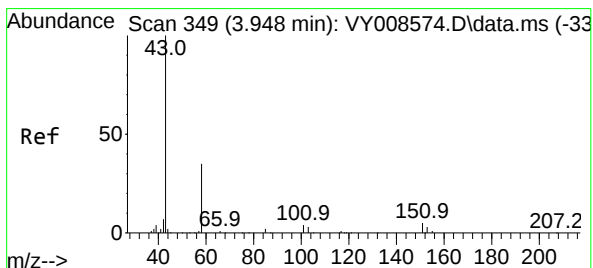
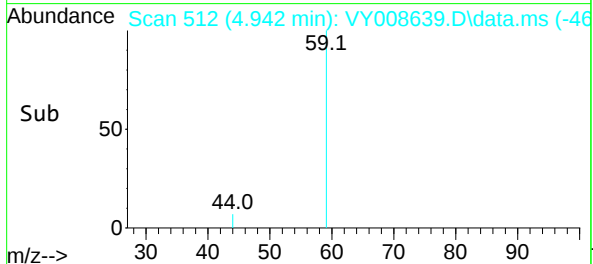
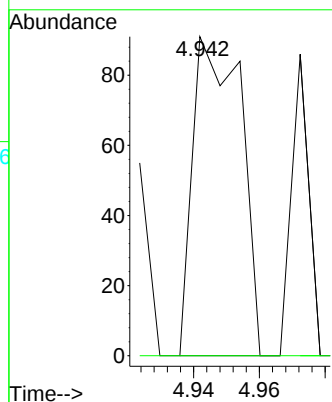
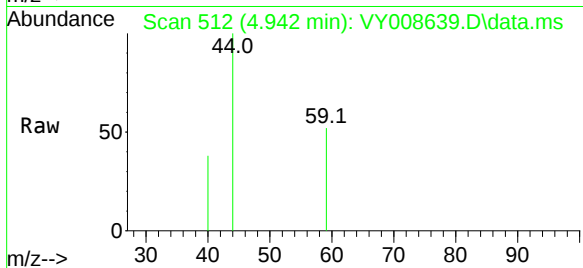
SB-12,15

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.517 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008639.D

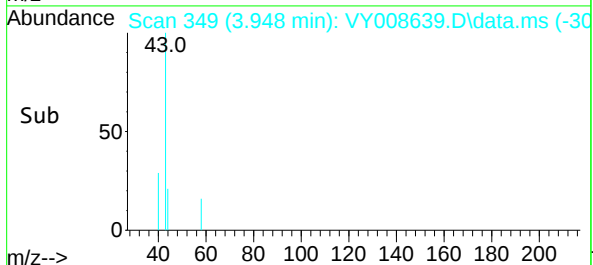
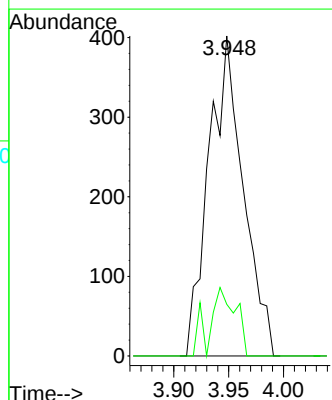
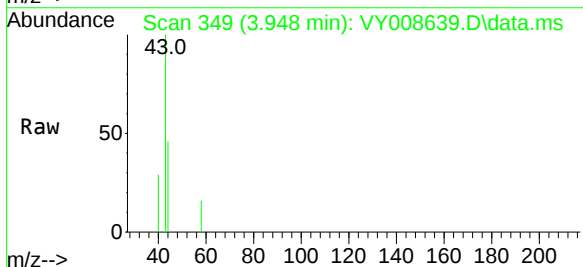
Acq: 05 May 2022 02:51

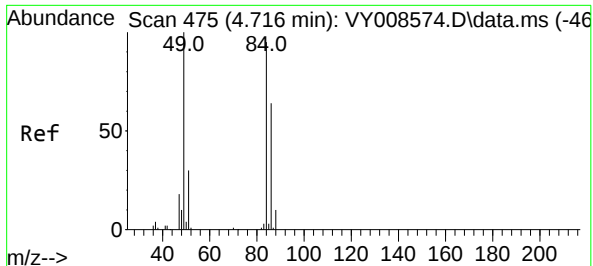
Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 16.2 22.0 33.0#

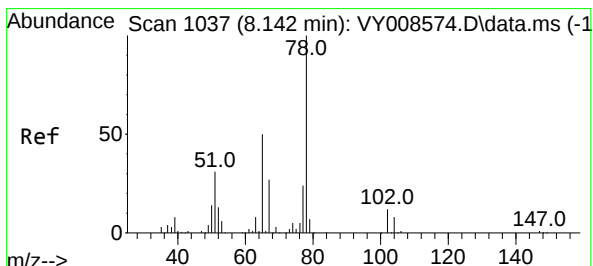
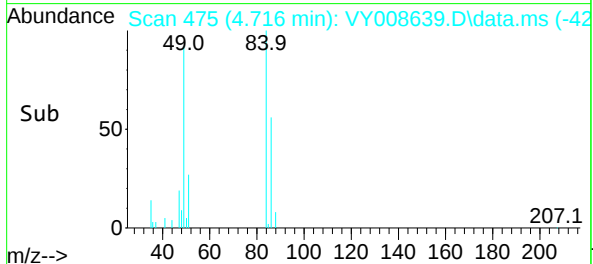
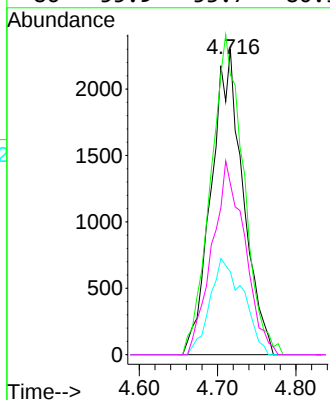
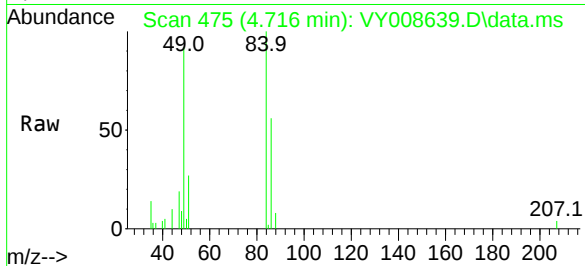




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

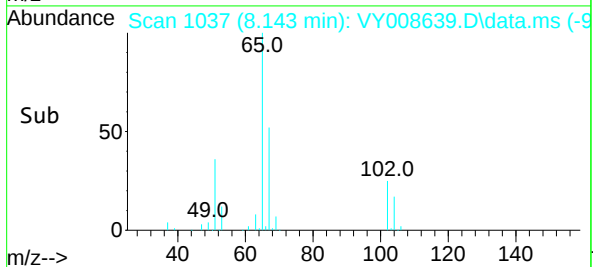
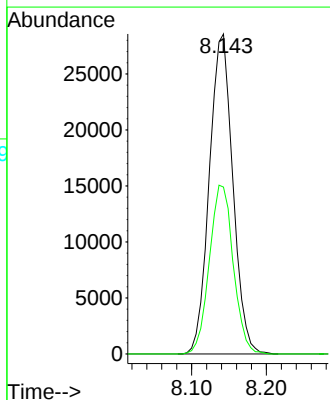
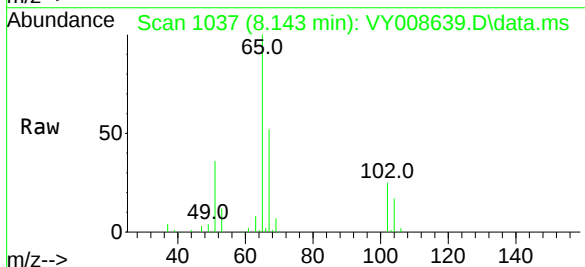
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,15

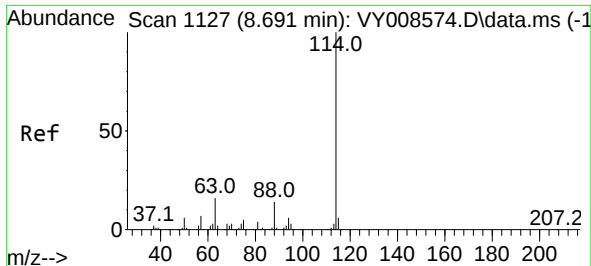
Tgt Ion: 84 Resp: 6475
Ion Ratio Lower Upper
84 100
49 91.6 114.4 171.6#
51 27.1 35.3 52.9#
86 55.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 65 Resp: 62271
Ion Ratio Lower Upper
65 100
67 53.7 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: VY008639.D

Acq: 05 May 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,15

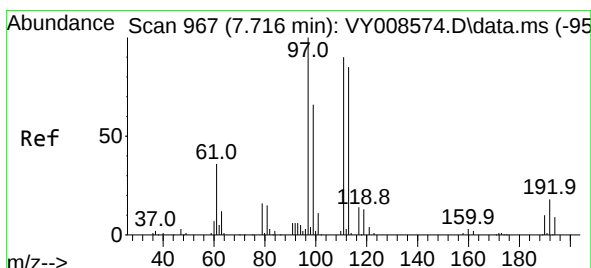
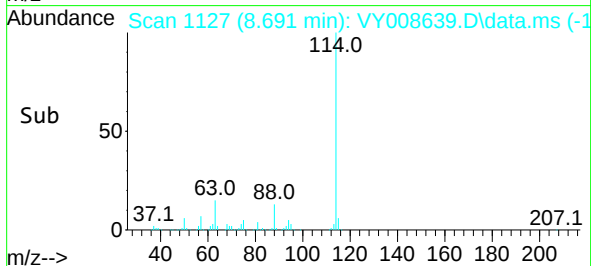
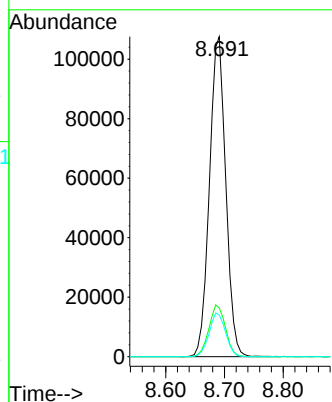
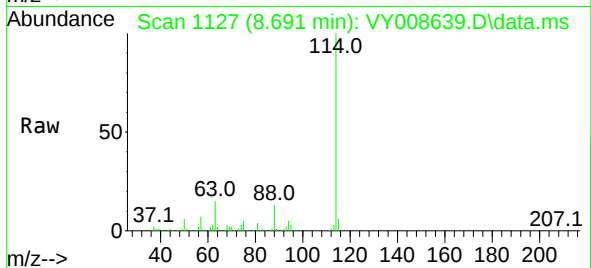
Tgt Ion:114 Resp: 207555

Ion Ratio Lower Upper

114 100

63 15.2 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.850 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008639.D

Acq: 05 May 2022 02:51

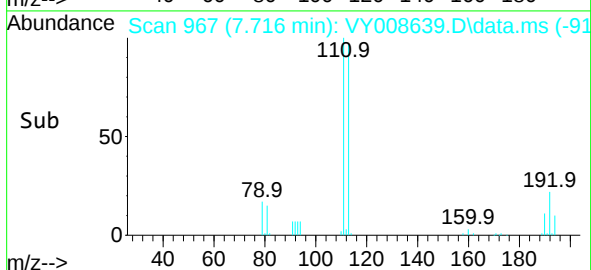
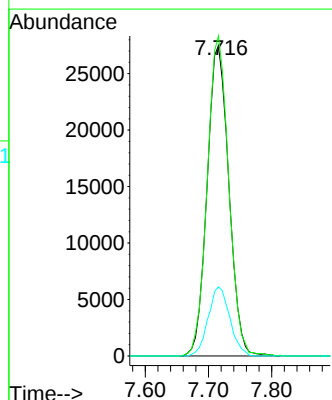
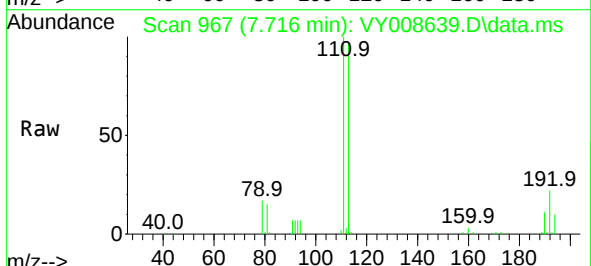
Tgt Ion:113 Resp: 65716

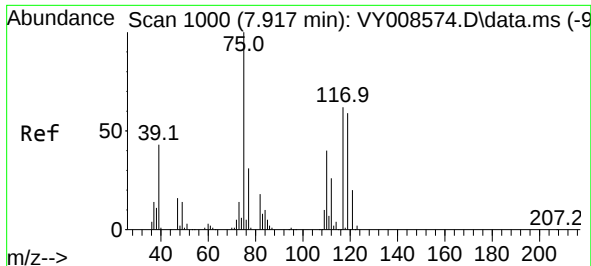
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 22.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.542 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008639.D

Acq: 05 May 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,15

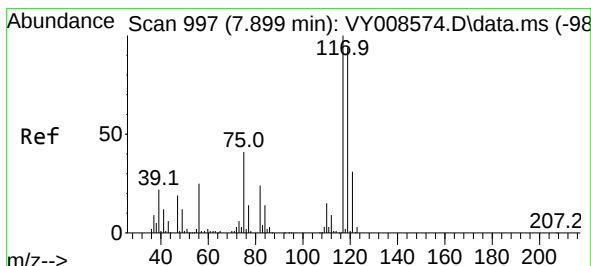
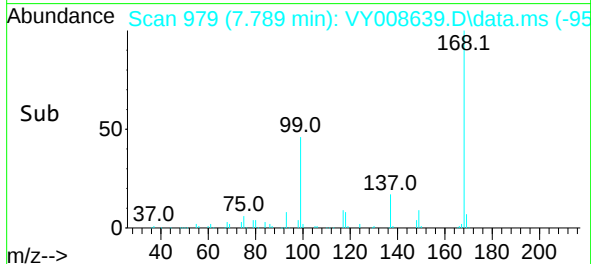
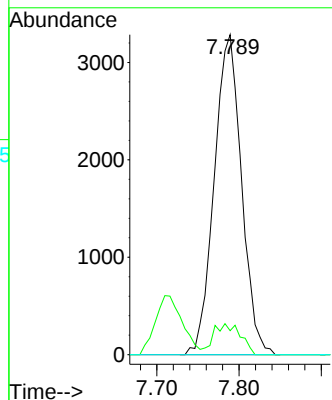
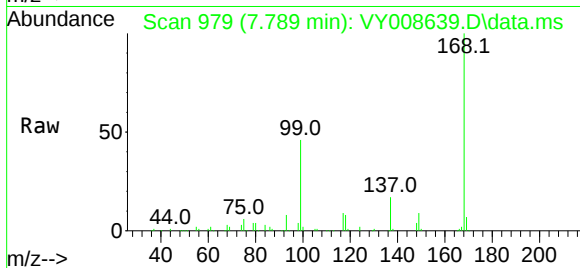
Tgt Ion: 75 Resp: 7565

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.474 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008639.D

Acq: 05 May 2022 02:51

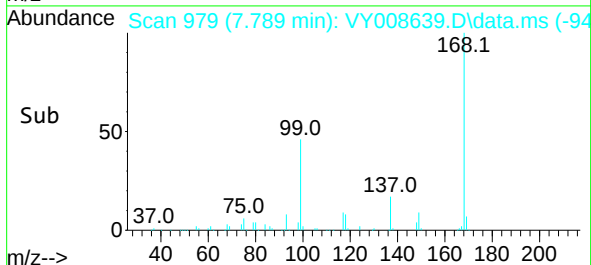
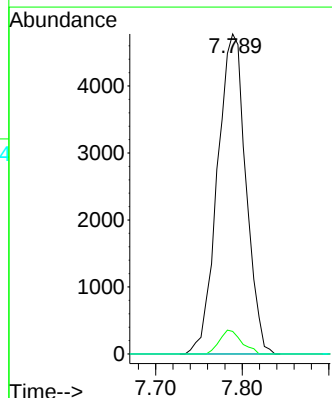
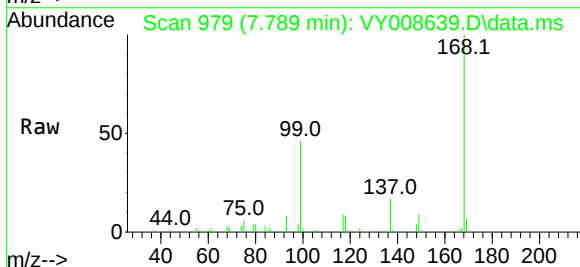
Tgt Ion: 117 Resp: 10900

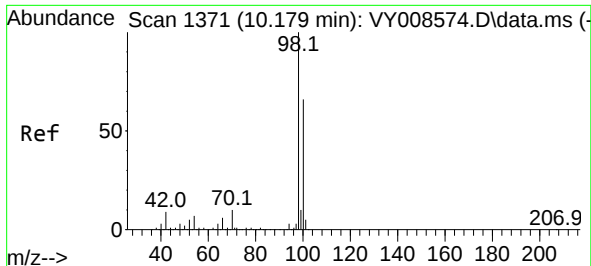
Ion Ratio Lower Upper

117 100

119 7.0 77.9 116.9#

121 0.0 24.8 37.2#

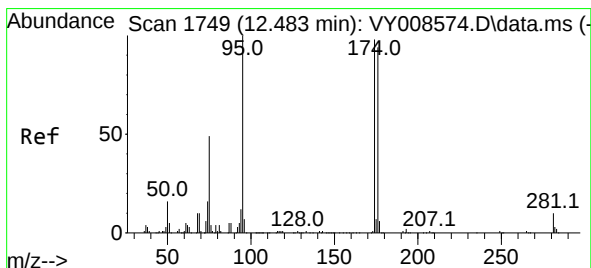
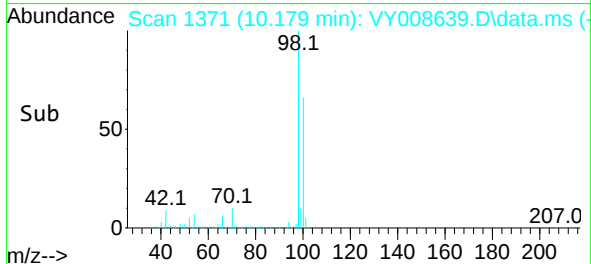
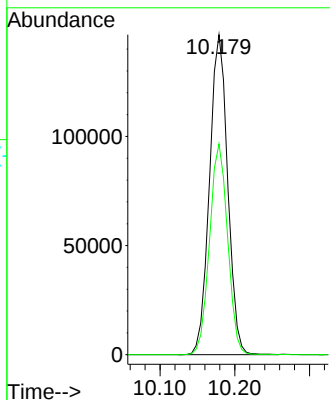
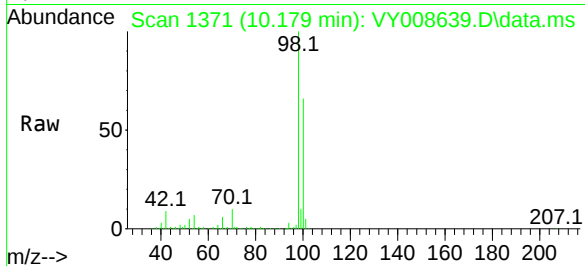




#50
Toluene-d8
Concen: 50.920 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

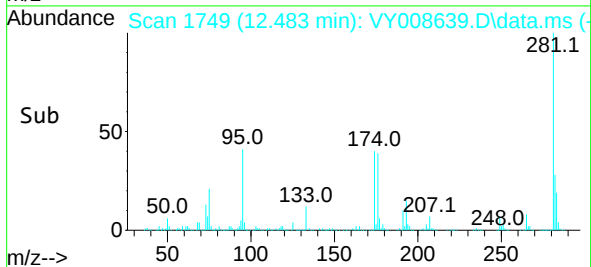
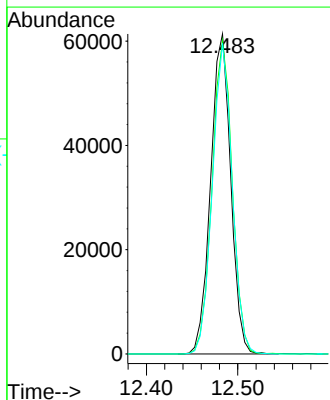
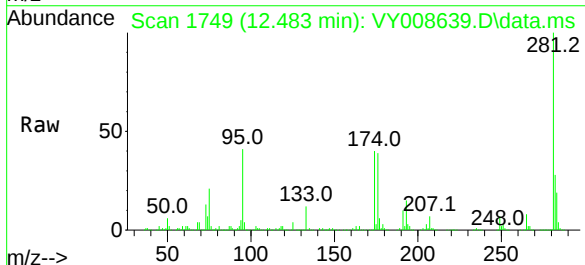
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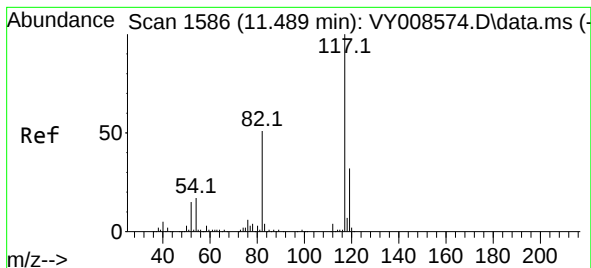
Tgt Ion: 98 Resp: 247760
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 95 Resp: 93525
Ion Ratio Lower Upper
95 100
174 98.4 0.0 177.0
176 95.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008639.D

Acq: 05 May 2022 02:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,15

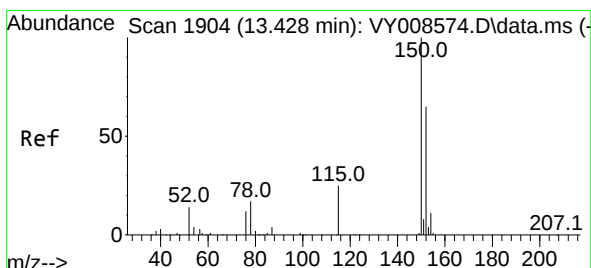
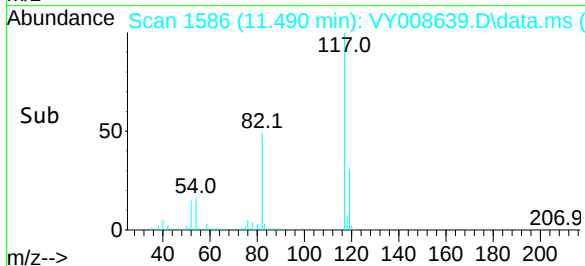
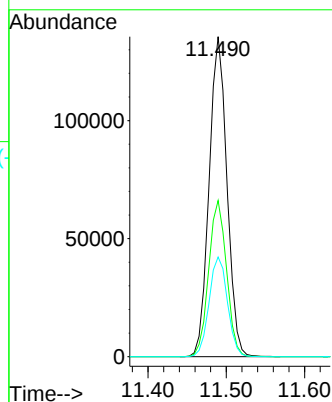
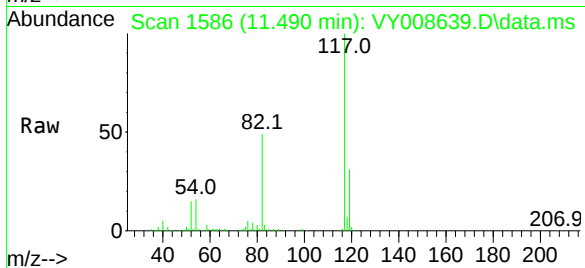
Tgt Ion:117 Resp: 214326

Ion Ratio Lower Upper

117 100

82 48.8 43.0 64.4

119 31.1 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: VY008639.D

Acq: 05 May 2022 02:51

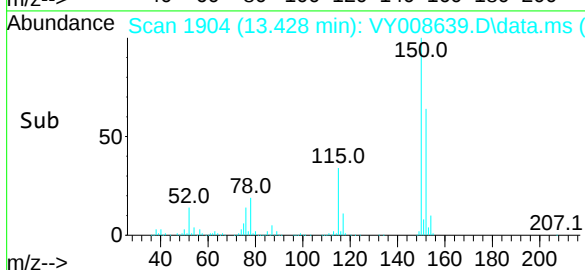
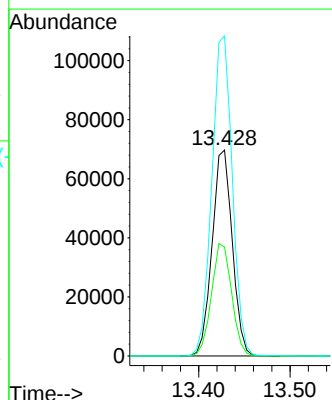
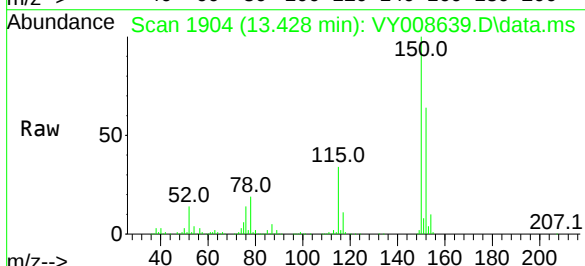
Tgt Ion:152 Resp: 106913

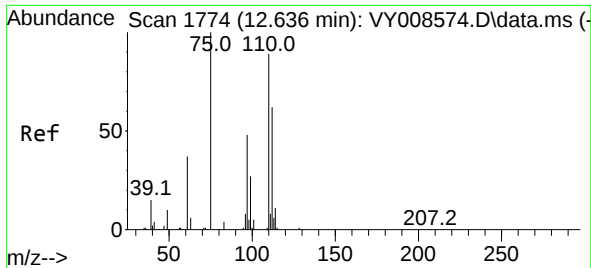
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 157.7 0.0 347.6

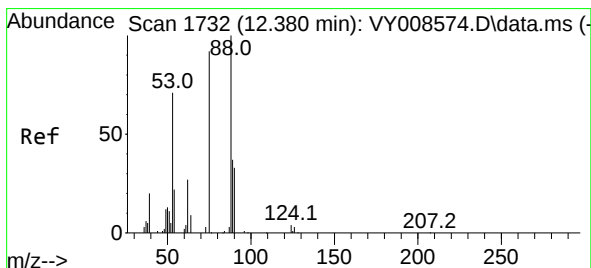
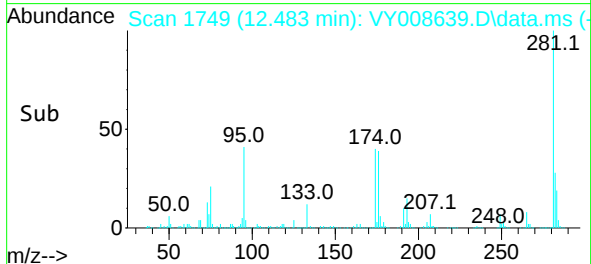
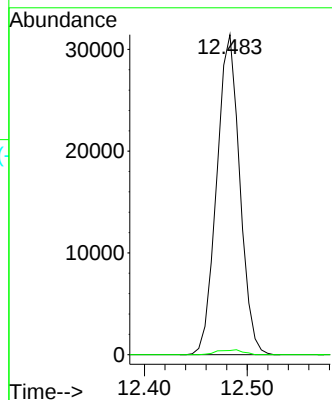
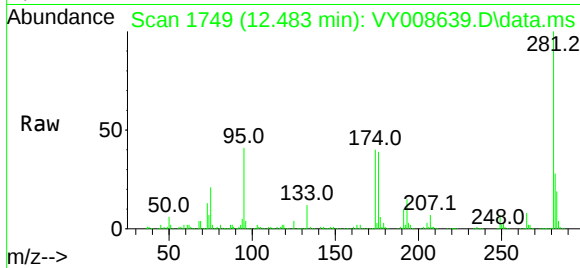




#76
1,2,3-Trichloropropane
Concen: 42.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-12,15

Tgt Ion: 75 Resp: 48957
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008639.D
Acq: 05 May 2022 02:51

Tgt Ion: 75 Resp: 48957
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.8 37.0 55.4#

