

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008638.D
 Acq On : 05 May 2022 02:27
 Operator : KP/MD
 Sample : N2665-01
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12,7

Quant Time: May 05 04:43:21 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)

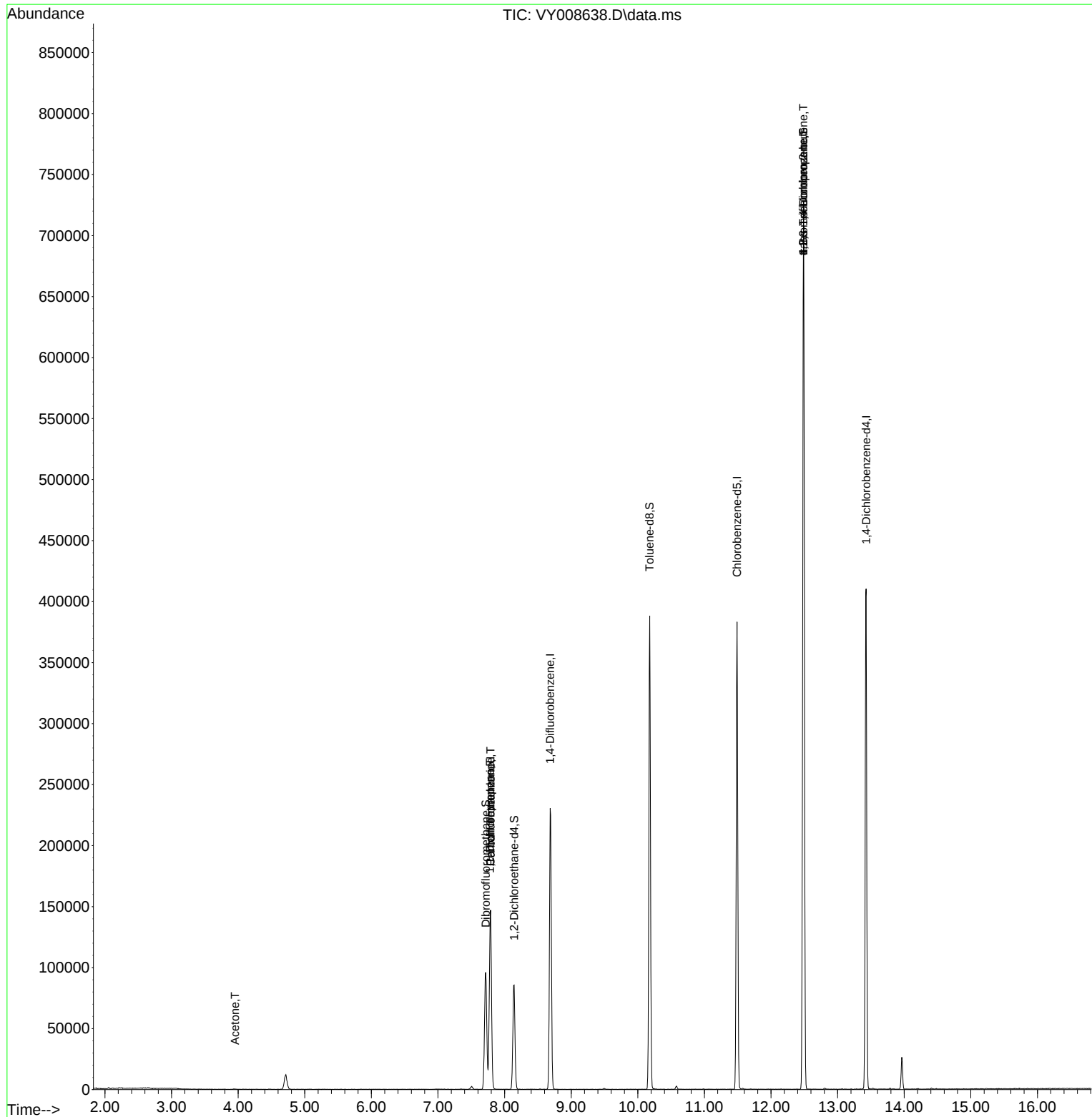
Internal Standards						
1) Pentafluorobenzene	7.789	168	126231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	217026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65061	53.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 106.060%		
35) Dibromofluoromethane	7.716	113	70022	48.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 97.520%		
50) Toluene-d8	10.179	98	261222	51.344	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 102.680%		
62) 4-Bromofluorobenzene	12.483	95	99616	53.420	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 106.840%		
Target Compounds						Qvalue
5) Bromomethane	2.656	94	84	Below Cal		86
11) Tert butyl alcohol	4.948	59	86	Below Cal	#	77
16) Acetone	3.954	43	548	2.073	ug/l #	88
18) Methyl Acetate	4.472	43	469	Below Cal	#	56
36) 1,1-Dichloropropene	7.783	75	7811	3.498	ug/l #	45
38) Carbon Tetrachloride	7.789	117	11317	4.442	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51151	41.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51151	84.892	ug/l #	8

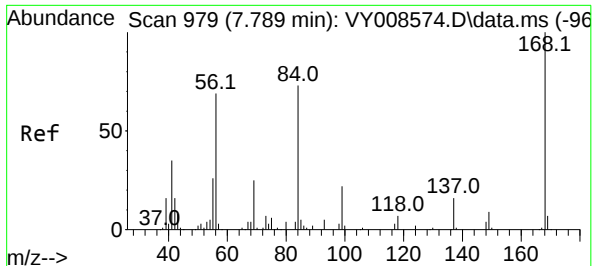
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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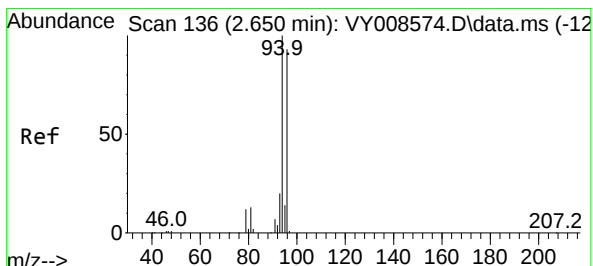
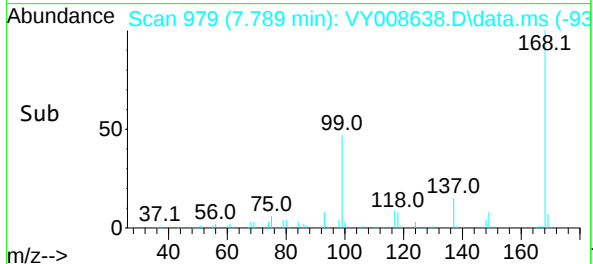
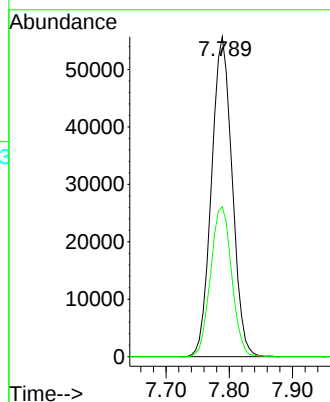
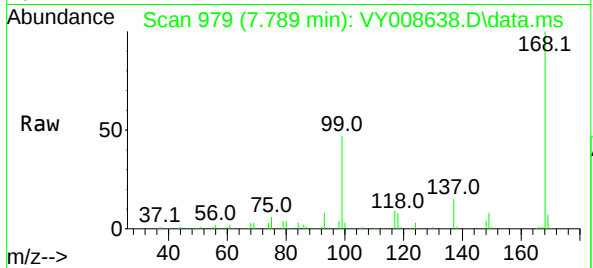




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

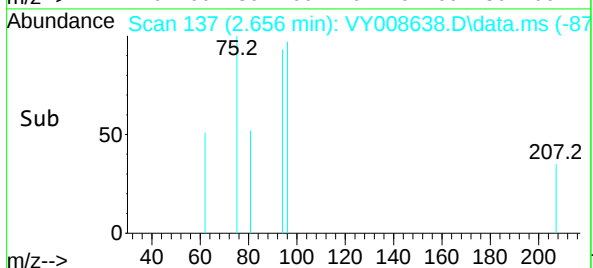
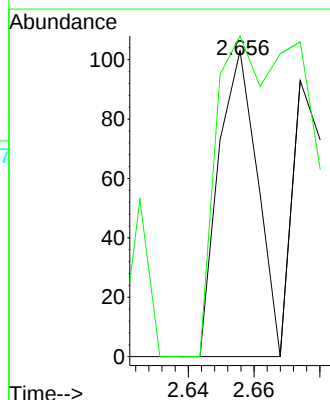
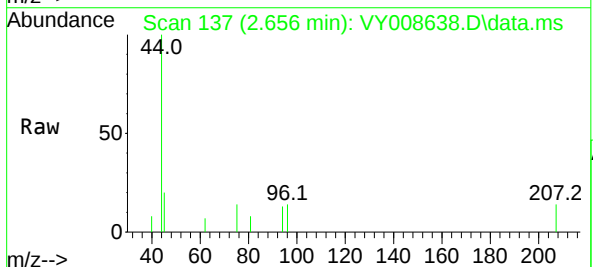
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,7

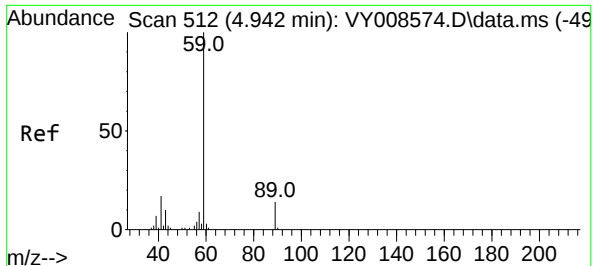
Tgt Ion:168 Resp: 126231
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 104.9 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008638.D

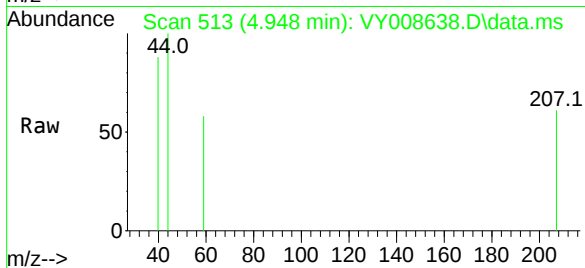
Acq: 05 May 2022 02:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,7

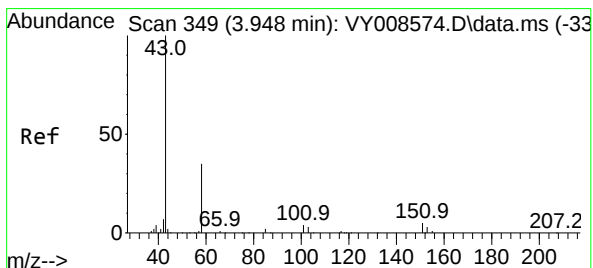
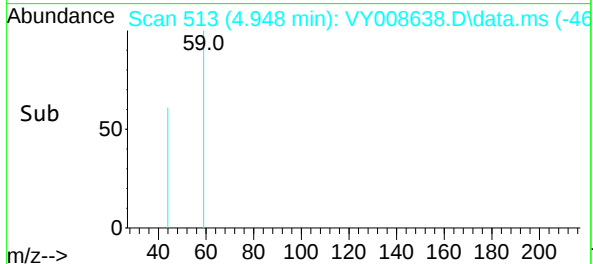
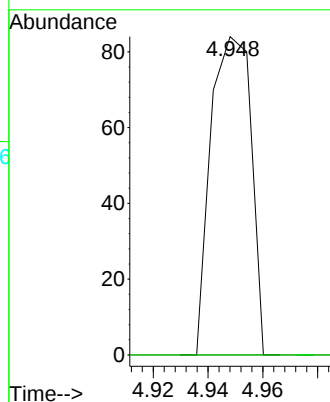


Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.073 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008638.D

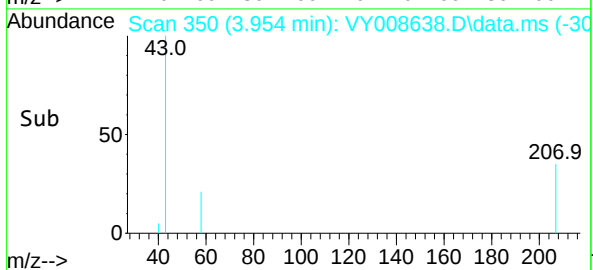
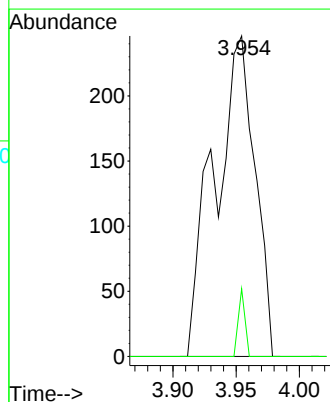
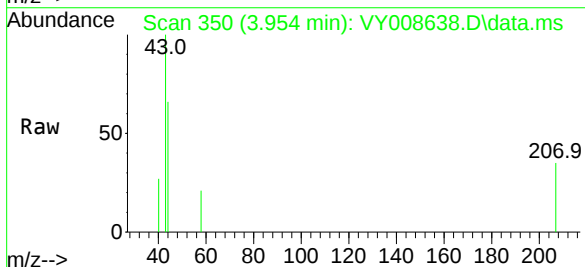
Acq: 05 May 2022 02:27

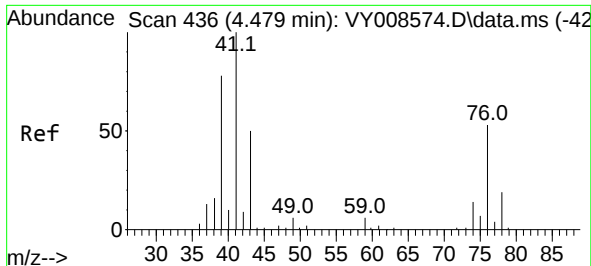
Tgt Ion: 43 Resp: 548

Ion Ratio Lower Upper

43 100

58 21.1 22.0 33.0#

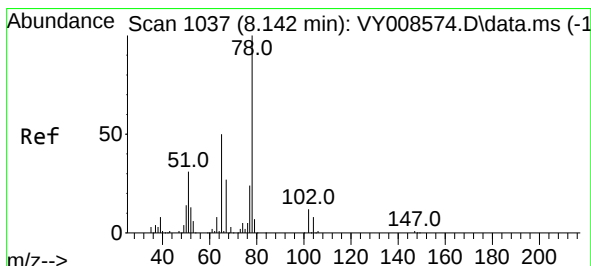
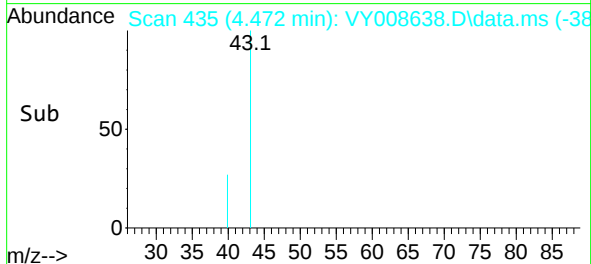
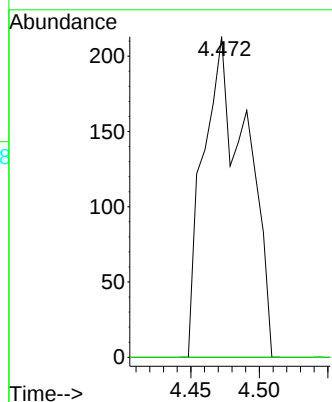
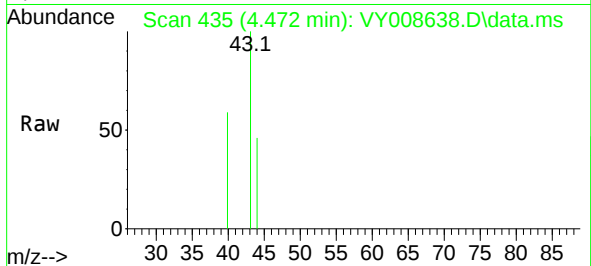




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

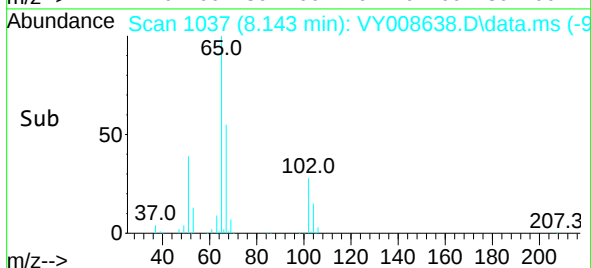
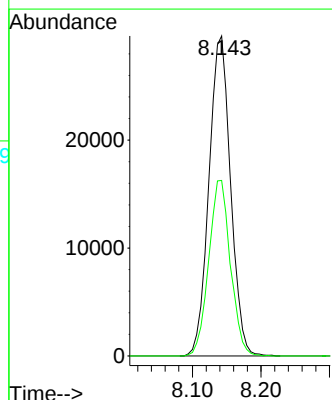
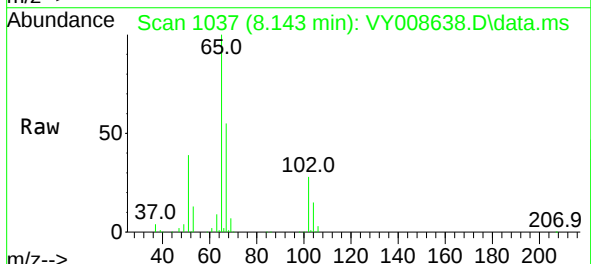
Instrument :
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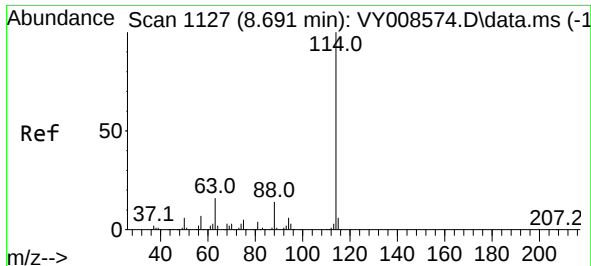
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#33
1,2-Dichloroethane-d4
Concen: 53.030 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 65 Resp: 65061
Ion Ratio Lower Upper
65 100
67 55.1 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: VY008638.D

Acq: 05 May 2022 02:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-12,7

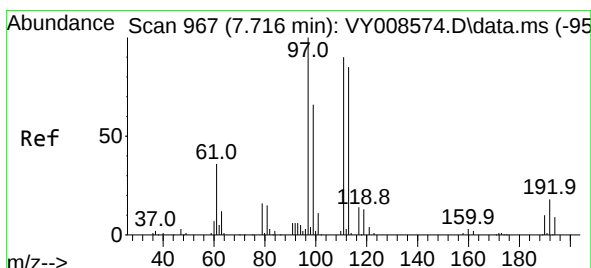
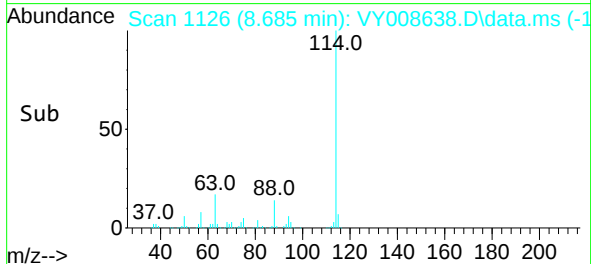
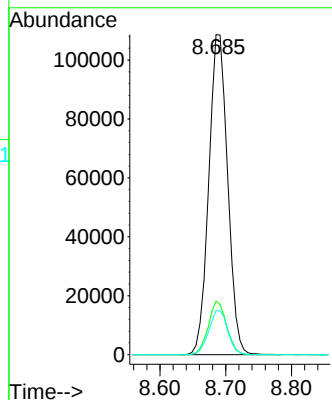
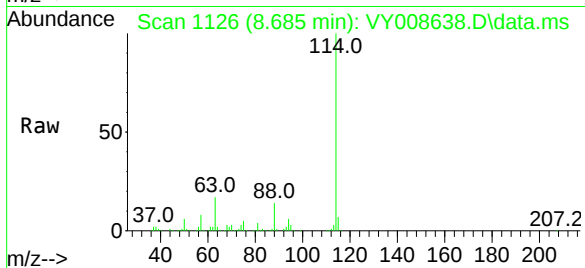
Tgt Ion:114 Resp: 217026

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.760 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008638.D

Acq: 05 May 2022 02:27

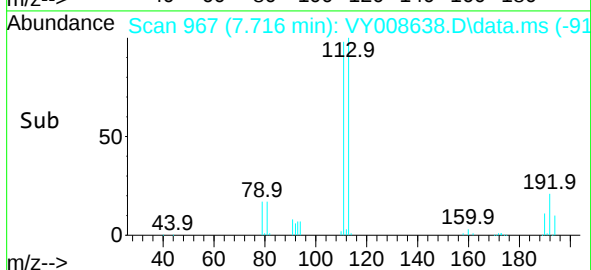
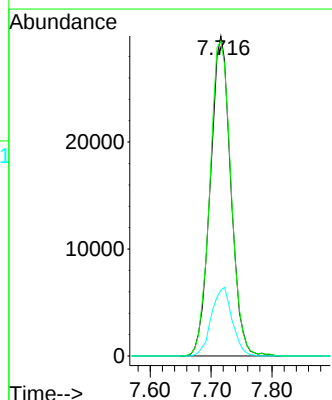
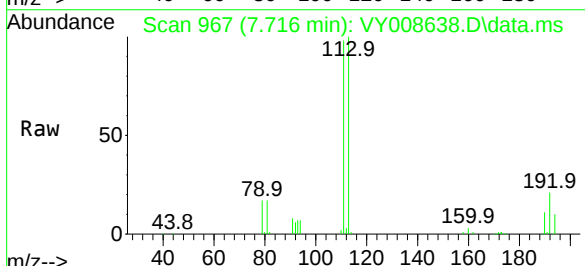
Tgt Ion:113 Resp: 70022

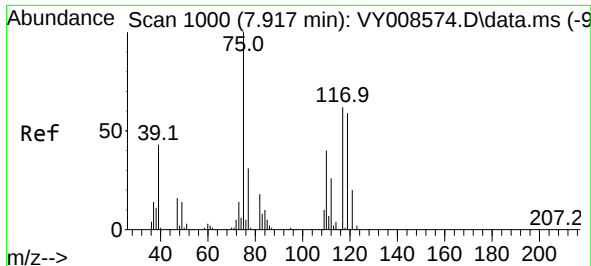
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.6 17.6 26.4

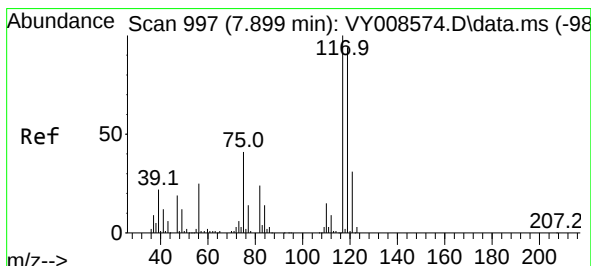
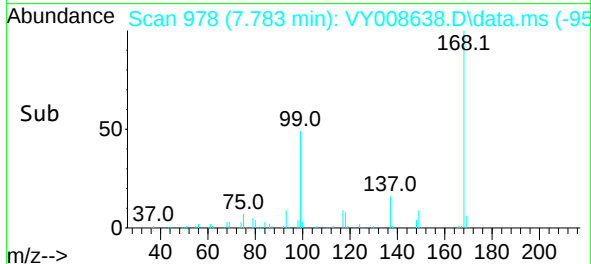
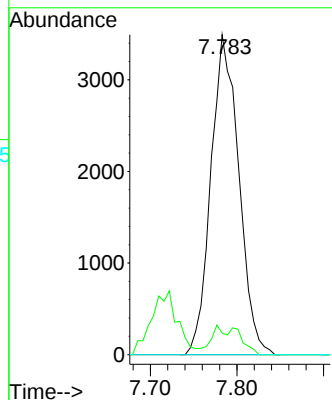
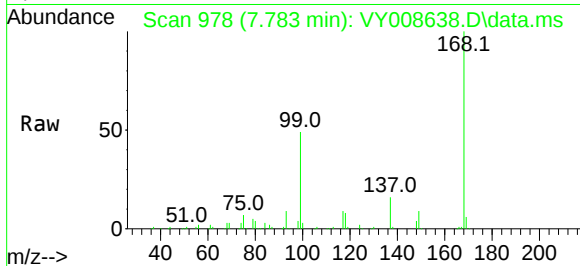




#36
 1,1-Dichloropropene
 Concen: 3.498 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY008638.D
 Acq: 05 May 2022 02:27

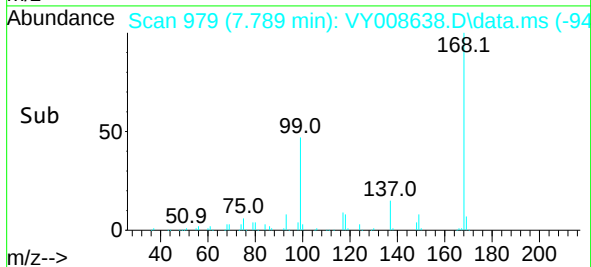
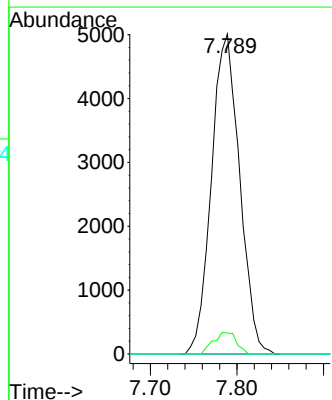
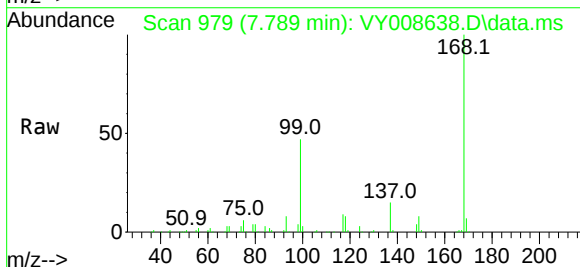
Instrument :
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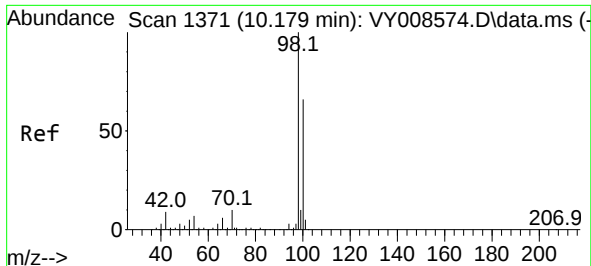
Tgt Ion: 75 Resp: 7811
 Ion Ratio Lower Upper
 75 100
 110 3.3 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.442 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008638.D
 Acq: 05 May 2022 02:27

Tgt Ion: 117 Resp: 11317
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.9 116.9#
 121 0.0 24.8 37.2#

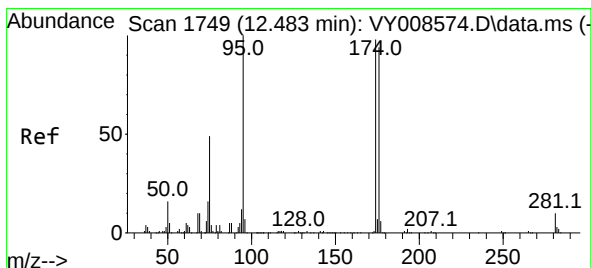
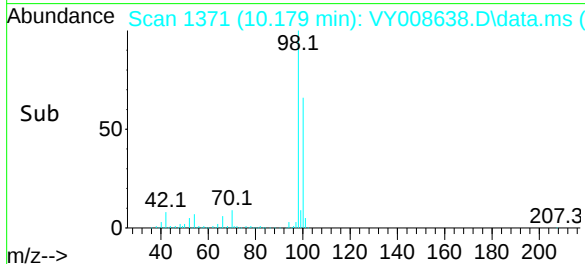
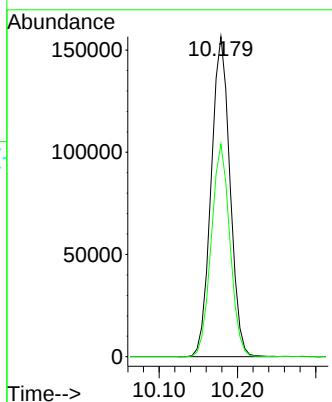
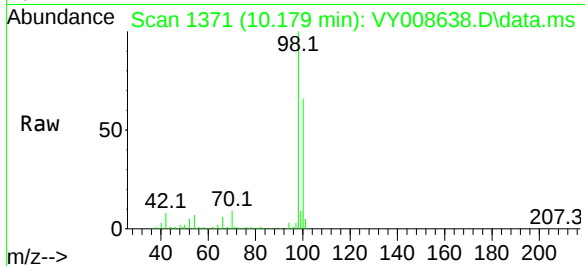




#50
Toluene-d8
Concen: 51.344 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

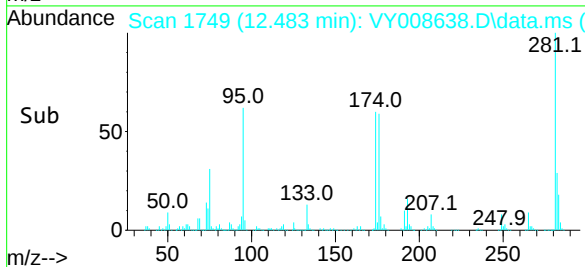
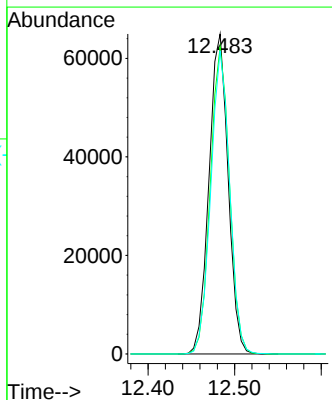
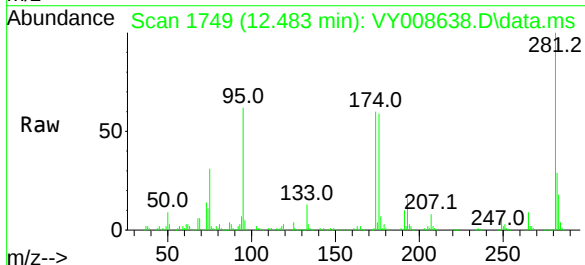
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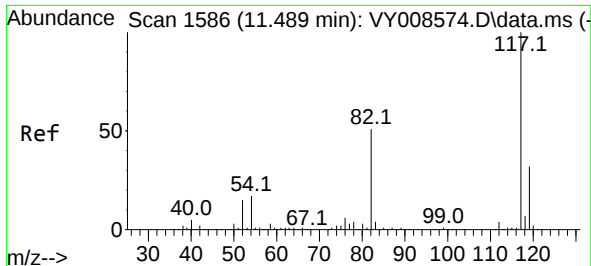
Tgt Ion: 98 Resp: 261222
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 95 Resp: 99616
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 93.6 0.0 175.8

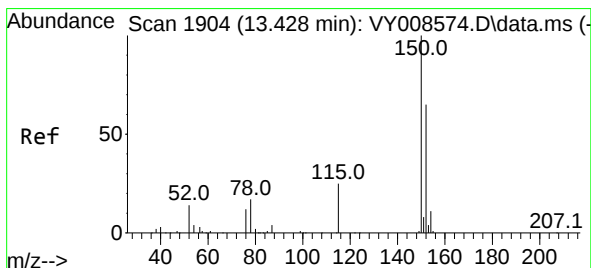
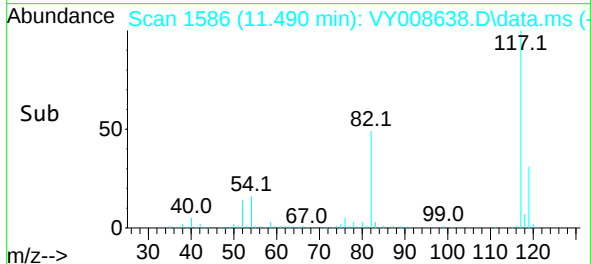
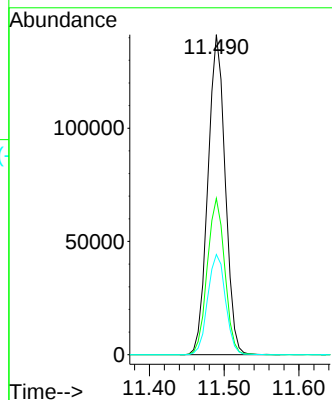
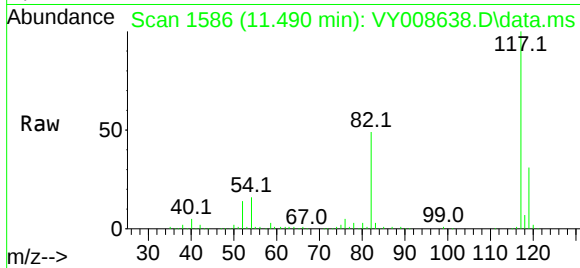




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

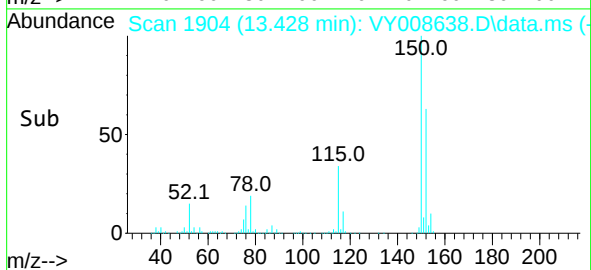
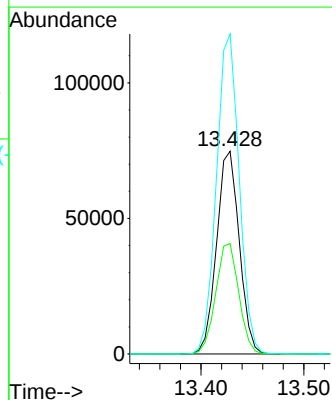
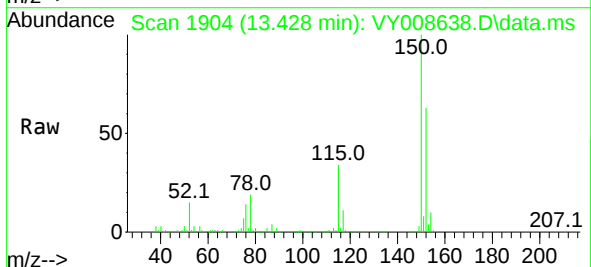
Instrument :
MSVOA_Y
ClientSampleId :
SB-12,7

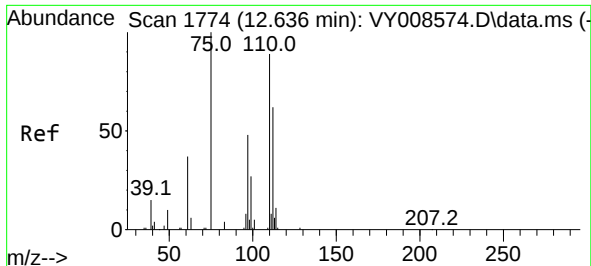
Tgt Ion:117 Resp: 226631
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion:152 Resp: 114438
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.3 0.0 347.6

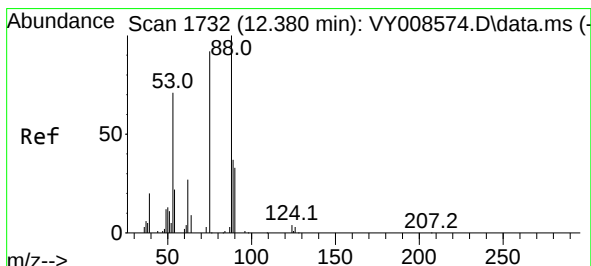
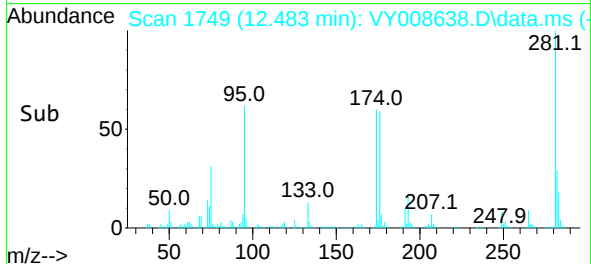
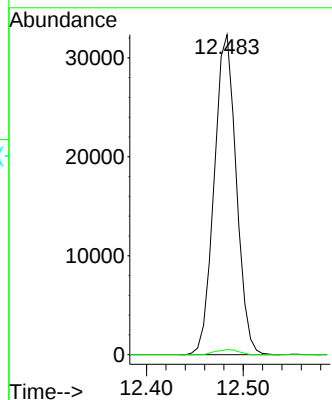
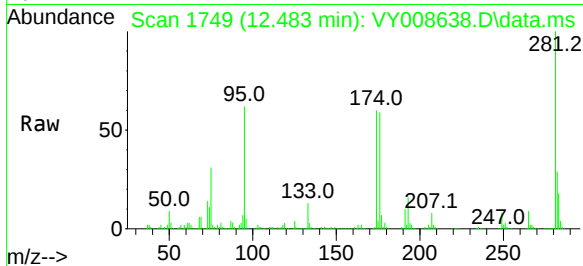




#76
1,2,3-Trichloropropane
Concen: 41.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-12,7

Tgt Ion: 75 Resp: 51151
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.892 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008638.D
Acq: 05 May 2022 02:27

Tgt Ion: 75 Resp: 51151
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.4 37.0 55.4#

