

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007084.D
 Acq On : 08 Jan 2022 17:27
 Operator : SY/MD
 Sample : N1069-02
 Misc : 3.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2-010522

Quant Time: Jan 10 03:41:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

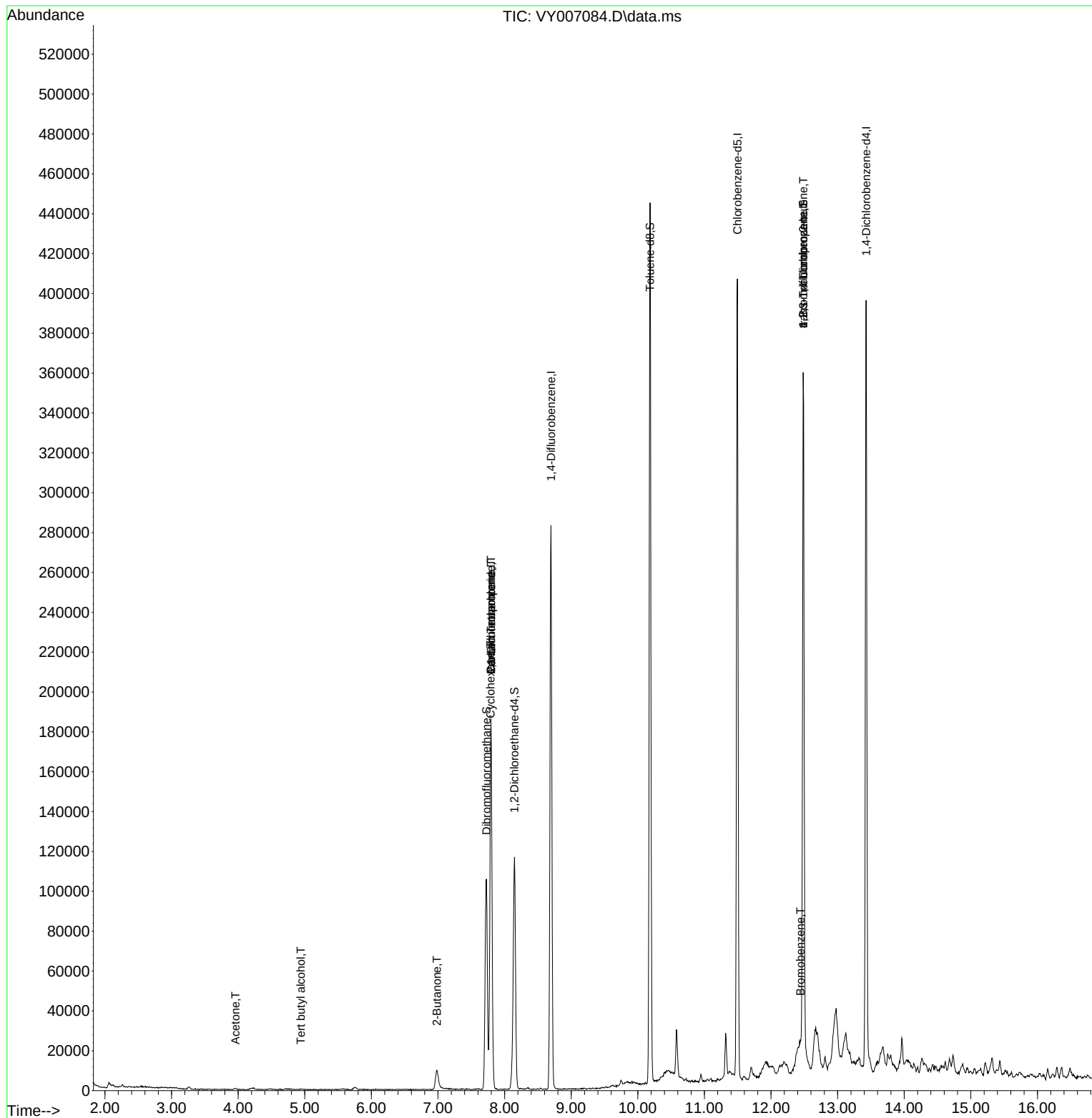
Internal Standards						
1) Pentafluorobenzene	7.795	168	132958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90195	56.704	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.400%			
35) Dibromofluoromethane	7.728	113	77736	49.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.620%			
50) Toluene-d8	10.185	98	289649	49.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.483	95	103169	49.124	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	315	2.484	ug/l #	73
16) Acetone	3.960	43	1050	3.518	ug/l	96
20) Methylene Chloride	4.722	84	52	Below Cal	#	30
25) 2-Butanone	6.984	43	880	1.908	ug/l #	47
31) Cyclohexane	7.789	56	3220	1.176	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	11514	4.609	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14368	5.505	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	56934	53.447	ug/l #	100
77) Bromobenzene	12.440	156	18290	10.429	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	56934	100.388	ug/l #	4

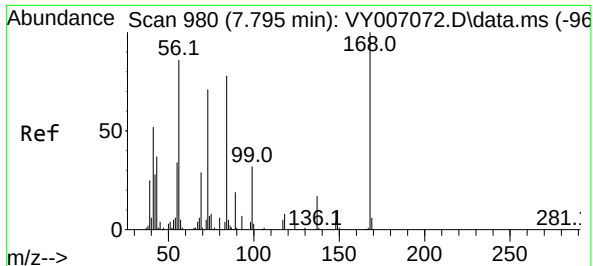
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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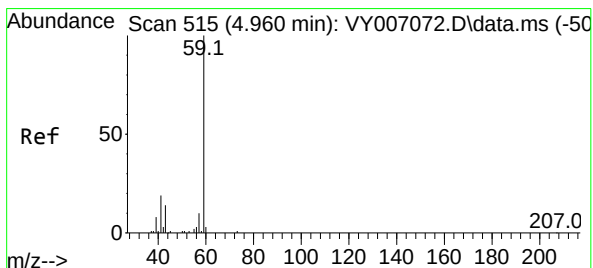
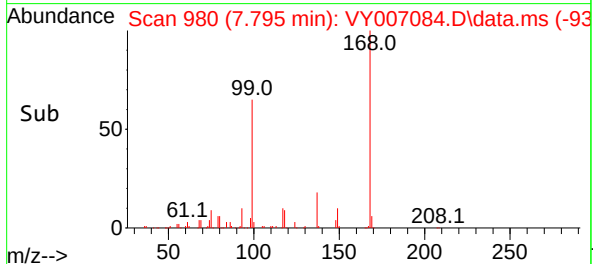
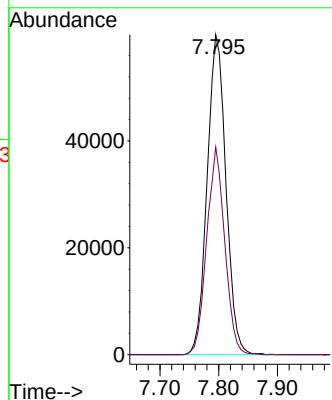
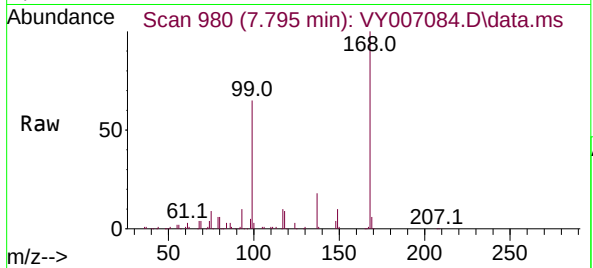




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

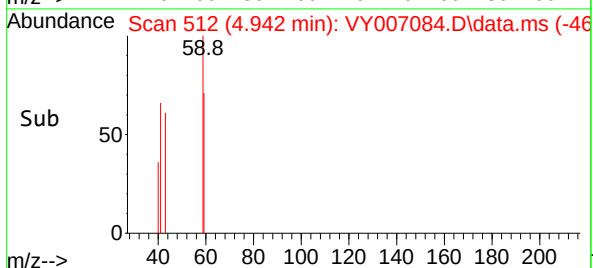
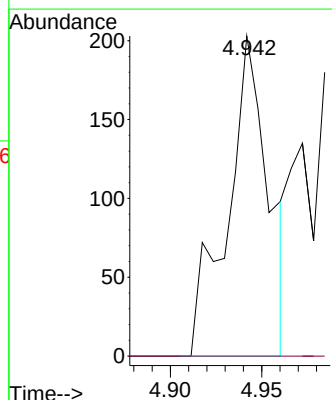
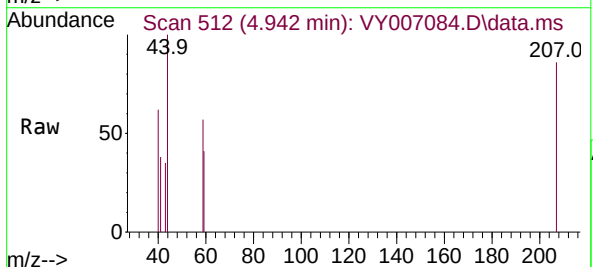
Instrument :
MSVOA_Y
ClientSampleId :
PX-2-010522

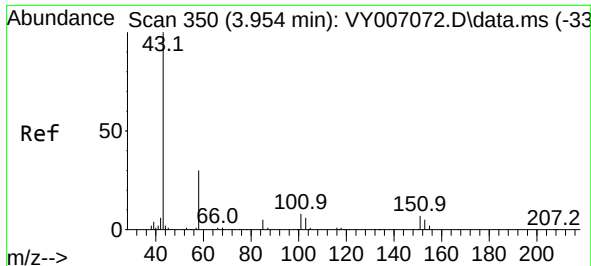
Tgt Ion:168 Resp: 132958
Ion Ratio Lower Upper
168 100
99 64.8 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.484 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 3.518 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

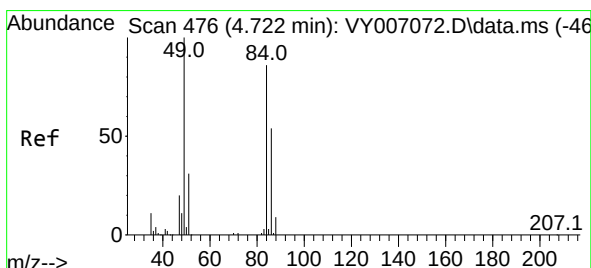
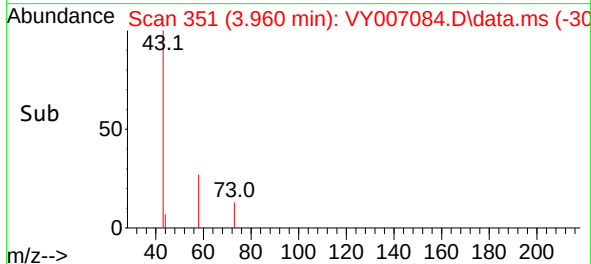
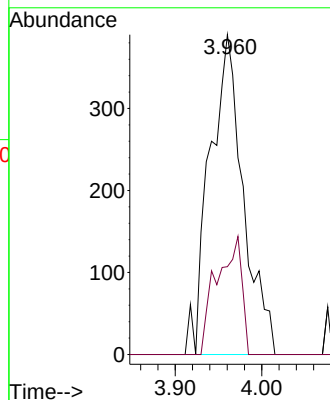
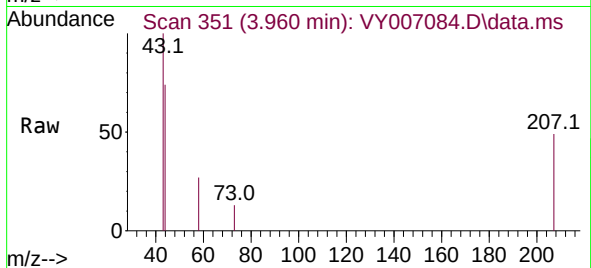
PX-2-010522

Tgt Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100

58 27.4 23.8 35.6



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Tgt Ion: 84 Resp: 52

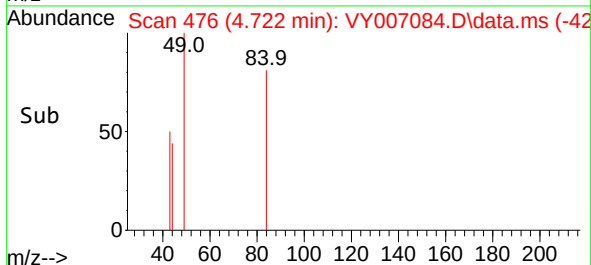
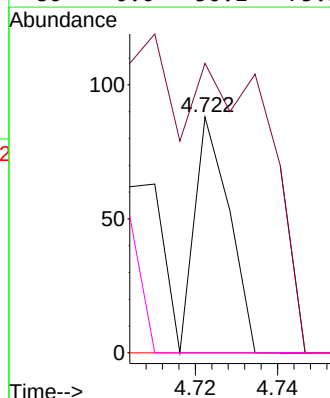
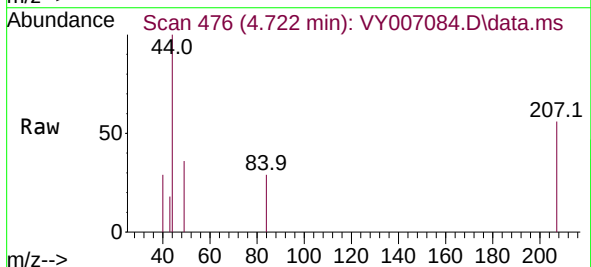
Ion Ratio Lower Upper

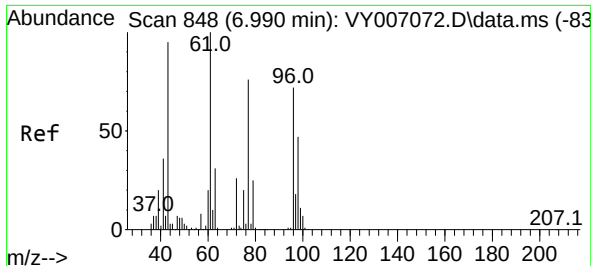
84 100

49 43.2 92.6 139.0#

51 0.0 28.6 42.8#

86 0.0 50.1 75.1#





#25

2-Butanone

Concen: 1.908 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

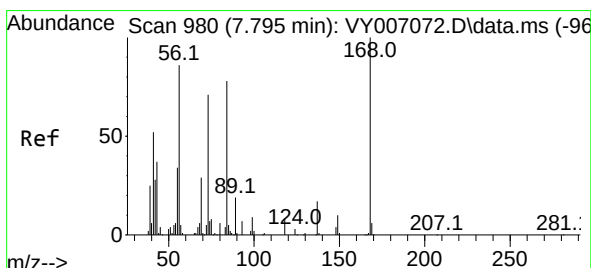
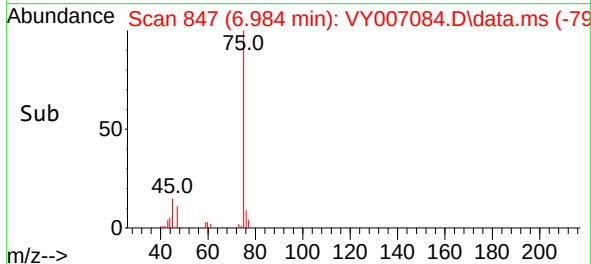
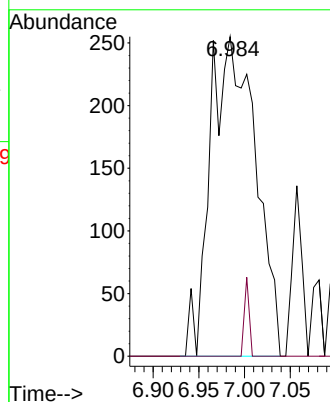
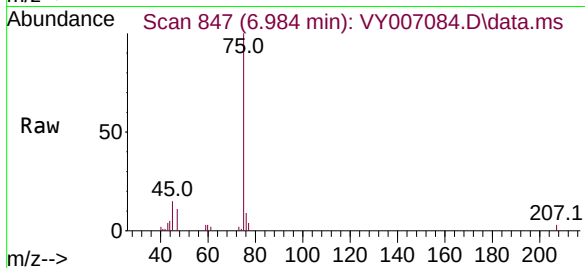
PX-2-010522

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

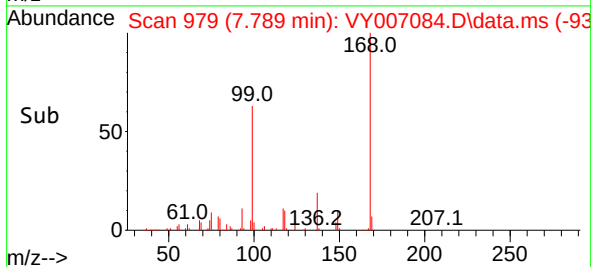
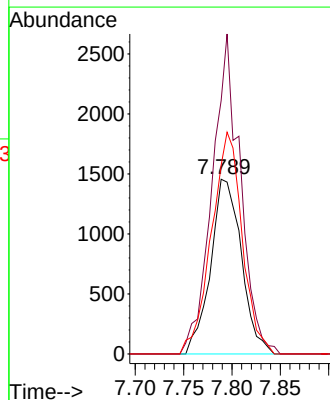
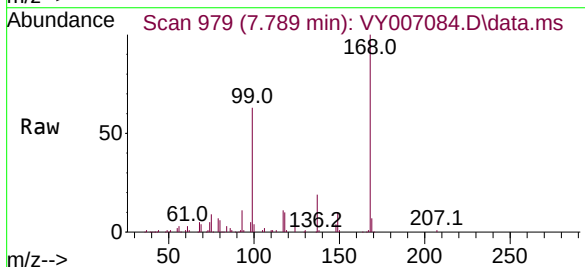
Tgt Ion: 56 Resp: 3220

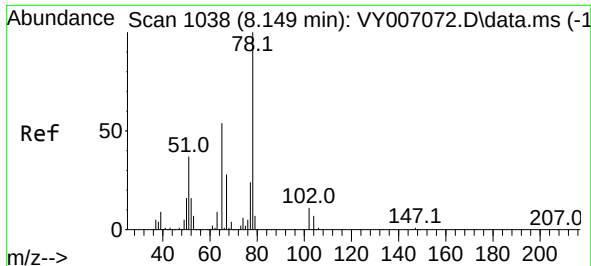
Ion Ratio Lower Upper

56 100

69 145.0 27.2 40.8#

84 108.0 72.1 108.1





#33

1,2-Dichloroethane-d4

Concen: 56.704 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

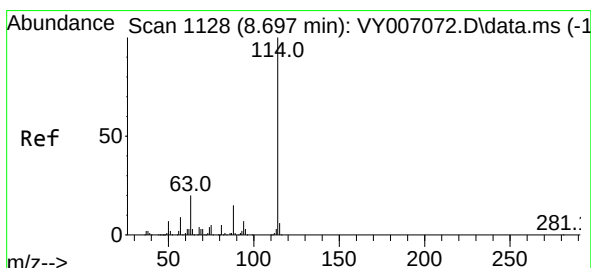
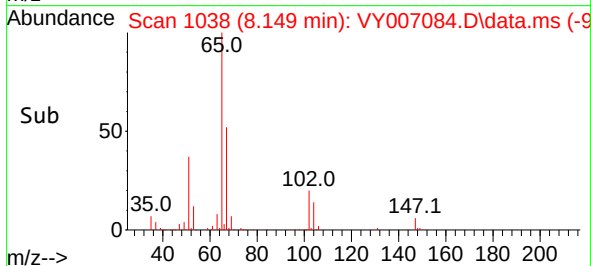
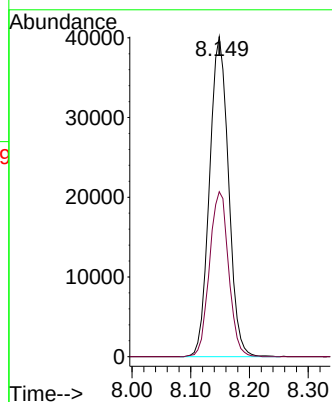
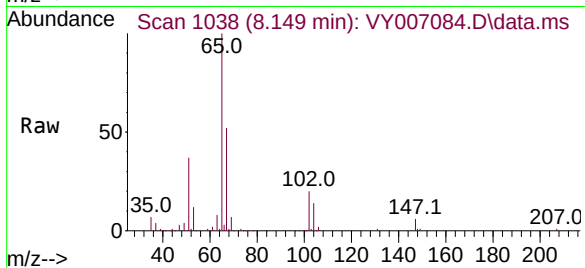
PX-2-010522

Tgt Ion: 65 Resp: 90195

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

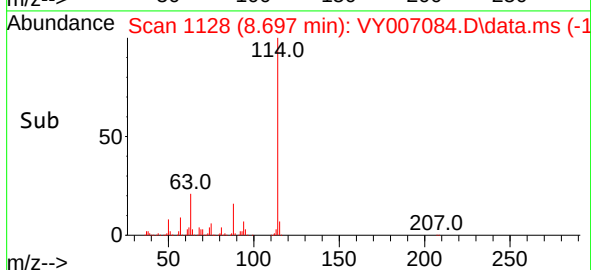
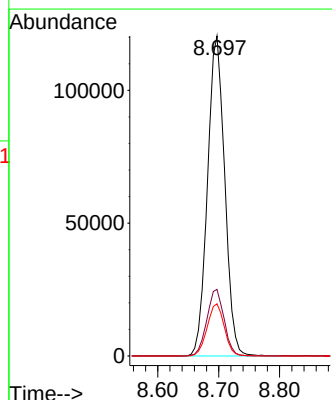
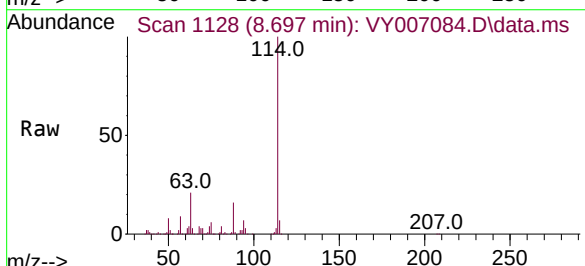
Tgt Ion: 114 Resp: 236544

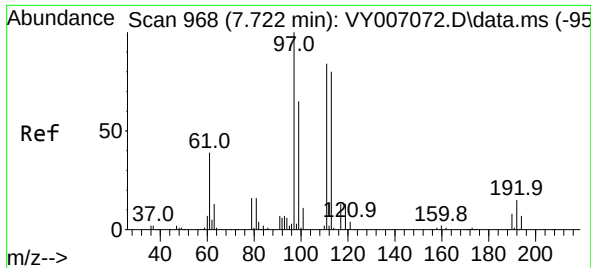
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 16.3 0.0 31.0

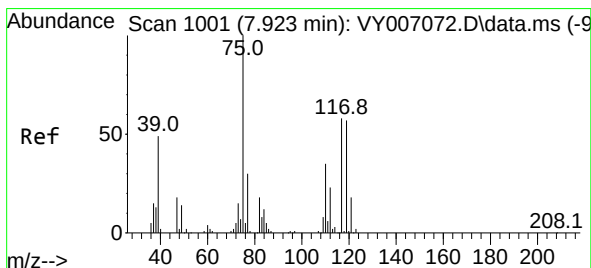
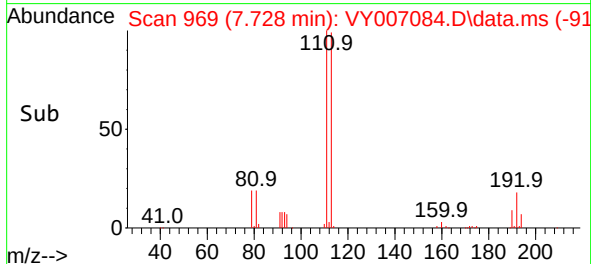
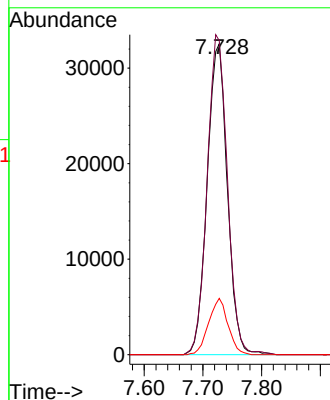
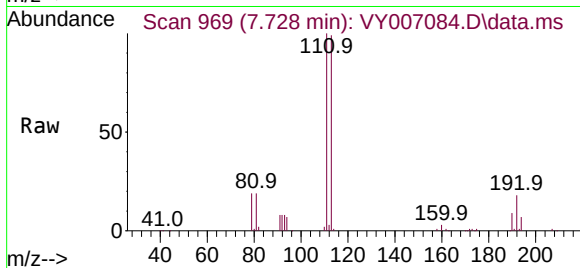




#35
Dibromofluoromethane
Concen: 49.309 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

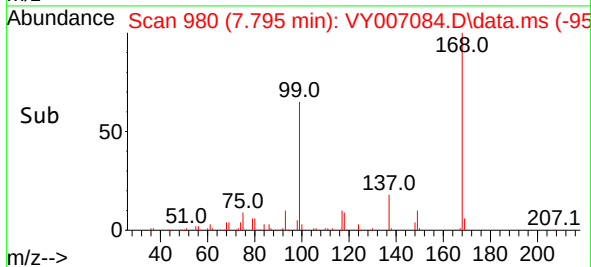
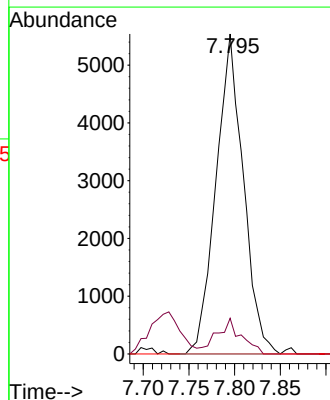
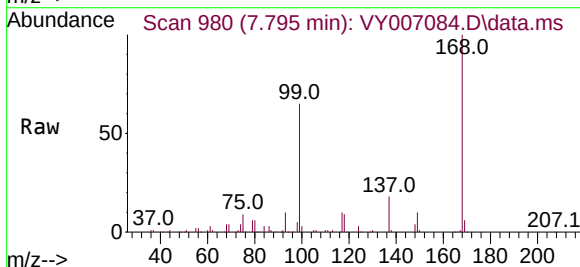
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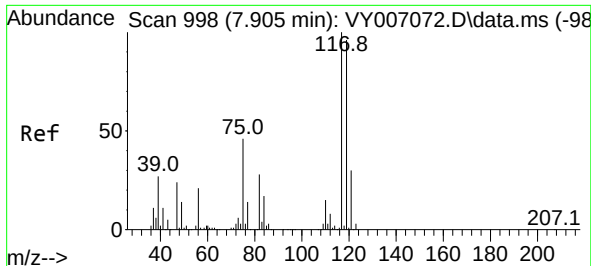
Tgt Ion:113 Resp: 77736
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 75 Resp: 11514
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.9#
77 0.0 24.7 37.1#

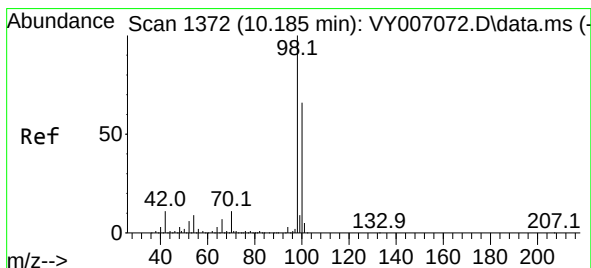
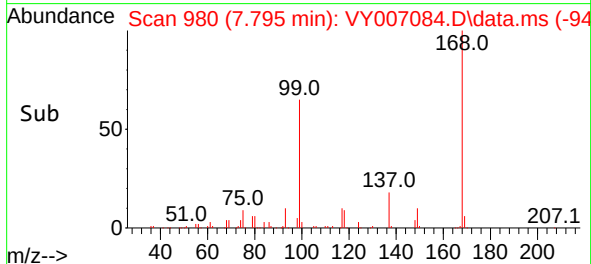
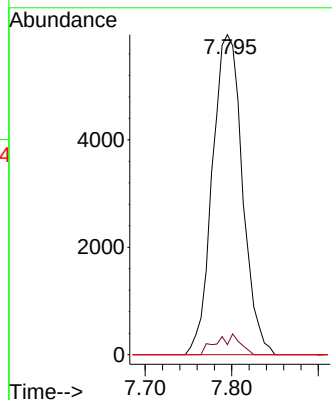
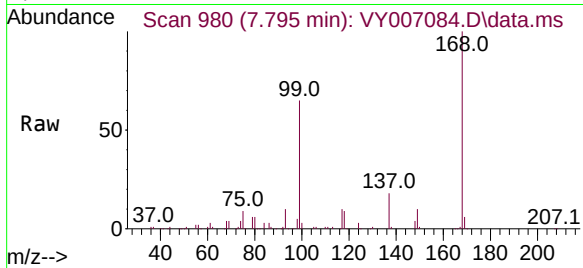




#38
Carbon Tetrachloride
Concen: 5.505 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

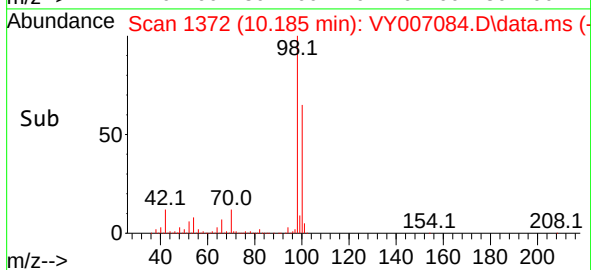
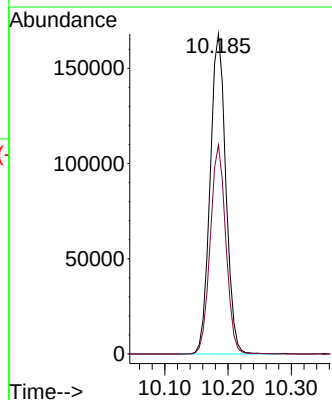
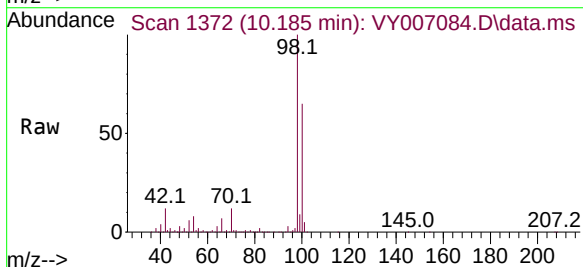
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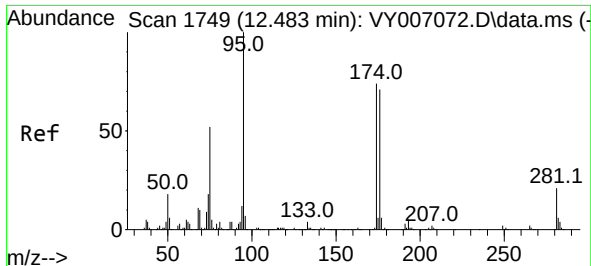
Tgt Ion:117 Resp: 14368
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.740 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 98 Resp: 289649
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

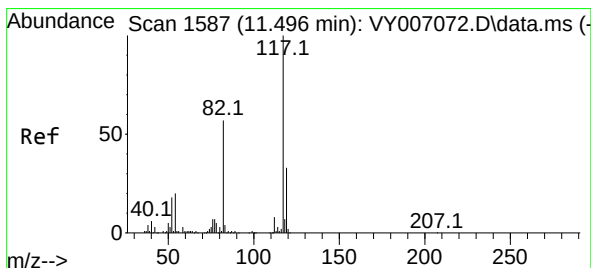
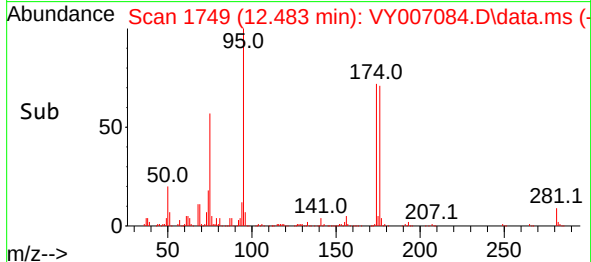
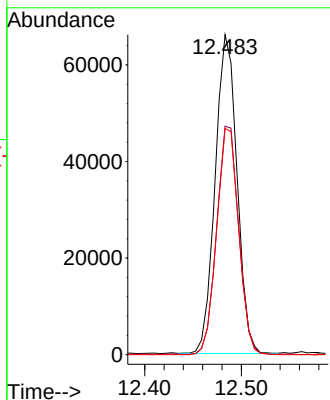
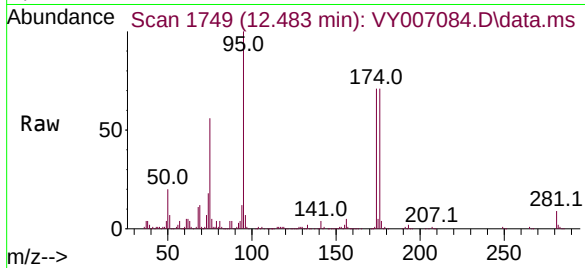




#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

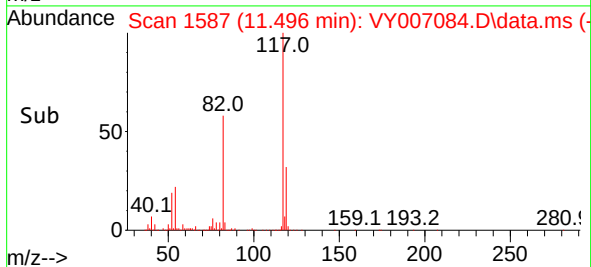
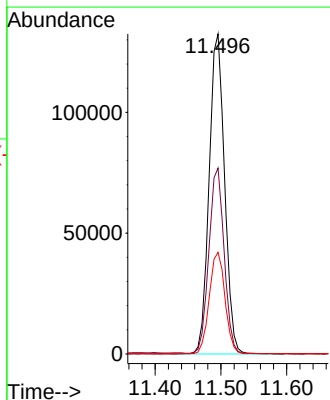
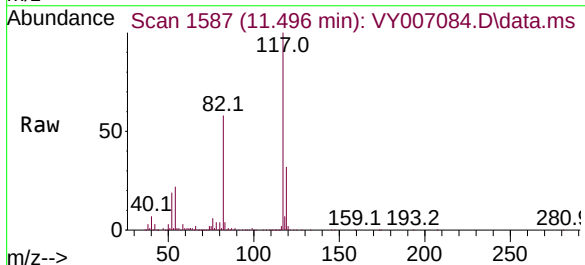
Instrument :
MSVOA_Y
ClientSampleId :
PX-2-010522

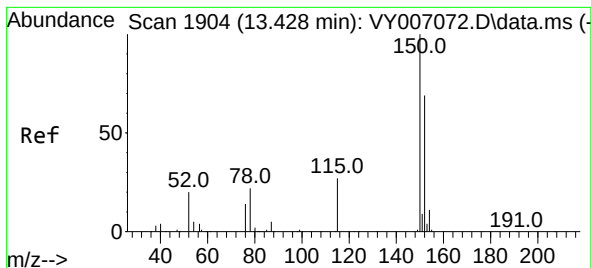
Tgt Ion: 95 Resp: 103169
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.4
176 71.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 117 Resp: 216573
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 31.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007084.D

Acq: 08 Jan 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

PX-2-010522

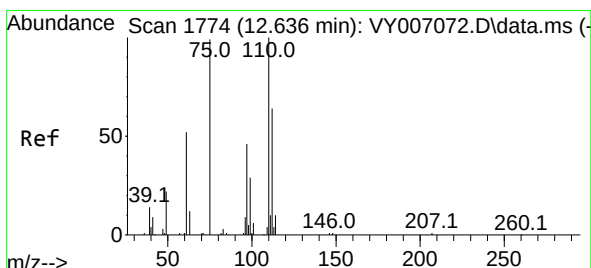
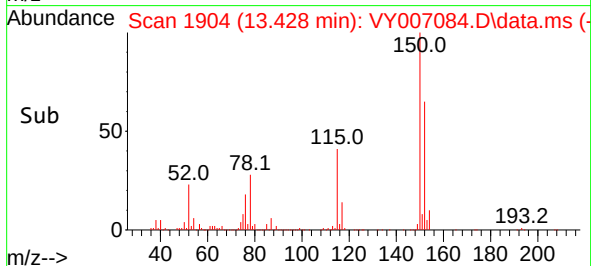
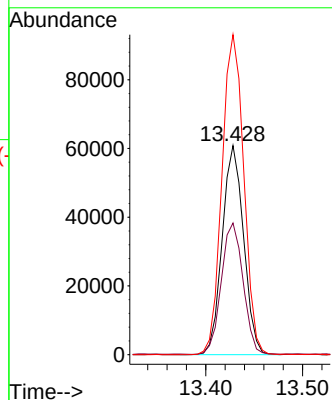
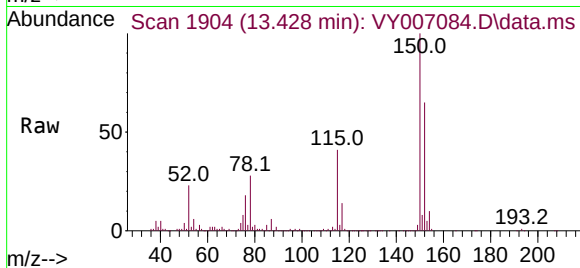
Tgt Ion:152 Resp: 93336

Ion Ratio Lower Upper

152 100

115 63.8 31.4 94.0

150 156.3 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 53.447 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007084.D

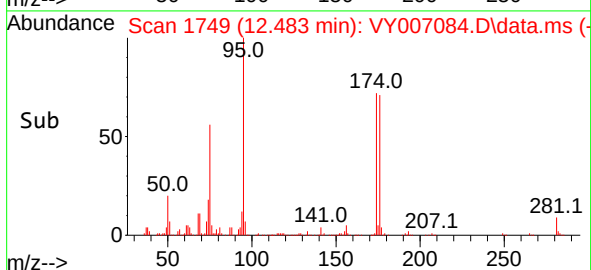
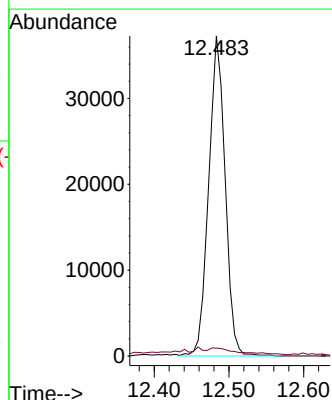
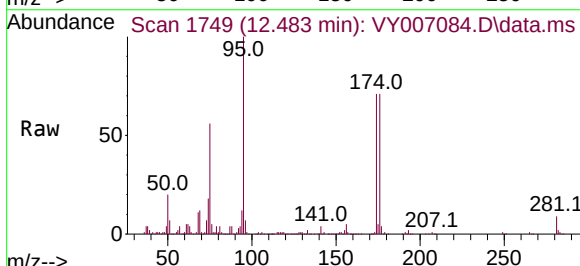
Acq: 08 Jan 2022 17:27

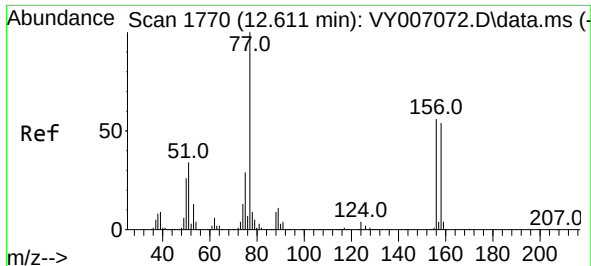
Tgt Ion: 75 Resp: 56934

Ion Ratio Lower Upper

75 100

77 3.4 0.0 0.0#

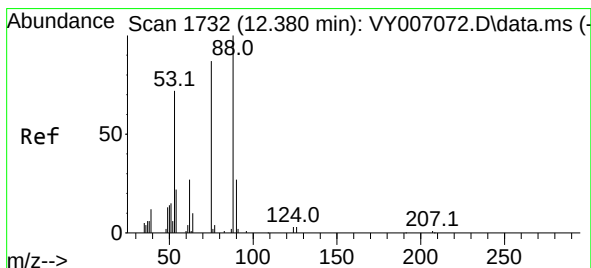
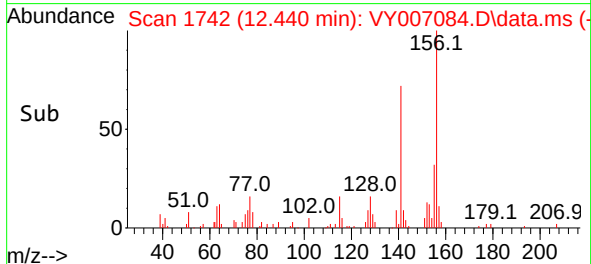
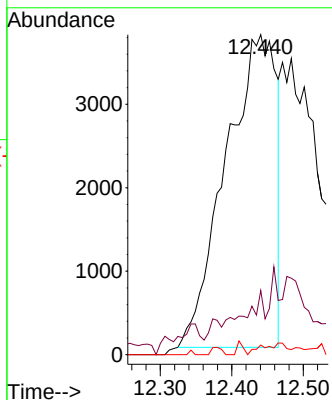
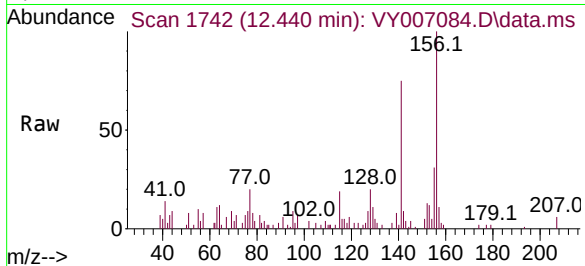




#77
Bromobenzene
Concen: 10.429 ug/l
RT: 12.440 min Scan# 1742
Delta R.T. -0.171 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
PX-2-010522

Tgt Ion:156 Resp: 18290
Ion Ratio Lower Upper
156 100
77 6.5 98.7 296.1#
158 0.7 48.4 145.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007084.D
Acq: 08 Jan 2022 17:27

Tgt Ion: 75 Resp: 56934
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.9 0.0 0.0#

