

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008146.D
 Acq On : 31 Mar 2022 18:16
 Operator : SY/MD
 Sample : N2195-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-1-5FT

Quant Time: Apr 01 04:35:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77234	53.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.716	113	79713	49.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.179	98	308452	51.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.483	95	108995	51.104	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.200%

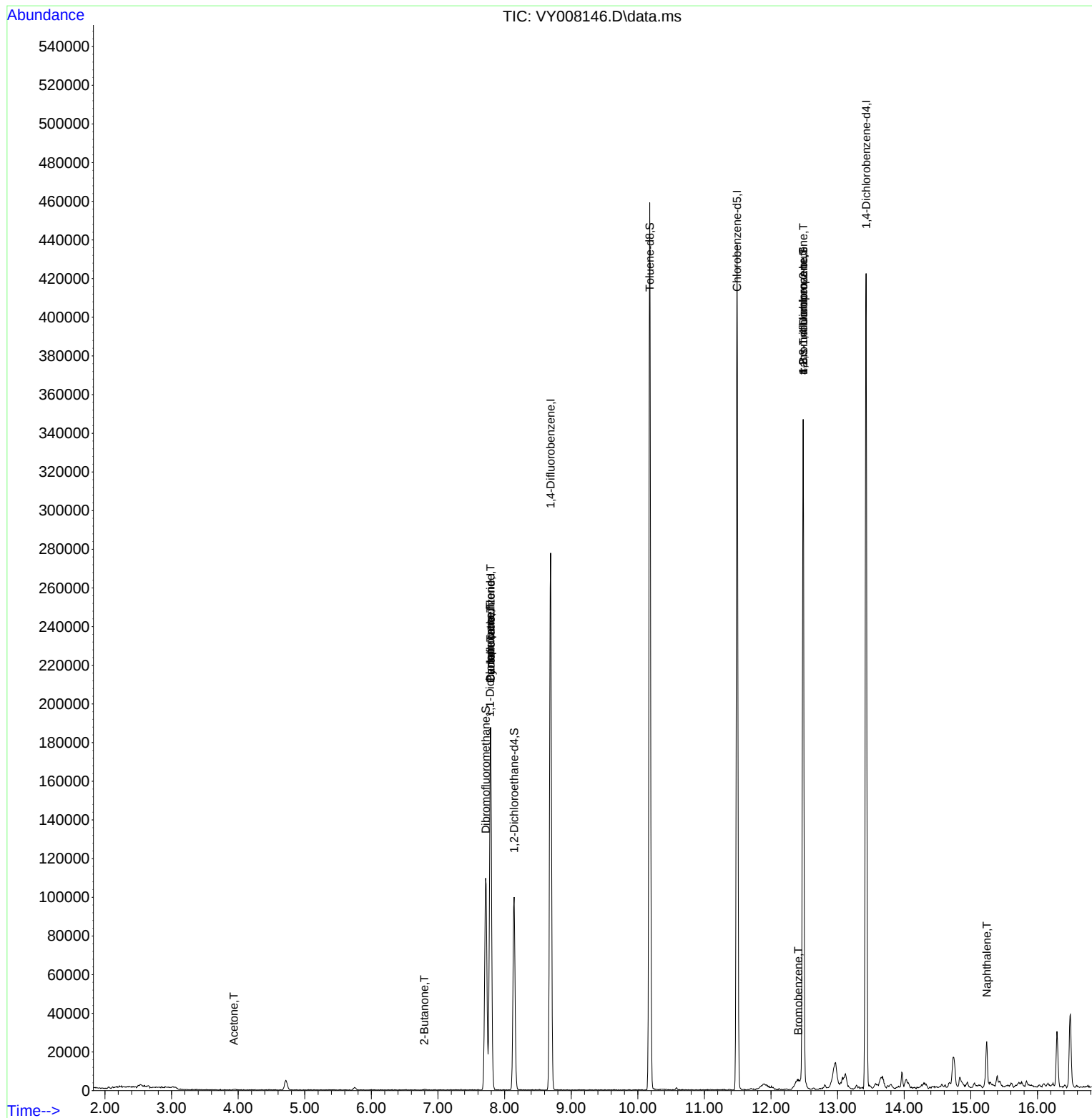
Target Compounds					Qvalue	
16) Acetone	3.936	43	517	1.567	ug/l	# 47
18) Methyl Acetate	4.472	43	215	Below Cal		# 56
20) Methylene Chloride	4.716	84	4140	Below Cal		# 75
25) 2-Butanone	6.795	43	788	1.570	ug/l	# 54
31) Cyclohexane	7.789	56	2778	1.030	ug/l	# 5
36) 1,1-Dichloropropene	7.783	75	10739	4.261	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	15021	5.469	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	54950	40.680	ug/l	# 100
77) Bromobenzene	12.410	156	4558	2.172	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.483	75	54950	90.763	ug/l	# 7
95) Naphthalene	15.239	128	19061	3.931	ug/l	98

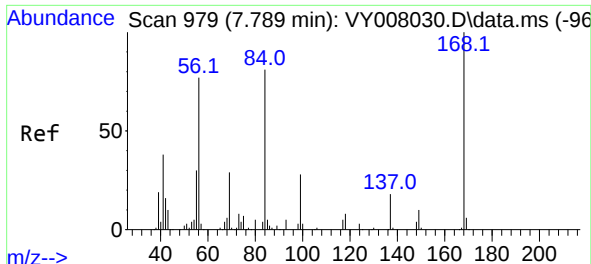
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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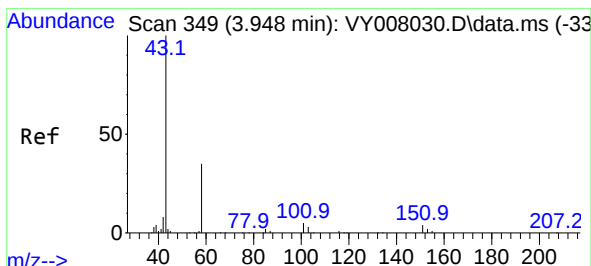
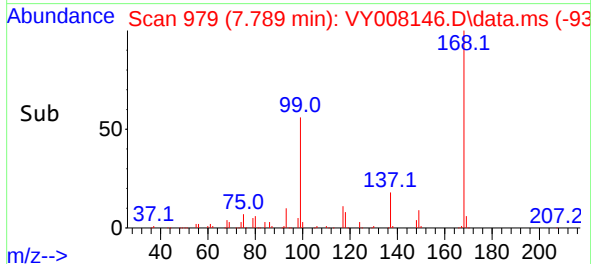
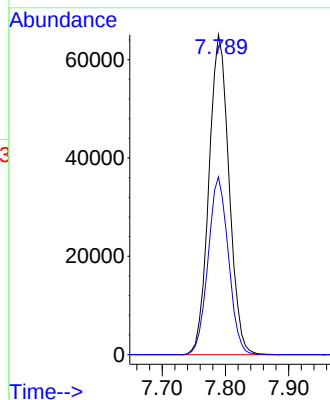
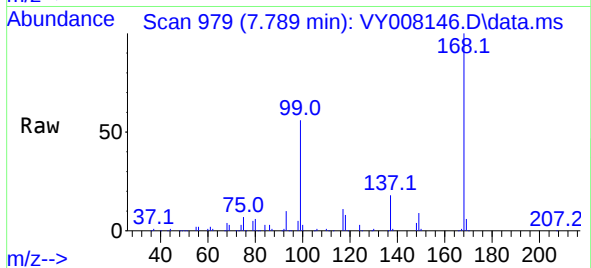




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

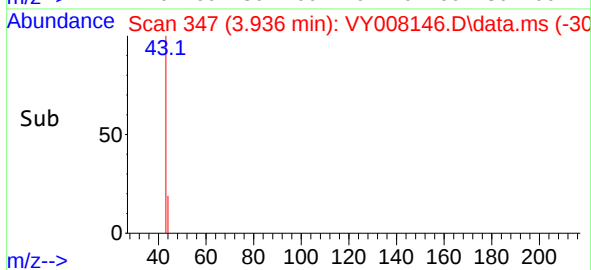
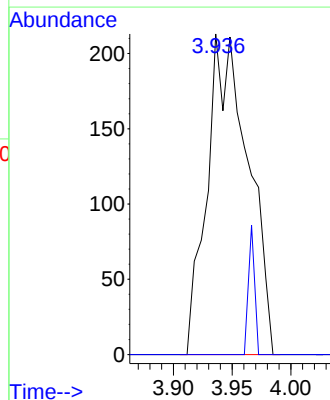
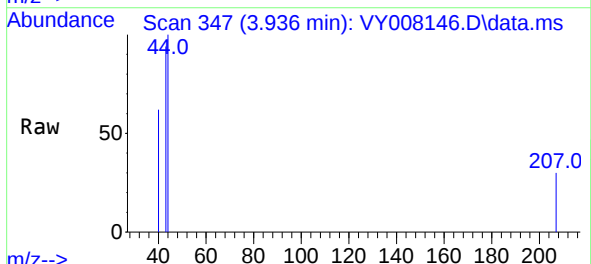
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-1-5FT

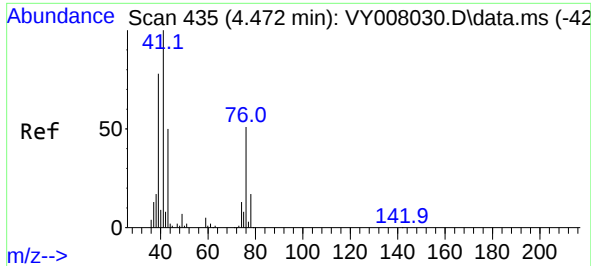
Tgt Ion:168 Resp: 143856
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 1.567 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

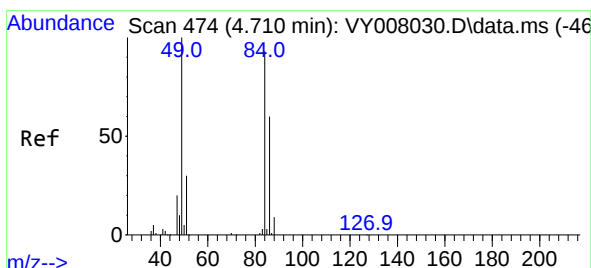
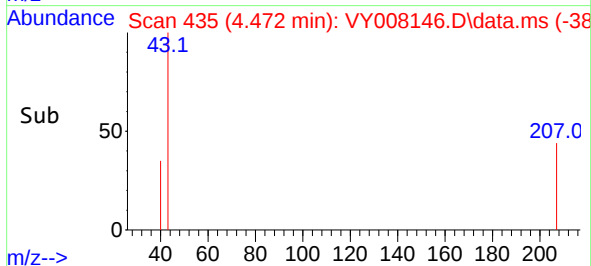
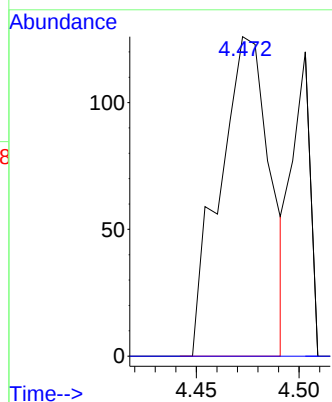
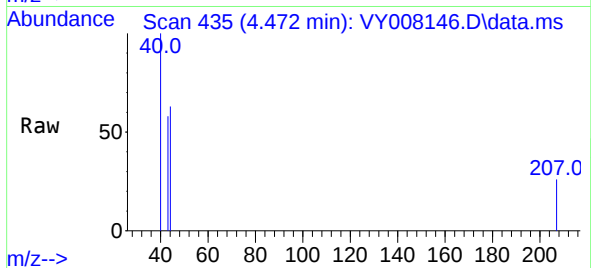
TP-3-1-5FT

Tgt Ion: 43 Resp: 215

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. 0.006 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

Tgt Ion: 84 Resp: 4140

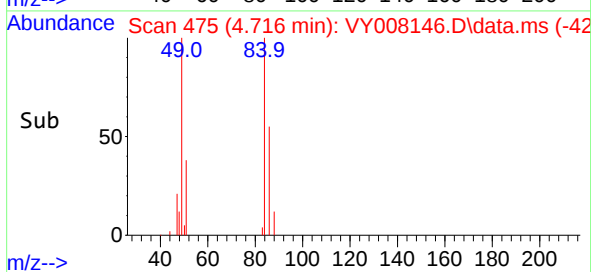
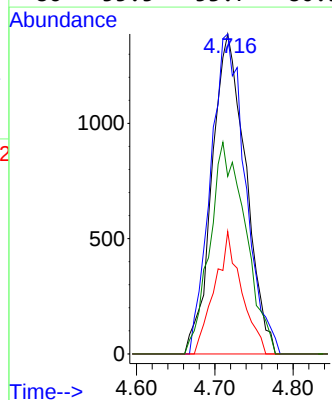
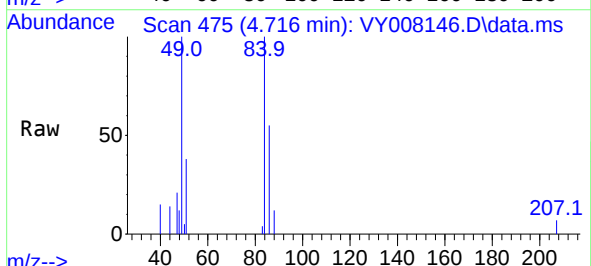
Ion Ratio Lower Upper

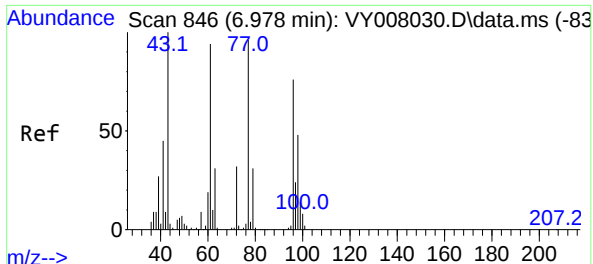
84 100

49 100.1 114.4 171.6#

51 38.3 35.3 52.9

86 55.5 53.7 80.5





#25

2-Butanone

Concen: 1.570 ug/l

RT: 6.795 min Scan# 816

Delta R.T. -0.183 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

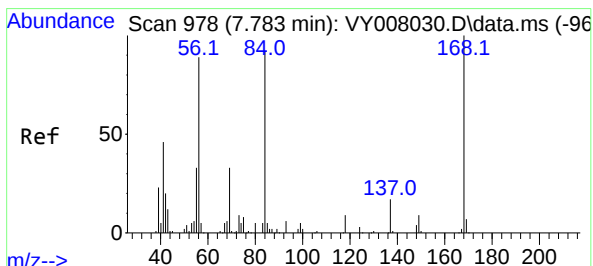
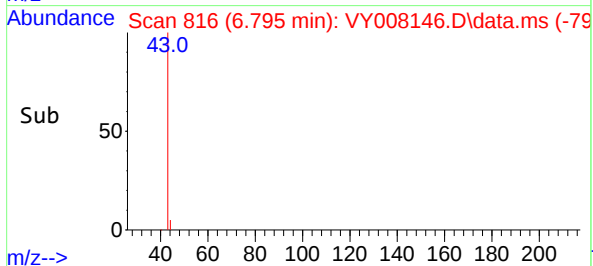
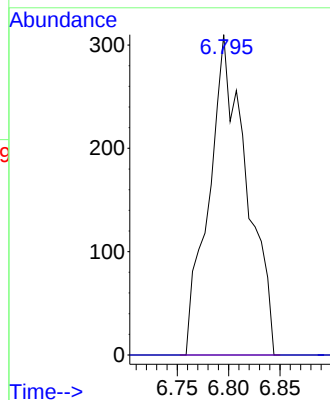
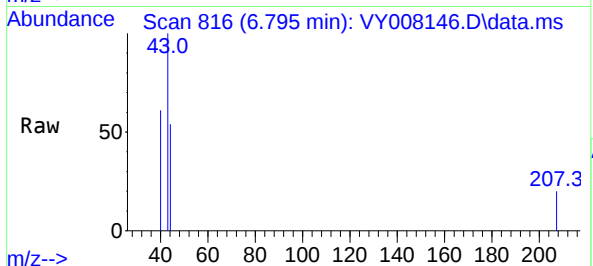
TP-3-1-5FT

Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.030 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

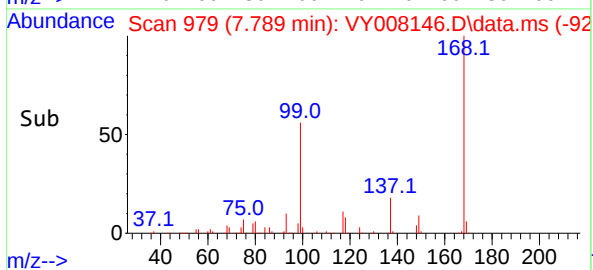
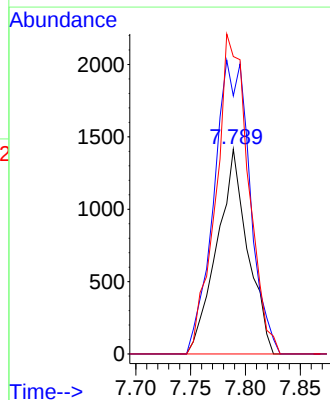
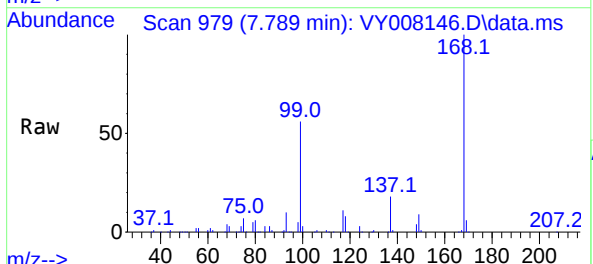
Tgt Ion: 56 Resp: 2778

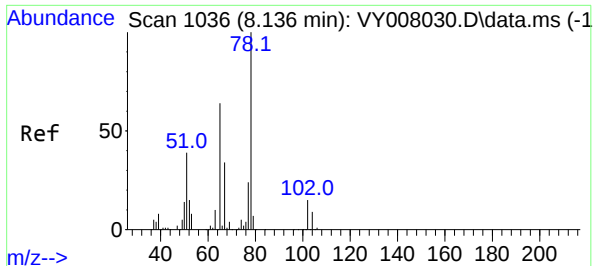
Ion Ratio Lower Upper

56 100

69 126.0 26.7 40.1#

84 145.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.512 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

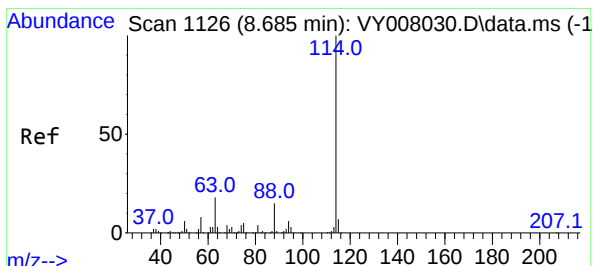
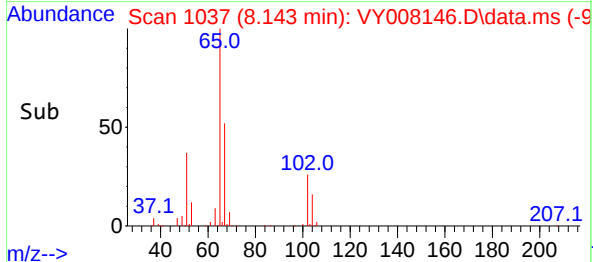
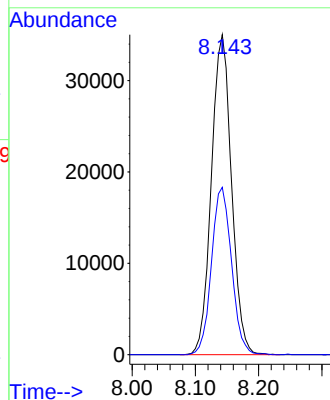
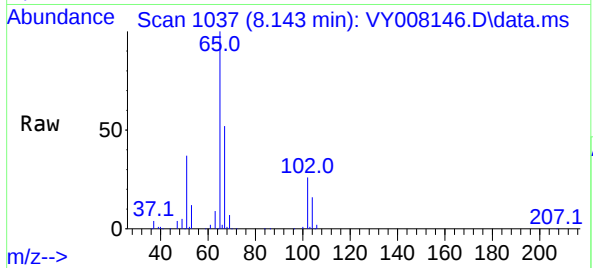
TP-3-1-5FT

Tgt Ion: 65 Resp: 77234

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008146.D

Acq: 31 Mar 2022 18:16

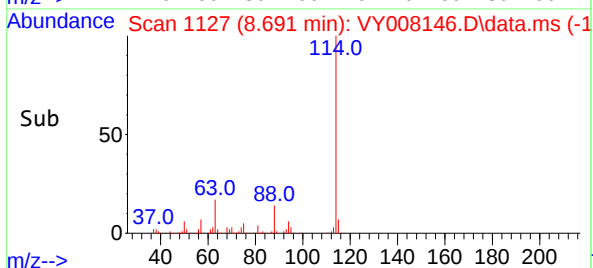
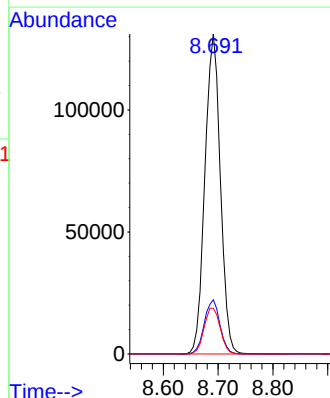
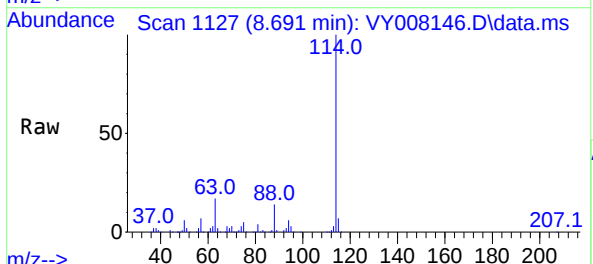
Tgt Ion: 114 Resp: 255927

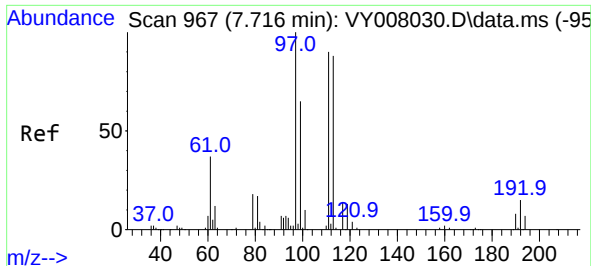
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.3 0.0 31.8

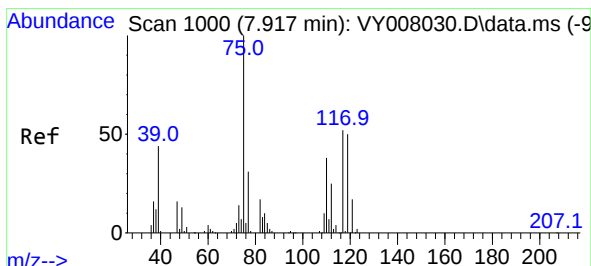
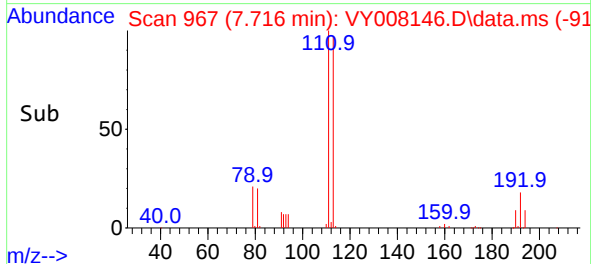
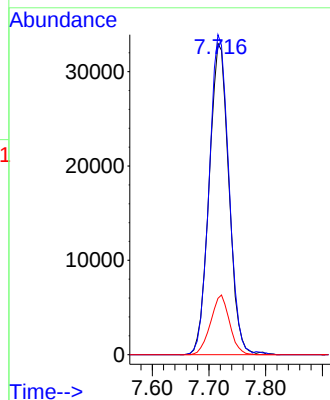
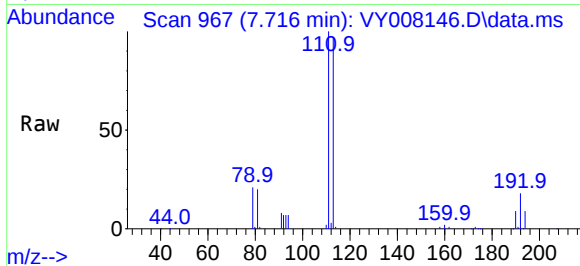




#35
Dibromofluoromethane
Concen: 49.678 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

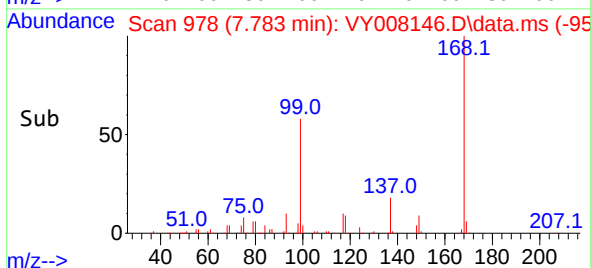
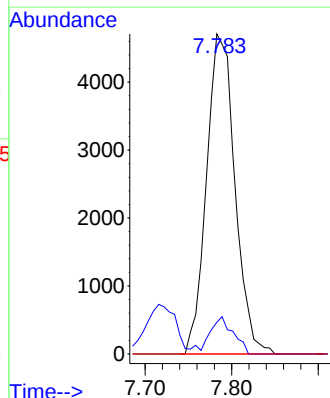
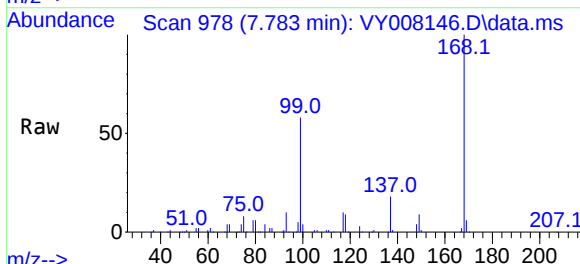
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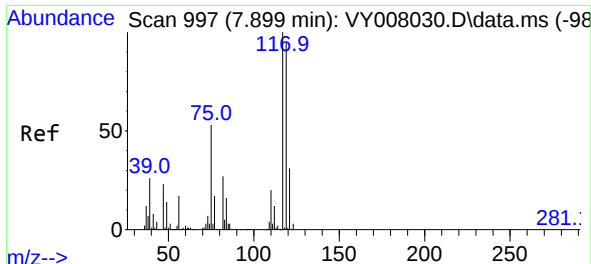
Tgt Ion:113 Resp: 79713
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.261 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

Tgt Ion: 75 Resp: 10739
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

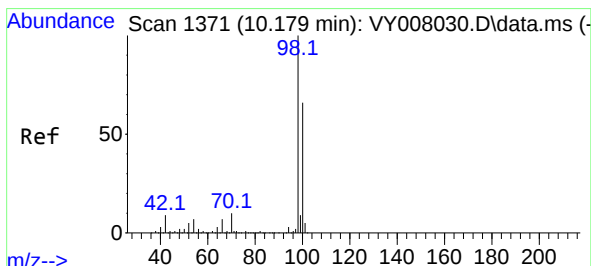
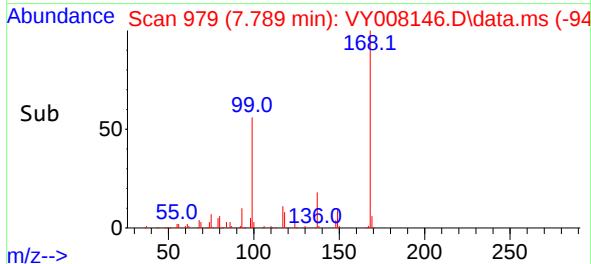
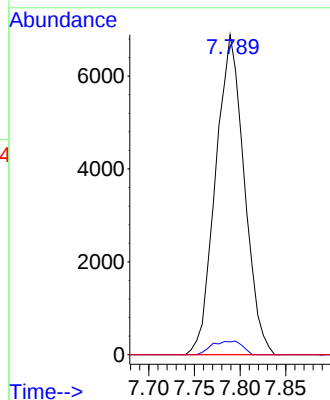
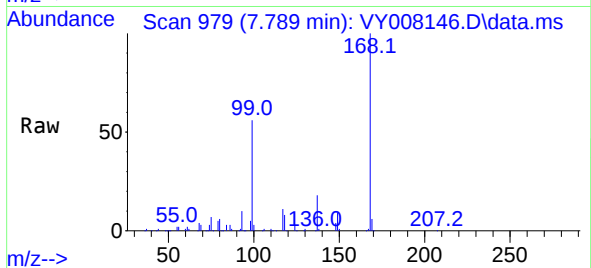




#38
Carbon Tetrachloride
Concen: 5.469 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

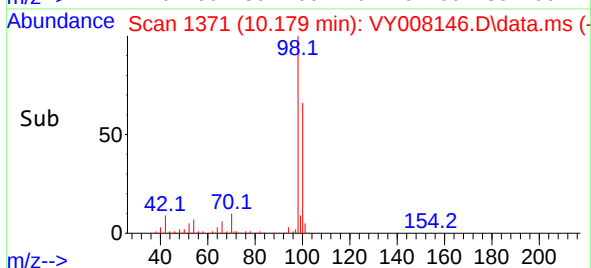
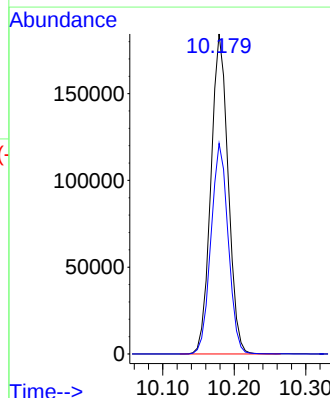
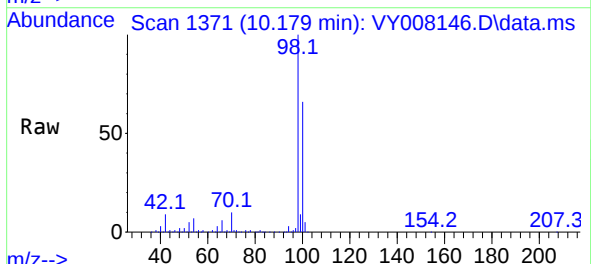
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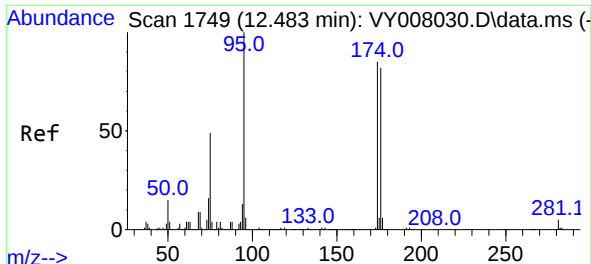
Tgt Ion:117 Resp: 15021
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

Tgt Ion: 98 Resp: 308452
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

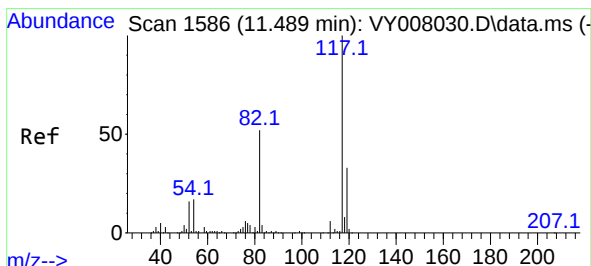
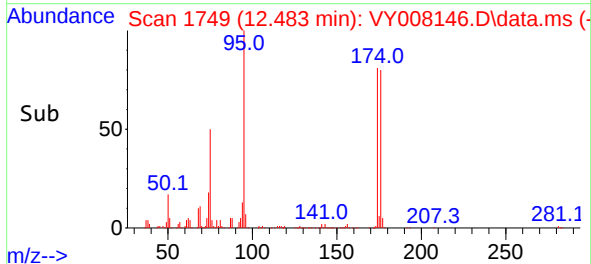
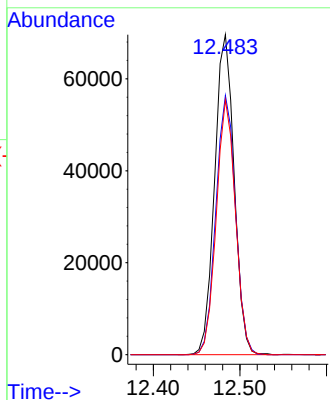
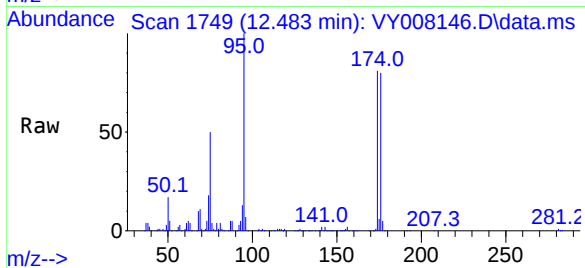




#62
4-Bromofluorobenzene
Concen: 51.104 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

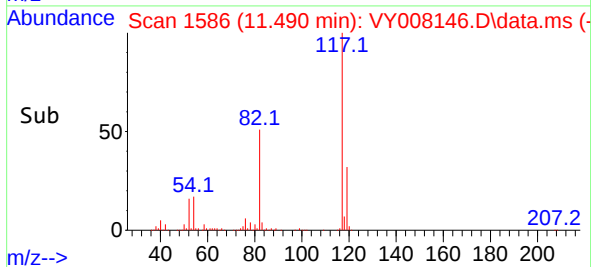
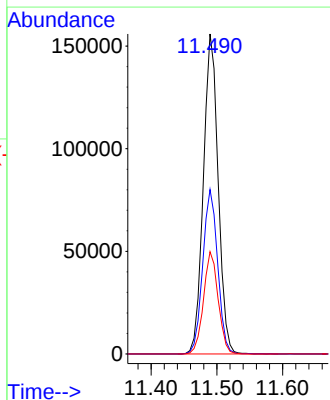
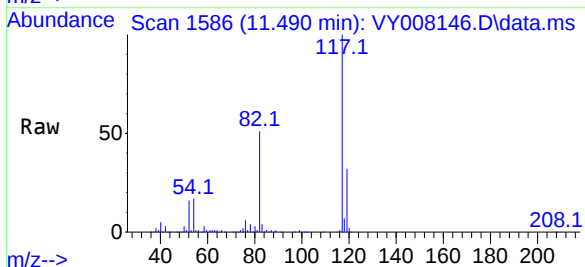
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-1-5FT

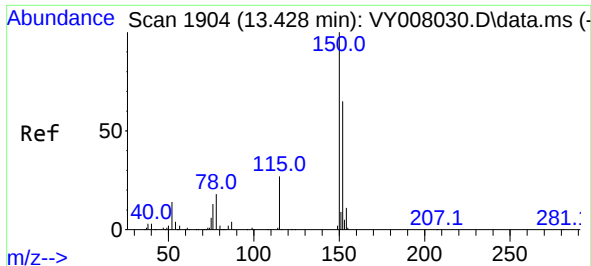
Tgt Ion: 95 Resp: 108995
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 78.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

Tgt Ion: 117 Resp: 244019
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.9 25.4 38.0

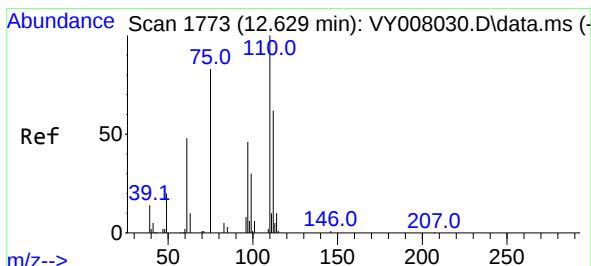
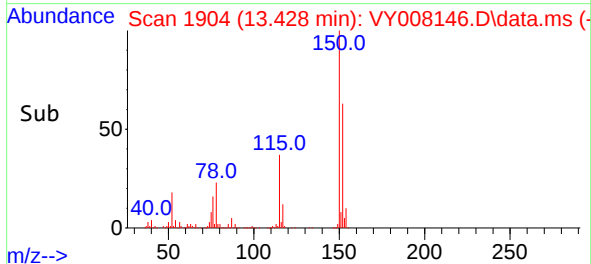
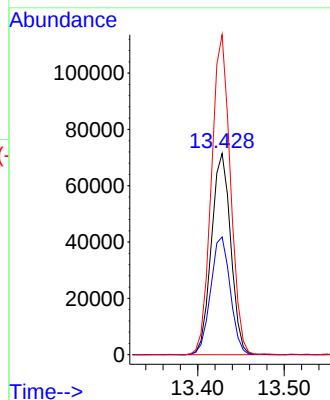
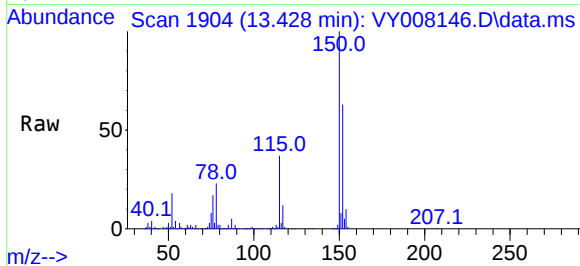




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008146.D
 Acq: 31 Mar 2022 18:16

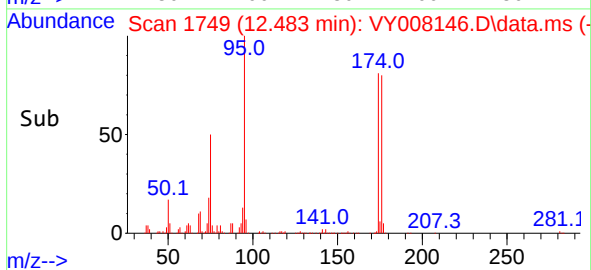
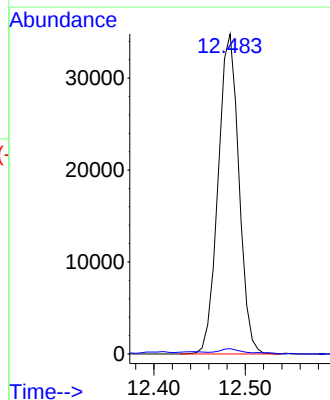
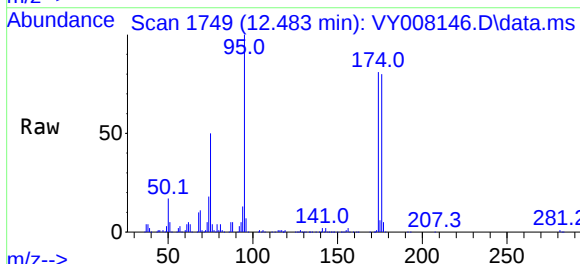
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-1-5FT

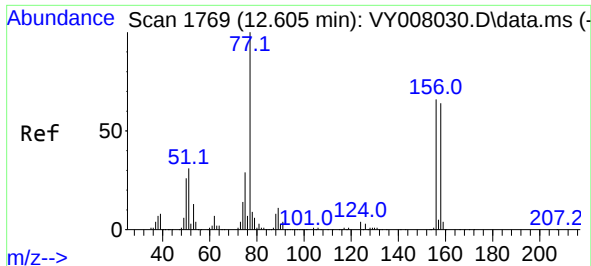
Tgt Ion:152 Resp: 110811
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.680 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008146.D
 Acq: 31 Mar 2022 18:16

Tgt Ion: 75 Resp: 54950
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

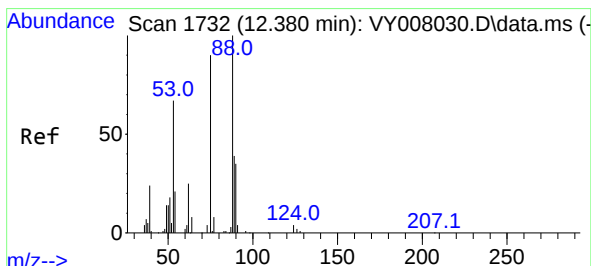
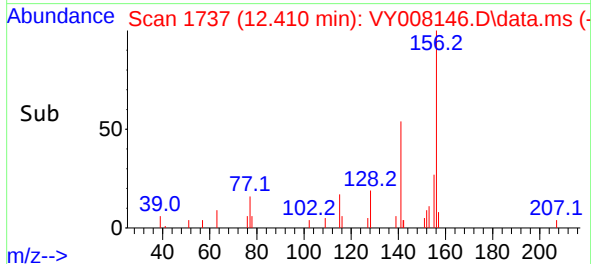
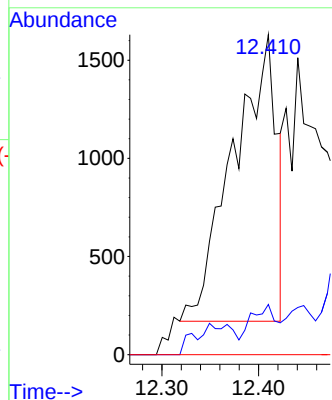
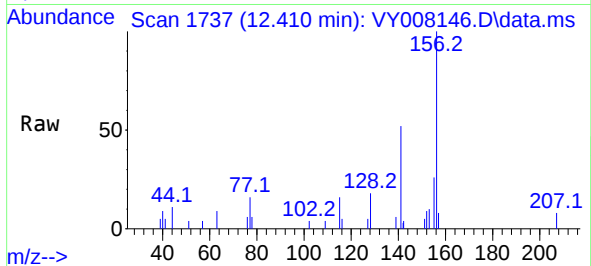




#77
Bromobenzene
Concen: 2.172 ug/l
RT: 12.410 min Scan# 11
Delta R.T. -0.195 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

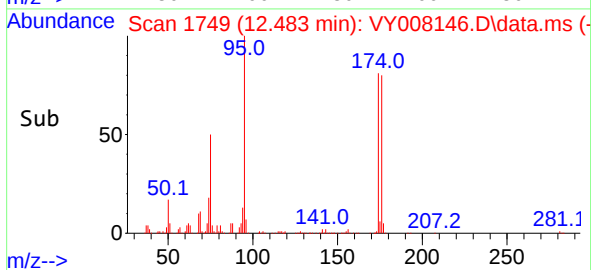
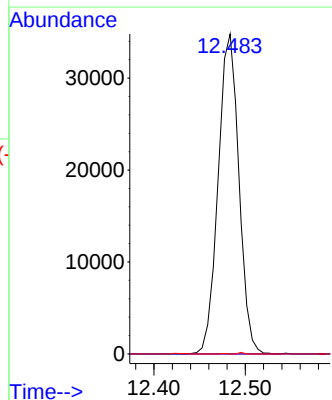
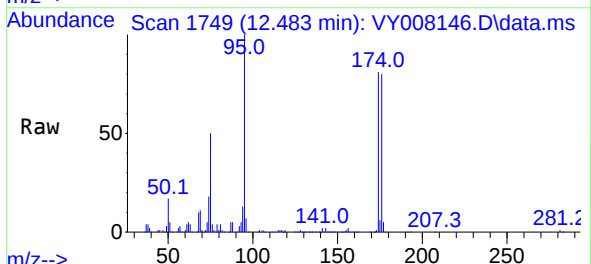
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-1-5FT

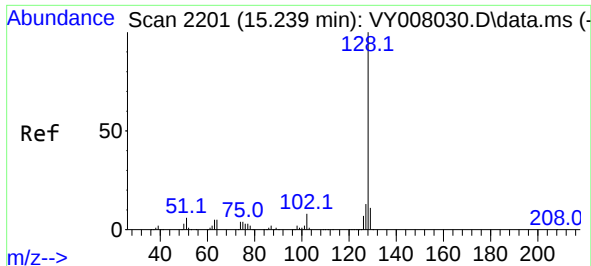
Tgt Ion:156 Resp: 4558
Ion Ratio Lower Upper
156 100
77 10.7 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

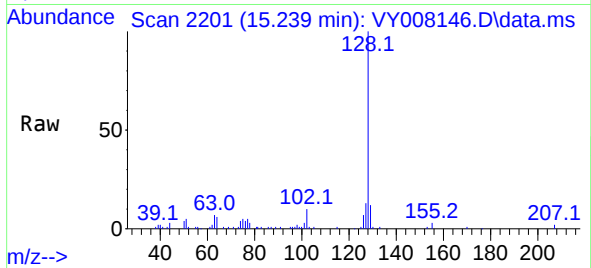
Tgt Ion: 75 Resp: 54950
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.931 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008146.D
Acq: 31 Mar 2022 18:16

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-1-5FT



Tgt Ion:128 Resp: 19061

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	11.7	8.4	12.6

