

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008811.D
 Acq On : 18 May 2022 14:09
 Operator : KP/MD
 Sample : N2781-16
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS005-0006-01

Quant Time: May 19 03:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

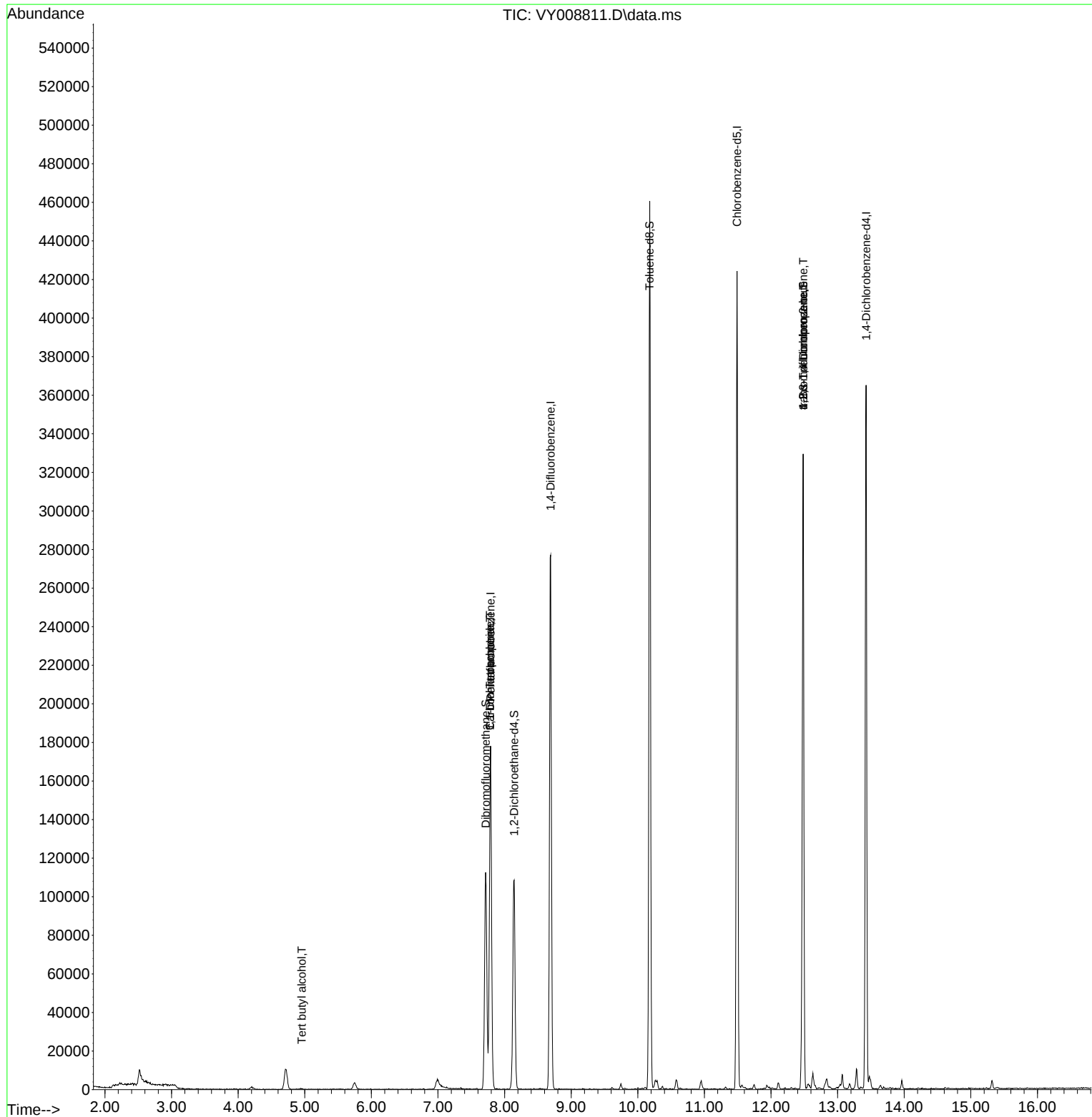
Internal Standards						
1) Pentafluorobenzene	7.789	168	133902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82487	66.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.800%
35) Dibromofluoromethane	7.716	113	76452	55.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.179	98	291750	47.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.483	95	86780	40.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	286	Below Cal	#	43
3) Chloromethane	2.125	50	247	Below Cal	#	85
4) Vinyl Chloride	2.266	62	122	Below Cal	#	43
5) Bromomethane	2.625	94	41	Below Cal	#	4
6) Chloroethane	3.046	64	31	Below Cal	#	43
7) Trichlorofluoromethane	3.125	101	45	Below Cal	#	83
11) Tert butyl alcohol	4.954	59	466	3.394 ug/l	#	77
16) Acetone	3.948	43	321	Below Cal		90
18) Methyl Acetate	4.418	43	21	Below Cal	#	56
20) Methylene Chloride	4.710	84	8083	Below Cal		92
31) Cyclohexane	7.783	56	3132	Below Cal	#	27
36) 1,1-Dichloropropene	7.783	75	11210	5.043 ug/l	#	49
38) Carbon Tetrachloride	7.783	117	13175	5.530 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	48388	47.162 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48388	103.157 ug/l	#	8

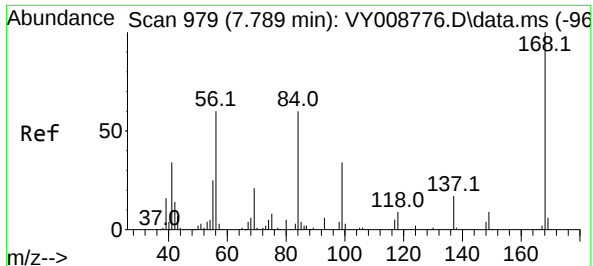
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008811.D
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P011-SS005-0006-01

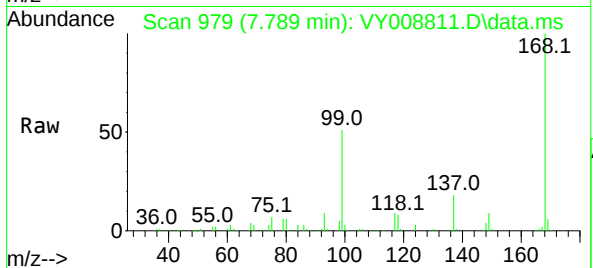
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



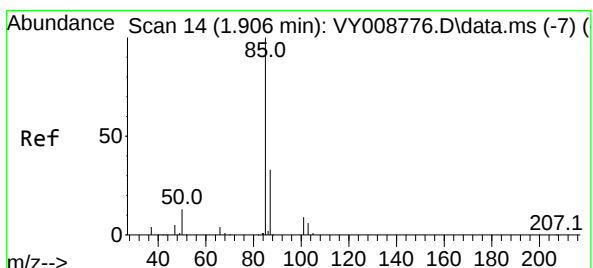
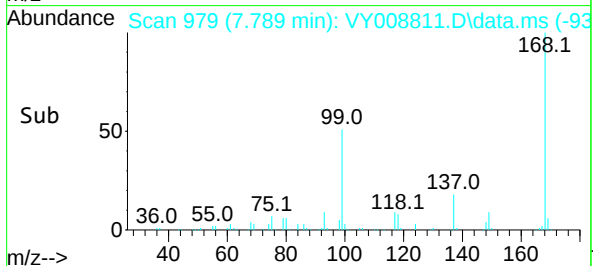
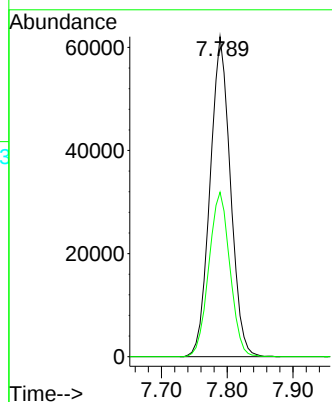


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

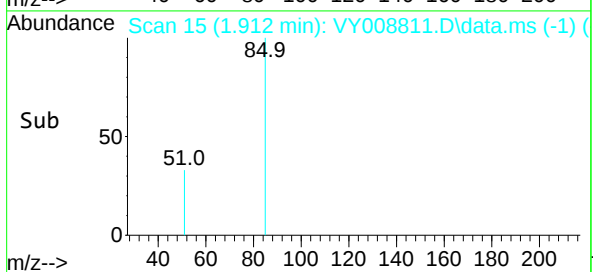
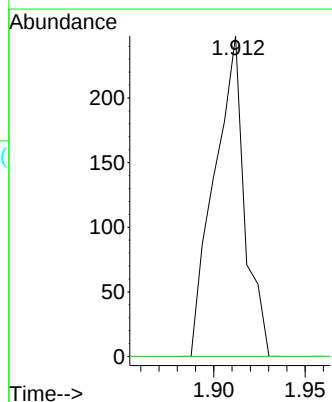
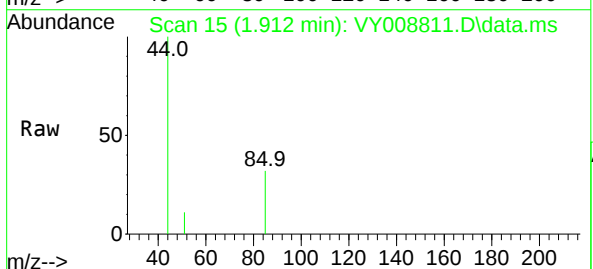


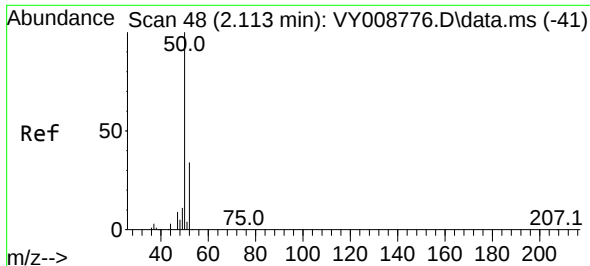
Tgt Ion:168 Resp: 133902
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 85 Resp: 286
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

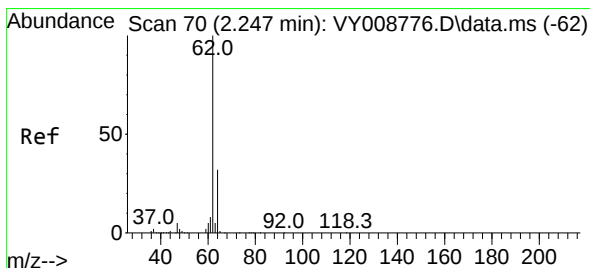
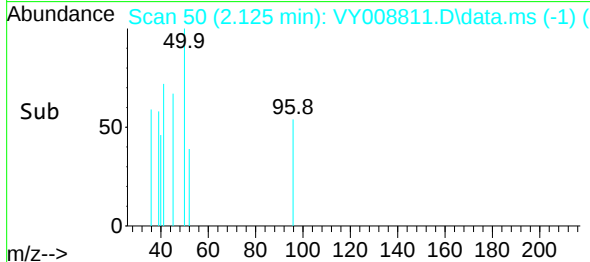
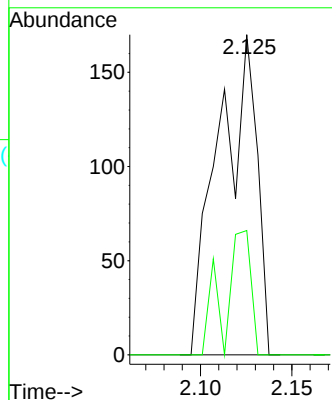
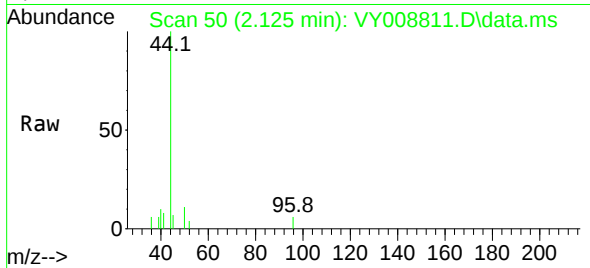




#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

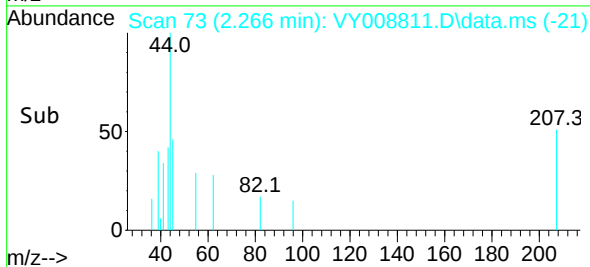
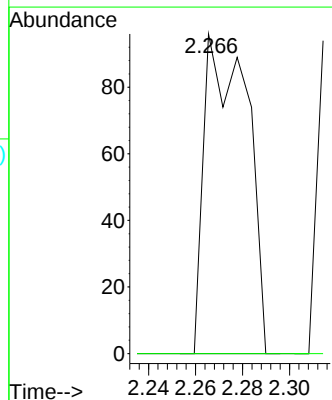
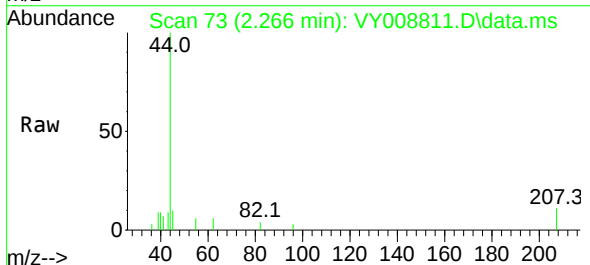
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

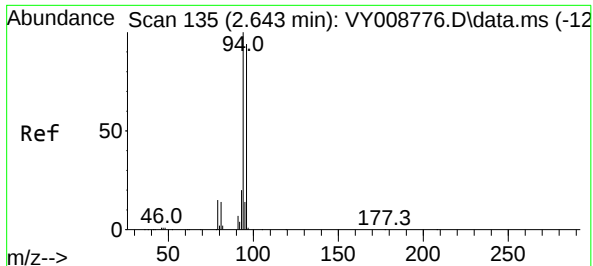
Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 38.8 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.019 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 62 Resp: 122
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

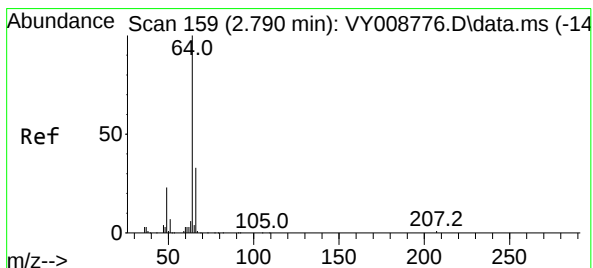
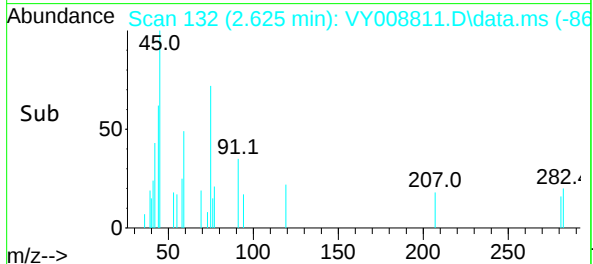
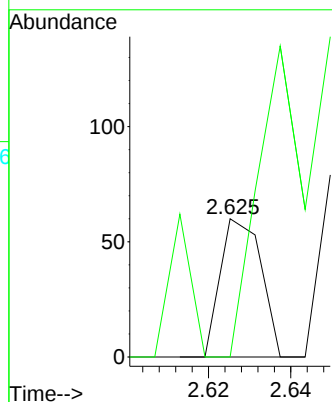
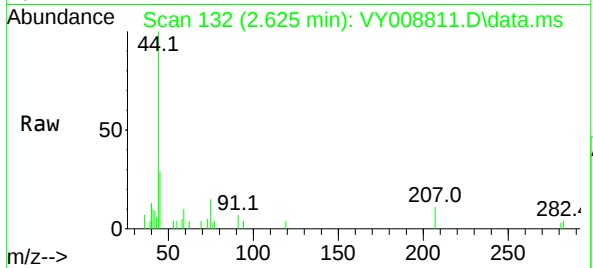




#5
Bromomethane
Concen: Below Cal
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

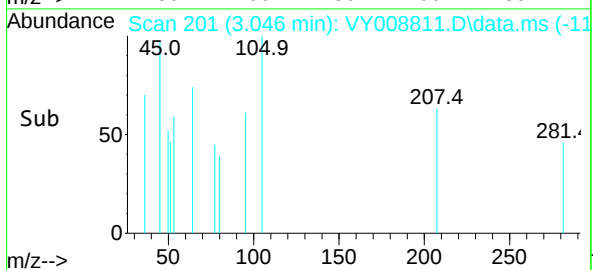
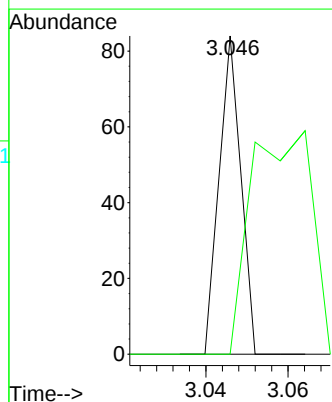
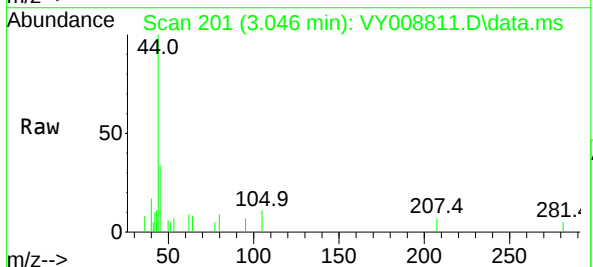
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

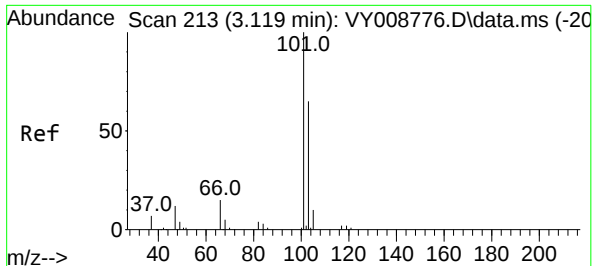
Tgt Ion: 94 Resp: 41
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.046 min Scan# 201
Delta R.T. 0.256 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 64 Resp: 31
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

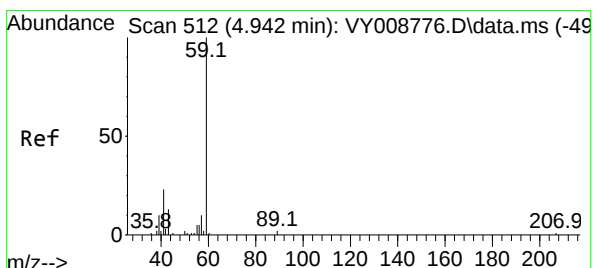
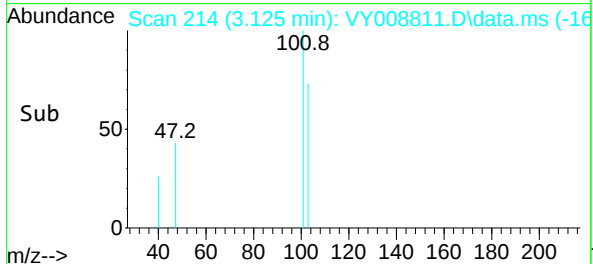
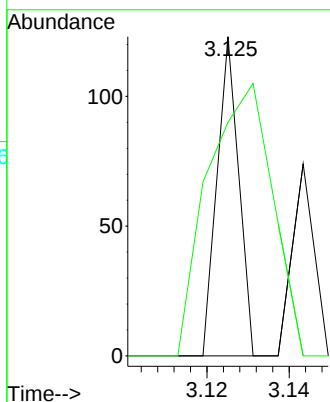
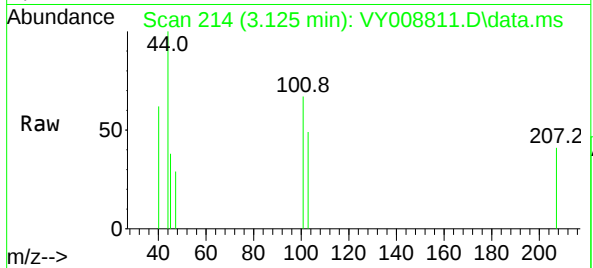




#7
 Trichlorofluoromethane
 Concen: Below Cal
 RT: 3.125 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY008811.D
 Acq: 18 May 2022 14:09

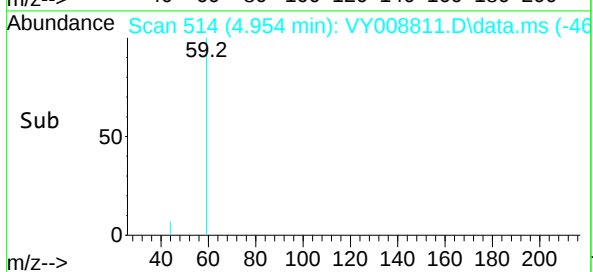
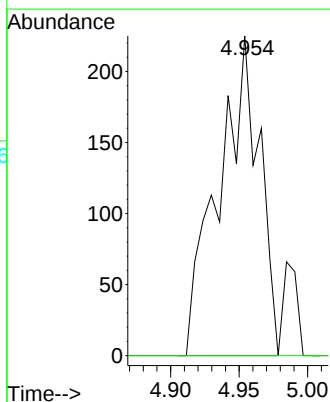
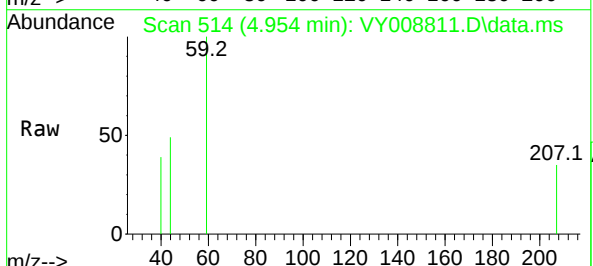
Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS005-0006-01

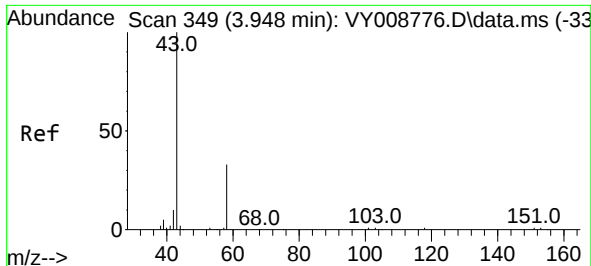
Tgt Ion:101 Resp: 45
 Ion Ratio Lower Upper
 101 100
 103 73.2 48.0 72.0#



#11
 Tert butyl alcohol
 Concen: 3.394 ug/l
 RT: 4.954 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: VY008811.D
 Acq: 18 May 2022 14:09

Tgt Ion: 59 Resp: 466
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.4 9.6#

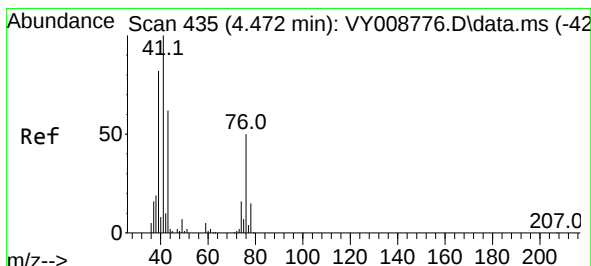
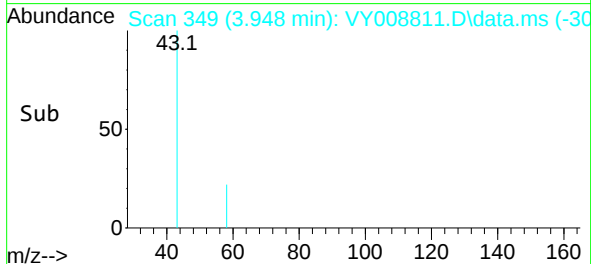
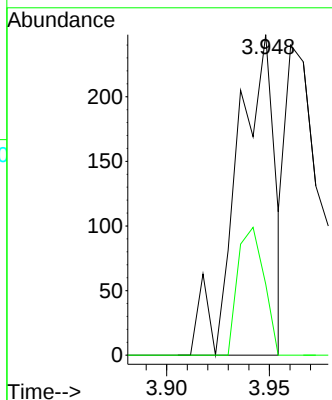
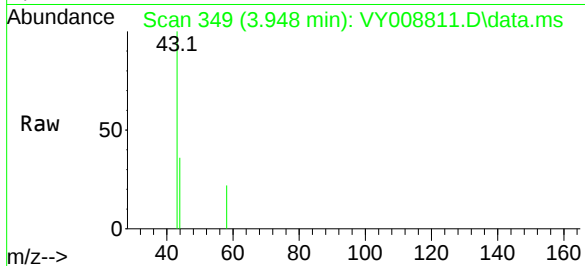




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

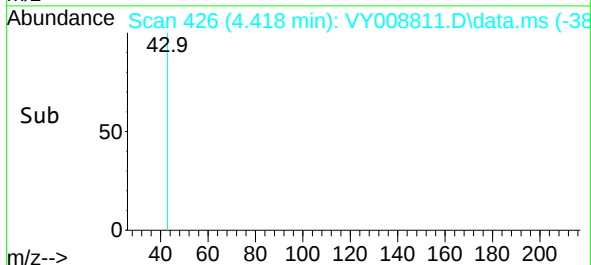
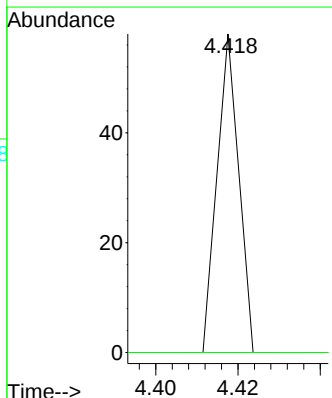
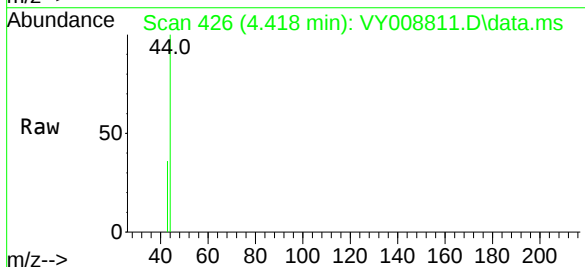
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

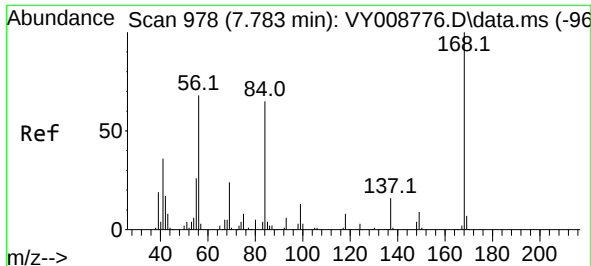
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 22.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.418 min Scan# 426
Delta R.T. -0.054 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

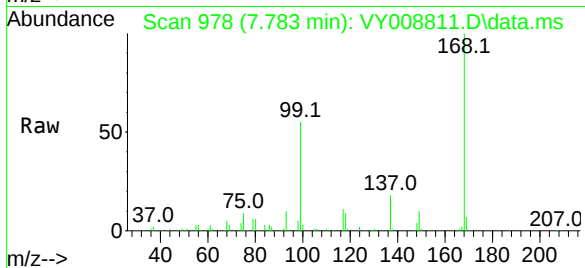
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



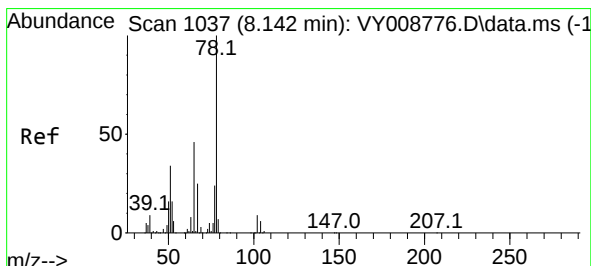
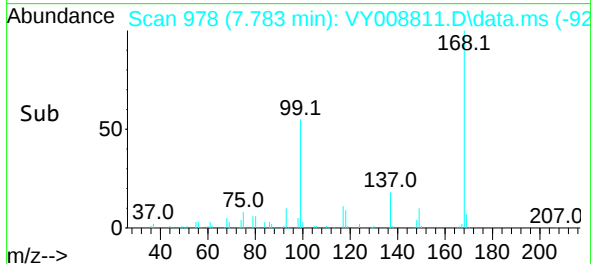
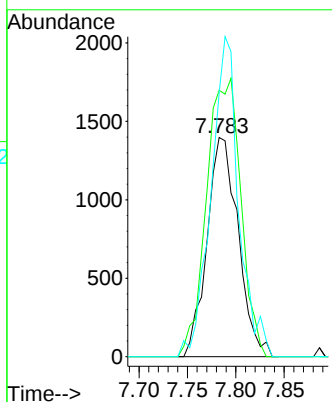


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Instrument :
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ClientSampleId :
P011-SS005-0006-01

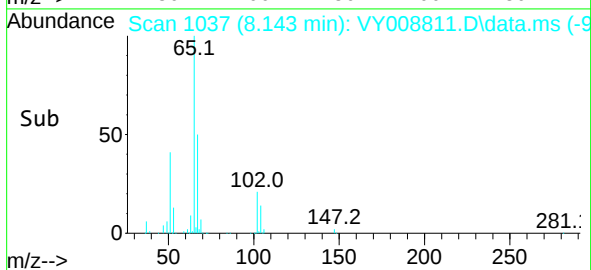
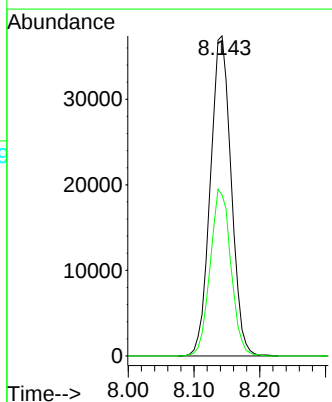
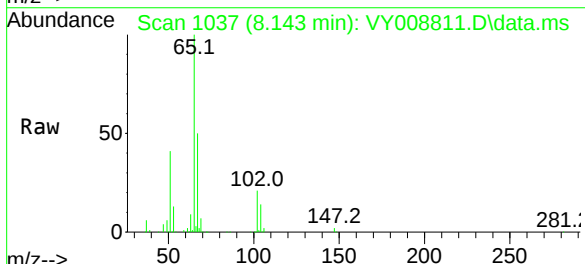


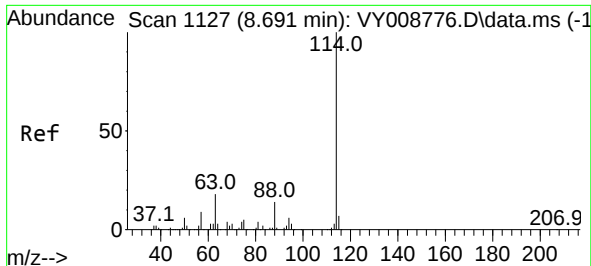
Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 121.5 26.7 40.1#
84 120.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.403 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 65 Resp: 82487
Ion Ratio Lower Upper
65 100
67 51.8 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: VY008811.D

Acq: 18 May 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS005-0006-01

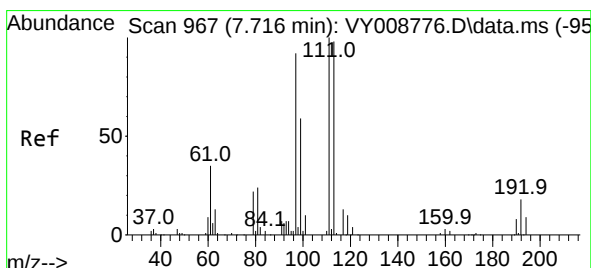
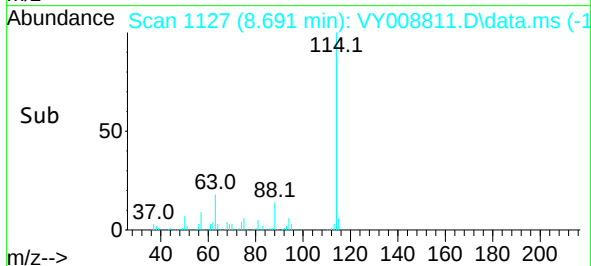
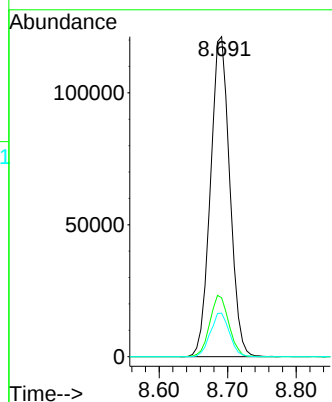
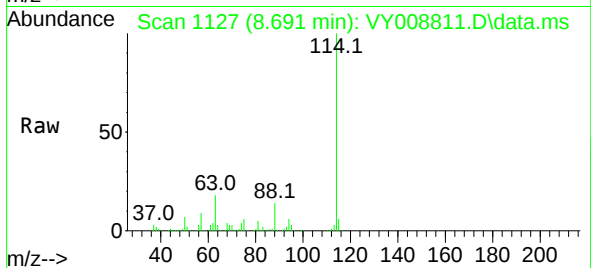
Tgt Ion:114 Resp: 237544

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.084 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008811.D

Acq: 18 May 2022 14:09

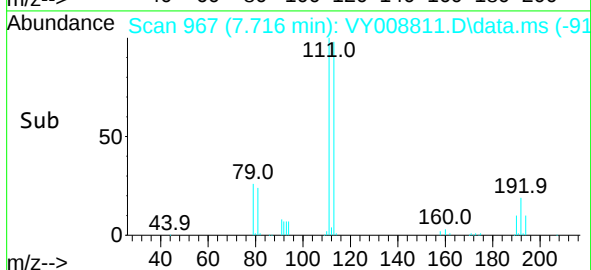
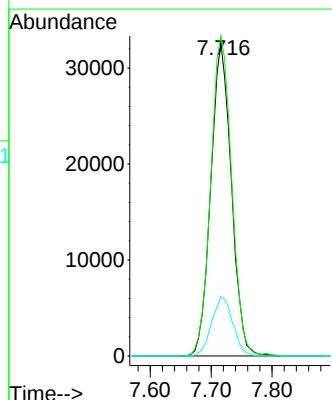
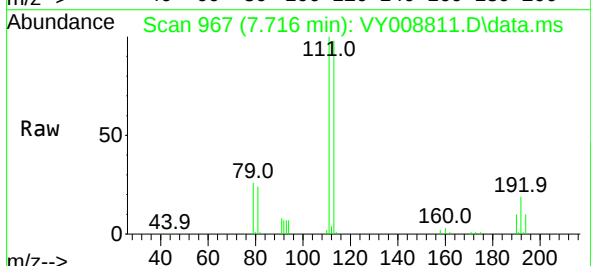
Tgt Ion:113 Resp: 76452

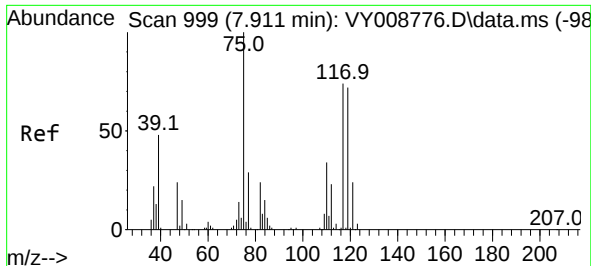
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.5 17.6 26.4

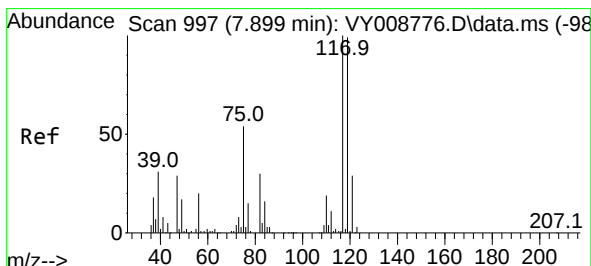
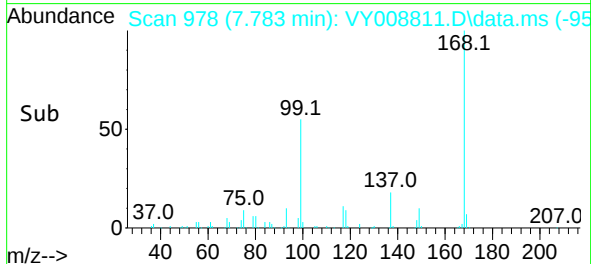
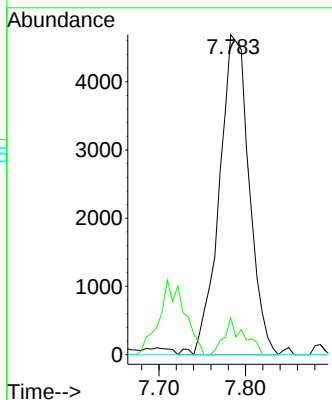
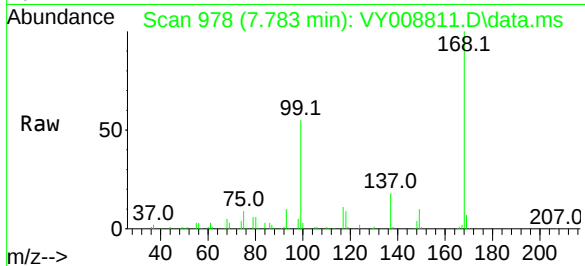




#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

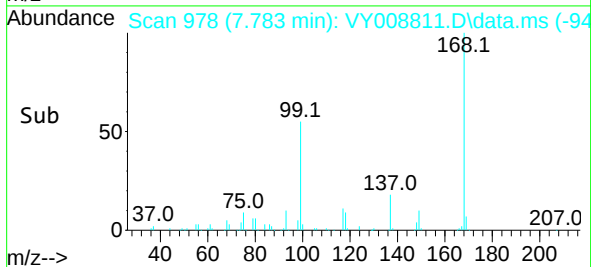
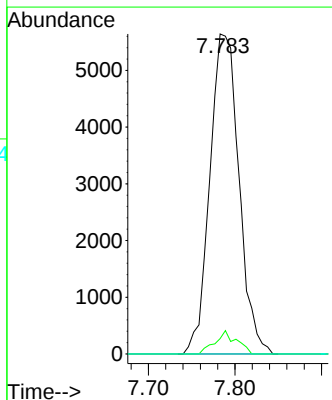
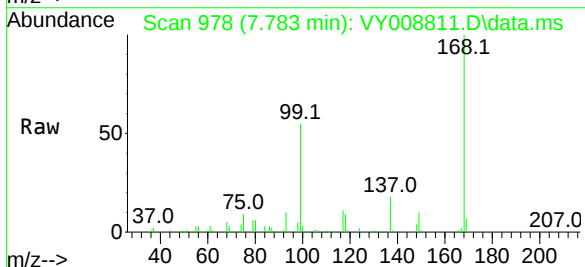
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

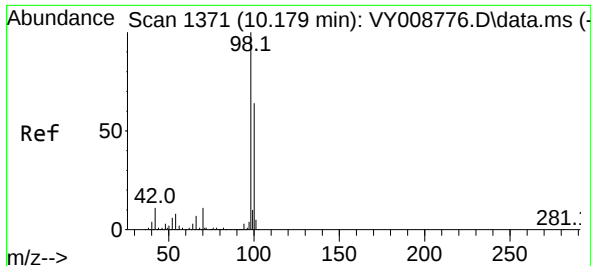
Tgt Ion: 75 Resp: 11210
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 117 Resp: 13175
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

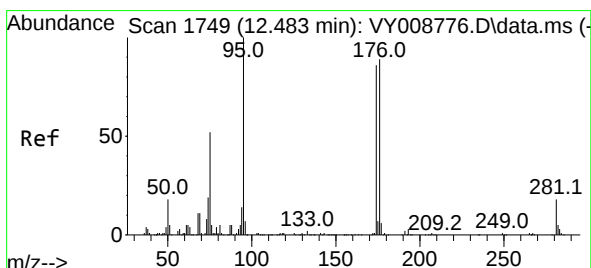
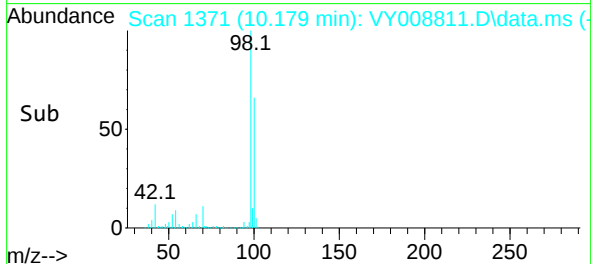
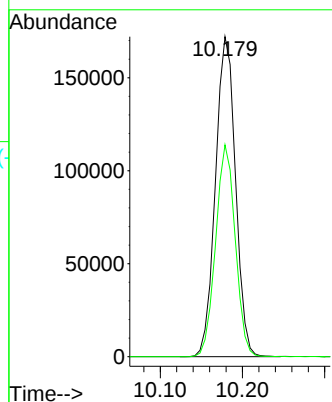
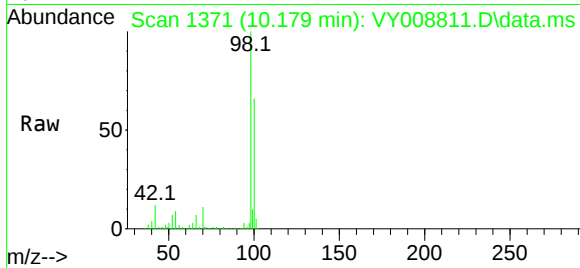




#50
Toluene-d8
Concen: 47.463 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

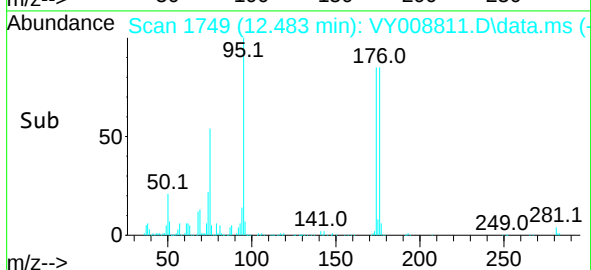
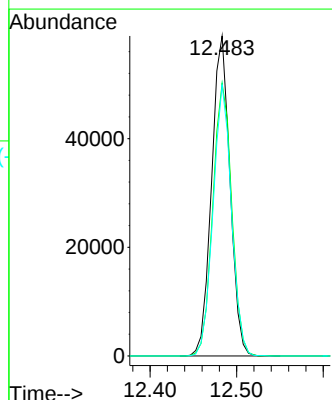
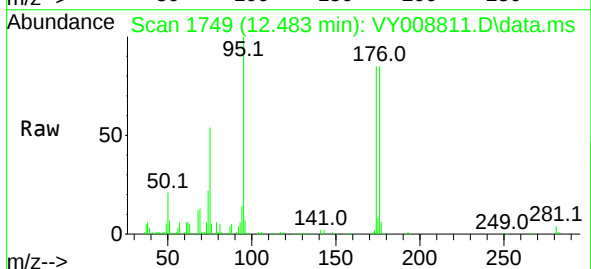
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

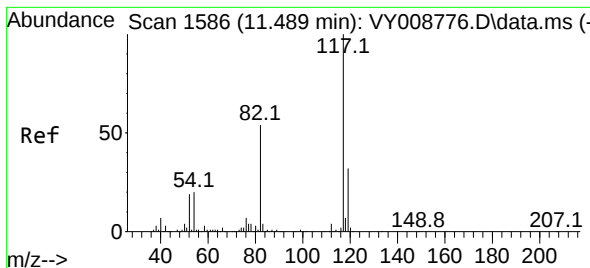
Tgt Ion: 98 Resp: 291750
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008811.D
Acq: 18 May 2022 14:09

Tgt Ion: 95 Resp: 86780
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008811.D

Acq: 18 May 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS005-0006-01

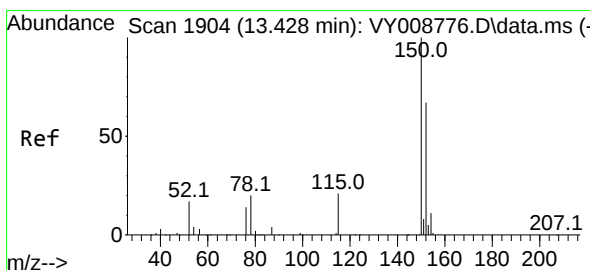
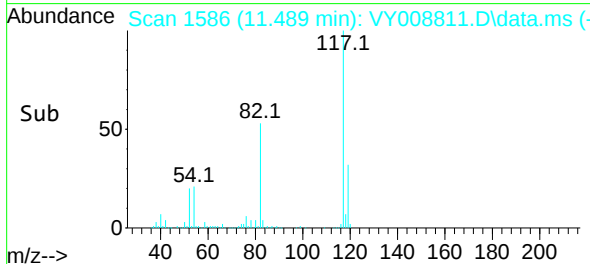
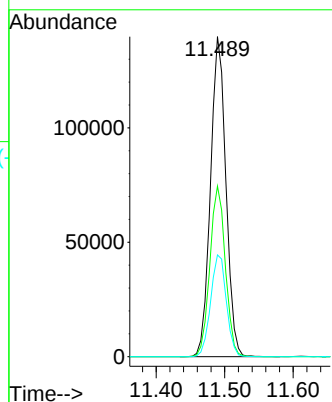
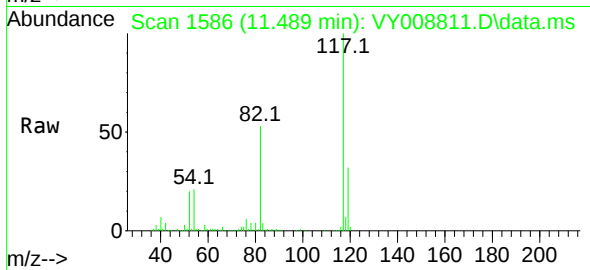
Tgt Ion:117 Resp: 218296

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.8 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: VY008811.D

Acq: 18 May 2022 14:09

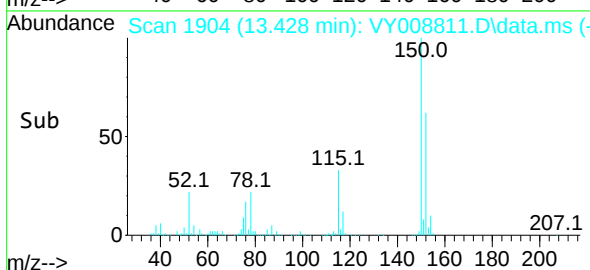
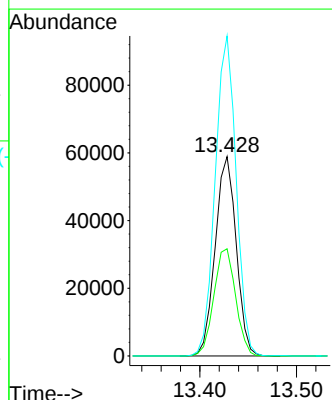
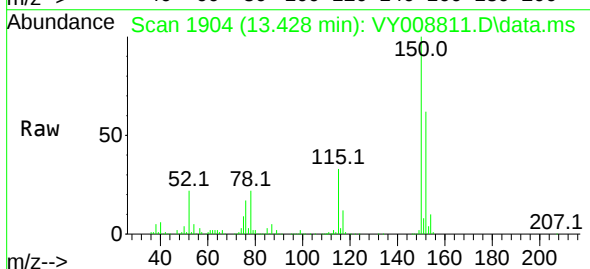
Tgt Ion:152 Resp: 88820

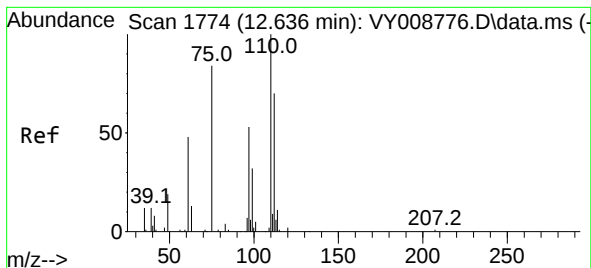
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 159.5 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 47.162 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008811.D

Acq: 18 May 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

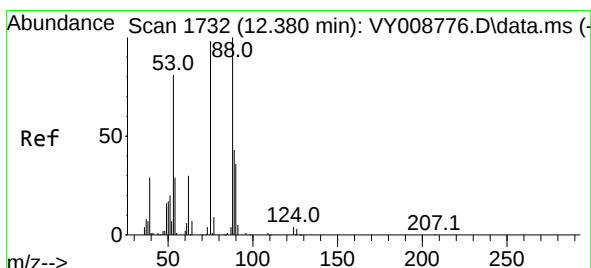
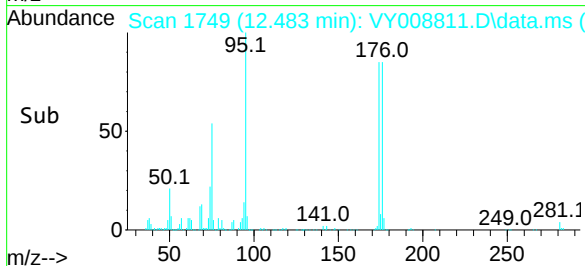
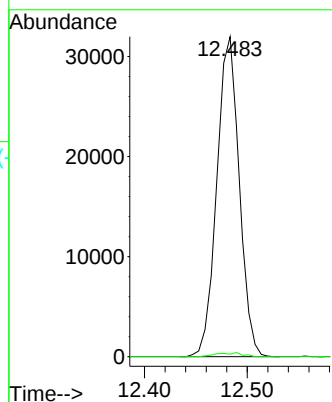
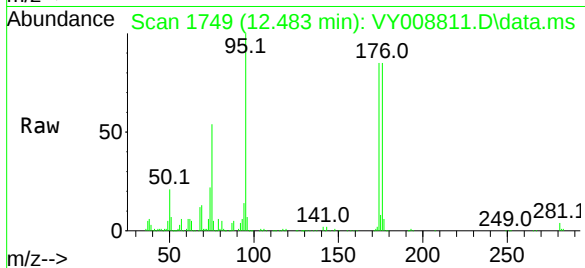
P011-SS005-0006-01

Tgt Ion: 75 Resp: 48388

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.157 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY008811.D

Acq: 18 May 2022 14:09

Tgt Ion: 75 Resp: 48388

Ion Ratio Lower Upper

75 100

53 1.4 85.3 127.9#

89 0.0 37.0 55.4#

