

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007893.D
 Acq On : 18 Mar 2022 11:19
 Operator : SY/MD
 Sample : VY0318SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01

Quant Time: Mar 19 00:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

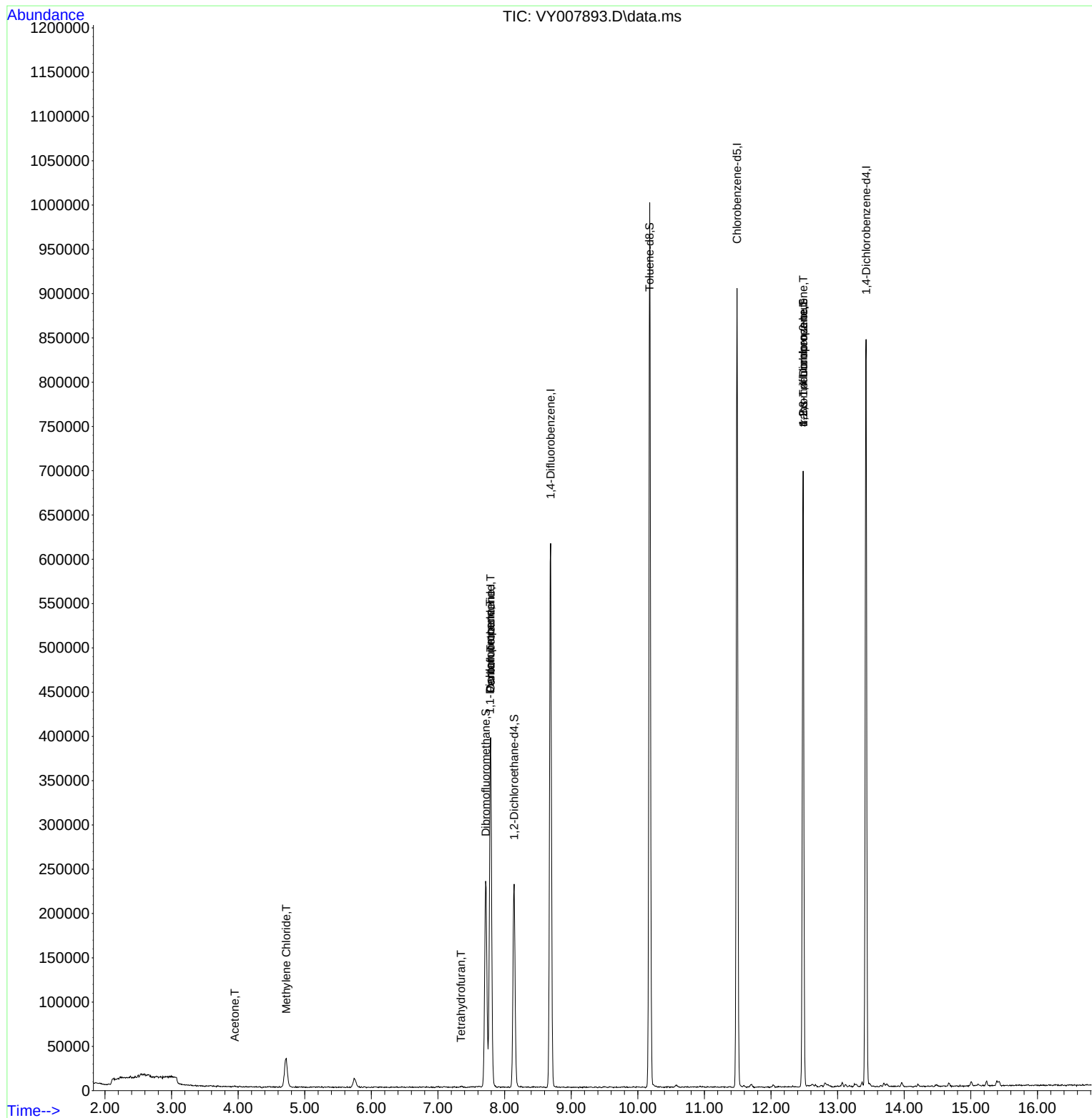
Internal Standards						
1) Pentafluorobenzene	7.789	168	308063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	541140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	488281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	174728	49.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.716	113	168006	44.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.420%
50) Toluene-d8	10.179	98	641129	56.658	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.320%
62) 4-Bromofluorobenzene	12.483	95	226997	41.618	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.240%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	207	Below Cal	#	43
3) Chloromethane	2.113	50	1783	Below Cal	#	73
4) Vinyl Chloride	2.253	62	161	Below Cal	#	11
5) Bromomethane	2.668	94	941	Below Cal	#	49
16) Acetone	3.948	43	1864	2.000	ug/l	96
17) Carbon Disulfide	4.204	76	123	Below Cal	#	75
18) Methyl Acetate	4.466	43	328	Below Cal	#	70
20) Methylene Chloride	4.722	84	25433	2.661	ug/l	# 79
29) Tetrahydrofuran	7.344	42	1059	1.107	ug/l	# 59
31) Cyclohexane	7.783	56	6367	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	23854	4.232	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	30521	5.067	ug/l	# 16
39) Methylcyclohexane	9.191	83	93	Below Cal	#	61
76) 1,2,3-Trichloropropane	12.483	75	113233	36.546	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	113233	76.761	ug/l	# 7

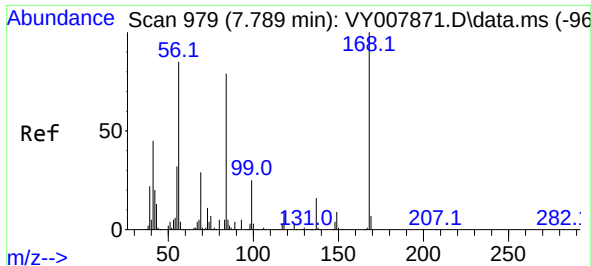
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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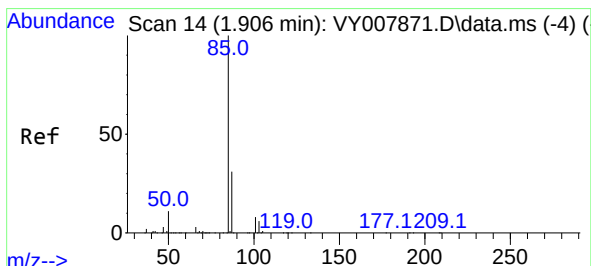
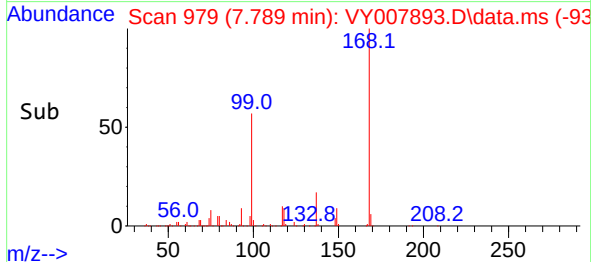
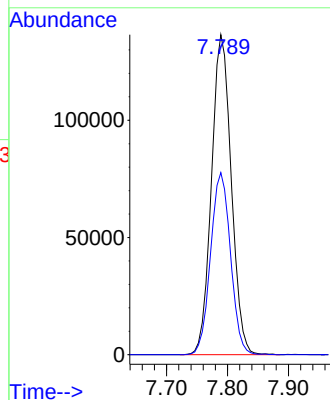
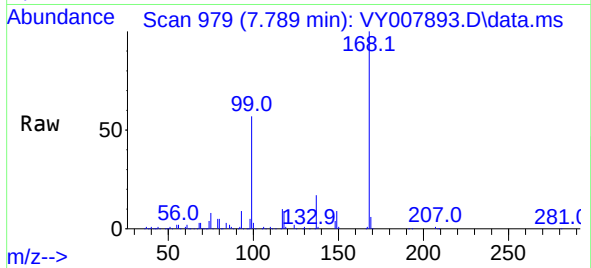




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

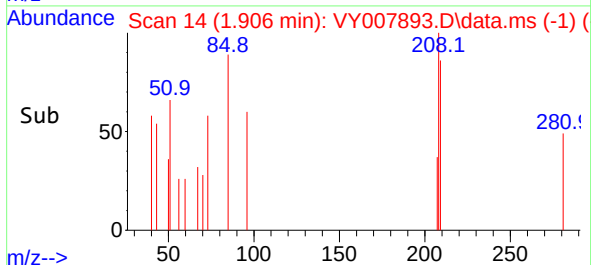
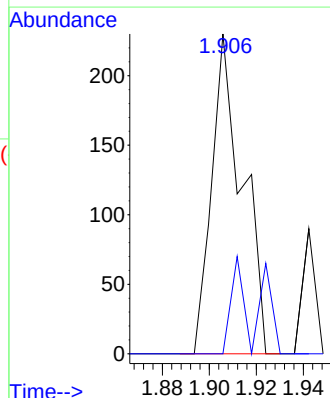
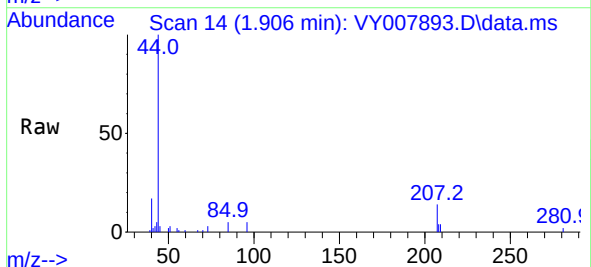
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

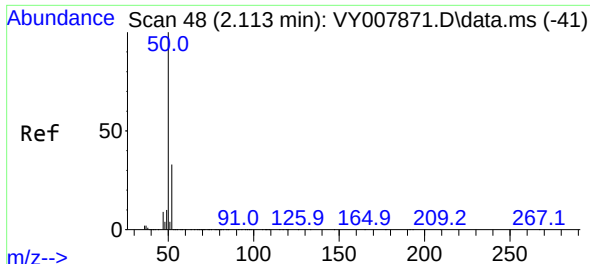
Tgt Ion:168 Resp: 308063
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 85 Resp: 207
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

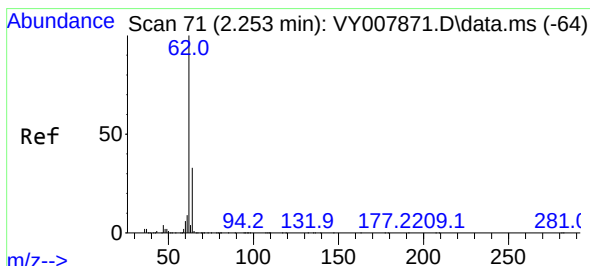
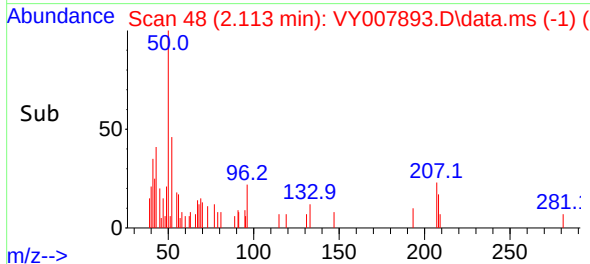
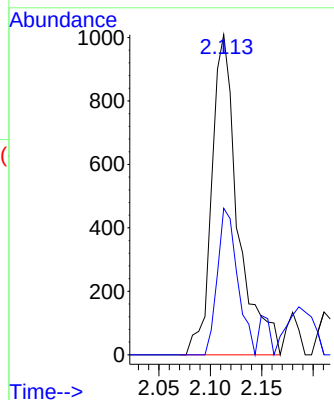
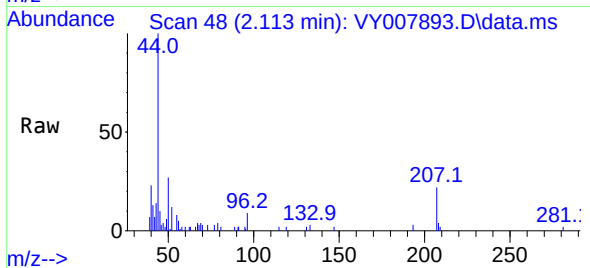




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

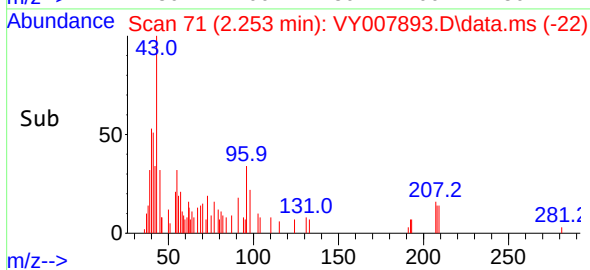
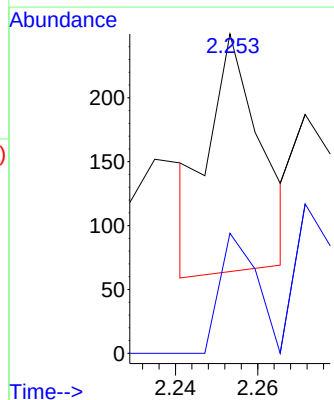
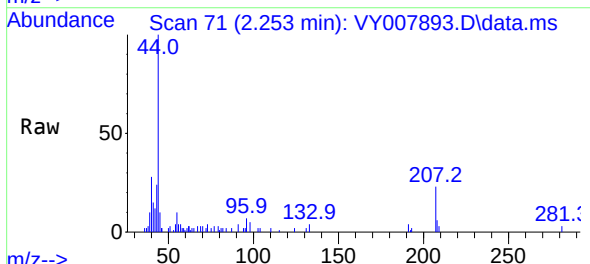
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

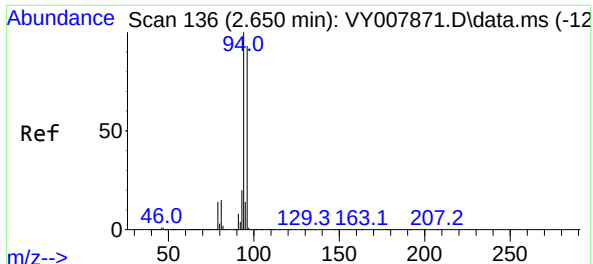
Tgt Ion: 50 Resp: 1783
Ion Ratio Lower Upper
50 100
52 45.8 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 62 Resp: 161
Ion Ratio Lower Upper
62 100
64 80.3 25.0 37.6#

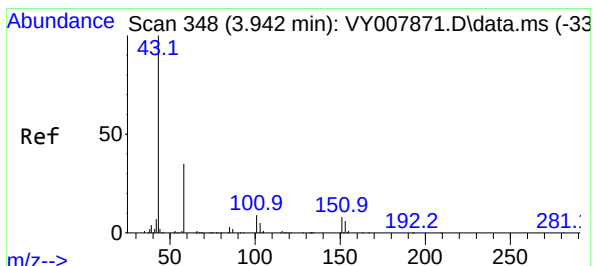
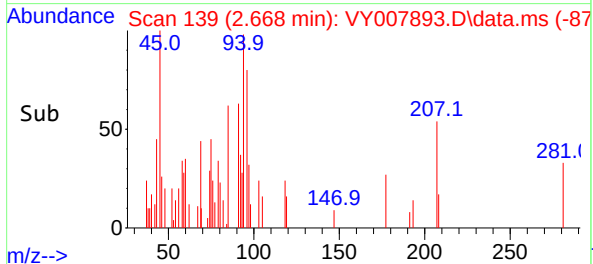
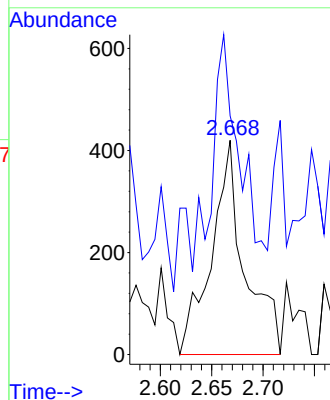
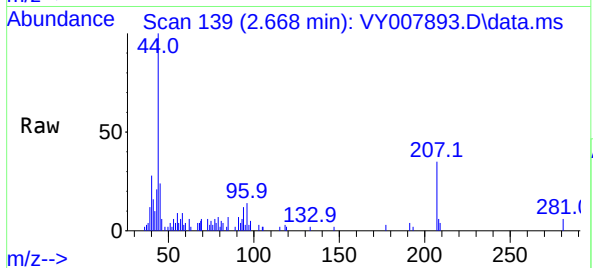




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

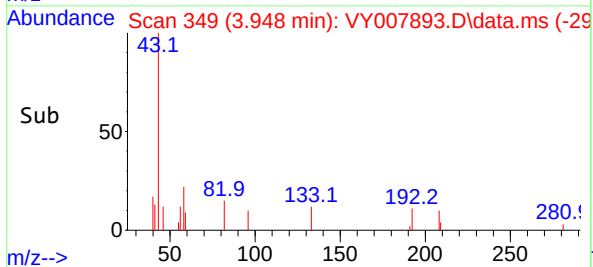
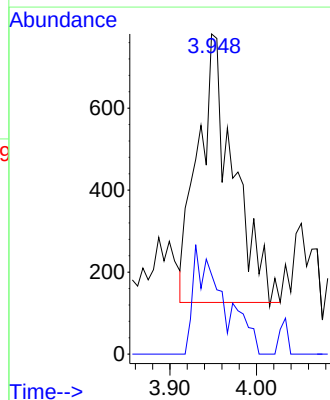
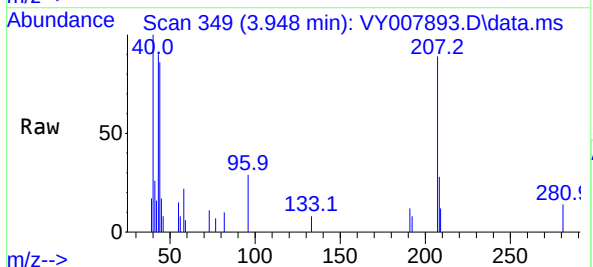
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

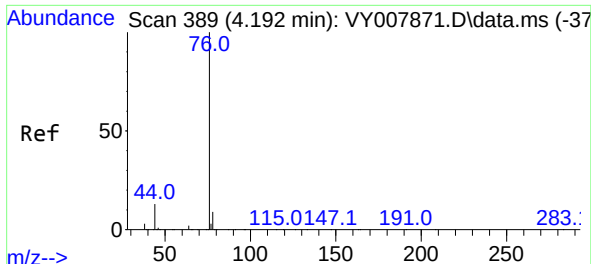
Tgt Ion: 94 Resp: 941
Ion Ratio Lower Upper
94 100
96 43.1 73.5 110.3#



#16
Acetone
Concen: 2.000 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0

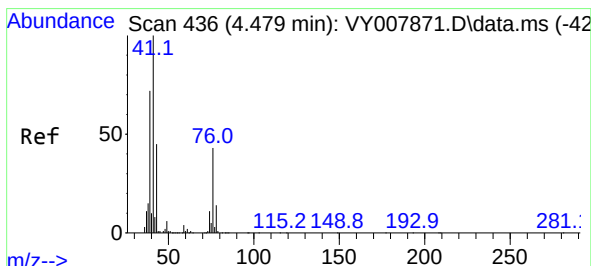
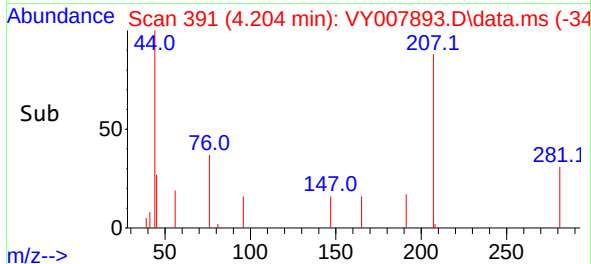
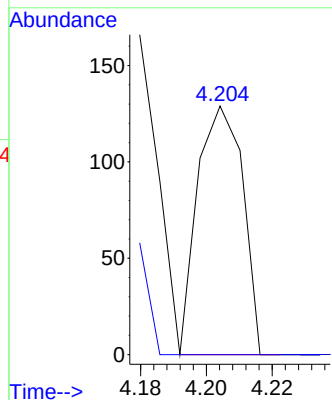
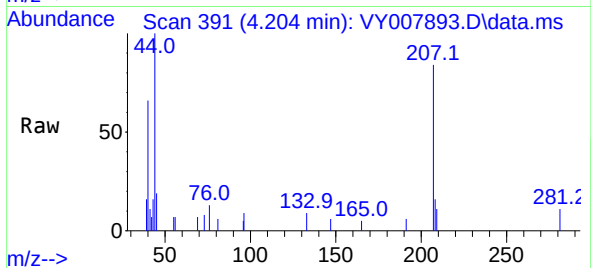




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

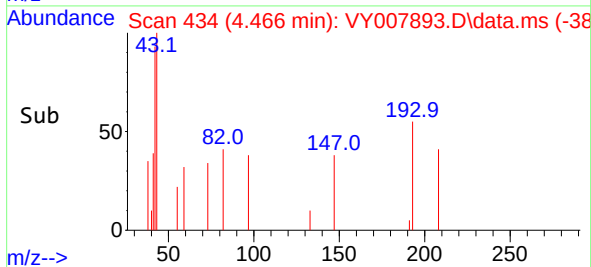
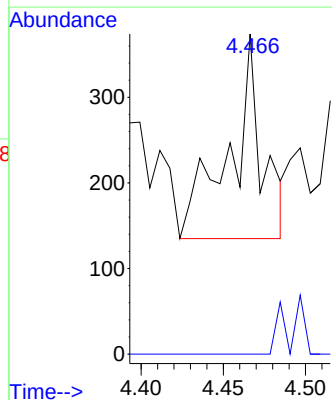
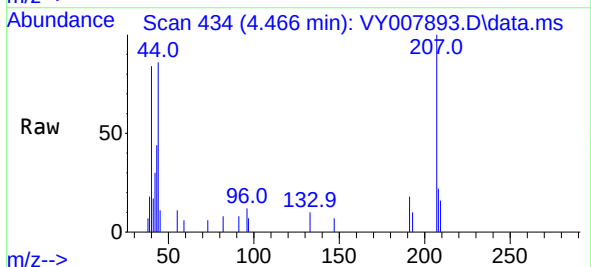
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

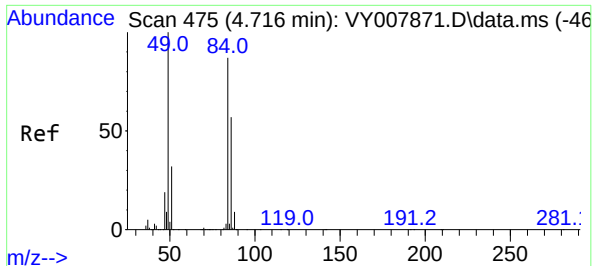
Tgt Ion: 76 Resp: 123
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
74 6.7 16.6 24.8#

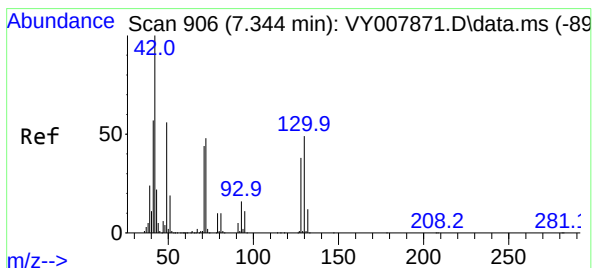
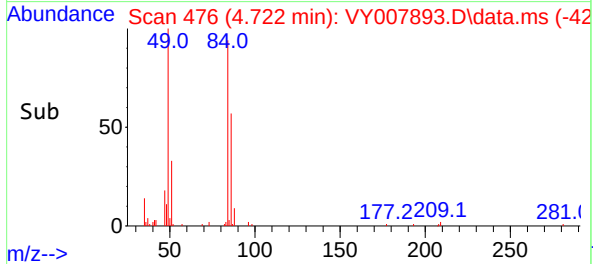
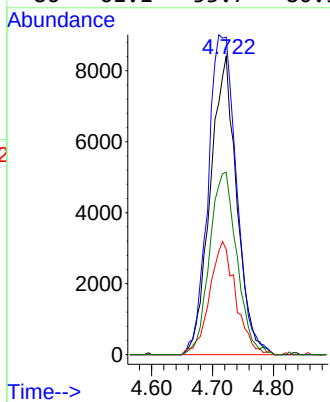
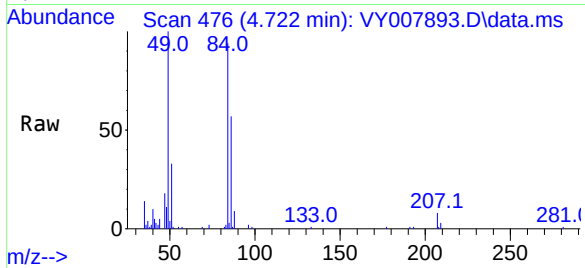




#20
Methylene Chloride
Concen: 2.661 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

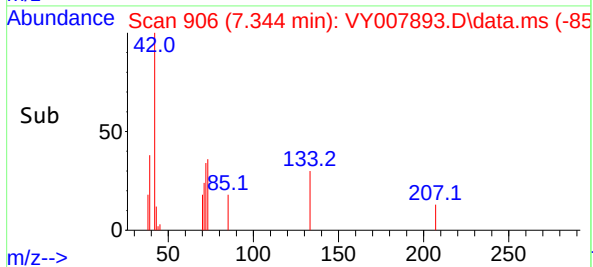
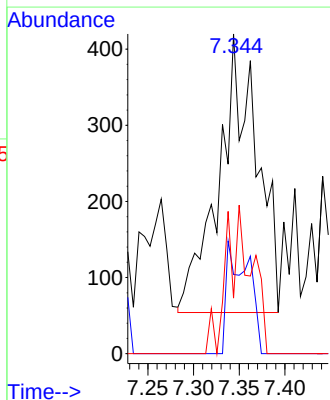
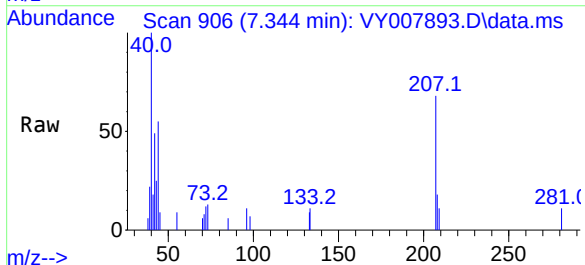
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

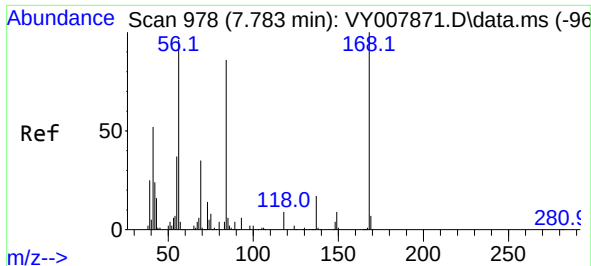
Tgt Ion: 84 Resp: 25433
Ion Ratio Lower Upper
84 100
49 106.4 114.4 171.6#
51 35.3 35.3 52.9
86 61.1 53.7 80.5



#29
Tetrahydrofuran
Concen: 1.107 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 42 Resp: 1059
Ion Ratio Lower Upper
42 100
72 12.3 30.3 45.5#
71 13.4 29.0 43.4#

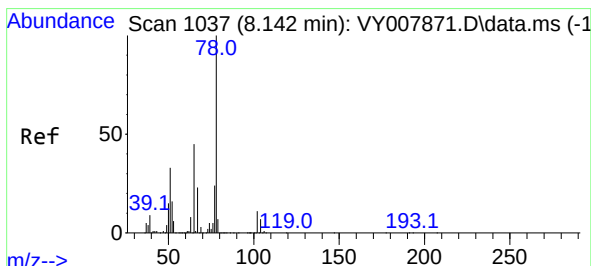
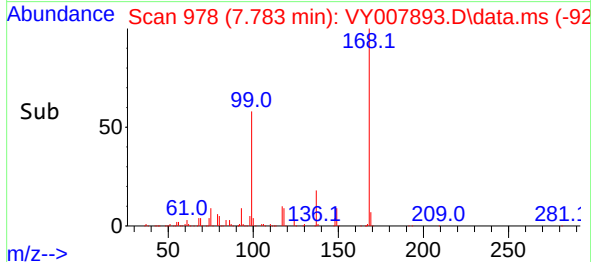
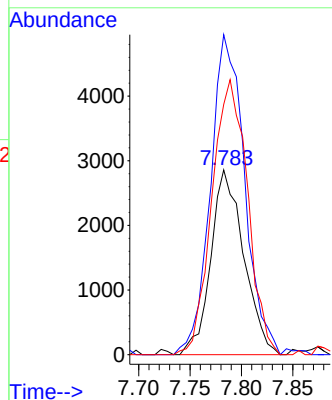
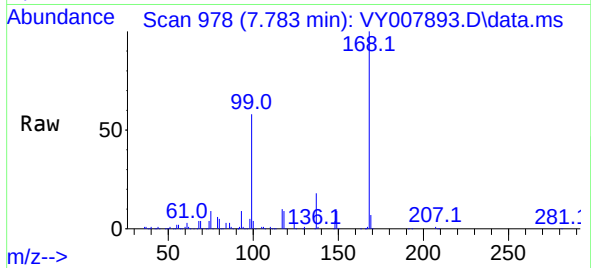




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

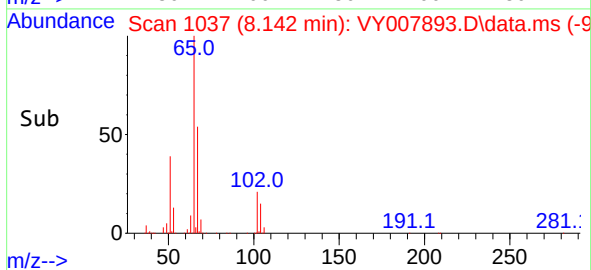
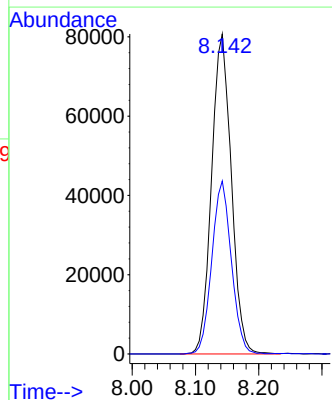
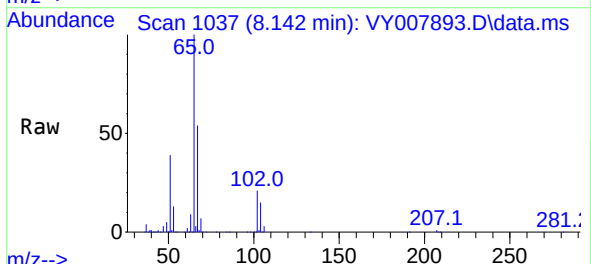
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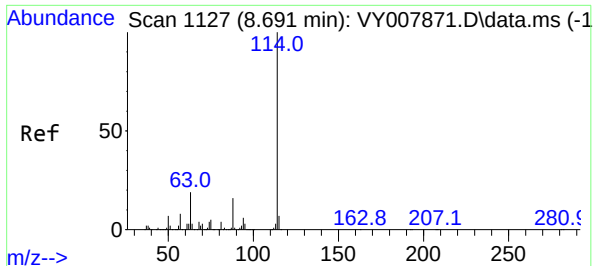
Tgt Ion: 56 Resp: 6367
Ion Ratio Lower Upper
56 100
69 173.2 26.7 40.1#
84 135.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.745 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 65 Resp: 174728
Ion Ratio Lower Upper
65 100
67 53.5 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: VY007893.D

Acq: 18 Mar 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBL01

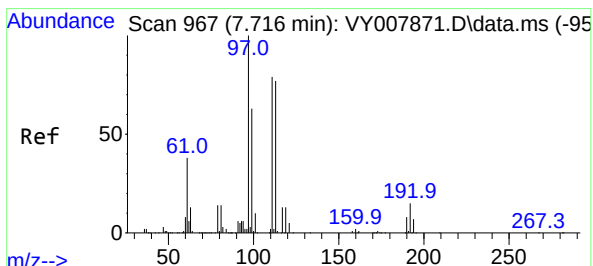
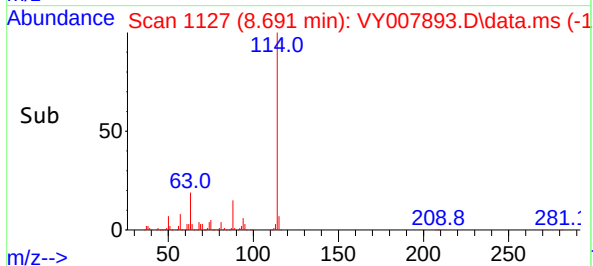
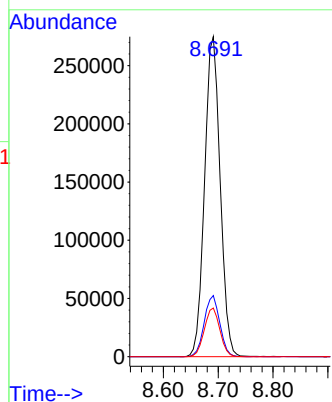
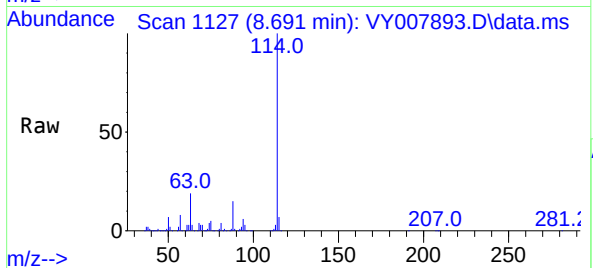
Tgt Ion:114 Resp: 541140

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.208 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007893.D

Acq: 18 Mar 2022 11:19

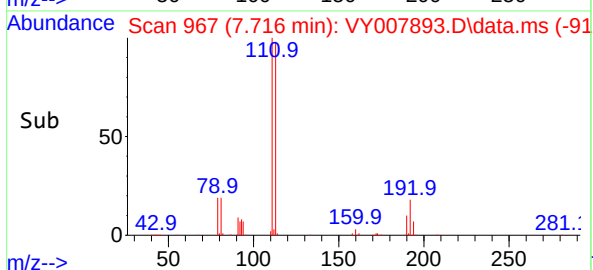
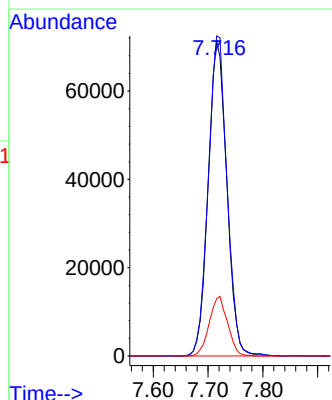
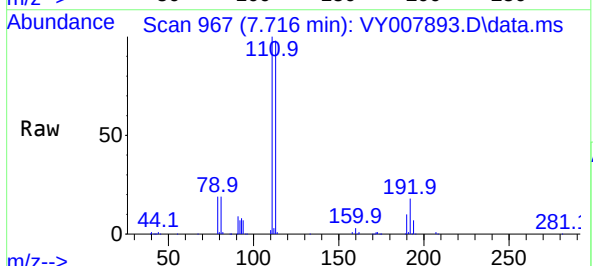
Tgt Ion:113 Resp: 168006

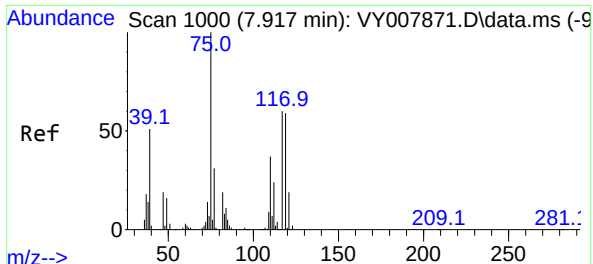
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.232 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007893.D

Acq: 18 Mar 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBL01

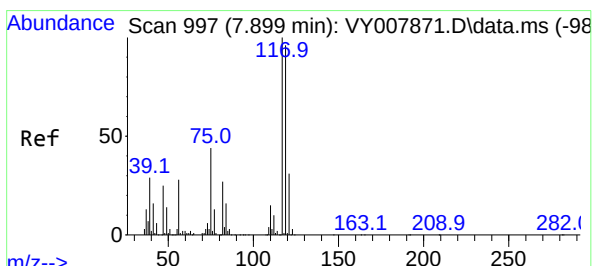
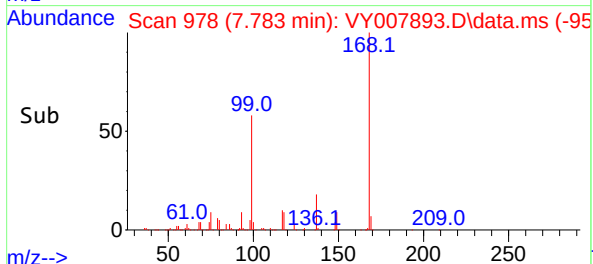
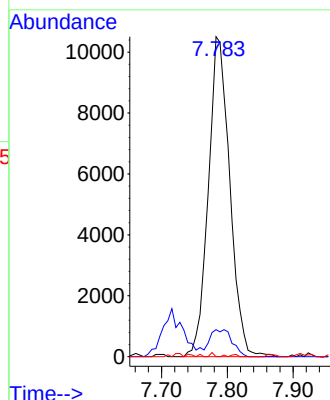
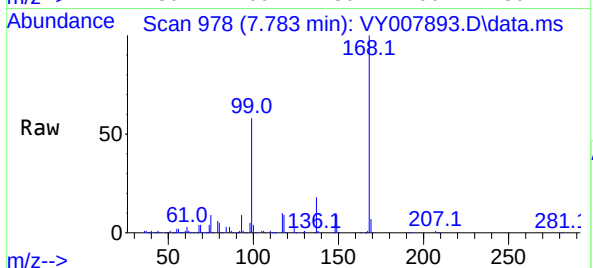
Tgt Ion: 75 Resp: 23854

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.067 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007893.D

Acq: 18 Mar 2022 11:19

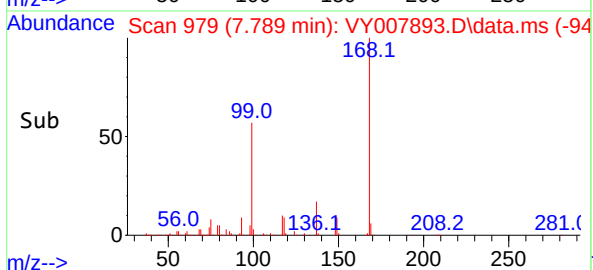
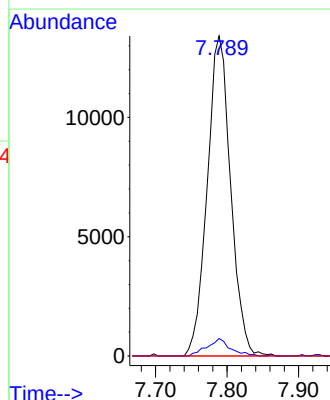
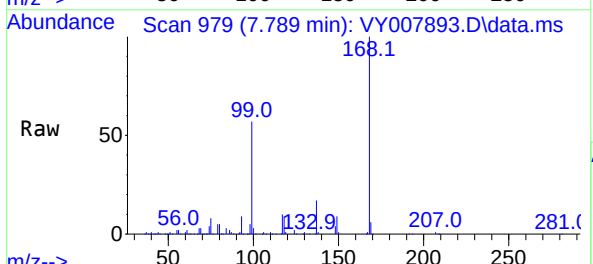
Tgt Ion: 117 Resp: 30521

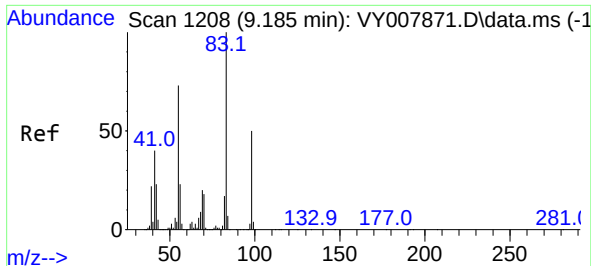
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007893.D

Acq: 18 Mar 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBL01

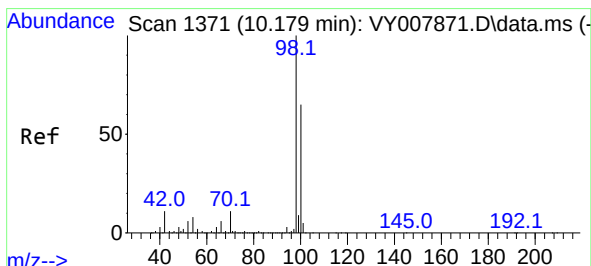
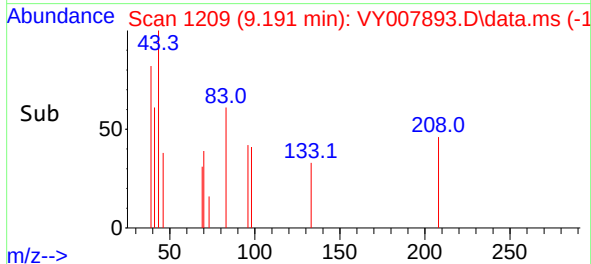
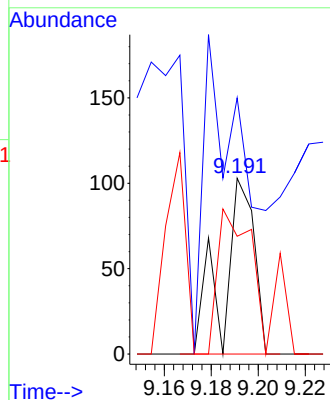
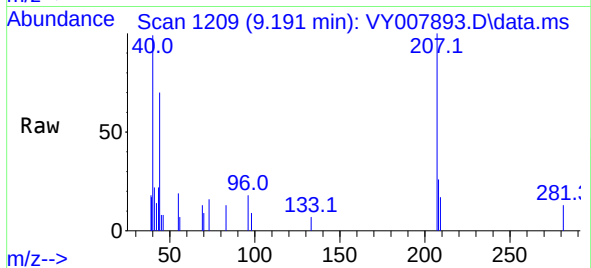
Tgt Ion: 83 Resp: 93

Ion Ratio Lower Upper

83 100

55 56.3 66.5 99.7#

98 9.7 37.9 56.9#



#50

Toluene-d8

Concen: 56.658 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007893.D

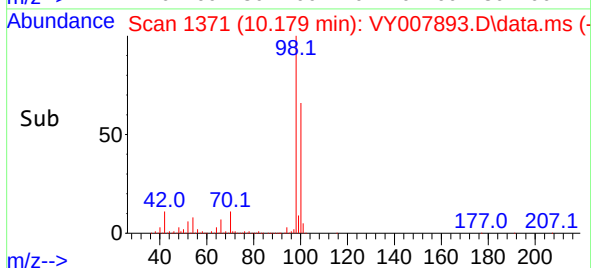
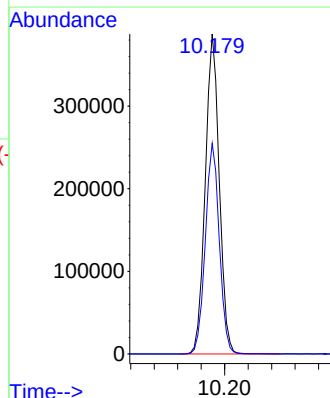
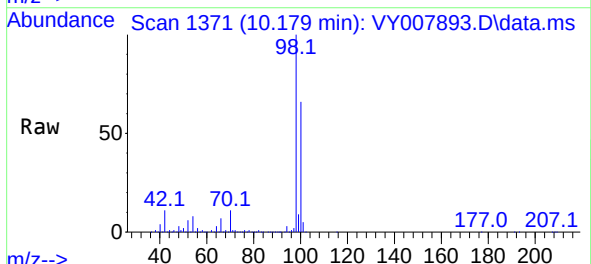
Acq: 18 Mar 2022 11:19

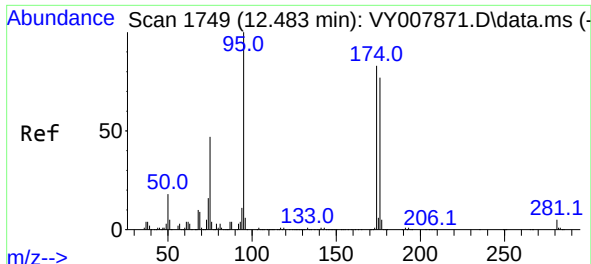
Tgt Ion: 98 Resp: 641129

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

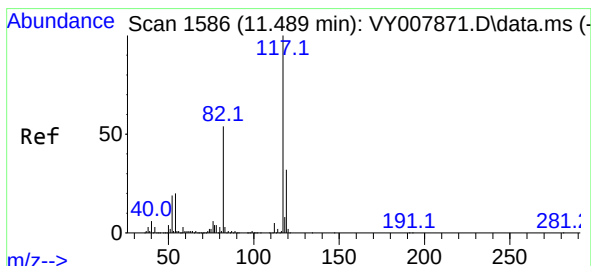
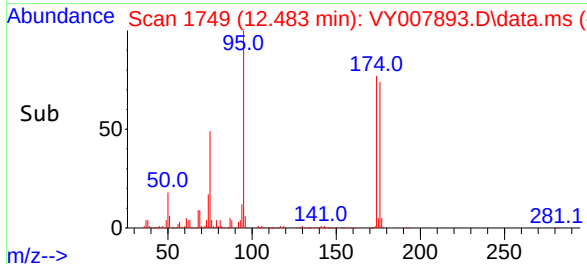
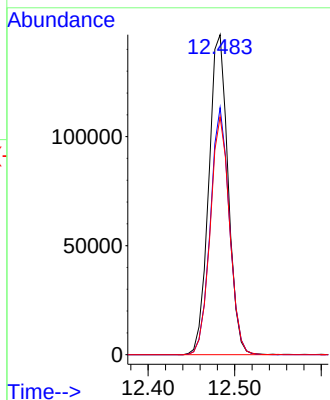
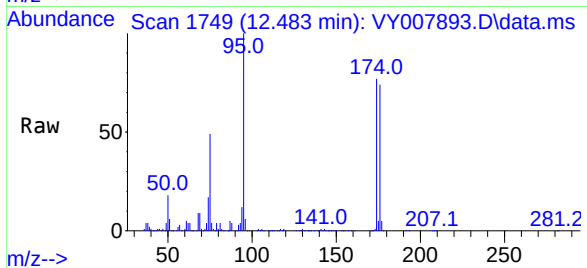




#62
4-Bromofluorobenzene
Concen: 41.618 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

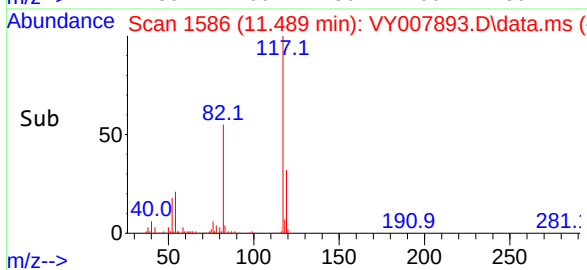
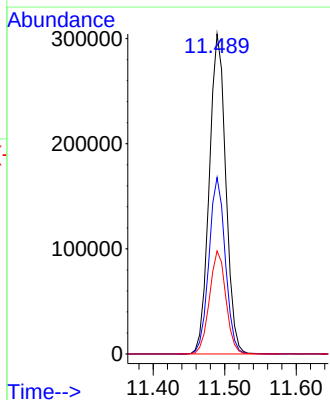
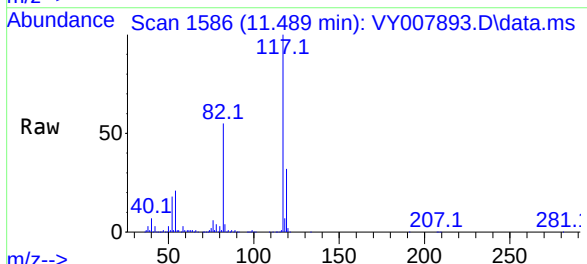
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

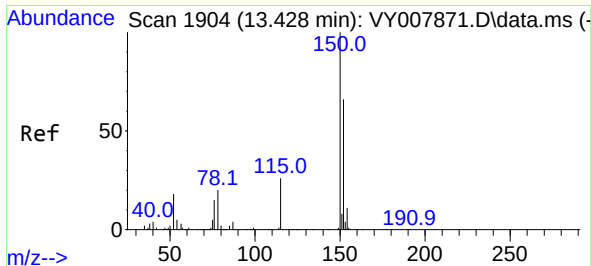
Tgt Ion: 95 Resp: 226997
Ion Ratio Lower Upper
95 100
174 75.7 0.0 177.0
176 74.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007893.D
Acq: 18 Mar 2022 11:19

Tgt Ion: 117 Resp: 488281
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.2 25.4 38.0

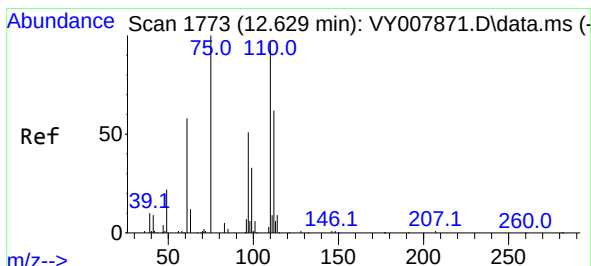
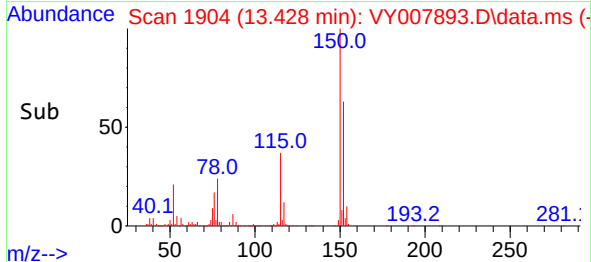
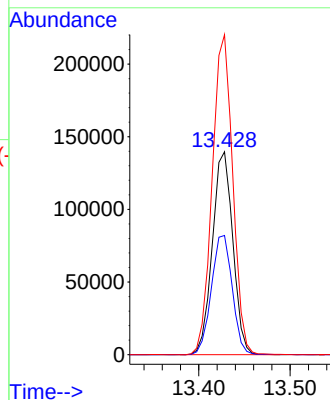
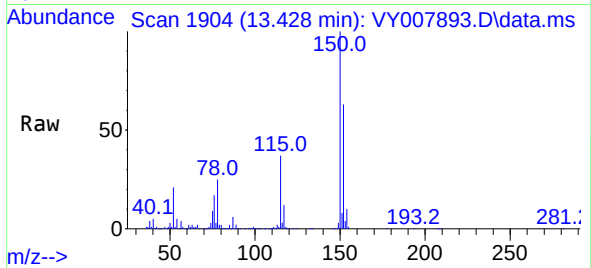




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007893.D
 Acq: 18 Mar 2022 11:19

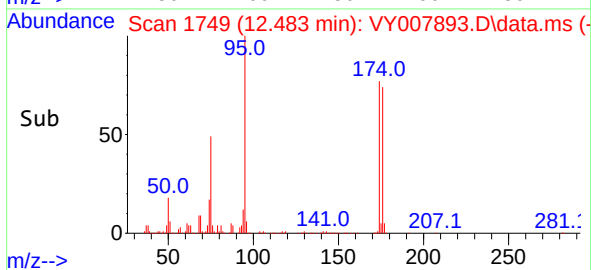
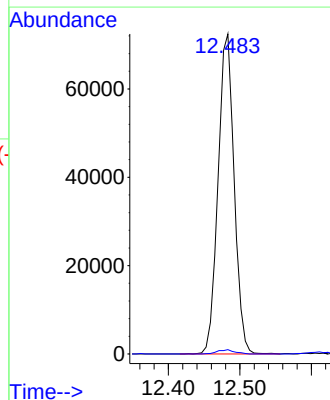
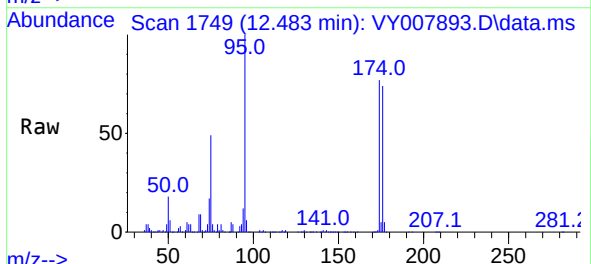
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01

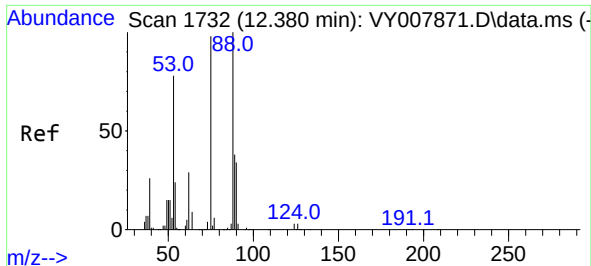
Tgt Ion:152 Resp: 217378
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 36.546 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007893.D
 Acq: 18 Mar 2022 11:19

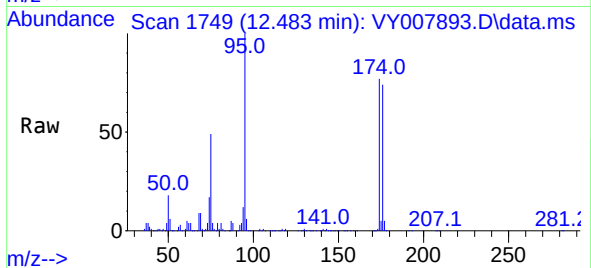
Tgt Ion: 75 Resp: 113233
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.761 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007893.D
 Acq: 18 Mar 2022 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01



Tgt Ion: 75 Resp: 113233
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

