

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007786.D
 Acq On : 08 Mar 2022 17:38
 Operator : SY/MD
 Sample : N1806-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:28:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

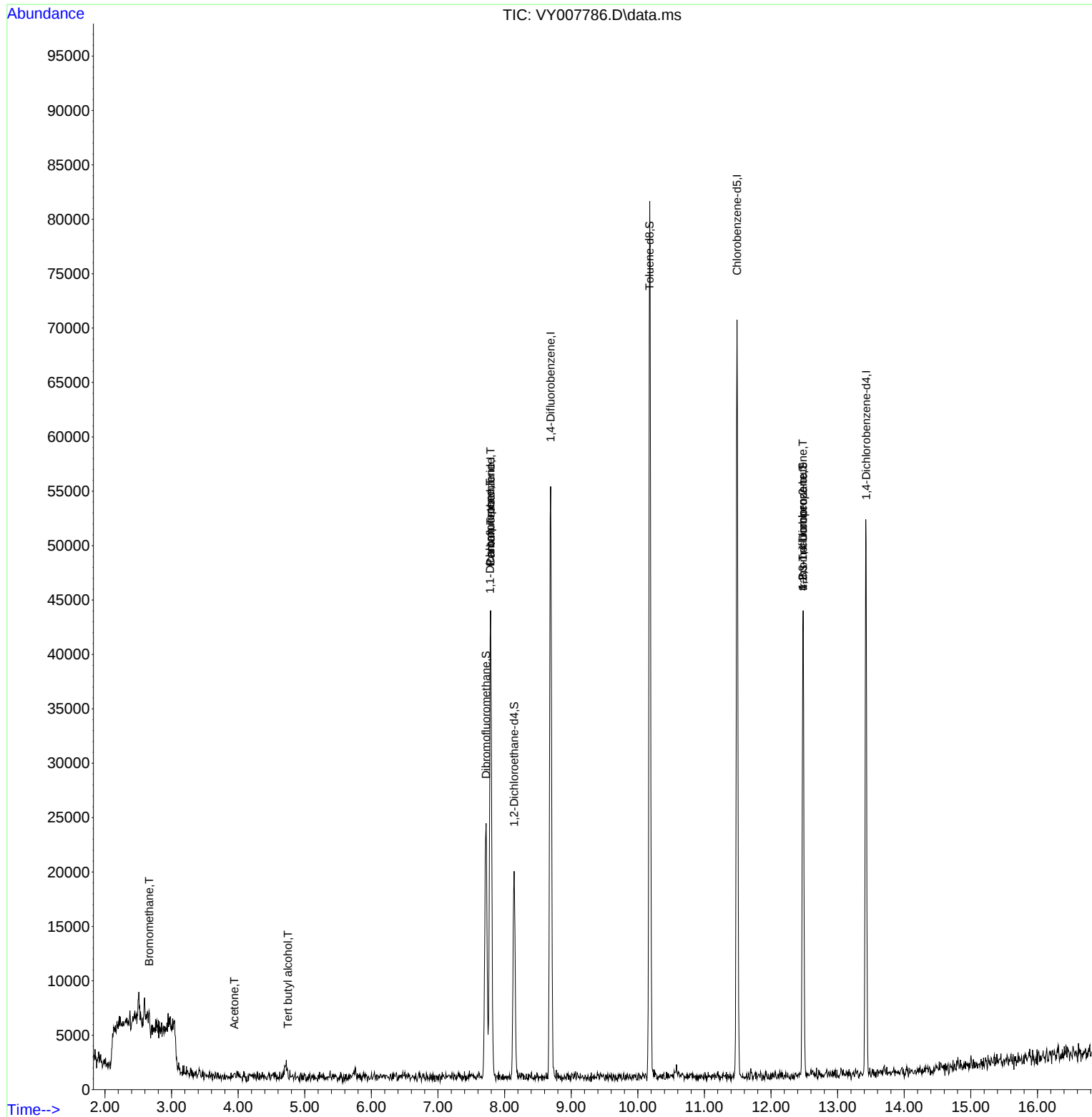
Internal Standards						
1) Pentafluorobenzene	7.789	168	32165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14142	41.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.000%		
35) Dibromofluoromethane	7.722	113	16795	56.086	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.180%		
50) Toluene-d8	10.179	98	54326	49.285	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.477	95	11813	33.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	66.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	435	Below Cal	#	62
5) Bromomethane	2.662	94	399	1.023	ug/l #	60
11) Tert butyl alcohol	4.747	59	55	1.887	ug/l #	77
13) Acrolein	3.461	56	25	Below Cal	#	14
16) Acetone	3.942	43	277	4.044	ug/l	99
18) Methyl Acetate	4.515	43	57	Below Cal	#	56
20) Methylene Chloride	4.722	84	1020	Below Cal	#	54
31) Cyclohexane	7.783	56	607	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	2538	5.388	ug/l #	47
38) Carbon Tetrachloride	7.789	117	3566	7.097	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	6895	47.607	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6895	97.325	ug/l #	8

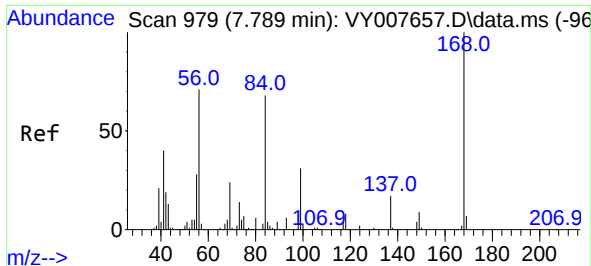
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
Data File : VY007786.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 09 00:28:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

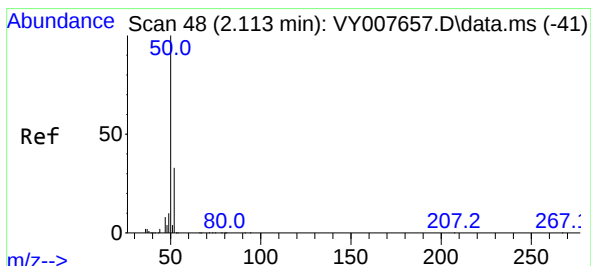
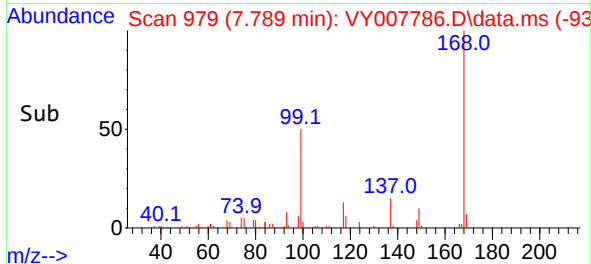
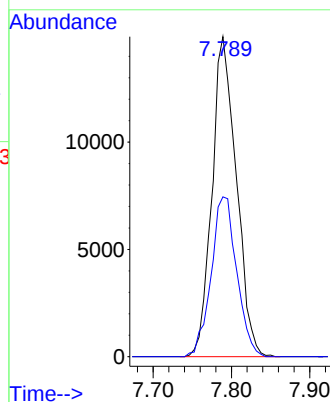
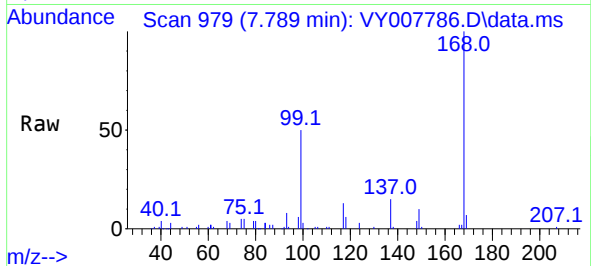




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

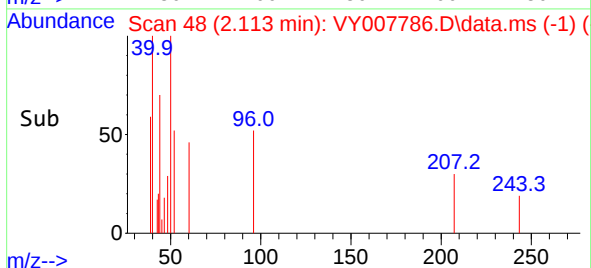
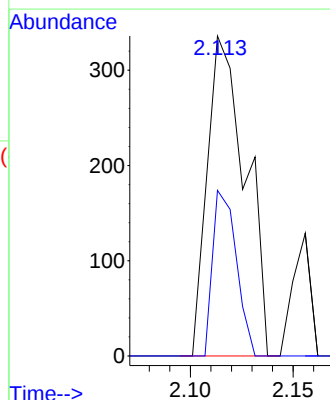
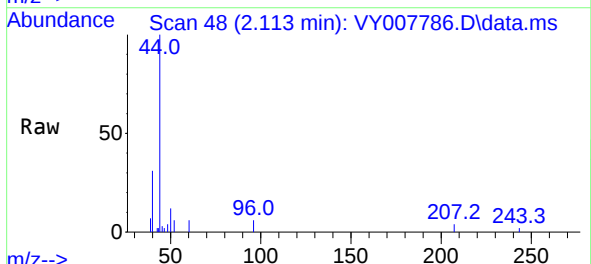
Instrument :
MSVOA_Y
ClientSampleId :

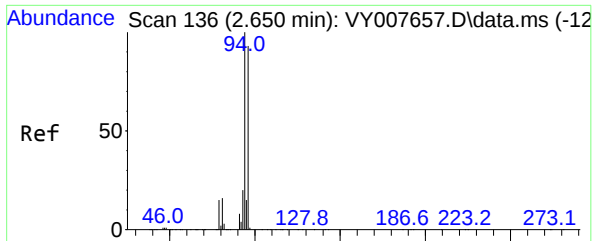
Tgt Ion:168 Resp: 32165
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 51.8 24.6 37.0#

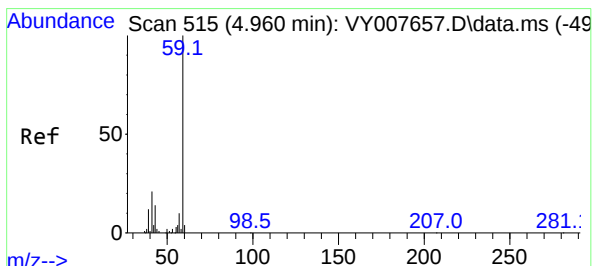
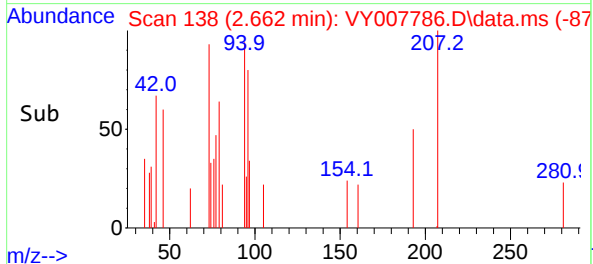
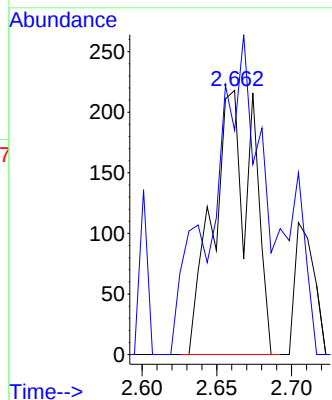
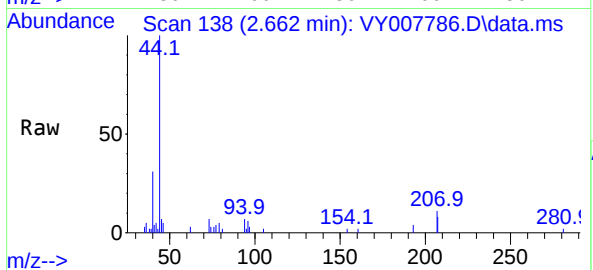




#5
Bromomethane
Concen: 1.023 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

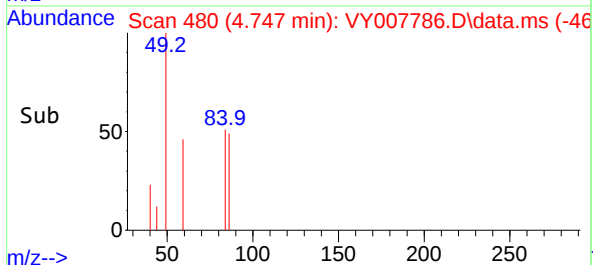
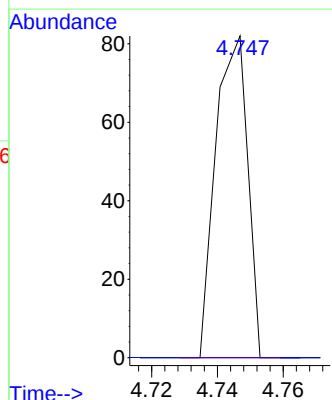
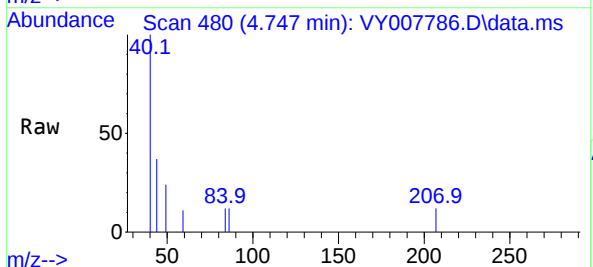
Instrument :
MSVOA_Y
ClientSampleId :

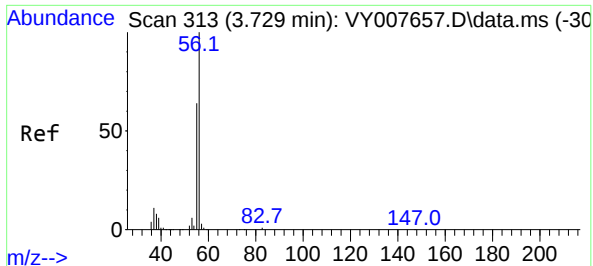
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 54.1 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.887 ug/l
RT: 4.747 min Scan# 480
Delta R.T. -0.213 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

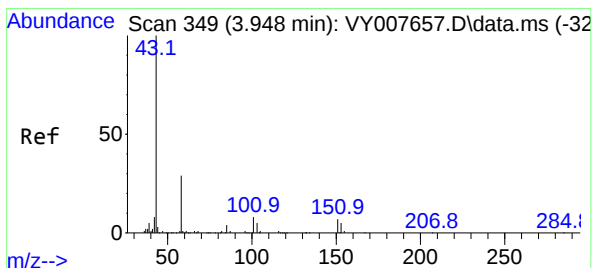
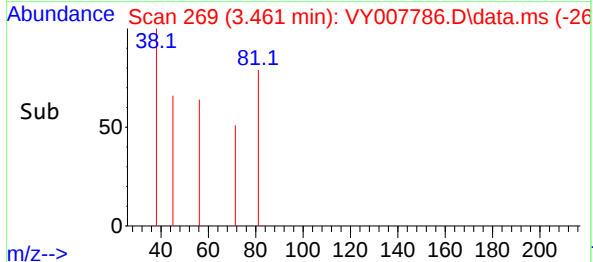
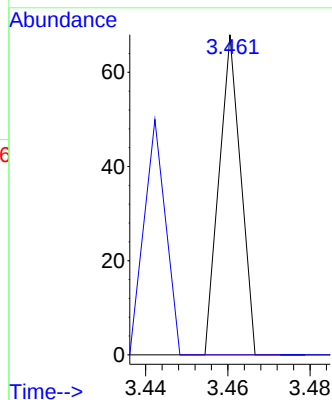
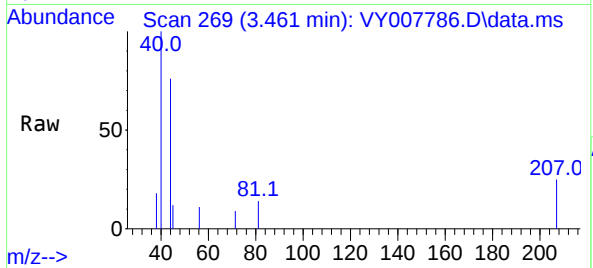




#13
Acrolein
Concen: Below Cal
RT: 3.461 min Scan# 20
Delta R.T. -0.268 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

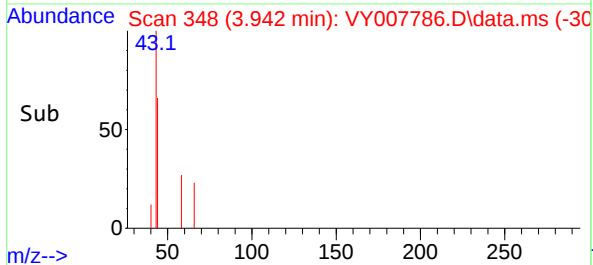
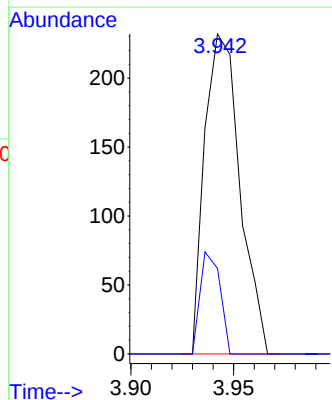
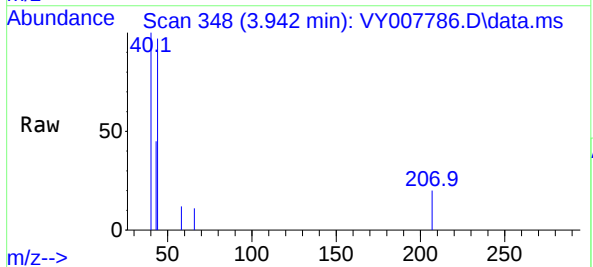
Instrument :
MSVOA_Y
ClientSampleId :

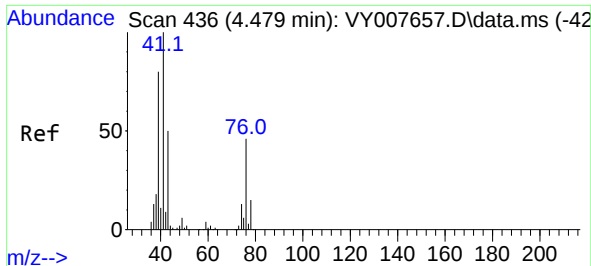
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.044 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

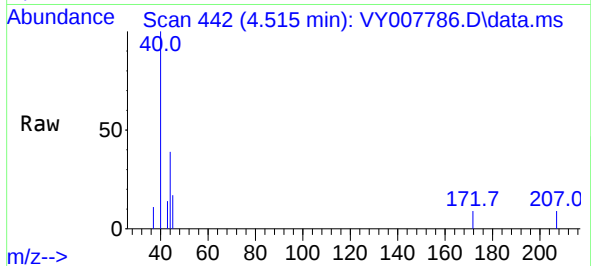
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0



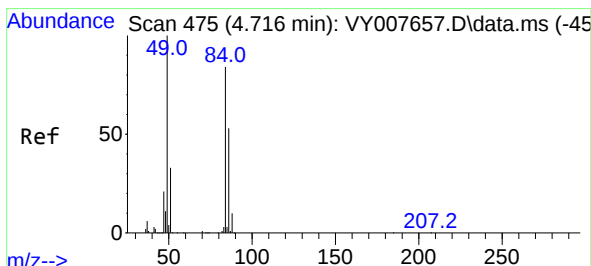
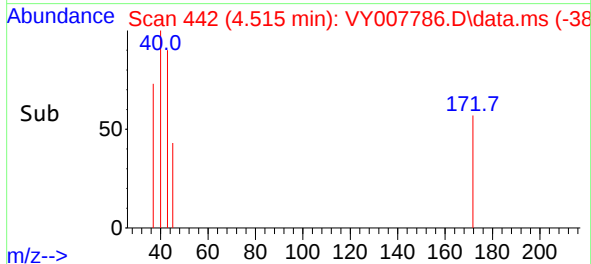
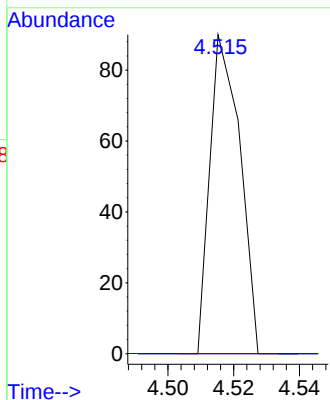


#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 44
Delta R.T. 0.036 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :

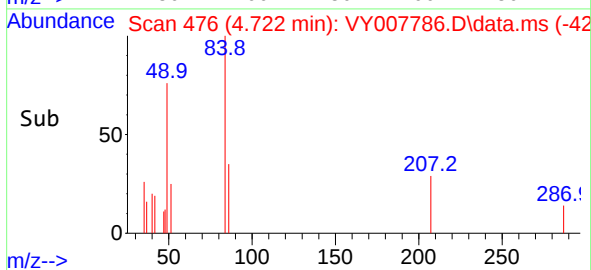
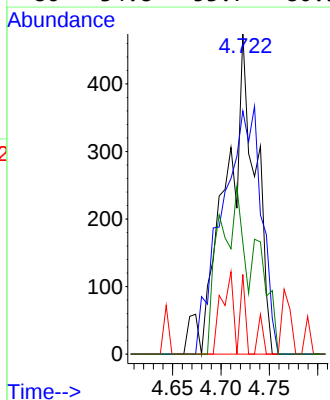
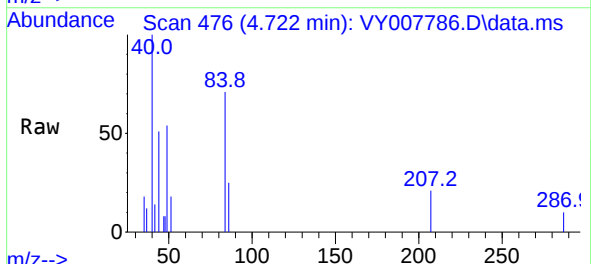


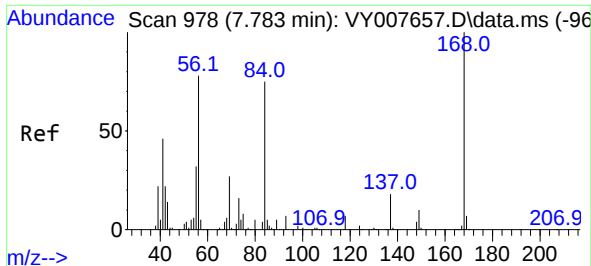
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

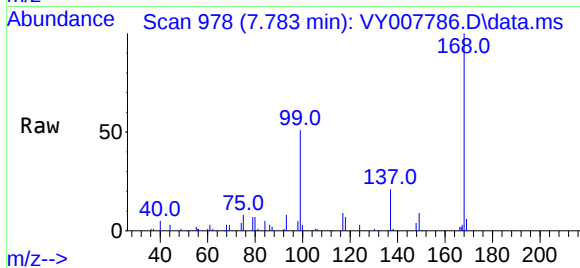
Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 75.9 114.4 171.6#
51 24.9 35.3 52.9#
86 34.8 53.7 80.5#



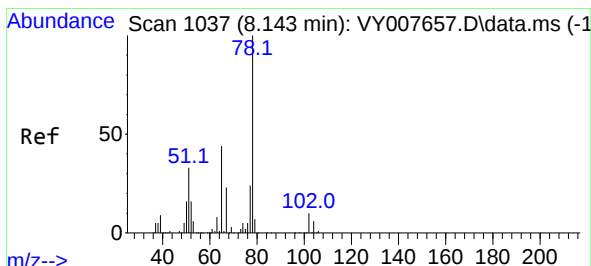
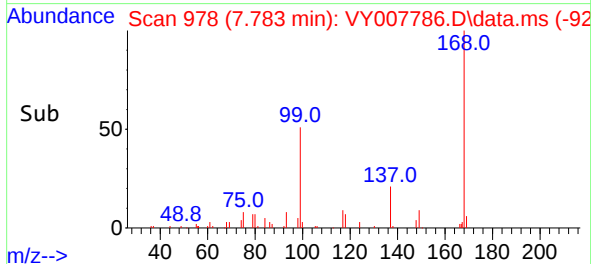
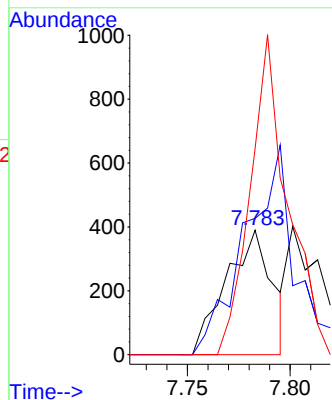


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :

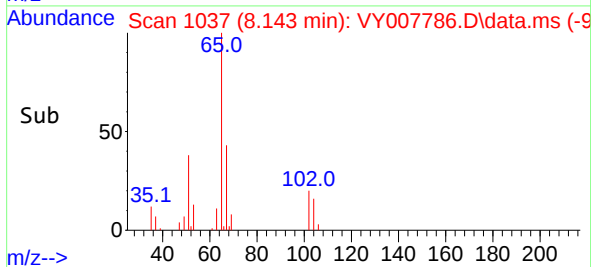
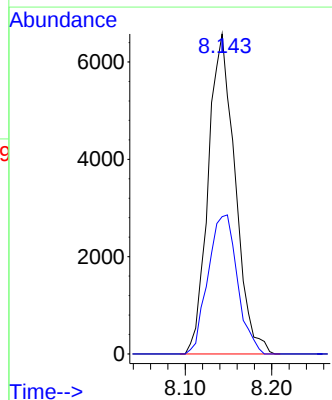
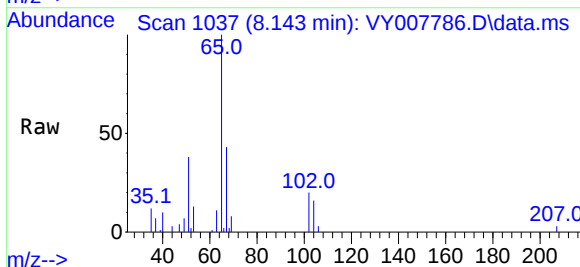


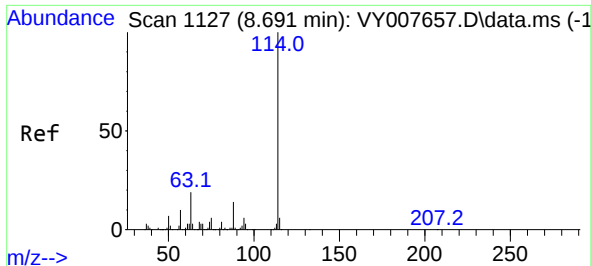
Tgt Ion: 56 Resp: 607
Ion Ratio Lower Upper
56 100
69 109.5 26.7 40.1#
84 165.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 41.997 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion: 65 Resp: 14142
Ion Ratio Lower Upper
65 100
67 47.5 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: VY007786.D

Acq: 08 Mar 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

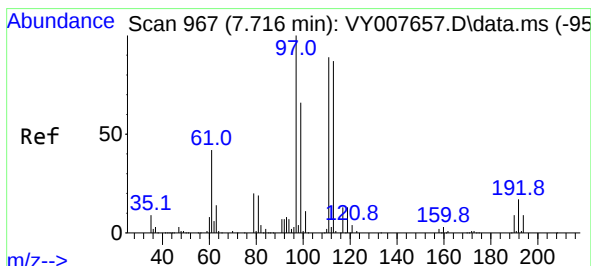
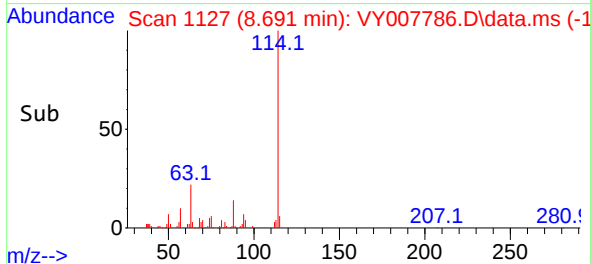
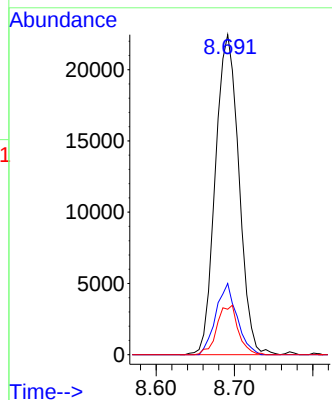
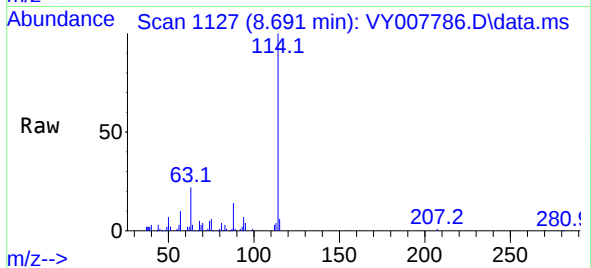
Tgt Ion:114 Resp: 46838

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.086 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007786.D

Acq: 08 Mar 2022 17:38

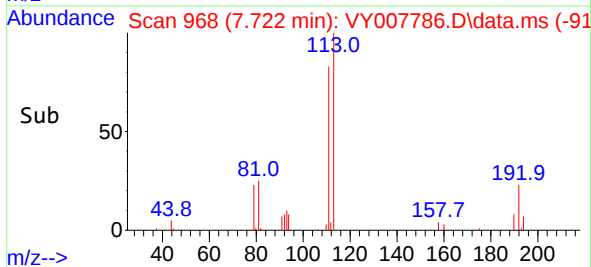
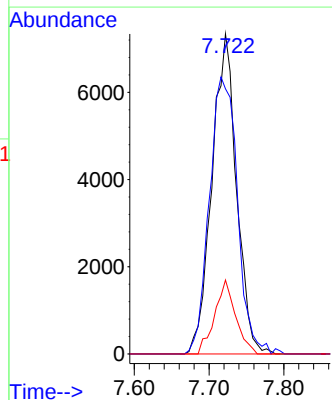
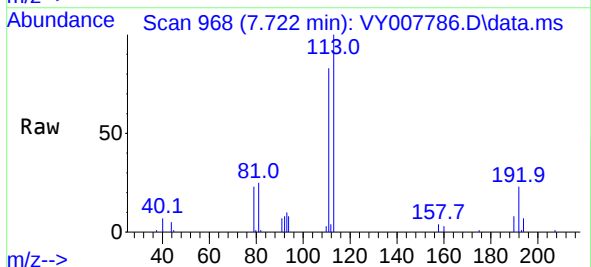
Tgt Ion:113 Resp: 16795

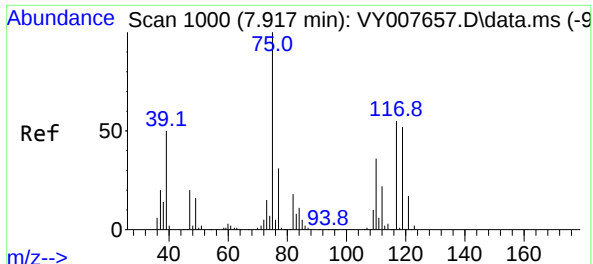
Ion Ratio Lower Upper

113 100

111 99.0 82.6 124.0

192 19.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.388 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

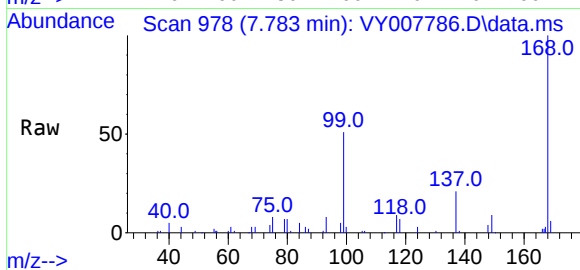
Lab File: VY007786.D

Acq: 08 Mar 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :



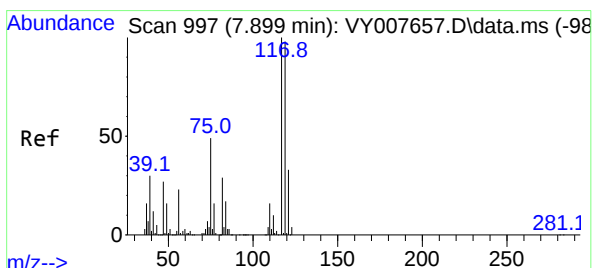
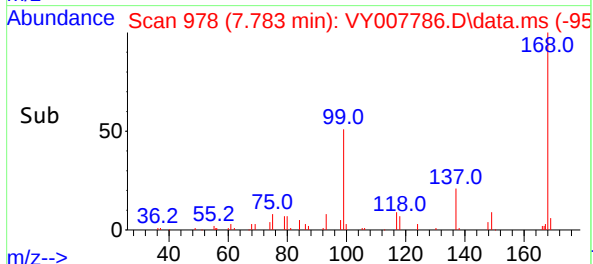
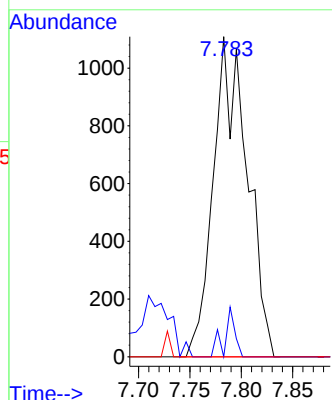
Tgt Ion: 75 Resp: 2538

Ion Ratio Lower Upper

75 100

110 4.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.097 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007786.D

Acq: 08 Mar 2022 17:38

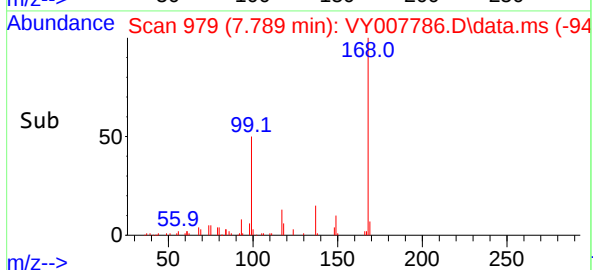
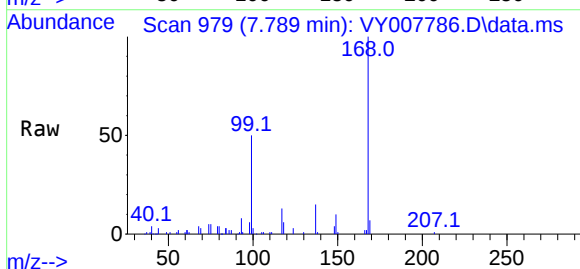
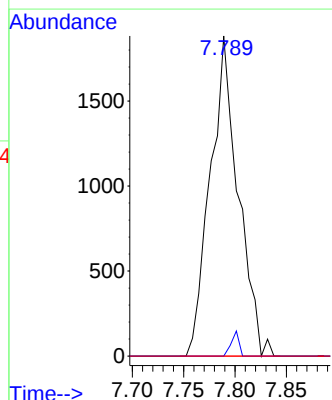
Tgt Ion: 117 Resp: 3566

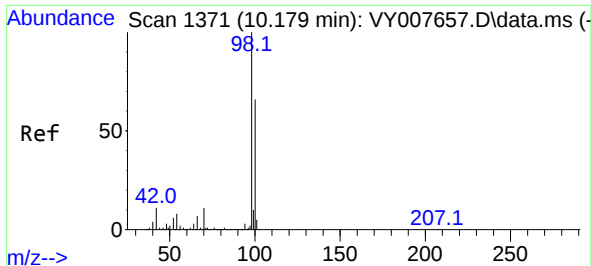
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

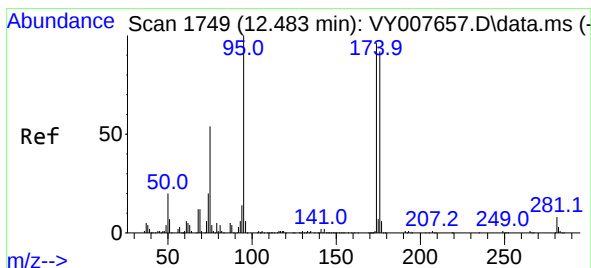
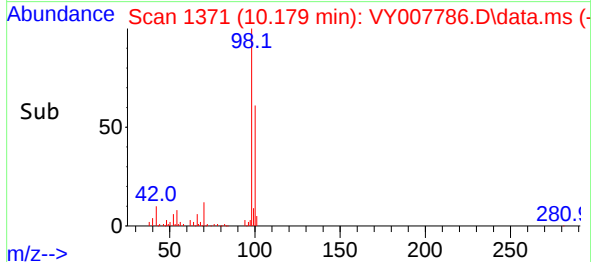
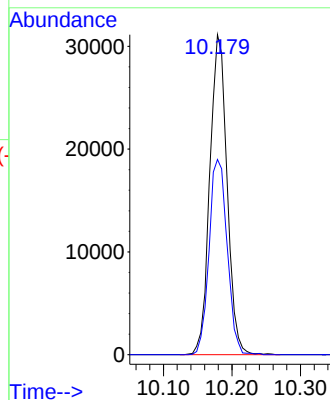
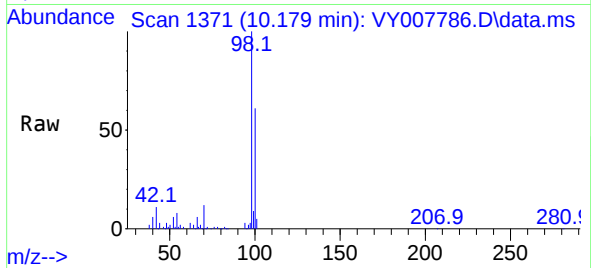




#50
Toluene-d8
Concen: 49.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

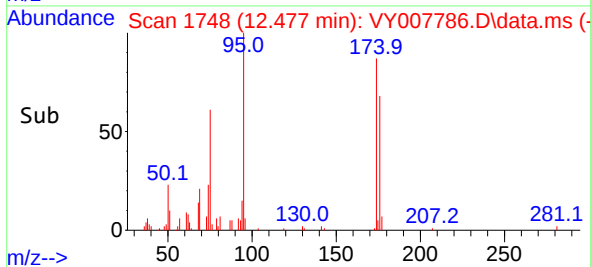
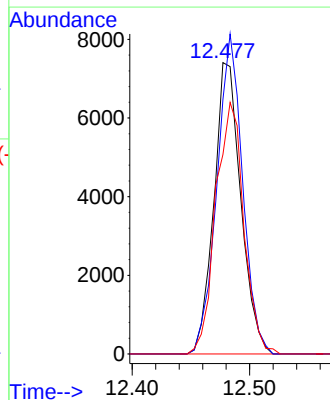
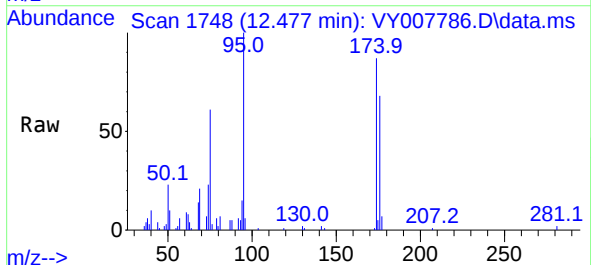
Instrument :
MSVOA_Y
ClientSampleId :

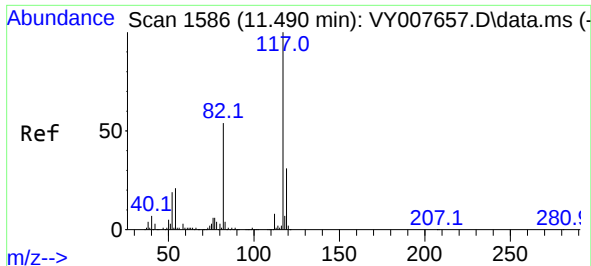
Tgt Ion: 98 Resp: 54326
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.246 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion: 95 Resp: 11813
Ion Ratio Lower Upper
95 100
174 104.7 0.0 177.0
176 89.9 0.0 175.8

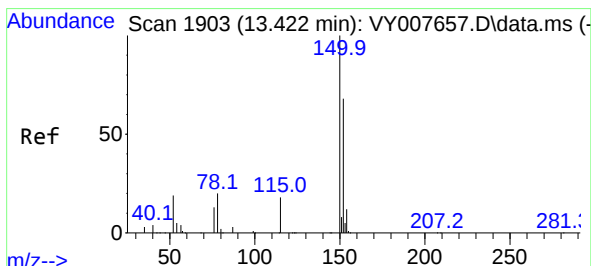
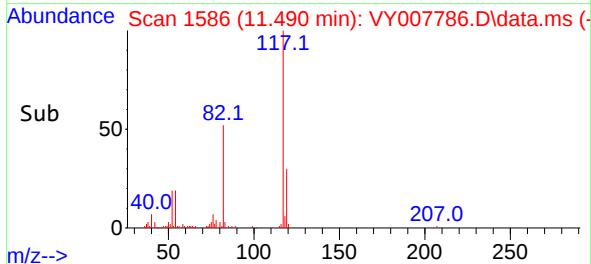
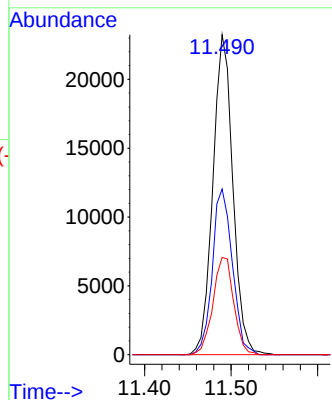
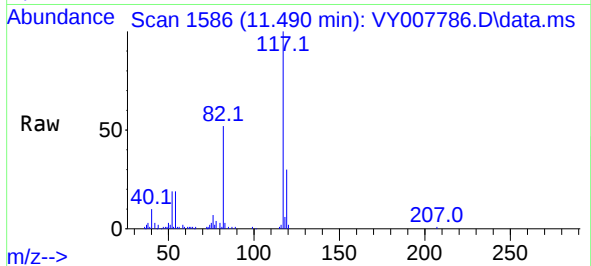




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

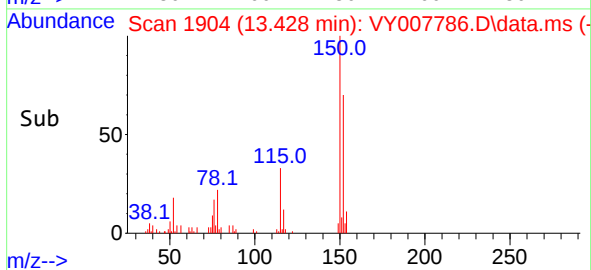
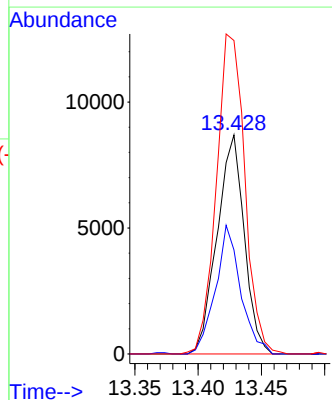
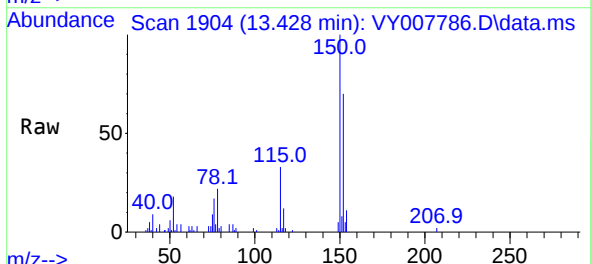
Instrument :
MSVOA_Y
ClientSampleId :

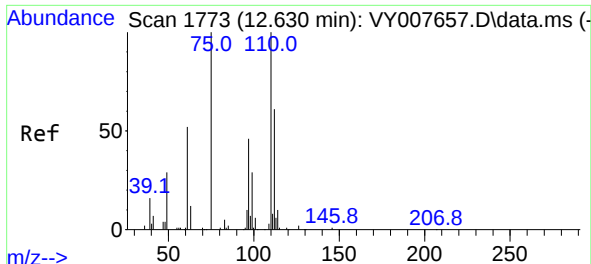
Tgt Ion:117 Resp: 37183
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion:152 Resp: 12969
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 152.9 0.0 347.6

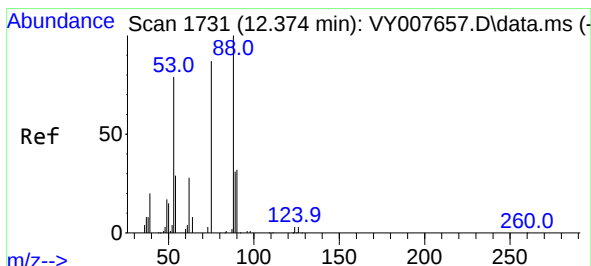
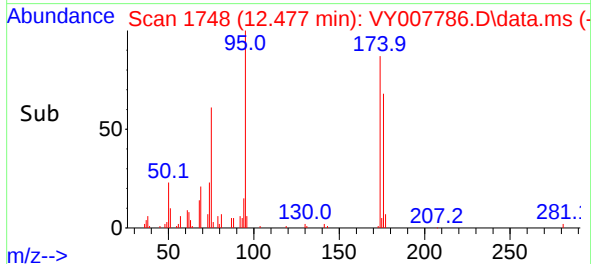
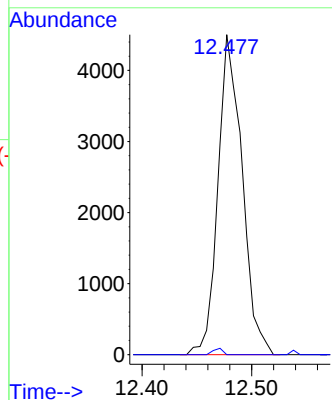
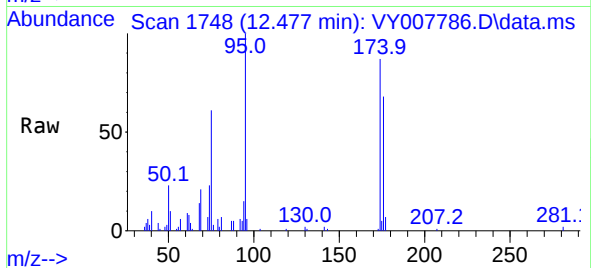




#76
1,2,3-Trichloropropane
Concen: 47.607 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6895
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.325 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007786.D
Acq: 08 Mar 2022 17:38

Tgt Ion: 75 Resp: 6895
Ion Ratio Lower Upper
75 100
53 1.3 85.3 127.9#
89 0.0 37.0 55.4#

