

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007804.D
 Acq On : 09 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1763-14
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:04:15 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	209320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	135872	62.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.000%
35) Dibromofluoromethane	7.722	113	122877	53.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.580%
50) Toluene-d8	10.185	98	437317	52.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.483	95	120642	44.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.000%

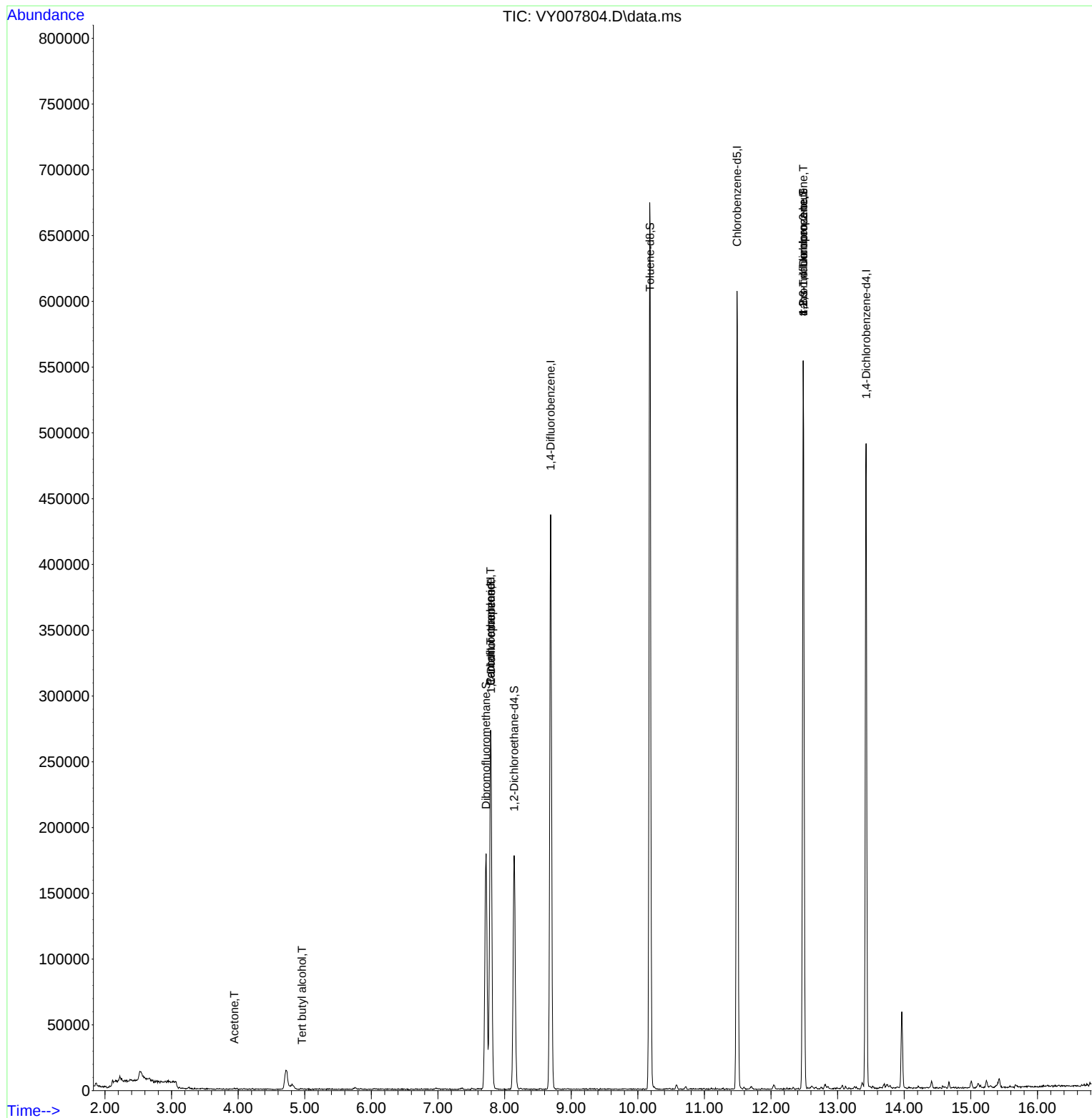
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	1286	Below Cal	#	81
11) Tert butyl alcohol	4.960	59	904	4.765	ug/l #	95
16) Acetone	3.942	43	465	1.043	ug/l #	47
17) Carbon Disulfide	4.204	76	244	Below Cal	#	75
18) Methyl Acetate	4.491	43	53	Below Cal	#	56
31) Cyclohexane	7.795	56	5404	Below Cal	#	30
36) 1,1-Dichloropropene	7.795	75	17826	4.960	ug/l #	42
38) Carbon Tetrachloride	7.789	117	22155	5.779	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	69766	53.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69766	108.724	ug/l #	8

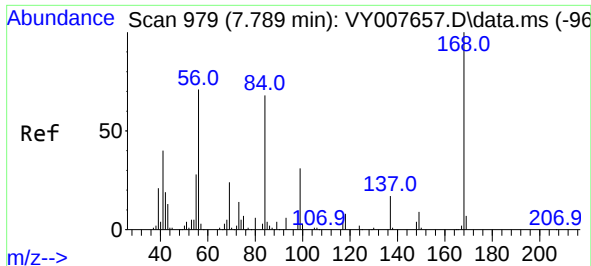
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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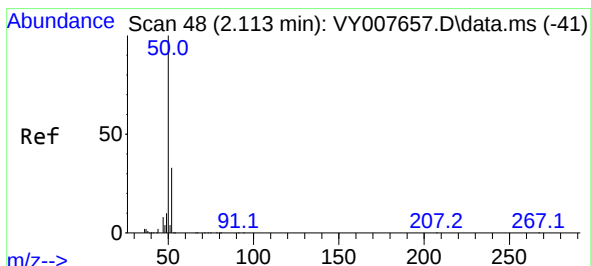
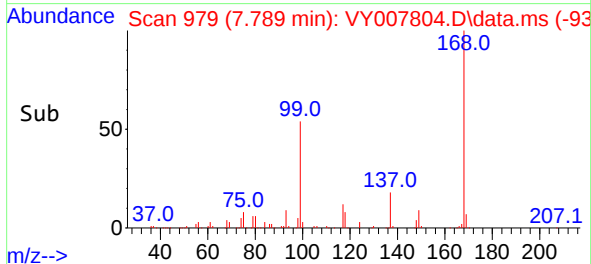
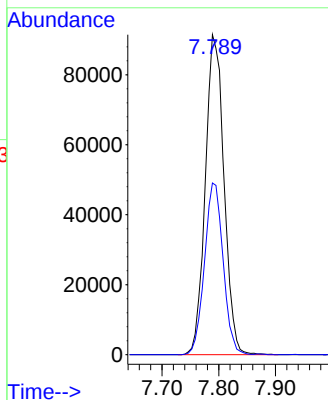
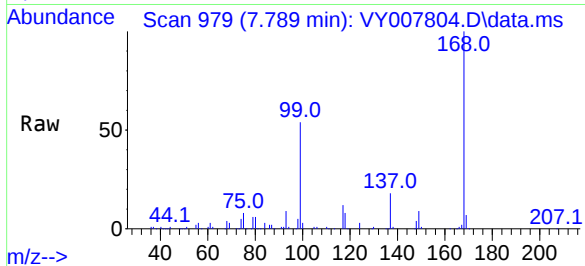




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

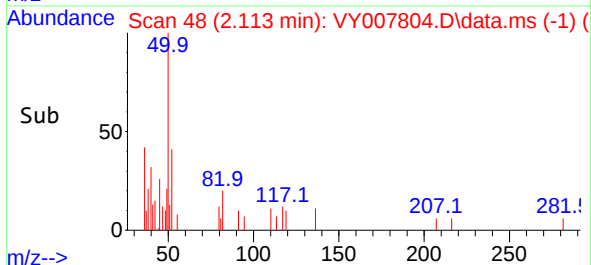
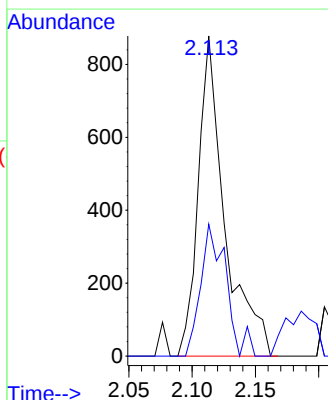
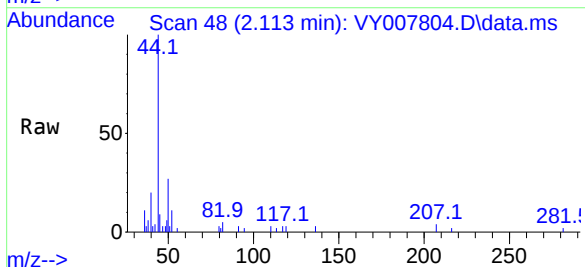
Instrument :
MSVOA_Y
ClientSampleId :

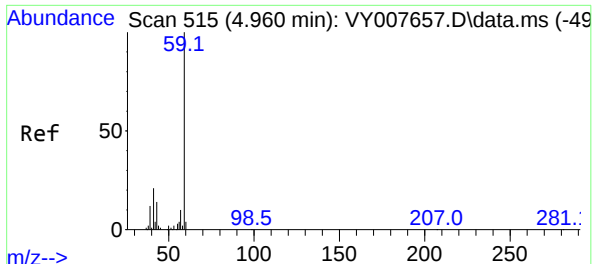
Tgt Ion:168 Resp: 209320
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 41.2 24.6 37.0#

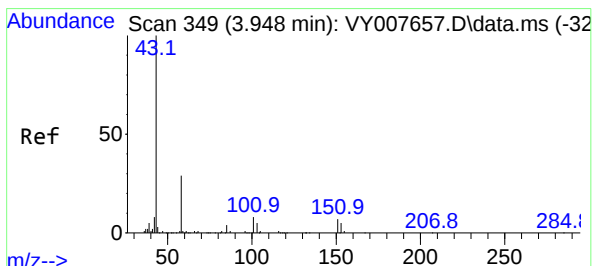
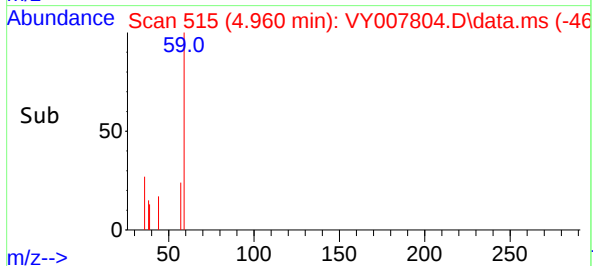
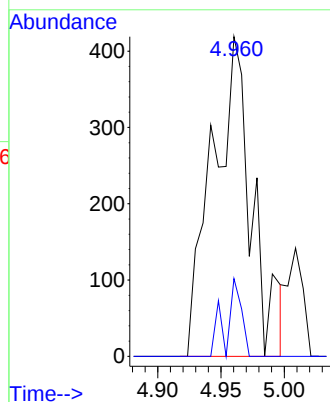
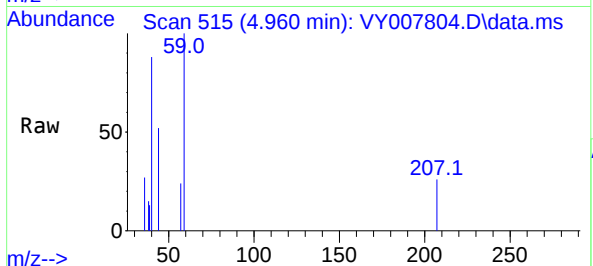




#11
Tert butyl alcohol
Concen: 4.765 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

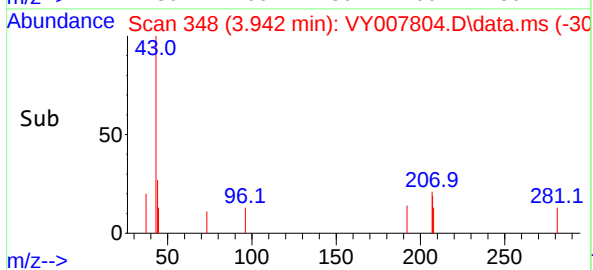
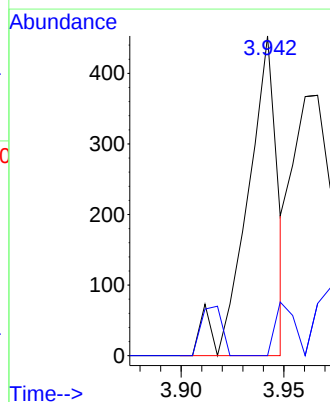
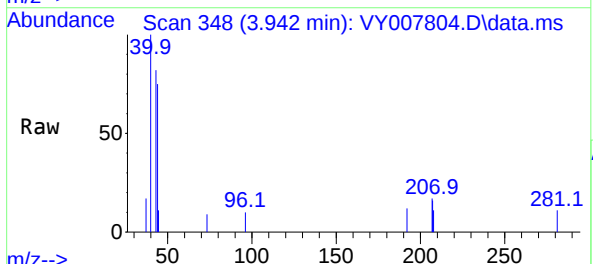
Instrument :
MSVOA_Y
ClientSampleId :

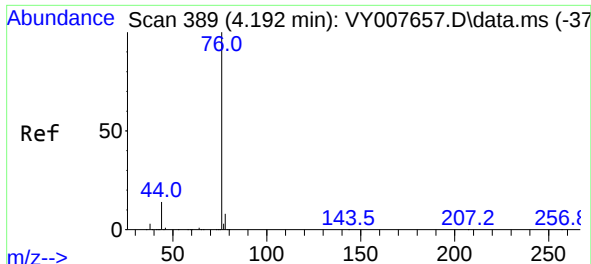
Tgt Ion: 59 Resp: 904
Ion Ratio Lower Upper
59 100
57 9.6 6.4 9.6#



#16
Acetone
Concen: 1.043 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

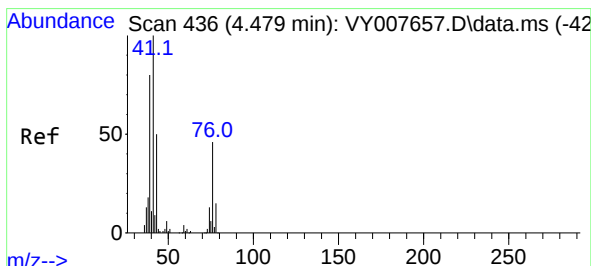
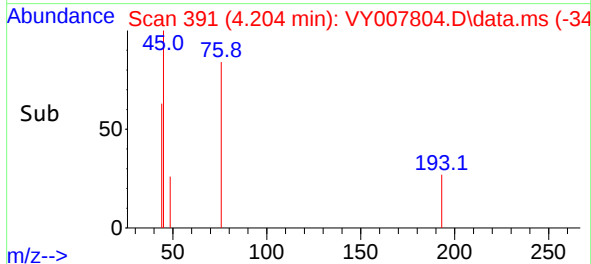
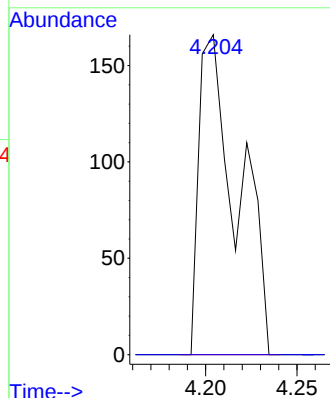
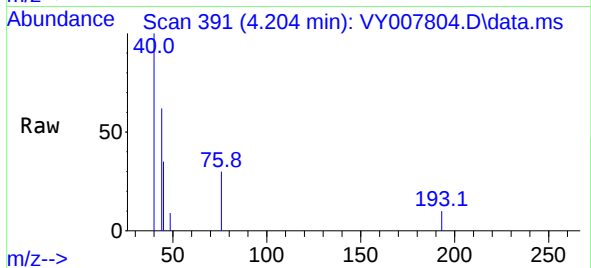




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

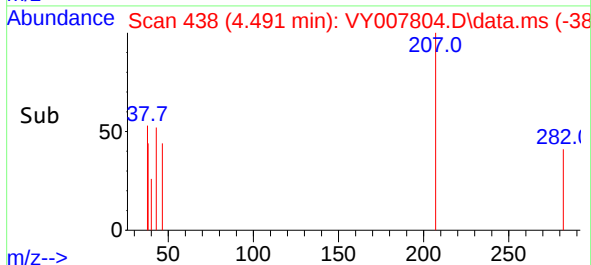
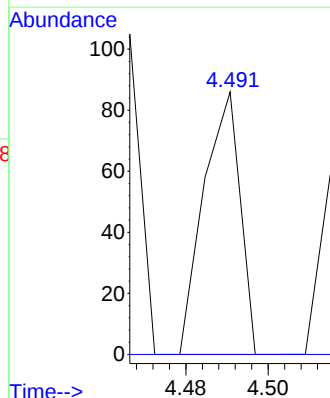
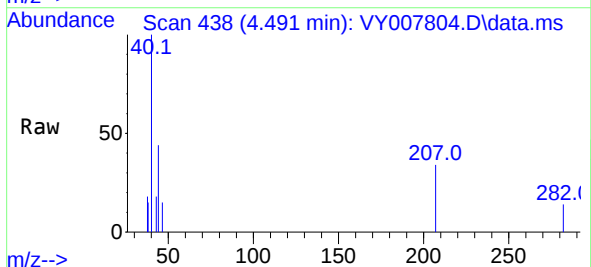
Instrument :
MSVOA_Y
ClientSampleId :

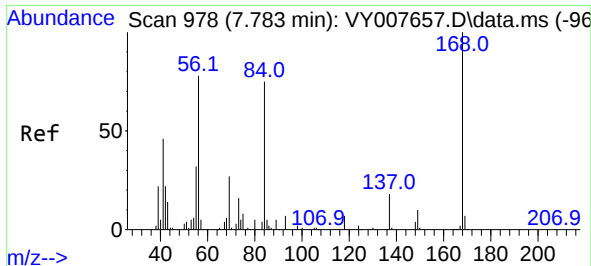
Tgt Ion: 76 Resp: 244
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

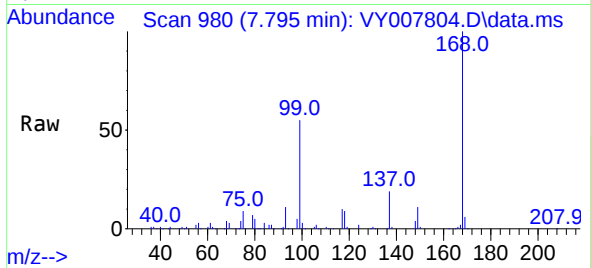
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



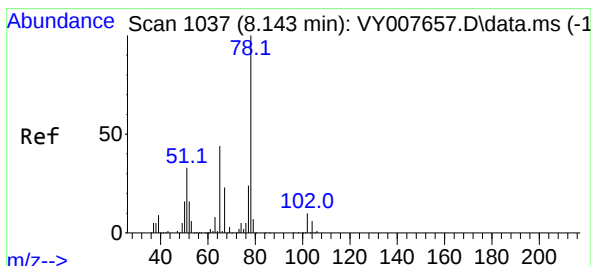
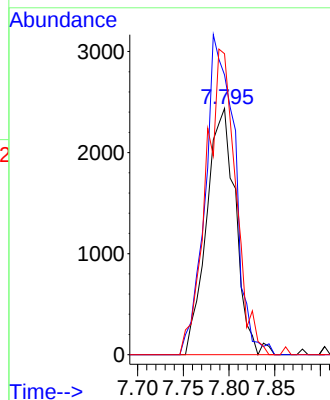
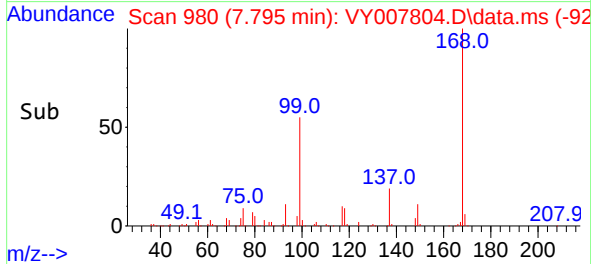


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :

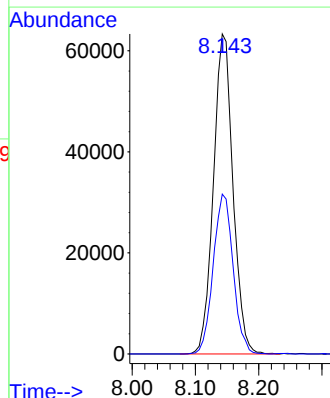
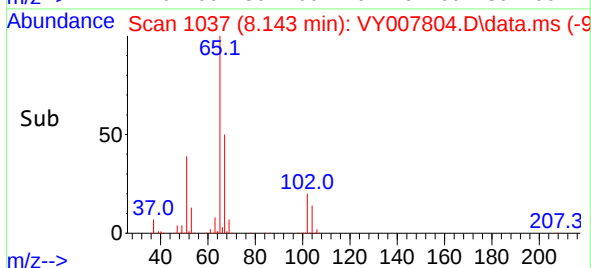
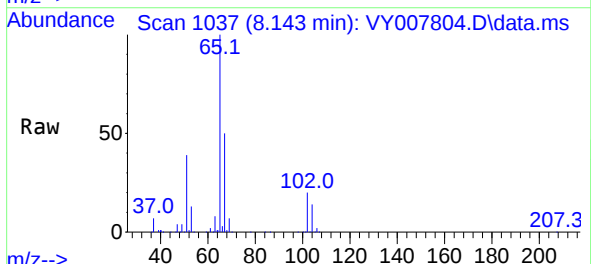


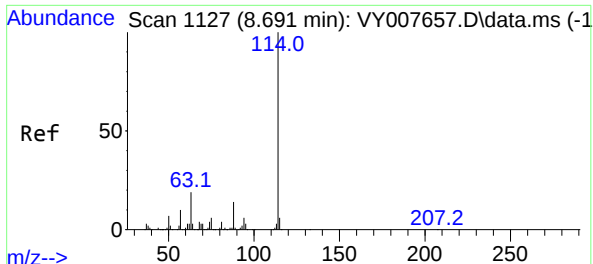
Tgt Ion: 56 Resp: 5404
Ion Ratio Lower Upper
56 100
69 113.6 26.7 40.1#
84 122.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.003 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 65 Resp: 135872
Ion Ratio Lower Upper
65 100
67 50.8 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: VY007804.D

Acq: 09 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

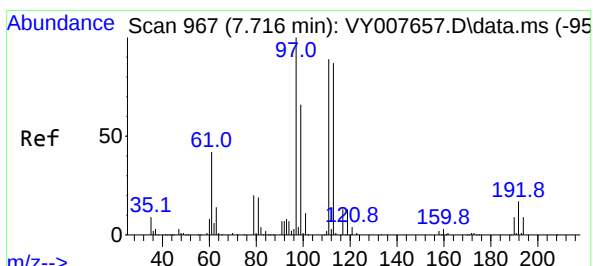
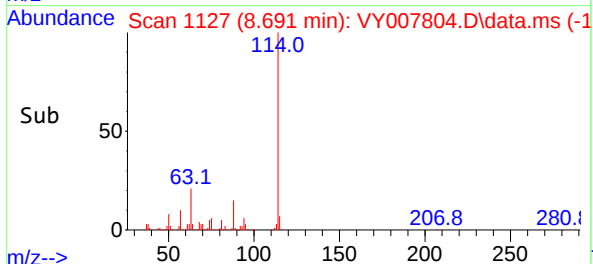
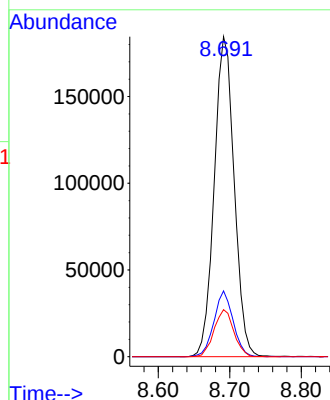
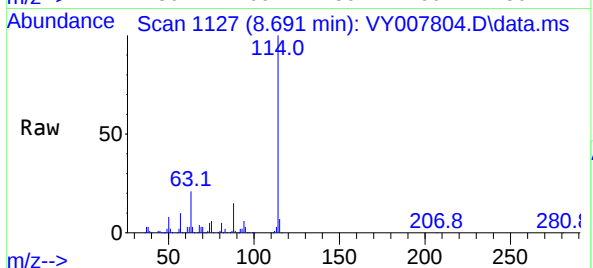
Tgt Ion:114 Resp: 357333

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.786 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007804.D

Acq: 09 Mar 2022 17:06

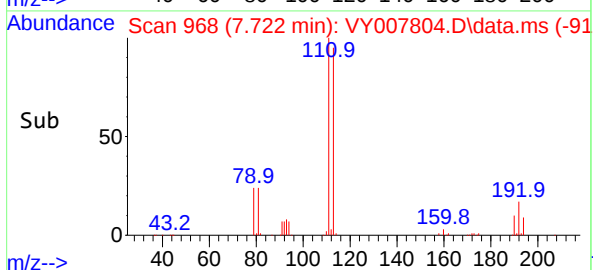
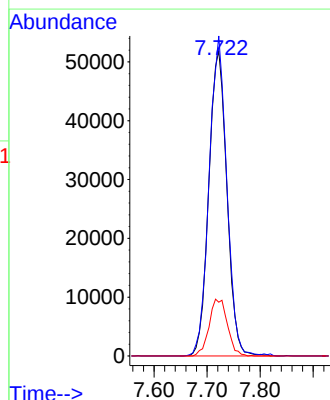
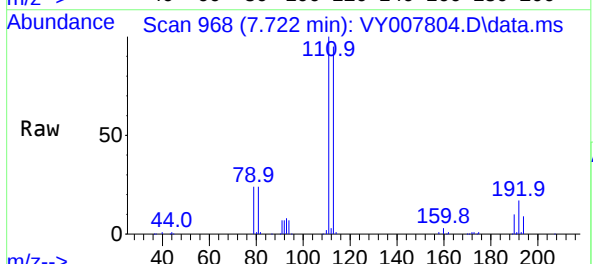
Tgt Ion:113 Resp: 122877

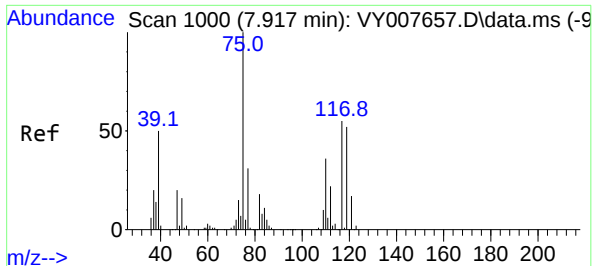
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007804.D

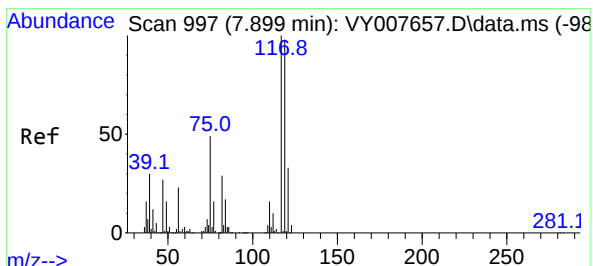
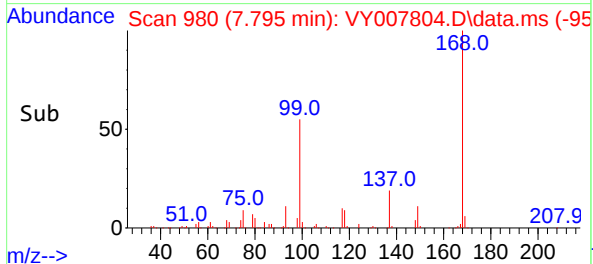
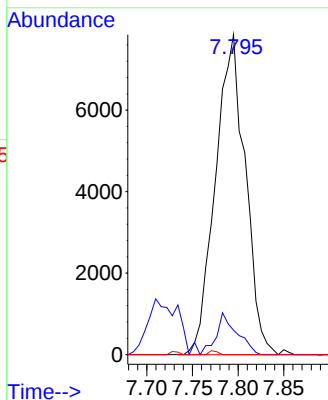
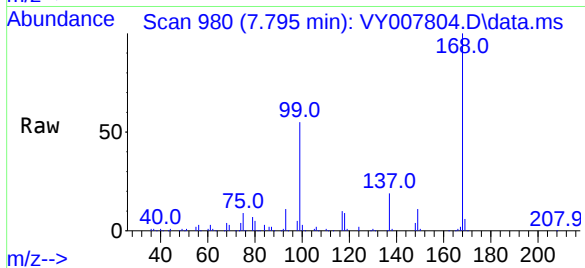
Acq: 09 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 17826
Ion Ratio	Lower Upper
75 100	
110 0.0	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.779 ug/l

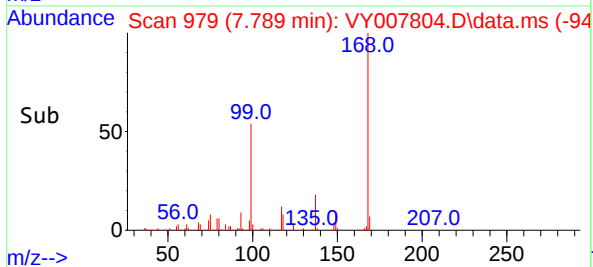
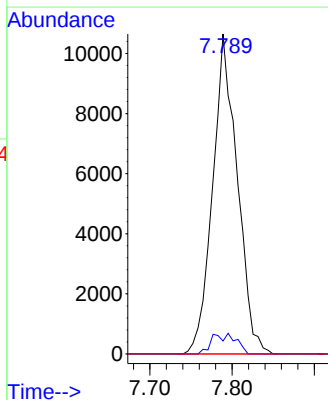
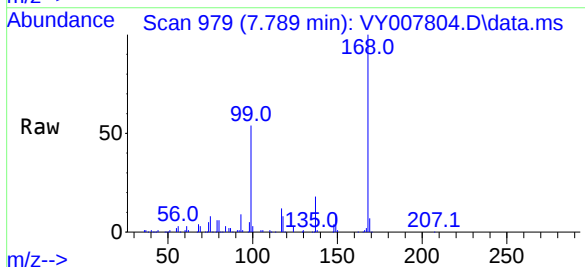
RT: 7.789 min Scan# 979

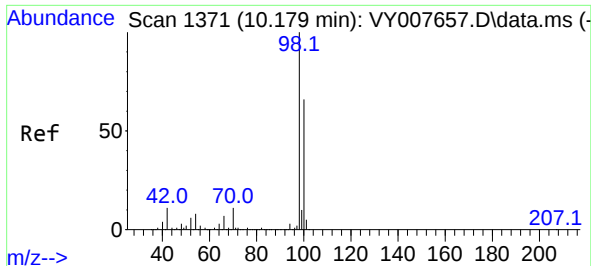
Delta R.T. -0.110 min

Lab File: VY007804.D

Acq: 09 Mar 2022 17:06

Tgt Ion: 117	Resp: 22155
Ion Ratio	Lower Upper
117 100	
119 4.0	77.9 116.9#
121 0.0	24.8 37.2#

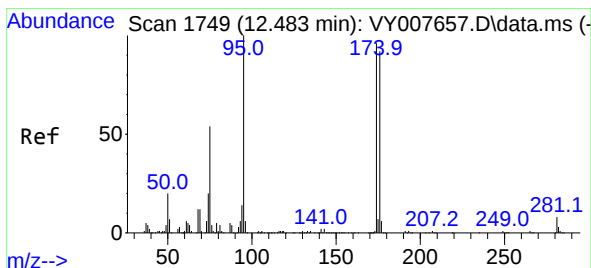
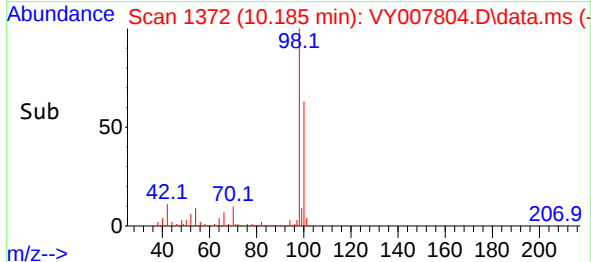
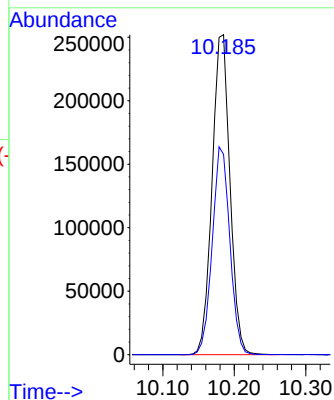
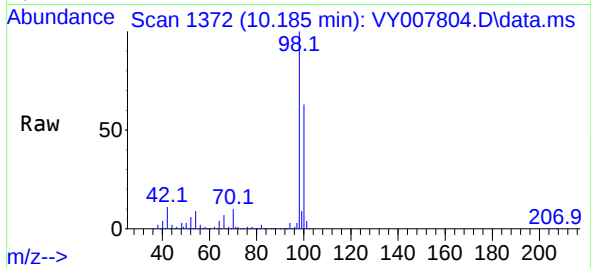




#50
Toluene-d8
Concen: 52.003 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

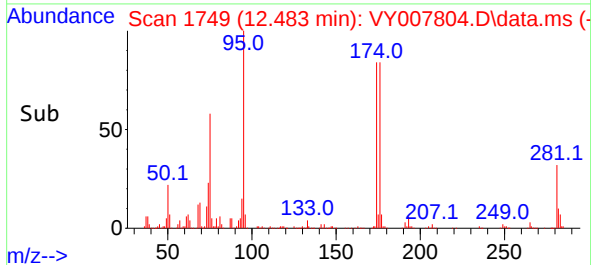
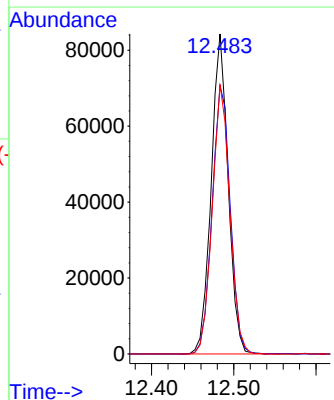
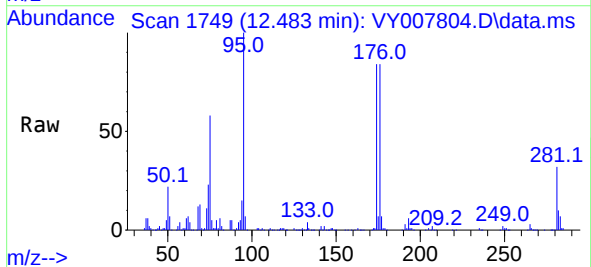
Instrument :
MSVOA_Y
ClientSampleId :

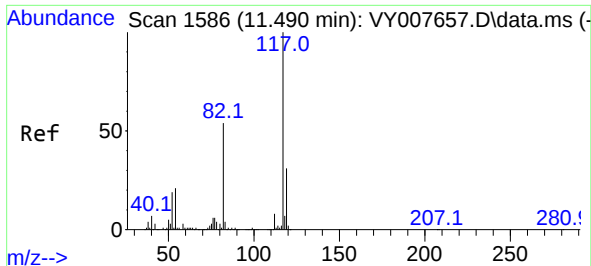
Tgt Ion: 98 Resp: 437317
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 95 Resp: 120642
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 87.1 0.0 175.8

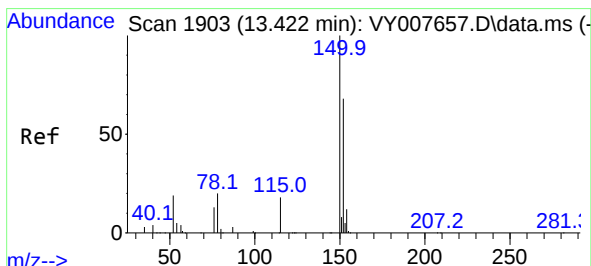
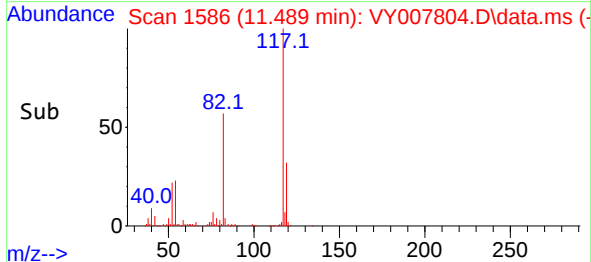
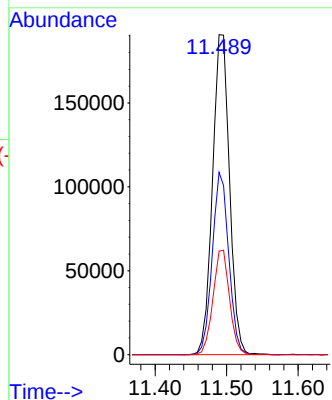
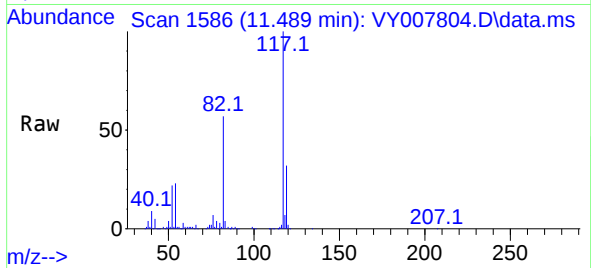




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

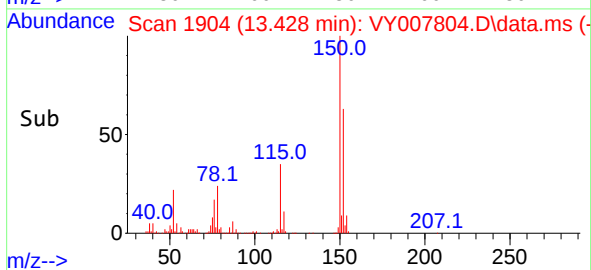
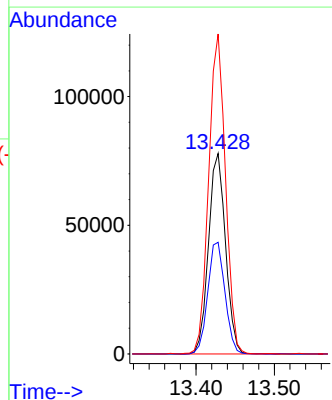
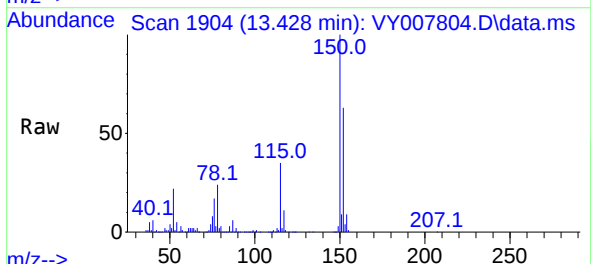
Instrument :
MSVOA_Y
ClientSampleId :

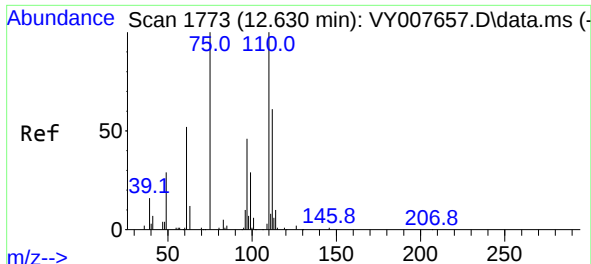
Tgt Ion:117 Resp: 315123
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion:152 Resp: 117467
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 157.4 0.0 347.6

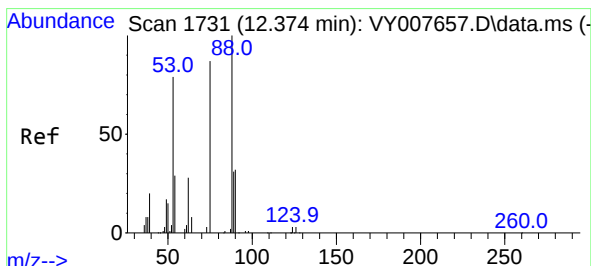
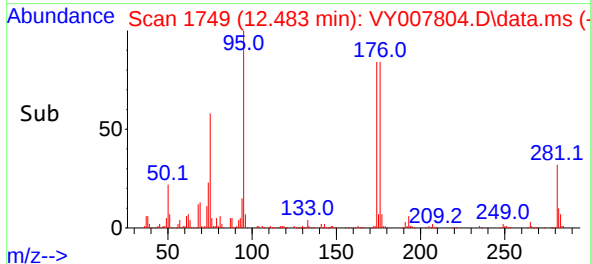
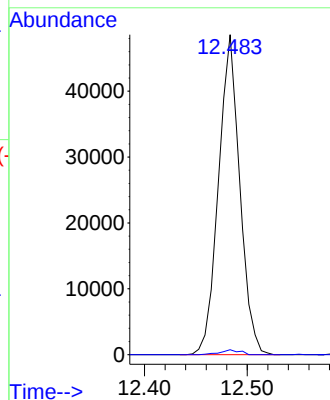
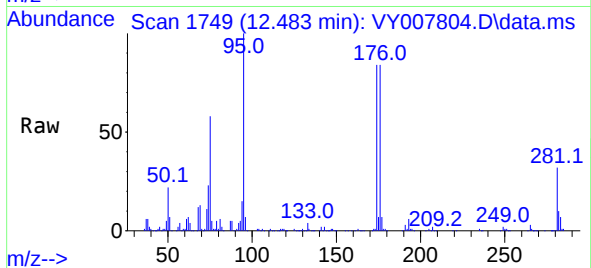




#76
1,2,3-Trichloropropane
Concen: 53.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69766
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 75 Resp: 69766
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#

