

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007725.D
 Acq On : 04 Mar 2022 00:33
 Operator : SY/MD
 Sample : N1730-04
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4

Quant Time: Mar 04 07:30:26 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)

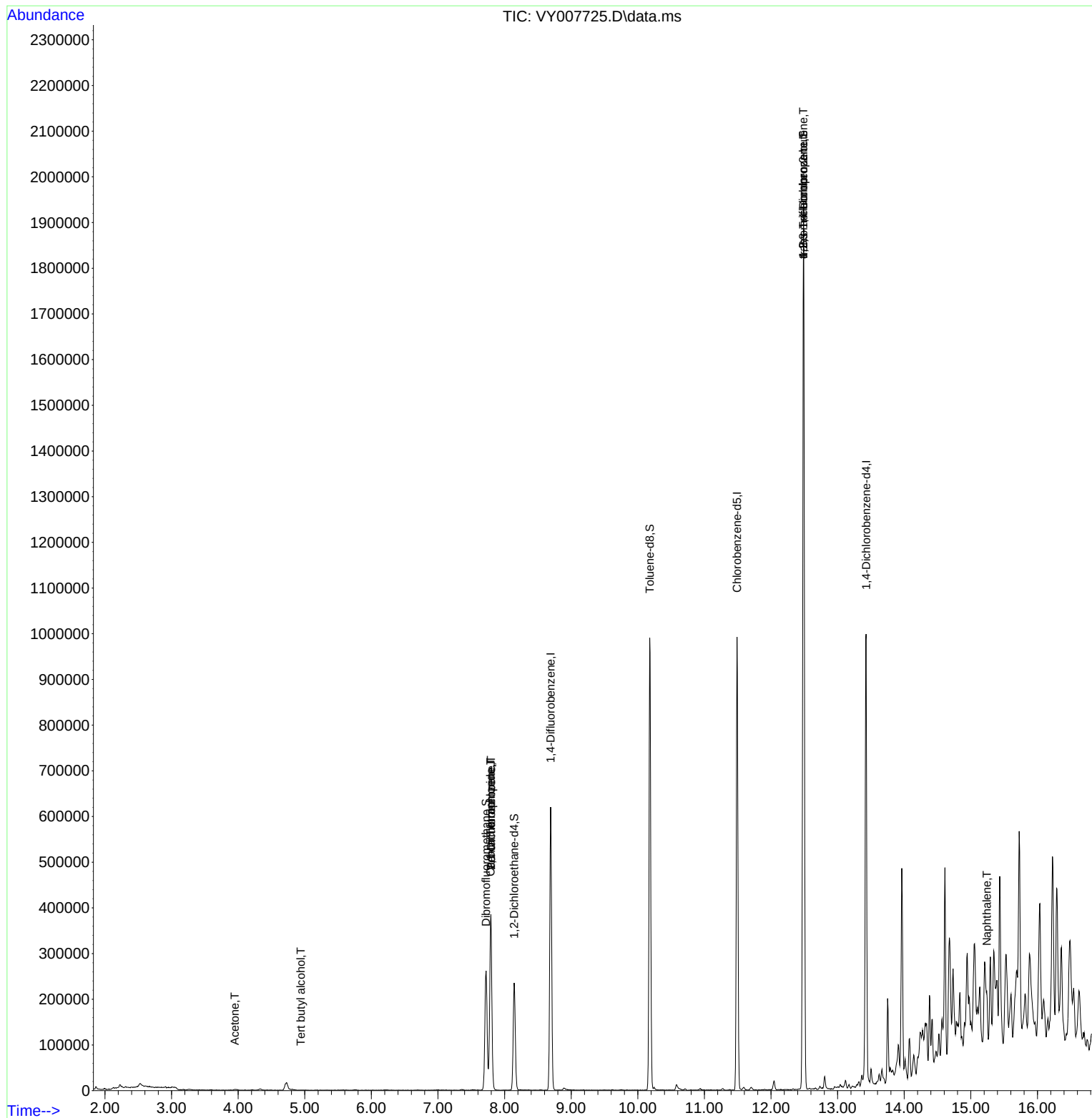
Internal Standards						
1) Pentafluorobenzene	7.795	168	302736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	539646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	541697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	245514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	177333	55.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.722	113	180123	52.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.179	98	659898	51.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.483	95	229728	56.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	69	Below Cal	#	43
3) Chloromethane	2.119	50	1191	Below Cal		97
11) Tert butyl alcohol	4.942	59	434	1.582	ug/l #	77
13) Acrolein	3.857	56	21	Below Cal	#	1
16) Acetone	3.948	43	2822	4.377	ug/l #	87
17) Carbon Disulfide	4.204	76	385	Below Cal	#	75
18) Methyl Acetate	4.478	43	570	Below Cal		98
20) Methylene Chloride	4.722	84	12670	Below Cal	#	84
31) Cyclohexane	7.795	56	6168	Below Cal	#	15
36) 1,1-Dichloropropene	7.795	75	21805	4.018	ug/l #	51
38) Carbon Tetrachloride	7.789	117	30532	5.274	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	136632	49.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	136632	101.877	ug/l #	8
95) Naphthalene	15.239	128	37571	3.747	ug/l #	89

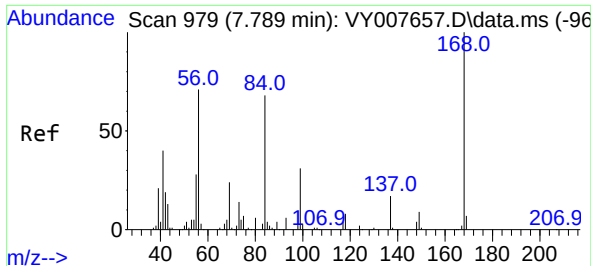
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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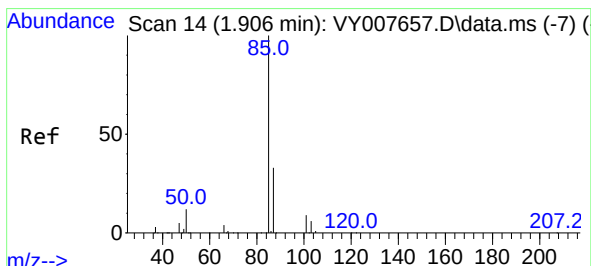
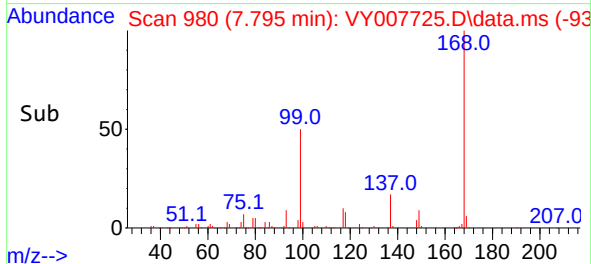
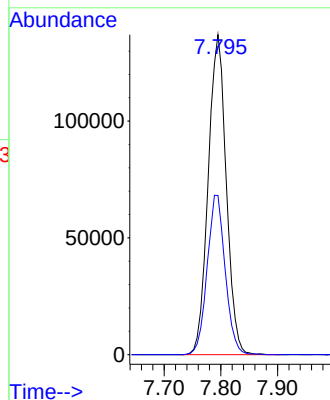
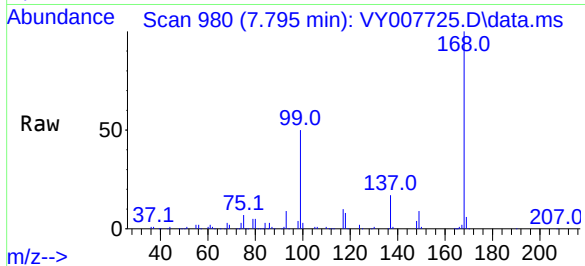




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

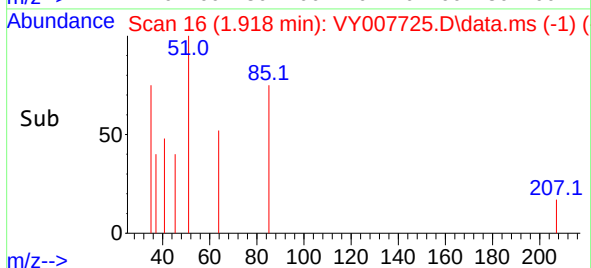
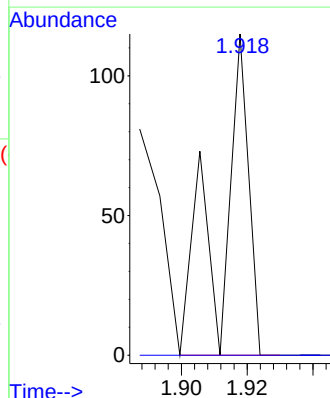
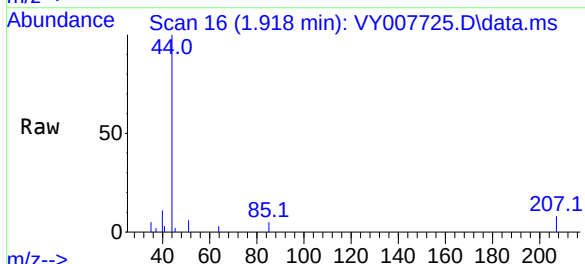
Instrument :
MSVOA_Y
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7-8-SAMPLE-LOCATION-4

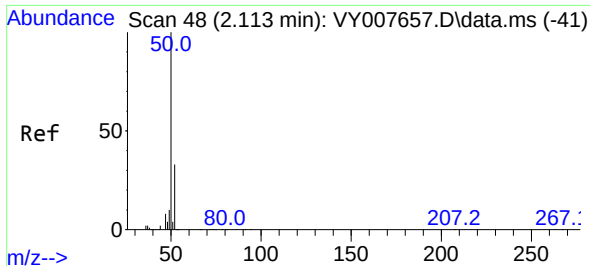
Tgt Ion:168 Resp: 302736
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

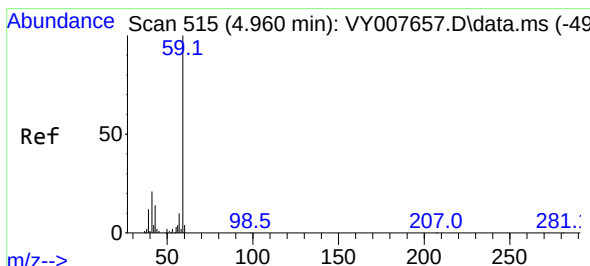
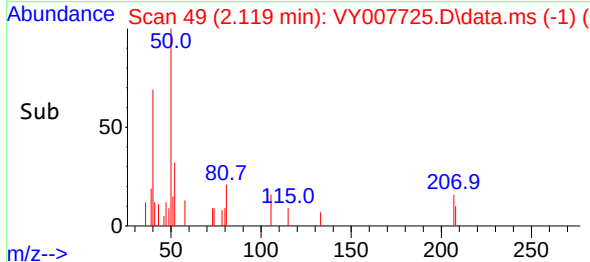
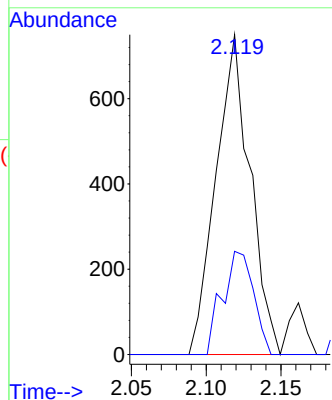
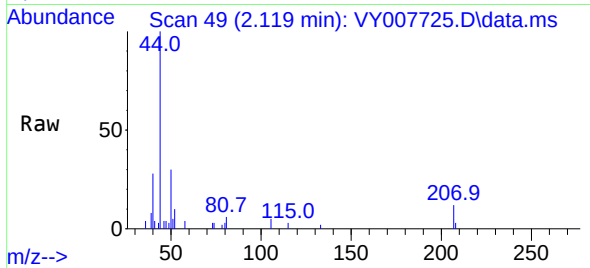




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

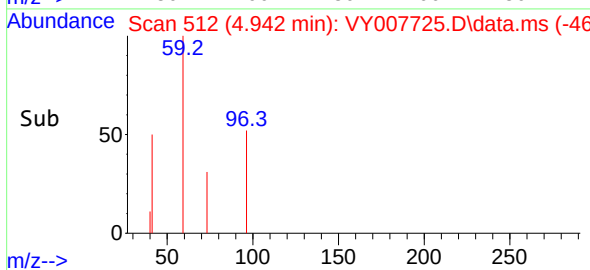
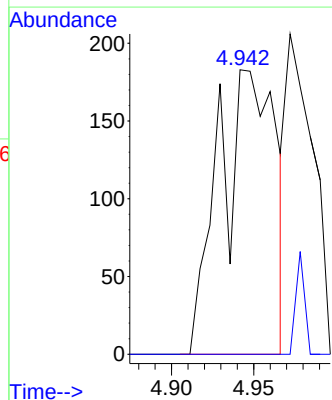
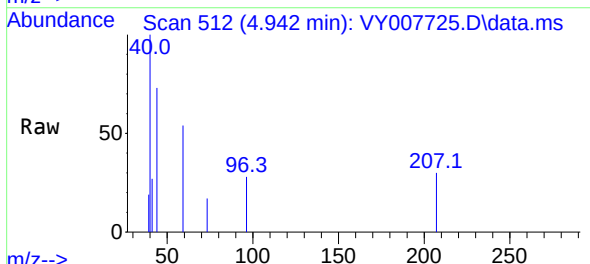
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

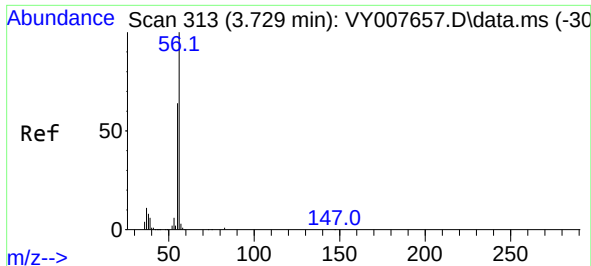
Tgt Ion: 50 Resp: 1191
Ion Ratio Lower Upper
50 100
52 32.3 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.582 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

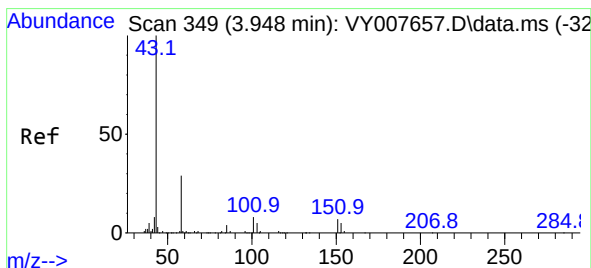
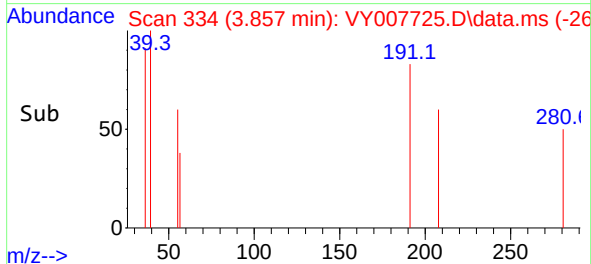
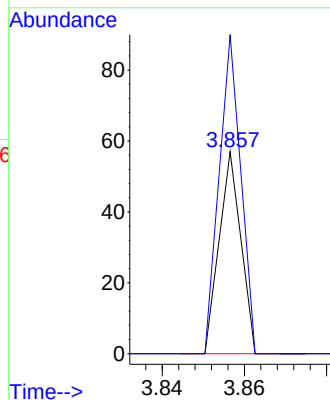
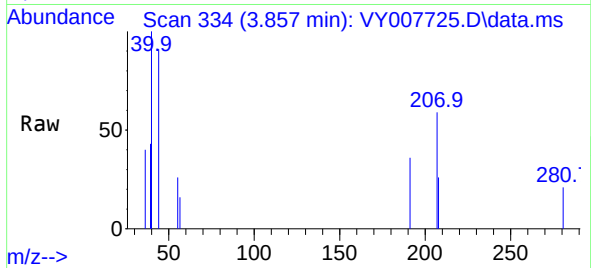




#13
Acrolein
Concen: Below Cal
RT: 3.857 min Scan# 313
Delta R.T. 0.127 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

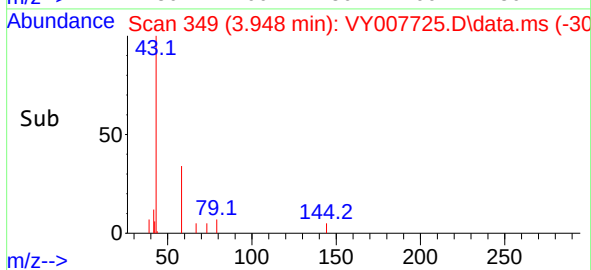
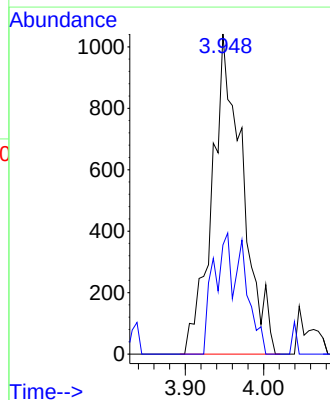
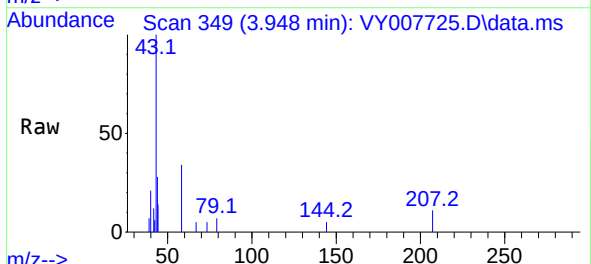
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

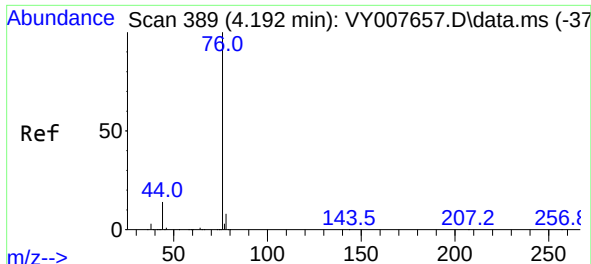
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 157.1 57.6 86.4#



#16
Acetone
Concen: 4.377 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#

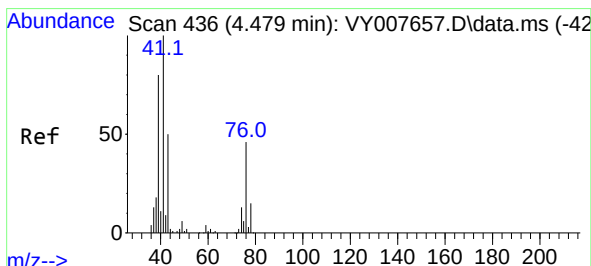
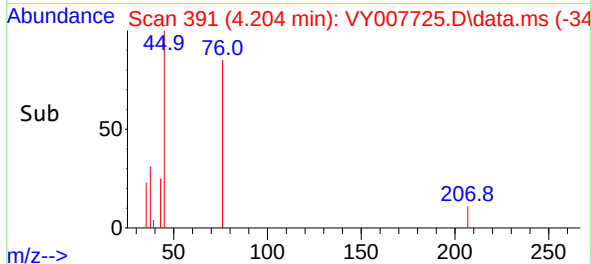
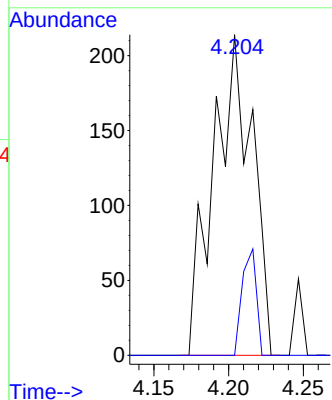
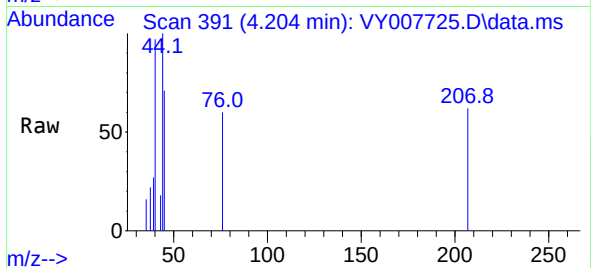




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

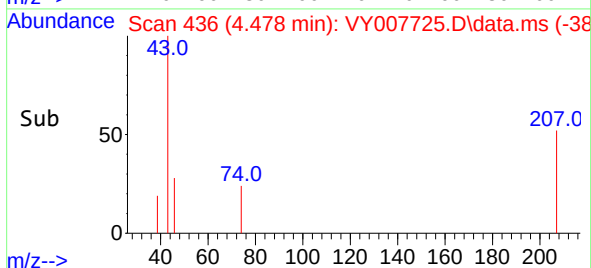
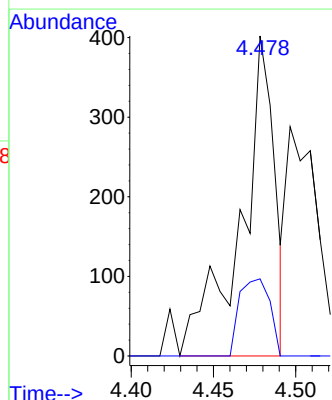
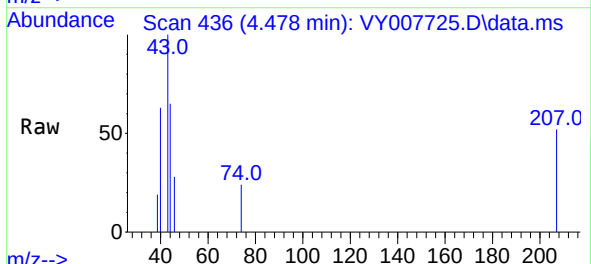
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

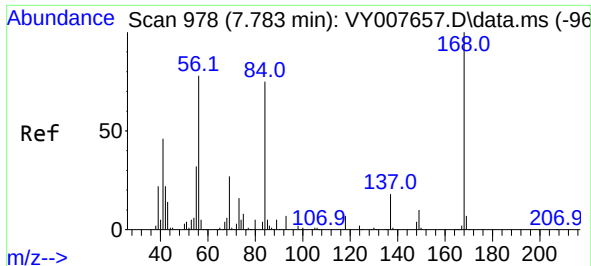
Tgt Ion: 76 Resp: 385
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
74 21.8 16.6 24.8

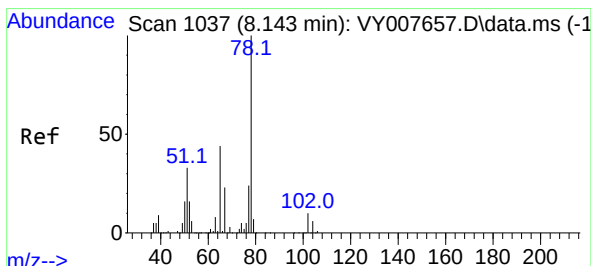
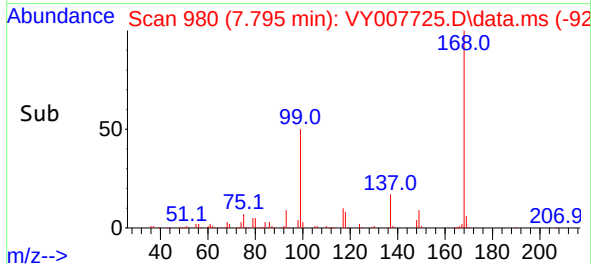
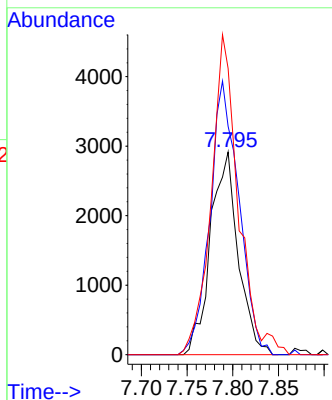
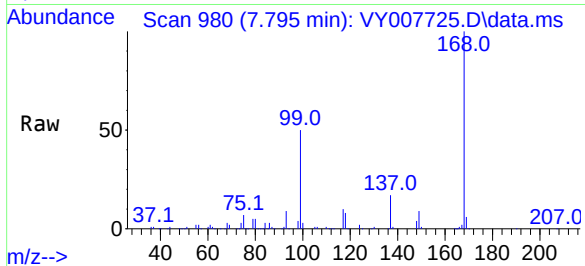




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

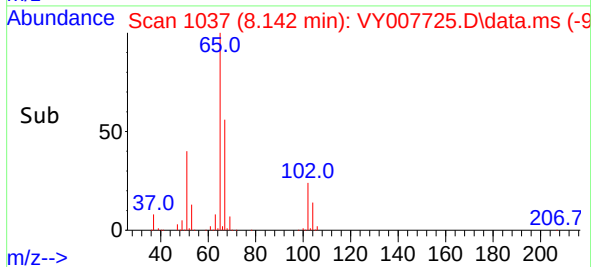
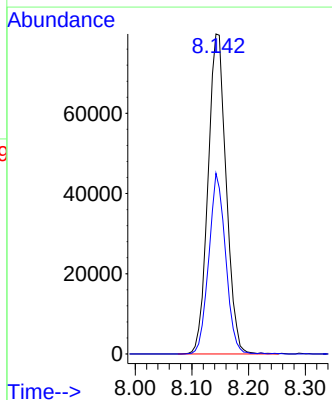
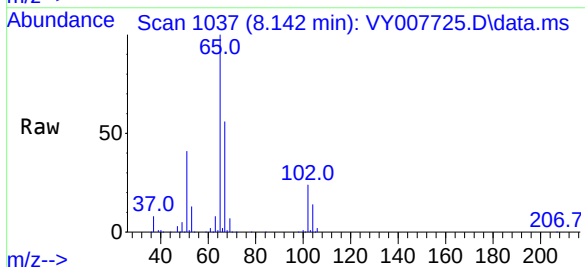
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

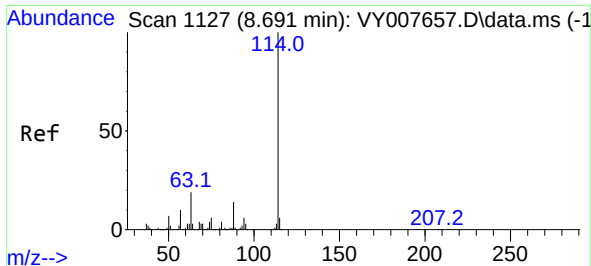
Tgt Ion: 56 Resp: 6168
Ion Ratio Lower Upper
56 100
69 112.6 26.7 40.1#
84 141.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.952 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 65 Resp: 177333
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. 0.000 min

Lab File: VY007725.D

Acq: 04 Mar 2022 00:33

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4

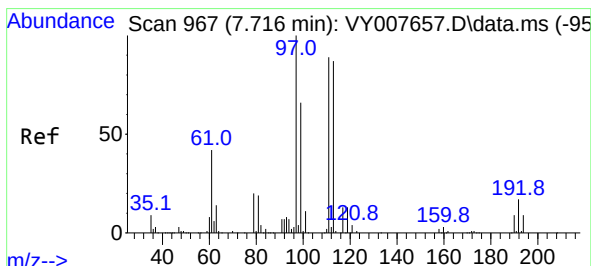
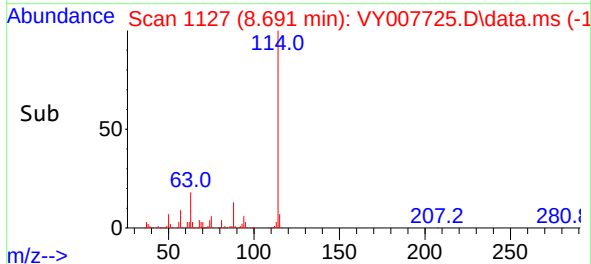
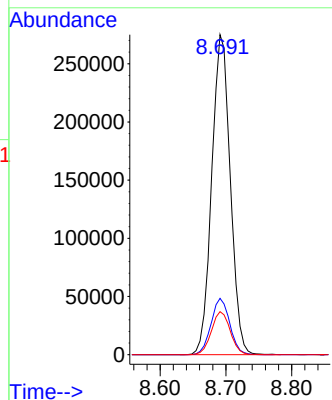
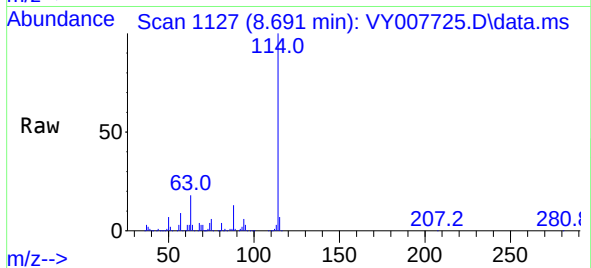
Tgt Ion:114 Resp: 539646

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.208 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007725.D

Acq: 04 Mar 2022 00:33

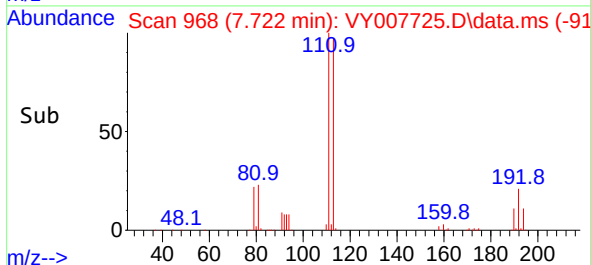
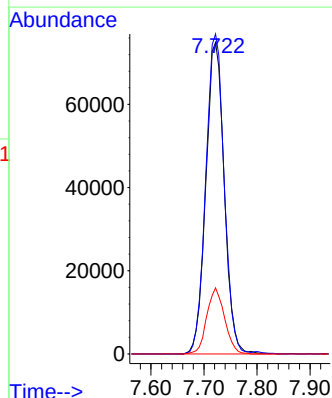
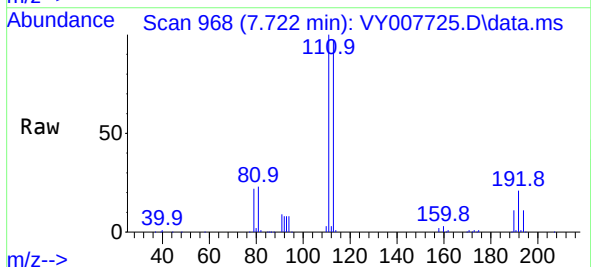
Tgt Ion:113 Resp: 180123

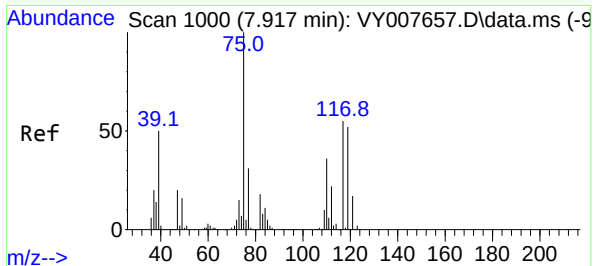
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.018 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007725.D

Acq: 04 Mar 2022 00:33

Instrument :

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ClientSampleId :

7-8-SAMPLE-LOCATION-4

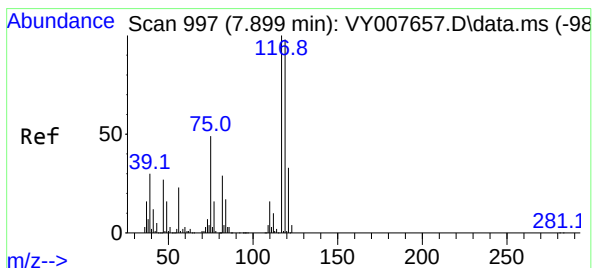
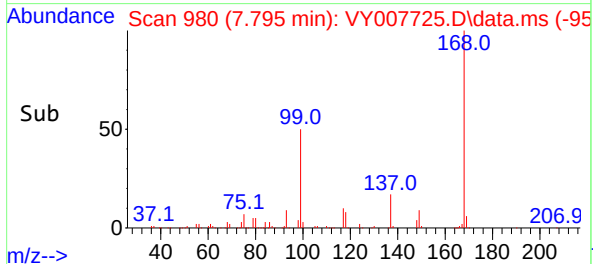
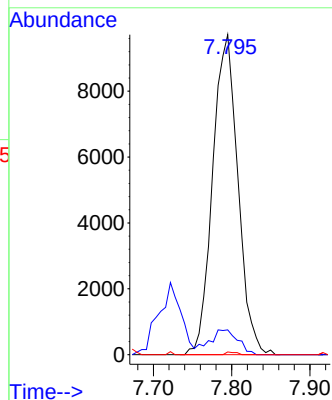
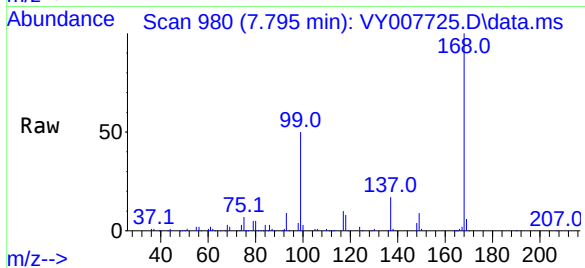
Tgt Ion: 75 Resp: 21805

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.274 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007725.D

Acq: 04 Mar 2022 00:33

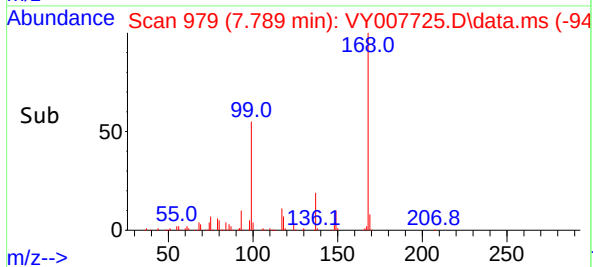
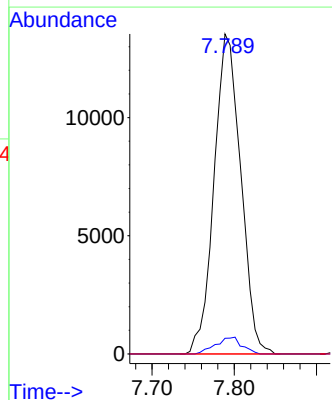
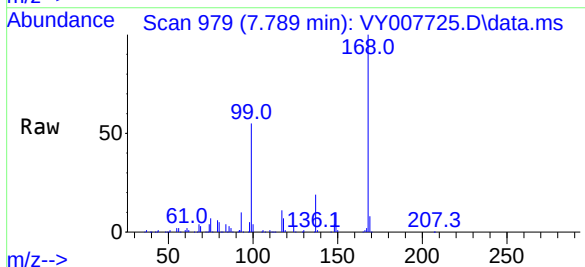
Tgt Ion: 117 Resp: 30532

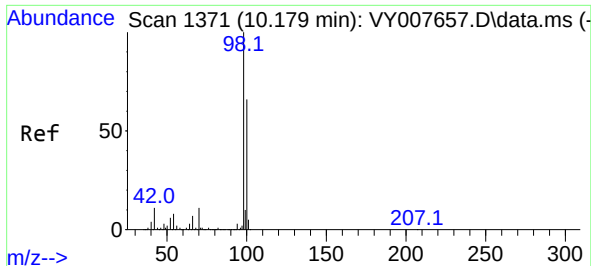
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#

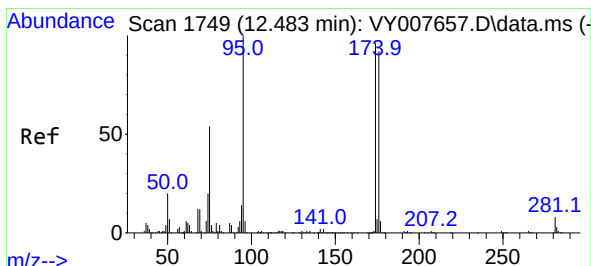
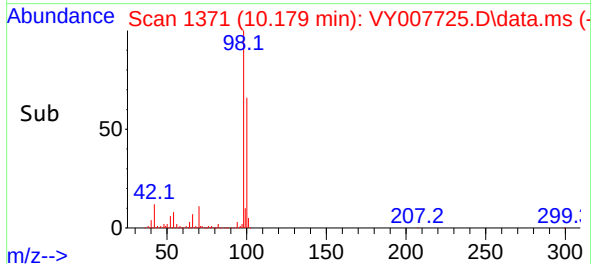
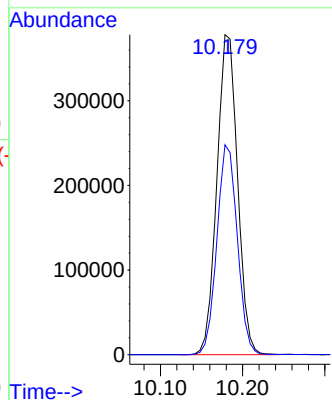
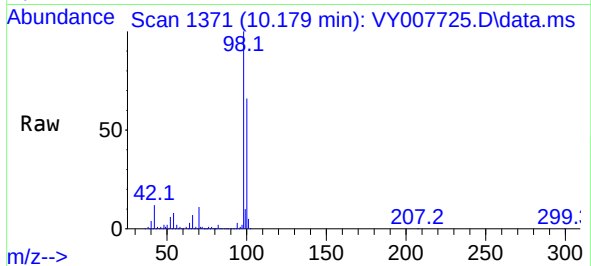




#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

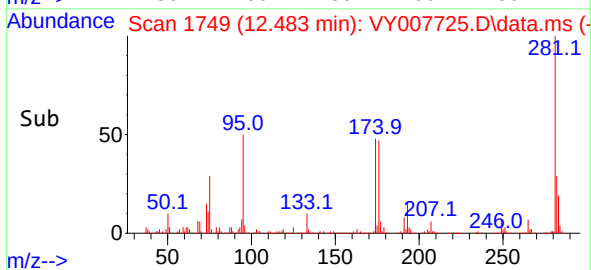
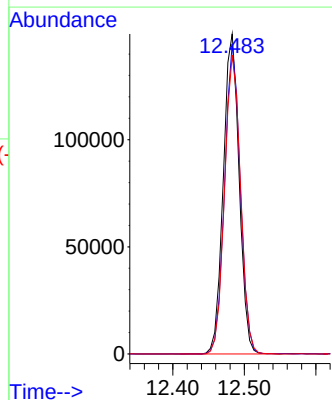
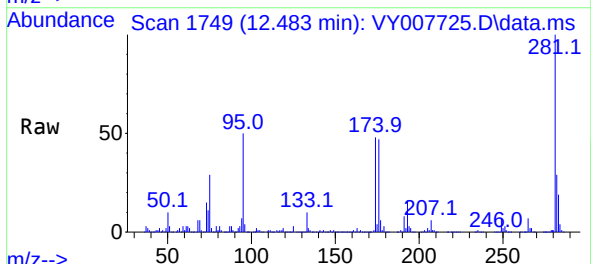
Instrument :
MSVOA_Y
ClientSampleId :
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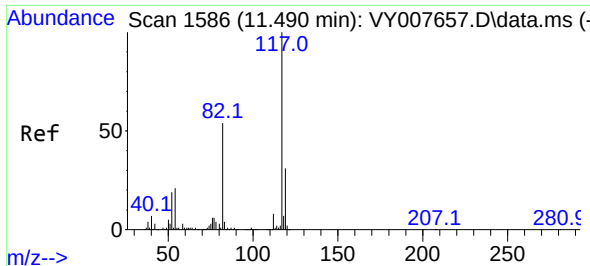
Tgt Ion: 98 Resp: 659898
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion: 95 Resp: 229728
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 94.2 0.0 175.8

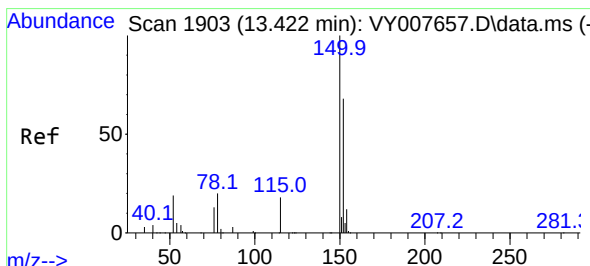
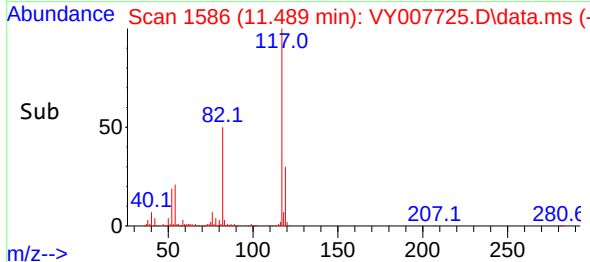
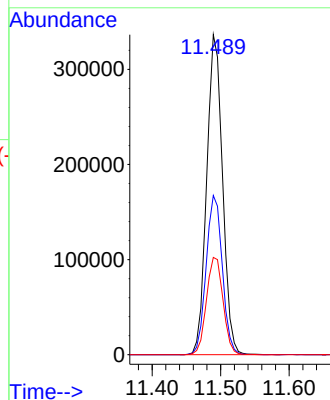
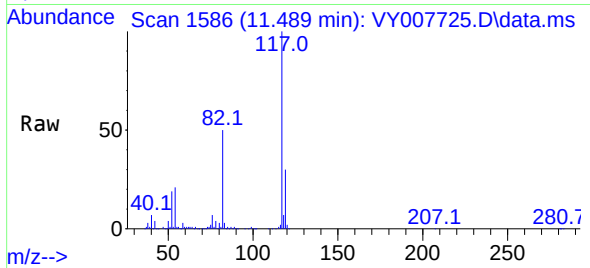




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

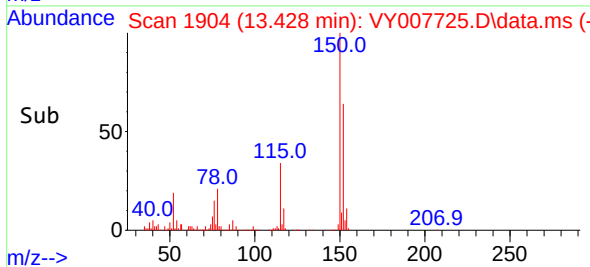
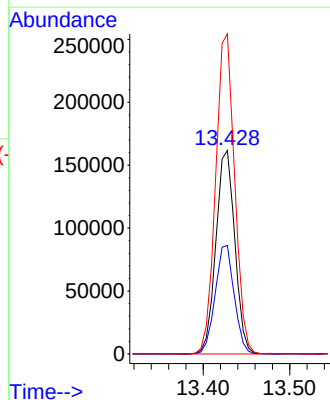
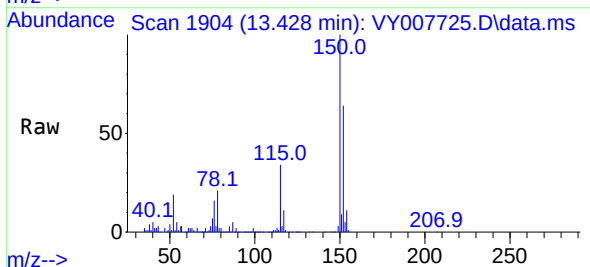
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

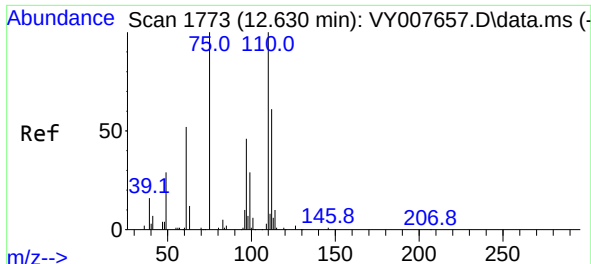
Tgt Ion:117 Resp: 541697
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Tgt Ion:152 Resp: 245514
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 158.2 0.0 347.6

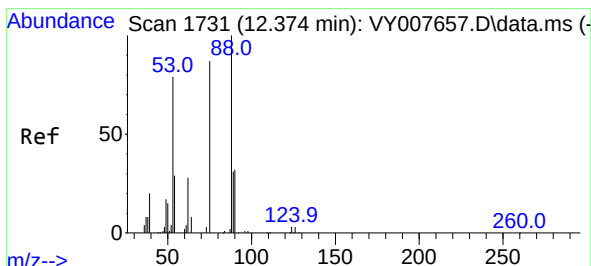
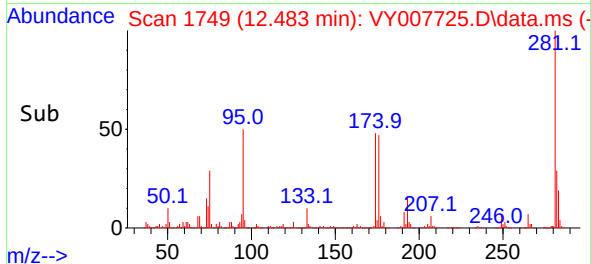
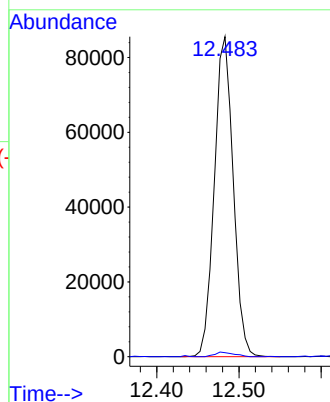
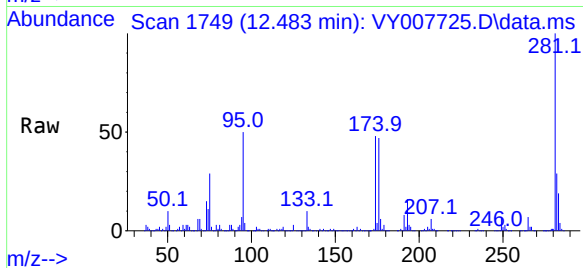




#76
1,2,3-Trichloropropane
Concen: 49.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

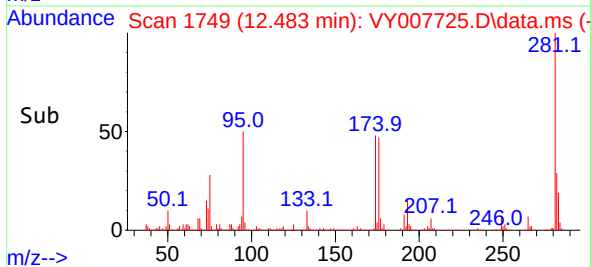
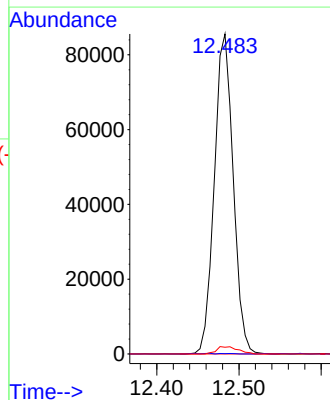
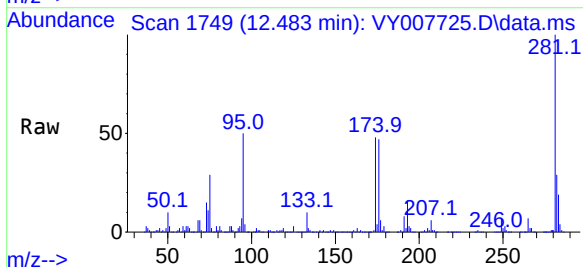
Instrument :
MSVOA_Y
ClientSampleId :
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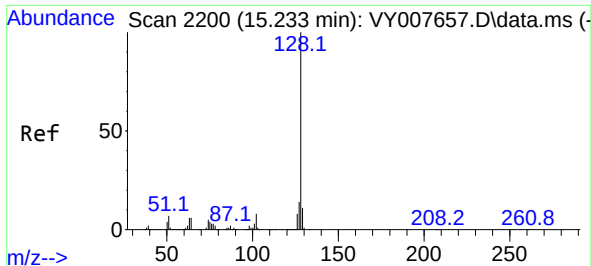
Tgt Ion: 75 Resp: 136632
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.877 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

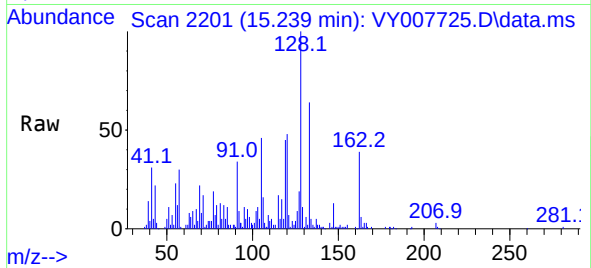
Tgt Ion: 75 Resp: 136632
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 2.6 37.0 55.4#





#95
Naphthalene
Concen: 3.747 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY007725.D
Acq: 04 Mar 2022 00:33

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:128 Resp: 37571
Ion Ratio Lower Upper
128 100
127 17.7 11.0 16.4#
129 15.2 8.4 12.6#

