

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007746.D
 Acq On : 04 Mar 2022 16:53
 Operator : SY/MD
 Sample : N1730-03RE
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:25:19 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)

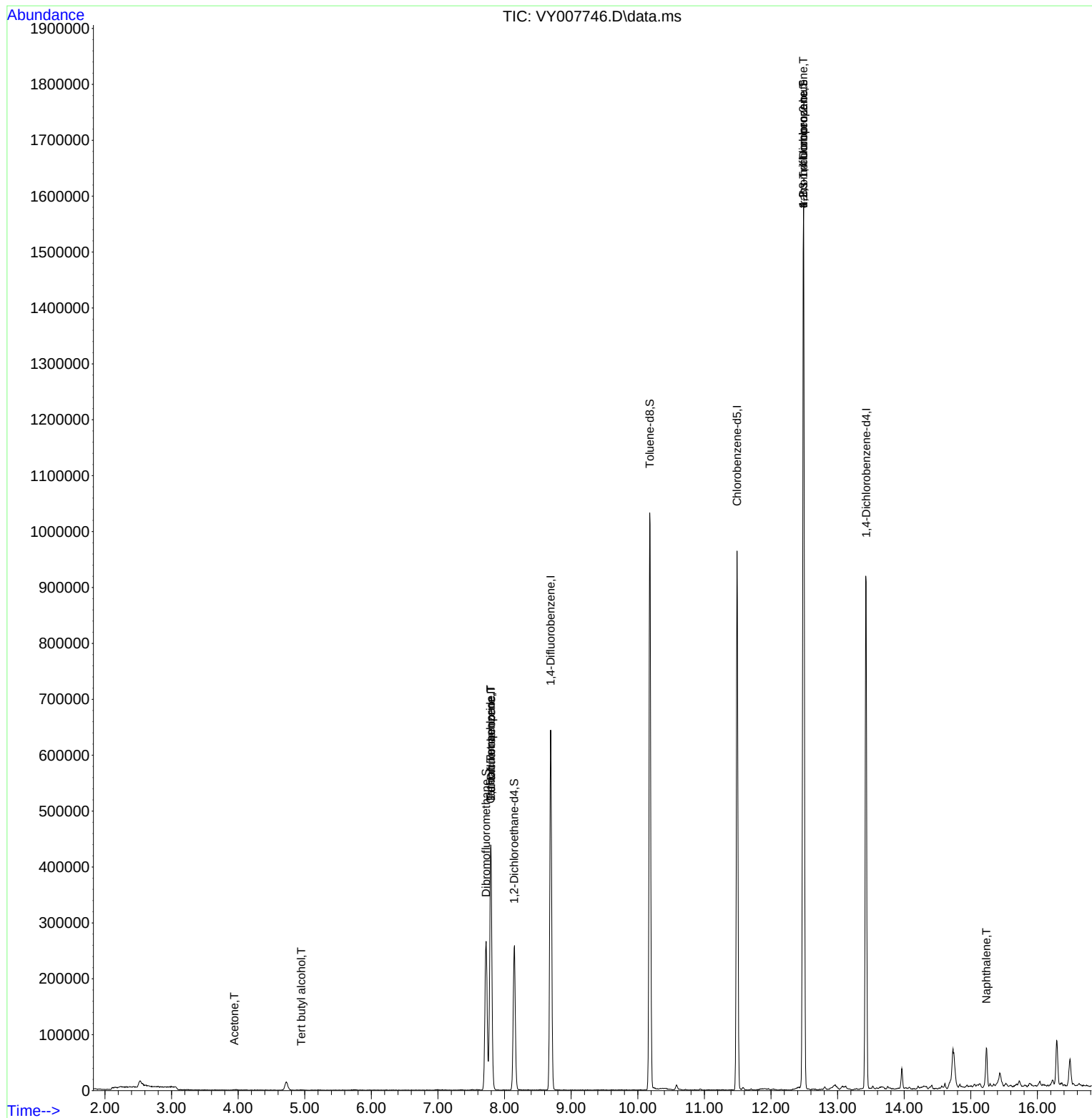
Internal Standards						
1) Pentafluorobenzene	7.795	168	359290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	561731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	514732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	239024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	196499	52.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.480%	
35) Dibromofluoromethane	7.722	113	184810	51.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.179	98	685413	51.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.483	95	209824	49.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	165	Below Cal	#	43
3) Chloromethane	2.119	50	1223	Below Cal		94
11) Tert butyl alcohol	4.948	59	521	1.600	ug/l #	77
13) Acrolein	3.631	56	64	Below Cal	#	57
16) Acetone	3.942	43	1625	2.124	ug/l #	66
17) Carbon Disulfide	4.326	76	19	Below Cal	#	75
18) Methyl Acetate	4.503	43	83	Below Cal	#	56
20) Methylene Chloride	4.723	84	10877	Below Cal	#	82
31) Cyclohexane	7.789	56	7449	Below Cal	#	20
36) 1,1-Dichloropropene	7.795	75	25686	4.547	ug/l #	42
38) Carbon Tetrachloride	7.789	117	34379	5.705	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	124729	46.727	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	124729	95.527	ug/l #	8
95) Naphthalene	15.233	128	58230	5.966	ug/l	100

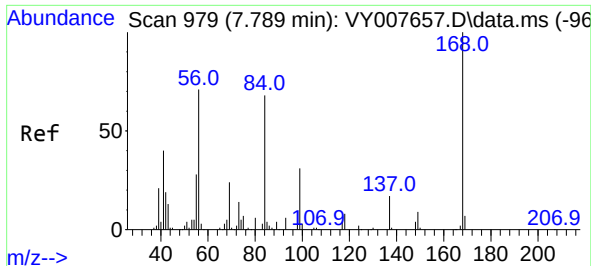
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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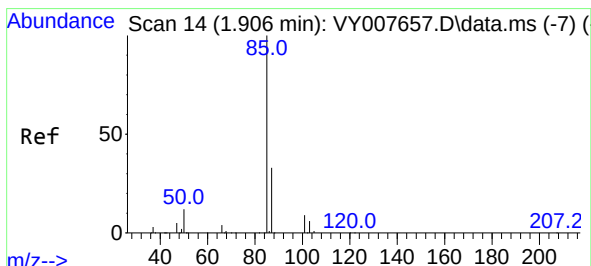
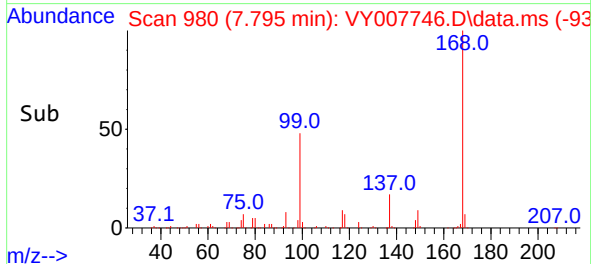
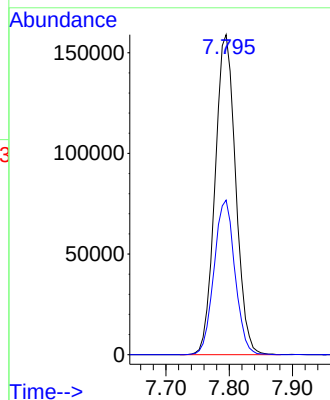
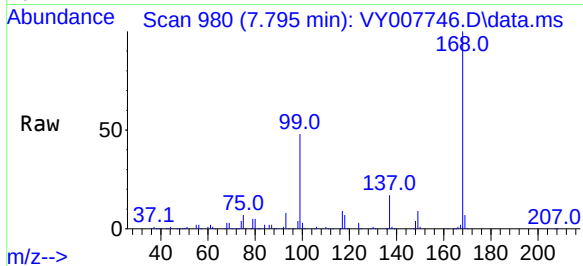




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

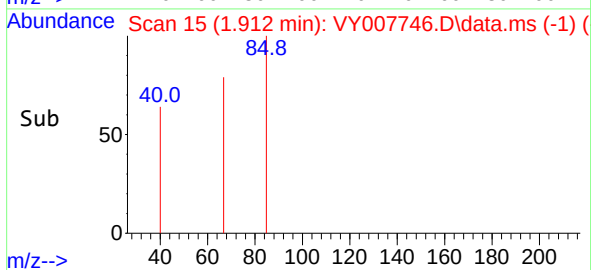
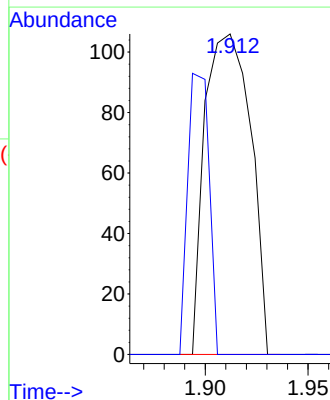
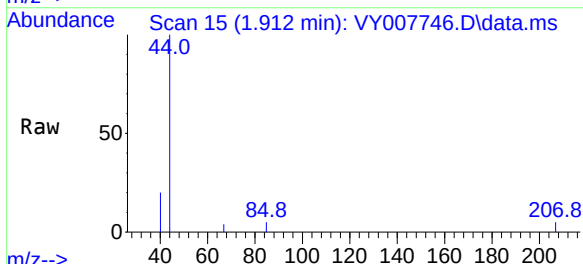
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 359290
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3

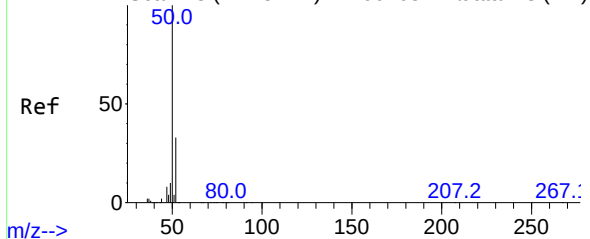


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Tgt Ion: 85 Resp: 165
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007746.D

Acq: 04 Mar 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

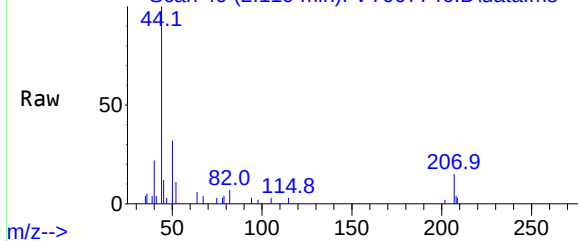
Tgt Ion: 50 Resp: 1223

Ion Ratio Lower Upper

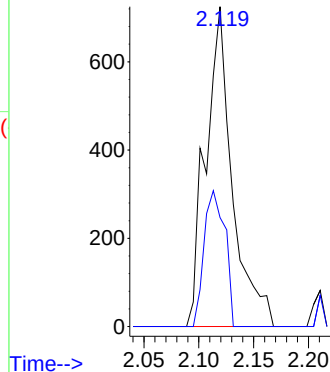
50 100

52 34.1 24.6 37.0

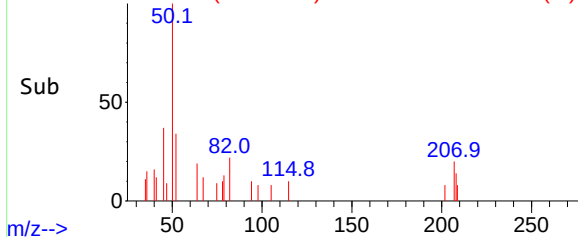
Abundance Scan 49 (2.119 min): VY007746.D\data.ms



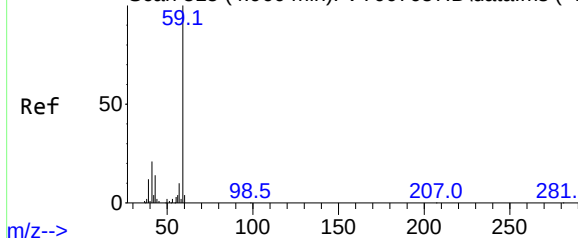
Abundance



Abundance Scan 49 (2.119 min): VY007746.D\data.ms (-1)



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 1.600 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY007746.D

Acq: 04 Mar 2022 16:53

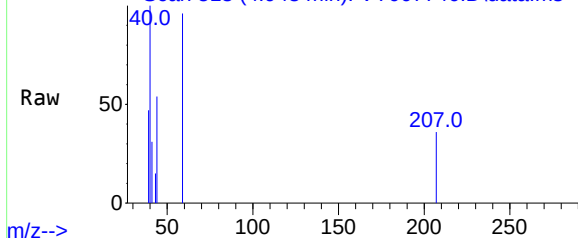
Tgt Ion: 59 Resp: 521

Ion Ratio Lower Upper

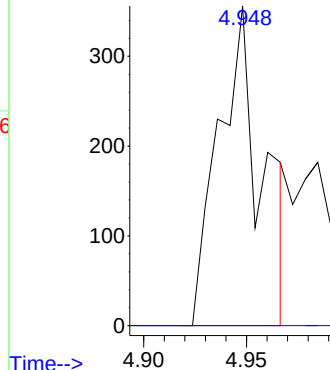
59 100

57 0.0 6.4 9.6#

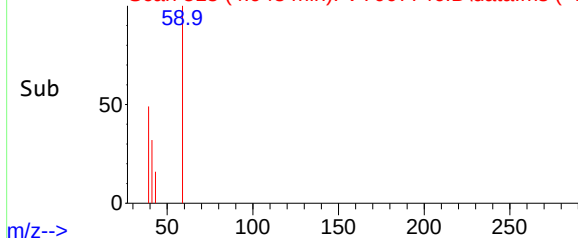
Abundance Scan 513 (4.948 min): VY007746.D\data.ms

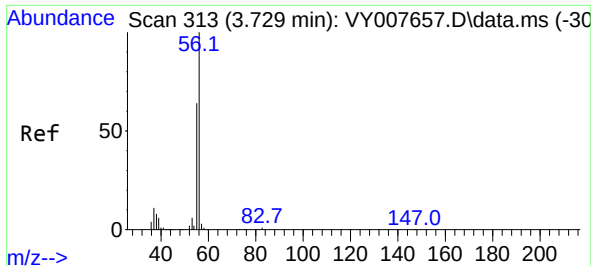


Abundance



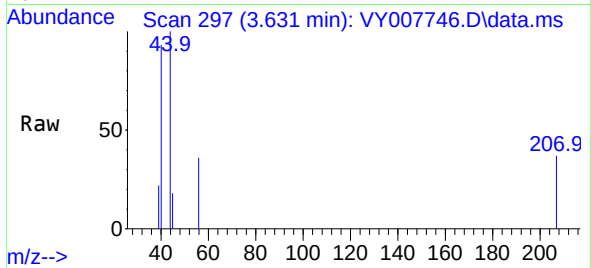
Abundance Scan 513 (4.948 min): VY007746.D\data.ms (-46)



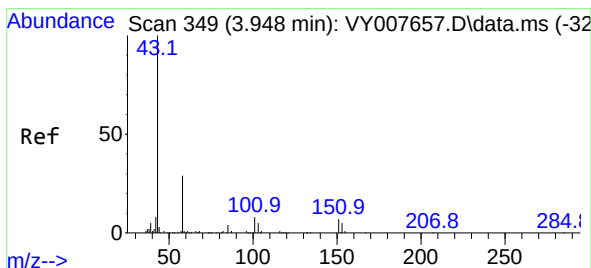
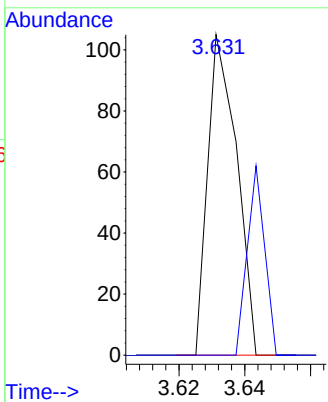
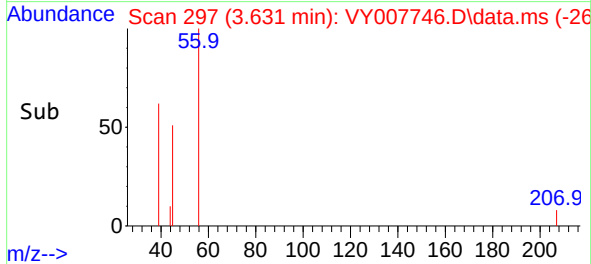


#13
Acrolein
Concen: Below Cal
RT: 3.631 min Scan# 24
Delta R.T. -0.098 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

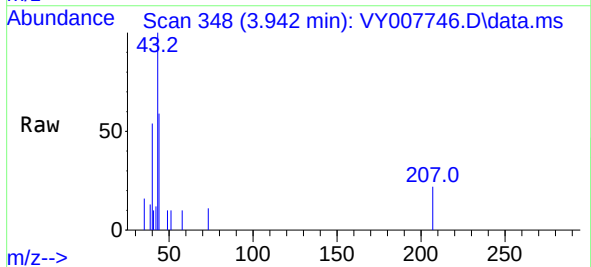
Instrument :
MSVOA_Y
ClientSampleId :



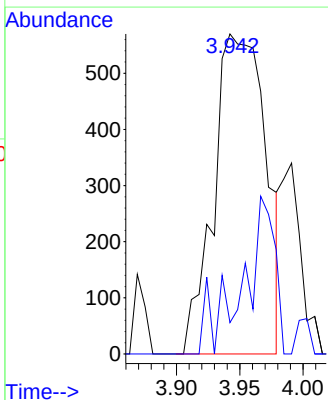
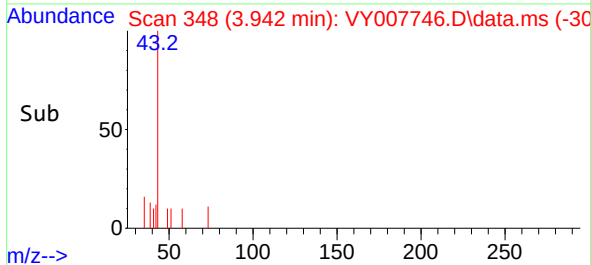
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 35.9 57.6 86.4#

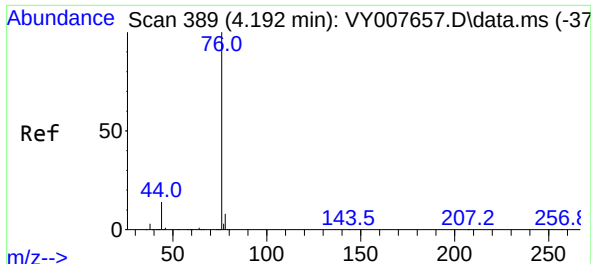


#16
Acetone
Concen: 2.124 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53



Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 9.8 22.0 33.0#

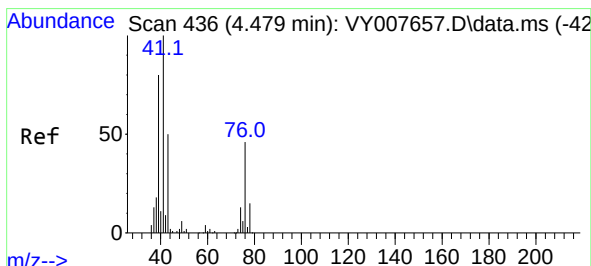
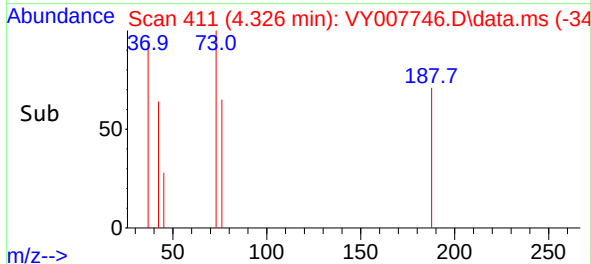
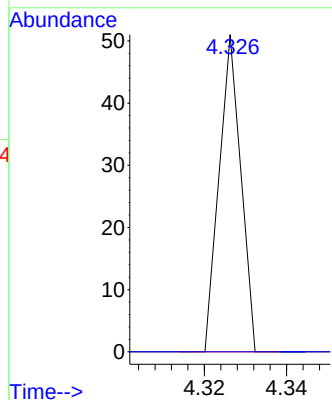
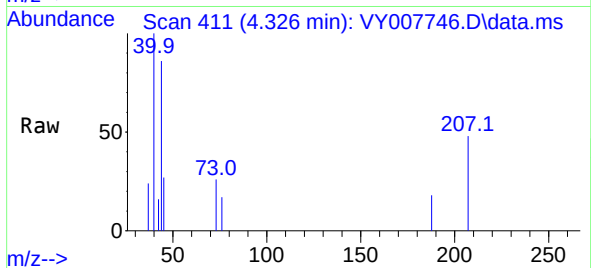




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.326 min Scan# 411
Delta R.T. 0.134 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

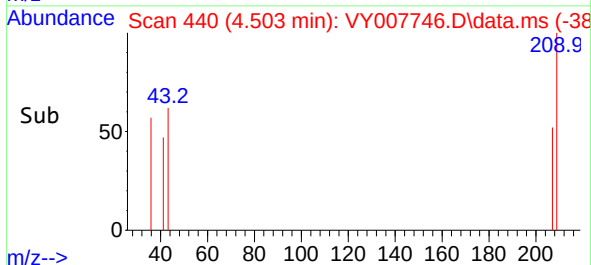
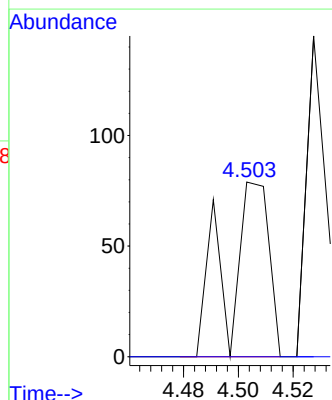
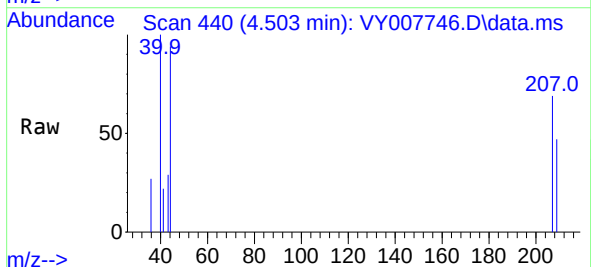
Instrument :
MSVOA_Y
ClientSampleId :

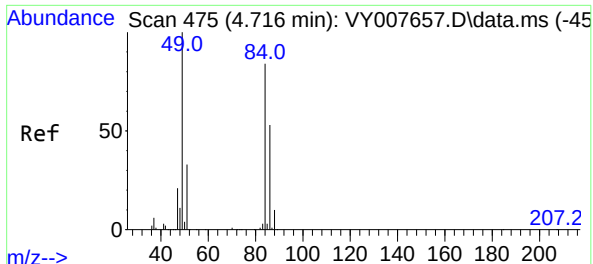
Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.503 min Scan# 440
Delta R.T. 0.024 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 41

Delta R.T. 0.007 min

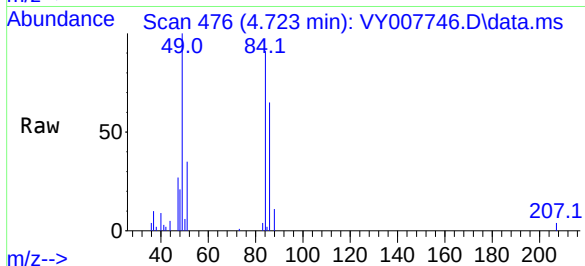
Lab File: VY007746.D

Acq: 04 Mar 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 10877

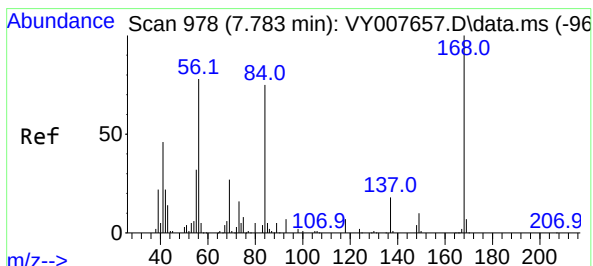
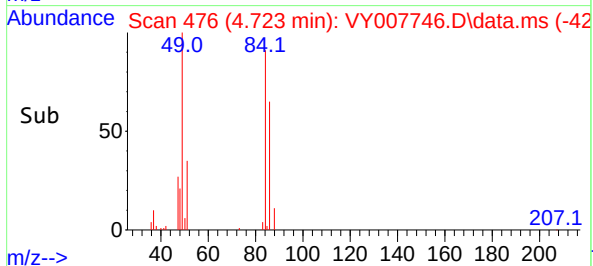
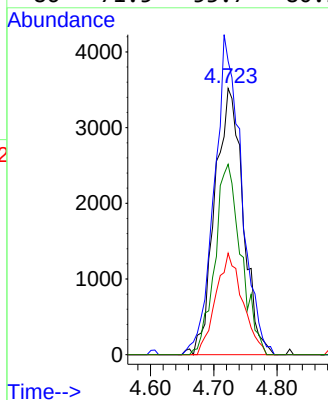
Ion Ratio Lower Upper

84 100

49 110.3 114.4 171.6#

51 38.1 35.3 52.9

86 71.5 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007746.D

Acq: 04 Mar 2022 16:53

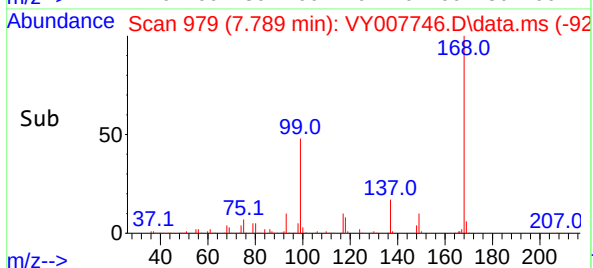
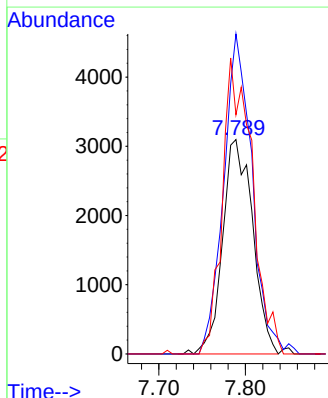
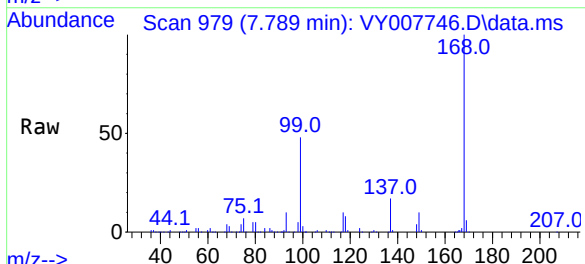
Tgt Ion: 56 Resp: 7449

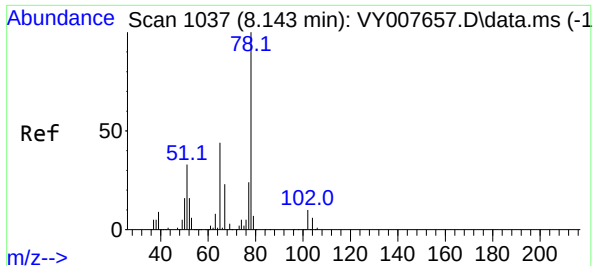
Ion Ratio Lower Upper

56 100

69 149.3 26.7 40.1#

84 111.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.240 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007746.D

Acq: 04 Mar 2022 16:53

Instrument :

MSVOA_Y

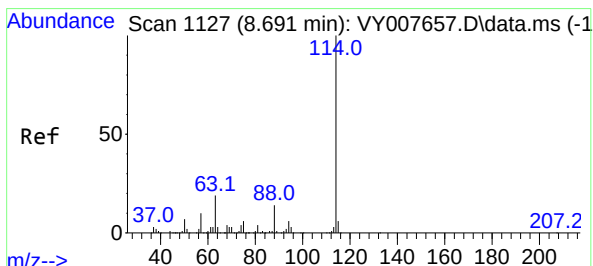
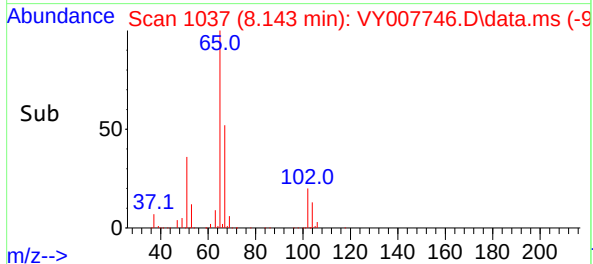
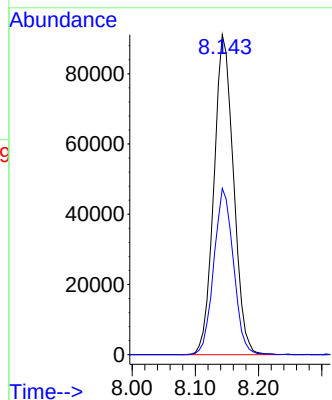
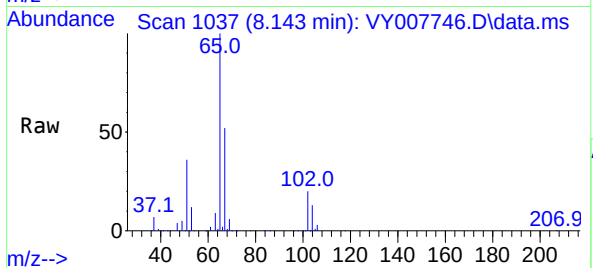
ClientSampleId :

Tgt Ion: 65 Resp: 196499

Ion Ratio Lower Upper

65 100

67 52.0 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: VY007746.D

Acq: 04 Mar 2022 16:53

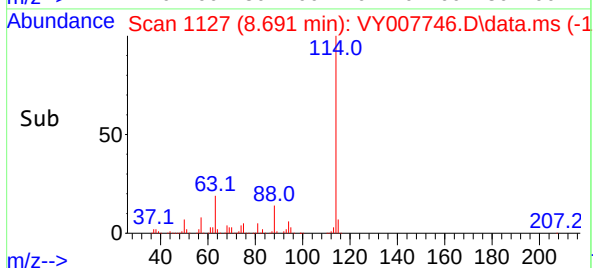
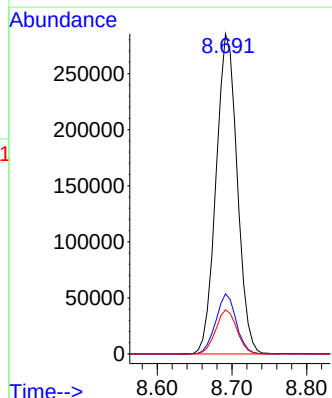
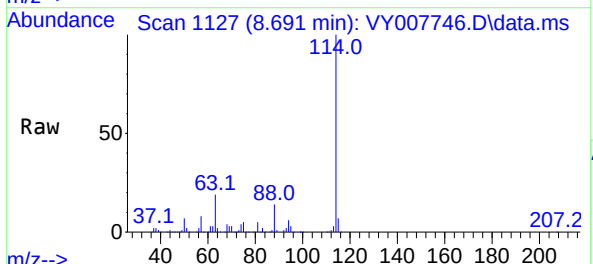
Tgt Ion: 114 Resp: 561731

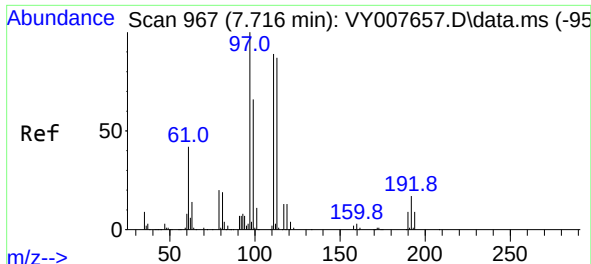
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.8 0.0 31.8

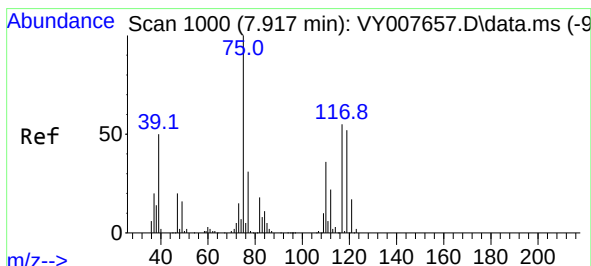
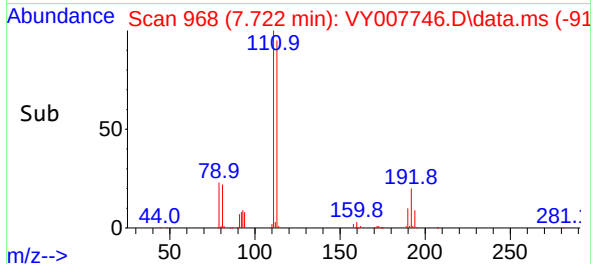
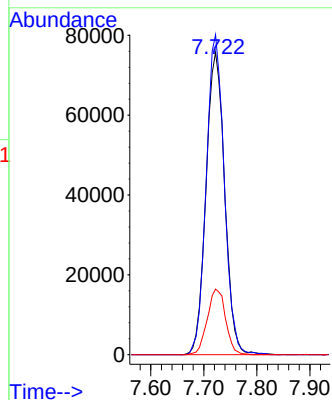
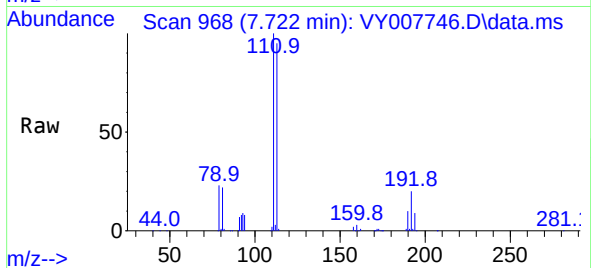




#35
Dibromofluoromethane
Concen: 51.460 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

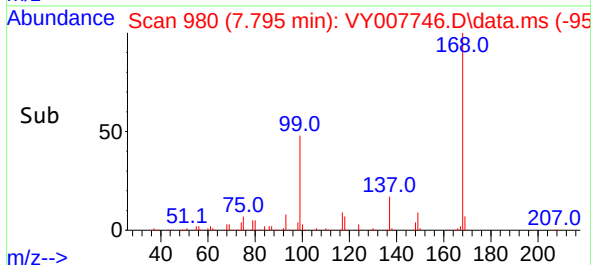
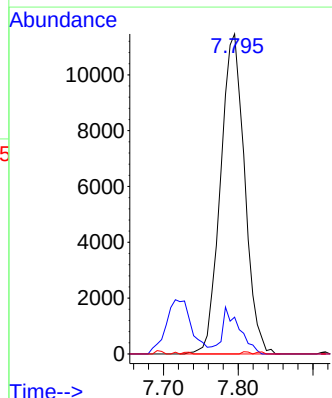
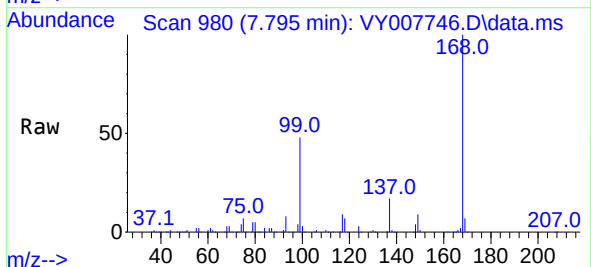
Instrument :
MSVOA_Y
ClientSampleId :

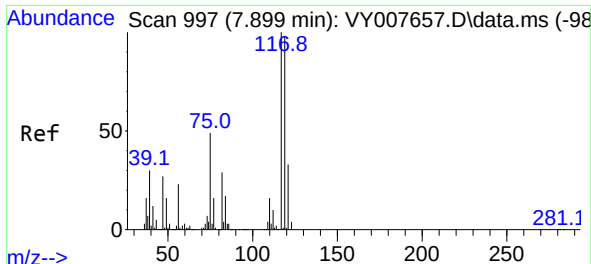
Tgt Ion:113 Resp: 184810
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

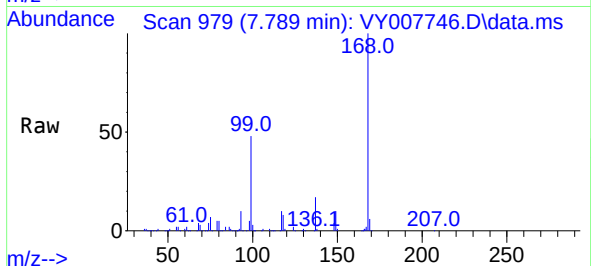
Tgt Ion: 75 Resp: 25686
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.2 24.4 36.6#



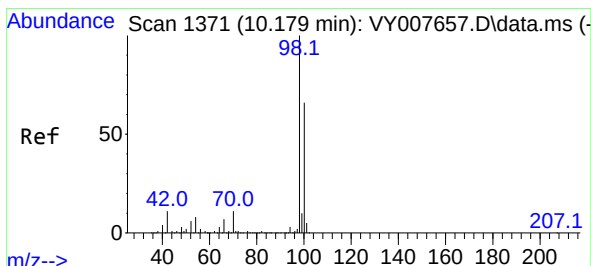
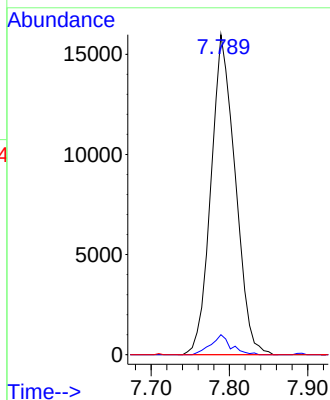
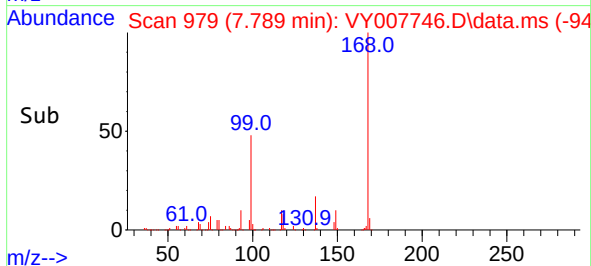


#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Instrument :
MSVOA_Y
ClientSampleId :

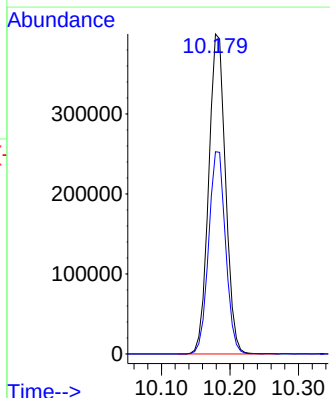
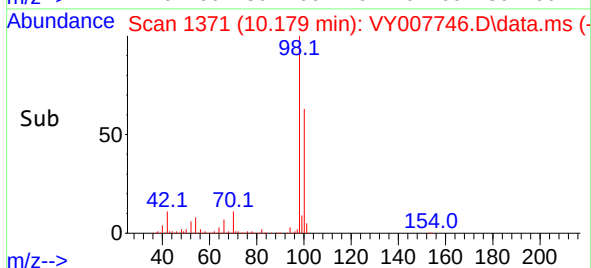
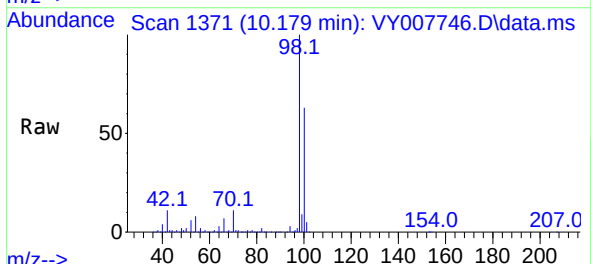


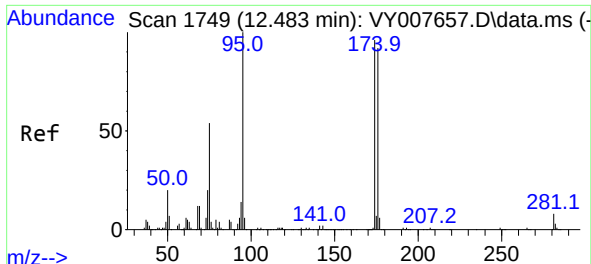
Tgt Ion:117 Resp: 34379
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

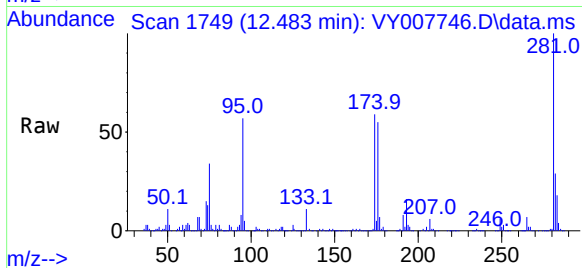
Tgt Ion: 98 Resp: 685413
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



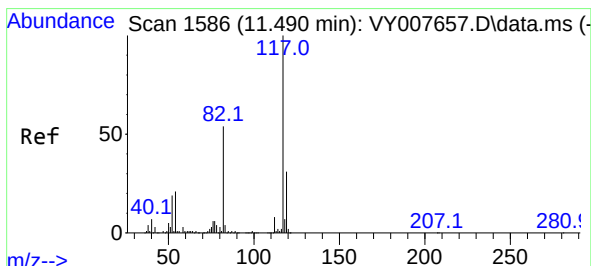
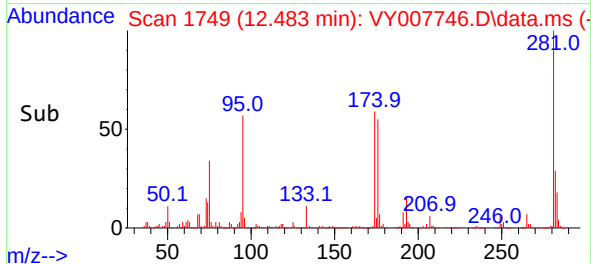
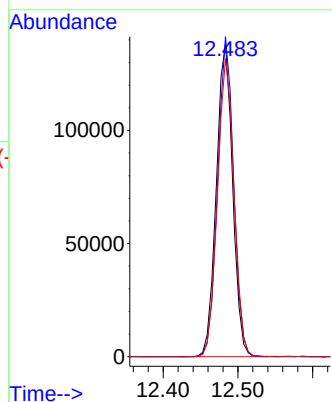


#62
4-Bromofluorobenzene
Concen: 49.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Instrument :
MSVOA_Y
ClientSampleId :

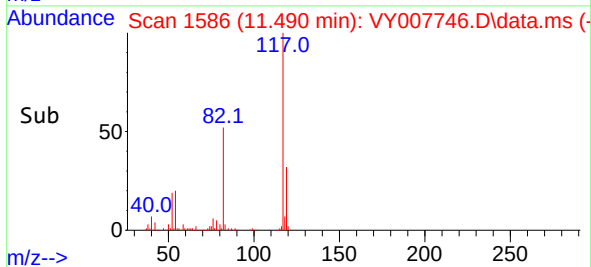
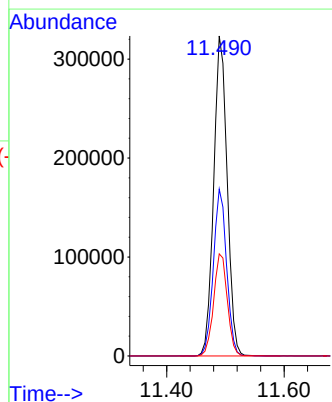
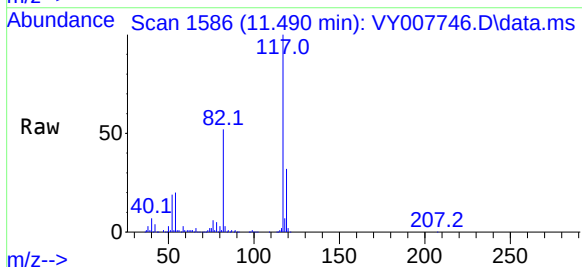


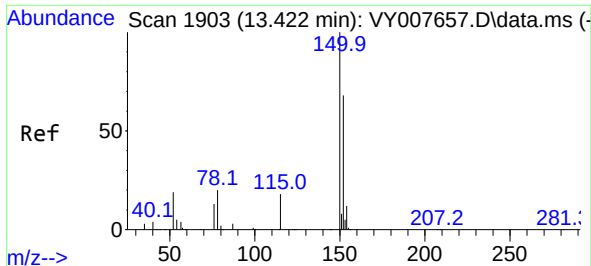
Tgt Ion: 95 Resp: 209824
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 96.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Tgt Ion: 117 Resp: 514732
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.9 25.4 38.0

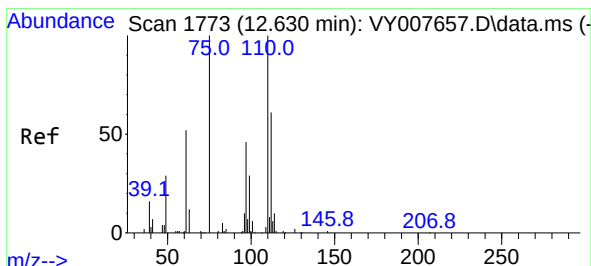
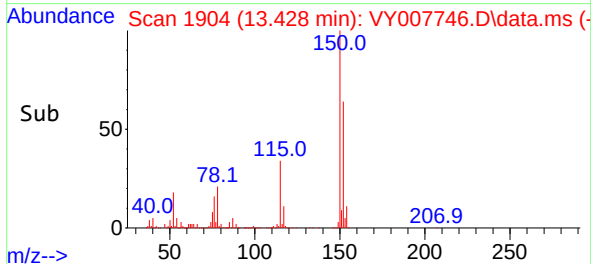
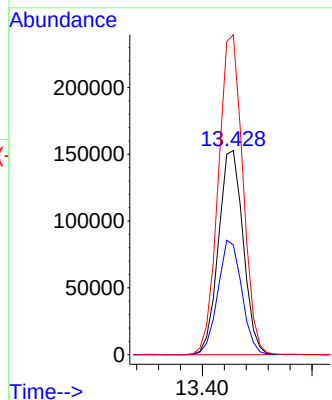
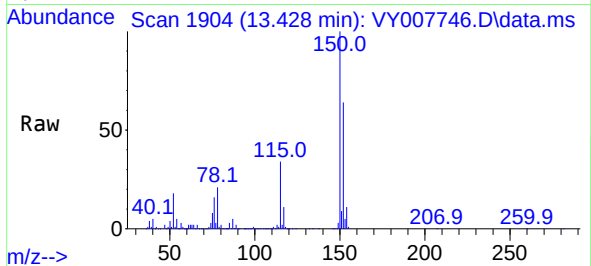




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007746.D
 Acq: 04 Mar 2022 16:53

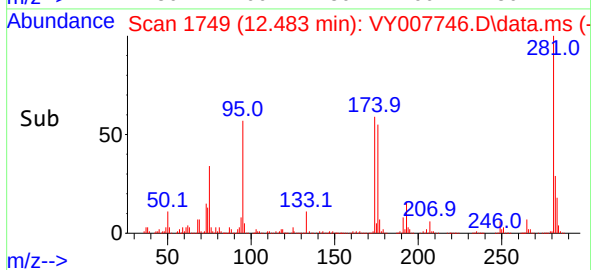
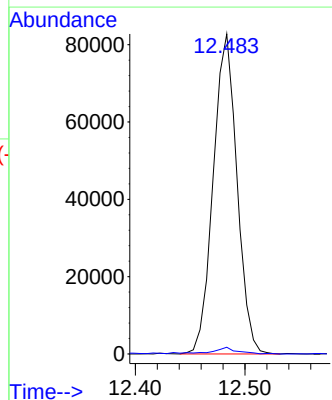
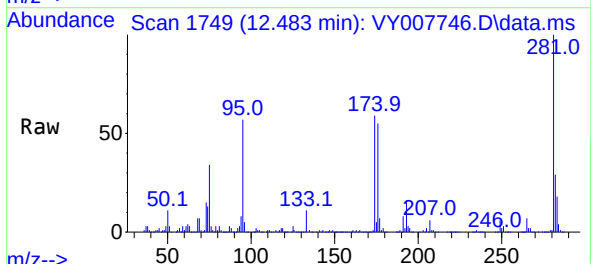
Instrument :
 MSVOA_Y
 ClientSampleId :

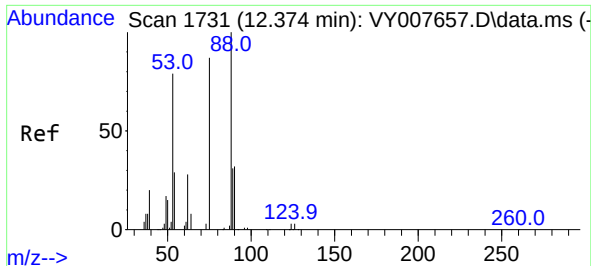
Tgt Ion:152 Resp: 239024
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.727 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007746.D
 Acq: 04 Mar 2022 16:53

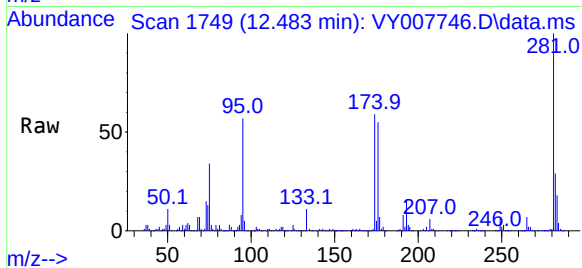
Tgt Ion: 75 Resp: 124729
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#



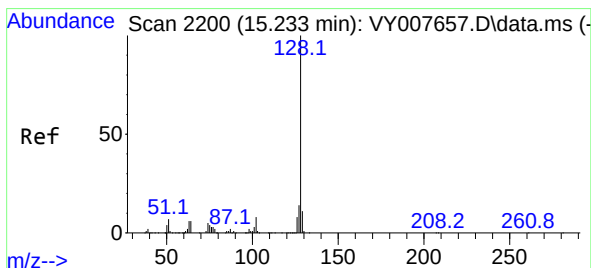
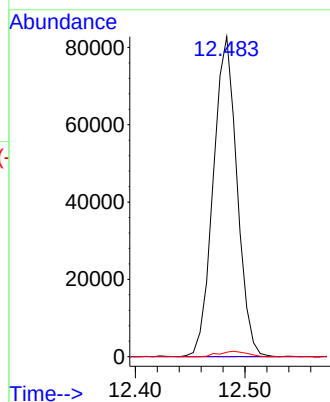
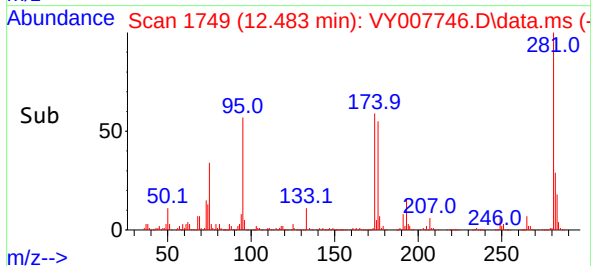


#81
trans-1,4-Dichloro-2-butene
Concen: 95.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 124729
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.0 37.0 55.4#



#95
Naphthalene
Concen: 5.966 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007746.D
Acq: 04 Mar 2022 16:53

Tgt Ion:128 Resp: 58230
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.7 8.4 12.6

