

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007765.D
 Acq On : 07 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1793-15
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:04:17 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

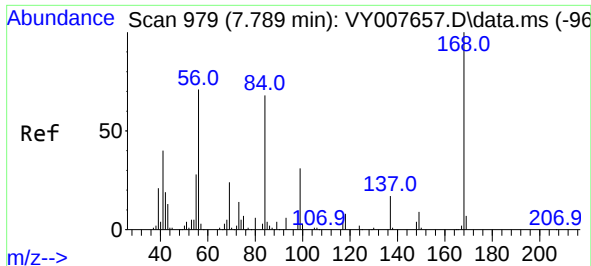
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	260441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168911	61.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.900%	
35) Dibromofluoromethane	7.716	113	144604	51.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	536457	52.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.483	95	172694	51.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45	Below Cal	#	43
3) Chloromethane	2.113	50	7721	Below Cal	#	80
13) Acrolein	3.717	56	101	Below Cal	#	14
16) Acetone	3.936	43	2066	3.725	ug/l #	69
17) Carbon Disulfide	4.180	76	68	Below Cal	#	75
18) Methyl Acetate	4.479	43	1409	Below Cal	#	87
20) Methylene Chloride	4.710	84	25622	5.777	ug/l #	78
29) Tetrahydrofuran	7.362	42	850	1.335	ug/l #	63
31) Cyclohexane	7.789	56	6132	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	21490	4.876	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26506	5.637	ug/l #	14
49) 1,4-Dioxane	9.033	88	70	3.045	ug/l #	38
76) 1,2,3-Trichloropropane	12.477	75	113317	57.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	113317	118.395	ug/l #	9

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

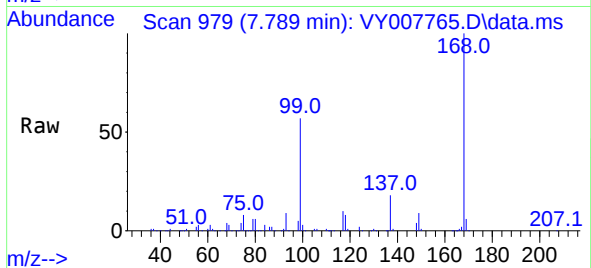
Quant Time: Mar 08 03:04:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration



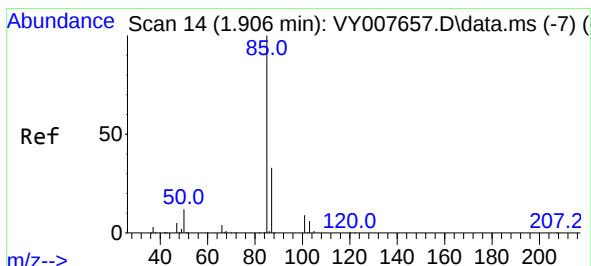
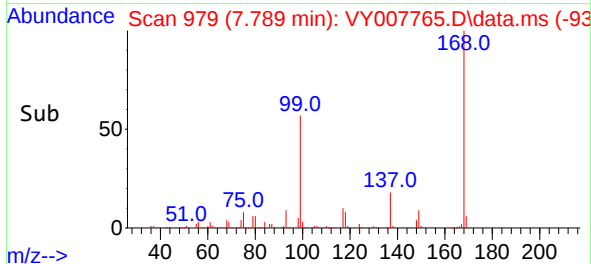
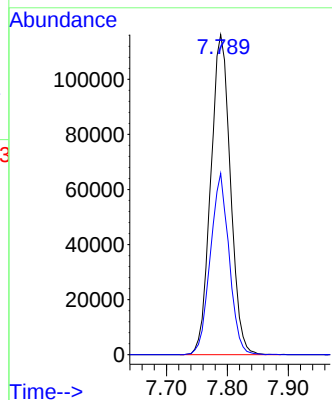


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

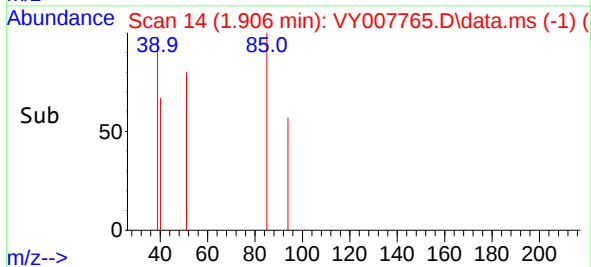
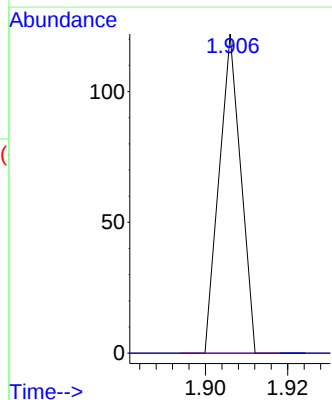
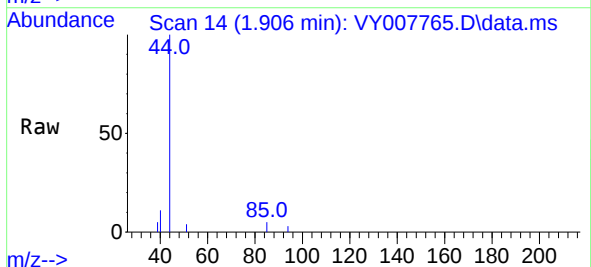


Tgt Ion:168 Resp: 260441
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3

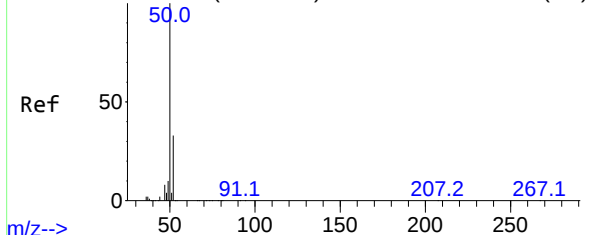


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 85 Resp: 45
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



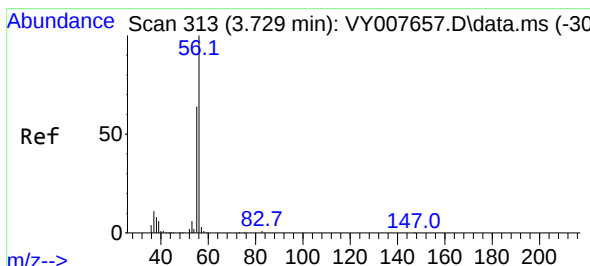
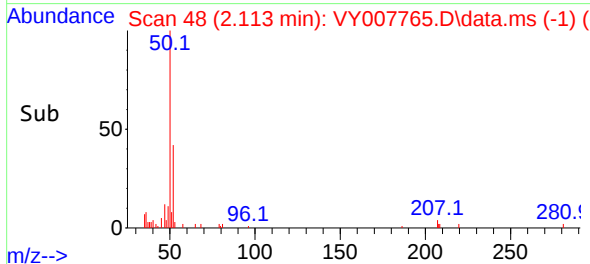
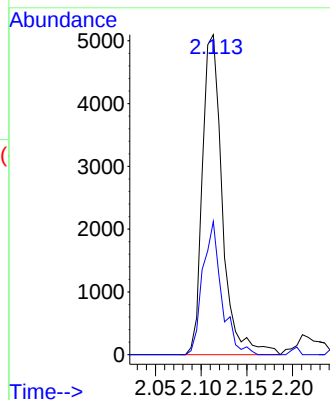
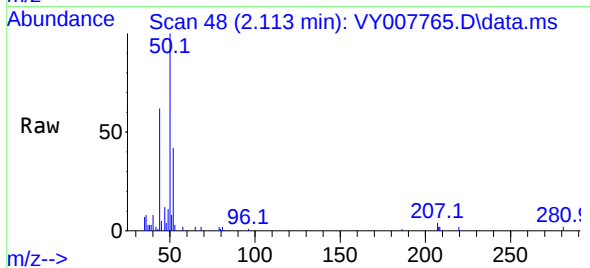
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

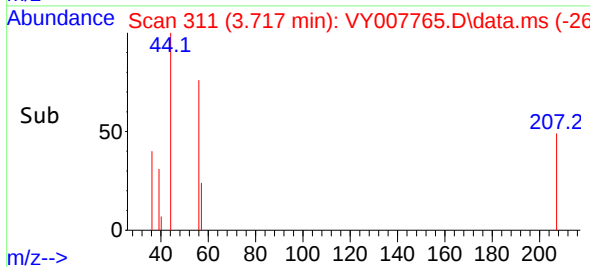
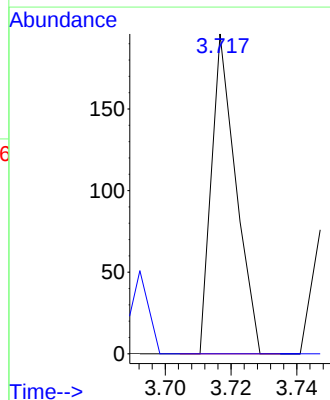
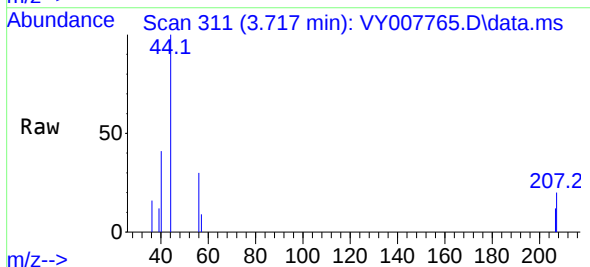
Instrument :
MSVOA_Y
ClientSampleId :

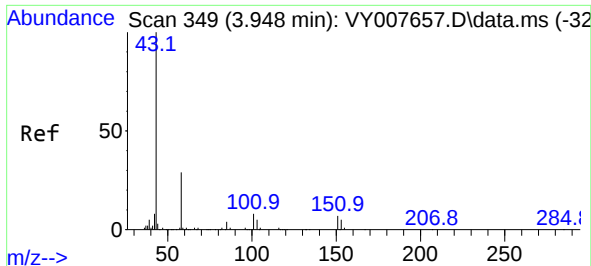
Tgt Ion: 50 Resp: 7721
Ion Ratio Lower Upper
50 100
52 41.6 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

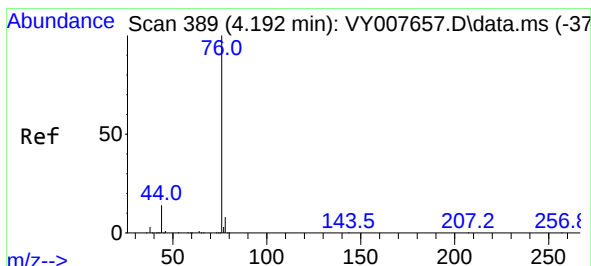
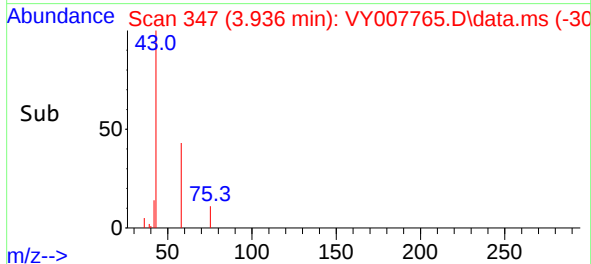
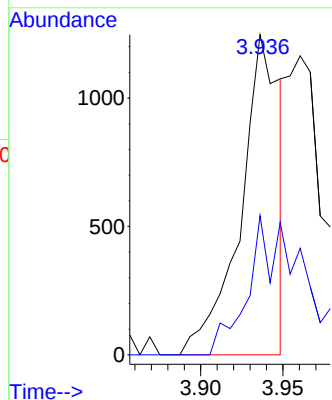
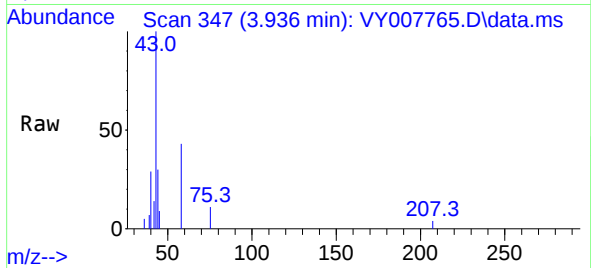




#16
Acetone
Concen: 3.725 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

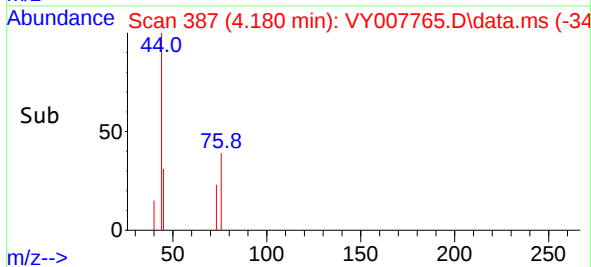
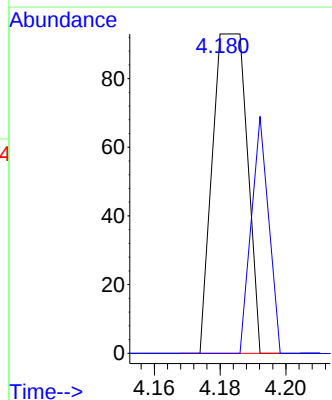
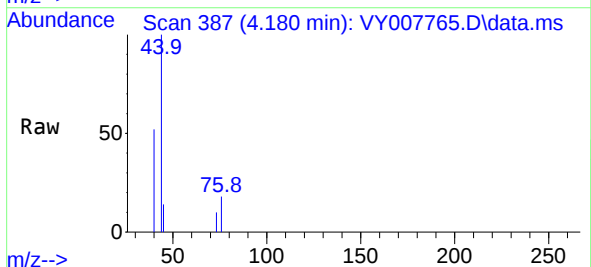
Instrument :
MSVOA_Y
ClientSampleId :

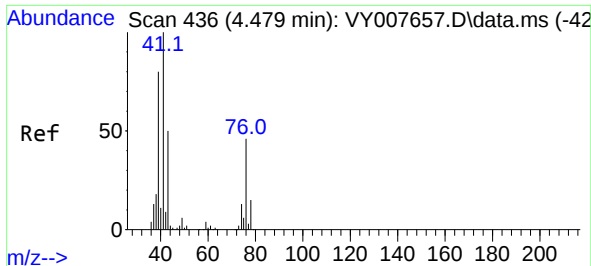
Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 43.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.012 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

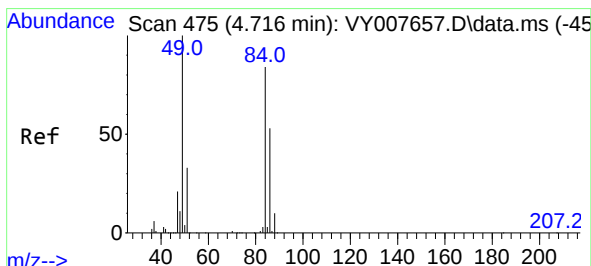
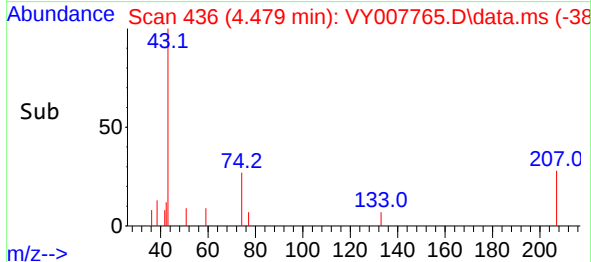
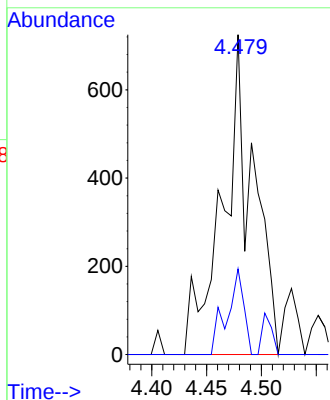
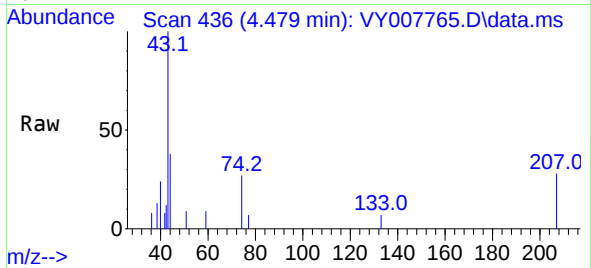




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

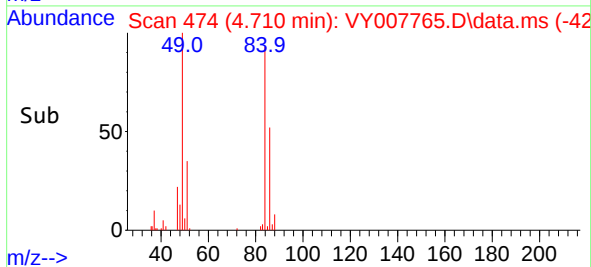
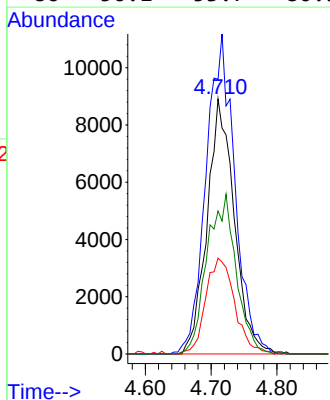
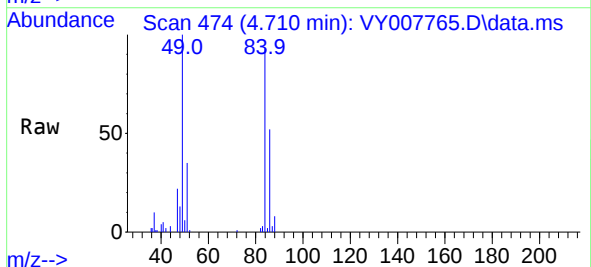
Instrument :
MSVOA_Y
ClientSampleId :

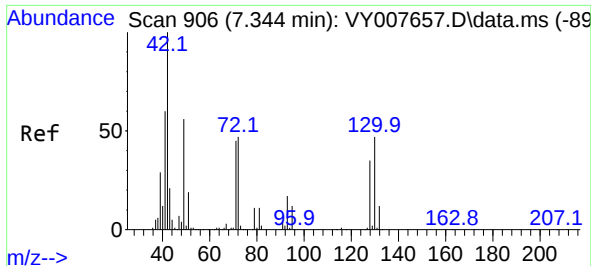
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
74 14.7 16.6 24.8#



#20
Methylene Chloride
Concen: 5.777 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

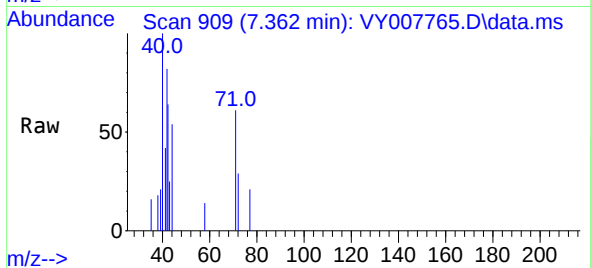
Tgt Ion: 84 Resp: 25622
Ion Ratio Lower Upper
84 100
49 107.0 114.4 171.6#
51 37.6 35.3 52.9
86 56.1 53.7 80.5



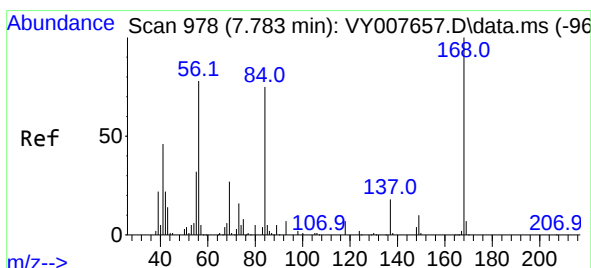
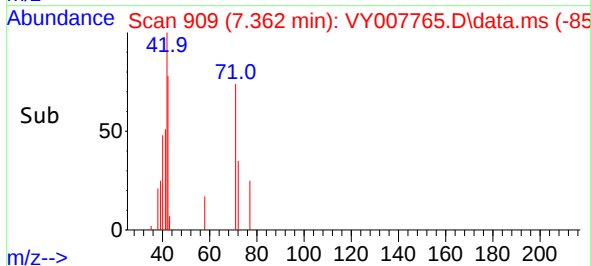
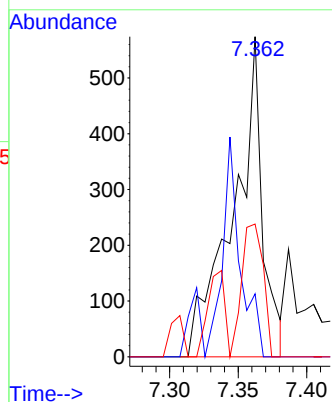


#29
Tetrahydrofuran
Concen: 1.335 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

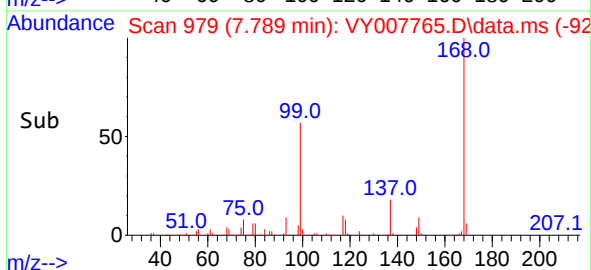
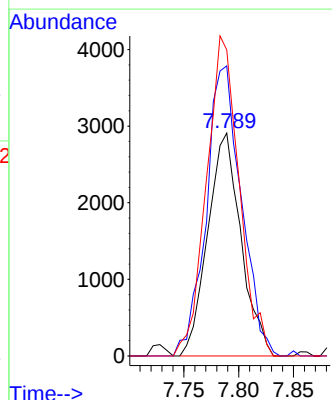
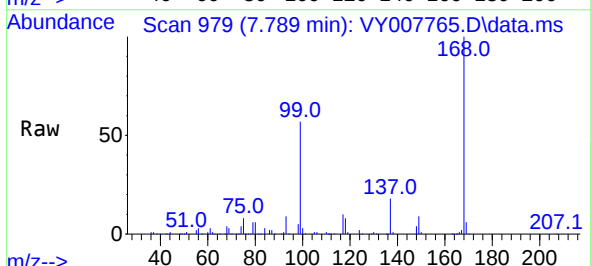


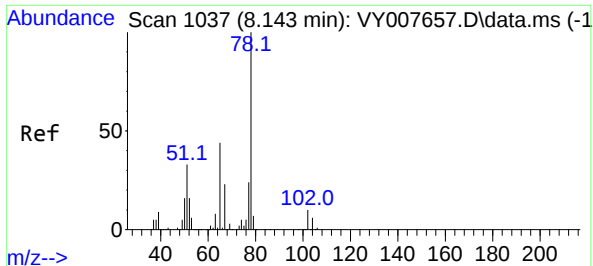
Tgt Ion: 42 Resp: 850
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 30.7 29.0 43.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 56 Resp: 6132
Ion Ratio Lower Upper
56 100
69 130.2 26.7 40.1#
84 137.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.950 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007765.D

Acq: 07 Mar 2022 18:41

Instrument :

MSVOA_Y

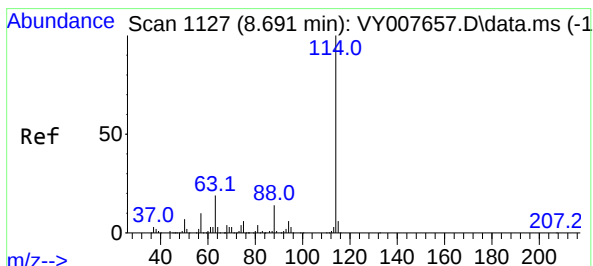
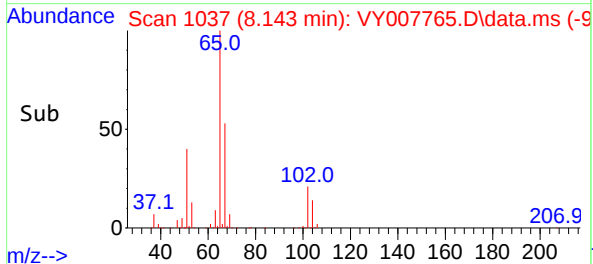
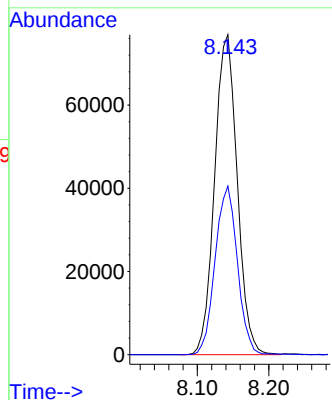
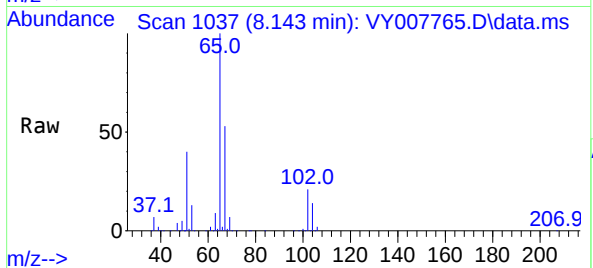
ClientSampleId :

Tgt Ion: 65 Resp: 168911

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007765.D

Acq: 07 Mar 2022 18:41

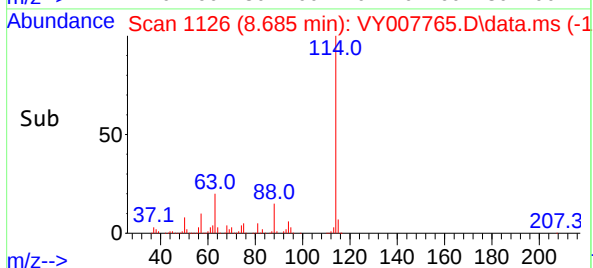
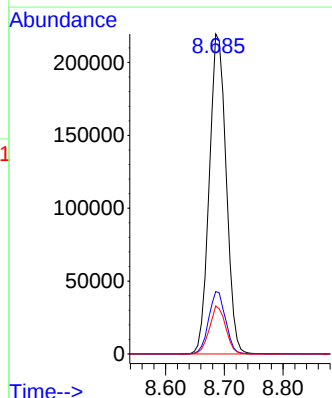
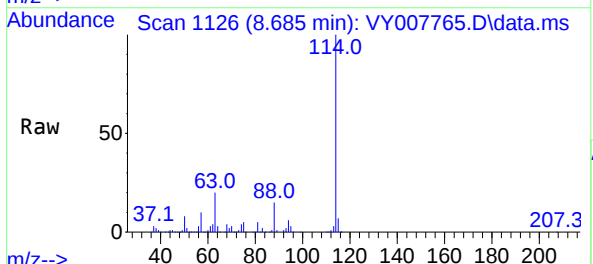
Tgt Ion: 114 Resp: 438256

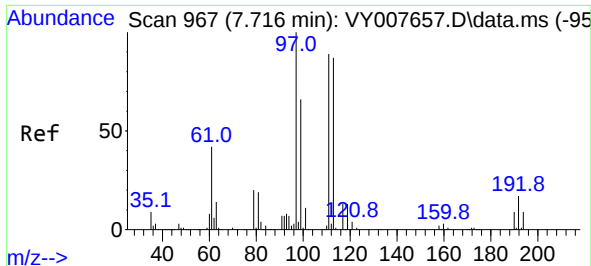
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

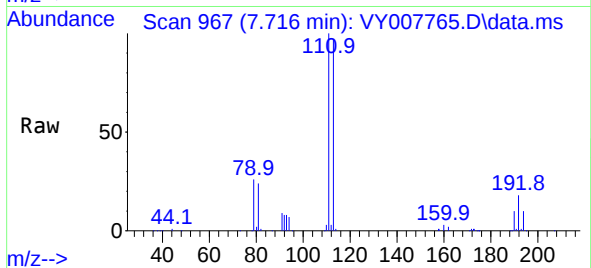
88 15.0 0.0 31.8



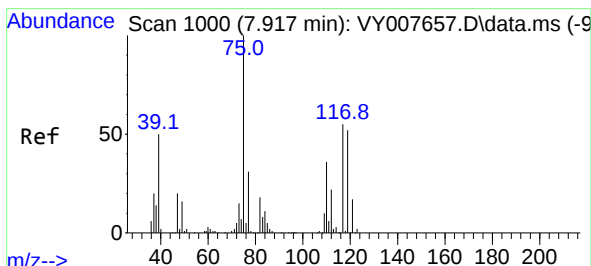
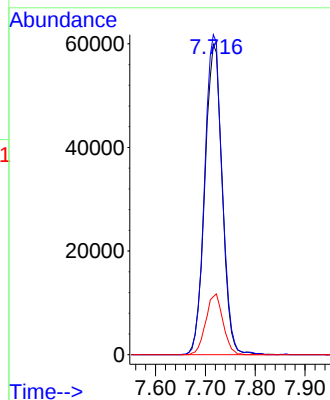
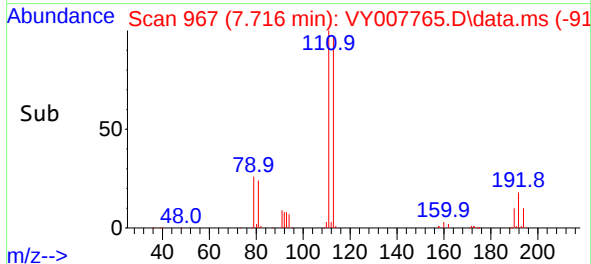


#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

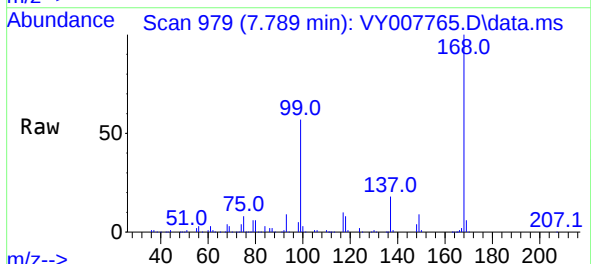
Instrument :
MSVOA_Y
ClientSampleId :



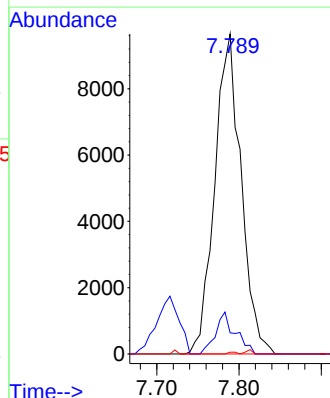
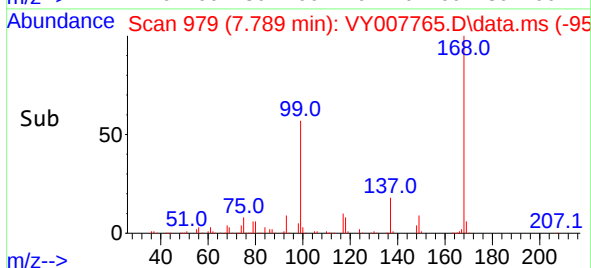
Tgt Ion:113 Resp: 144604
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.4 17.6 26.4

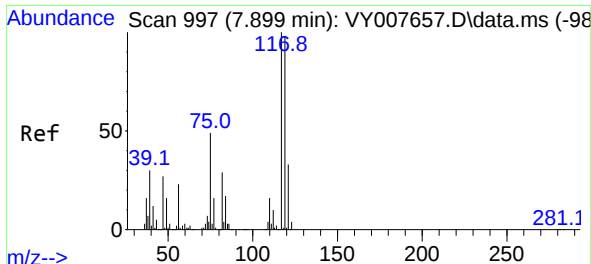


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41



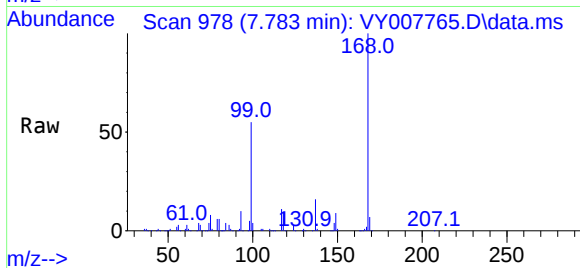
Tgt Ion: 75 Resp: 21490
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



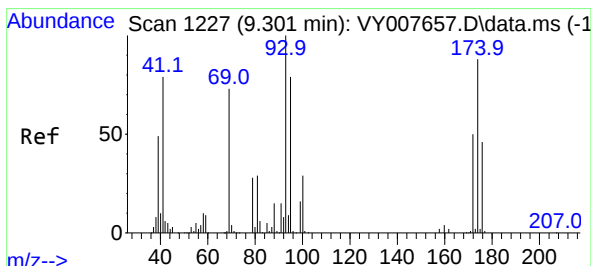
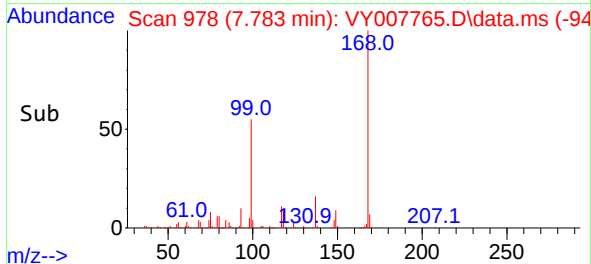
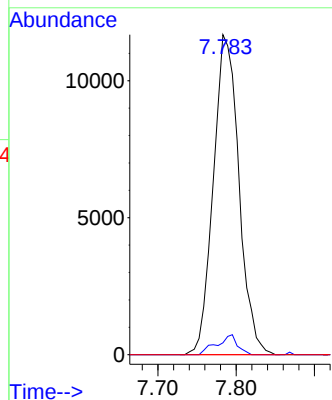


#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

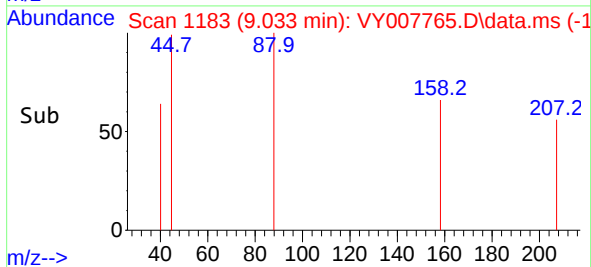
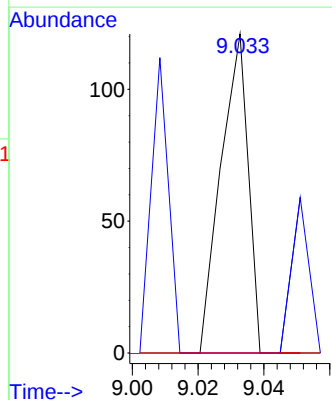
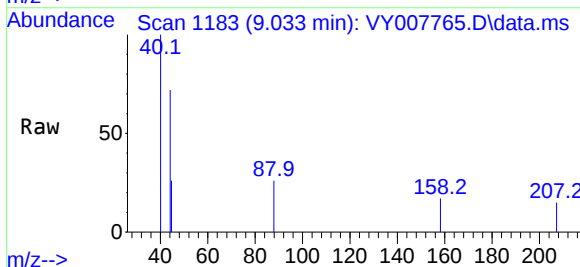


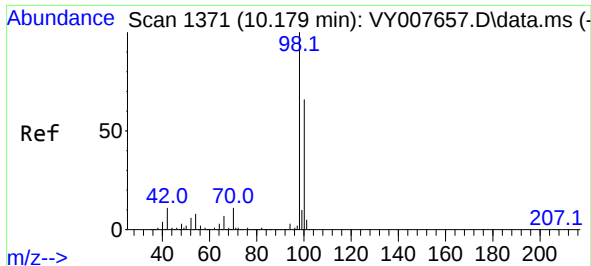
Tgt Ion:117 Resp: 26506
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 3.045 ug/l
RT: 9.033 min Scan# 1183
Delta R.T. -0.268 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 31.4 32.8 49.2#
58 0.0 59.8 89.6#

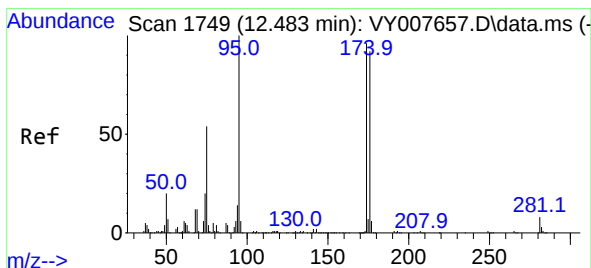
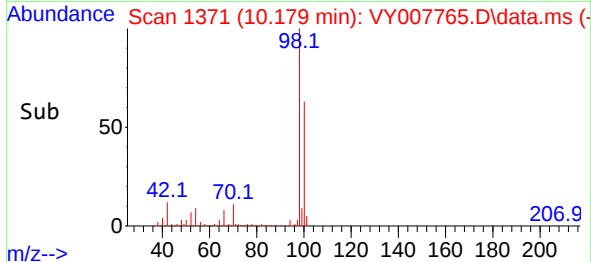
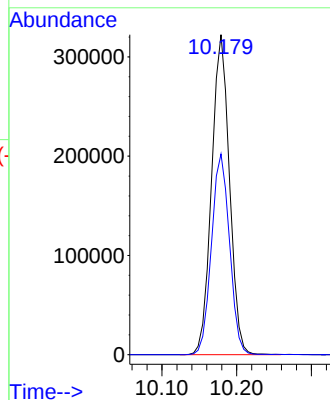
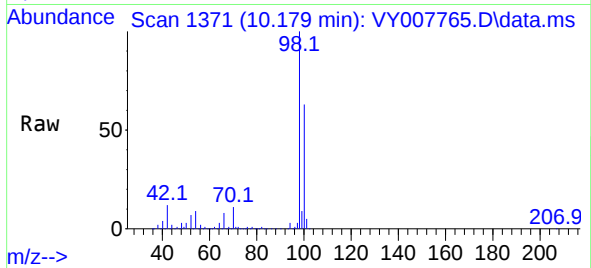




#50
Toluene-d8
Concen: 52.013 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

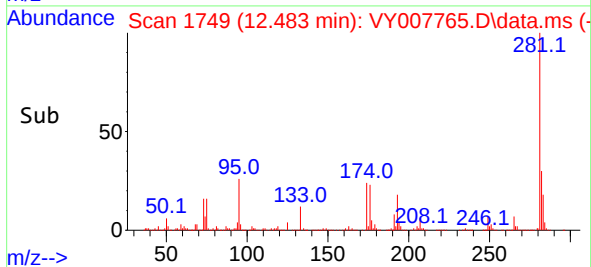
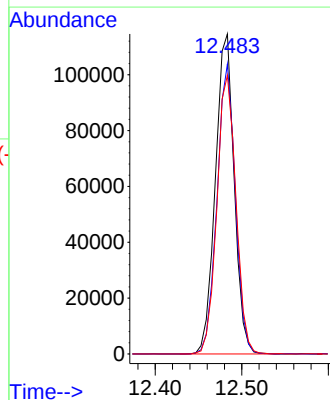
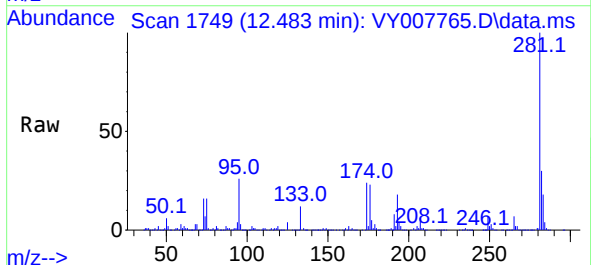
Instrument :
MSVOA_Y
ClientSampleId :

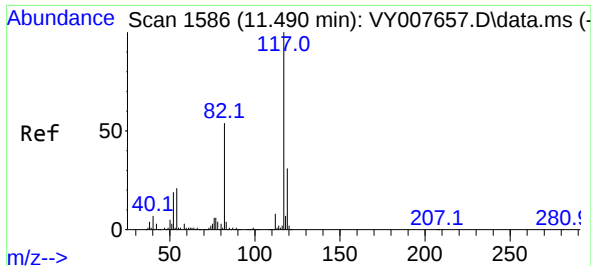
Tgt Ion: 98 Resp: 536457
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 95 Resp: 172694
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 88.0 0.0 175.8

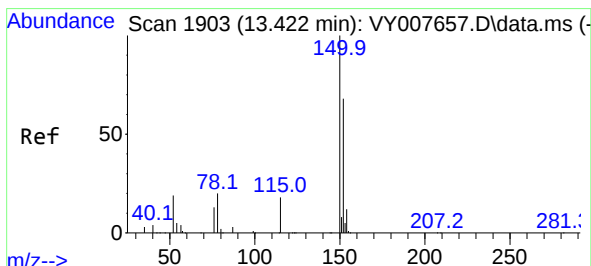
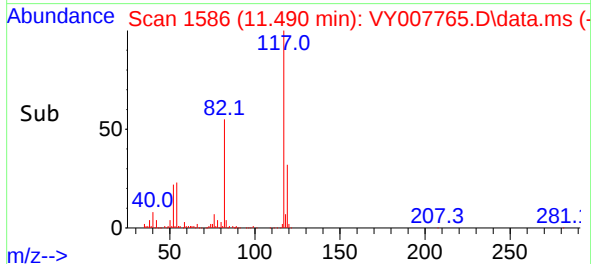
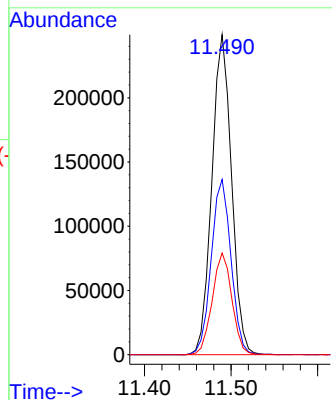
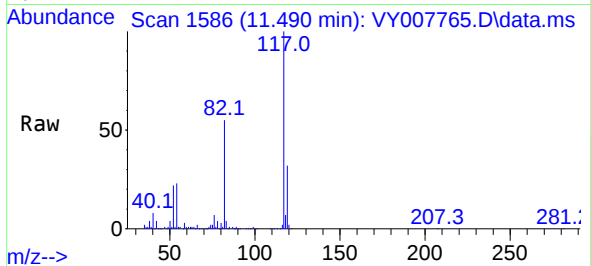




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

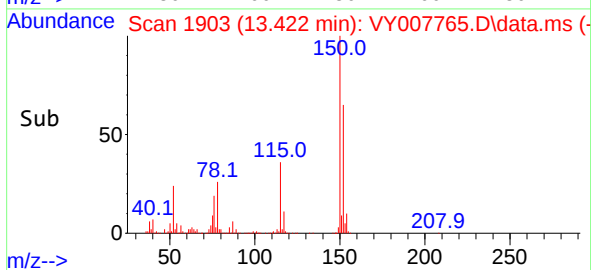
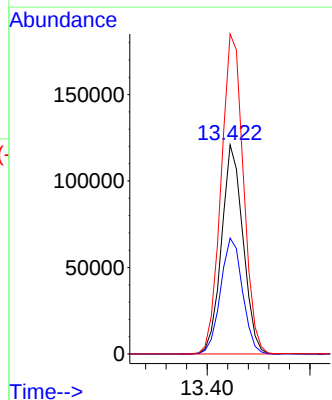
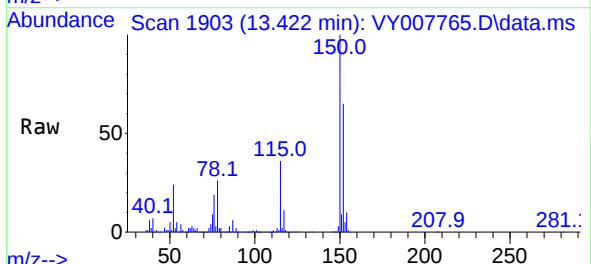
Instrument :
MSVOA_Y
ClientSampleId :

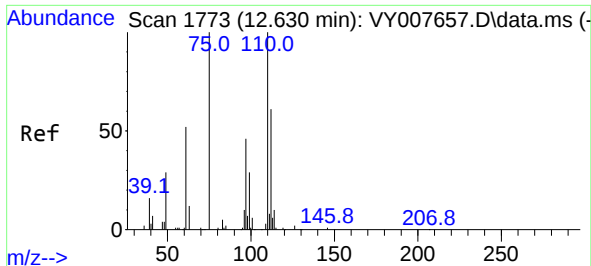
Tgt Ion:117 Resp: 392895
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion:152 Resp: 175210
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.7 0.0 347.6

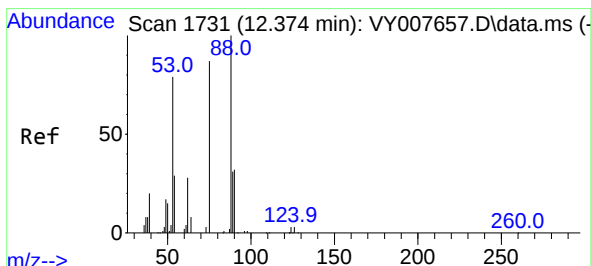
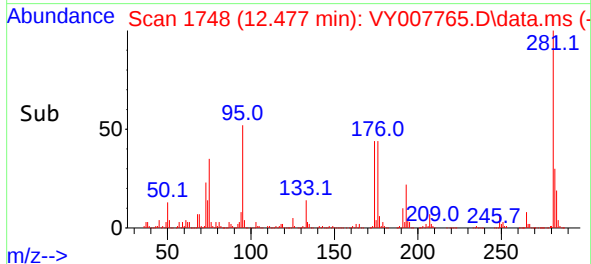
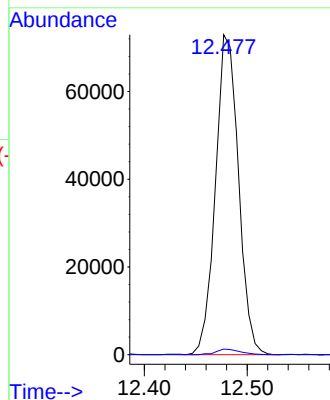
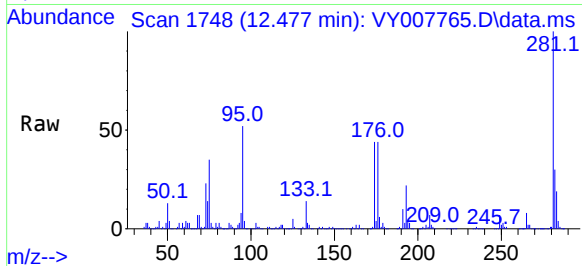




#76
1,2,3-Trichloropropane
Concen: 57.913 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113317
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 75 Resp: 113317
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 3.7 37.0 55.4#

