

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007764.D
 Acq On : 07 Mar 2022 18:18
 Operator : SY/MD
 Sample : N1793-08
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:04:04 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)

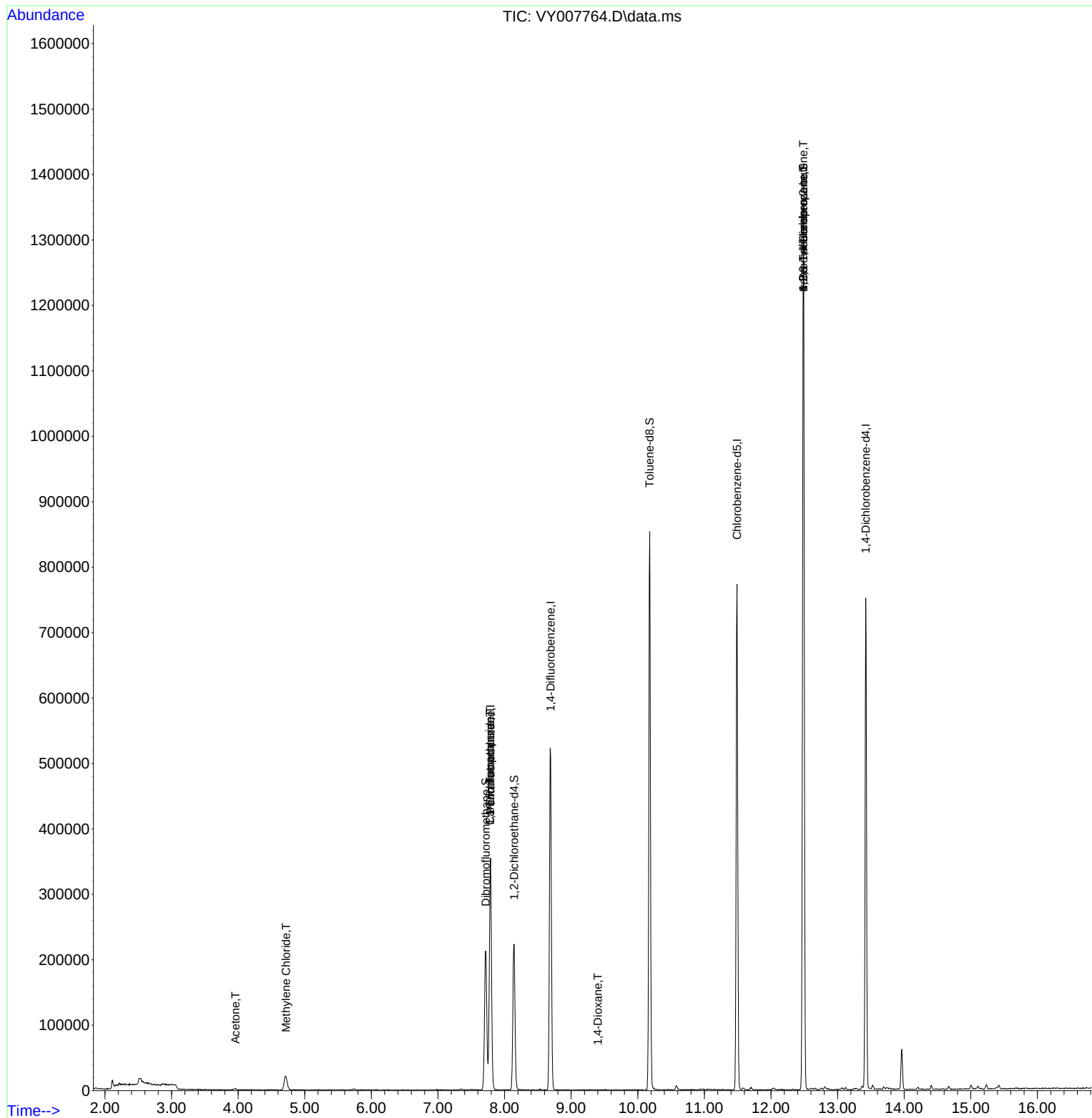
Internal Standards						
1) Pentafluorobenzene	7.789	168	266379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	445310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	398585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	169215	60.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.360%	
35) Dibromofluoromethane	7.716	113	148255	52.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.140%	
50) Toluene-d8	10.179	98	541967	51.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.483	95	171710	50.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	44	Below Cal	#	43
3) Chloromethane	2.113	50	8385	Below Cal		98
13) Acrolein	3.729	56	138	Below Cal	#	30
16) Acetone	3.960	43	3451	6.083	ug/l #	88
17) Carbon Disulfide	4.186	76	240	Below Cal	#	75
18) Methyl Acetate	4.479	43	514	Below Cal	#	73
20) Methylene Chloride	4.716	84	16207	1.757	ug/l #	85
31) Cyclohexane	7.777	56	6287	Below Cal	#	35
36) 1,1-Dichloropropene	7.783	75	21281	4.752	ug/l #	52
38) Carbon Tetrachloride	7.783	117	26788	5.607	ug/l #	15
49) 1,4-Dioxane	9.399	88	28	1.199	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	102850	52.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102850	106.769	ug/l #	8

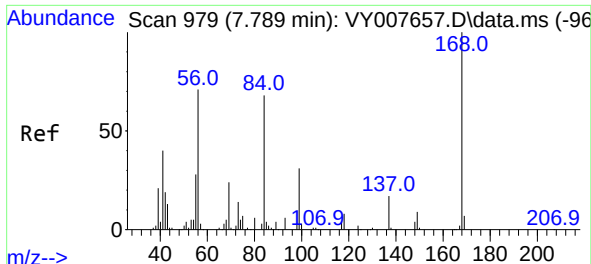
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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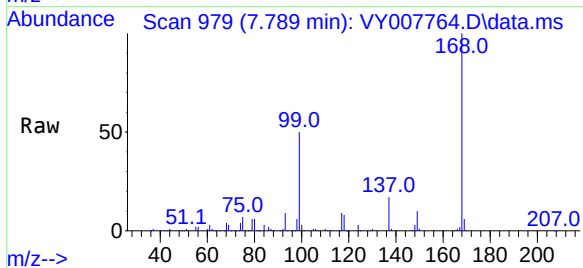
Quant Time: Mar 08 03:04:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
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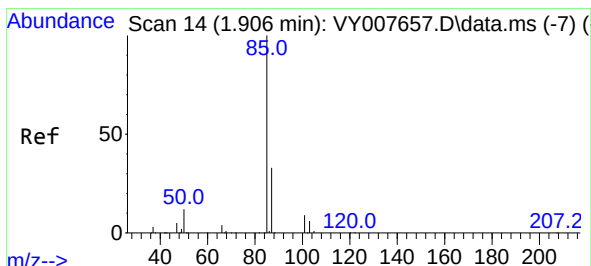
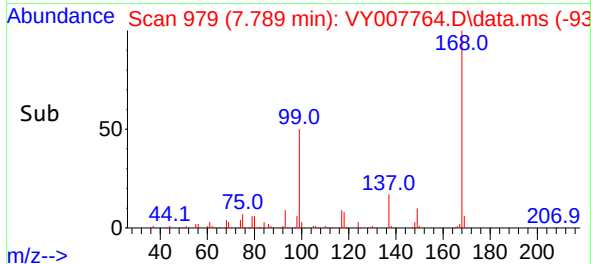
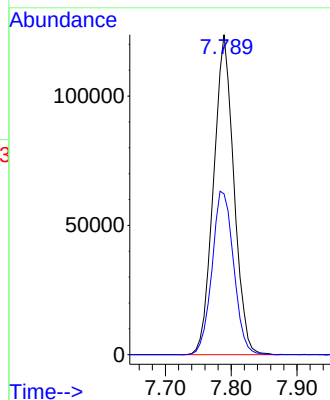


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

Instrument :
MSVOA_Y
ClientSampleId :

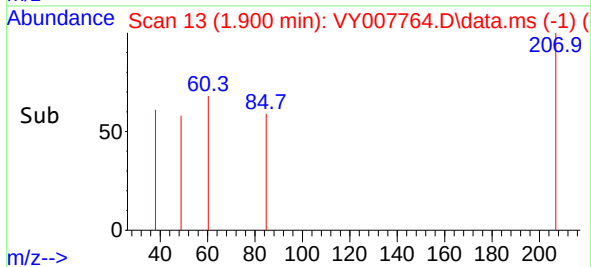
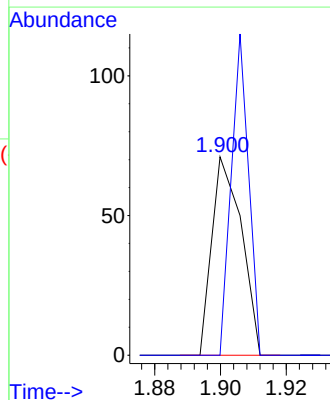
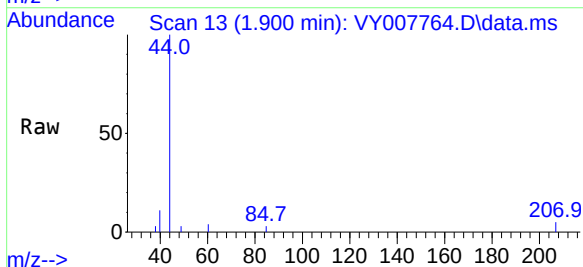


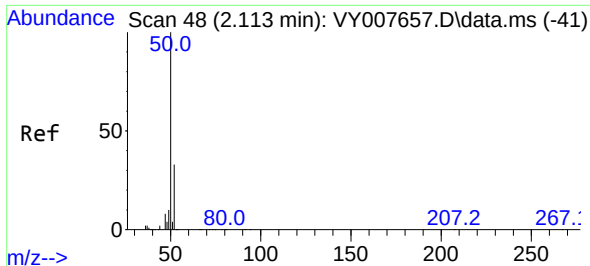
Tgt Ion:168 Resp: 266379
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

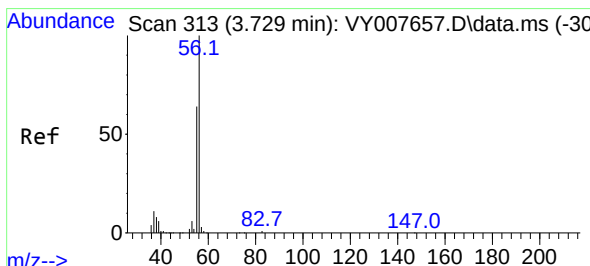
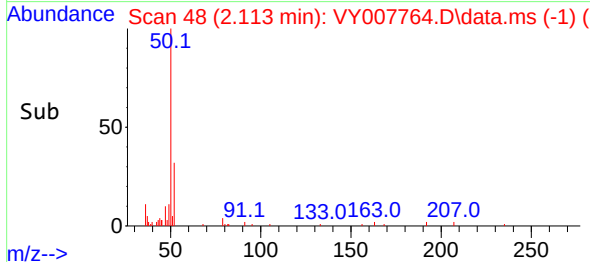
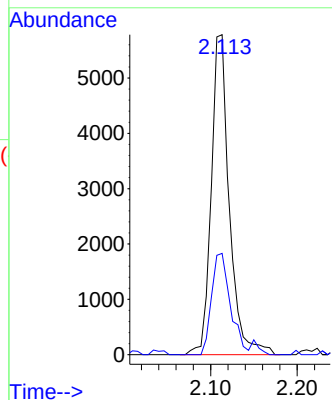
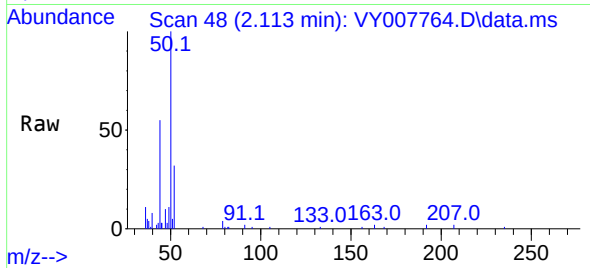




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

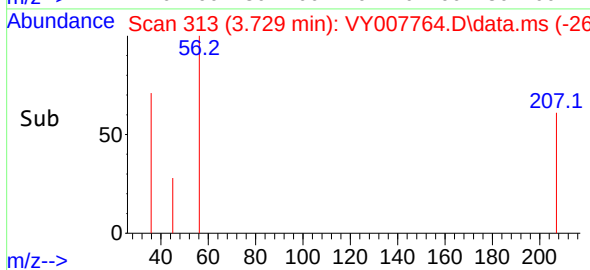
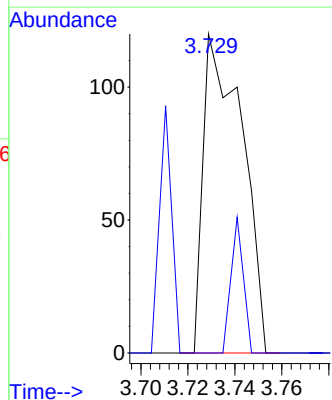
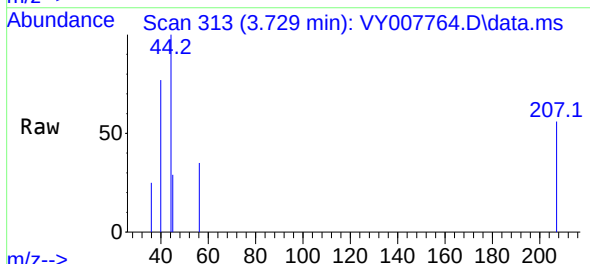
Instrument :
MSVOA_Y
ClientSampleId :

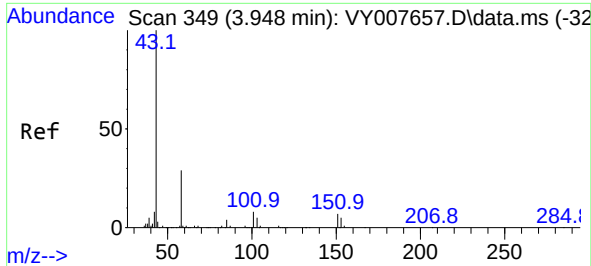
Tgt Ion: 50 Resp: 8385
Ion Ratio Lower Upper
50 100
52 31.7 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 13.8 57.6 86.4#





#16

Acetone

Concen: 6.083 ug/l

RT: 3.960 min Scan# 3451

Delta R.T. 0.012 min

Lab File: VY007764.D

Acq: 07 Mar 2022 18:18

Instrument :

MSVOA_Y

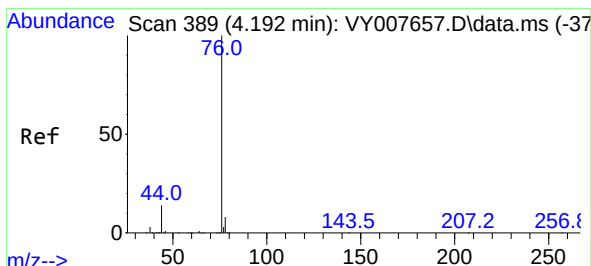
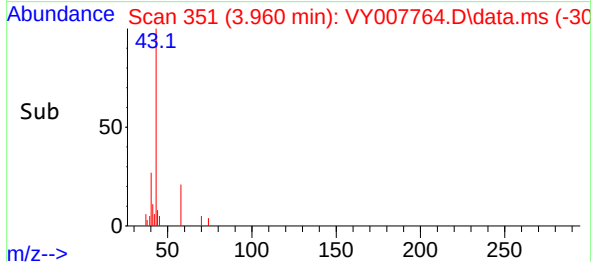
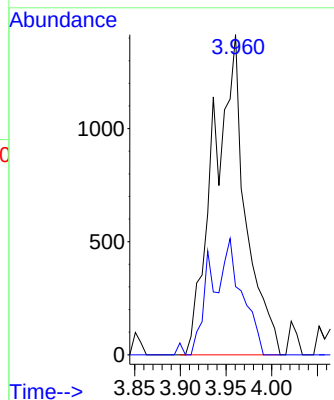
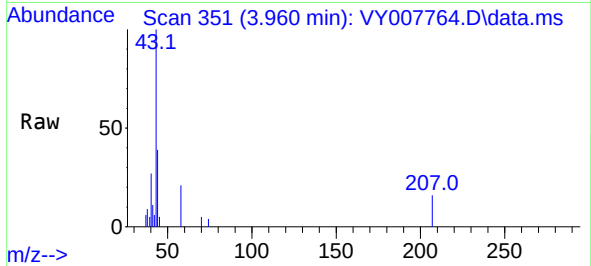
ClientSampleId :

Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

58 21.3 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY007764.D

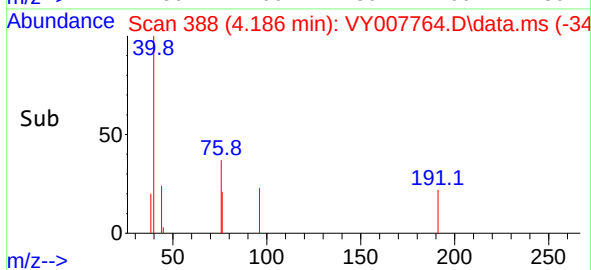
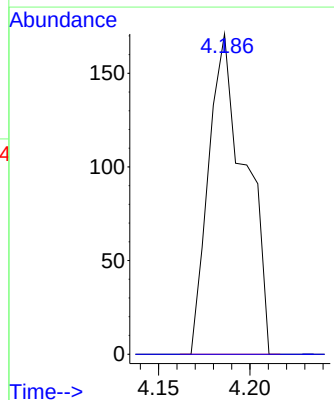
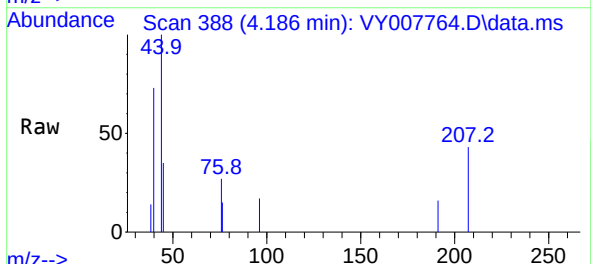
Acq: 07 Mar 2022 18:18

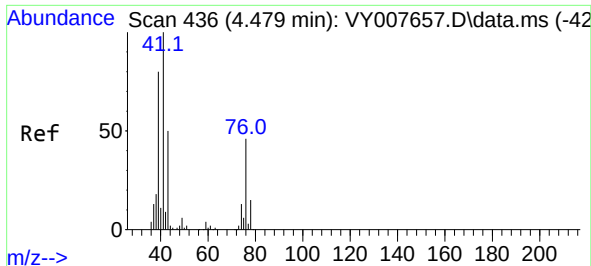
Tgt Ion: 76 Resp: 240

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

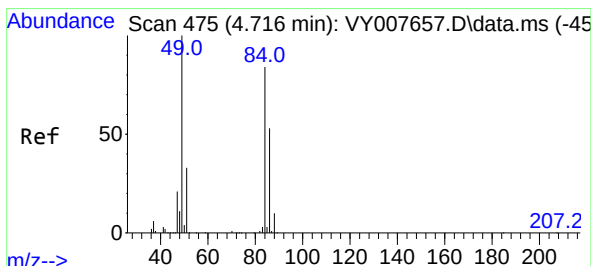
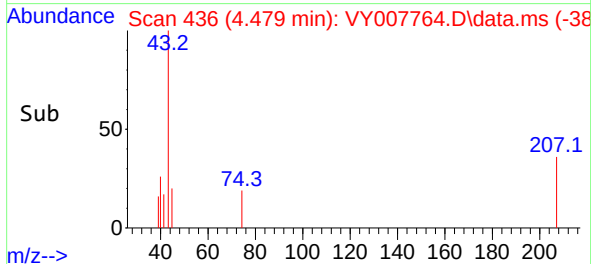
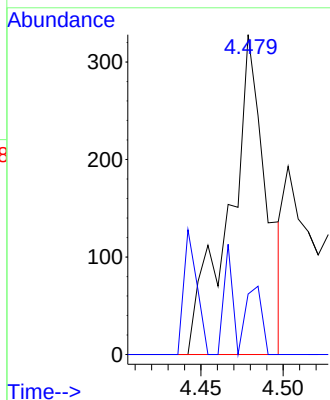
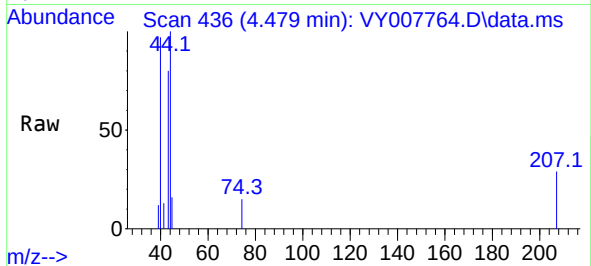




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

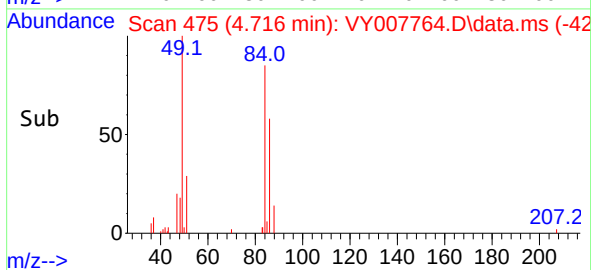
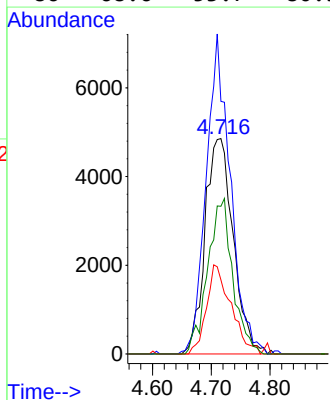
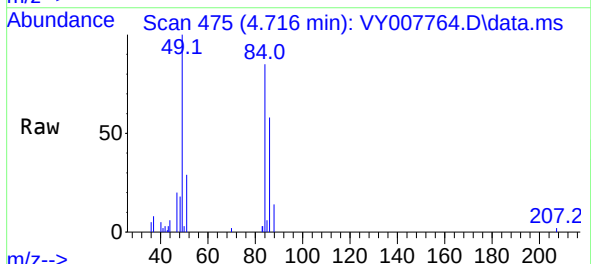
Instrument :
MSVOA_Y
ClientSampleId :

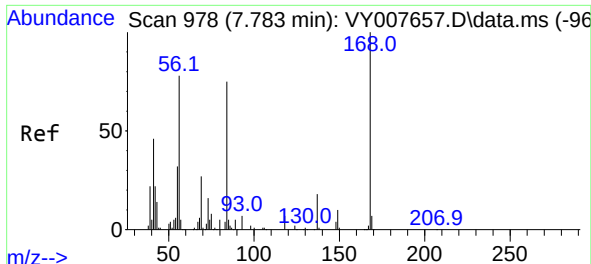
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
74 8.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.757 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

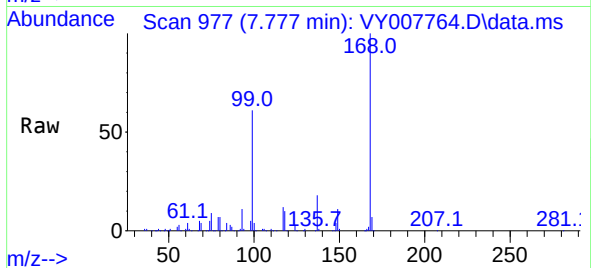
Tgt Ion: 84 Resp: 16207
Ion Ratio Lower Upper
84 100
49 117.3 114.4 171.6
51 34.4 35.3 52.9#
86 68.6 53.7 80.5



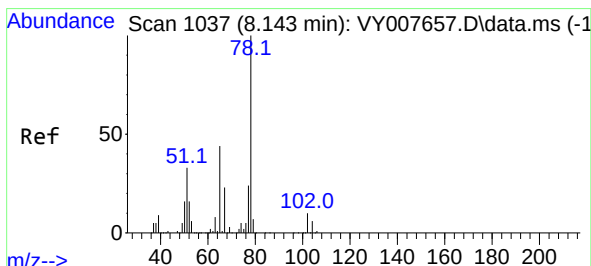
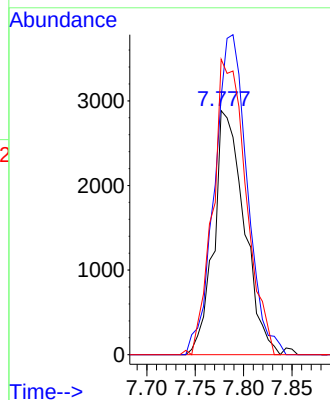
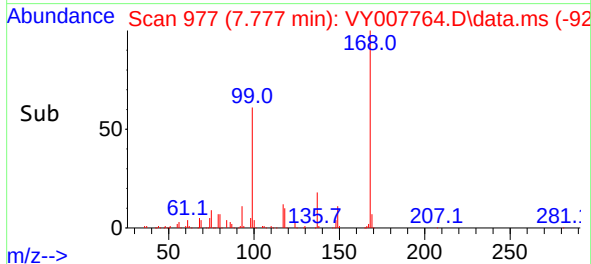


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

Instrument :
MSVOA_Y
ClientSampleId :

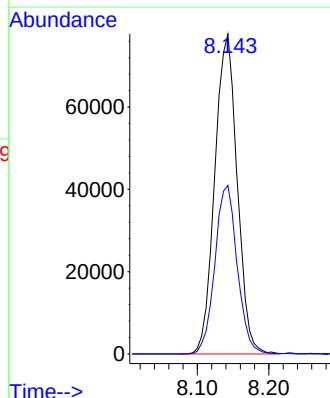
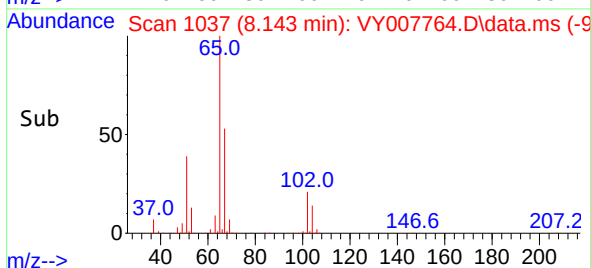
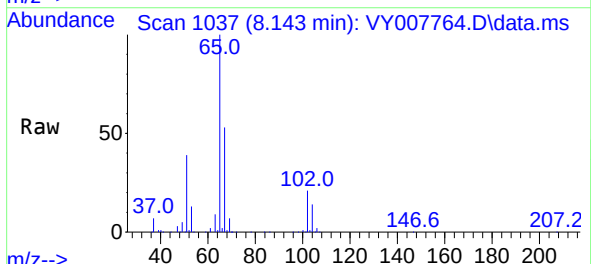


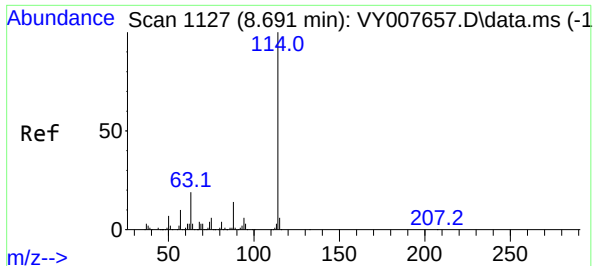
Tgt Ion: 56 Resp: 6287
Ion Ratio Lower Upper
56 100
69 105.6 26.7 40.1#
84 121.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.678 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

Tgt Ion: 65 Resp: 169215
Ion Ratio Lower Upper
65 100
67 52.6 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: VY007764.D

Acq: 07 Mar 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

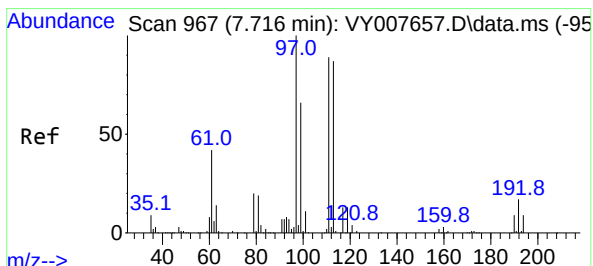
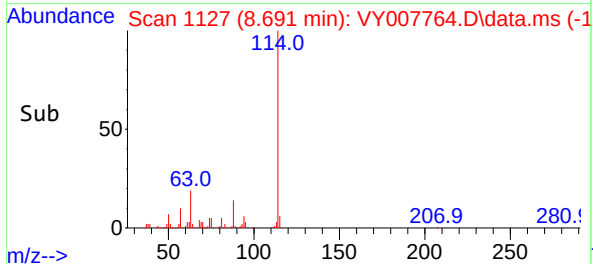
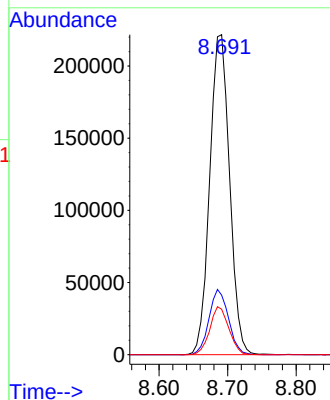
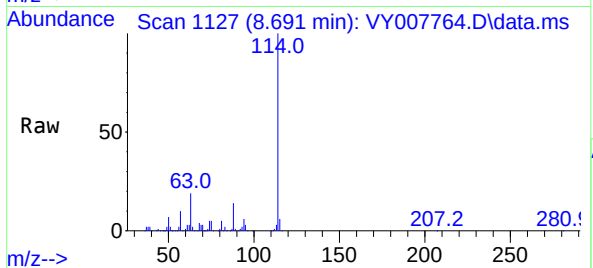
Tgt Ion:114 Resp: 445310

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.074 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007764.D

Acq: 07 Mar 2022 18:18

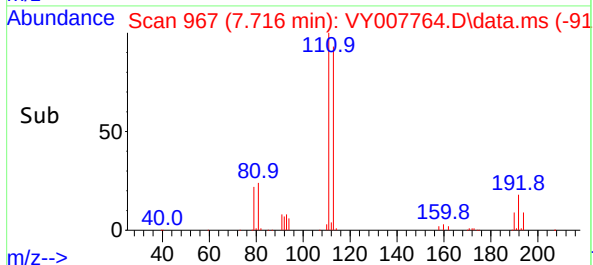
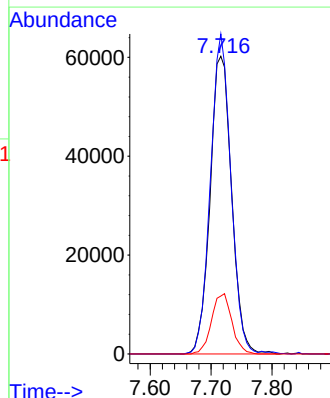
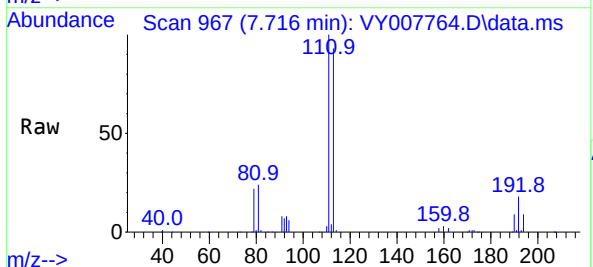
Tgt Ion:113 Resp: 148255

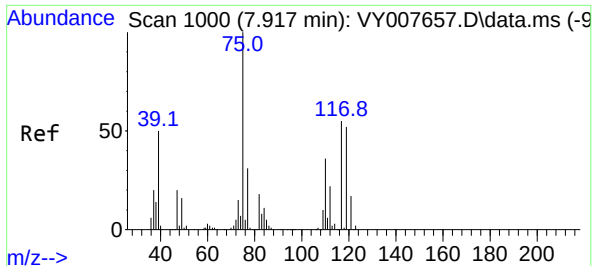
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007764.D

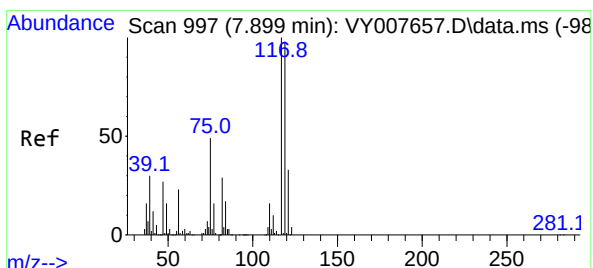
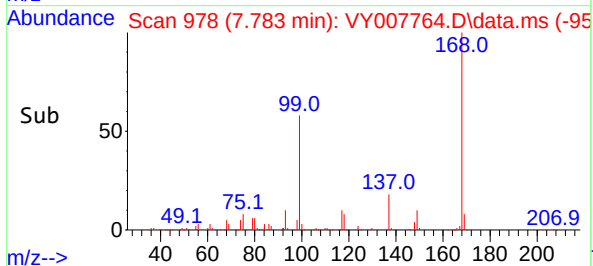
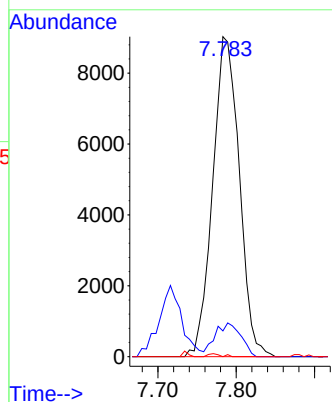
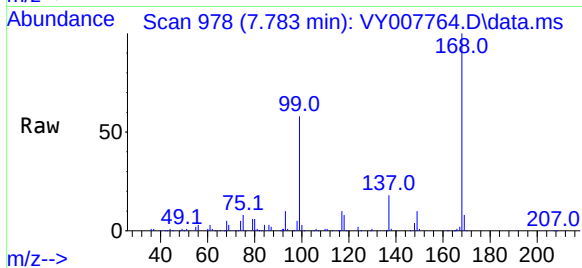
Acq: 07 Mar 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	21281
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.1	51.2#
77	0.3	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.607 ug/l

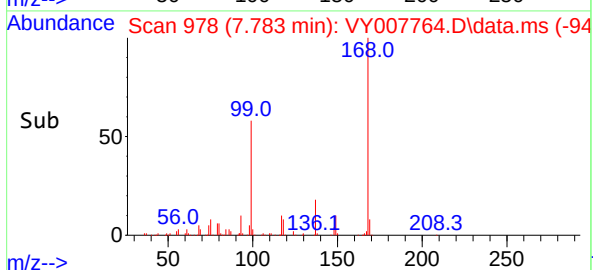
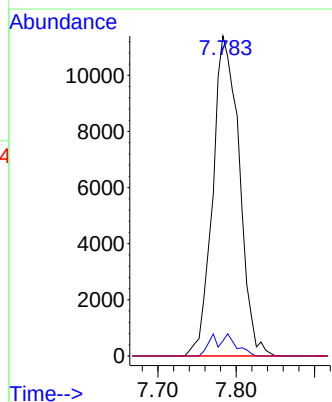
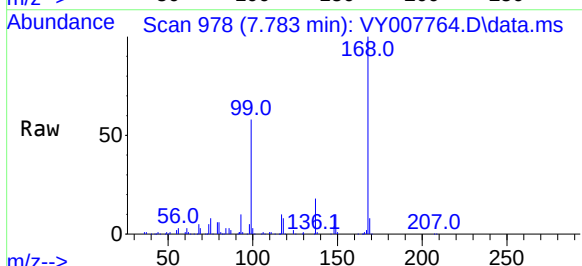
RT: 7.783 min Scan# 978

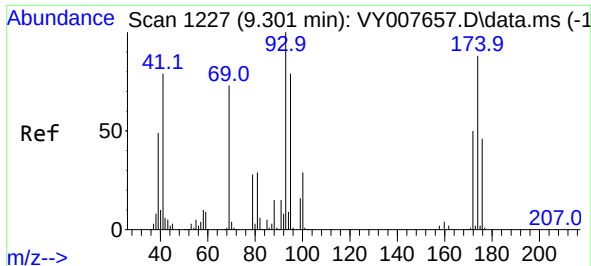
Delta R.T. -0.116 min

Lab File: VY007764.D

Acq: 07 Mar 2022 18:18

Tgt Ion:	117	Resp:	26788
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#





#49

1,4-Dioxane

Concen: 1.199 ug/l

RT: 9.399 min Scan# 1243

Delta R.T. 0.098 min

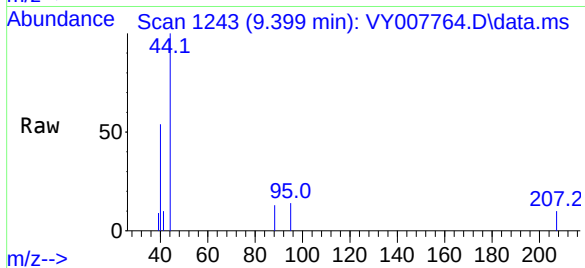
Lab File: VY007764.D

Acq: 07 Mar 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :



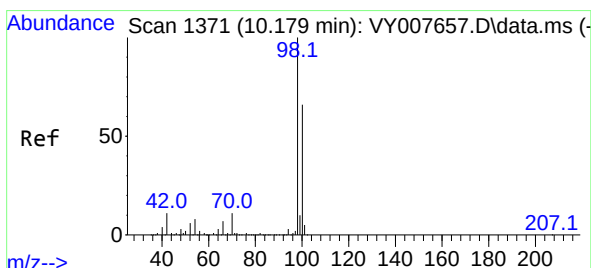
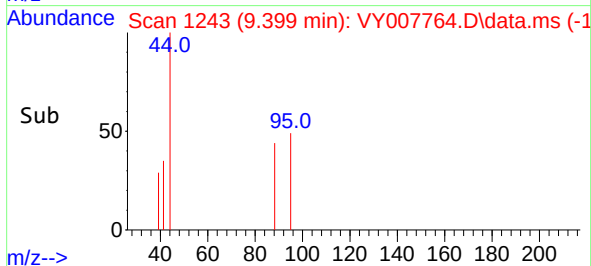
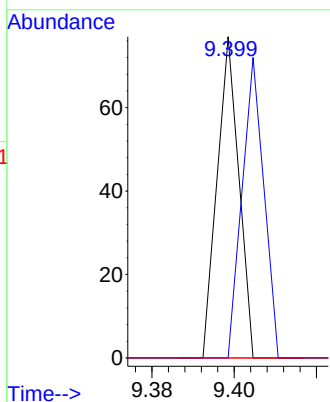
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 92.9 32.8 49.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 51.714 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007764.D

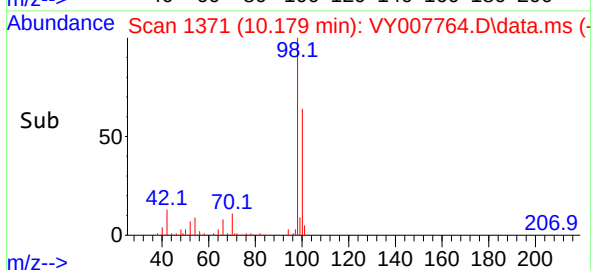
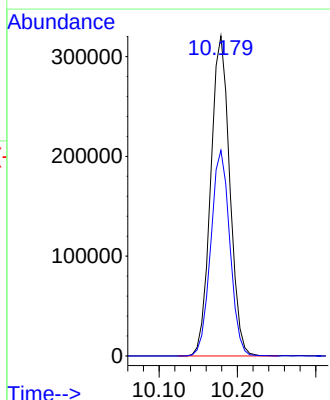
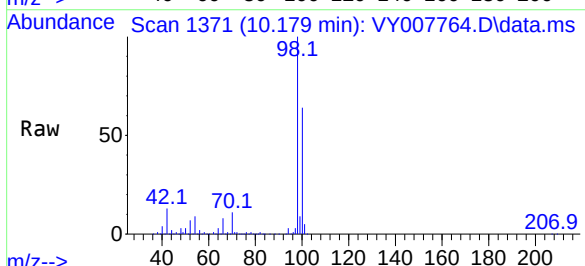
Acq: 07 Mar 2022 18:18

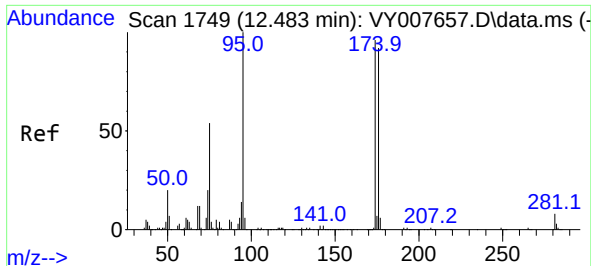
Tgt Ion: 98 Resp: 541967

Ion Ratio Lower Upper

98 100

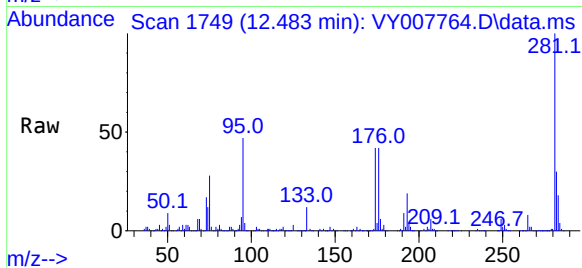
100 64.2 50.2 75.2



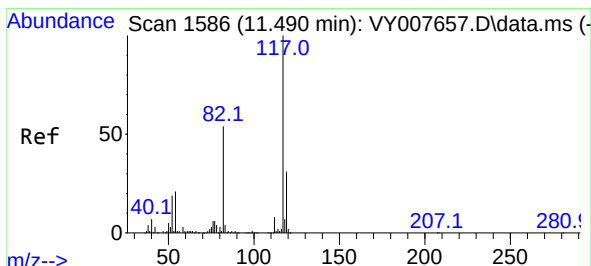
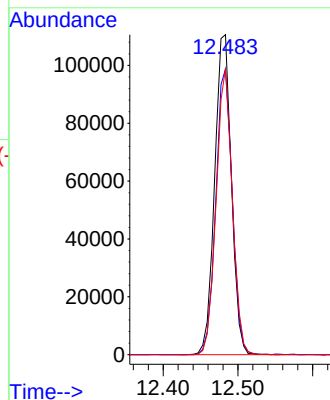
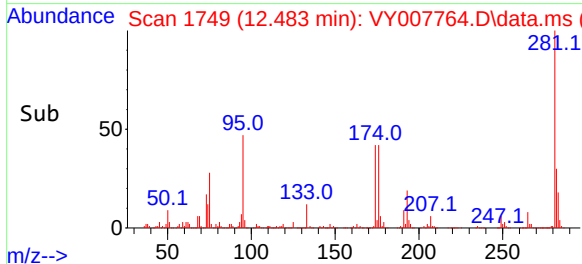


#62
4-Bromofluorobenzene
Concen: 50.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18

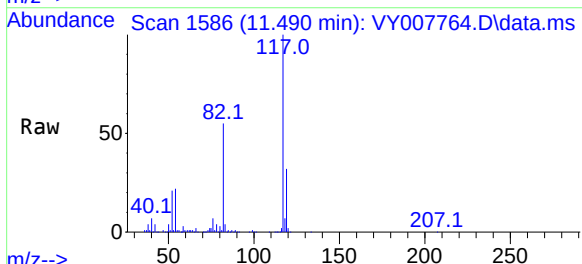
Instrument :
MSVOA_Y
ClientSampleId :



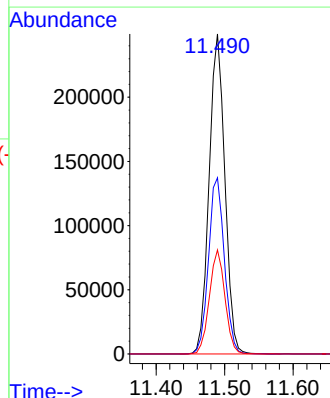
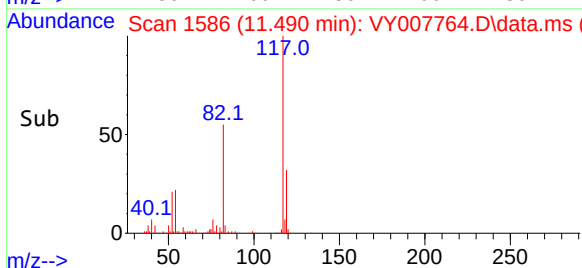
Tgt Ion: 95 Resp: 171710
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 86.1 0.0 175.8

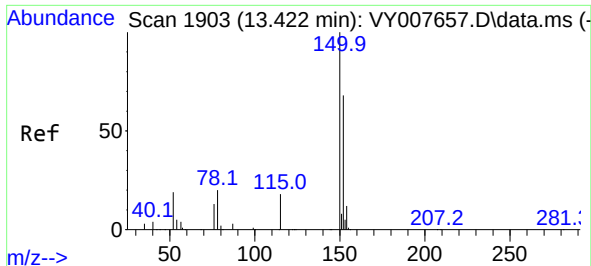


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007764.D
Acq: 07 Mar 2022 18:18



Tgt Ion: 117 Resp: 398585
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.5 25.4 38.0



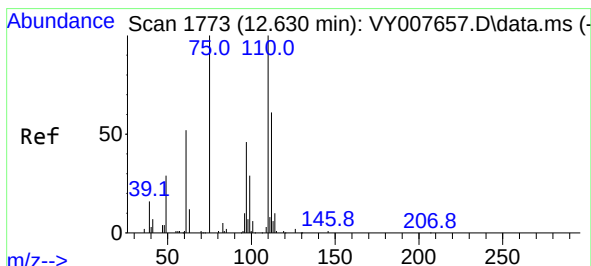
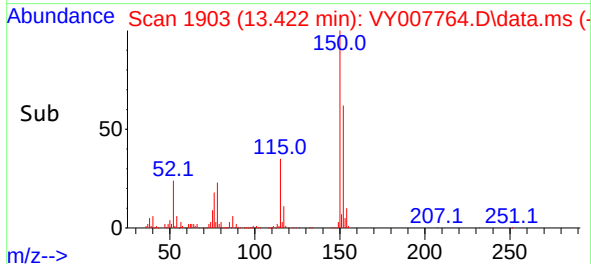
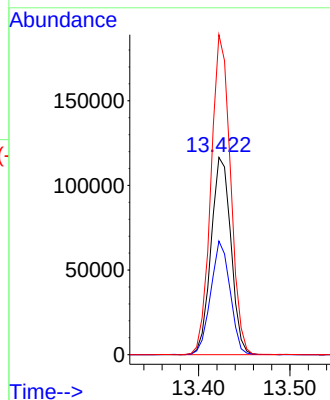
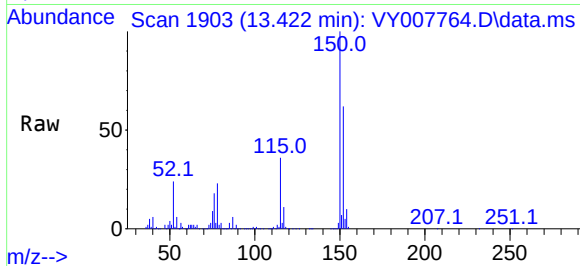


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007764.D
 Acq: 07 Mar 2022 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 176343

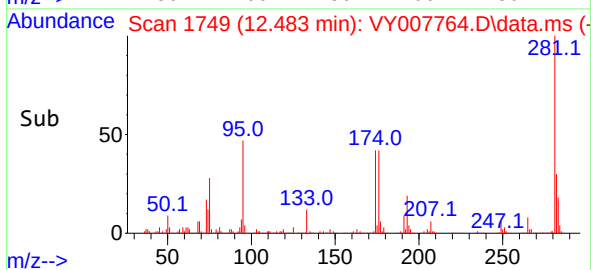
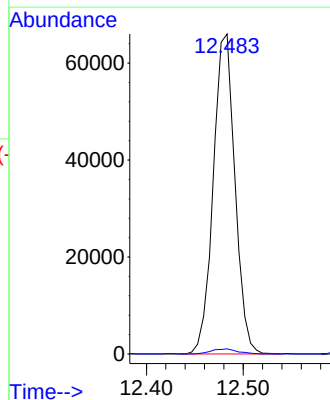
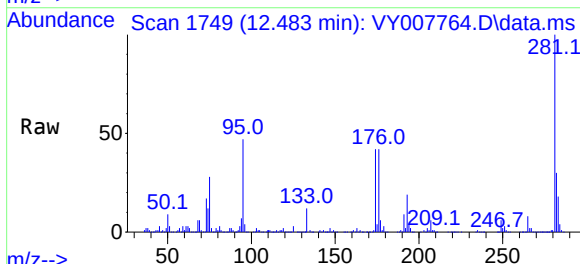
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	158.9	0.0	347.6

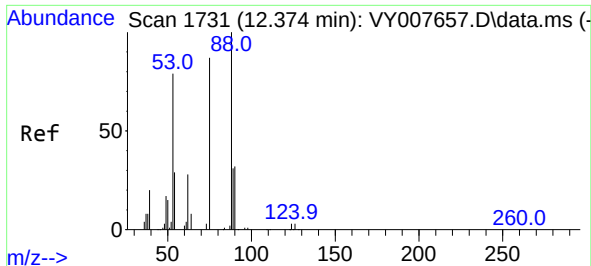


#76
 1,2,3-Trichloropropane
 Concen: 52.226 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007764.D
 Acq: 07 Mar 2022 18:18

Tgt Ion: 75 Resp: 102850

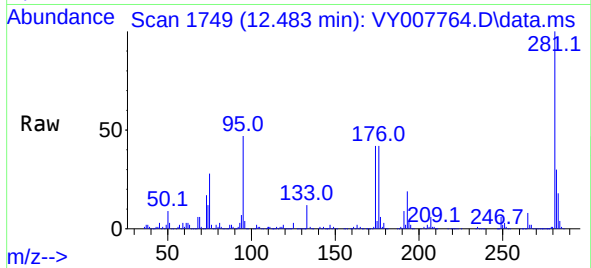
Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.769 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007764.D
 Acq: 07 Mar 2022 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 102850
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 2.0 37.0 55.4#

