

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007766.D
 Acq On : 07 Mar 2022 19:05
 Operator : SY/MD
 Sample : N1793-16
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:04:30 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)

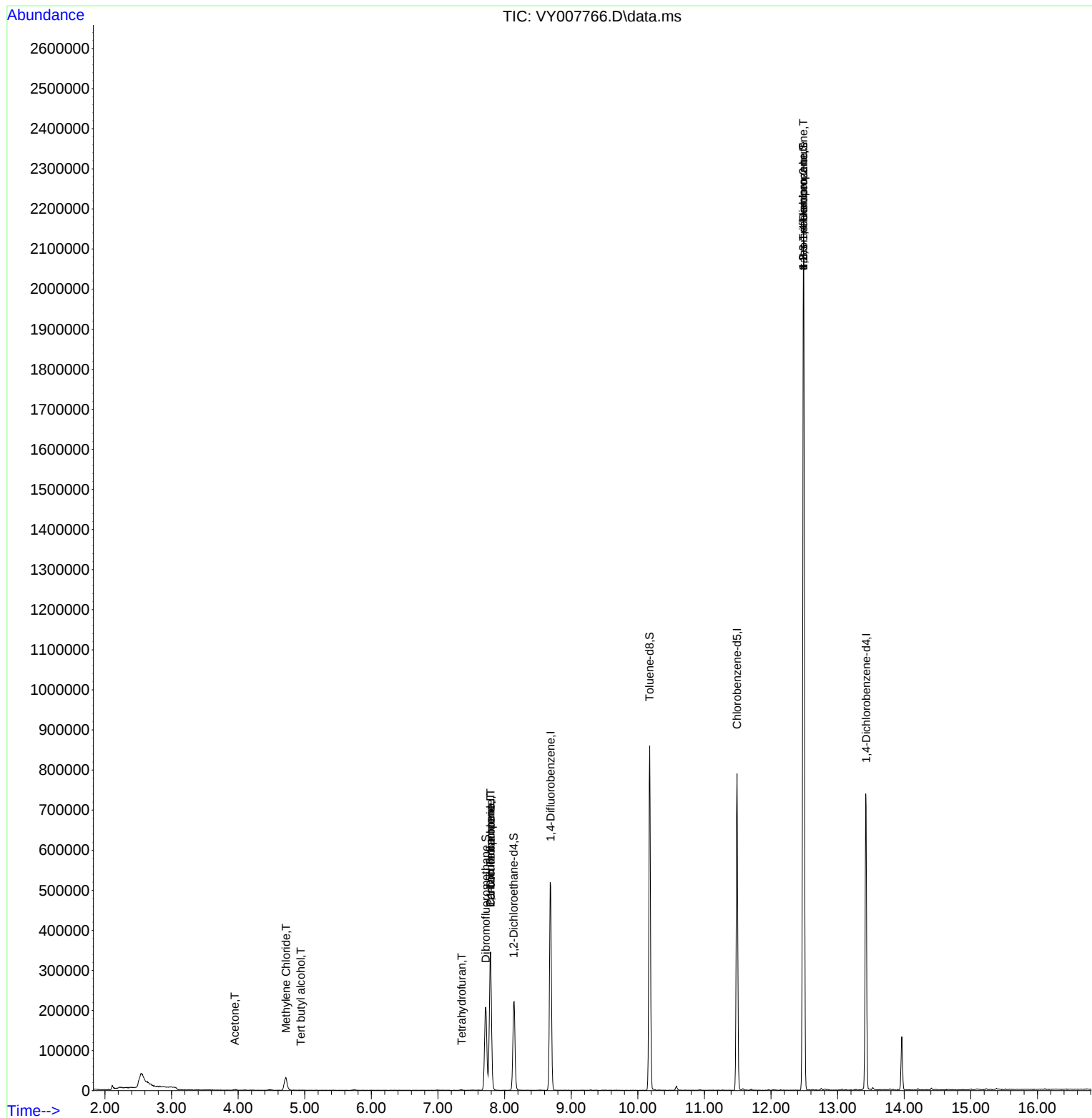
Internal Standards						
1) Pentafluorobenzene	7.789	168	257742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	438162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169431	62.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.580%	
35) Dibromofluoromethane	7.716	113	145758	52.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.179	98	537973	52.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.483	95	174800	52.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26	Below Cal	#	43
3) Chloromethane	2.107	50	7055	Below Cal		92
11) Tert butyl alcohol	4.942	59	469	2.008	ug/l #	77
13) Acrolein	3.698	56	20	Below Cal	#	14
16) Acetone	3.948	43	3501	6.378	ug/l #	67
17) Carbon Disulfide	4.192	76	95	Below Cal	#	75
18) Methyl Acetate	4.466	43	2469	Below Cal	#	84
20) Methylene Chloride	4.716	84	22489	4.586	ug/l #	83
29) Tetrahydrofuran	7.356	42	1240	1.968	ug/l #	90
31) Cyclohexane	7.783	56	6476	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	21014	4.769	ug/l #	51
38) Carbon Tetrachloride	7.789	117	26240	5.582	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	113792	57.486	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	113792	117.523	ug/l #	9

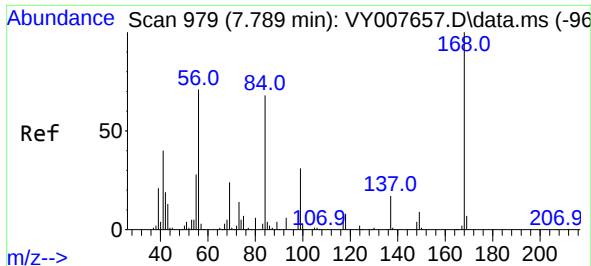
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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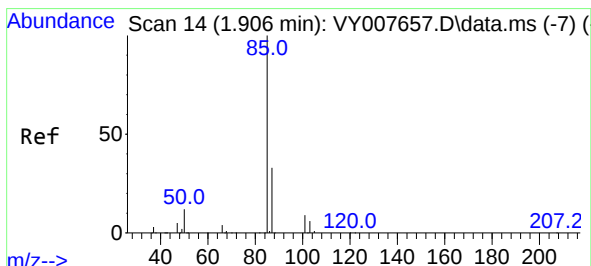
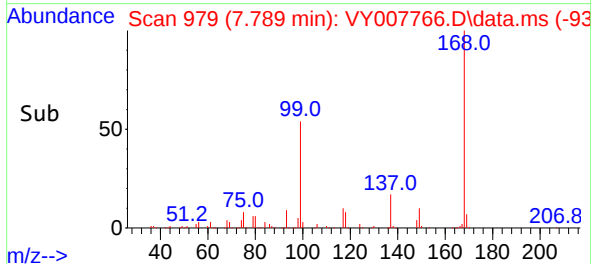
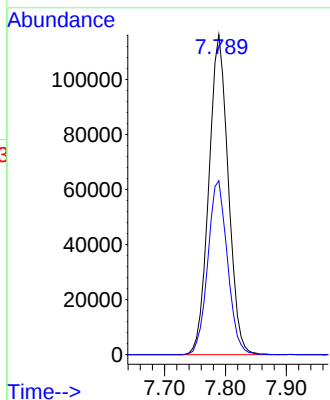
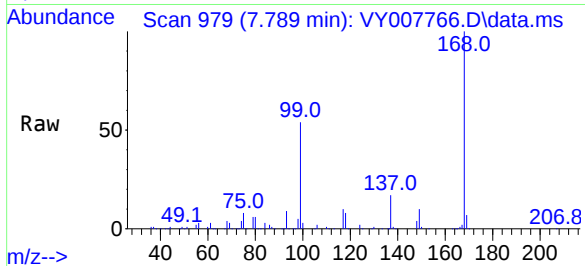




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

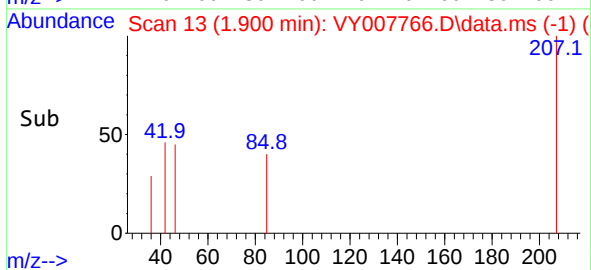
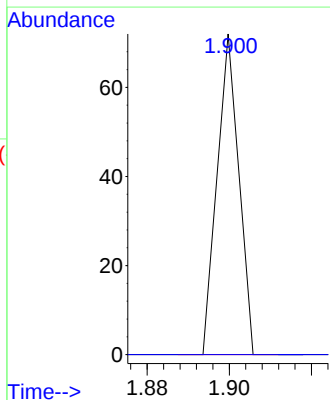
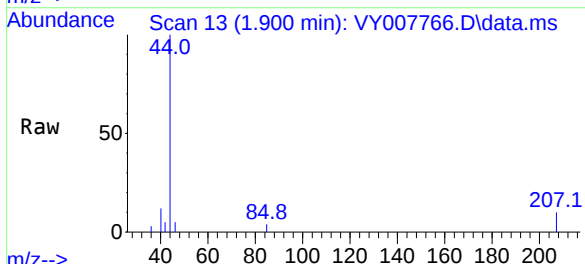
Instrument :
MSVOA_Y
ClientSampleId :

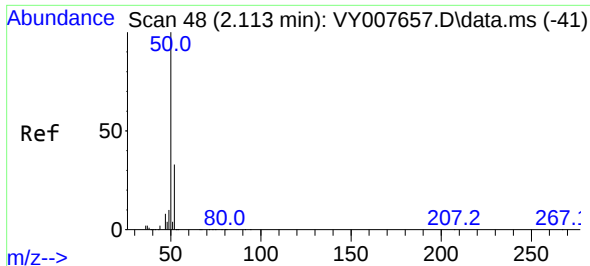
Tgt Ion:168 Resp: 257742
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

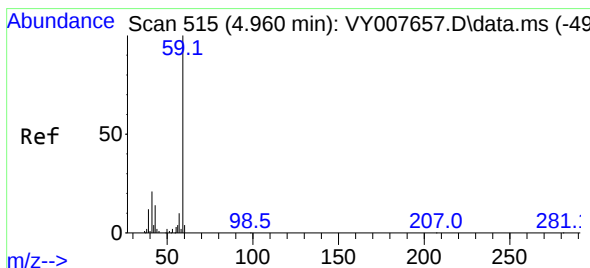
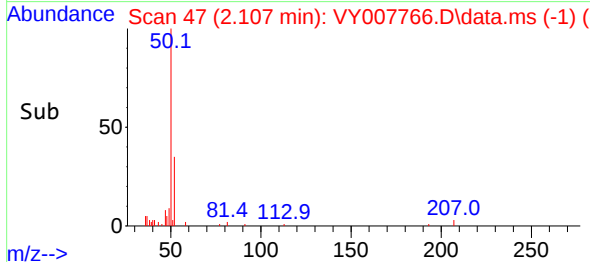
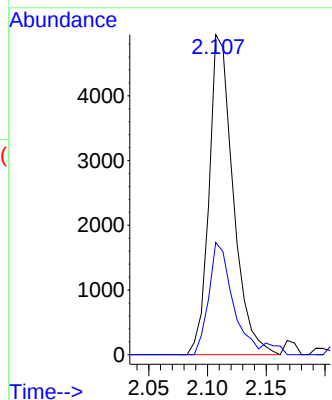
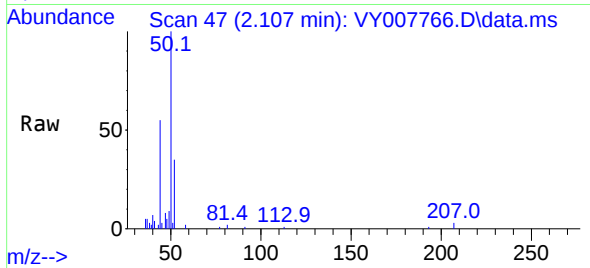




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

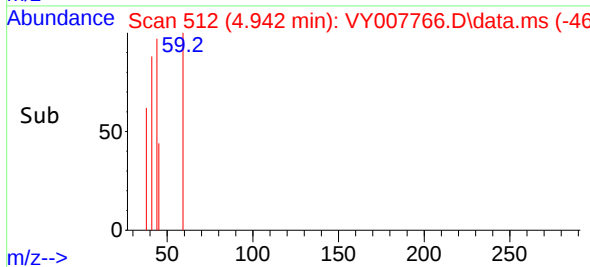
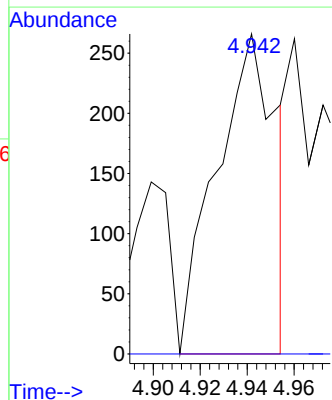
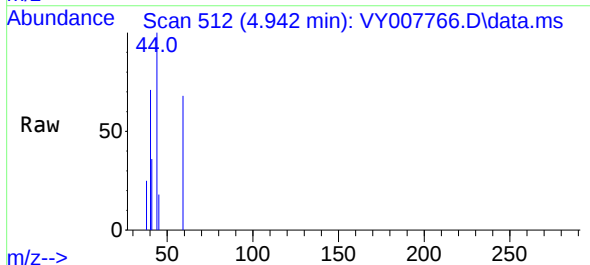
Instrument :
MSVOA_Y
ClientSampleId :

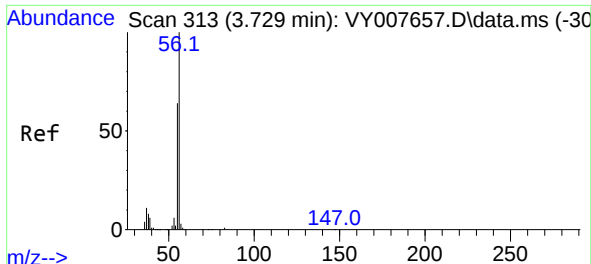
Tgt Ion: 50 Resp: 7055
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0



#11
Tert butyl alcohol
Concen: 2.008 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

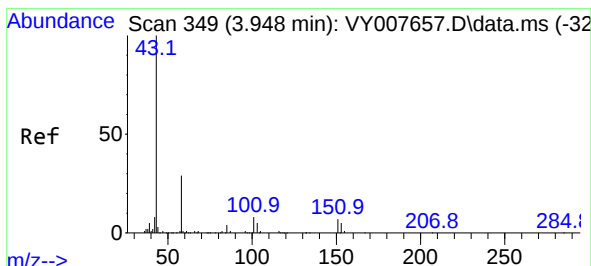
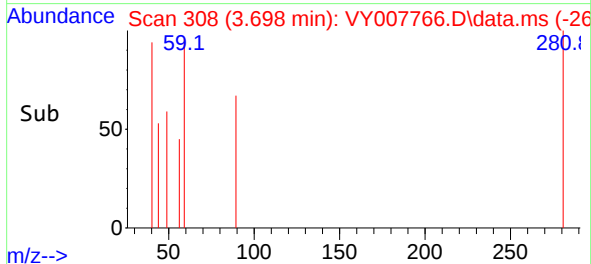
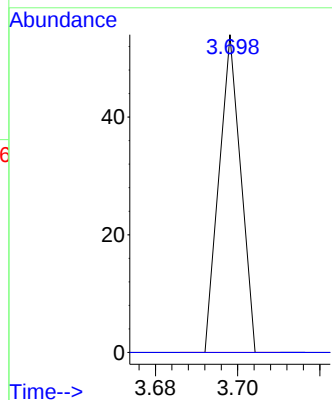
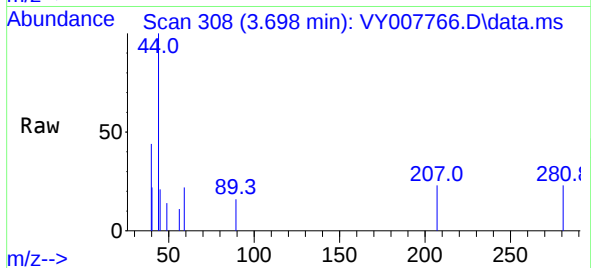




#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.031 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

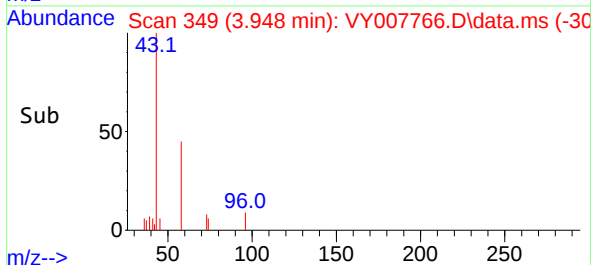
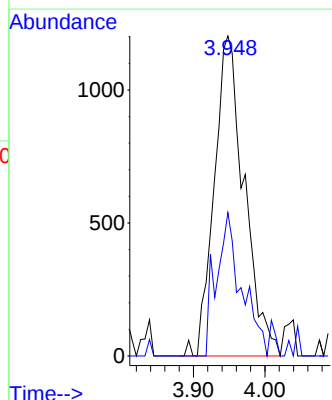
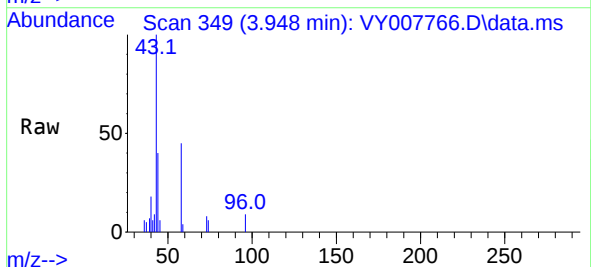
Instrument :
MSVOA_Y
ClientSampleId :

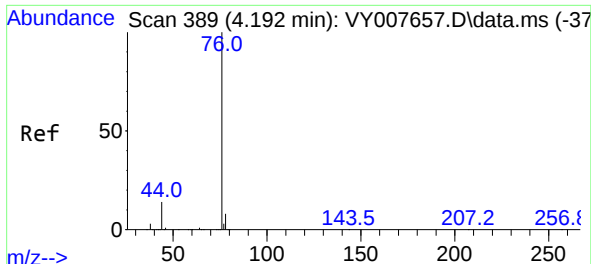
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 6.378 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 43 Resp: 3501
Ion Ratio Lower Upper
43 100
58 44.8 22.0 33.0#

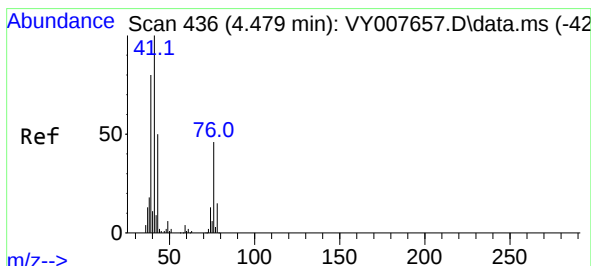
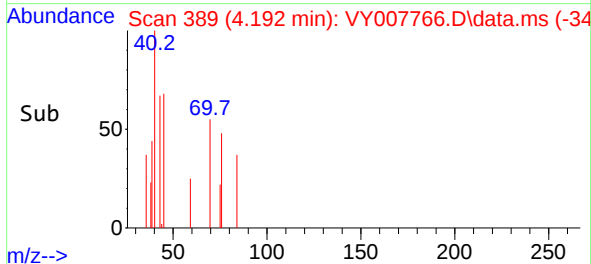
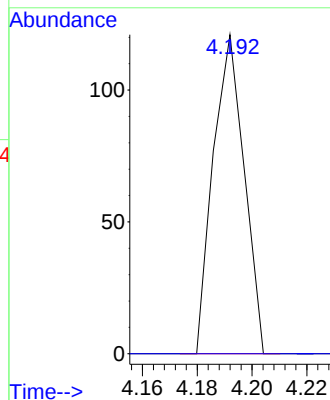
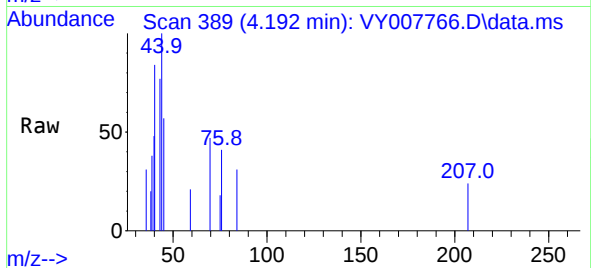




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

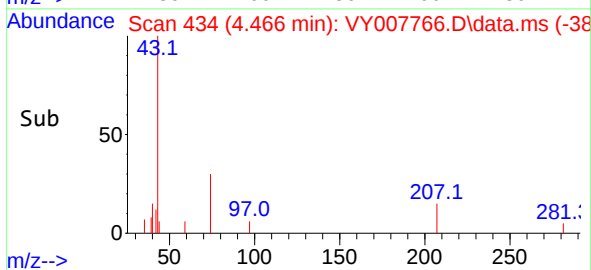
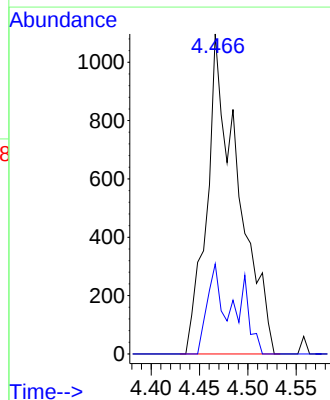
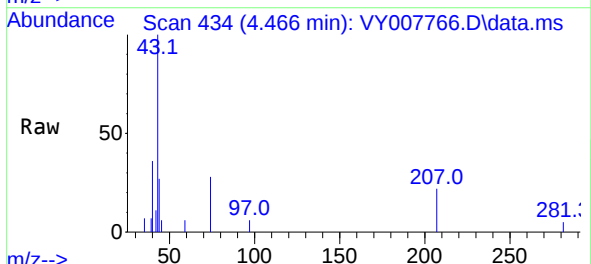
Instrument :
MSVOA_Y
ClientSampleId :

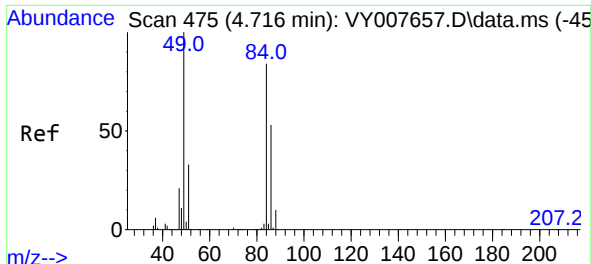
Tgt Ion: 76 Resp: 95
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

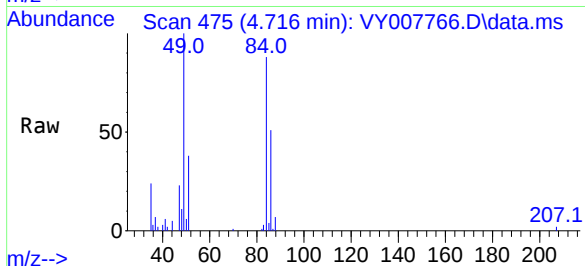
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
74 13.3 16.6 24.8#





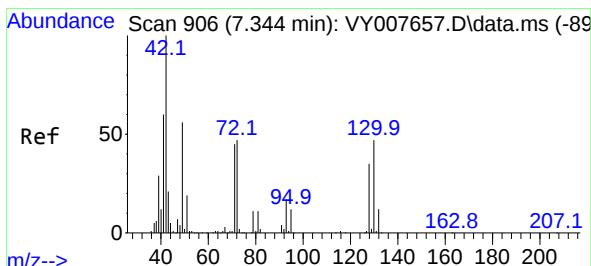
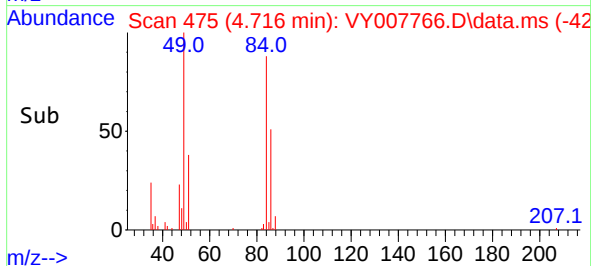
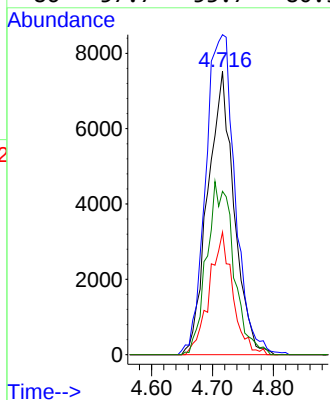
#20
Methylene Chloride
Concen: 4.586 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 22489

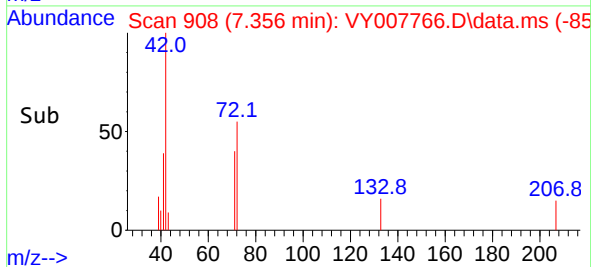
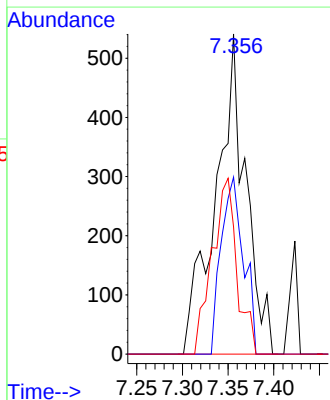
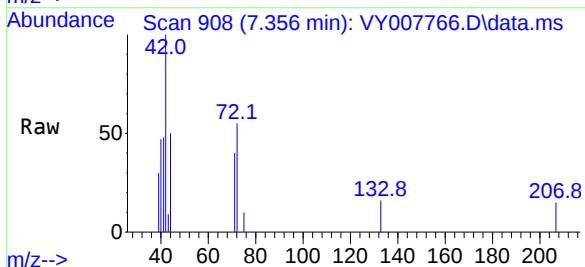
Ion	Ratio	Lower	Upper
84	100		
49	113.0	114.4	171.6#
51	43.3	35.3	52.9
86	57.7	53.7	80.5

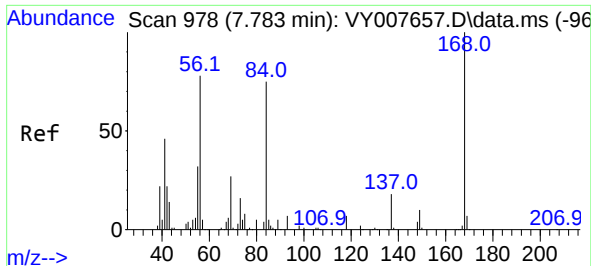


#29
Tetrahydrofuran
Concen: 1.968 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 42 Resp: 1240

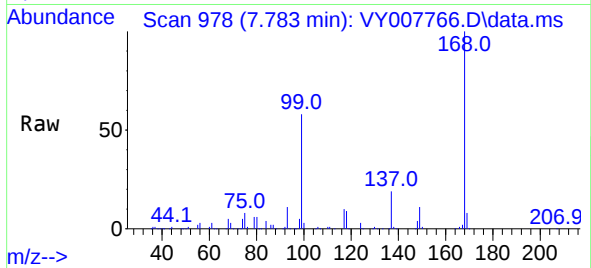
Ion	Ratio	Lower	Upper
42	100		
72	41.2	30.3	45.5
71	45.1	29.0	43.4#



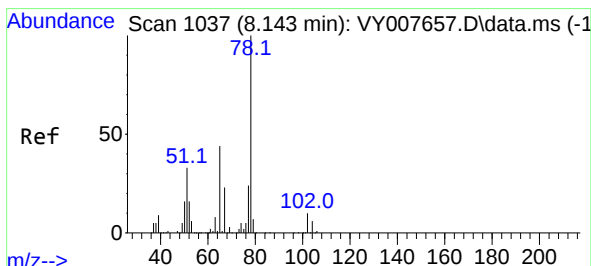
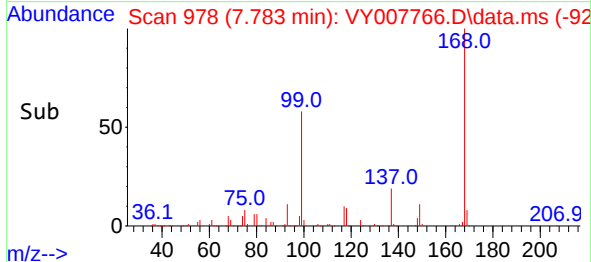
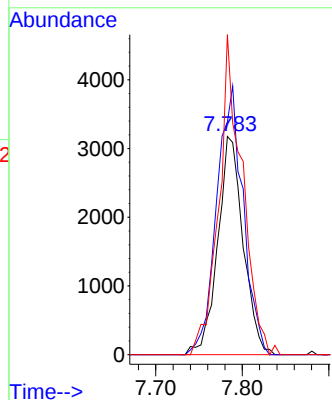


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007766.D
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Instrument :
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ClientSampleId :

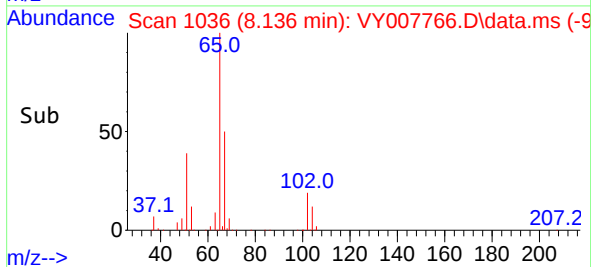
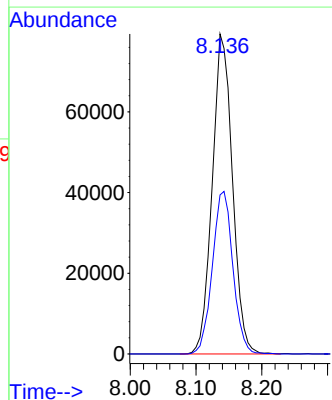
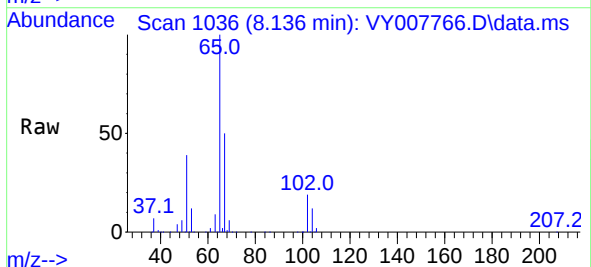


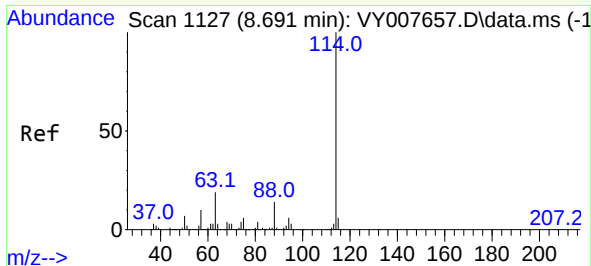
Tgt Ion: 56 Resp: 6476
Ion Ratio Lower Upper
56 100
69 106.7 26.7 40.1#
84 146.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.791 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 65 Resp: 169431
Ion Ratio Lower Upper
65 100
67 51.8 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: VY007766.D

Acq: 07 Mar 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

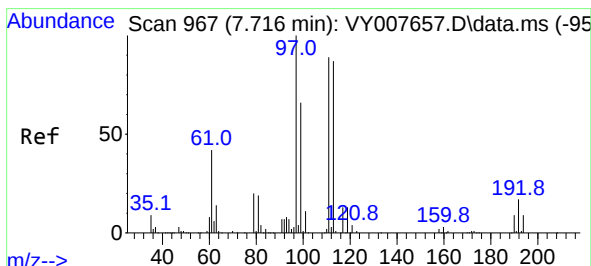
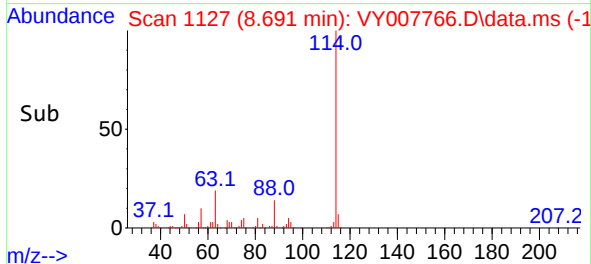
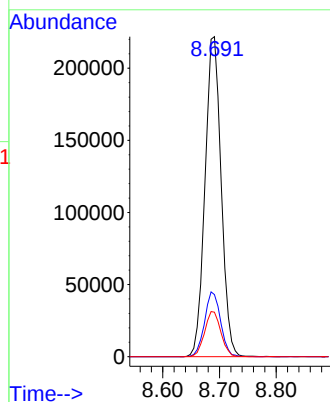
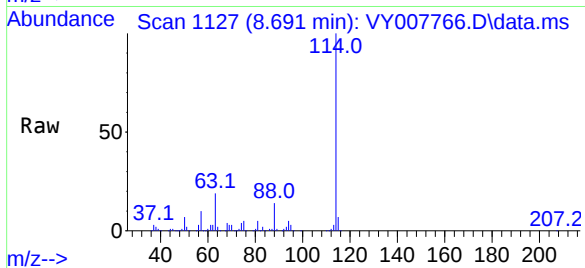
Tgt Ion:114 Resp: 438162

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.032 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007766.D

Acq: 07 Mar 2022 19:05

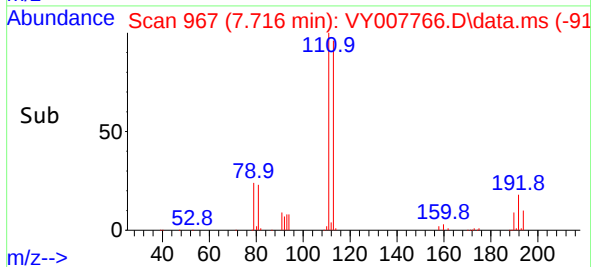
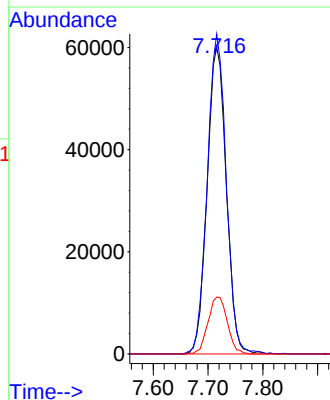
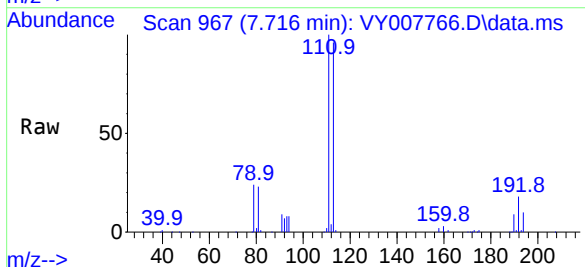
Tgt Ion:113 Resp: 145758

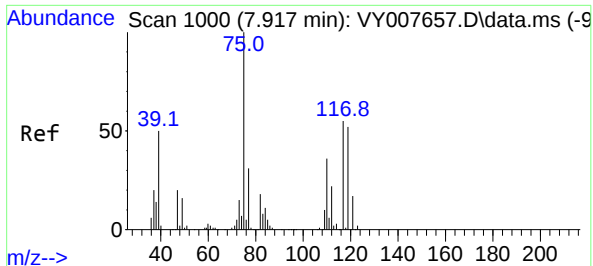
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

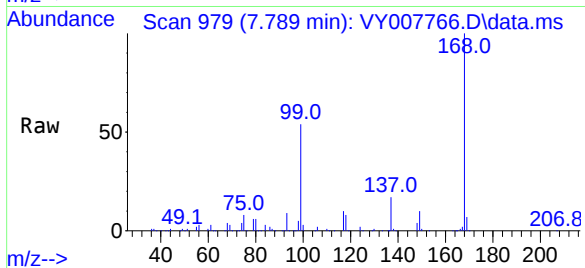
Lab File: VY007766.D

Acq: 07 Mar 2022 19:05

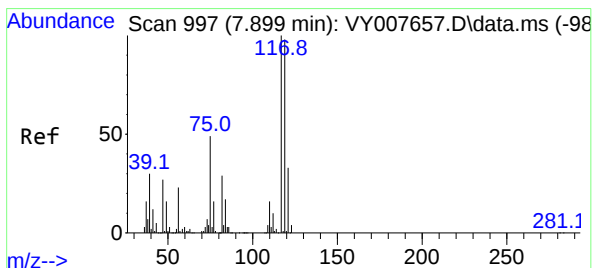
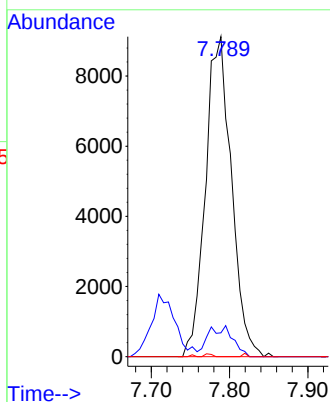
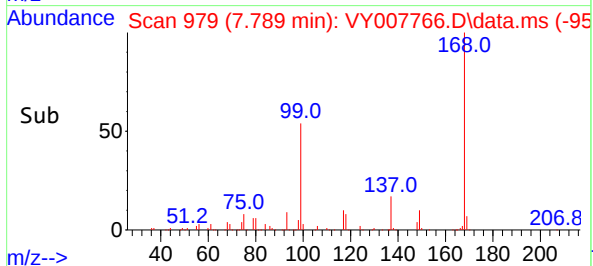
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	21014
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

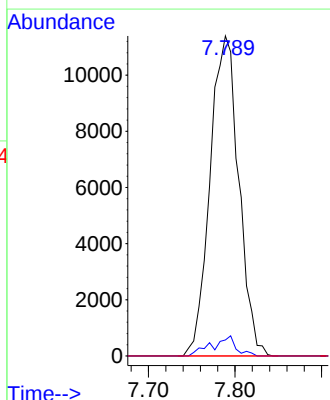
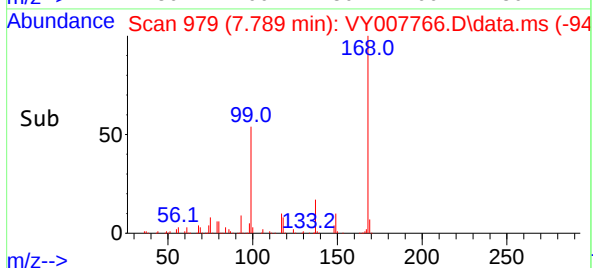
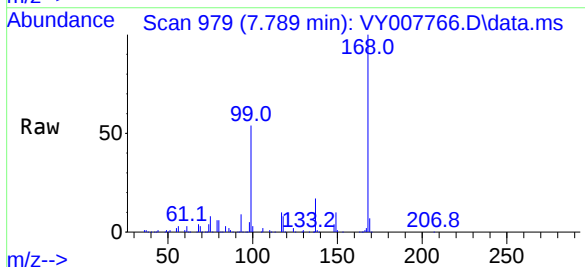
RT: 7.789 min Scan# 979

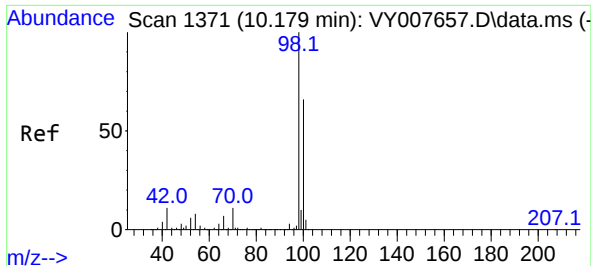
Delta R.T. -0.110 min

Lab File: VY007766.D

Acq: 07 Mar 2022 19:05

Tgt Ion:	117	Resp:	26240
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.9	116.9#
121	0.0	24.8	37.2#

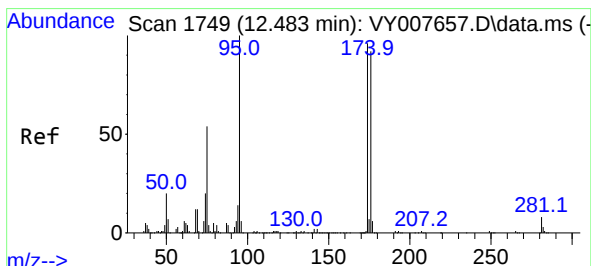
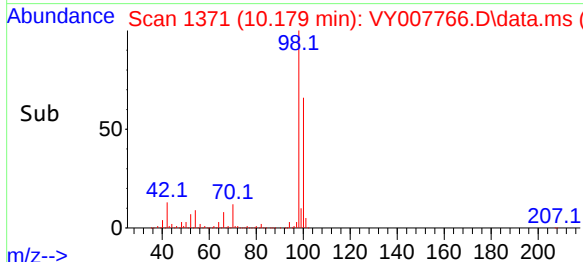
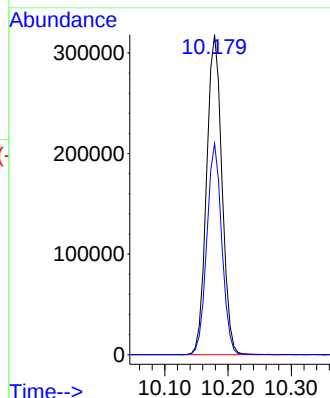
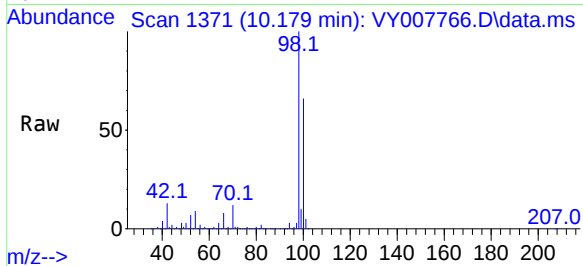




#50
Toluene-d8
Concen: 52.171 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

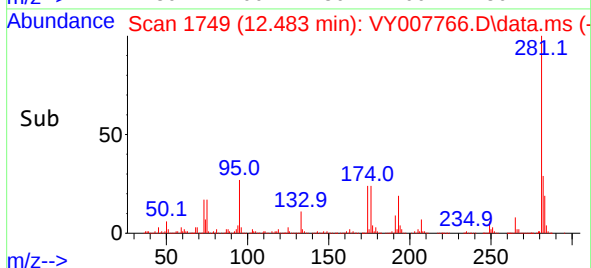
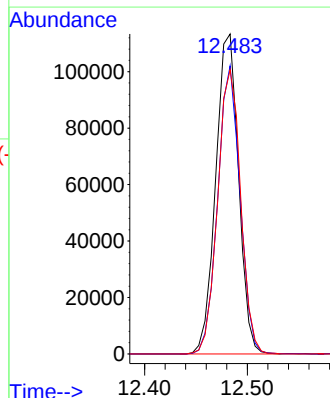
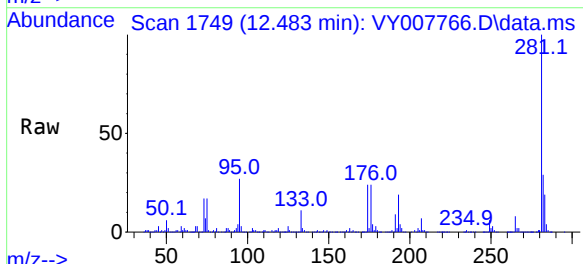
Instrument :
MSVOA_Y
ClientSampleId :

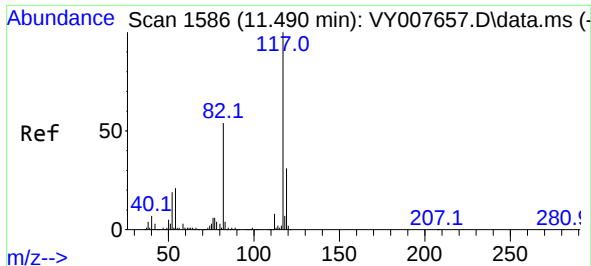
Tgt Ion: 98 Resp: 537973
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

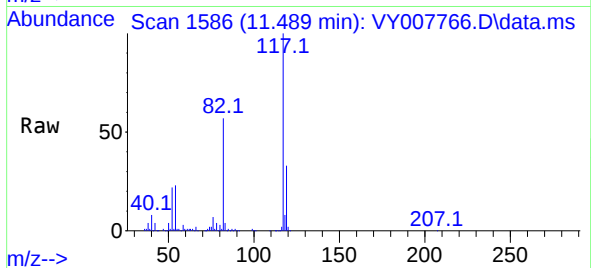
Tgt Ion: 95 Resp: 174800
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 89.3 0.0 175.8



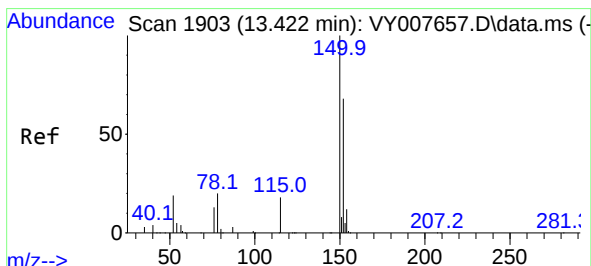
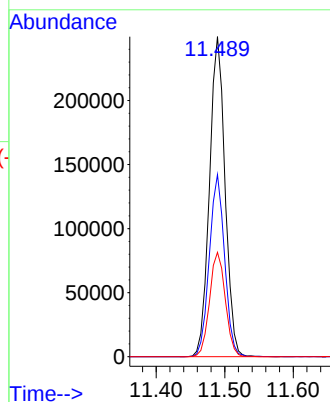
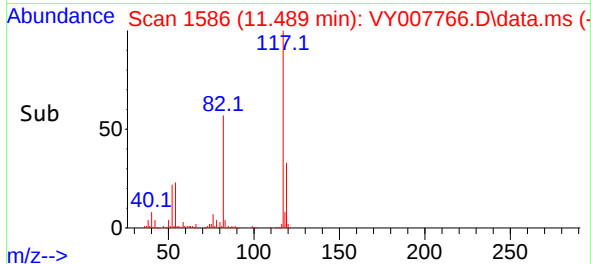


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

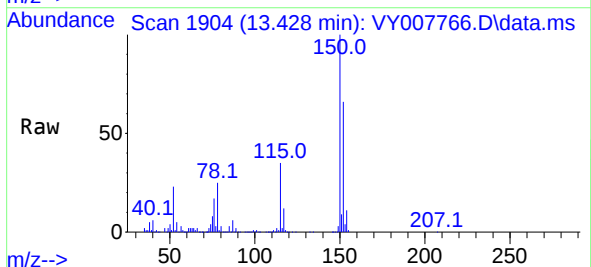
Instrument :
MSVOA_Y
ClientSampleId :



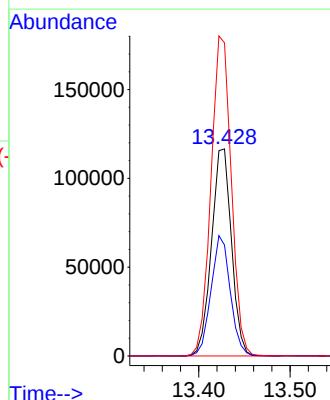
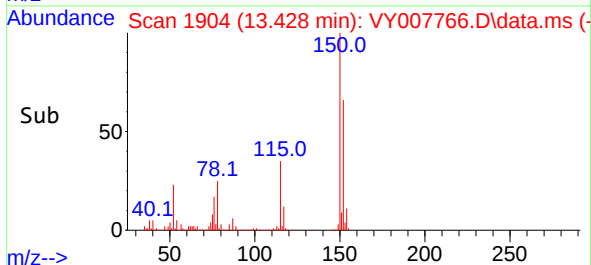
Tgt Ion:117 Resp: 393945
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.6 25.4 38.0

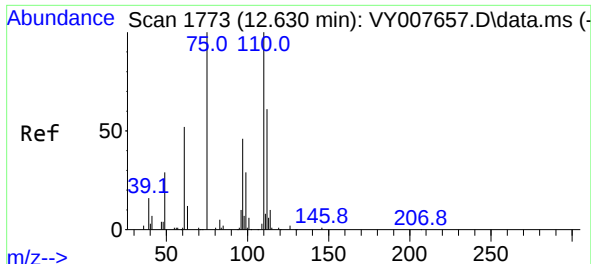


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05



Tgt Ion:152 Resp: 177251
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.6 0.0 347.6

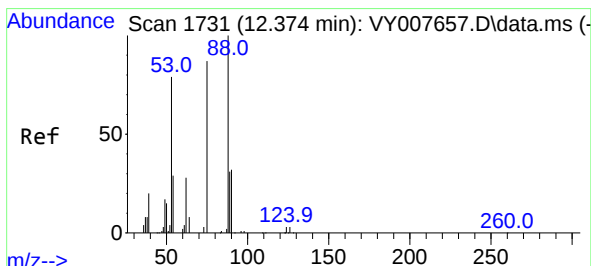
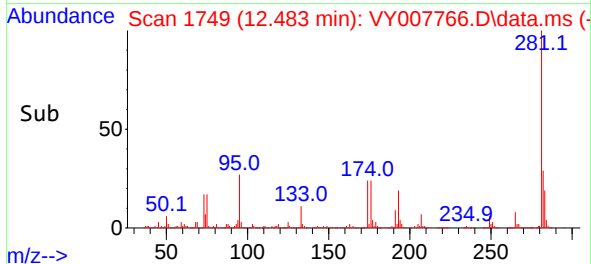
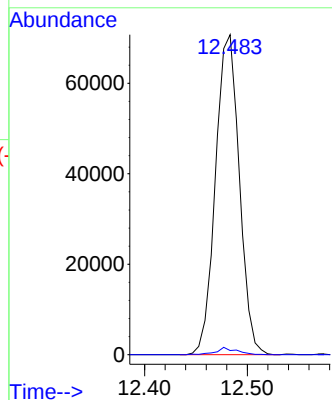
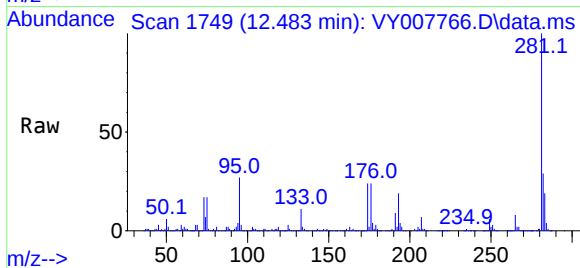




#76
1,2,3-Trichloropropane
Concen: 57.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113792
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007766.D
Acq: 07 Mar 2022 19:05

Tgt Ion: 75 Resp: 113792
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.7 37.0 55.4#

