

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007698.D
 Acq On : 03 Mar 2022 12:48
 Operator : SY/MD
 Sample : N1726-01
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:40:41 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	244025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	412535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116427	45.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.140%
35) Dibromofluoromethane	7.722	113	123702	46.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.179	98	497901	51.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.483	95	142212	45.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.880%

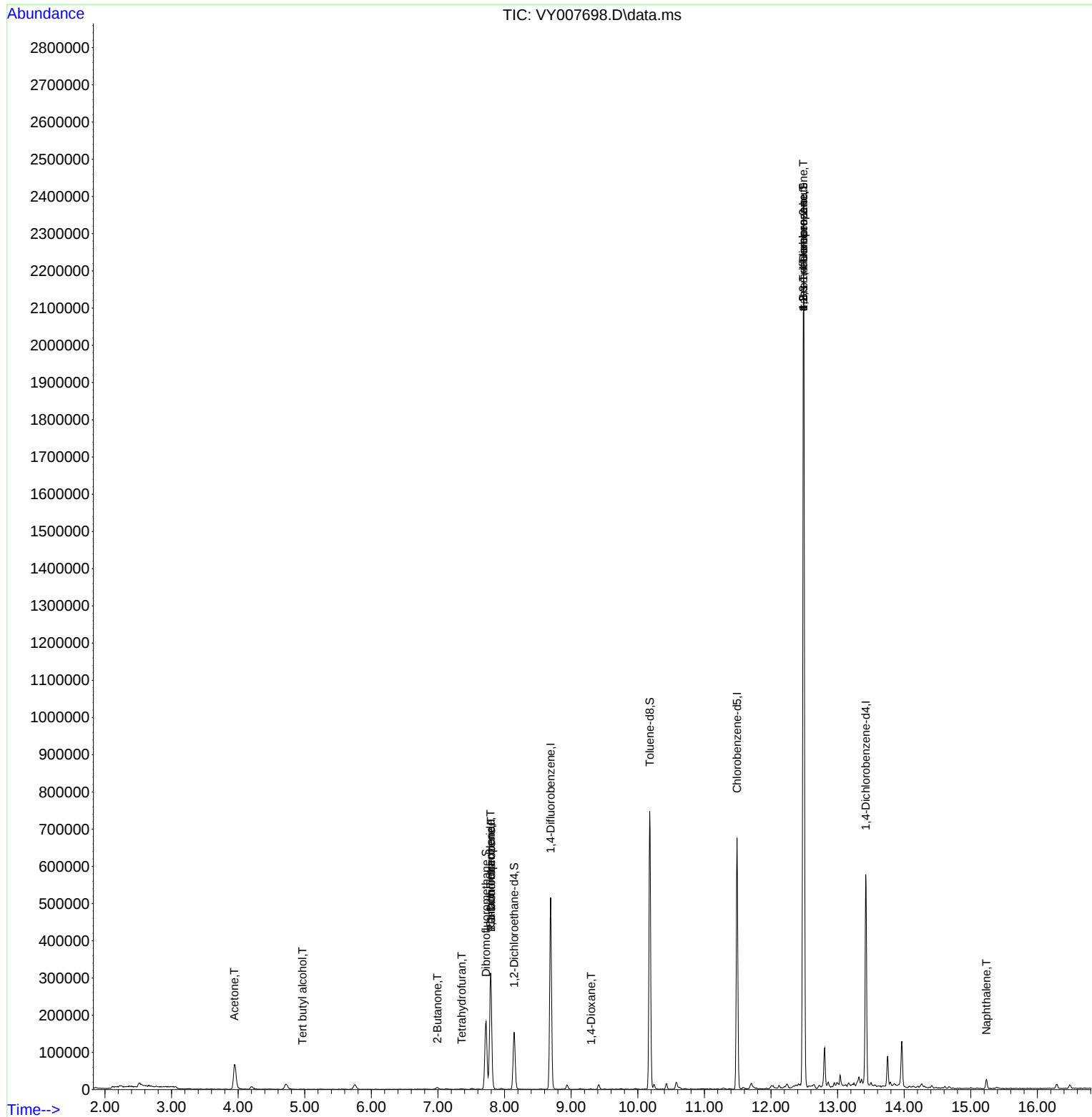
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.918	85	90	Below Cal	#	43
3) Chloromethane	2.113	50	2345	Below Cal		90
11) Tert butyl alcohol	4.966	59	391	1.768 ug/l	#	77
13) Acrolein	3.741	56	125	Below Cal	#	71
16) Acetone	3.942	43	119611	230.154 ug/l	#	89
17) Carbon Disulfide	4.192	76	919	Below Cal	#	83
18) Methyl Acetate	4.491	43	705	Below Cal	#	65
20) Methylene Chloride	4.710	84	10488	Below Cal	#	77
25) 2-Butanone	6.990	43	7670	8.798 ug/l	#	90
29) Tetrahydrofuran	7.356	42	972	1.629 ug/l	#	77
31) Cyclohexane	7.783	56	5721	Below Cal	#	54
36) 1,1-Dichloropropene	7.795	75	18792	4.529 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	24099	5.445 ug/l	#	15
49) 1,4-Dioxane	9.301	88	53	2.449 ug/l	#	20
76) 1,2,3-Trichloropropane	12.483	75	93802	59.406 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93802	121.448 ug/l	#	10
95) Naphthalene	15.233	128	20367	3.527 ug/l		97

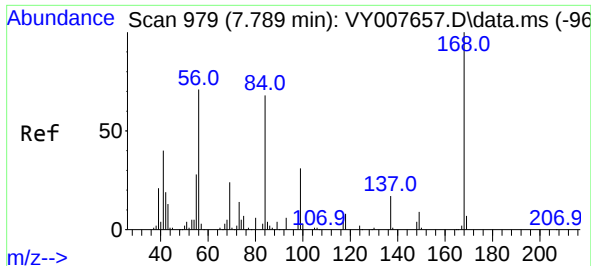
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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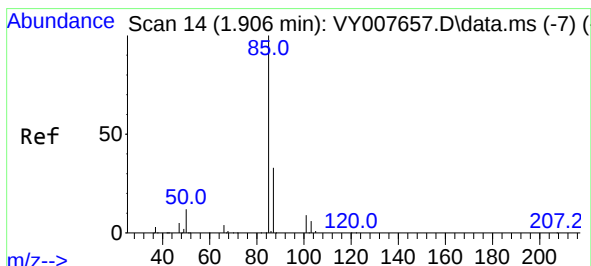
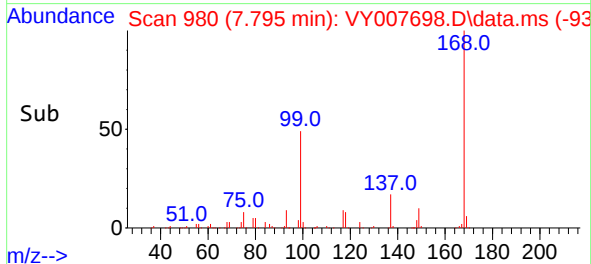
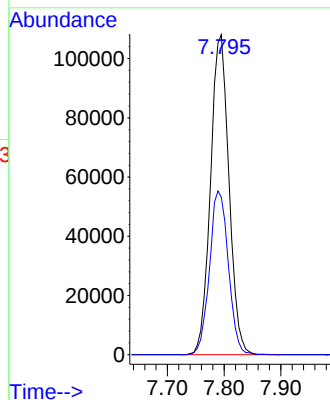
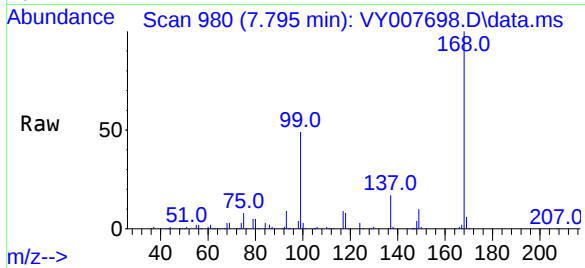




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

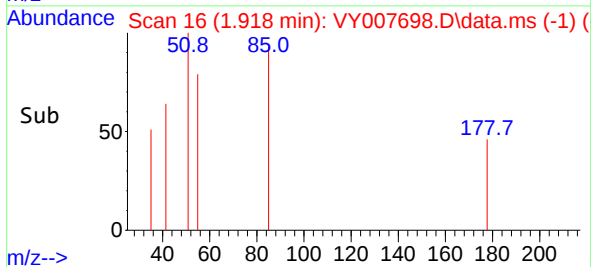
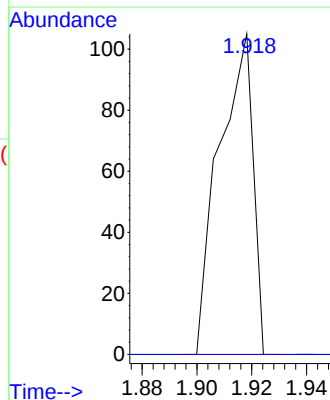
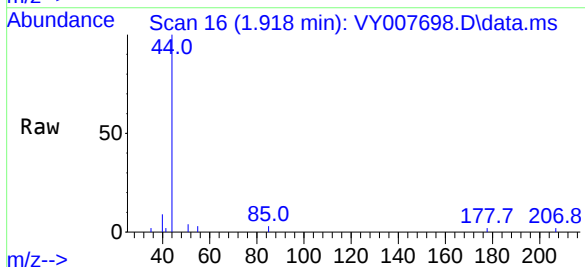
Instrument :
MSVOA_Y
ClientSampleId :

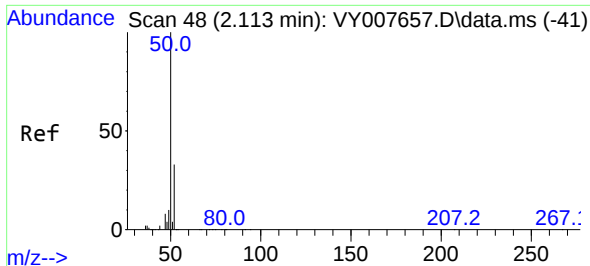
Tgt Ion:168 Resp: 244025
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 85 Resp: 90
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

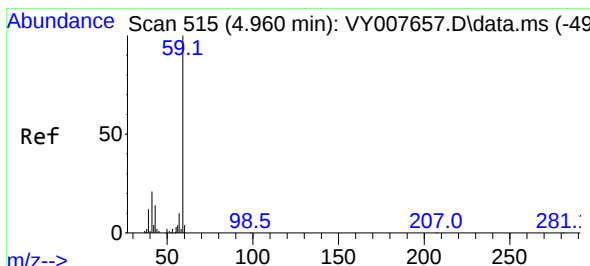
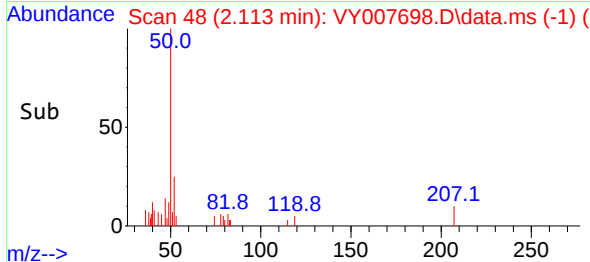
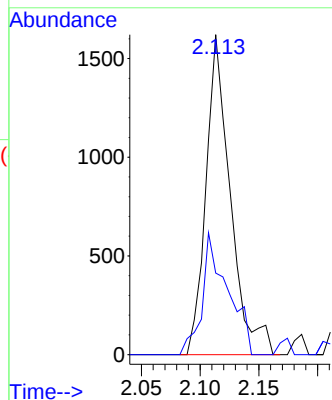
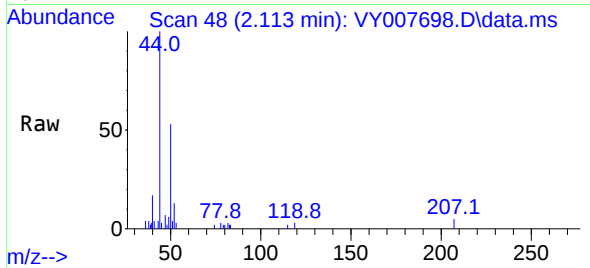




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

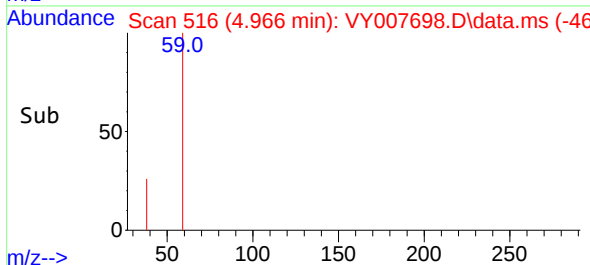
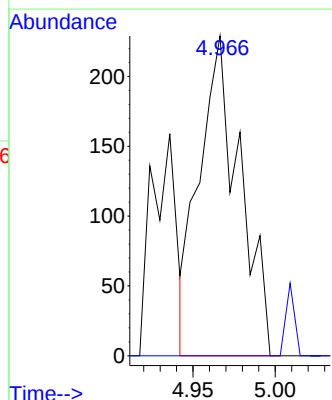
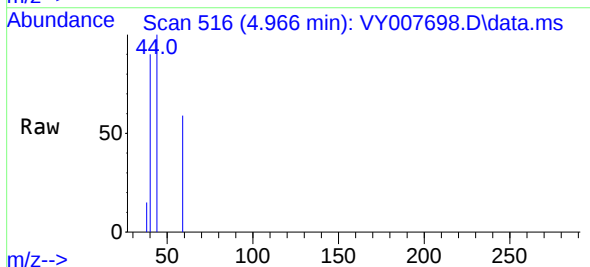
Instrument :
MSVOA_Y
ClientSampleId :

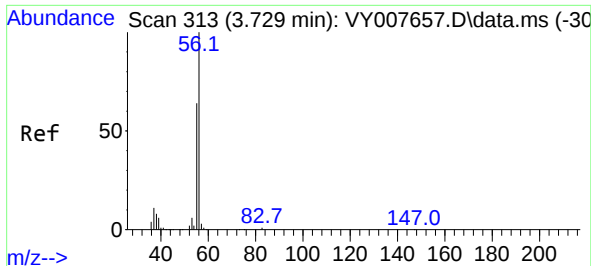
Tgt Ion: 50 Resp: 2345
Ion Ratio Lower Upper
50 100
52 25.5 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.768 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

Instrument :

MSVOA_Y

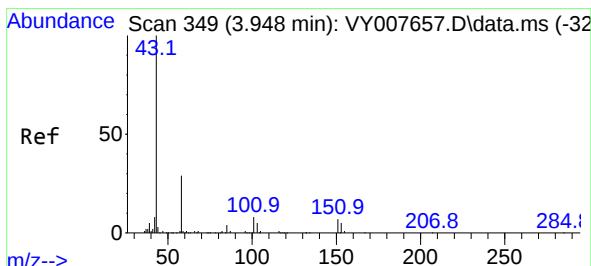
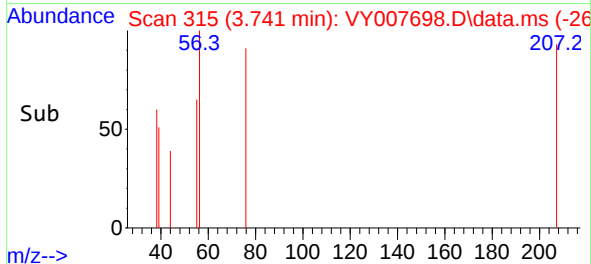
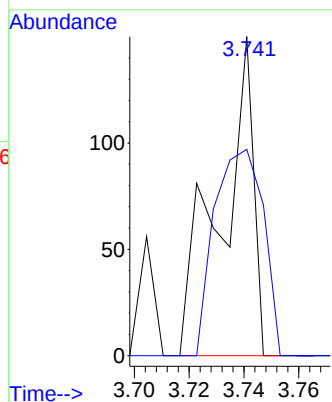
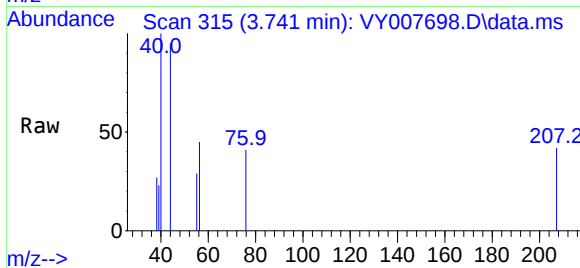
ClientSampleId :

Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 96.0 57.6 86.4#



#16

Acetone

Concen: 230.154 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007698.D

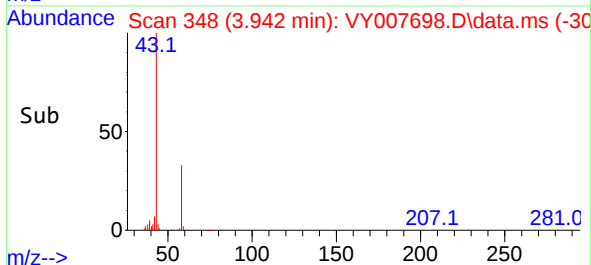
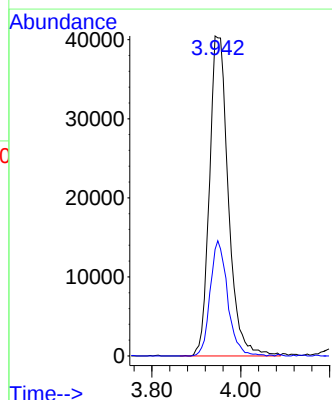
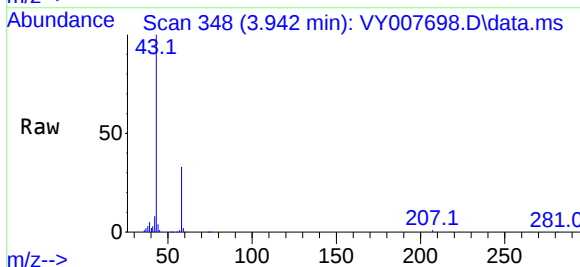
Acq: 03 Mar 2022 12:48

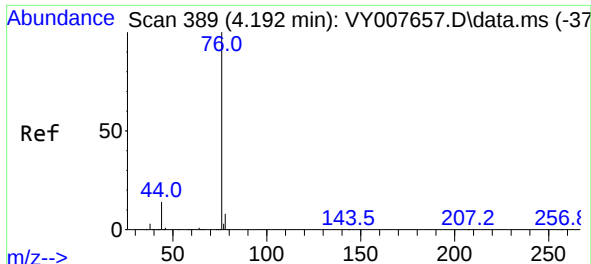
Tgt Ion: 43 Resp: 119611

Ion Ratio Lower Upper

43 100

58 33.3 22.0 33.0#

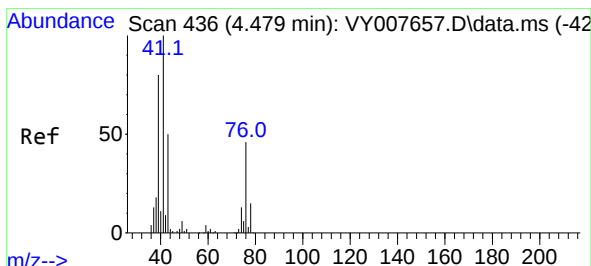
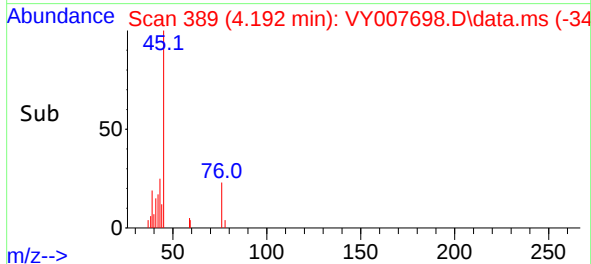
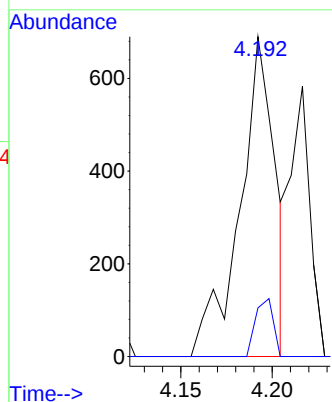
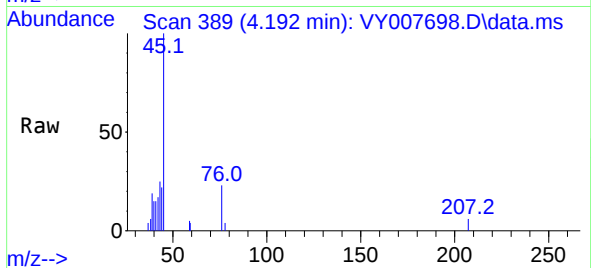




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

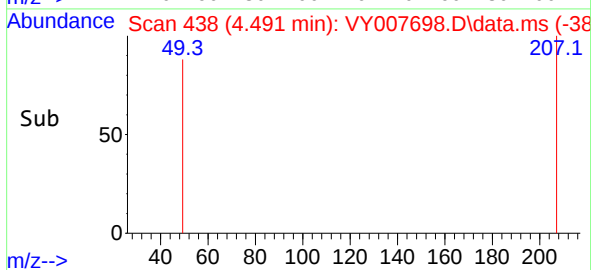
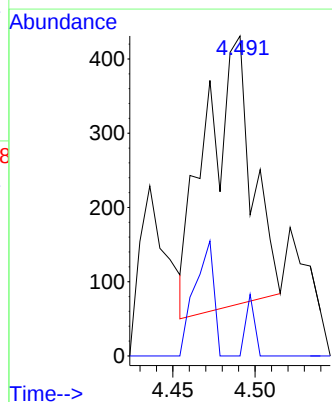
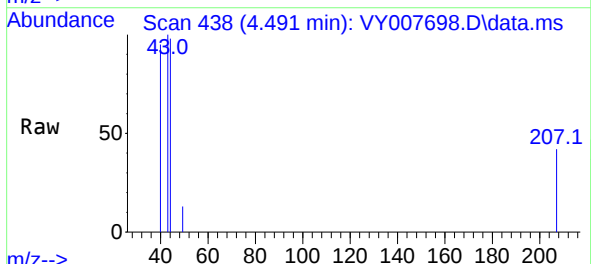
Instrument :
MSVOA_Y
ClientSampleId :

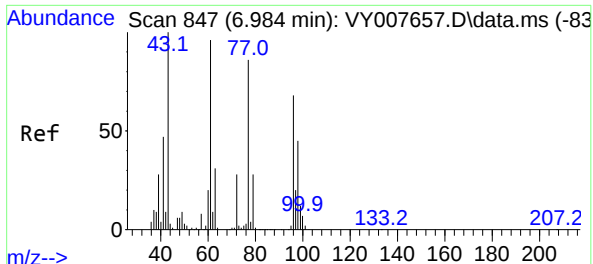
Tgt Ion: 76 Resp: 919
Ion Ratio Lower Upper
76 100
78 15.2 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 4.3 16.6 24.8#





#25

2-Butanone

Concen: 8.798 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

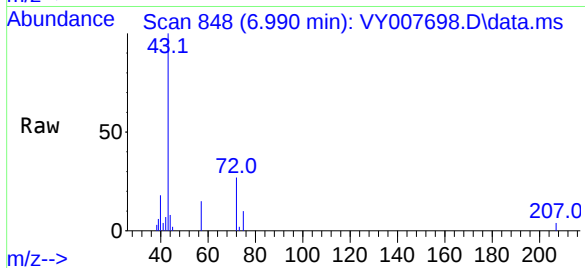
Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

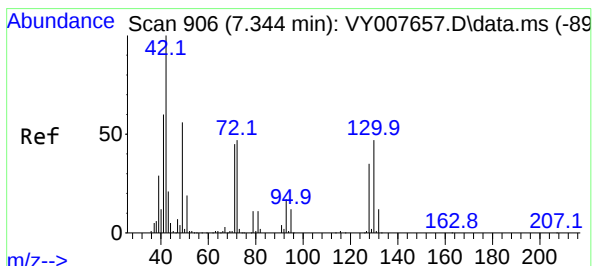
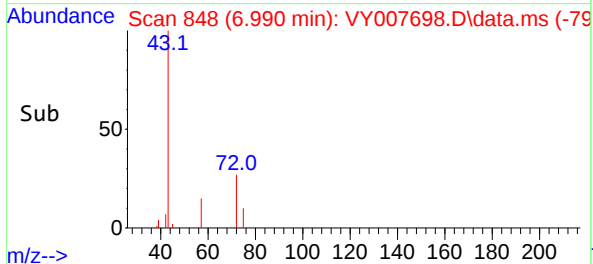
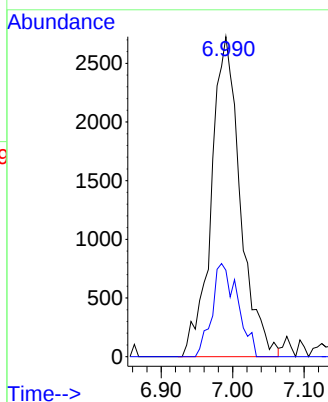


Tgt Ion: 43 Resp: 7670

Ion Ratio Lower Upper

43 100

72 27.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.629 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

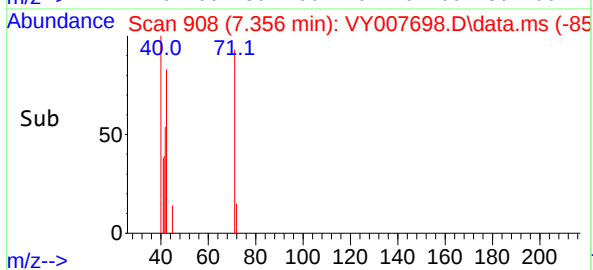
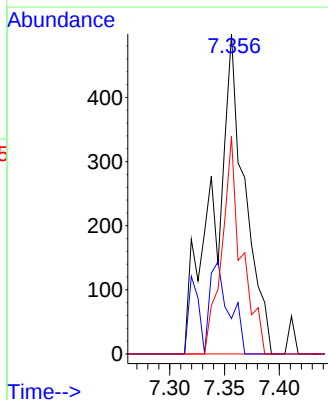
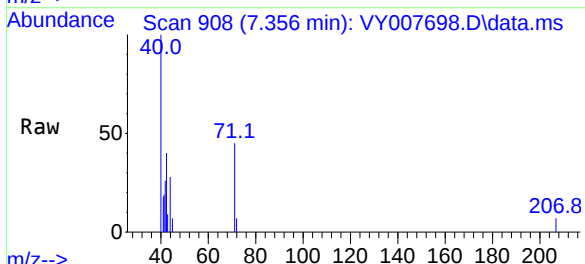
Tgt Ion: 42 Resp: 972

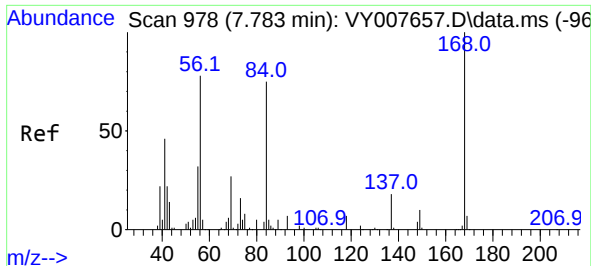
Ion Ratio Lower Upper

42 100

72 18.0 30.3 45.5#

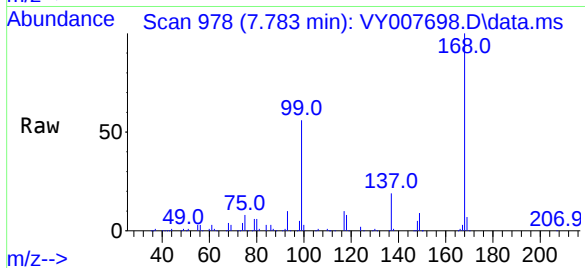
71 43.6 29.0 43.4#



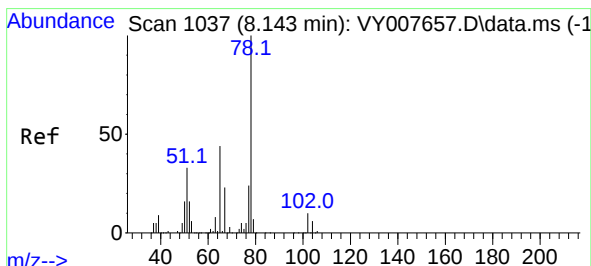
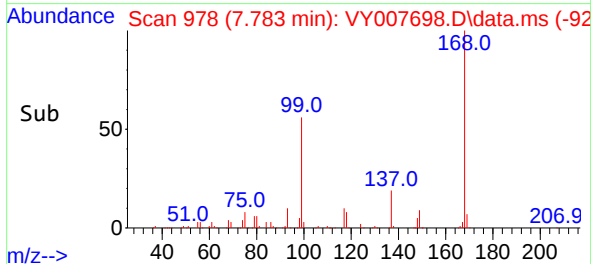
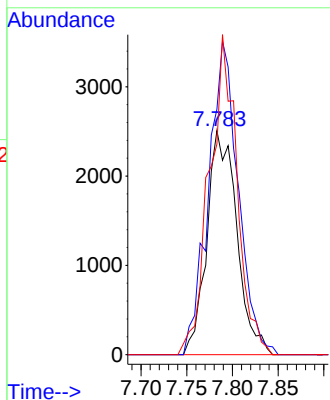


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :

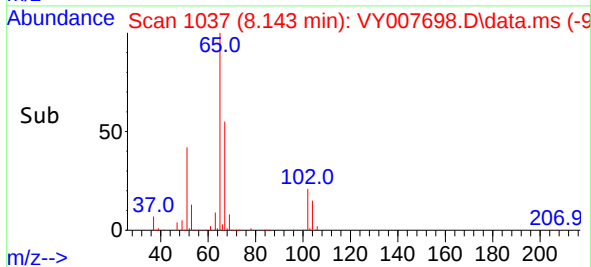
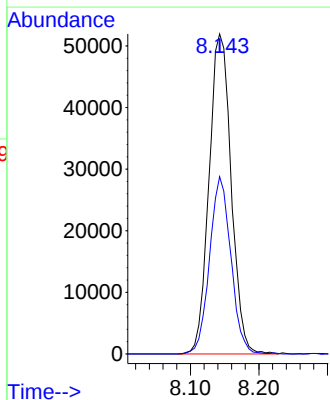
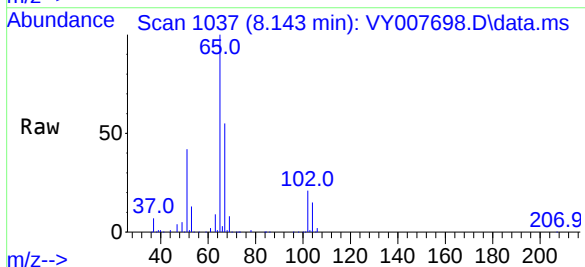


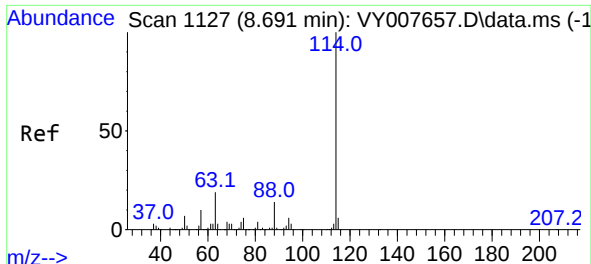
Tgt Ion: 56 Resp: 5721
Ion Ratio Lower Upper
56 100
69 109.5 26.7 40.1#
84 94.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 45.573 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

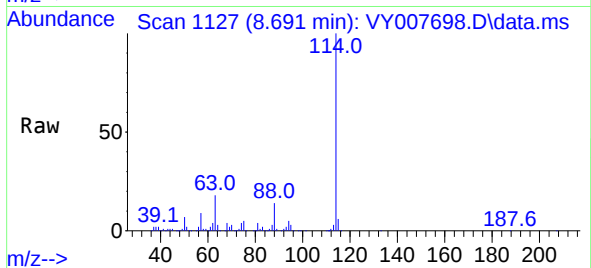
Tgt Ion: 65 Resp: 116427
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4



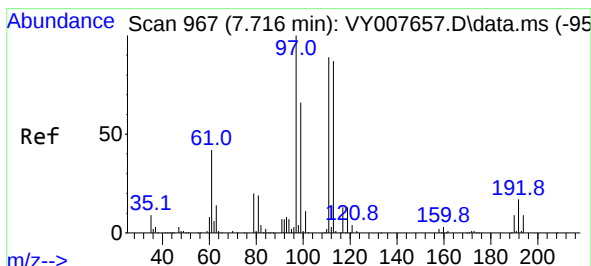
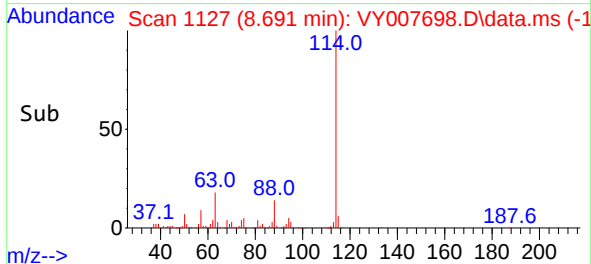
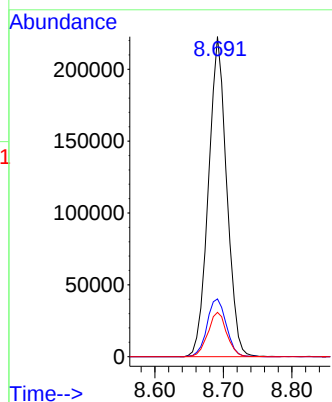


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :

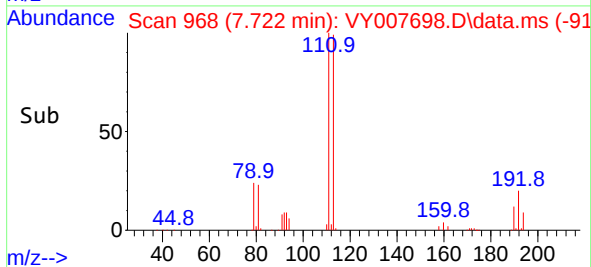
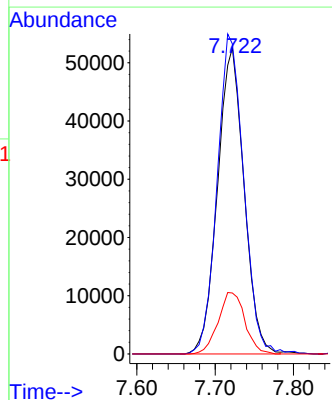
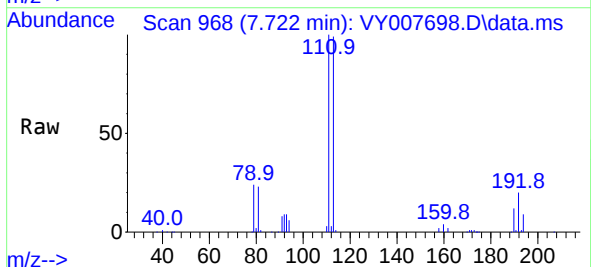


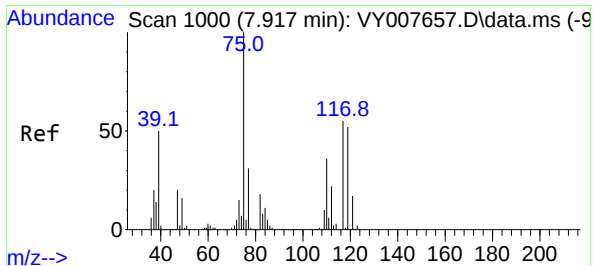
Tgt Ion:114 Resp: 412535
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.902 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion:113 Resp: 123702
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007698.D

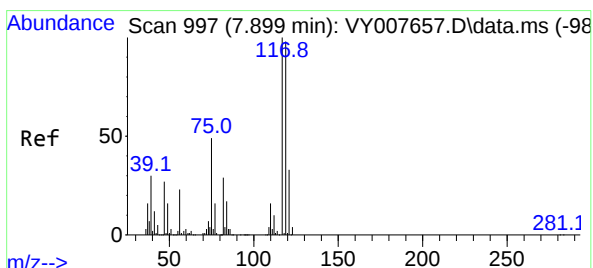
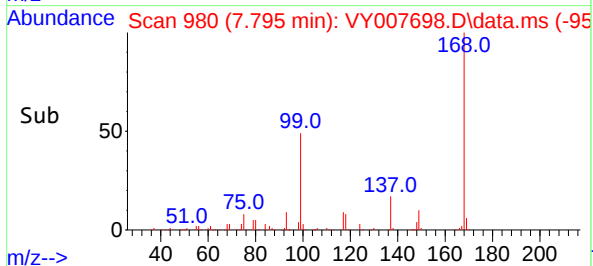
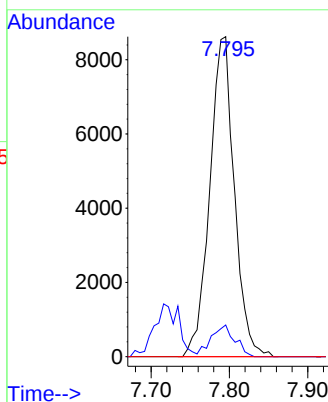
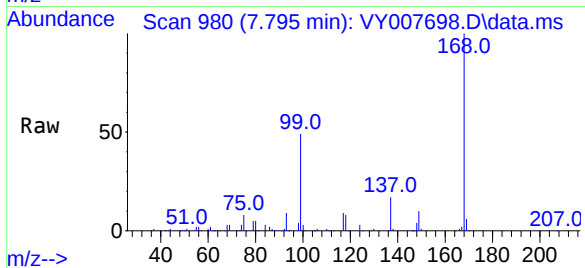
Acq: 03 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	18792
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.445 ug/l

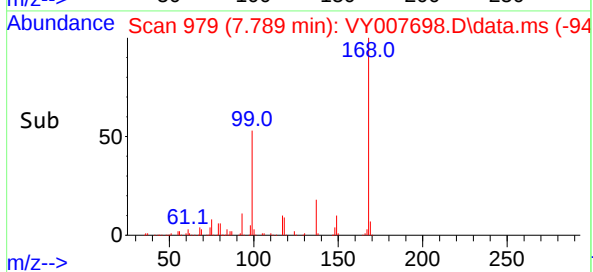
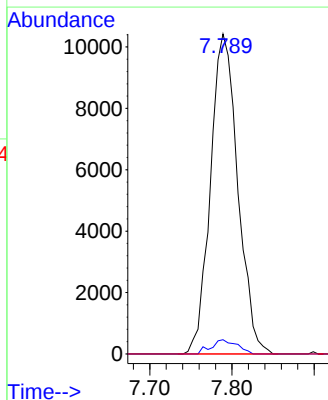
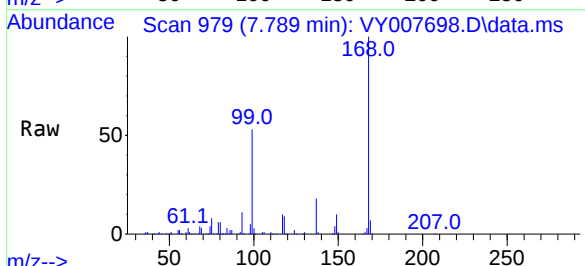
RT: 7.789 min Scan# 979

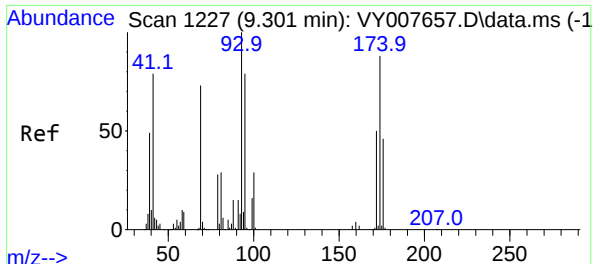
Delta R.T. -0.110 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

Tgt Ion:	117	Resp:	24099
Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.9	116.9#
121	0.0	24.8	37.2#

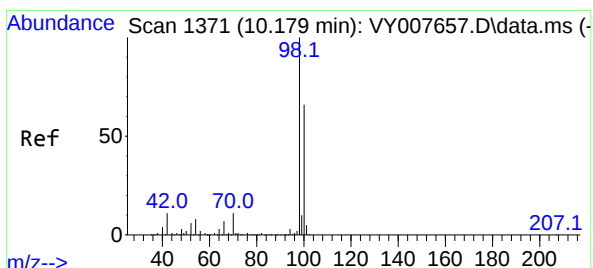
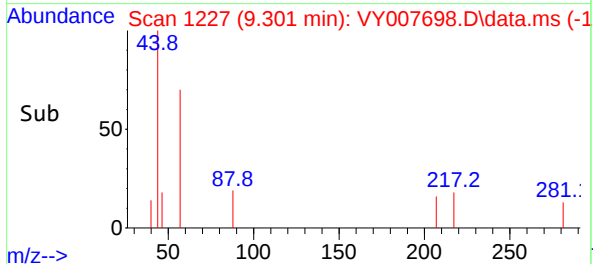
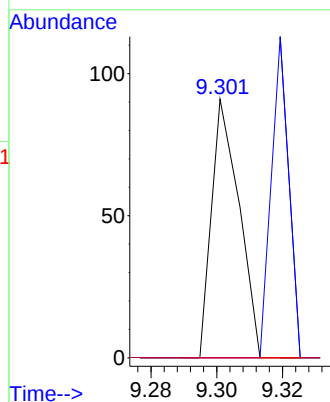
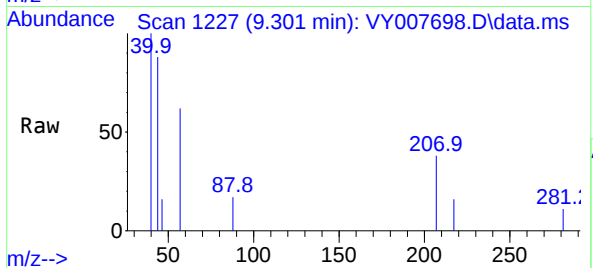




#49
1,4-Dioxane
Concen: 2.449 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

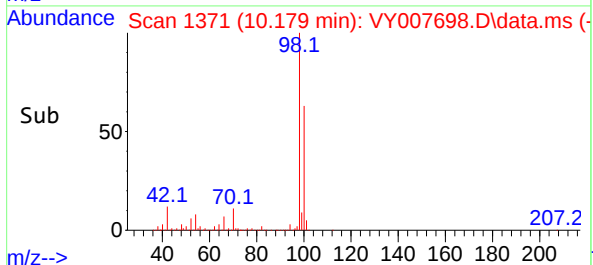
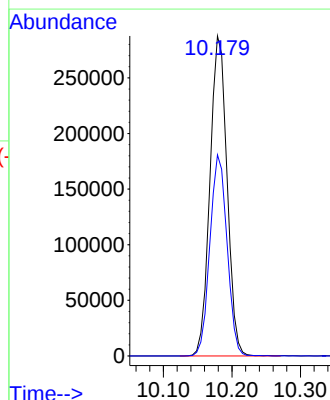
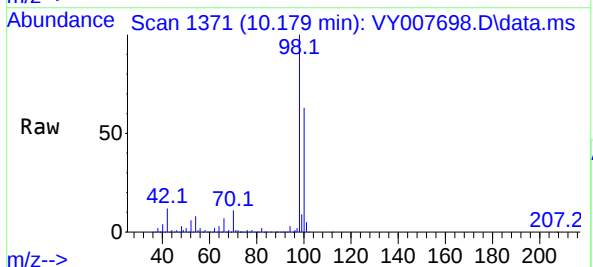
Instrument :
MSVOA_Y
ClientSampleId :

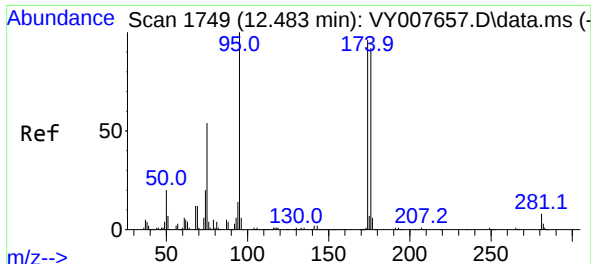
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

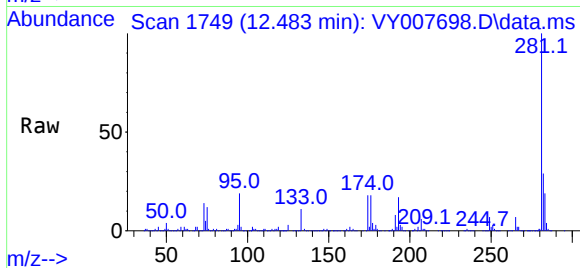
Tgt Ion: 98 Resp: 497901
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



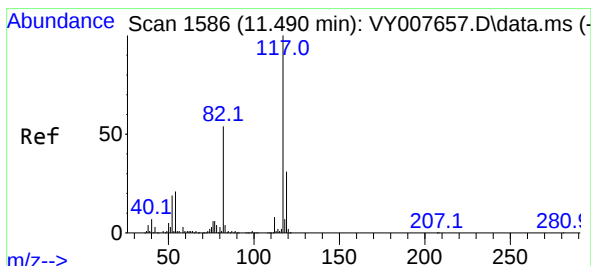
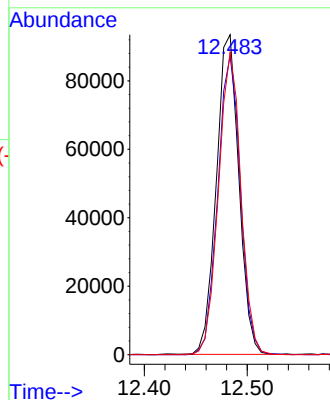
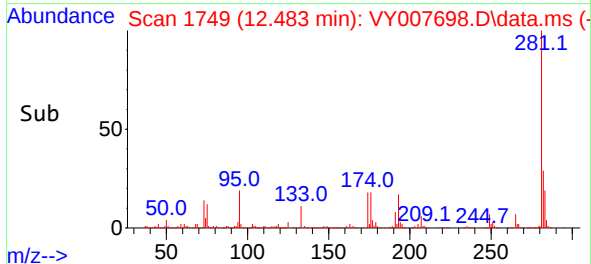


#62
4-Bromofluorobenzene
Concen: 45.442 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

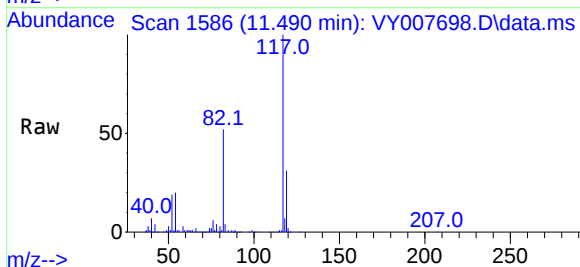
Instrument :
MSVOA_Y
ClientSampleId :



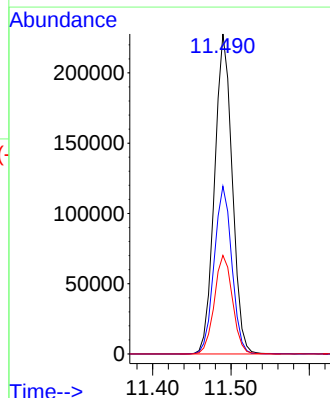
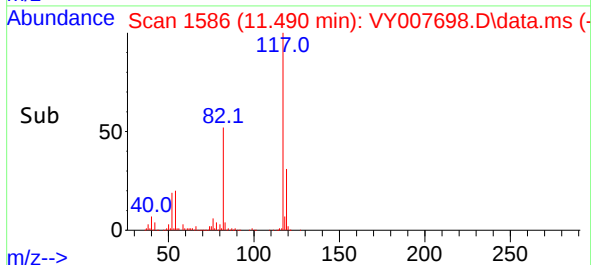
Tgt Ion: 95 Resp: 142212
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 93.9 0.0 175.8

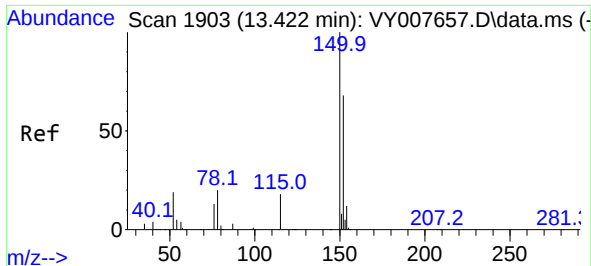


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48



Tgt Ion: 117 Resp: 356759
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 30.8 25.4 38.0



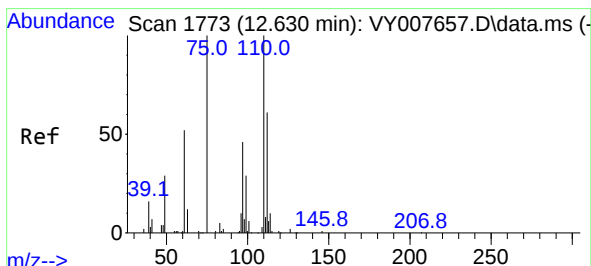
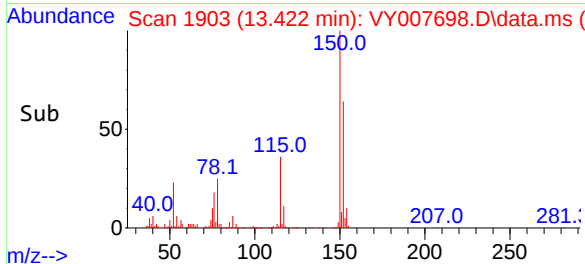
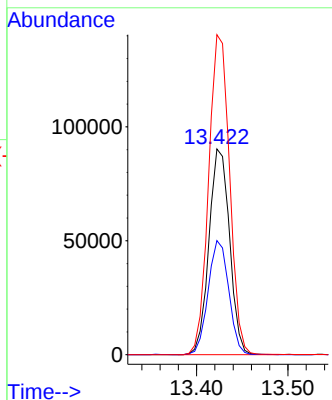
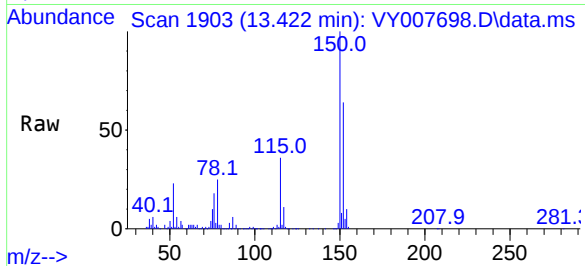


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007698.D
 Acq: 03 Mar 2022 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 141391

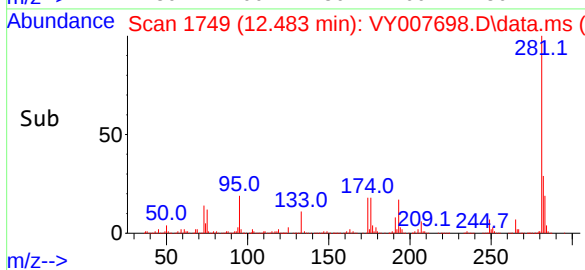
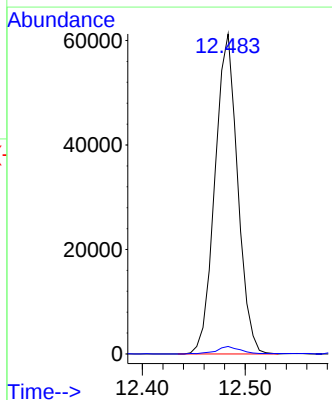
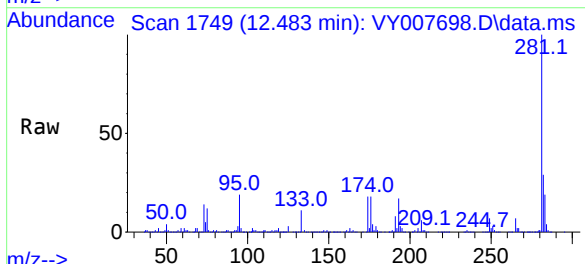
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	158.1	0.0	347.6

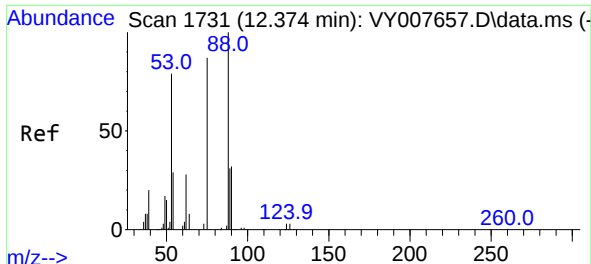


#76
 1,2,3-Trichloropropane
 Concen: 59.406 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007698.D
 Acq: 03 Mar 2022 12:48

Tgt Ion: 75 Resp: 93802

Ion	Ratio	Lower	Upper
75	100		
77	2.5	0.0	0.0#

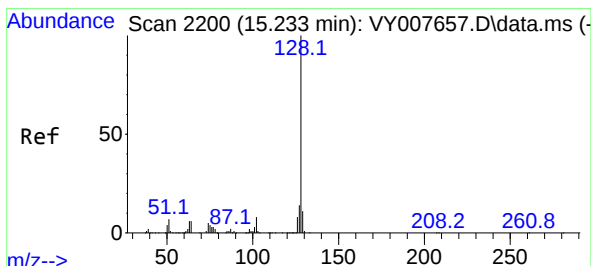
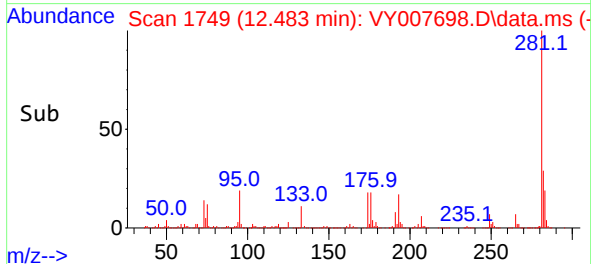
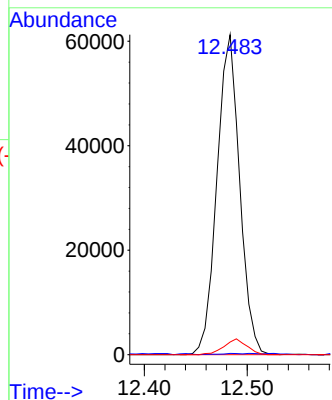
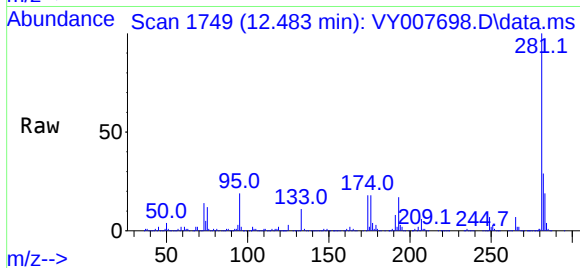




#81
trans-1,4-Dichloro-2-butene
Concen: 121.448 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 93802
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 4.9 37.0 55.4#



#95
Naphthalene
Concen: 3.527 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion:128 Resp: 20367
Ion Ratio Lower Upper
128 100
127 14.6 11.0 16.4
129 12.0 8.4 12.6

