

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007824.D
 Acq On : 10 Mar 2022 14:48
 Operator : SY/MD
 Sample : N1806-07RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-25

Quant Time: Mar 10 23:56:40 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)

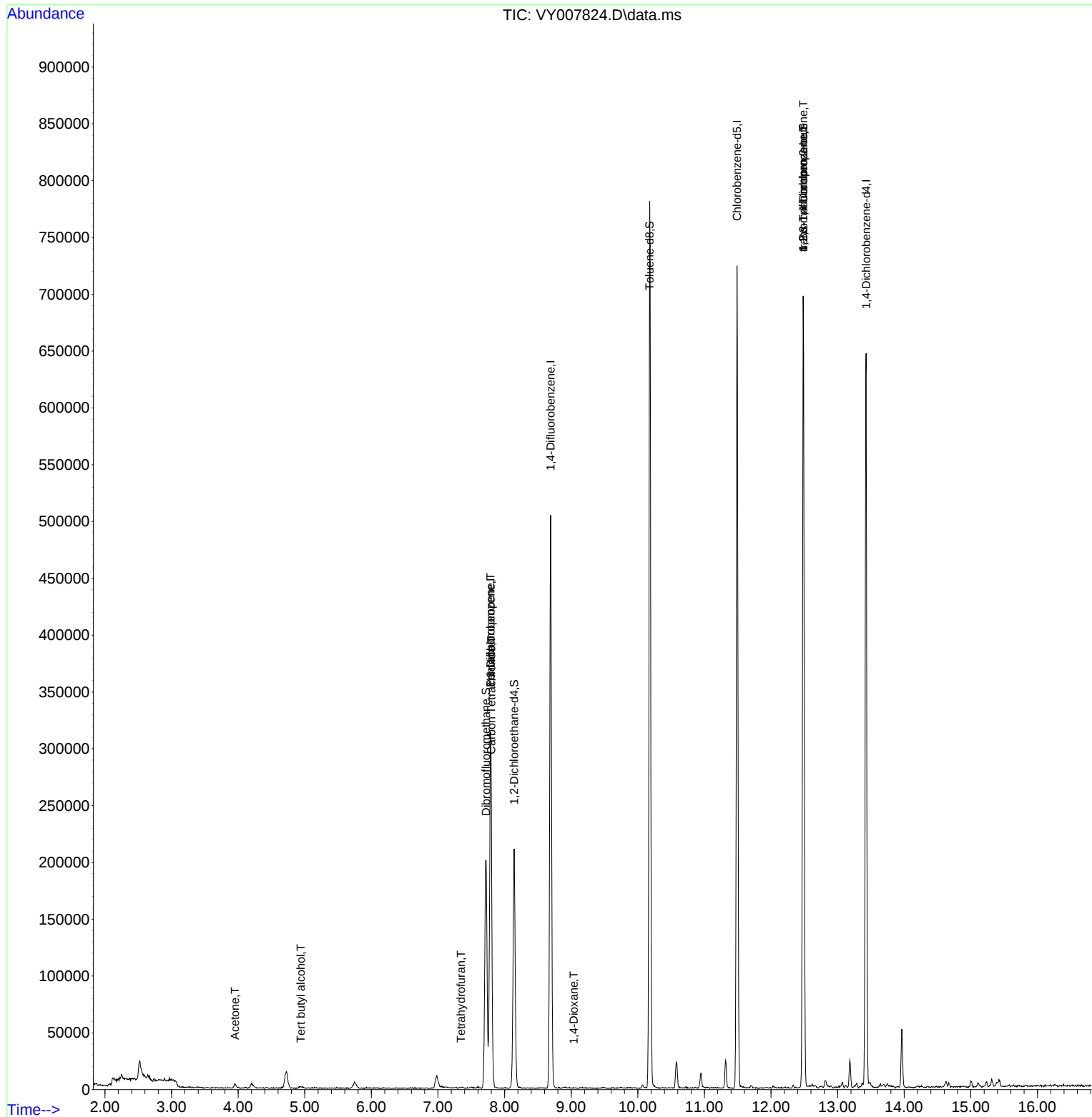
Internal Standards						
1) Pentafluorobenzene	7.789	168	238232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152585	61.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.722	113	139341	53.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.179	98	497704	51.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.483	95	146919	47.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	113	Below Cal	#	43
3) Chloromethane	2.113	50	2725	Below Cal		93
11) Tert butyl alcohol	4.942	59	821	3.802 ug/l	#	93
13) Acrolein	3.735	56	89	Below Cal	#	68
16) Acetone	3.954	43	5617	11.071 ug/l		96
17) Carbon Disulfide	4.186	76	286	Below Cal	#	75
18) Methyl Acetate	4.485	43	136	Below Cal	#	81
29) Tetrahydrofuran	7.344	42	662	1.137 ug/l	#	69
31) Cyclohexane	7.783	56	6537	Below Cal	#	62
36) 1,1-Dichloropropene	7.789	75	20659	5.020 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	24218	5.516 ug/l	#	16
49) 1,4-Dioxane	9.039	88	24	1.118 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	87031	48.473 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87031	99.097 ug/l	#	8

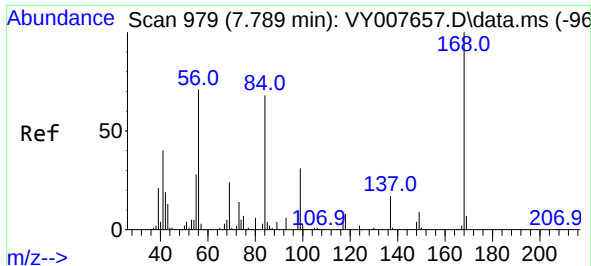
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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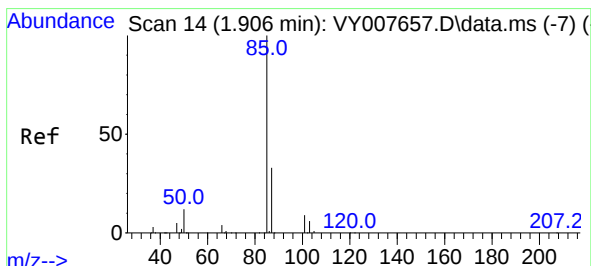
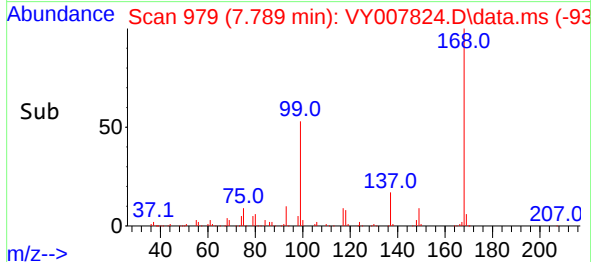
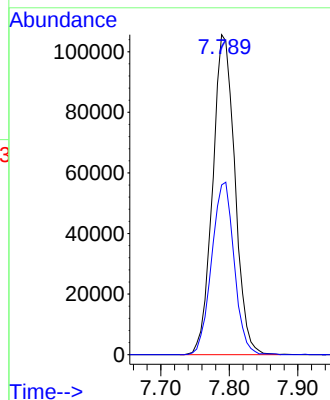
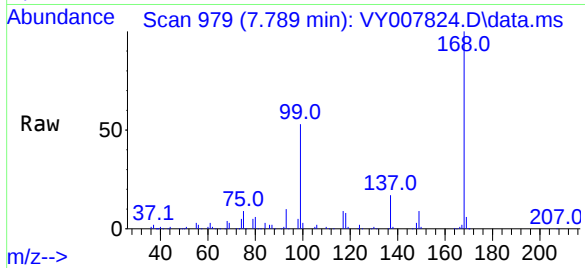




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

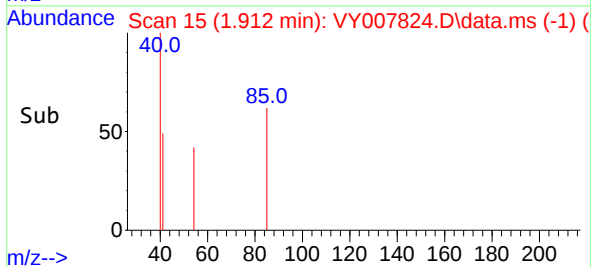
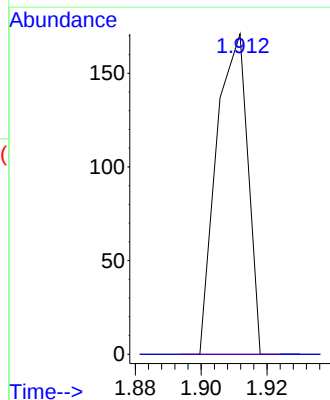
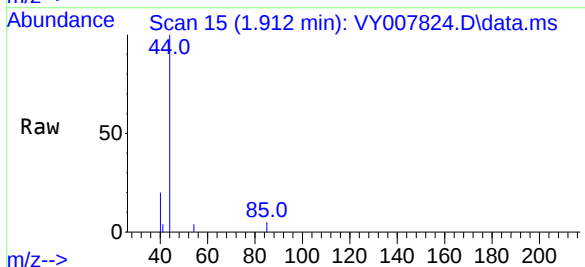
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

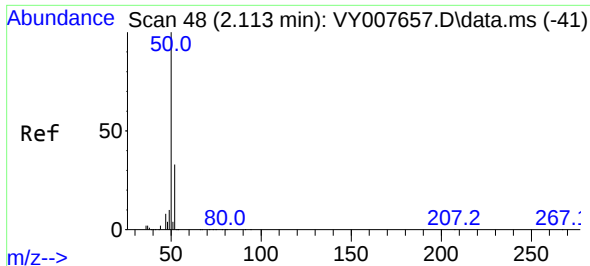
Tgt Ion:168 Resp: 238232
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 85 Resp: 113
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

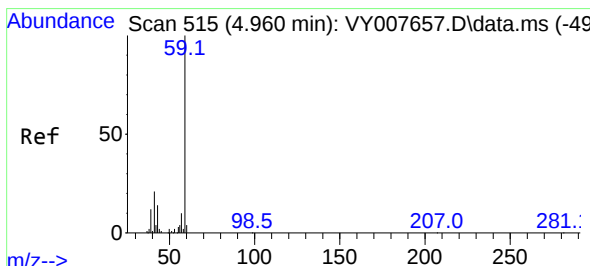
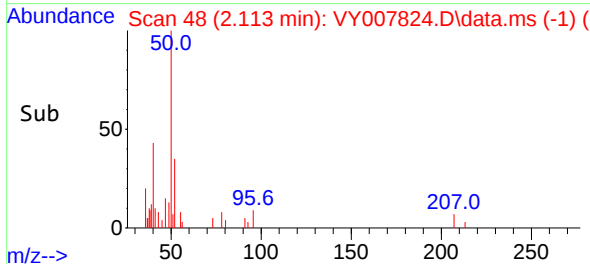
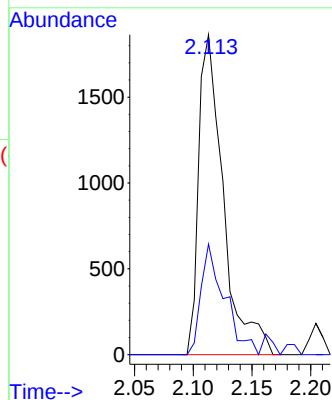
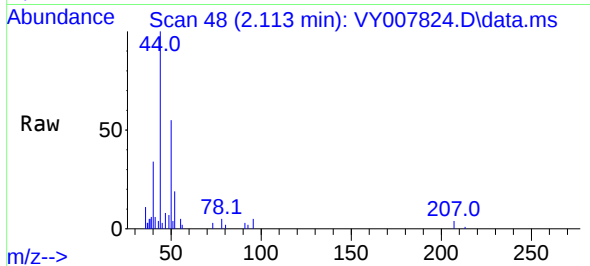




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

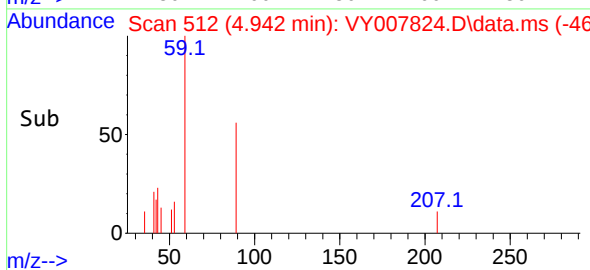
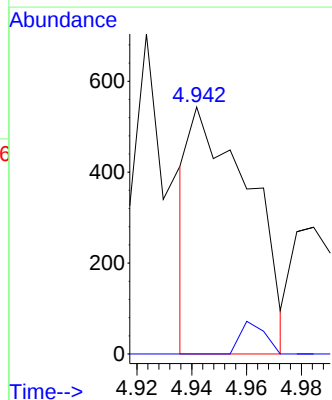
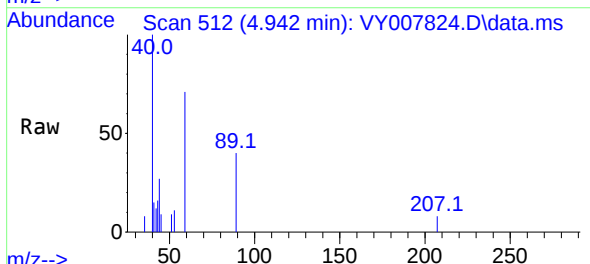
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

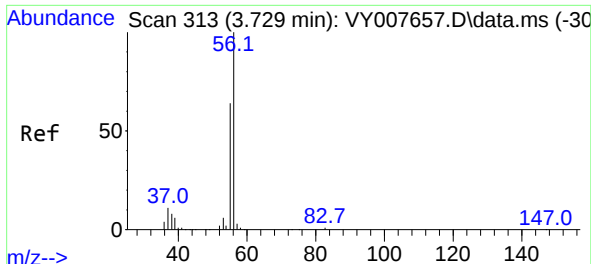
Tgt Ion: 50 Resp: 2725
Ion Ratio Lower Upper
50 100
52 34.5 24.6 37.0



#11
Tert butyl alcohol
Concen: 3.802 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 59 Resp: 821
Ion Ratio Lower Upper
59 100
57 5.5 6.4 9.6#

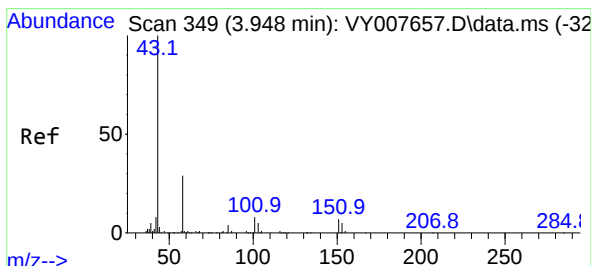
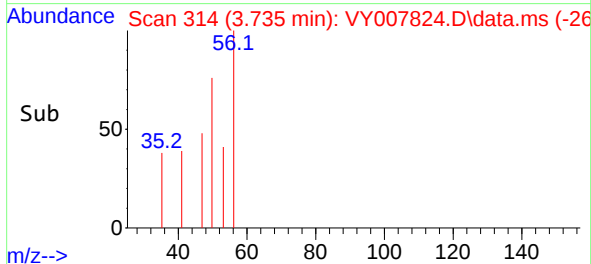
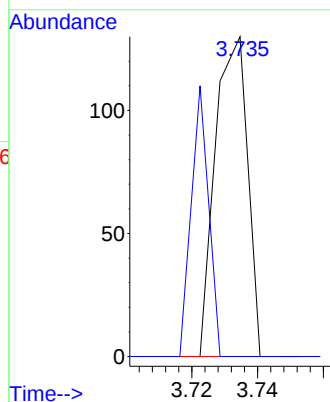
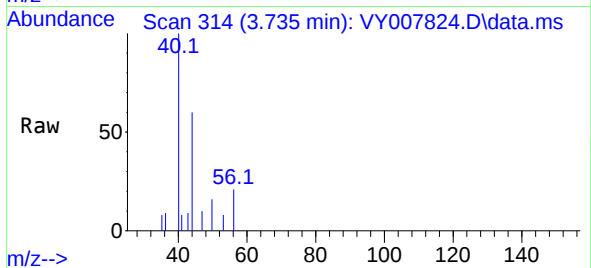




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

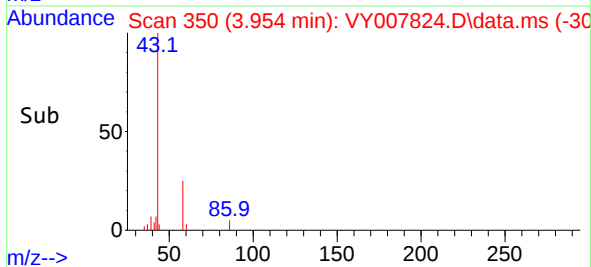
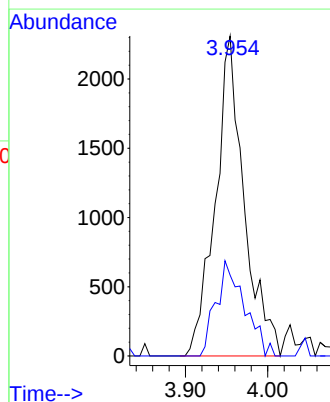
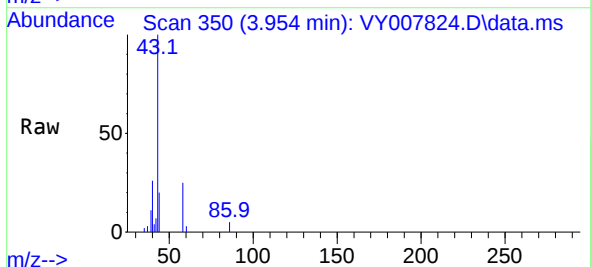
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

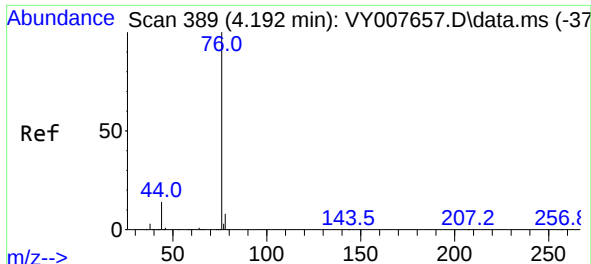
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 44.9 57.6 86.4#



#16
Acetone
Concen: 11.071 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 43 Resp: 5617
Ion Ratio Lower Upper
43 100
58 25.3 22.0 33.0

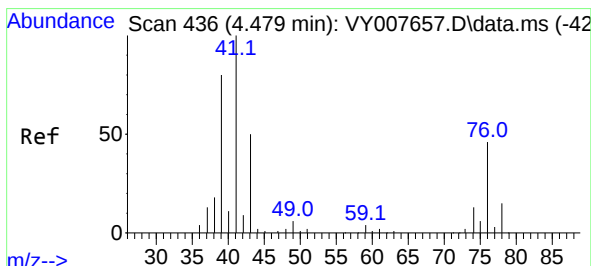
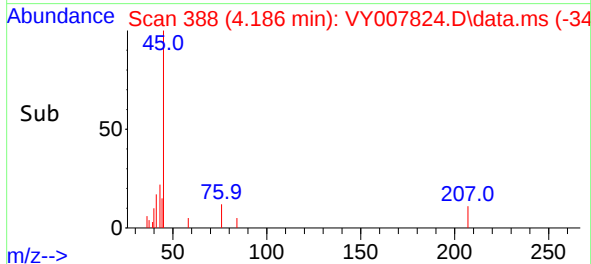
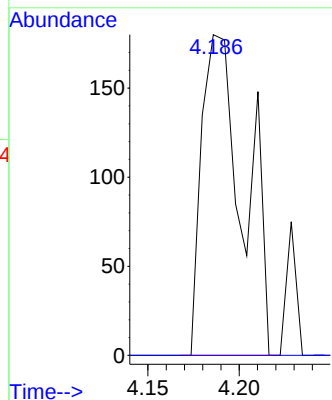
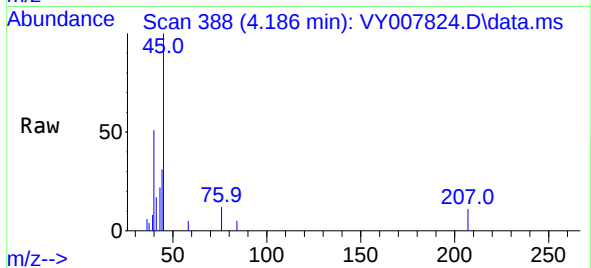




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

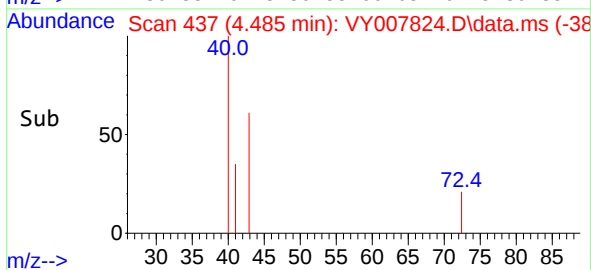
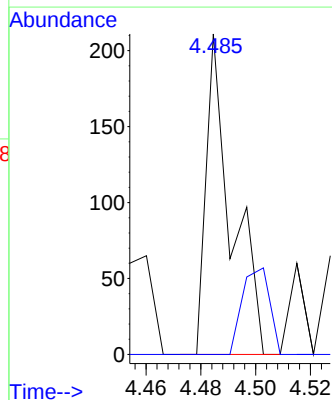
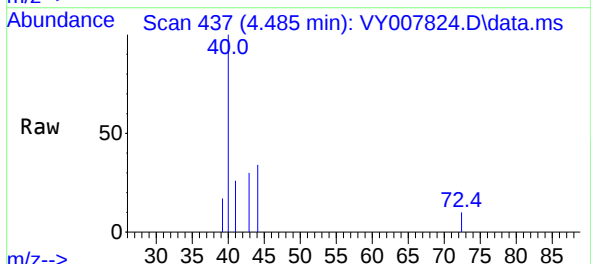
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

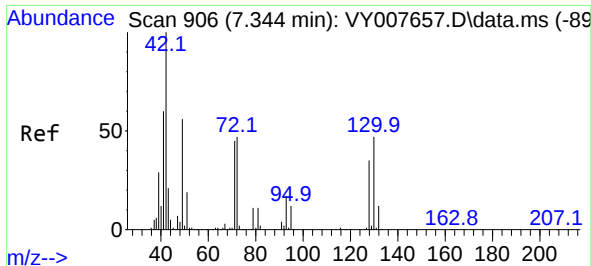
Tgt Ion: 76 Resp: 286
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 29.4 16.6 24.8#

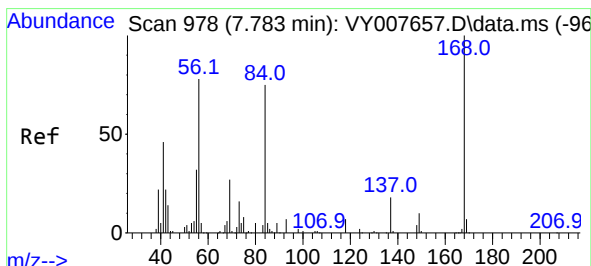
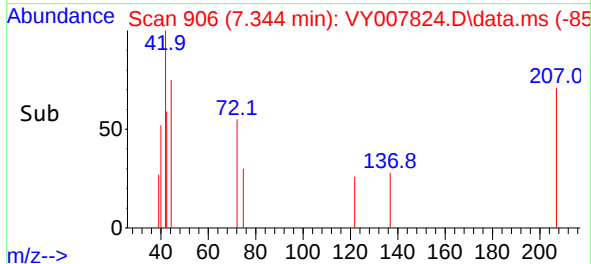
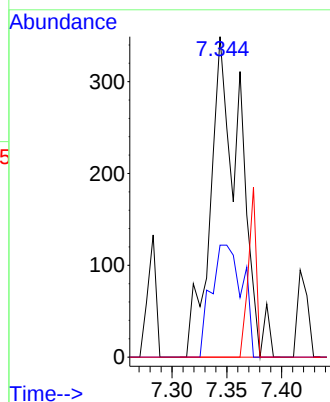
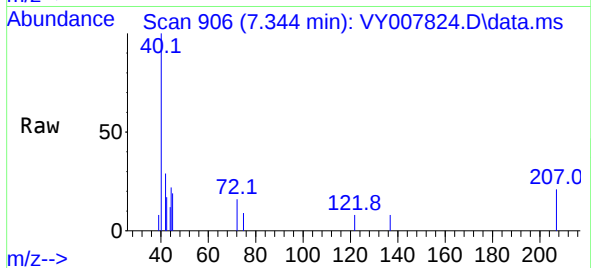




#29
Tetrahydrofuran
Concen: 1.137 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

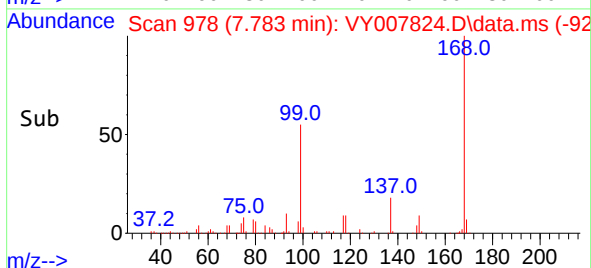
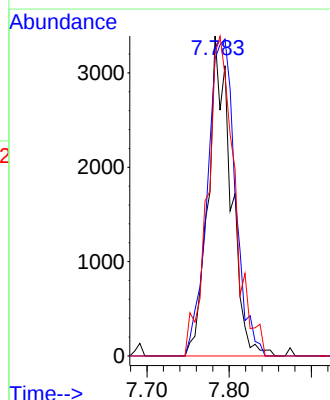
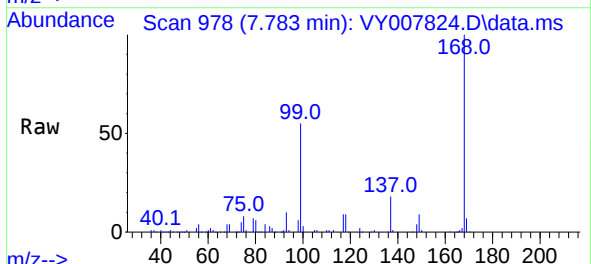
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

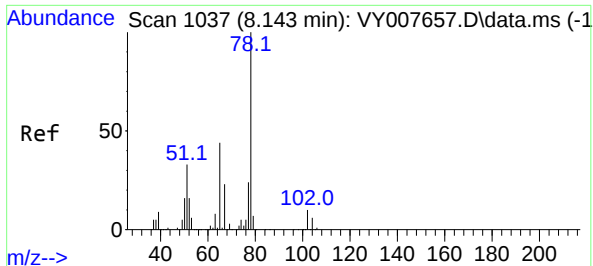
Tgt Ion:	42	Resp:	662
Ion	Ratio	Lower	Upper
42	100		
72	36.4	30.3	45.5
71	0.0	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion:	56	Resp:	6537
Ion	Ratio	Lower	Upper
56	100		
69	92.9	26.7	40.1#
84	94.4	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 61.179 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007824.D

Acq: 10 Mar 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

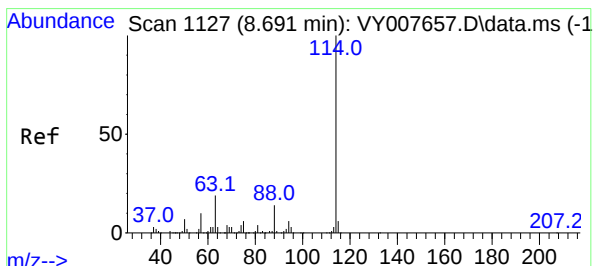
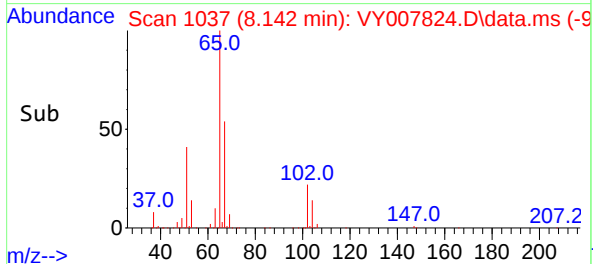
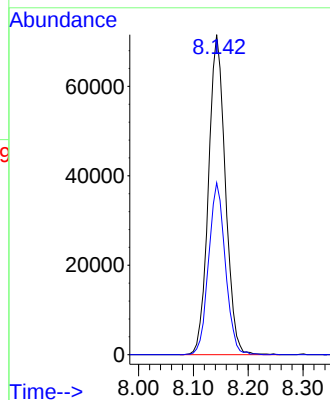
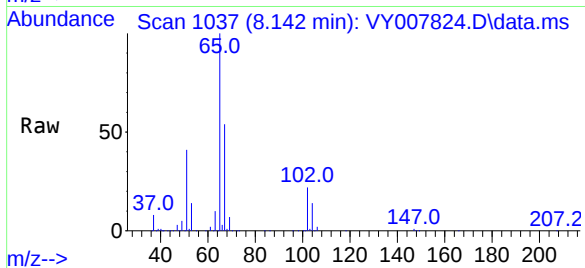
DUM-25

Tgt Ion: 65 Resp: 152585

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: VY007824.D

Acq: 10 Mar 2022 14:48

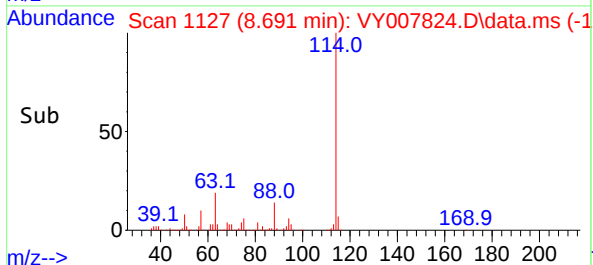
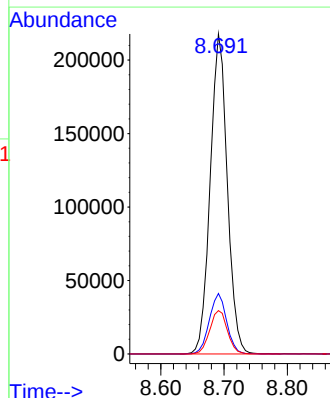
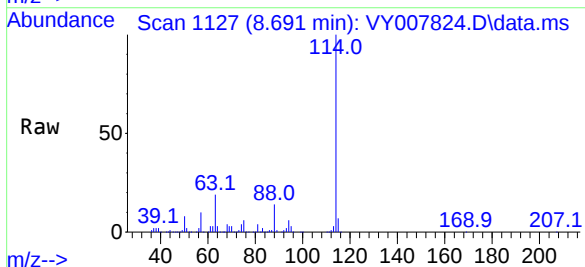
Tgt Ion: 114 Resp: 409225

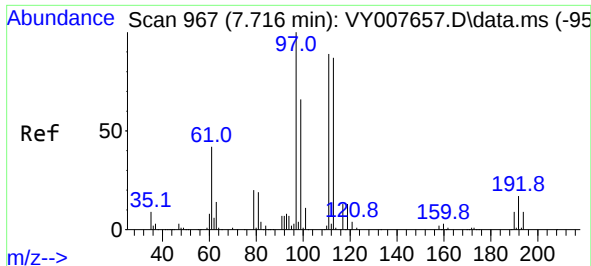
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.6 0.0 31.8

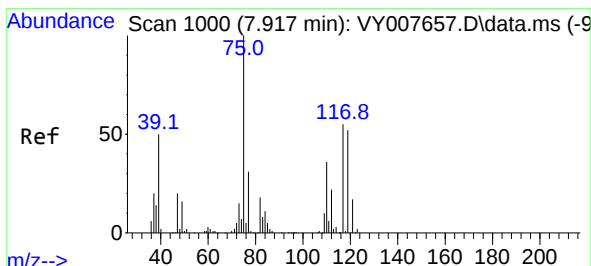
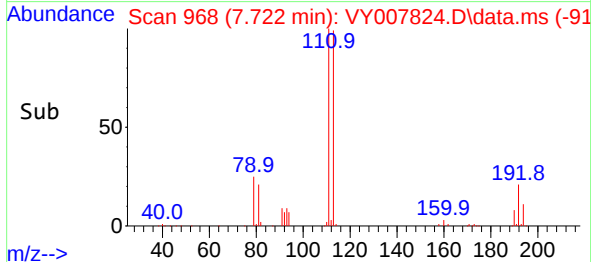
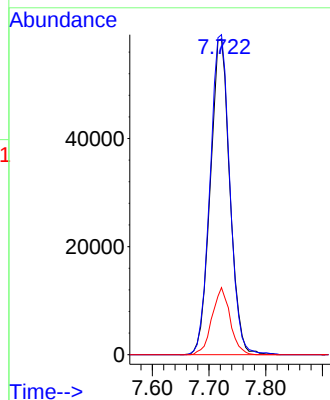
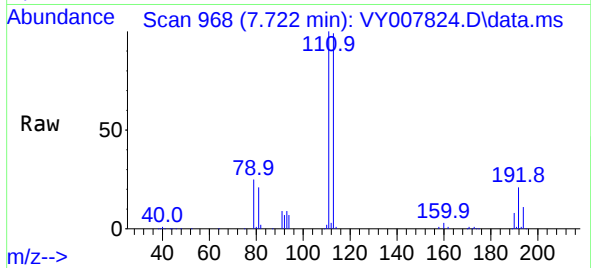




#35
Dibromofluoromethane
Concen: 53.259 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

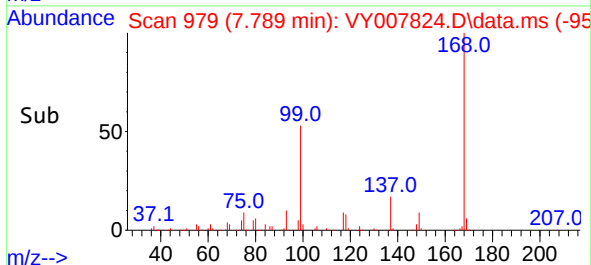
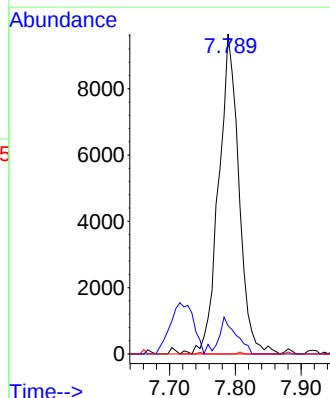
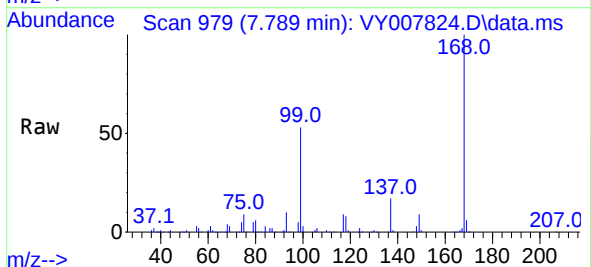
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

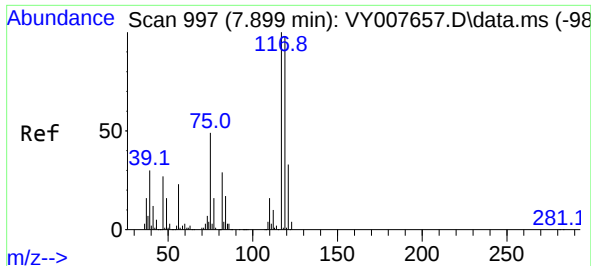
Tgt Ion:113 Resp: 139341
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

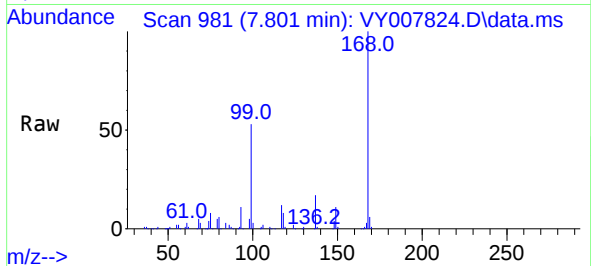
Tgt Ion: 75 Resp: 20659
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



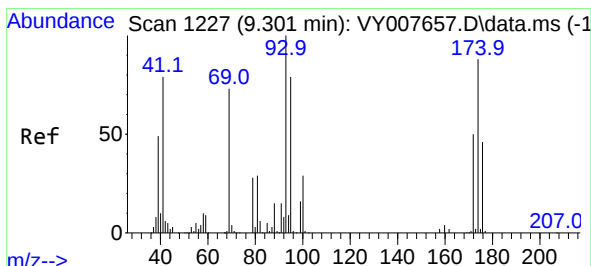
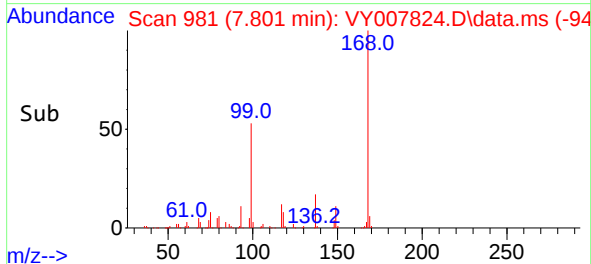
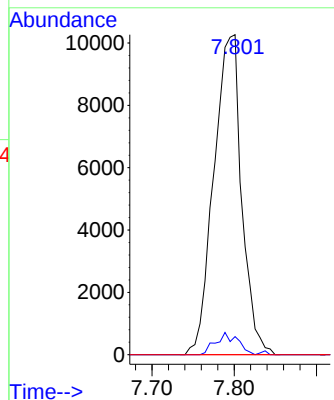


#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

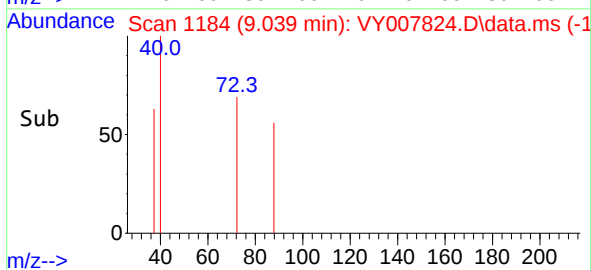
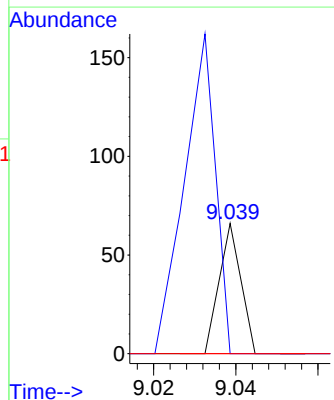
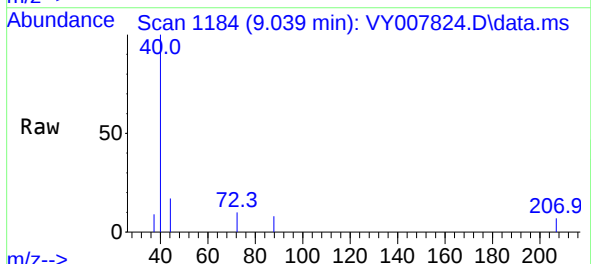


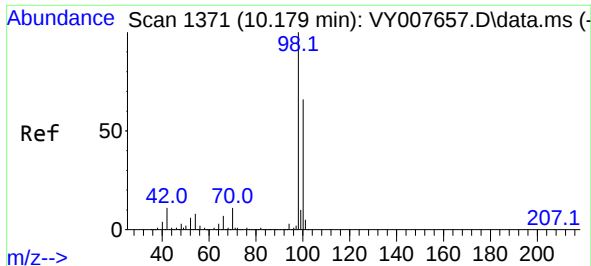
Tgt Ion: 117 Resp: 24218
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 1.118 ug/l
RT: 9.039 min Scan# 1184
Delta R.T. -0.262 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 354.2 32.8 49.2#
58 0.0 59.8 89.6#

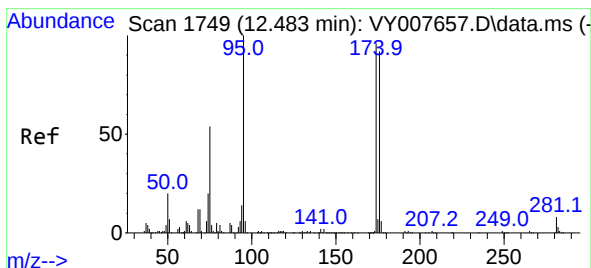
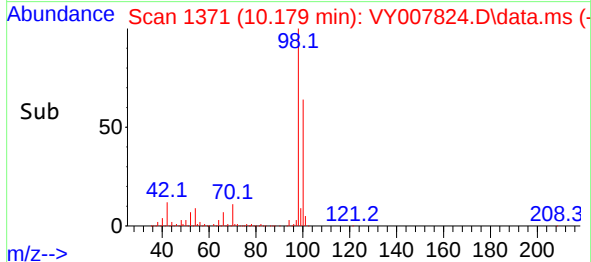
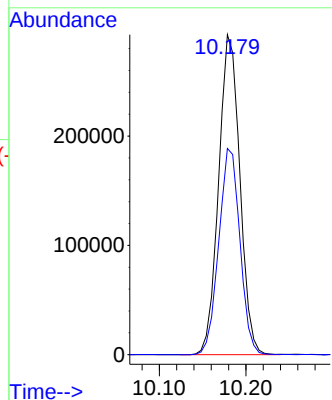
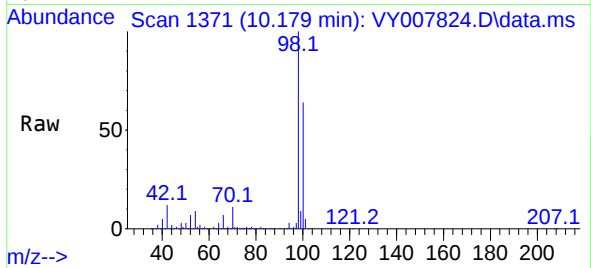




#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

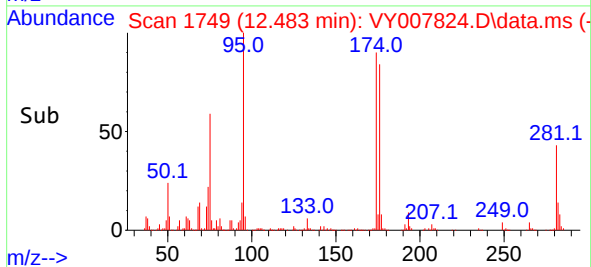
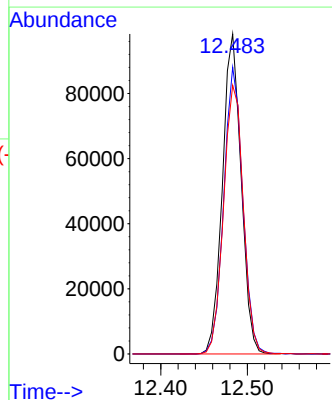
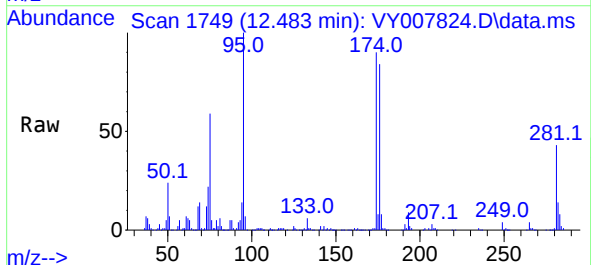
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

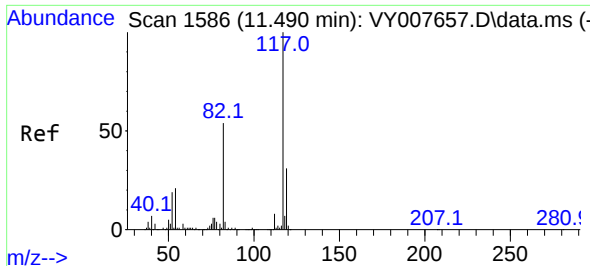
Tgt Ion: 98 Resp: 497704
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 95 Resp: 146919
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.9 0.0 175.8

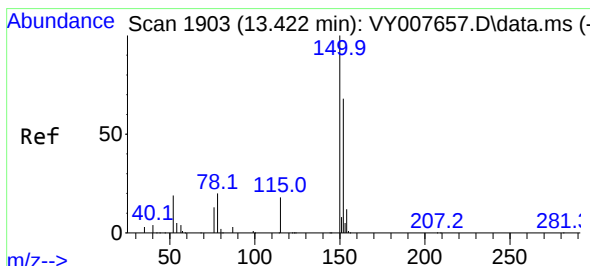
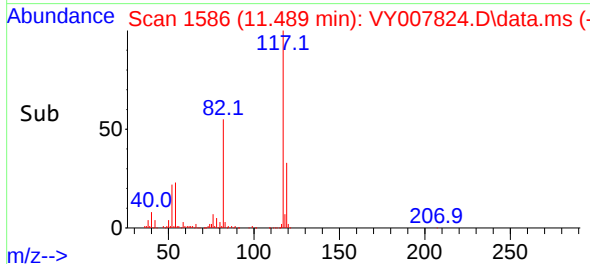
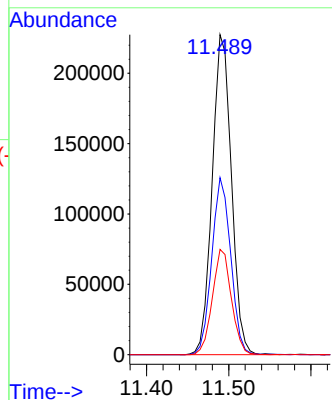
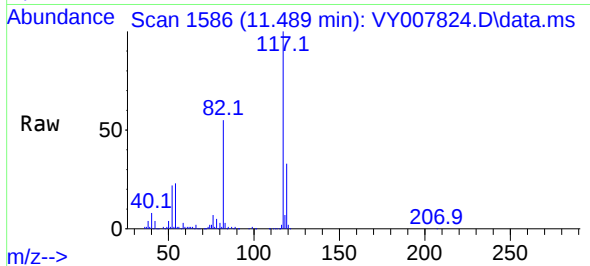




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

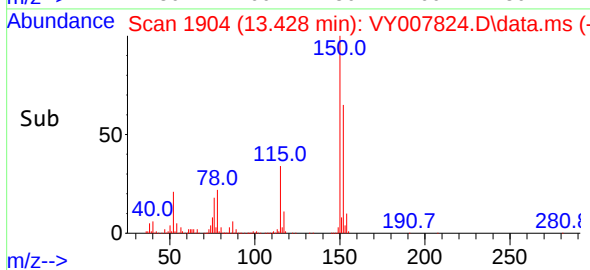
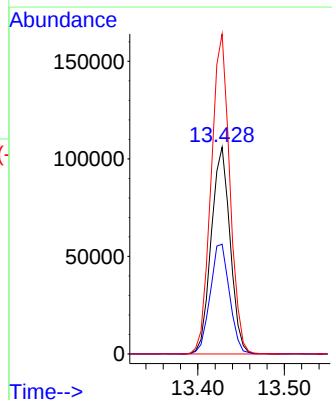
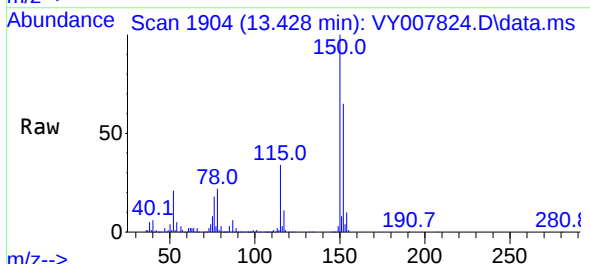
Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

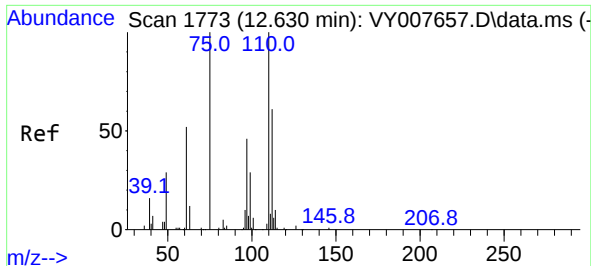
Tgt Ion:117 Resp: 369072
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion:152 Resp: 160773
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 153.0 0.0 347.6

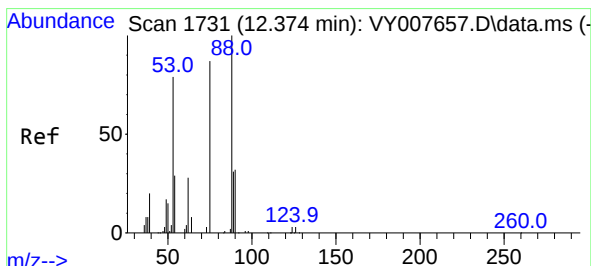
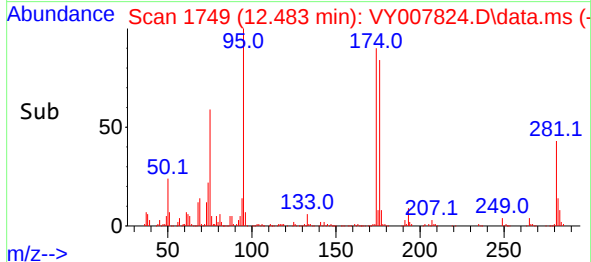
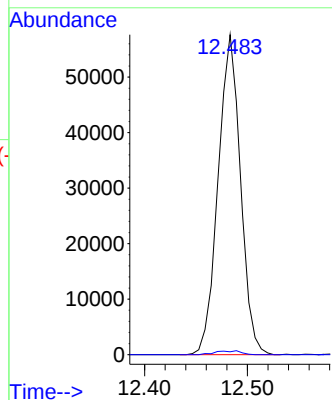
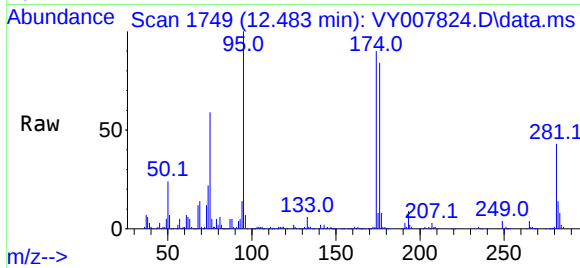




#76
1,2,3-Trichloropropane
Concen: 48.473 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
DUM-25

Tgt Ion: 75 Resp: 87031
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007824.D
Acq: 10 Mar 2022 14:48

Tgt Ion: 75 Resp: 87031
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.9 37.0 55.4#

