

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007703.D
 Acq On : 03 Mar 2022 14:45
 Operator : SY/MD
 Sample : N1751-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-13

Quant Time: Mar 04 00:41:34 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)

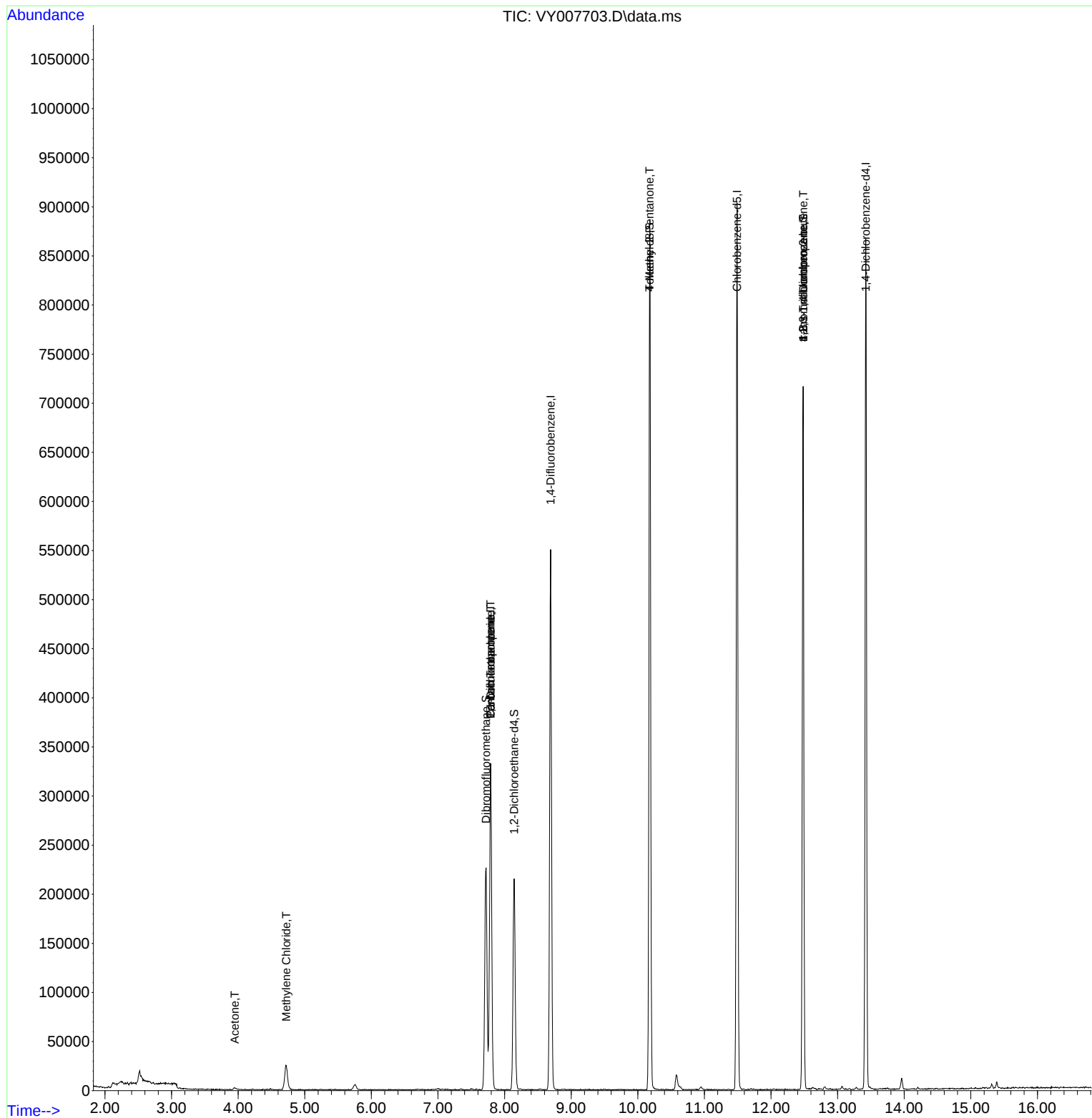
Internal Standards						
1) Pentafluorobenzene	7.789	168	254958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	465233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	164389	61.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.180%			
35) Dibromofluoromethane	7.722	113	156142	52.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.000%			
50) Toluene-d8	10.179	98	585128	53.442	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.483	95	192618	54.577	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.160%			
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	334	Below Cal	#	43
3) Chloromethane	2.113	50	1950	Below Cal		95
13) Acrolein	3.735	56	22	Below Cal	#	77
16) Acetone	3.948	43	3548	6.534	ug/l	96
17) Carbon Disulfide	4.210	76	41	Below Cal	#	75
18) Methyl Acetate	4.485	43	828	Below Cal	#	91
20) Methylene Chloride	4.722	84	18443	2.988	ug/l	88
31) Cyclohexane	7.789	56	6271	Below Cal	#	27
36) 1,1-Dichloropropene	7.789	75	20812	4.448	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24542	4.917	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2754	1.077	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	109998	44.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109998	91.921	ug/l #	7

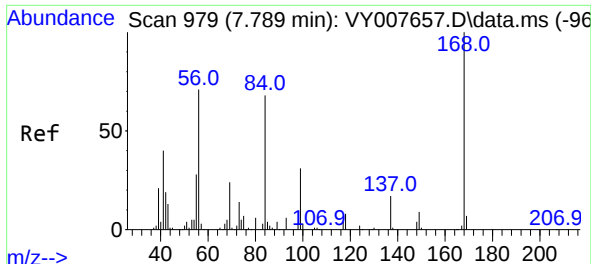
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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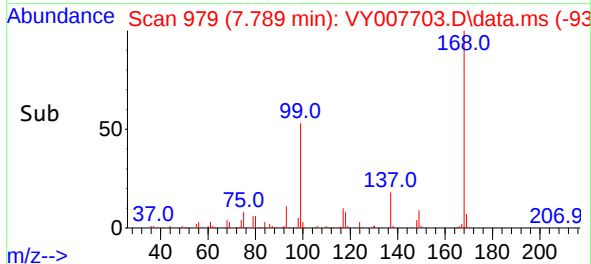
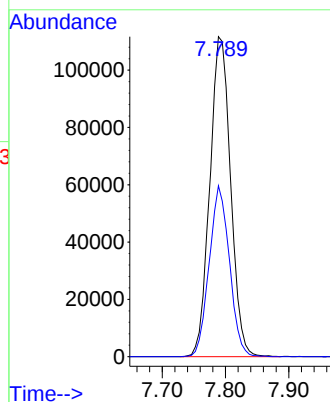
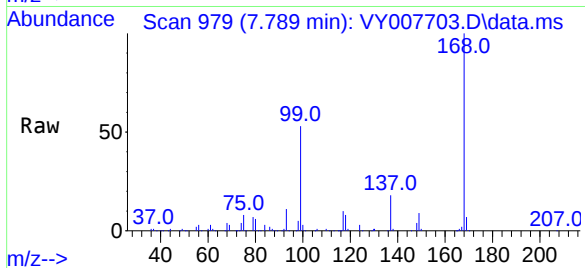




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

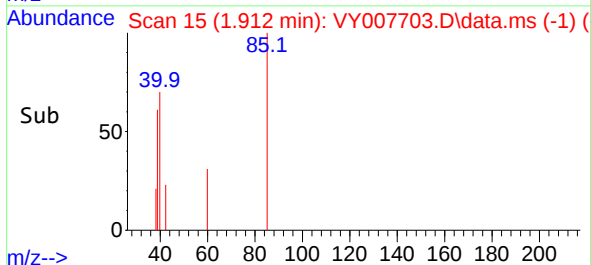
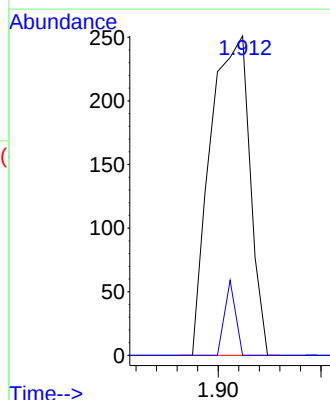
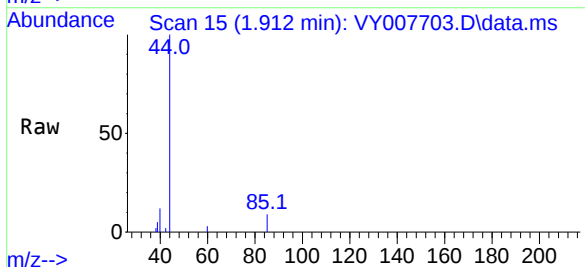
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

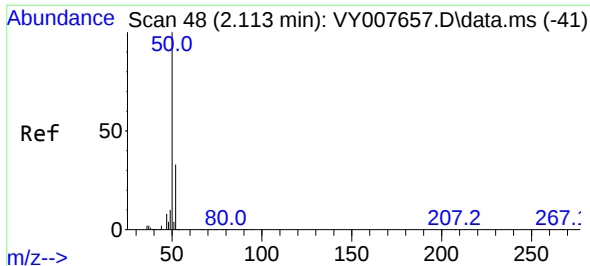
Tgt Ion:168 Resp: 254958
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 85 Resp: 334
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

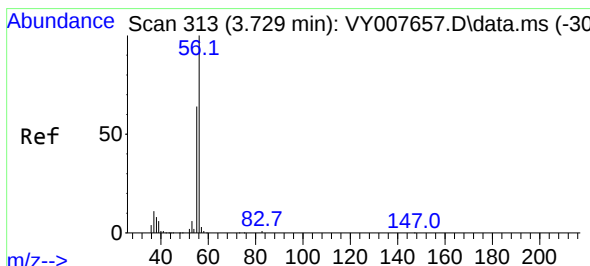
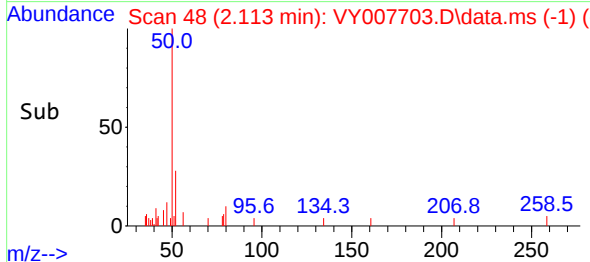
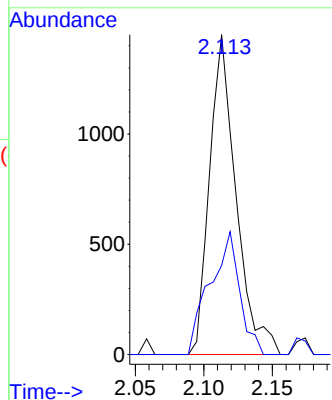
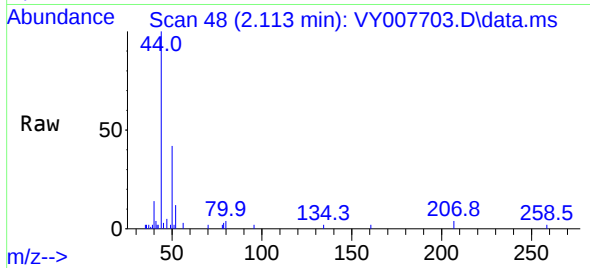




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

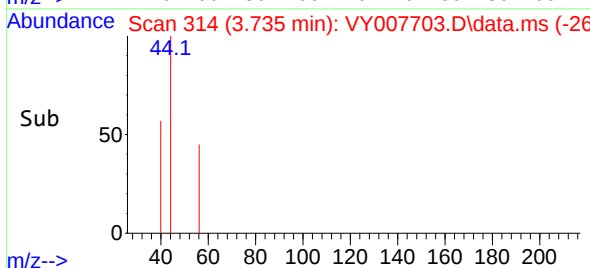
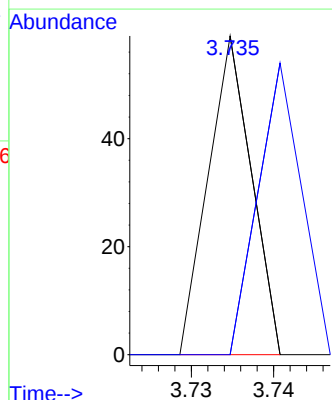
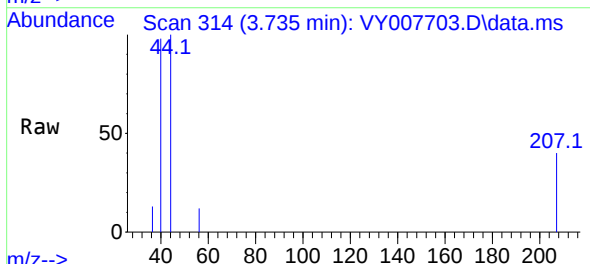
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

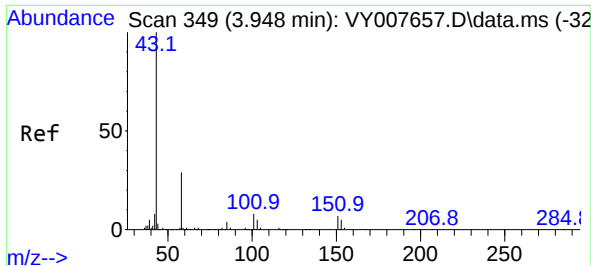
Tgt Ion: 50 Resp: 1950
Ion Ratio Lower Upper
50 100
52 27.9 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 90.9 57.6 86.4#

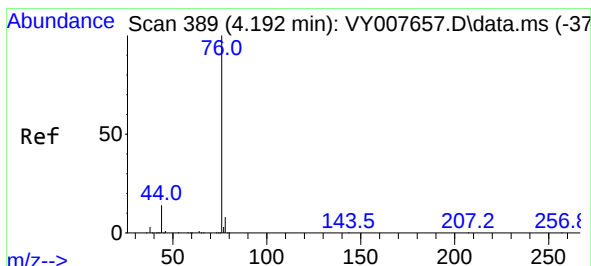
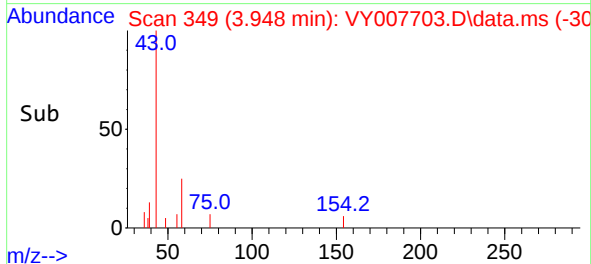
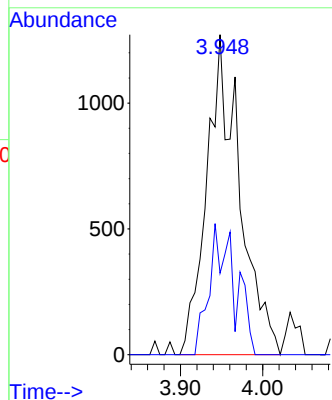
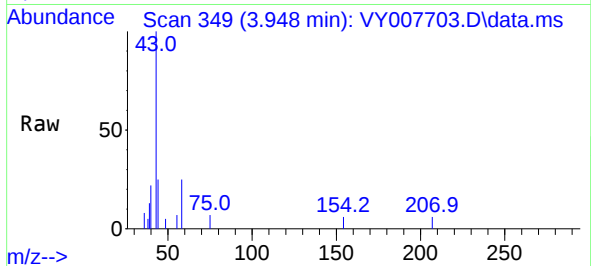




#16
Acetone
Concen: 6.534 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

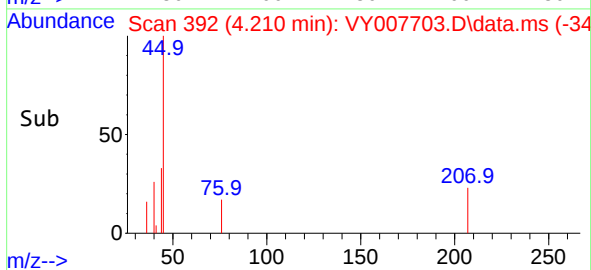
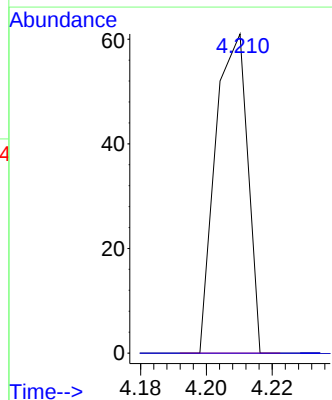
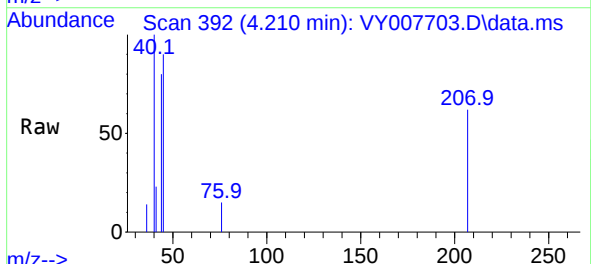
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

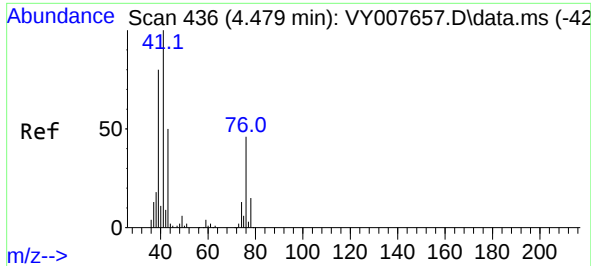
Tgt Ion: 43 Resp: 3548
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 76 Resp: 41
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007703.D

Acq: 03 Mar 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

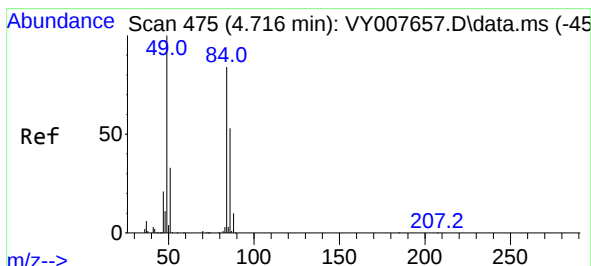
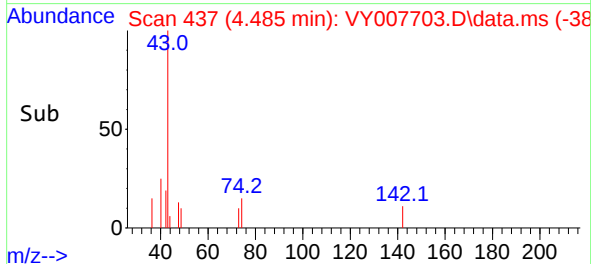
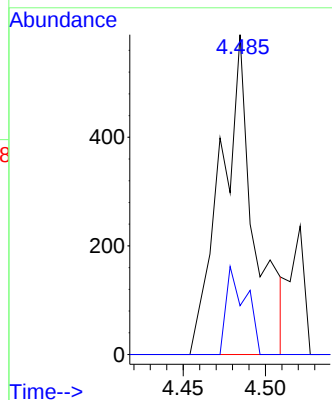
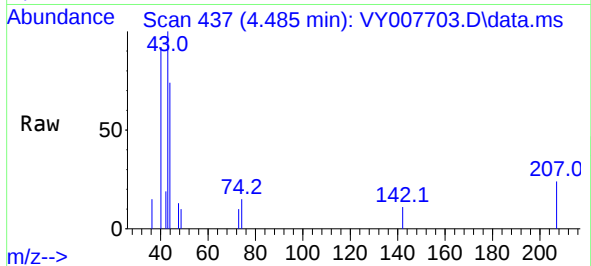
DUM-13

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

74 16.3 16.6 24.8#



#20

Methylene Chloride

Concen: 2.988 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007703.D

Acq: 03 Mar 2022 14:45

Tgt Ion: 84 Resp: 18443

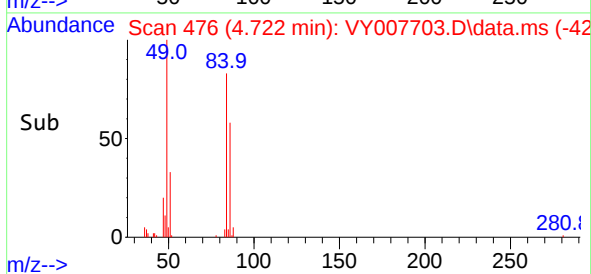
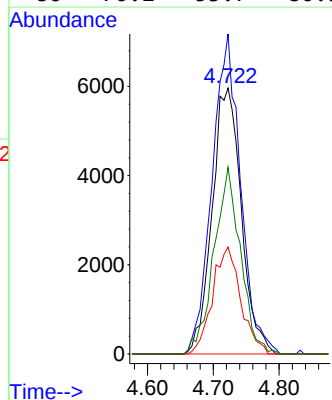
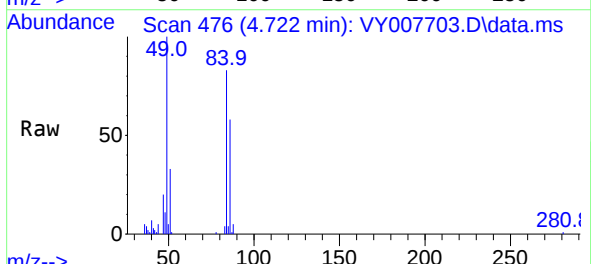
Ion Ratio Lower Upper

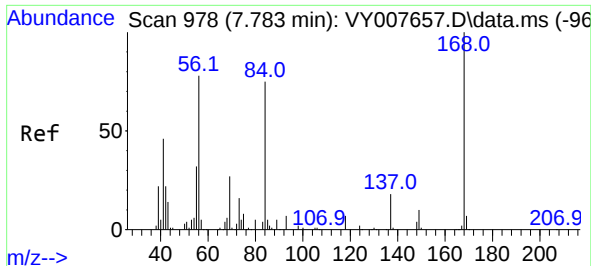
84 100

49 120.3 114.4 171.6

51 40.2 35.3 52.9

86 70.2 53.7 80.5

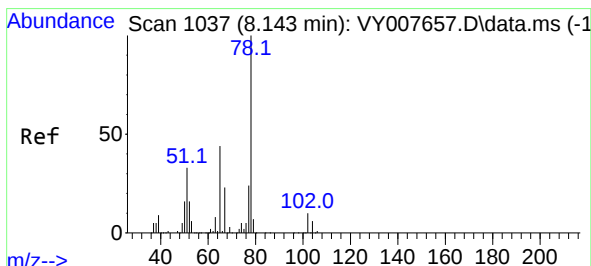
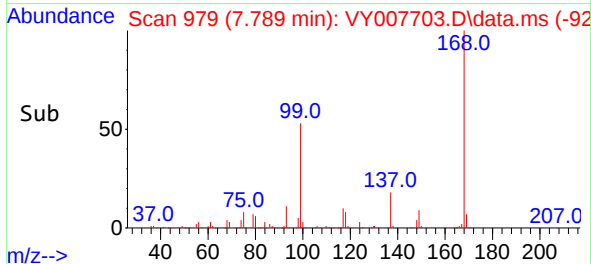
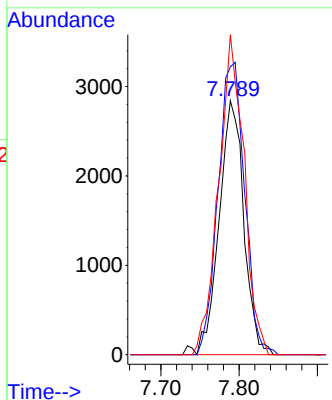
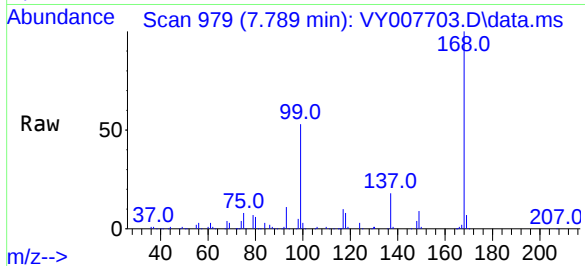




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

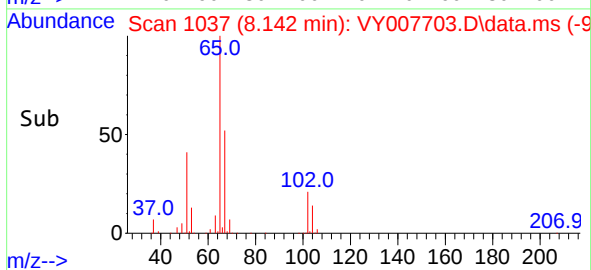
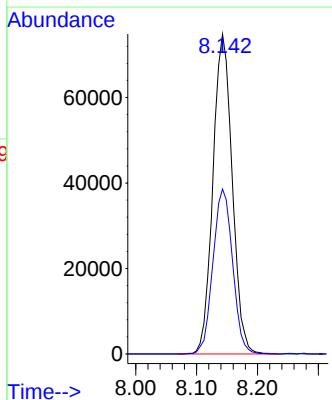
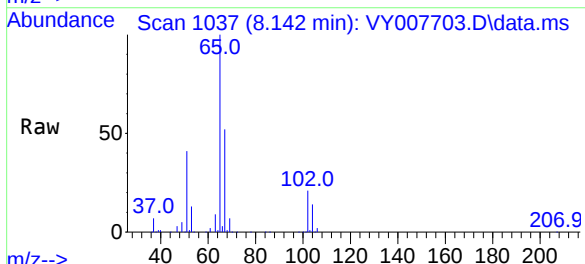
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

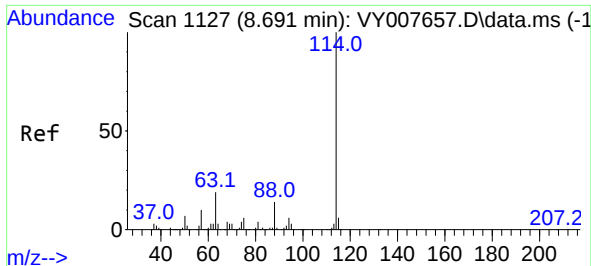
Tgt Ion: 56 Resp: 6271
Ion Ratio Lower Upper
56 100
69 113.4 26.7 40.1#
84 126.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.588 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 65 Resp: 164389
Ion Ratio Lower Upper
65 100
67 52.4 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: VY007703.D

Acq: 03 Mar 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

DUM-13

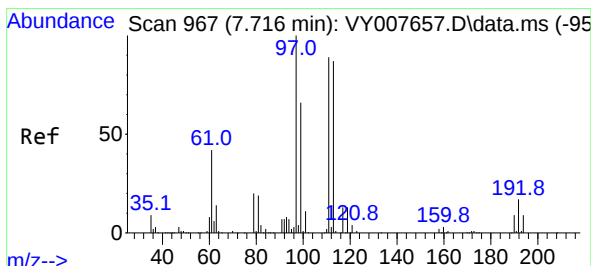
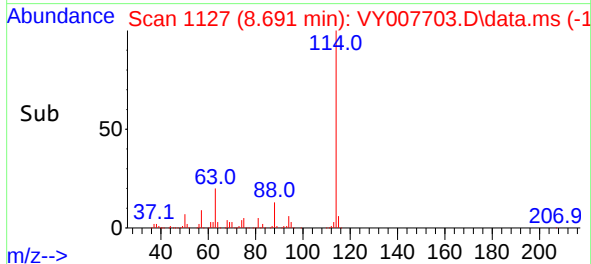
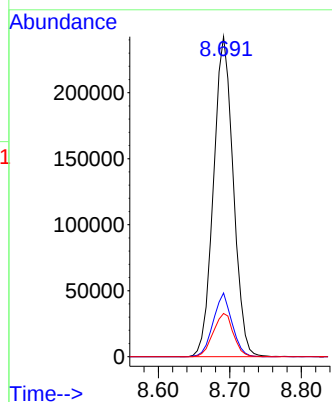
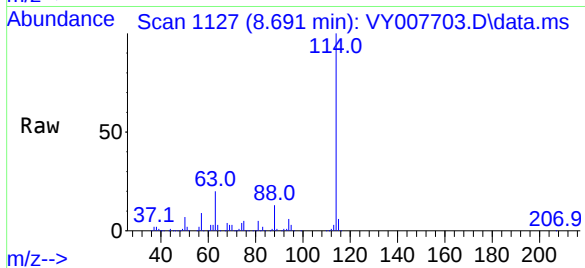
Tgt Ion:114 Resp: 465233

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.496 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007703.D

Acq: 03 Mar 2022 14:45

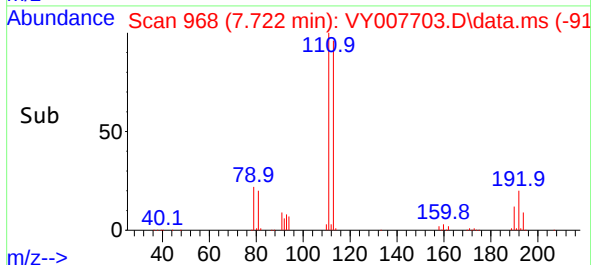
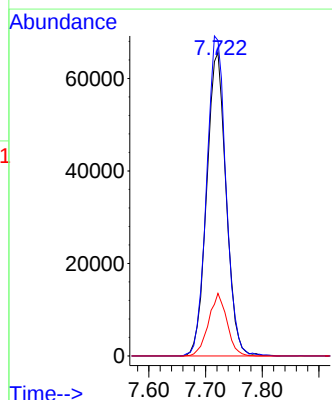
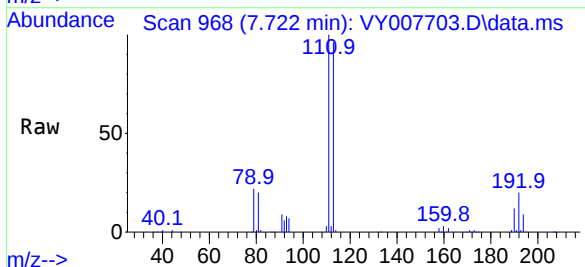
Tgt Ion:113 Resp: 156142

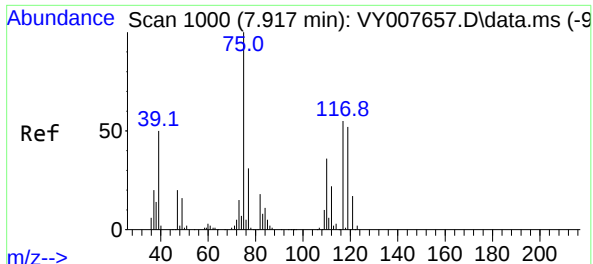
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 19.5 17.6 26.4

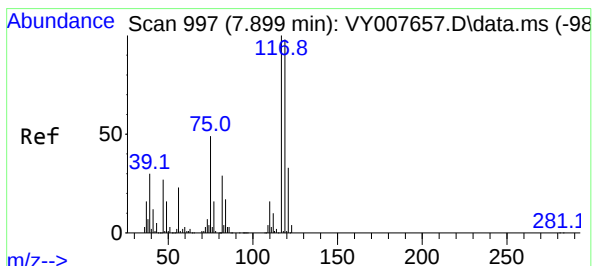
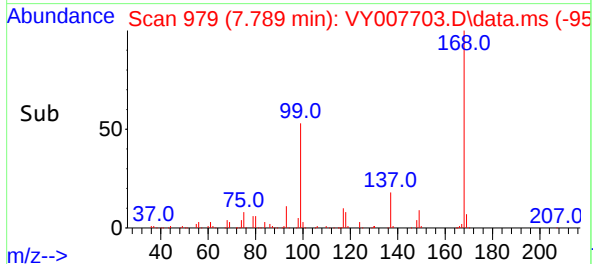
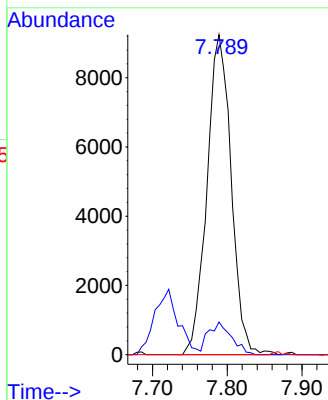
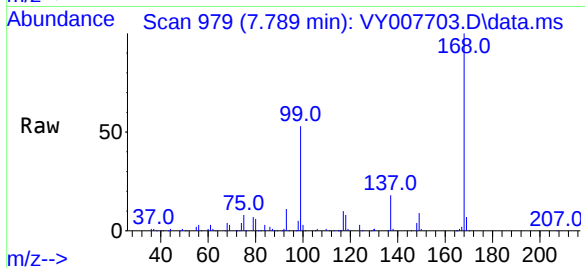




#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

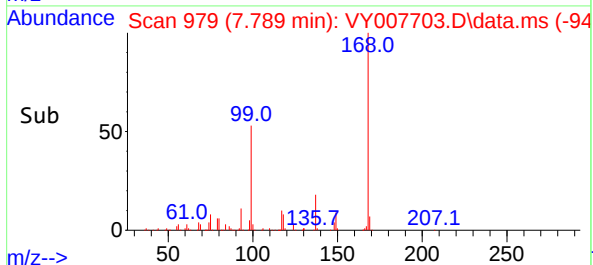
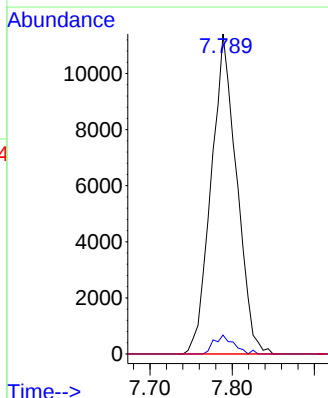
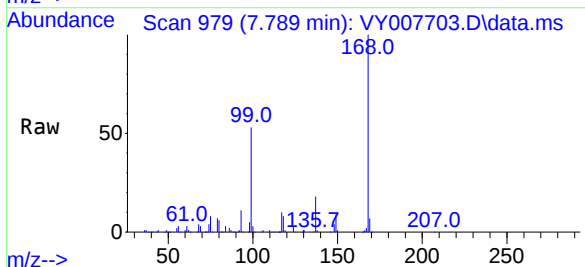
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

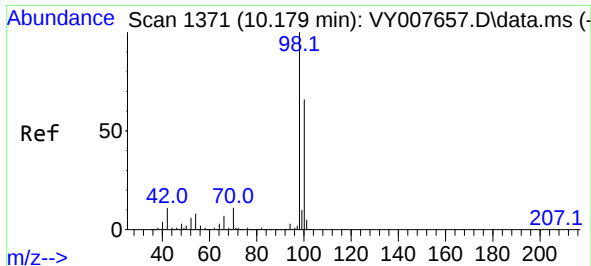
Tgt Ion: 75 Resp: 20812
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 117 Resp: 24542
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

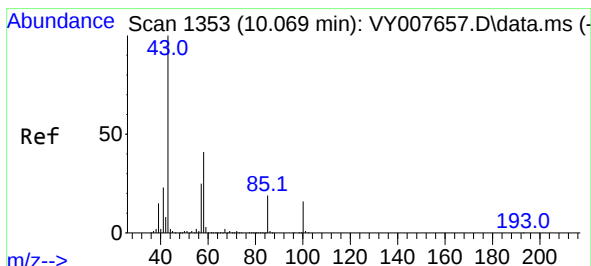
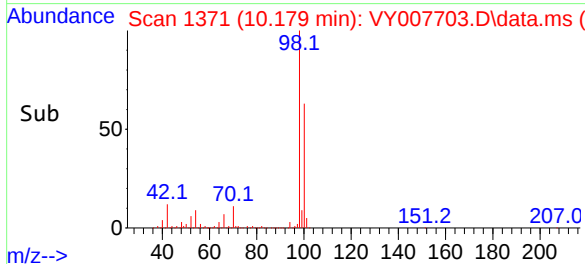
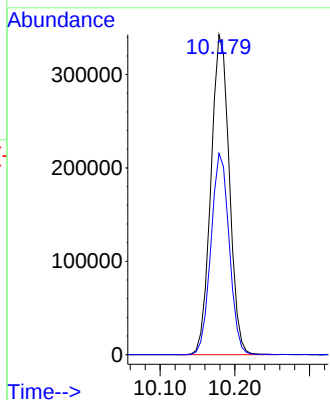
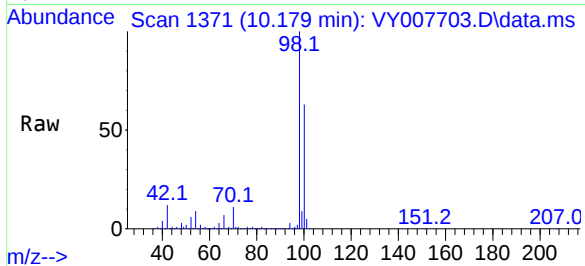




#50
Toluene-d8
Concen: 53.442 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

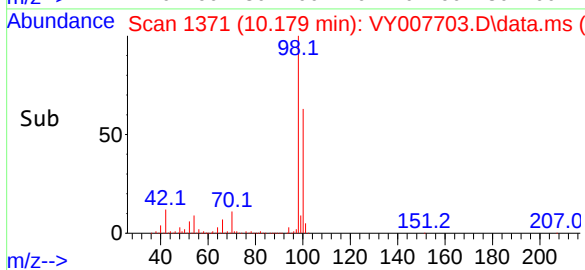
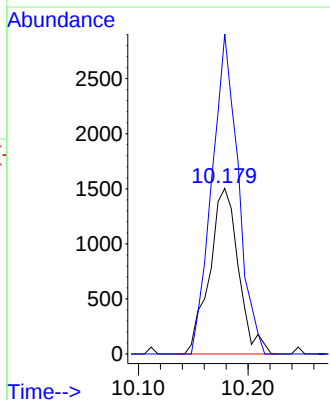
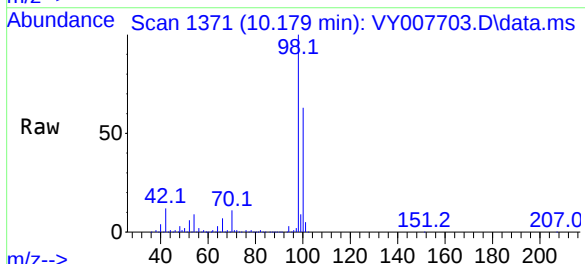
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

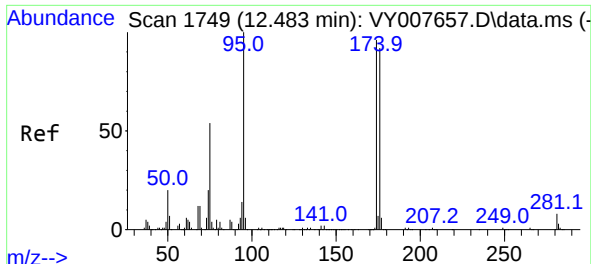
Tgt Ion: 98 Resp: 585128
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 43 Resp: 2754
Ion Ratio Lower Upper
43 100
58 175.6 28.1 42.1#

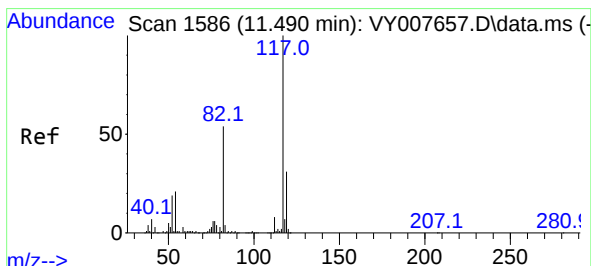
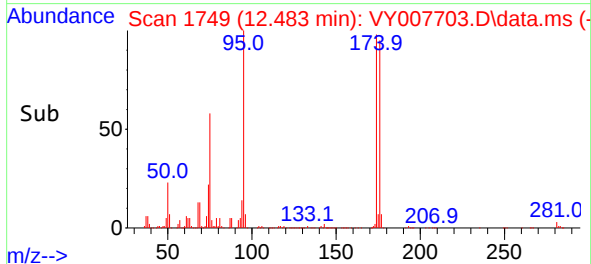
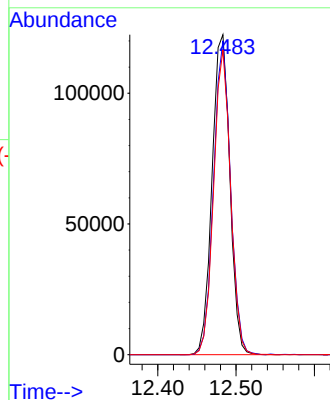
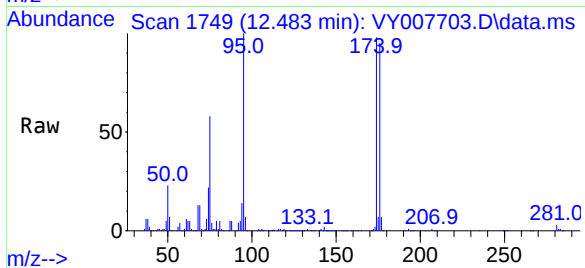




#62
4-Bromofluorobenzene
Concen: 54.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

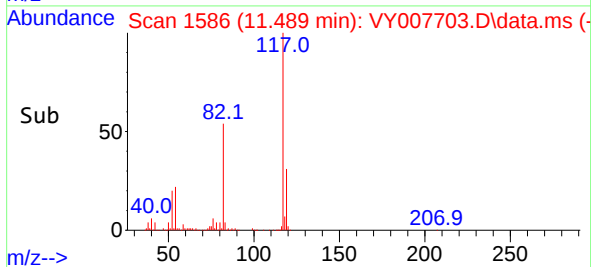
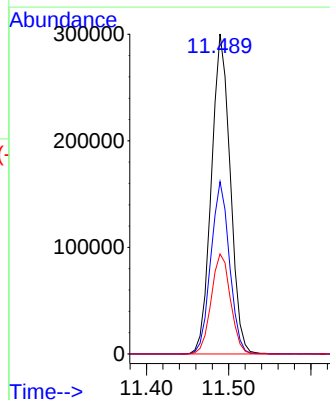
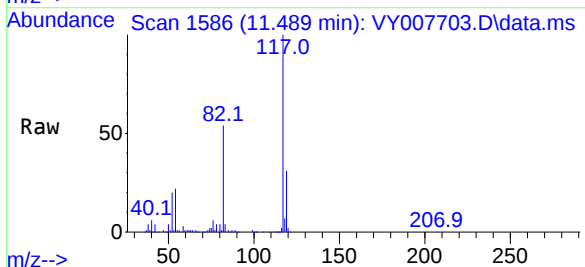
Instrument :
MSVOA_Y
ClientSampleId :
DUM-13

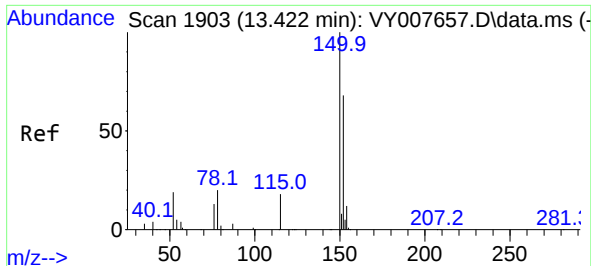
Tgt Ion: 95 Resp: 192618
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 90.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007703.D
Acq: 03 Mar 2022 14:45

Tgt Ion: 117 Resp: 477371
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.3 25.4 38.0



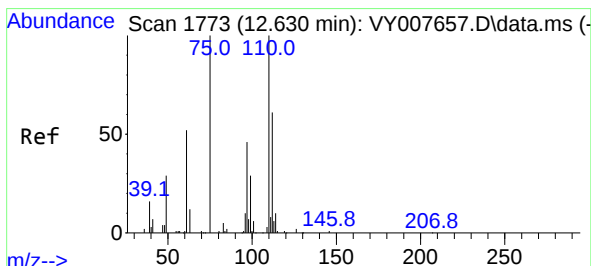
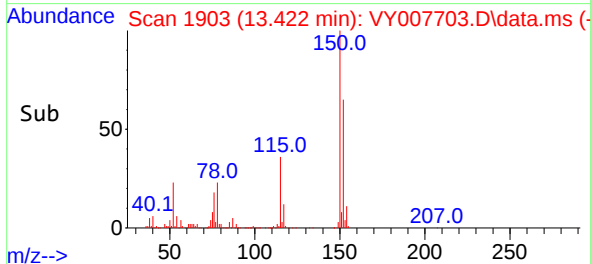
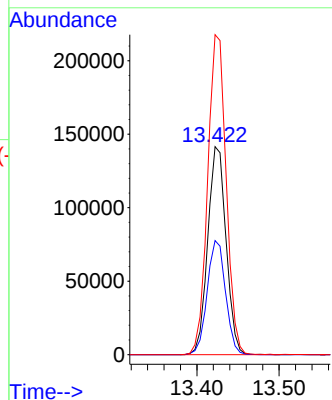
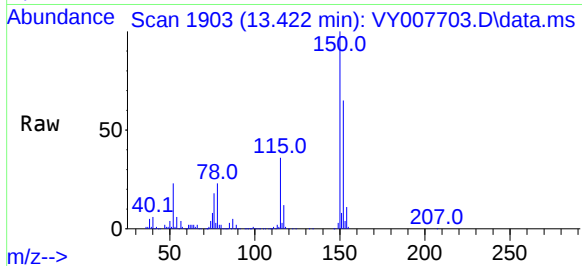


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007703.D
 Acq: 03 Mar 2022 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-13

Tgt Ion:152 Resp: 219063

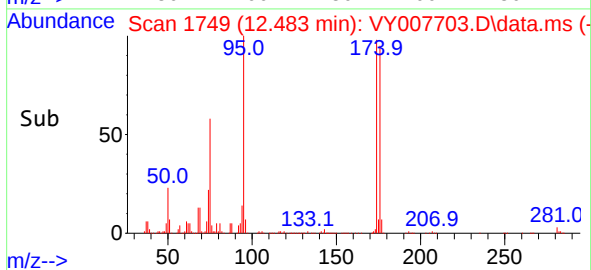
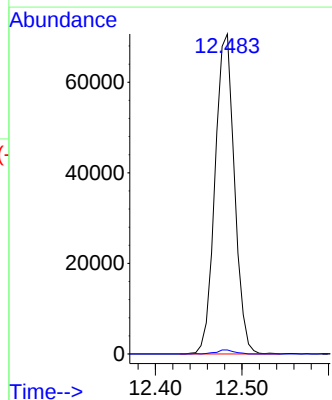
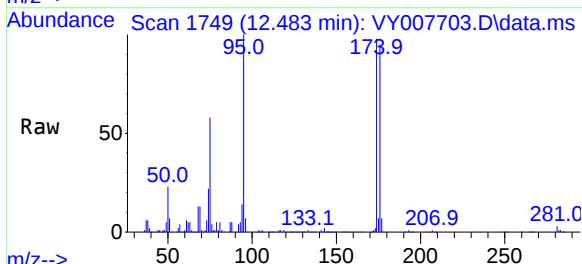
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	155.1	0.0	347.6

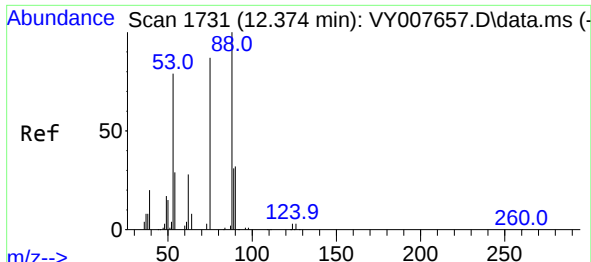


#76
 1,2,3-Trichloropropane
 Concen: 44.963 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007703.D
 Acq: 03 Mar 2022 14:45

Tgt Ion: 75 Resp: 109998

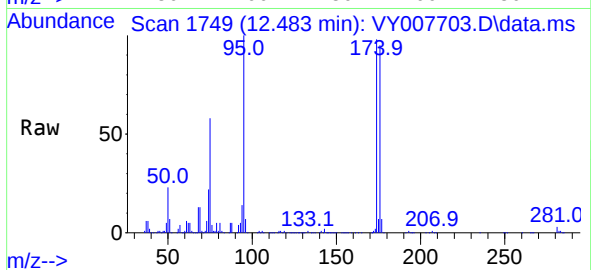
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.921 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007703.D
 Acq: 03 Mar 2022 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-13



Tgt Ion: 75 Resp: 109998
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

