

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026305.D
 Acq On : 05 Jan 2022 05:20
 Operator : JC/MD
 Sample : PB141821ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

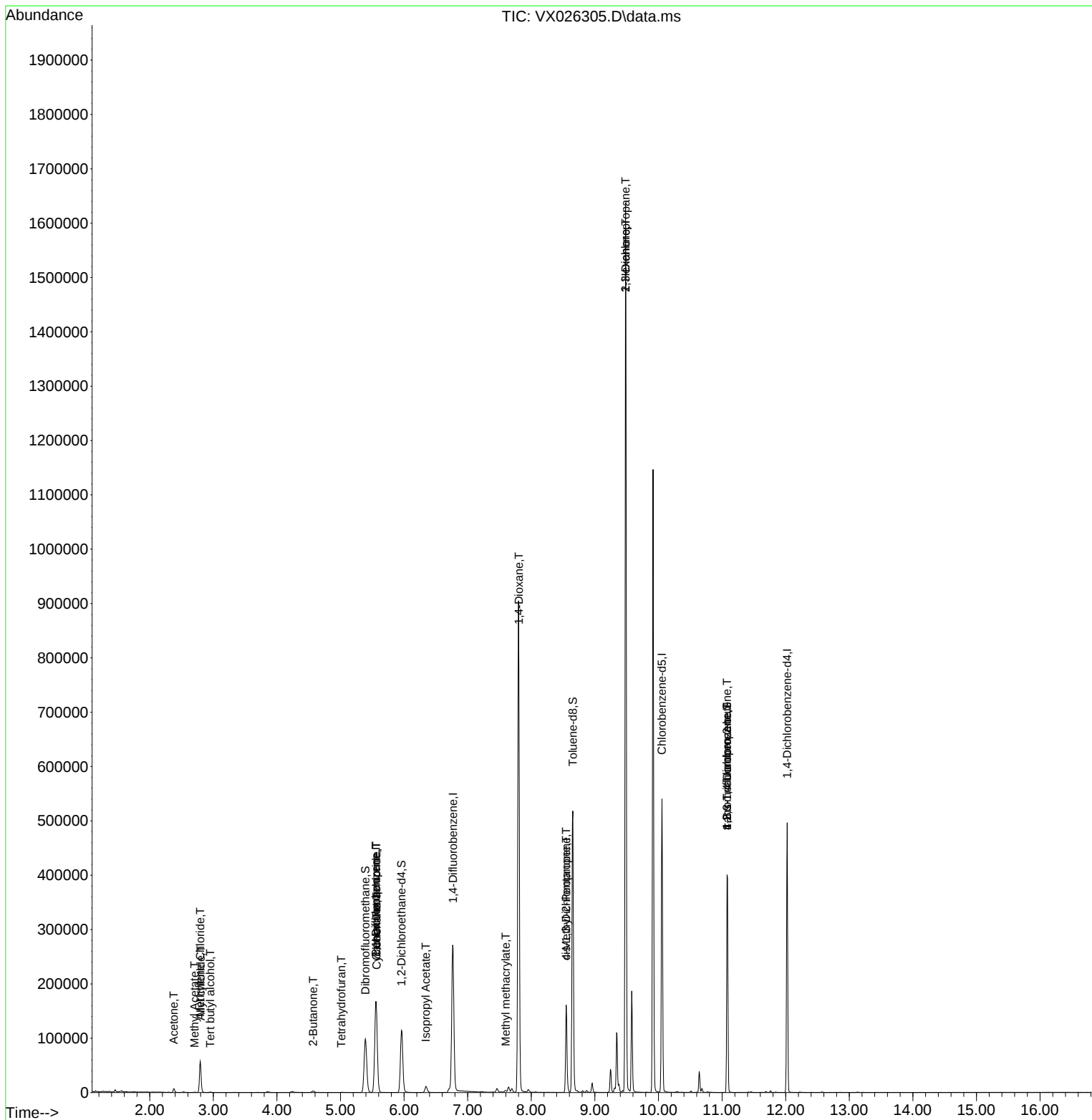
Quant Time: Jan 05 06:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	150733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117874	54.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.100%			
35) Dibromofluoromethane	5.391	113	85961	50.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.653	98	301125	47.512	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	111703	49.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.020%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.952	59	792	1.818	ug/l #	79
14) Allyl chloride	2.800	41	991	0.300	ug/l #	23
16) Acetone	2.379	43	8037	6.802	ug/l	91
18) Methyl Acetate	2.702	43	936	0.244	ug/l #	69
20) Methylene Chloride	2.794	84	24793	12.413	ug/l	95
25) 2-Butanone	4.568	43	5169	3.141	ug/l #	88
29) Tetrahydrofuran	5.013	42	224	0.216	ug/l #	54
31) Cyclohexane	5.568	56	3585	1.154	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	12874	4.684	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16561	5.417	ug/l #	14
43) Isopropyl Acetate	6.342	43	15445	2.974	ug/l	97
48) Methyl methacrylate	7.598	41	4987	2.002	ug/l #	12
49) 1,4-Dioxane	7.805	88	76	1.656	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	57214	17.703	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	24091	7.529	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	13602	4.001	ug/l #	42
59) 2-Hexanone	9.482	43	205805	84.067	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	58867	26.112	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58867	75.543	ug/l #	10

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

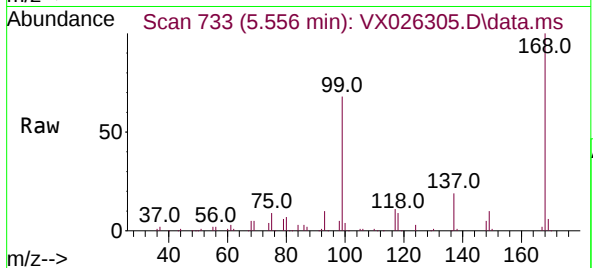
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



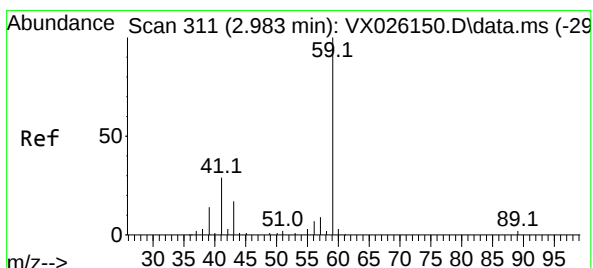
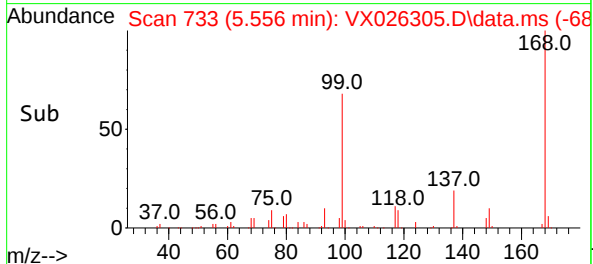
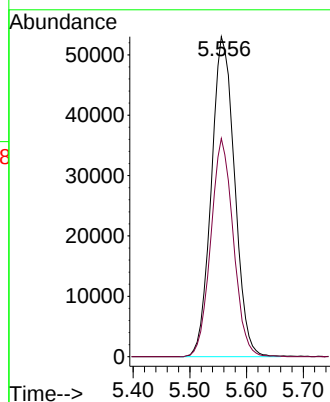


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :

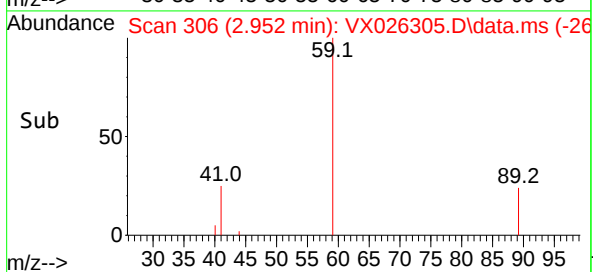
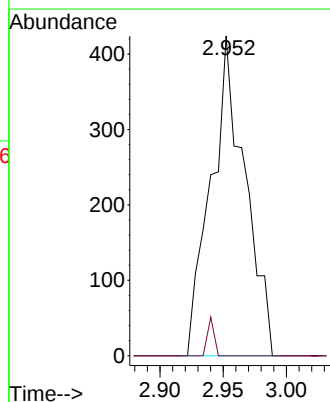
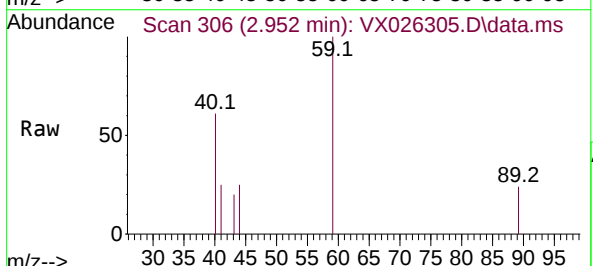


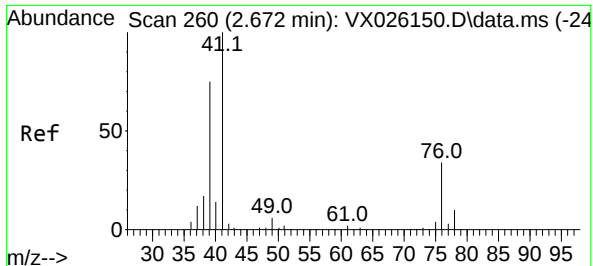
Tgt Ion:168 Resp: 150733
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.818 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

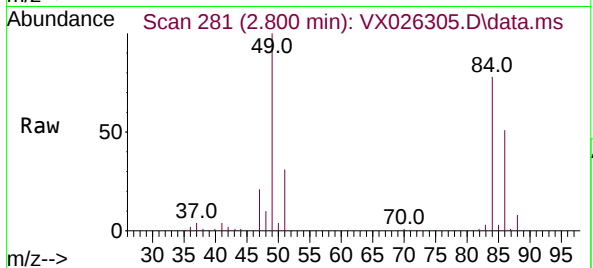
Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 2.4 8.2 12.2#



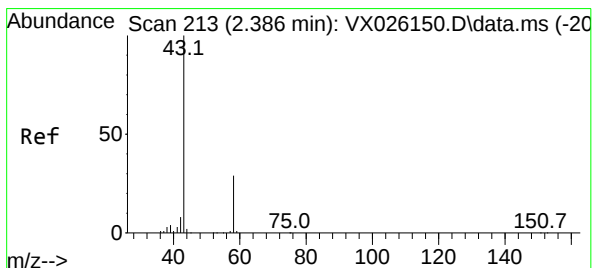
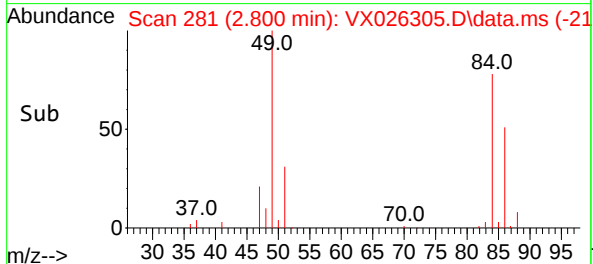
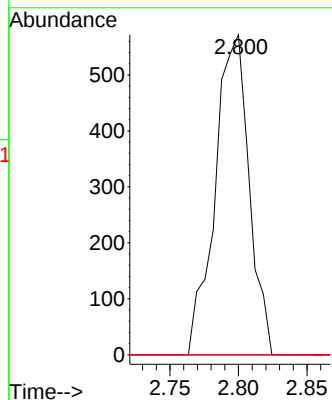


#14
 Allyl chloride
 Concen: 0.300 ug/l
 RT: 2.800 min Scan# 21
 Delta R.T. 0.128 min
 Lab File: VX026305.D
 Acq: 05 Jan 2022 05:20

Instrument :
 MSVOA_X
 ClientSampleId :

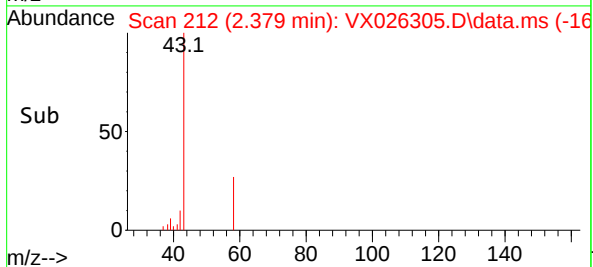
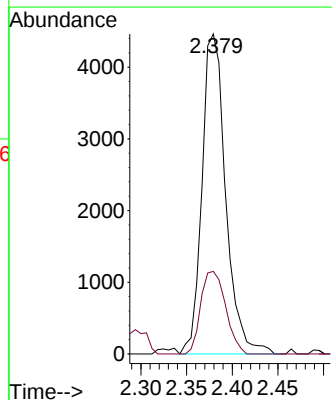
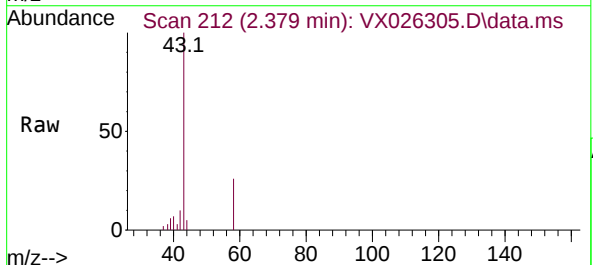


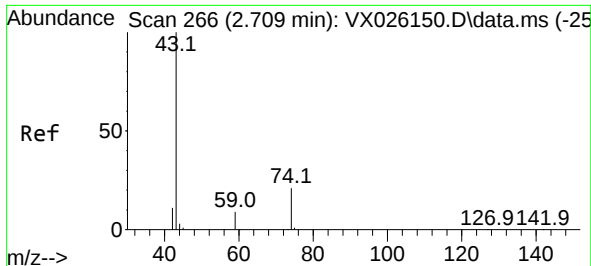
Tgt Ion: 41 Resp: 991
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 6.802 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.007 min
 Lab File: VX026305.D
 Acq: 05 Jan 2022 05:20

Tgt Ion: 43 Resp: 8037
 Ion Ratio Lower Upper
 43 100
 58 25.8 24.8 37.2





#18

Methyl Acetate

Concen: 0.244 ug/l

RT: 2.702 min Scan# 2

Delta R.T. -0.007 min

Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

Instrument :

MSVOA_X

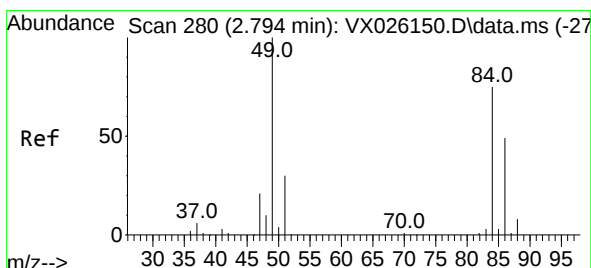
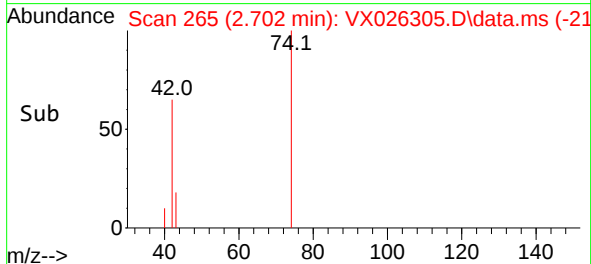
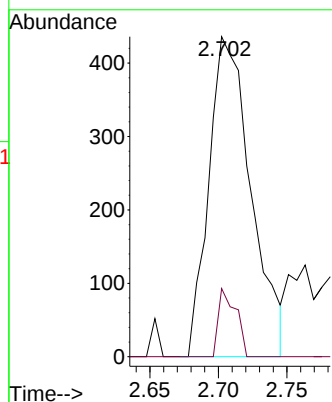
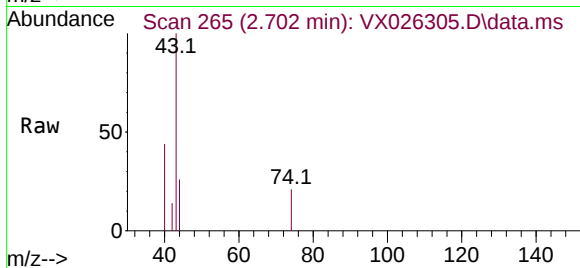
ClientSampleId :

Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

43 100

74 8.8 19.1 28.7#



#20

Methylene Chloride

Concen: 12.413 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

Tgt Ion: 84 Resp: 24793

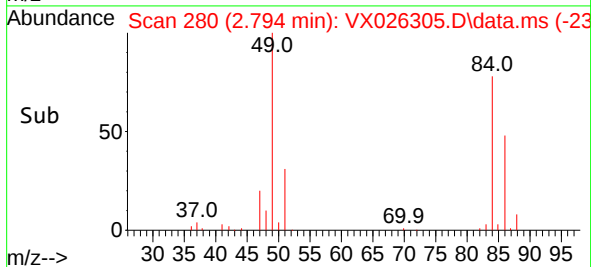
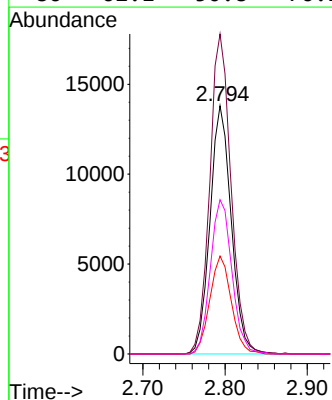
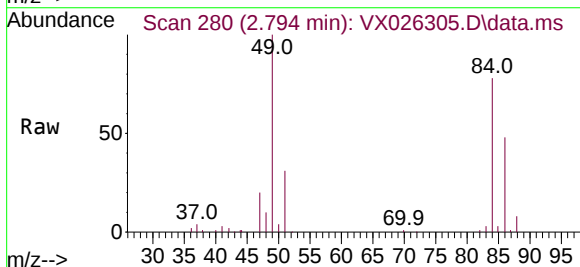
Ion Ratio Lower Upper

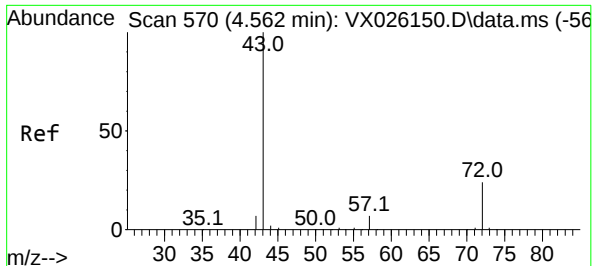
84 100

49 128.9 97.1 145.7

51 39.5 29.3 43.9

86 62.1 50.8 76.2

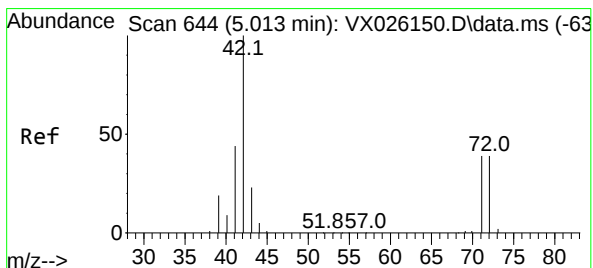
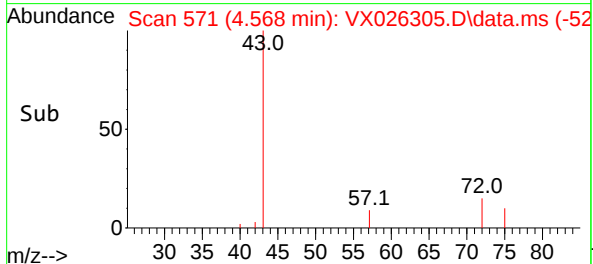
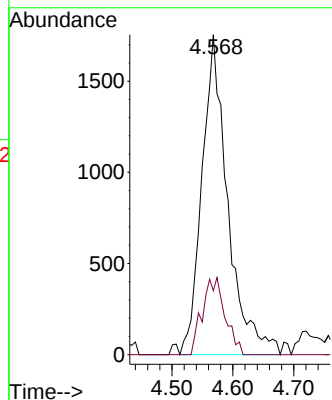
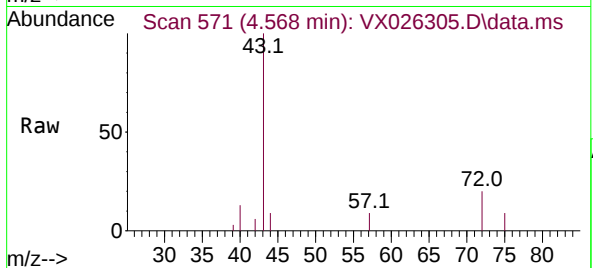




#25
2-Butanone
Concen: 3.141 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

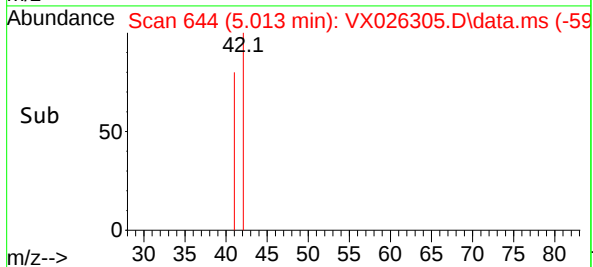
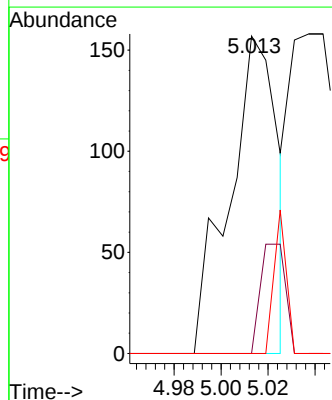
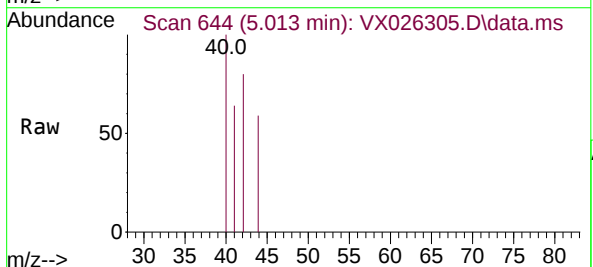
Instrument :
MSVOA_X
ClientSampleId :

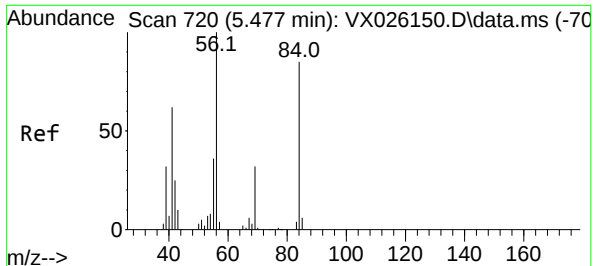
Tgt Ion: 43 Resp: 5169
Ion Ratio Lower Upper
43 100
72 20.0 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 5.013 min Scan# 644
Delta R.T. -0.000 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

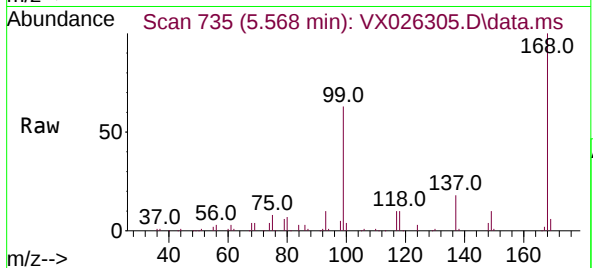
Tgt Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
72 17.9 37.0 55.6#
71 11.6 34.1 51.1#



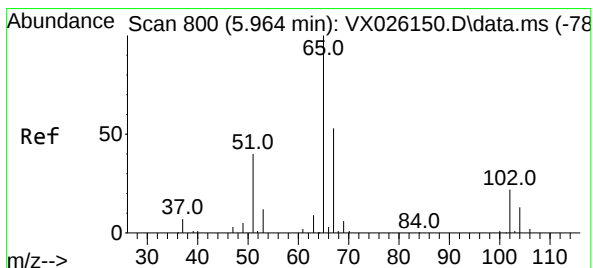
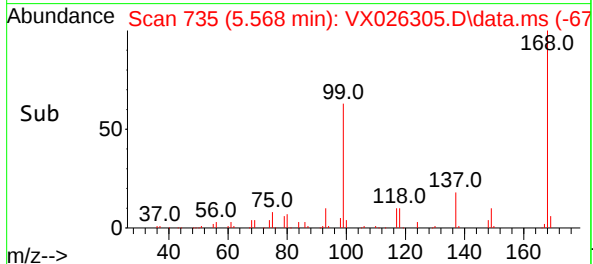
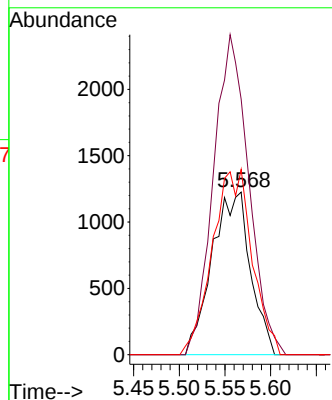


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :

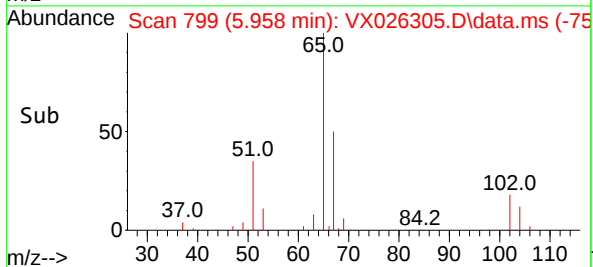
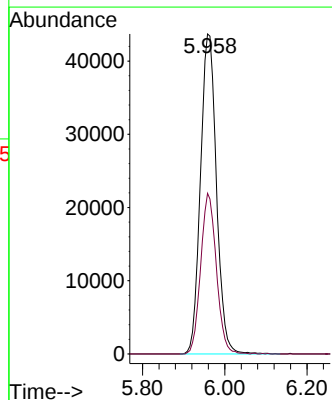
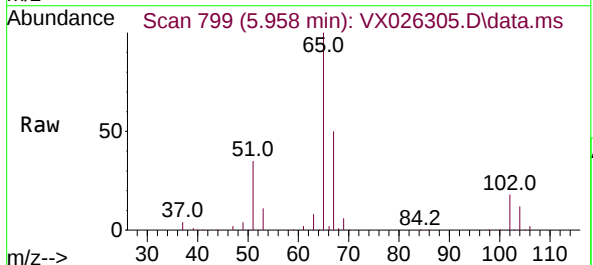


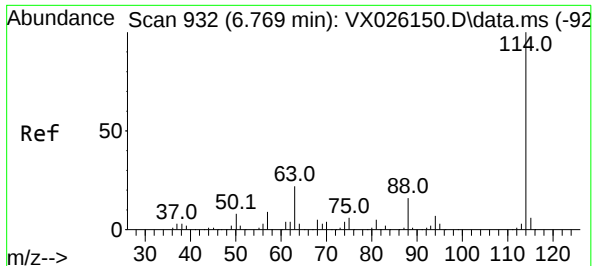
Tgt Ion: 56 Resp: 3585
Ion Ratio Lower Upper
56 100
69 157.1 23.9 35.9#
84 113.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 54.054 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Tgt Ion: 65 Resp: 117874
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.4

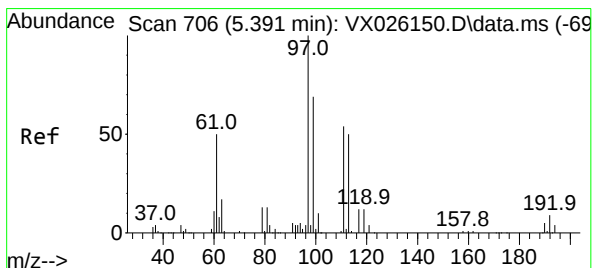
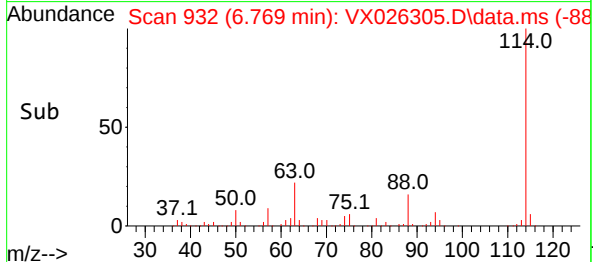
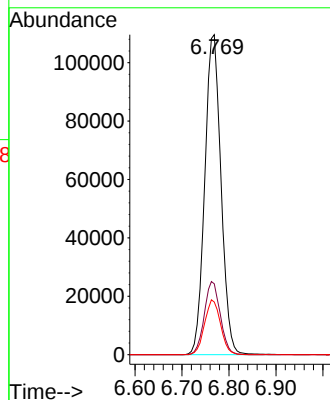
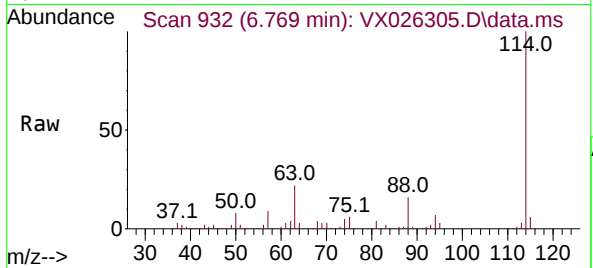




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

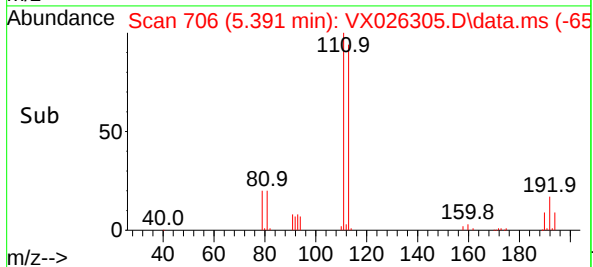
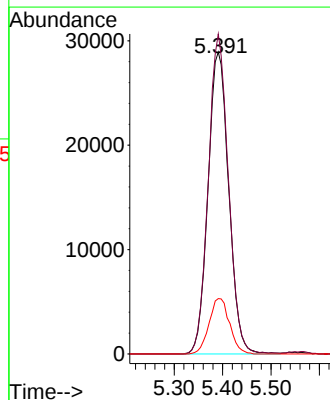
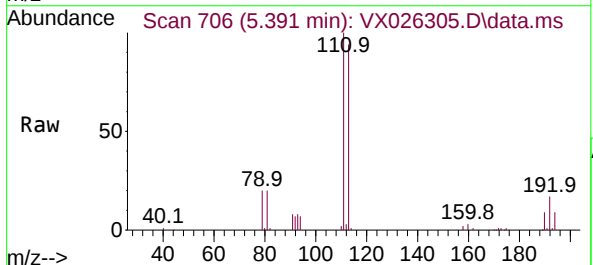
Instrument :
MSVOA_X
ClientSampleId :

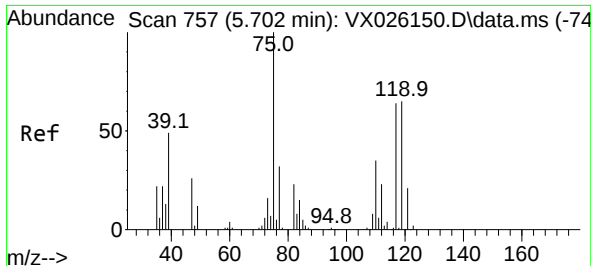
Tgt Ion:114 Resp: 262087
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

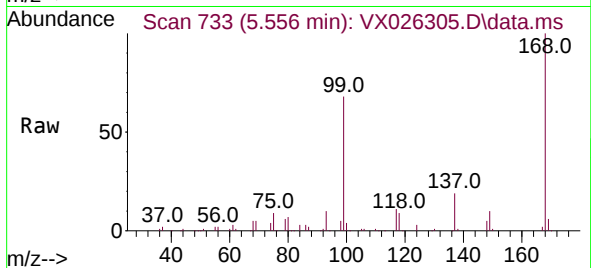
Tgt Ion:113 Resp: 85961
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.2 15.0 22.4



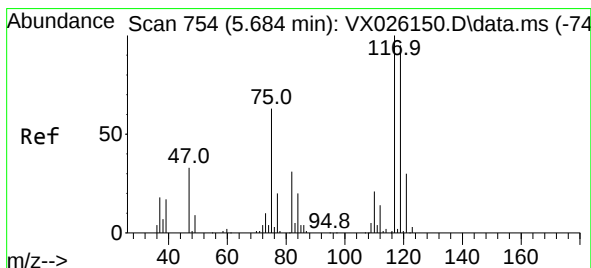
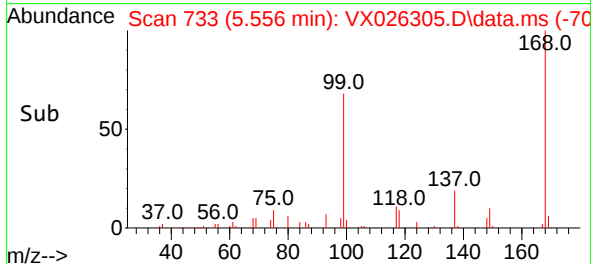
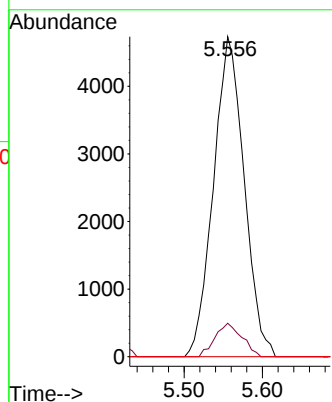


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :

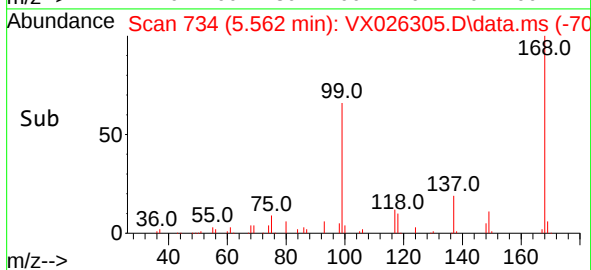
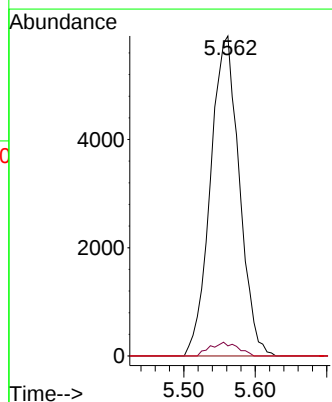
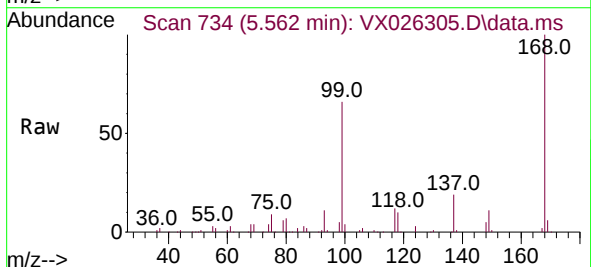


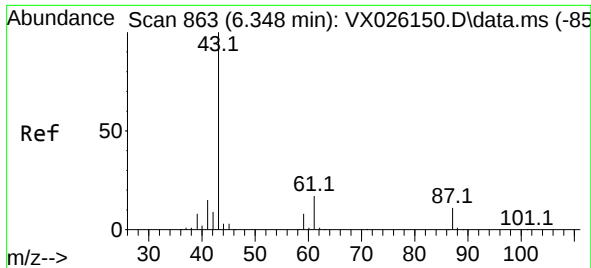
Tgt Ion: 75 Resp: 12874
Ion Ratio Lower Upper
75 100
110 9.2 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Tgt Ion: 117 Resp: 16561
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 23.8 35.8#

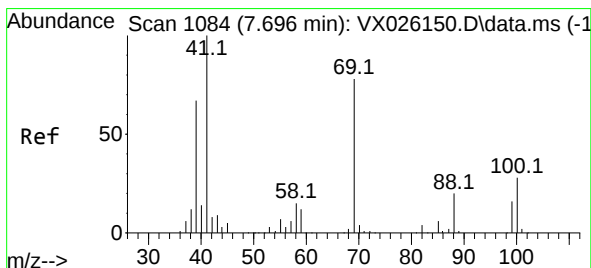
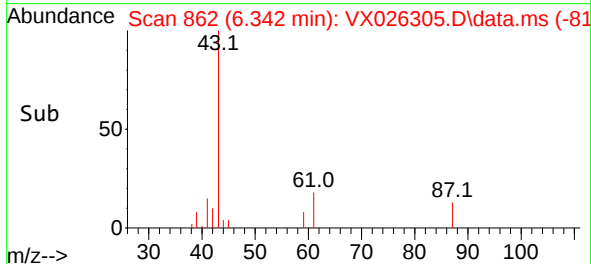
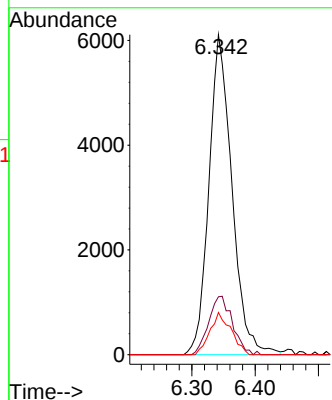
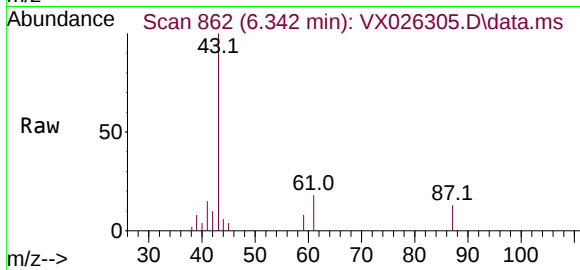




#43
Isopropyl Acetate
Concen: 2.974 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

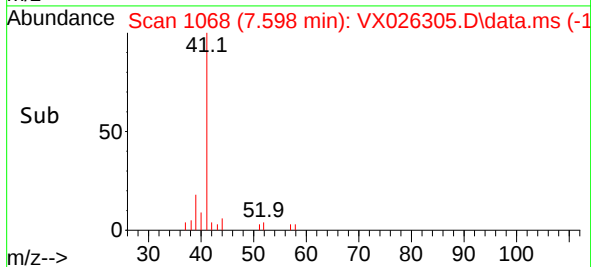
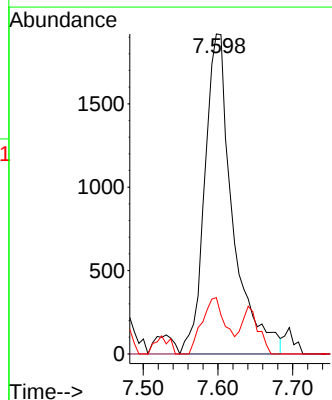
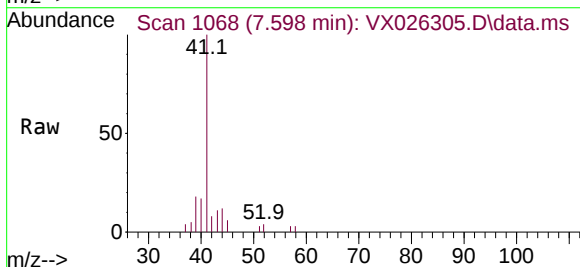
Instrument :
MSVOA_X
ClientSampleId :

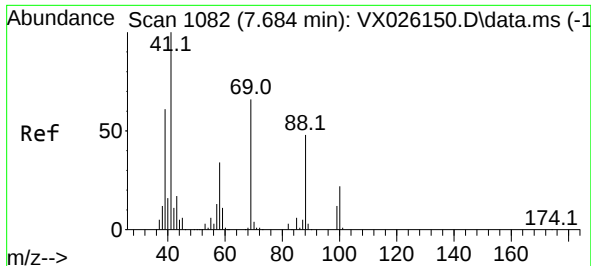
Tgt Ion: 43 Resp: 15445
Ion Ratio Lower Upper
43 100
61 18.9 15.7 23.5
87 12.1 11.2 16.8



#48
Methyl methacrylate
Concen: 2.002 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Tgt Ion: 41 Resp: 4987
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 1.656 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.121 min

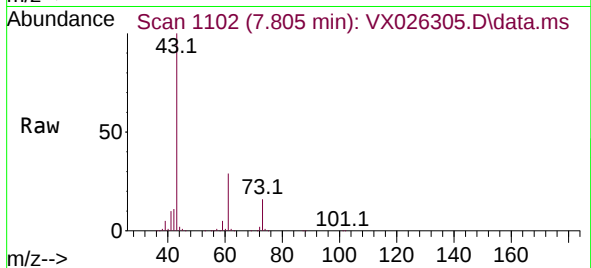
Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

Instrument :

MSVOA_X

ClientSampleId :



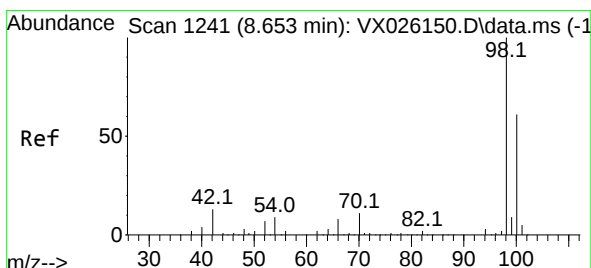
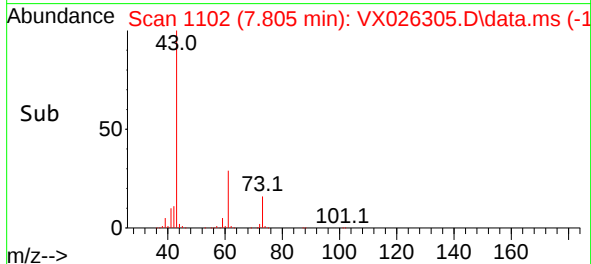
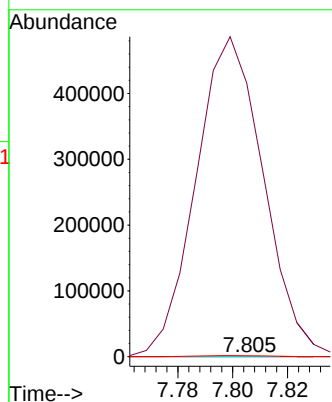
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 1103222.4 25.3 37.9#

58 4147.4 51.8 77.6#



#50

Toluene-d8

Concen: 47.512 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026305.D

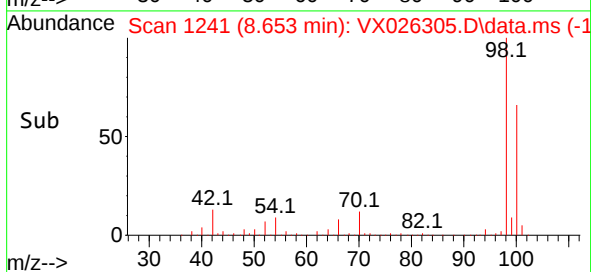
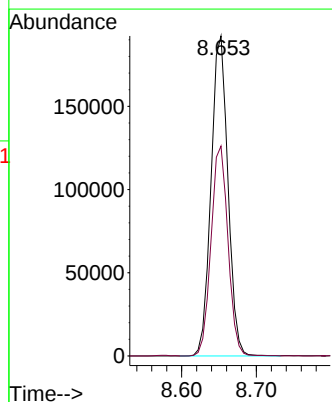
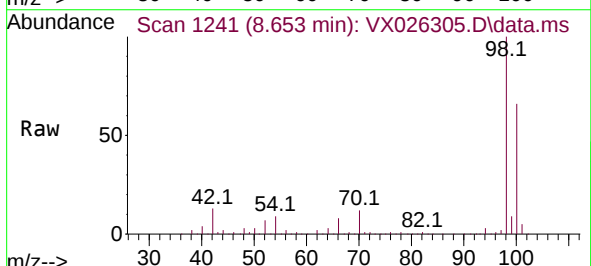
Acq: 05 Jan 2022 05:20

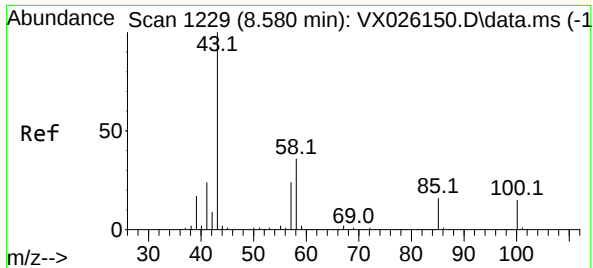
Tgt Ion: 98 Resp: 301125

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

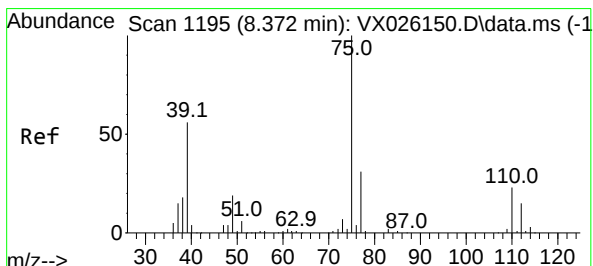
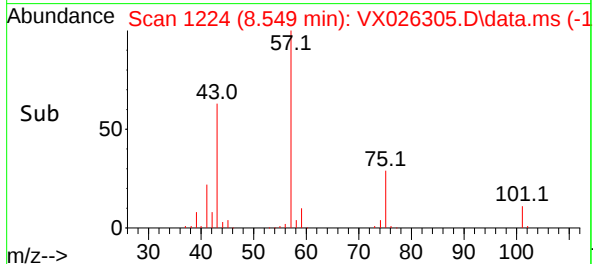
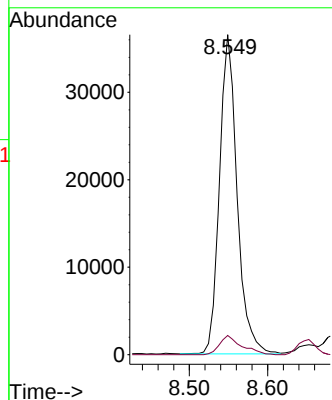
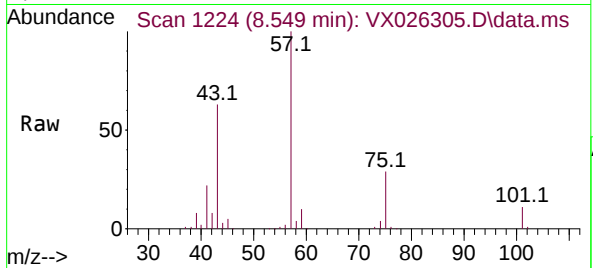




#51
4-Methyl-2-Pentanone
Concen: 17.703 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

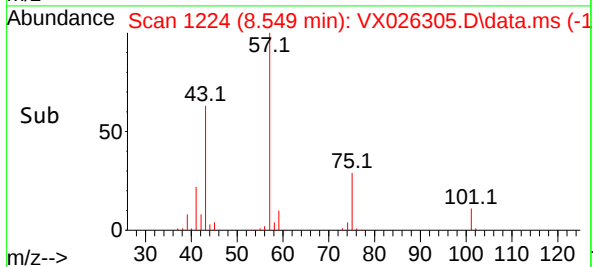
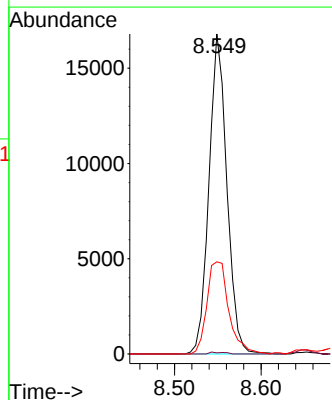
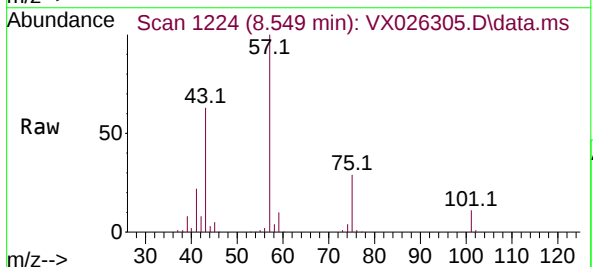
Instrument :
MSVOA_X
ClientSampleId :

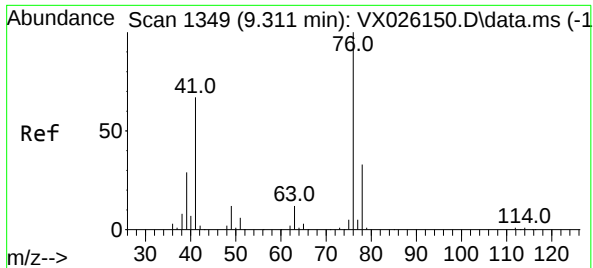
Tgt Ion: 43 Resp: 57214
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.529 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026305.D
Acq: 05 Jan 2022 05:20

Tgt Ion: 75 Resp: 24091
Ion Ratio Lower Upper
75 100
77 0.3 25.3 37.9#
39 28.8 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.001 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

Instrument :

MSVOA_X

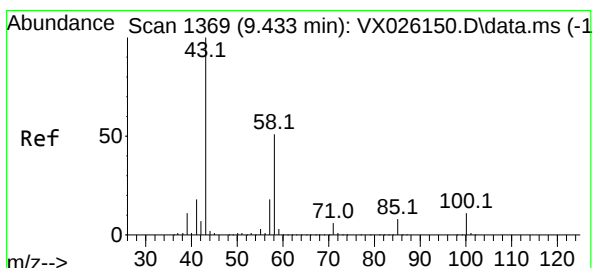
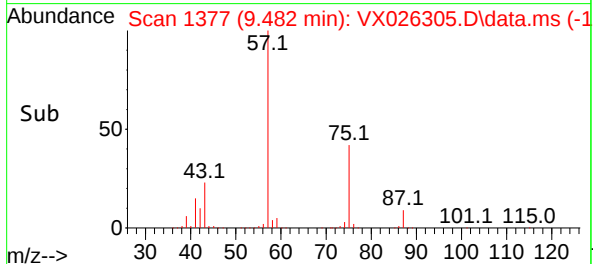
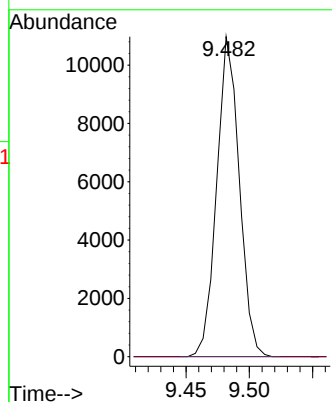
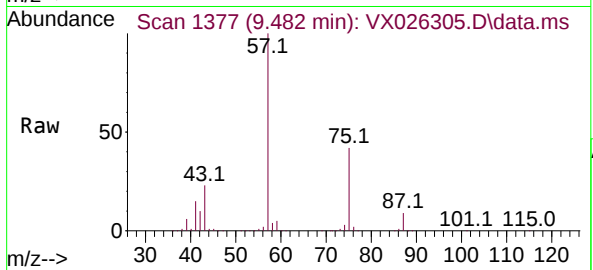
ClientSampleId :

Tgt Ion: 76 Resp: 13602

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 84.067 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026305.D

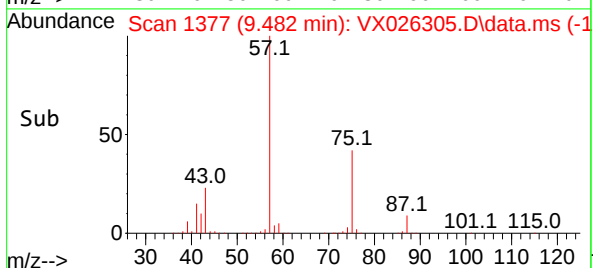
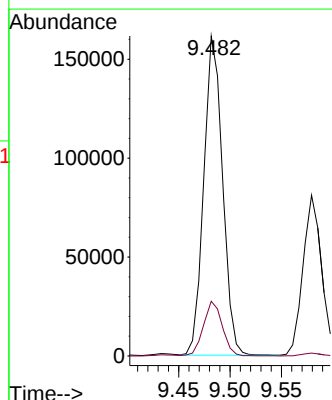
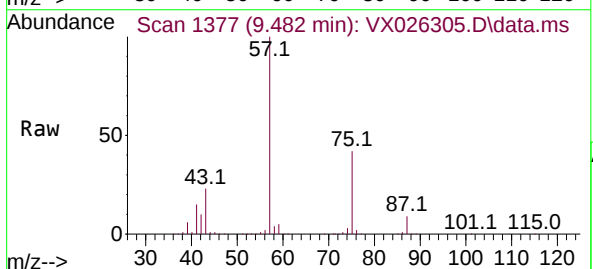
Acq: 05 Jan 2022 05:20

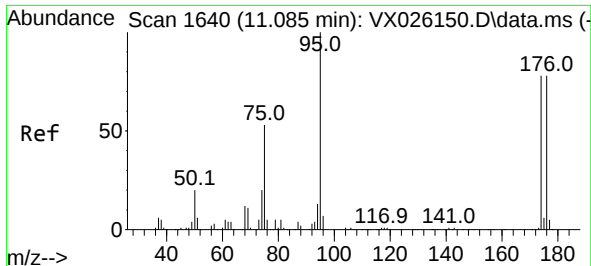
Tgt Ion: 43 Resp: 205805

Ion Ratio Lower Upper

43 100

58 17.2 26.9 80.6#





#62

4-Bromofluorobenzene

Concen: 49.509 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

Instrument :

MSVOA_X

ClientSampleId :

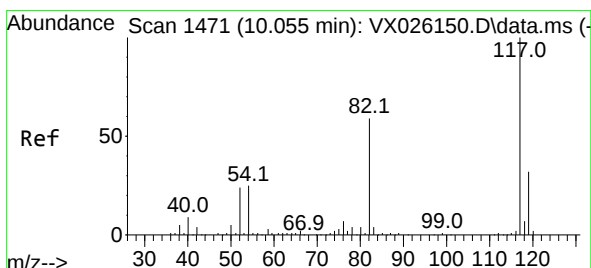
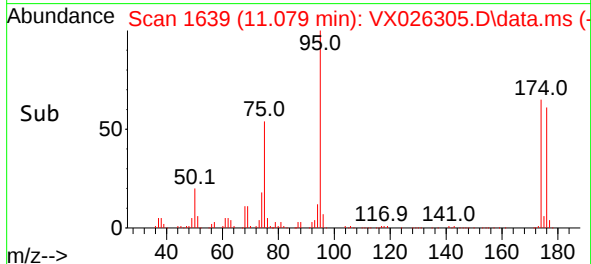
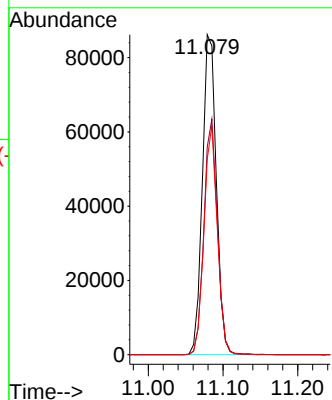
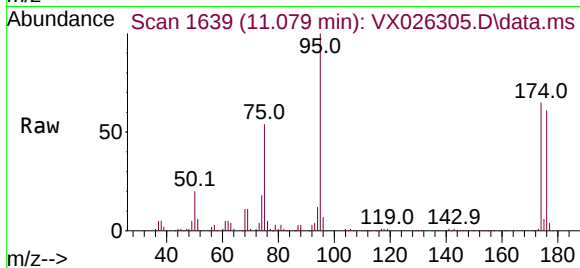
Tgt Ion: 95 Resp: 111703

Ion Ratio Lower Upper

95 100

174 71.2 0.0 157.4

176 68.3 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026305.D

Acq: 05 Jan 2022 05:20

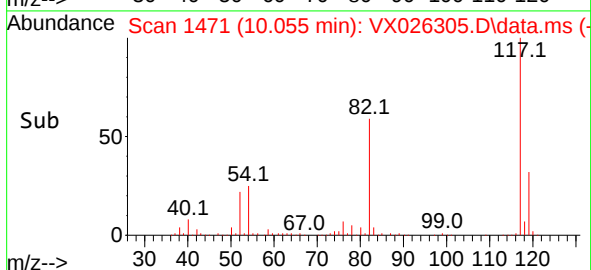
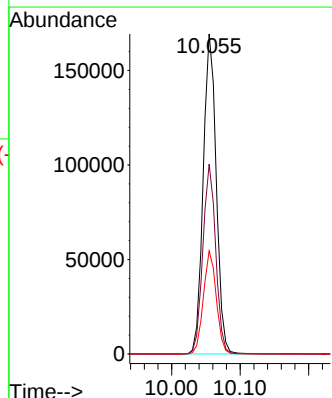
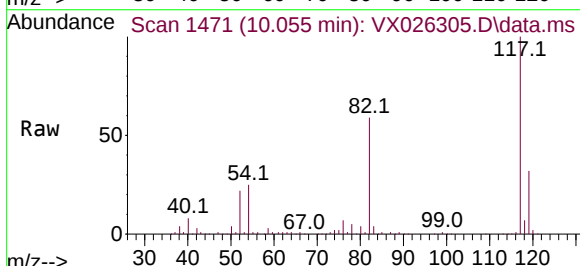
Tgt Ion: 117 Resp: 224682

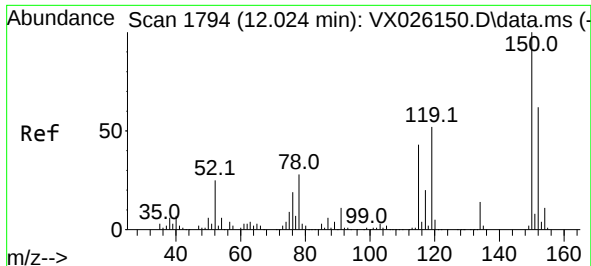
Ion Ratio Lower Upper

117 100

82 59.3 43.8 65.6

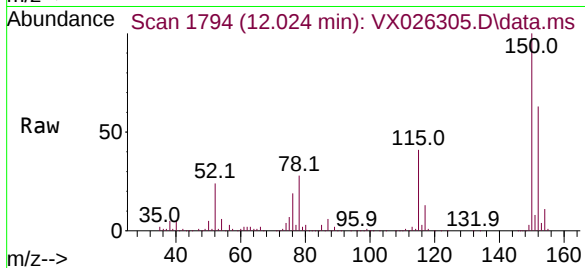
119 32.2 25.2 37.8



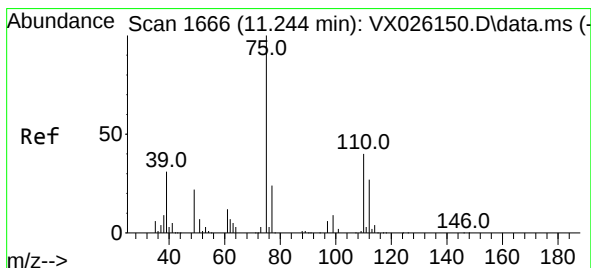
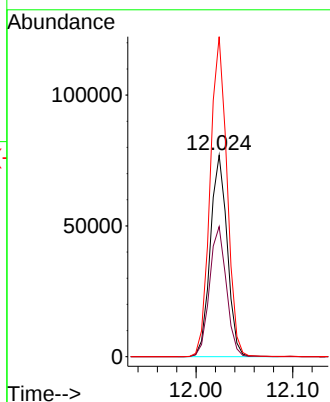
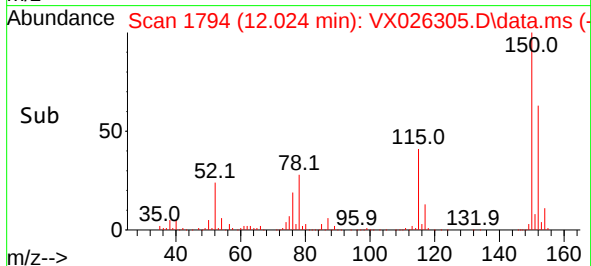


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026305.D
 Acq: 05 Jan 2022 05:20

Instrument :
 MSVOA_X
 ClientSampleId :

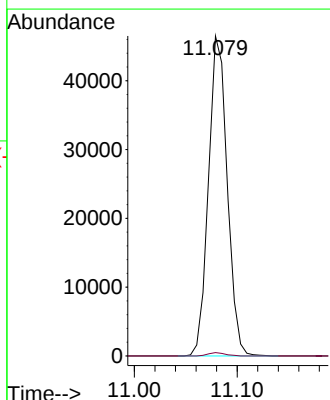
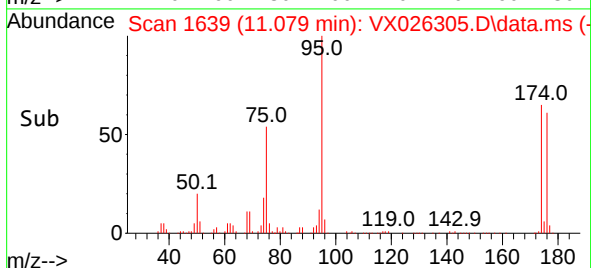
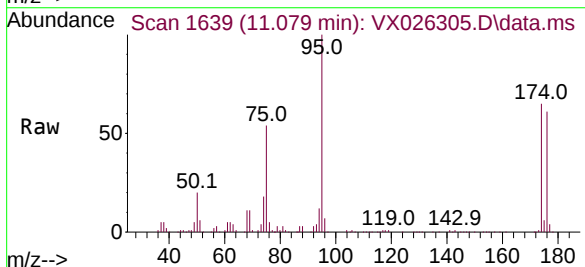


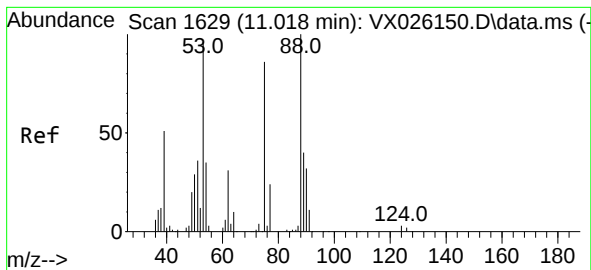
Tgt Ion:152 Resp: 93398
 Ion Ratio Lower Upper
 152 100
 115 64.5 41.3 123.9
 150 158.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.112 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026305.D
 Acq: 05 Jan 2022 05:20

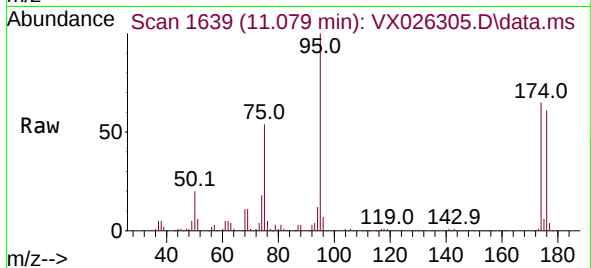
Tgt Ion: 75 Resp: 58867
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.543 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026305.D
 Acq: 05 Jan 2022 05:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58867
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

