

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026304.D
 Acq On : 05 Jan 2022 04:56
 Operator : JC/MD
 Sample : PB141821ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

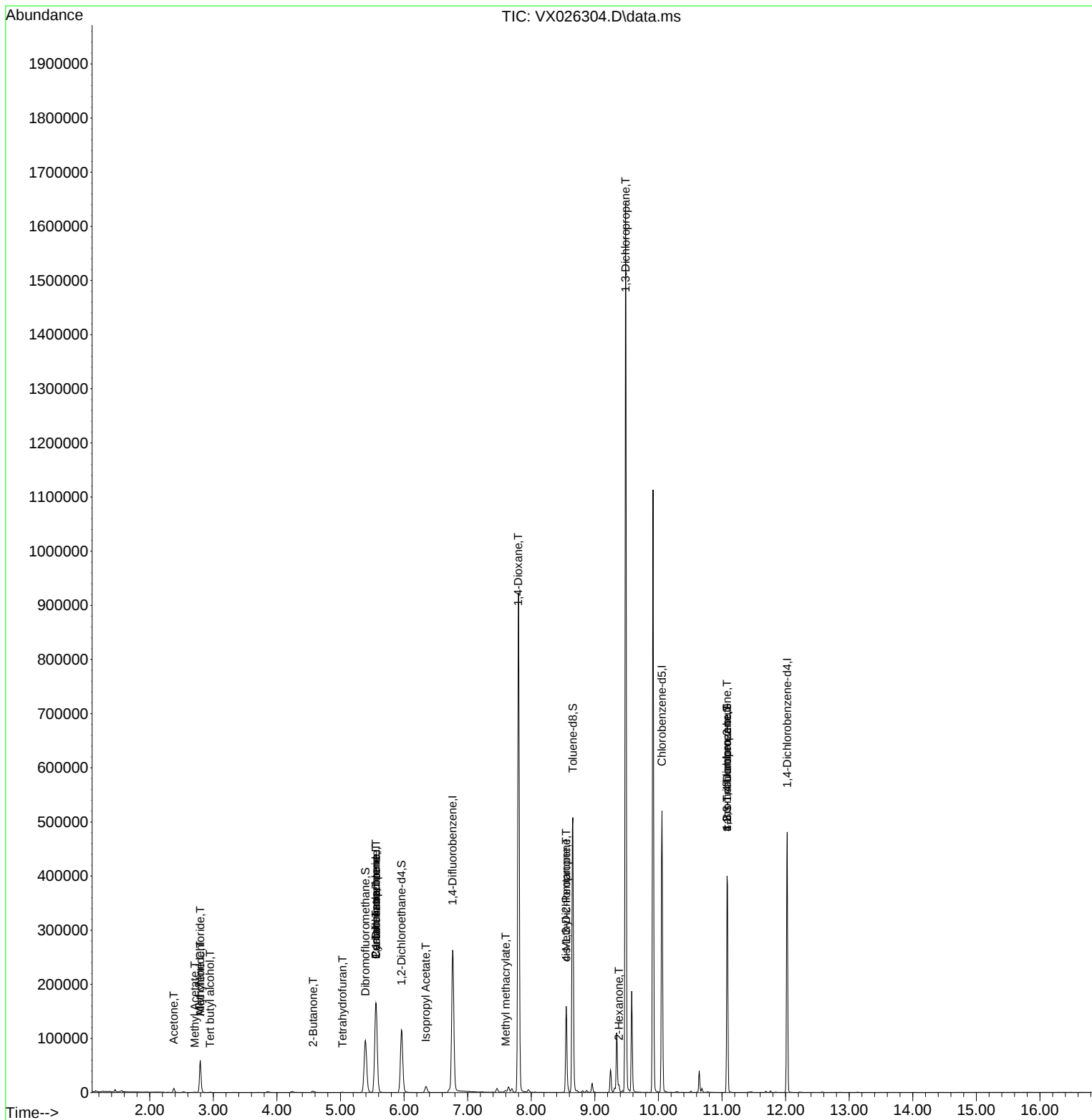
Quant Time: Jan 05 06:44:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

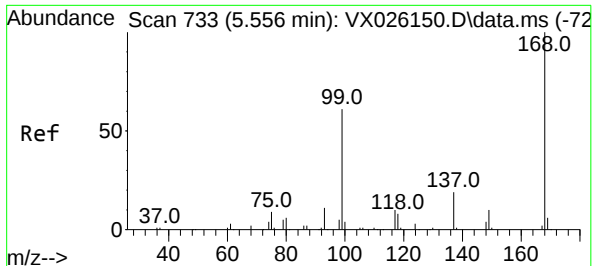
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	147792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114738	53.663	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.391	113	83967	50.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.653	98	295495	47.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	11.079	95	108951	49.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	729	1.707	ug/l #	73
14) Allyl chloride	2.794	41	950	0.294	ug/l #	23
16) Acetone	2.380	43	8482	7.322	ug/l	91
18) Methyl Acetate	2.709	43	962	0.256	ug/l #	82
20) Methylene Chloride	2.794	84	24872	12.723	ug/l	94
25) 2-Butanone	4.568	43	4919	3.048	ug/l	93
29) Tetrahydrofuran	5.032	42	526	0.517	ug/l #	39
31) Cyclohexane	5.556	56	3641	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12736	4.744	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15936	5.337	ug/l #	16
43) Isopropyl Acetate	6.342	43	15548	3.065	ug/l	96
48) Methyl methacrylate	7.598	41	5006	2.058	ug/l #	12
49) 1,4-Dioxane	7.793	88	82	1.829	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	56322	17.841	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	23662	7.570	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	13605	4.097	ug/l #	43
59) 2-Hexanone	9.378	43	7355	3.076	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	57278	25.630	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57278	74.148	ug/l #	10

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

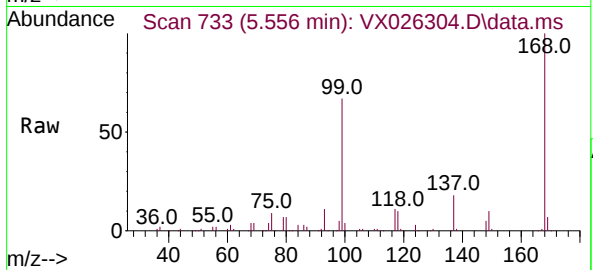
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



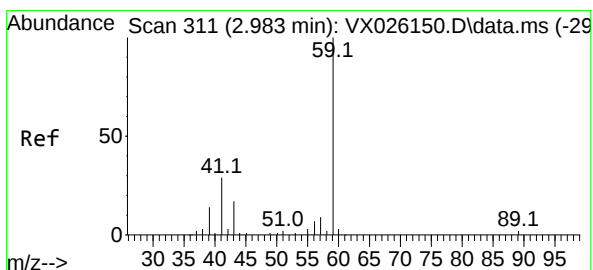
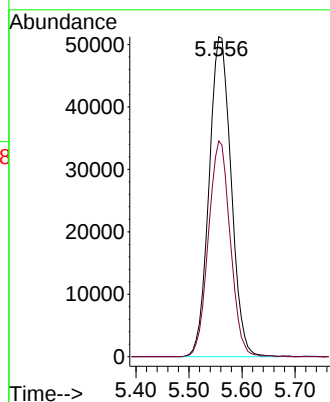
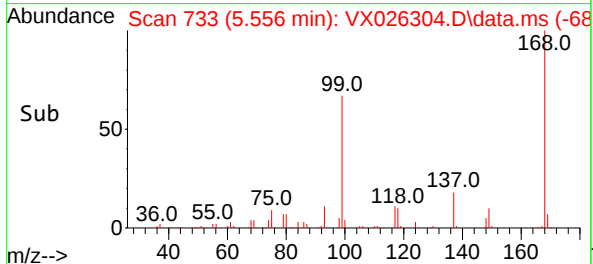


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Instrument :
MSVOA_X
ClientSampleId :

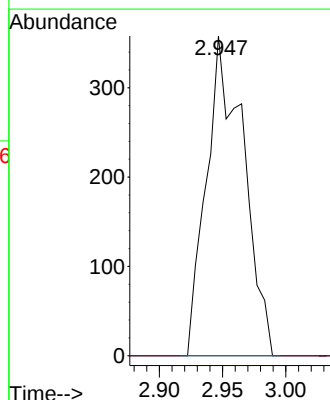
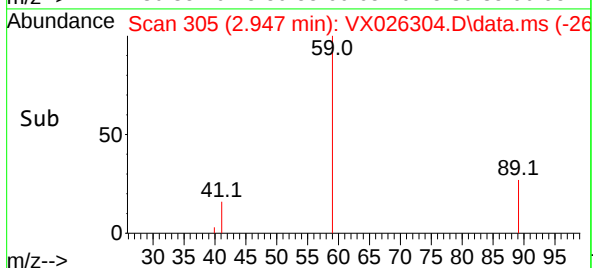
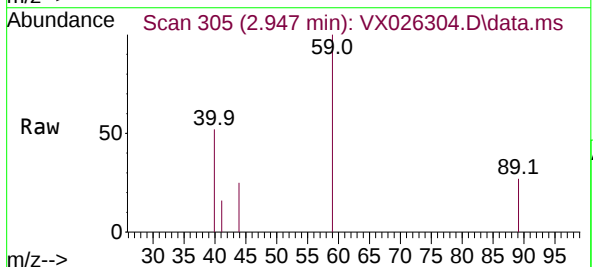


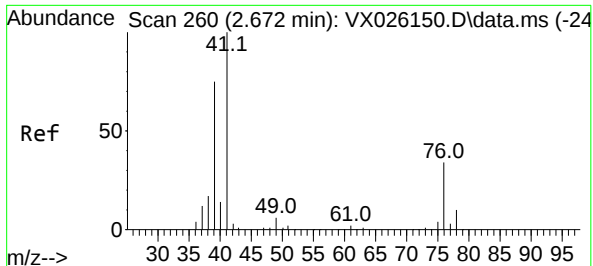
Tgt Ion:168 Resp: 147792
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.707 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

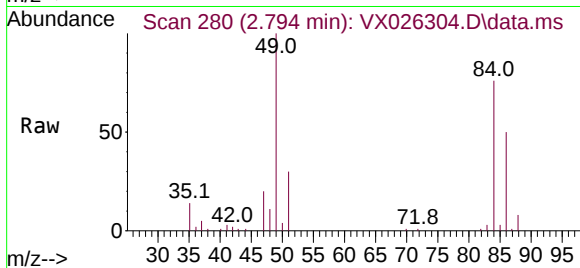
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



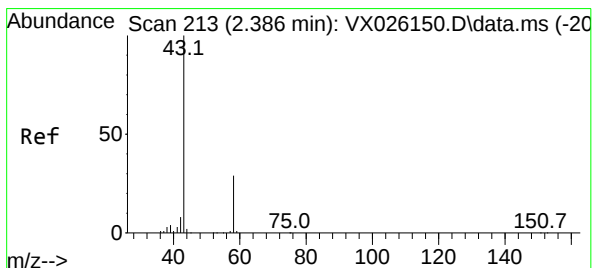
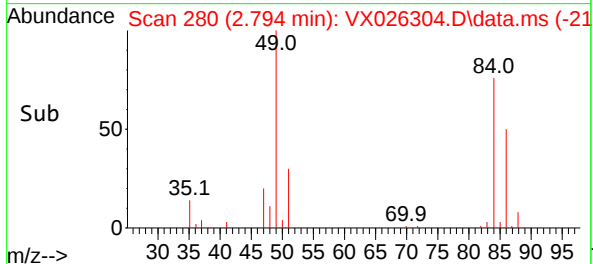
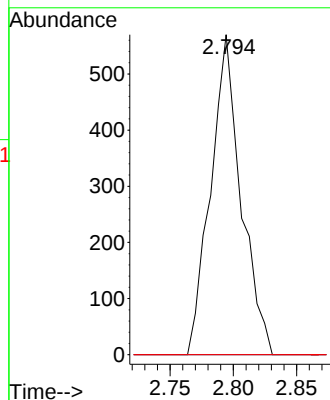


#14
 Allyl chloride
 Concen: 0.294 ug/l
 RT: 2.794 min Scan# 212
 Delta R.T. 0.122 min
 Lab File: VX026304.D
 Acq: 05 Jan 2022 04:56

Instrument :
 MSVOA_X
 ClientSampleId :

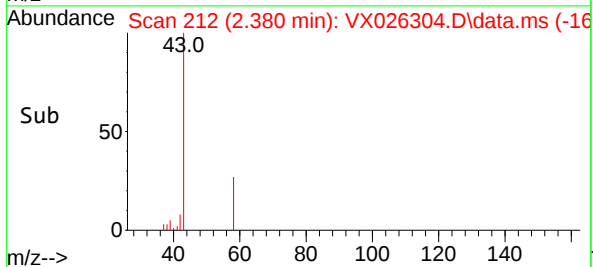
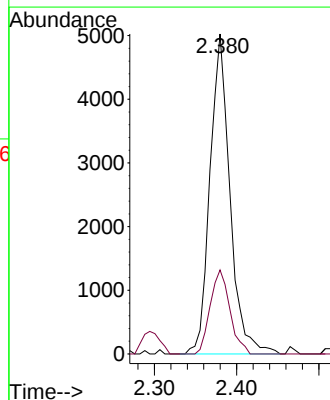
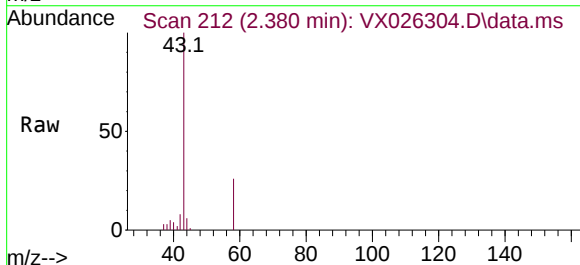


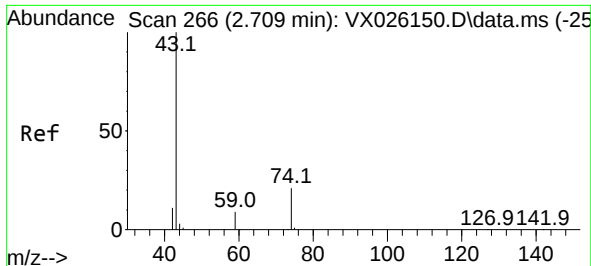
Tgt Ion: 41 Resp: 950
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 7.322 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX026304.D
 Acq: 05 Jan 2022 04:56

Tgt Ion: 43 Resp: 8482
 Ion Ratio Lower Upper
 43 100
 58 26.2 24.8 37.2





#18

Methyl Acetate

Concen: 0.256 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

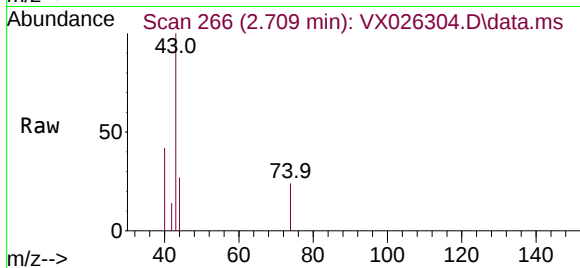
Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Instrument :

MSVOA_X

ClientSampleId :

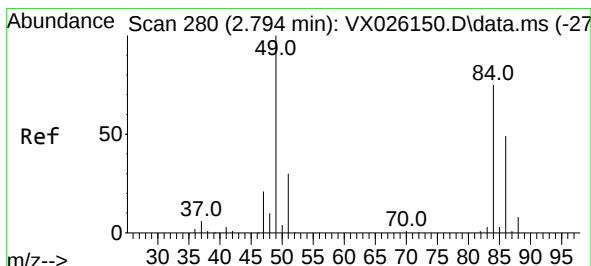
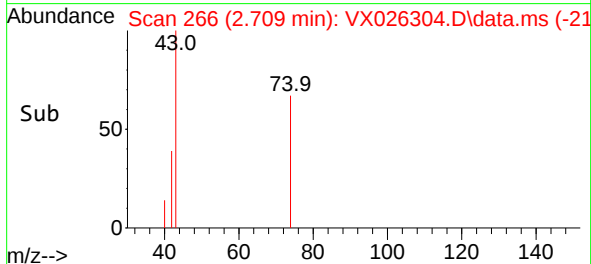
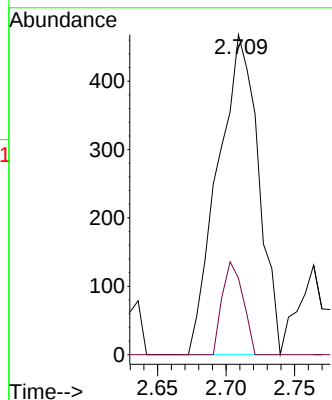


Tgt Ion: 43 Resp: 962

Ion Ratio Lower Upper

43 100

74 14.9 19.1 28.7#



#20

Methylene Chloride

Concen: 12.723 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Tgt Ion: 84 Resp: 24872

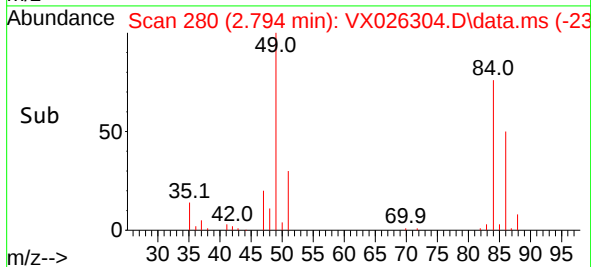
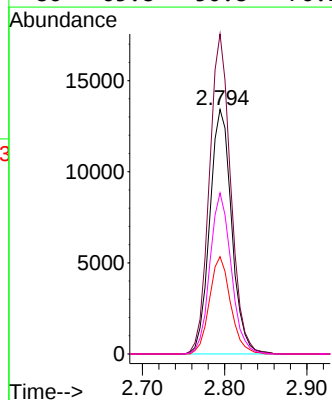
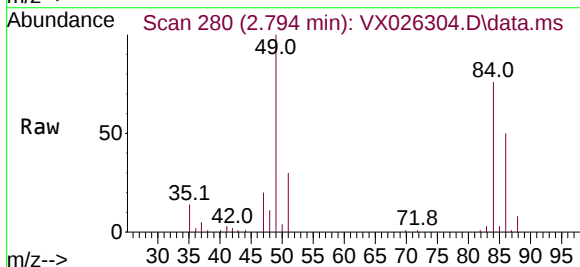
Ion Ratio Lower Upper

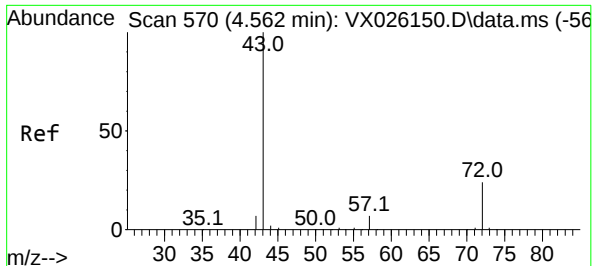
84 100

49 130.9 97.1 145.7

51 39.8 29.3 43.9

86 65.8 50.8 76.2





#25

2-Butanone

Concen: 3.048 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Instrument :

MSVOA_X

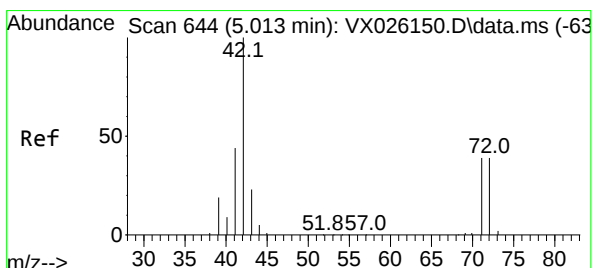
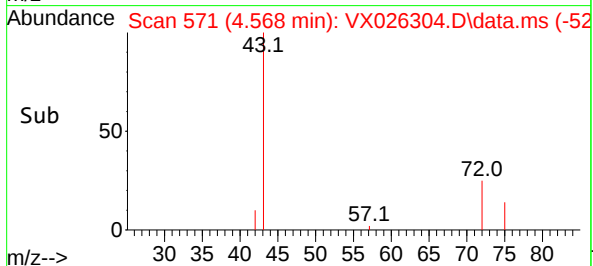
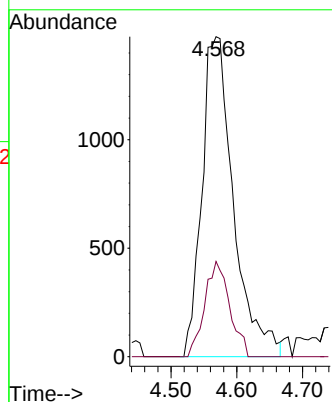
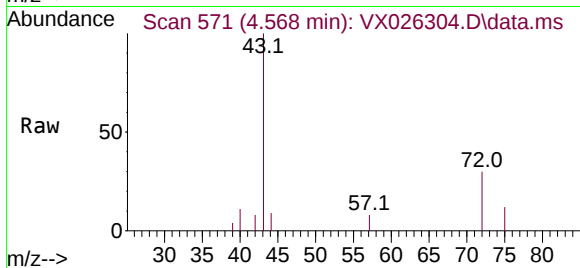
ClientSampleId :

Tgt Ion: 43 Resp: 4919

Ion Ratio Lower Upper

43 100

72 29.8 21.0 31.4



#29

Tetrahydrofuran

Concen: 0.517 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

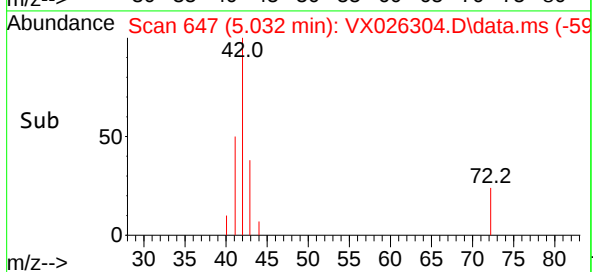
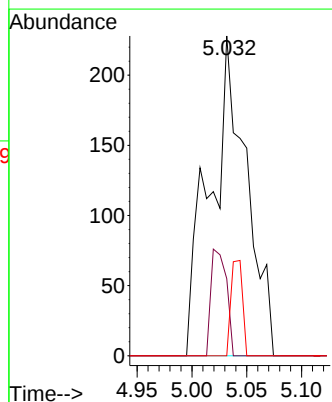
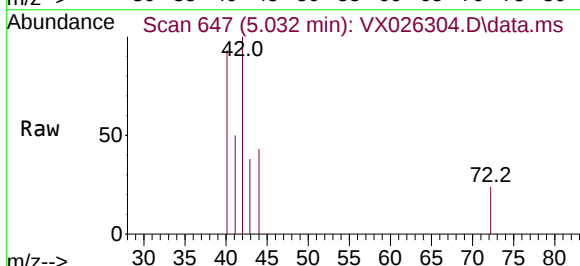
Tgt Ion: 42 Resp: 526

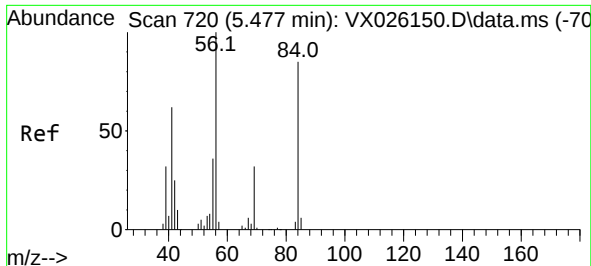
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

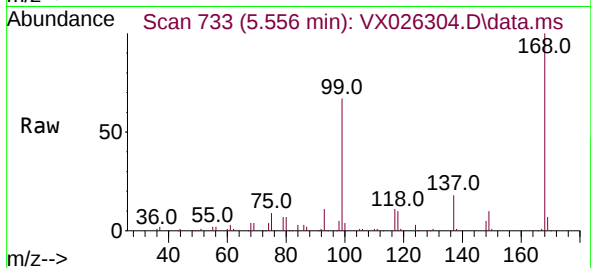
71 9.3 34.1 51.1#



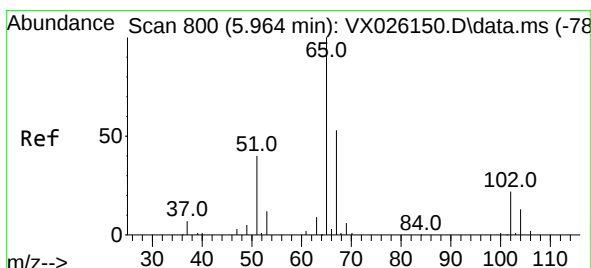
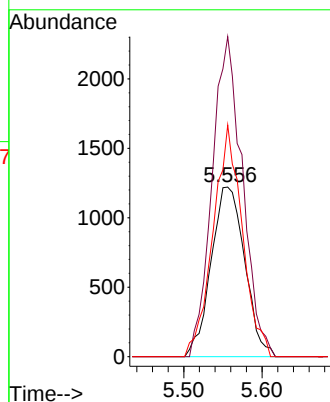
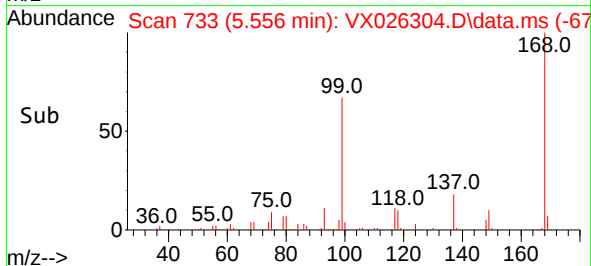


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Instrument :
MSVOA_X
ClientSampleId :

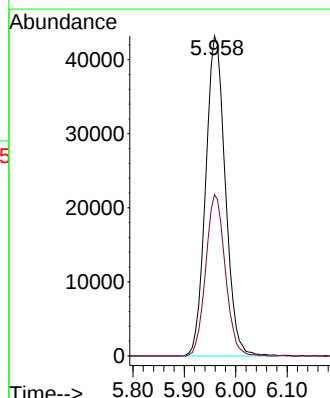
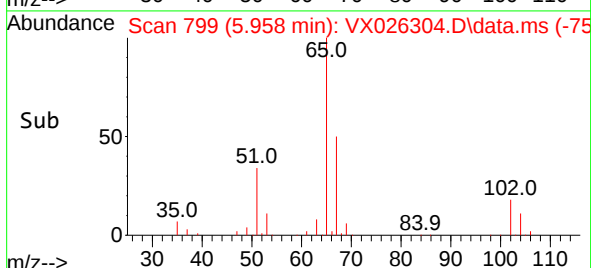
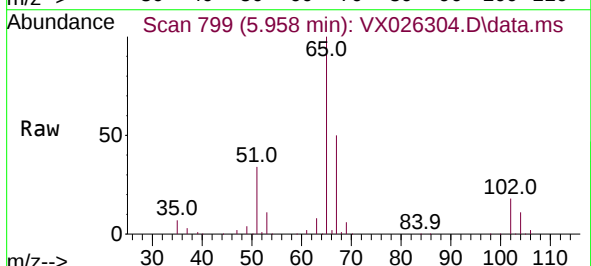


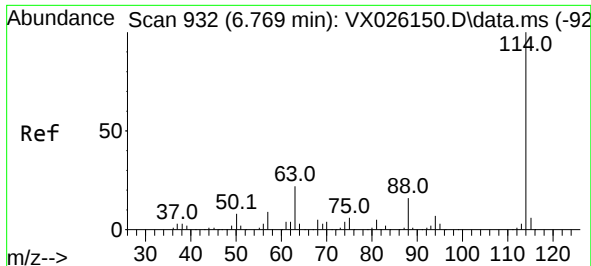
Tgt Ion: 56 Resp: 3641
Ion Ratio Lower Upper
56 100
69 188.7 23.9 35.9#
84 136.6 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 53.663 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

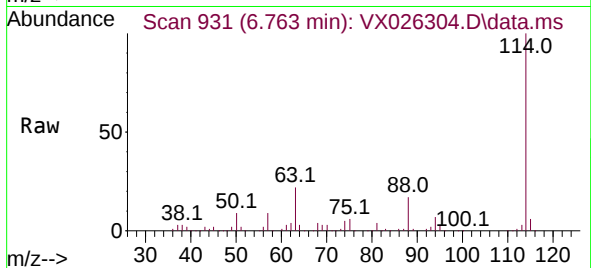
Tgt Ion: 65 Resp: 114738
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4



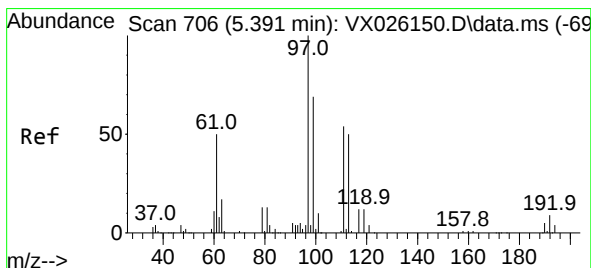
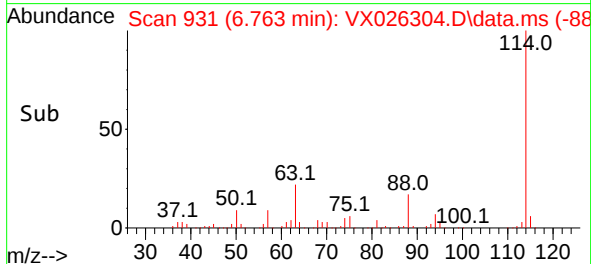
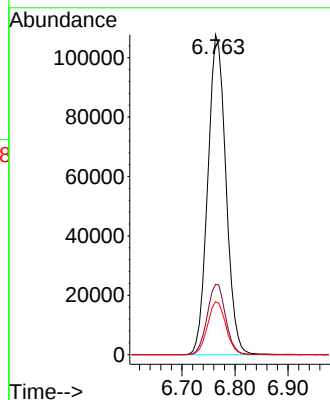


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Instrument :
MSVOA_X
ClientSampleId :

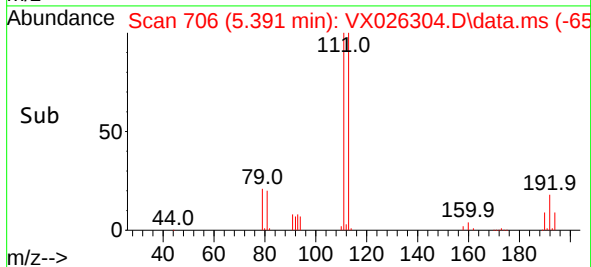
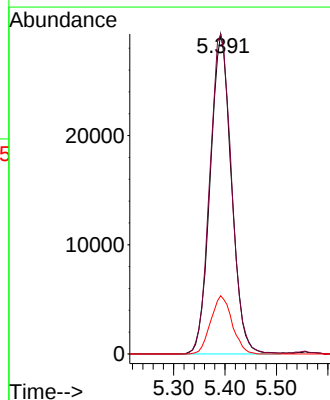
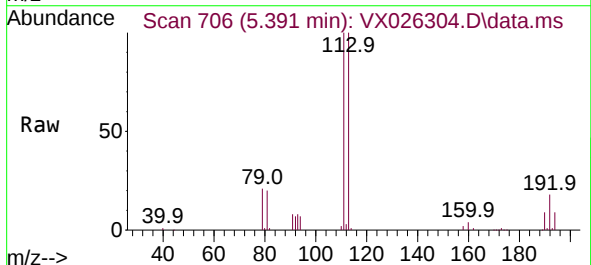


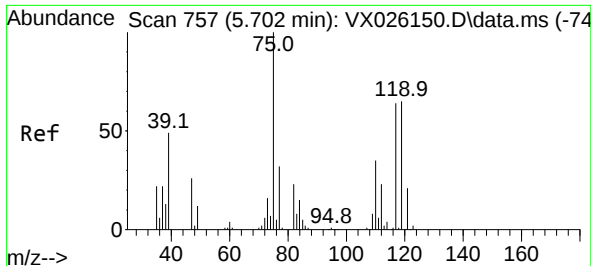
Tgt Ion:114 Resp: 256006
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Tgt Ion:113 Resp: 83967
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.3 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.744 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

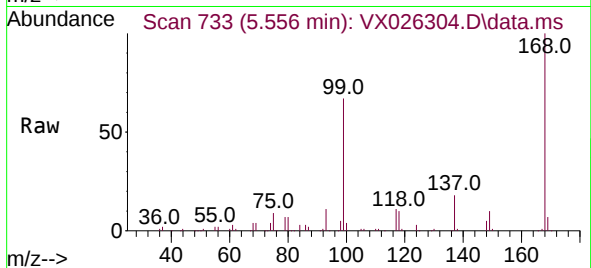
Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Instrument :

MSVOA_X

ClientSampleId :



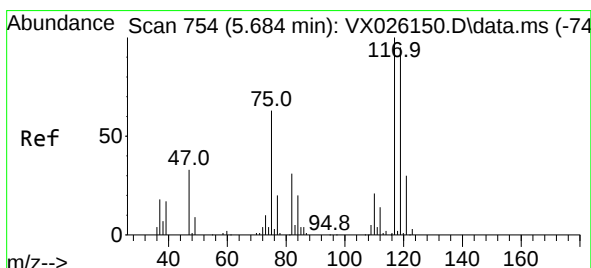
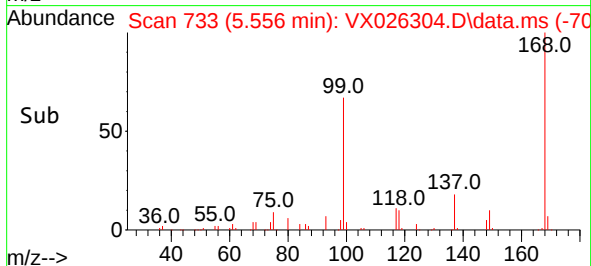
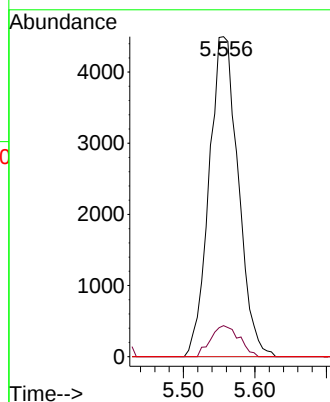
Tgt Ion: 75 Resp: 12736

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.337 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

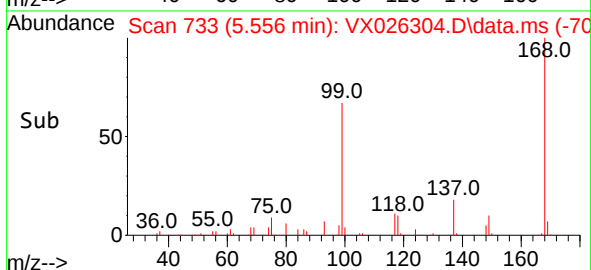
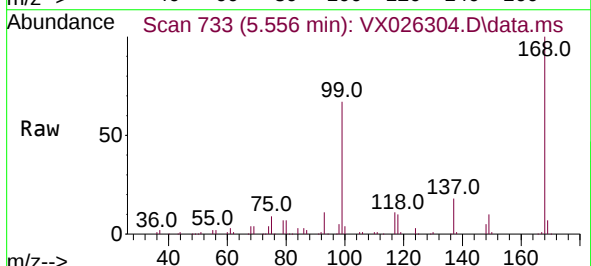
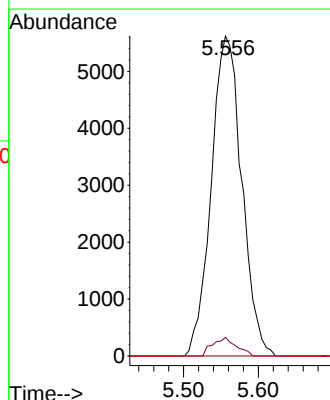
Tgt Ion: 117 Resp: 15936

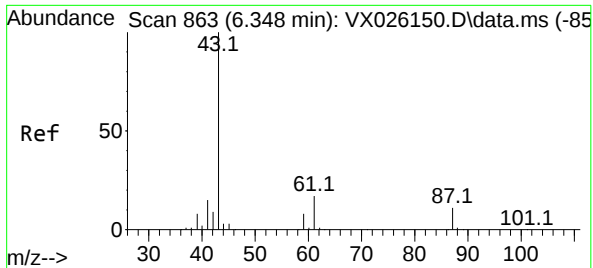
Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

121 0.0 23.8 35.8#

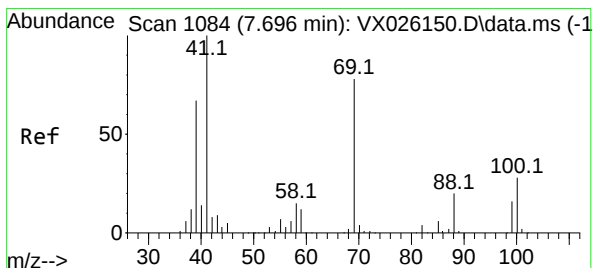
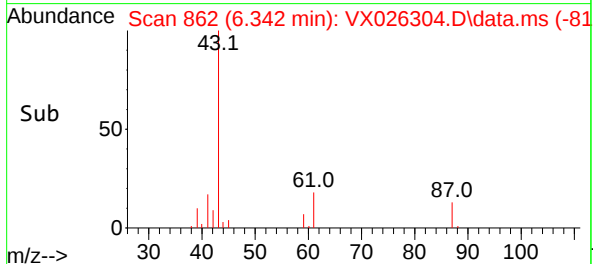
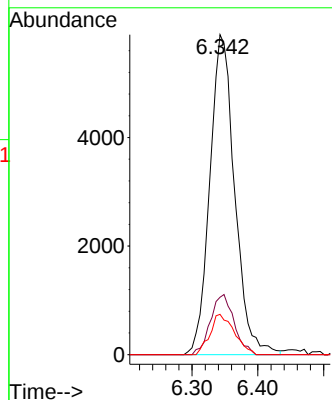
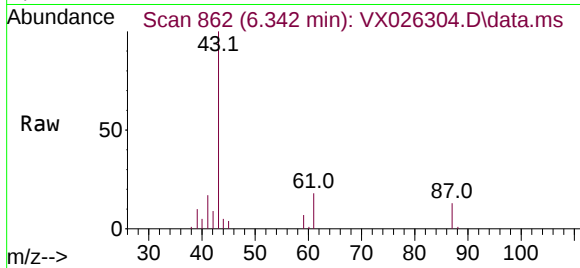




#43
Isopropyl Acetate
Concen: 3.065 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

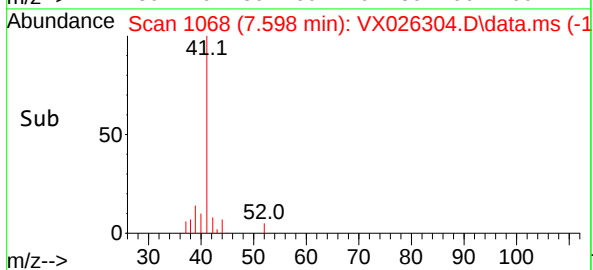
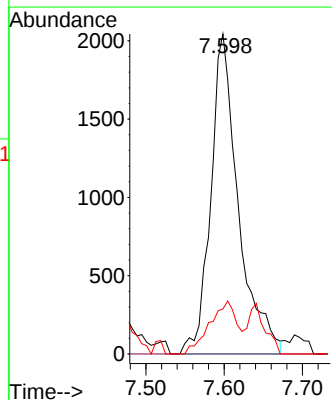
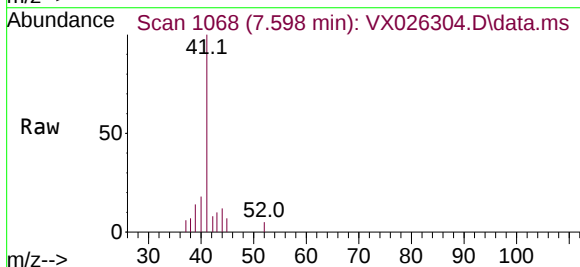
Instrument :
MSVOA_X
ClientSampleId :

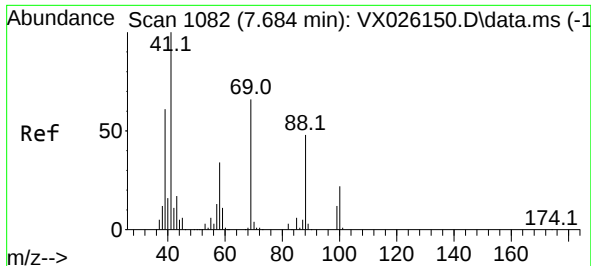
Tgt Ion: 43 Resp: 15548
Ion Ratio Lower Upper
43 100
61 17.8 15.7 23.5
87 12.3 11.2 16.8



#48
Methyl methacrylate
Concen: 2.058 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Tgt Ion: 41 Resp: 5006
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: 1.829 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

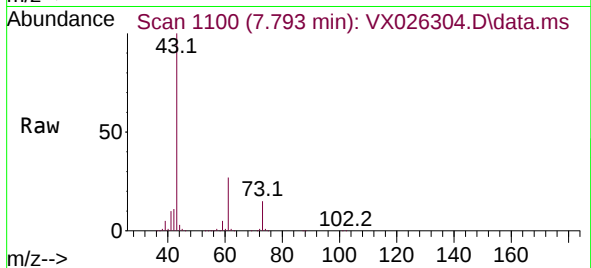
Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Instrument :

MSVOA_X

ClientSampleId :



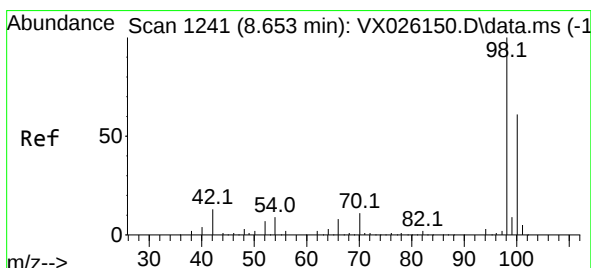
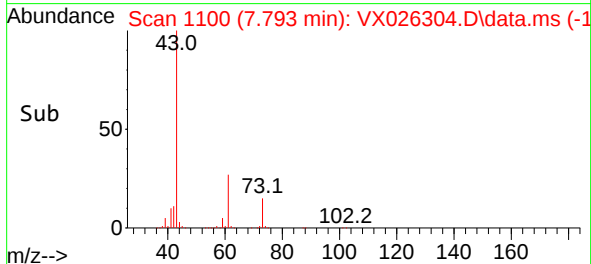
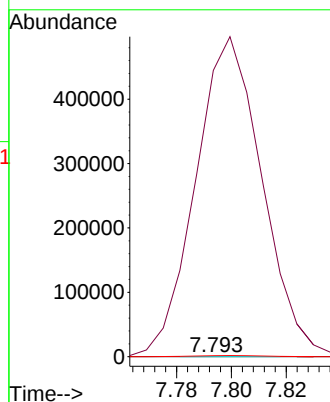
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

43 1029382.9 25.3 37.9#

58 3680.5 51.8 77.6#



#50

Toluene-d8

Concen: 47.731 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026304.D

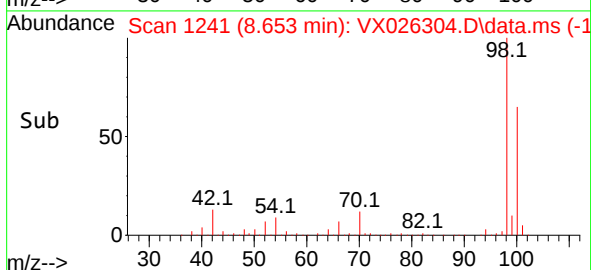
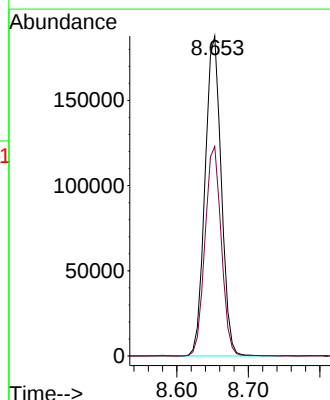
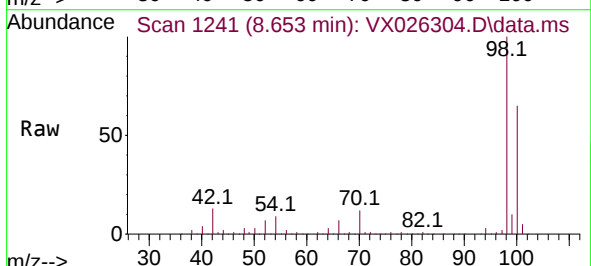
Acq: 05 Jan 2022 04:56

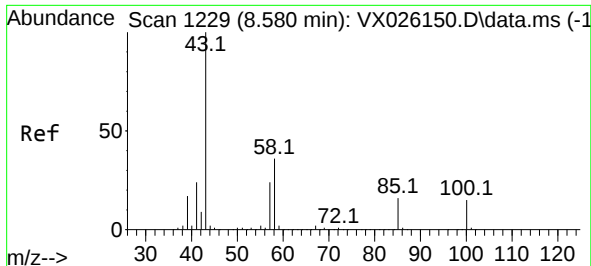
Tgt Ion: 98 Resp: 295495

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

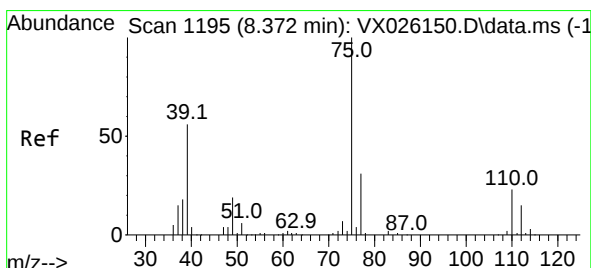
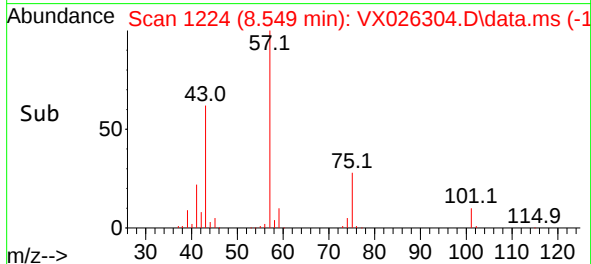
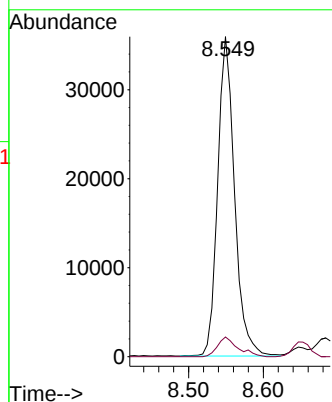
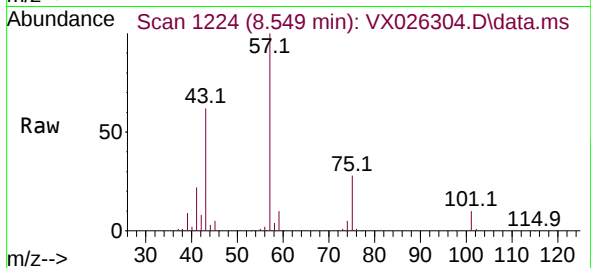




#51
4-Methyl-2-Pentanone
Concen: 17.841 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

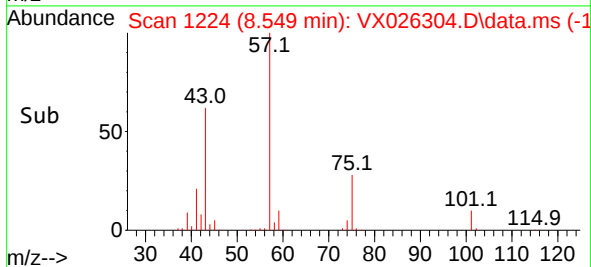
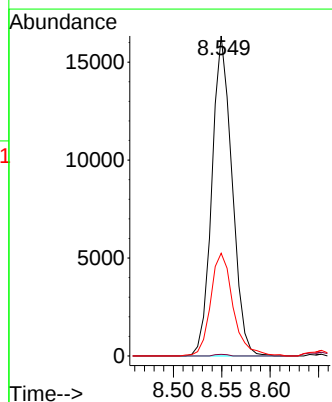
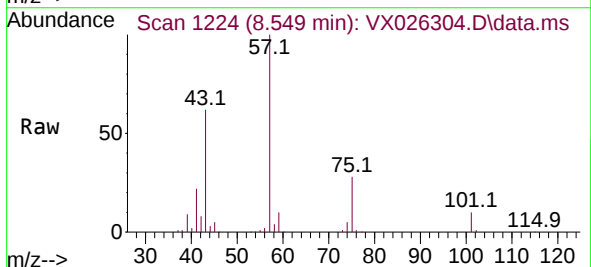
Instrument :
MSVOA_X
ClientSampleId :

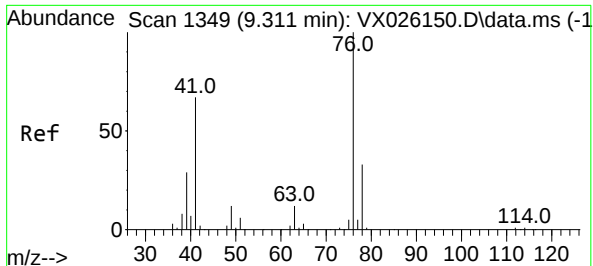
Tgt Ion: 43 Resp: 56322
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.570 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Tgt Ion: 75 Resp: 23662
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 32.1 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.097 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026304.D

Acq: 05 Jan 2022 04:56

Instrument :

MSVOA_X

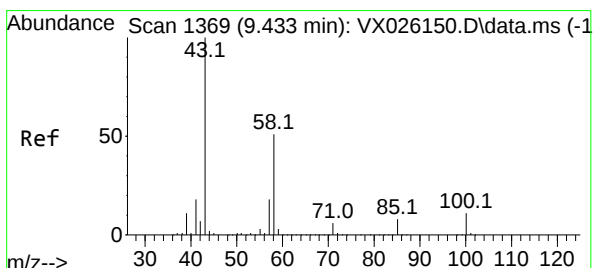
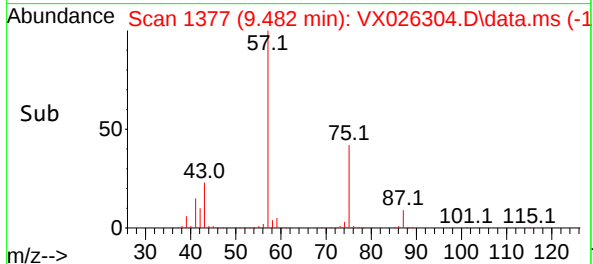
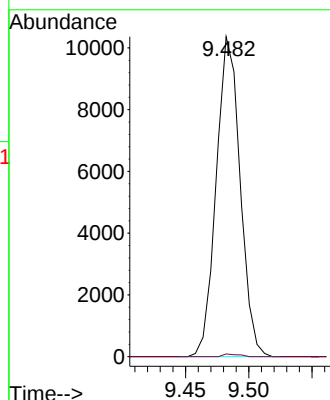
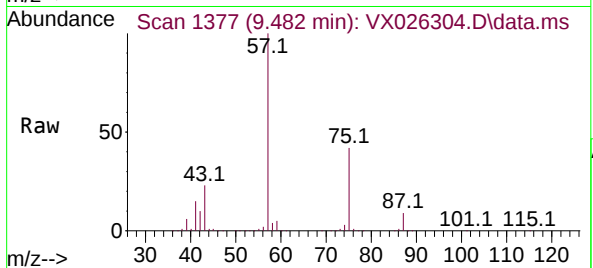
ClientSampleId :

Tgt Ion: 76 Resp: 13605

Ion Ratio Lower Upper

76 100

78 0.6 26.0 39.0#



#59

2-Hexanone

Concen: 3.076 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026304.D

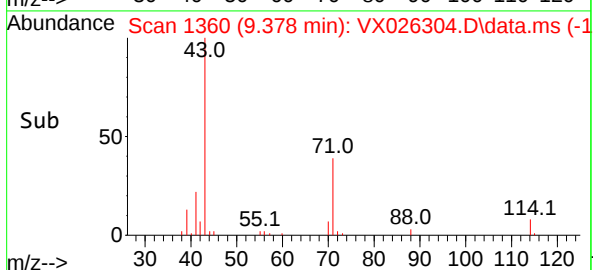
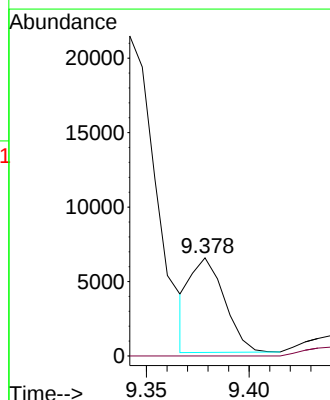
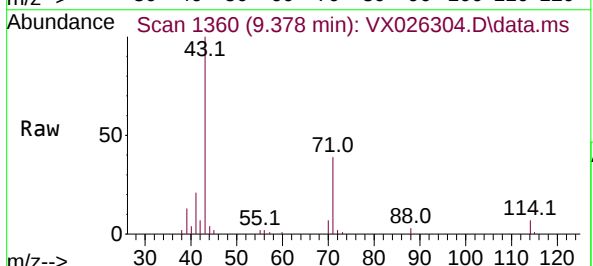
Acq: 05 Jan 2022 04:56

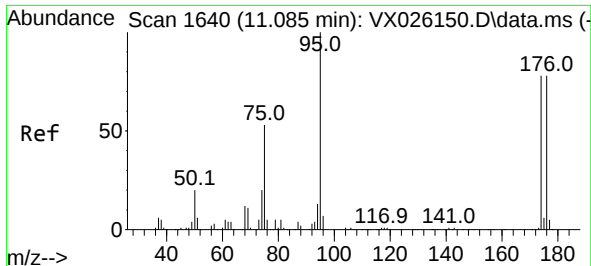
Tgt Ion: 43 Resp: 7355

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

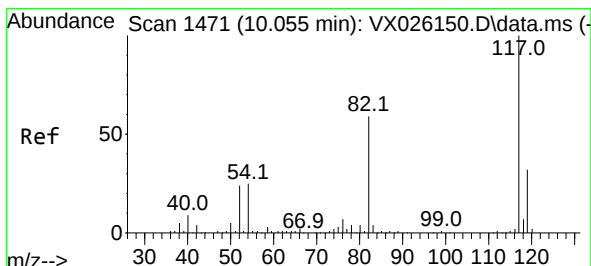
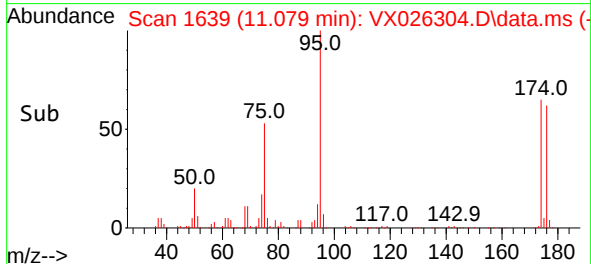
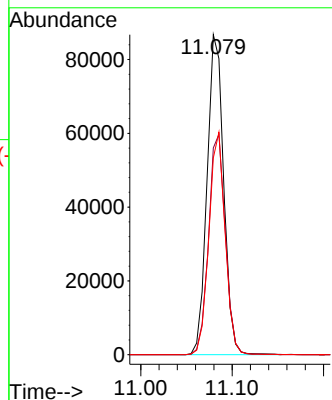
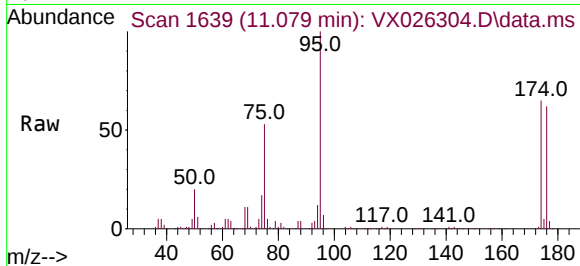




#62
4-Bromofluorobenzene
Concen: 49.436 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

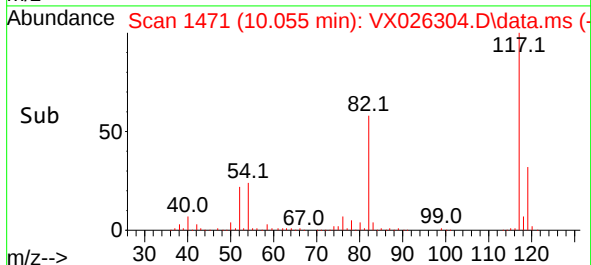
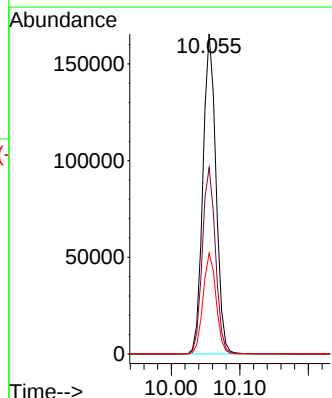
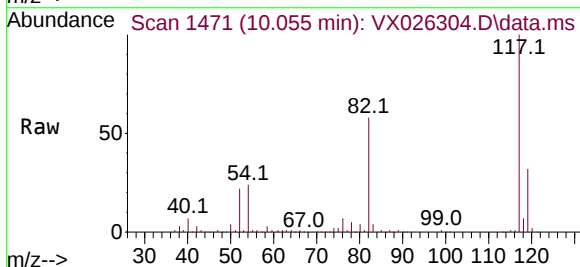
Instrument :
MSVOA_X
ClientSampleId :

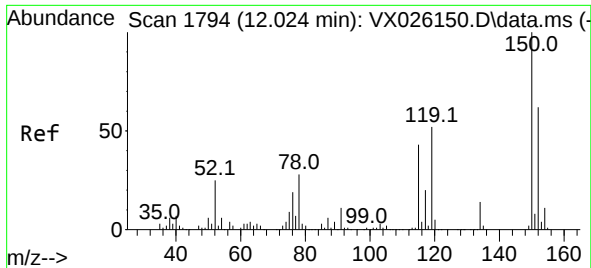
Tgt Ion: 95 Resp: 108951
Ion Ratio Lower Upper
95 100
174 69.7 0.0 157.4
176 68.0 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026304.D
Acq: 05 Jan 2022 04:56

Tgt Ion: 117 Resp: 219880
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.6
119 31.5 25.2 37.8

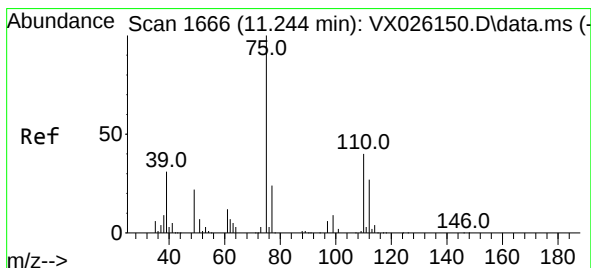
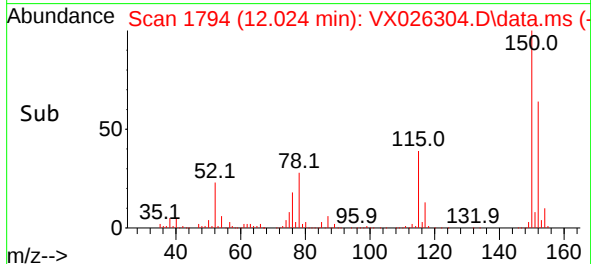
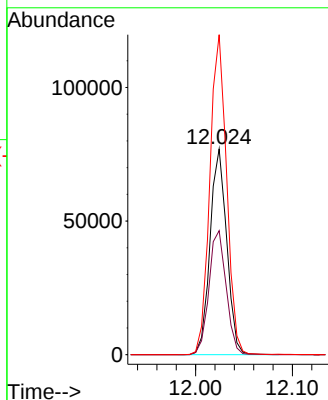
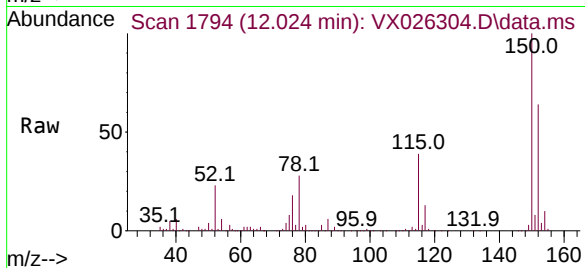




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026304.D
 Acq: 05 Jan 2022 04:56

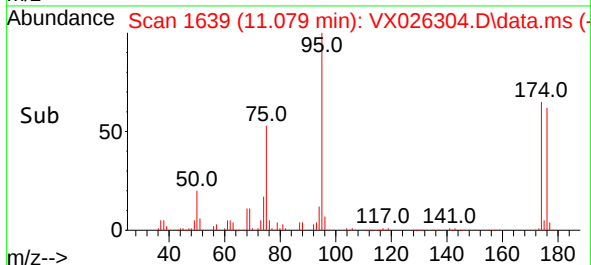
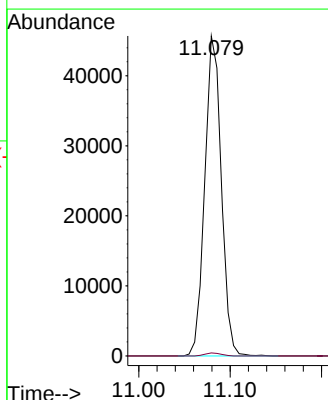
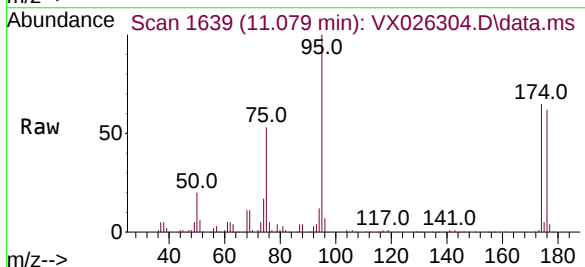
Instrument :
 MSVOA_X
 ClientSampleId :

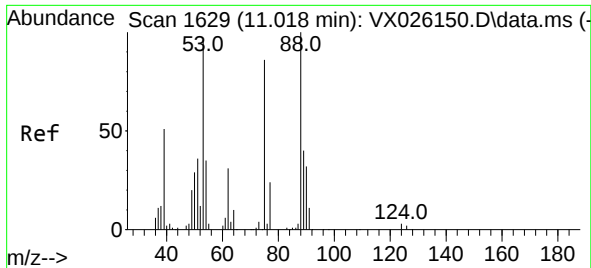
Tgt Ion:152 Resp: 92586
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.3 123.9
 150 156.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.630 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026304.D
 Acq: 05 Jan 2022 04:56

Tgt Ion: 75 Resp: 57278
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.148 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026304.D
 Acq: 05 Jan 2022 04:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 57278
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

