

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026993.D
 Acq On : 12 Feb 2022 01:44
 Operator : JC/MD
 Sample : N1470-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTY2-WC-ROLLOFF

Quant Time: Feb 12 04:42:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

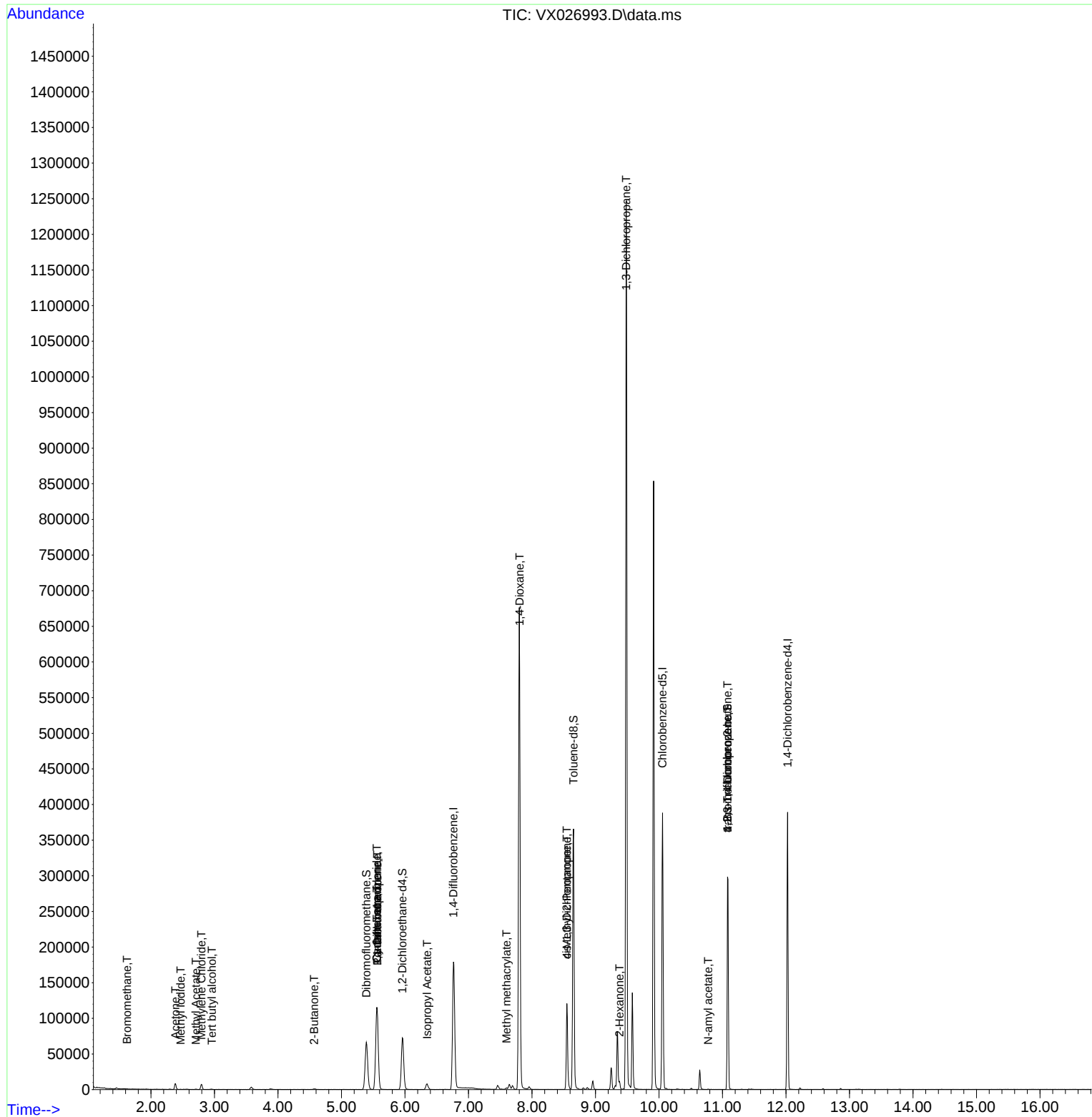
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

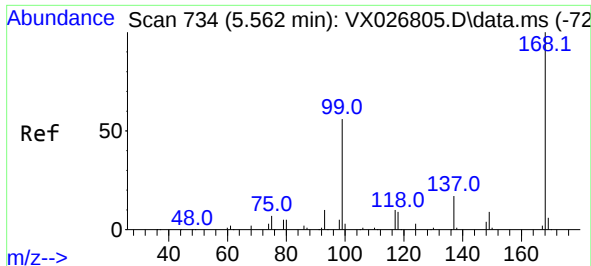
Internal Standards						
1) Pentafluorobenzene	5.562	168	108855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70819	54.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.400%	
35) Dibromofluoromethane	5.391	113	57519	52.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.980%	
50) Toluene-d8	8.653	98	218900	54.424	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	11.079	95	82630	58.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	145	0.296	ug/l	87
6) Chloroethane	1.715	64	108	Below Cal	#	43
10) Methyl Iodide	2.465	142	225	2.393	ug/l #	88
11) Tert butyl alcohol	2.959	59	435	1.843	ug/l #	75
16) Acetone	2.386	43	9374	16.334	ug/l	100
18) Methyl Acetate	2.709	43	809	0.490	ug/l #	84
20) Methylene Chloride	2.794	84	3295	2.650	ug/l	99
25) 2-Butanone	4.568	43	1717	1.857	ug/l #	85
31) Cyclohexane	5.556	56	2269	1.093	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	8331	4.819	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11505	6.347	ug/l #	16
43) Isopropyl Acetate	6.349	43	10935	3.618	ug/l	99
48) Methyl methacrylate	7.598	41	3575	2.387	ug/l #	16
49) 1,4-Dioxane	7.806	88	37	1.434	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	40909	22.334	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18545	9.943	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	10739	5.179	ug/l #	43
59) 2-Hexanone	9.378	43	6030	4.501	ug/l #	25
74) N-amyl acetate	10.775	43	500	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41609	24.822	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41609	75.736	ug/l #	3

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

Instrument :
MSVOA_X
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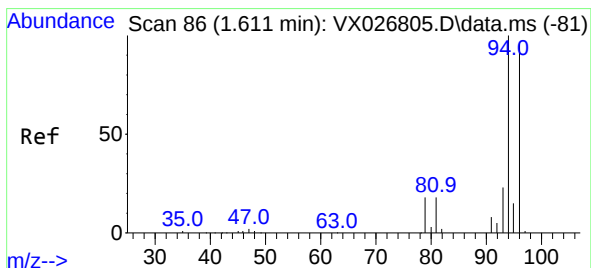
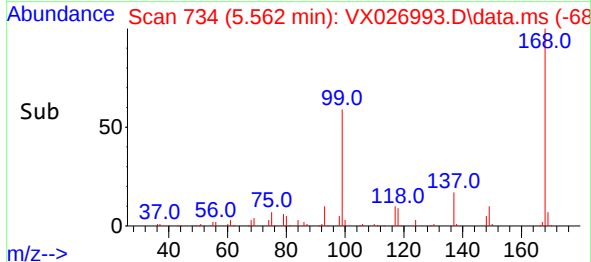
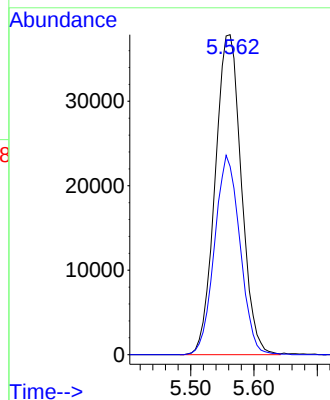
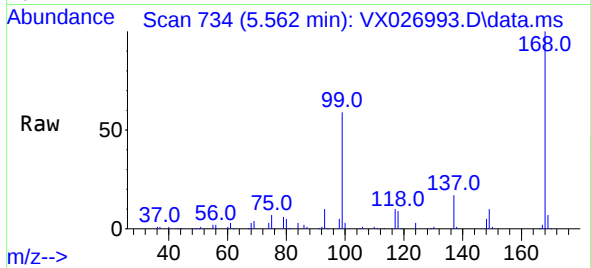




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

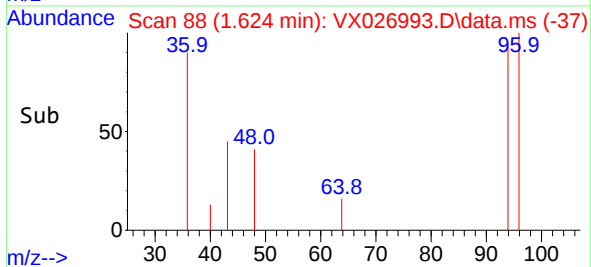
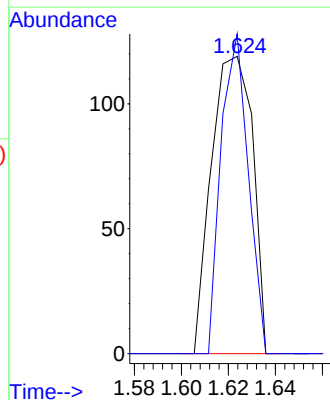
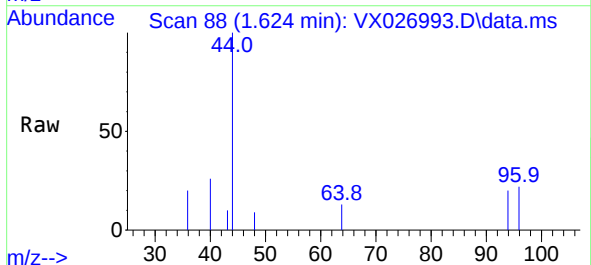
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

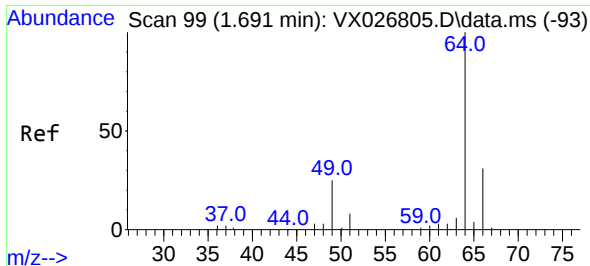
Tgt Ion:168 Resp: 108855
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 107.6 75.9 113.9

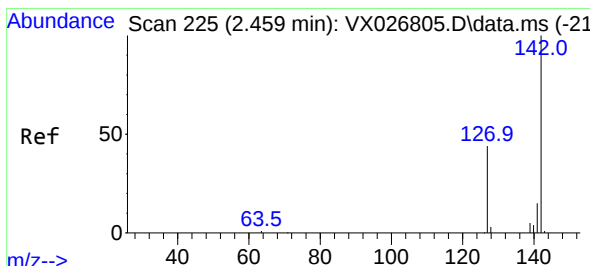
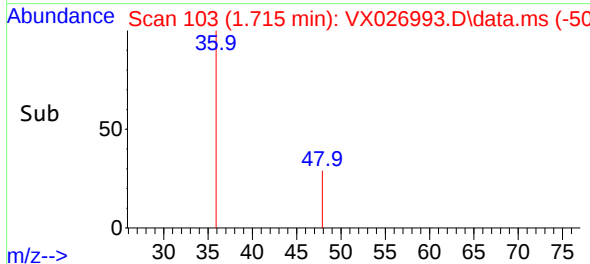
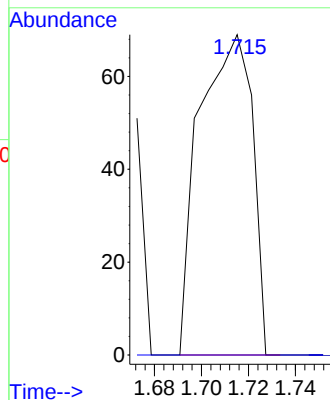
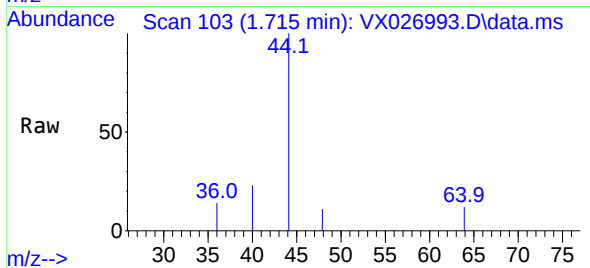




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.024 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

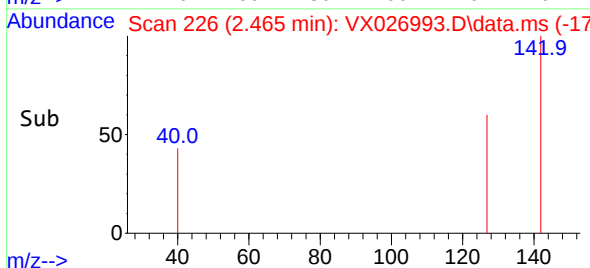
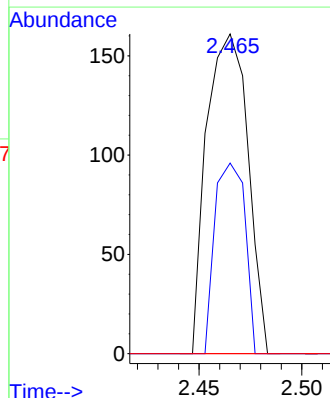
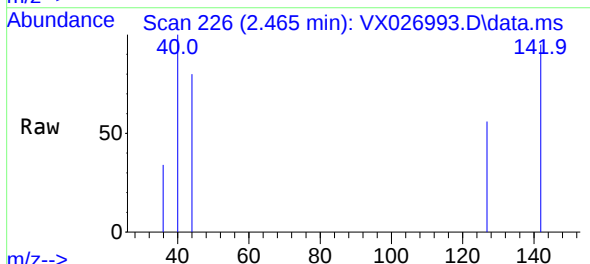
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

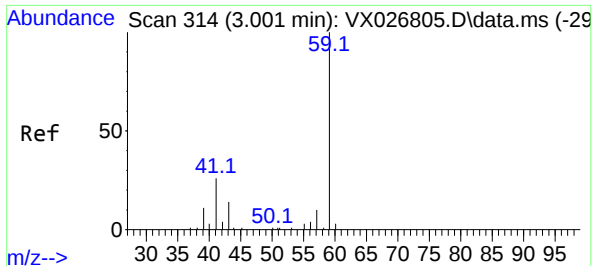
Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 2.393 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion: 142 Resp: 225
Ion Ratio Lower Upper
142 100
127 43.6 38.1 57.1
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 1.843 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

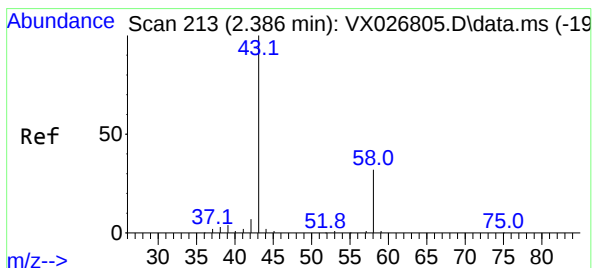
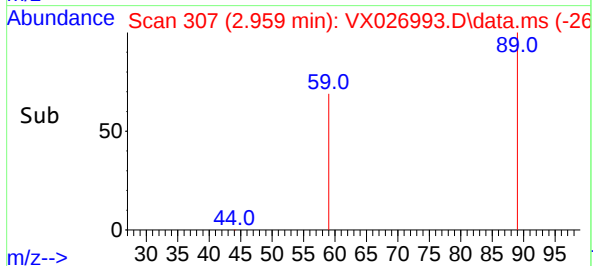
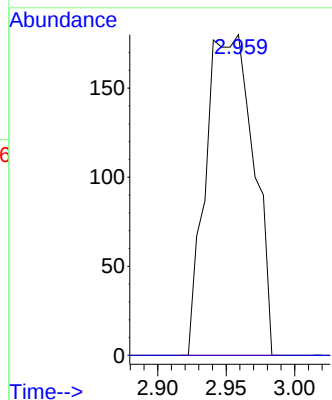
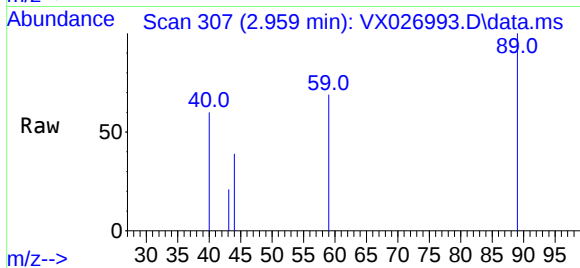
CTY2-WC-ROLLOFF

Tgt Ion: 59 Resp: 435

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 16.334 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026993.D

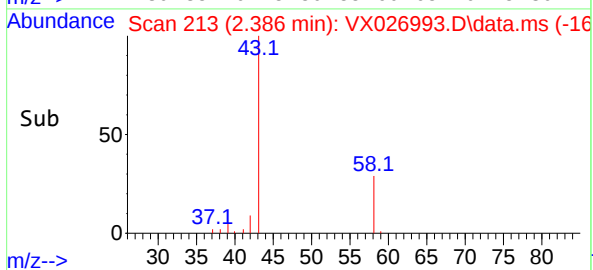
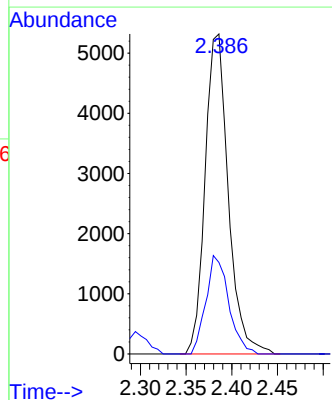
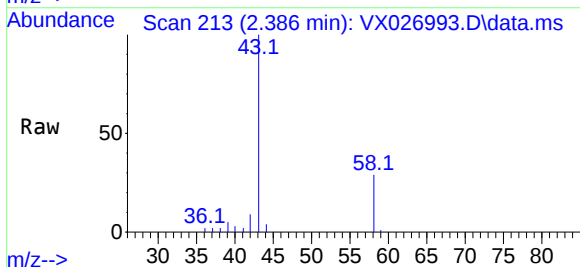
Acq: 12 Feb 2022 01:44

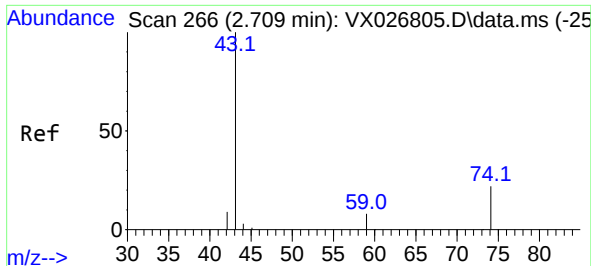
Tgt Ion: 43 Resp: 9374

Ion Ratio Lower Upper

43 100

58 28.6 23.0 34.6





#18

Methyl Acetate

Concen: 0.490 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

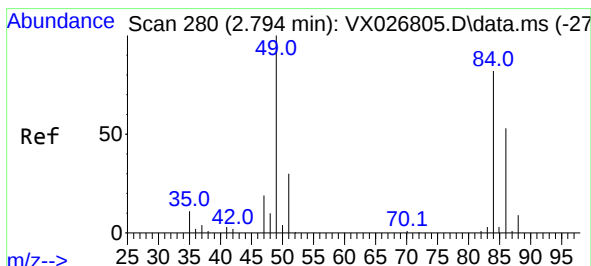
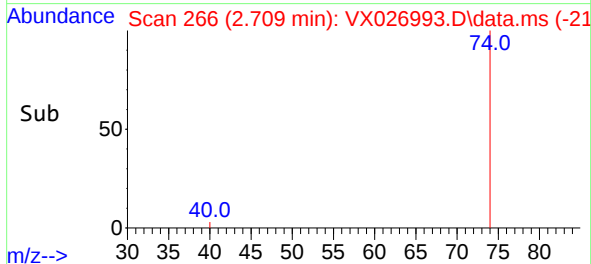
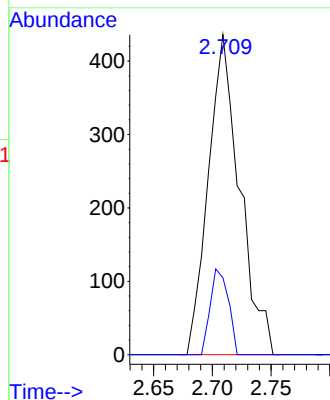
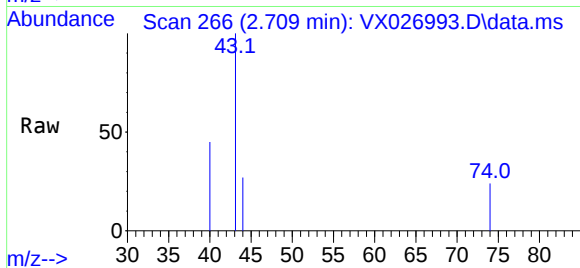
CTY2-WC-ROLLOFF

Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

74 15.3 18.3 27.5#



#20

Methylene Chloride

Concen: 2.650 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Tgt Ion: 84 Resp: 3295

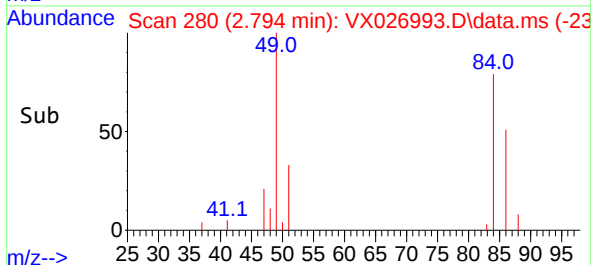
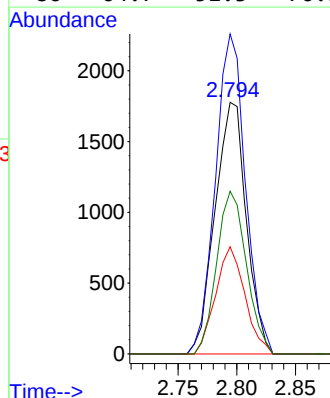
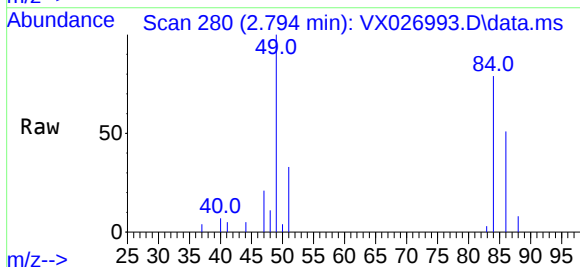
Ion Ratio Lower Upper

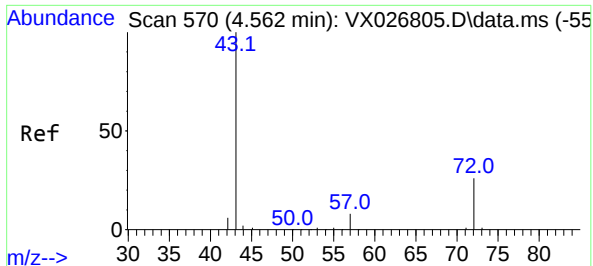
84 100

49 127.2 101.5 152.3

51 42.6 31.2 46.8

86 64.7 51.3 76.9





#25

2-Butanone

Concen: 1.857 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

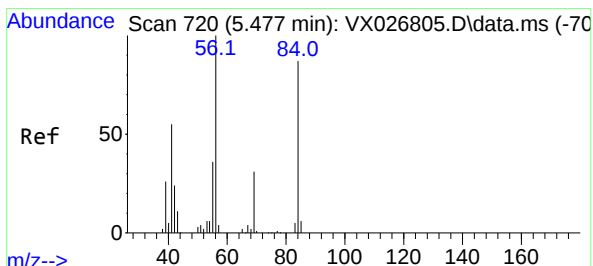
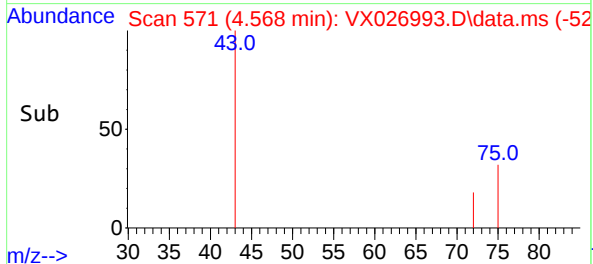
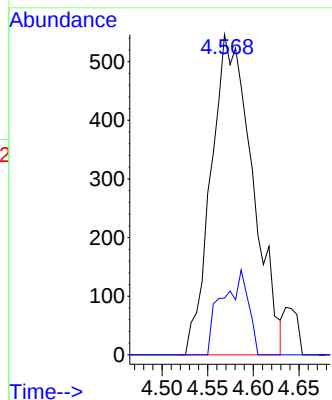
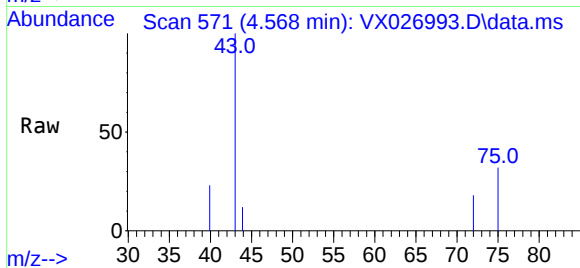
CTY2-WC-ROLLOFF

Tgt Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

72 17.8 20.4 30.6#



#31

Cyclohexane

Concen: 1.093 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

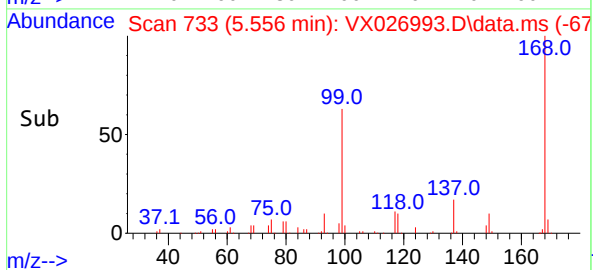
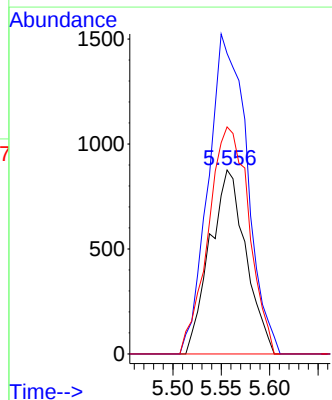
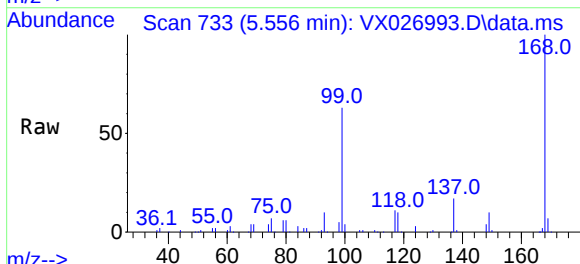
Tgt Ion: 56 Resp: 2269

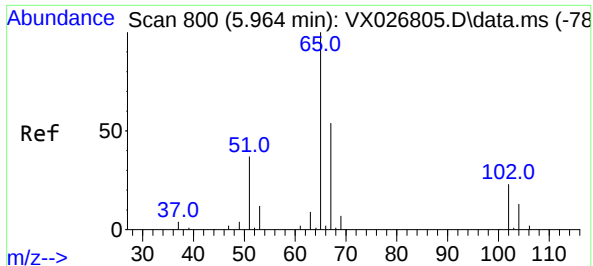
Ion Ratio Lower Upper

56 100

69 163.4 25.8 38.6#

84 123.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.197 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

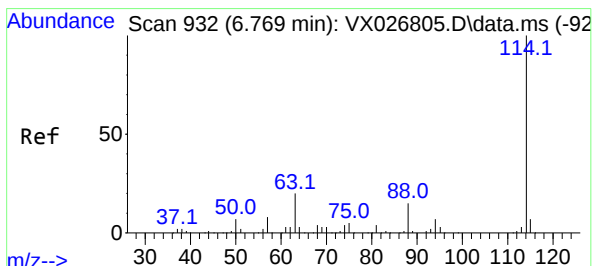
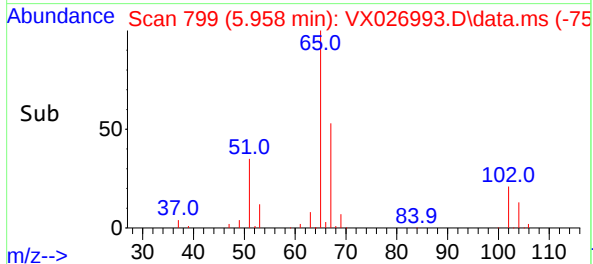
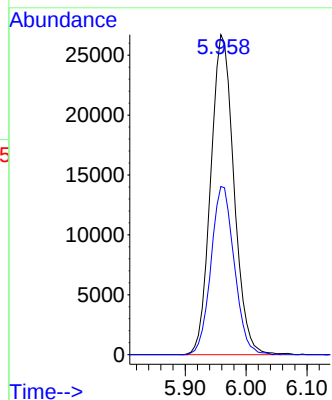
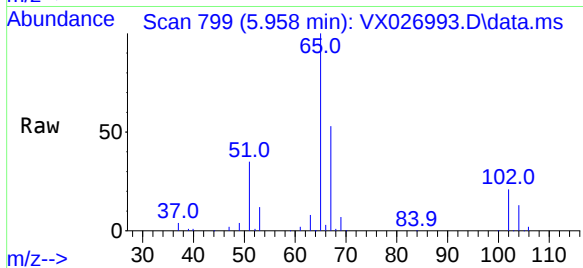
CTY2-WC-ROLLOFF

Tgt Ion: 65 Resp: 70819

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

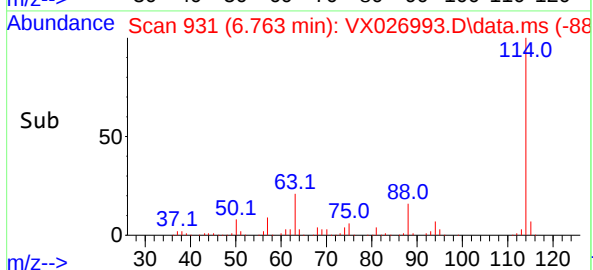
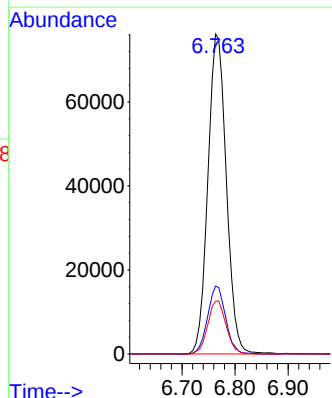
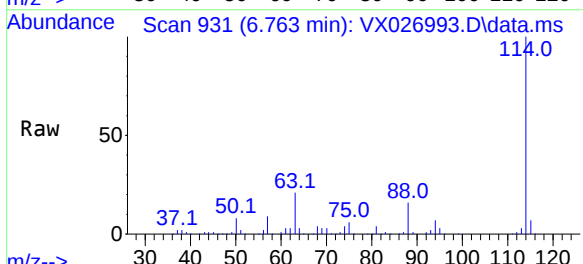
Tgt Ion: 114 Resp: 183917

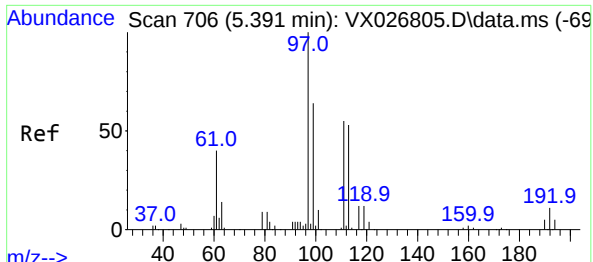
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

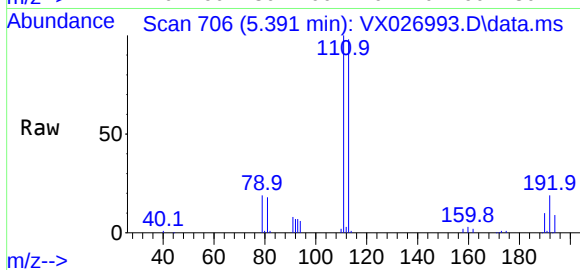
88 16.4 0.0 33.0



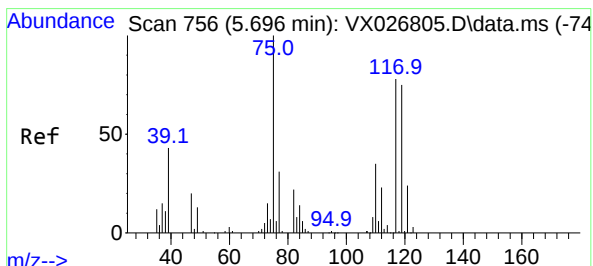
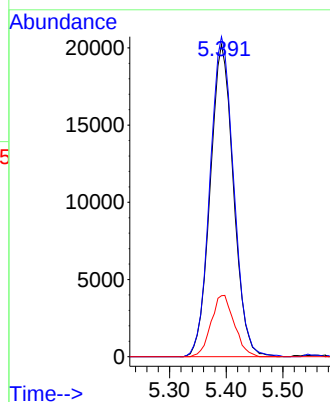
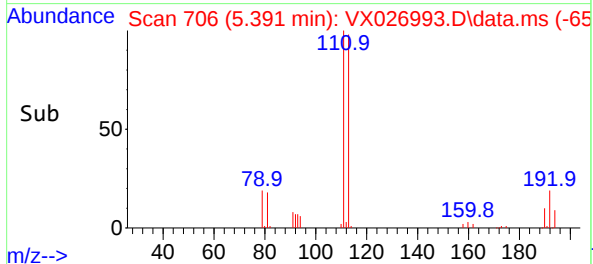


#35
Dibromofluoromethane
Concen: 52.493 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

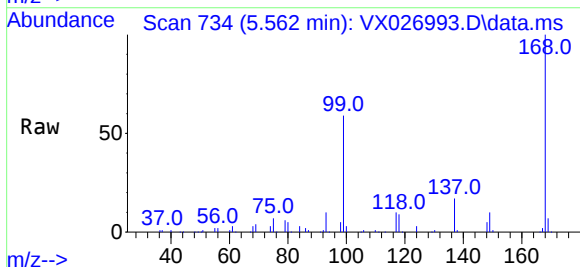
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF



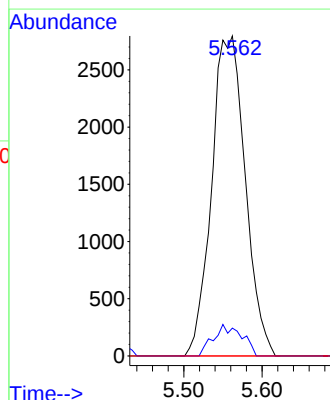
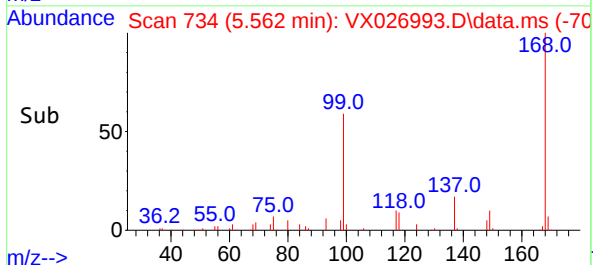
Tgt Ion:113 Resp: 57519
Ion Ratio Lower Upper
113 100
111 104.5 81.2 121.8
192 19.6 15.0 22.4

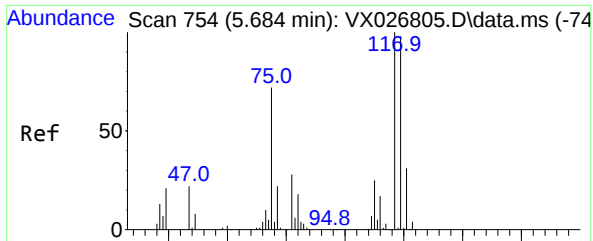


#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44



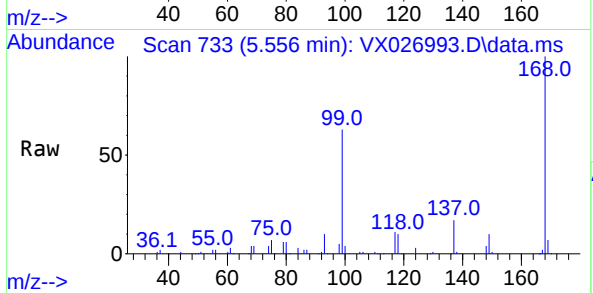
Tgt Ion: 75 Resp: 8331
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.6#
77 0.0 24.6 36.8#



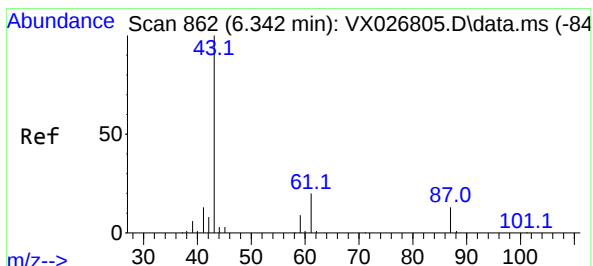
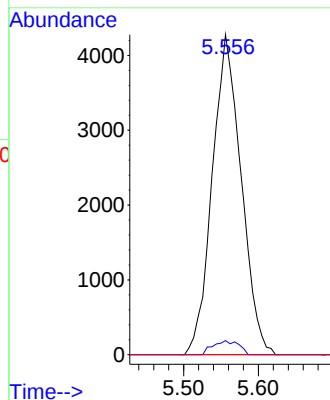
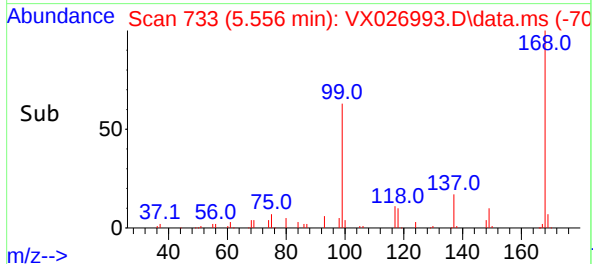


#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

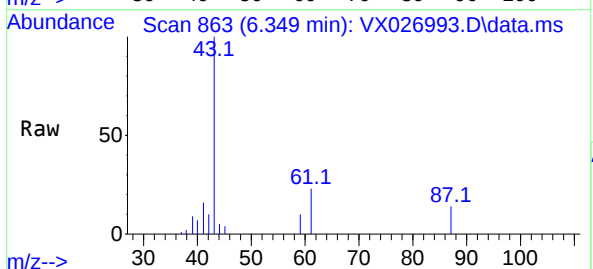
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF



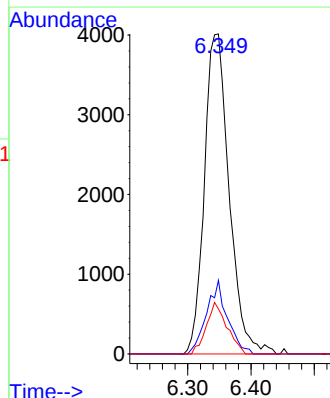
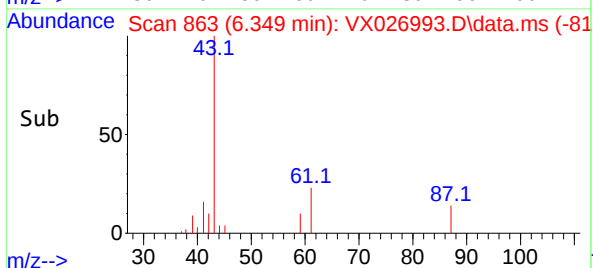
Tgt Ion:117 Resp: 11505
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#

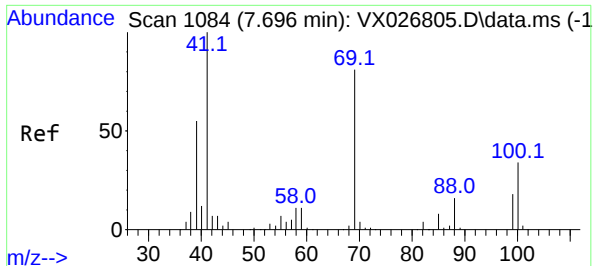


#43
Isopropyl Acetate
Concen: 3.618 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44



Tgt Ion: 43 Resp: 10935
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 13.4 10.2 15.2





#48

Methyl methacrylate

Concen: 2.387 ug/l

RT: 7.598 min Scan# 1102

Delta R.T. -0.097 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

CTY2-WC-ROLLOFF

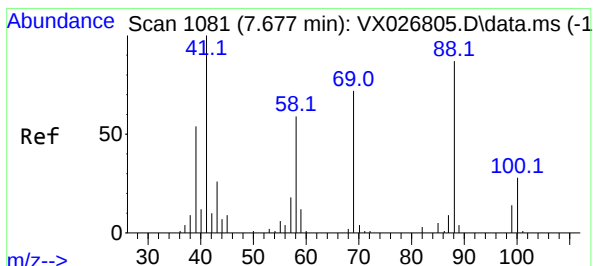
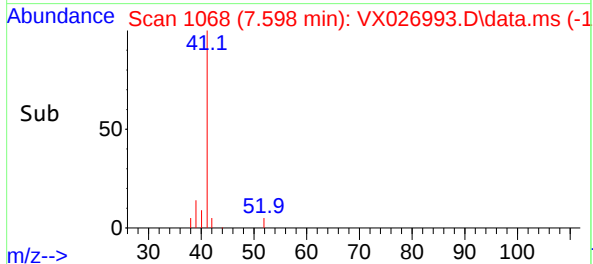
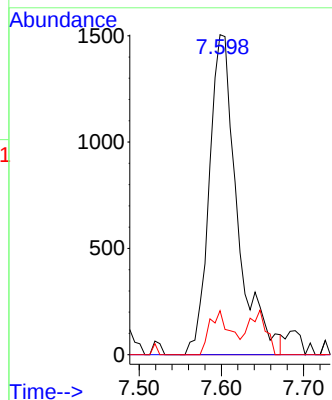
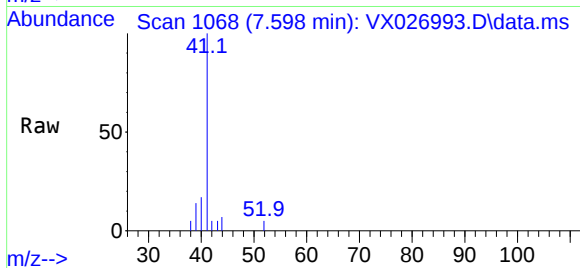
Tgt Ion: 41 Resp: 3575

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 1.434 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.128 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

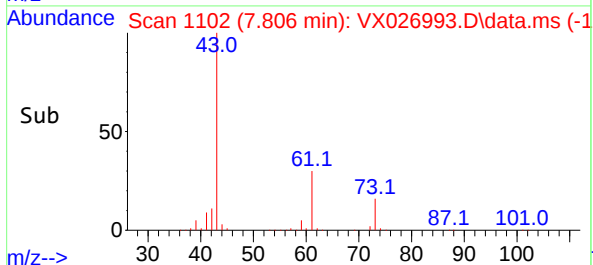
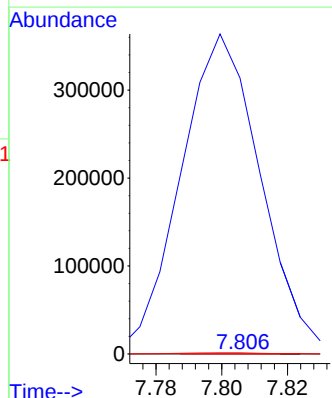
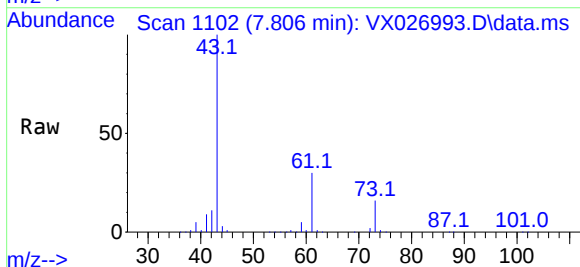
Tgt Ion: 88 Resp: 37

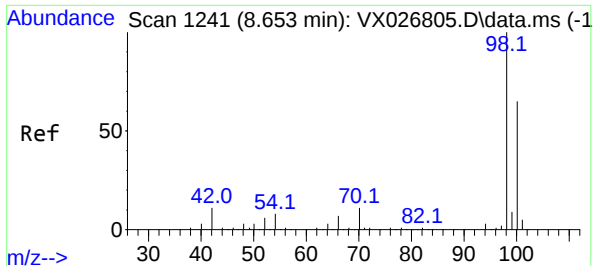
Ion Ratio Lower Upper

88 100

43 1683435.1 29.9 44.9#

58 6662.2 57.8 86.6#

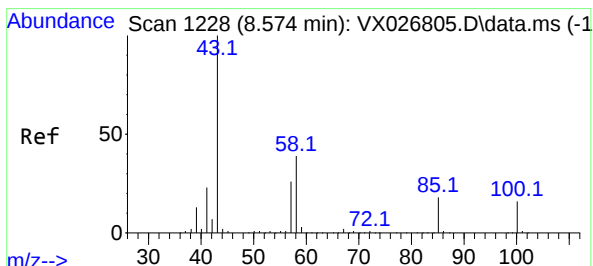
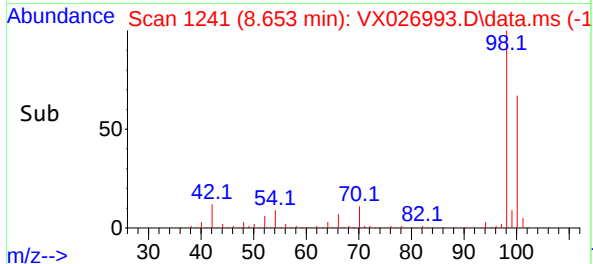
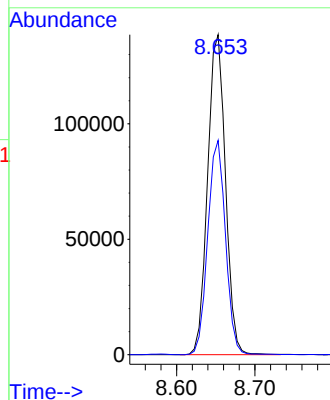
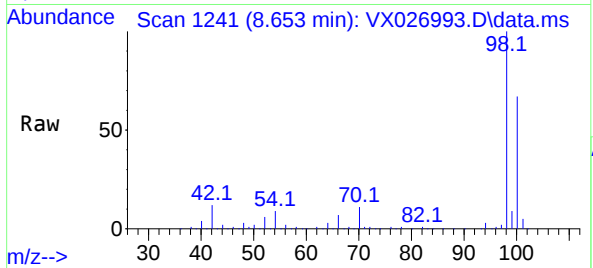




#50
Toluene-d8
Concen: 54.424 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

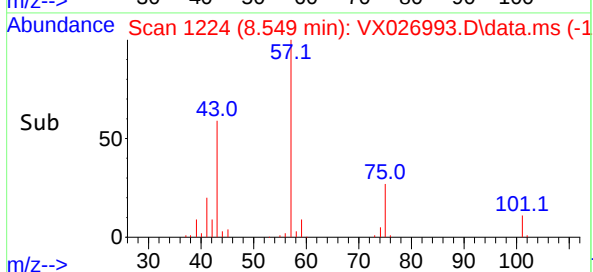
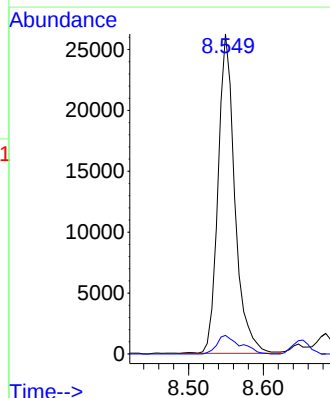
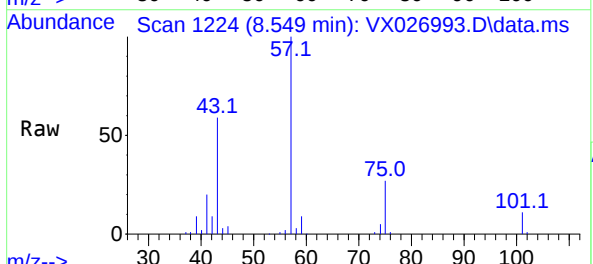
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

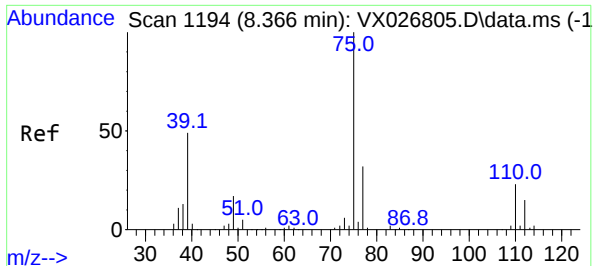
Tgt Ion: 98 Resp: 218900
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 22.334 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion: 43 Resp: 40909
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#

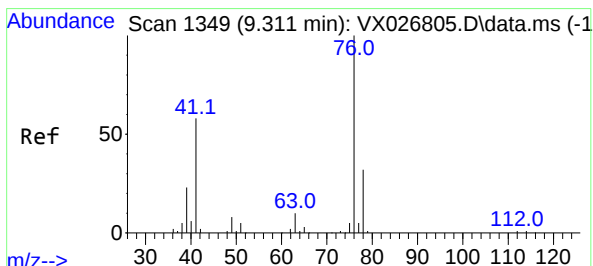
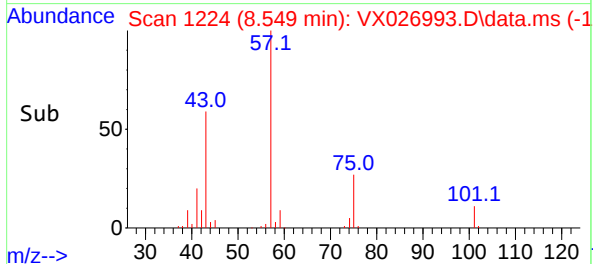
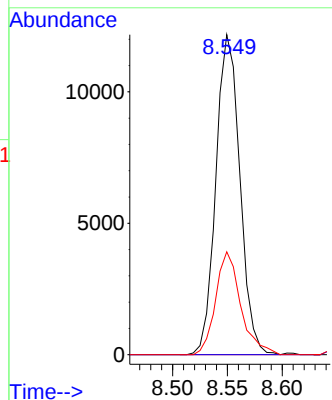
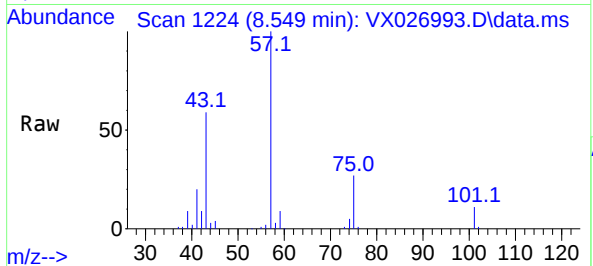




#54
cis-1,3-Dichloropropene
Concen: 9.943 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

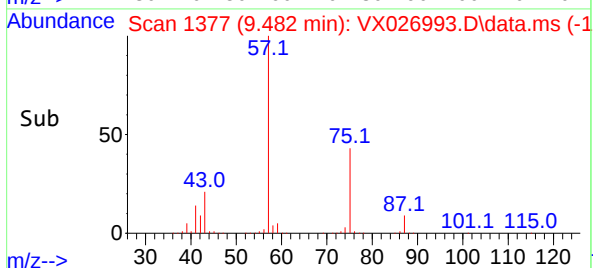
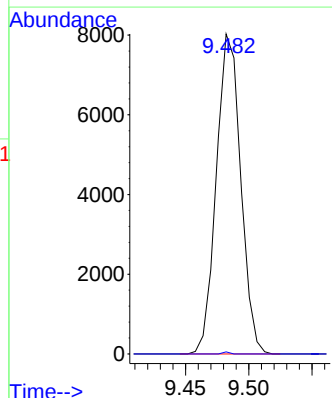
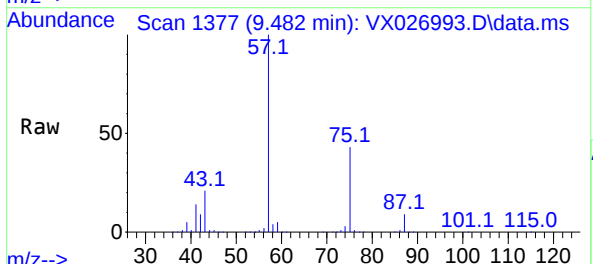
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

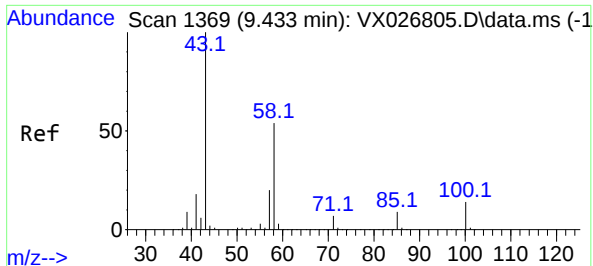
Tgt Ion: 75 Resp: 18545
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 32.2 43.5 65.3#



#57
1,3-Dichloropropane
Concen: 5.179 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion: 76 Resp: 10739
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#





#59

2-Hexanone

Concen: 4.501 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

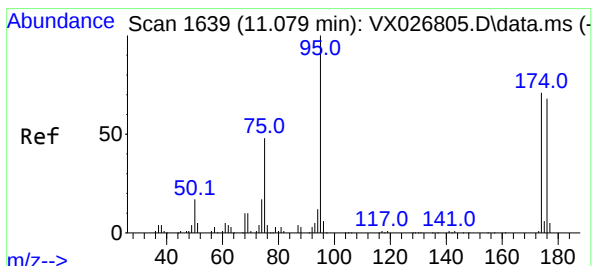
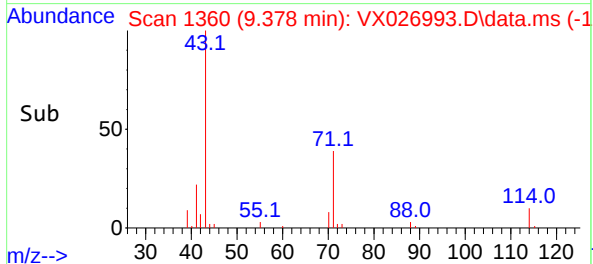
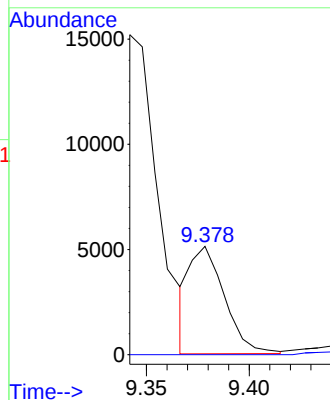
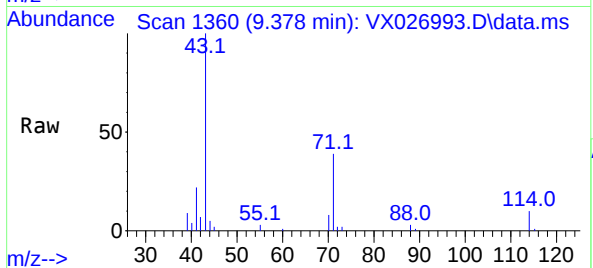
CTY2-WC-ROLLOFF

Tgt Ion: 43 Resp: 6030

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 58.352 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026993.D

Acq: 12 Feb 2022 01:44

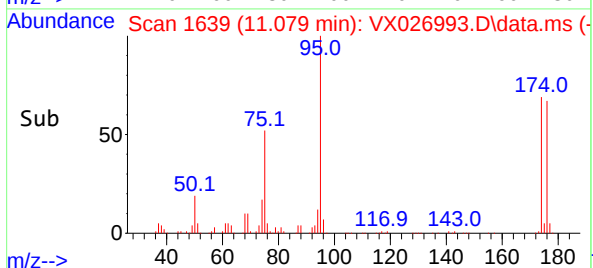
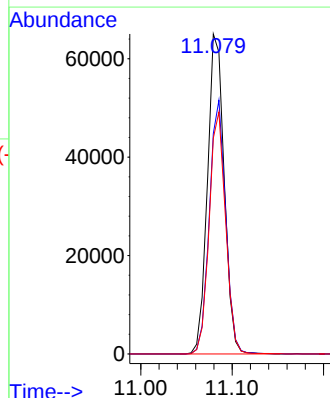
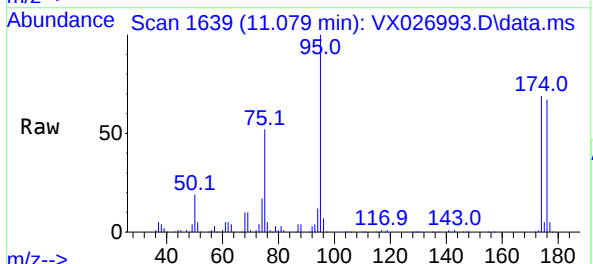
Tgt Ion: 95 Resp: 82630

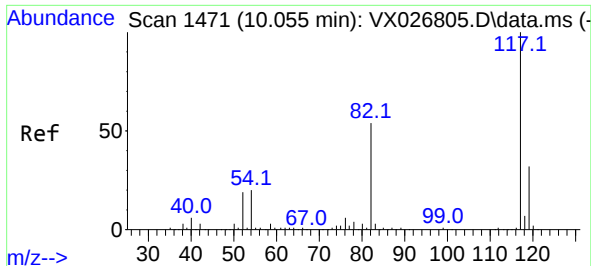
Ion Ratio Lower Upper

95 100

174 77.5 0.0 148.6

176 74.1 0.0 141.4

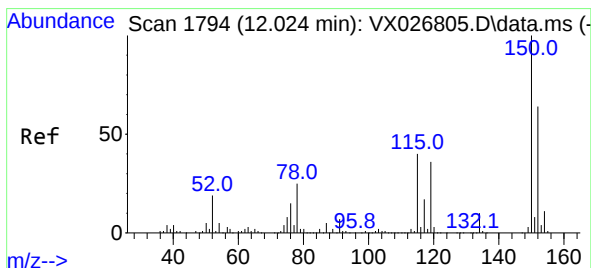
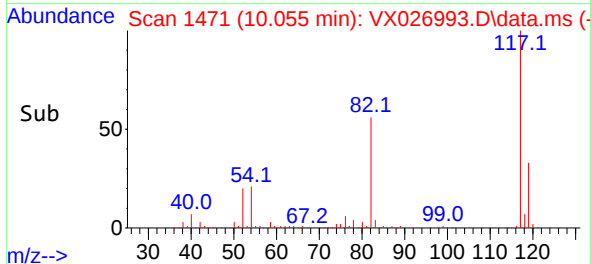
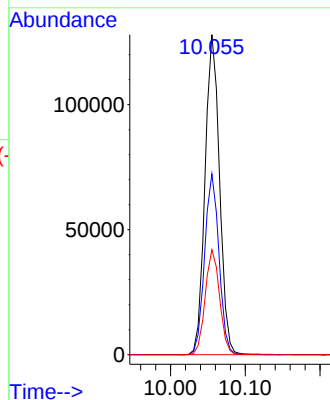
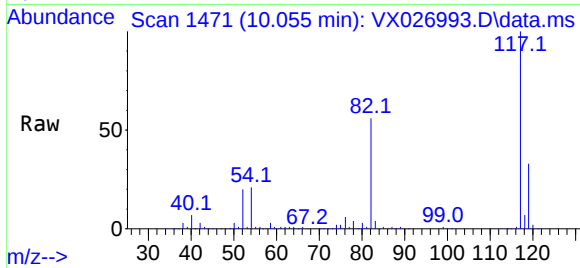




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

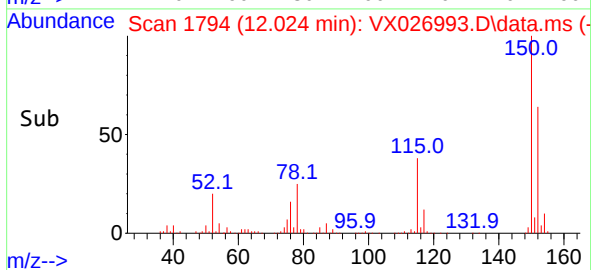
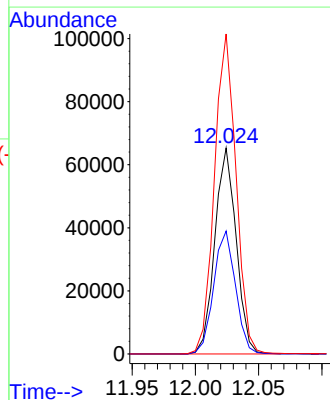
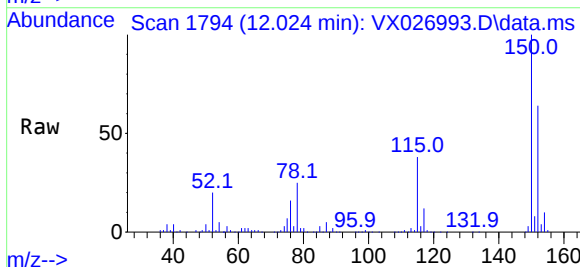
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

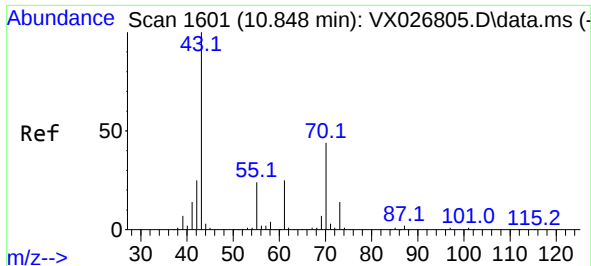
Tgt Ion:117 Resp: 172439
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion:152 Resp: 76577
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.6 0.0 348.2

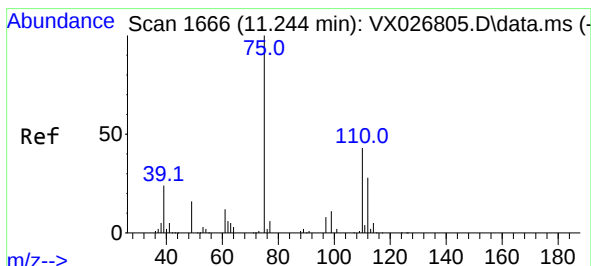
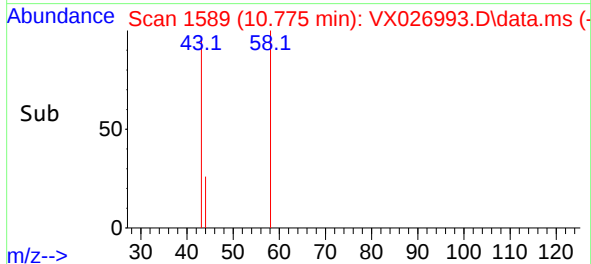
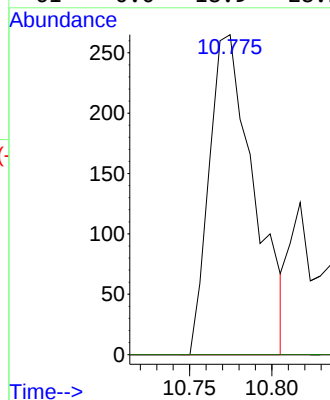
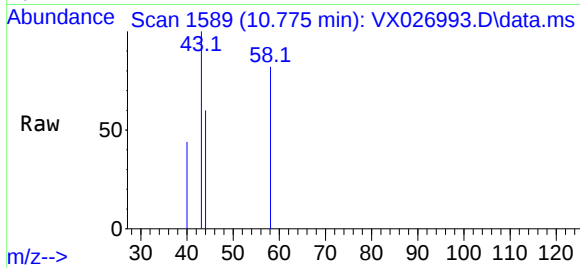




#74
N-amy1 acetate
Concen: 0.207 ug/l
RT: 10.775 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

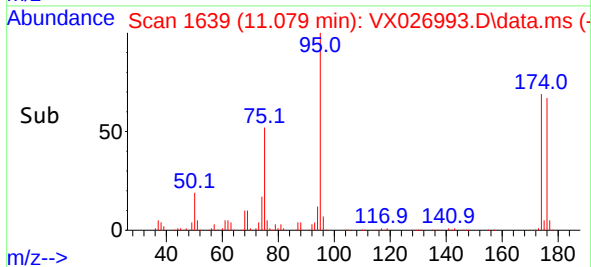
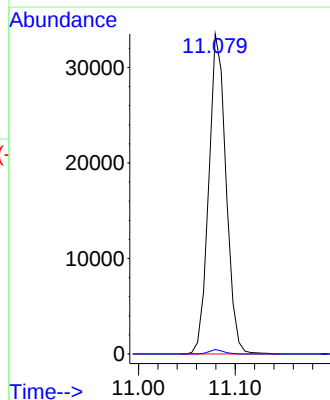
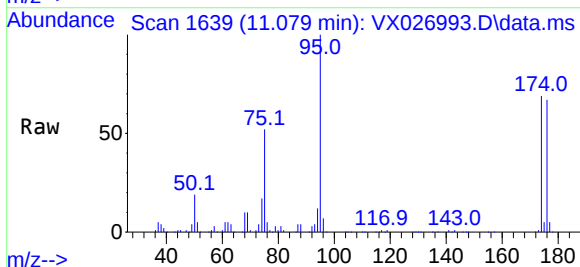
Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

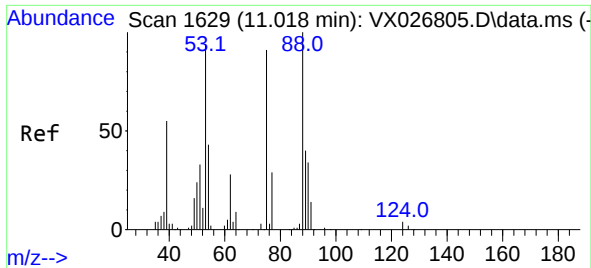
Tgt Ion: 43	Resp:	500
Ion	Ratio	Lower Upper
43	100	
70	0.0	32.9 49.3#
55	0.0	18.3 27.5#
61	0.0	18.9 28.3#



#76
1,2,3-Trichloropropane
Concen: 24.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Tgt Ion: 75	Resp:	41609
Ion	Ratio	Lower Upper
75	100	
77	1.2	18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.736 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026993.D
Acq: 12 Feb 2022 01:44

Instrument :
MSVOA_X
ClientSampleId :
CTY2-WC-ROLLOFF

Tgt Ion: 75 Resp: 41609
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

