

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015876.D
 Acq On : 23 Apr 2020 05:51
 Operator : JC/SP
 Sample : L2380-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

Quant Time: Apr 23 06:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	956726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1490195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1431038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	716889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	585268	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
35) Dibromofluoromethane	5.47	113	462701	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
50) Toluene-d8	8.70	98	1760112	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	707407	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	446814	54.560	ug/l	99
3) Chloromethane	1.31	50	426862	50.894	ug/l	98
4) Vinyl Chloride	1.39	62	478395	49.278	ug/l	100
5) Bromomethane	1.62	94	167358	51.400	ug/l	97
6) Chloroethane	1.71	64	285199	51.553	ug/l	100
7) Trichlorofluoromethane	1.92	101	627346	52.084	ug/l	97
8) Diethyl Ether	2.17	74	252863	51.768	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	402866	49.306	ug/l	99
10) Methyl Iodide	2.49	142	409755	40.591	ug/l	99
11) Tert butyl alcohol	3.01	59	596968	268.510	ug/l	100
12) 1,1-Dichloroethene	2.36	96	417252	49.793	ug/l	99
13) Acrolein	2.27	56	236535	179.806	ug/l #	70
14) Allyl chloride	2.71	41	872285	48.986	ug/l	99
15) Acrylonitrile	3.12	53	1404717	272.205	ug/l	98
16) Acetone	2.42	43	1185070	250.119	ug/l	97
17) Carbon Disulfide	2.55	76	1177152	38.683	ug/l	99
18) Methyl Acetate	2.75	43	745784	47.679	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2108310	71.268	ug/l #	51
20) Methylene Chloride	2.84	84	480159	49.920	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	465729	50.092	ug/l	95
22) Diisopropyl ether	3.83	45	1678374	52.294	ug/l	94
23) Vinyl Acetate	3.79	43	6615042	249.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	874331	52.267	ug/l	99
25) 2-Butanone	4.64	43	1946062	259.860	ug/l	98
26) 2,2-Dichloropropane	4.56	77	526380	35.226	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	539565	51.118	ug/l	98
28) Bromochloromethane	4.98	49	398419	45.390	ug/l #	97
29) Tetrahydrofuran	5.09	42	1284450	259.307	ug/l	100
30) Chloroform	5.18	83	929700	55.238	ug/l	97
31) Cyclohexane	5.55	56	1811578	113.951	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	773971	51.576	ug/l	99
36) 1,1-Dichloropropene	5.78	75	652735	49.409	ug/l	98
37) Ethyl Acetate	4.79	43	780103	49.617	ug/l	99
38) Carbon Tetrachloride	5.76	117	661184	50.810	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2179444	130.274	ug/l	98
40) Benzene	6.12	78	8724318	219.264	ug/l	98
41) Methacrylonitrile	5.01	41	455094	52.090	ug/l	98
42) 1,2-Dichloroethane	6.17	62	767468	53.564	ug/l	96
43) Isopropyl Acetate	6.42	43	1344961	50.712	ug/l	99
44) Trichloroethene	7.19	130	642979	45.983	ug/l	96
45) 1,2-Dichloropropane	7.50	63	539753	51.763	ug/l	100
46) Dibromomethane	7.64	93	355674	46.726	ug/l #	90
47) Bromodichloromethane	7.88	83	683705	50.490	ug/l	98
48) Methyl methacrylate	7.75	41	821597	62.978	ug/l #	89
49) 1,4-Dioxane	7.72	88	223232	905.414	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	3948163	257.907	ug/l	99
52) Toluene	8.77	92	1334231	52.315	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	800161	47.624	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	830656	46.777	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	498002	50.006	ug/l	99
56) Ethyl methacrylate	9.16	69	926706	54.937	ug/l	91
57) 1,3-Dichloropropane	9.36	76	869822	50.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.42	63	4918	0.584	ug/l	93
59) 2-Hexanone	9.48	43	2927701	251.044	ug/l	98
60) Dibromochloromethane	9.57	129	554801	53.946	ug/l	97
61) 1,2-Dibromoethane	9.65	107	545052	49.521	ug/l	98
64) Tetrachloroethene	9.32	164	775435	40.201	ug/l	97
65) Chlorobenzene	10.12	112	1386090	48.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	525164	49.096	ug/l	97
67) Ethyl Benzene	10.34	91	13616345	270.960	ug/l #	42
68) m/p-Xylenes	10.35	106	8068551	427.761	ug/l	79
69) o-Xylene	10.68	106	5535303	298.214	ug/l	92
70) Styrene	10.70	104	1764676	54.907	ug/l #	56
71) Bromoform	10.84	173	387117	55.538	ug/l #	98
73) Isopropylbenzene	11.00	105	14838910	325.918	ug/l	77
74) N-amyl acetate	10.88	43	1142487	48.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	553620	57.456	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	859954	63.083	ug/l	82
77) Bromobenzene	11.24	156	621424	49.953	ug/l	97
78) n-propylbenzene	11.34	91	15933705	305.499	ug/l #	65
79) 2-Chlorotoluene	11.41	91	1827173	58.321	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	10498451	270.423	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	223859	39.502	ug/l	98
82) 4-Chlorotoluene	11.49	91	2770023	74.405	ug/l	81
83) tert-Butylbenzene	11.76	119	1844398	53.559	ug/l	98
84) 1,2,4-Trimethylbenzene	11.65	105	11125993	276.046	ug/l	81
85) sec-Butylbenzene	11.93	105	3329677	73.348	ug/l	86
86) p-Isopropyltoluene	12.05	119	2470621	58.203	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1106238	48.443	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1115318	48.791	ug/l	97
89) n-Butylbenzene	12.37	91	3195768	84.206	ug/l #	69
90) Hexachloroethane	12.58	117	623251	138.987	ug/l #	50
91) 1,2-Dichlorobenzene	12.38	146	1044432	48.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	227820	79.728	ug/l	66

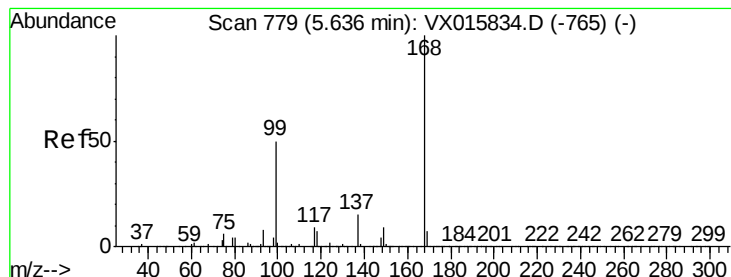
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	849023	49.752	ug/l #	90
94) Hexachlorobutadiene	13.77	225	335381	43.832	ug/l	100
95) Naphthalene	13.82	128	12968530	264.140	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	811015	48.712	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

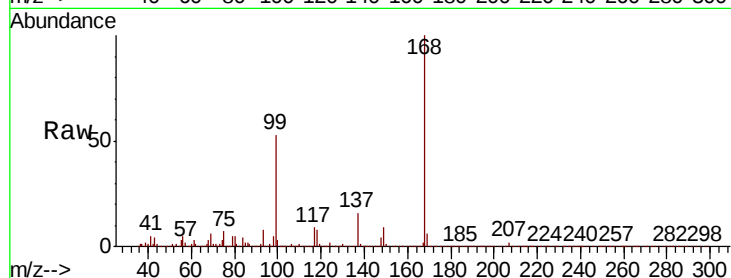
KY001MW079-200421MSD

Tot Ion:168 Resp: 956726

Ion Ratio Lower Upper

168 100

99 52.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

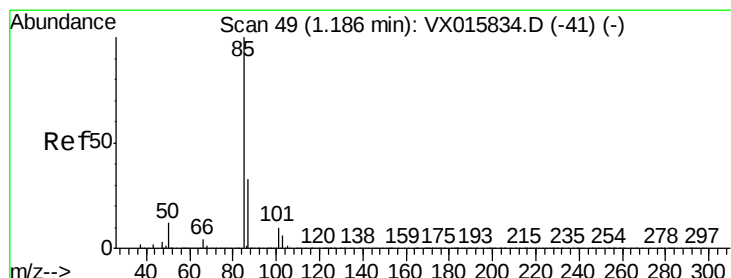
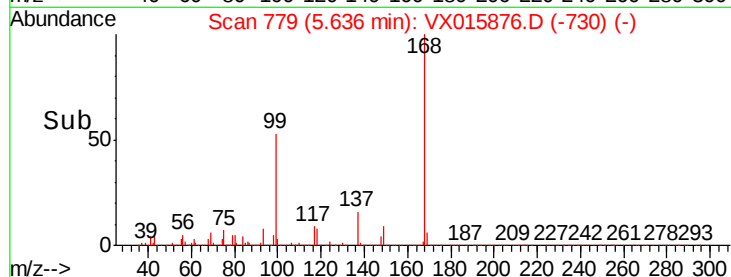
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.560 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015876.D

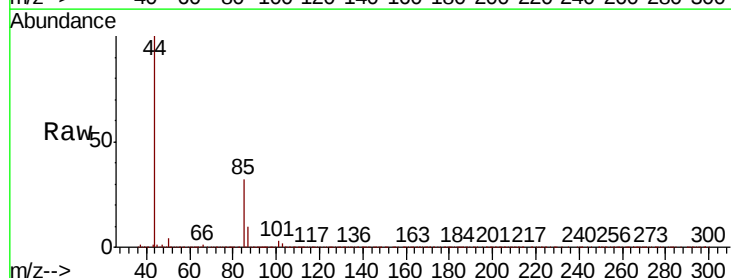
Acq: 23 Apr 2020 05:51

Tgt Ion: 85 Resp: 446814

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

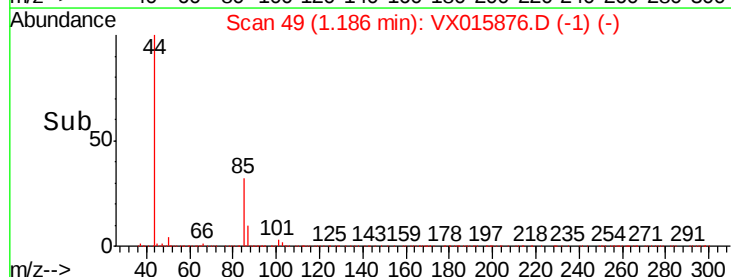
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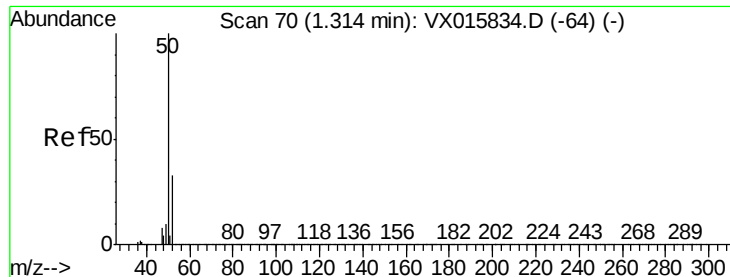
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.894 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

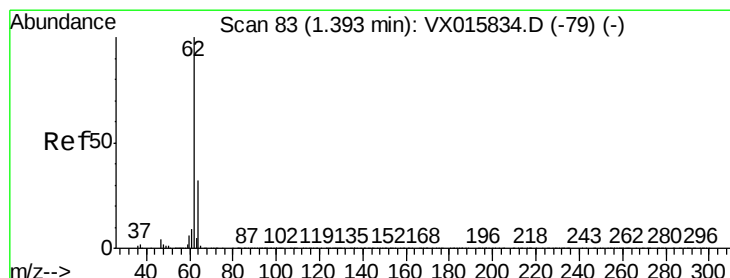
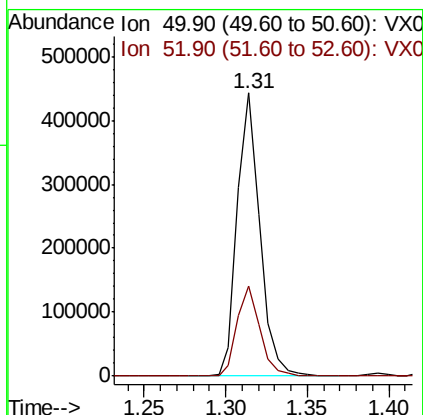
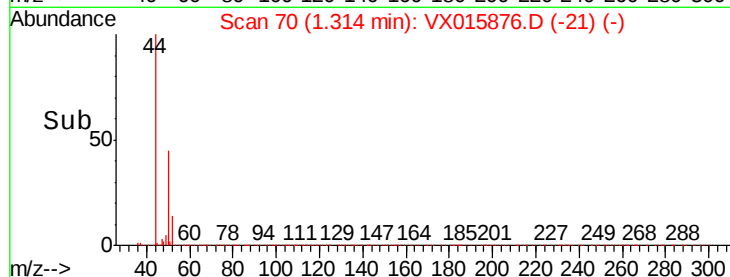
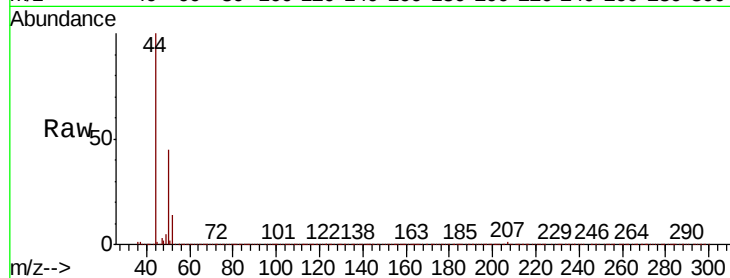
KY001MW079-200421MSD

Tot Ion: 50 Resp: 426862

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.4



#4

Vinyl Chloride

Concen: 49.278 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015876.D

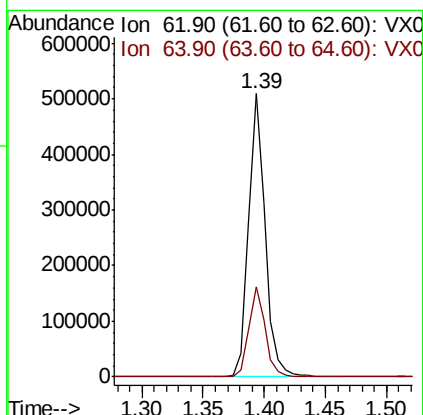
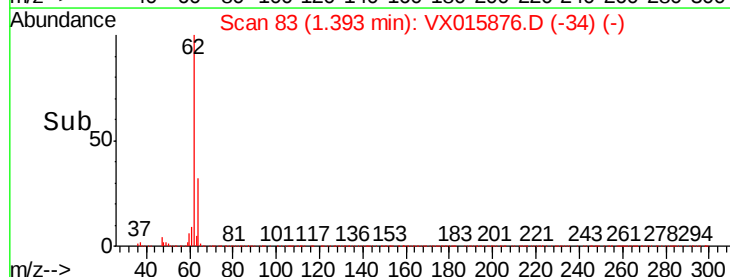
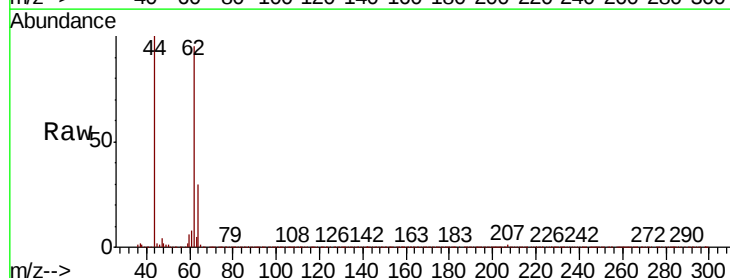
Acq: 23 Apr 2020 05:51

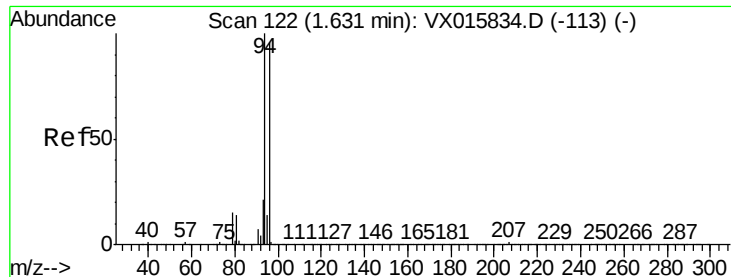
Tgt Ion: 62 Resp: 478395

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 51.400 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

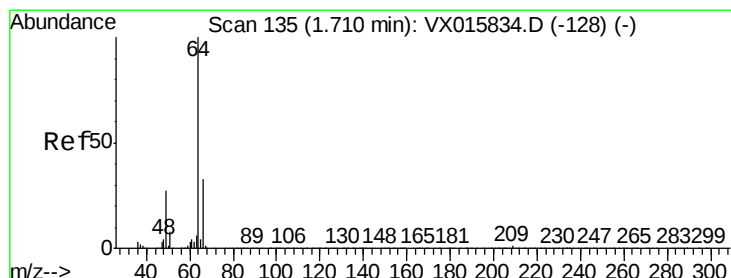
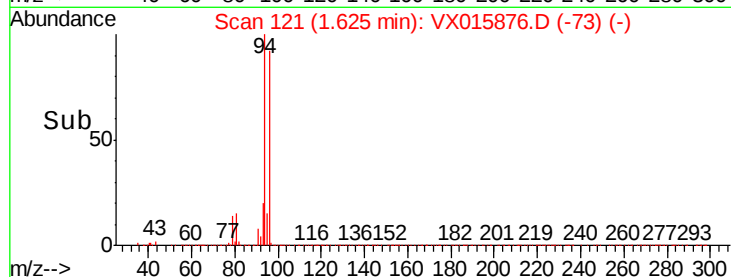
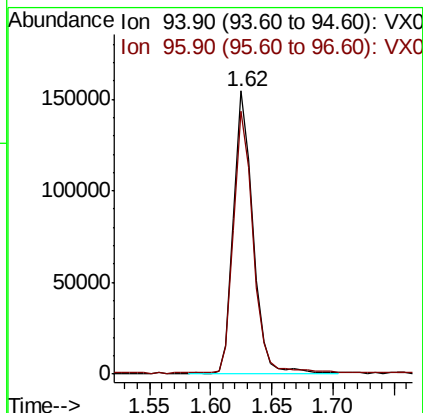
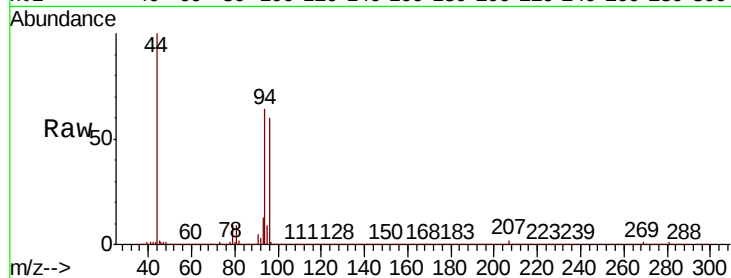
KY001MW079-200421MSD

Tot Ion: 94 Resp: 167358

Ion Ratio Lower Upper

94 100

96 92.6 76.7 115.1



#6

Chloroethane

Concen: 51.553 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015876.D

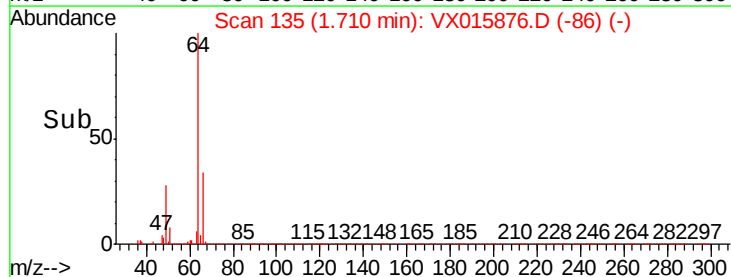
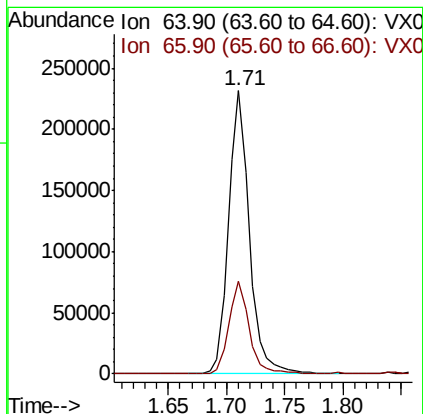
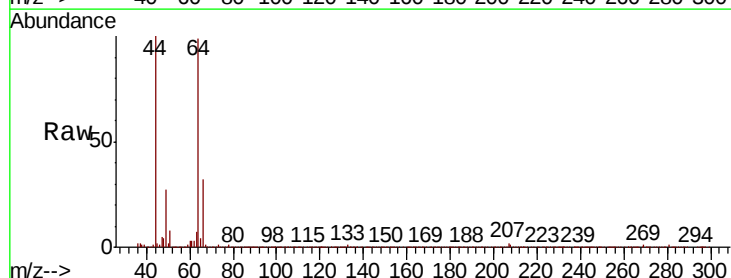
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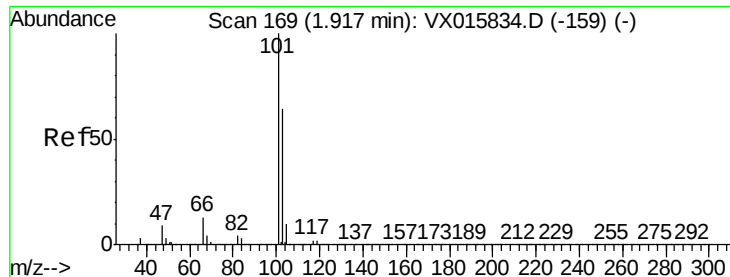
Tgt Ion: 64 Resp: 285199

Ion Ratio Lower Upper

64 100

66 32.5 26.2 39.2



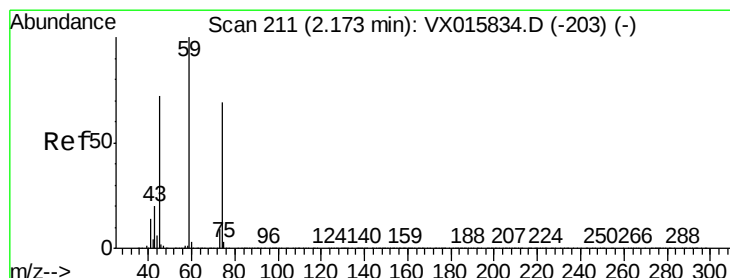
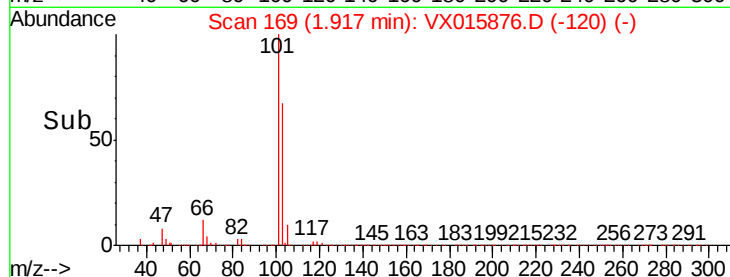
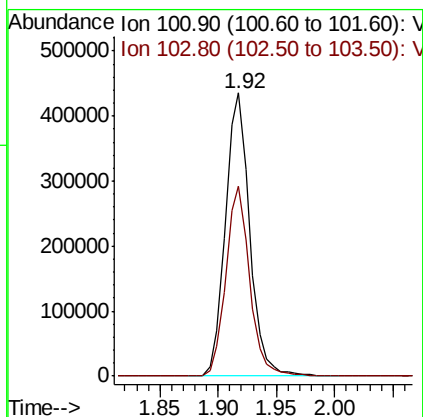
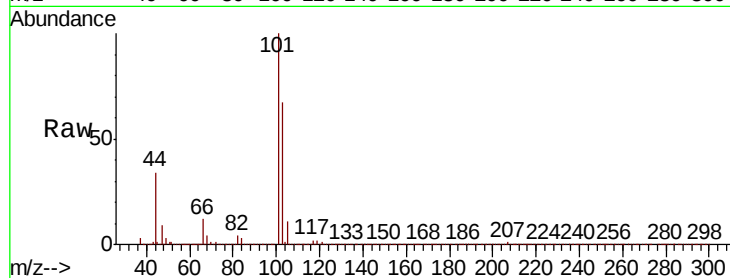


#7

Trichlorofluoromethane
Concen: 52.084 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
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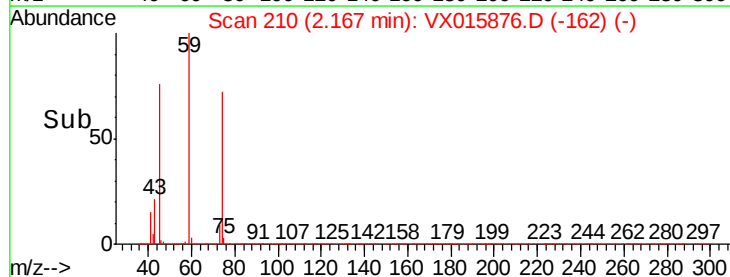
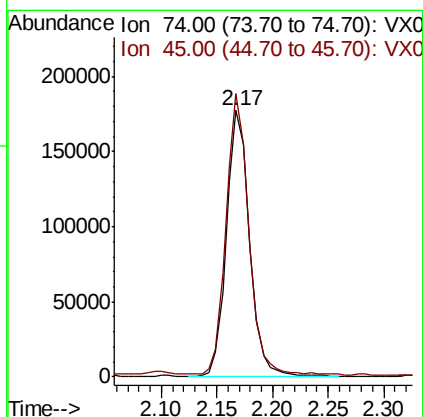
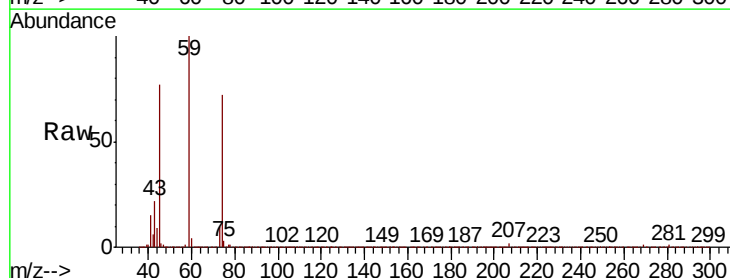
Tot Ion:101 Resp: 627346
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0

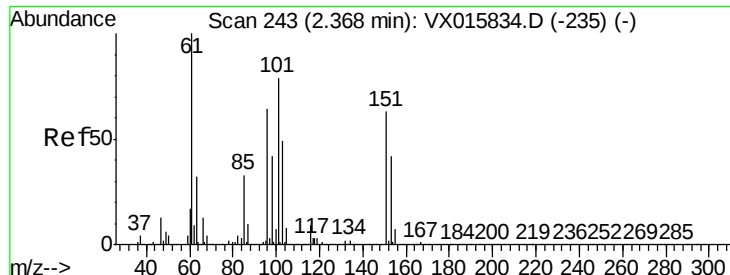


#8

Diethyl Ether
Concen: 51.768 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 74 Resp: 252863
Ion Ratio Lower Upper
74 100
45 103.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.306 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

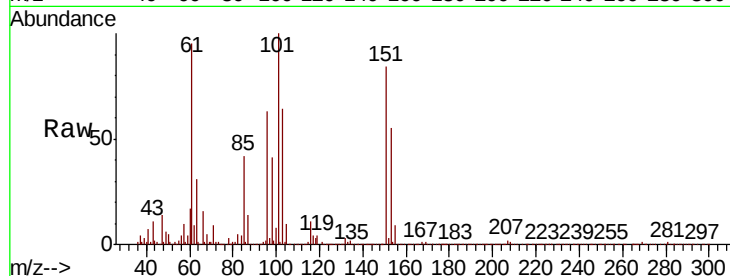
Tot Ion:101 Resp: 402866

Ion Ratio Lower Upper

101 100

85 43.1 33.8 50.6

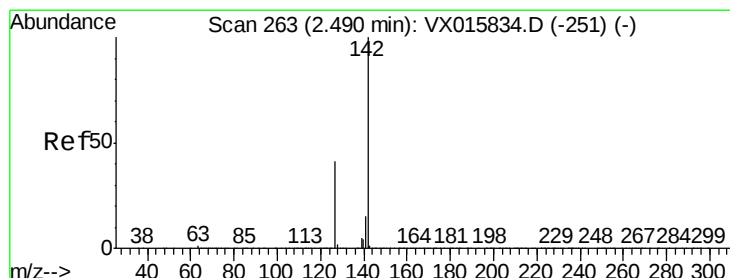
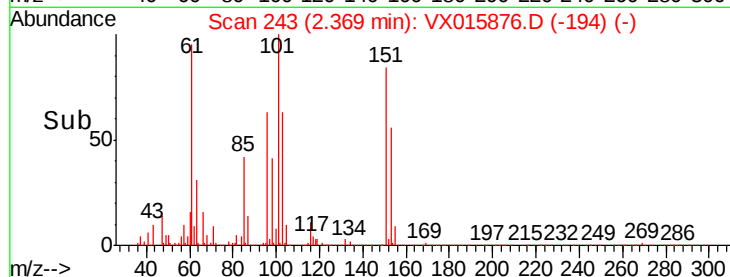
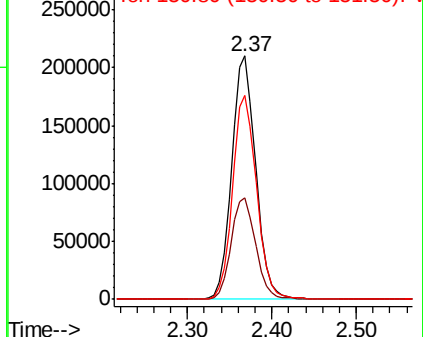
151 84.1 67.8 101.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.591 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

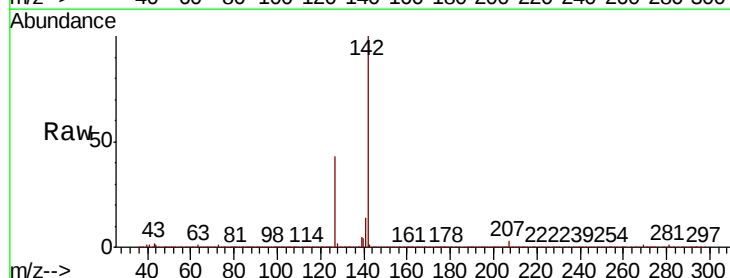
Tgt Ion:142 Resp: 409755

Ion Ratio Lower Upper

142 100

127 42.3 33.3 49.9

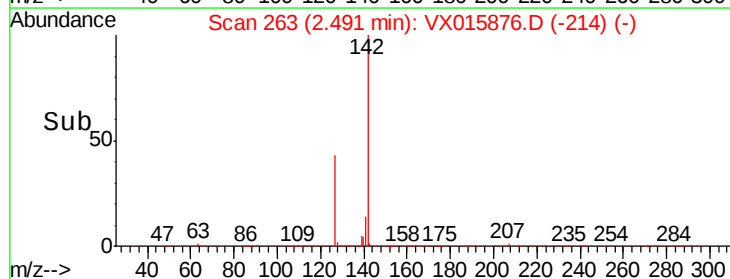
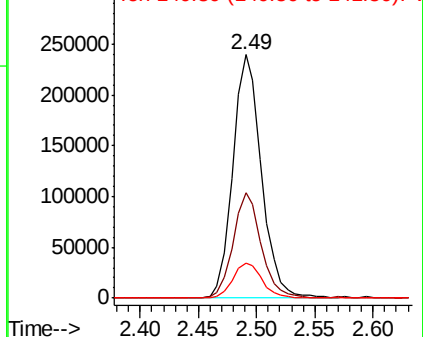
141 14.6 11.8 17.6

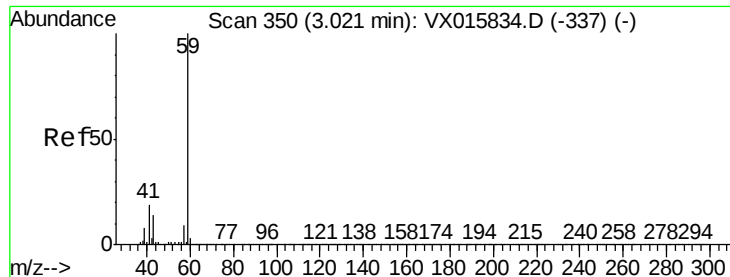


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



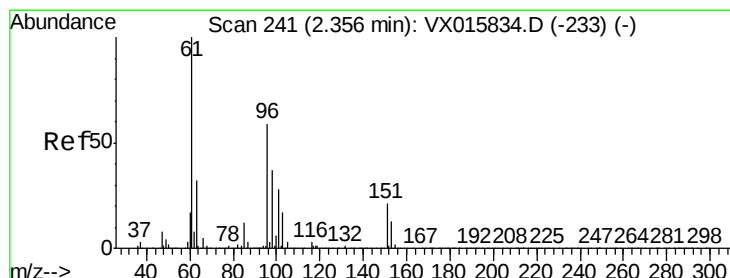
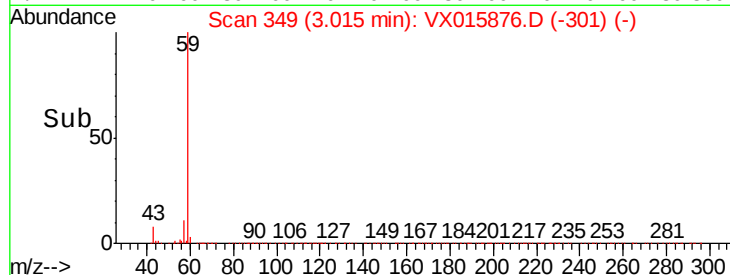
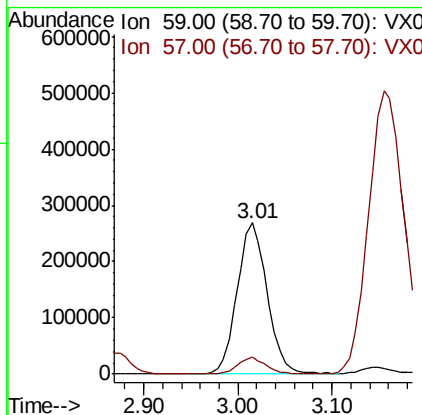
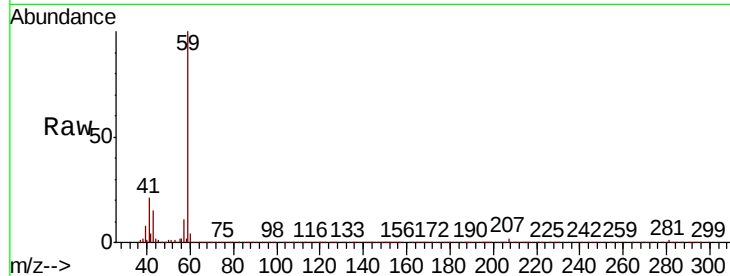


#11

Tert butyl alcohol
Concen: 268.510 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

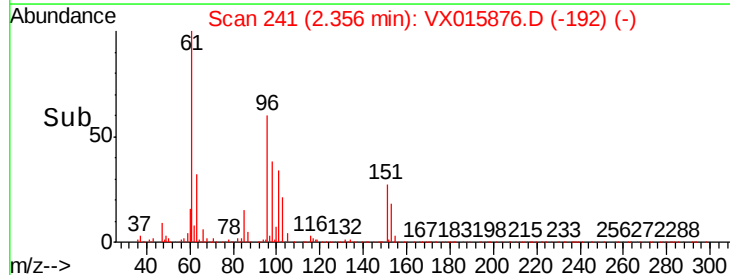
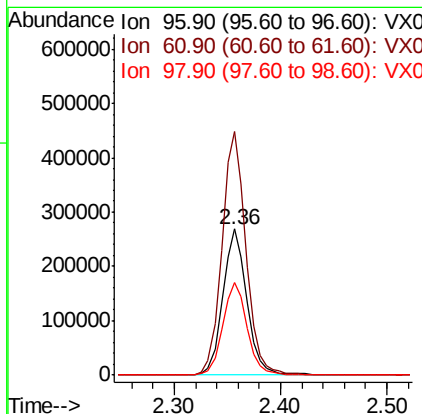
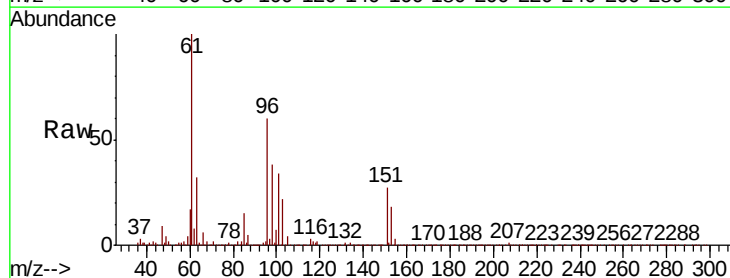
Tot Ion: 59 Resp: 596968
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

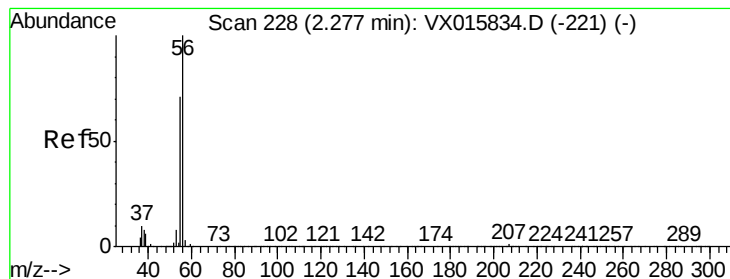


#12

1,1-Dichloroethene
Concen: 49.793 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 96 Resp: 417252
Ion Ratio Lower Upper
96 100
61 167.3 135.0 202.6
98 63.6 50.6 76.0





#13

Acrolein

Concen: 179.806 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

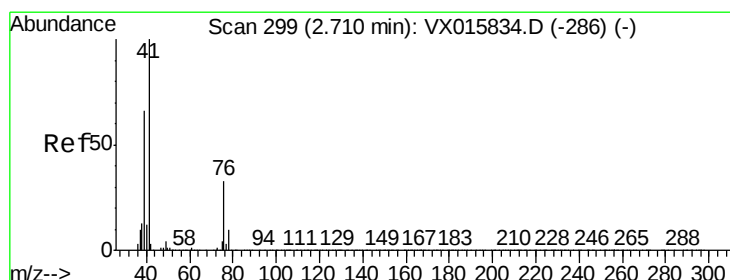
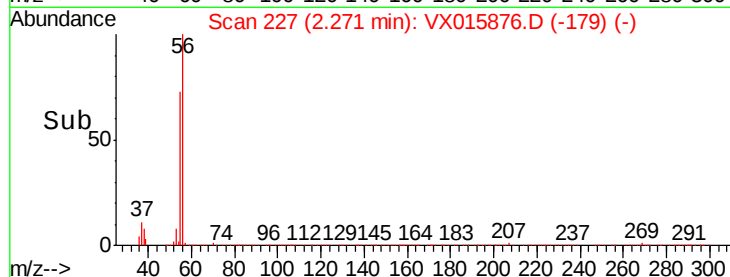
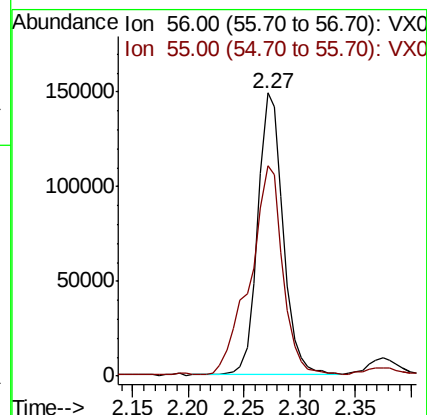
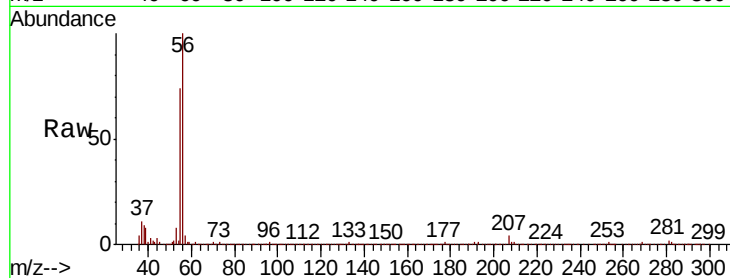
KY001MW079-200421MSD

Tot Ion: 56 Resp: 236535

Ion Ratio Lower Upper

56 100

55 94.9 56.1 84.1#



#14

Allyl chloride

Concen: 48.986 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

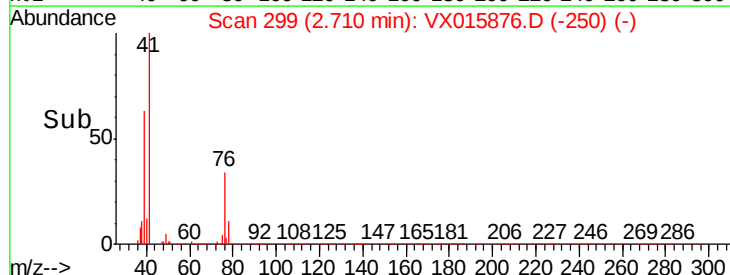
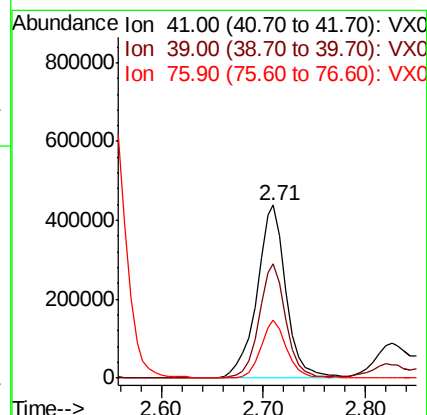
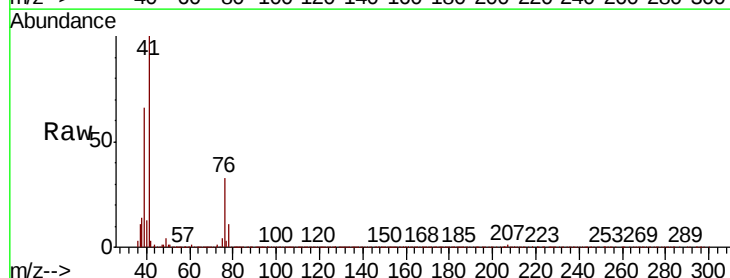
Tgt Ion: 41 Resp: 872285

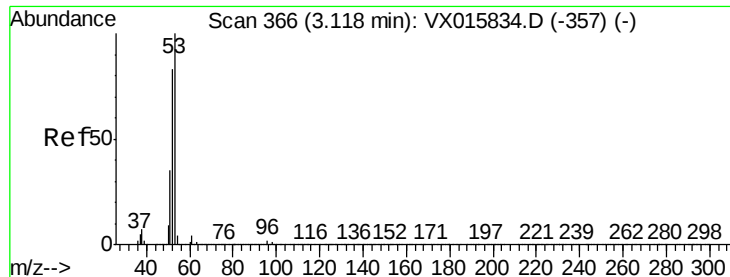
Ion Ratio Lower Upper

41 100

39 60.8 48.4 72.6

76 29.4 23.8 35.8





#15

Acrylonitrile

Concen: 272.205 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

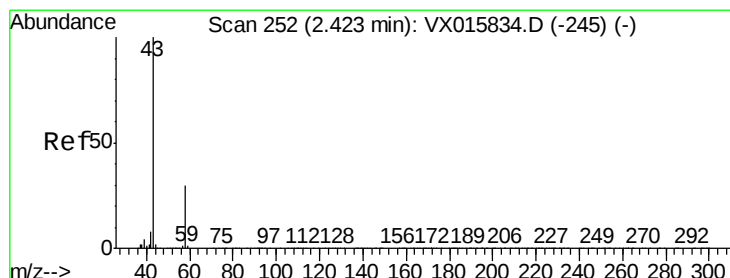
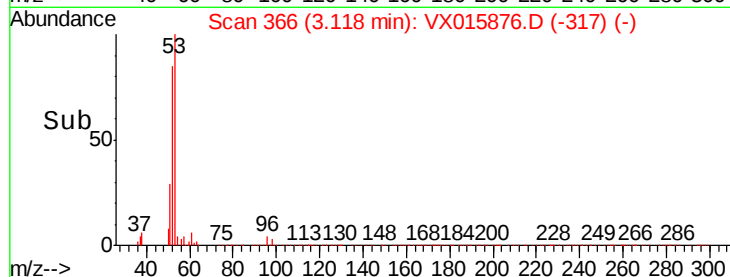
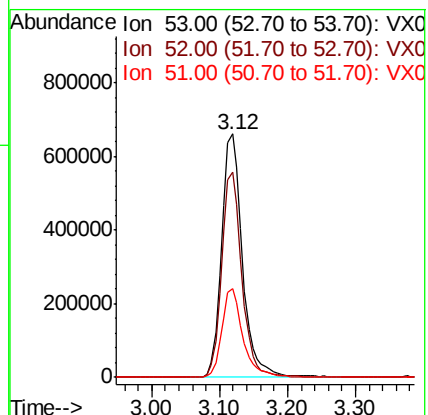
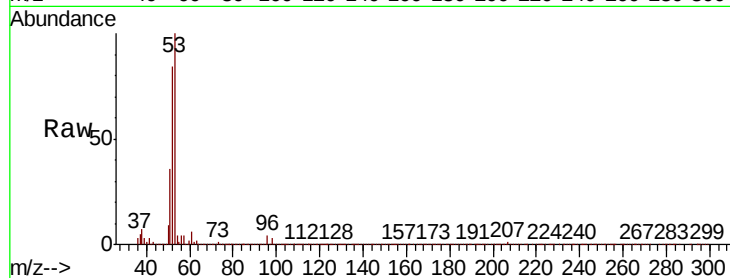
MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 53 Resp: 1404717

Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.2	99.4
51	36.6	28.6	43.0



#16

Acetone

Concen: 250.119 ug/l

RT: 2.42 min Scan# 251

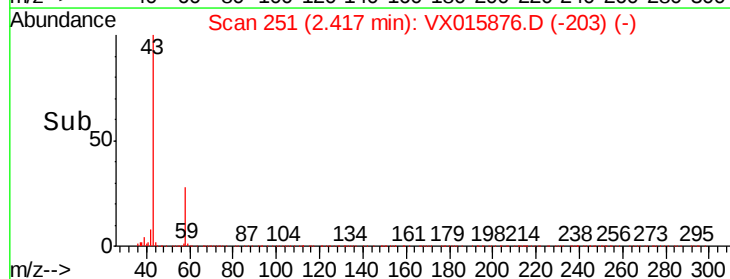
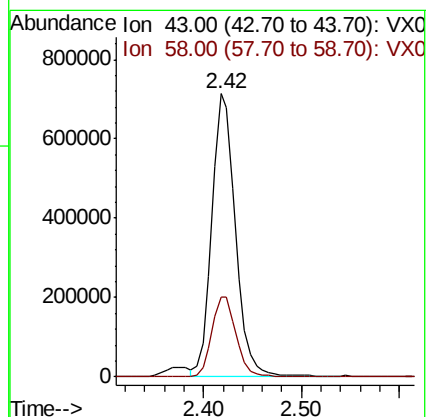
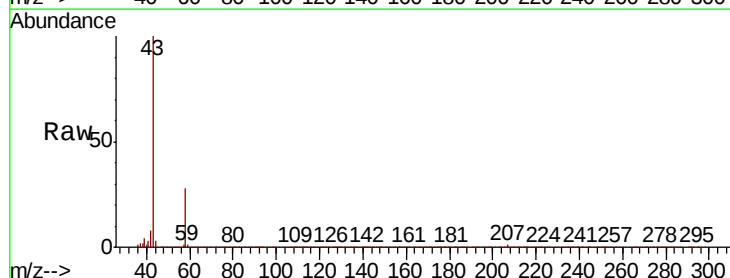
Delta R.T. -0.01 min

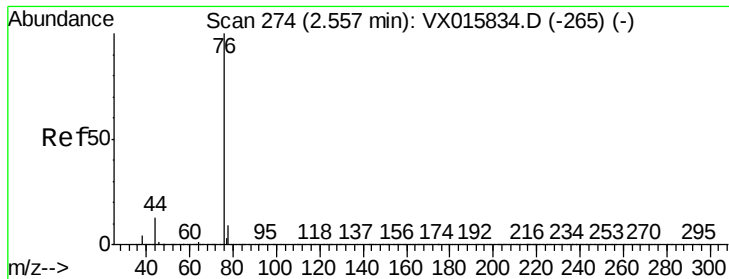
Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion: 43 Resp: 1185070

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.0	36.0





#17

Carbon Disulfide

Concen: 38.683 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

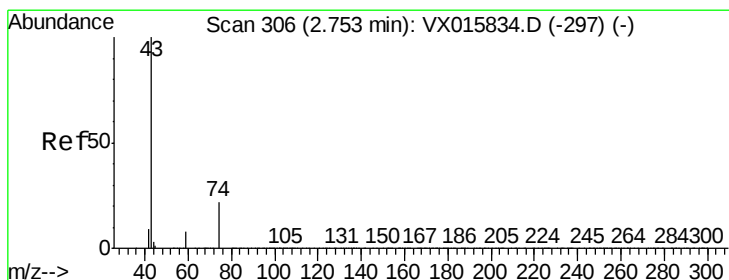
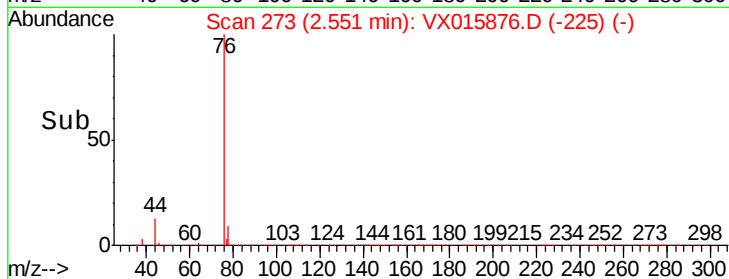
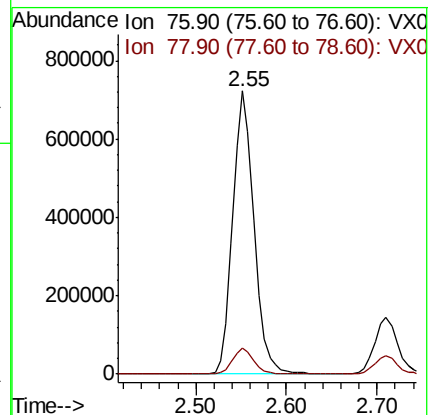
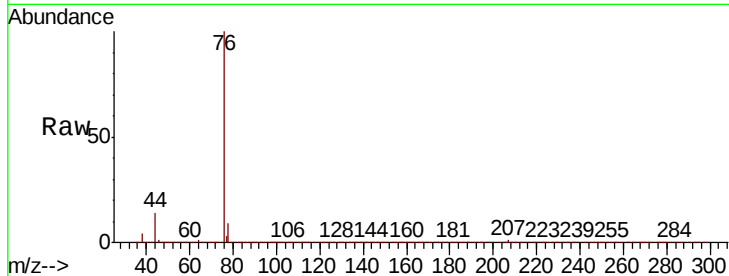
KY001MW079-200421MSD

Tot Ion: 76 Resp: 1177152

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 47.679 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015876.D

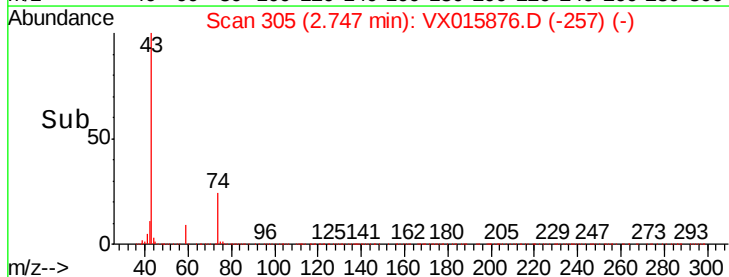
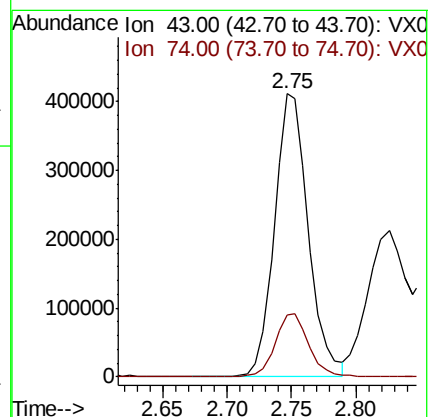
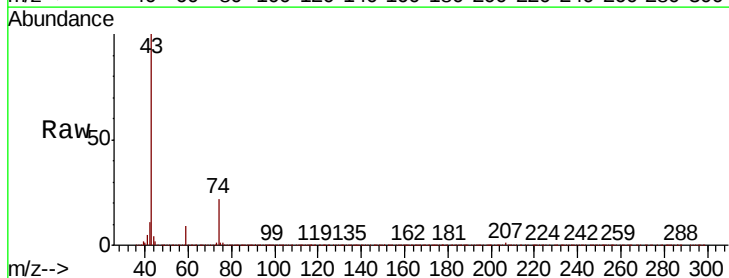
Acq: 23 Apr 2020 05:51

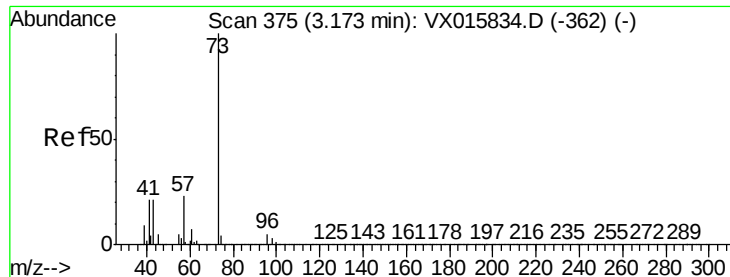
Tgt Ion: 43 Resp: 745784

Ion Ratio Lower Upper

43 100

74 22.3 17.9 26.9



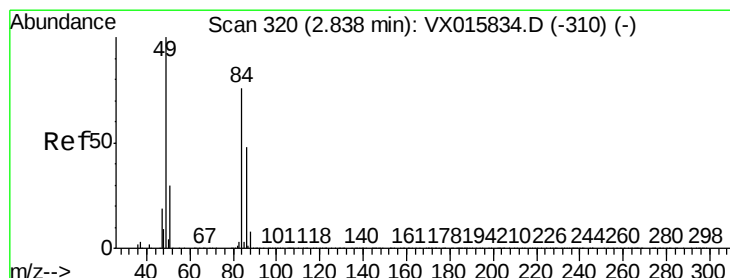
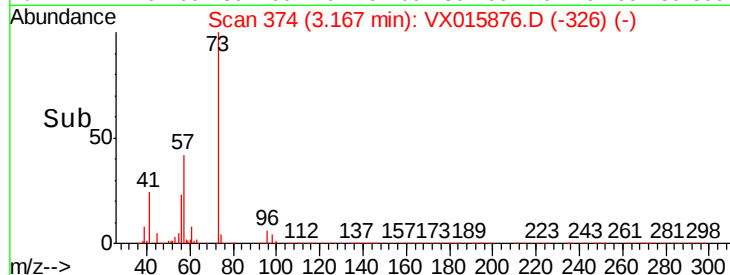
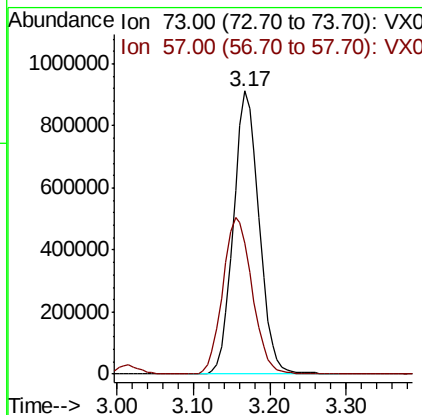
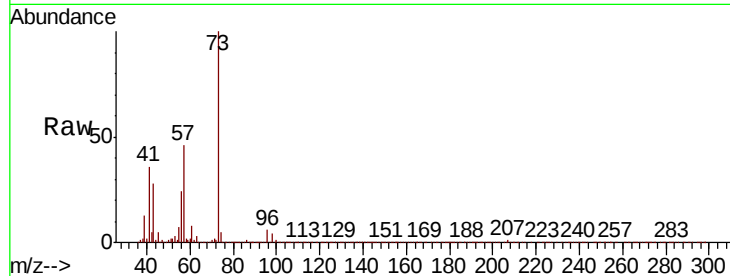


#19

Methyl tert-butyl Ether
 Concen: 71.268 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

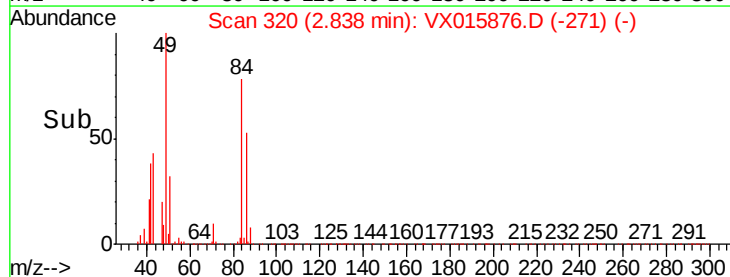
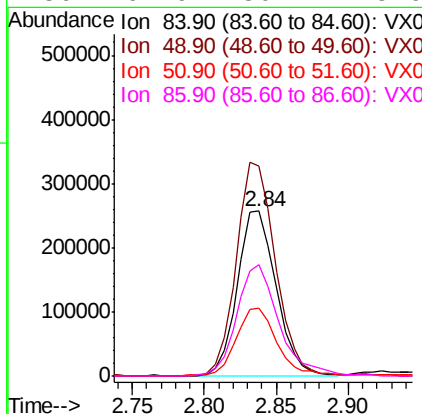
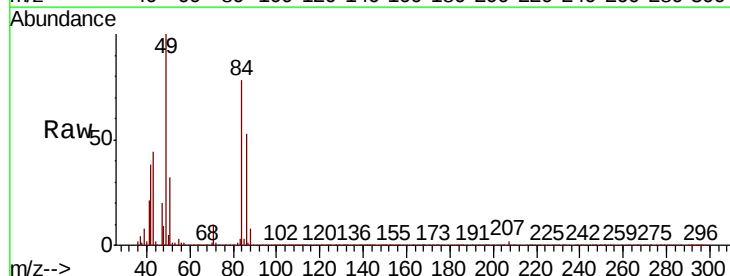
Tot Ion: 73 Resp: 2108310
 Ion Ratio Lower Upper
 73 100
 57 46.3 18.1 27.1#

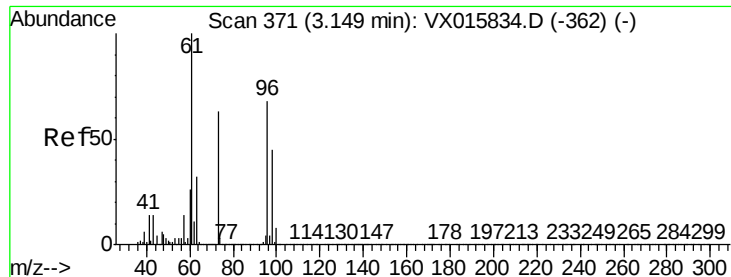


#20

Methylene Chloride
 Concen: 49.920 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion: 84 Resp: 480159
 Ion Ratio Lower Upper
 84 100
 49 127.6 104.9 157.3
 51 40.5 32.0 48.0
 86 67.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 50.092 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

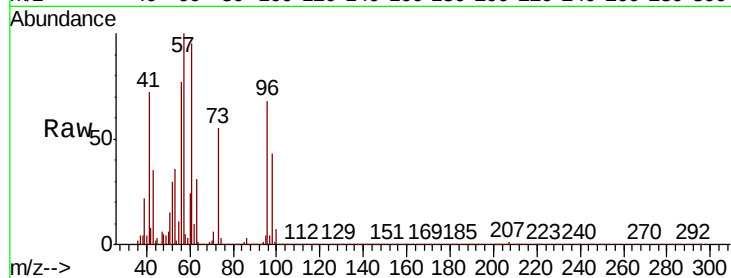
Tot Ion: 96 Resp: 465729

Ion Ratio Lower Upper

96 100

61 140.4 117.5 176.3

98 62.8 52.7 79.1

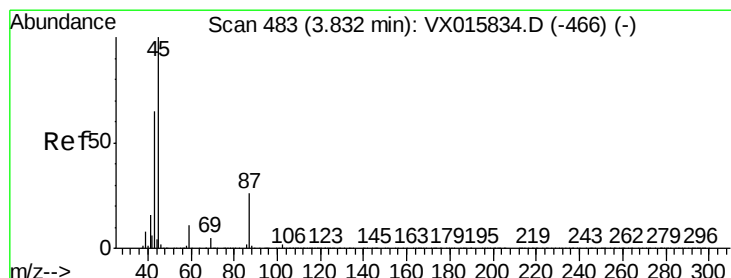
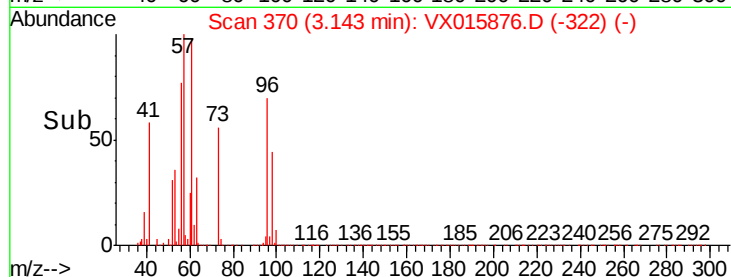
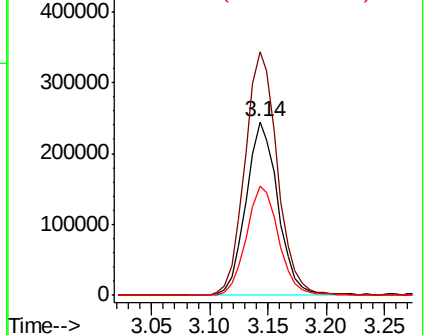


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.294 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion: 45 Resp: 1678374

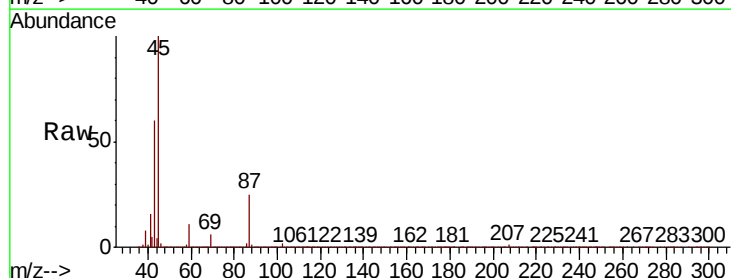
Ion Ratio Lower Upper

45 100

43 59.2 52.4 78.6

87 25.2 20.7 31.1

59 11.4 8.6 12.8



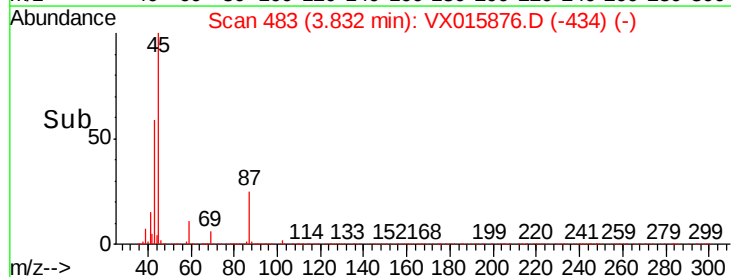
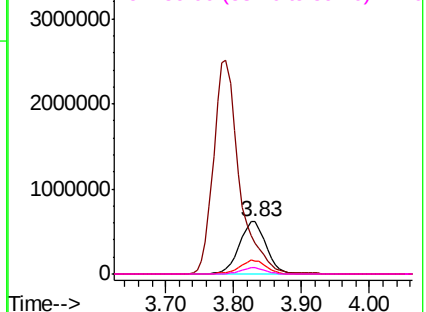
Abundance

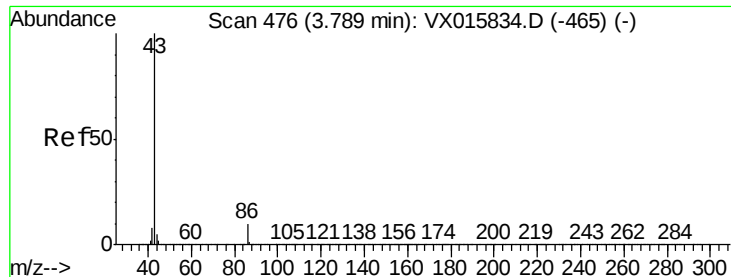
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.031 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

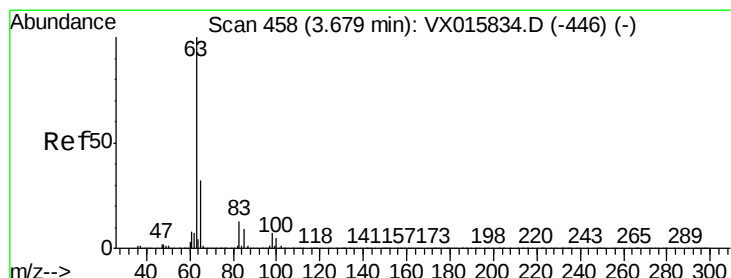
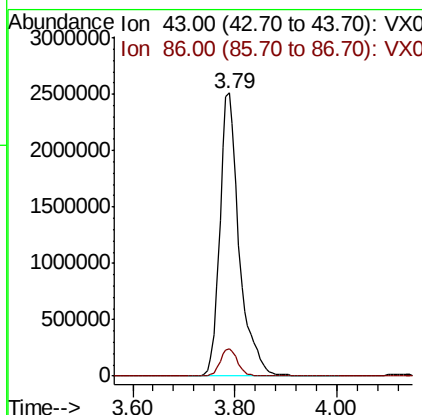
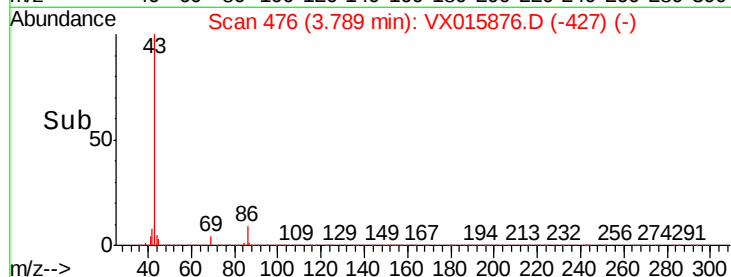
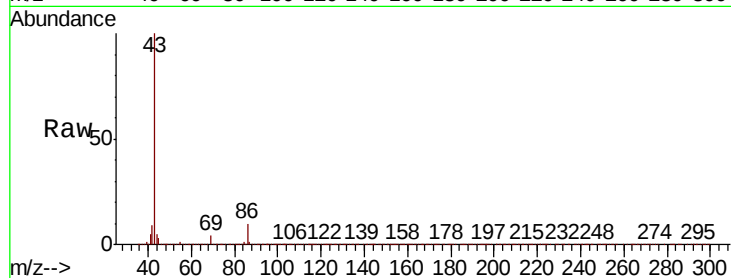
KY001MW079-200421MSD

Tot Ion: 43 Resp: 6615042

Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 52.267 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

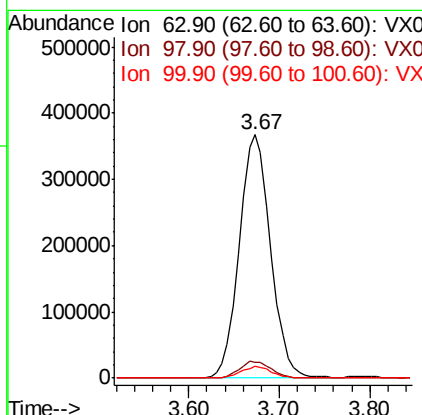
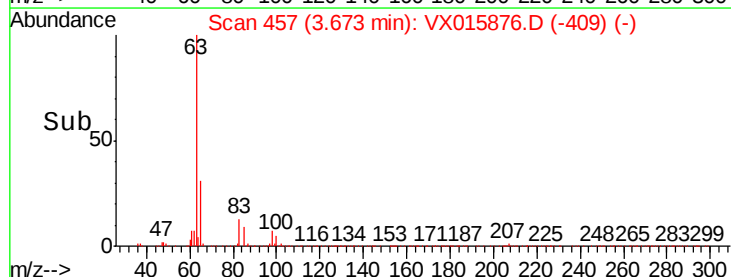
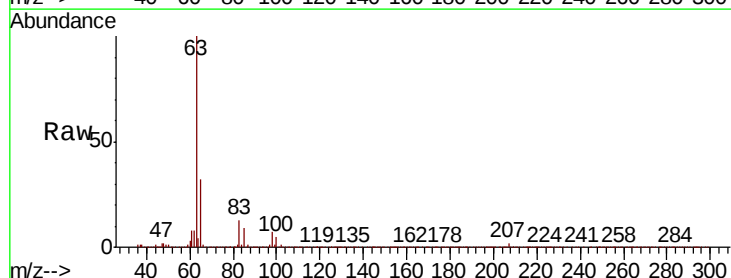
Tgt Ion: 63 Resp: 874331

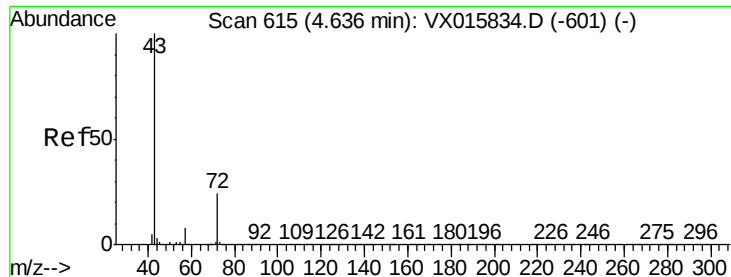
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.7 2.3 6.8

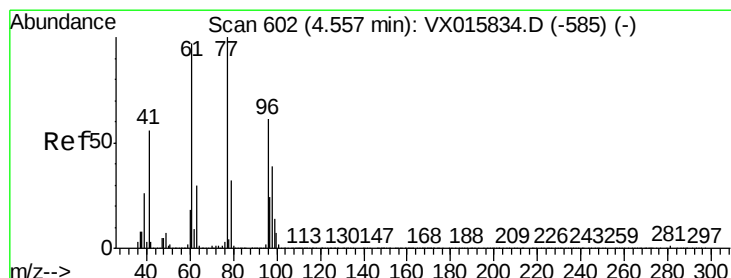
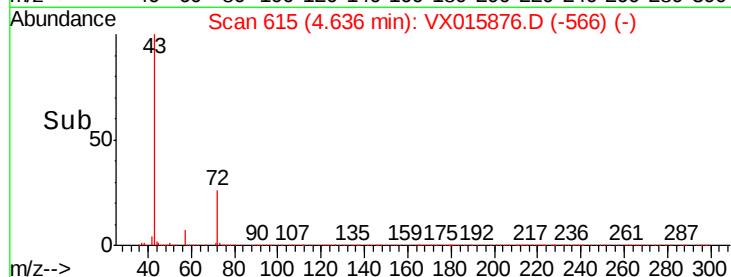
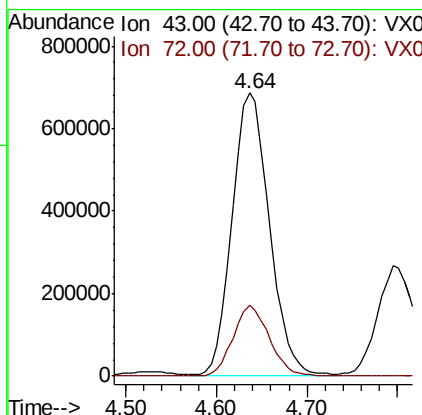
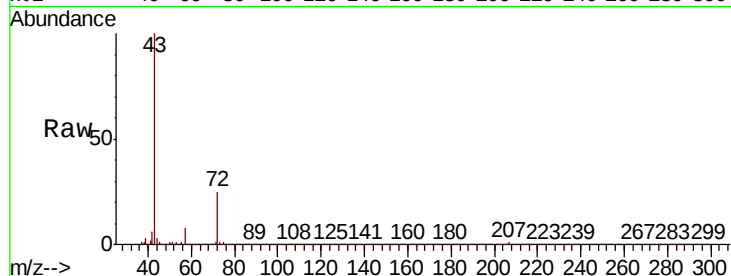




#25
2-Butanone
Concen: 259.860 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

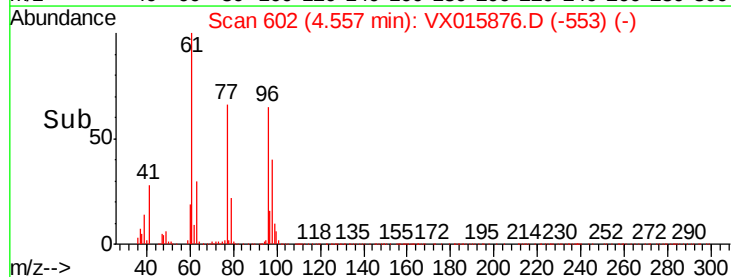
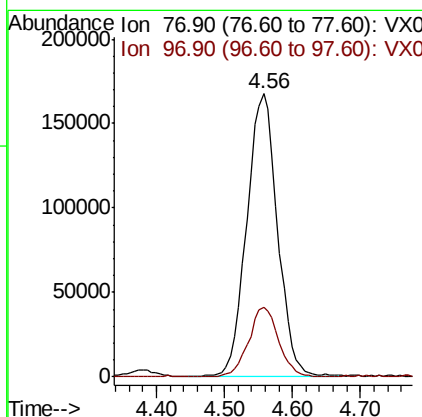
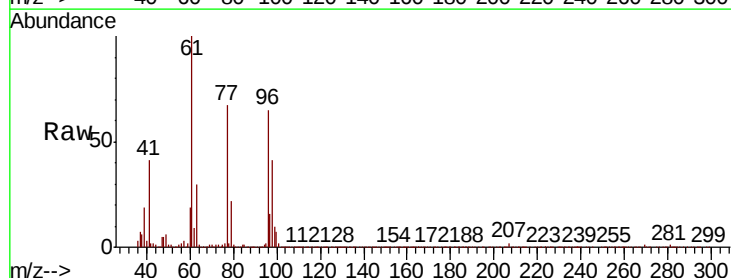
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

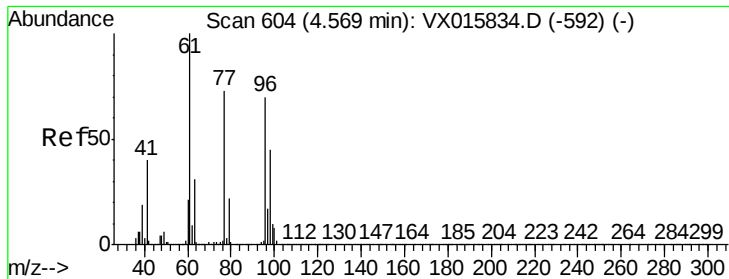
Tot Ion: 43 Resp: 1946062
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 35.226 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 77 Resp: 526380
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.118 ug/l

RT: 4.56 min Scan# 603

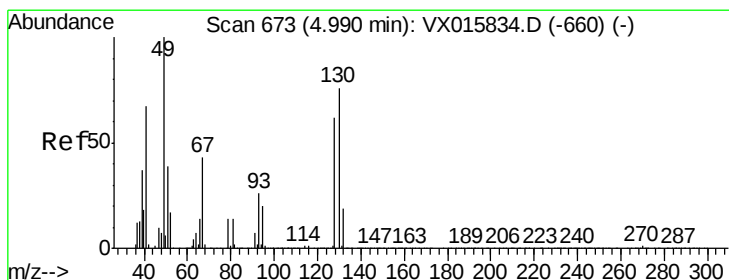
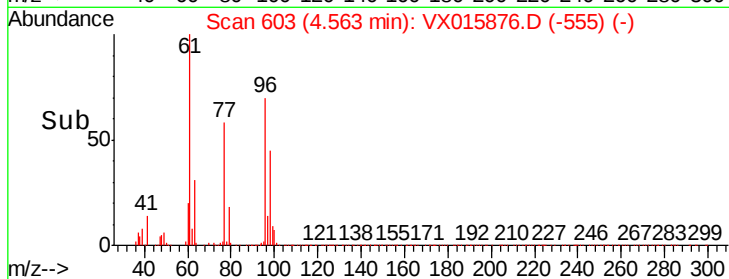
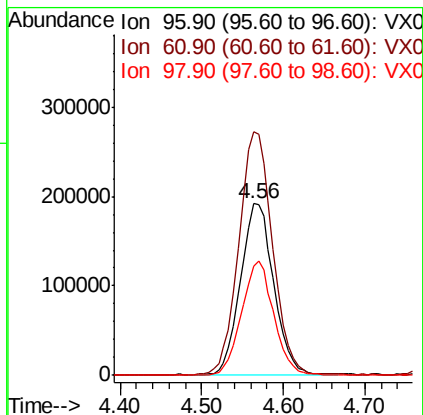
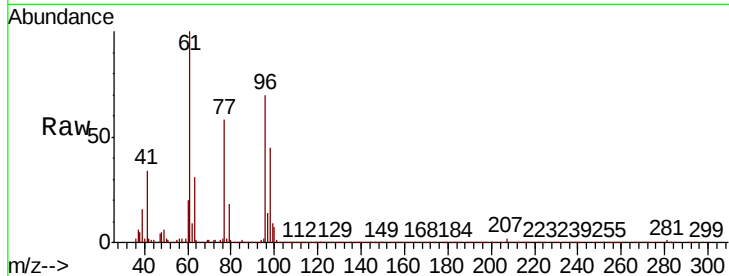
Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	299.4
98	64.3	0.0	129.6



#28

Bromochloromethane

Concen: 45.390 ug/l

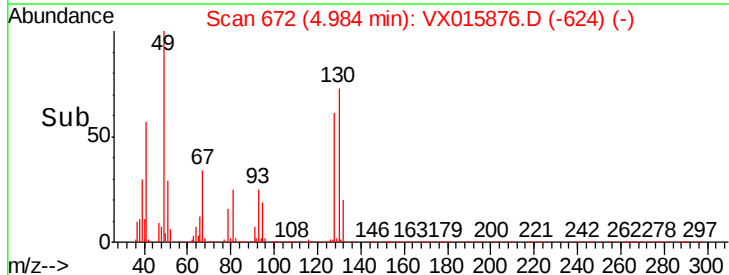
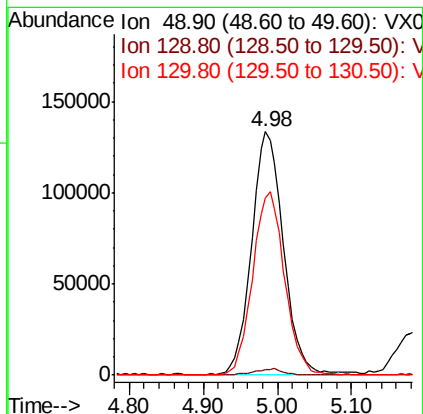
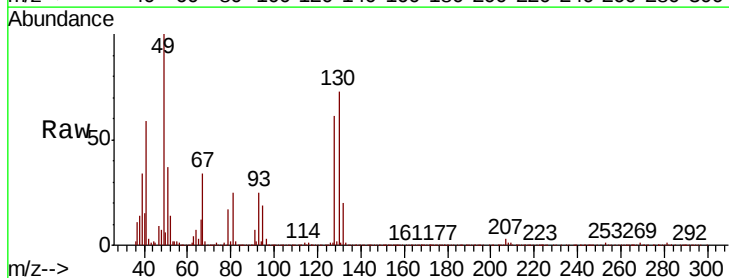
RT: 4.98 min Scan# 672

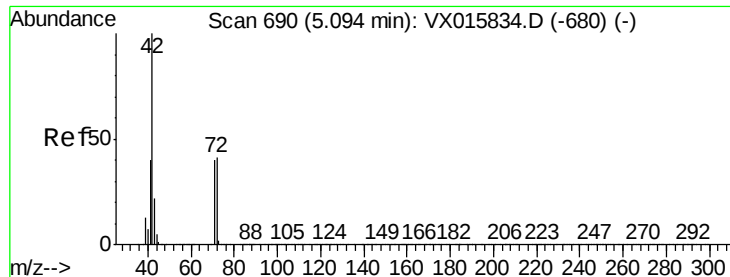
Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	1.8#
130	75.5	62.4	93.6

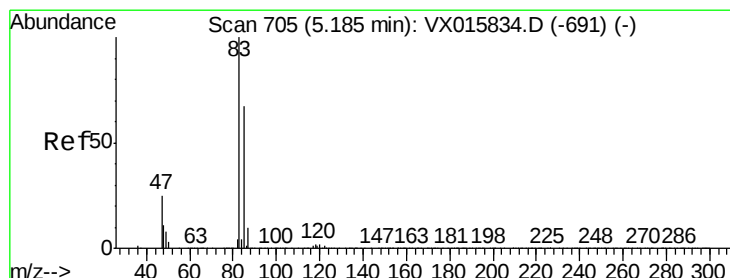
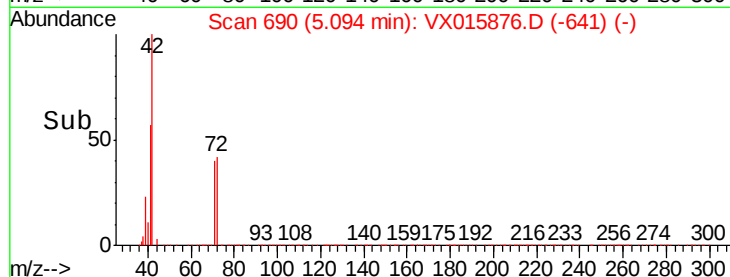
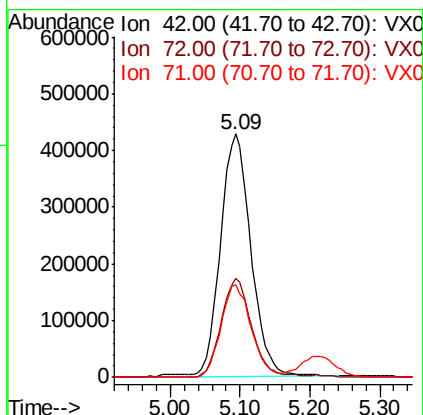
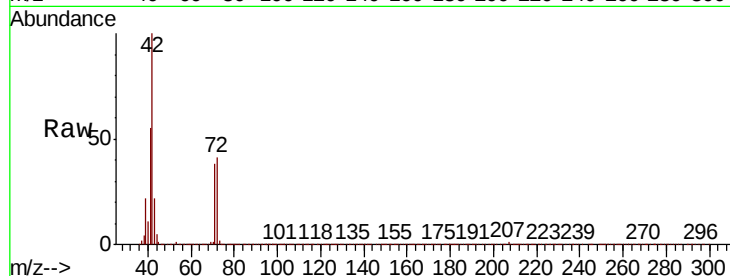




#29
Tetrahydrofuran
Concen: 259.307 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

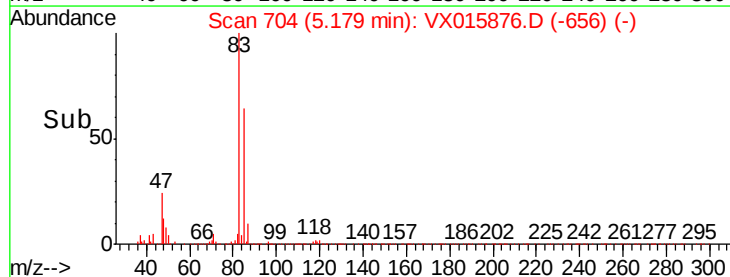
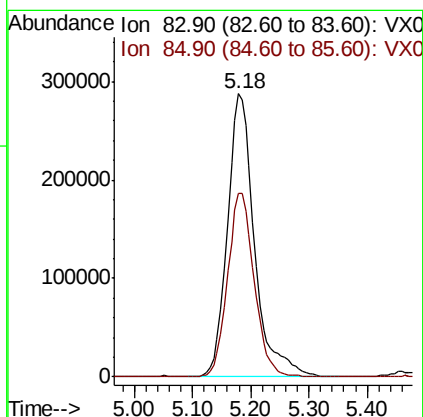
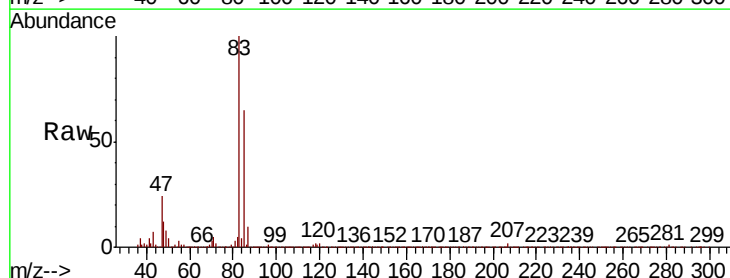
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

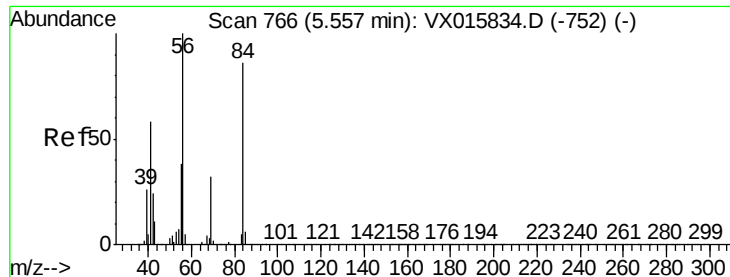
Tot Ion: 42 Resp: 1284450
Ion Ratio Lower Upper
42 100
72 40.8 33.0 49.6
71 38.2 30.6 45.8



#30
Chloroform
Concen: 55.238 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 83 Resp: 929700
Ion Ratio Lower Upper
83 100
85 64.6 53.4 80.0

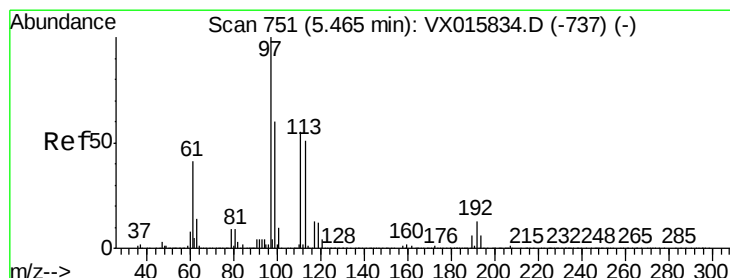
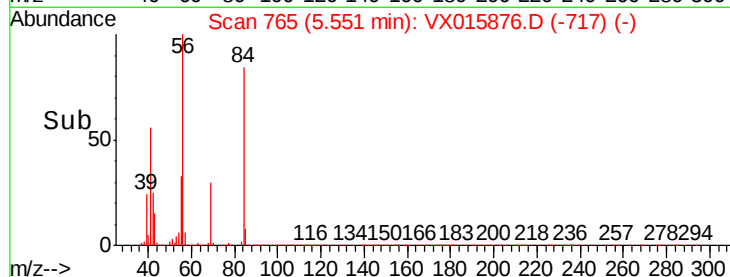
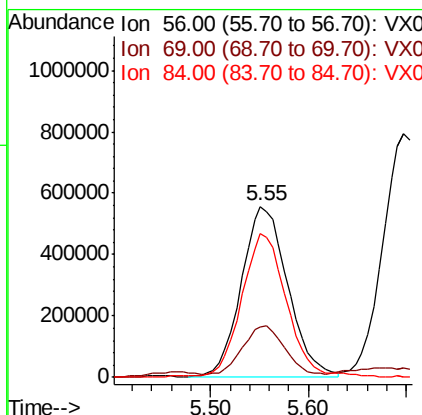
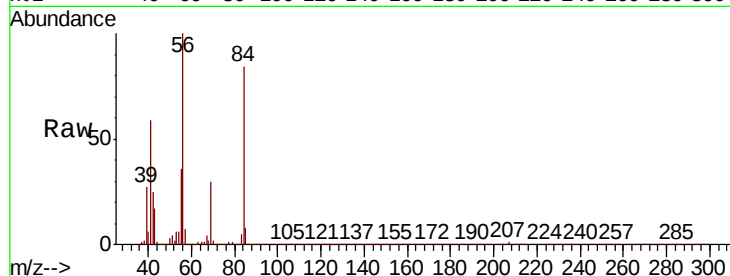




#31
Cyclohexane
Concen: 113.951 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

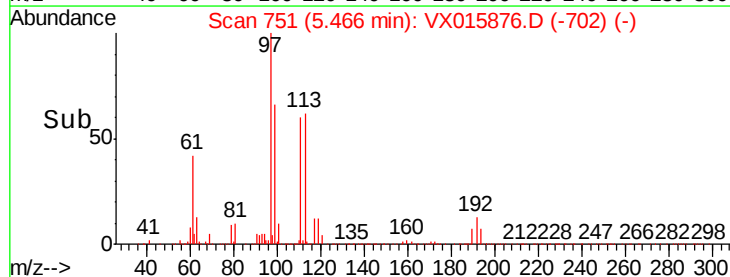
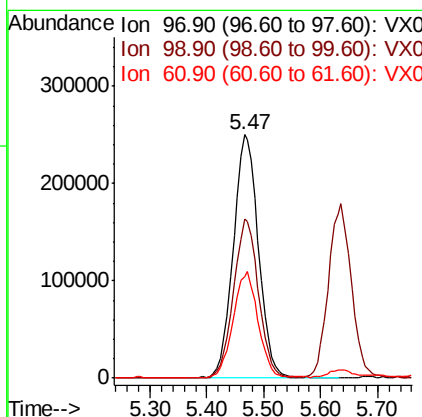
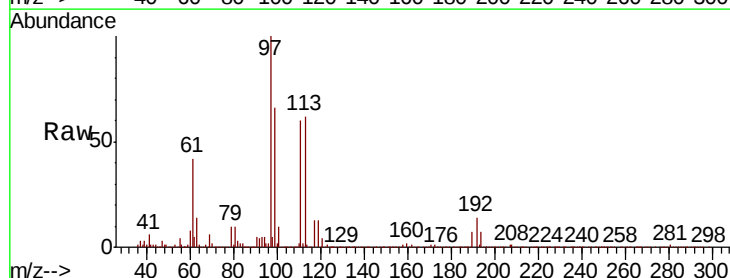
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

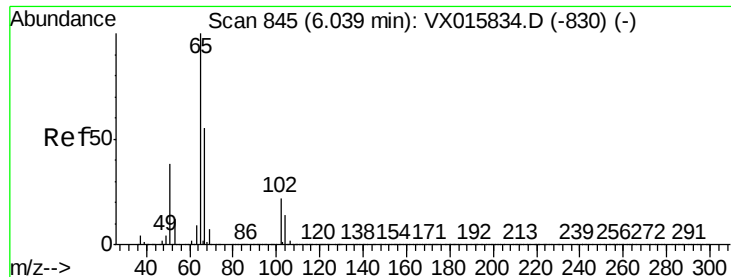
Tot Ion: 56 Resp: 1811578
Ion Ratio Lower Upper
56 100
69 27.5 25.3 37.9
84 84.0 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 51.576 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 97 Resp: 773971
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 43.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 53.786 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

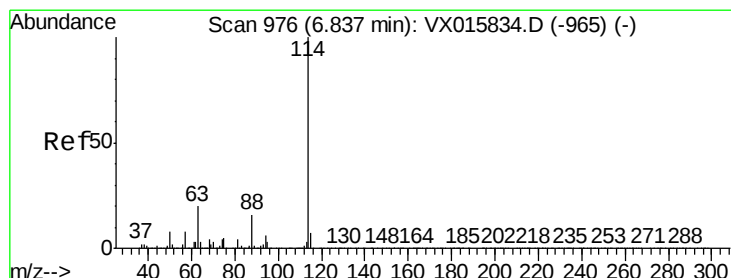
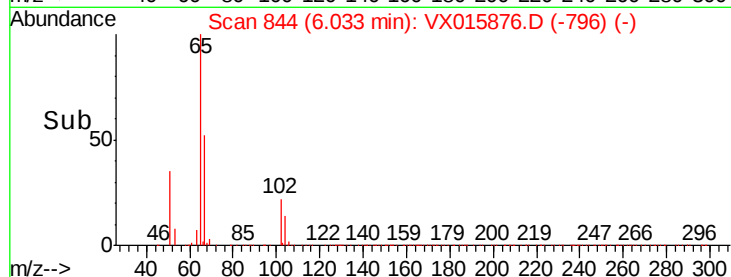
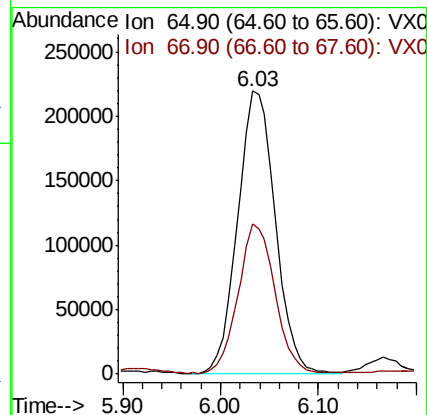
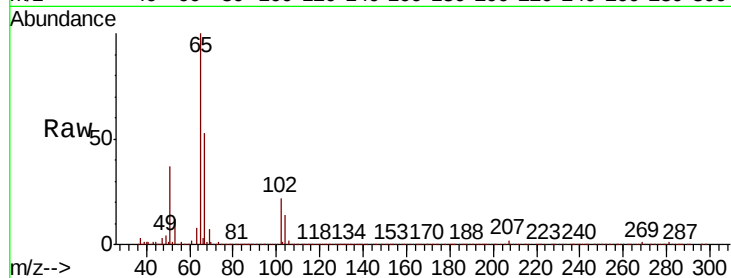
KY001MW079-200421MSD

Tot Ion: 65 Resp: 585268

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

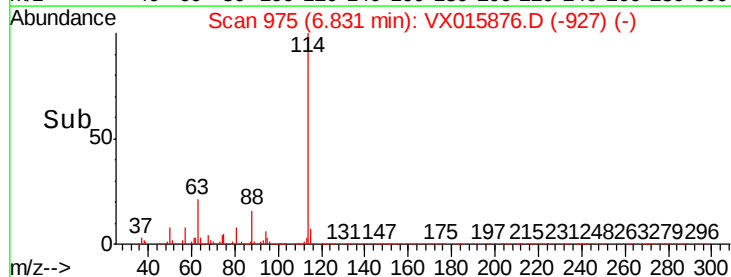
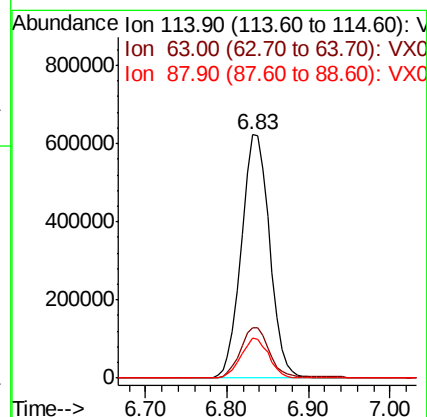
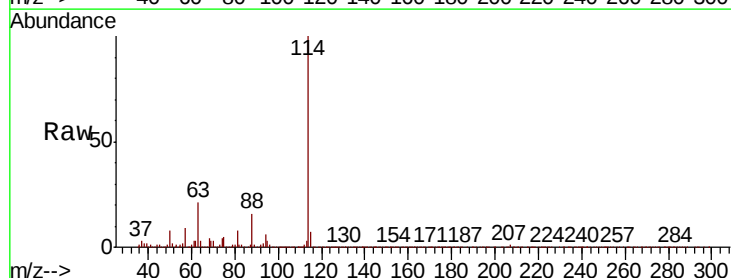
Tgt Ion: 114 Resp: 1490195

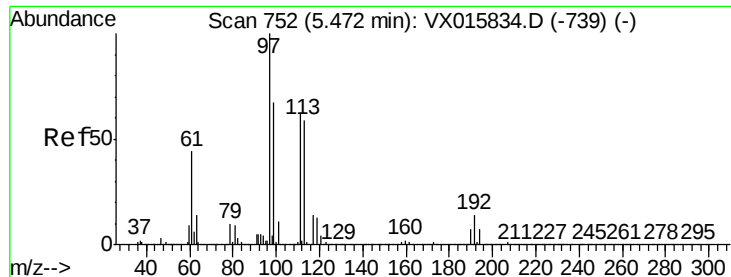
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 16.3 0.0 32.8

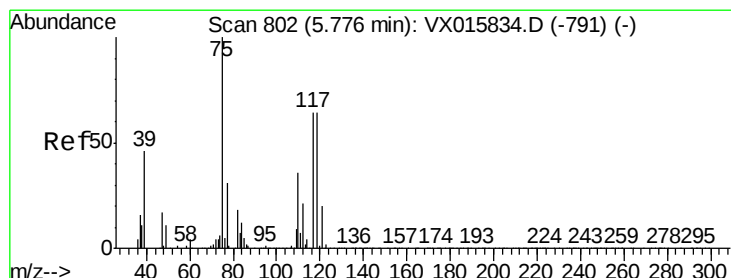
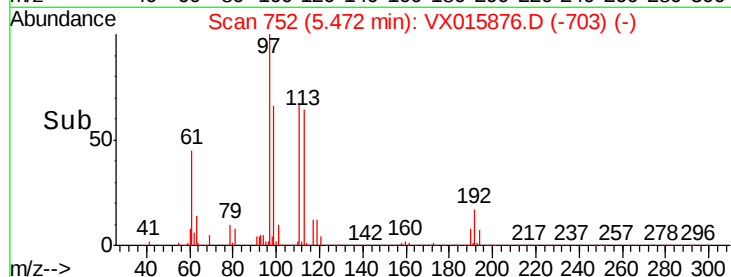
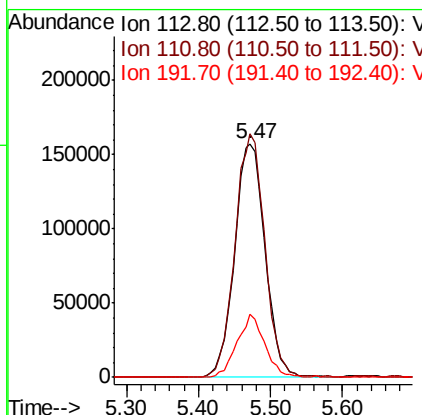
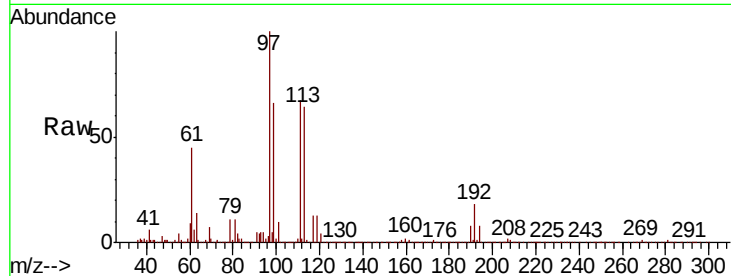




#35
 Dibromofluoromethane
 Concen: 53.791 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

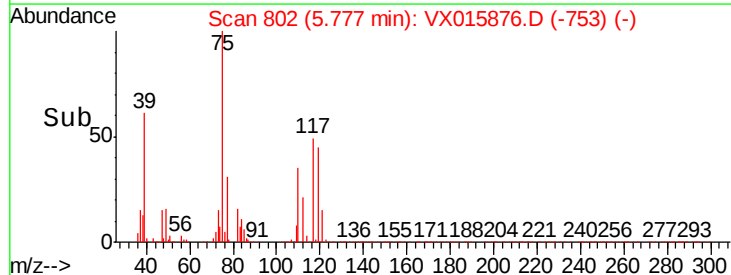
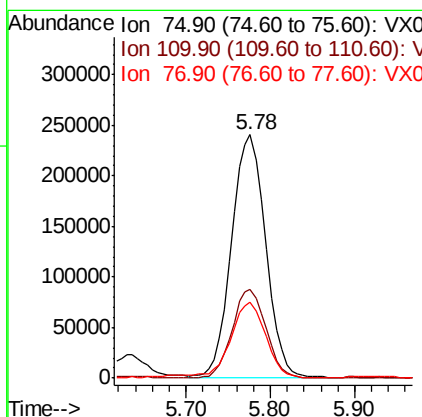
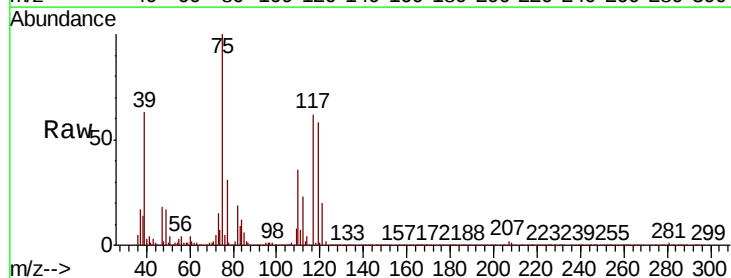
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

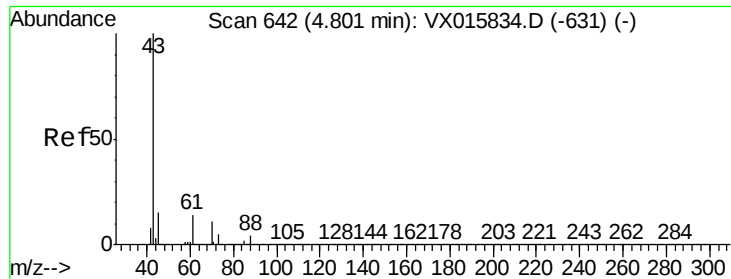
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.7	124.1
192	24.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 49.409 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.8
77	33.1	24.5	36.7

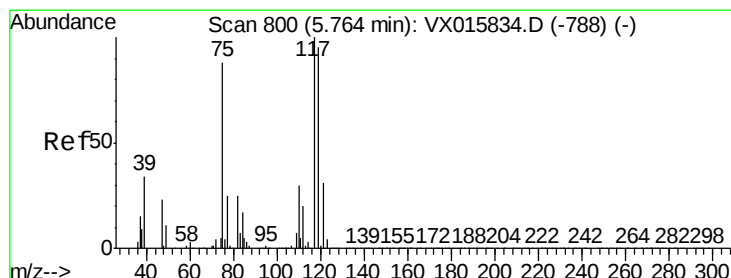
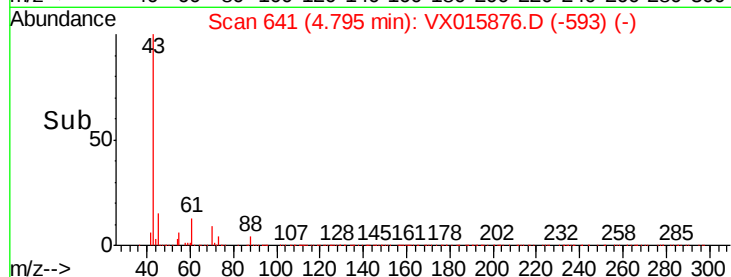
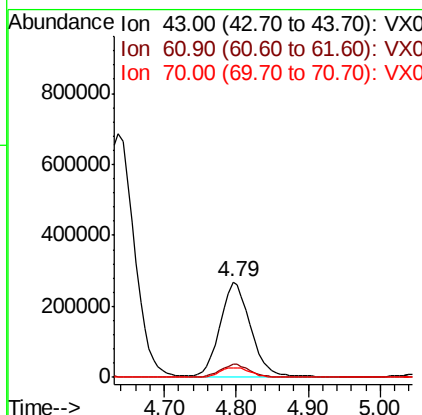
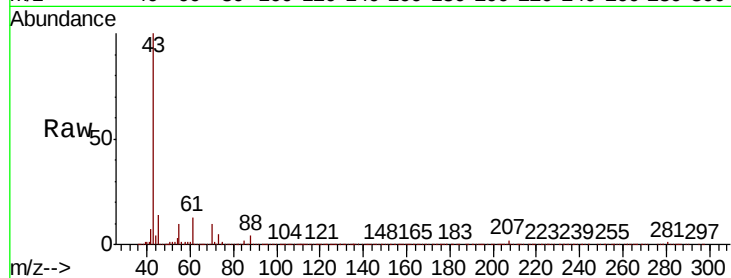




#37
Ethyl Acetate
Concen: 49.617 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

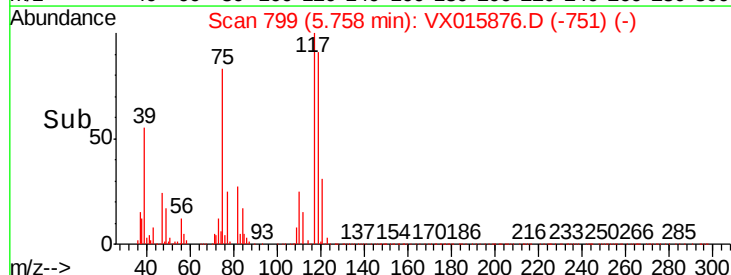
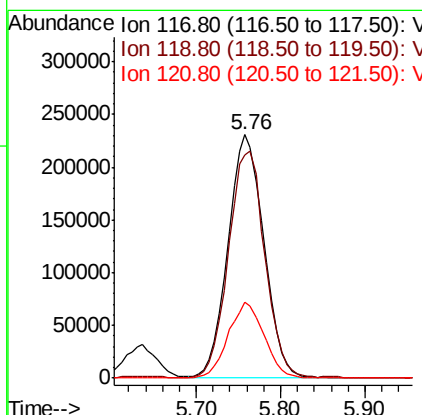
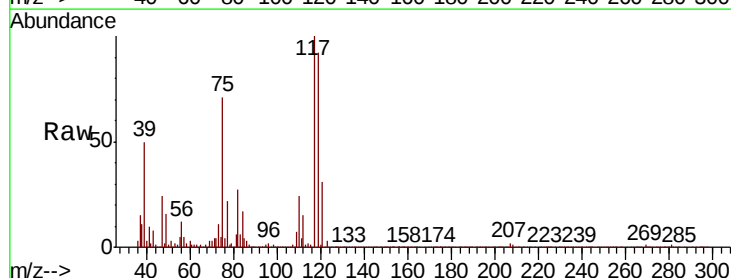
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

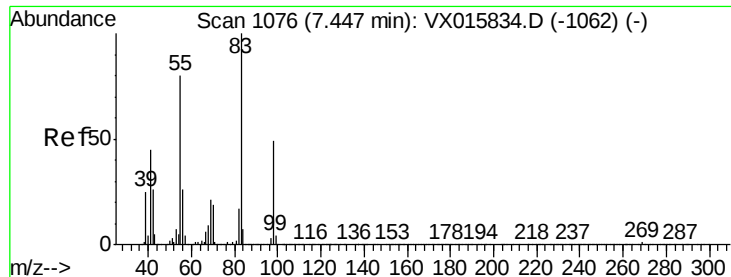
Tot Ion:	43	Resp:	780103
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	11.2	8.2	12.2



#38
Carbon Tetrachloride
Concen: 50.810 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:	117	Resp:	661184
Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.7	113.5
121	31.3	25.0	37.6

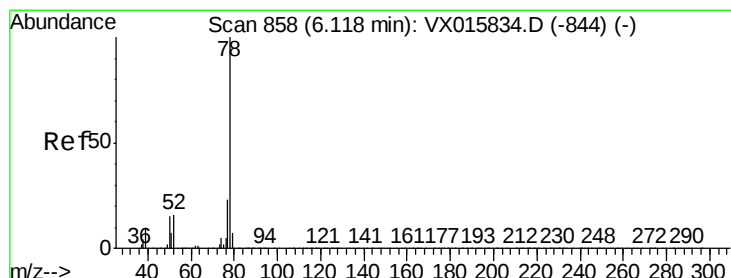
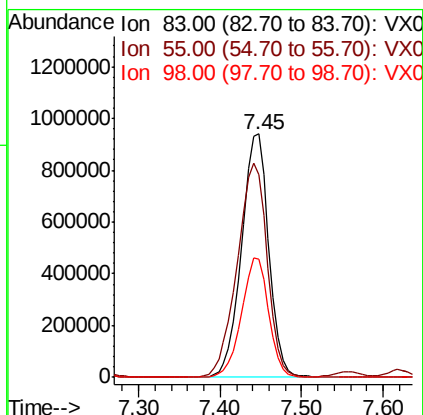
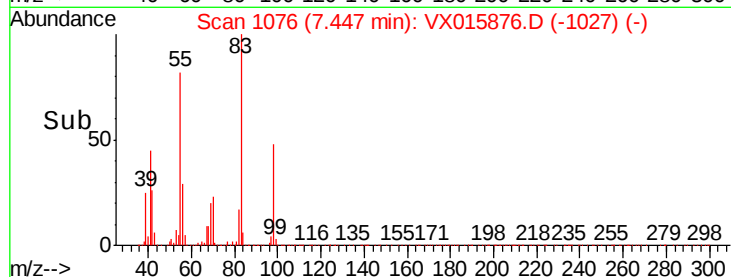
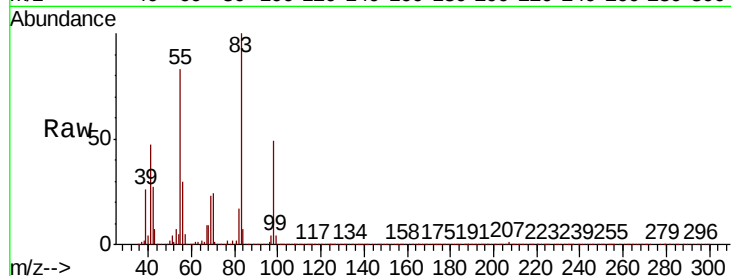




#39
Methvlcvclohexane
Concen: 130.274 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

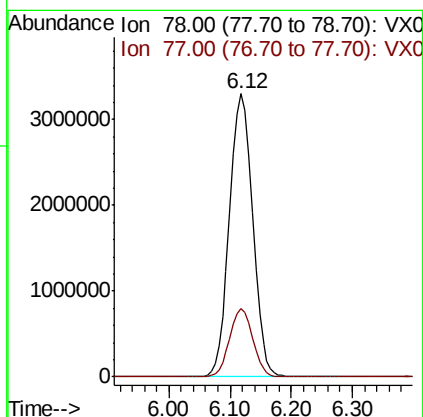
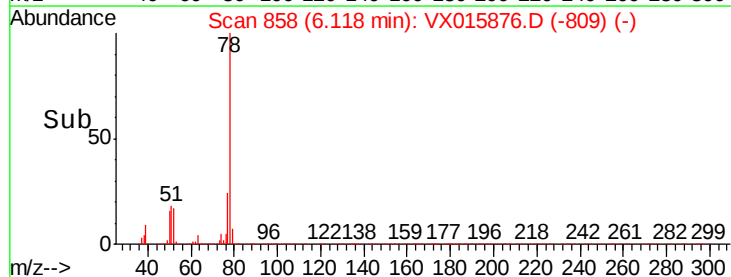
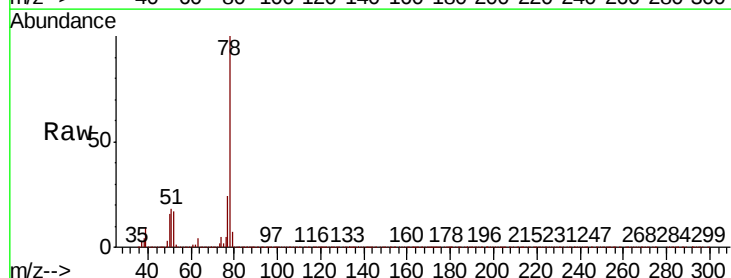
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

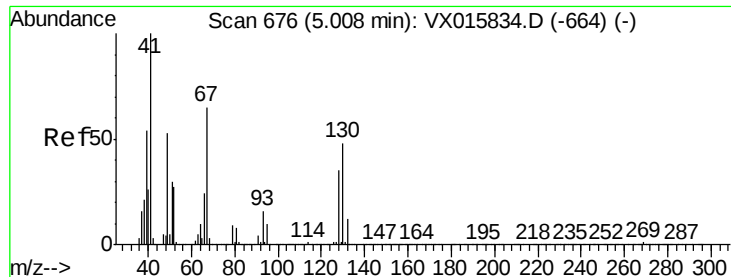
Tot Ion: 83 Resp: 2179444
Ion Ratio Lower Upper
83 100
55 83.0 64.2 96.4
98 48.7 39.3 58.9



#40
Benzene
Concen: 219.264 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 78 Resp: 8724318
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

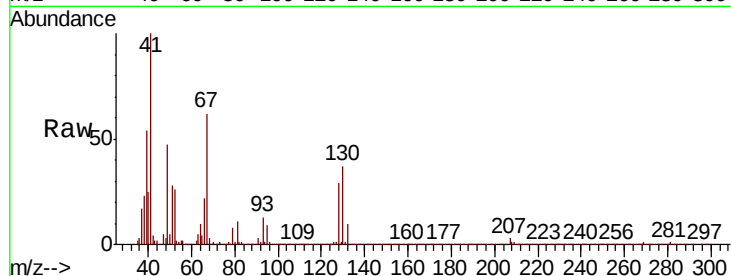




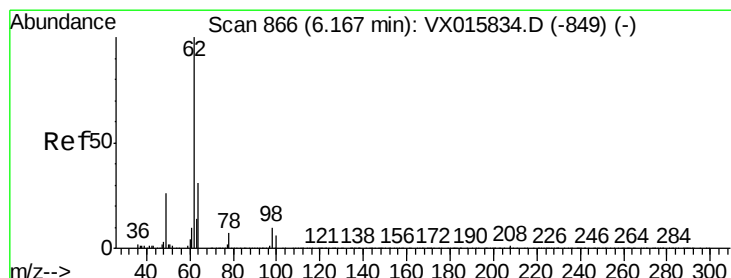
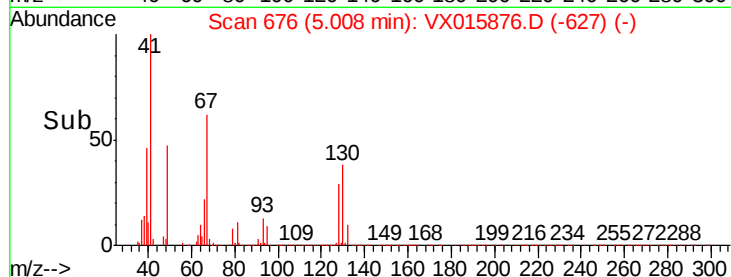
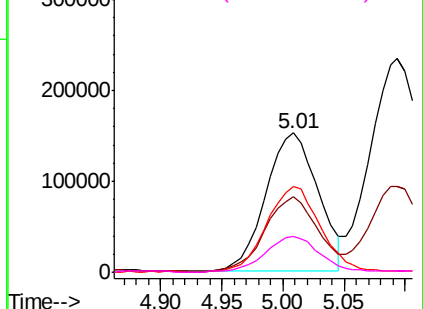
#41
Methacrylonitrile
Concen: 52.090 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion:	41	Resp:	455094
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.4	63.6
67	62.9	51.9	77.9
52	25.9	21.0	31.4

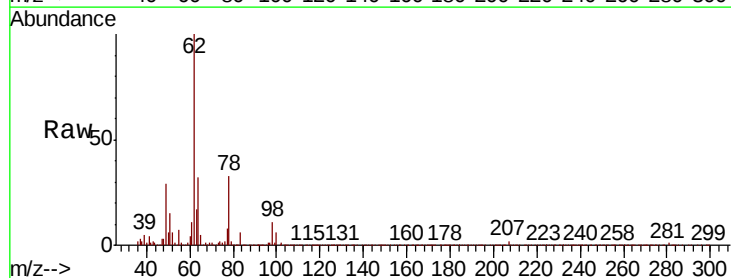


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

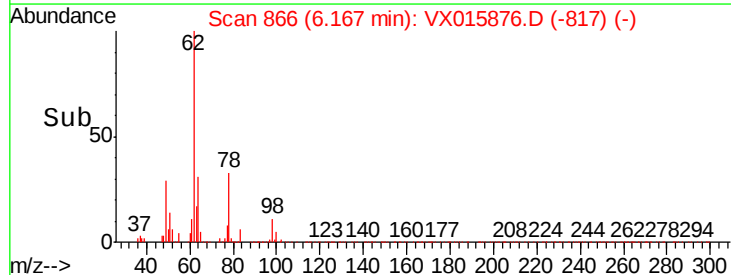
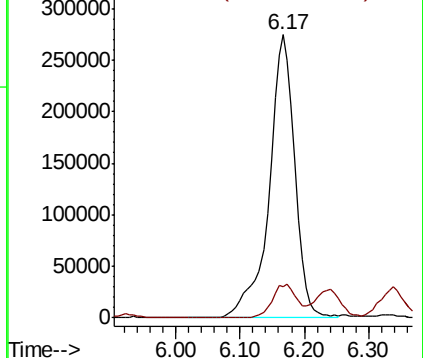


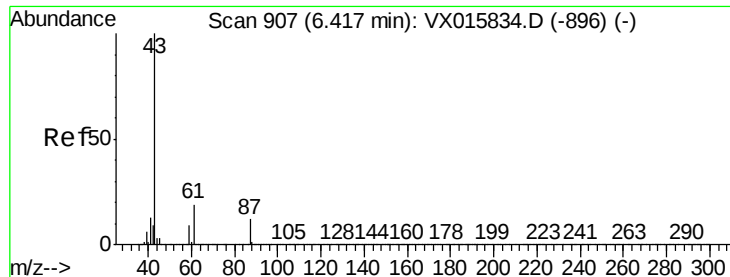
#42
1,2-Dichloroethane
Concen: 53.564 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:	62	Resp:	767468
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.712 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

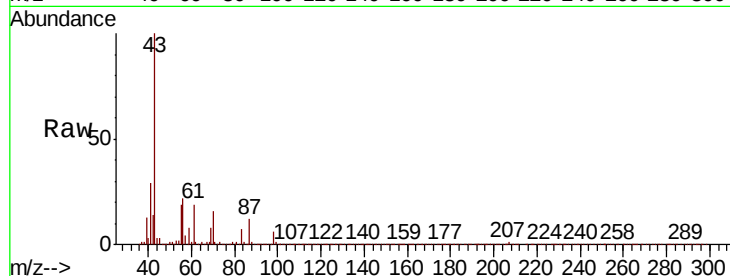
Tot Ion: 43 Resp: 1344961

Ion Ratio Lower Upper

43 100

61 18.4 15.4 23.2

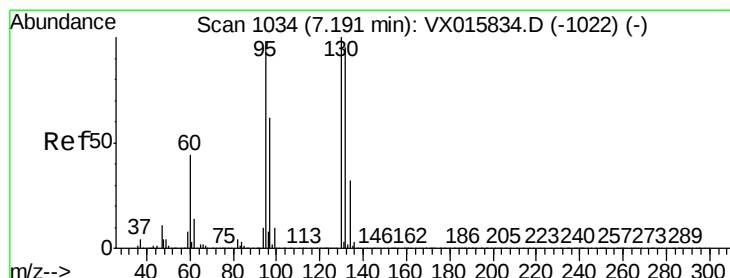
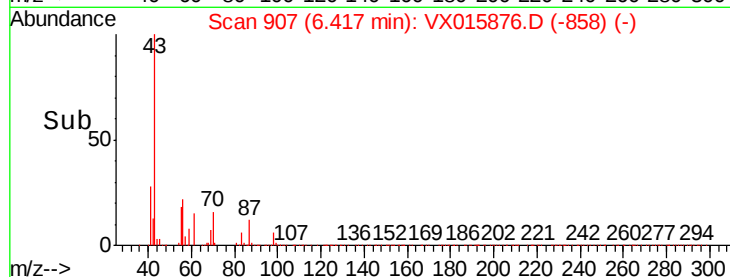
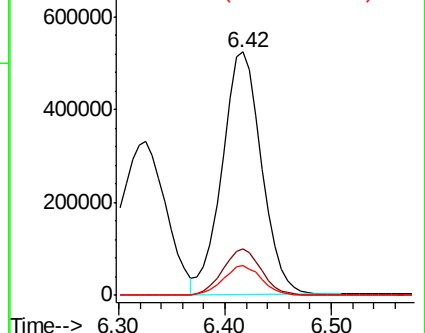
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.983 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015876.D

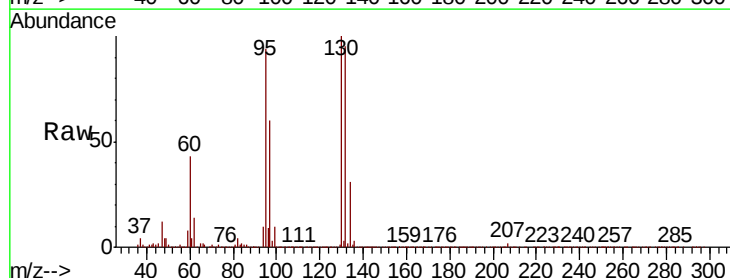
Acq: 23 Apr 2020 05:51

Tgt Ion:130 Resp: 642979

Ion Ratio Lower Upper

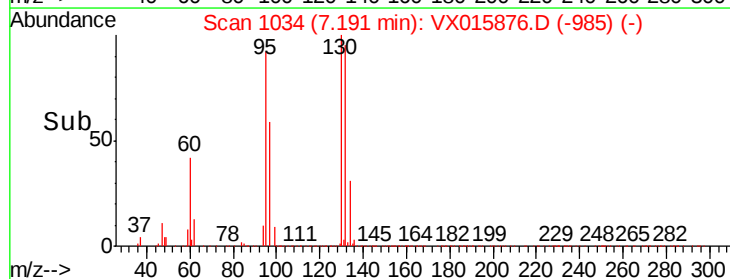
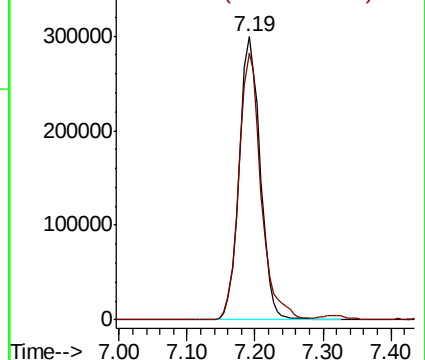
130 100

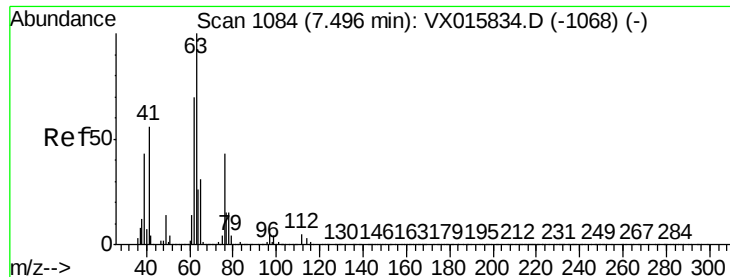
95 94.3 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.763 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

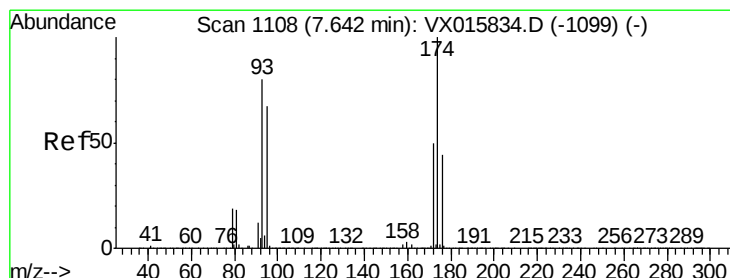
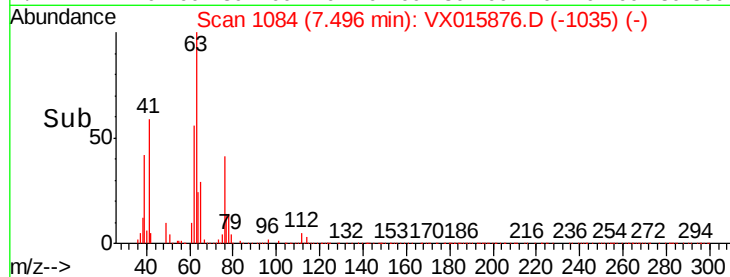
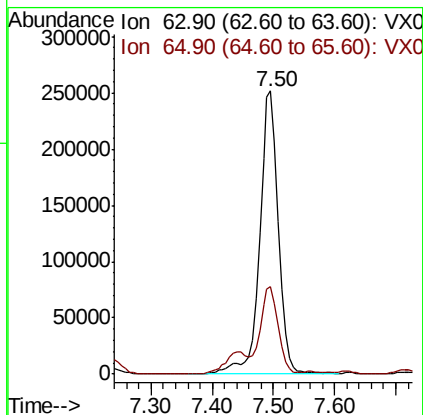
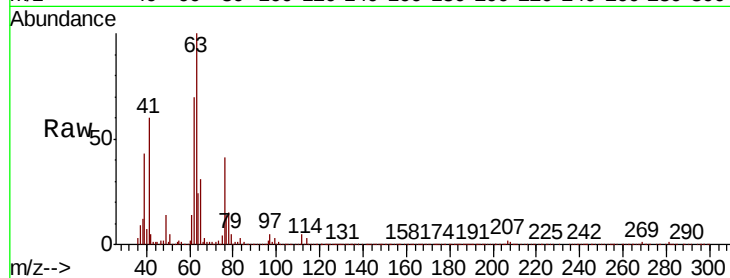
KY001MW079-200421MSD

Tot Ion: 63 Resp: 539753

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



#46

Dibromomethane

Concen: 46.726 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

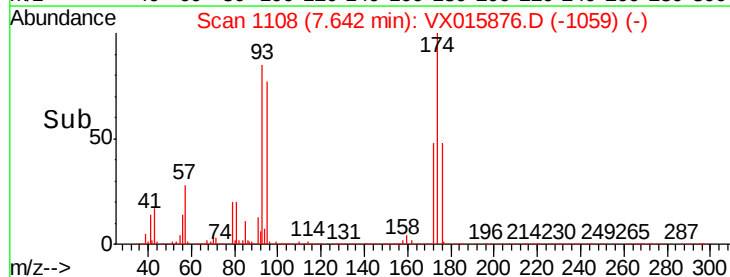
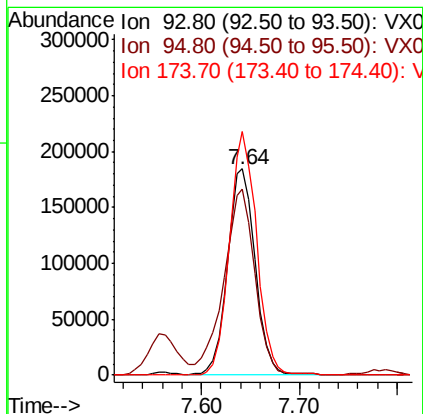
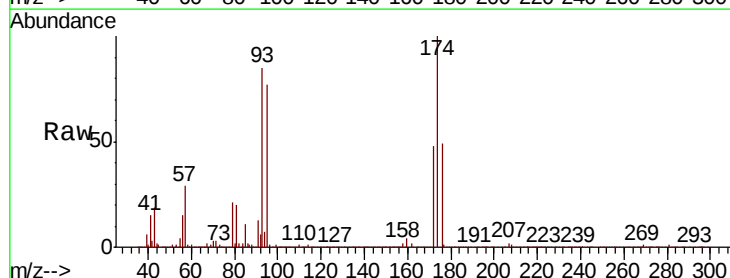
Tgt Ion: 93 Resp: 355674

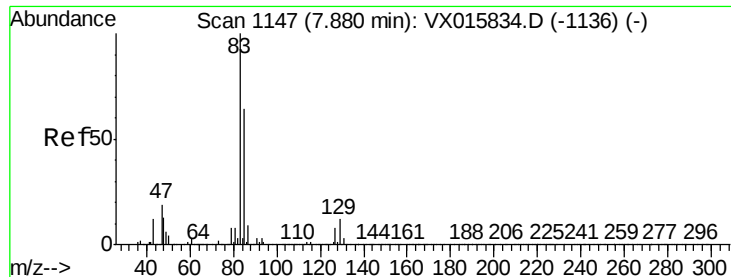
Ion Ratio Lower Upper

93 100

95 102.2 65.8 98.8#

174 117.6 95.6 143.4





#47

Bromodichloromethane

Concen: 50.490 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

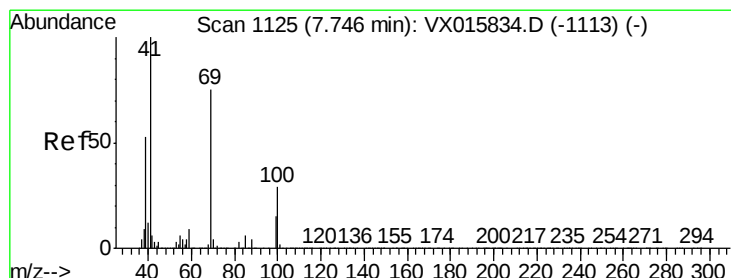
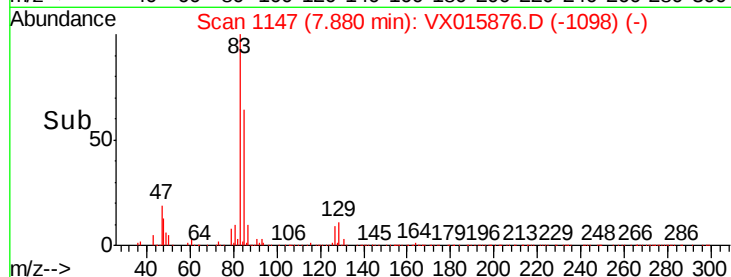
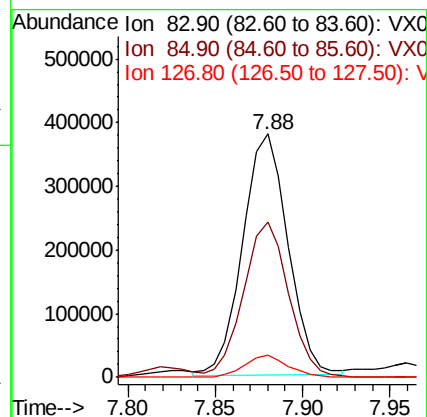
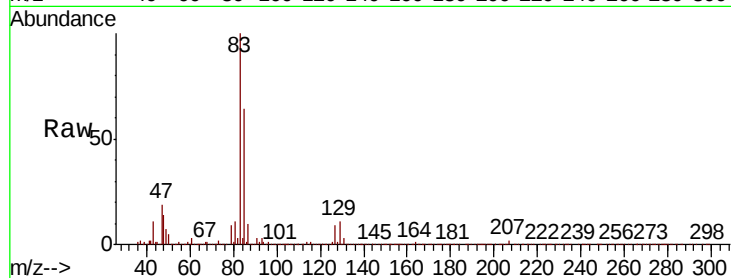
Tot Ion: 83 Resp: 683705

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

127 9.3 6.6 10.0



#48

Methyl methacrylate

Concen: 62.978 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

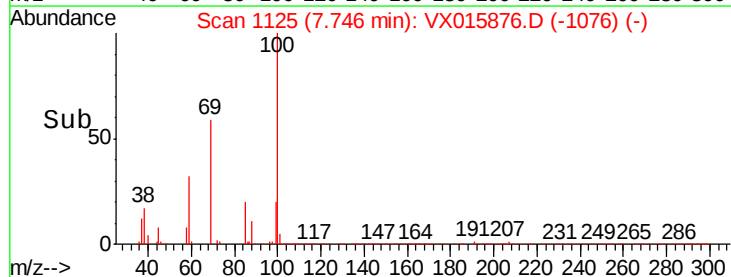
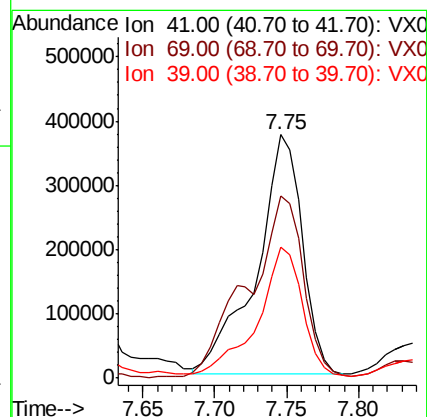
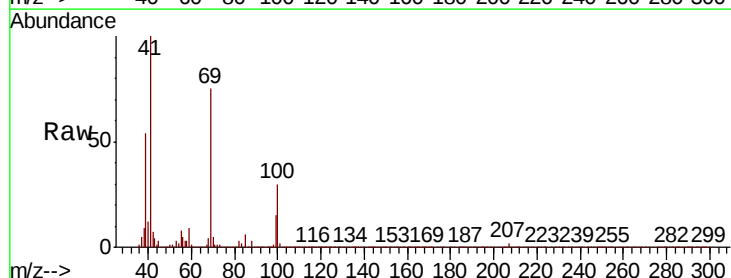
Tgt Ion: 41 Resp: 821597

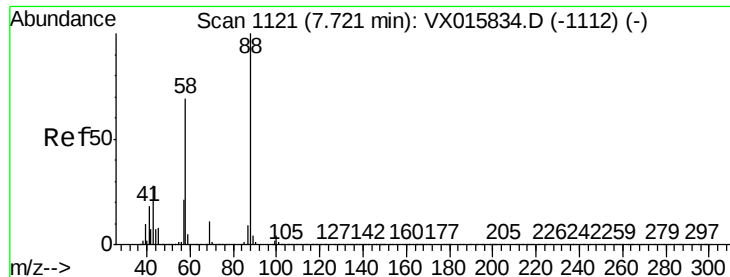
Ion Ratio Lower Upper

41 100

69 91.8 60.5 90.7#

39 52.1 42.1 63.1





#49

1,4-Dioxane

Concen: 905.414 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

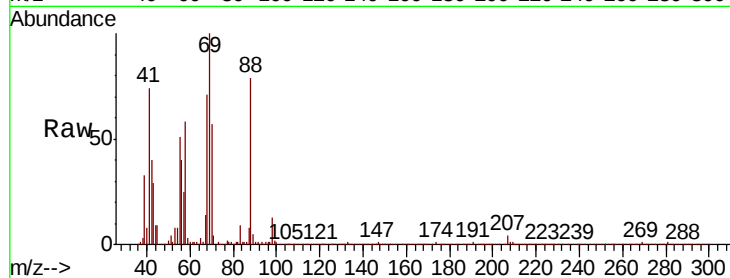
Tot Ion: 88 Resp: 223232

Ion Ratio Lower Upper

88 100

43 41.1 28.2 42.4

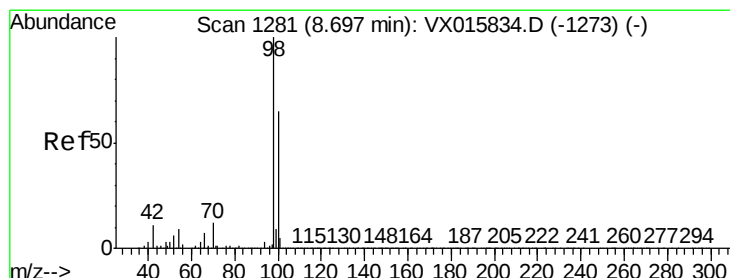
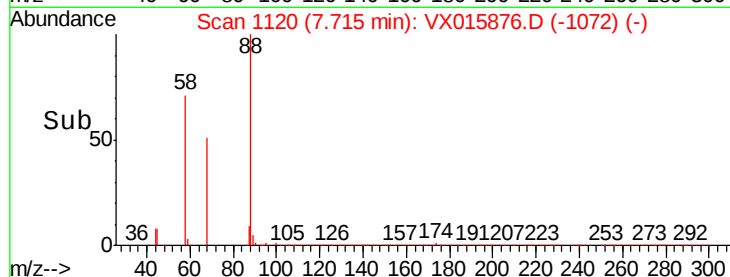
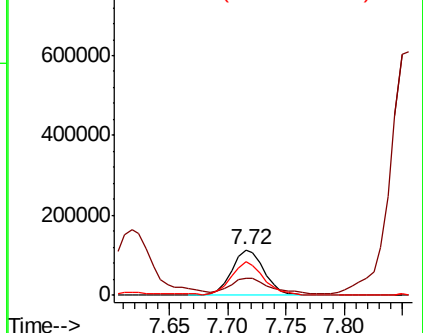
58 71.3 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.830 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015876.D

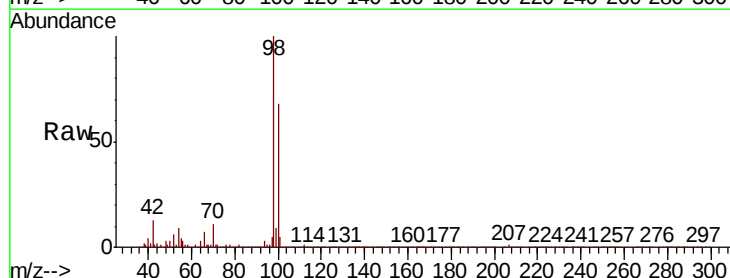
Acq: 23 Apr 2020 05:51

Tgt Ion: 98 Resp: 1760112

Ion Ratio Lower Upper

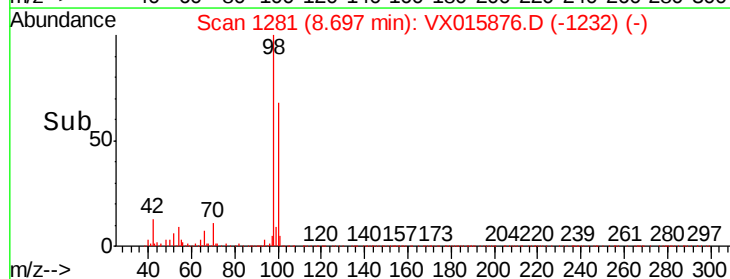
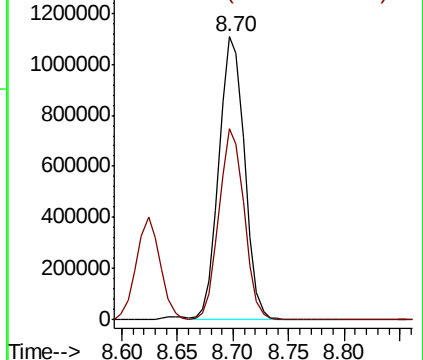
98 100

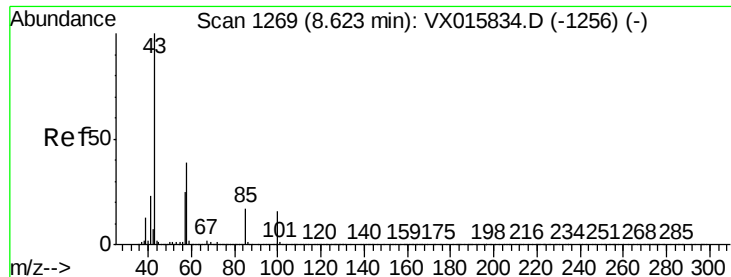
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.907 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

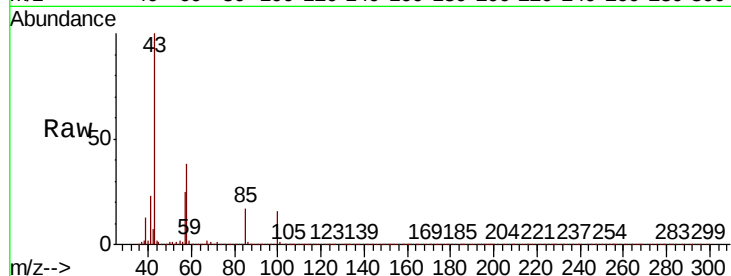
KY001MW079-200421MSD

Tot Ion: 43 Resp: 3948163

Ion Ratio Lower Upper

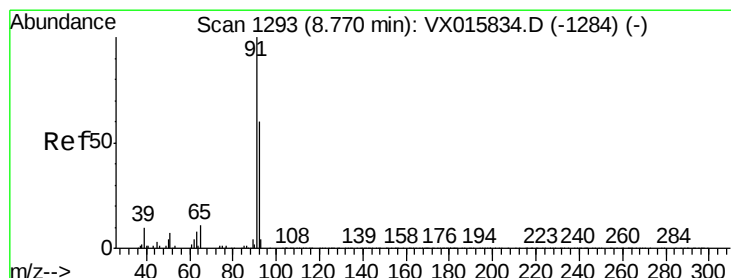
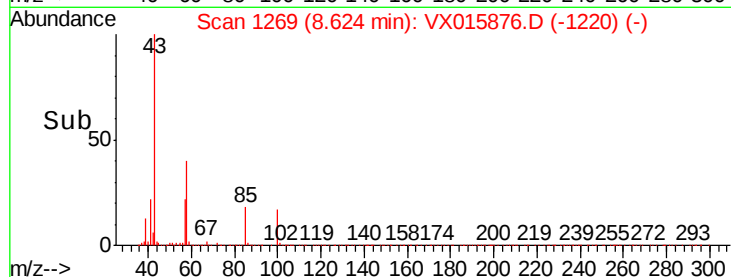
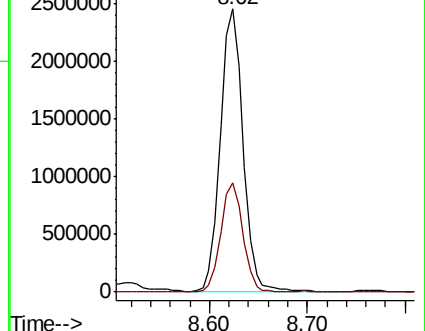
43 100

58 37.5 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.315 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015876.D

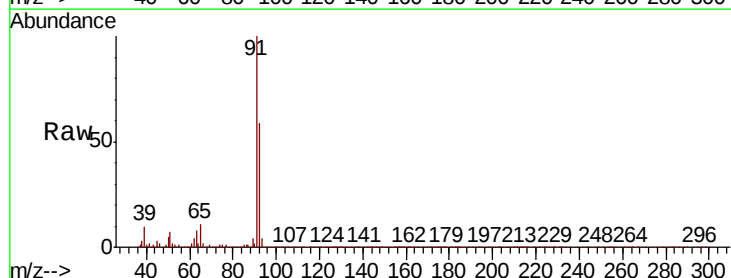
Acq: 23 Apr 2020 05:51

Tgt Ion: 92 Resp: 1334231

Ion Ratio Lower Upper

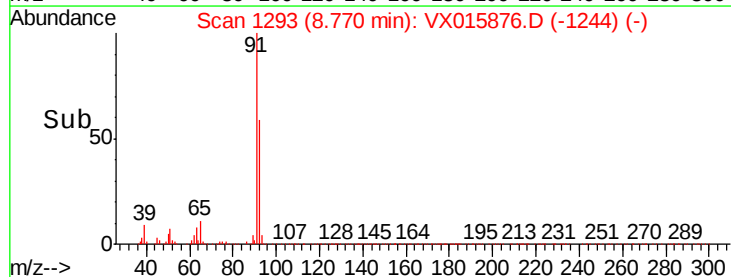
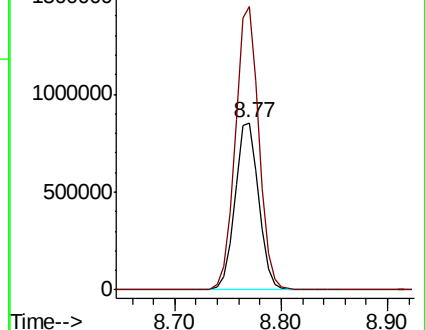
92 100

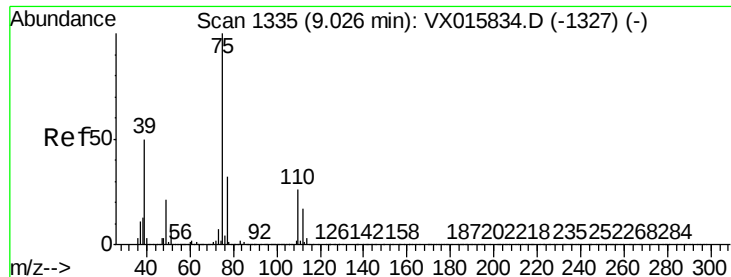
91 167.5 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

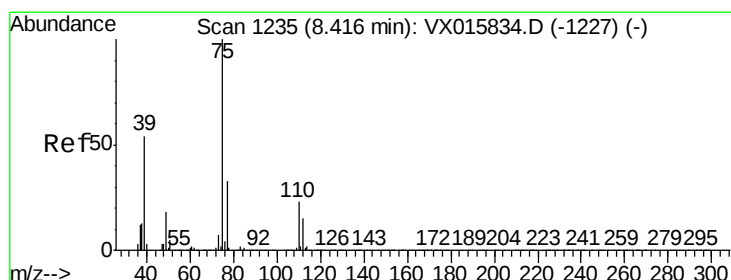
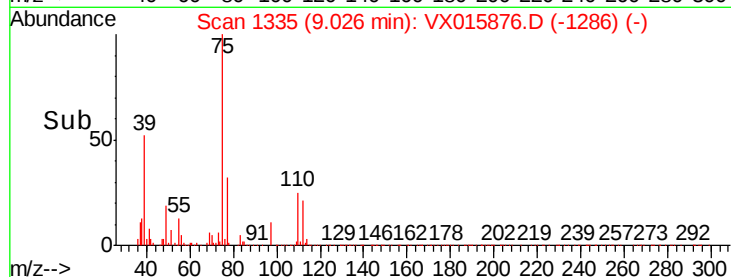
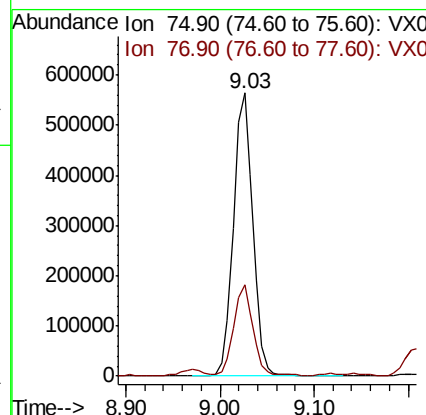
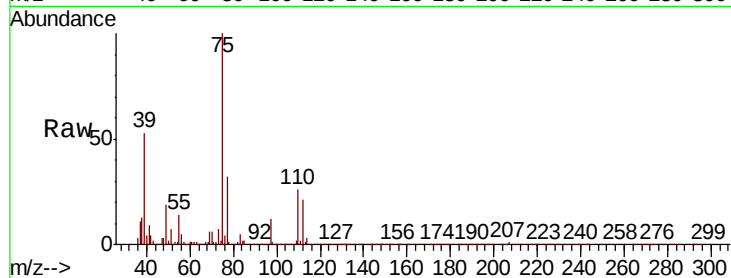




#53
t-1,3-Dichloropropene
Concen: 47.624 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

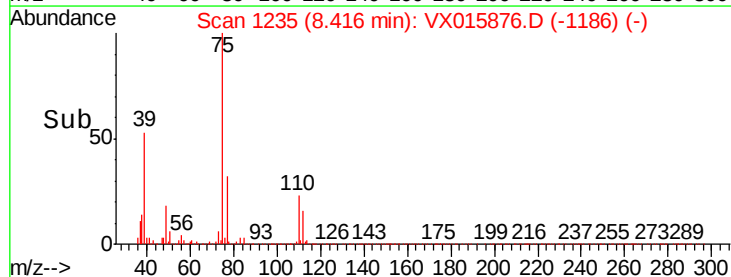
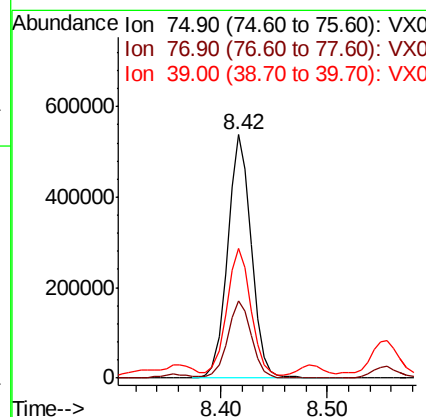
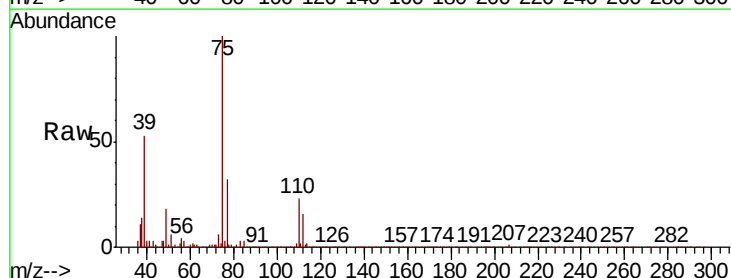
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

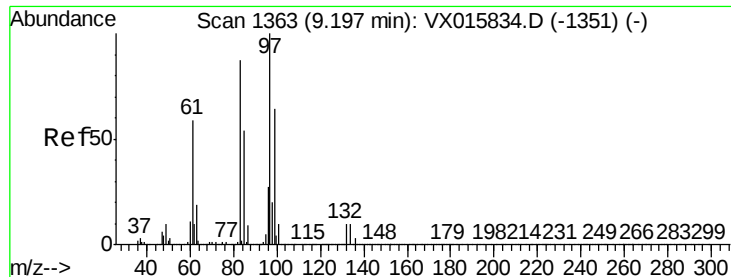
Tot Ion: 75 Resp: 800161
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 46.777 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 75 Resp: 830656
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
39 51.1 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 50.006 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

Tot Ion: 97 Resp: 498002

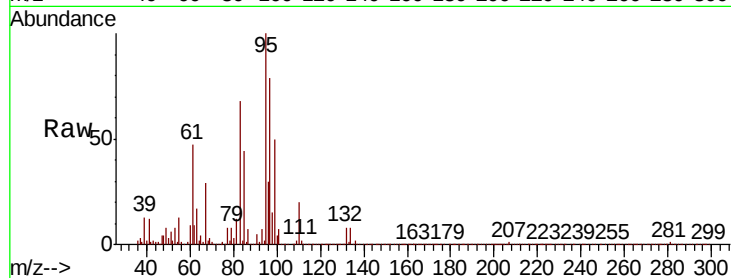
Ion Ratio Lower Upper

97 100

83 85.5 69.8 104.8

85 54.6 43.4 65.2

99 63.0 51.2 76.8

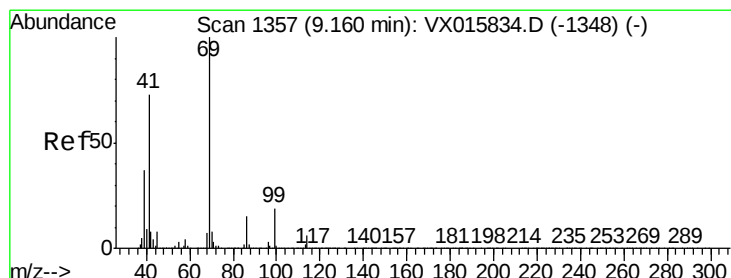
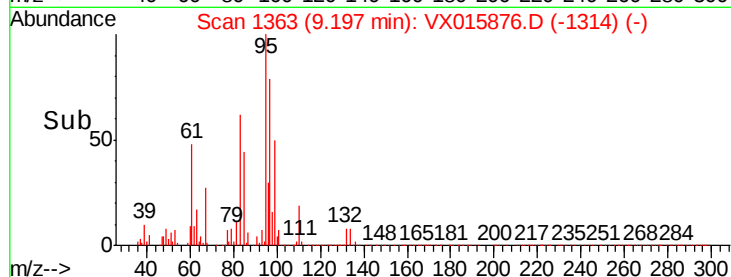
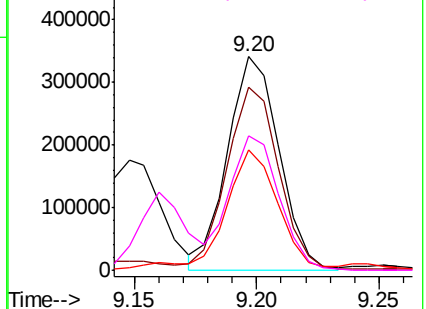


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.937 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

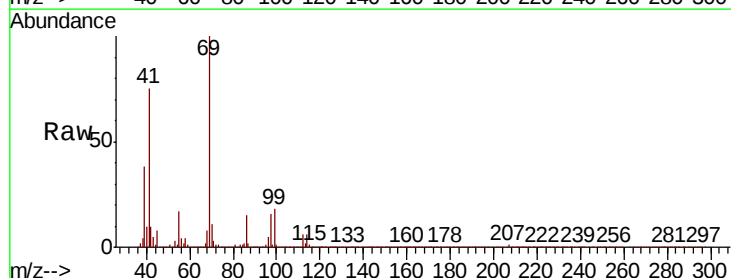
Tgt Ion: 69 Resp: 926706

Ion Ratio Lower Upper

69 100

41 79.9 57.4 86.2

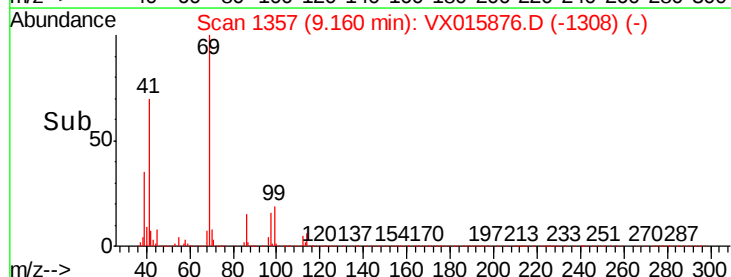
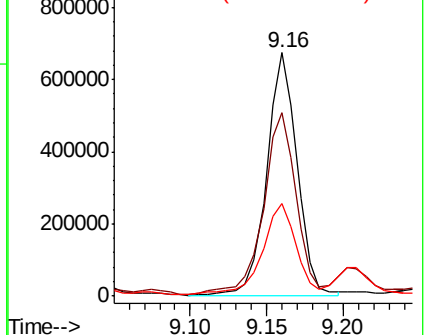
39 41.8 29.7 44.5

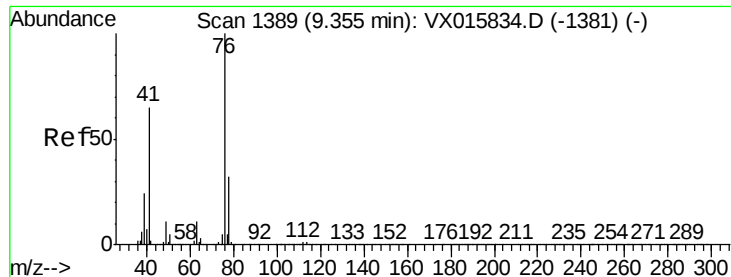


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.262 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

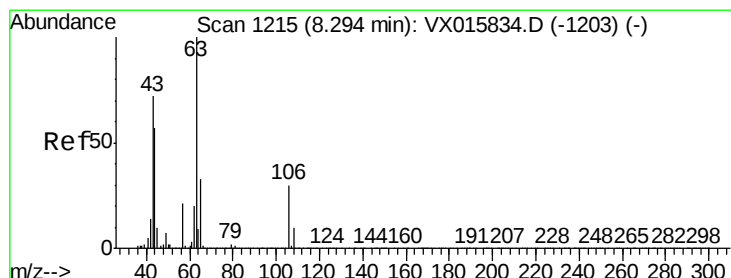
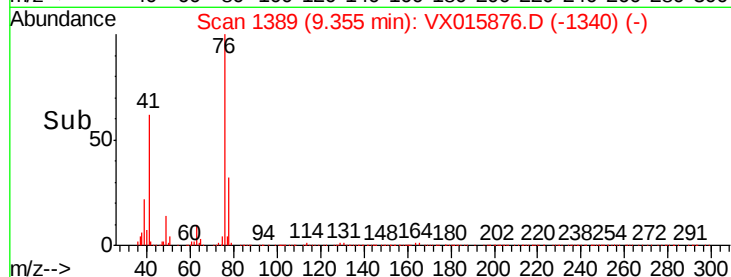
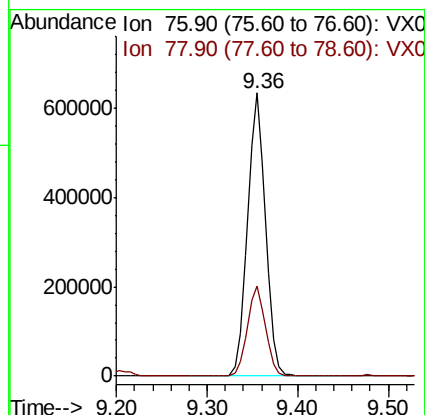
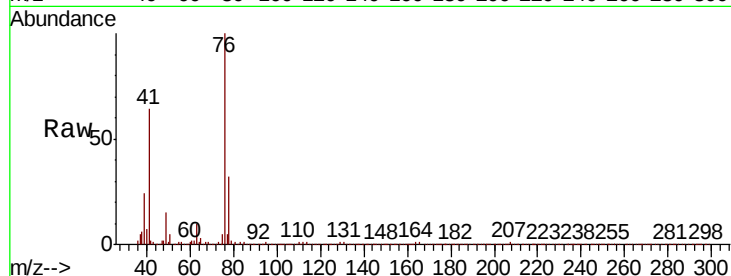
KY001MW079-200421MSD

Tot Ion: 76 Resp: 869822

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 0.584 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.12 min

Lab File: VX015876.D

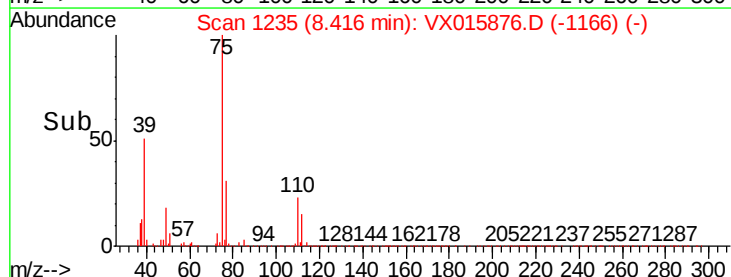
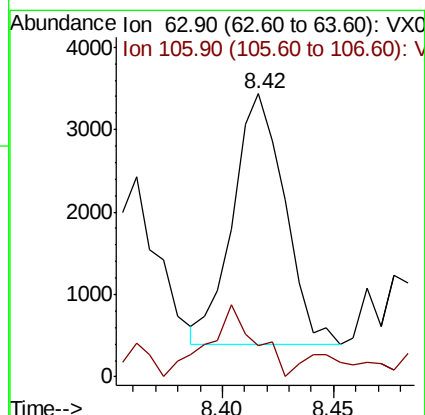
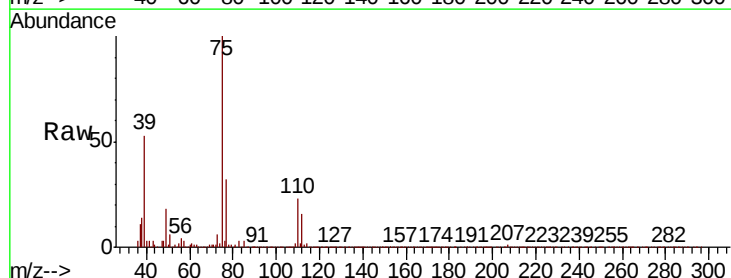
Acq: 23 Apr 2020 05:51

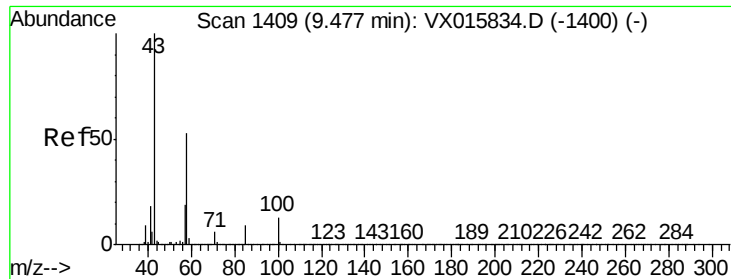
Tgt Ion: 63 Resp: 4918

Ion Ratio Lower Upper

63 100

106 26.0 23.8 35.8

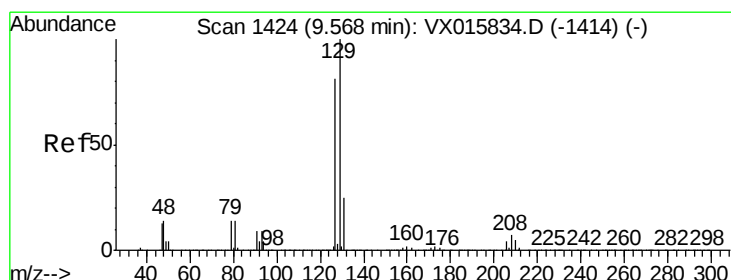
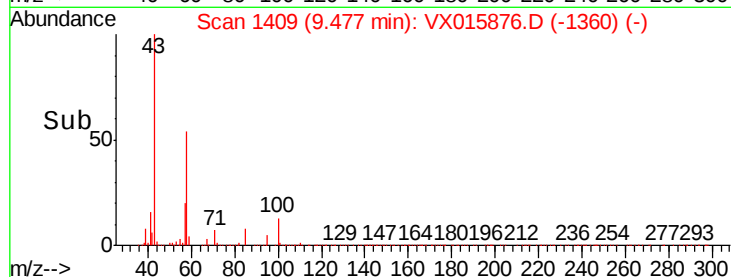
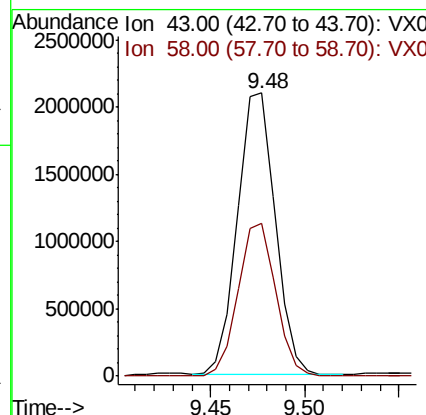
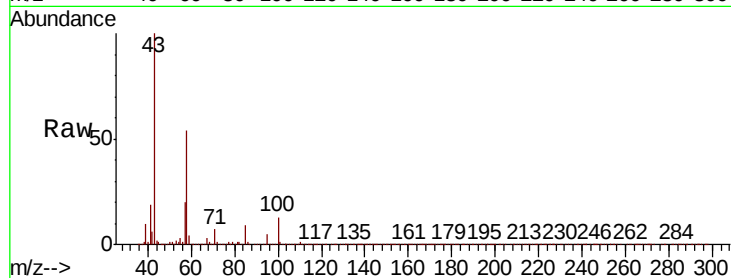




#59
2-Hexanone
Concen: 251.044 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

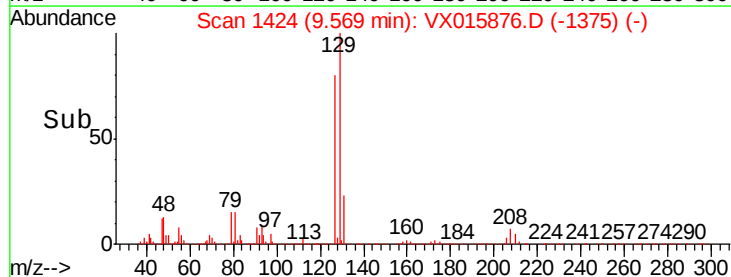
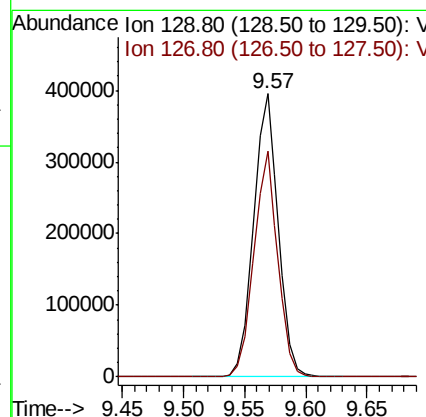
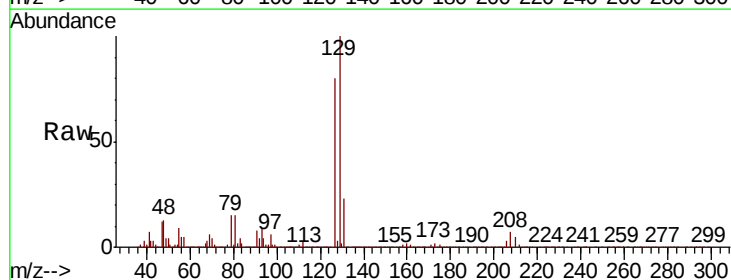
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

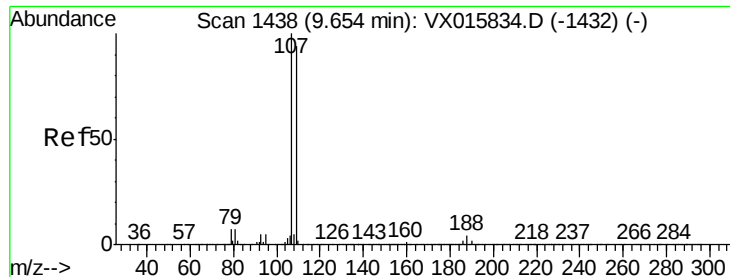
Tot Ion: 43 Resp: 2927701
Ion Ratio Lower Upper
43 100
58 54.0 26.5 79.4



#60
Dibromochloromethane
Concen: 53.946 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 129 Resp: 554801
Ion Ratio Lower Upper
129 100
127 77.3 40.0 120.0

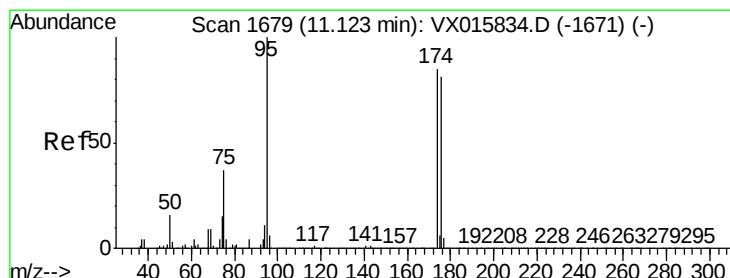
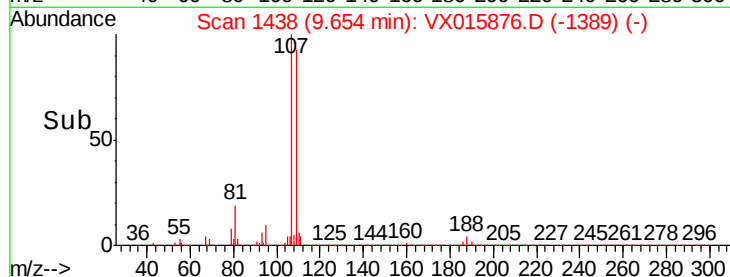
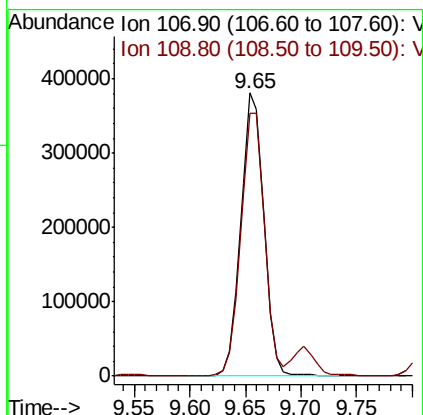
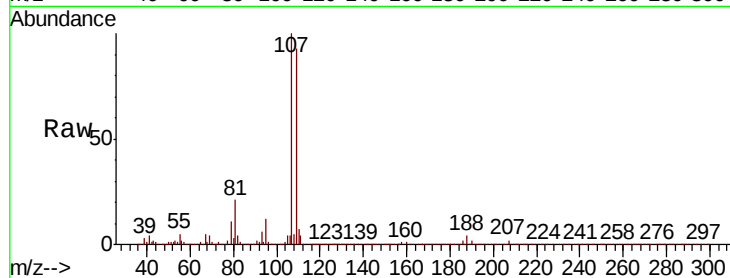




#61
 1,2-Dibromoethane
 Concen: 49.521 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

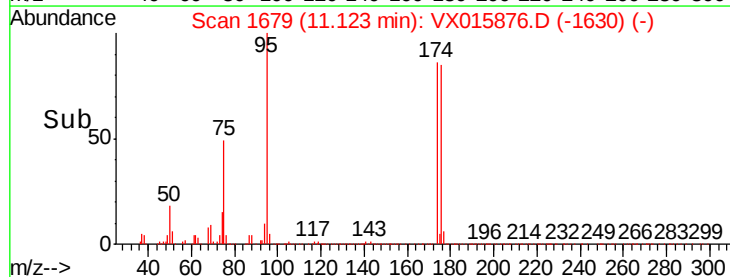
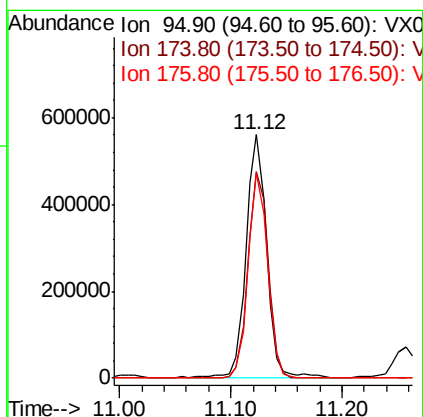
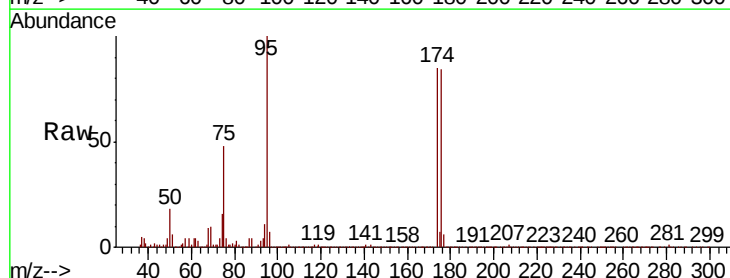
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

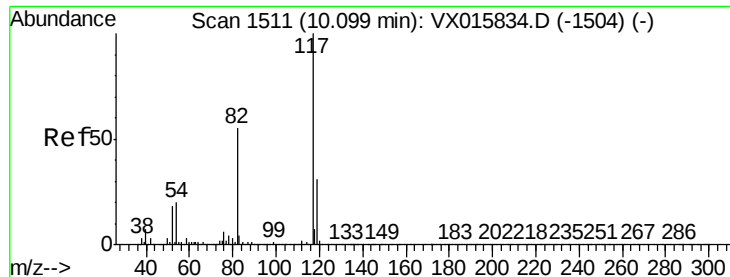
Tot Ion: 107 Resp: 545052
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.799 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion: 95 Resp: 707407
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 172.4
 176 80.8 0.0 167.0

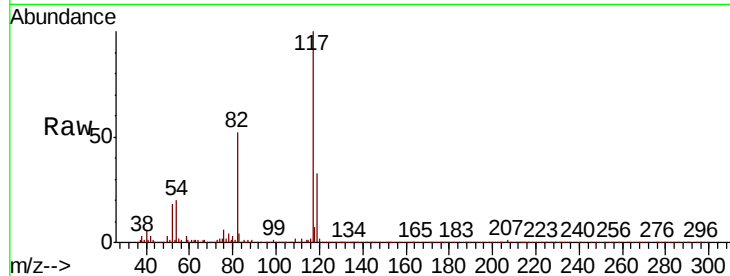




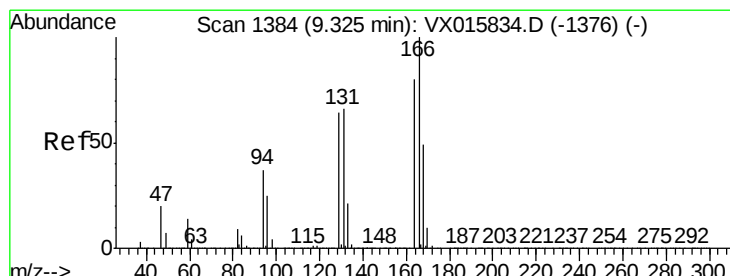
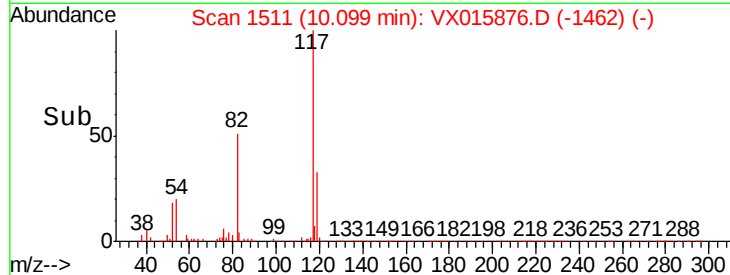
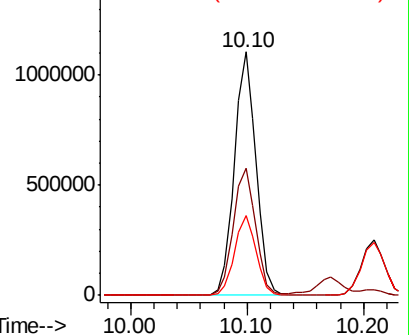
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion:117 Resp: 1431038
Ion Ratio Lower Upper
117 100
82 51.9 43.9 65.9
119 32.6 25.1 37.7

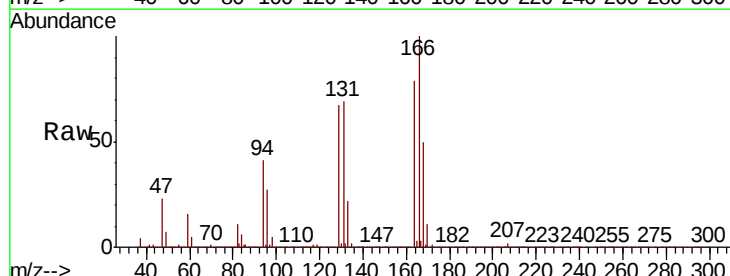


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

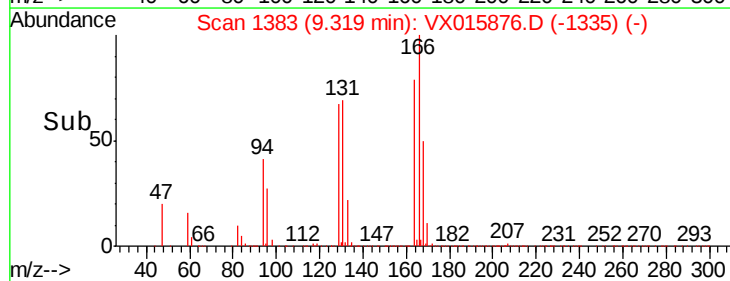
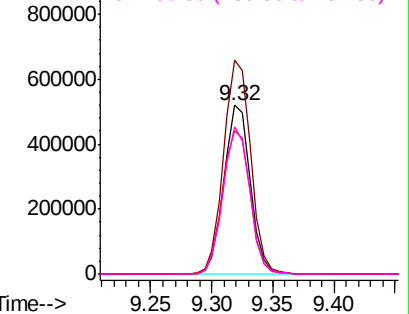


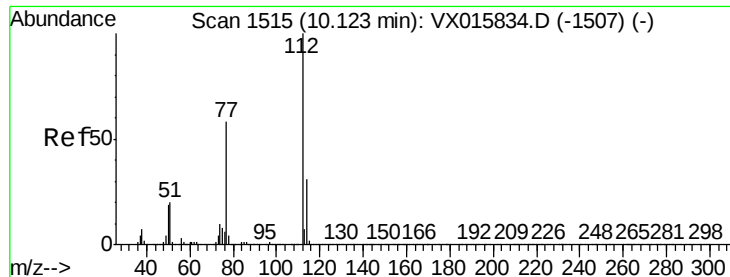
#64
Tetrachloroethene
Concen: 40.201 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:164 Resp: 775435
Ion Ratio Lower Upper
164 100
166 126.5 100.2 150.2
129 84.7 64.5 96.7
131 86.8 65.9 98.9



Abundance Ion 163.80 (163.50 to 164.50): V
1000000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.437 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

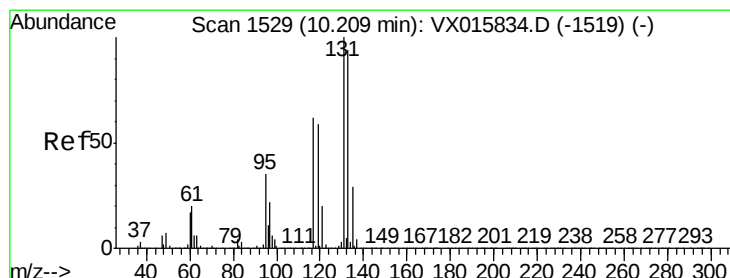
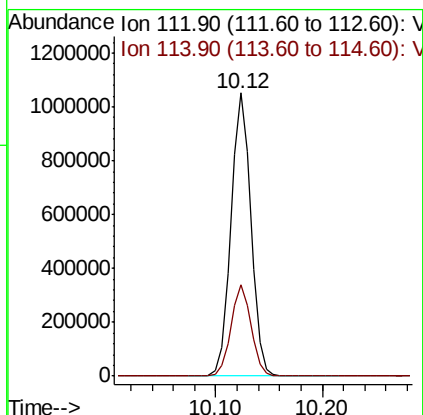
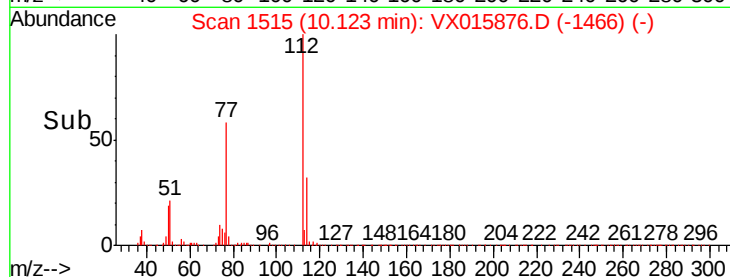
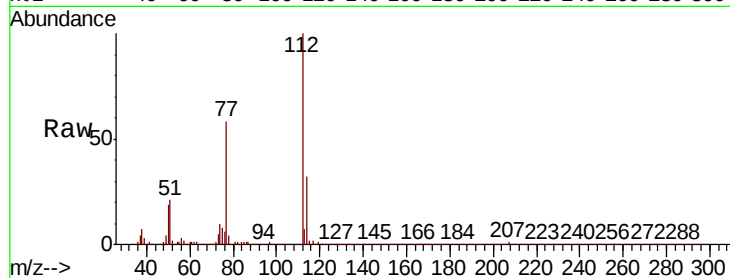
KY001MW079-200421MSD

Tot Ion:112 Resp: 1386090

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.096 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

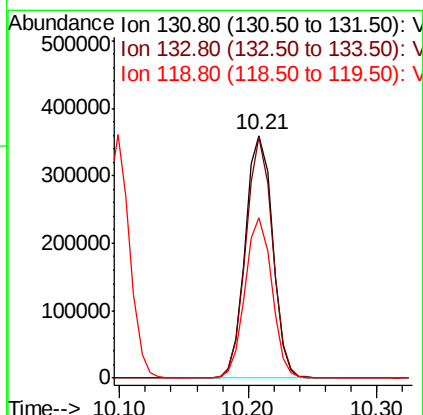
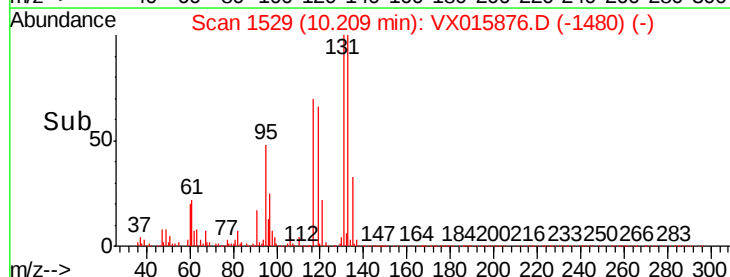
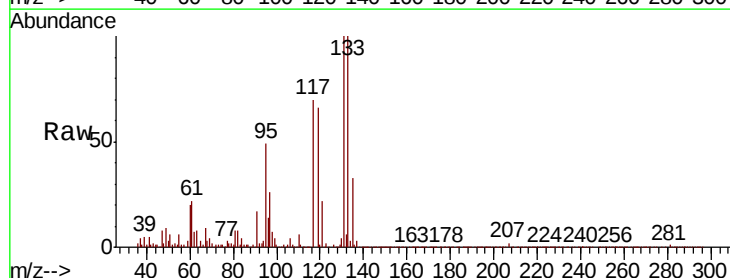
Tgt Ion:131 Resp: 525164

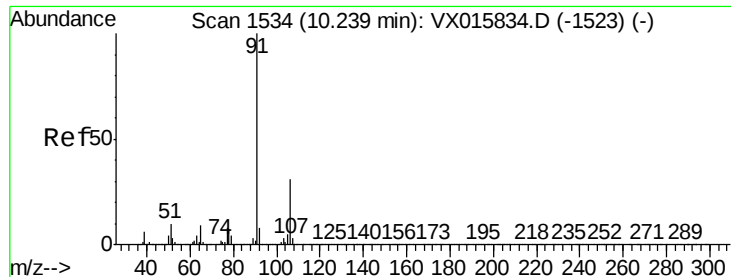
Ion Ratio Lower Upper

131 100

133 95.9 47.0 141.2

119 64.8 30.9 92.8





#67

Ethyl Benzene

Concen: 270.960 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.10 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

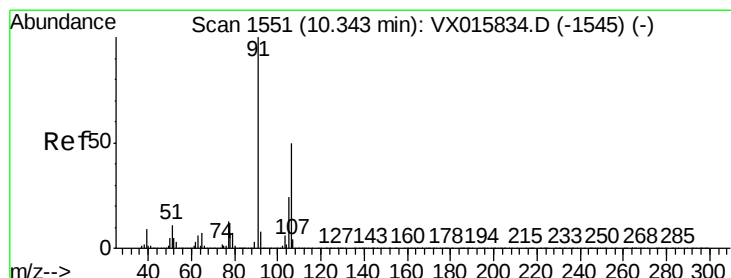
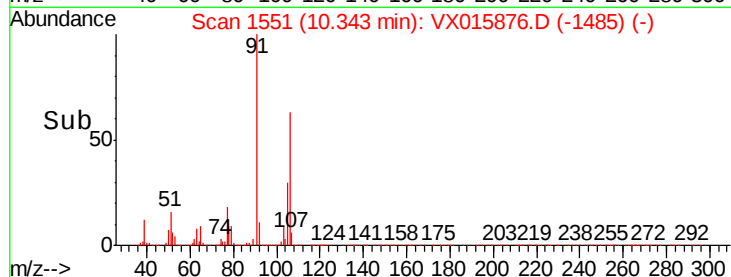
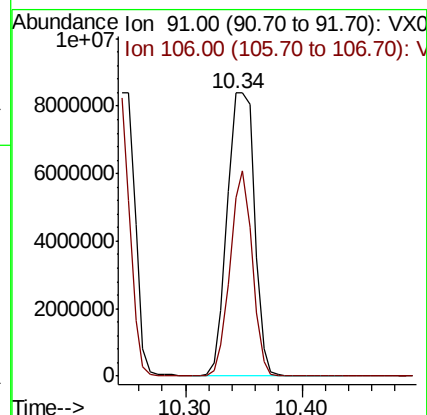
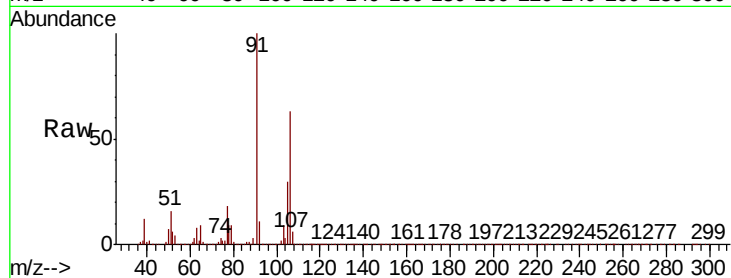
KY001MW079-200421MSD

Tot Ion: 91 Resp: 13616345

Ion Ratio Lower Upper

91 100

106 63.1 25.0 37.4#



#68

m/p-Xylenes

Concen: 427.761 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015876.D

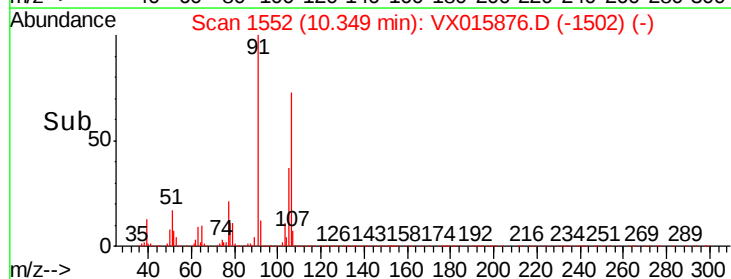
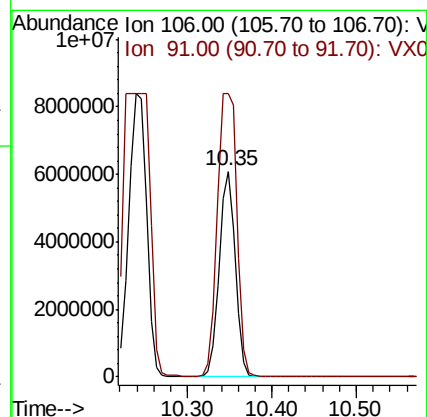
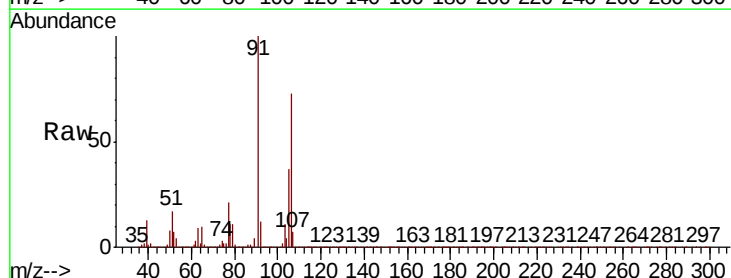
Acq: 23 Apr 2020 05:51

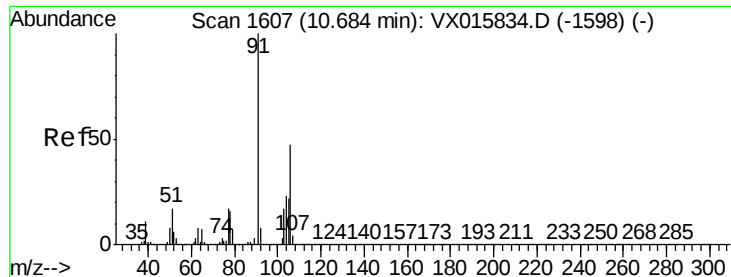
Tgt Ion: 106 Resp: 8068551

Ion Ratio Lower Upper

106 100

91 168.8 161.1 241.7

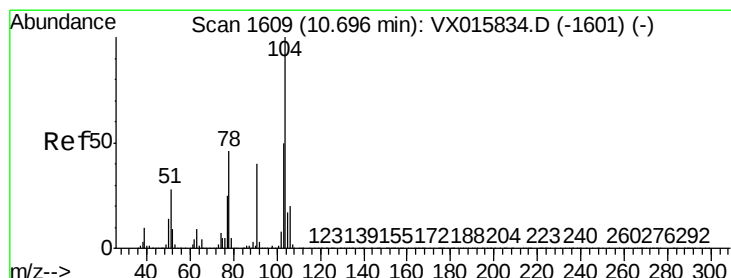
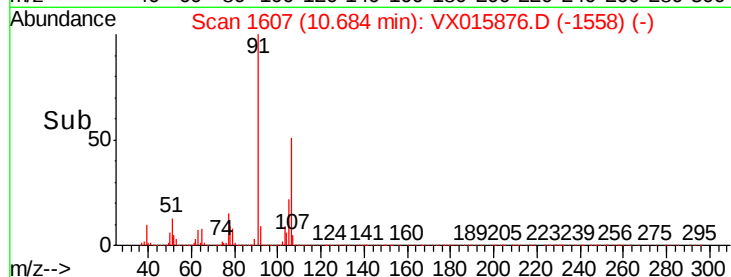
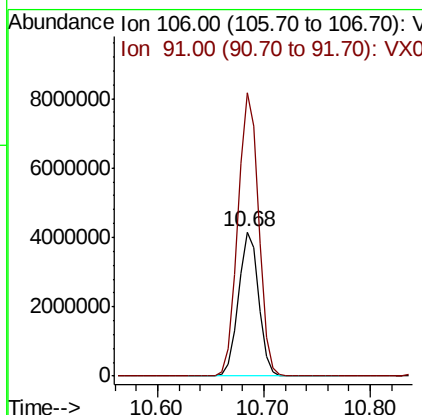
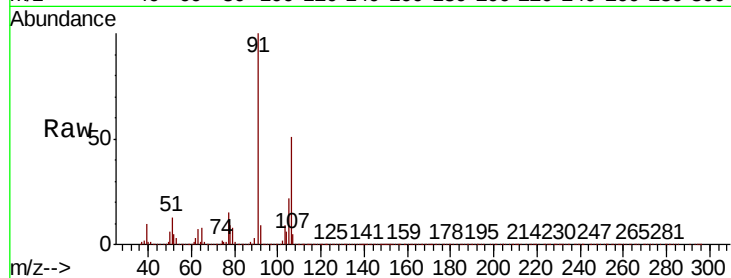




#69
o-Xylene
Concen: 298.214 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

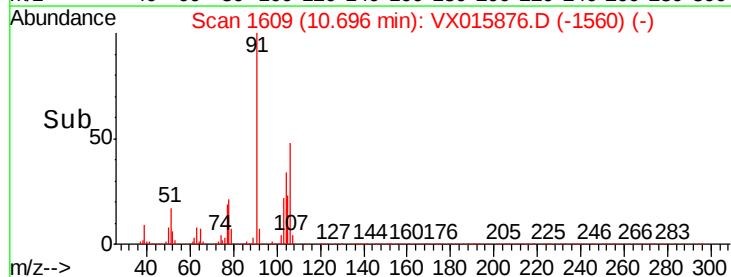
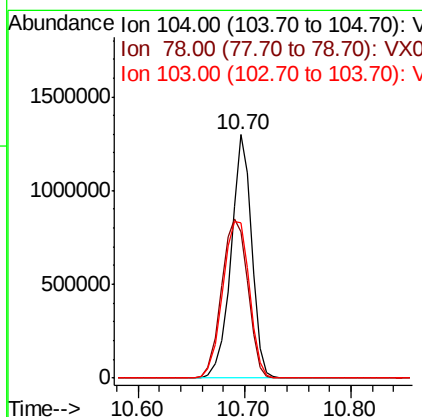
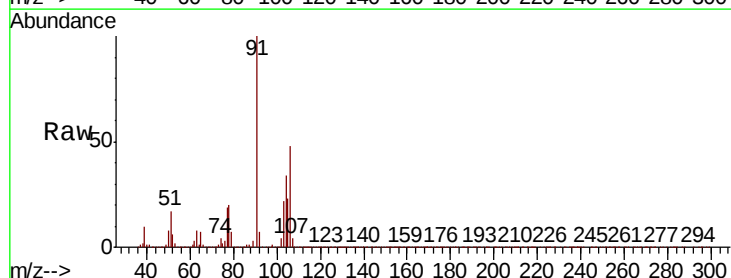
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

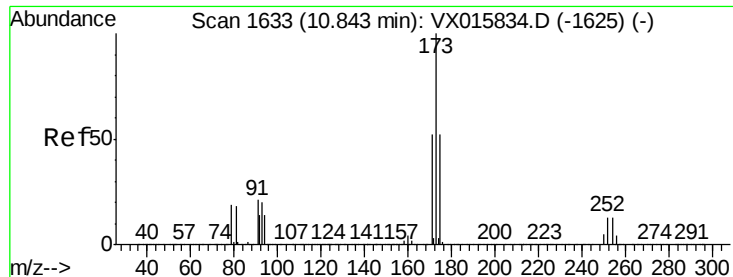
Tot Ion:106 Resp: 5535303
Ion Ratio Lower Upper
106 100
91 202.2 107.1 321.3



#70
Styrene
Concen: 54.907 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:104 Resp: 1764676
Ion Ratio Lower Upper
104 100
78 82.7 40.1 60.1#
103 83.0 43.3 64.9#





#71

Bromoform

Concen: 55.538 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

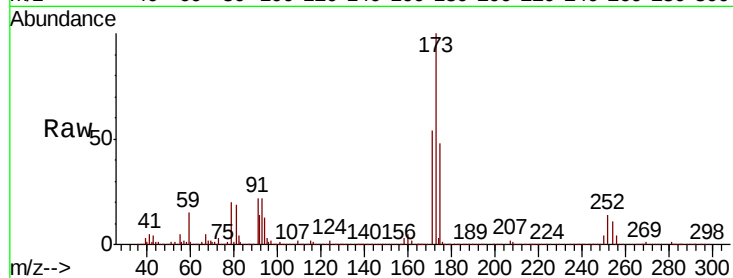
Tot Ion:173 Resp: 387117

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.4

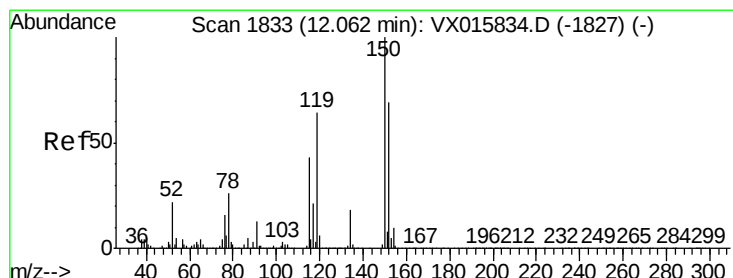
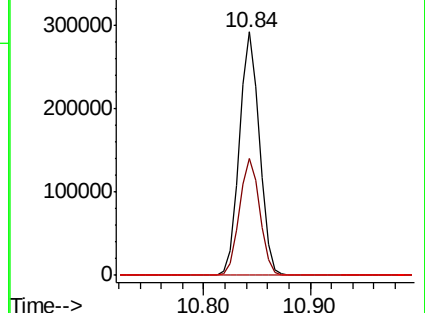
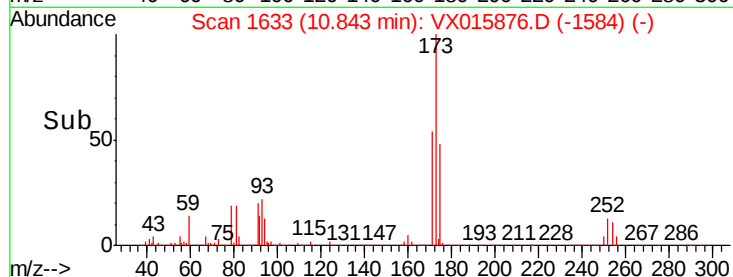
254 0.1 0.3 0.5#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

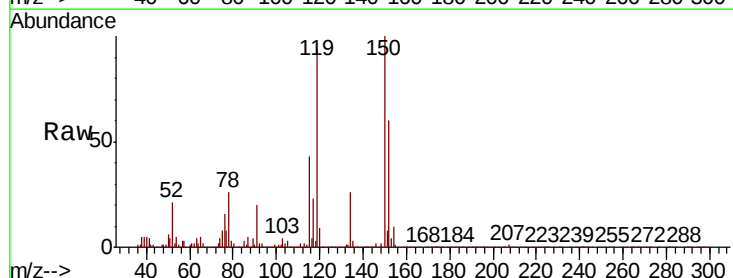
Tgt Ion:152 Resp: 716889

Ion Ratio Lower Upper

152 100

115 81.2 39.0 116.9

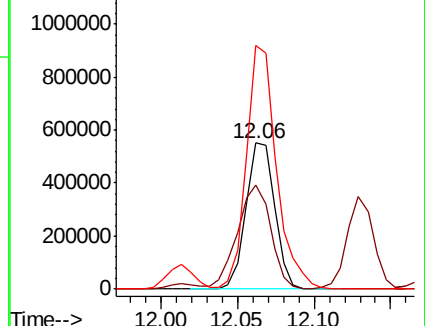
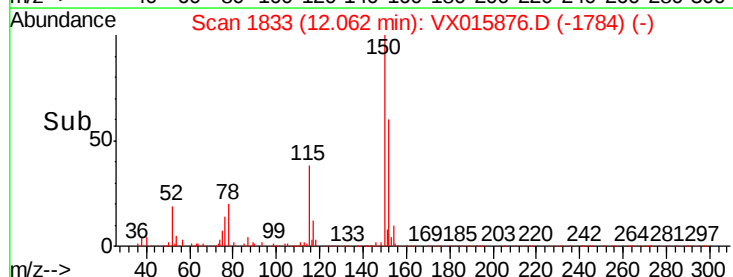
150 173.9 0.0 336.8

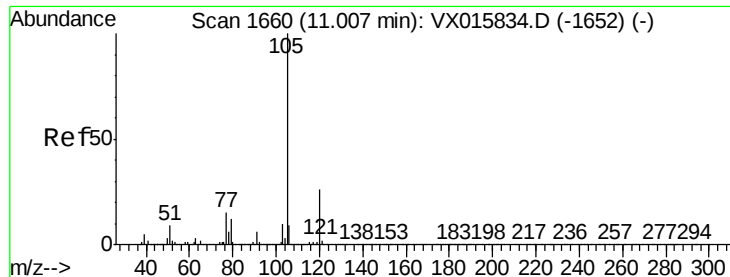


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 325.918 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

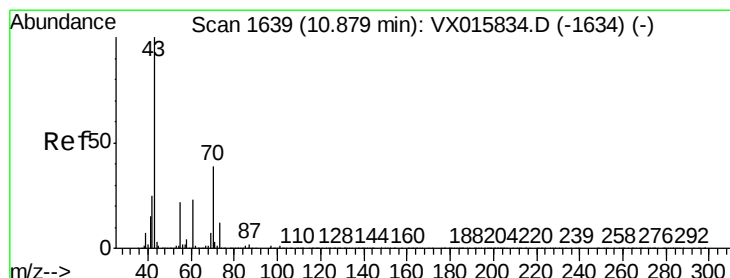
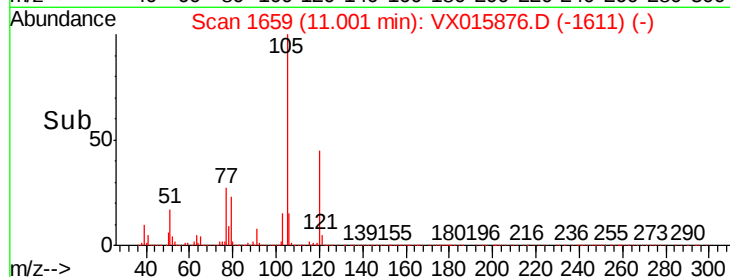
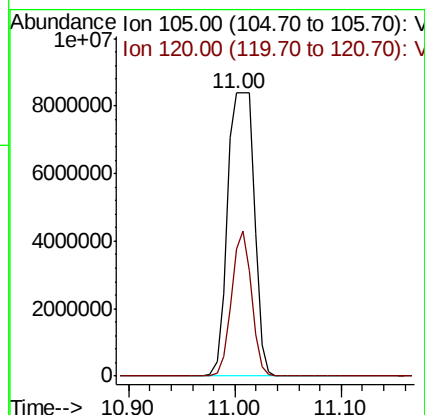
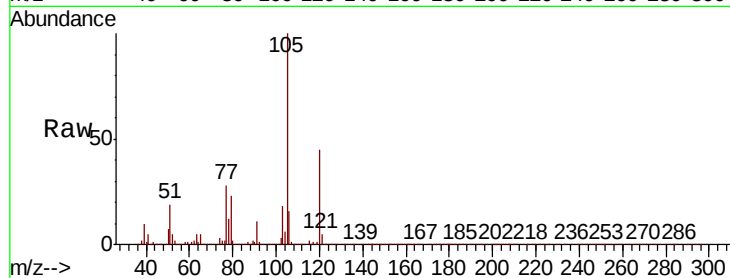
KY001MW079-200421MSD

Tot Ion:105 Resp:14838910

Ion Ratio Lower Upper

105 100

120 38.0 13.1 39.1



#74

N-ethyl acetate

Concen: 48.607 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Tgt Ion: 43 Resp: 1142487

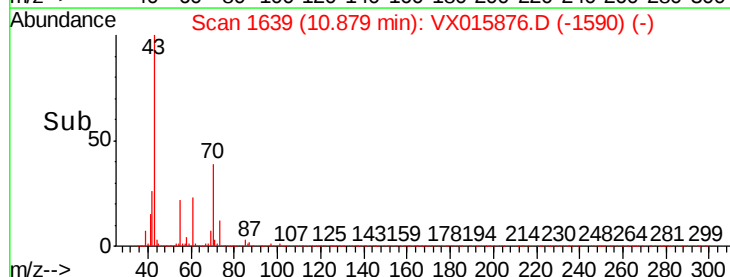
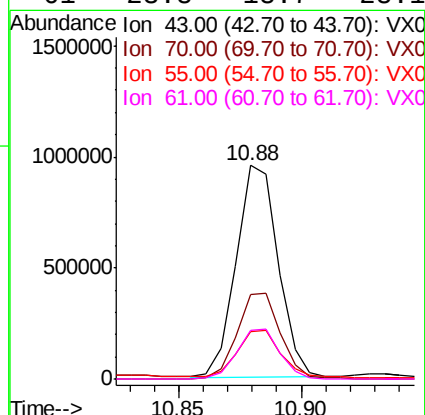
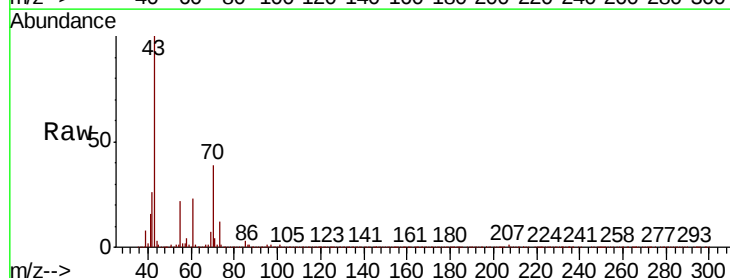
Ion Ratio Lower Upper

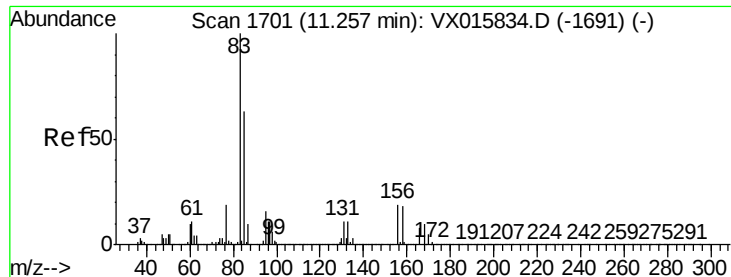
43 100

70 41.5 32.6 49.0

55 25.1 18.3 27.5

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.456 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

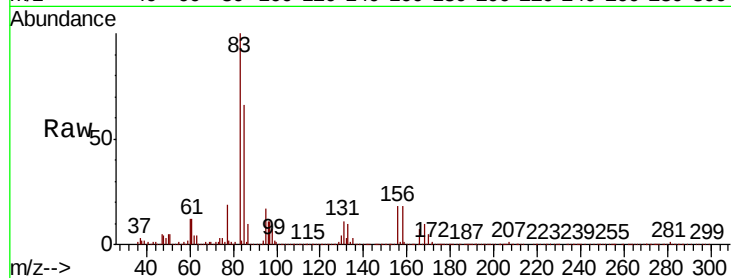
Tot Ion: 83 Resp: 553620

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

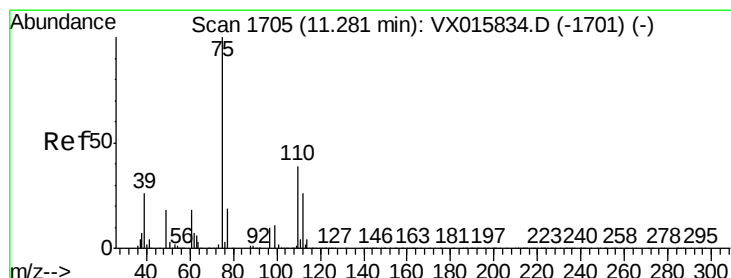
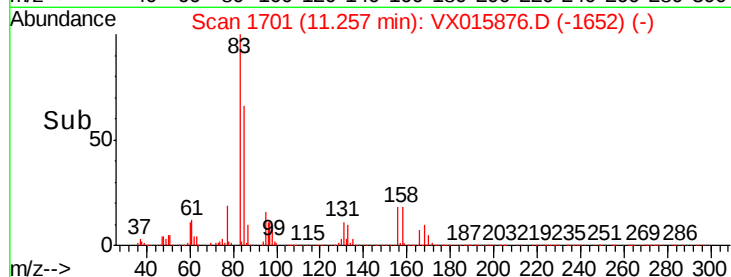
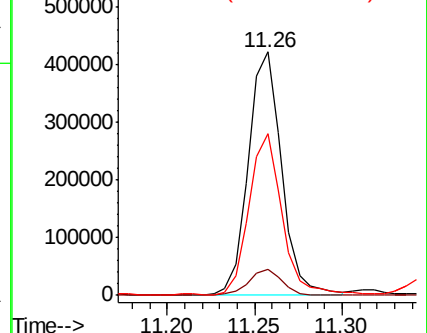
85 66.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.083 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015876.D

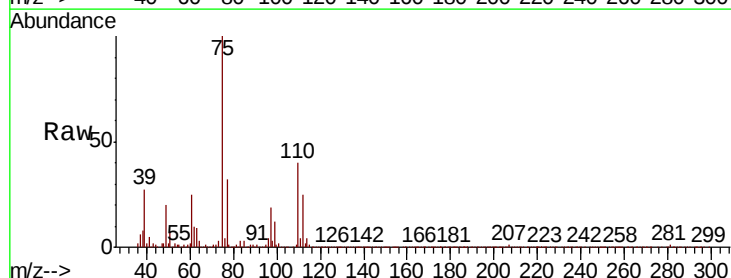
Acq: 23 Apr 2020 05:51

Tgt Ion: 75 Resp: 859954

Ion Ratio Lower Upper

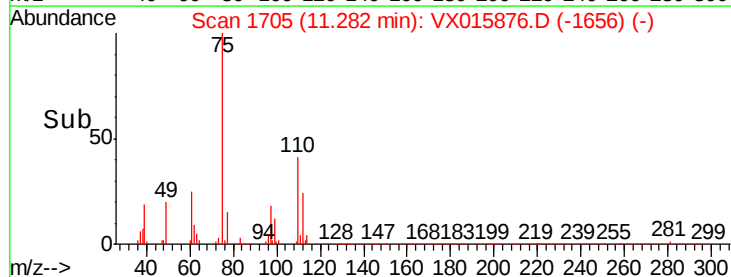
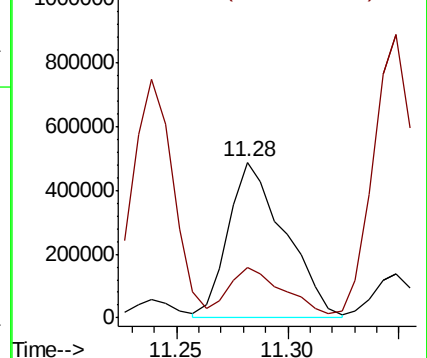
75 100

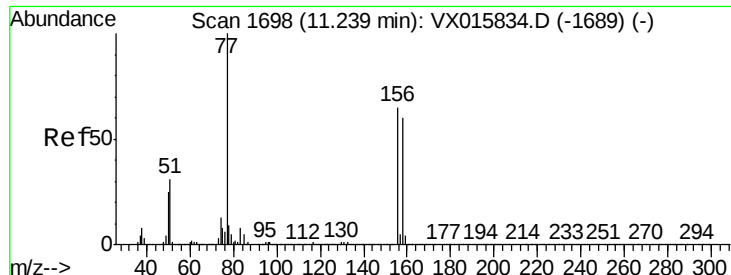
77 31.5 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

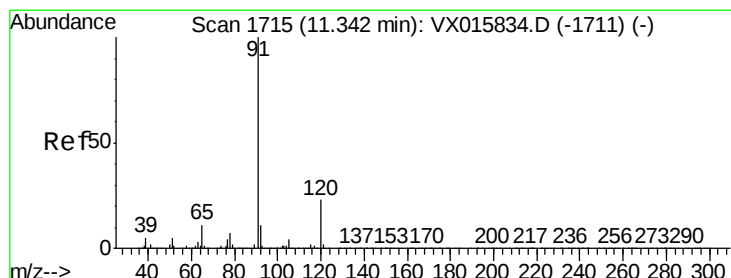
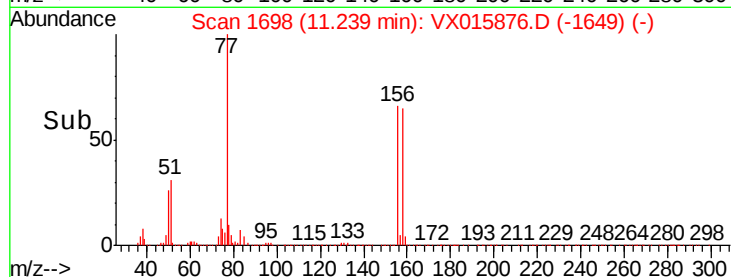
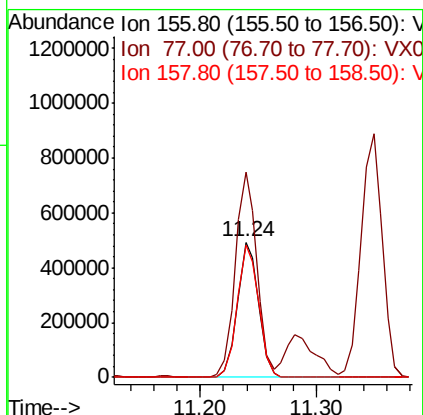
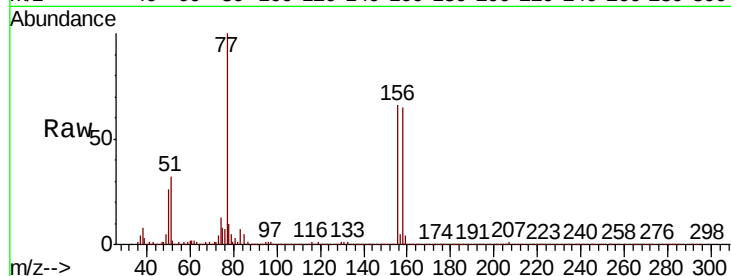




#77
Bromobenzene
Concen: 49.953 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

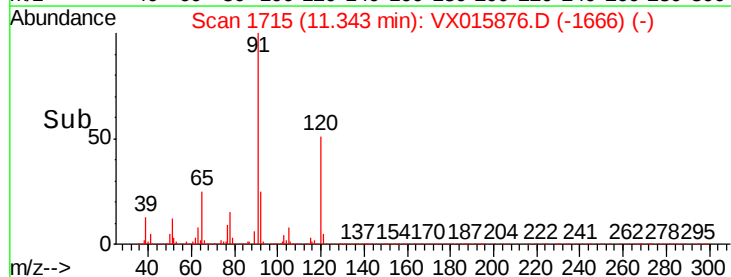
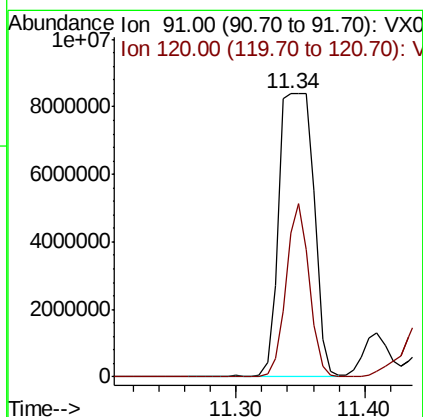
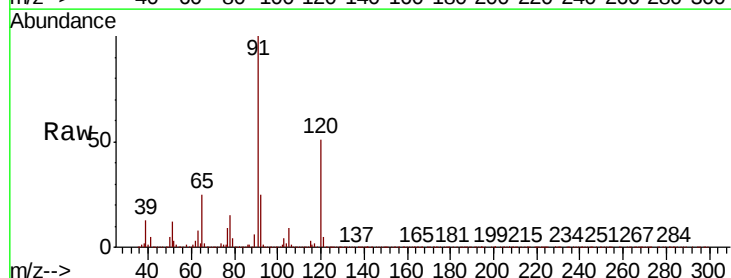
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

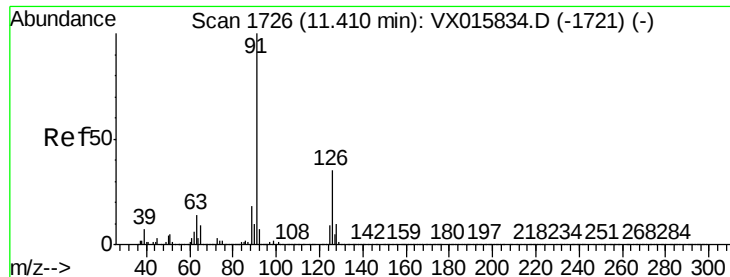
Tot Ion:156 Resp: 621424
Ion Ratio Lower Upper
156 100
77 154.6 75.2 225.6
158 99.4 47.9 143.6



#78
n-propylbenzene
Concen: 305.499 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 91 Resp:15933705
Ion Ratio Lower Upper
91 100
120 40.6 11.7 35.1#





#79

2-Chlorotoluene

Concen: 58.321 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

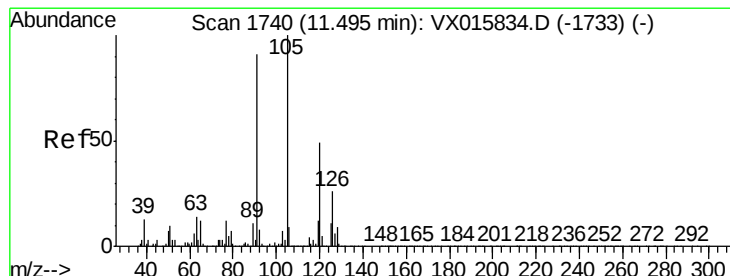
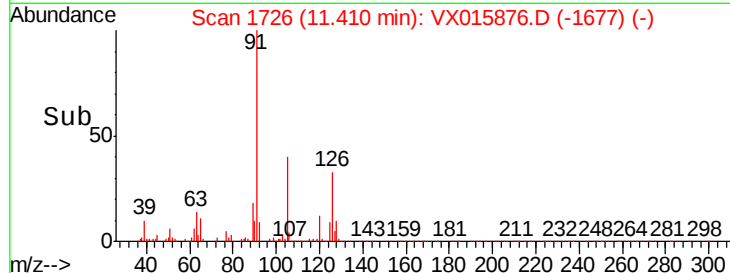
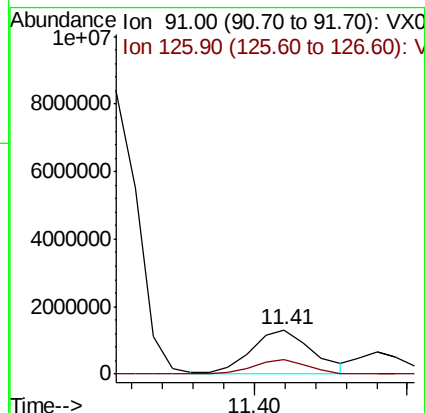
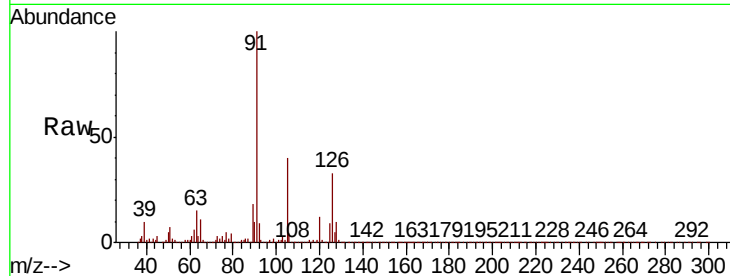
KY001MW079-200421MSD

Tot Ion: 91 Resp: 1827173

Ion Ratio Lower Upper

91 100

126 30.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 270.423 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015876.D

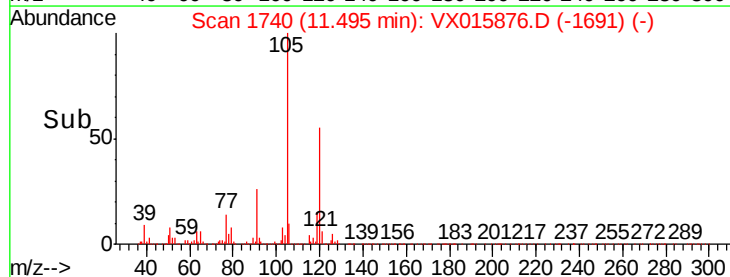
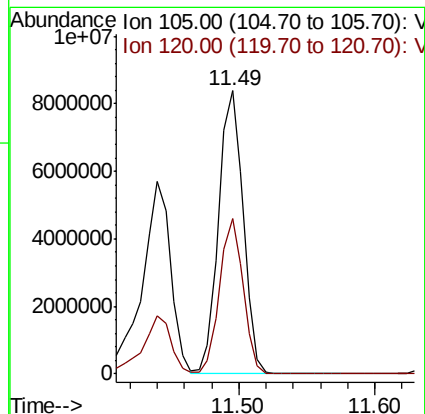
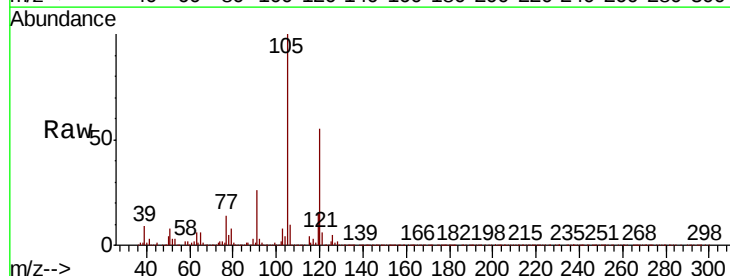
Acq: 23 Apr 2020 05:51

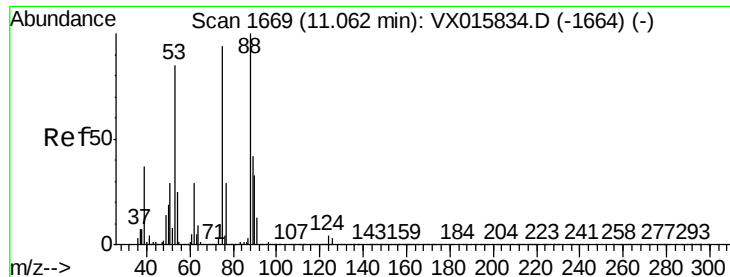
Tgt Ion: 105 Resp: 10498451

Ion Ratio Lower Upper

105 100

120 52.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 39.502 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

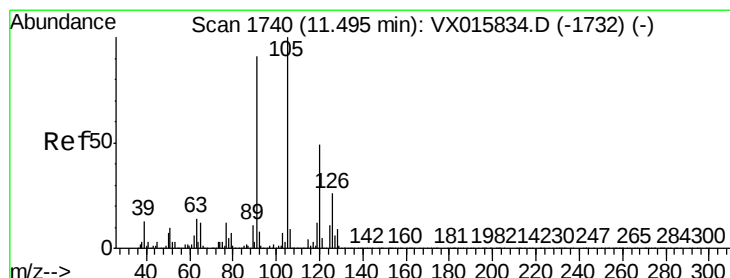
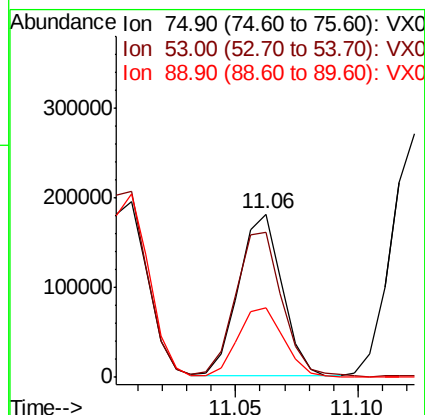
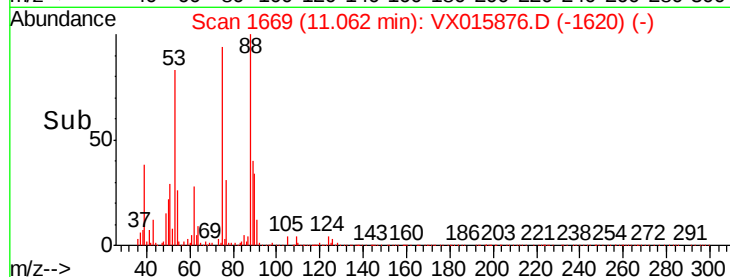
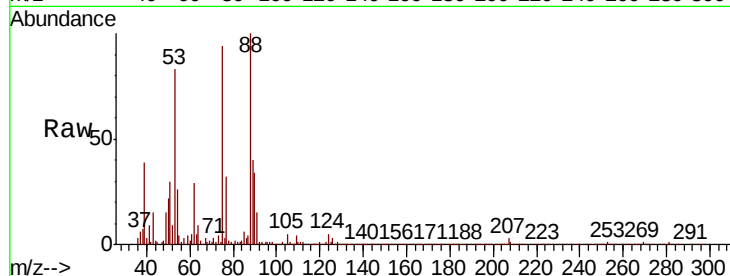
Tot Ion: 75 Resp: 223859

Ion Ratio Lower Upper

75 100

53 94.7 74.2 111.2

89 45.9 38.0 57.0



#82

4-Chlorotoluene

Concen: 74.405 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015876.D

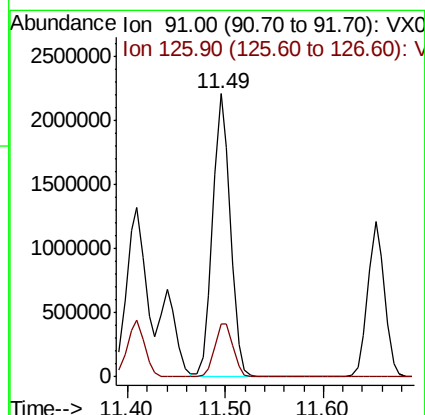
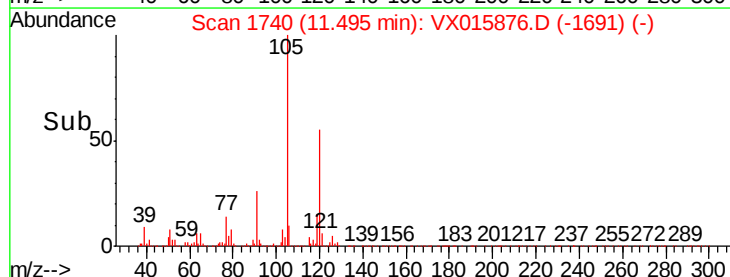
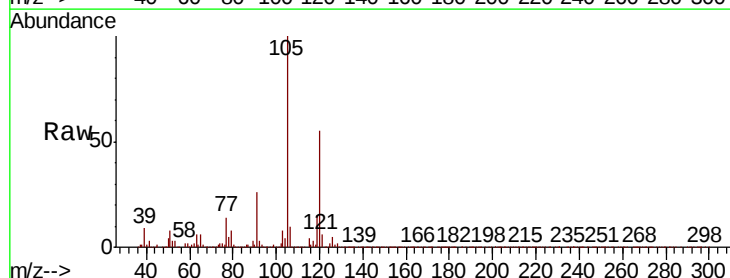
Acq: 23 Apr 2020 05:51

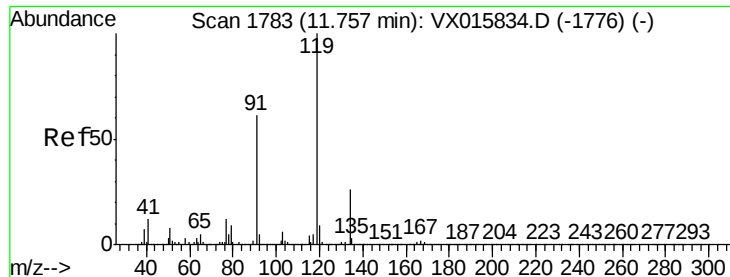
Tgt Ion: 91 Resp: 2770023

Ion Ratio Lower Upper

91 100

126 19.5 15.0 45.0

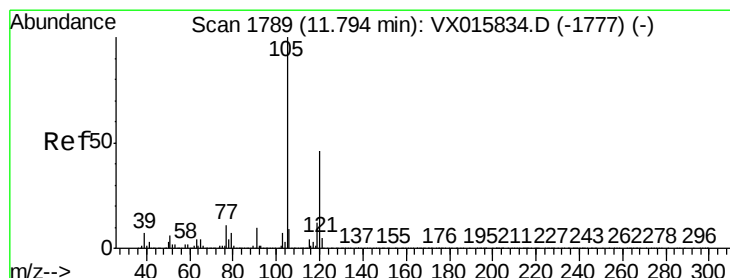
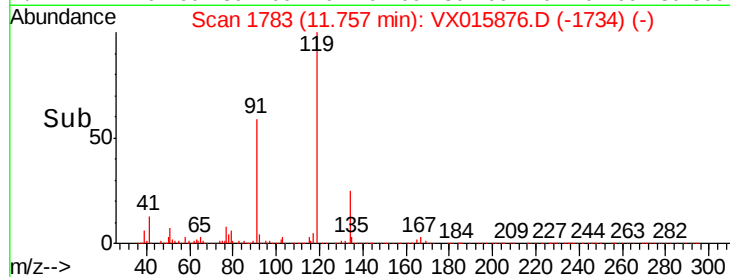
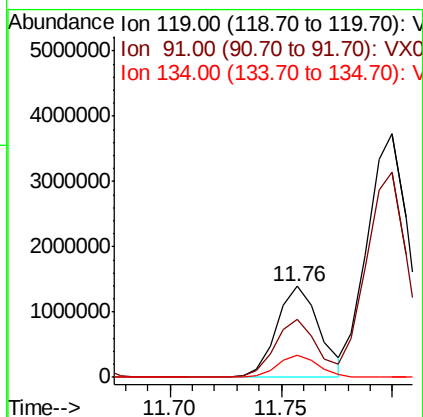
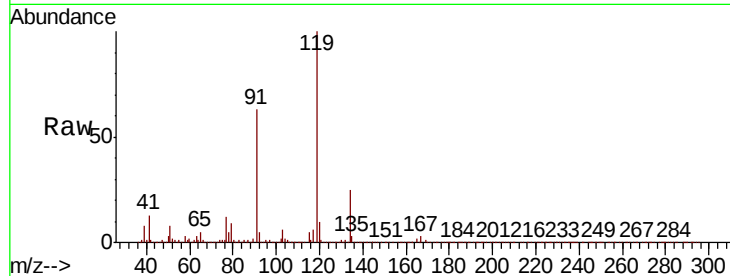




#83
tert-Butylbenzene
Concen: 53.559 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

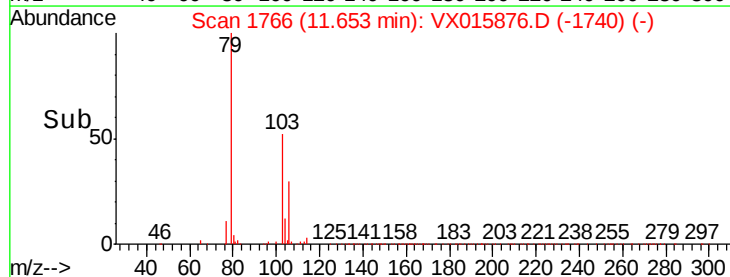
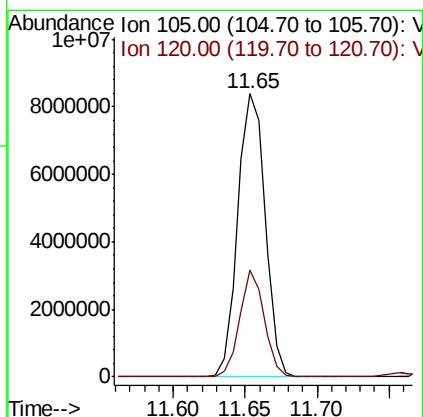
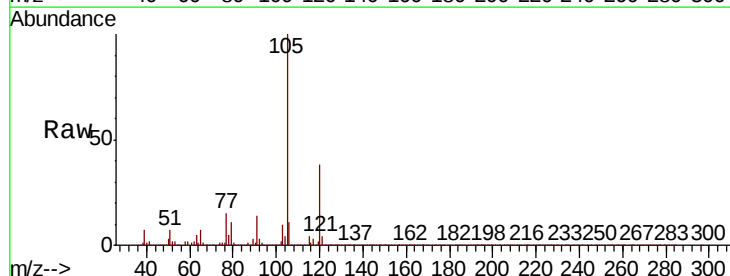
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

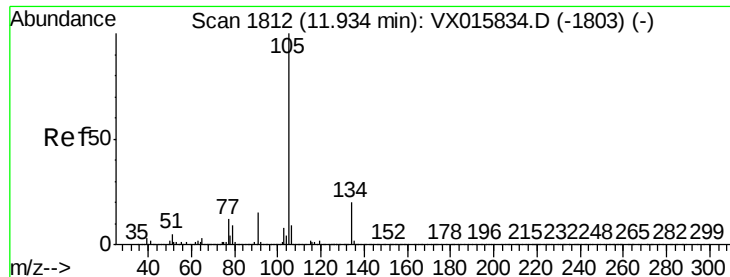
Tot Ion:119 Resp: 1844398
Ion Ratio Lower Upper
119 100
91 63.3 30.9 92.7
134 23.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 276.046 ug/l
RT: 11.65 min Scan# 1766
Delta R.T. -0.14 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:105 Resp:11125993
Ion Ratio Lower Upper
105 100
120 33.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 73.348 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

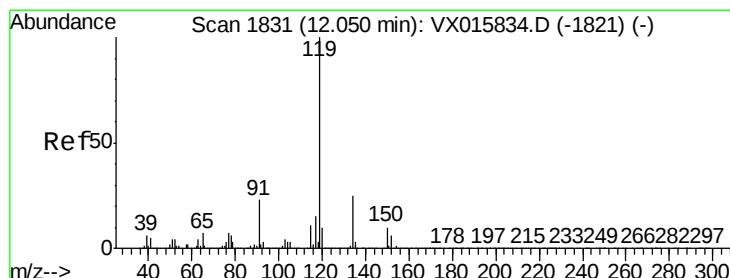
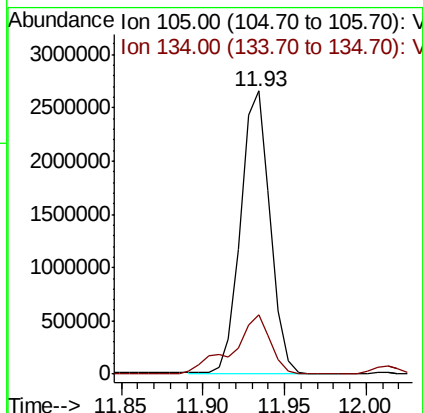
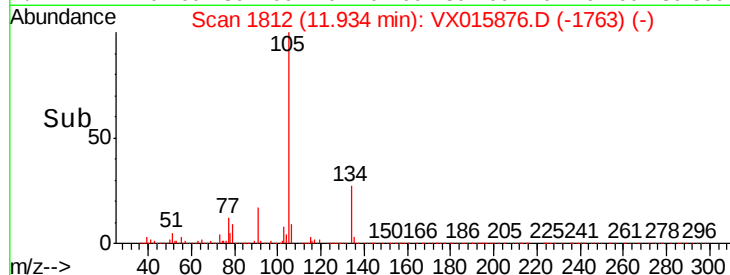
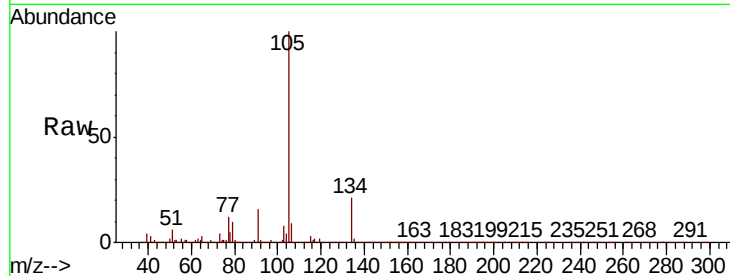
KY001MW079-200421MSD

Tot Ion:105 Resp: 3329677

Ion Ratio Lower Upper

105 100

134 27.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 58.203 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

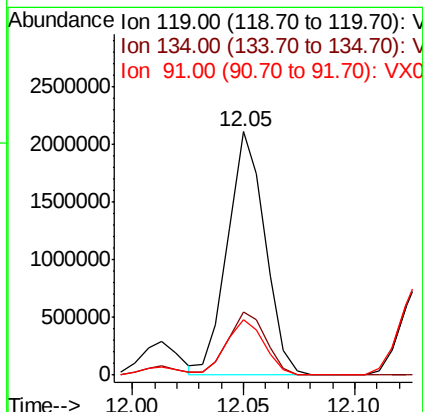
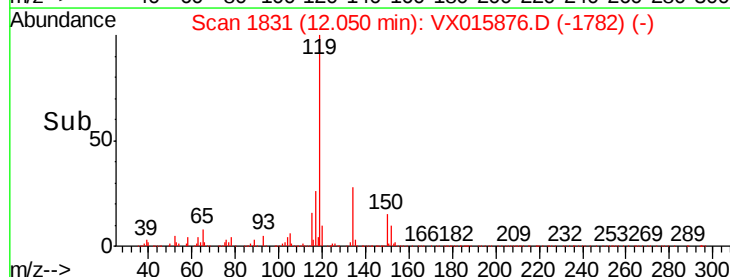
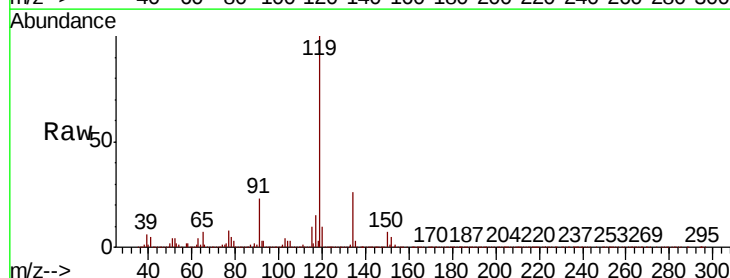
Tgt Ion:119 Resp: 2470621

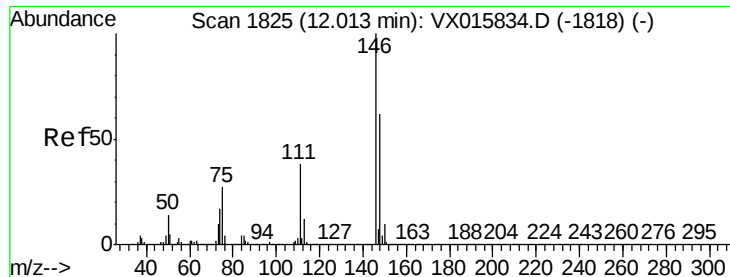
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.3 11.5 34.5

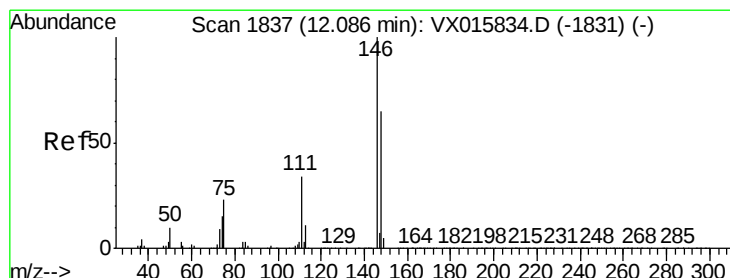
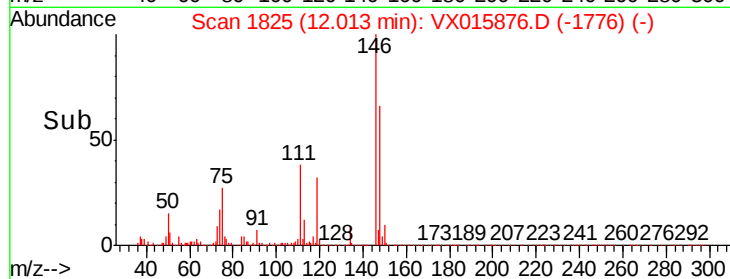
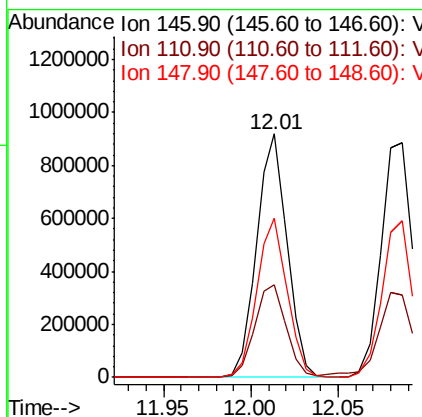
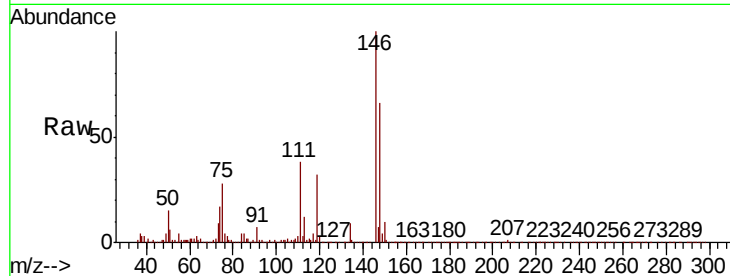




#87
 1,3-Dichlorobenzene
 Concen: 48.443 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

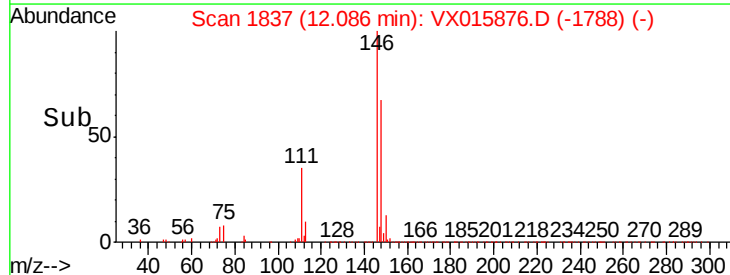
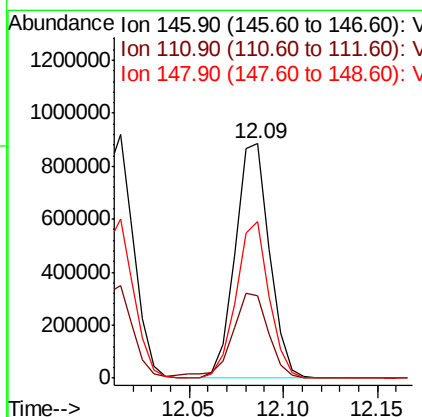
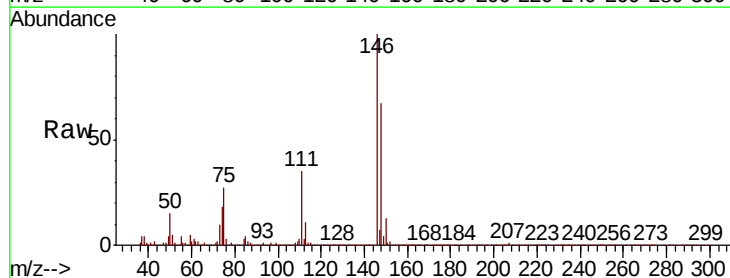
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

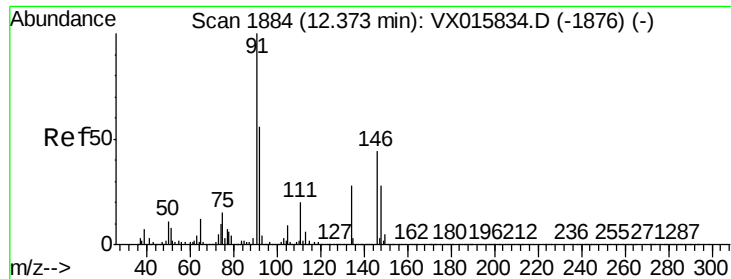
Tot Ion:146 Resp: 1106238
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 65.0 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 48.791 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion:146 Resp: 1115318
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 64.0 33.8 101.4

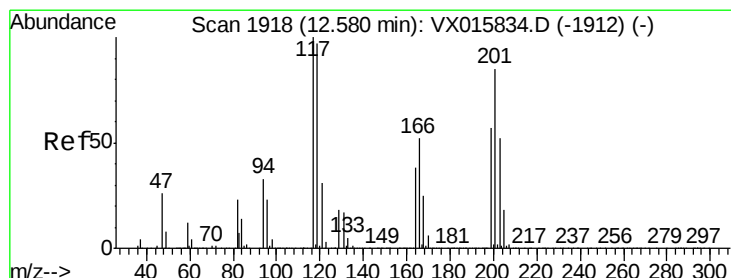
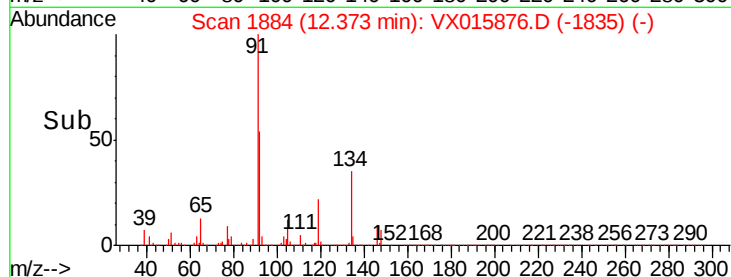
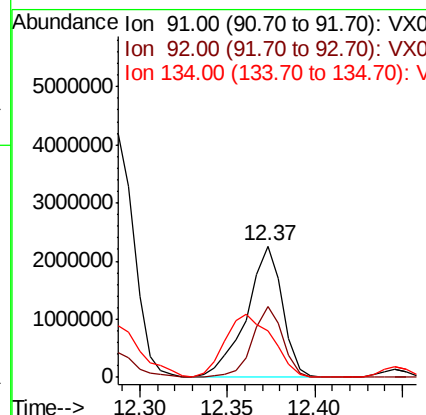
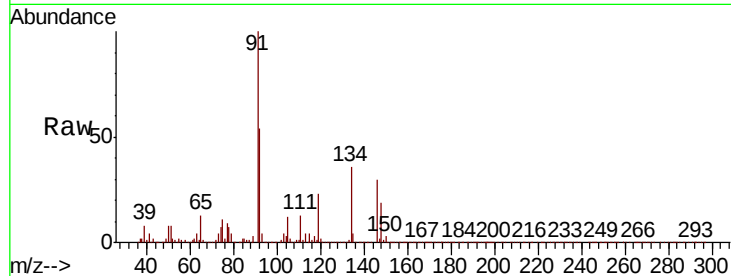




#89
n-Butylbenzene
Concen: 84.206 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

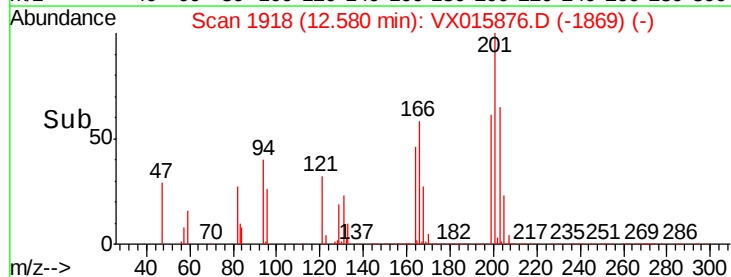
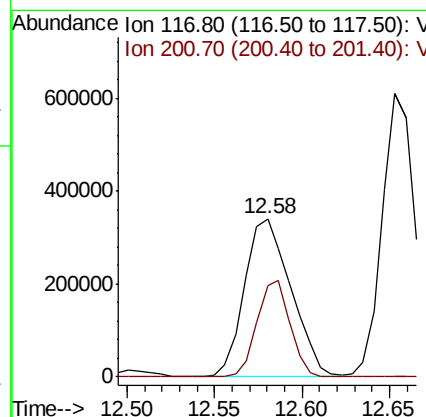
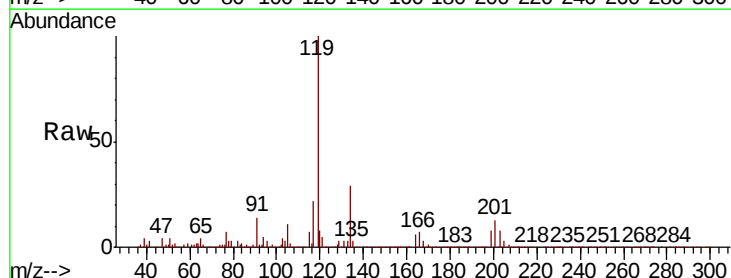
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

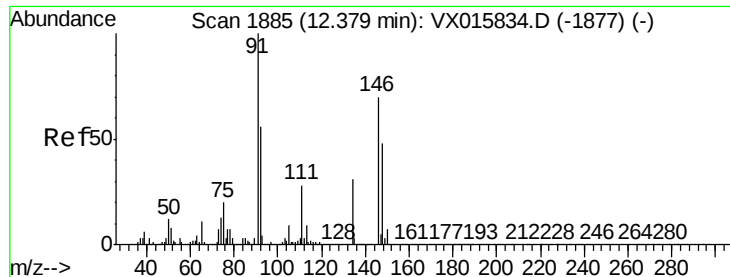
Tot Ion: 91 Resp: 3195768
Ion Ratio Lower Upper
91 100
92 45.8 27.7 83.1
134 63.6 14.1 42.4#



#90
Hexachloroethane
Concen: 138.987 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion: 117 Resp: 623251
Ion Ratio Lower Upper
117 100
201 44.1 45.6 136.9#





#91

1,2-Dichlorobenzene

Concen: 48.222 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MSD

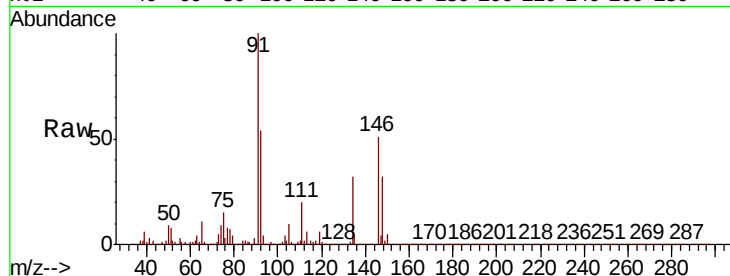
Tot Ion:146 Resp: 1044432

Ion Ratio Lower Upper

146 100

111 40.0 20.3 61.0

148 64.0 32.1 96.3

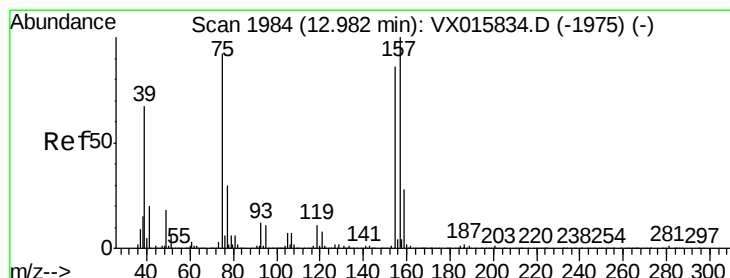
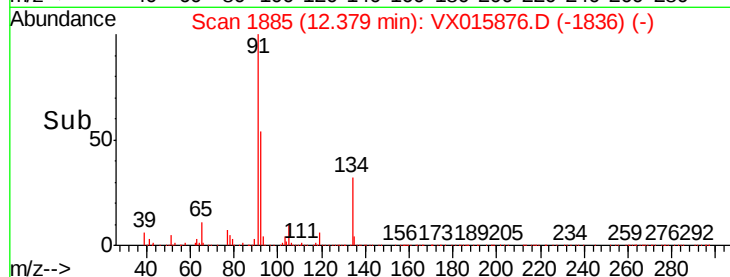
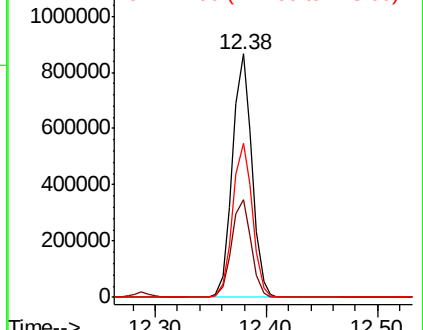


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 79.728 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VX015876.D

Acq: 23 Apr 2020 05:51

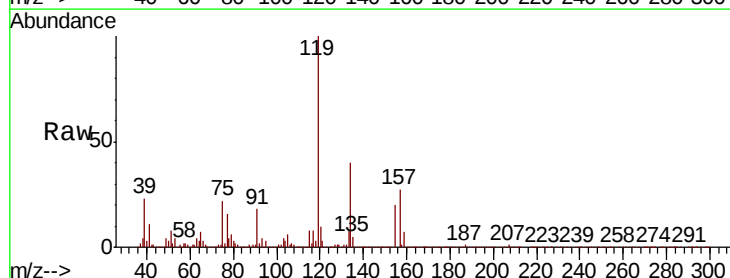
Tgt Ion: 75 Resp: 227820

Ion Ratio Lower Upper

75 100

155 61.8 48.1 144.4

157 82.2 58.9 176.7

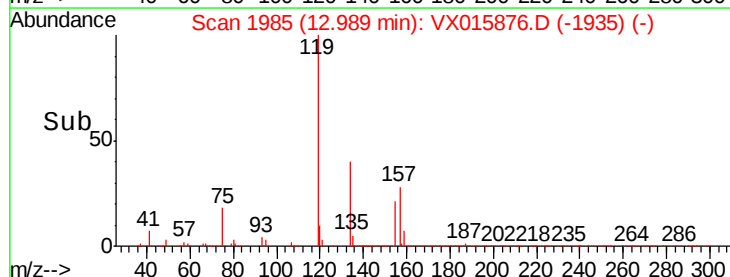
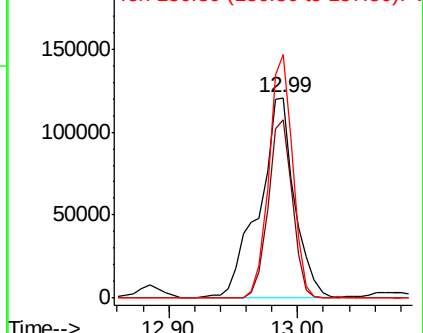


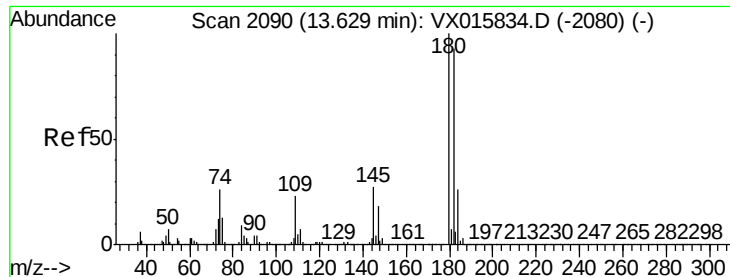
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

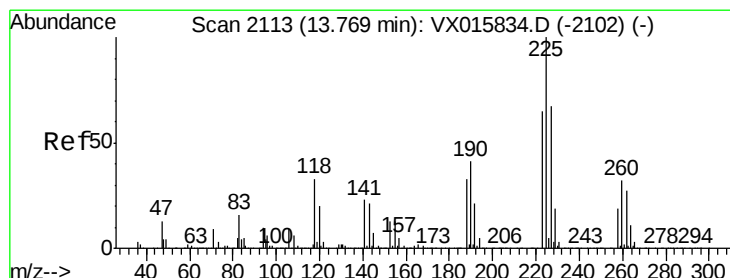
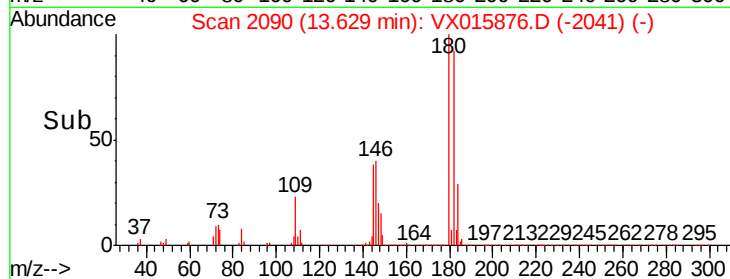
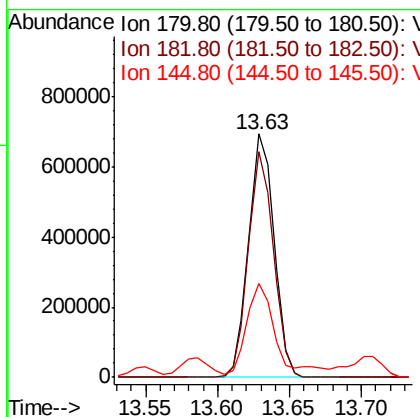
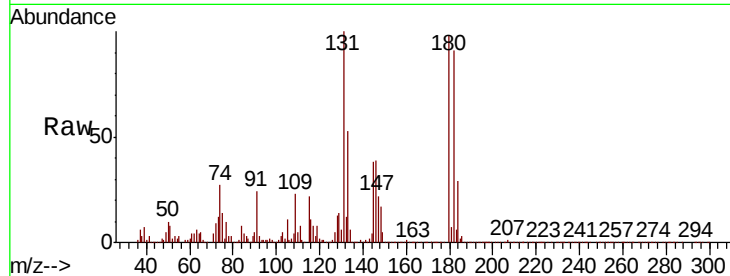




#93
 1,2,4-Trichlorobenzene
 Concen: 49.752 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

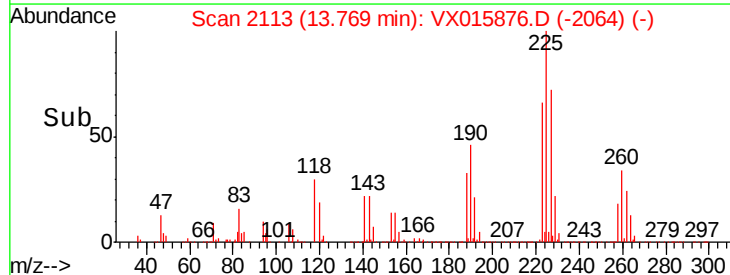
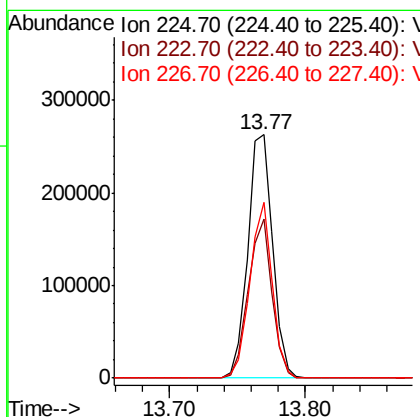
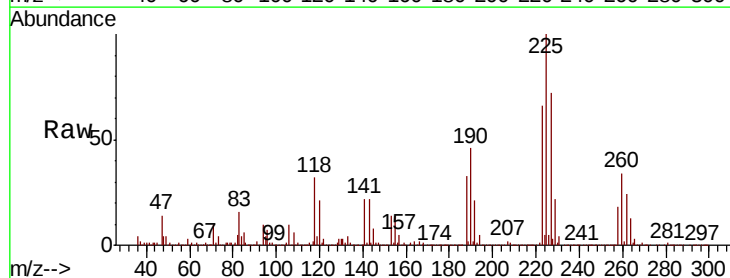
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MSD

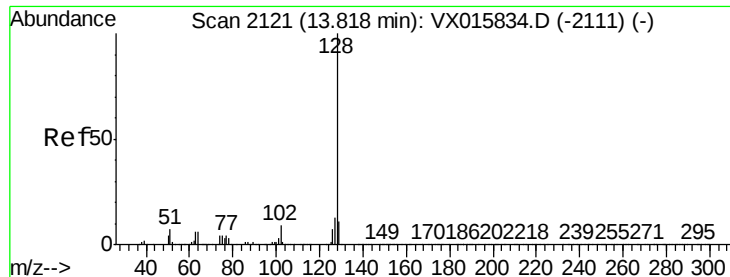
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.7	143.1
145	44.8	14.5	43.5#



#94
 Hexachlorobutadiene
 Concen: 43.832 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015876.D
 Acq: 23 Apr 2020 05:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	65.5	32.6	97.8

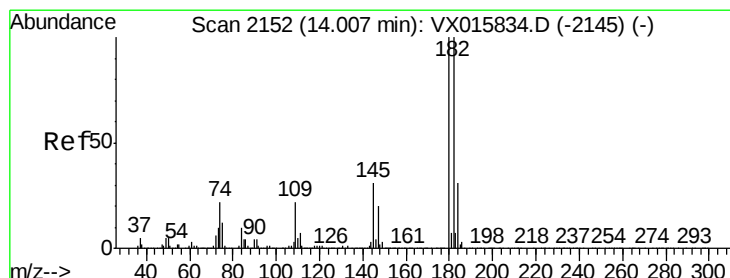
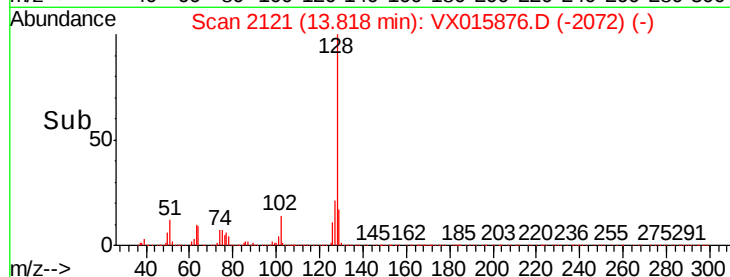
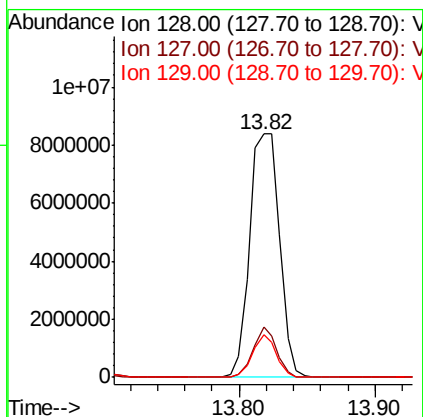
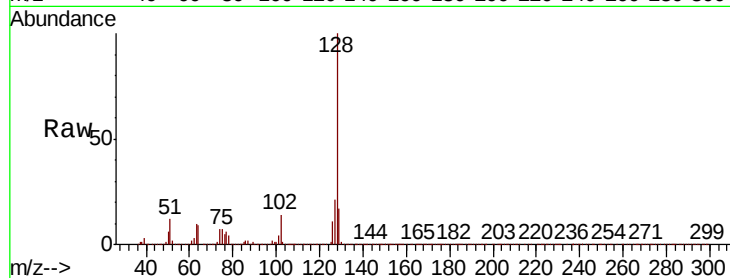




#95
Naphthalene
Concen: 264.140 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MSD

Tot Ion:128 Resp:12968530
Ion Ratio Lower Upper
128 100
127 16.3 10.5 15.7#
129 14.1 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 48.712 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015876.D
Acq: 23 Apr 2020 05:51

Tgt Ion:180 Resp: 811015
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 33.6 15.2 45.5

