

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015105.D
 Acq On : 05 Mar 2020 12:41
 Operator : JC/SP
 Sample : L1161-08 1PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Manual Integrations
 APPROVED

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 3/12/2020 2:47:25 PM

Quant Time: Mar 06 04:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	338857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	535385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	489993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	212693	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	5.49	113	166990	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	633962	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.14	95	215491	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	3169	1.068	ug/l	97
3) Chloromethane	1.32	50	5361	1.275	ug/l	90
4) Vinyl Chloride	1.40	62	4757	1.116	ug/l	99
5) Bromomethane	1.65	94	3543	1.352	ug/l #	80
6) Chloroethane	1.72	64	3135	1.226	ug/l #	85
7) Trichlorofluoromethane	1.93	101	5093	1.004	ug/l	92
8) Diethyl Ether	2.18	74	3127	1.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3798	1.190	ug/l	94
10) Methyl Iodide	2.50	142	3578	0.993	ug/l #	76
11) Tert butyl alcohol	3.02	59	7835	11.233	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	4177	1.268	ug/l	89
13) Acrolein	2.29	56	4374	6.673	ug/l	95
14) Allyl chloride	2.72	41	6300	1.097	ug/l	94
15) Acrylonitrile	3.14	53	8857	5.099	ug/l	93
16) Acetone	2.44	43	10783	6.623	ug/l	100
17) Carbon Disulfide	2.56	76	9710	1.062	ug/l #	94
18) Methyl Acetate	2.76	43	5187	1.303	ug/l	91
19) Methyl tert-butyl Ether	3.19	73	11124	1.081	ug/l	100
20) Methylene Chloride	2.85	84	5359	1.407	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	4134	1.176	ug/l #	79
22) Diisopropyl ether	3.84	45	10286	0.899	ug/l #	67
23) Vinyl Acetate	3.81	43	45990	4.891	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	6383	1.005	ug/l #	79
25) 2-Butanone	4.67	43	13734	5.762	ug/l #	87
26) 2,2-Dichloropropane	4.57	77	4980m	0.988	ug/l	
27) cis-1,2-Dichloroethene	4.59	96	4110	1.042	ug/l	90
28) Bromochloromethane	5.01	49	3730	1.290	ug/l #	98
29) Tetrahydrofuran	5.14	42	8832	5.748	ug/l #	86
30) Chloroform	5.20	83	6900	1.115	ug/l #	83
31) Cyclohexane	5.57	56	5280	0.932	ug/l #	85
32) 1,1,1-Trichloroethane	5.50	97	5962	1.162	ug/l #	51
36) 1,1-Dichloropropene	5.79	75	5009	1.012	ug/l	90
37) Ethyl Acetate	4.83	43	6249	1.361	ug/l #	73
38) Carbon Tetrachloride	5.79	117	4749	1.017	ug/l #	90

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	5905	1.022	ug/l	95
40) Benzene	6.14	78	13263	0.903	ug/l	98
41) Methacrylonitrile	5.04	41	3282m	1.190	ug/l	
42) 1,2-Dichloroethane	6.18	62	5252	1.041	ug/l	76
43) Isopropyl Acetate	6.43	43	8930	1.106	ug/l #	84
44) Trichloroethene	7.21	130	4389	1.073	ug/l	93
45) 1,2-Dichloropropane	7.51	63	4539	1.194	ug/l #	77
46) Dibromomethane	7.66	93	2942	1.188	ug/l	90
47) Bromodichloromethane	7.89	83	5517	1.126	ug/l #	85
48) Methyl methacrylate	7.77	41	3385	0.823	ug/l #	70
49) 1,4-Dioxane	7.76	88	2266	25.496	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	20400	4.272	ug/l	96
52) Toluene	8.78	92	9065	1.010	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	4871	0.934	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	6258	1.062	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	3362	0.910	ug/l	98
56) Ethyl methacrylate	9.17	69	3800	0.721	ug/l	93
57) 1,3-Dichloropropane	9.37	76	5837	0.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	12717	4.429	ug/l	97
59) 2-Hexanone	9.49	43	16435	4.643	ug/l	93
60) Dibromochloromethane	9.58	129	3524	0.908	ug/l	88
61) 1,2-Dibromoethane	9.67	107	4293	1.106	ug/l	97
64) Tetrachloroethene	9.33	164	4279	1.056	ug/l	94
65) Chlorobenzene	10.13	112	10259	1.043	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	3369	0.908	ug/l #	59
67) Ethyl Benzene	10.25	91	16447	0.985	ug/l	95
68) m/p-Xylenes	10.35	106	11103	1.747	ug/l	96
69) o-Xylene	10.69	106	6563	1.079	ug/l	72
70) Styrene	10.71	104	7996	0.766	ug/l	90
71) Bromoform	10.85	173	2467	0.858	ug/l #	82
73) Isopropylbenzene	11.01	105	14078	0.910	ug/l	99
74) N-amyl acetate	10.90	43	6427	0.985	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.26	83	5347m	1.037	ug/l	
76) 1,2,3-Trichloropropane	11.29	75	4709m	0.974	ug/l	
77) Bromobenzene	11.25	156	4630	1.073	ug/l	91
78) n-propylbenzene	11.35	91	17261	0.976	ug/l	100
79) 2-Chlorotoluene	11.42	91	11244	1.065	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	11708	0.909	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1579m	0.927	ug/l	
82) 4-Chlorotoluene	11.51	91	12479	1.000	ug/l	97
83) tert-Butylbenzene	11.77	119	10746	0.863	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	11465	0.886	ug/l	97
85) sec-Butylbenzene	11.94	105	12371	0.823	ug/l	97
86) p-Isopropyltoluene	12.06	119	11467	0.828	ug/l	85
87) 1,3-Dichlorobenzene	12.02	146	8076	1.065	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	8527m	1.089	ug/l	
89) n-Butylbenzene	12.39	91	11149	0.905	ug/l	100
90) Hexachloroethane	12.59	117	2303	0.879	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	7419	0.984	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1046	1.013	ug/l	92

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

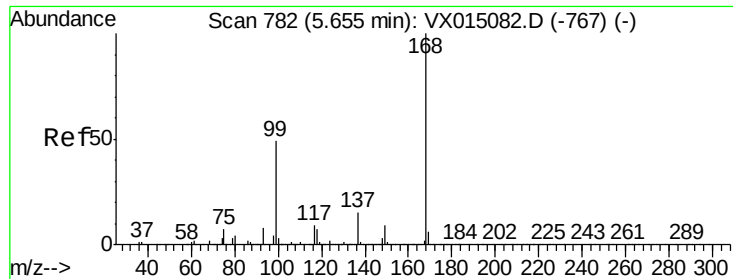
Manual Integrations
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Quant Time: Mar 06 04:26:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	5409	1.034	ug/l	98
94) Hexachlorobutadiene	13.78	225	2983	1.111	ug/l	98
95) Naphthalene	13.83	128	11151	0.780	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	5179	0.992	ug/l	92

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



#1

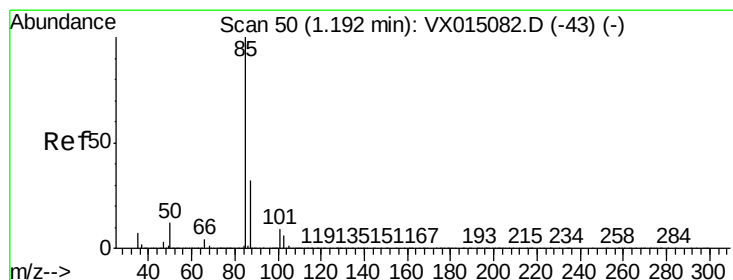
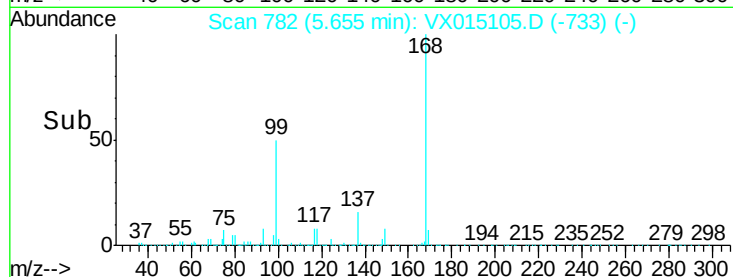
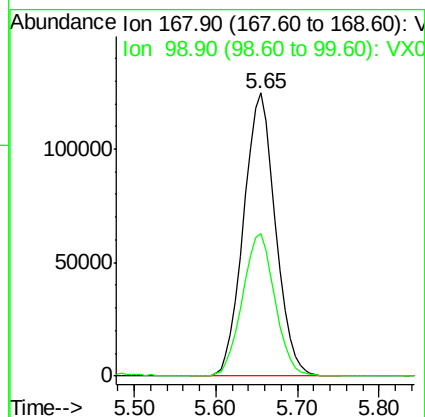
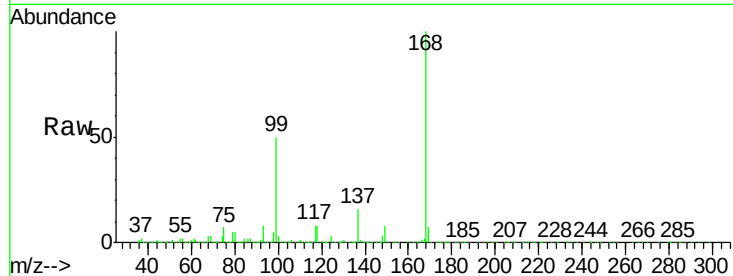
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100	338857		
99	50.1		39.4	59.2

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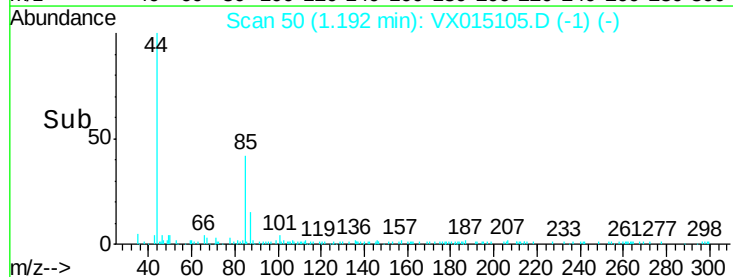
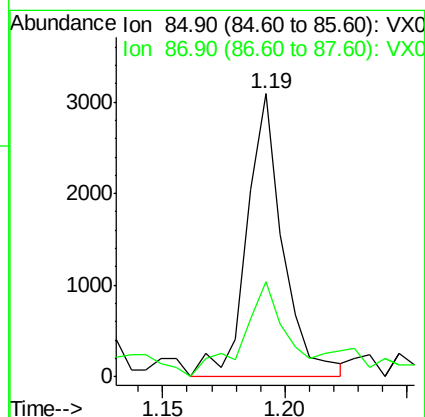
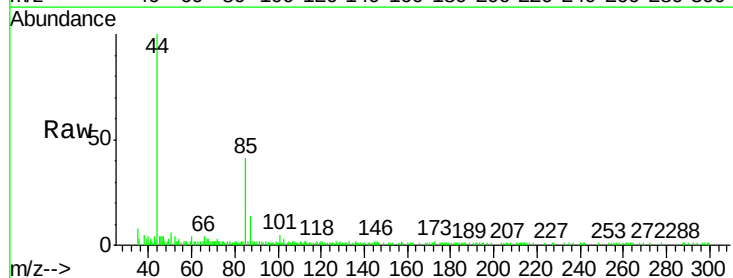
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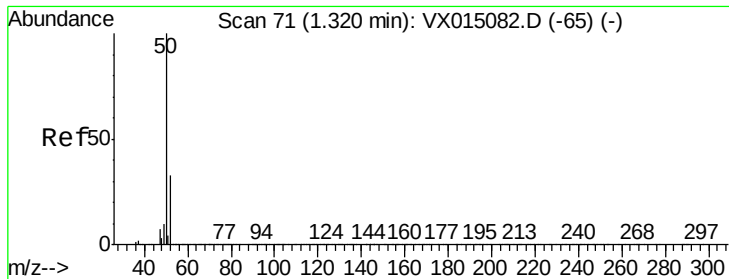


#2

Dichlorodifluoromethane
Concen: 1.068 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	3169		
87	33.7		16.2	48.5





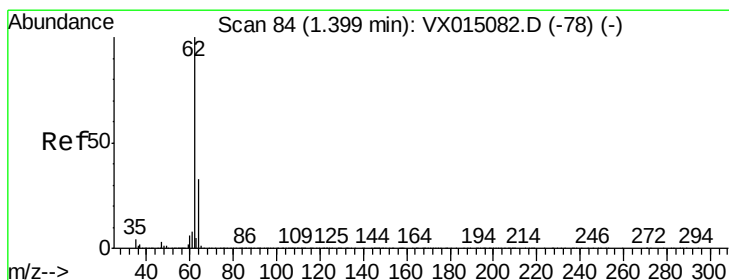
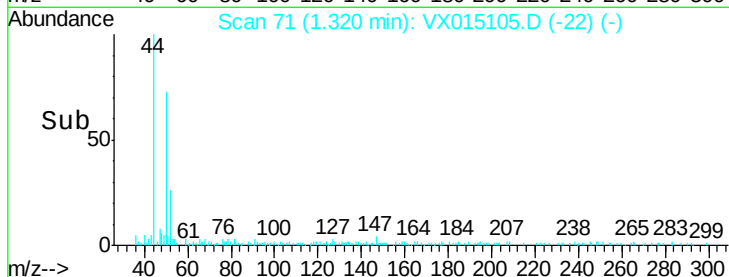
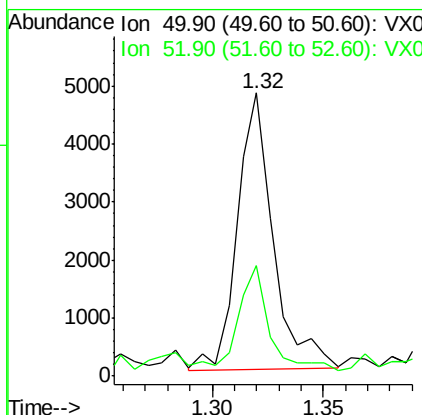
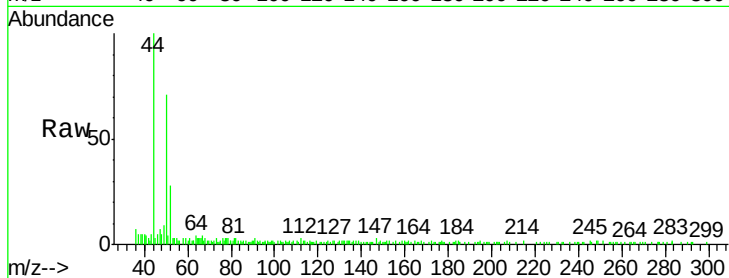
#3
Chloromethane
Concen: 1.275 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
50	100		
52	38.2	26.2	39.2

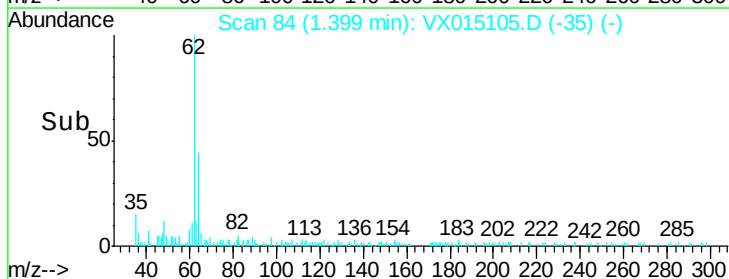
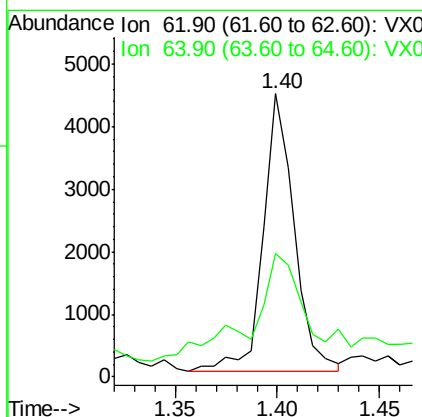
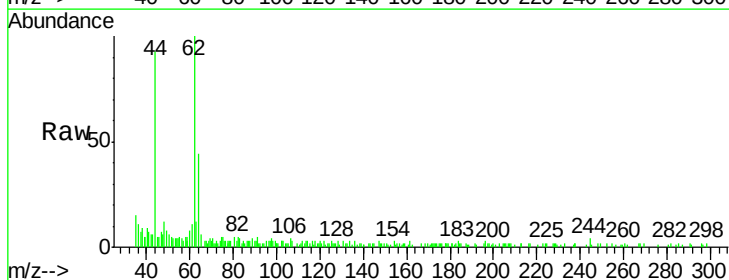
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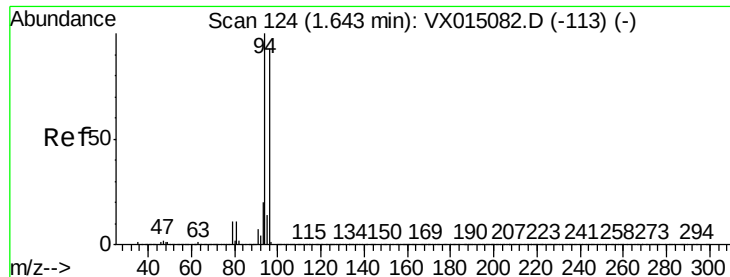
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#4
Vinyl Chloride
Concen: 1.116 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	26.1	39.1





#5

Bromomethane

Concen: 1.352 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 94 Resp: 3543

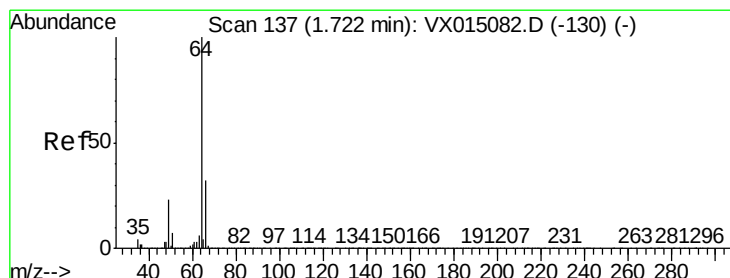
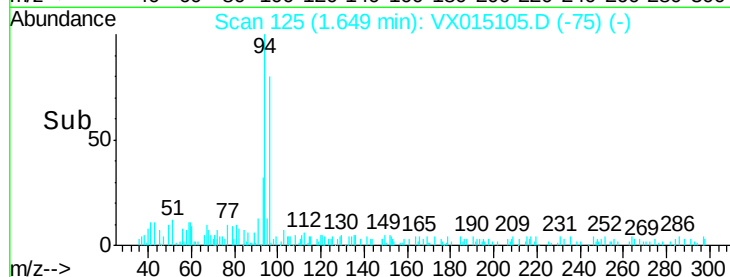
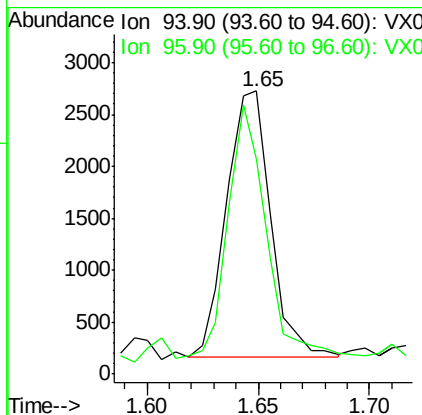
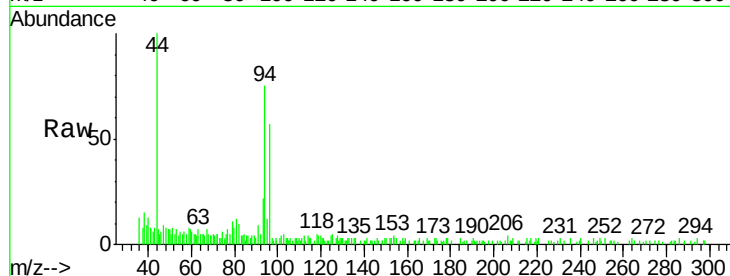
Ion Ratio Lower Upper

94 100

96 73.9 74.6 111.8#

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#6

Chloroethane

Concen: 1.226 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015105.D

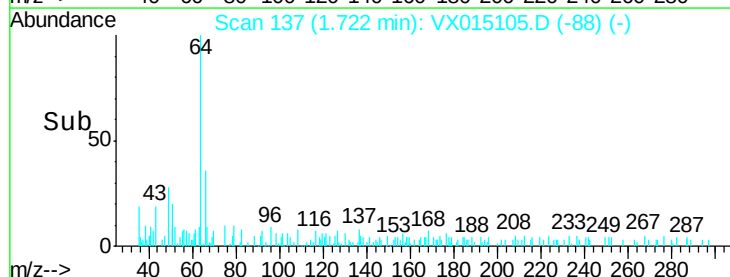
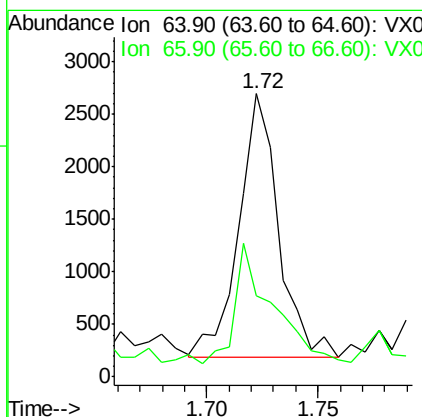
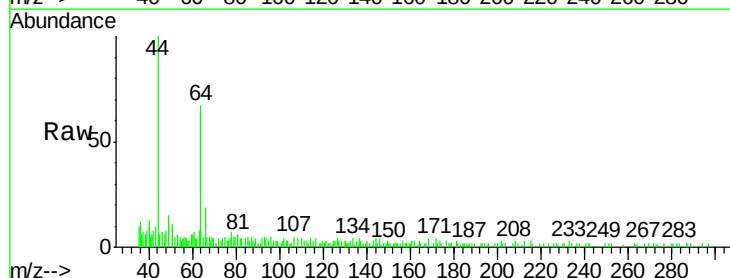
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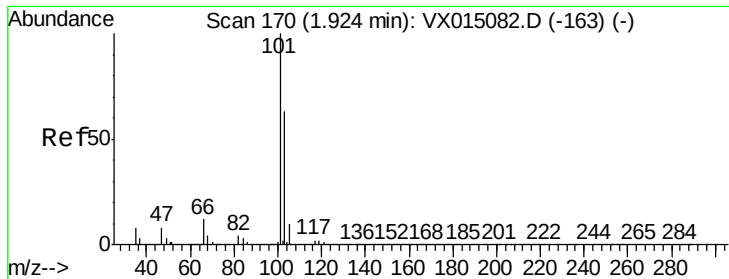
Tgt Ion: 64 Resp: 3135

Ion Ratio Lower Upper

64 100

66 24.0 25.8 38.8#





#7

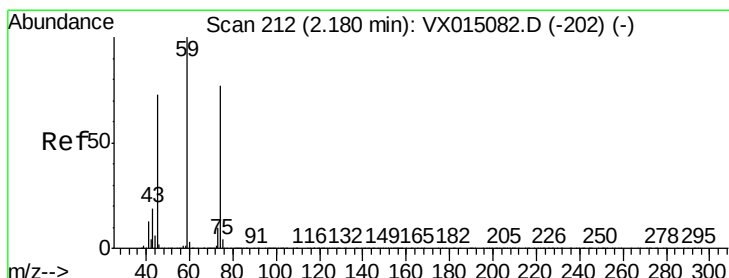
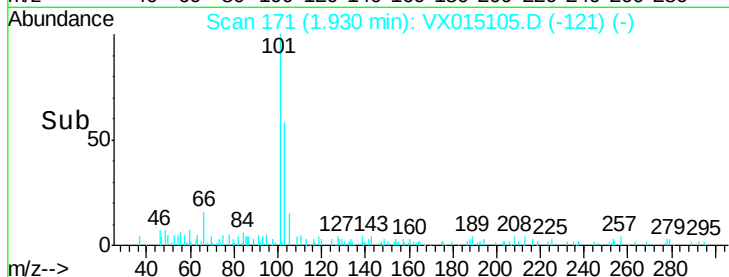
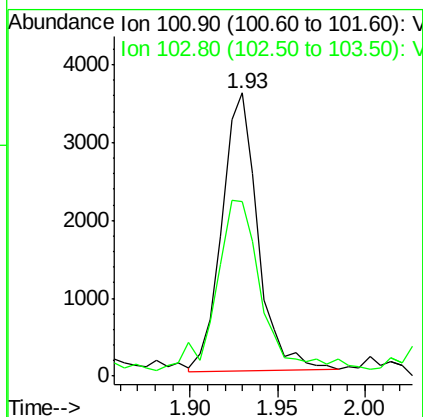
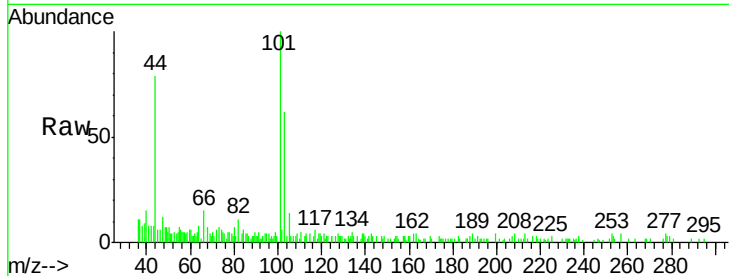
Trichlorofluoromethane
Concen: 1.004 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.9	50.4	75.6

Manual Integrations
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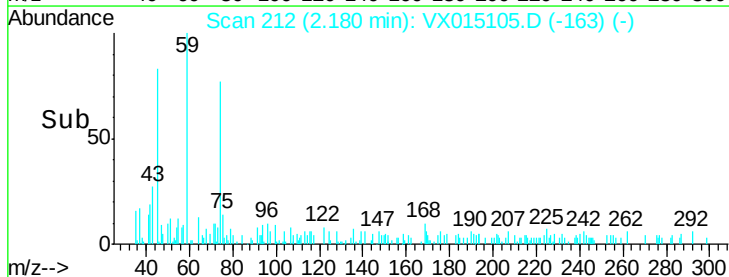
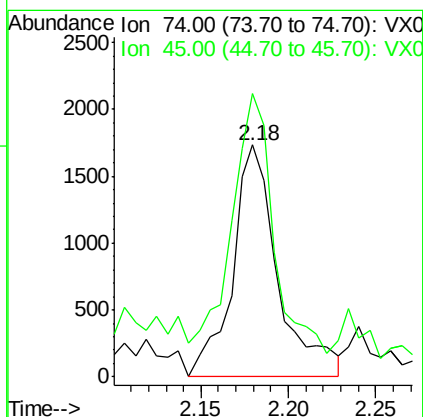
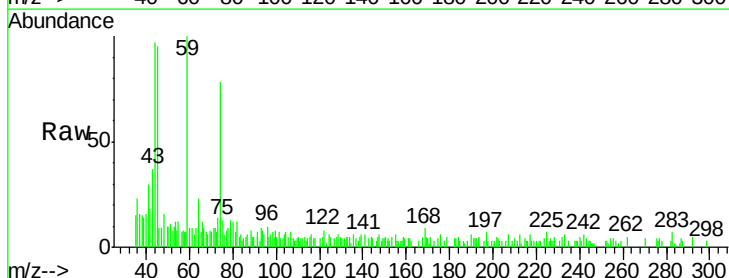
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3/12/2020 2:47:25 PM

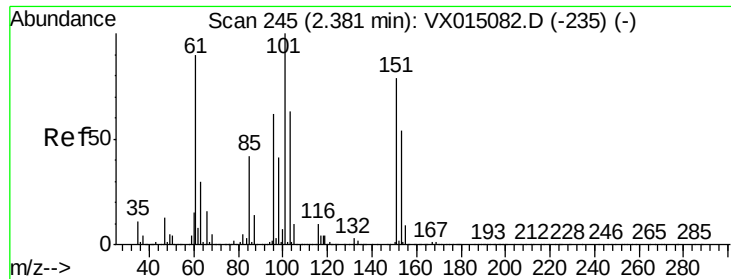


#8

Diethyl Ether
Concen: 1.361 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.190 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

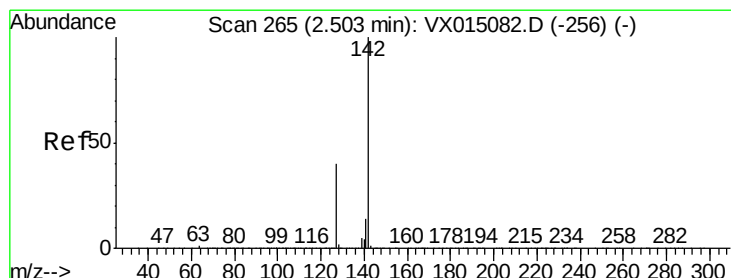
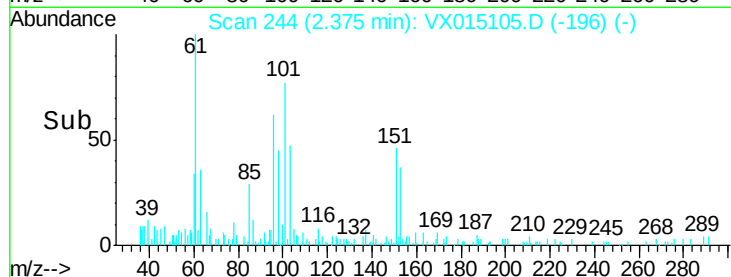
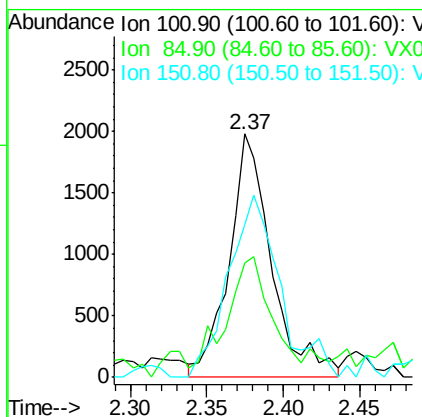
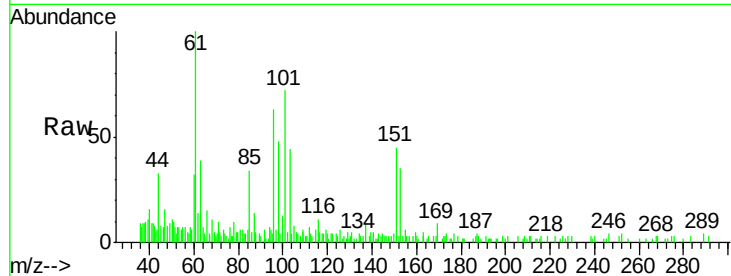
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	101	Resp:	3798
Ion Ratio	Lower	Upper	
101	100		
85	46.9	33.7	50.5
151	84.4	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 0.993 ug/l

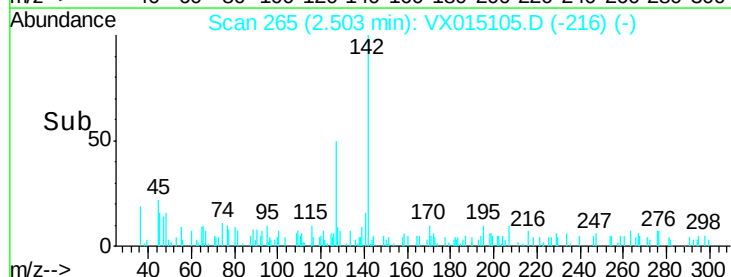
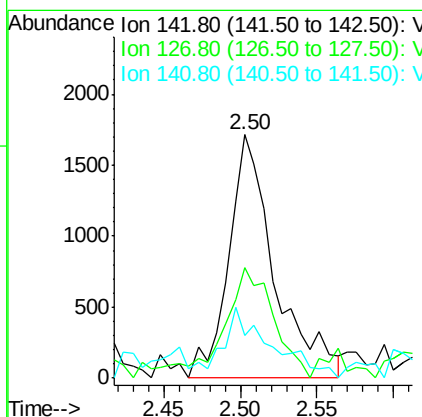
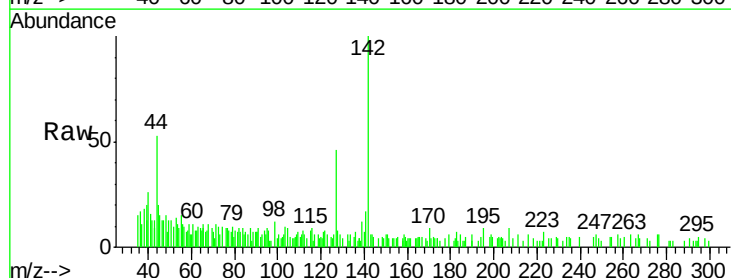
RT: 2.50 min Scan# 265

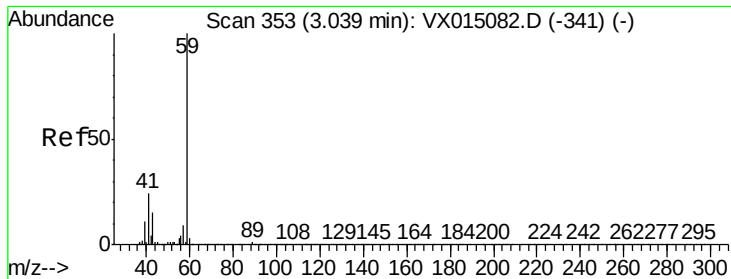
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	142	Resp:	3578
Ion Ratio	Lower	Upper	
142	100		
127	51.9	31.7	47.5#
141	28.7	11.3	16.9#





#11

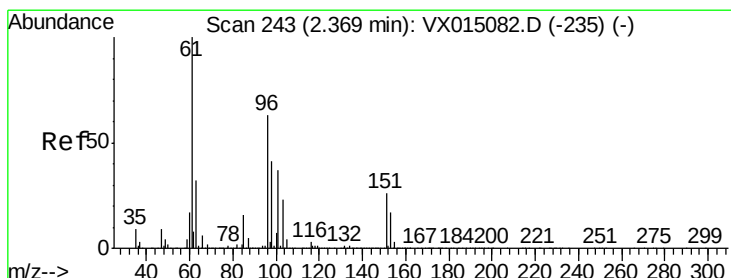
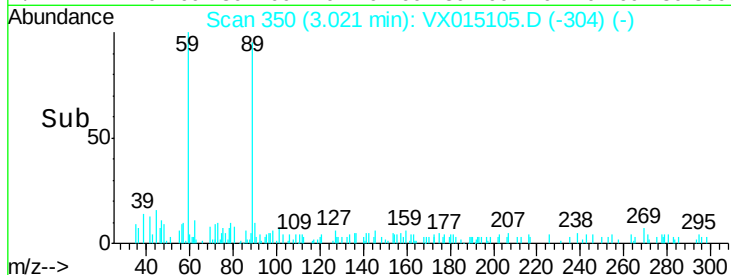
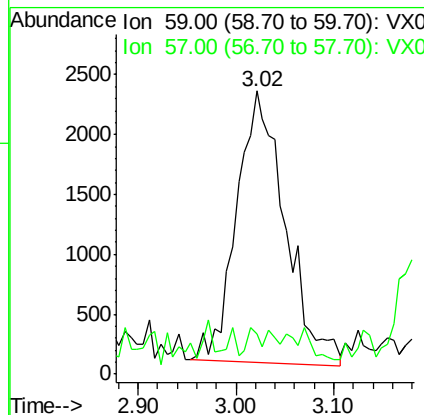
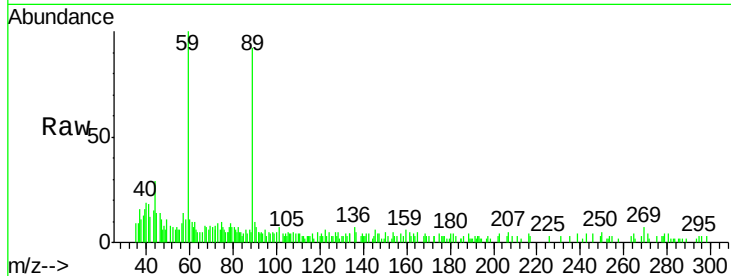
Tert butyl alcohol
Concen: 11.233 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.2	12.4#

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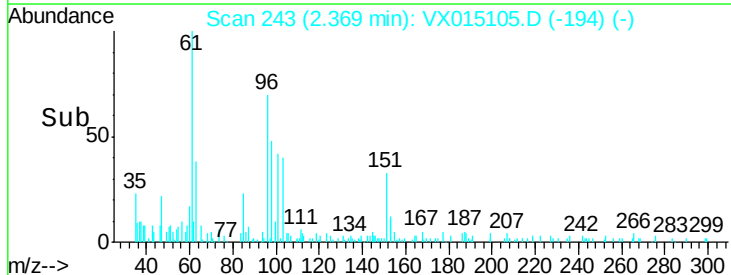
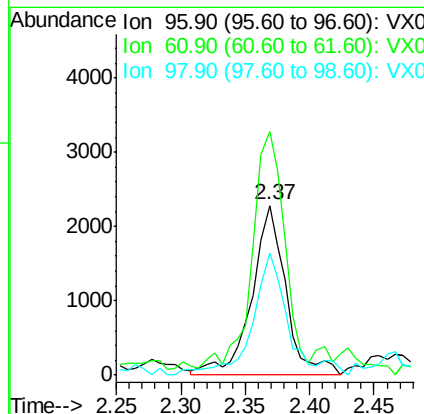
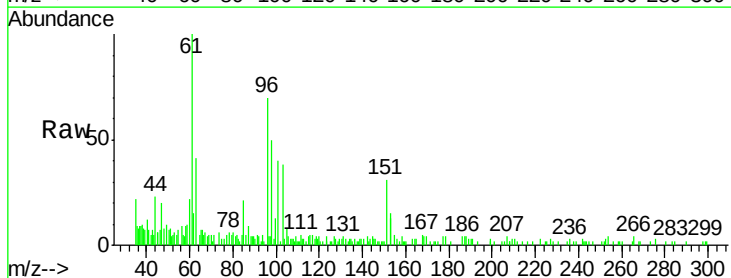
MMDadoda
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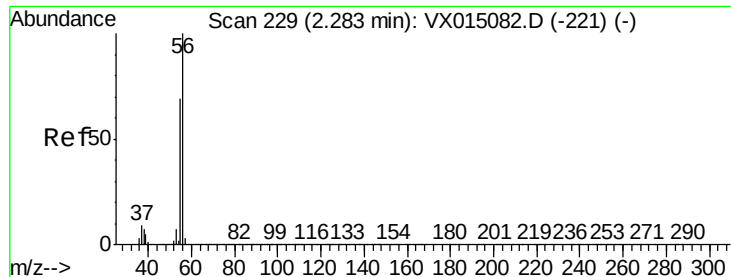


#12

1,1-Dichloroethene
Concen: 1.268 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.2	126.2	189.4
98	69.9	51.4	77.0





#13

Acrolein

Concen: 6.673 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 56 Resp: 4374

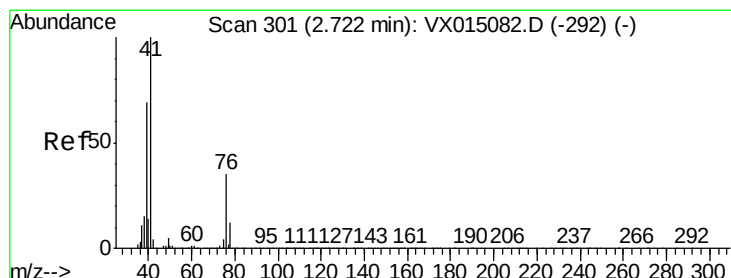
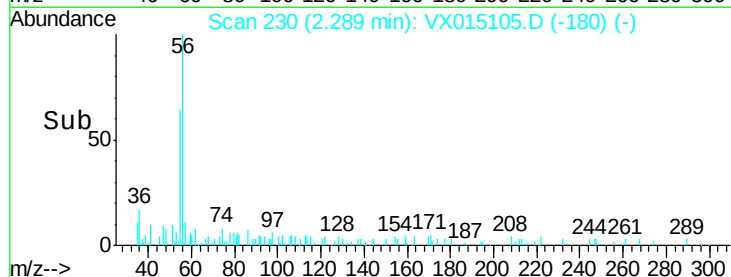
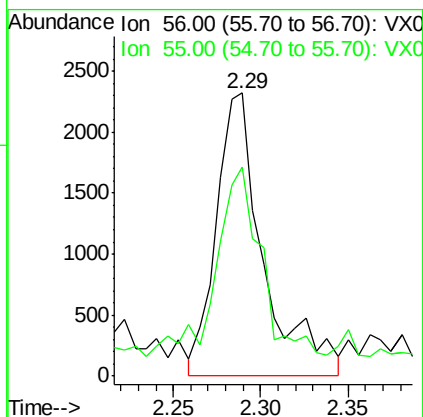
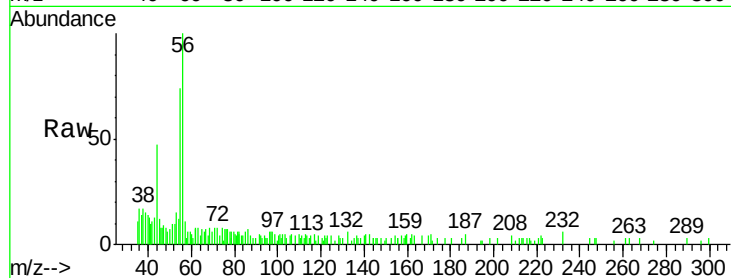
Ion Ratio Lower Upper

56 100

55 64.9 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 1.097 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

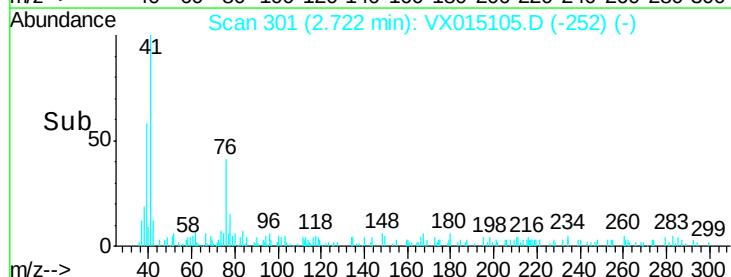
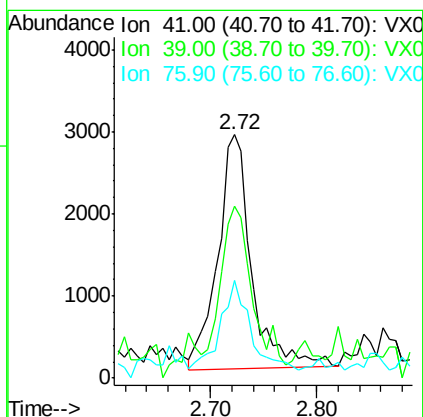
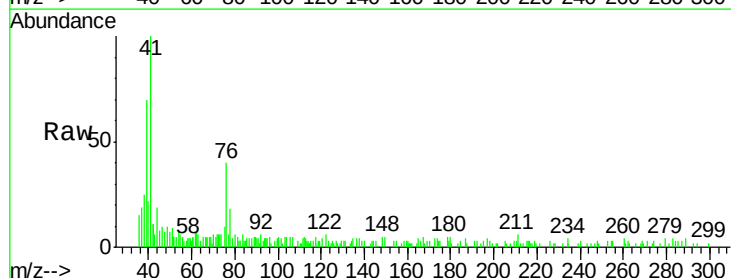
Tgt Ion: 41 Resp: 6300

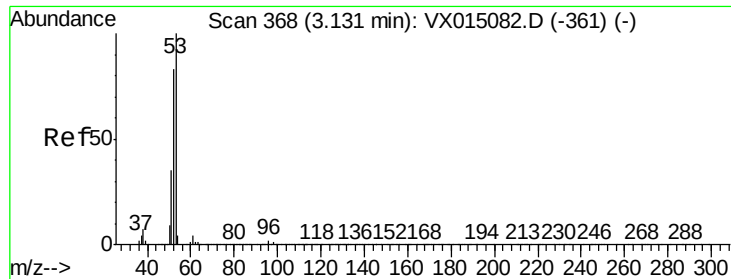
Ion Ratio Lower Upper

41 100

39 60.7 52.9 79.3

76 35.4 26.8 40.2





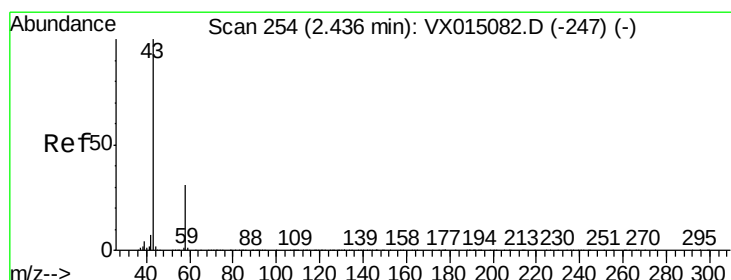
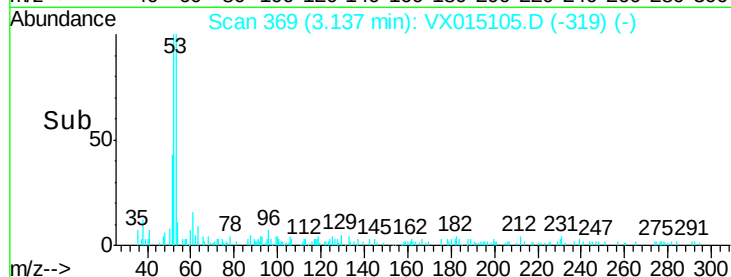
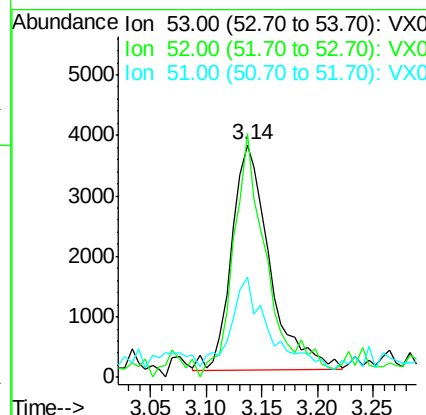
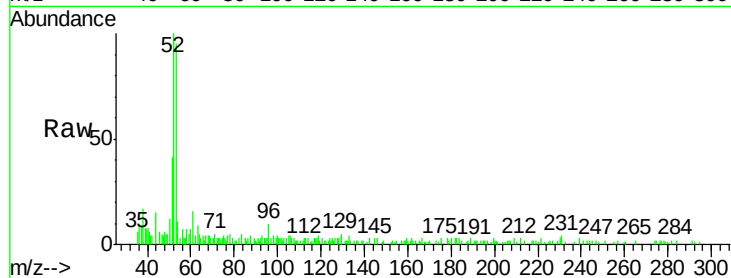
#15
Acrylonitrile
Concen: 5.099 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion:	53	Resp:	8857
Ion	Ratio	Lower	Upper
53	100		
52	88.4	66.6	100.0
51	41.9	29.0	43.6

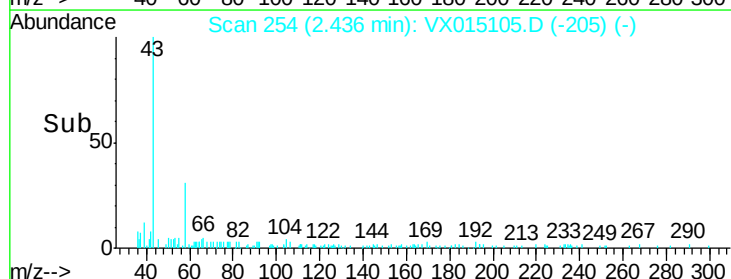
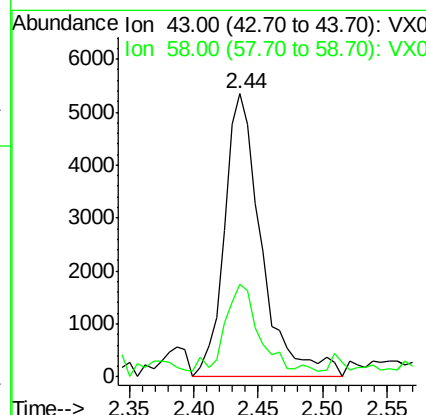
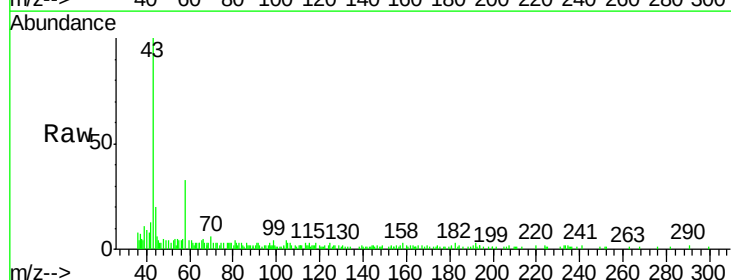
Manual Integrations
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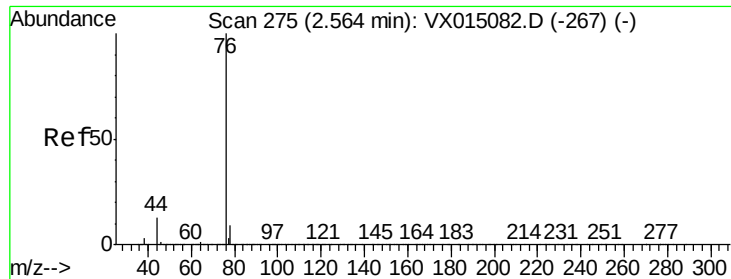
MMDadoda
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#16
Acetone
Concen: 6.623 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion:	43	Resp:	10783
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2





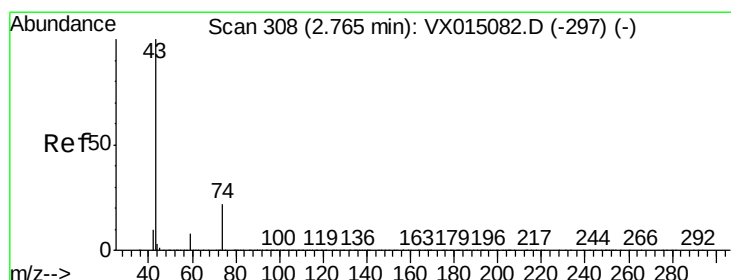
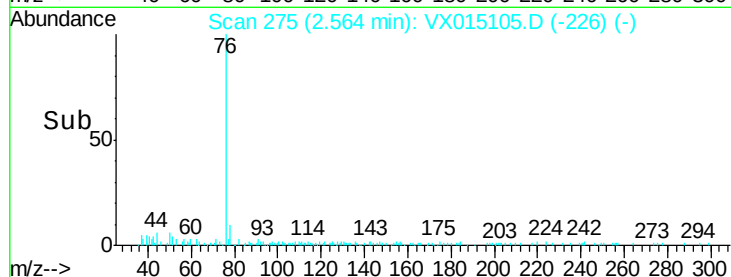
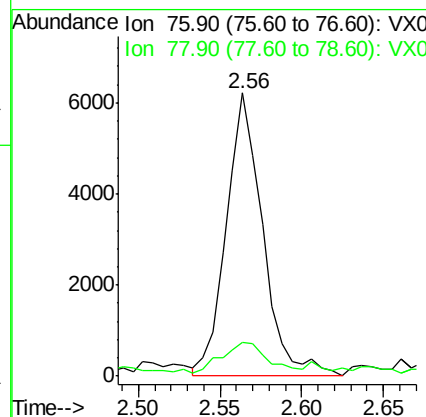
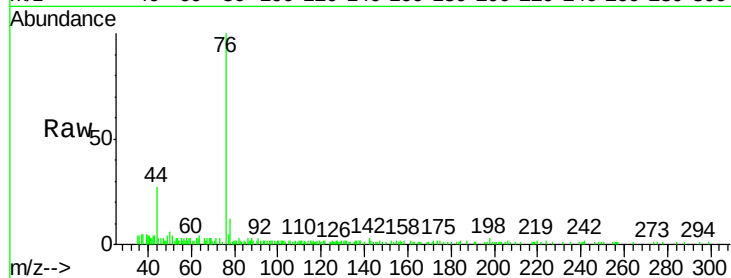
#17
Carbon Disulfide
Concen: 1.062 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.3	10.9#

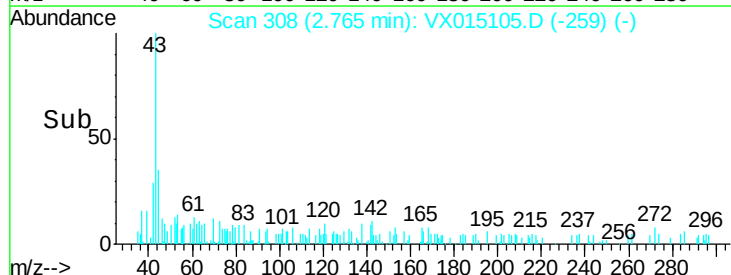
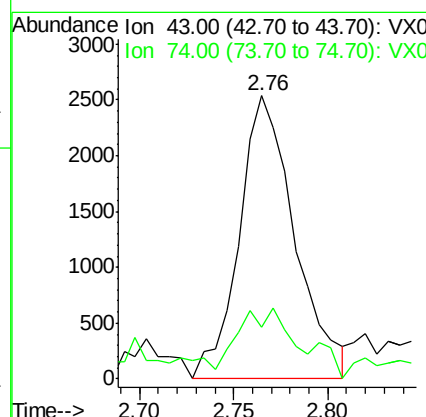
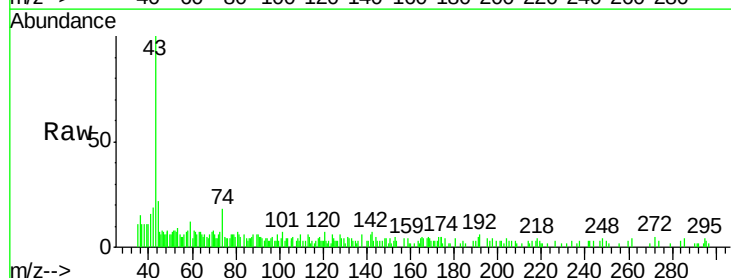
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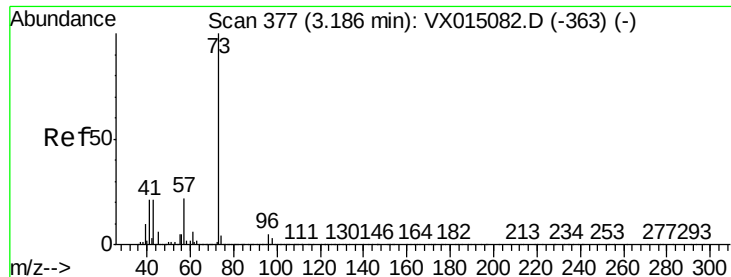
MMDadoda
3/12/2020 2:47:25 PM



#18
Methyl Acetate
Concen: 1.303 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	18.8	28.2





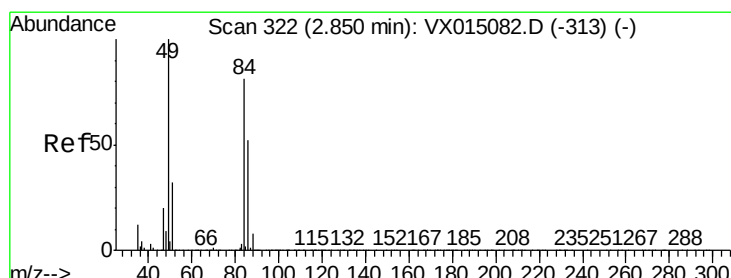
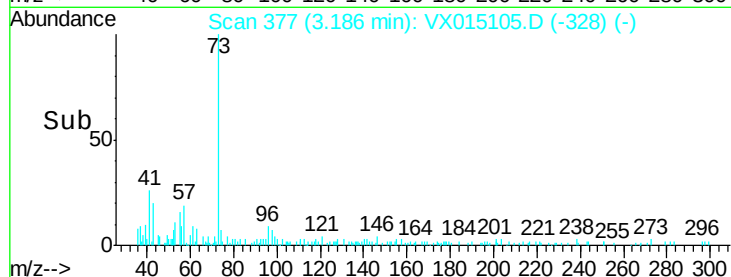
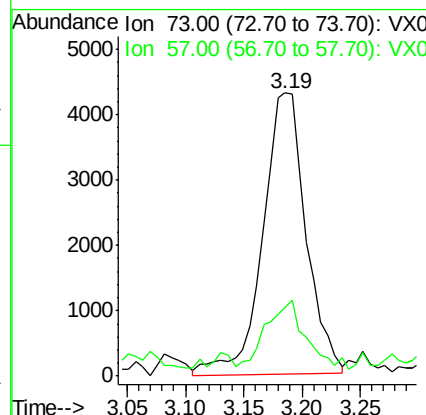
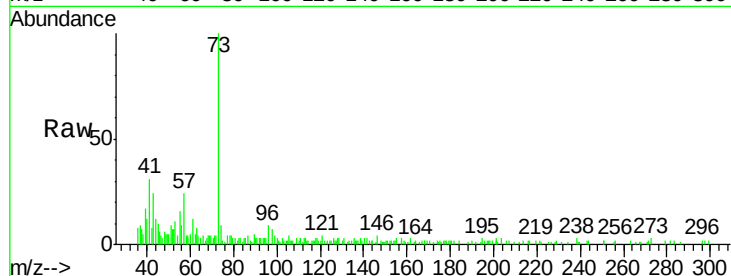
#19
Methyl tert-butyl Ether
Concen: 1.081 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

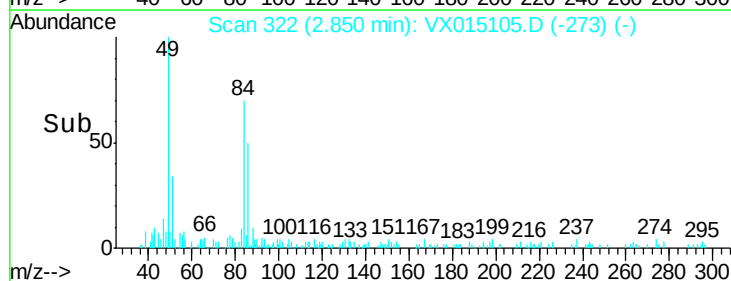
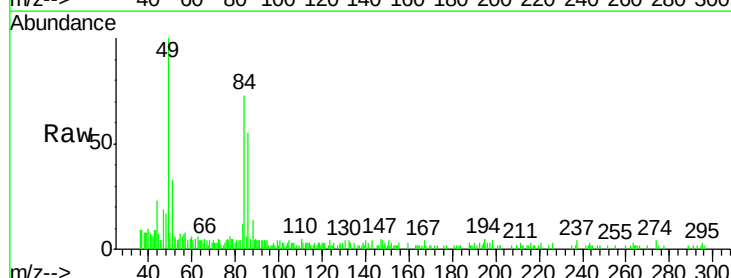
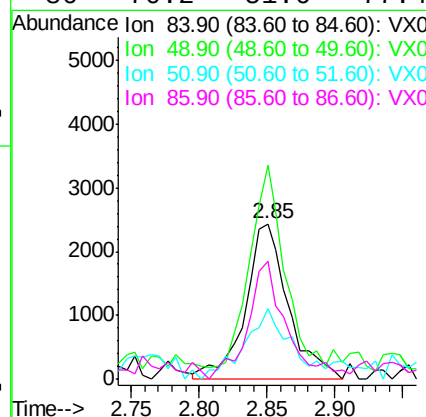
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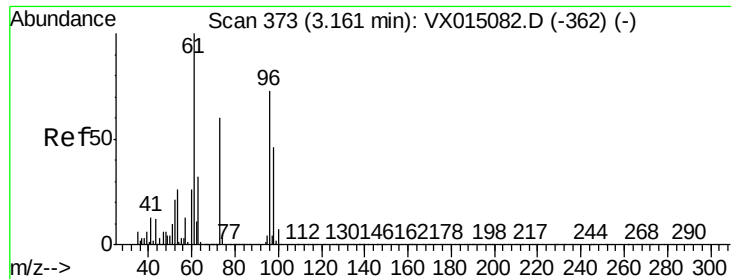
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#20
Methylene Chloride
Concen: 1.407 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	99.4	149.2
51	33.9	31.5	47.3
86	70.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 1.176 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

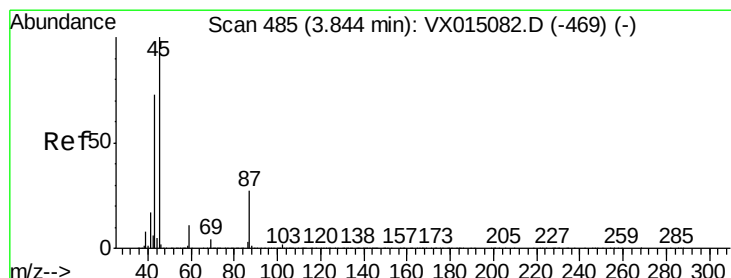
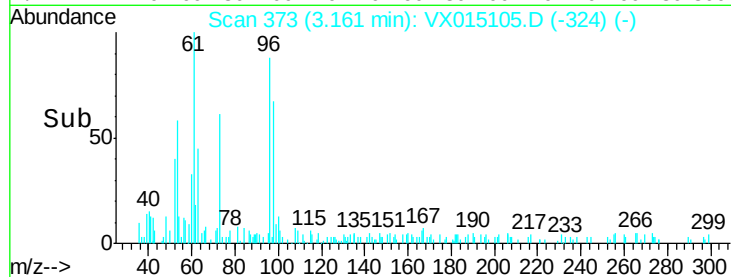
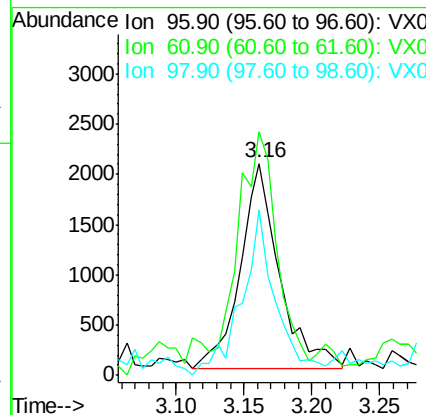
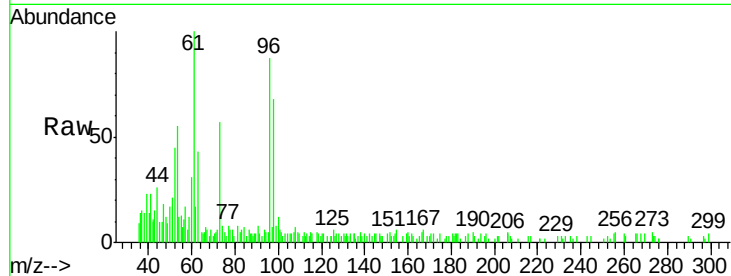
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	96	Resp:	4134
Ion	Ratio	Lower	Upper
96	100		
61	113.7	109.9	164.9
98	80.5	50.2	75.2#

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#22

Diisopropyl ether

Concen: 0.899 ug/l

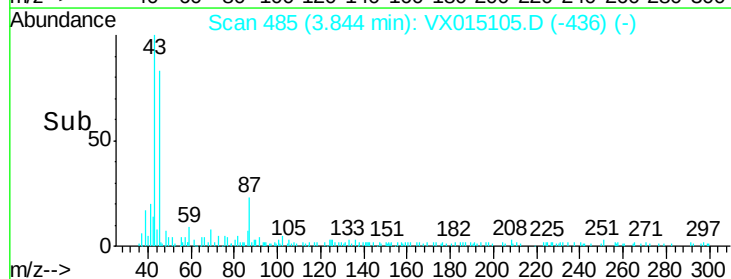
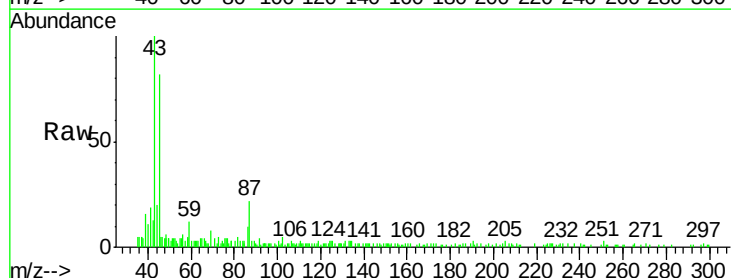
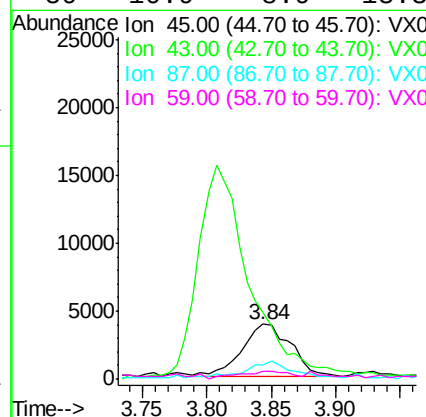
RT: 3.84 min Scan# 485

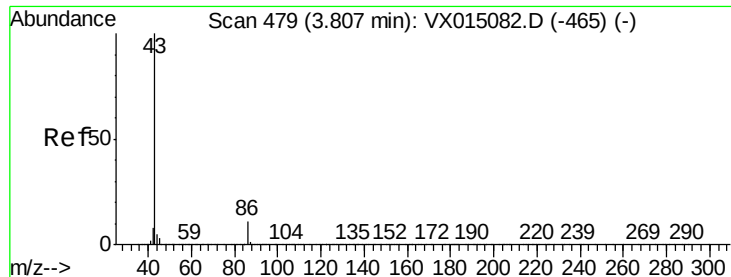
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	45	Resp:	10286
Ion	Ratio	Lower	Upper
45	100		
43	114.0	58.2	87.2#
87	24.8	21.2	31.8
59	10.9	8.9	13.3





#23

Vinyl Acetate

Concen: 4.891 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 45990

Ion Ratio Lower Upper

43 100

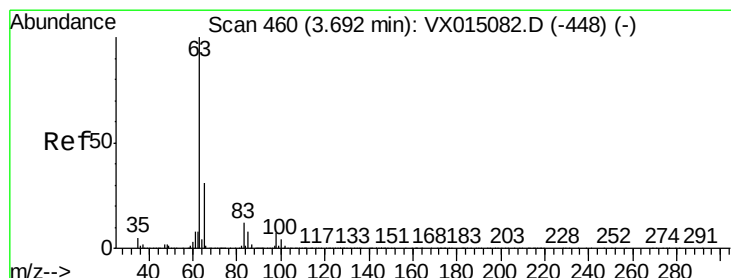
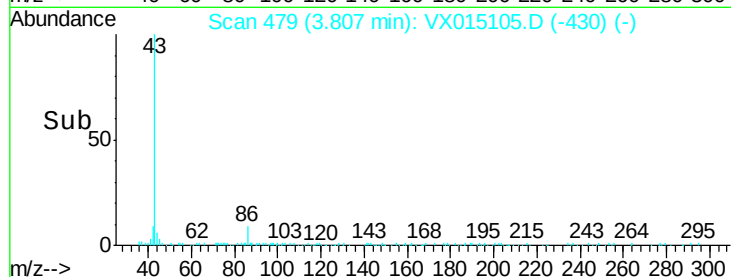
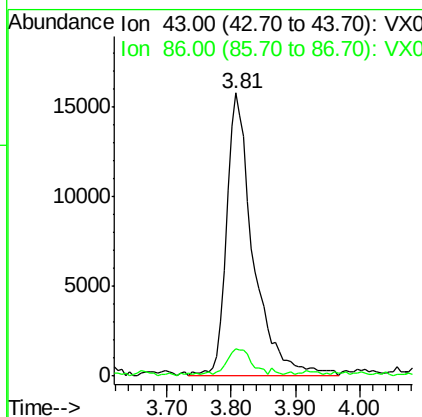
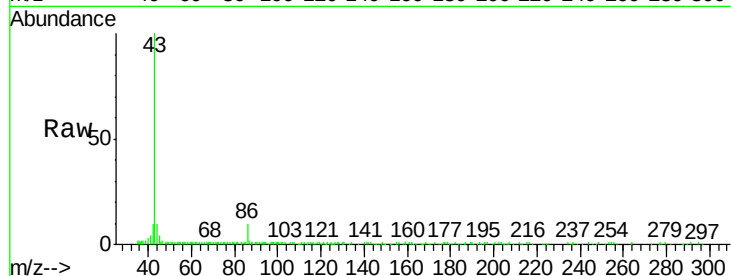
86 8.5 8.6 12.8#

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#24

1,1-Dichloroethane

Concen: 1.005 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

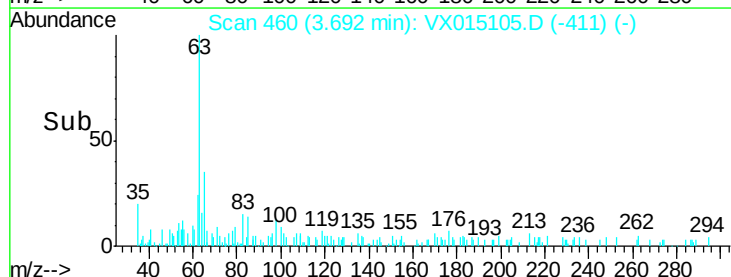
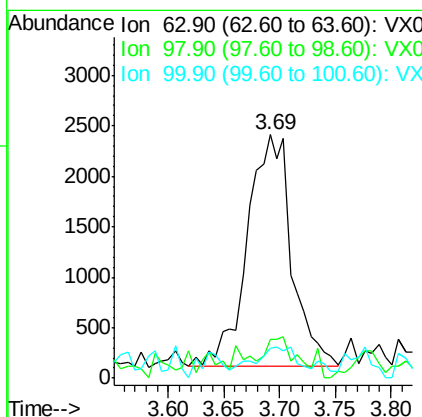
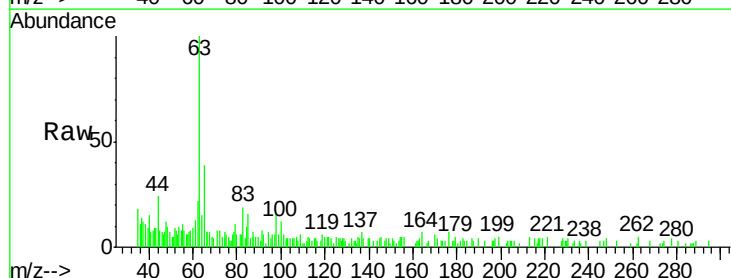
Tgt Ion: 63 Resp: 6383

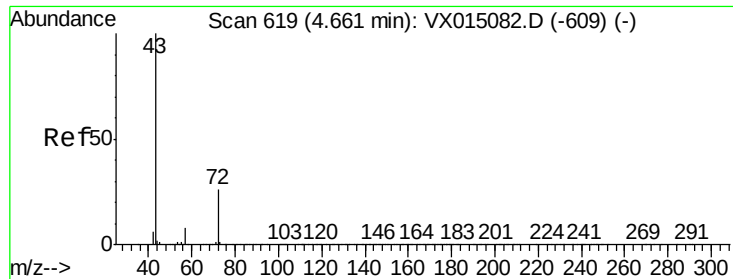
Ion Ratio Lower Upper

63 100

98 13.6 3.7 11.1#

100 13.1 2.1 6.5#





#25

2-Butanone

Concen: 5.762 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 13734

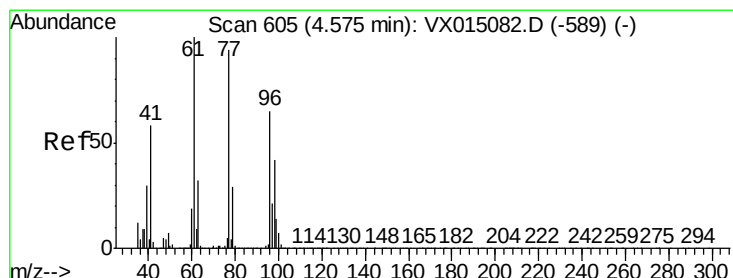
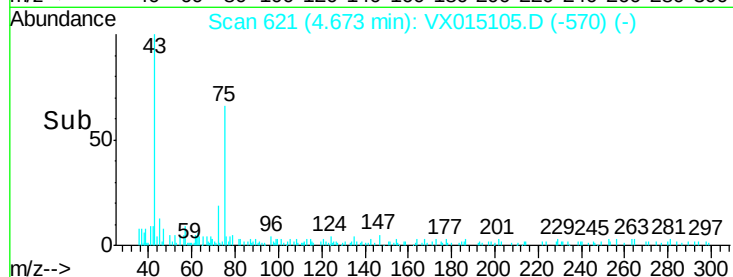
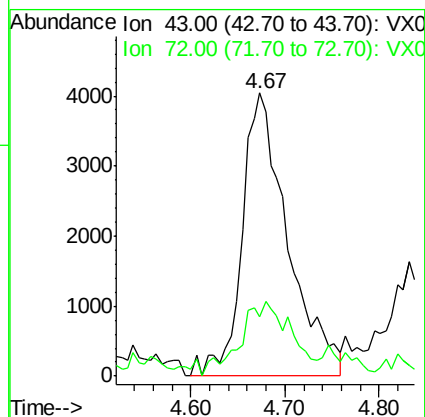
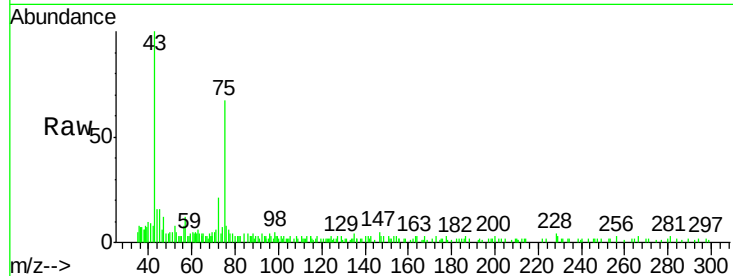
Ion Ratio Lower Upper

43 100

72 18.9 20.6 30.8#

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 0.988 ug/l m

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015105.D

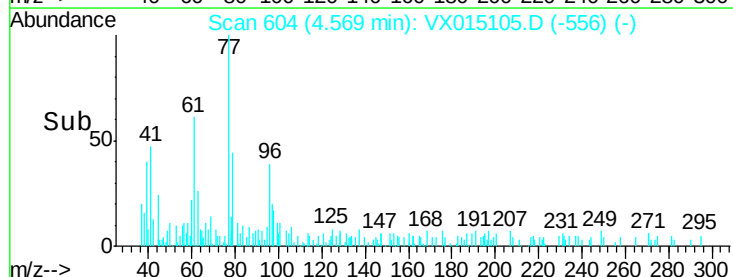
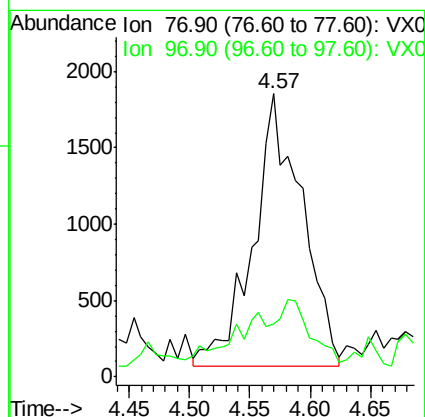
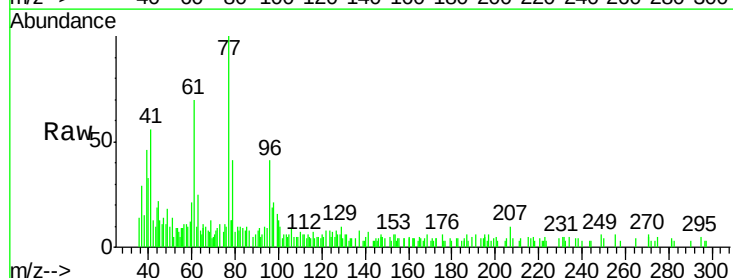
Acq: 05 Mar 2020 12:41

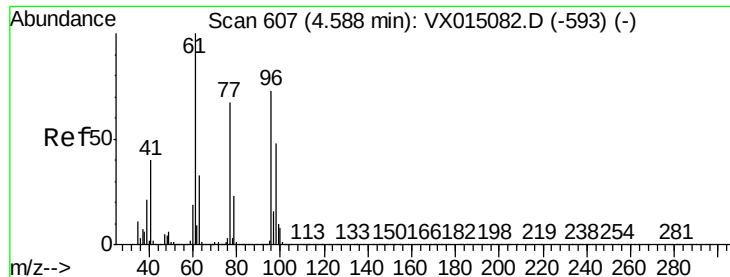
Tgt Ion: 77 Resp: 4980

Ion Ratio Lower Upper

77 100

97 4.3 11.8 35.4#





#27

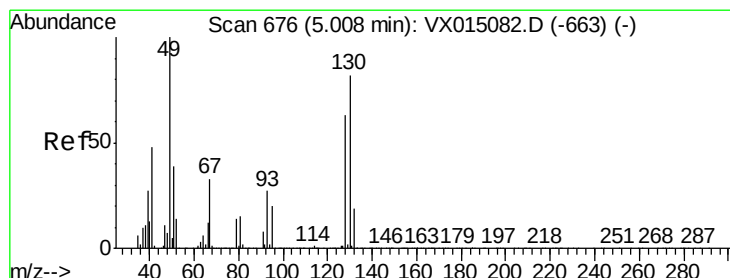
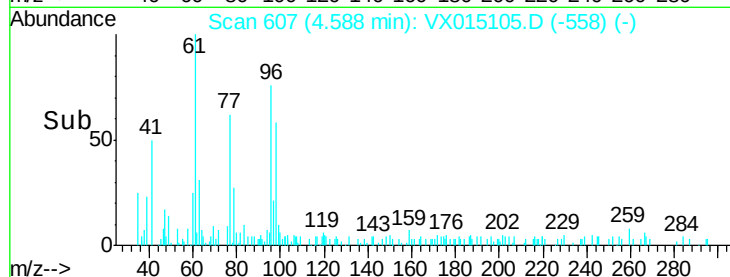
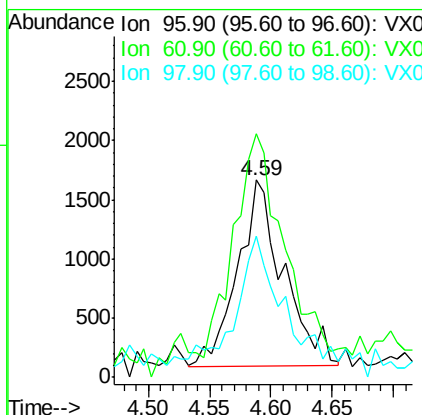
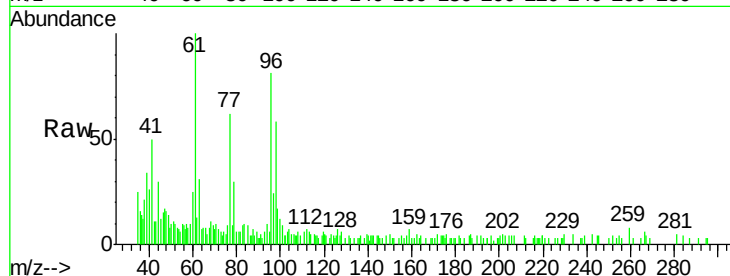
cis-1,2-Dichloroethene
Concen: 1.042 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	286.8
98	74.6	0.0	128.4

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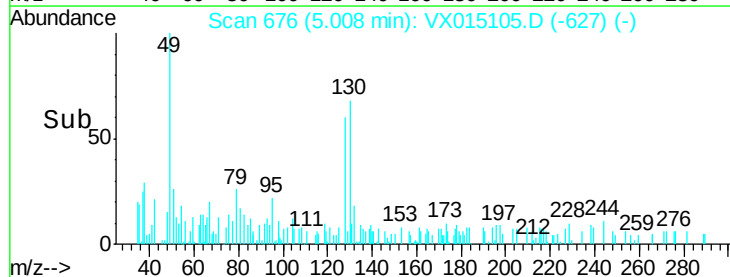
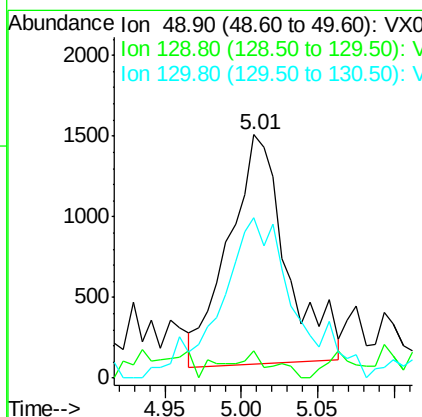
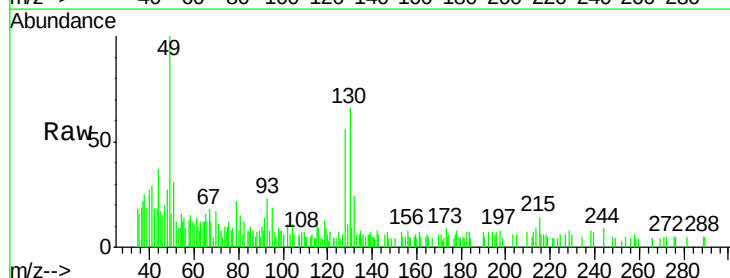
MMDadoda
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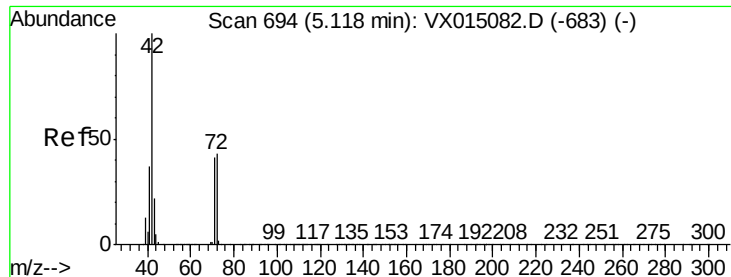


#28

Bromochloromethane
Concen: 1.290 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	6.7	0.0	4.4#
130	82.5	65.0	97.6





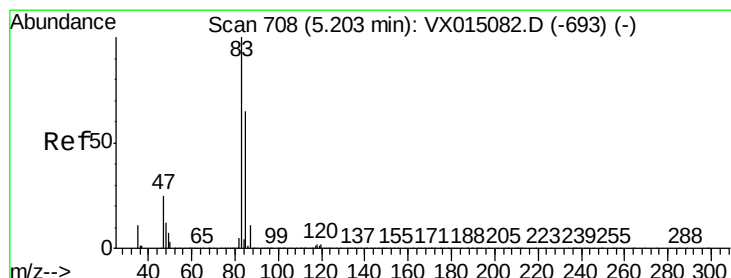
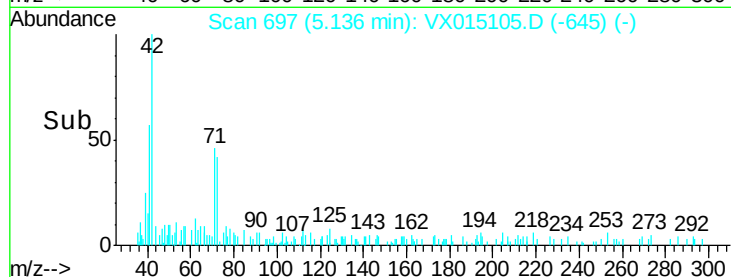
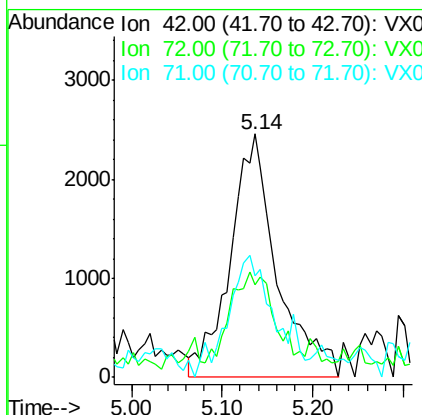
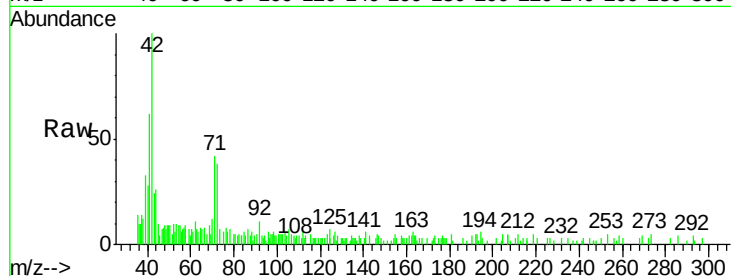
#29
Tetrahydrofuran
Concen: 5.748 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	36.4	54.6#
71	49.9	33.3	49.9#

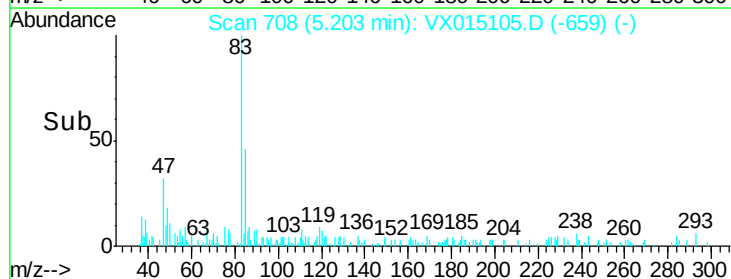
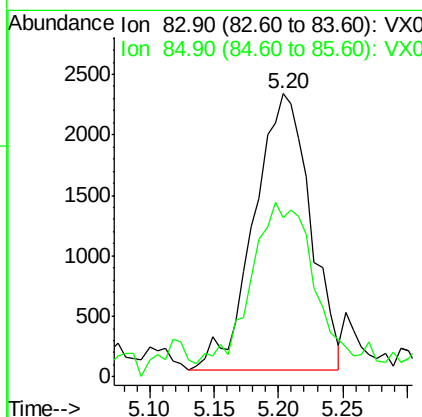
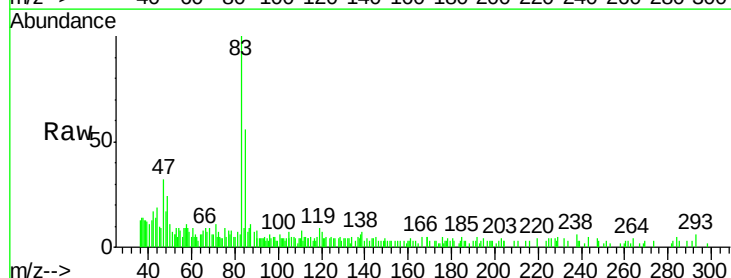
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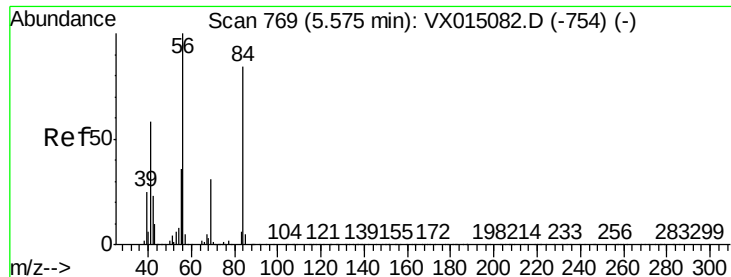
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#30
Chloroform
Concen: 1.115 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.7	52.0	78.0#





#31

Cyclohexane

Concen: 0.932 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

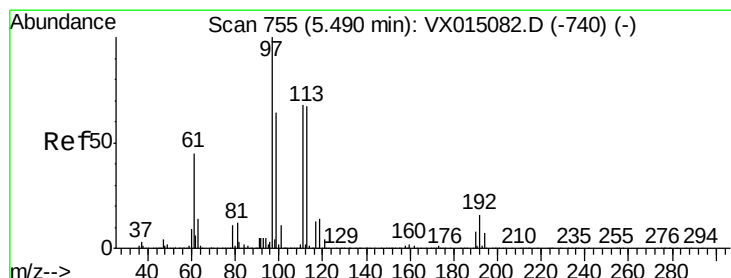
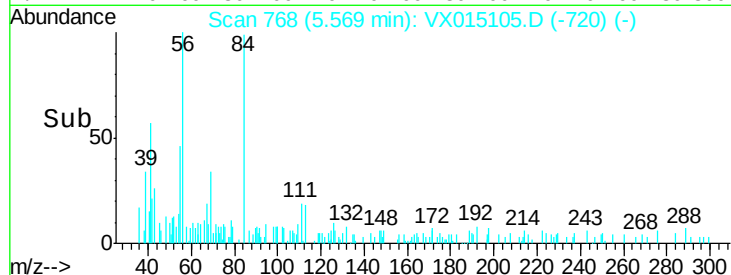
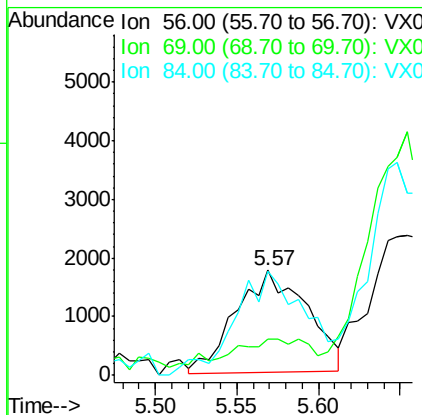
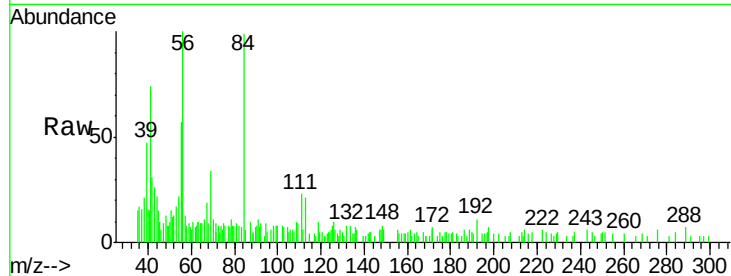
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	56	Resp:	5280
Ion Ratio	Lower	Upper	
56	100		
69	29.7	25.0	37.6
84	101.7	67.6	101.4#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 1.162 ug/l

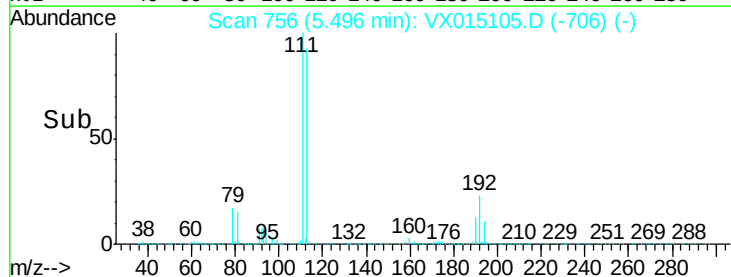
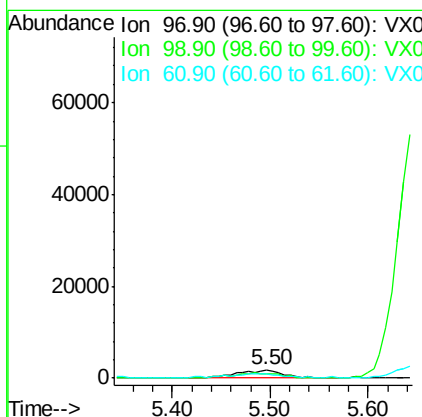
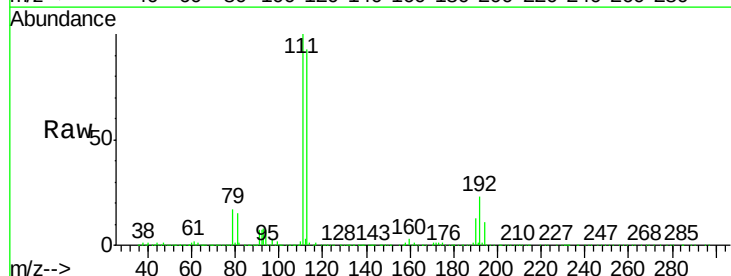
RT: 5.50 min Scan# 756

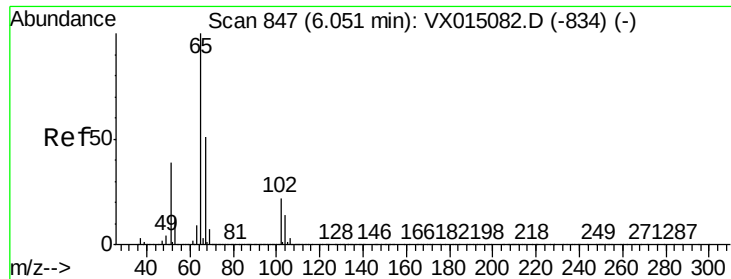
Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	97	Resp:	5962
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.8	79.2#
61	46.3	36.6	54.8





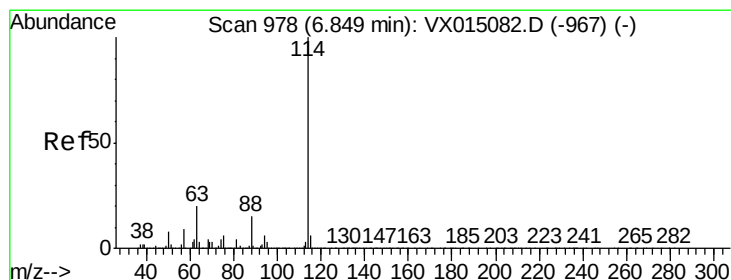
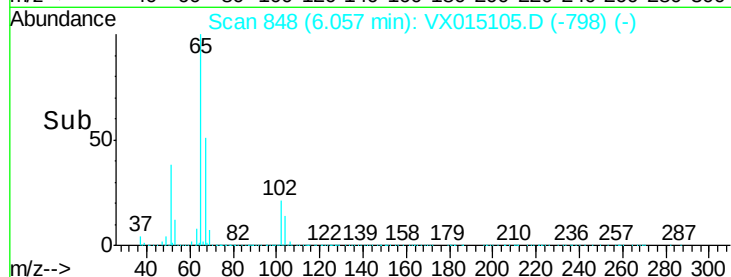
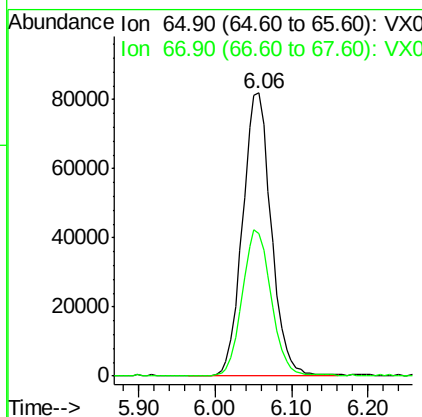
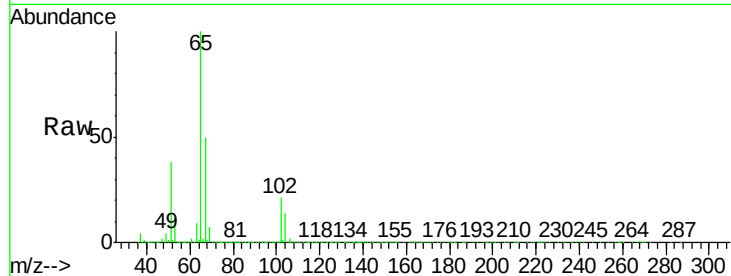
#33
 1,2-Dichloroethane-d4
 Concen: 52.907 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	212693		
67	52.6	0.0	105.6	

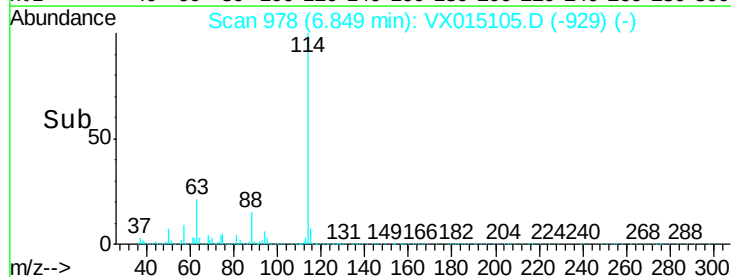
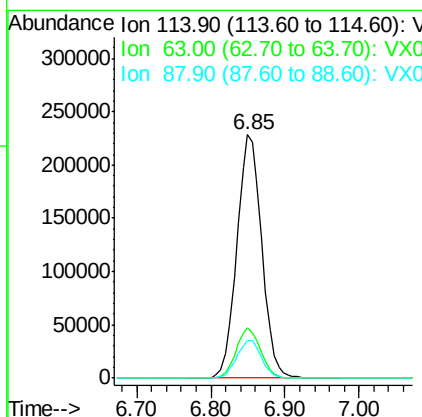
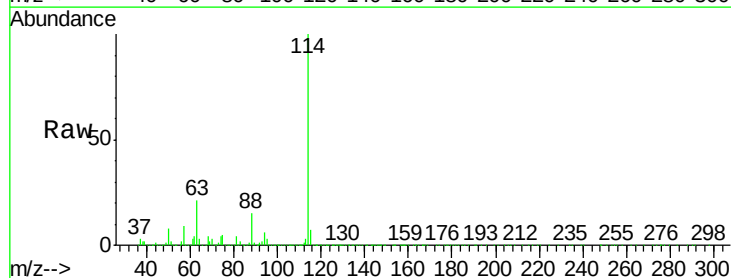
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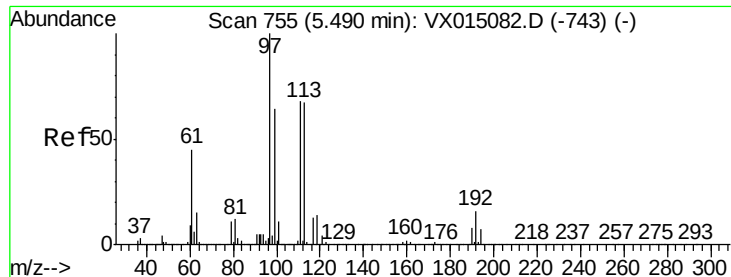
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	535385		
63	20.7	0.0	40.0	
88	15.4	0.0	30.6	





#35

Dibromofluoromethane

Concen: 49.441 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

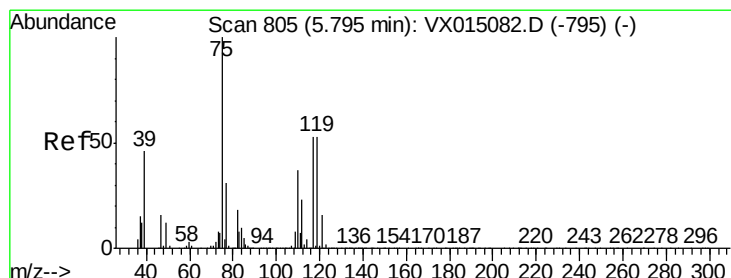
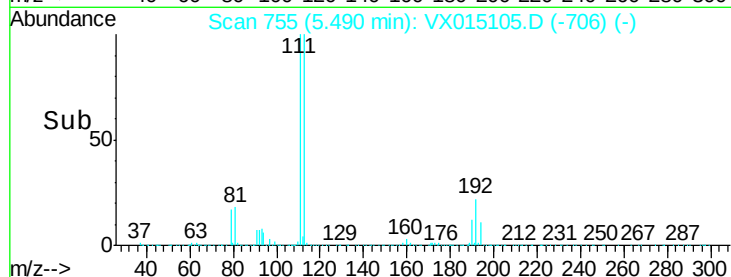
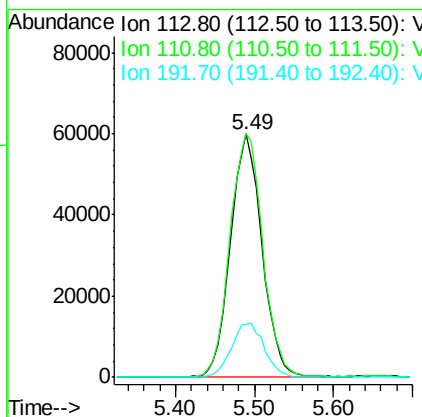
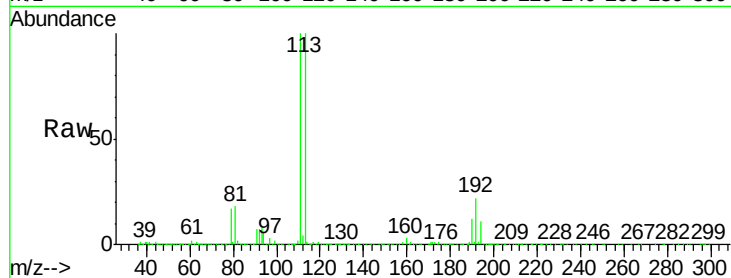
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	113	Resp:	166990
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.6	123.8
192	23.6	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 1.012 ug/l

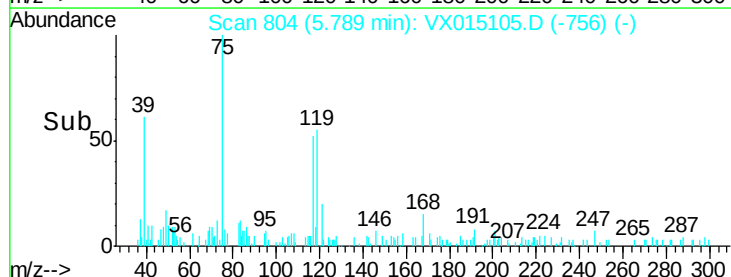
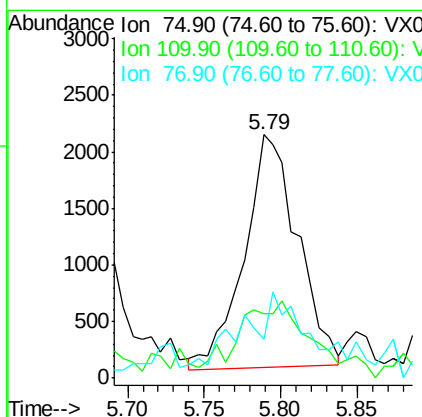
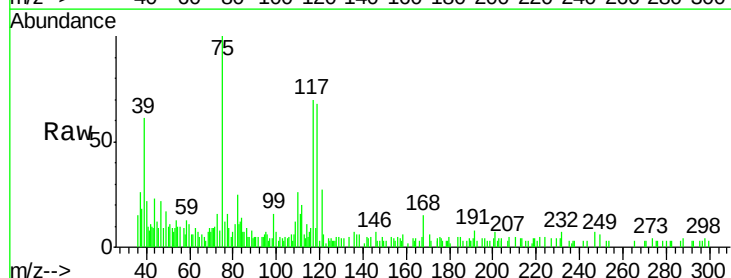
RT: 5.79 min Scan# 804

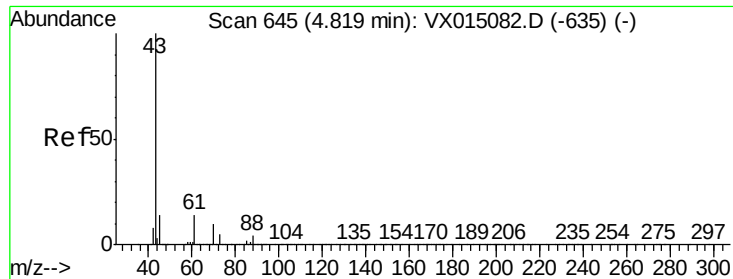
Delta R.T. -0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	75	Resp:	5009
Ion Ratio	Lower	Upper	
75	100		
110	46.2	17.9	53.8
77	30.4	24.8	37.2





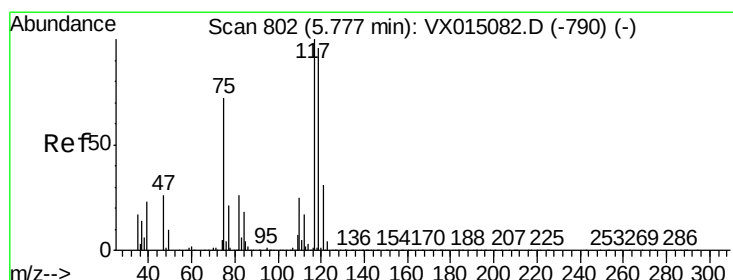
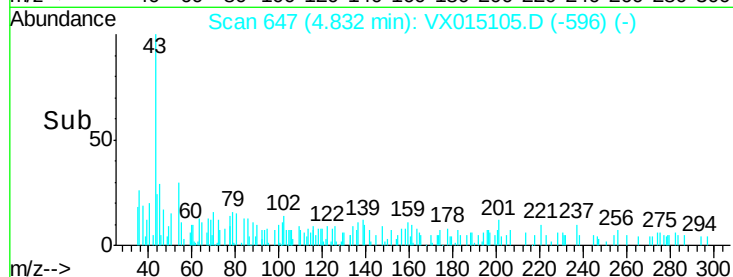
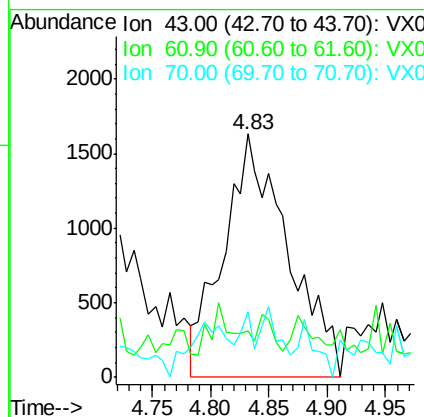
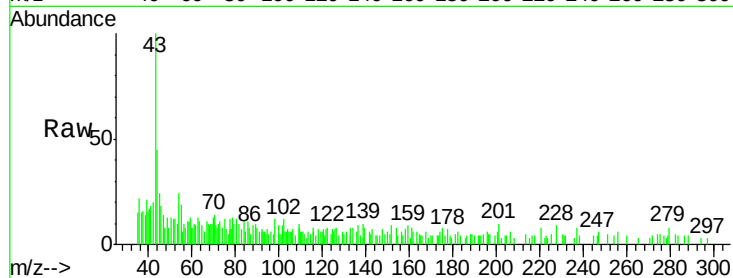
#37
Ethyl Acetate
Concen: 1.361 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion:	43	Resp:	6249
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	3.5	8.1	12.1#

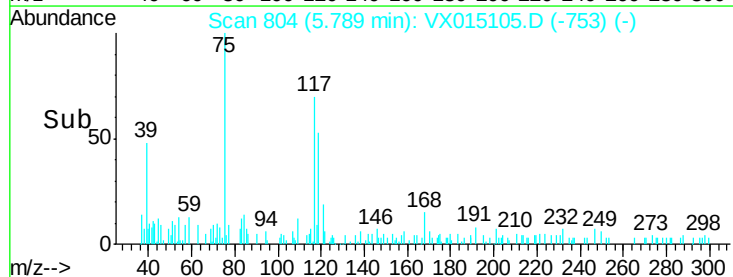
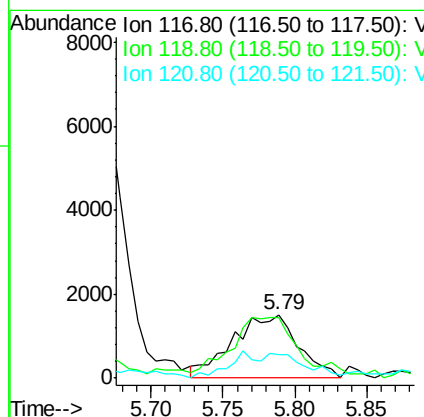
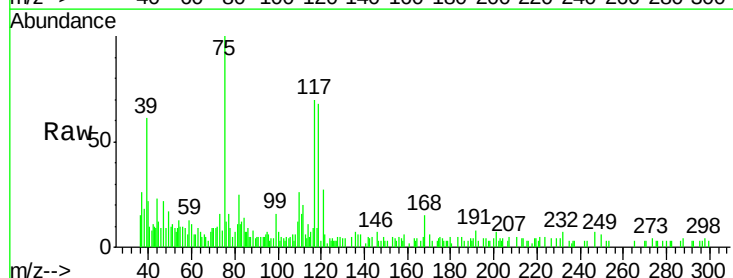
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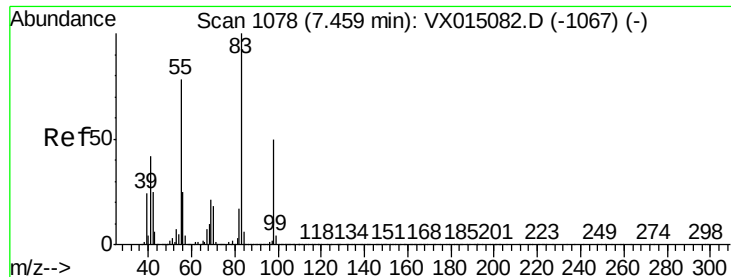
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#38
Carbon Tetrachloride
Concen: 1.017 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion:	117	Resp:	4749
Ion	Ratio	Lower	Upper
117	100		
119	87.4	76.9	115.3
121	38.0	24.6	37.0#





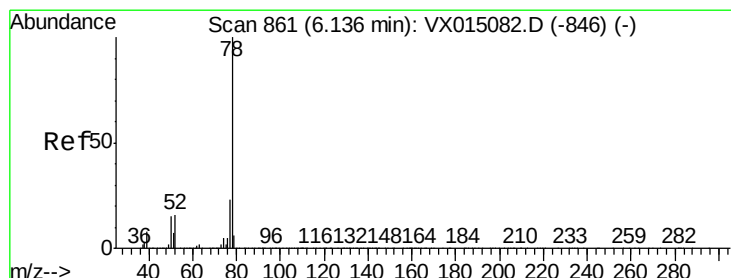
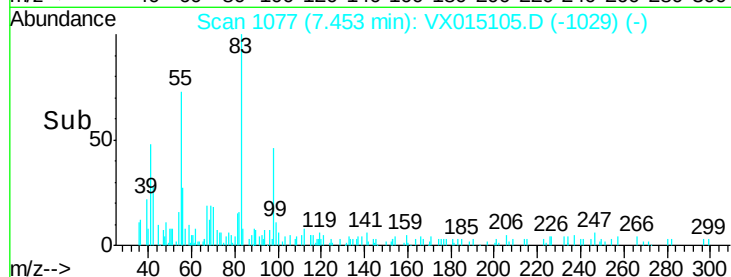
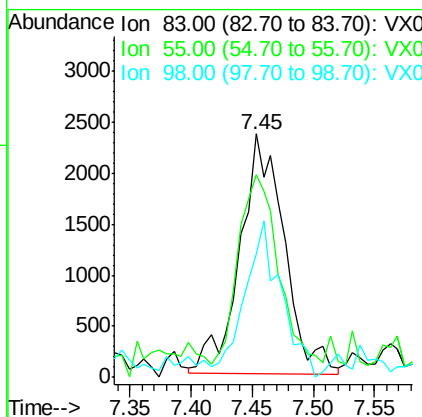
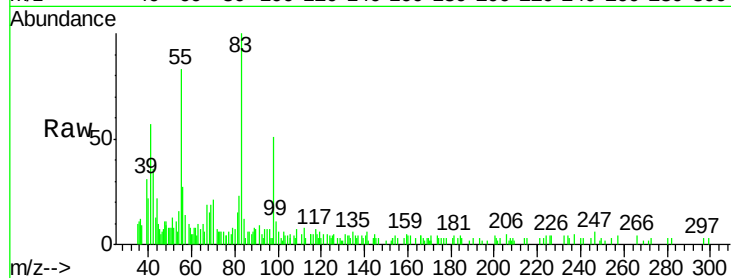
#39
Methylvlcyclohexane
Concen: 1.022 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	62.4	93.6
98	43.8	39.7	59.5

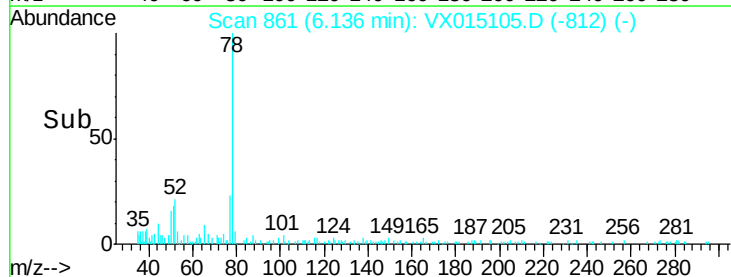
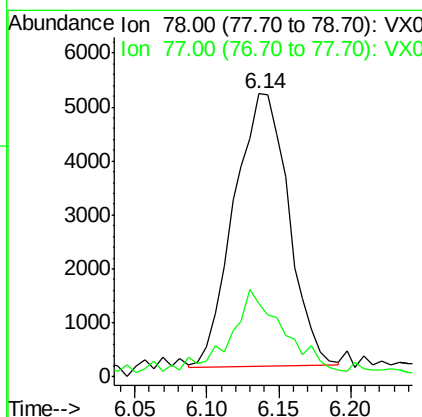
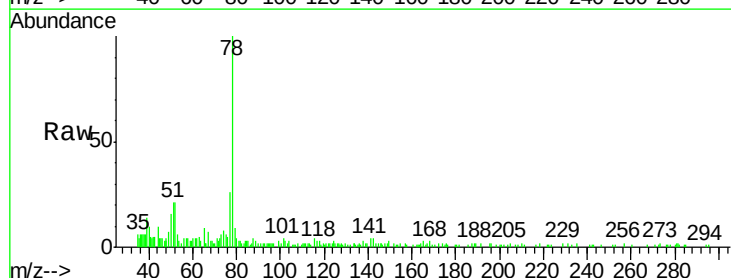
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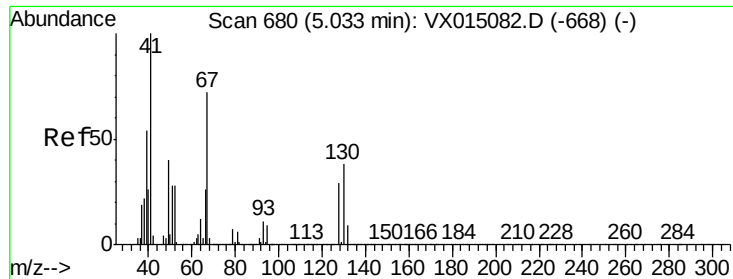
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#40
Benzene
Concen: 0.903 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





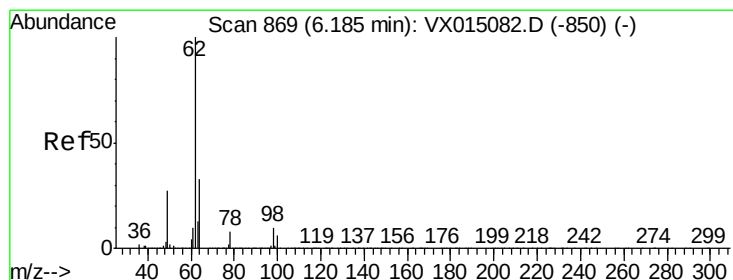
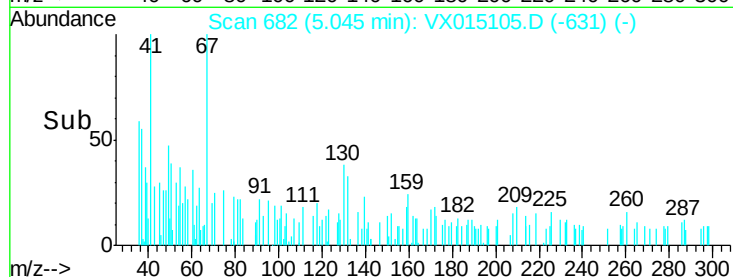
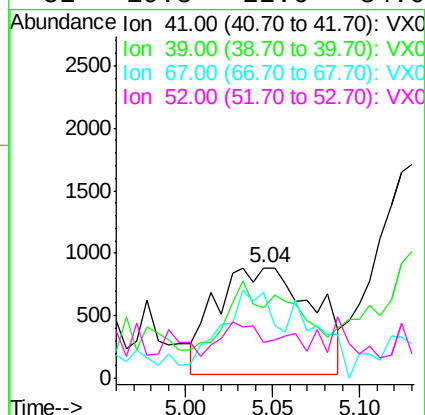
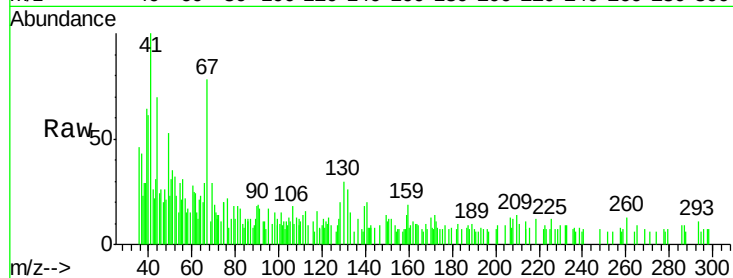
#41
Methacrylonitrile
Concen: 1.190 ug/l m
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ion	Ratio	Lower	Upper
3282	41	100		
	39	21.7	43.9	65.9#
	67	37.3	57.8	86.8#
	52	19.5	22.6	34.0#

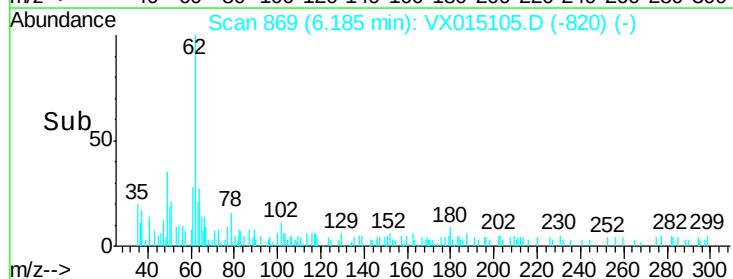
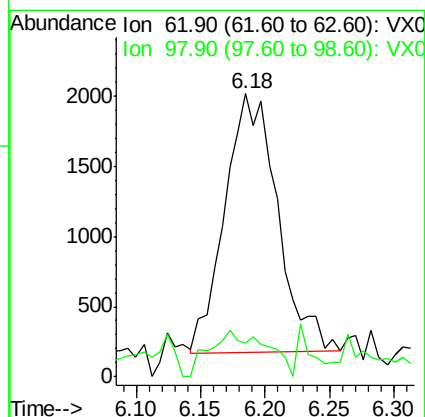
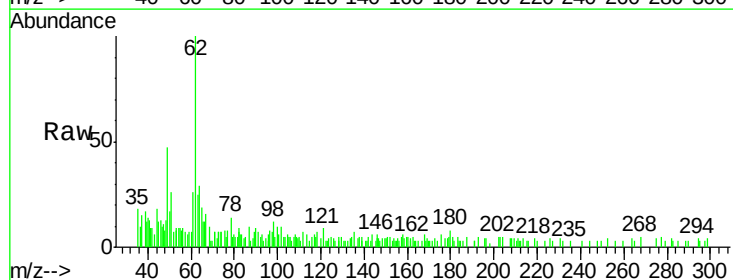
Manual Integrations
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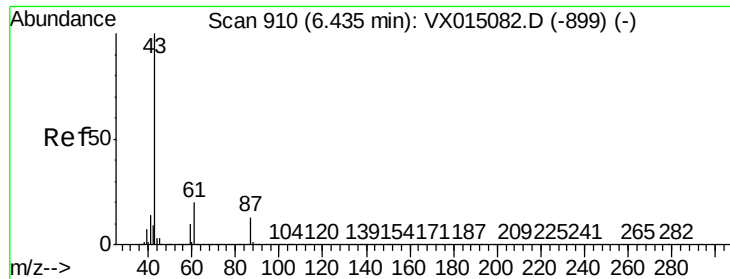
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#42
1,2-Dichloroethane
Concen: 1.041 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
5252	62	100		
	98	19.2	0.0	20.6





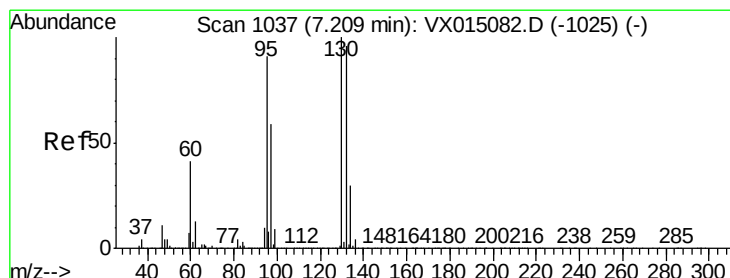
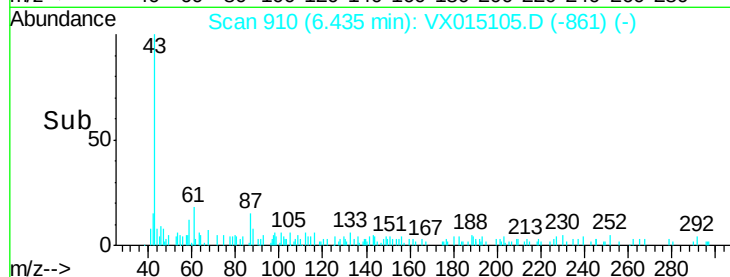
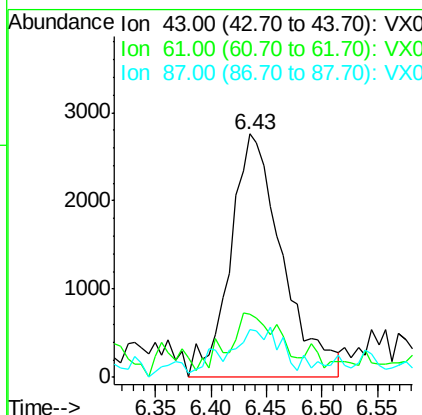
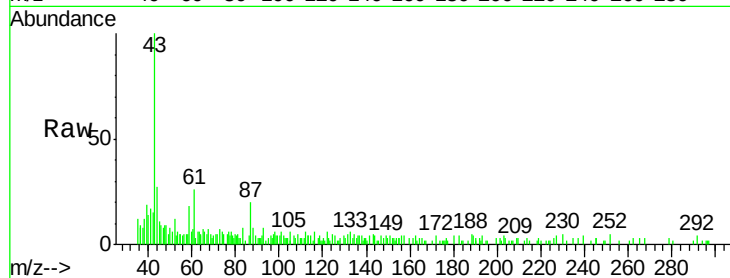
#43
Isopropyl Acetate
Concen: 1.106 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.1	24.1
87	0.0	10.6	16.0

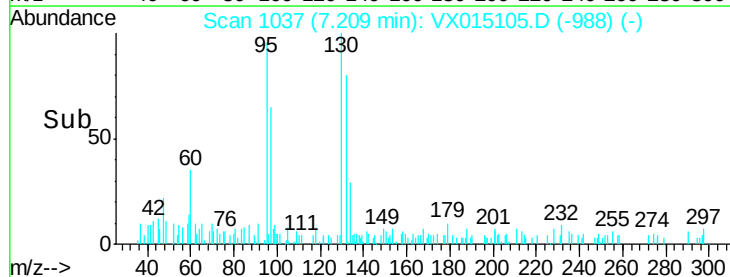
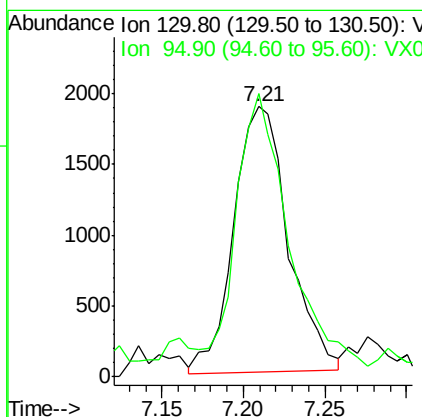
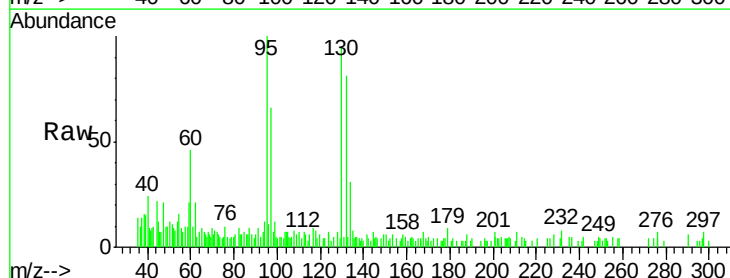
Manual Integrations
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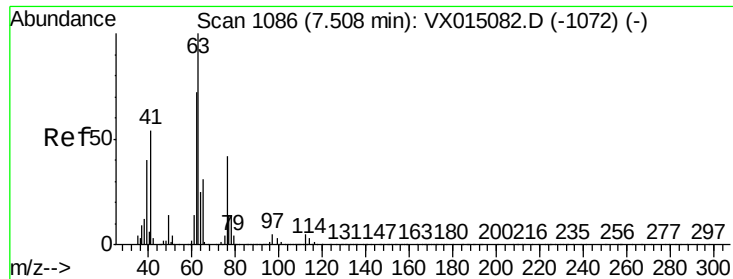
MMDadoda
3/12/2020 2:47:25 PM



#44
Trichloroethene
Concen: 1.073 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	181.2





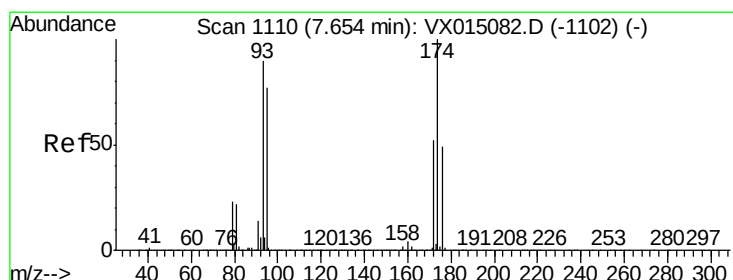
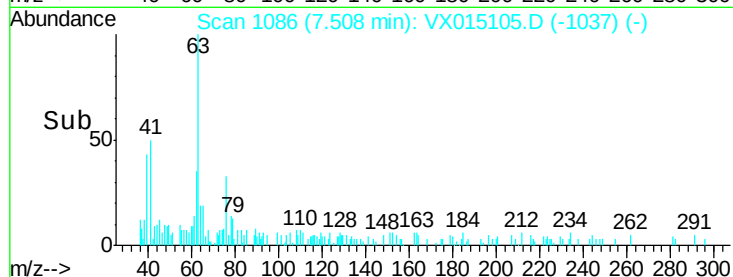
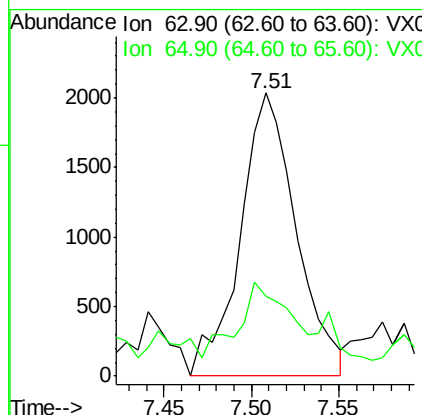
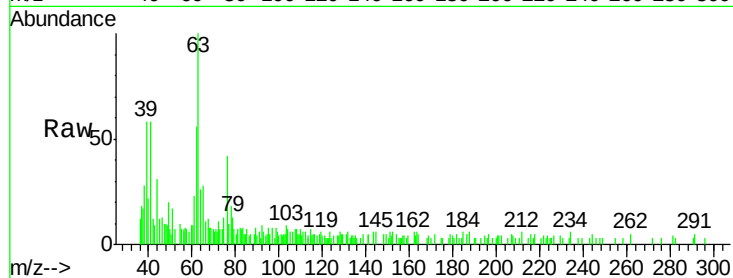
#45
 1,2-Dichloropropane
 Concen: 1.194 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
63	100		
65	18.2	24.6	36.8#

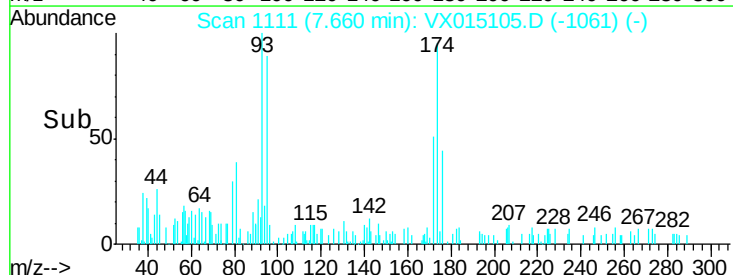
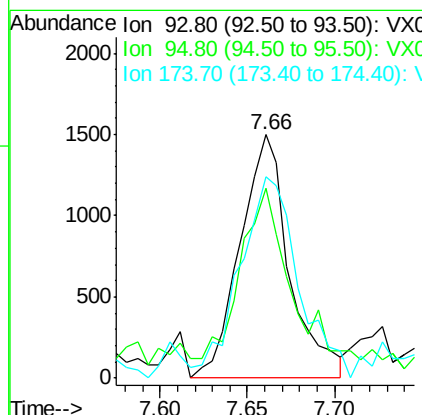
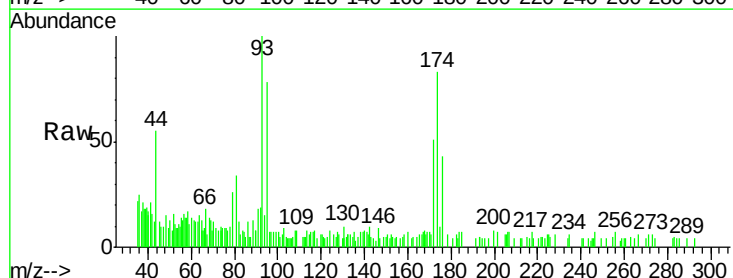
Manual Integrations
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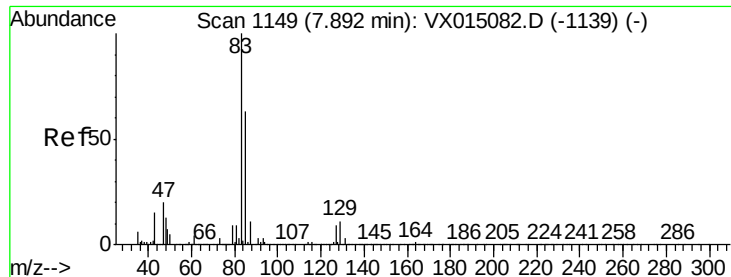
MMDadoda
 3/12/2020 2:47:25 PM



#46
 Dibromomethane
 Concen: 1.188 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.8	67.8	101.8
174	97.9	91.0	136.4





#47

Bromodichloromethane

Concen: 1.126 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

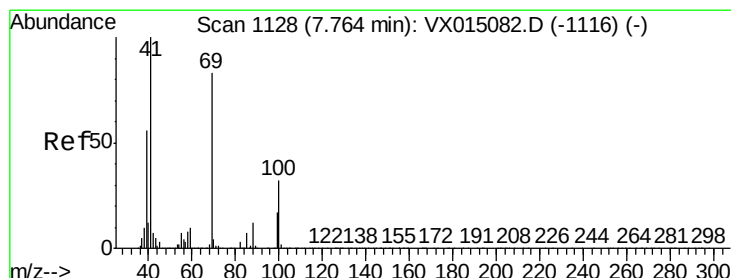
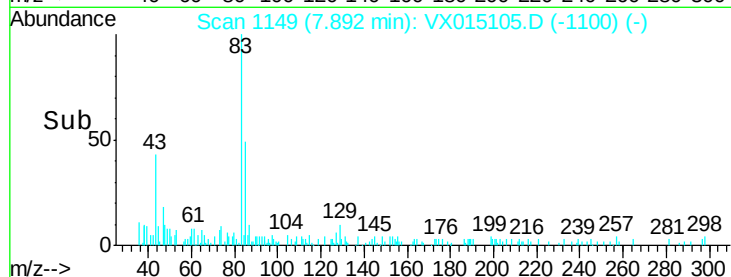
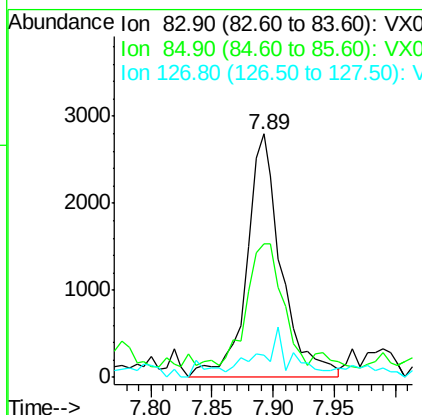
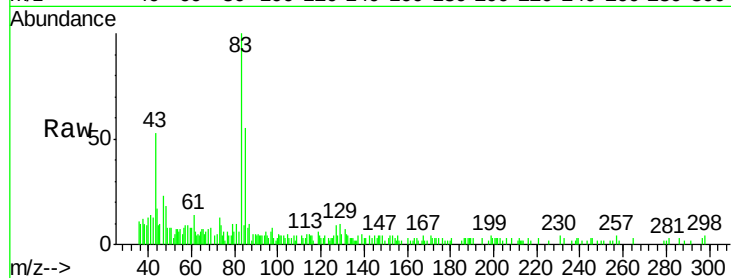
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	83	Resp:	5517
Ion	Ratio	Lower	Upper
83	100		
85	50.4	50.6	75.8#
127	9.2	7.1	10.7

Manual Integrations
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3/12/2020 2:47:25 PM



#48

Methyl methacrylate

Concen: 0.823 ug/l

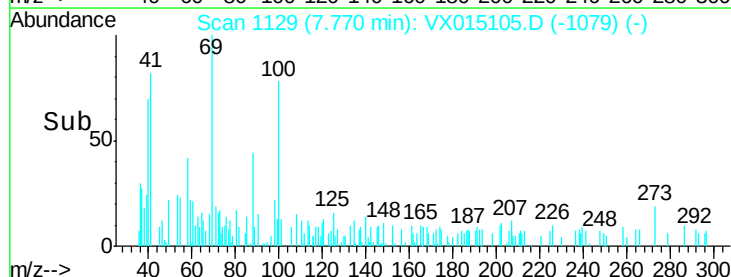
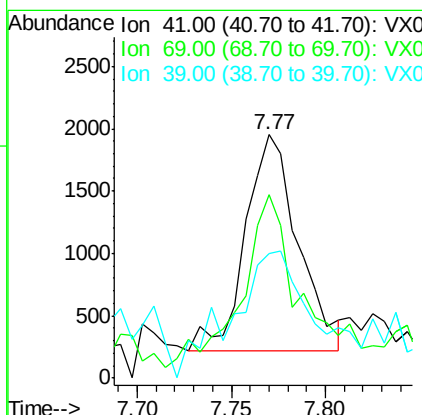
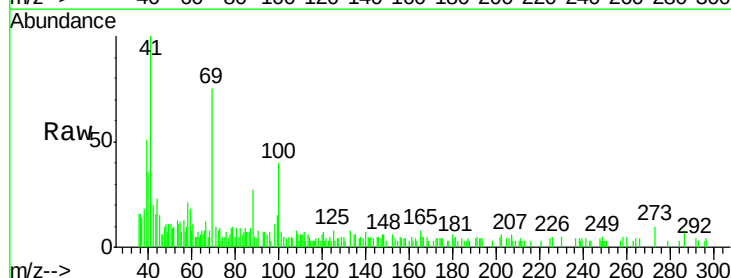
RT: 7.77 min Scan# 1129

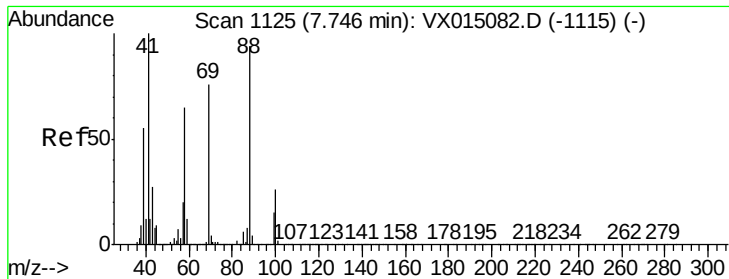
Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	41	Resp:	3385
Ion	Ratio	Lower	Upper
41	100		
69	96.9	65.4	98.2
39	92.1	44.6	67.0#





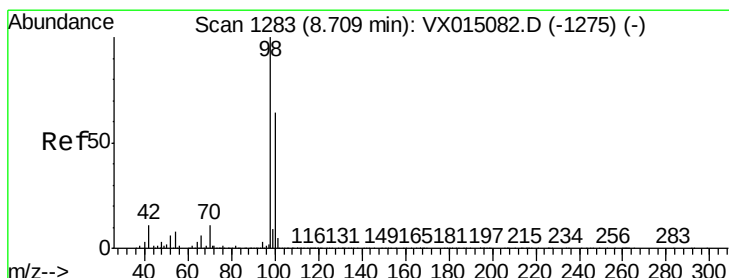
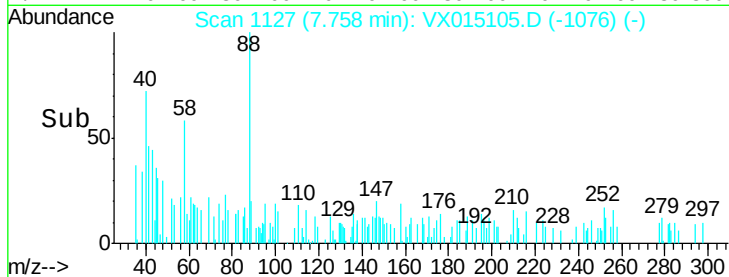
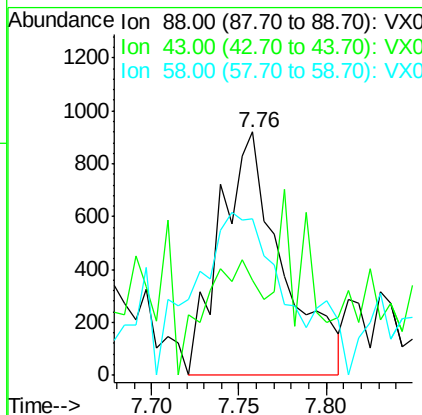
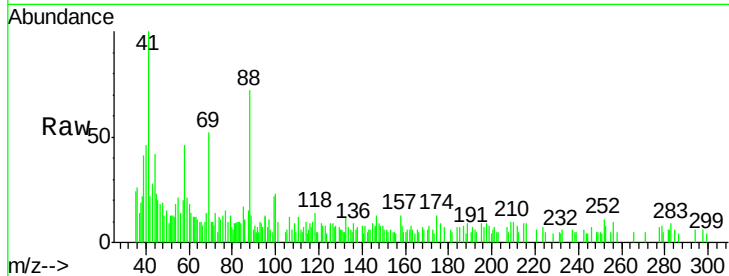
#49
1,4-Dioxane
Concen: 25.496 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.2	27.0	40.4#
58	89.1	55.6	83.4#

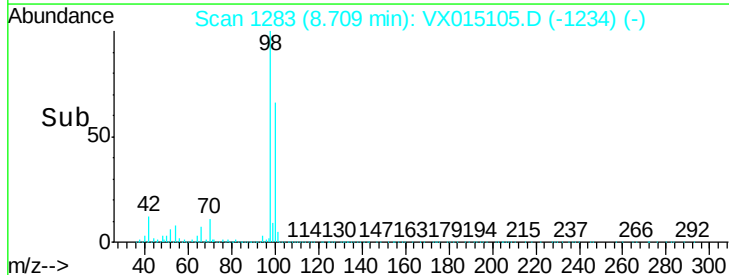
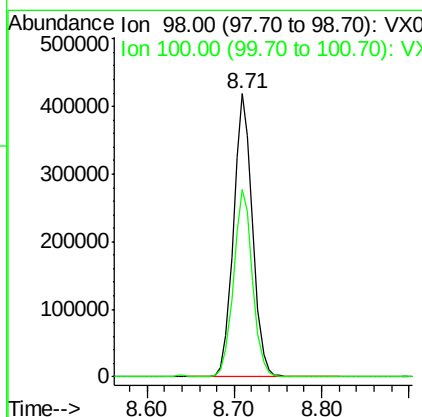
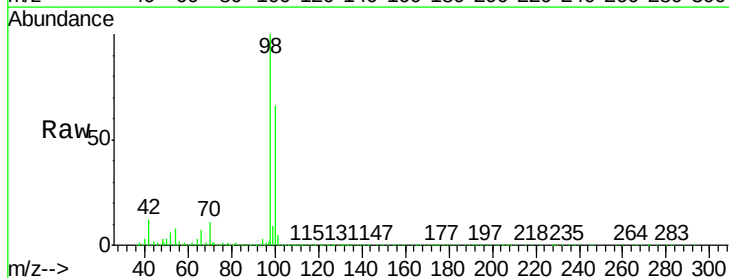
Manual Integrations
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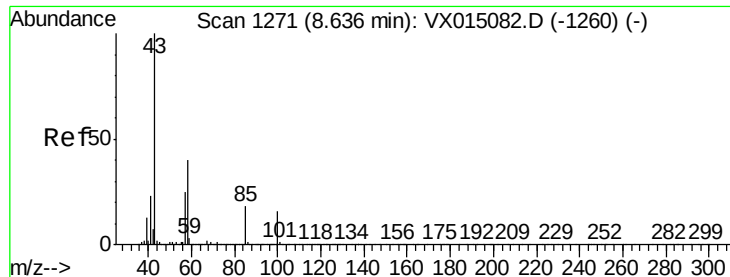
MMDadoda
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#50
Toluene-d8
Concen: 49.344 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 4.272 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 20400

Ion Ratio Lower Upper

43 100

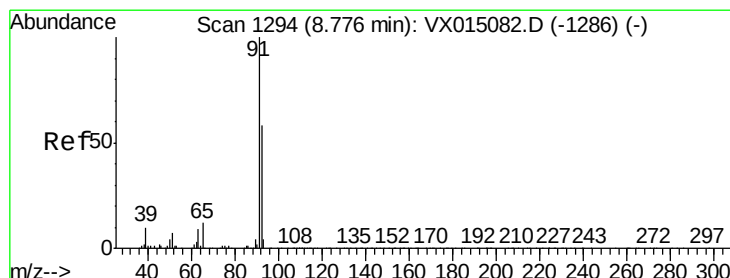
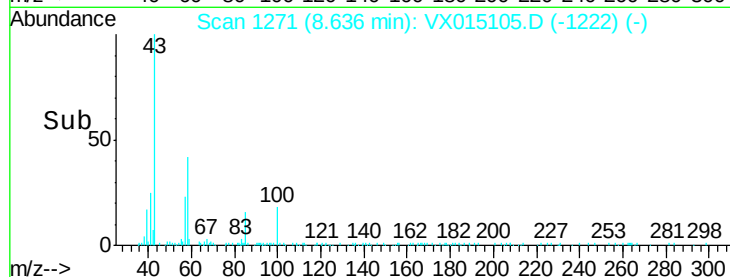
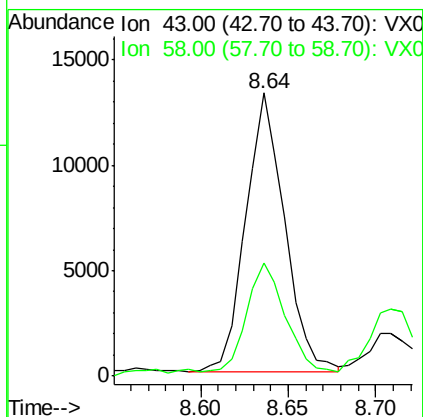
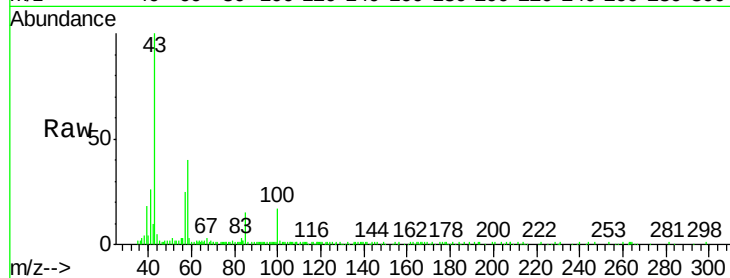
58 41.7 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 1.010 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015105.D

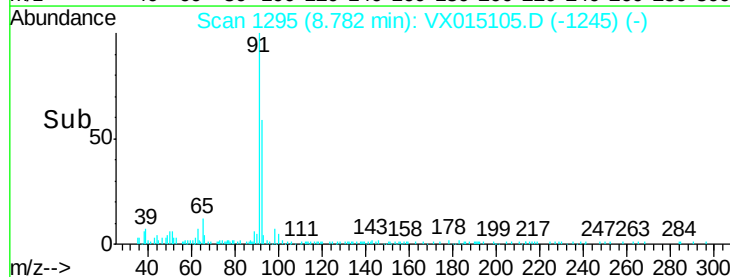
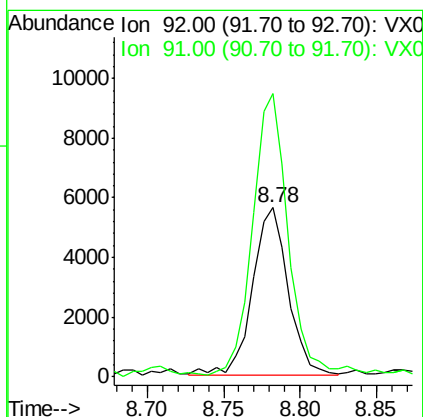
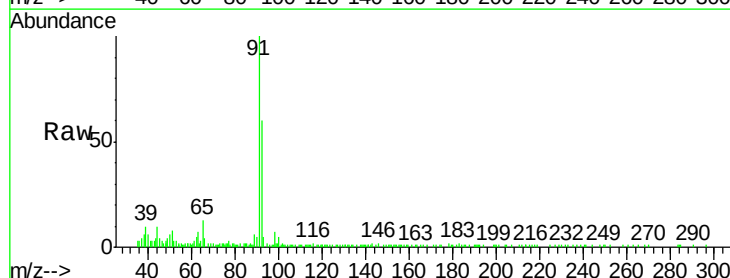
Acq: 05 Mar 2020 12:41

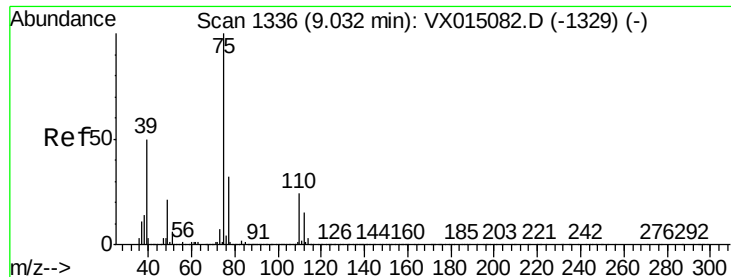
Tgt Ion: 92 Resp: 9065

Ion Ratio Lower Upper

92 100

91 168.7 136.9 205.3





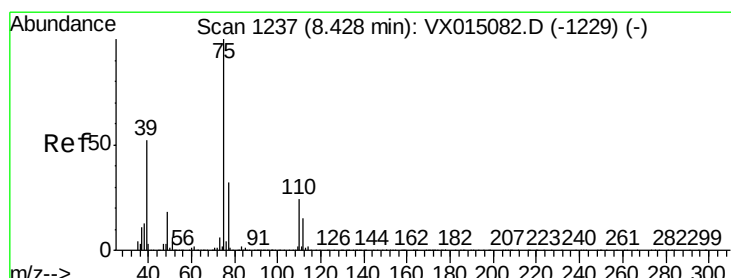
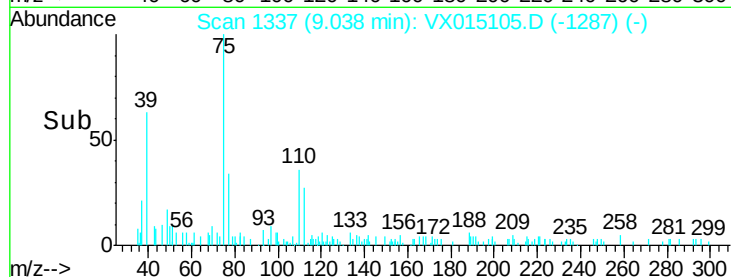
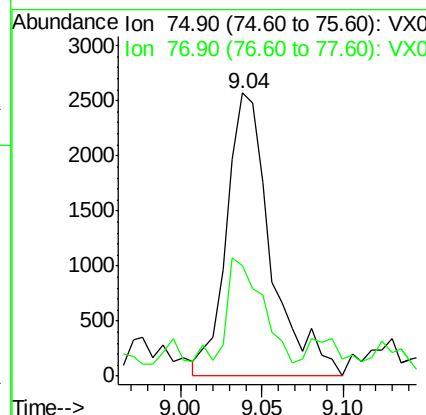
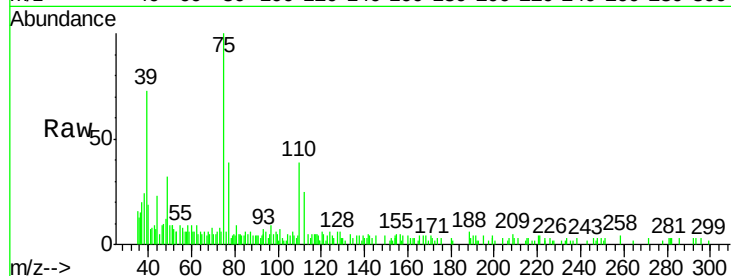
#53
t-1,3-Dichloropropene
Concen: 0.934 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.0

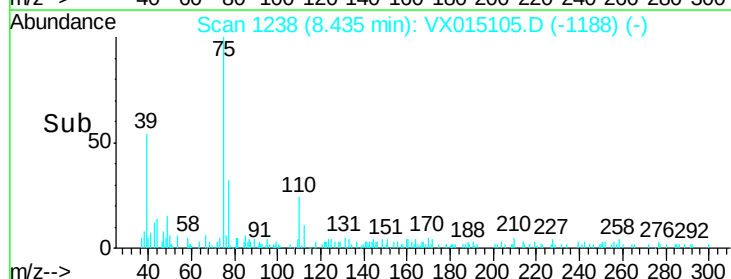
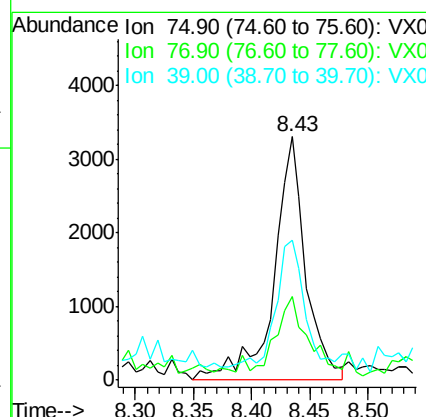
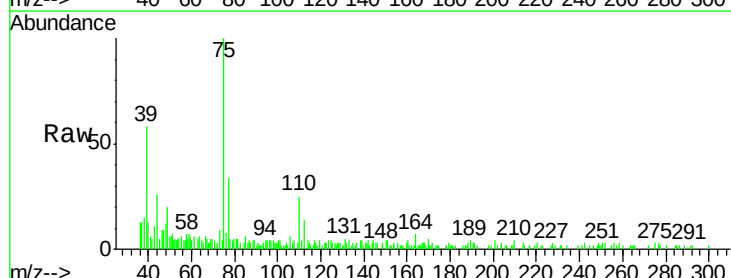
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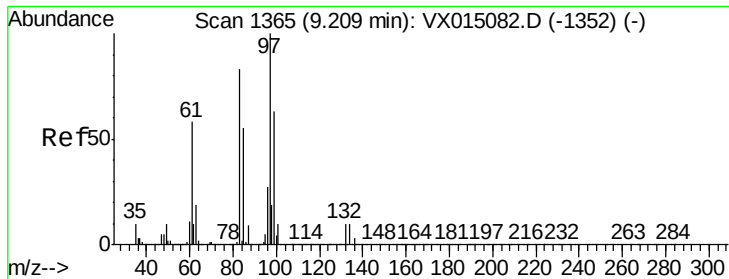
MMDadoda
3/12/2020 2:47:25 PM



#54
cis-1,3-Dichloropropene
Concen: 1.062 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	49.2	41.3	61.9





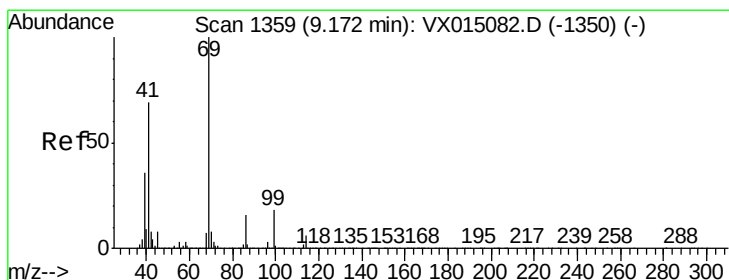
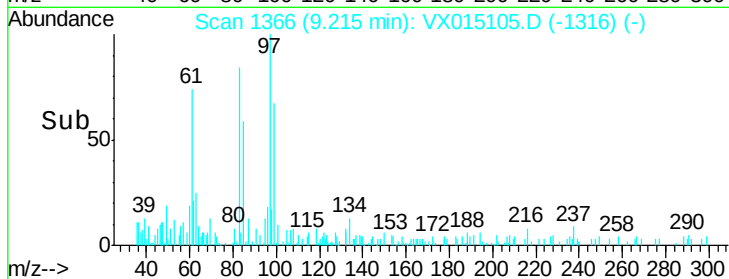
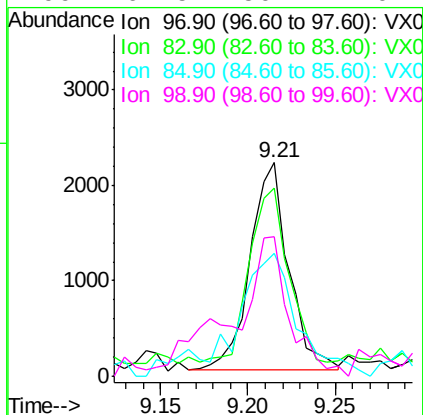
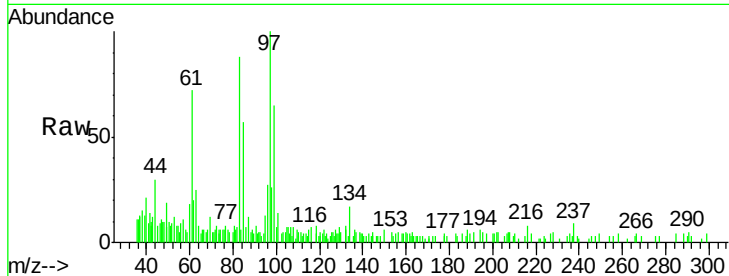
#55
 1,1,2-Trichloroethane
 Concen: 0.910 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion:	97	Resp:	3362
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.4	99.6
85	50.3	43.5	65.3
99	62.5	50.7	76.1

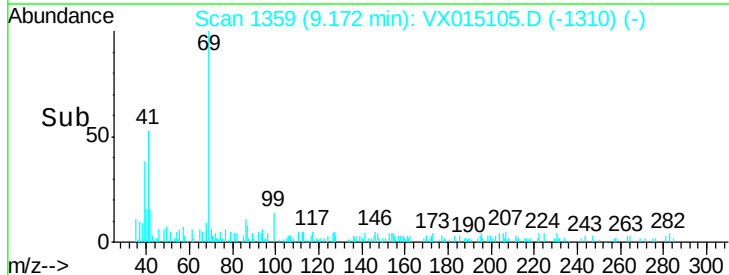
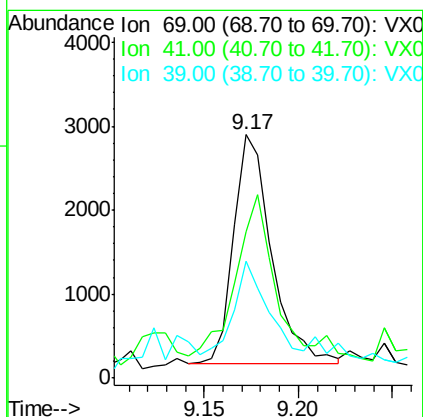
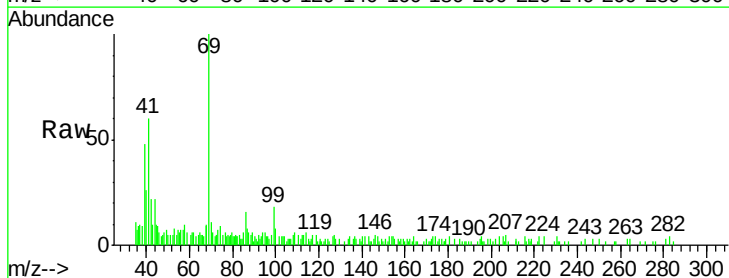
Manual Integrations
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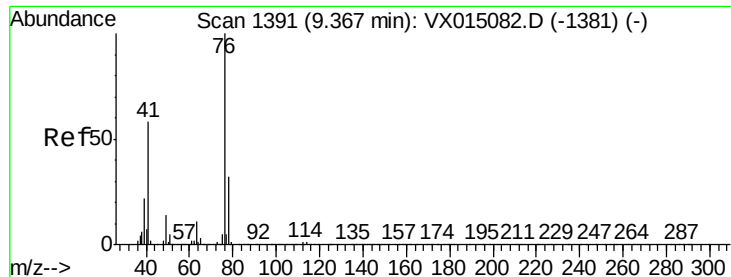
MMDadoda
 3/12/2020 2:47:25 PM



#56
 Ethyl methacrylate
 Concen: 0.721 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Tgt Ion:	69	Resp:	3800
Ion	Ratio	Lower	Upper
69	100		
41	77.6	55.8	83.8
39	36.1	29.4	44.2





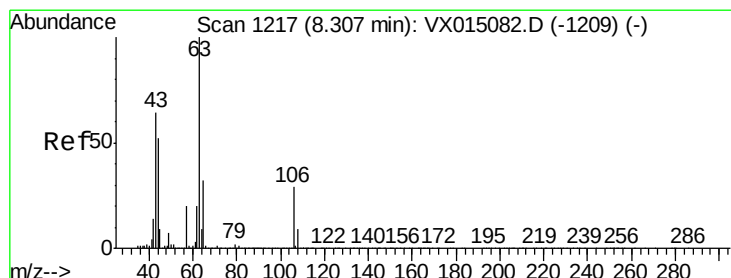
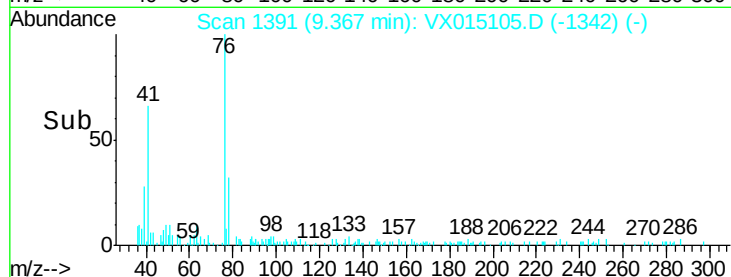
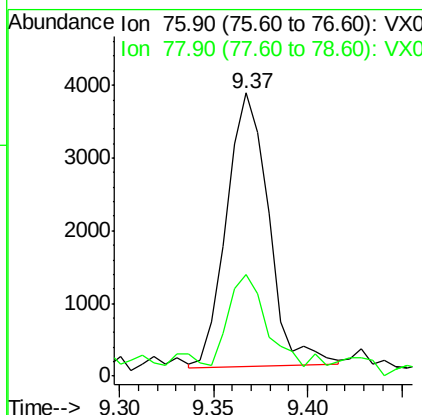
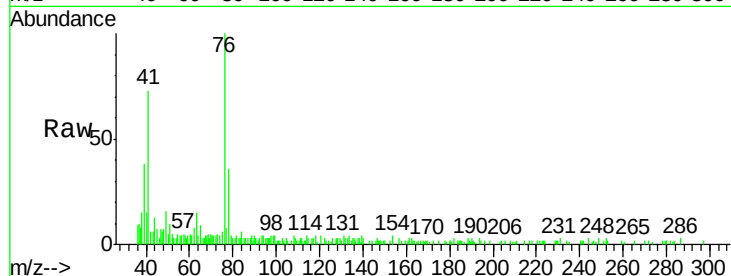
#57
 1,3-Dichloropropane
 Concen: 0.939 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.6	38.4

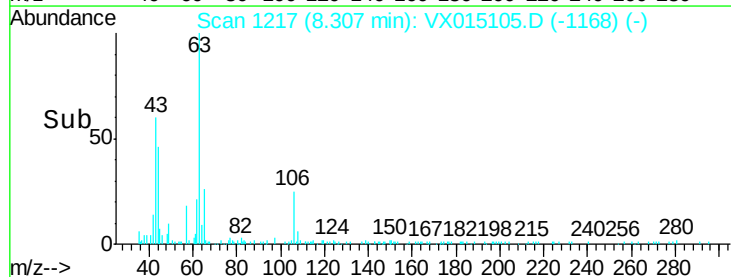
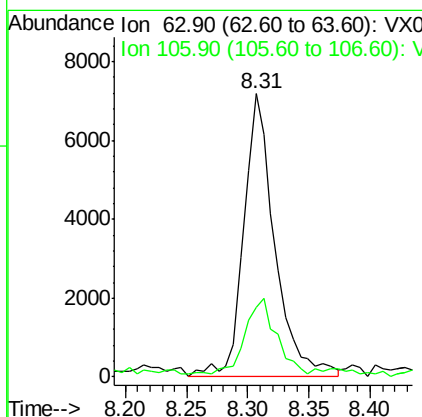
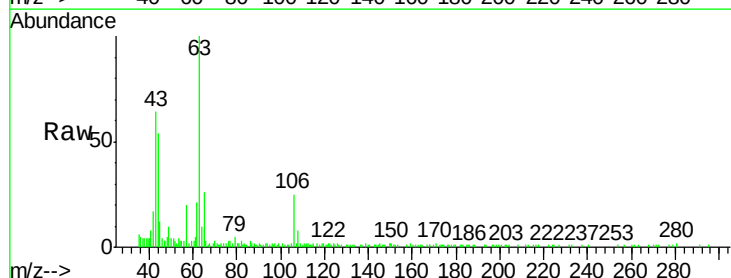
Manual Integrations
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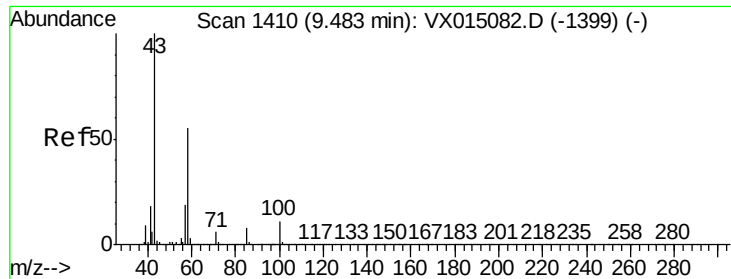
MMDadoda
 3/12/2020 2:47:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.429 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015105.D
 Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.8	34.2





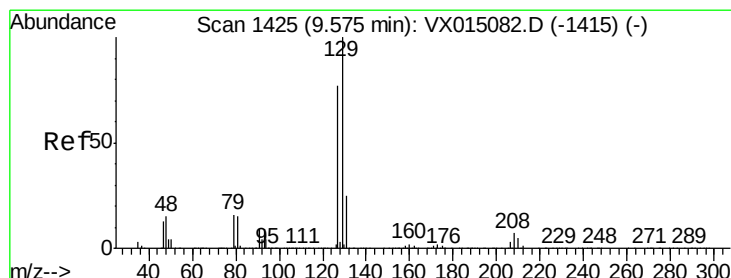
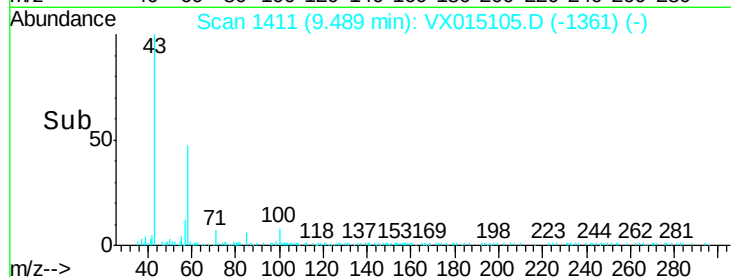
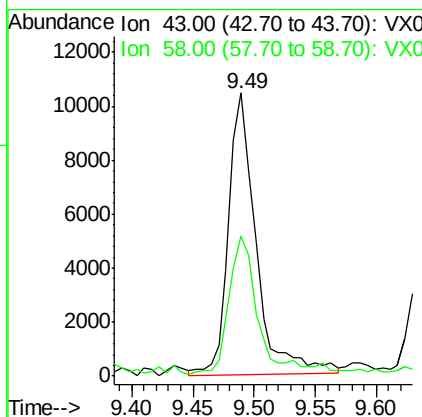
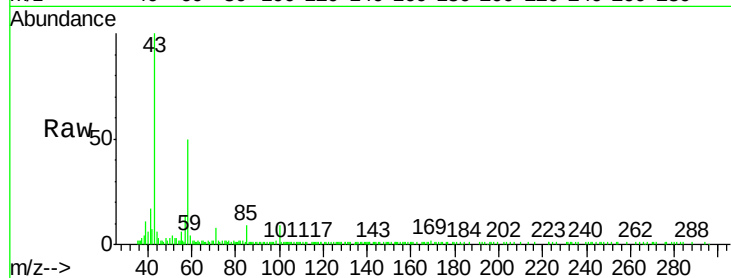
#59
2-Hexanone
Concen: 4.643 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 16435
Ion Ratio Lower Upper
43 100
58 49.7 27.3 81.8

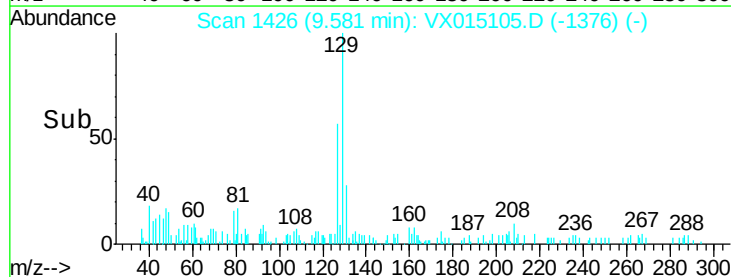
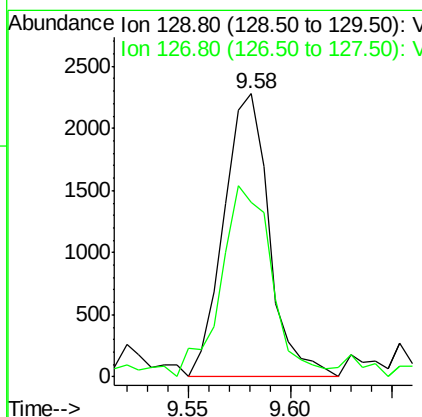
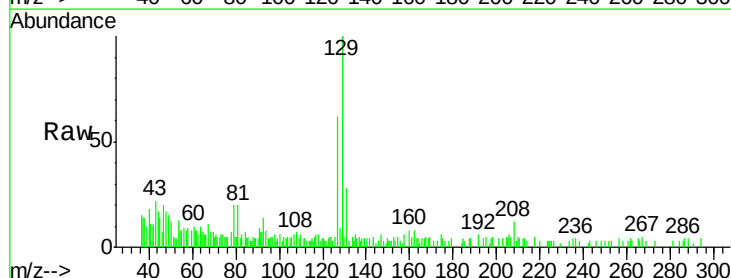
Manual Integrations
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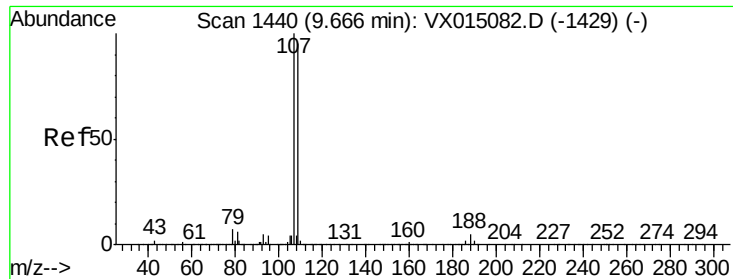
MMDadoda
3/12/2020 2:47:25 PM



#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion: 129 Resp: 3524
Ion Ratio Lower Upper
129 100
127 67.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 1.106 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 107 Resp: 4293

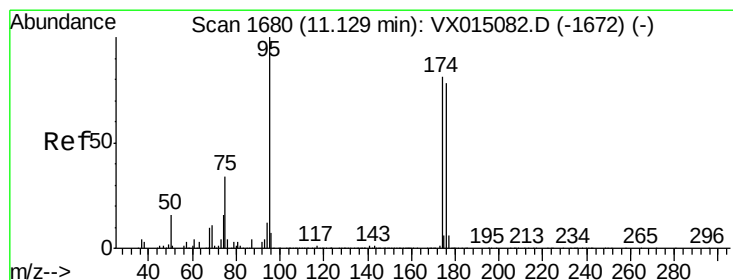
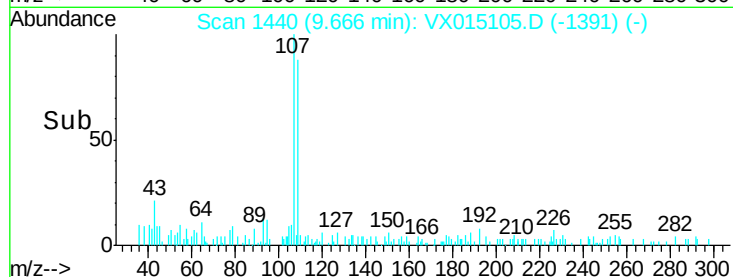
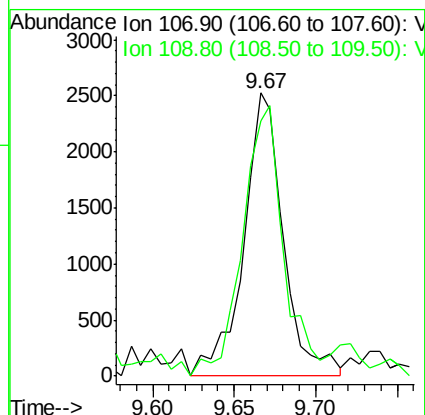
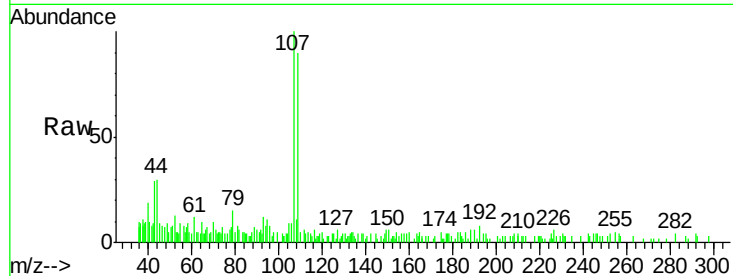
Ion Ratio Lower Upper

107 100

109 97.5 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.023 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

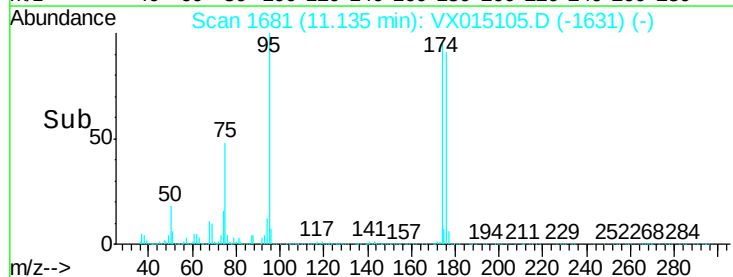
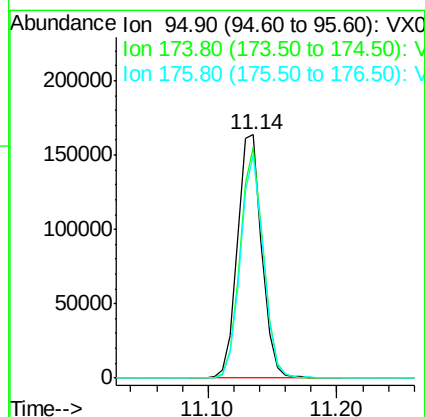
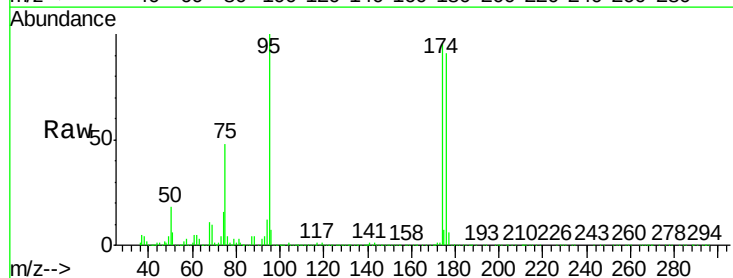
Tgt Ion: 95 Resp: 215491

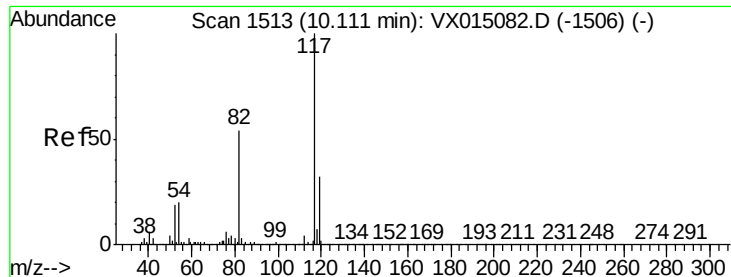
Ion Ratio Lower Upper

95 100

174 90.2 0.0 177.6

176 86.6 0.0 170.2





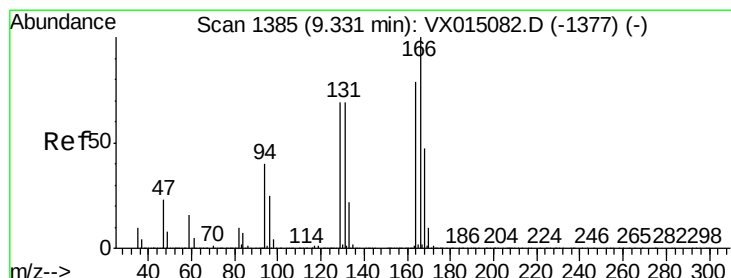
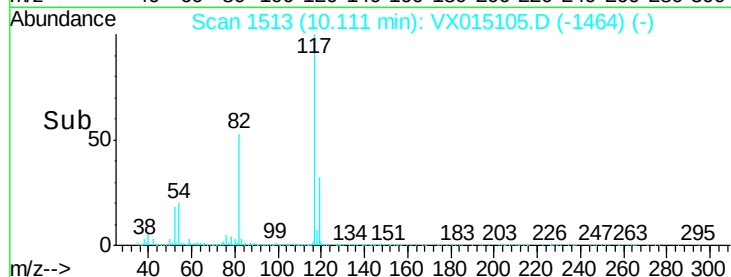
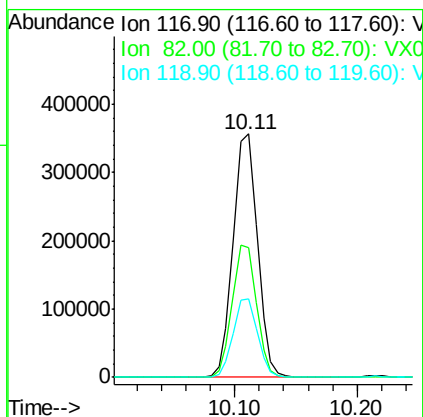
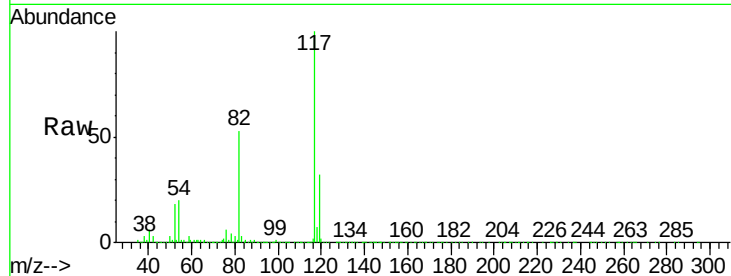
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	489993		
82	53.0		43.3	64.9
119	32.2		25.8	38.8

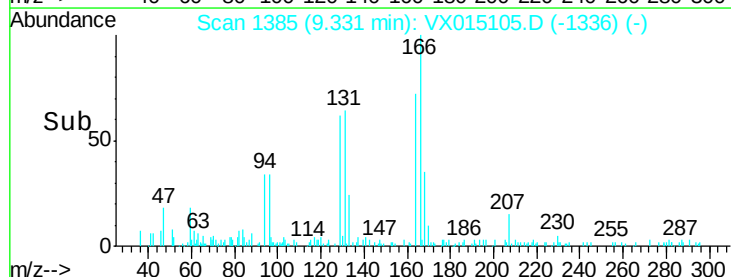
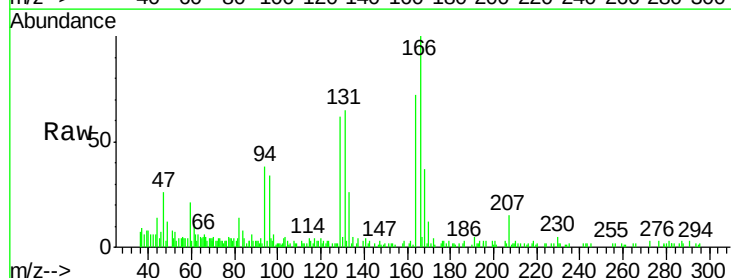
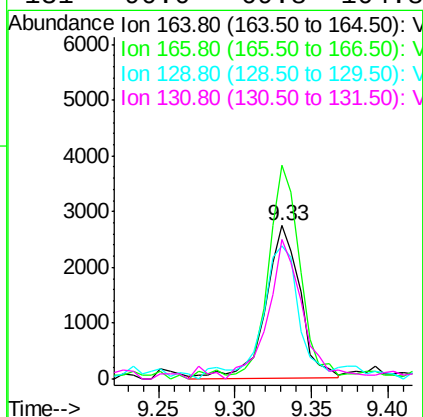
Manual Integrations
APPROVED

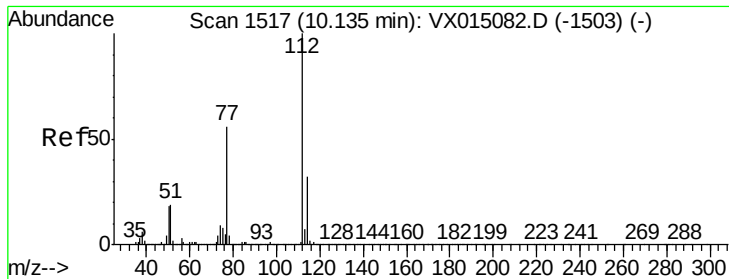
MMDadoda
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#64
Tetrachloroethene
Concen: 1.056 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4279		
166	139.2		101.1	151.7
129	85.0		69.4	104.0
131	90.0		69.8	104.8





#65

Chlorobenzene

Concen: 1.043 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:112 Resp: 10259

Ion Ratio Lower Upper

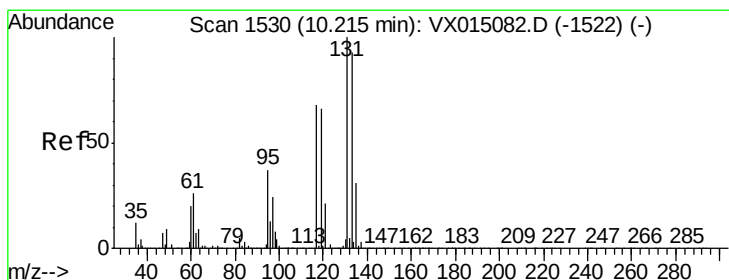
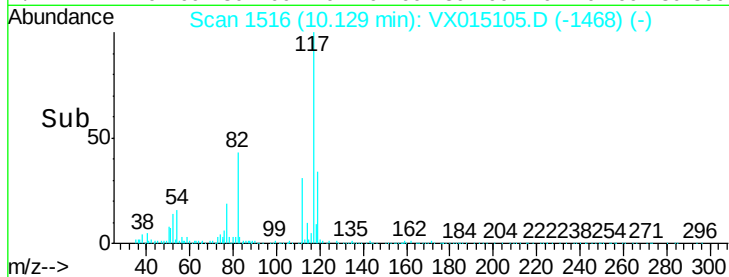
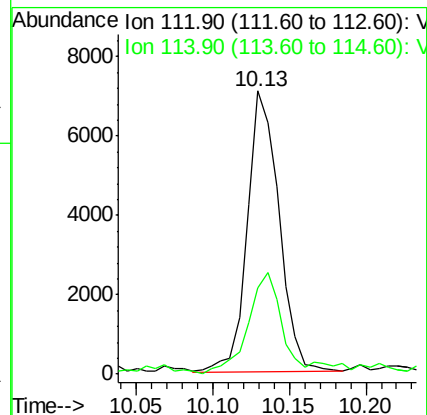
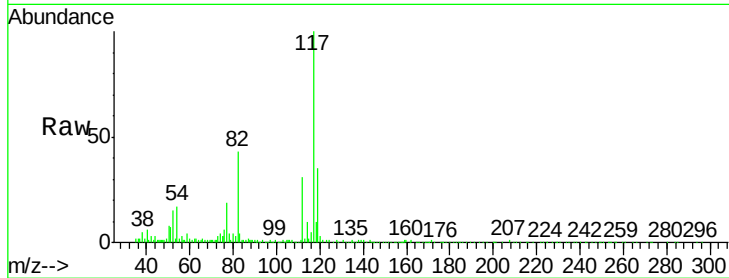
112 100

114 29.6 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 0.908 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

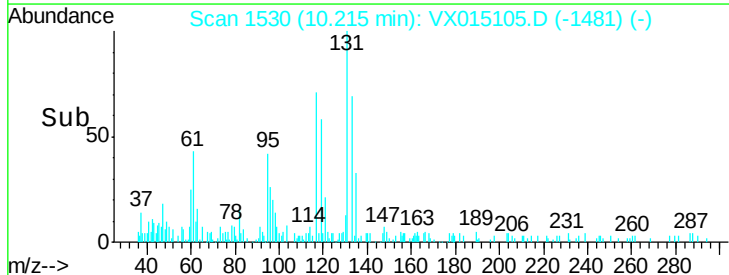
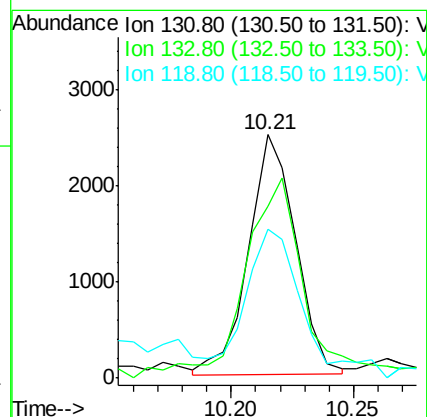
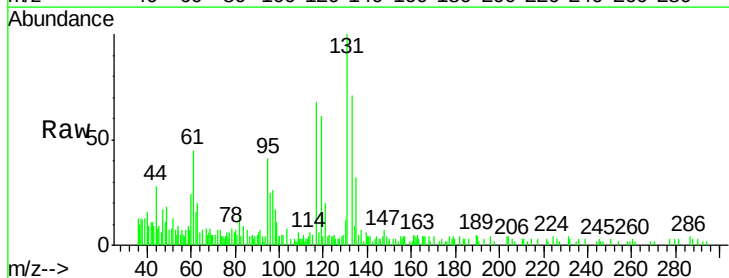
Tgt Ion:131 Resp: 3369

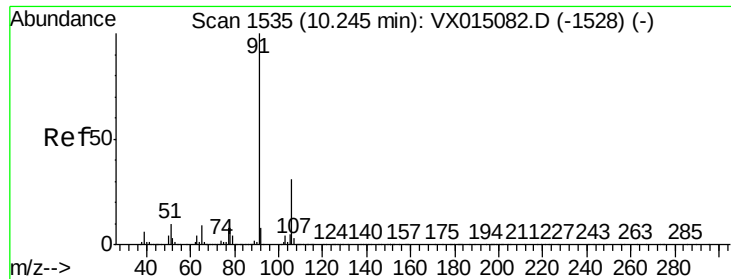
Ion Ratio Lower Upper

131 100

133 106.6 47.5 142.5

119 0.0 33.4 100.1#





#67

Ethyl Benzene

Concen: 0.985 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 16447

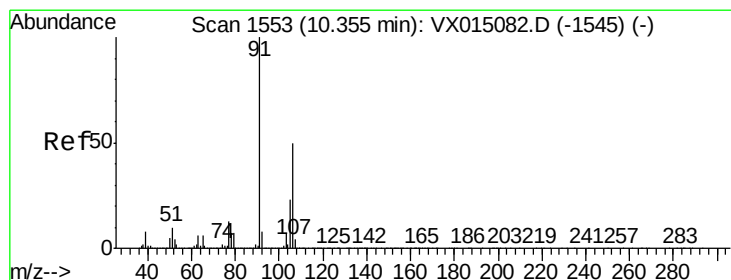
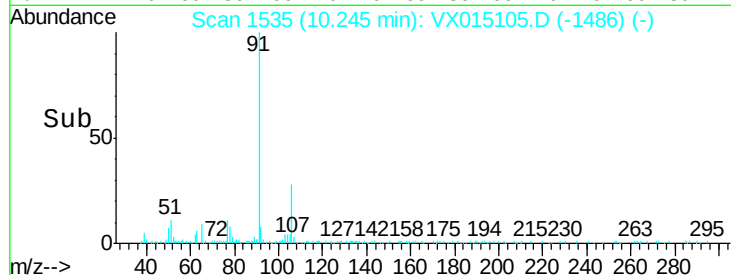
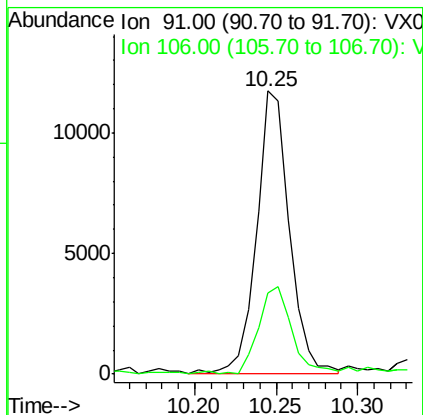
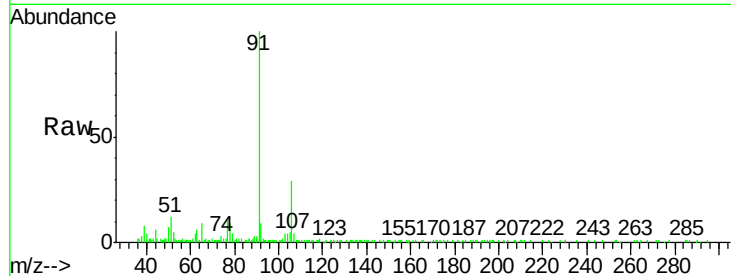
Ion Ratio Lower Upper

91 100

106 28.3 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 1.747 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015105.D

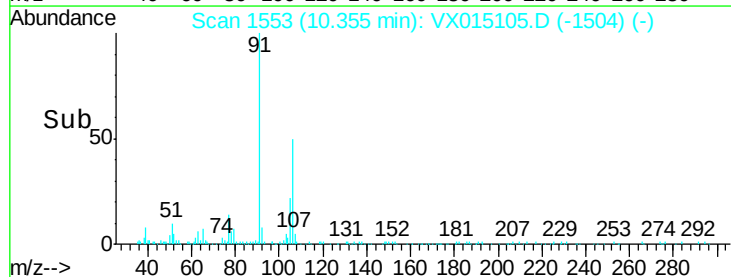
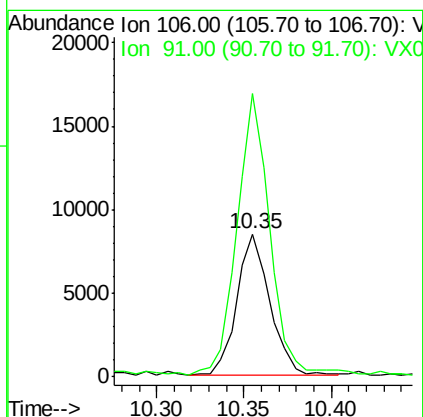
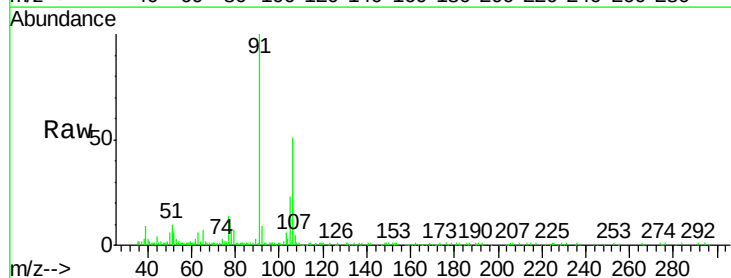
Acq: 05 Mar 2020 12:41

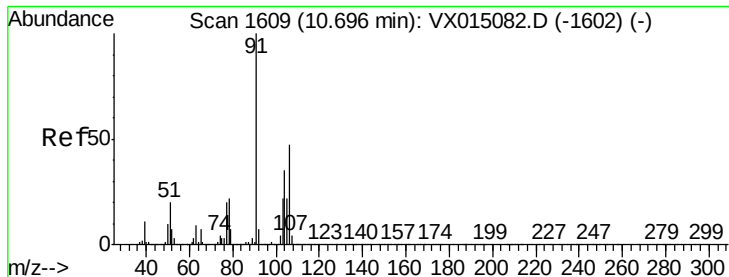
Tgt Ion: 106 Resp: 11103

Ion Ratio Lower Upper

106 100

91 192.5 159.4 239.2





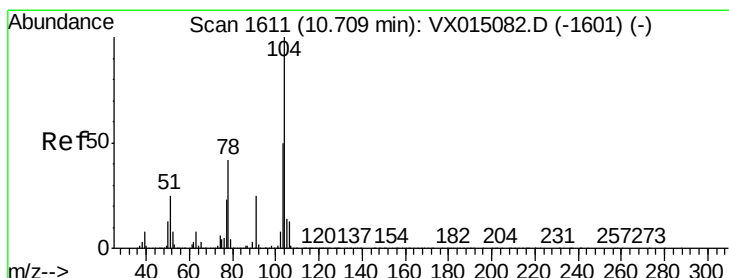
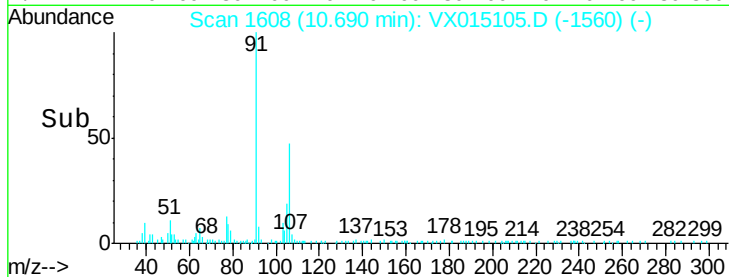
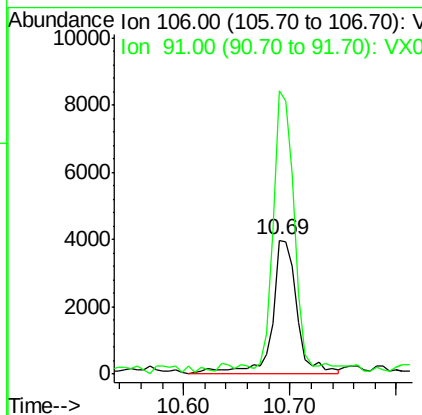
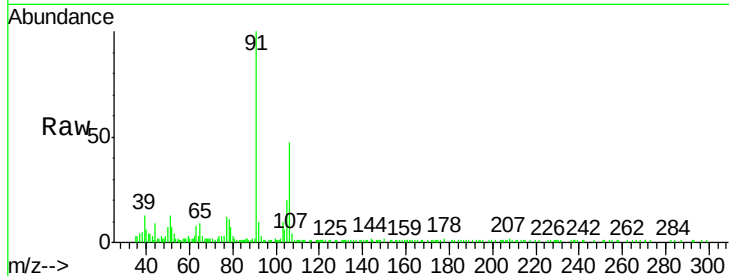
#69
o-Xylene
Concen: 1.079 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
106	100		
91	166.7	105.4	316.1

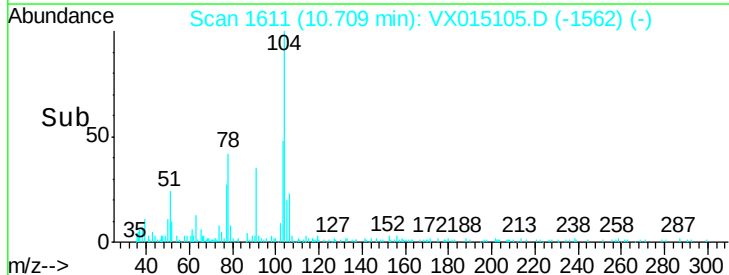
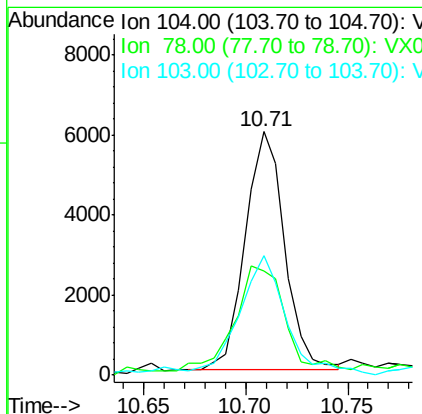
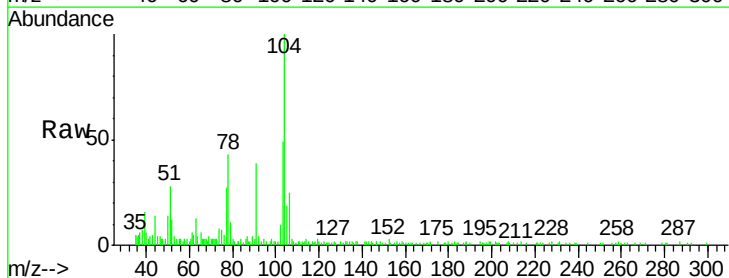
Manual Integrations
APPROVED

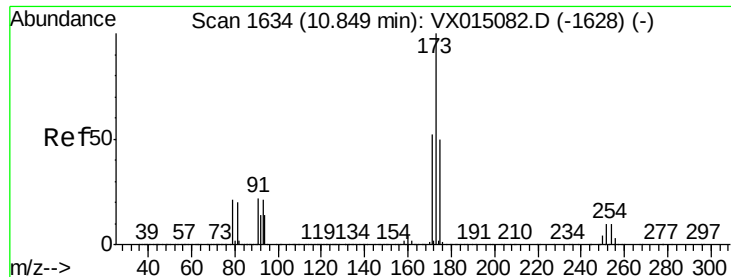
MMDadoda
3/12/2020 2:47:25 PM



#70
Styrene
Concen: 0.766 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.7	39.0	58.4
103	60.2	43.7	65.5





#71

Bromoform

Concen: 0.858 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

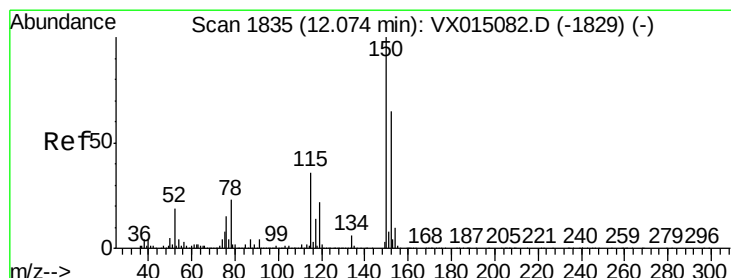
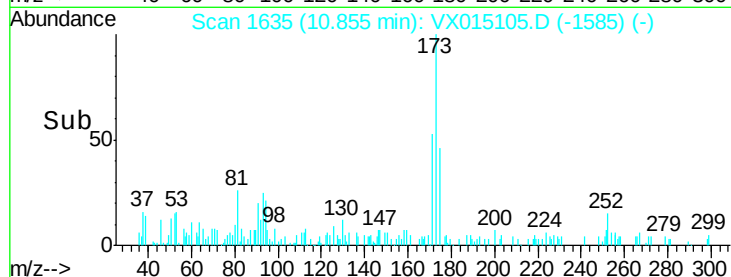
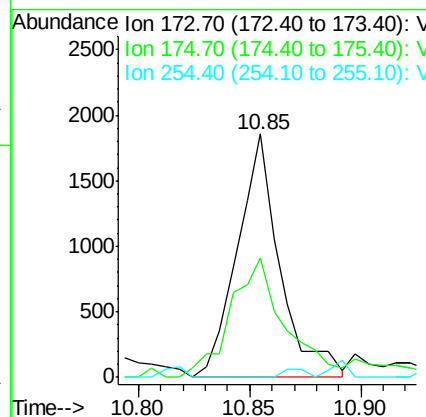
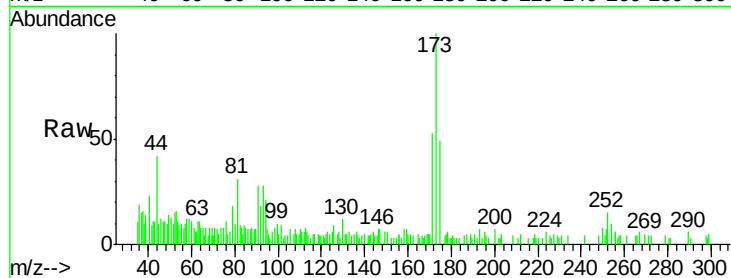
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	173	Resp:	2467
Ion Ratio	Lower	Upper	
173	100		
175	62.3	24.9	74.7
254	1.8	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

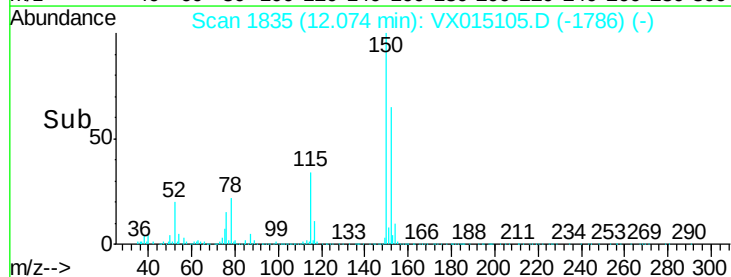
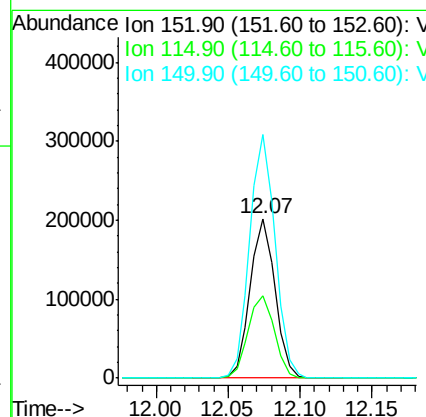
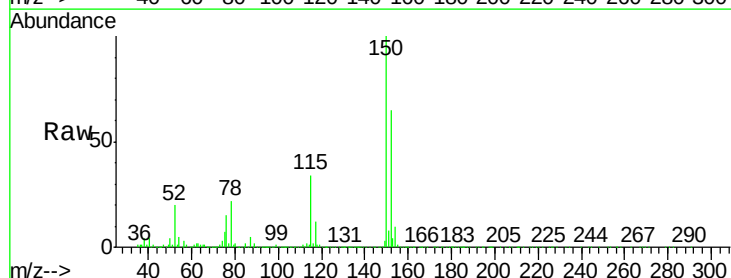
RT: 12.07 min Scan# 1835

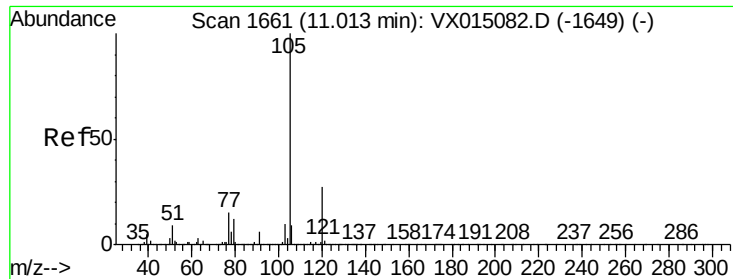
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	152	Resp:	242281
Ion Ratio	Lower	Upper	
152	100		
115	54.2	38.2	114.6
150	155.3	0.0	343.8





#73

Isopropylbenzene

Concen: 0.910 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 14078

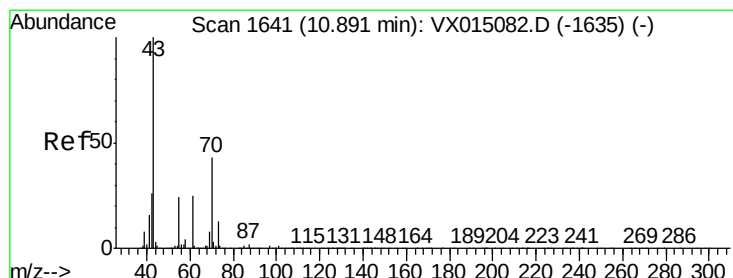
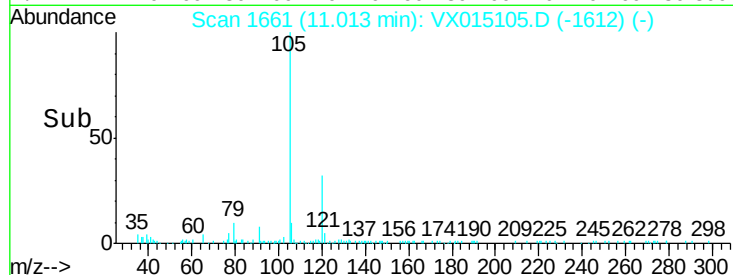
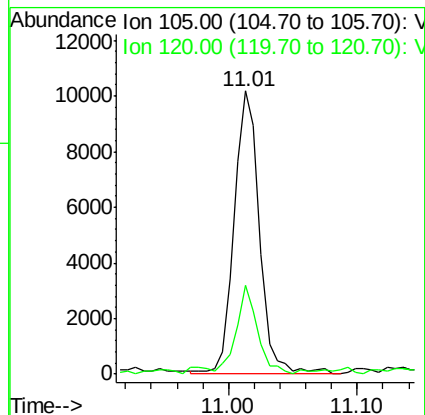
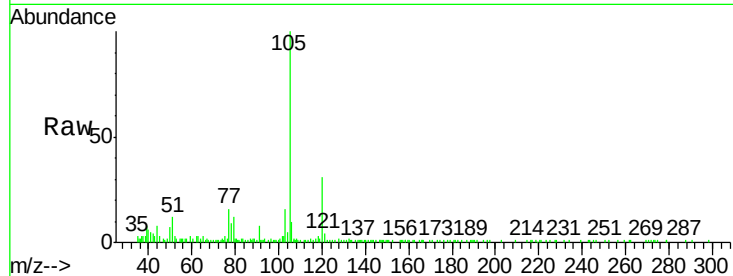
Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 0.985 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion: 43 Resp: 6427

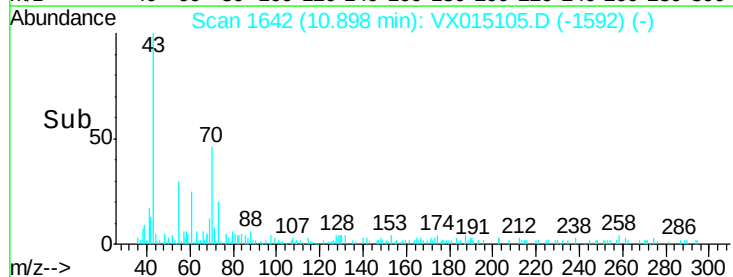
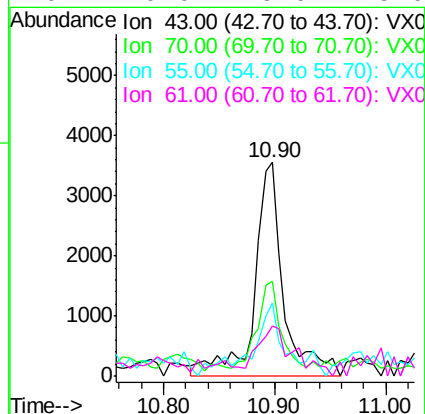
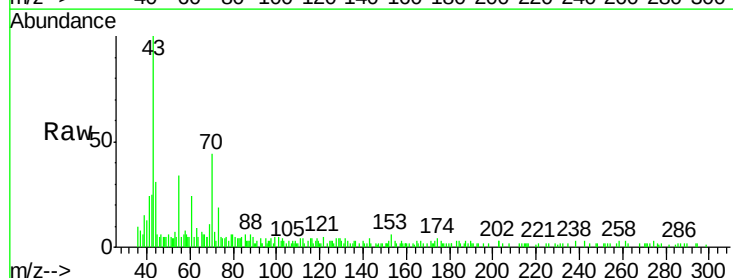
Ion Ratio Lower Upper

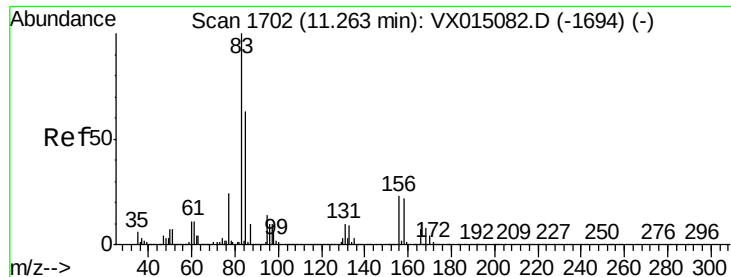
43 100

70 31.6 34.7 52.1#

55 20.5 19.4 29.0

61 29.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.037 ug/l m

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

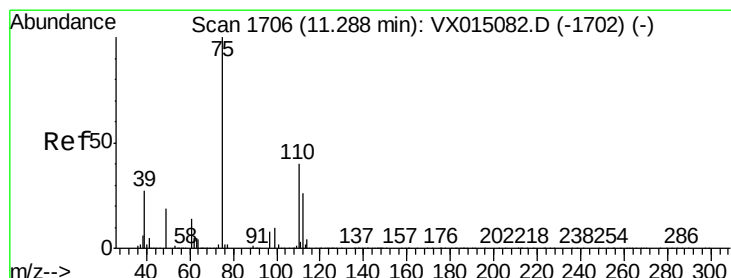
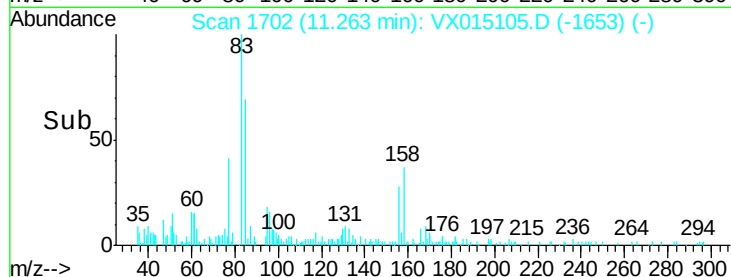
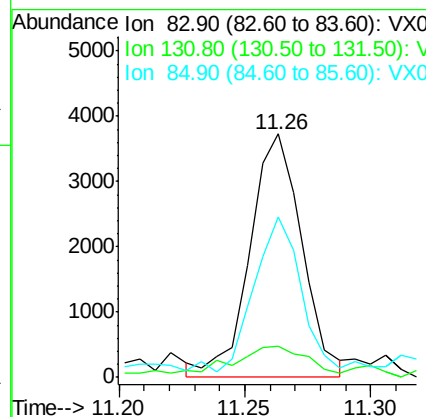
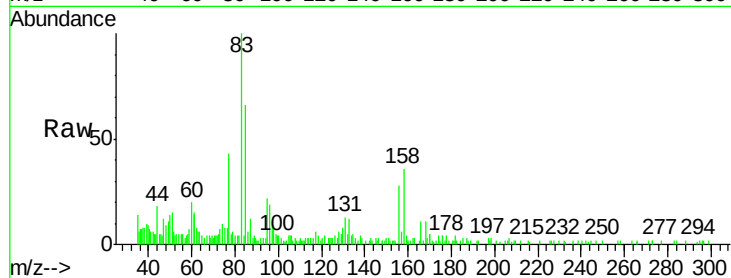
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	83	Resp:	5347
Ion Ratio	Lower	Upper	
83	100		
131	0.8	5.0	14.9#
85	2.2	31.9	95.9#

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.974 ug/l m

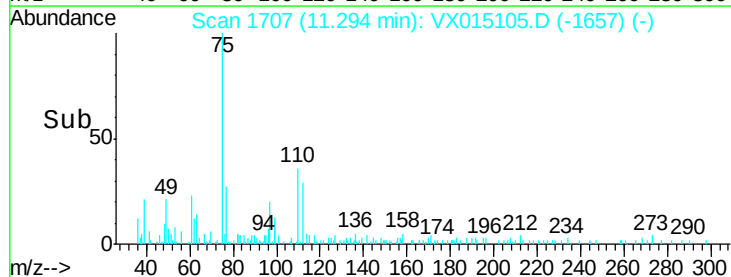
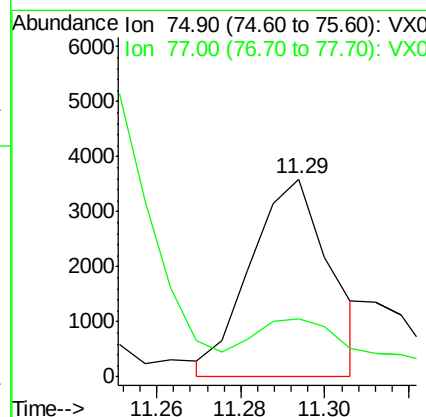
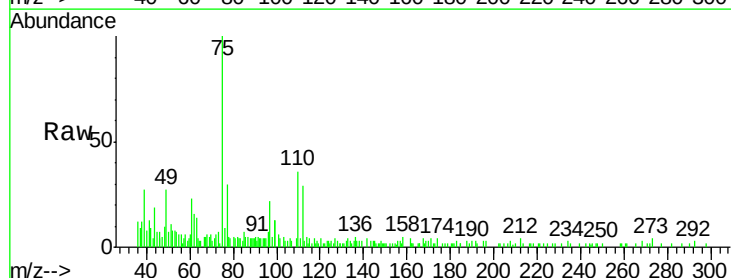
RT: 11.29 min Scan# 1707

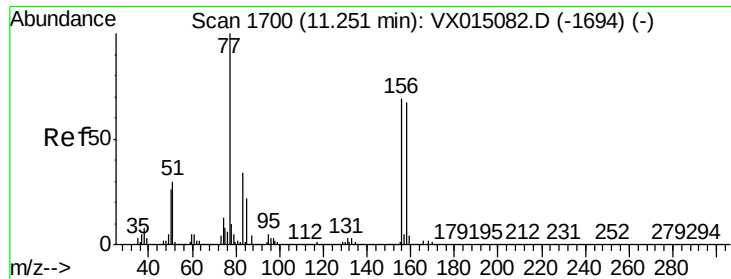
Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	75	Resp:	4709
Ion Ratio	Lower	Upper	
75	100		
77	38.3	22.6	67.8





#77

Bromobenzene

Concen: 1.073 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

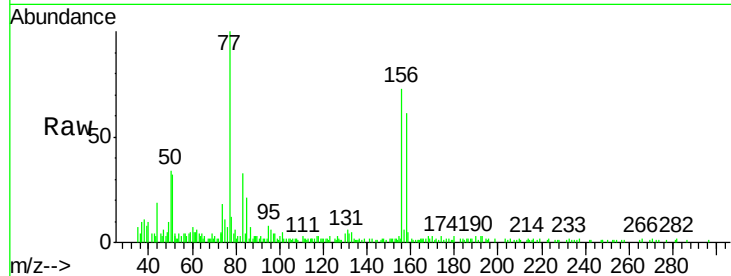
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	156	Resp:	4630
Ion	Ratio	Lower	Upper
156	100		
77	138.0	75.3	225.9
158	105.2	48.5	145.6

Manual Integrations
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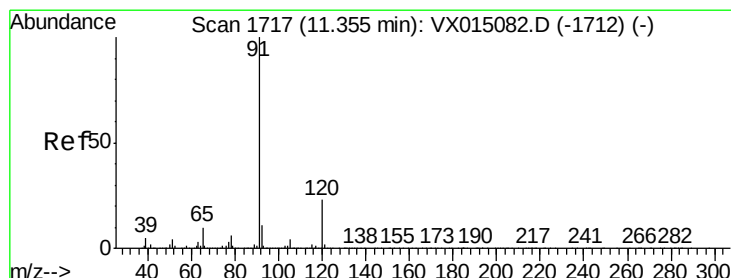
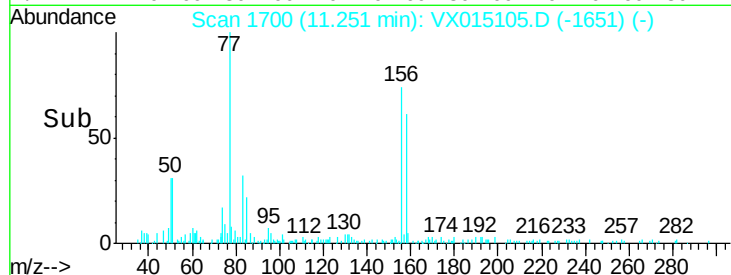
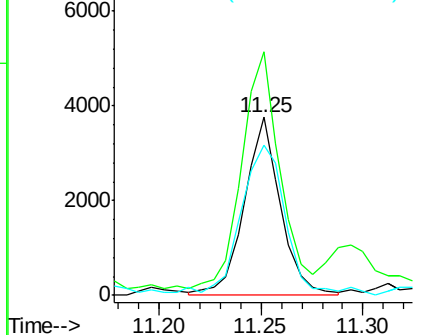
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.976 ug/l

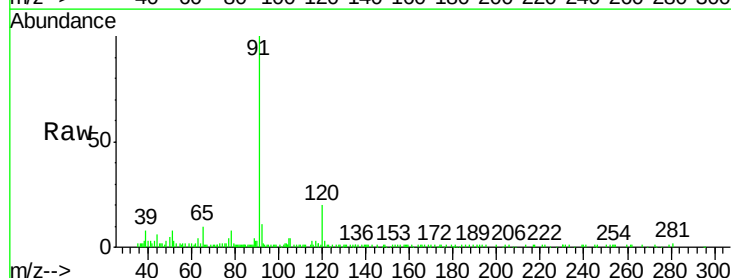
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015105.D

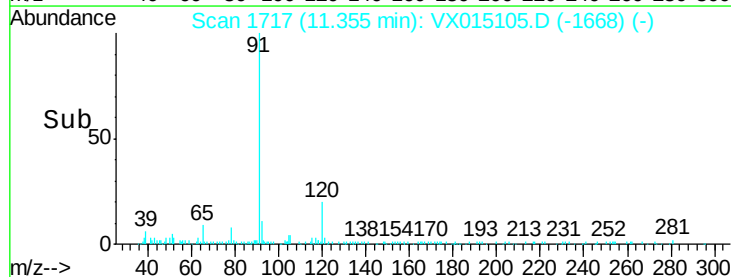
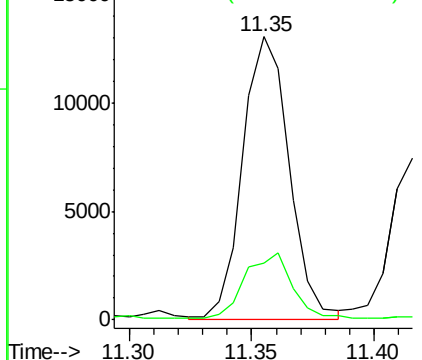
Acq: 05 Mar 2020 12:41

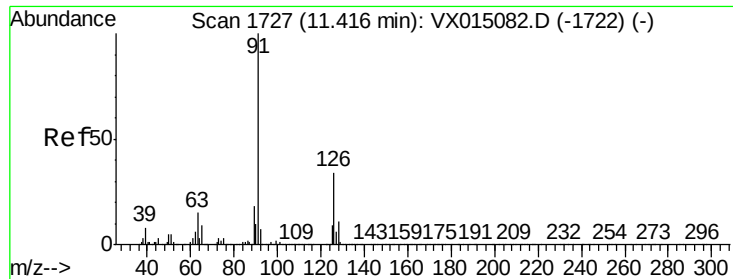
Tgt Ion:	91	Resp:	17261
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.065 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 11244

Ion Ratio Lower Upper

91 100

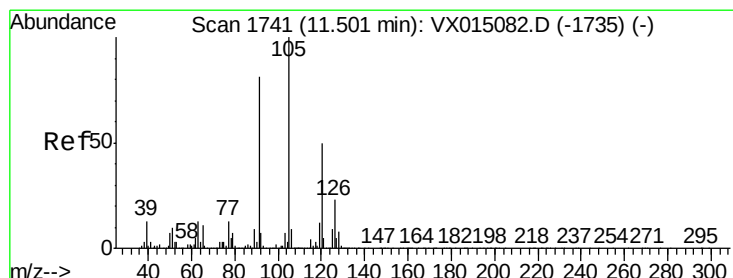
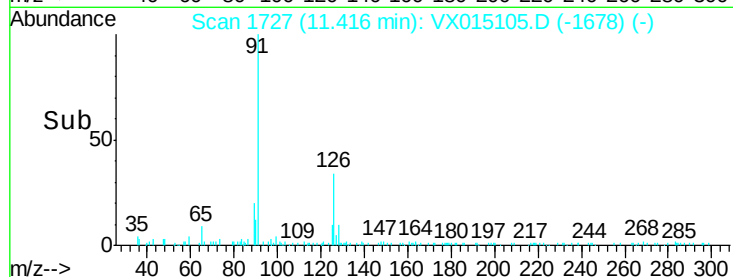
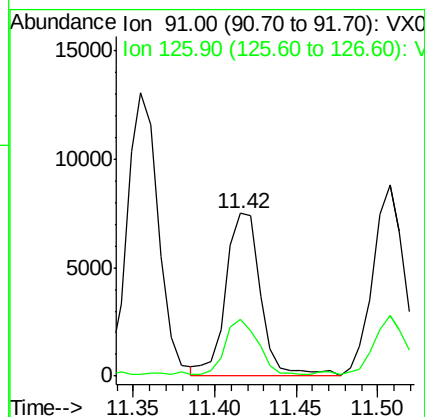
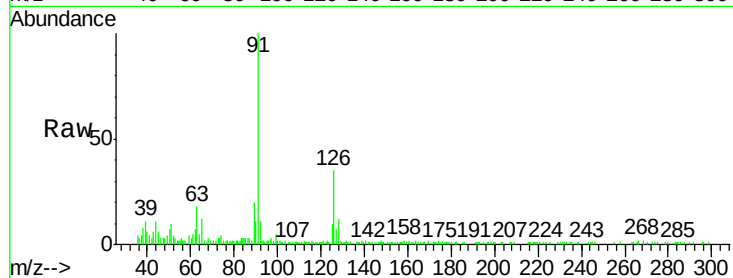
126 32.2 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 0.909 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015105.D

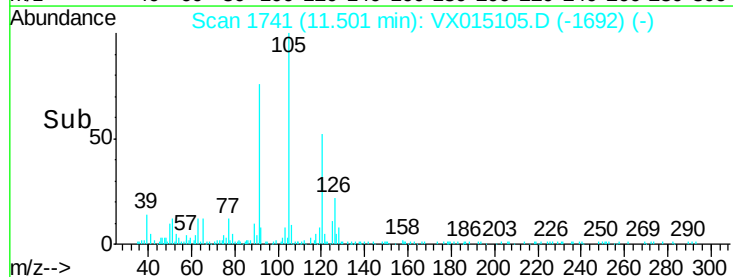
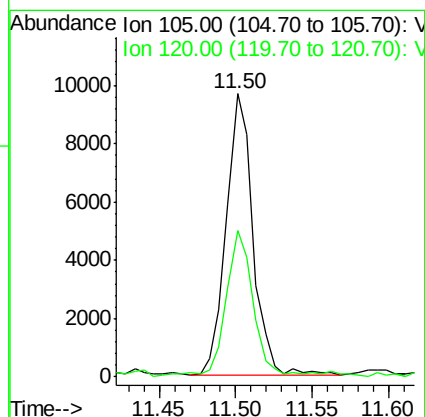
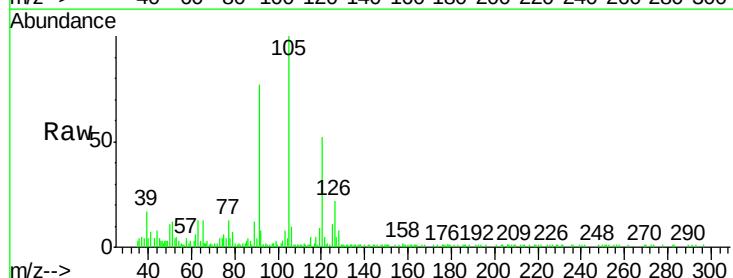
Acq: 05 Mar 2020 12:41

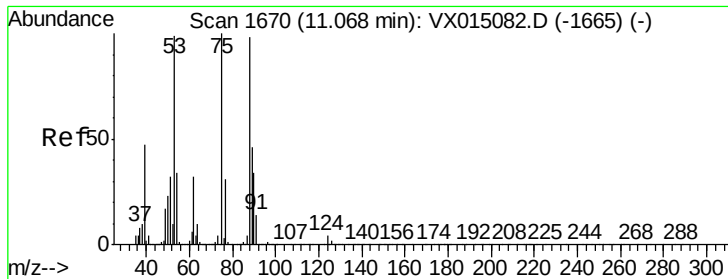
Tgt Ion: 105 Resp: 11708

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.927 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

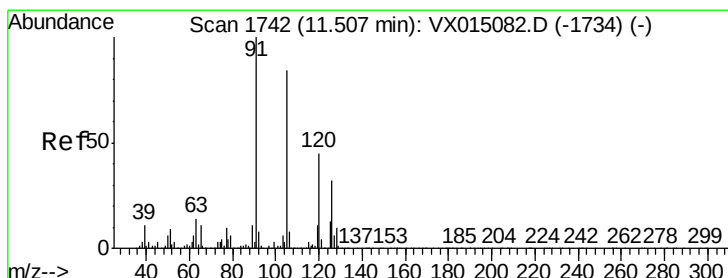
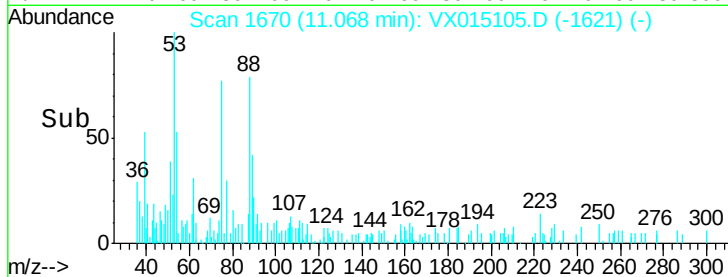
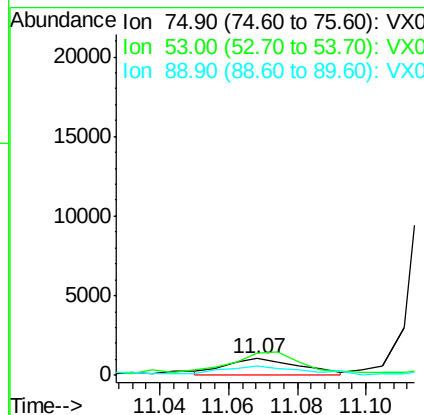
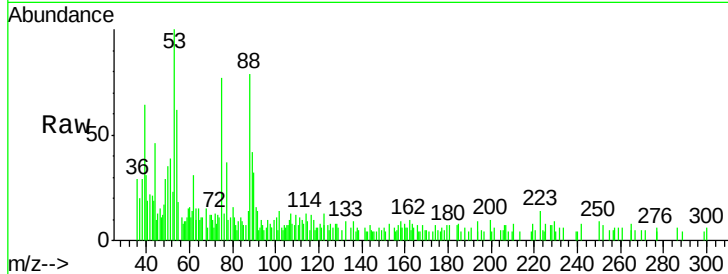
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	75	Resp:	1579
Ion	Ratio	Lower	Upper
75	100		
53	7.3	77.9	116.9#
89	10.1	36.2	54.2#

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#82

4-Chlorotoluene

Concen: 1.000 ug/l

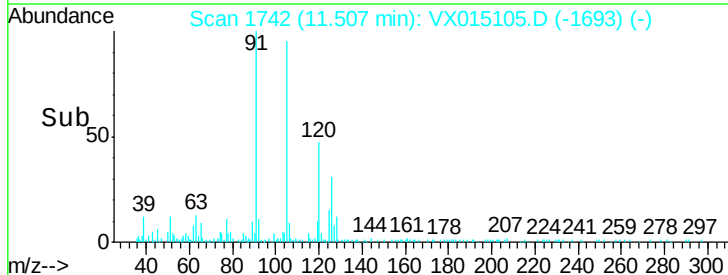
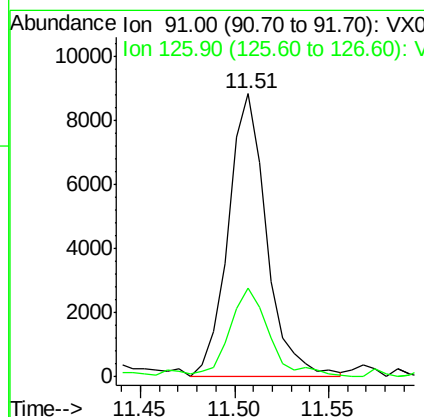
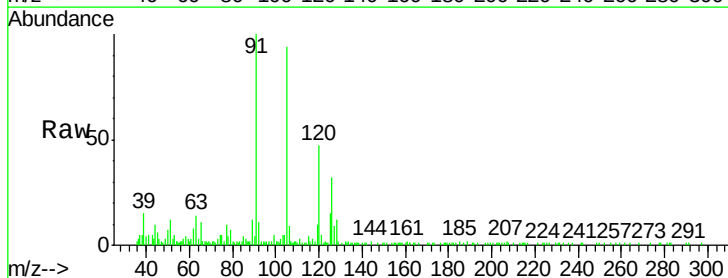
RT: 11.51 min Scan# 1742

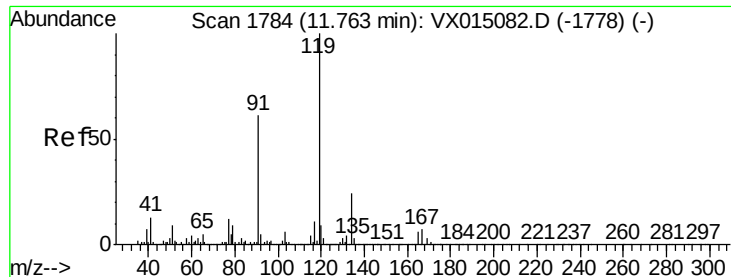
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	91	Resp:	12479
Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.4	46.2





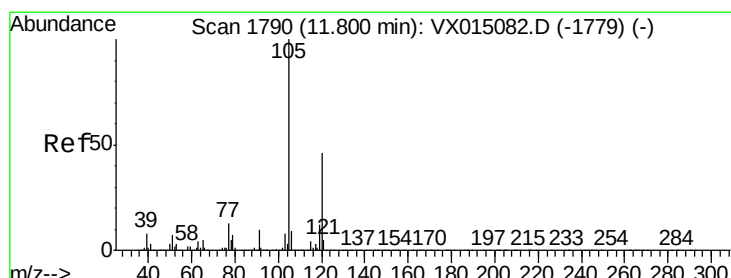
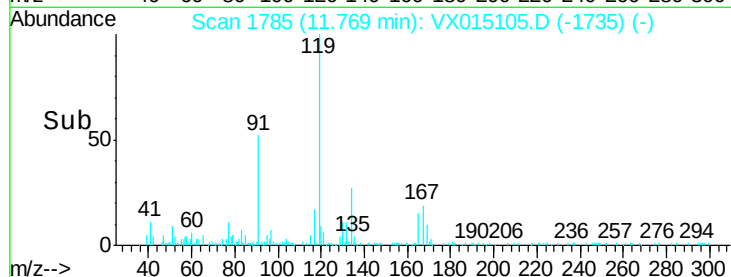
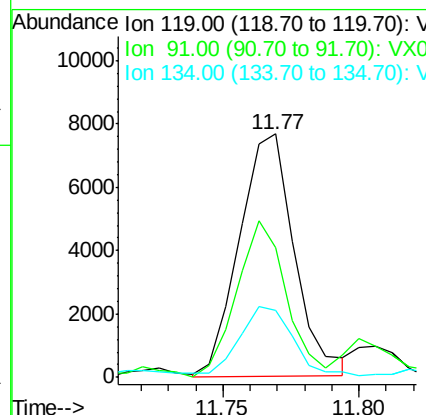
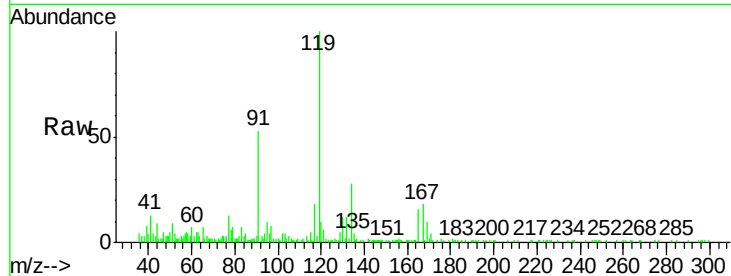
#83
tert-Butylbenzene
Concen: 0.863 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	28.5	85.6
134	27.0	11.9	35.7

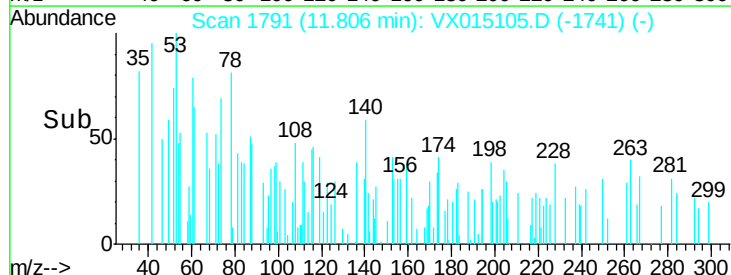
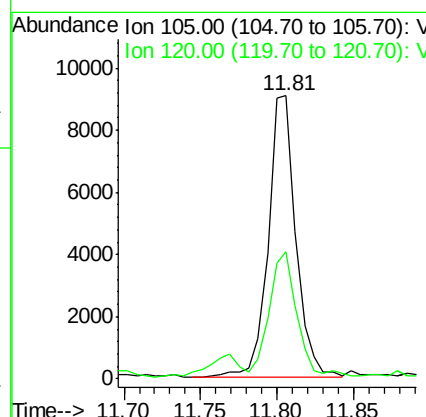
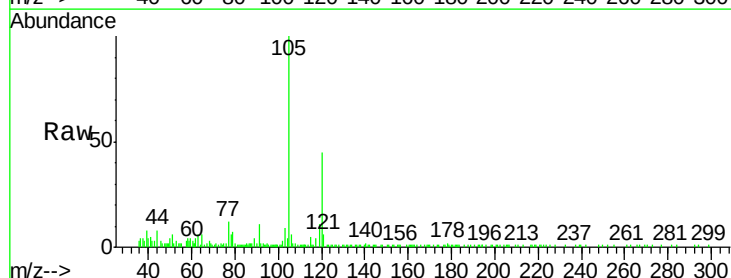
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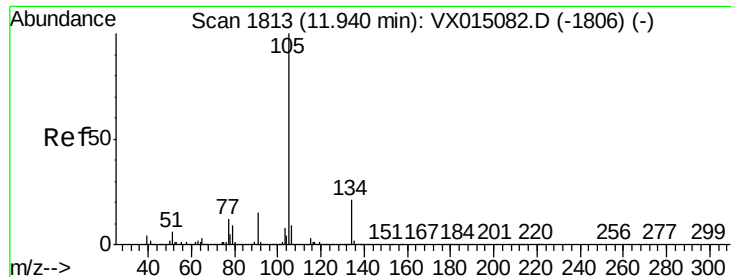
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#84
1,2,4-Trimethylbenzene
Concen: 0.886 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 0.823 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 12371

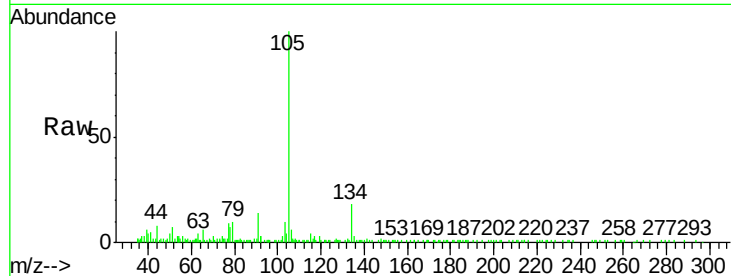
Ion Ratio Lower Upper

105 100

134 22.2 10.4 31.2

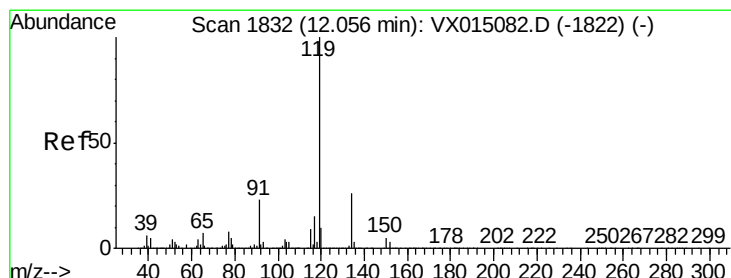
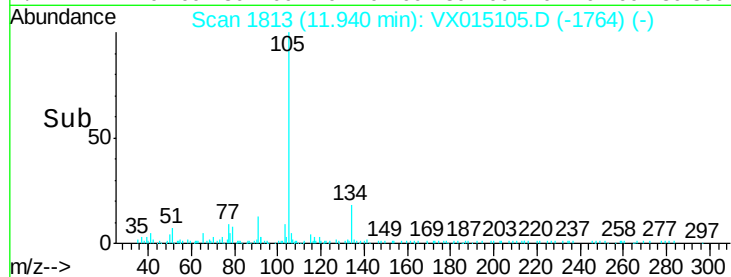
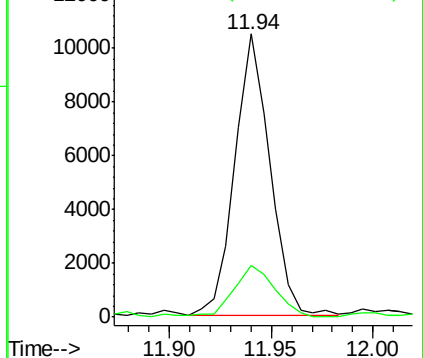
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.828 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

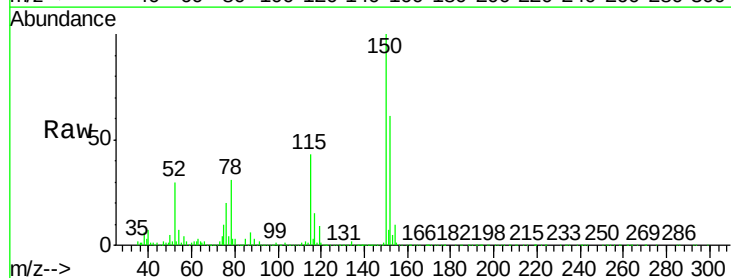
Tgt Ion:119 Resp: 11467

Ion Ratio Lower Upper

119 100

134 32.1 13.4 40.1

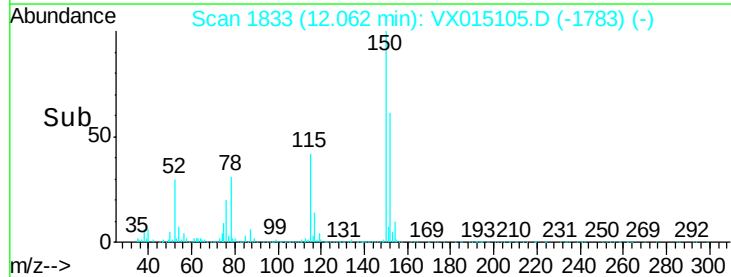
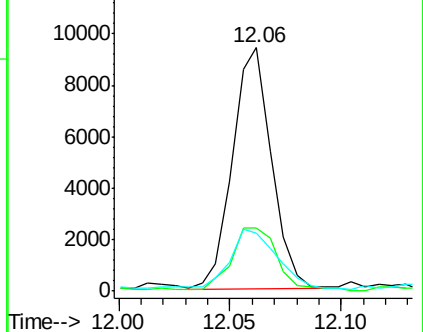
91 32.0 11.3 33.8

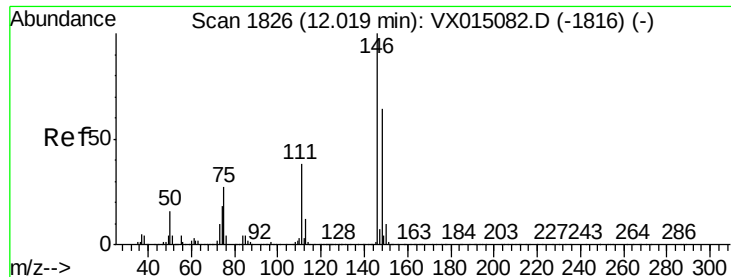


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.065 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

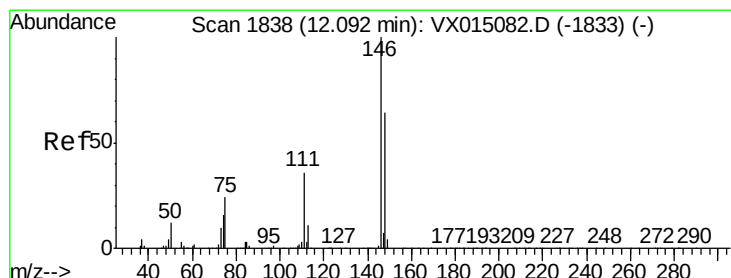
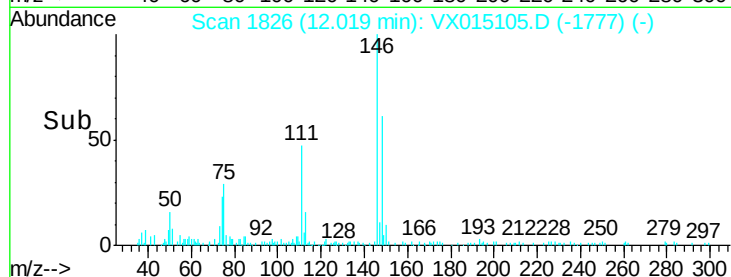
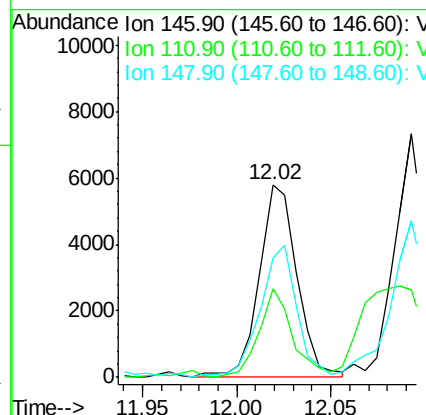
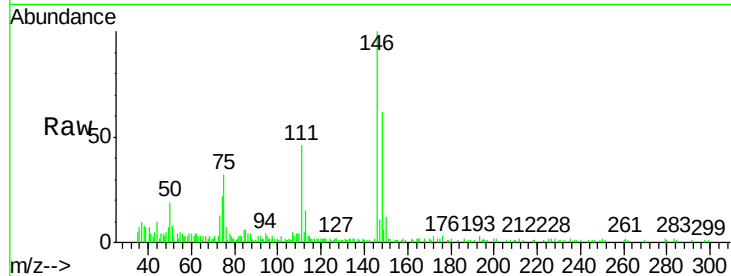
Instrument :
MSVOA_X

ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.1	57.1
148	66.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.089 ug/l m

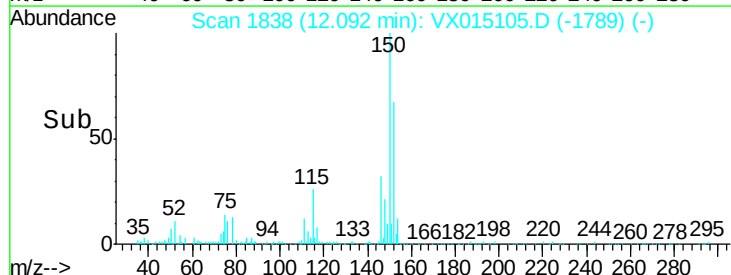
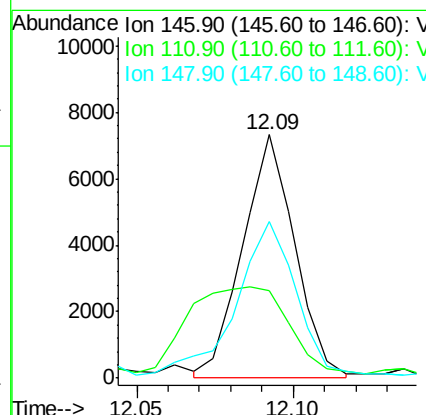
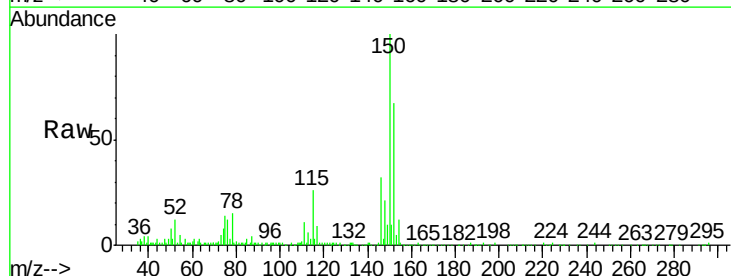
RT: 12.09 min Scan# 1838

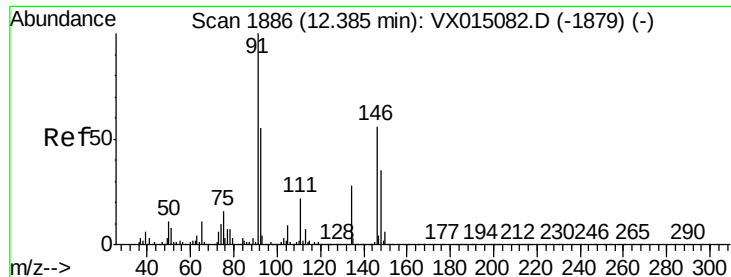
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	63.2	32.5	97.4





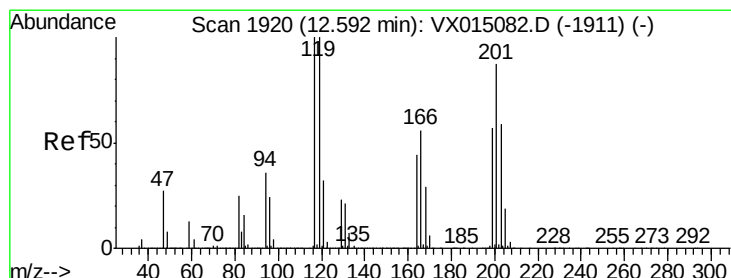
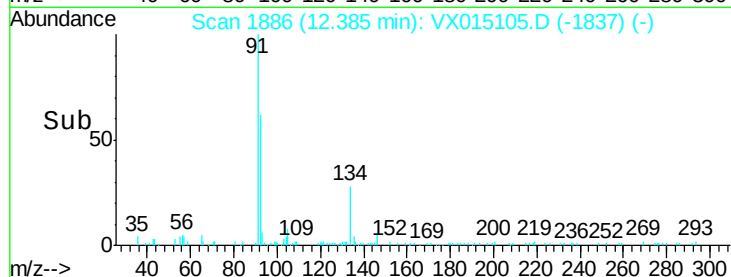
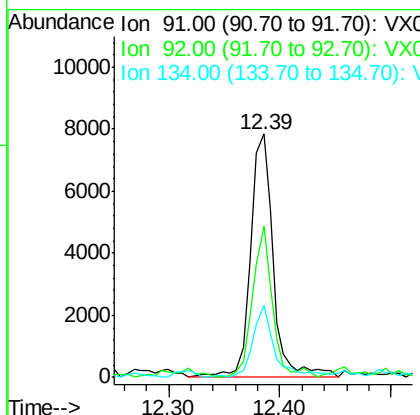
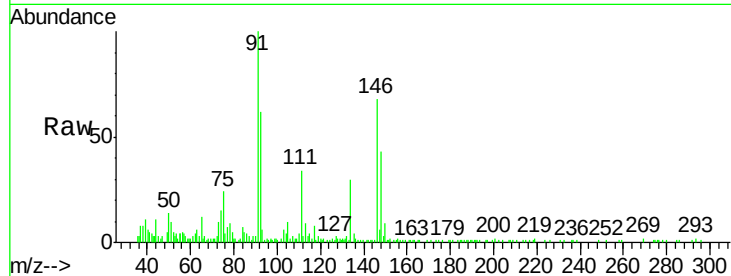
#89
n-Butylbenzene
Concen: 0.905 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	27.0	13.5	40.5

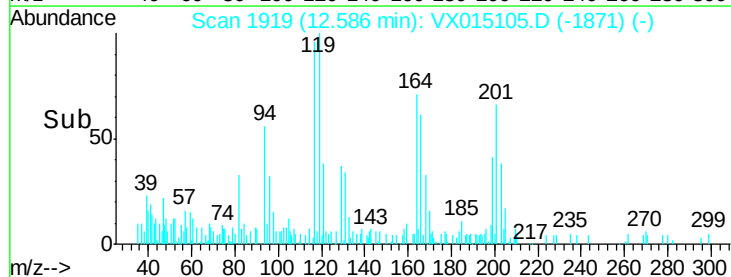
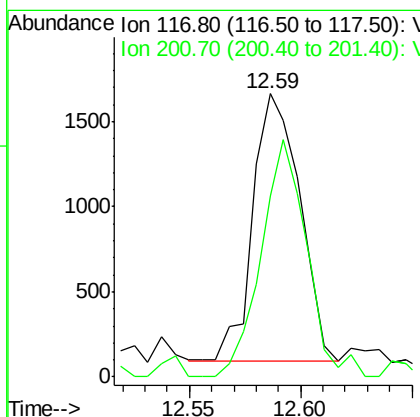
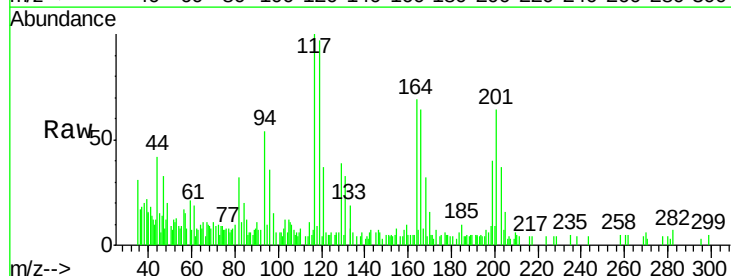
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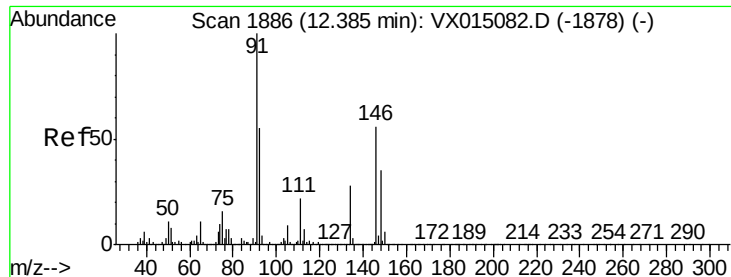
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#90
Hexachloroethane
Concen: 0.879 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 0.984 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

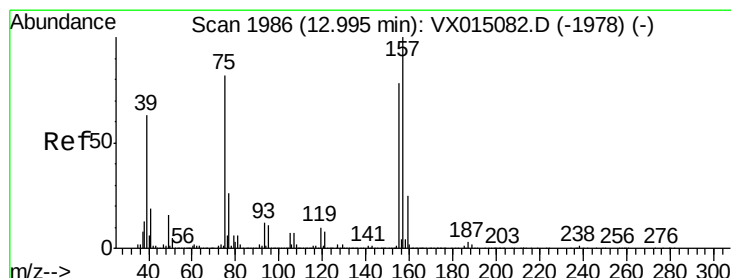
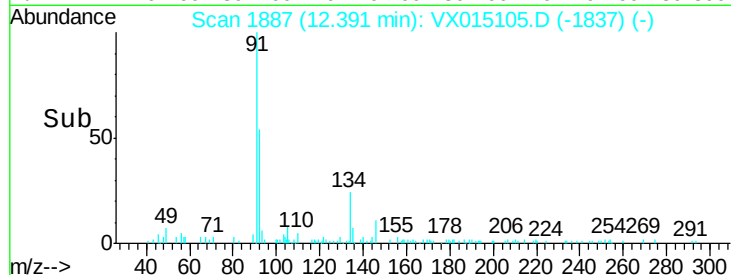
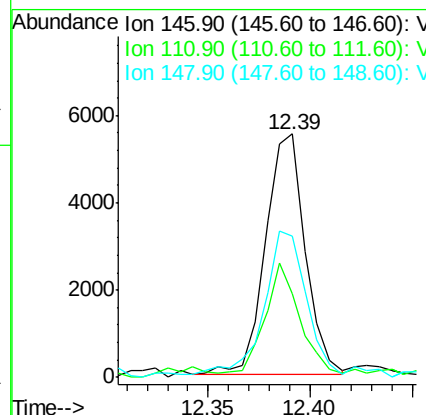
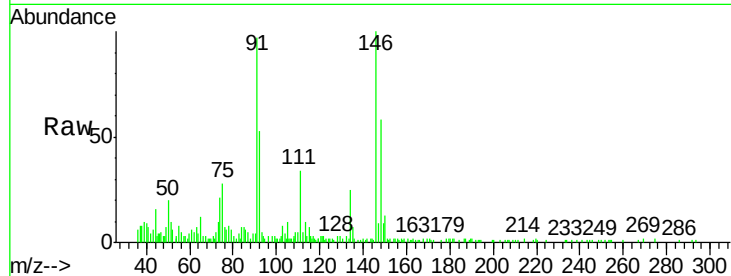
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	146	Resp:	7419
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.9	59.7
148	63.8	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 1.013 ug/l

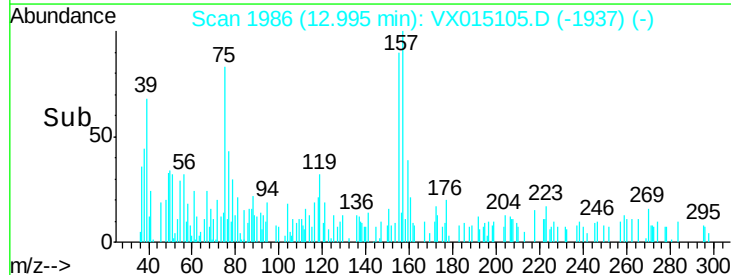
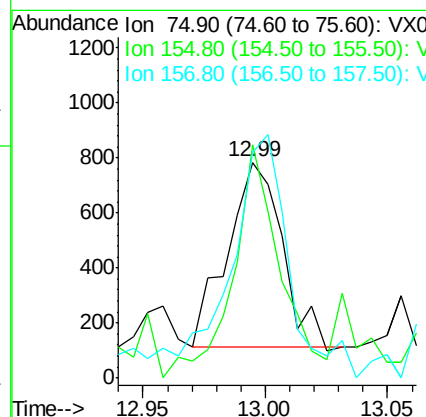
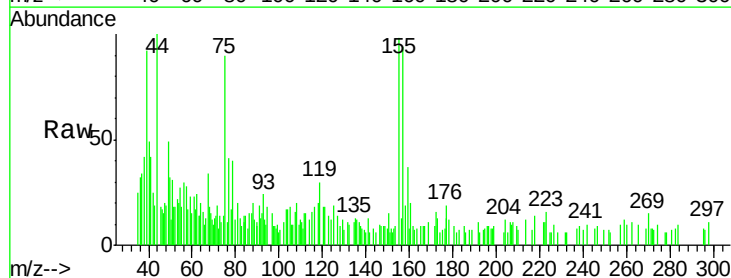
RT: 12.99 min Scan# 1986

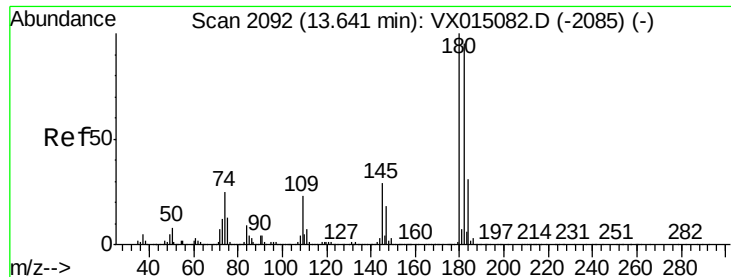
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	75	Resp:	1046
Ion Ratio	Lower	Upper	
75	100		
155	103.2	46.6	139.7
157	125.6	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 1.034 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Instrument :

MSVOA_X

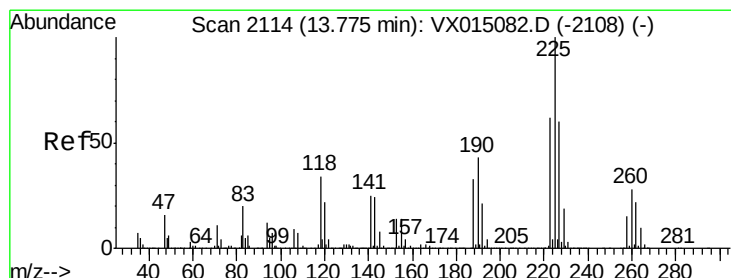
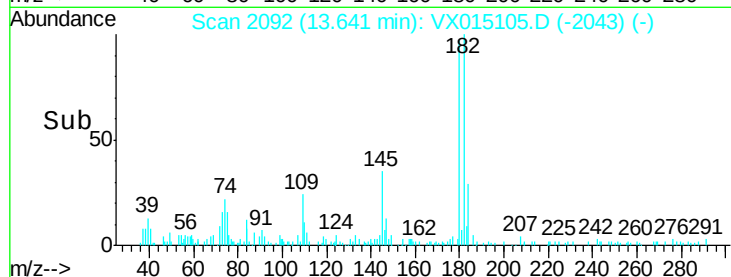
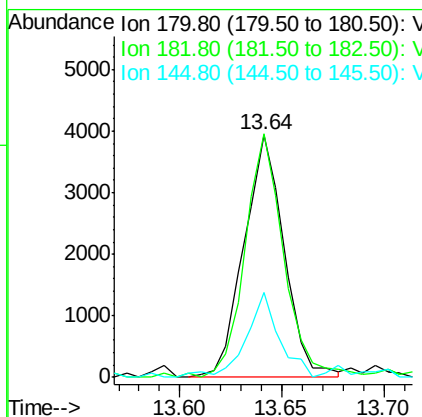
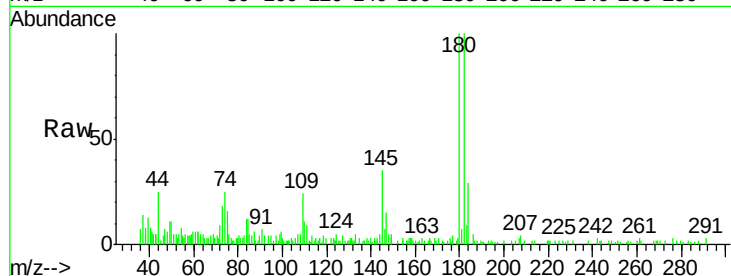
ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion:	180	Resp:	5409
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.6	142.8
145	29.6	14.1	42.2

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#94

Hexachlorobutadiene

Concen: 1.111 ug/l

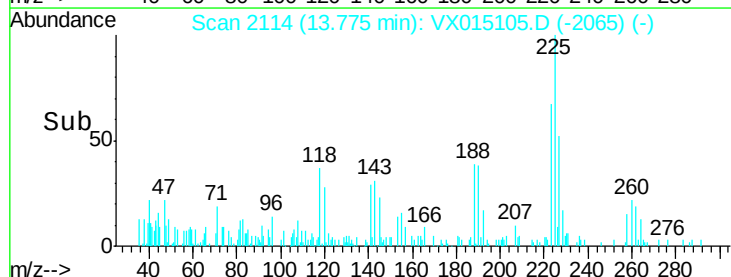
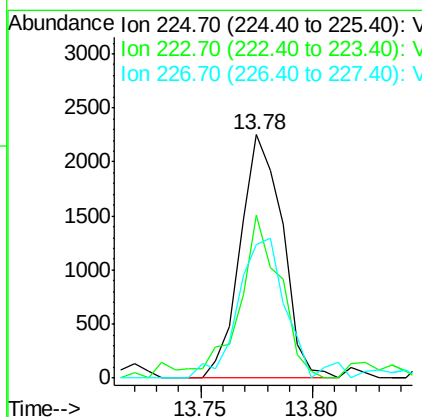
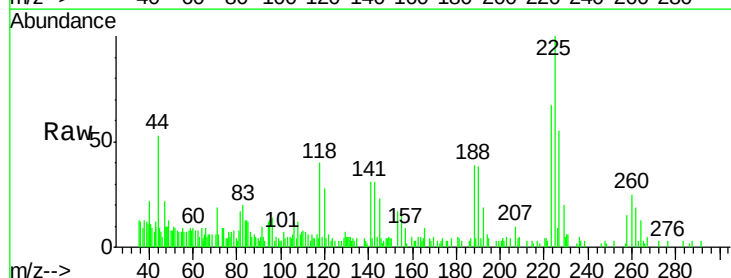
RT: 13.78 min Scan# 2114

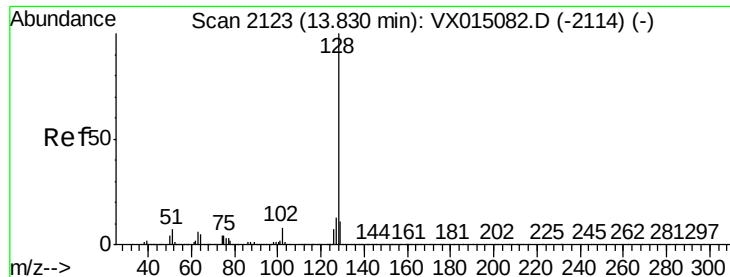
Delta R.T. 0.00 min

Lab File: VX015105.D

Acq: 05 Mar 2020 12:41

Tgt Ion:	225	Resp:	2983
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.3	93.9
227	63.9	31.1	93.2





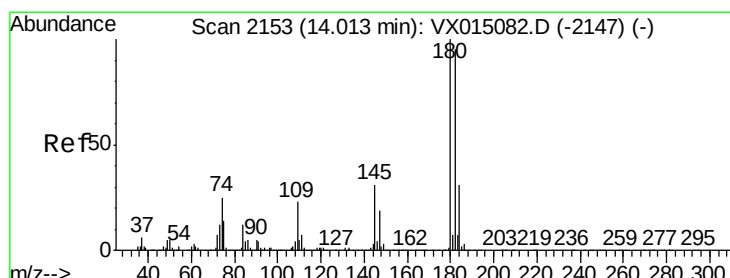
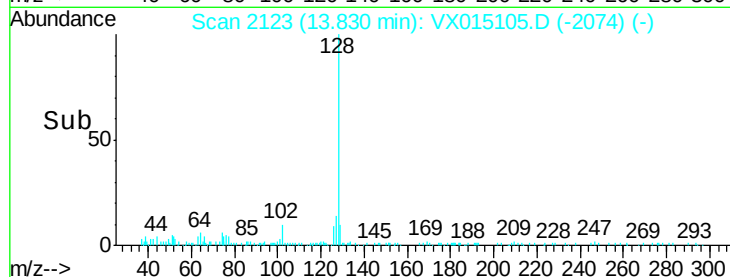
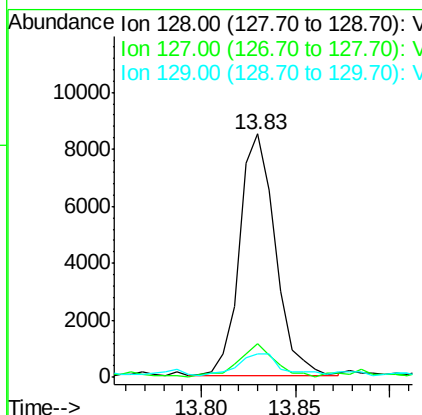
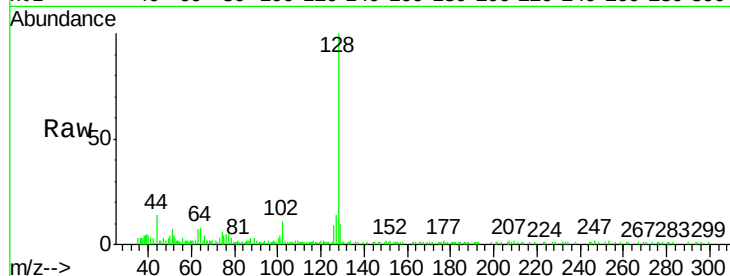
#95
Naphthalene
Concen: 0.780 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion:	128	Resp:	11151
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.3	15.5
129	12.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:47:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.992 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015105.D
Acq: 05 Mar 2020 12:41

Tgt Ion:	180	Resp:	5179
Ion Ratio	Lower	Upper	
180	100		
182	87.2	47.8	143.4
145	32.8	15.1	45.3

