

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015122.D
 Acq On : 06 Mar 2020 13:24
 Operator : JC/SP
 Sample : L1161-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:39 AM

Quant Time: Mar 07 00:59:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	60904	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	318779	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	294249	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	129897	30.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.23%
60) 4-Bromofluorobenzene	11.13	95	130630	28.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.00%
63) Toluene-d8	8.71	98	388994	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	7634	2.807 ug/l	95
3) Chloromethane	1.32	50	11598	3.298 ug/l	95
4) Vinyl Chloride	1.40	62	11894	3.143 ug/l	94
5) Bromomethane	1.64	94	8075	3.047 ug/l	97
6) Chloroethane	1.72	64	6899	2.721 ug/l	97
7) Trichlorofluoromethane	1.93	101	13701	2.487 ug/l	94
8) Diethyl Ether	2.18	74	6433	2.776 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9122	2.864 ug/l	99
10) 1,1-Dichloroethene	2.37	96	9213	2.878 ug/l	92
11) Methyl Iodide	2.50	142	8043	2.068 ug/l	99
12) Methyl Acetate	2.76	43	12323m	3.093 ug/l	
13) Acrolein	2.28	56	9966	12.578 ug/l	100
14) Acrylonitrile	3.13	53	23374	12.991 ug/l	96
15) Acetone	2.44	58	6953	10.798 ug/l	96
16) Carbon Disulfide	2.56	76	25316	2.941 ug/l #	94
17) Allyl chloride	2.72	41	14029	2.519 ug/l	94
18) Methylene Chloride	2.85	84	10378	2.813 ug/l	89
19) trans-1,2-Dichloroethene	3.16	96	9830	2.795 ug/l	93
20) Diisopropyl ether	3.84	45	28420	2.499 ug/l	91
21) 1,1-Dichloroethane	3.69	63	17884	2.868 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	10846	2.695 ug/l	98
23) tert-Butyl Alcohol	3.03	59	12307	17.255 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	27316	2.564 ug/l	98
25) Chloroform	5.20	83	16438	2.614 ug/l	84
26) Cyclohexane	5.58	56	14010	2.514 ug/l #	96
29) 1,1-Dichloropropene	5.79	75	11827	2.623 ug/l	95
30) 2-Butanone	4.67	43	30468	11.707 ug/l #	98
31) 2,2-Dichloropropane	4.57	77	13285	2.683 ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	12889	2.517 ug/l #	84
33) Carbon Tetrachloride	5.78	117	12213	2.725 ug/l	97
34) Benzene	6.14	78	37715	2.772 ug/l	95
35) Methacrylonitrile	5.03	41	6108	2.301 ug/l	80
36) 1,2-Dichloroethane	6.18	62	13277	2.757 ug/l #	83
37) Trichloroethene	7.21	130	10243	2.681 ug/l	98
38) Methylcyclohexane	7.45	83	13423	2.402 ug/l	92
39) 1,2-Dichloropropane	7.51	63	9910	2.830 ug/l	98
40) Dibromomethane	7.65	93	6661	2.848 ug/l	97

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MMDadoda
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	12335	2.670	ug/l #	97
42) Vinyl Acetate	3.81	43	113911	12.435	ug/l	100
43) Ethyl Acetate	4.83	43	10699	2.272	ug/l	95
44) Isopropyl Acetate	6.43	43	18645	2.355	ug/l	97
45) 1,4-Dioxane	7.74	88	2826	38.634	ug/l #	42
46) Methyl methacrylate	7.76	41	10566	2.698	ug/l	81
47) n-amyl Acetate	10.89	43	13886	2.025	ug/l	94
48) t-1,3-Dichloropropene	9.03	75	12286	2.397	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	13123	2.326	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	9760	2.801	ug/l	96
51) Ethyl methacrylate	9.17	69	11644	2.165	ug/l	97
52) 1,3-Dichloropropane	9.37	76	16962	2.878	ug/l	99
53) Dibromochloromethane	9.57	129	9284	2.465	ug/l	99
54) 1,2-Dibromoethane	9.67	107	9855	2.664	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	31347	10.944	ug/l	98
56) Bromoform	10.85	173	6355	2.152	ug/l	92
58) 4-Methyl-2-Pentanone	8.64	43	58427	12.116	ug/l	99
59) 2-Hexanone	9.49	43	41679	11.062	ug/l	96
61) Tetrachloroethene	9.33	164	11157	2.823	ug/l	94
62) Toluene	8.78	91	40171	2.665	ug/l	97
64) Chlorobenzene	10.14	112	25954	2.698	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	9464	2.656	ug/l	98
66) Ethyl Benzene	10.25	91	39083	2.354	ug/l	96
67) m/p-Xylenes	10.35	106	30497	4.764	ug/l	99
68) o-Xylene	10.70	106	14310	2.310	ug/l	95
69) Styrene	10.71	104	23708	2.241	ug/l	98
70) Isopropylbenzene	11.01	105	38249	2.325	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.26	83	13947	2.633	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	11656m	2.652	ug/l	
73) Bromobenzene	11.25	156	12142	2.731	ug/l	98
74) n-propylbenzene	11.35	91	44689	2.386	ug/l	99
75) 2-Chlorotoluene	11.42	91	28268	2.554	ug/l	94
76) 1,3,5-Trimethylbenzene	11.50	105	31491	2.284	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	3792	2.140	ug/l	81
78) 4-Chlorotoluene	11.51	91	32462	2.536	ug/l	99
79) tert-butylbenzene	11.76	119	31343	2.353	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	31291	2.282	ug/l	97
81) sec-Butylbenzene	11.94	105	36688	2.299	ug/l	97
82) p-Isopropyltoluene	12.06	119	33137	2.236	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	20351	2.611	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	20252	2.580	ug/l	98
85) n-Butylbenzene	12.39	91	28347	2.198	ug/l	99
86) Hexachloroethane	12.59	117	6007	2.242	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	19768	2.549	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2613	2.265	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	13614	2.441	ug/l	97
90) Hexachlorobutadiene	13.78	225	7106	2.565	ug/l	99
91) Naphthalene	13.83	128	32621	2.066	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	13814	2.495	ug/l	96

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ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

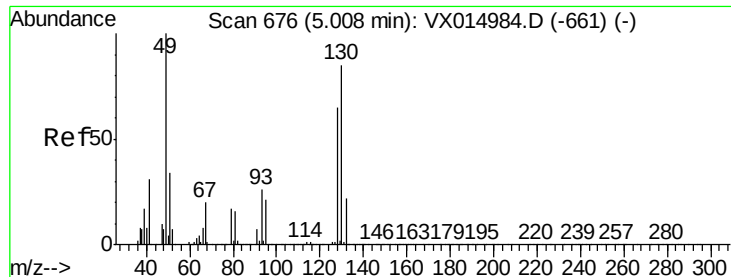
Manual Integrations
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QLast Update : Sat Feb 22 00:37:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

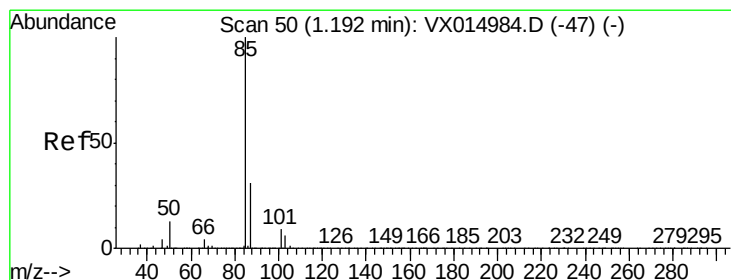
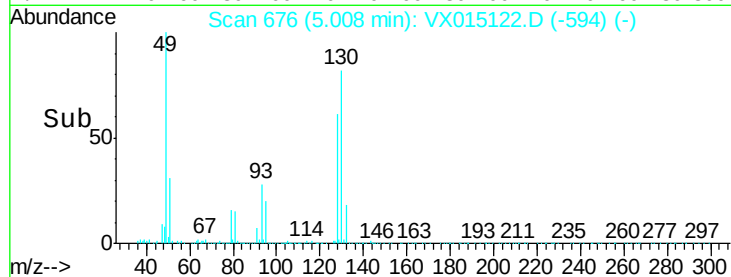
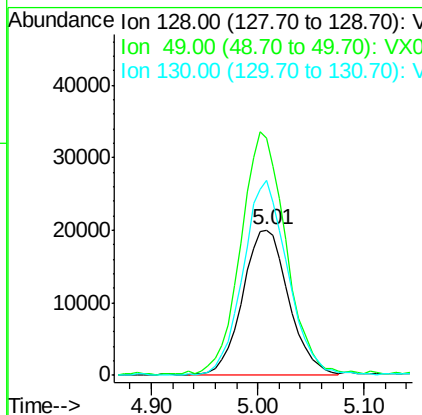
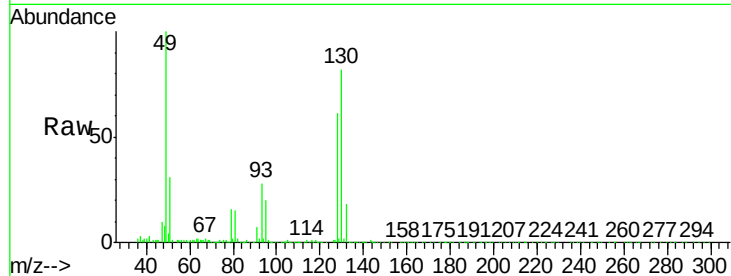
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.1	0.0	384.7
130	129.9	0.0	330.8

Manual Integrations
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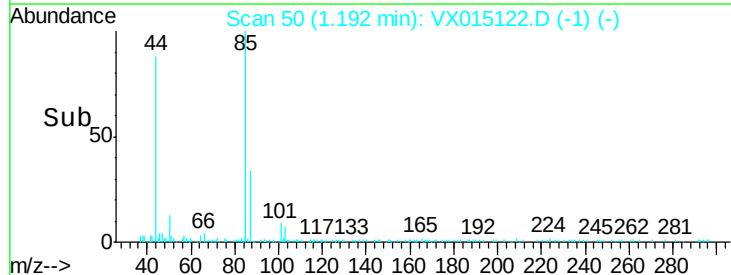
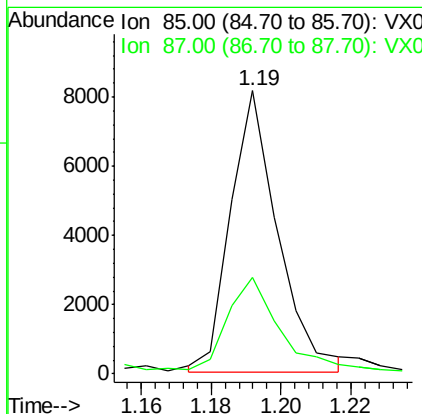
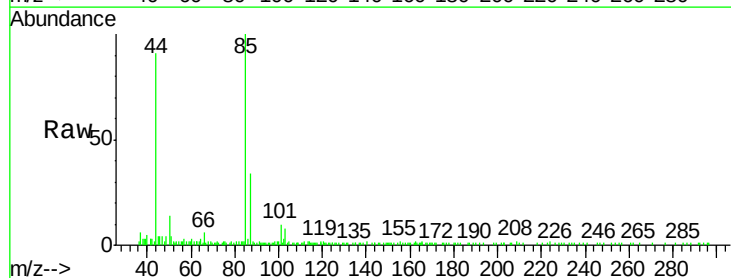
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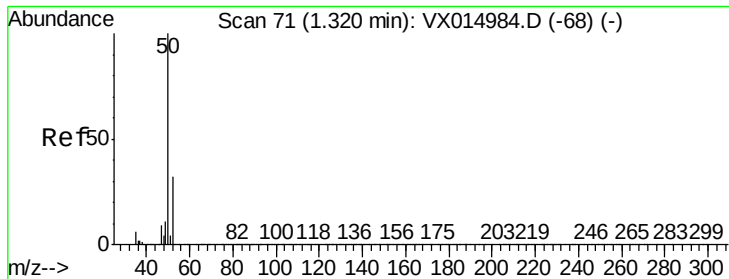


#2

Dichlorodifluoromethane
 Concen: 2.807 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.3	45.9





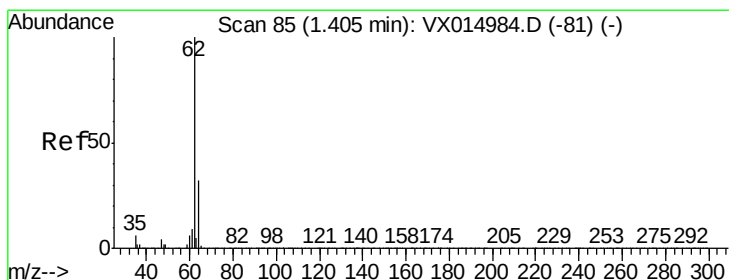
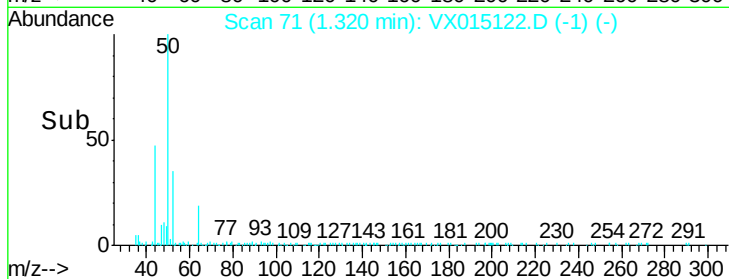
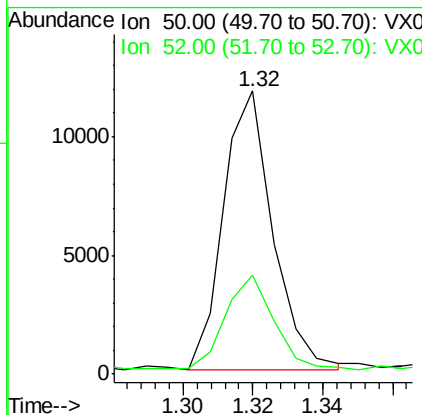
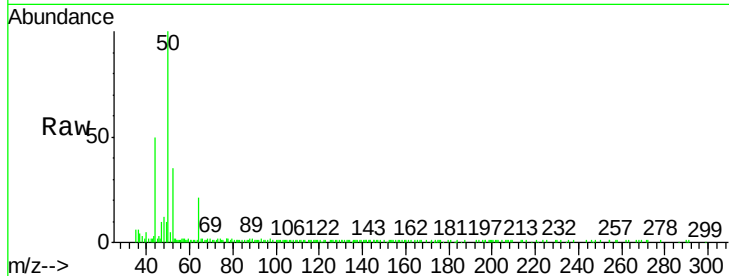
#3
Chloromethane
Concen: 3.298 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 50 Resp: 11598
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.0

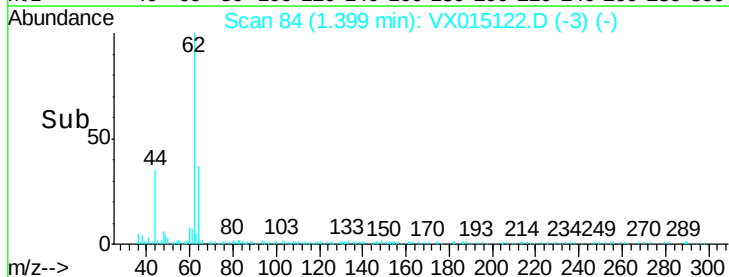
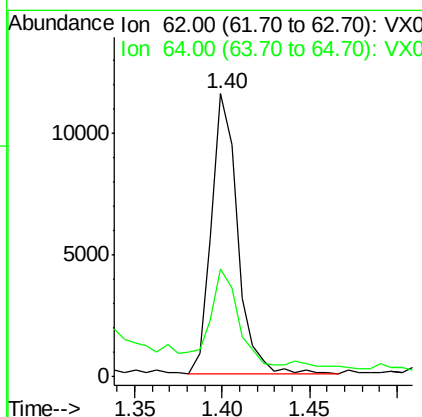
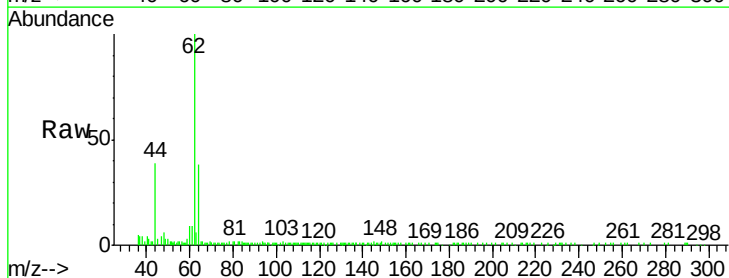
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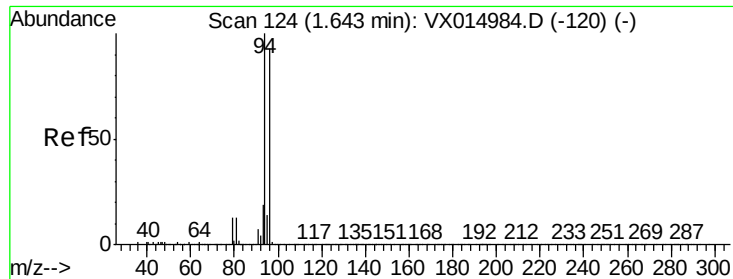
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#4
Vinyl Chloride
Concen: 3.143 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion: 62 Resp: 11894
Ion Ratio Lower Upper
62 100
64 35.1 25.4 38.0





#5

Bromomethane

Concen: 3.047 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 94 Resp: 8075

Ion Ratio Lower Upper

94 100

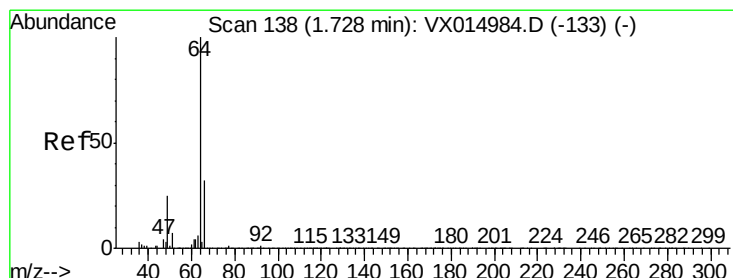
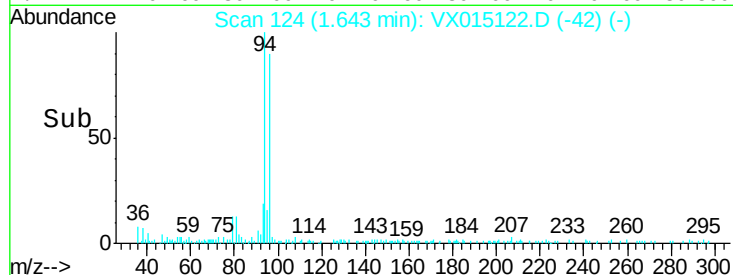
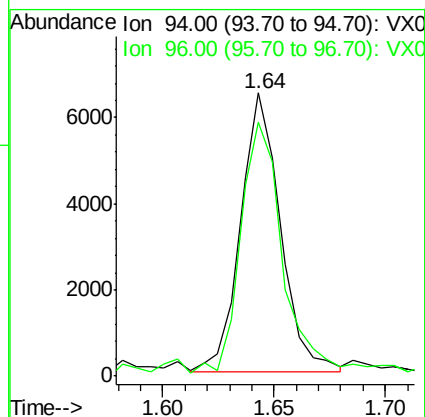
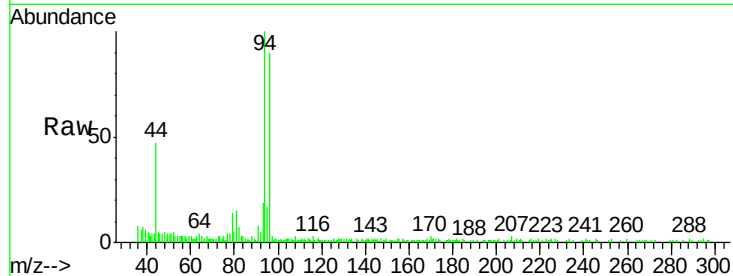
96 90.4 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 2.721 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015122.D

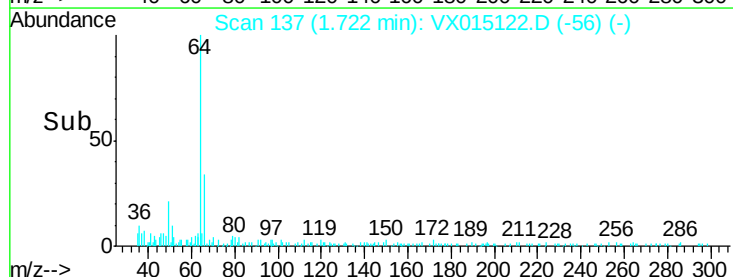
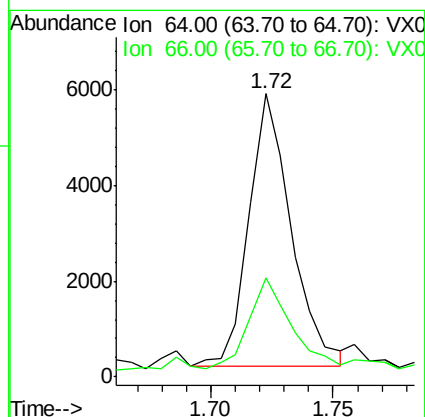
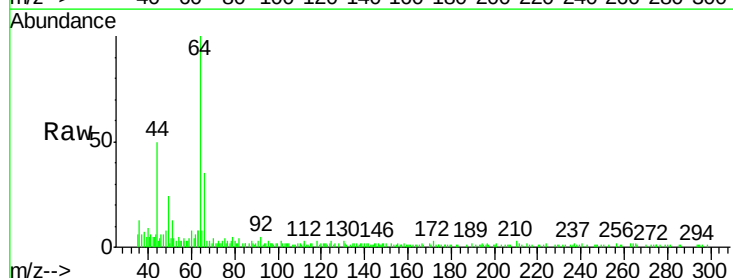
Acq: 06 Mar 2020 13:24

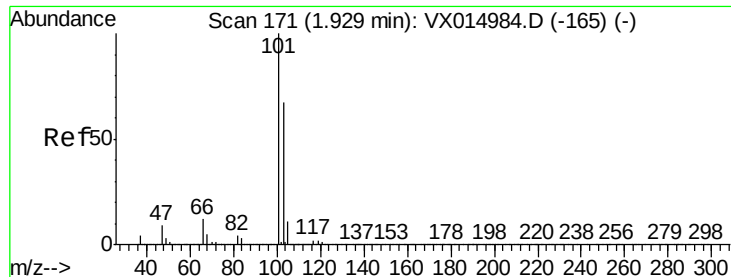
Tgt Ion: 64 Resp: 6899

Ion Ratio Lower Upper

64 100

66 33.6 25.8 38.6





#7

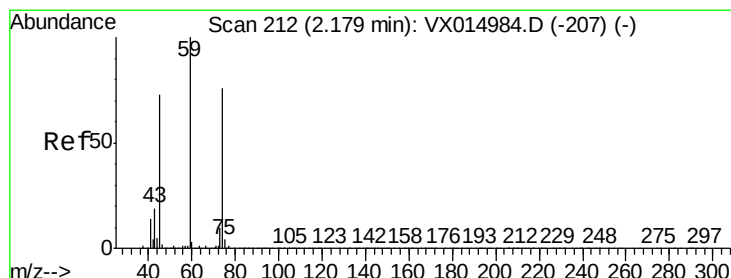
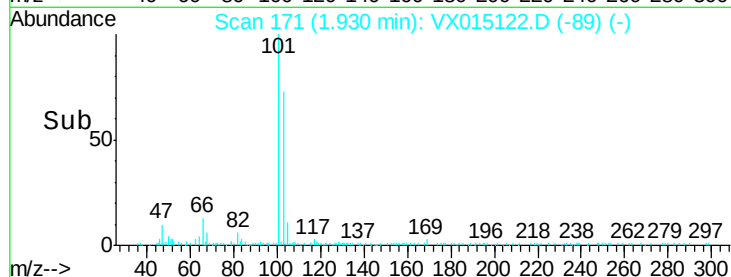
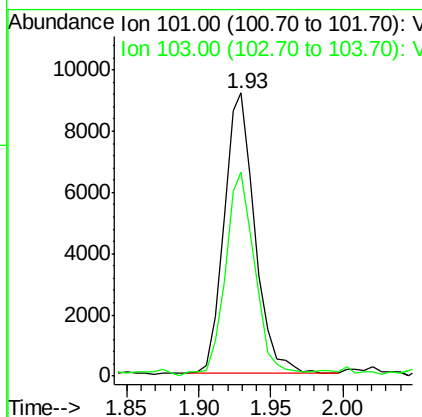
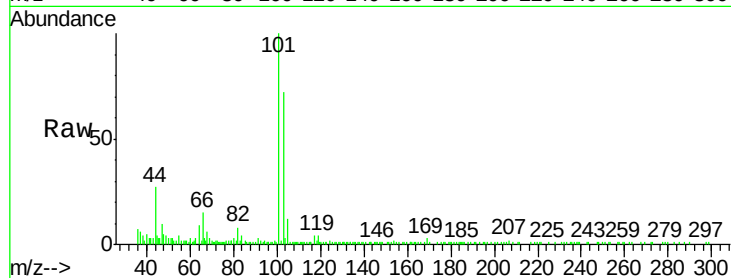
Trichlorofluoromethane
Concen: 2.487 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	71.3	53.4	80.2

Manual Integrations
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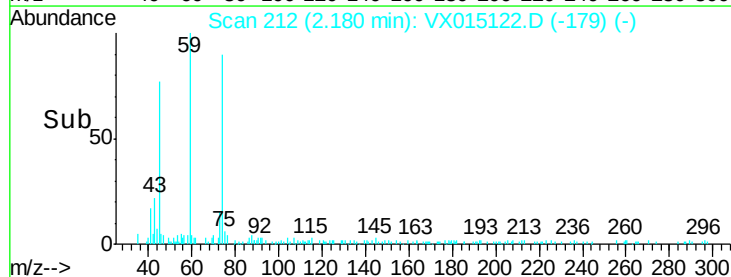
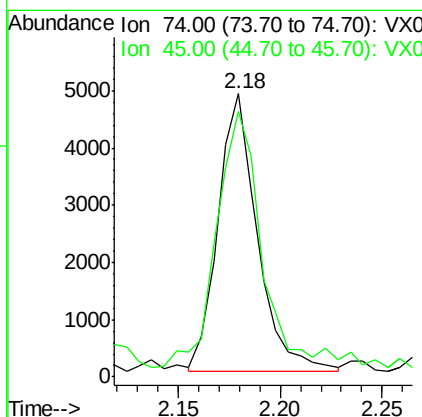
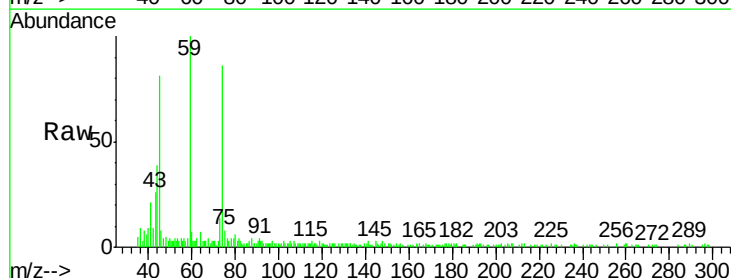
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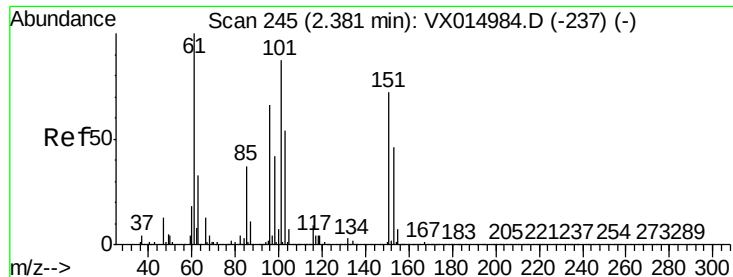


#8

Diethyl Ether
Concen: 2.776 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.864 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

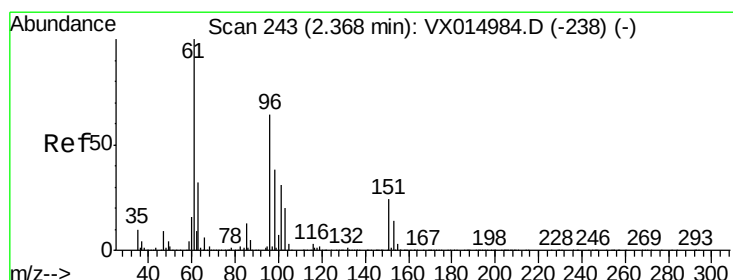
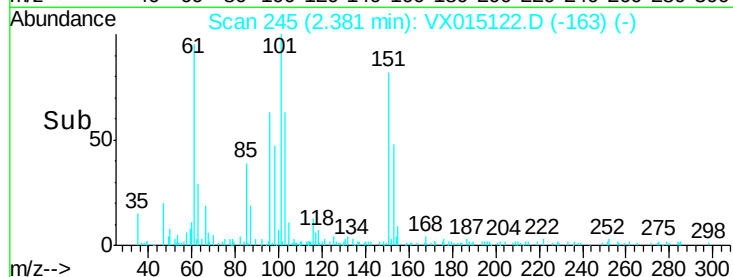
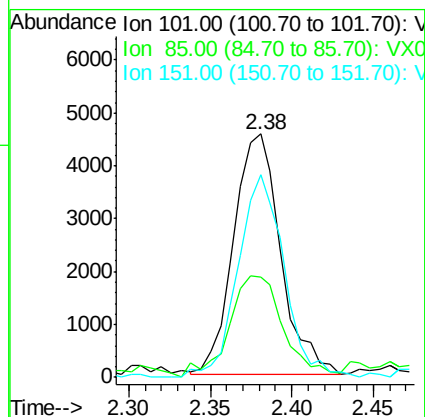
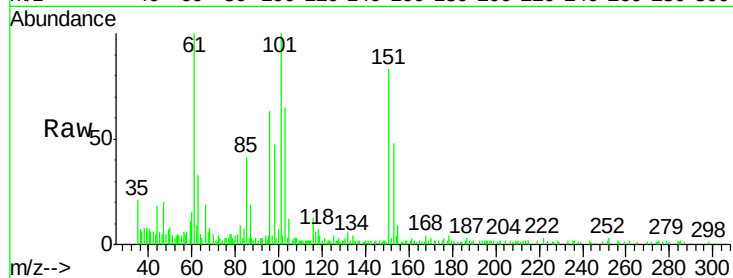
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	101	Resp:	9122
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	86.6
151	82.8	0.0	167.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 2.878 ug/l

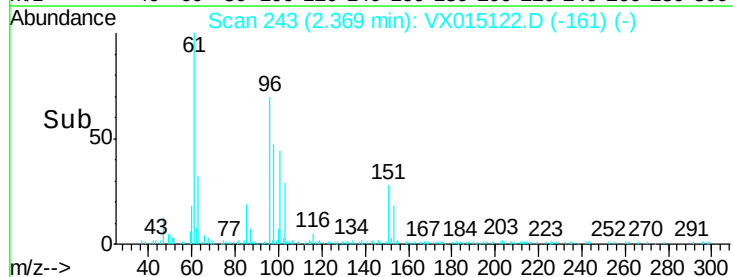
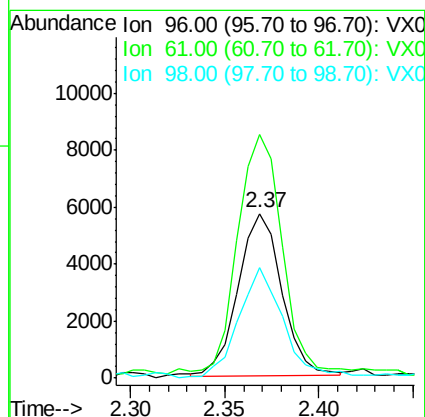
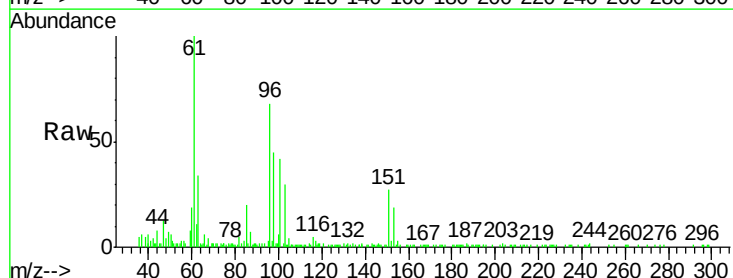
RT: 2.37 min Scan# 243

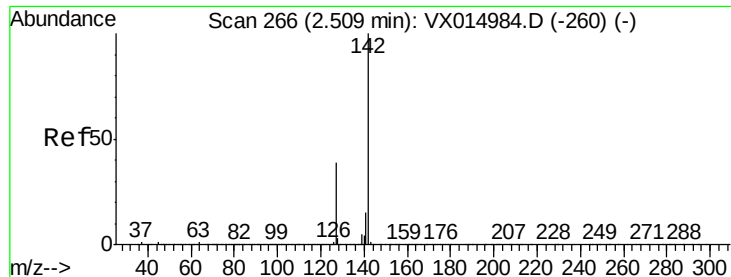
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	96	Resp:	9213
Ion Ratio	Lower	Upper	
96	100		
61	147.7	126.1	189.1
98	67.7	48.2	72.2





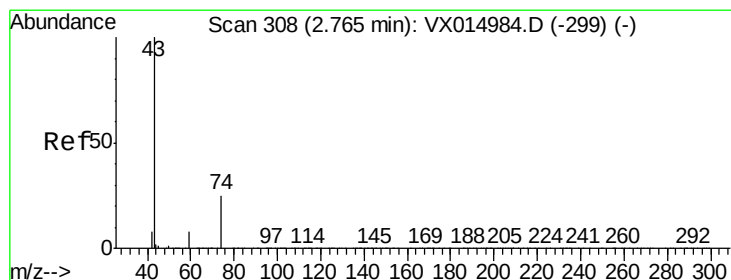
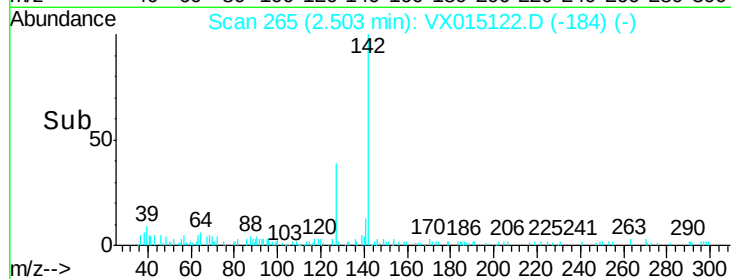
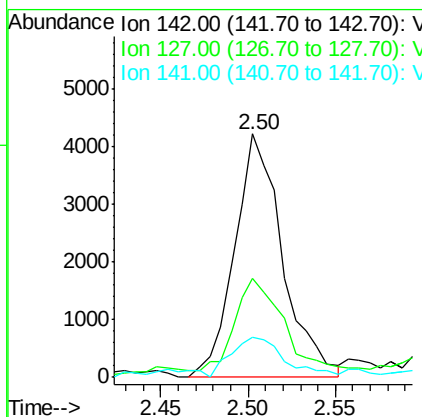
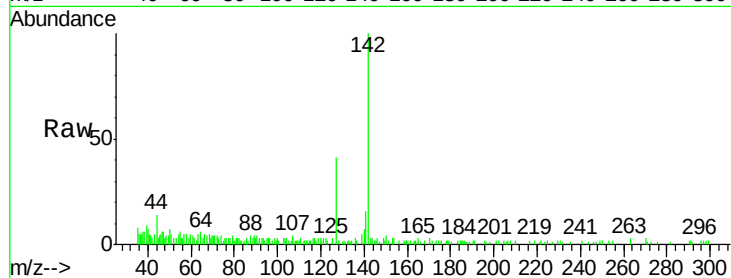
#11
Methvl Iodide
Concen: 2.068 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.6	19.7	59.0
141	14.7	7.4	22.2

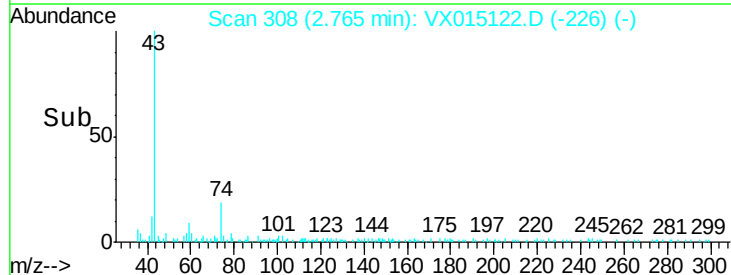
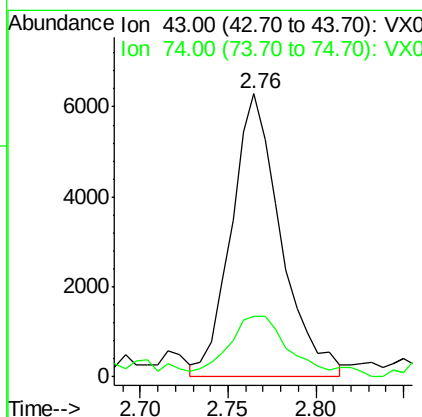
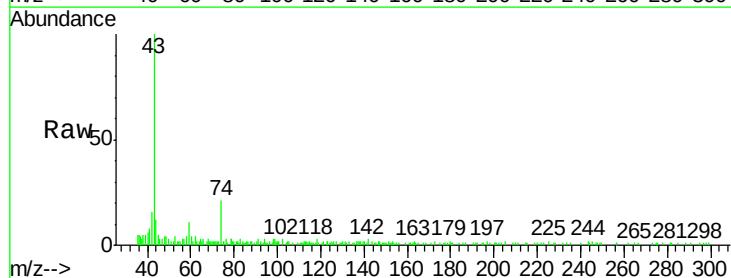
Manual Integrations
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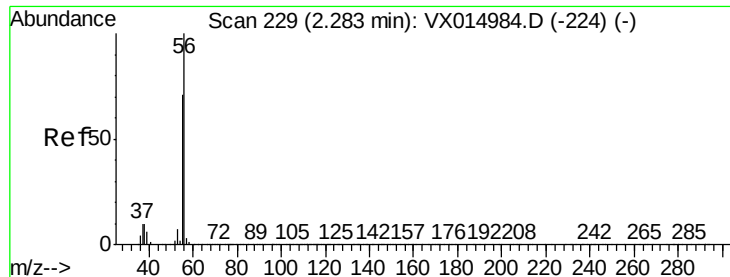
MMDadoda
3/9/2020 9:36:39 AM



#12
Methyl Acetate
Concen: 3.093 ug/l m
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	19.8	29.8





#13

Acrolein

Concen: 12.578 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 56 Resp: 9966

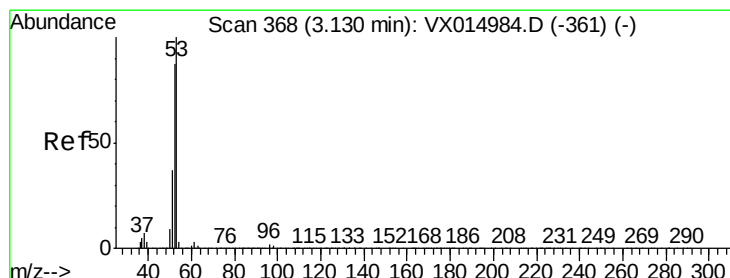
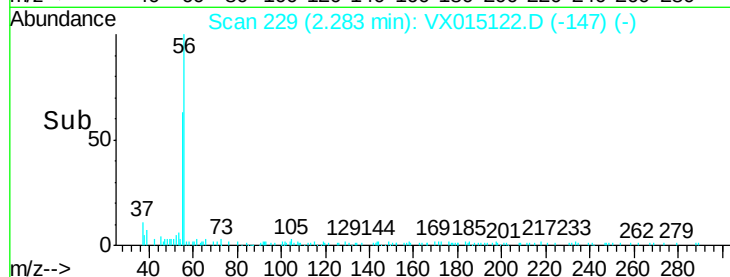
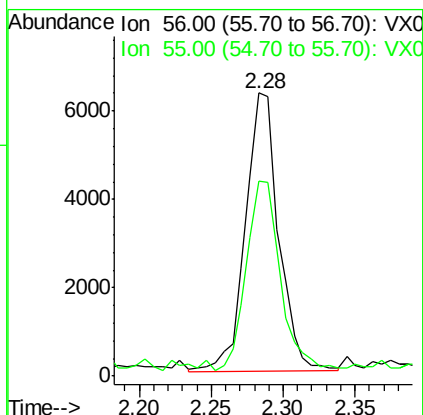
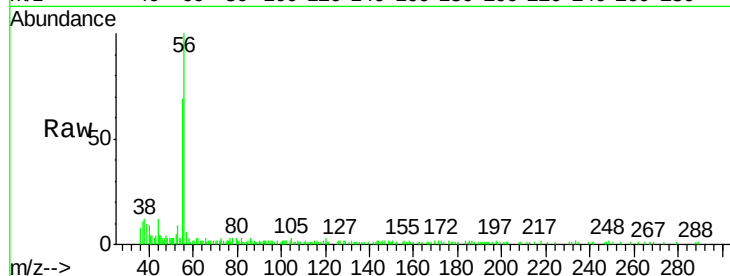
Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2

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#14

Acrylonitrile

Concen: 12.991 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

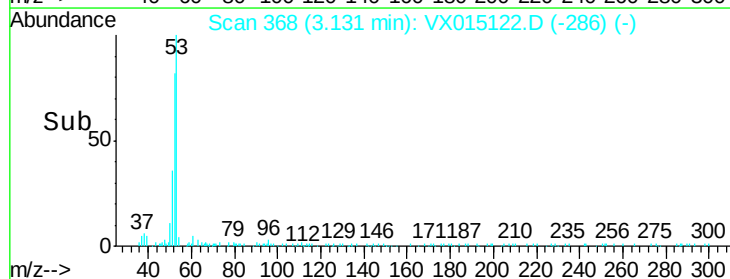
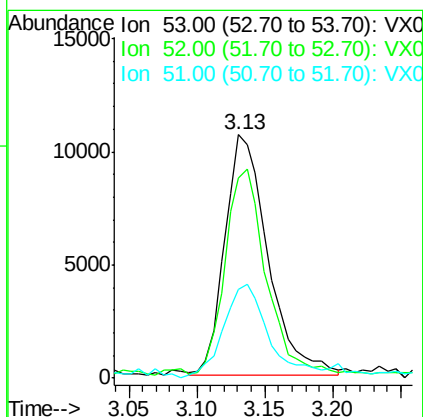
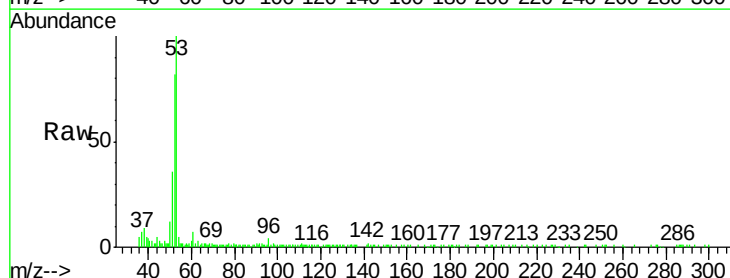
Tgt Ion: 53 Resp: 23374

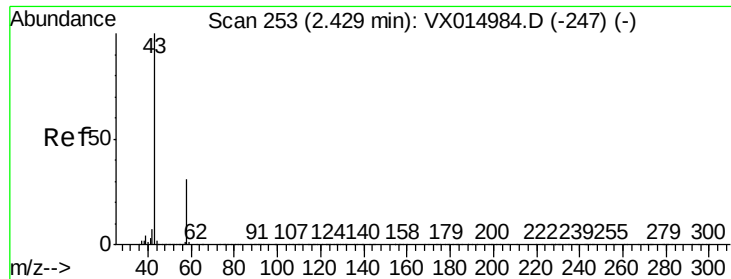
Ion Ratio Lower Upper

53 100

52 80.5 41.5 124.6

51 41.1 18.1 54.4





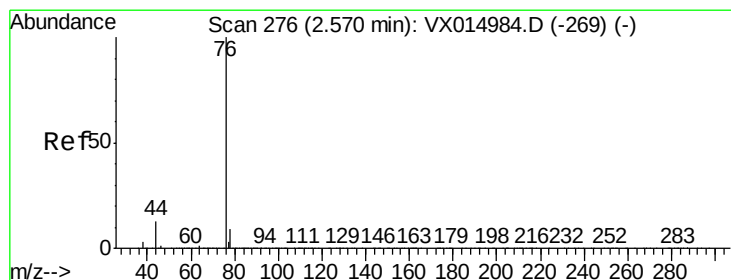
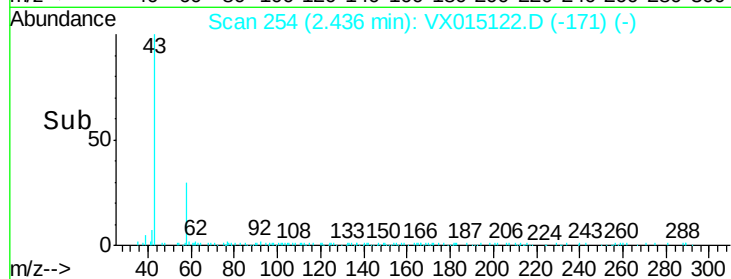
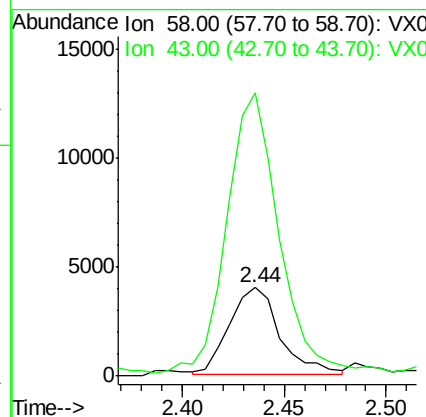
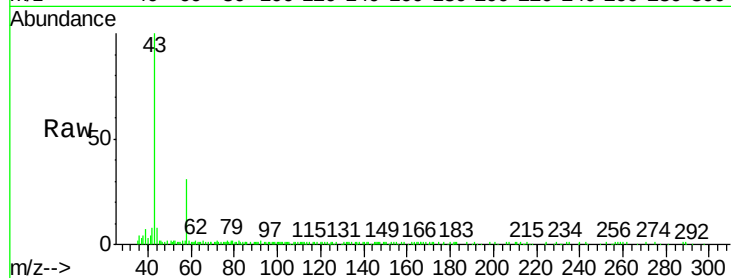
#15
Acetone
Concen: 10.798 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
58	100		
43	329.4	257.7	386.5

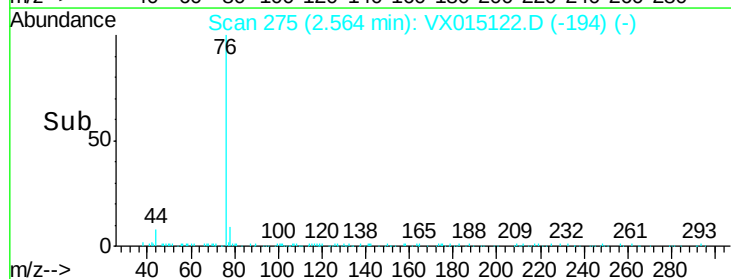
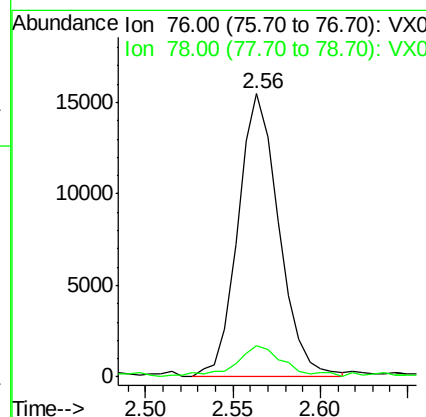
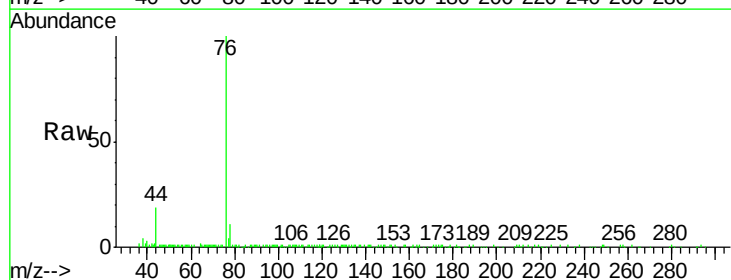
Manual Integrations
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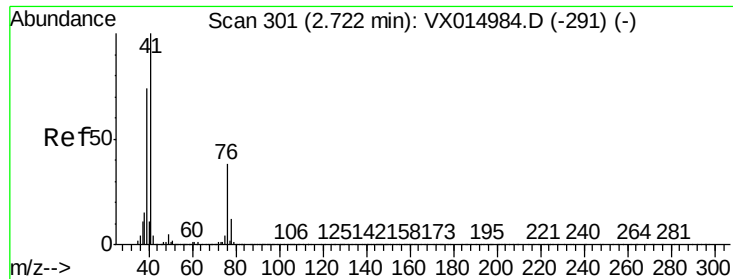
MMDadoda
3/9/2020 9:36:39 AM



#16
Carbon Disulfide
Concen: 2.941 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.1	10.7#





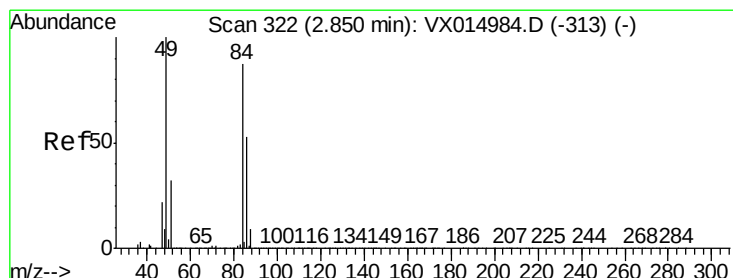
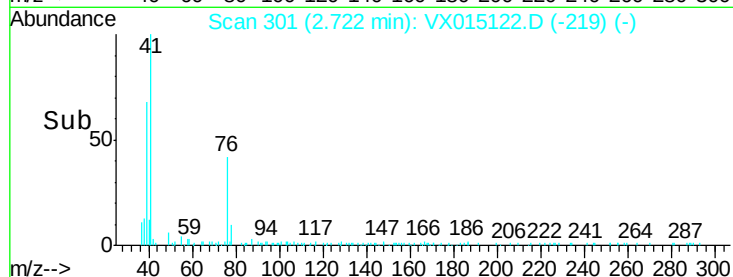
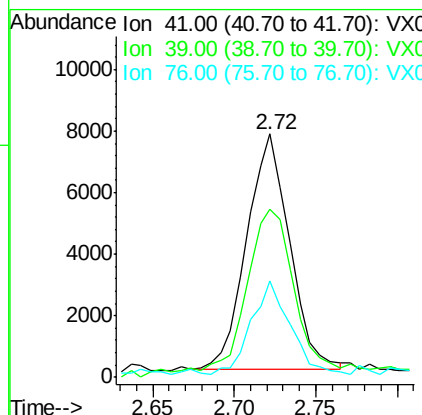
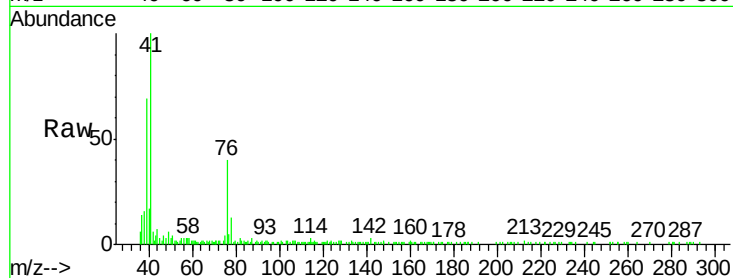
#17
Allvl chloride
Concen: 2.519 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	41	Resp:	14029
Ion	Ratio	Lower	Upper
41	100		
39	67.8	37.1	111.5
76	38.9	18.8	56.4

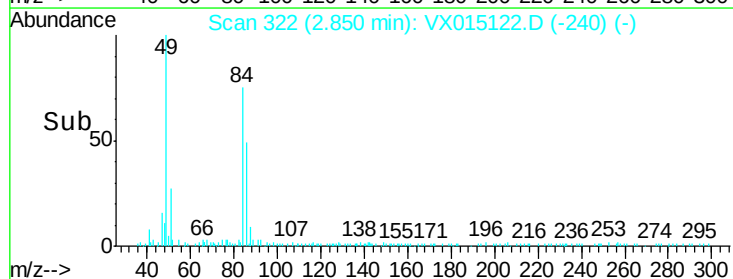
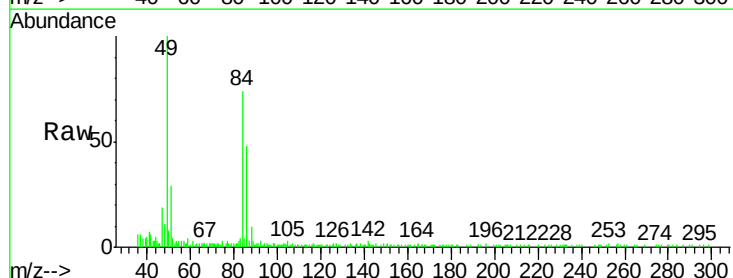
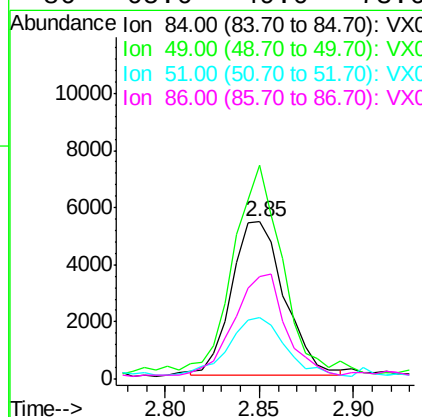
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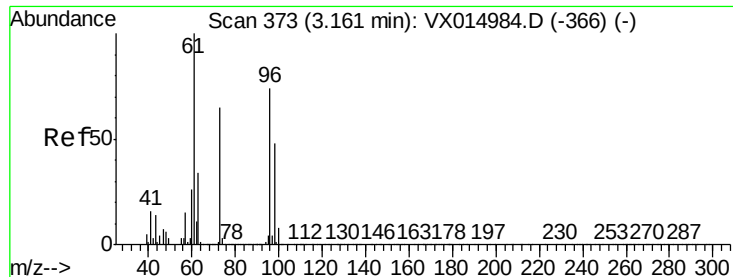
MMDadoda
3/9/2020 9:36:39 AM



#18
Methylene Chloride
Concen: 2.813 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion:	84	Resp:	10378
Ion	Ratio	Lower	Upper
84	100		
49	133.1	92.2	138.2
51	38.1	29.7	44.5
86	65.6	49.0	73.6





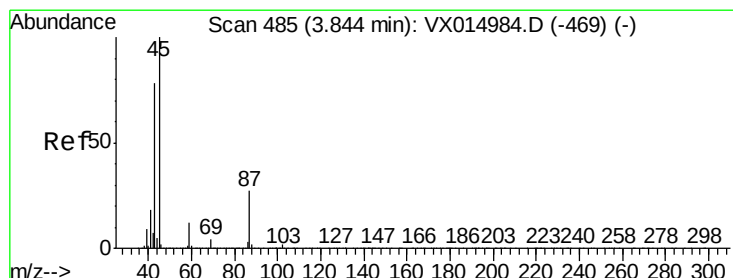
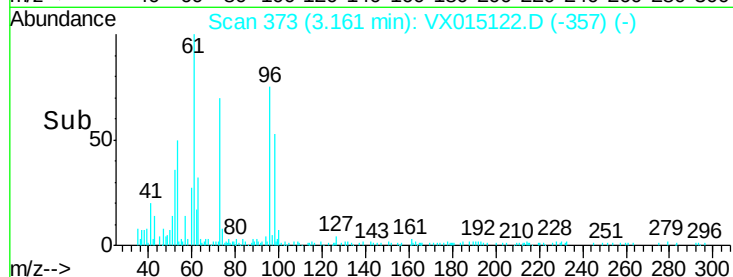
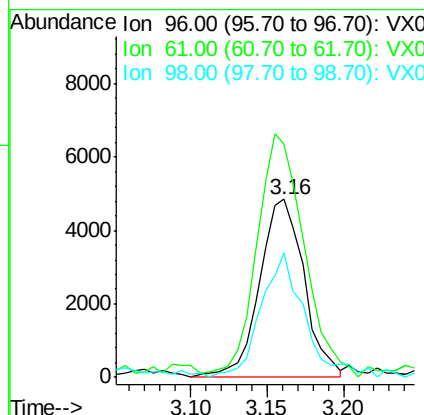
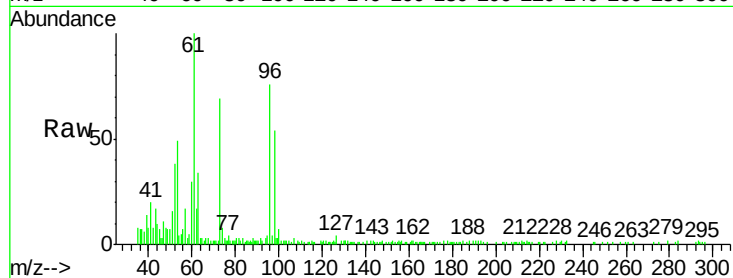
#19
trans-1,2-Dichloroethene
Concen: 2.795 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.5	107.1	160.7
98	68.4	51.4	77.2

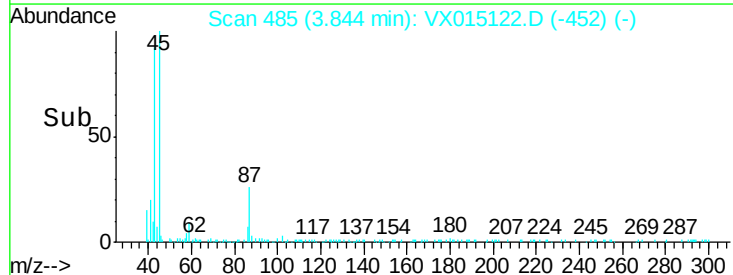
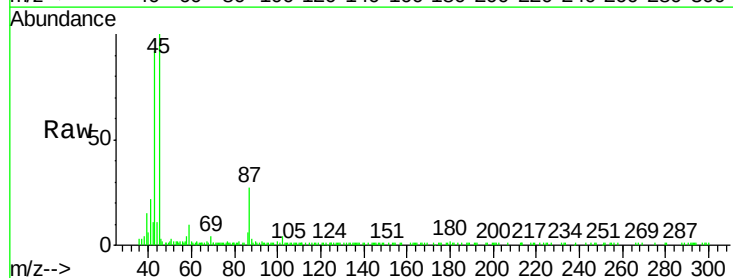
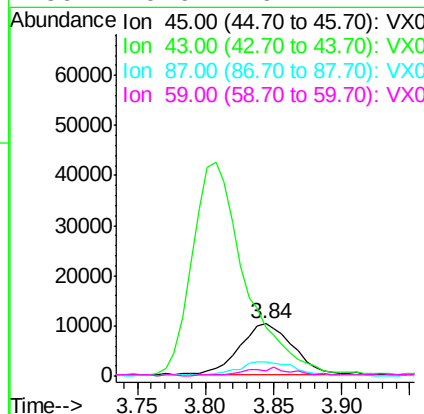
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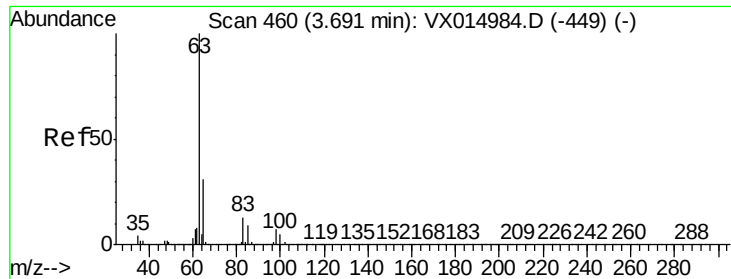
MMDadoda
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#20
Diisopropyl ether
Concen: 2.499 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	87.8	62.3	93.5
87	25.7	21.8	32.6
59	9.6	9.4	14.2





#21

1,1-Dichloroethane

Concen: 2.868 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

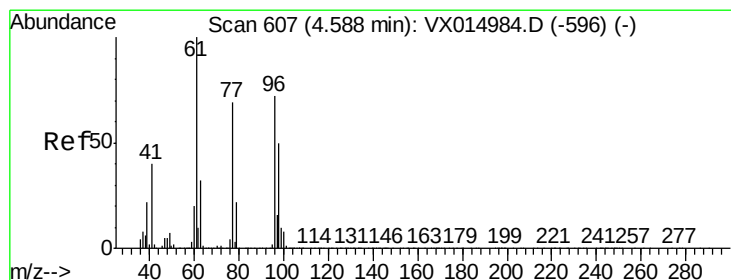
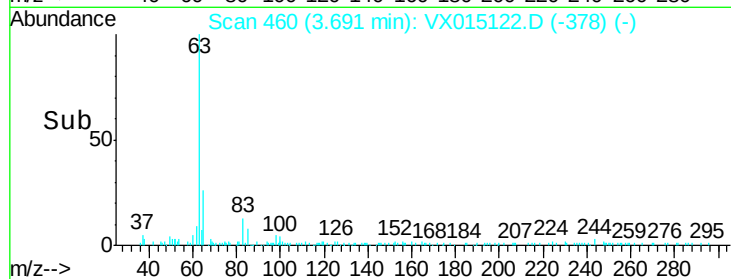
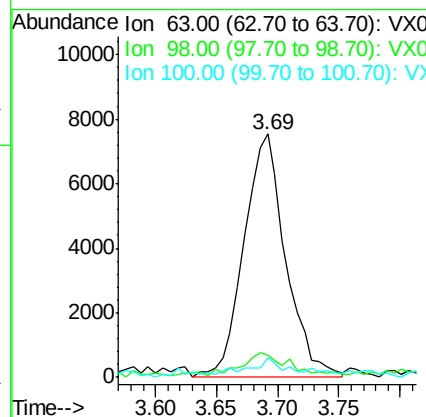
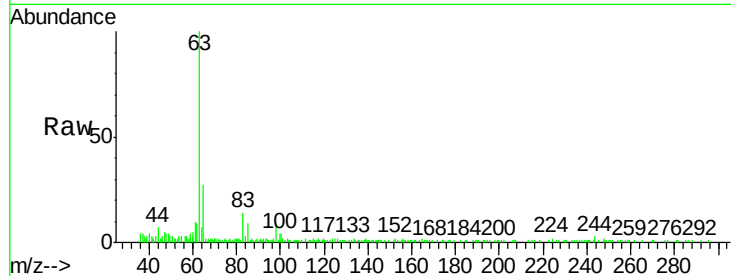
Instrument :
MSVOA_X

ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	63	Resp:	17884
Ion Ratio	Lower	Upper	
63	100		
98	7.9	3.5	10.5
100	5.9	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 2.695 ug/l

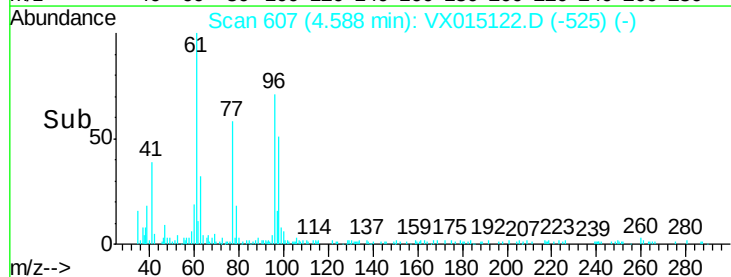
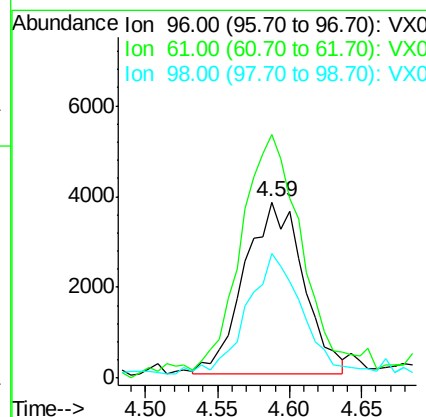
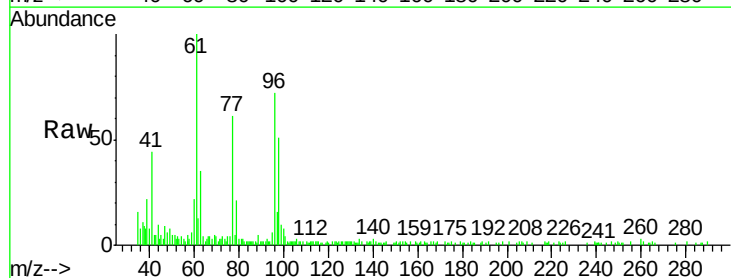
RT: 4.59 min Scan# 607

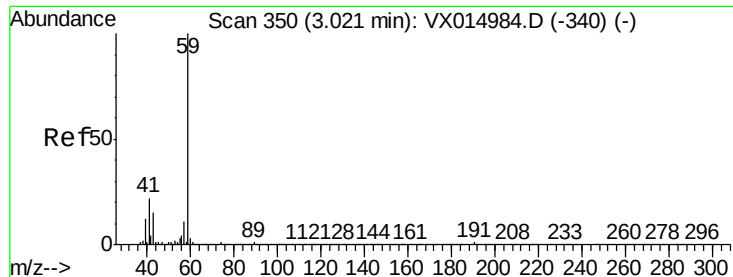
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	96	Resp:	10846
Ion Ratio	Lower	Upper	
96	100		
61	136.8	110.6	165.8
98	64.9	50.4	75.6





#23

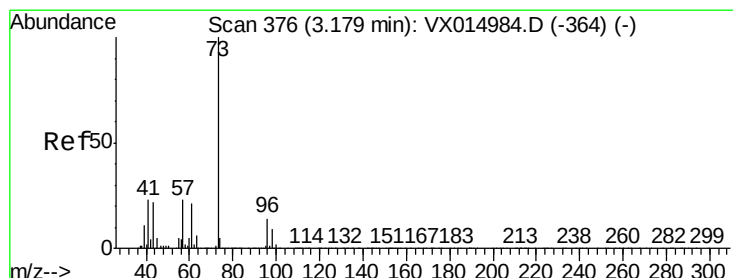
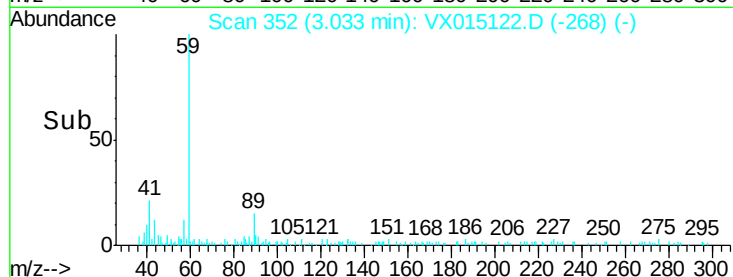
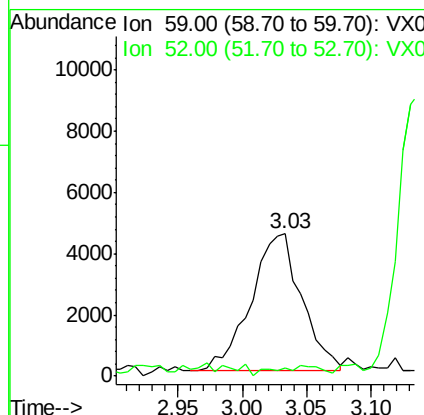
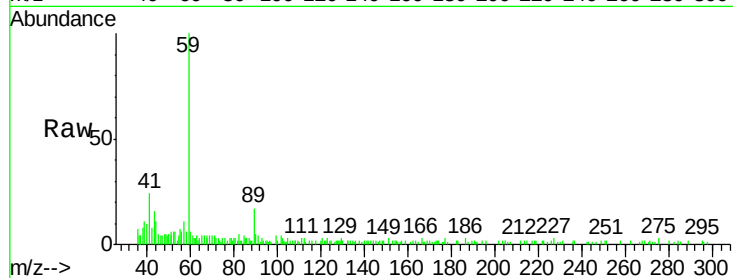
tert-Butyl Alcohol
Concen: 17.255 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.4	0.6#

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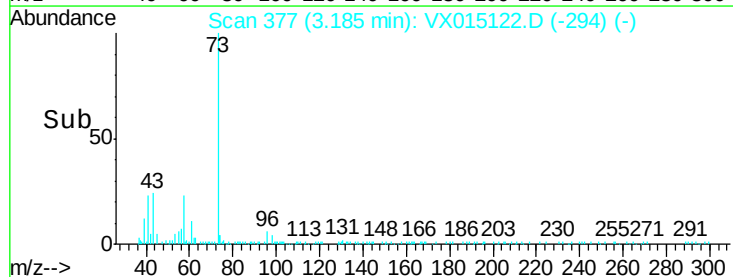
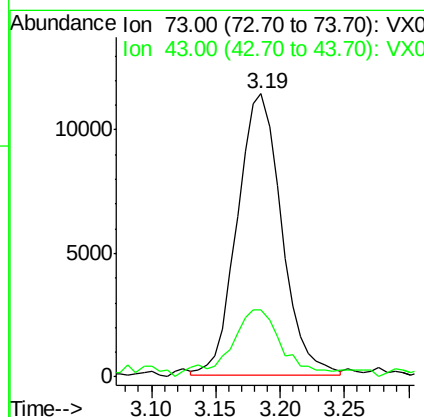
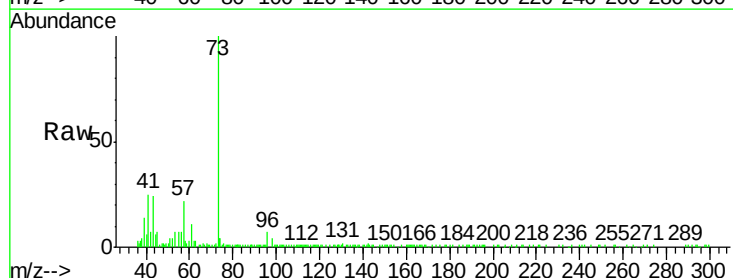
MMDadoda
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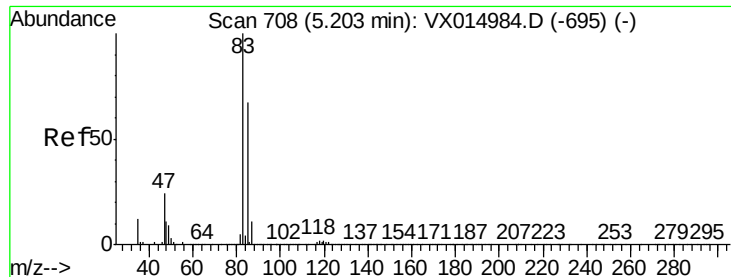


#24

Methyl tert-Butyl Ether
Concen: 2.564 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.7	26.5





#25

Chloroform

Concen: 2.614 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 83 Resp: 16438

Ion Ratio Lower Upper

83 100

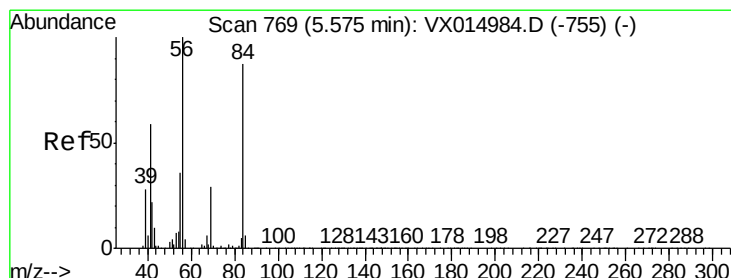
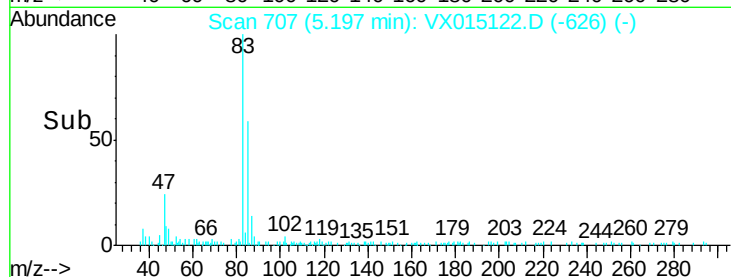
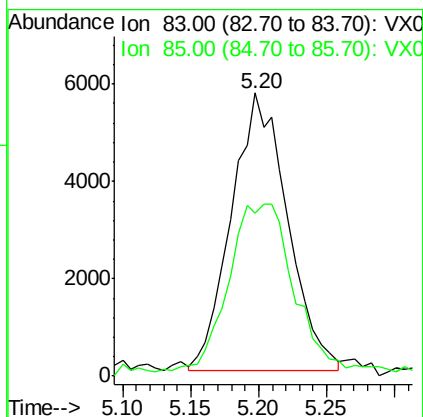
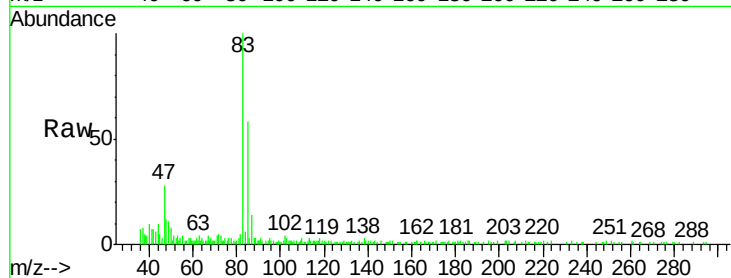
85 53.7 53.4 80.0

Manual Integrations

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#26

Cyclohexane

Concen: 2.514 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

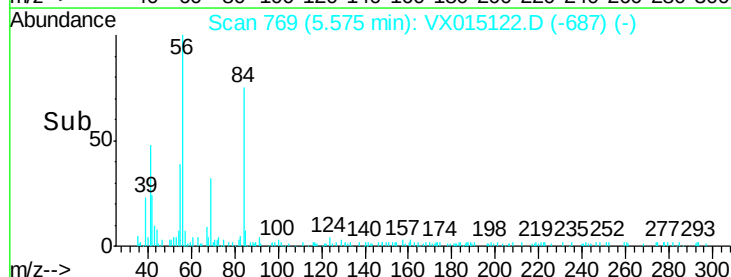
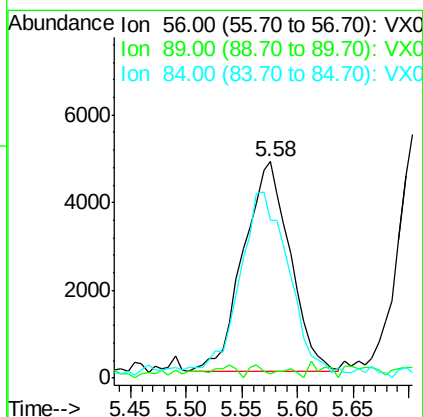
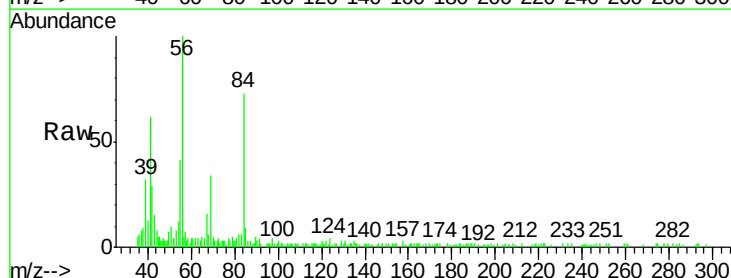
Tgt Ion: 56 Resp: 14010

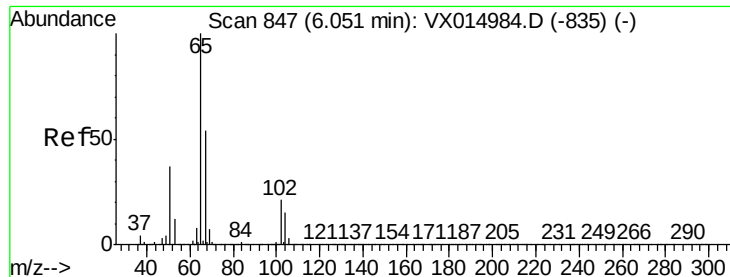
Ion Ratio Lower Upper

56 100

89 2.0 0.2 0.2#

84 86.4 71.8 107.8





#27

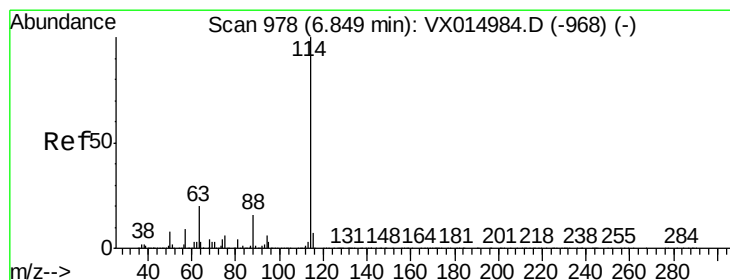
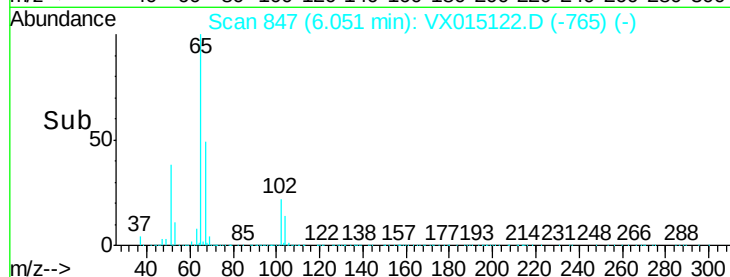
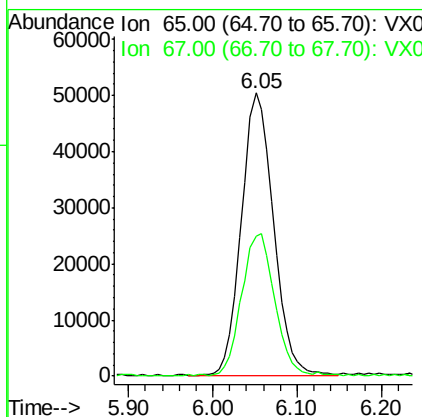
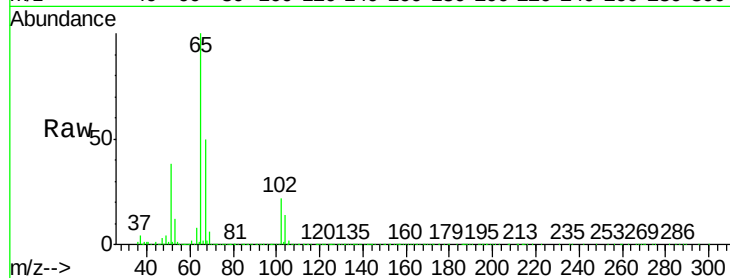
1,2-Dichloroethane-d4
Concen: 30.672 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	41.9	62.9

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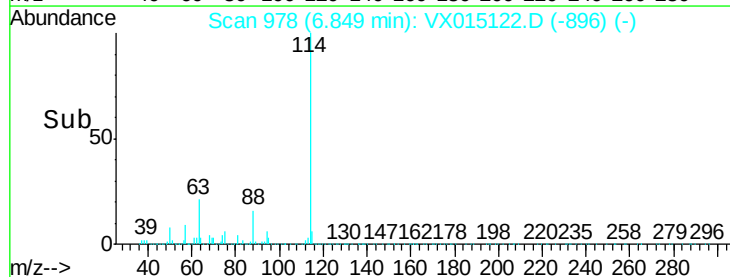
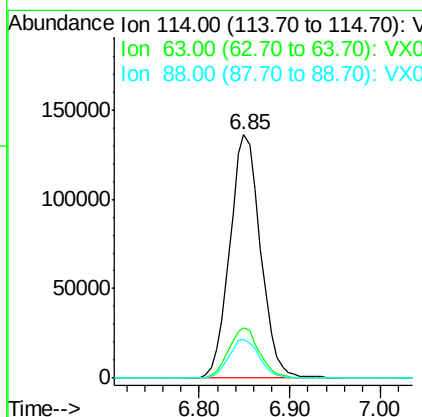
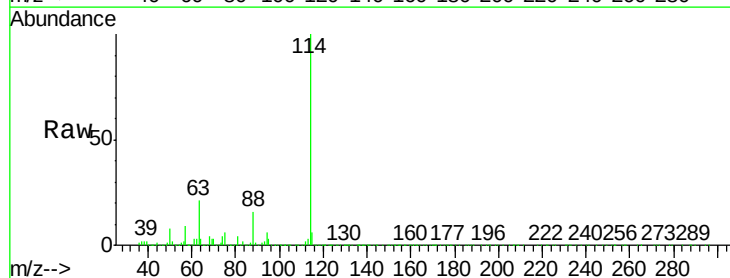
MMDadoda
3/9/2020 9:36:39 AM

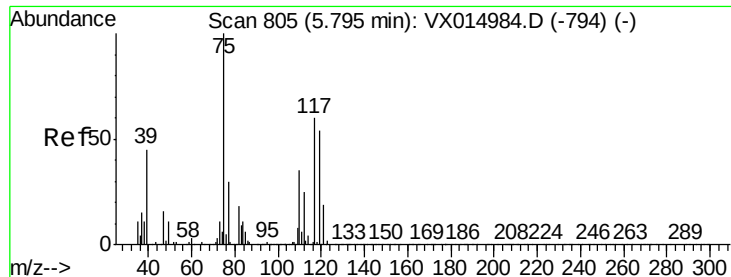


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.6	23.4
88	15.8	12.2	18.2





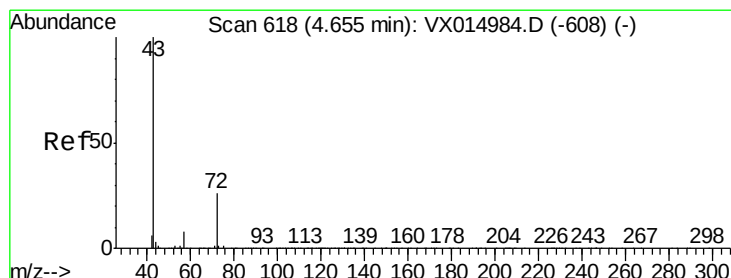
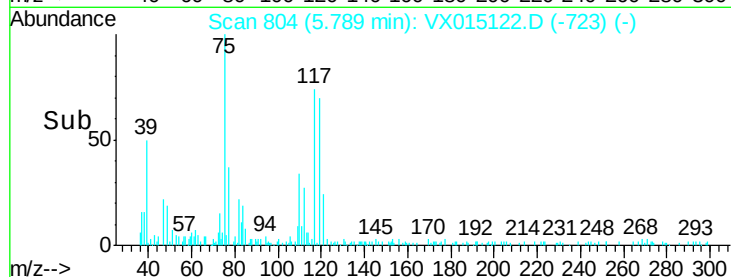
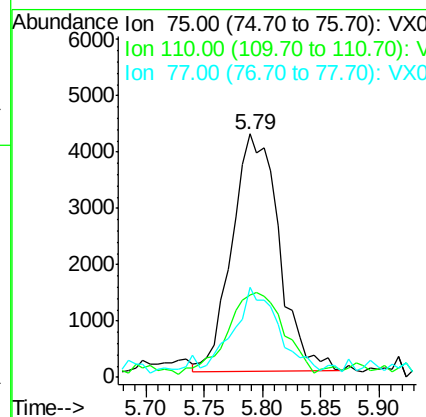
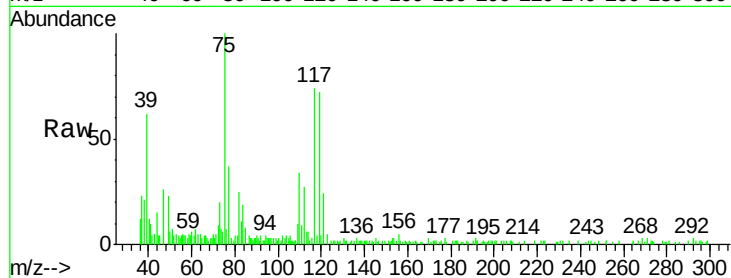
#29
 1,1-Dichloropropene
 Concen: 2.623 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
75	100		
110	41.8	0.0	75.0
77	33.8	0.0	64.0

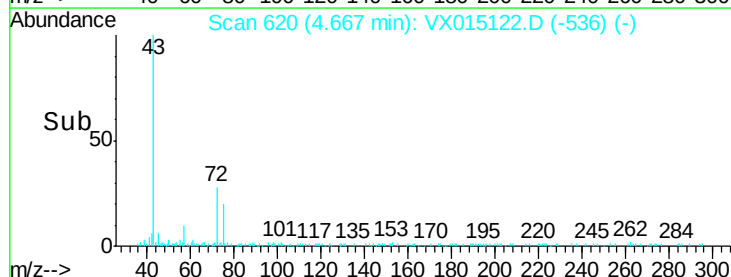
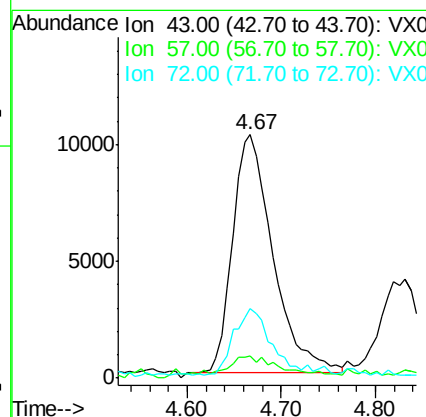
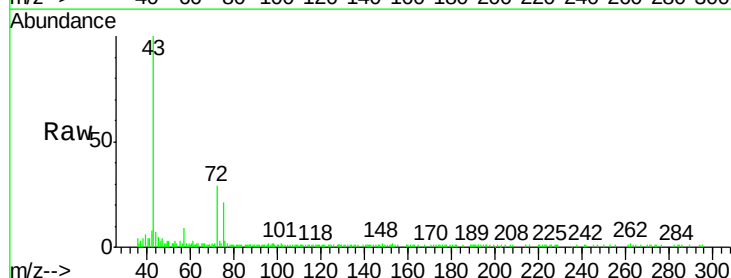
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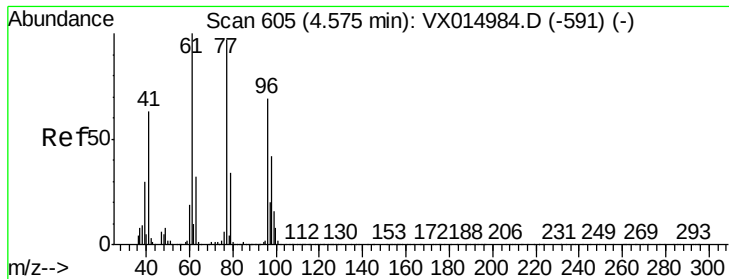
MMDadoda
 3/9/2020 9:36:39 AM



#30
 2-Butanone
 Concen: 11.707 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.9	6.5	9.7#
72	25.7	20.3	30.5





#31

2,2-Dichloropropane

Concen: 2.683 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 13285

Ion Ratio Lower Upper

77 100

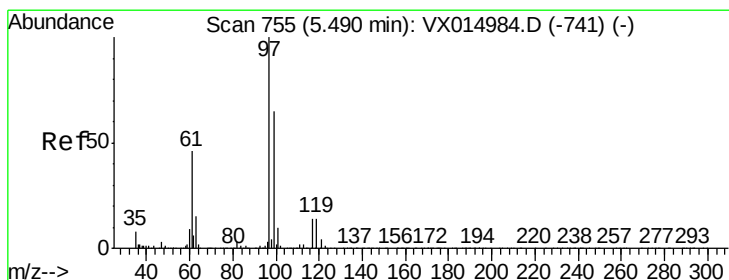
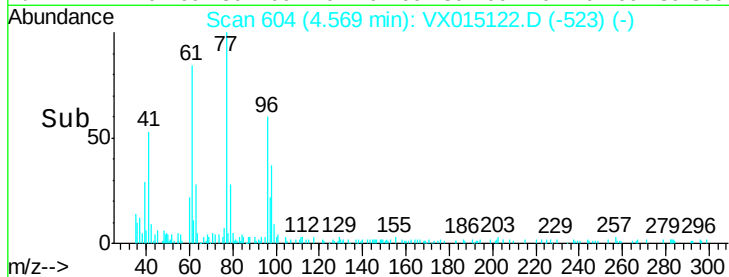
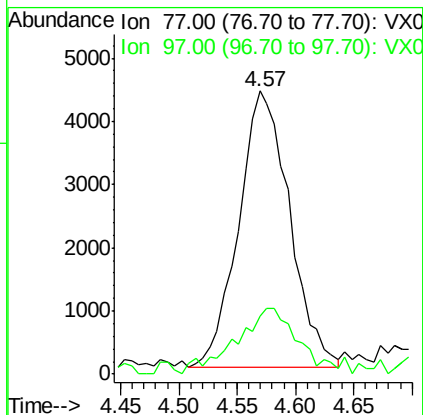
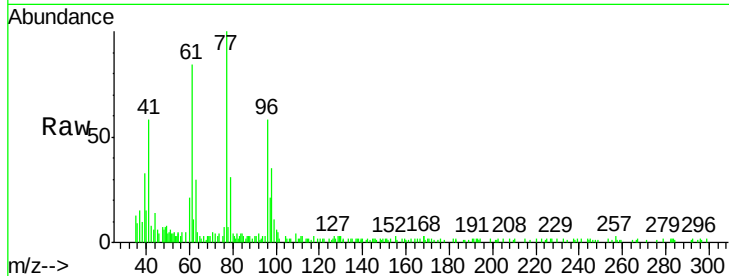
97 23.8 18.4 27.6

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3/9/2020 9:36:39 AM



#32

1,1,1-Trichloroethane

Concen: 2.517 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

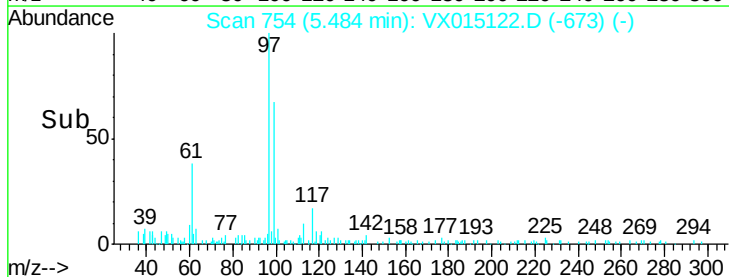
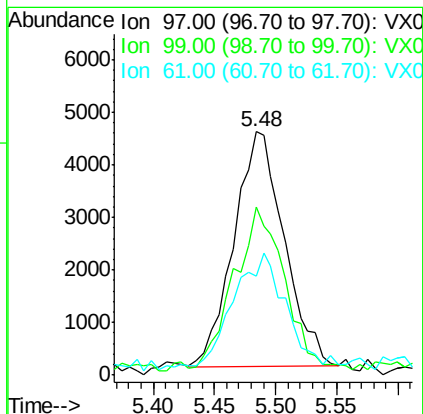
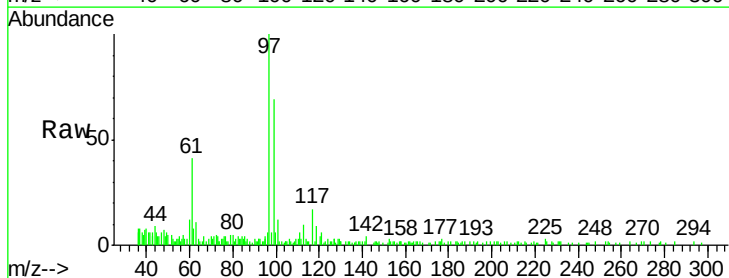
Tgt Ion: 97 Resp: 12889

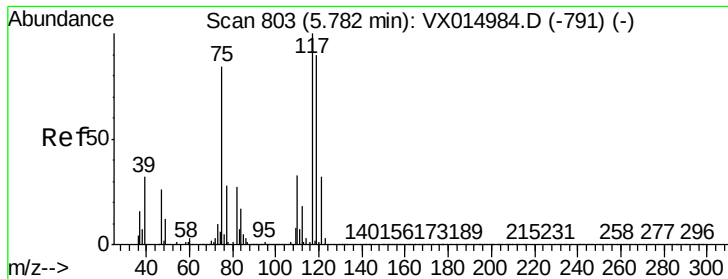
Ion Ratio Lower Upper

97 100

99 72.3 53.0 79.6

61 25.9 36.2 54.2#





#33

Carbon Tetrachloride

Concen: 2.725 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

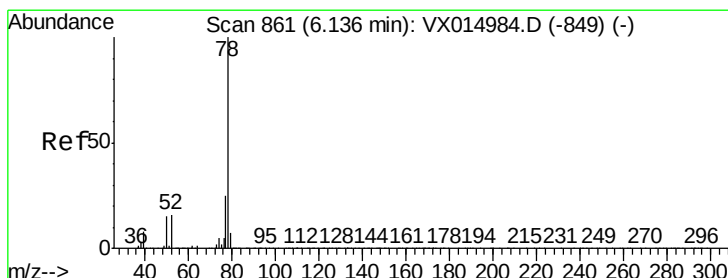
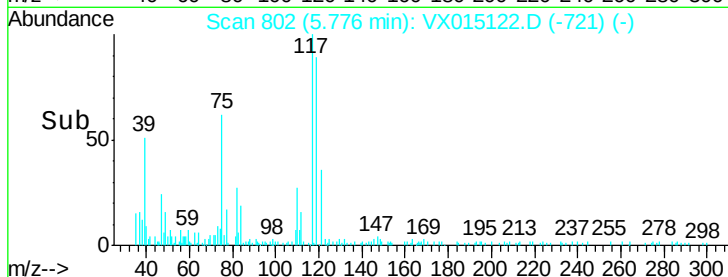
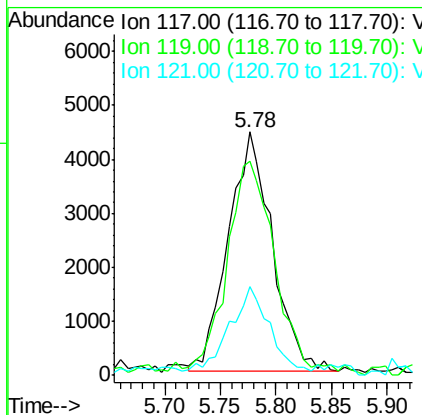
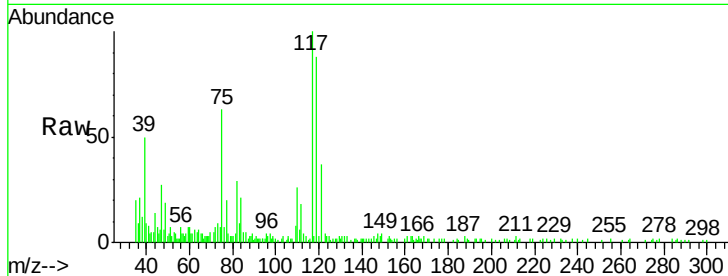
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	117	Resp:	12213
Ion Ratio	Lower	Upper	
117	100		
119	87.3	71.9	107.9
121	34.0	25.4	38.2

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#34

Benzene

Concen: 2.772 ug/l

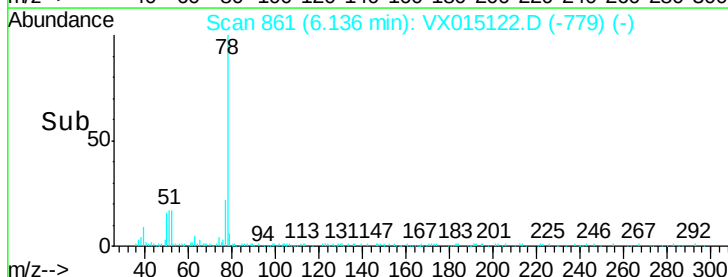
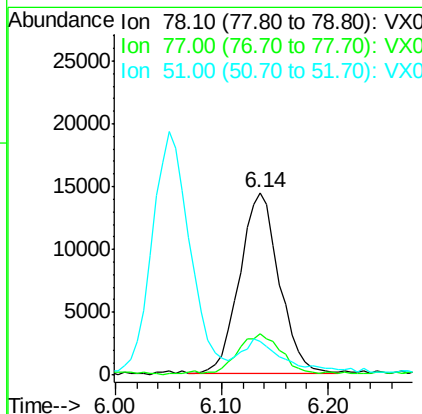
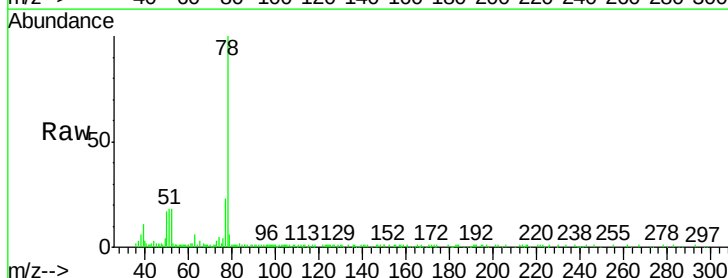
RT: 6.14 min Scan# 861

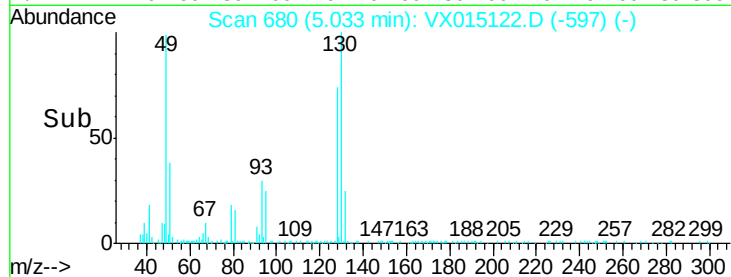
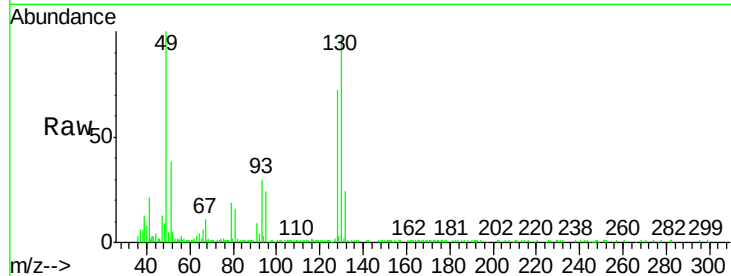
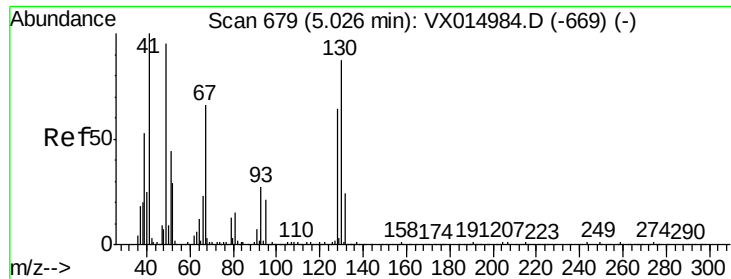
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

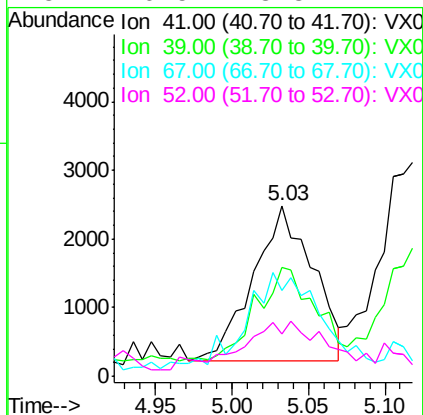
Tgt Ion:	78	Resp:	37715
Ion Ratio	Lower	Upper	
78	100		
77	22.1	20.0	30.0
51	15.3	13.3	19.9





#35
Methacrylonitrile
Concen: 2.301 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

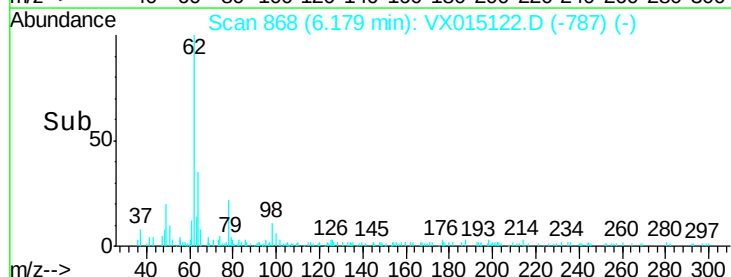
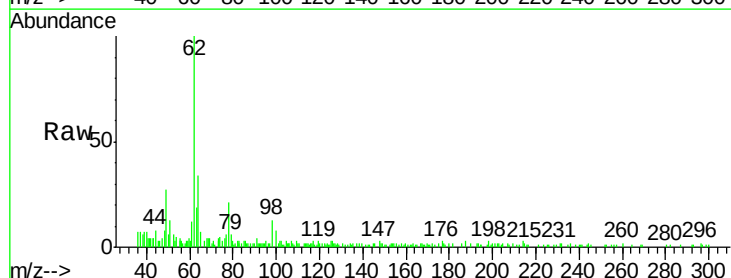
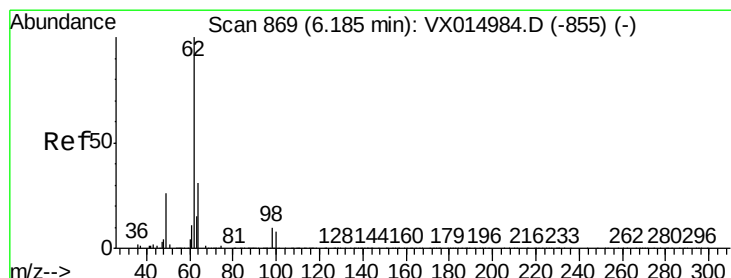
Tot Ion	41	Resp:	6108
Ion Ratio	Lower	Upper	
41	100		
39	58.1	25.9	77.7
67	42.4	32.7	98.1
52	16.5	13.8	41.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

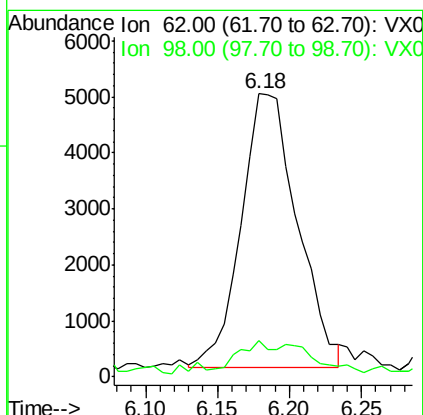
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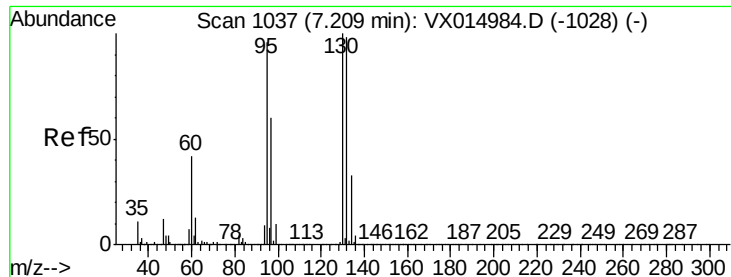
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#36
1,2-Dichloroethane
Concen: 2.757 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	62	Resp:	13277
Ion Ratio	Lower	Upper	
62	100		
98	3.1	7.5	11.3#





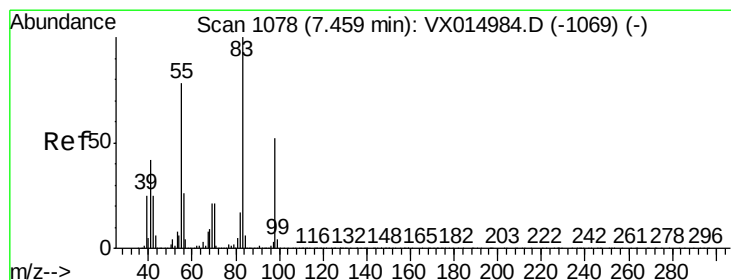
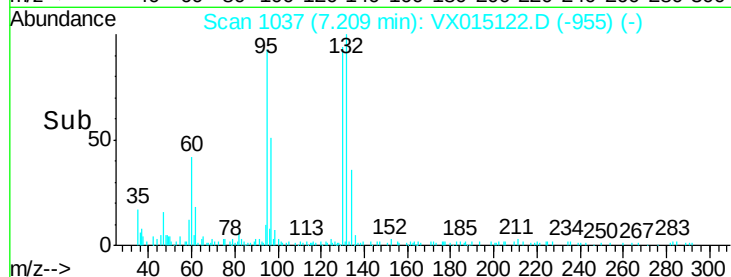
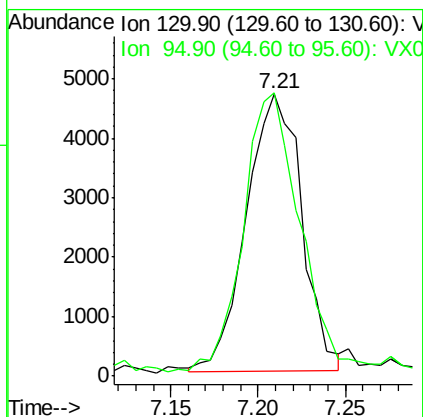
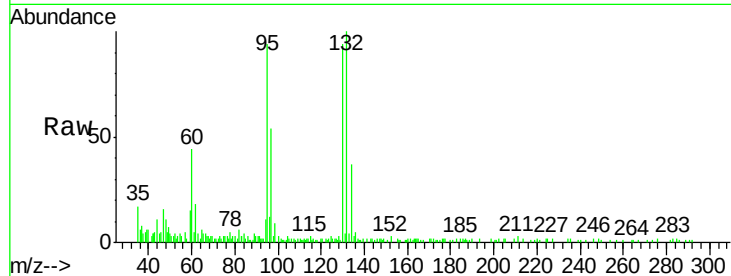
#37
 Trichloroethene
 Concen: 2.681 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:130 Resp: 10243
 Ion Ratio Lower Upper
 130 100
 95 97.9 77.1 115.7

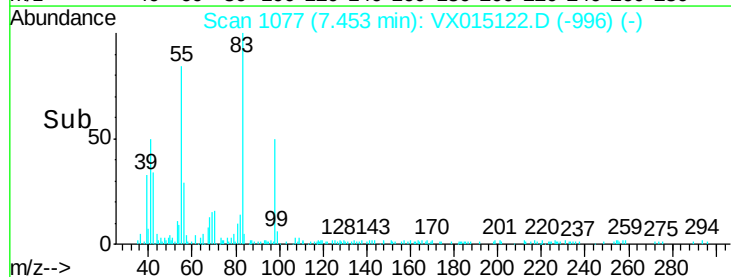
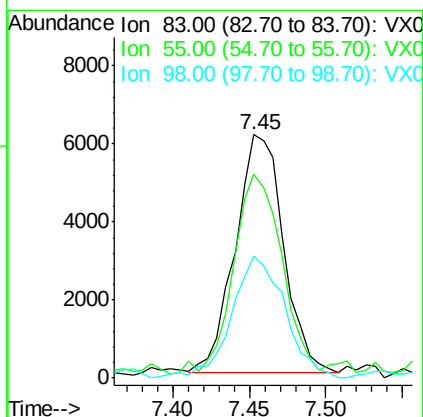
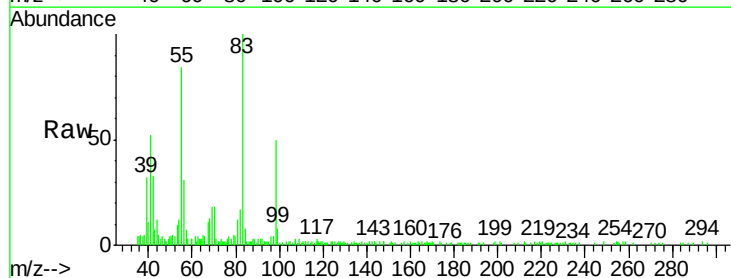
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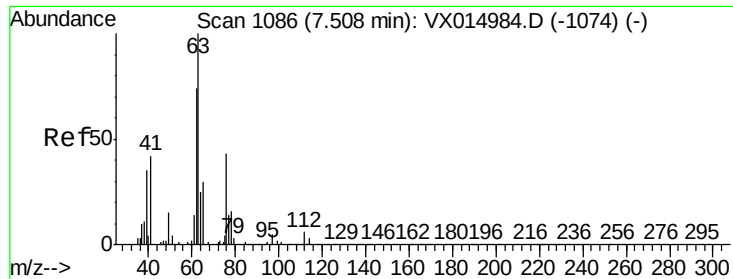
MMDadoda
 3/9/2020 9:36:39 AM



#38
 Methylcyclohexane
 Concen: 2.402 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion: 83 Resp: 13423
 Ion Ratio Lower Upper
 83 100
 55 84.2 38.2 114.6
 98 55.3 25.3 75.8





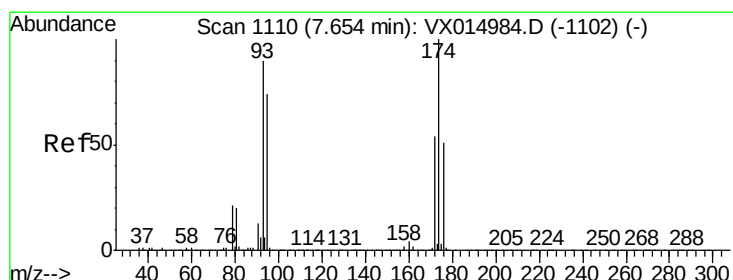
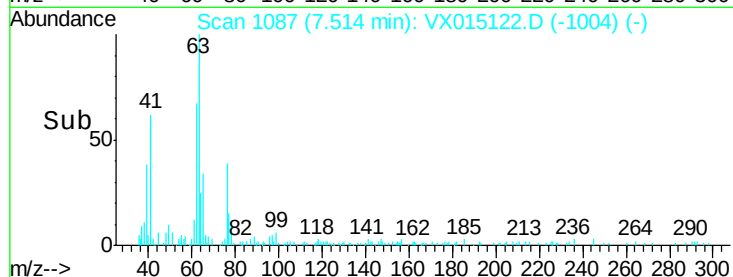
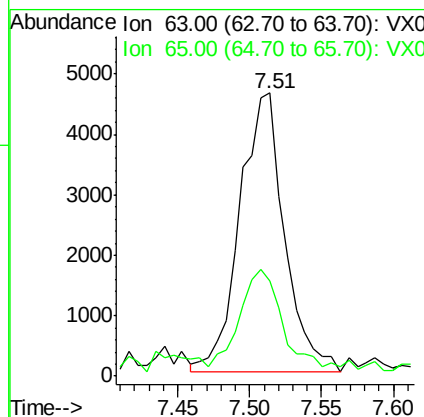
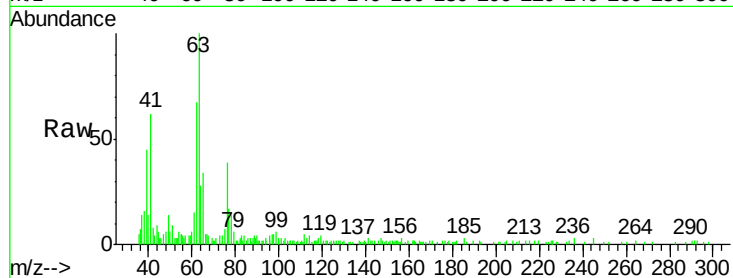
#39
 1,2-Dichloropropane
 Concen: 2.830 ug/l
 RT: 7.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	36.8

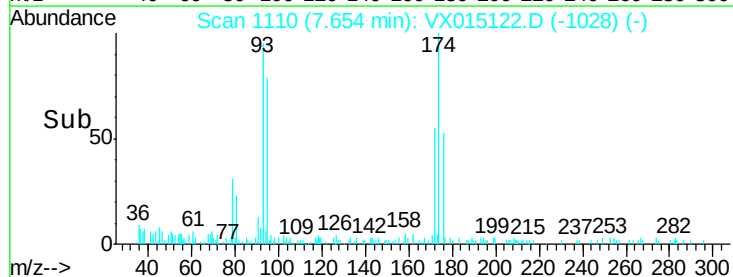
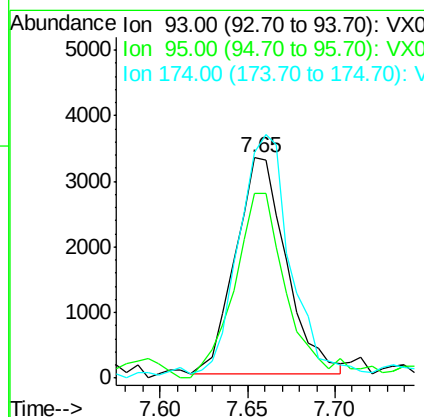
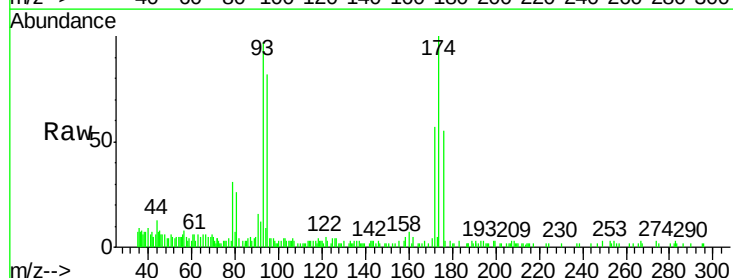
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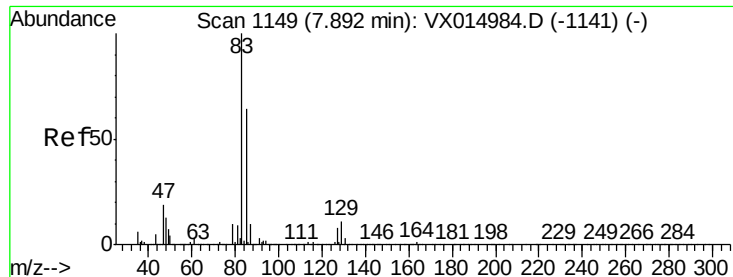
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 3/9/2020 9:36:39 AM



#40
 Dibromomethane
 Concen: 2.848 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.0	0.0	164.6
174	117.3	0.0	226.4





#41

Bromodichloromethane

Concen: 2.670 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

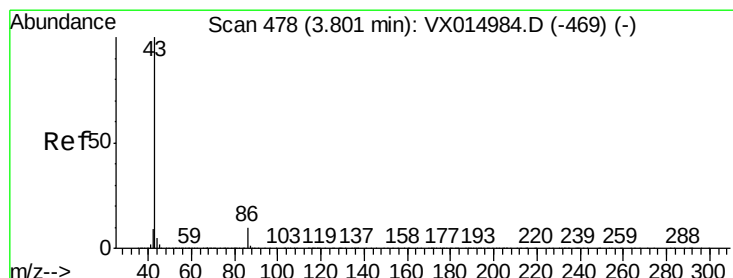
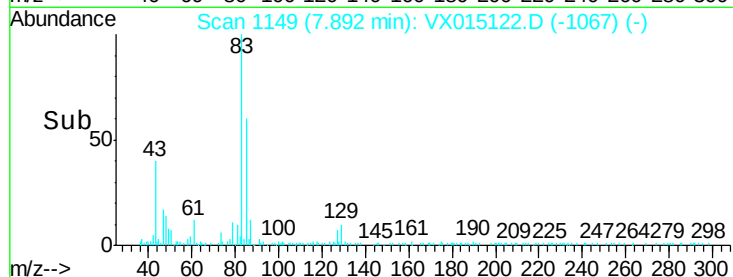
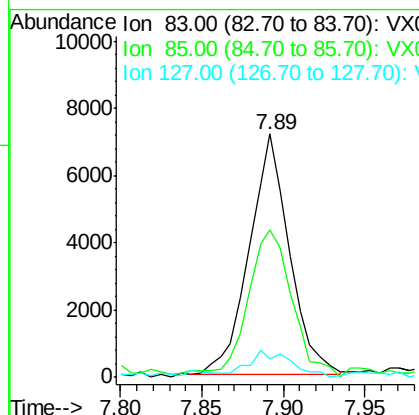
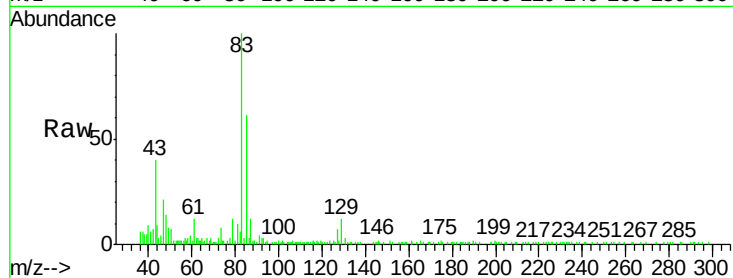
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	83	Resp	12335
Ion Ratio	Lower	Upper	
83	100		
85	61.5	51.0	76.4
127	6.6	6.6	10.0#

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#42

Vinyl Acetate

Concen: 12.435 ug/l

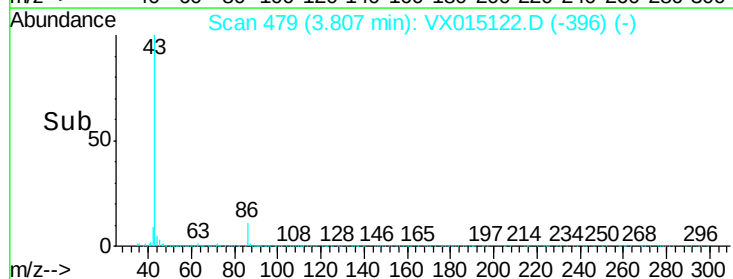
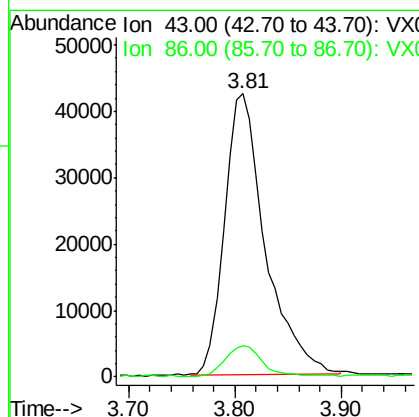
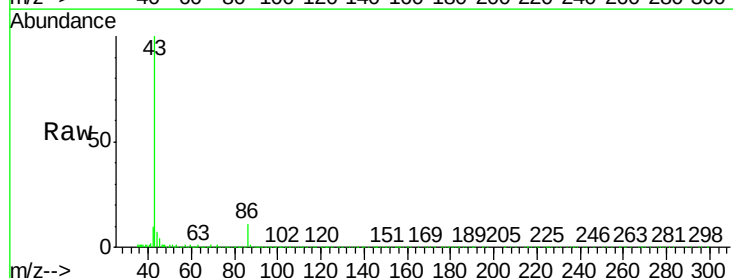
RT: 3.81 min Scan# 479

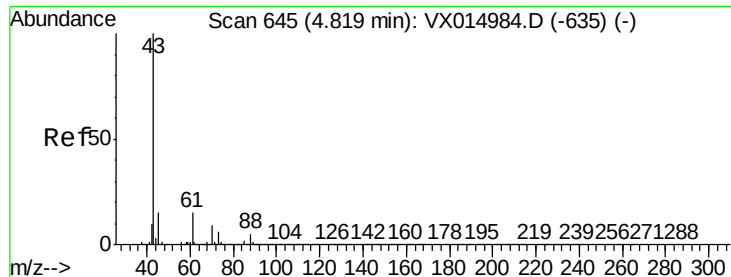
Delta R.T. 0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion	43	Resp	113911
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.6	11.4





#43

Ethyl Acetate

Concen: 2.272 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 10699

Ion Ratio Lower Upper

43 100

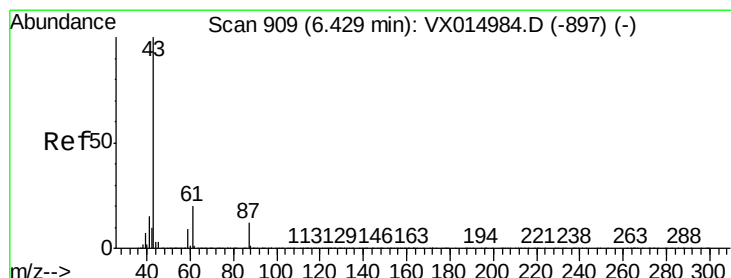
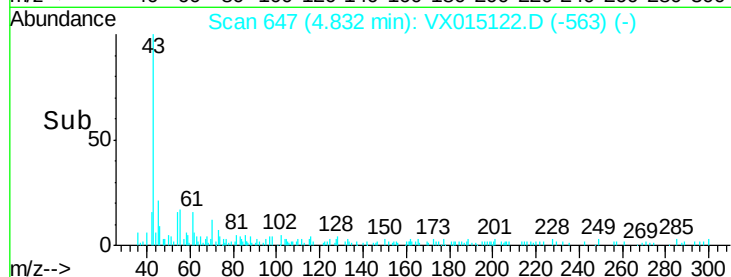
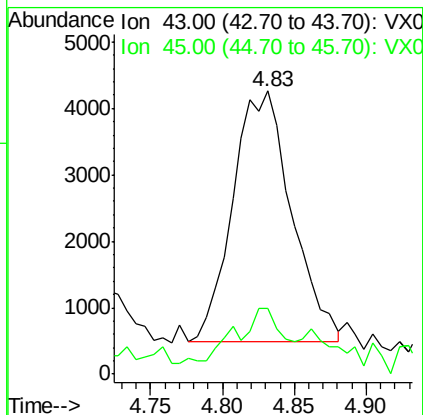
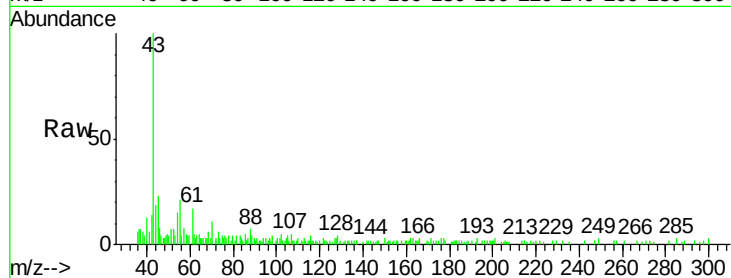
45 11.6 10.8 16.2

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3/9/2020 9:36:39 AM



#44

Isopropyl Acetate

Concen: 2.355 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX015122.D

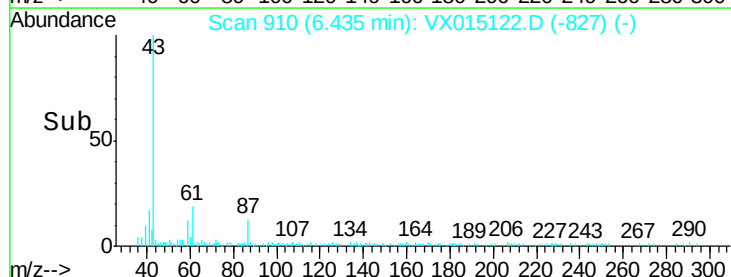
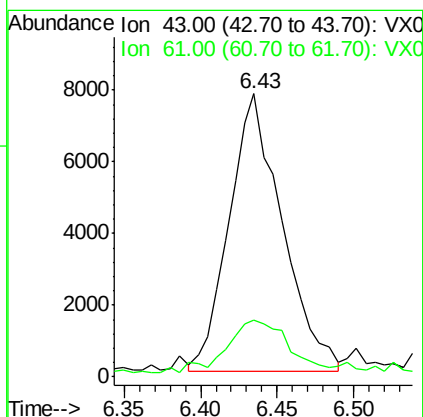
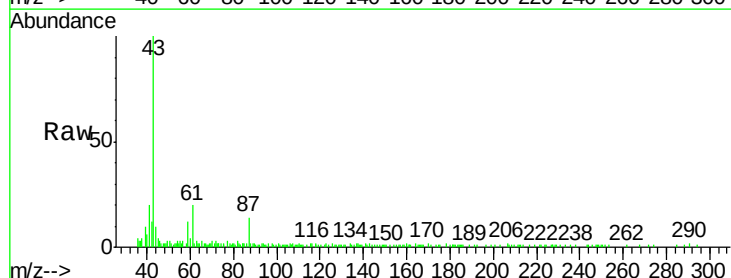
Acq: 06 Mar 2020 13:24

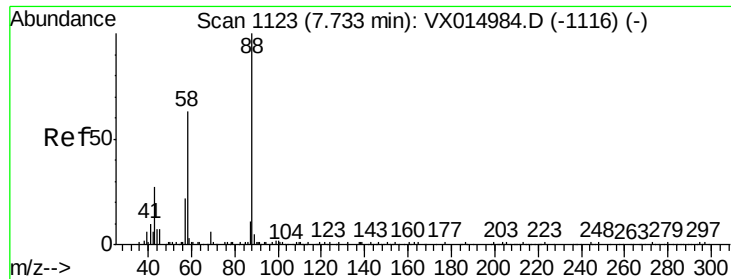
Tgt Ion: 43 Resp: 18645

Ion Ratio Lower Upper

43 100

61 18.3 15.6 23.4





#45

1,4-Dioxane

Concen: 38.634 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

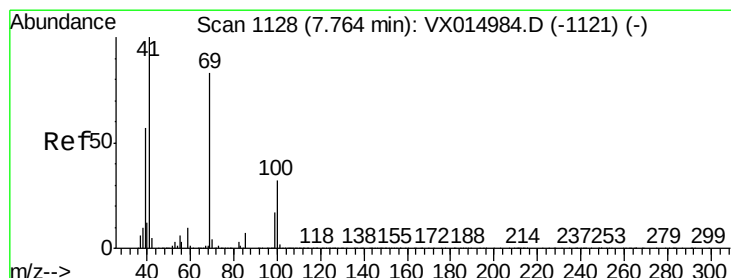
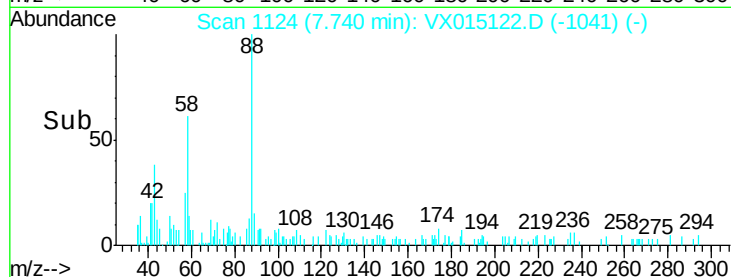
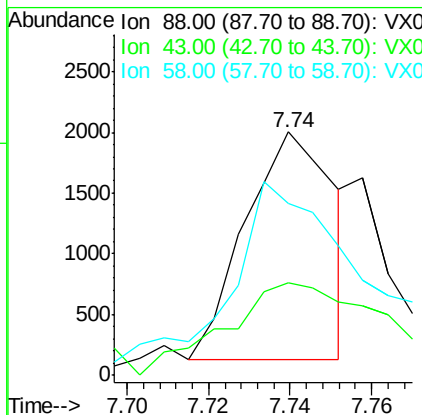
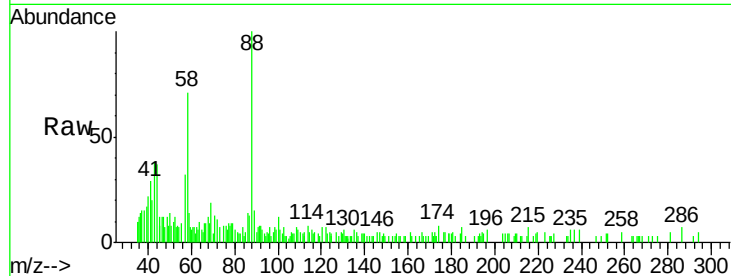
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	88	Resp:	2826
Ion	Ratio	Lower	Upper
88	100		
43	68.7	25.4	38.2#
58	114.6	55.8	83.8#

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#46

Methyl methacrylate

Concen: 2.698 ug/l

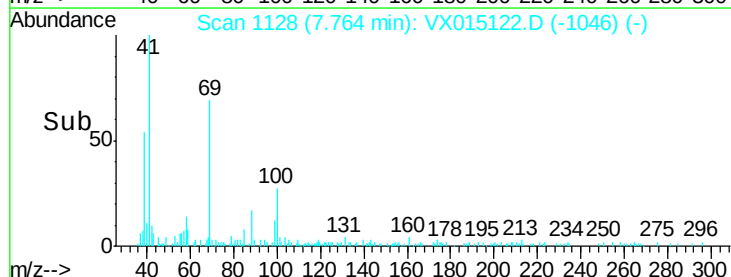
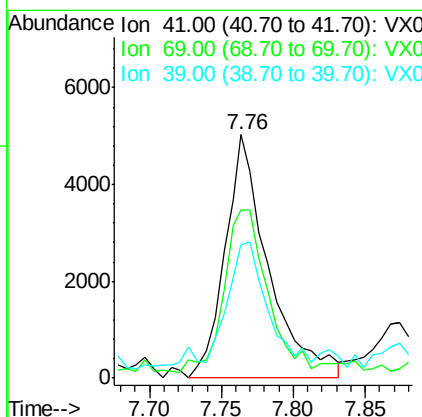
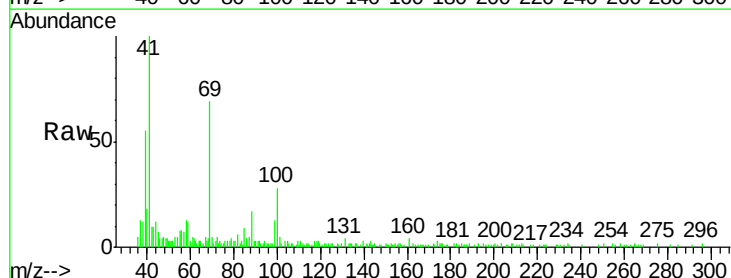
RT: 7.76 min Scan# 1128

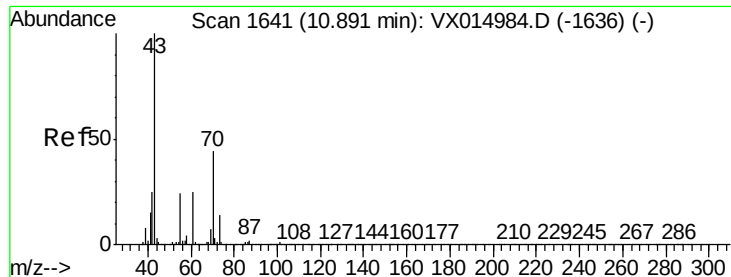
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	41	Resp:	10566
Ion	Ratio	Lower	Upper
41	100		
69	63.1	41.4	124.2
39	45.6	28.3	84.9





#47

n-amvl Acetate

Concen: 2.025 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 13886

Ion Ratio Lower Upper

43 100

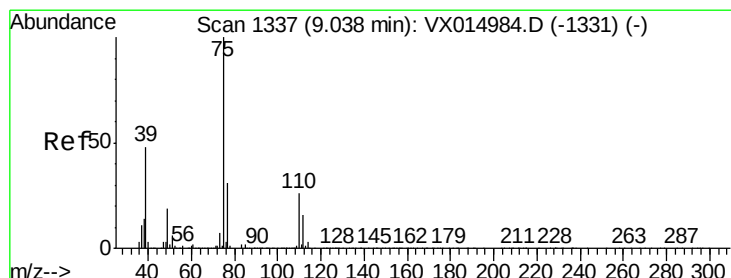
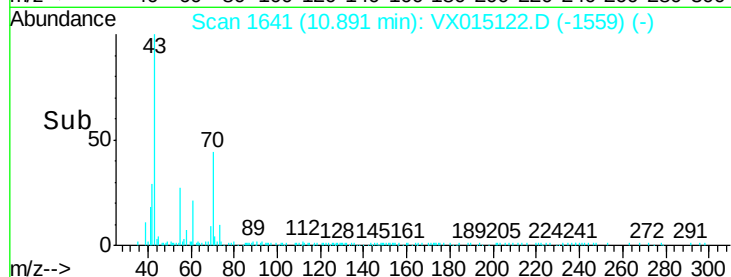
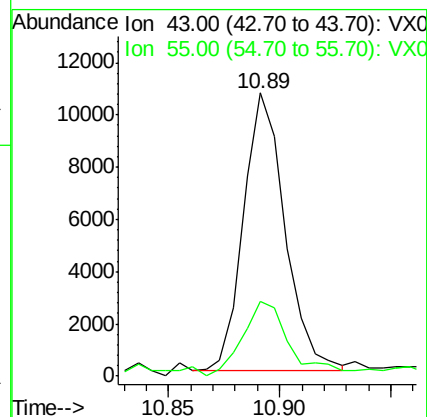
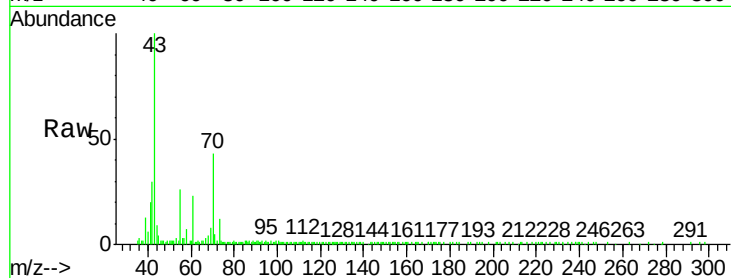
55 27.1 19.2 28.8

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 2.397 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015122.D

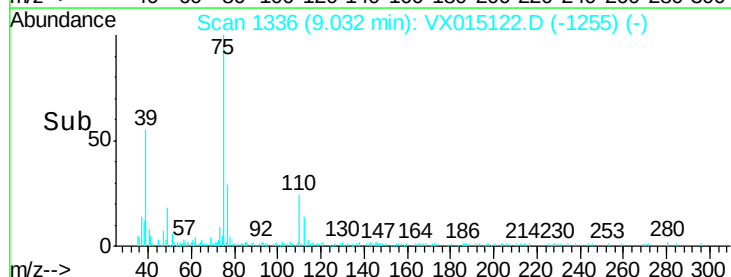
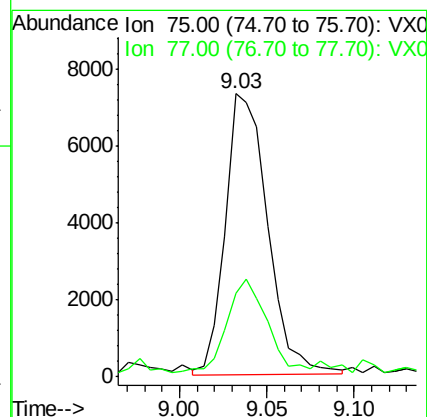
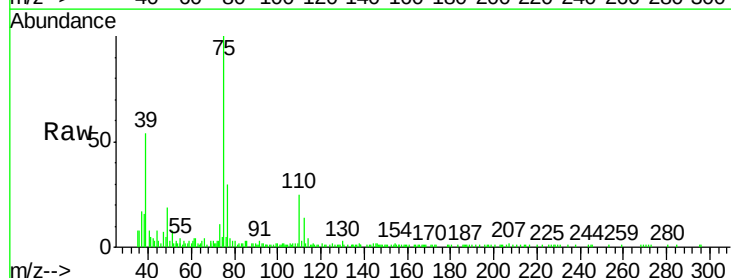
Acq: 06 Mar 2020 13:24

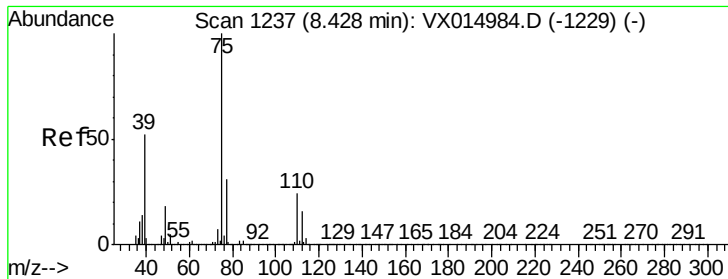
Tgt Ion: 75 Resp: 12286

Ion Ratio Lower Upper

75 100

77 27.4 24.6 36.8





#49

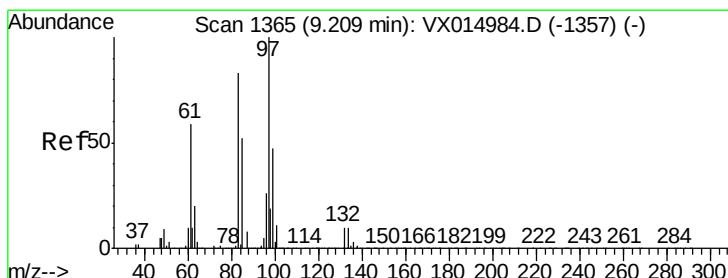
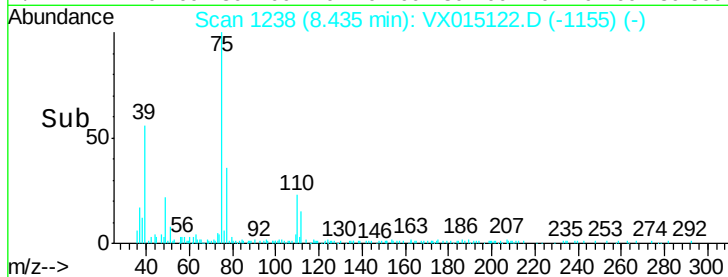
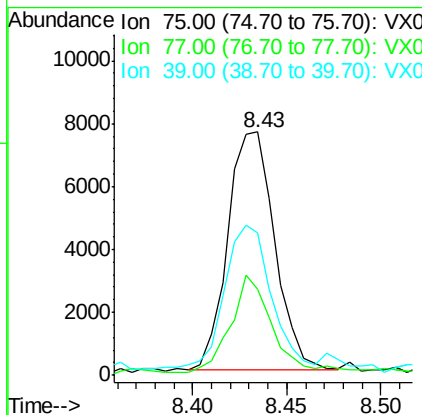
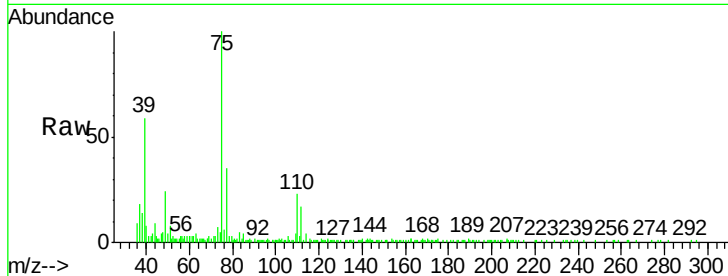
cis-1,3-Dichloropropene
Concen: 2.326 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.0	24.6	36.8
39	55.8	41.5	62.3

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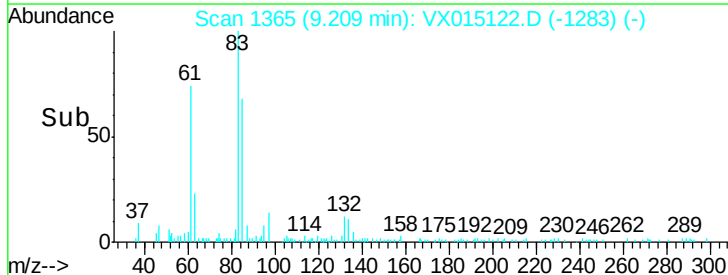
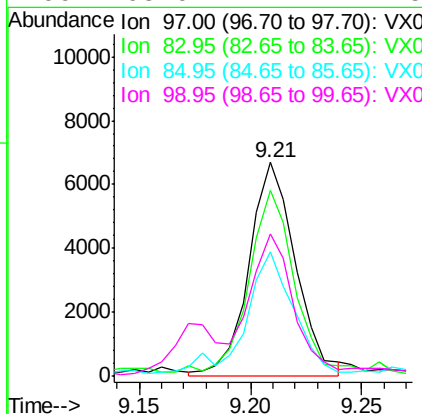
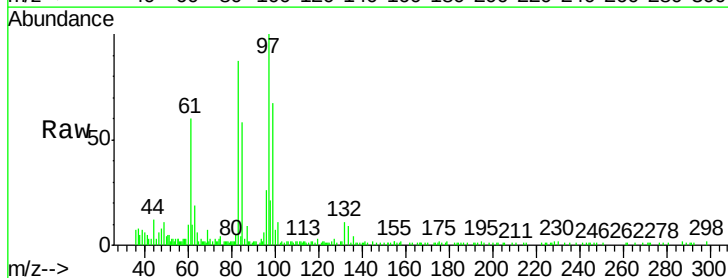
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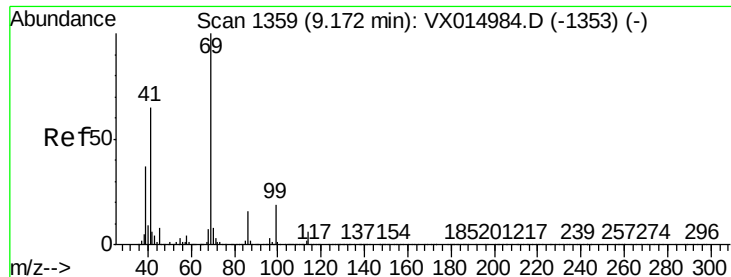


#50

1,1,2-Trichloroethane
Concen: 2.801 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.2	99.2
85	57.3	42.4	63.6
99	65.0	47.7	71.5





#51

Ethyl methacrylate

Concen: 2.165 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

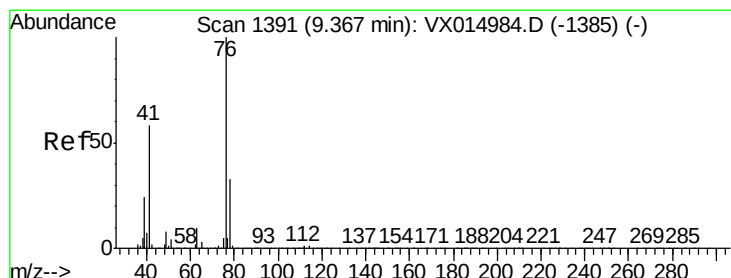
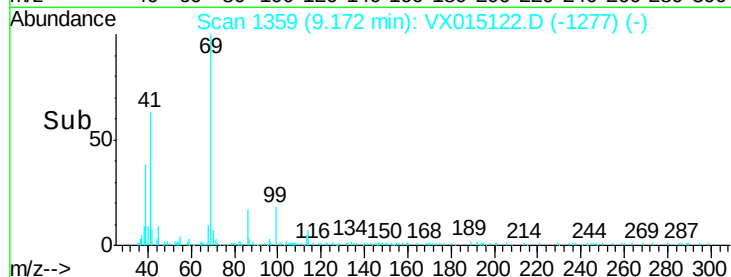
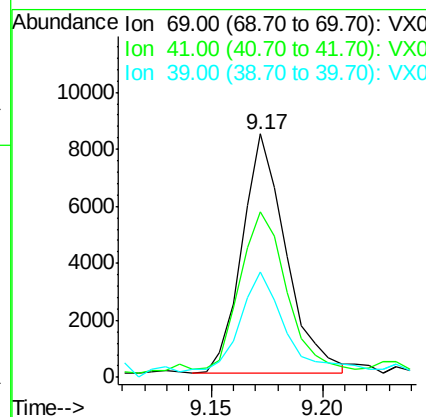
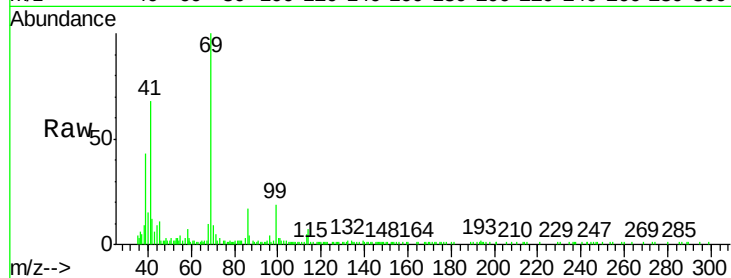
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	69	Resp:	11644
Ion Ratio	Lower	Upper	
69	100		
41	65.9	32.7	98.1
39	40.4	18.2	54.6

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#52

1,3-Dichloropropane

Concen: 2.878 ug/l

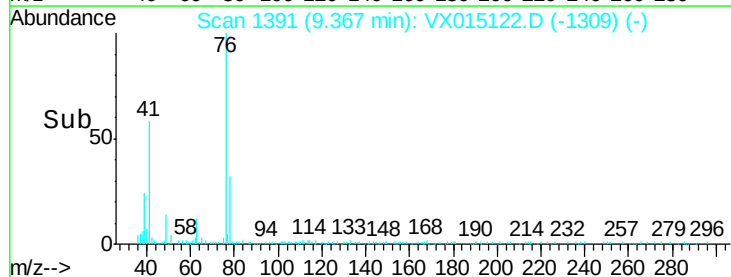
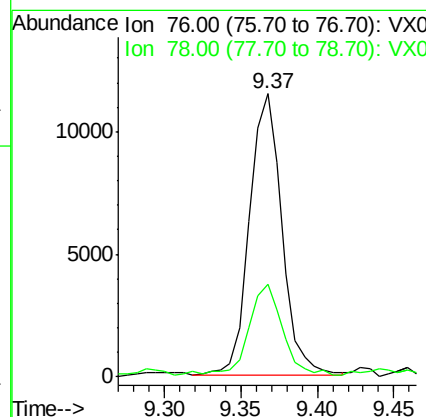
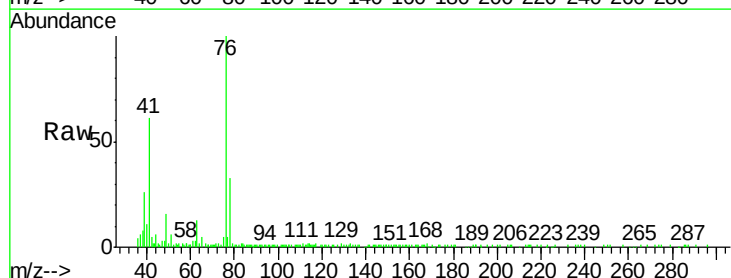
RT: 9.37 min Scan# 1391

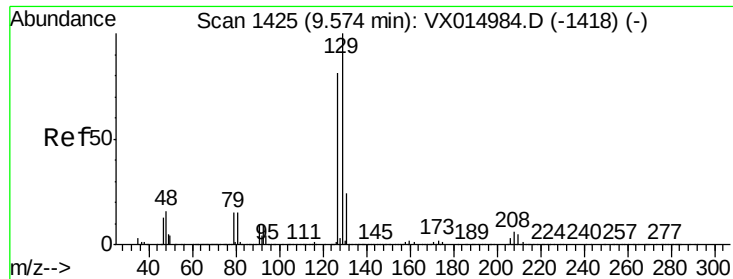
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	76	Resp:	16962
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	65.0





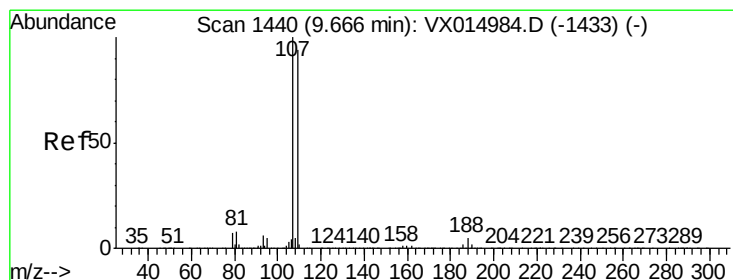
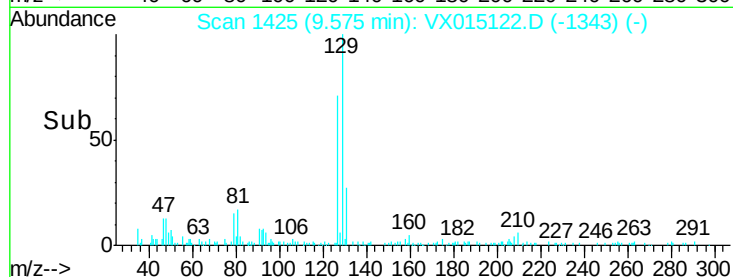
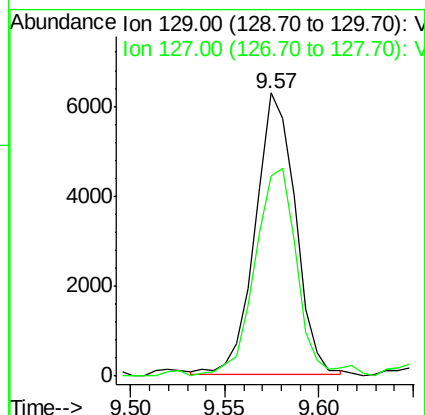
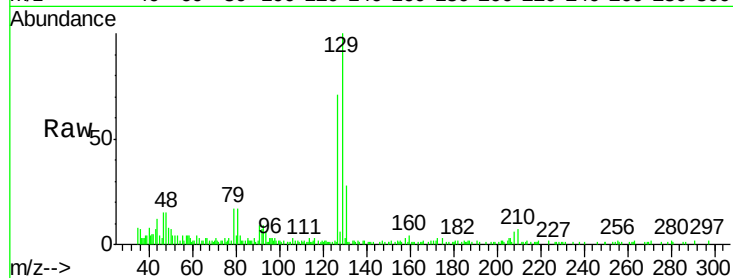
#53
Dibromochloromethane
Concen: 2.465 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.3	114.9

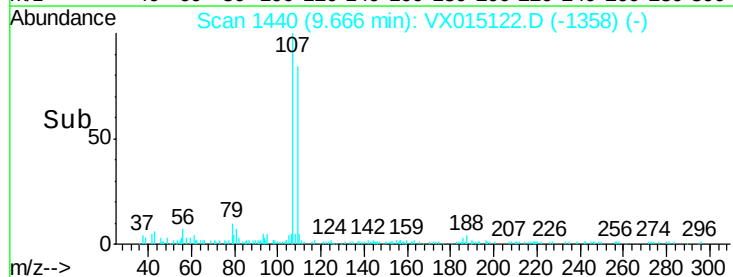
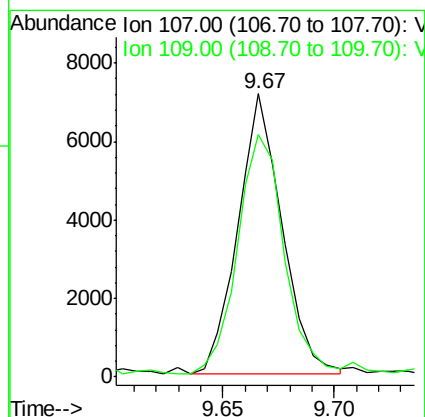
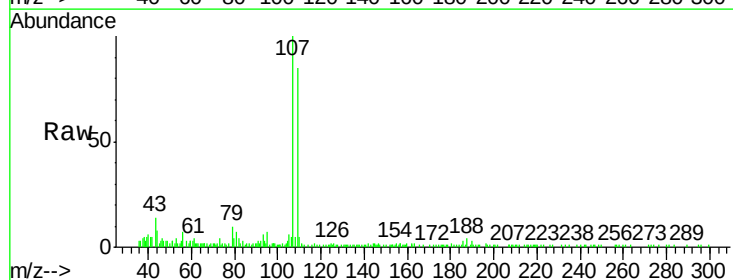
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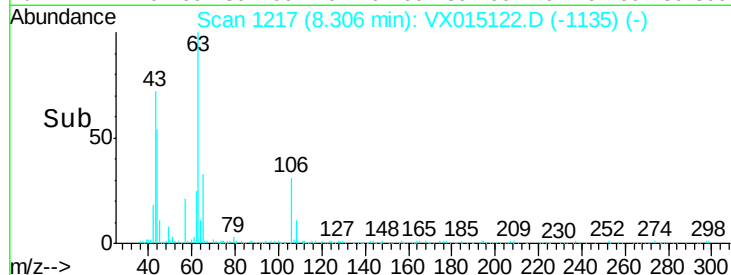
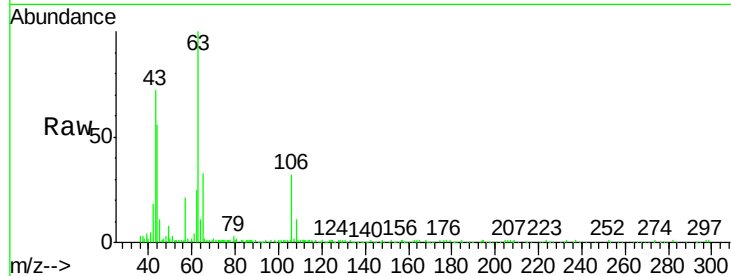
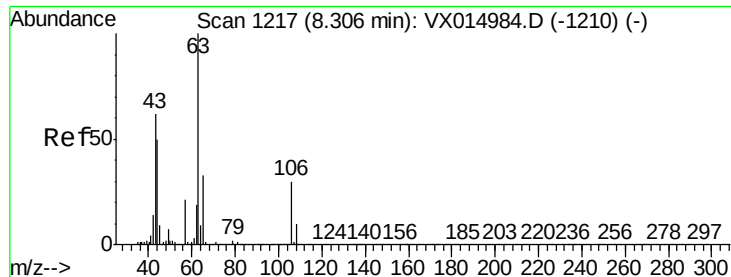
MMDadoda
3/9/2020 9:36:39 AM



#54
1,2-Dibromoethane
Concen: 2.664 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.3	76.3	114.5





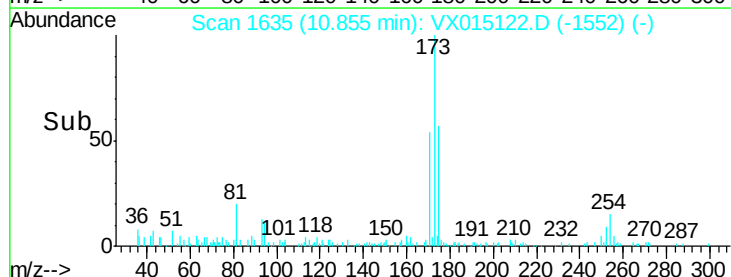
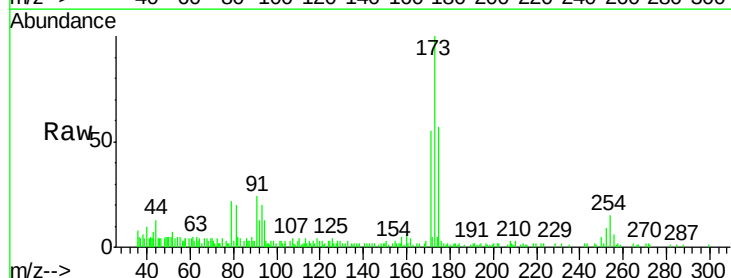
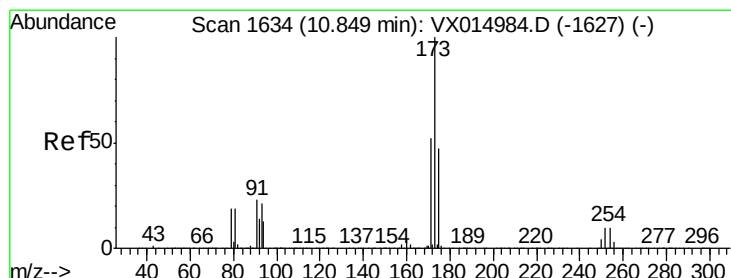
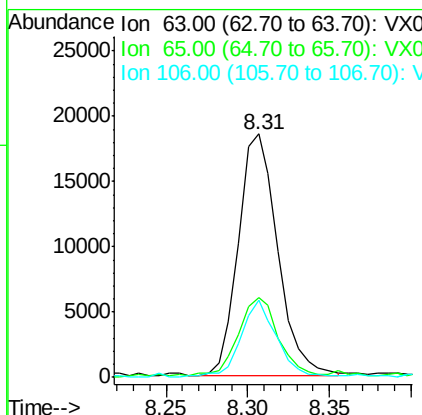
#55
2-Chloroethyl vinyl ether
Concen: 10.944 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tot Ion:	63	Resp:	31347
Ion Ratio	Lower	Upper	
63	100		
65	31.7	26.0	39.0
106	29.0	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

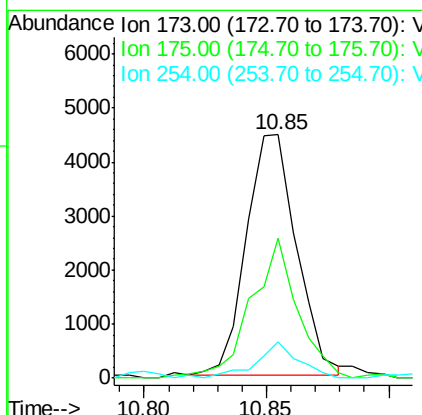
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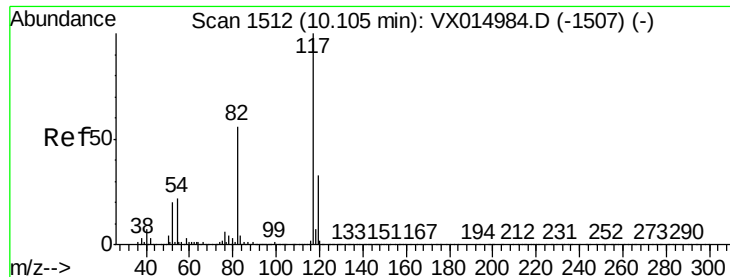
MMDadoda
3/9/2020 9:36:39 AM



#56
Bromoform
Concen: 2.152 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion:	173	Resp:	6355
Ion Ratio	Lower	Upper	
173	100		
175	54.1	38.6	57.8
254	12.6	8.6	13.0





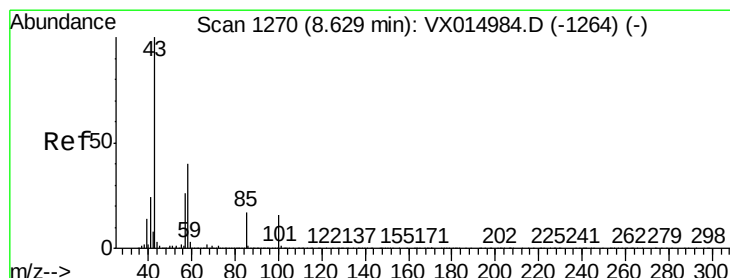
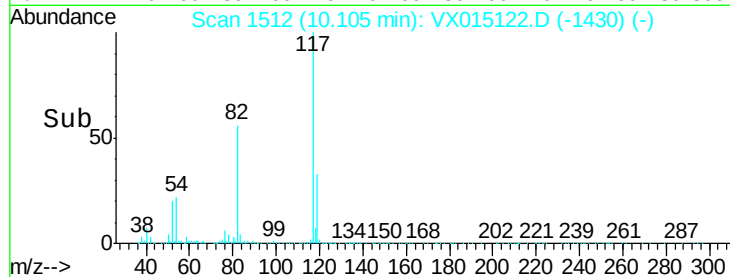
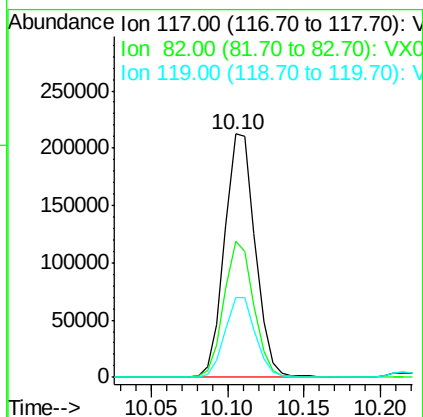
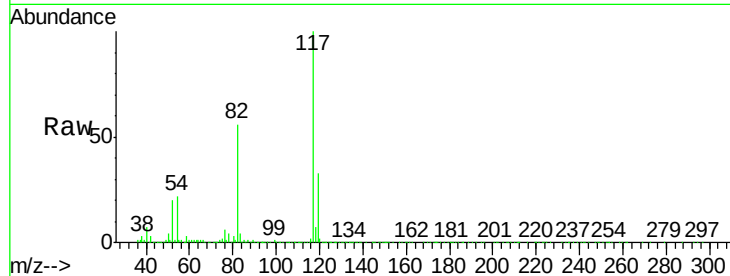
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	117	Resp:	294249
Ion Ratio	Lower	Upper	
117	100		
82	54.6	43.4	65.2
119	32.6	26.0	39.0

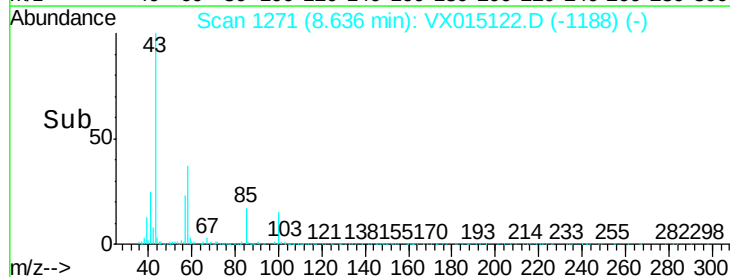
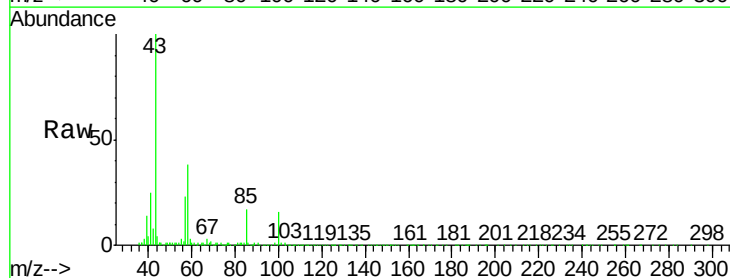
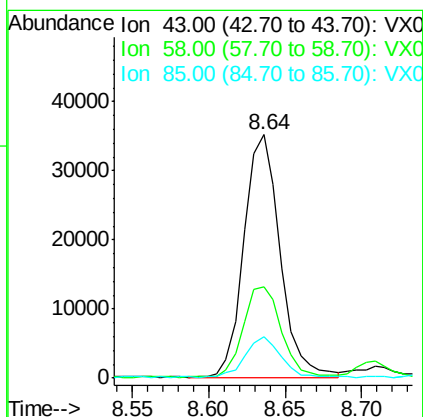
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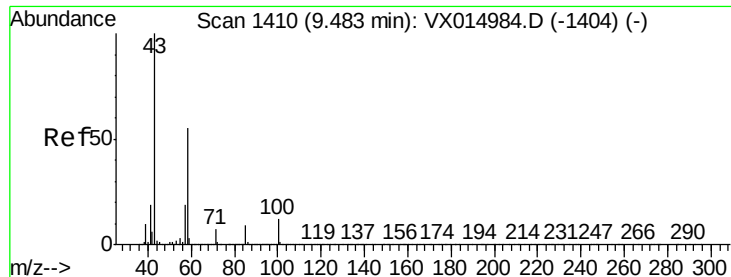
MMDadoda
3/9/2020 9:36:39 AM



#58
4-Methyl-2-Pentanone
Concen: 12.116 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion:	43	Resp:	58427
Ion Ratio	Lower	Upper	
43	100		
58	39.1	31.7	47.5
85	17.2	14.4	21.6





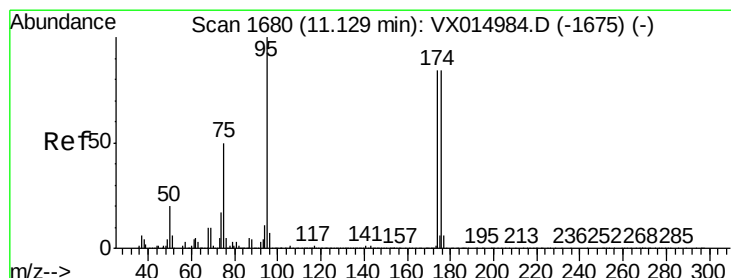
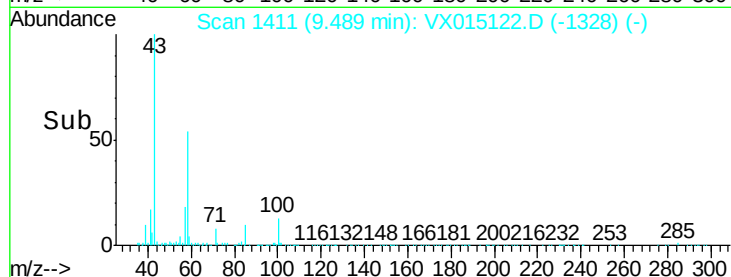
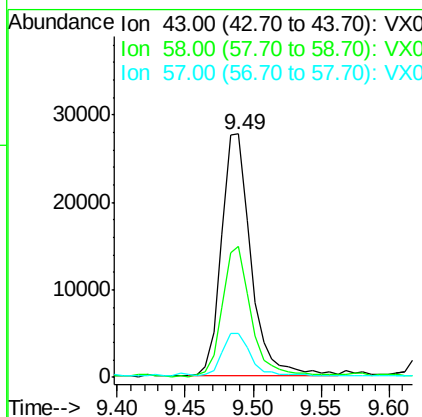
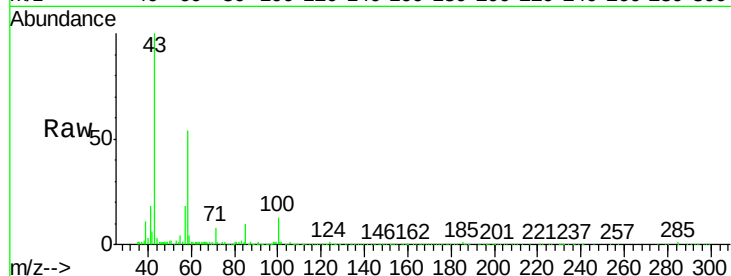
#59
2-Hexanone
Concen: 11.062 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	44.1	66.1
57	16.0	15.3	22.9

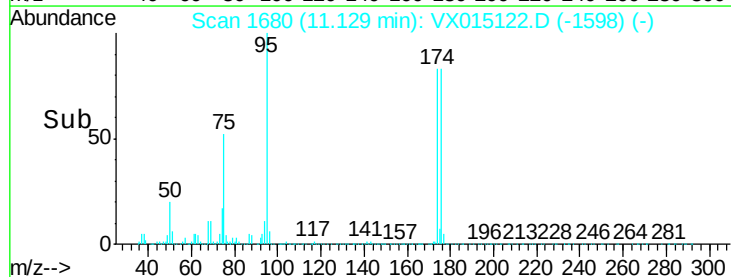
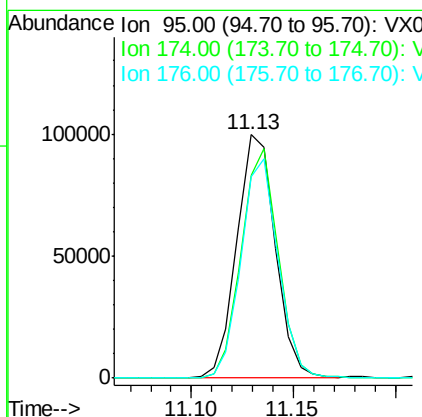
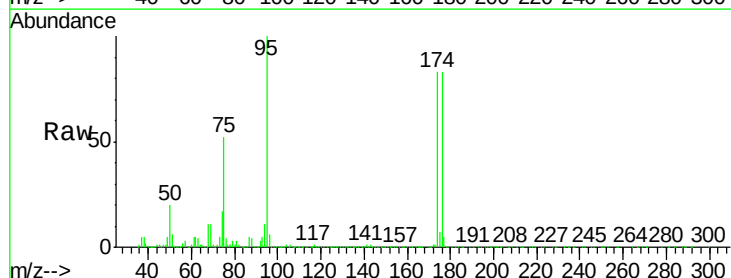
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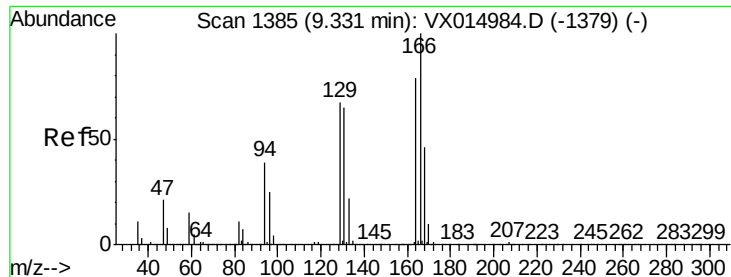
MMDadoda
3/9/2020 9:36:39 AM



#60
4-Bromofluorobenzene
Concen: 28.504 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.7	72.3	108.5
176	87.7	72.0	108.0





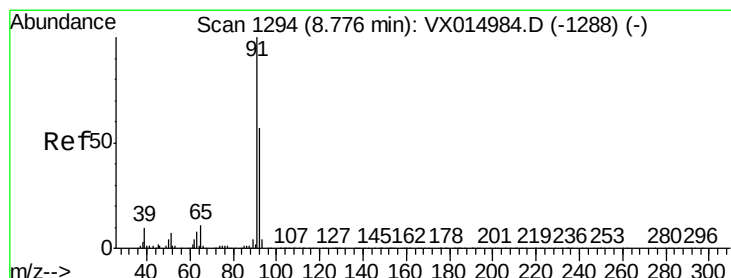
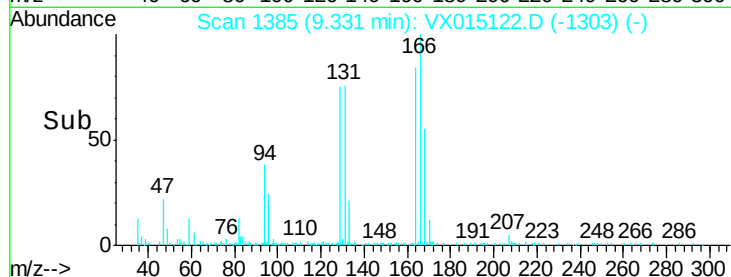
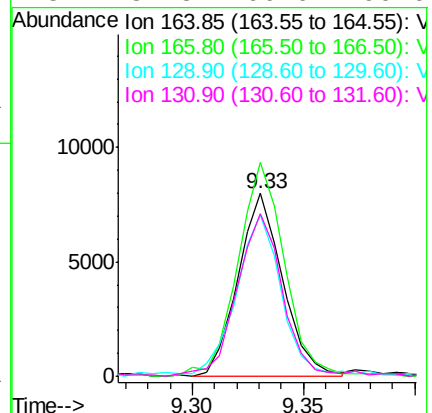
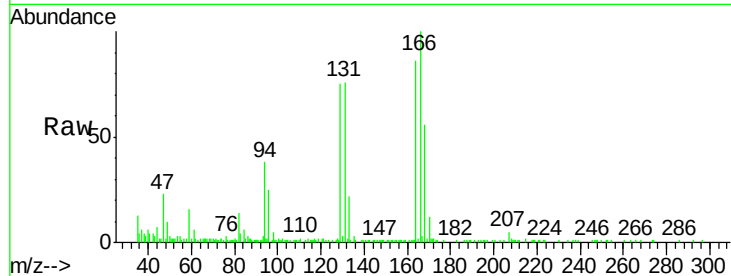
#61
Tetrachloroethene
Concen: 2.823 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	164	Resp:	11157
Ion	Ratio	Lower	Upper
164	100		
166	115.6	101.2	151.8
129	86.3	67.6	101.4
131	87.8	66.0	99.0

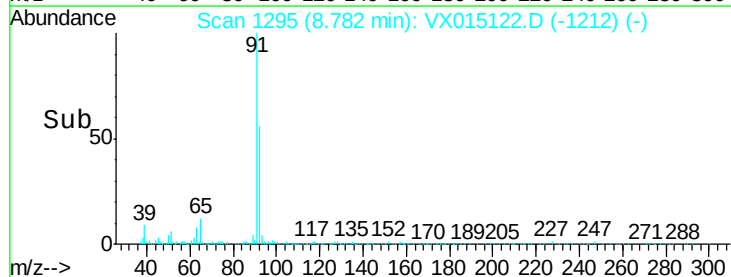
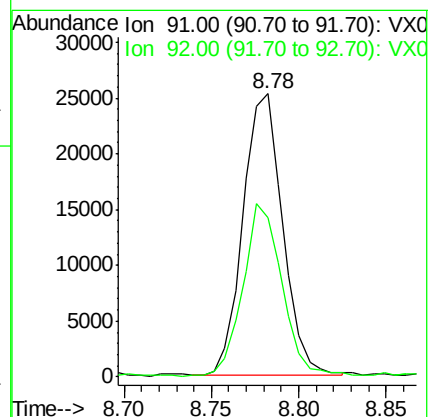
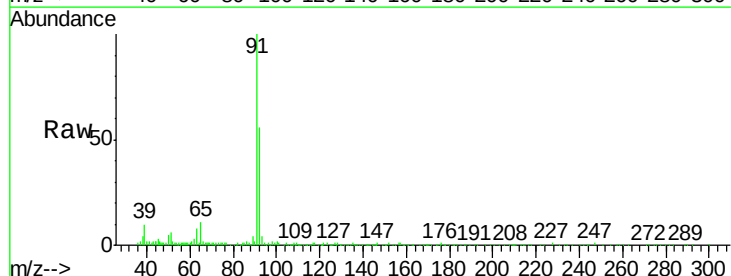
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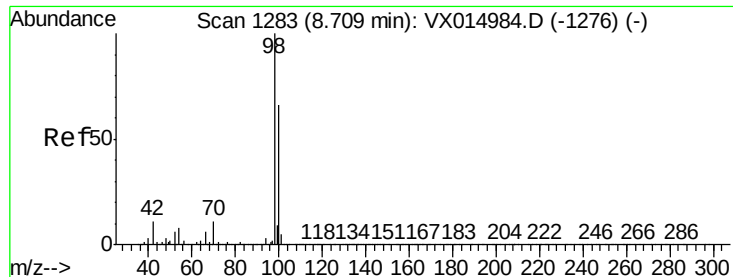
MMDadoda
3/9/2020 9:36:39 AM



#62
Toluene
Concen: 2.665 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion:	91	Resp:	40171
Ion	Ratio	Lower	Upper
91	100		
92	60.7	46.6	69.8





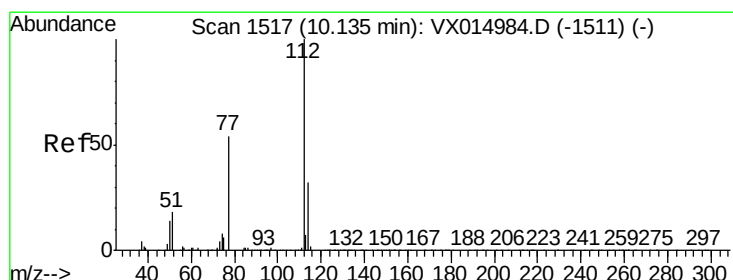
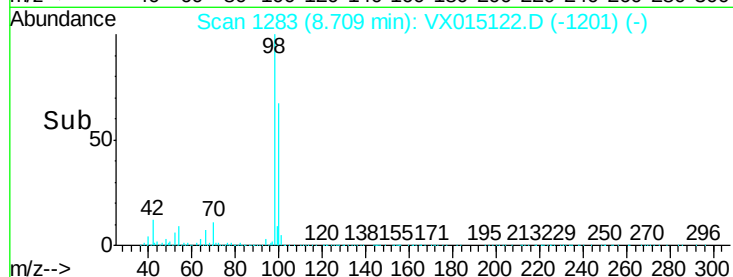
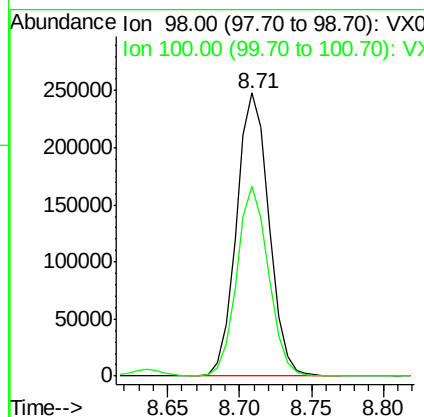
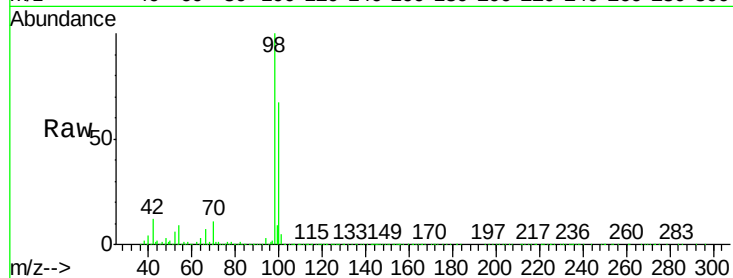
#63
Toluene-d8
Concen: 30.315 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 98 Resp: 388994
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2

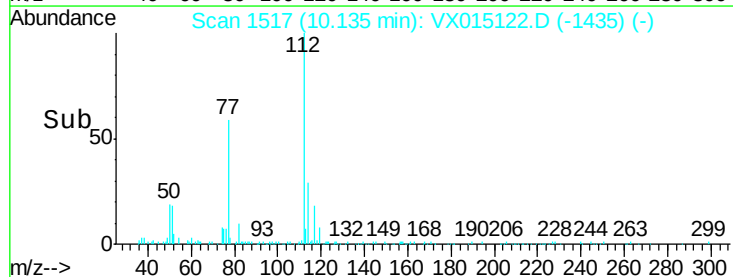
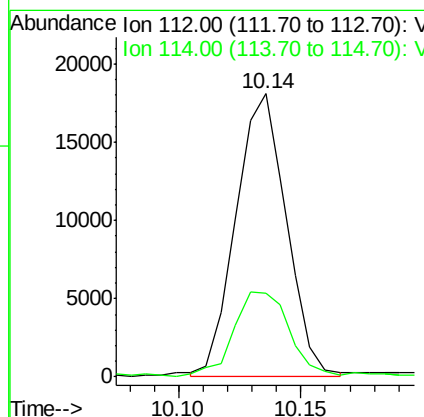
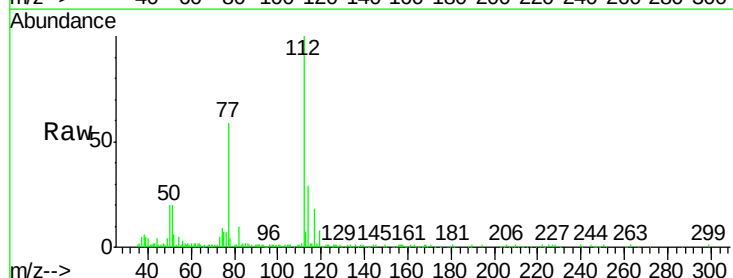
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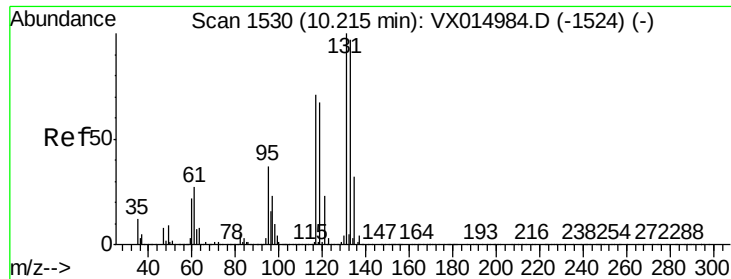
MMDadoda
3/9/2020 9:36:39 AM



#64
Chlorobenzene
Concen: 2.698 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion: 112 Resp: 25954
Ion Ratio Lower Upper
112 100
114 29.2 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 2.656 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

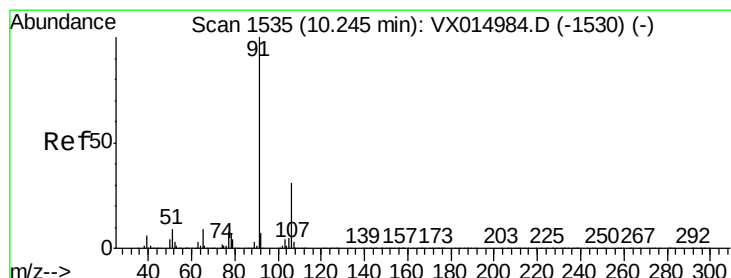
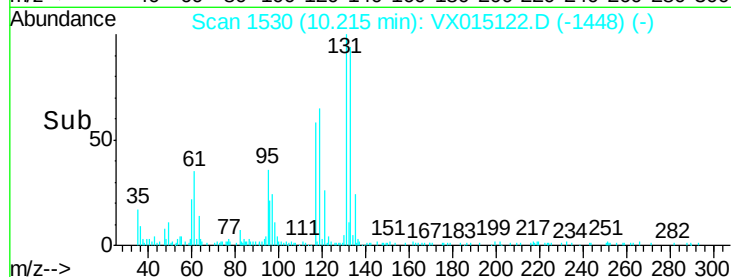
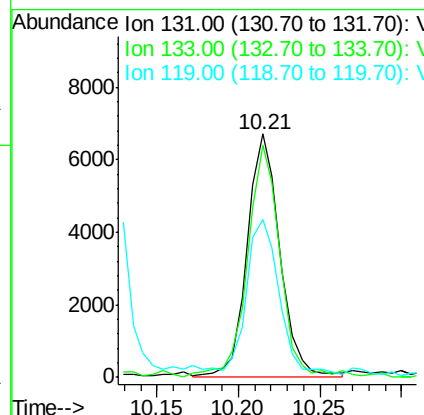
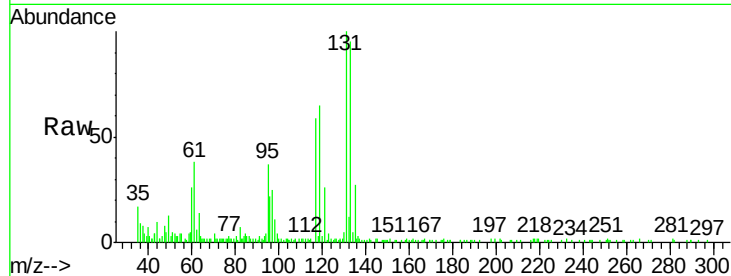
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	131	Resp:	9464
Ion	Ratio	Lower	Upper
131	100		
133	94.0	0.0	191.4
119	64.2	0.0	132.0

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#66

Ethyl Benzene

Concen: 2.354 ug/l

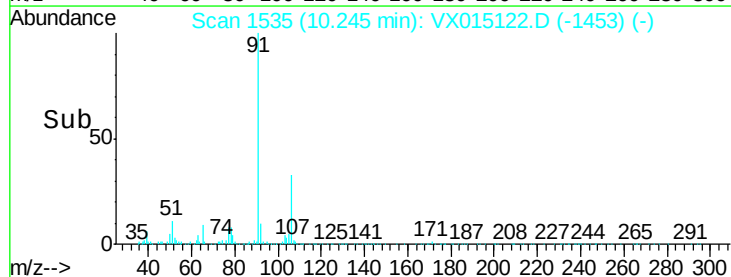
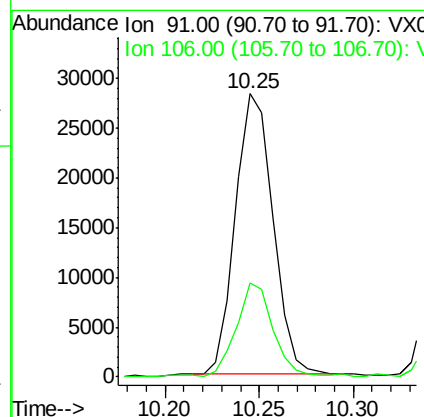
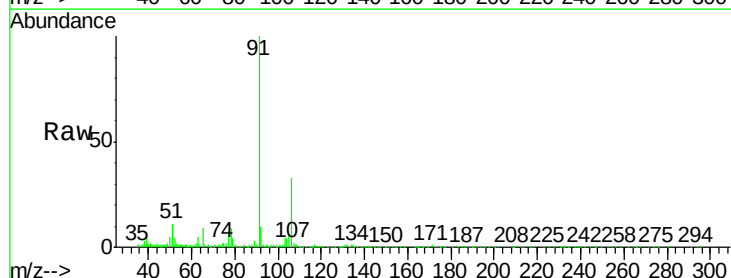
RT: 10.25 min Scan# 1535

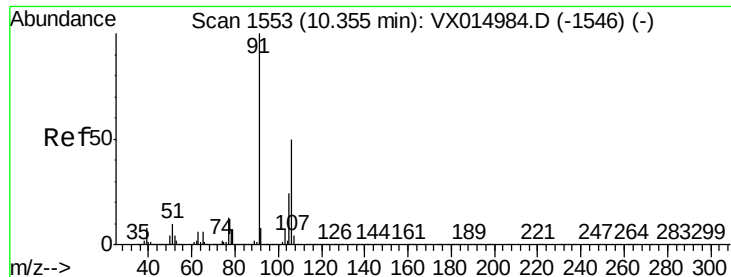
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	91	Resp:	39083
Ion	Ratio	Lower	Upper
91	100		
106	33.0	24.7	37.1





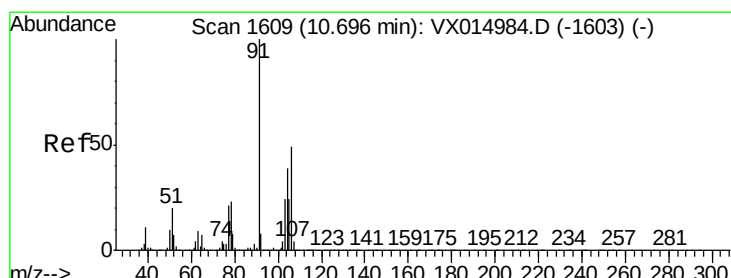
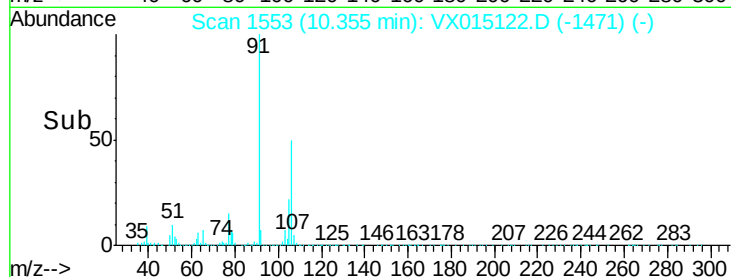
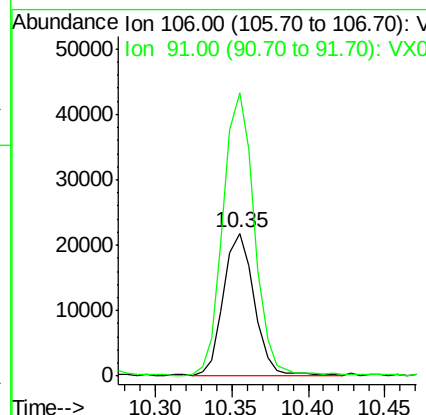
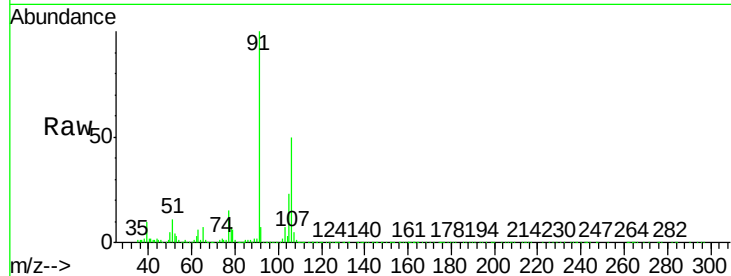
#67
m/p-Xylenes
Concen: 4.764 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.6	160.4	240.6

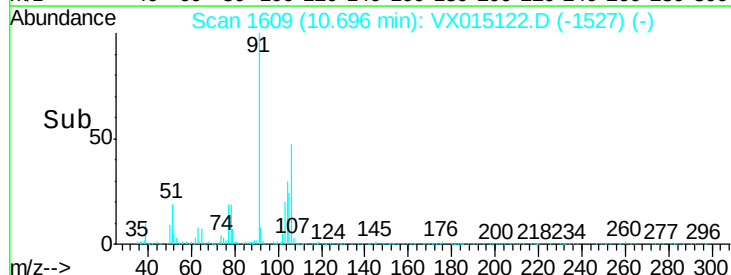
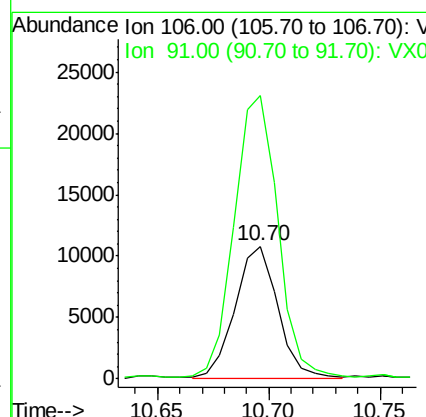
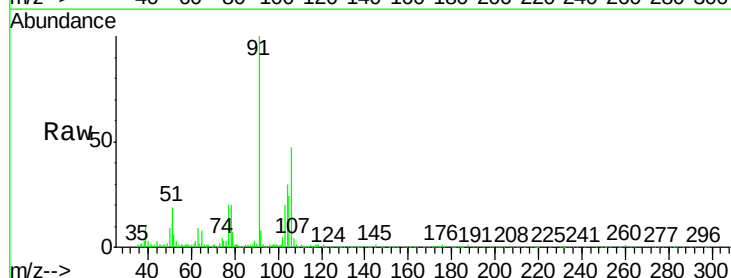
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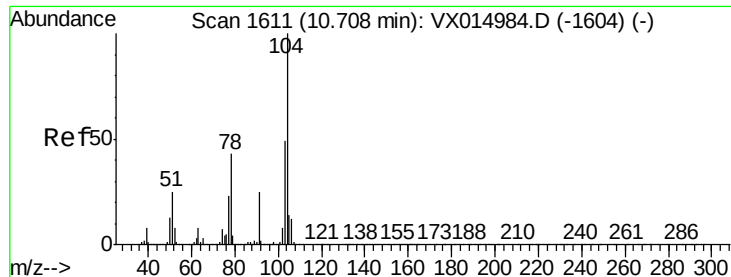
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#68
o-Xylene
Concen: 2.310 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	218.4	105.3	315.9





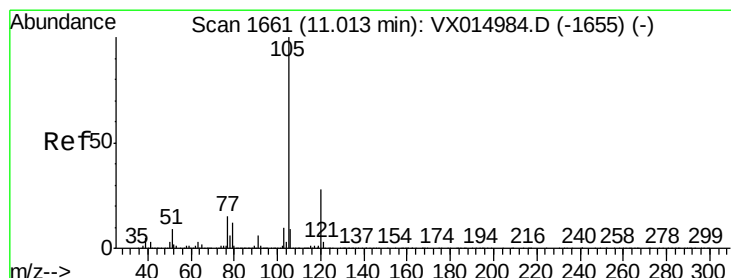
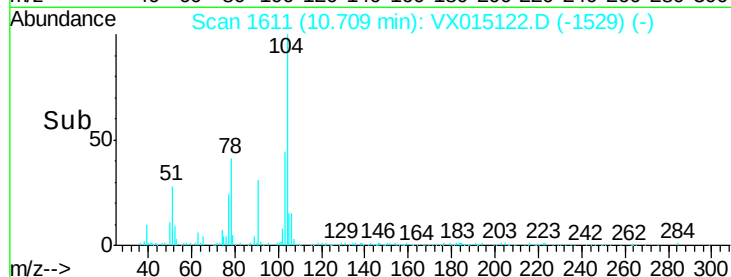
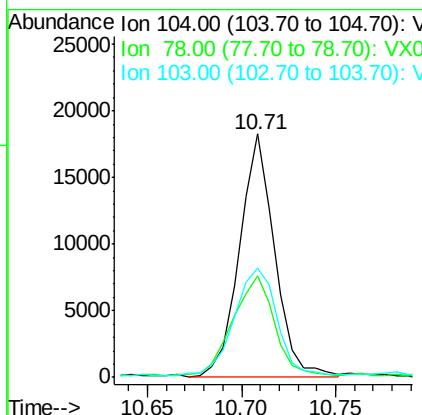
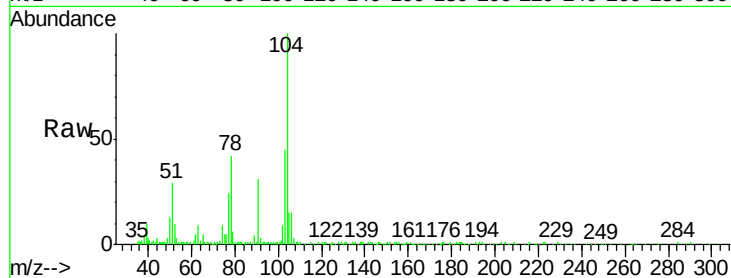
#69
Stvrene
Concen: 2.241 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	39.4	59.2
103	54.1	42.9	64.3

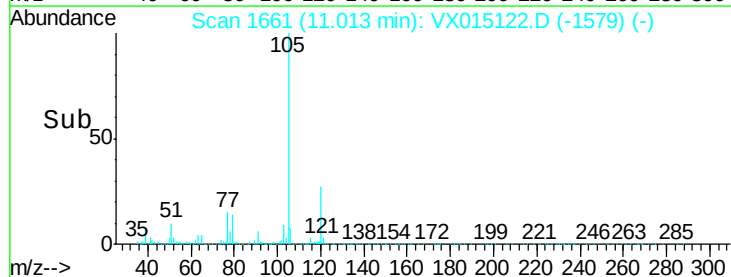
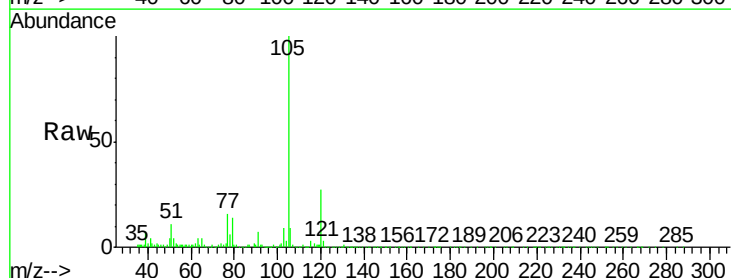
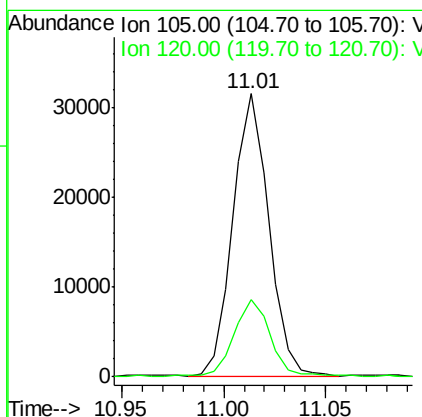
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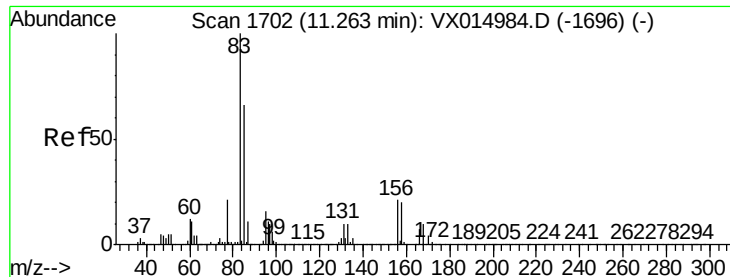
MMDadoda
3/9/2020 9:36:39 AM



#70
Isopropylbenzene
Concen: 2.325 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.3	18.8	35.0





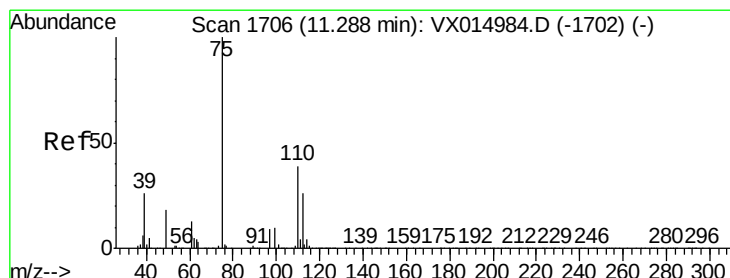
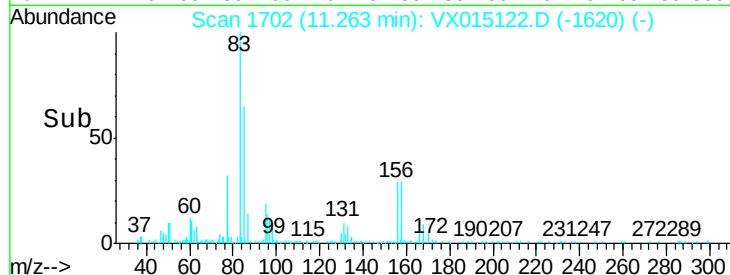
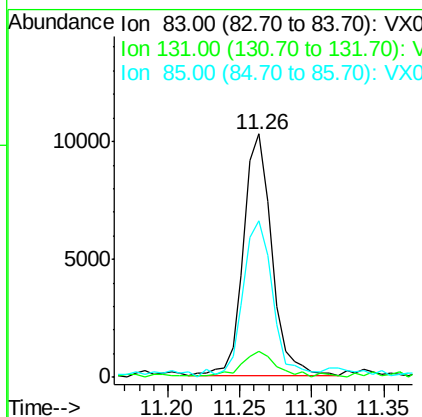
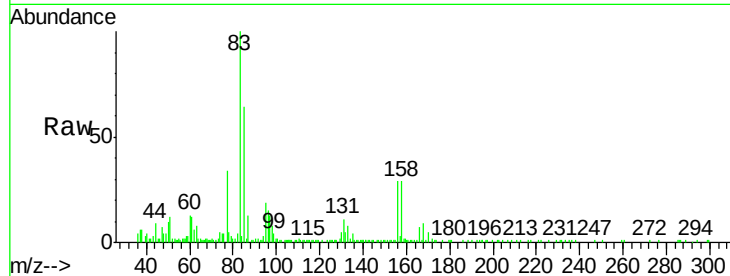
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.633 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	13.4	5.1	15.4	
85	64.0	32.2	96.6	

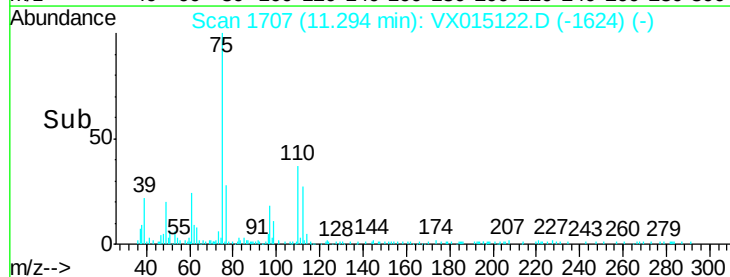
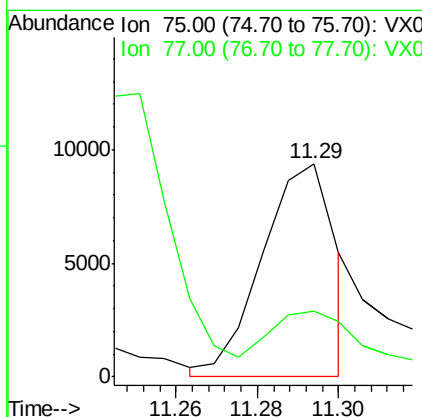
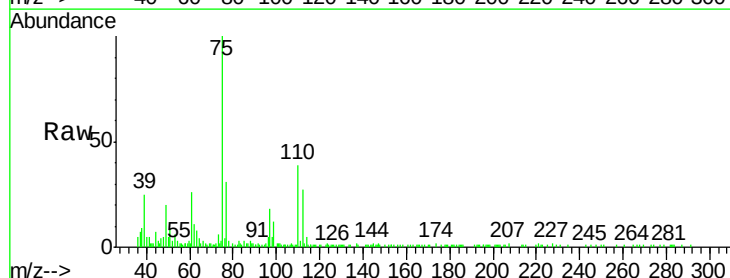
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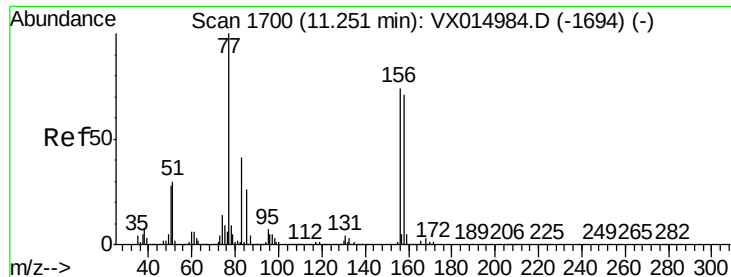
MMDadoda
 3/9/2020 9:36:39 AM



#72
 1,2,3-Trichloropropane
 Concen: 2.652 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.0	0.0	75.4	





#73

Bromobenzene

Concen: 2.731 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

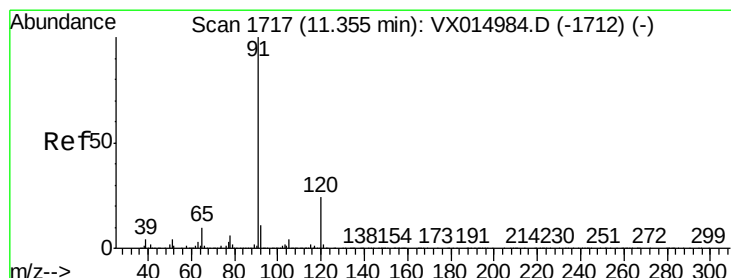
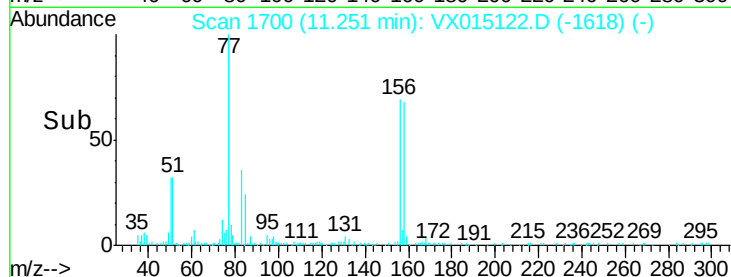
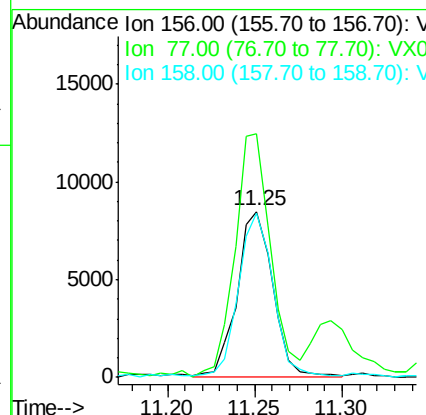
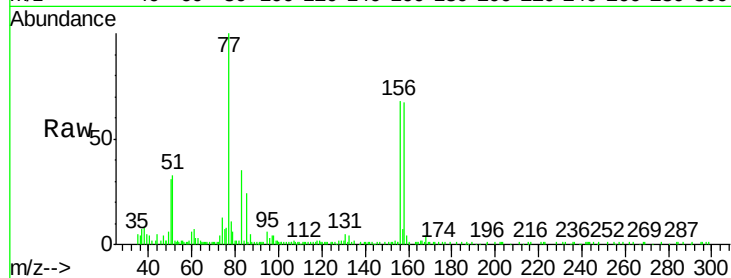
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	156	Resp:	12142
Ion Ratio	Lower	Upper	
156	100		
77	146.2	0.0	286.8
158	94.6	0.0	191.8

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#74

n-propylbenzene

Concen: 2.386 ug/l

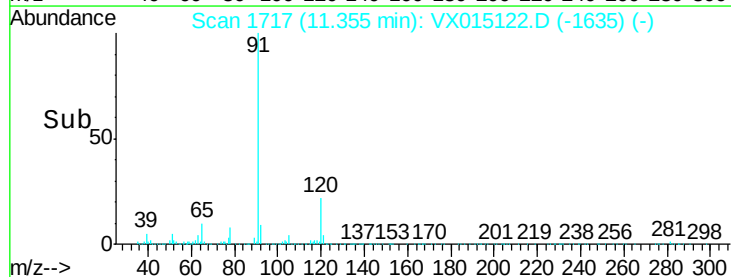
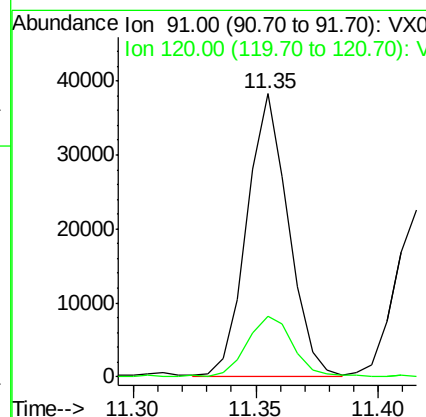
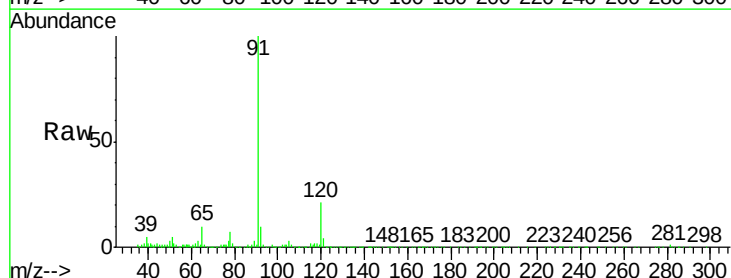
RT: 11.35 min Scan# 1717

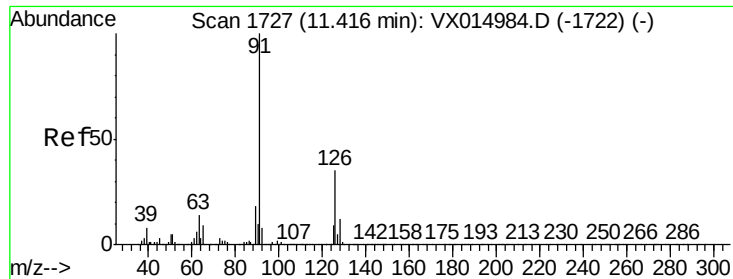
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	91	Resp:	44689
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	47.0





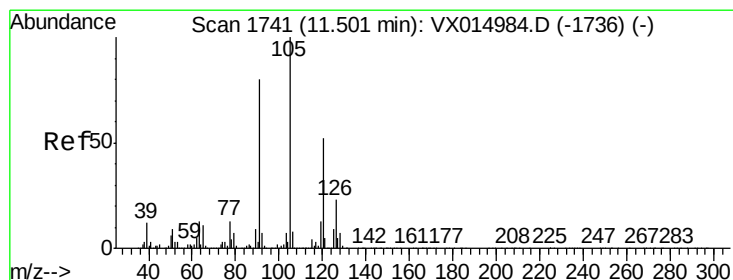
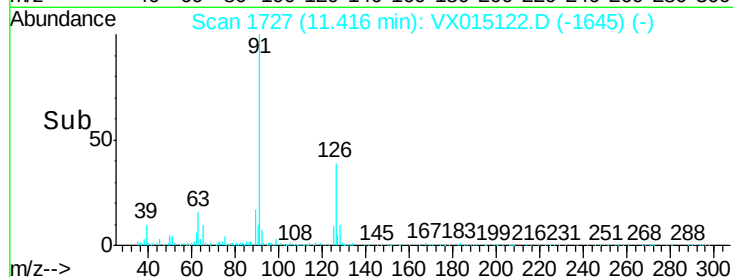
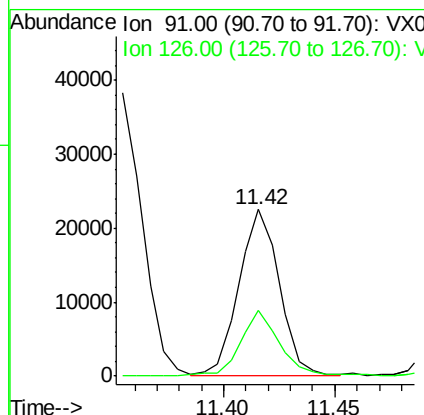
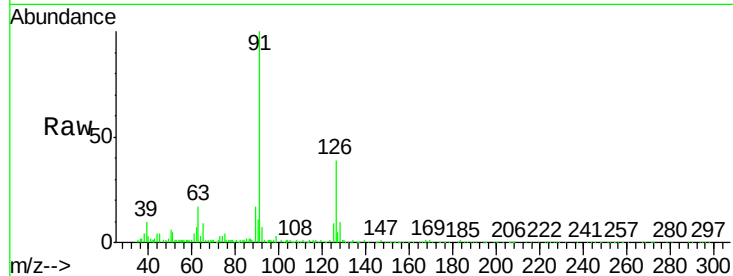
#75
2-Chlorotoluene
Concen: 2.554 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 91 Resp: 28268
Ion Ratio Lower Upper
91 100
126 37.8 0.0 69.0

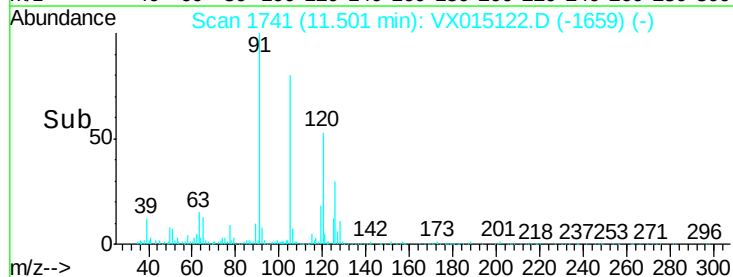
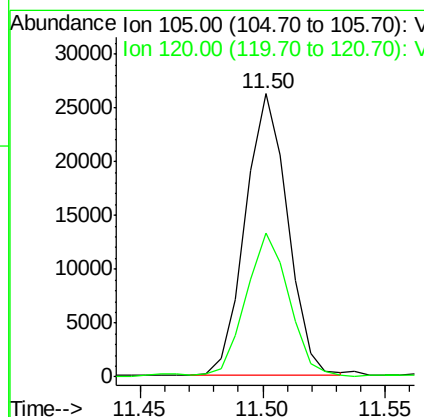
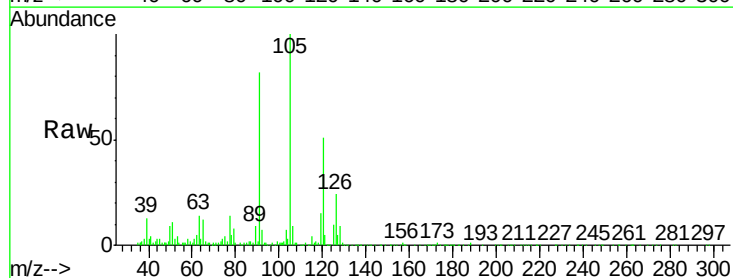
Manual Integrations
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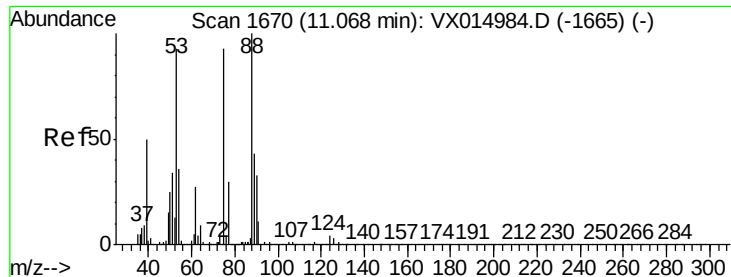
MMDadoda
3/9/2020 9:36:39 AM



#76
1,3,5-Trimethylbenzene
Concen: 2.284 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion: 105 Resp: 31491
Ion Ratio Lower Upper
105 100
120 51.4 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 2.140 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

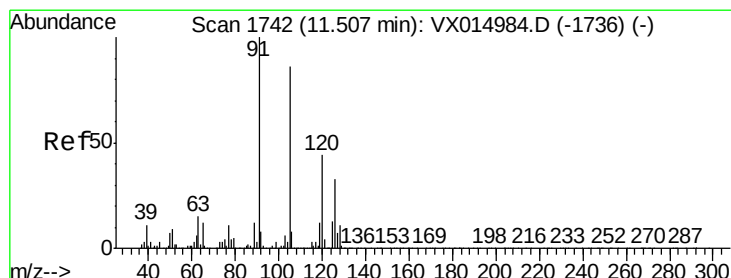
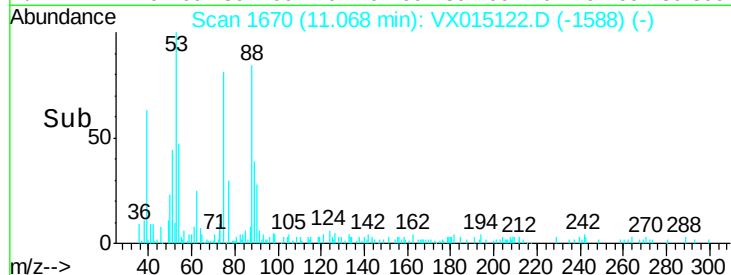
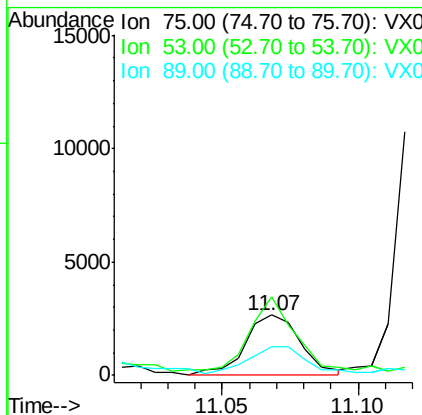
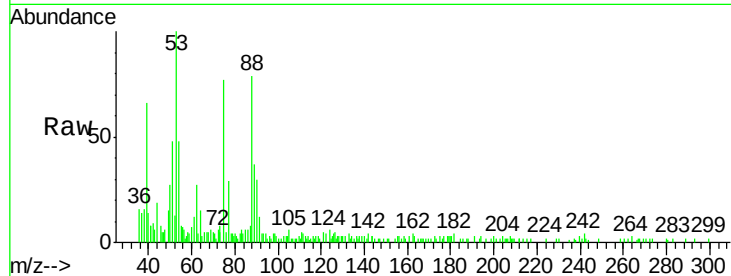
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	75	Resp:	3792
Ion	Ratio	Lower	Upper
75	100		
53	121.8	50.0	149.8
89	39.4	23.5	70.5

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#78

4-Chlorotoluene

Concen: 2.536 ug/l

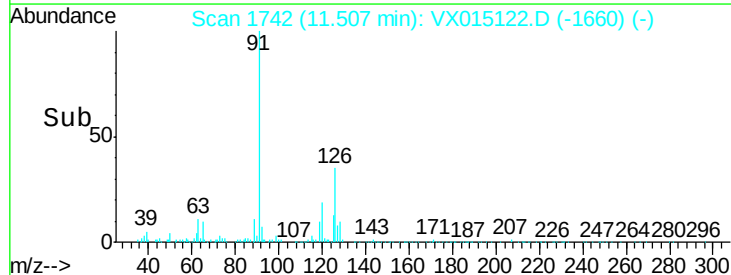
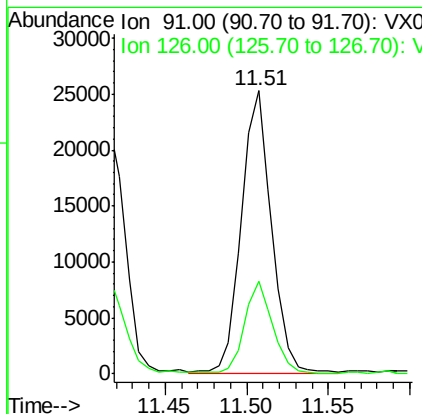
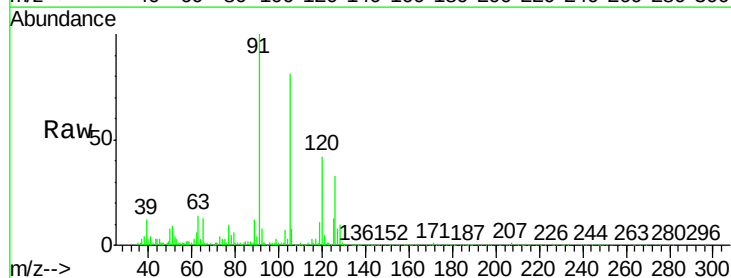
RT: 11.51 min Scan# 1742

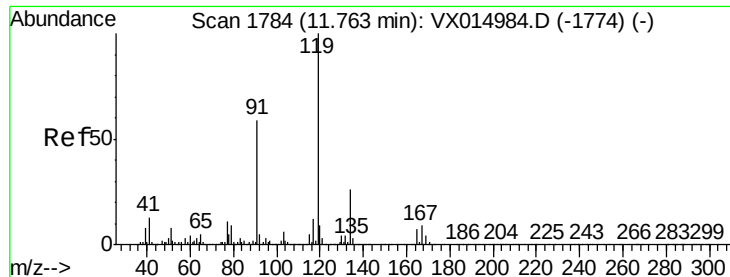
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	91	Resp:	32462
Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	62.0





#79

tert-butylbenzene

Concen: 2.353 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

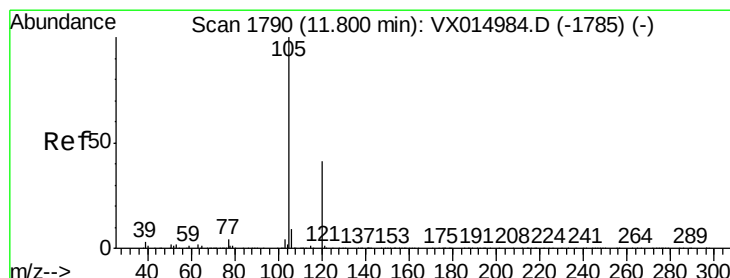
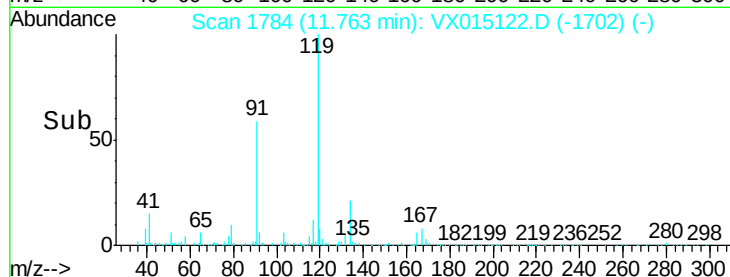
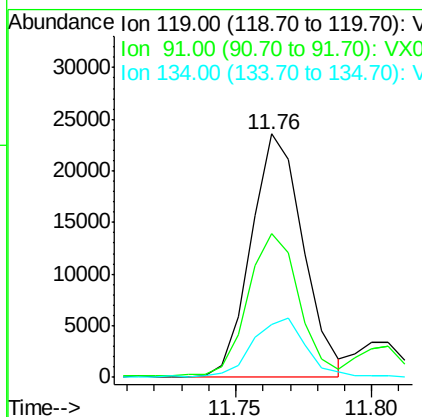
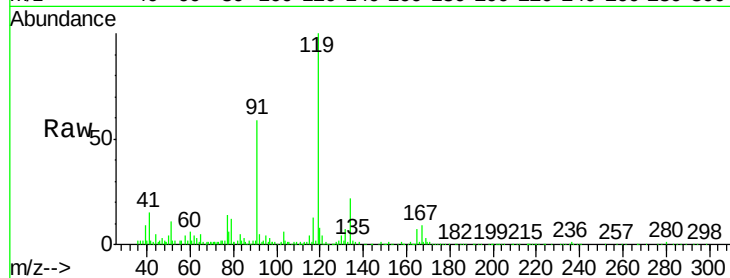
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	119	Resp:	31343
Ion Ratio	Lower	Upper	
119	100		
91	57.4	0.0	114.4
134	25.0	0.0	48.8

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#80

1,2,4-Trimethylbenzene

Concen: 2.282 ug/l

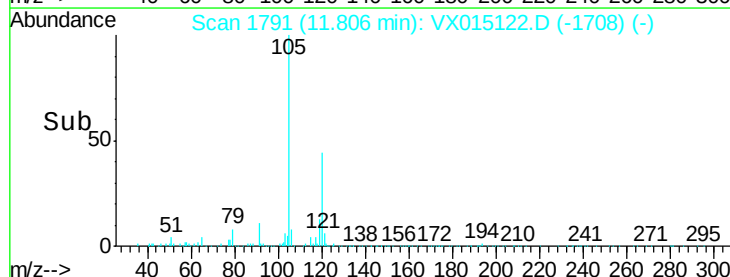
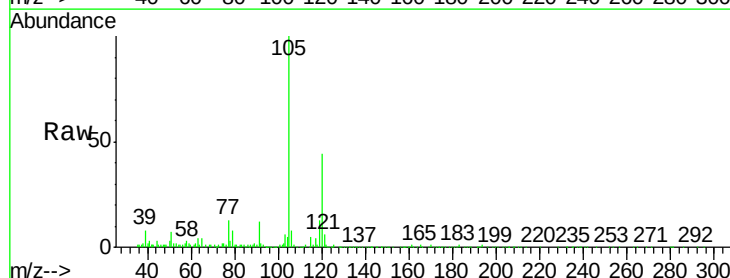
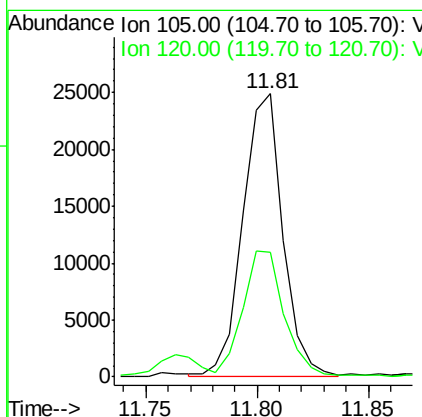
RT: 11.81 min Scan# 1791

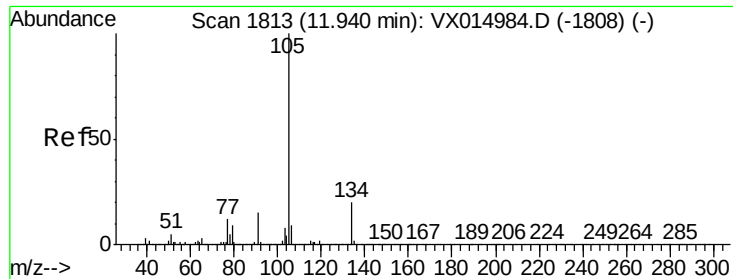
Delta R.T. 0.01 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	105	Resp:	31291
Ion Ratio	Lower	Upper	
105	100		
120	44.9	0.0	93.4





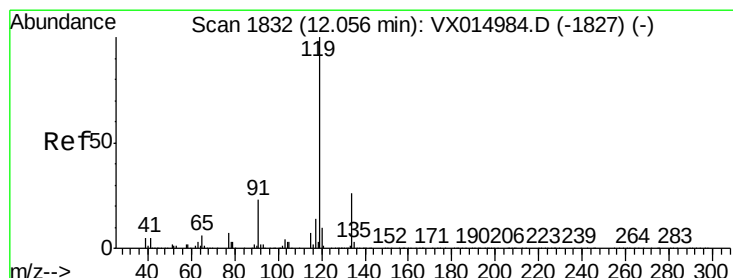
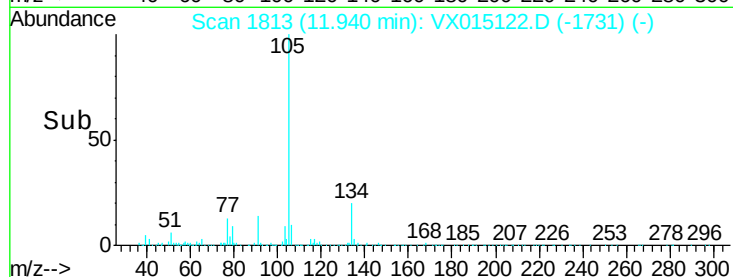
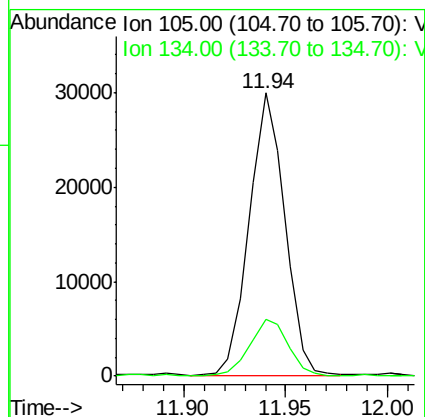
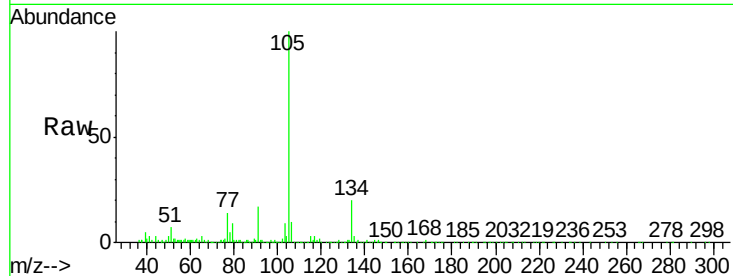
#81
 sec-Butylbenzene
 Concen: 2.299 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	36688		
134	21.9	0.0	40.8	

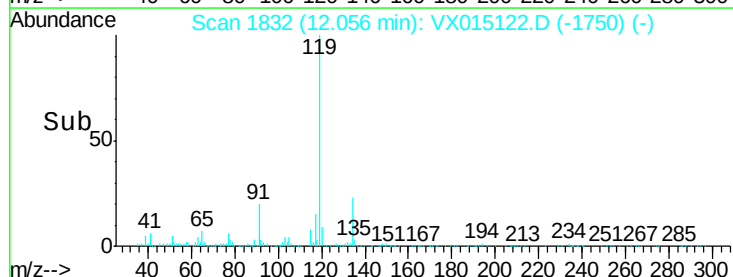
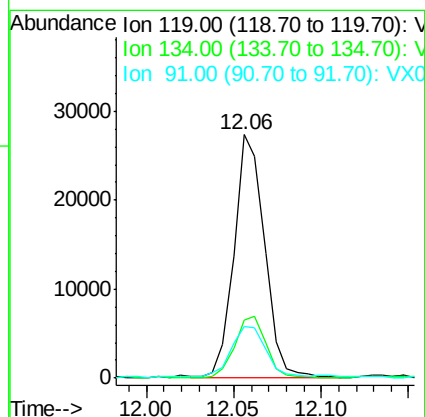
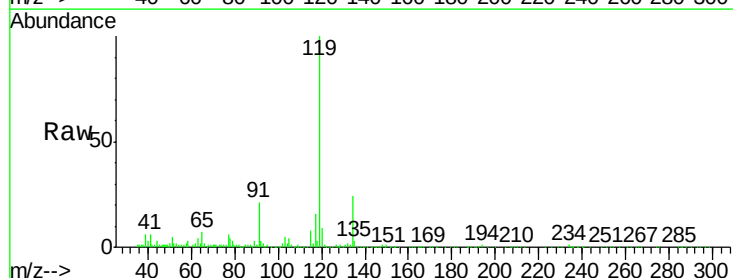
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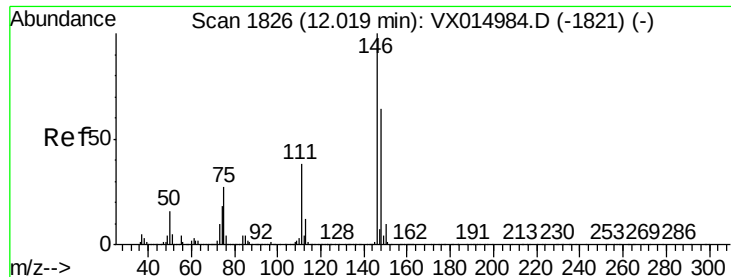
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#82
 p-Isopropyltoluene
 Concen: 2.236 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	33137		
134	26.5	0.0	53.2	
91	23.6	0.0	44.6	





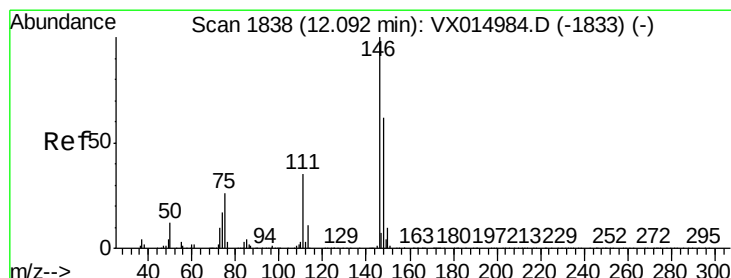
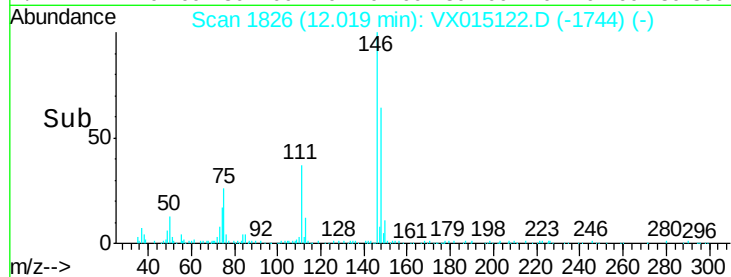
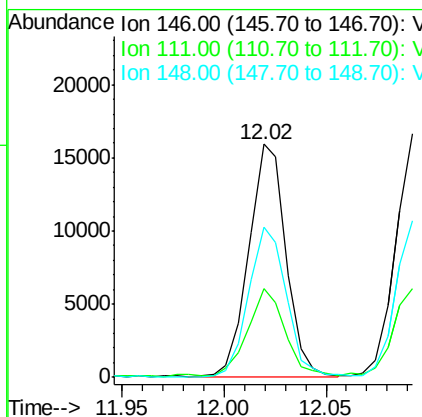
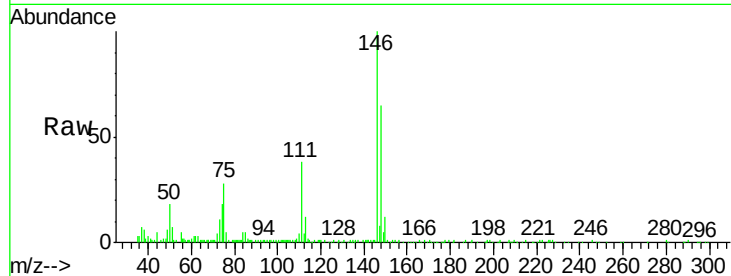
#83
 1,3-Dichlorobenzene
 Concen: 2.611 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.9
148	65.7	32.3	96.9

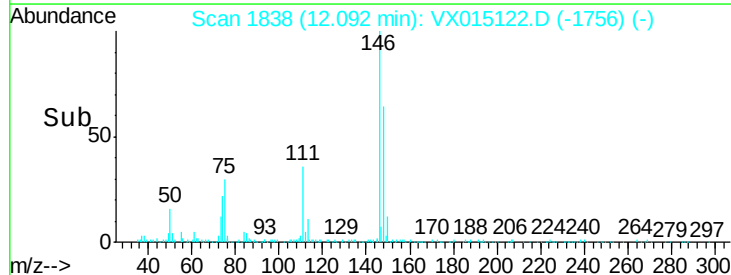
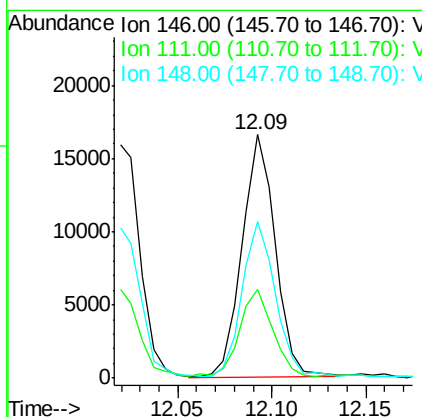
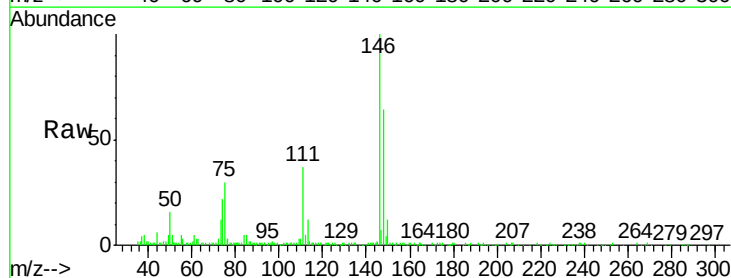
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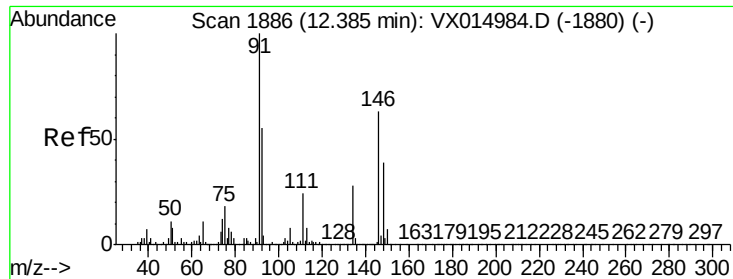
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#84
 1,4-Dichlorobenzene
 Concen: 2.580 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.8	53.5
148	64.8	31.4	94.2





#85

n-Butylbenzene

Concen: 2.198 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Instrument :

MSVOA_X

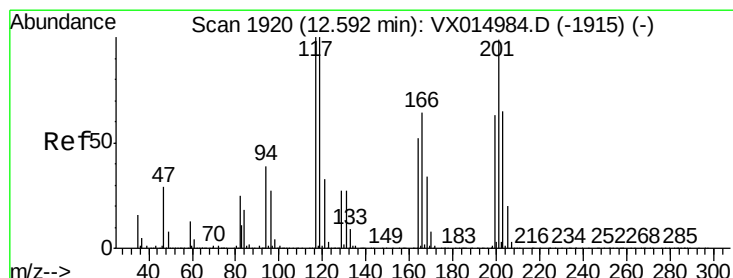
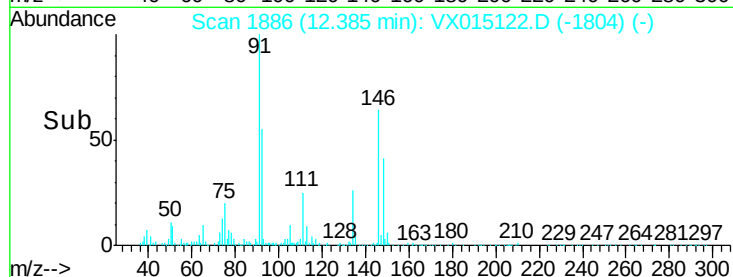
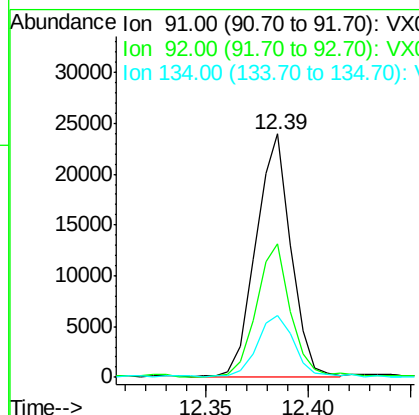
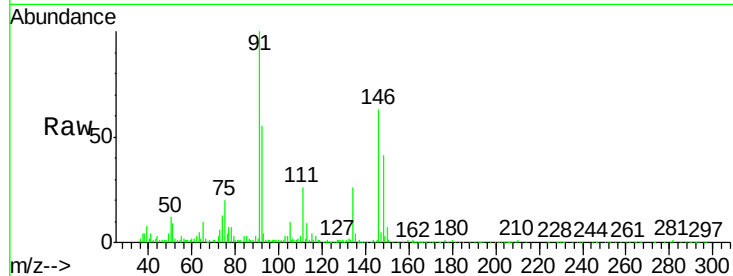
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	91	Resp:	28347
Ion Ratio	Lower	Upper	
91	100		
92	55.8	0.0	109.8
134	26.6	0.0	54.8

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#86

Hexachloroethane

Concen: 2.242 ug/l

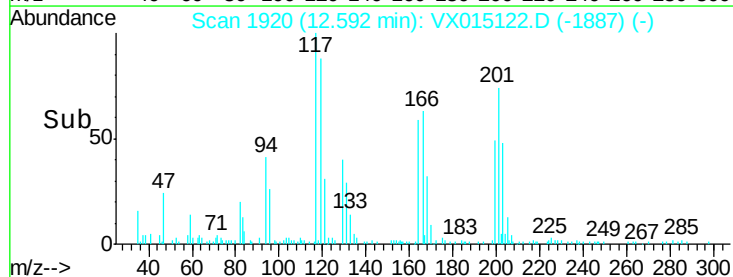
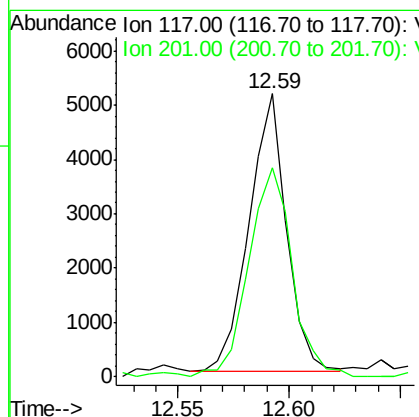
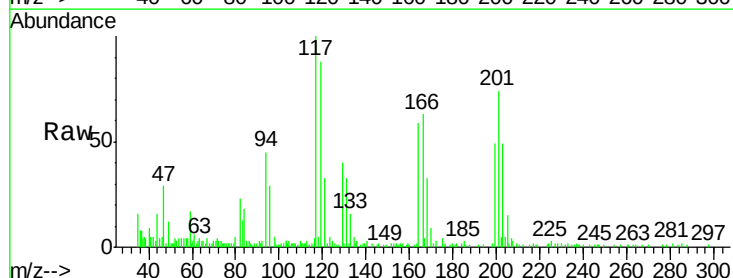
RT: 12.59 min Scan# 1920

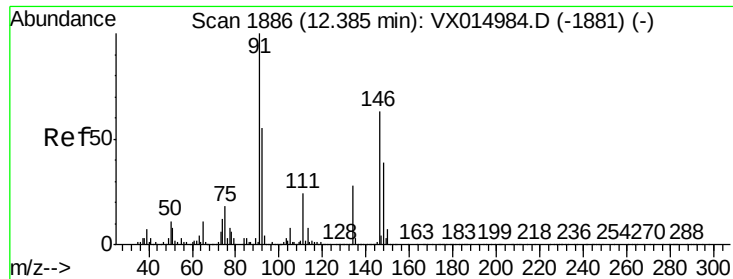
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion:	117	Resp:	6007
Ion Ratio	Lower	Upper	
117	100		
201	87.1	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 2.549 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

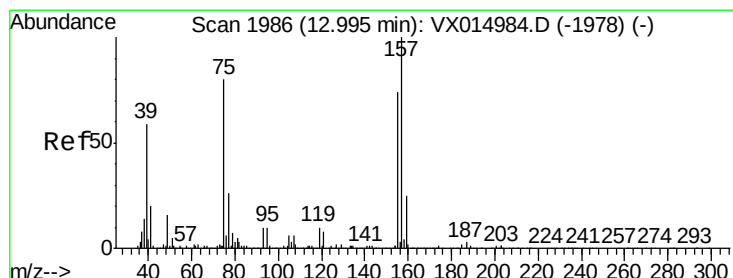
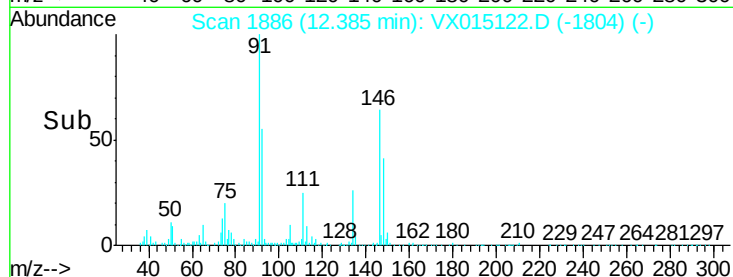
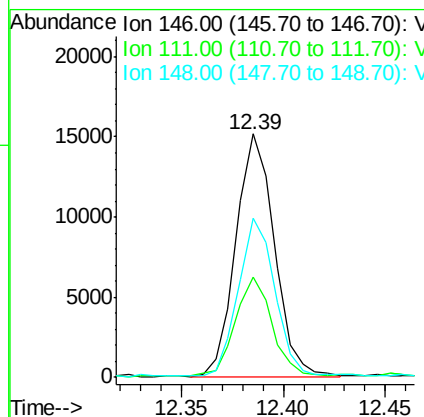
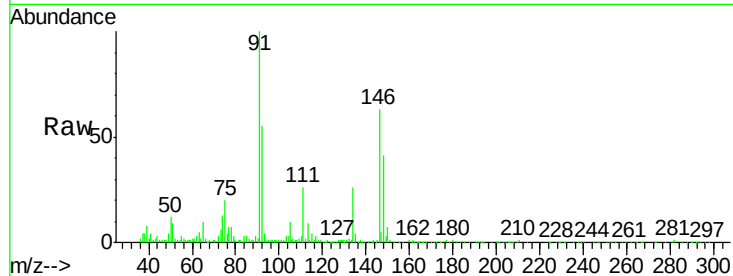
Instrument :
MSVOA_X

ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.4	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 2.265 ug/l

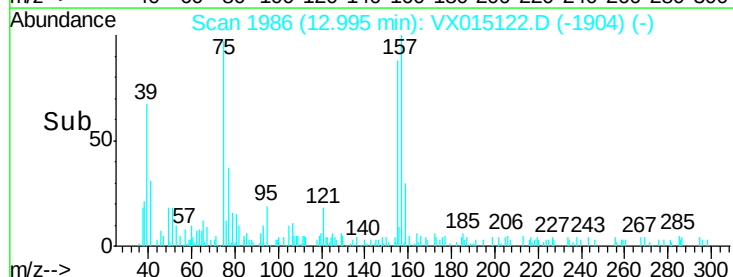
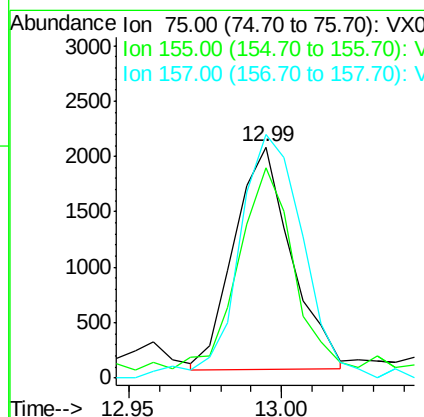
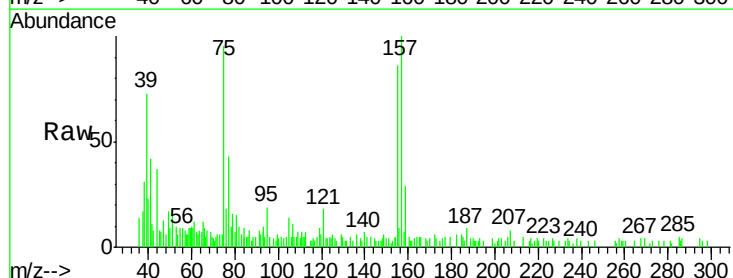
RT: 12.99 min Scan# 1986

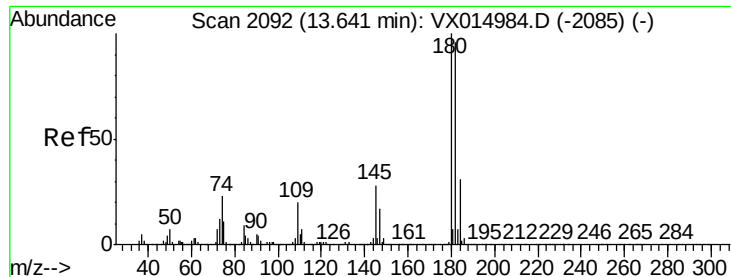
Delta R.T. 0.00 min

Lab File: VX015122.D

Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	74.5	111.7
157	119.5	96.2	144.4





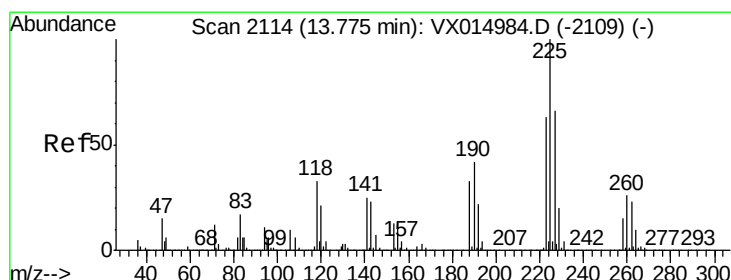
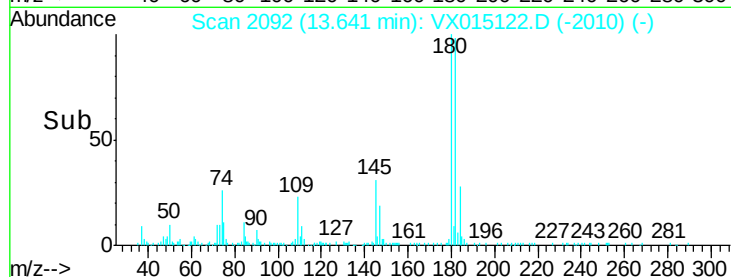
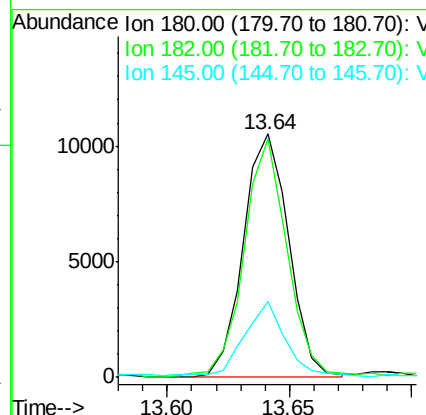
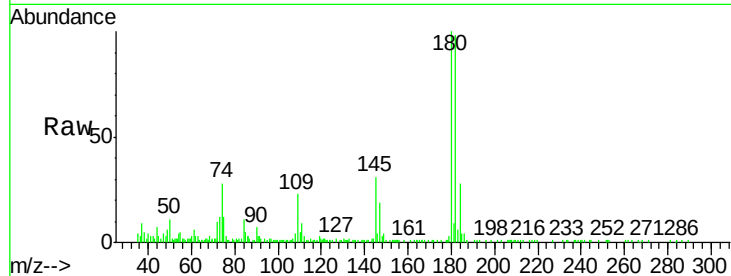
#89
 1,2,4-Trichlorobenzene
 Concen: 2.441 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.4	114.6
145	28.5	21.8	32.6

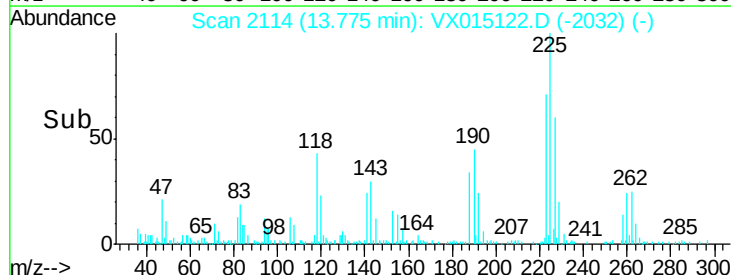
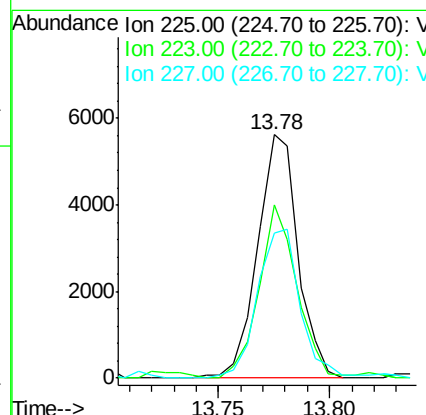
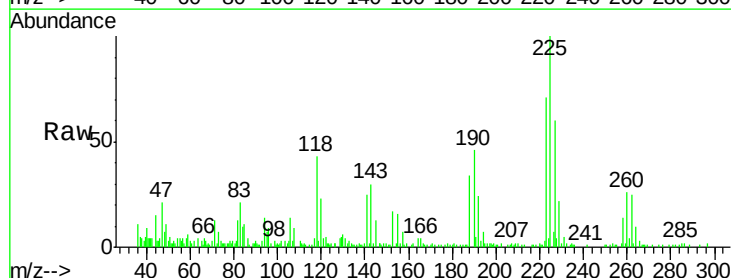
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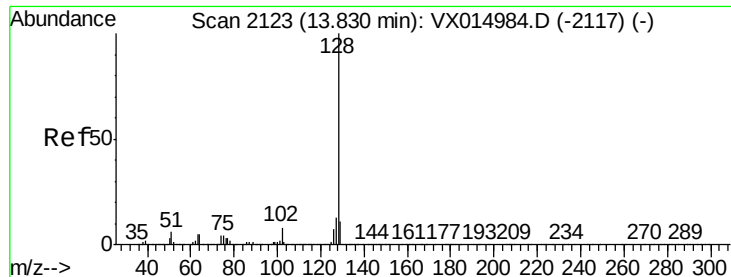
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#90
 Hexachlorobutadiene
 Concen: 2.565 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015122.D
 Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	0.0	132.0
227	64.5	0.0	131.0





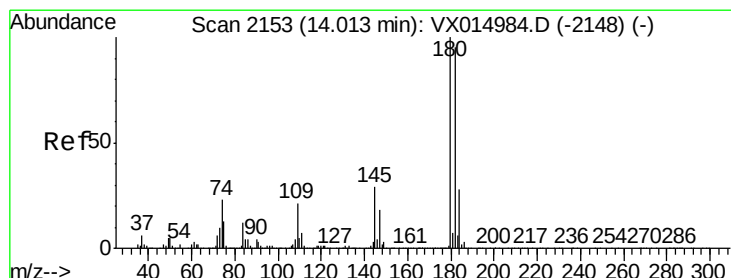
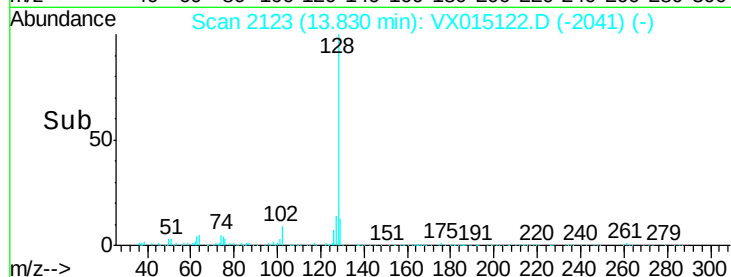
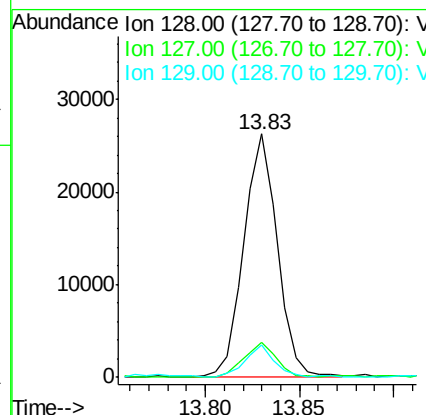
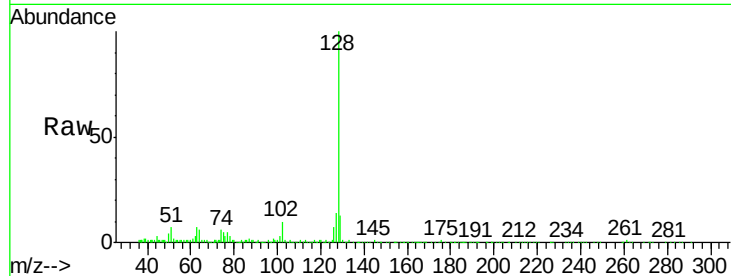
#91
Naphthalene
Concen: 2.066 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	10.9	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 2.495 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015122.D
Acq: 06 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	0.0	192.4
145	34.5	0.0	60.4

