

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015123.D
 Acq On : 06 Mar 2020 13:47
 Operator : JC/SP
 Sample : L1161-07 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 LOD-MDL-WATER-01-QT1-2020DL

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:43 AM

Quant Time: Mar 07 01:02:36 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	59051	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	307181	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	284071	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	123329	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.14	95	126954	28.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.63%
63) Toluene-d8	8.71	98	372133	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	7533	2.857 ug/l	98
3) Chloromethane	1.32	50	11630	3.411 ug/l	93
4) Vinyl Chloride	1.40	62	11555	3.149 ug/l	98
5) Bromomethane	1.64	94	7116	2.769 ug/l	94
6) Chloroethane	1.72	64	6930	2.819 ug/l	94
7) Trichlorofluoromethane	1.93	101	13800	2.584 ug/l	96
8) Diethyl Ether	2.18	74	6545	2.913 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8441	2.734 ug/l	96
10) 1,1-Dichloroethene	2.37	96	8144	2.624 ug/l #	89
11) Methyl Iodide	2.51	142	6536	1.733 ug/l	89
12) Methyl Acetate	2.76	43	12430m	3.218 ug/l	
13) Acrolein	2.28	56	8548	11.127 ug/l	97
14) Acrylonitrile	3.14	53	23032	13.203 ug/l	98
15) Acetone	2.43	58	7056	11.302 ug/l	91
16) Carbon Disulfide	2.56	76	23768	2.848 ug/l	99
17) Allyl chloride	2.72	41	14342	2.656 ug/l	96
18) Methylene Chloride	2.85	84	10819	3.025 ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	9436	2.767 ug/l	95
20) Diisopropyl ether	3.84	45	30613	2.776 ug/l	93
21) 1,1-Dichloroethane	3.69	63	16411	2.715 ug/l	92
22) cis-1,2-Dichloroethene	4.59	96	10092	2.587 ug/l	94
23) tert-Butyl Alcohol	3.03	59	10741	15.532 ug/l #	96
24) Methyl tert-Butyl Ether	3.19	73	25804	2.499 ug/l	100
25) Chloroform	5.20	83	17050	2.797 ug/l	92
26) Cyclohexane	5.58	56	13935	2.579 ug/l #	54
29) 1,1-Dichloropropene	5.79	75	11586	2.667 ug/l	97
30) 2-Butanone	4.67	43	29255	11.665 ug/l	95
31) 2,2-Dichloropropane	4.57	77	12537	2.628 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	13878m	2.813 ug/l	
33) Carbon Tetrachloride	5.78	117	11832	2.739 ug/l	86
34) Benzene	6.13	78	36342	2.772 ug/l #	91
35) Methacrylonitrile	5.04	41	6061m	2.369 ug/l	
36) 1,2-Dichloroethane	6.18	62	14191	3.058 ug/l #	94
37) Trichloroethene	7.22	130	10646m	2.892 ug/l	
38) Methylcyclohexane	7.46	83	13053	2.424 ug/l	94
39) 1,2-Dichloropropane	7.51	63	9394	2.784 ug/l	96
40) Dibromomethane	7.66	93	6737	2.990 ug/l	96

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 Response via : Initial Calibration

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

41) Bromodichloromethane	7.89	83	12188	2.738	ug/l #	83
42) Vinyl Acetate	3.81	43	111627	12.646	ug/l	99
43) Ethyl Acetate	4.83	43	9828	2.166	ug/l #	93
44) Isopropyl Acetate	6.43	43	17739	2.325	ug/l	96
45) 1,4-Dioxane	7.75	88	4183	59.345	ug/l #	90
46) Methyl methacrylate	7.76	41	8544	2.264	ug/l	91
47) n-amyl Acetate	10.89	43	12319	1.864	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	11770	2.383	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	13419	2.468	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	8919	2.657	ug/l	92
51) Ethyl methacrylate	9.17	69	11508	2.221	ug/l	95
52) 1,3-Dichloropropane	9.37	76	15956	2.809	ug/l	90
53) Dibromochloromethane	9.57	129	8699	2.397	ug/l	98
54) 1,2-Dibromoethane	9.67	107	9453	2.652	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	30464	11.037	ug/l	98
56) Bromoform	10.85	173	6266	2.202	ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	57257	12.299	ug/l	98
59) 2-Hexanone	9.48	43	39568	10.878	ug/l	96
61) Tetrachloroethene	9.33	164	10114	2.651	ug/l	96
62) Toluene	8.78	91	38512	2.647	ug/l	97
64) Chlorobenzene	10.14	112	24388	2.626	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	8575	2.493	ug/l	98
66) Ethyl Benzene	10.25	91	40340	2.517	ug/l	97
67) m/p-Xylenes	10.35	106	29591	4.788	ug/l	98
68) o-Xylene	10.70	106	14234	2.380	ug/l	97
69) Styrene	10.71	104	22173	2.171	ug/l	97
70) Isopropylbenzene	11.01	105	36147	2.276	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	13633	2.665	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	13953	3.289	ug/l	94
73) Bromobenzene	11.25	156	11117	2.590	ug/l	98
74) n-propylbenzene	11.35	91	41498	2.295	ug/l	100
75) 2-Chlorotoluene	11.42	91	26474	2.478	ug/l	94
76) 1,3,5-Trimethylbenzene	11.50	105	29909	2.247	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	3114	1.820	ug/l	93
78) 4-Chlorotoluene	11.51	91	29831	2.414	ug/l	99
79) tert-butylbenzene	11.76	119	29691	2.308	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	28430	2.148	ug/l	100
81) sec-Butylbenzene	11.94	105	35454	2.302	ug/l	98
82) p-Isopropyltoluene	12.06	119	29993	2.096	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	18952	2.519	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	19371	2.557	ug/l	97
85) n-Butylbenzene	12.39	91	25021	2.009	ug/l	97
86) Hexachloroethane	12.59	117	5860	2.266	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	19428	2.595	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2434	2.185	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	12321	2.288	ug/l	96
90) Hexachlorobutadiene	13.78	225	6581	2.461	ug/l	97
91) Naphthalene	13.83	128	27949	1.833	ug/l	97
92) 1,2,3-Trichlorobenzene	14.01	180	12194	2.281	ug/l	98

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

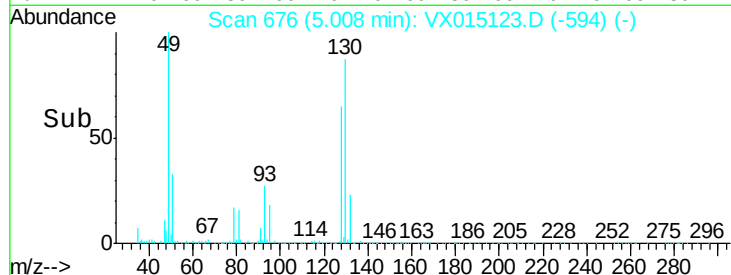
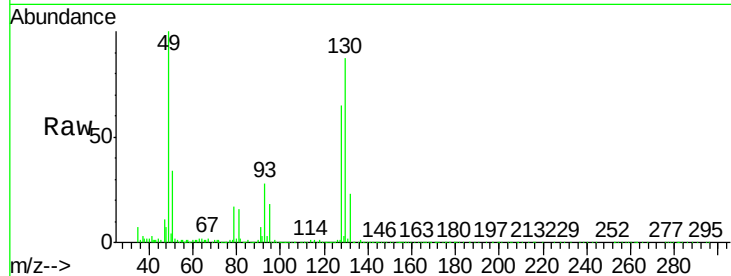
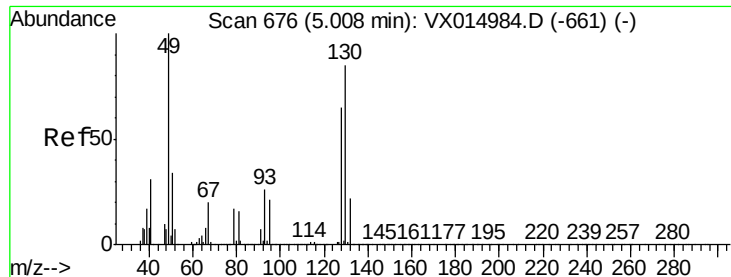
Manual Integrations
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3/9/2020 9:36:43 AM

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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



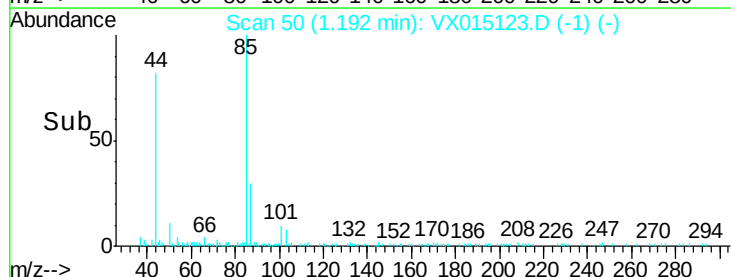
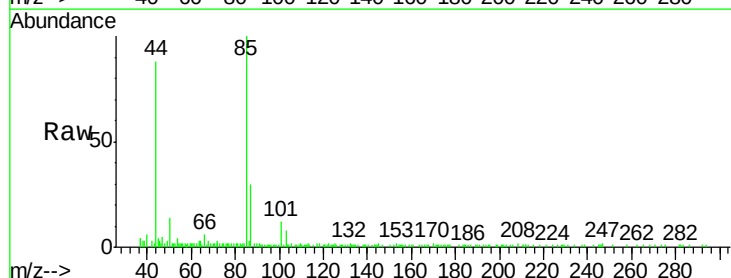
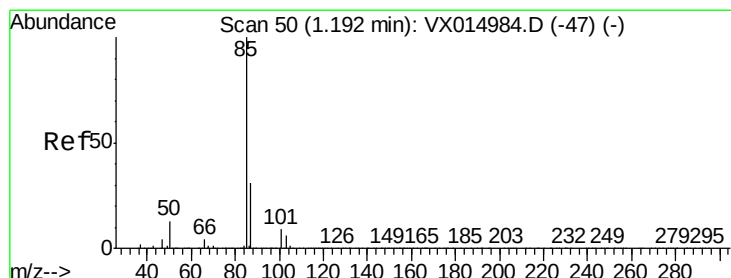
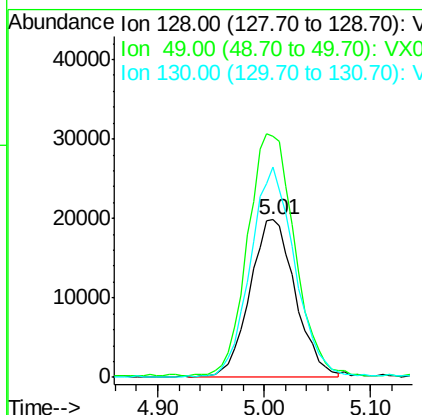
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.3	0.0	384.7
130	130.2	0.0	330.8

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

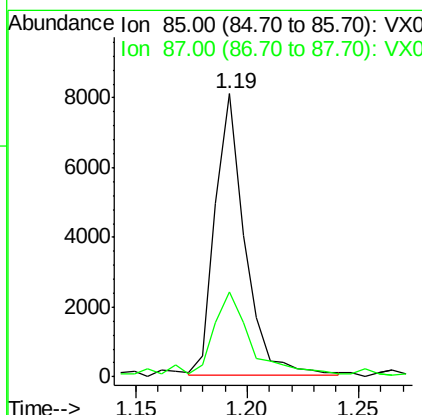
Manual Integrations
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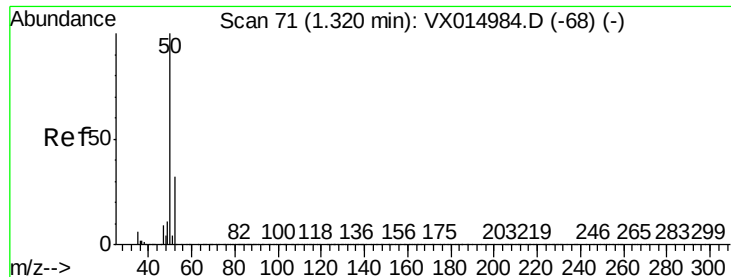
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#2
Dichlorodifluoromethane
Concen: 2.857 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.3	15.3	45.9





#3

Chloromethane

Concen: 3.411 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 50 Resp: 11630

Ion Ratio Lower Upper

50 100

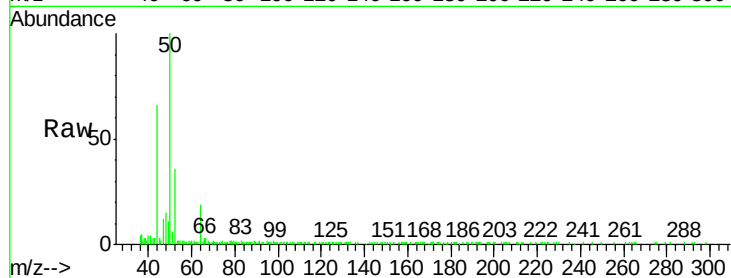
52 35.3 25.4 38.0

Manual Integrations

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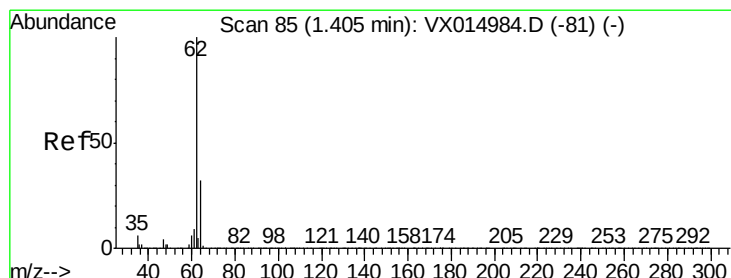
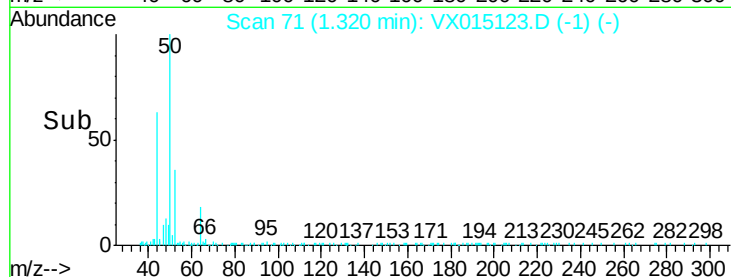
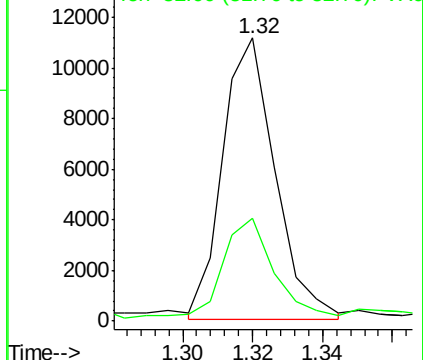
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 3.149 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015123.D

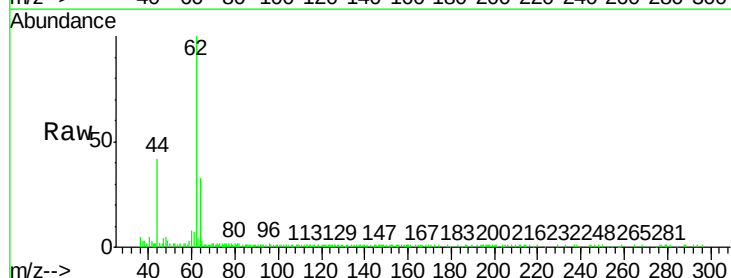
Acq: 06 Mar 2020 13:47

Tgt Ion: 62 Resp: 11555

Ion Ratio Lower Upper

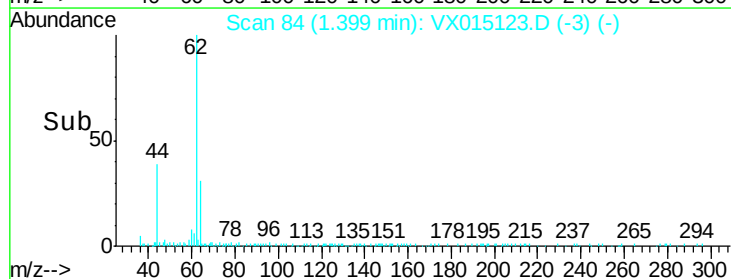
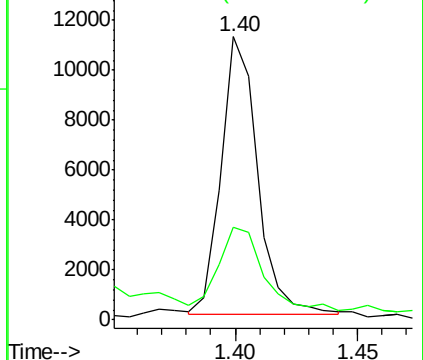
62 100

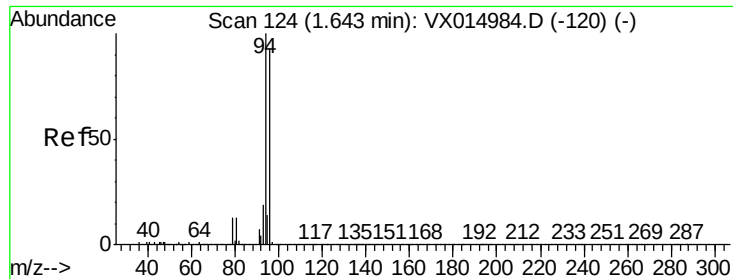
64 30.6 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 2.769 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 94 Resp: 7116

Ion Ratio Lower Upper

94 100

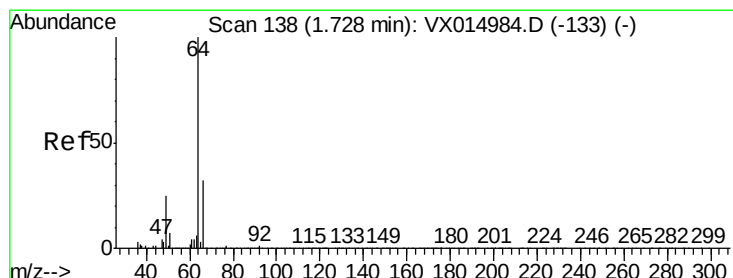
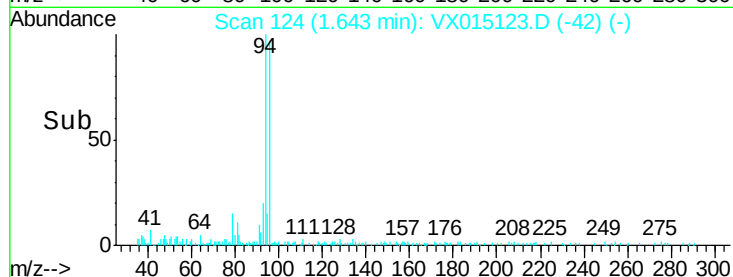
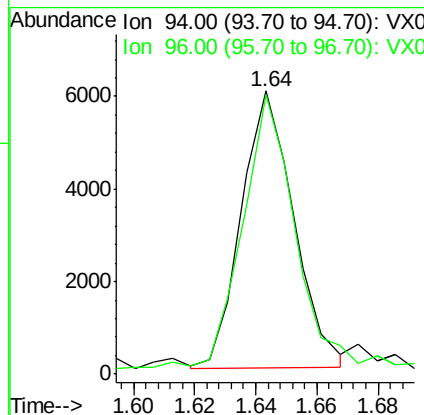
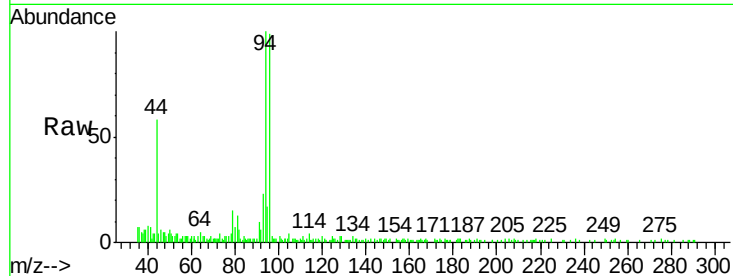
96 98.9 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 2.819 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015123.D

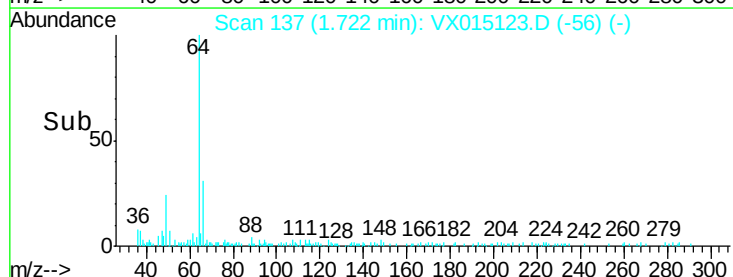
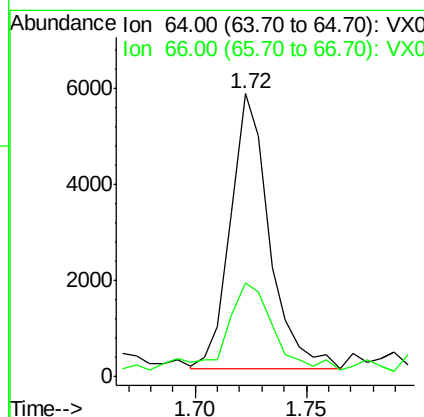
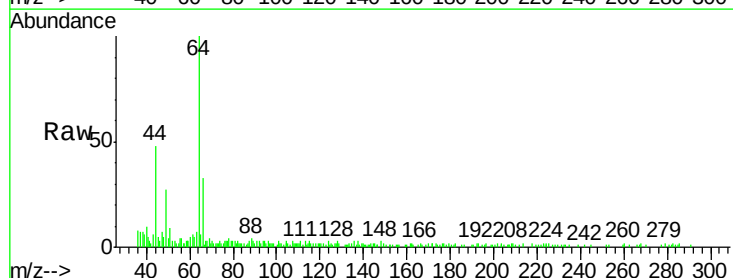
Acq: 06 Mar 2020 13:47

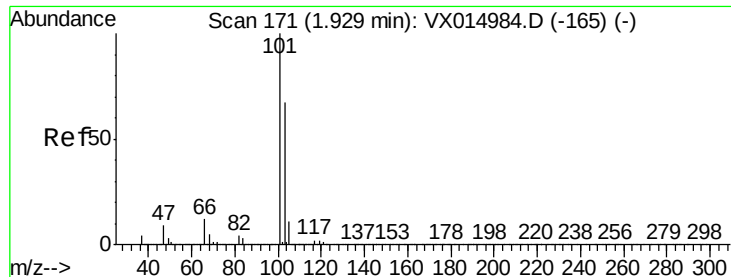
Tgt Ion: 64 Resp: 6930

Ion Ratio Lower Upper

64 100

66 29.1 25.8 38.6





#7

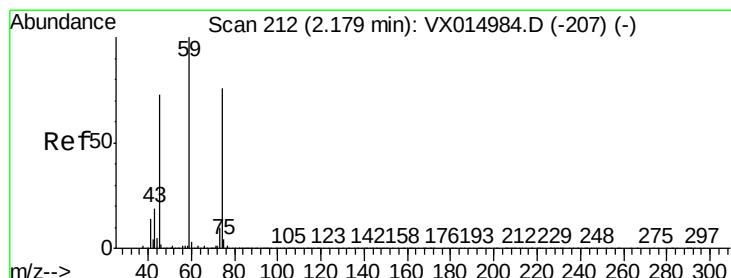
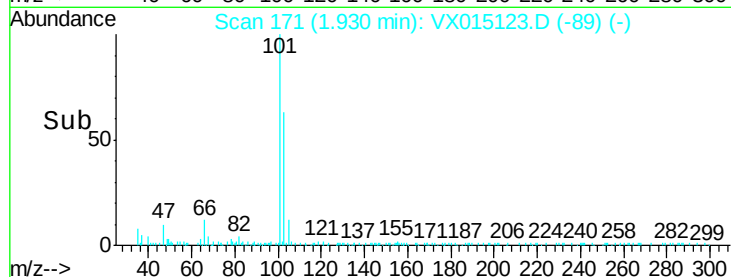
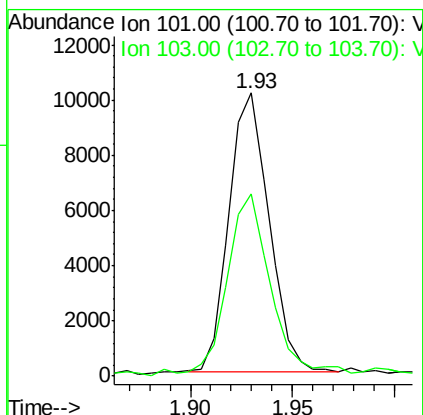
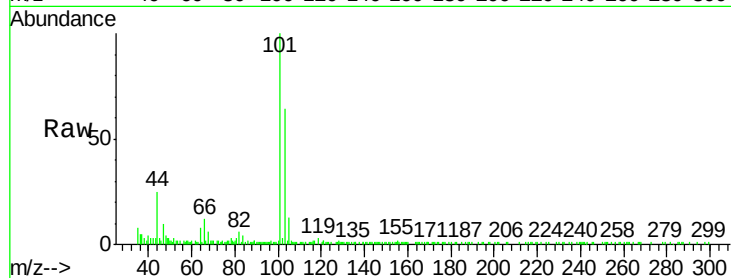
Trichlorofluoromethane
Concen: 2.584 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.4	80.2

Manual Integrations
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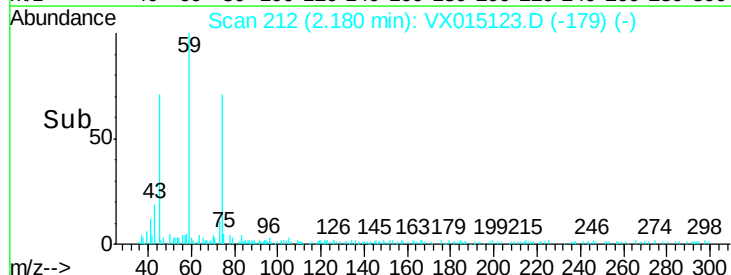
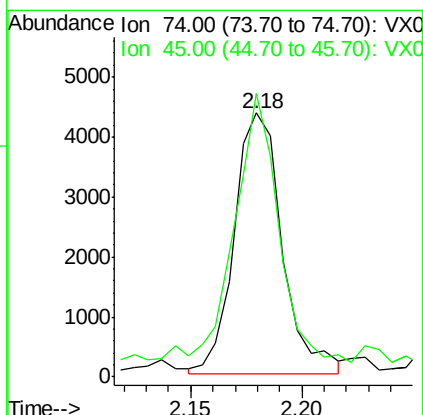
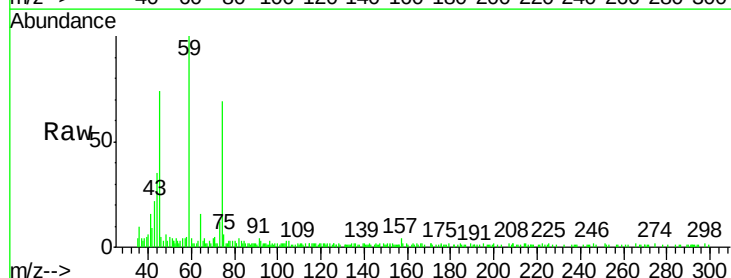
MMDadoda
3/9/2020 9:36:43 AM

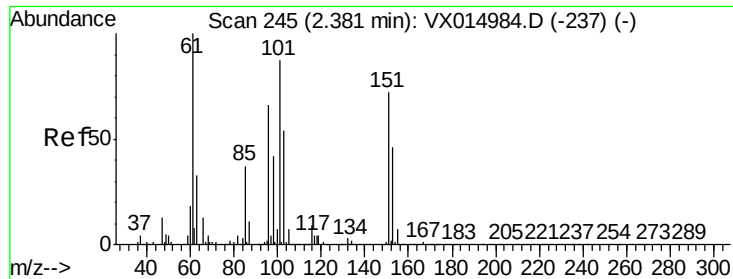


#8

Diethyl Ether
Concen: 2.913 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.734 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

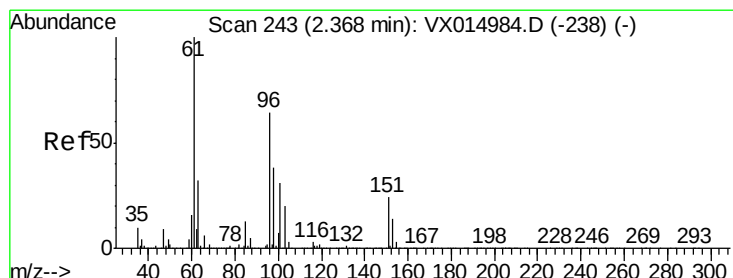
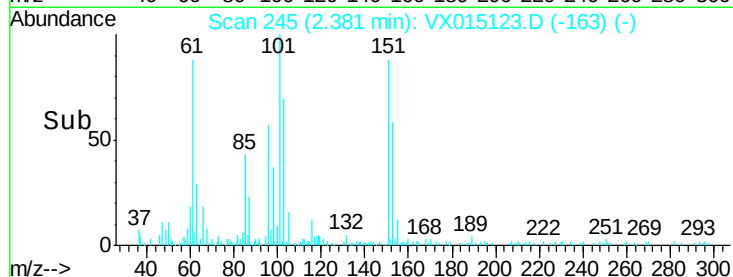
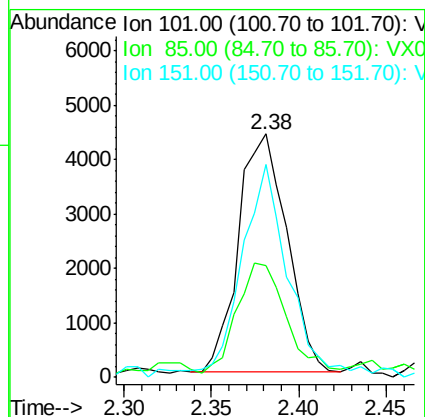
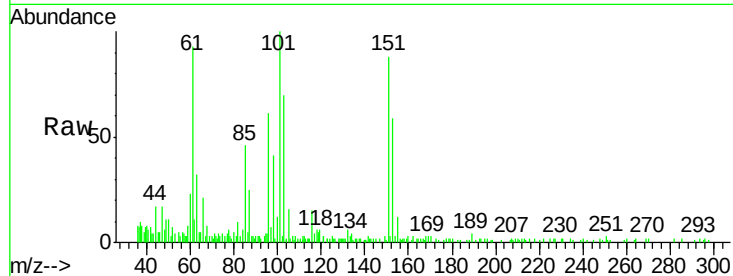
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	101	Resp:	8441
Ion Ratio	Lower	Upper	
101	100		
85	46.3	0.0	86.6
151	86.7	0.0	167.4

Manual Integrations
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3/9/2020 9:36:43 AM



#10

1,1-Dichloroethene

Concen: 2.624 ug/l

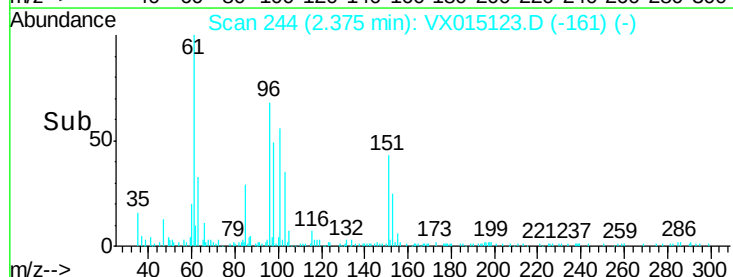
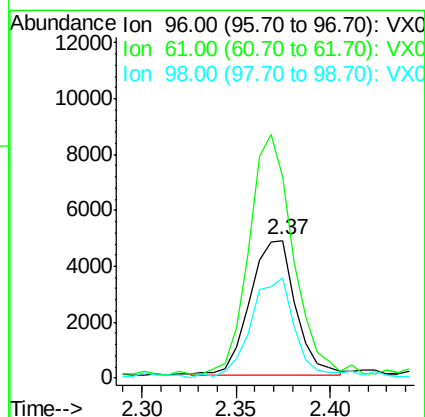
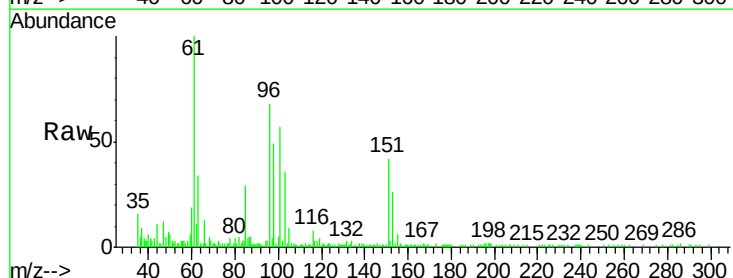
RT: 2.37 min Scan# 244

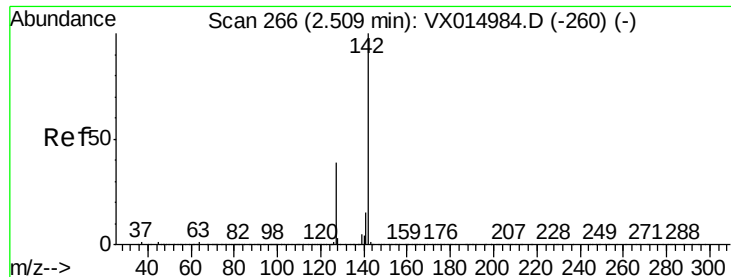
Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	96	Resp:	8144
Ion Ratio	Lower	Upper	
96	100		
61	147.9	126.1	189.1
98	74.4	48.2	72.2#





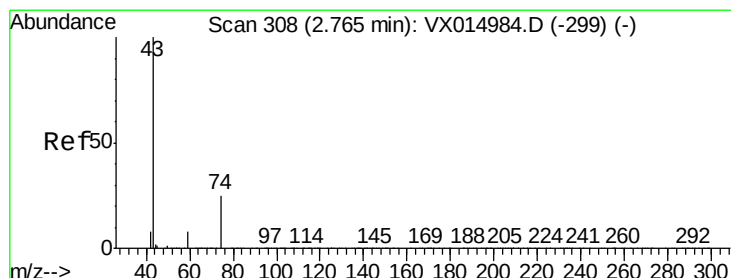
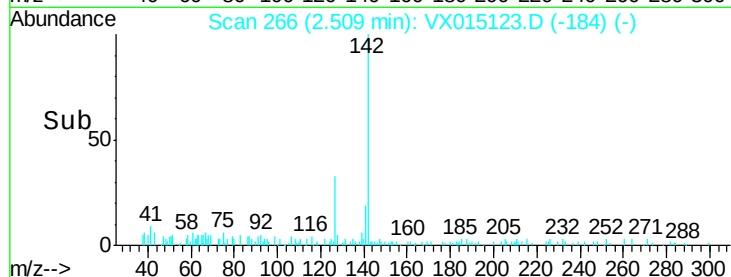
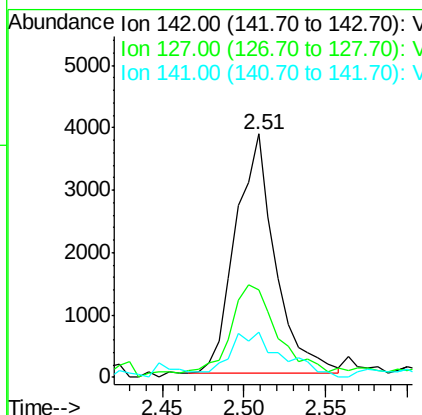
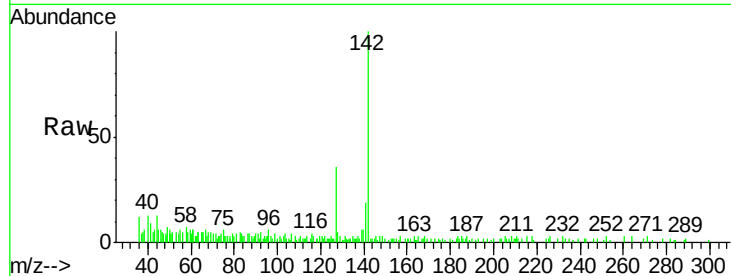
#11
Methvl Iodide
Concen: 1.733 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
127	31.8	19.7	59.0
141	18.0	7.4	22.2

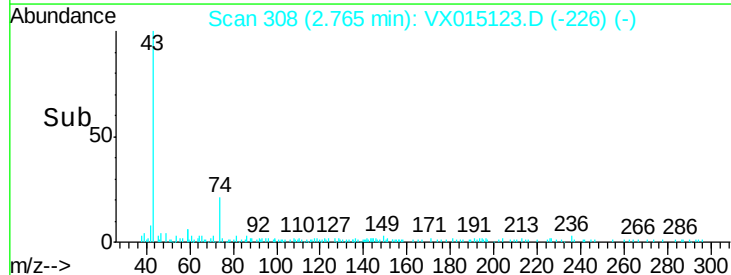
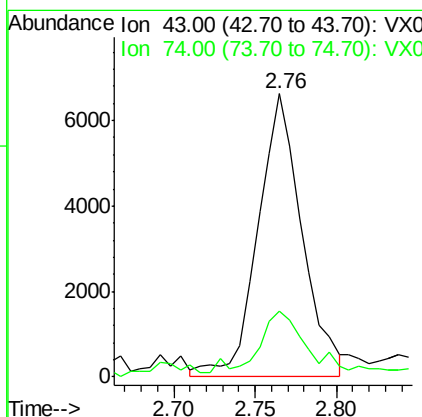
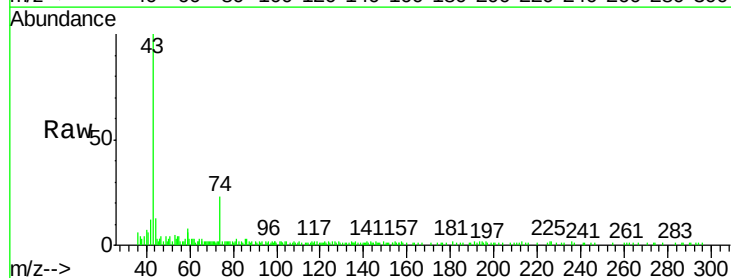
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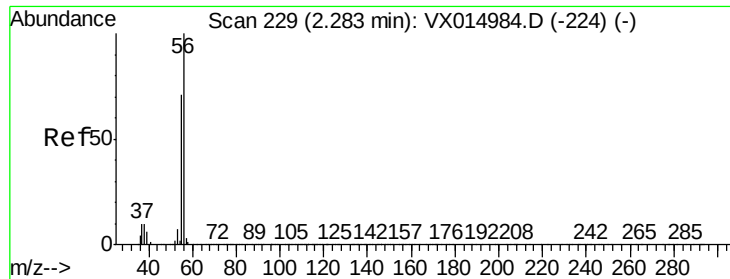
MMDadoda
3/9/2020 9:36:43 AM



#12
Methyl Acetate
Concen: 3.218 ug/l m
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.8





#13

Acrolein

Concen: 11.127 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 56 Resp: 8548

Ion Ratio Lower Upper

56 100

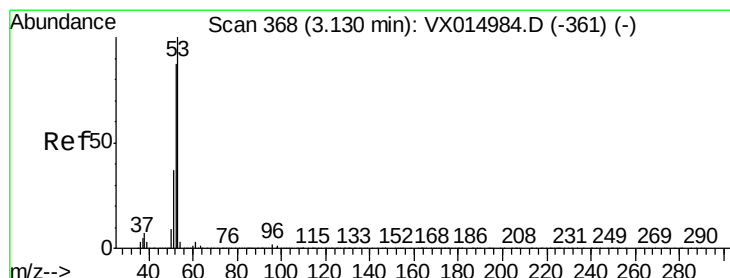
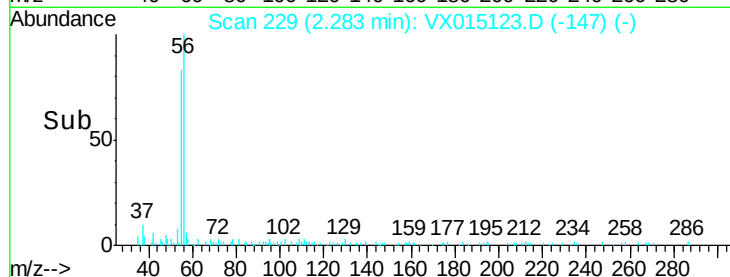
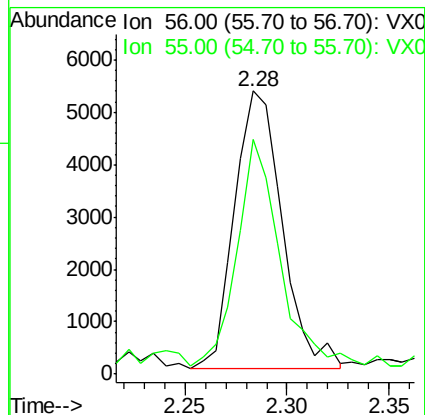
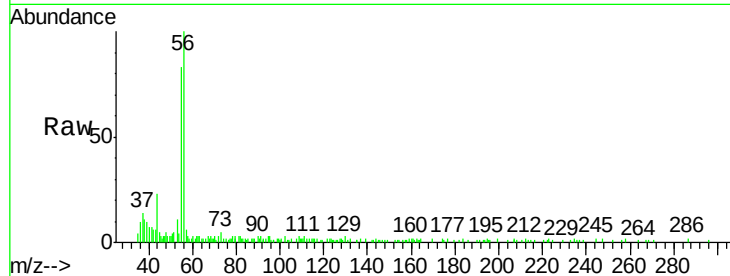
55 72.8 56.2 84.2

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#14

Acrylonitrile

Concen: 13.203 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

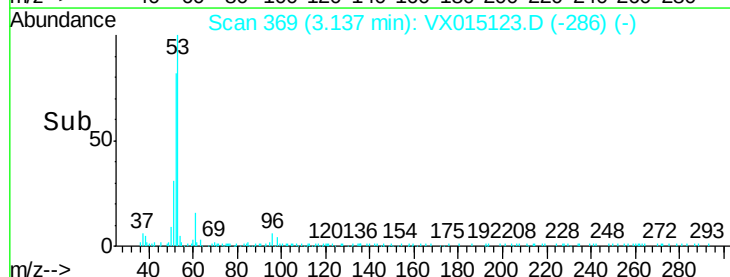
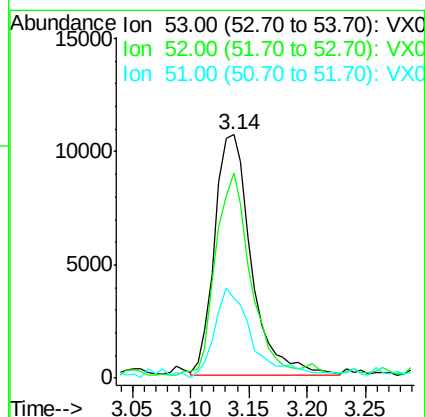
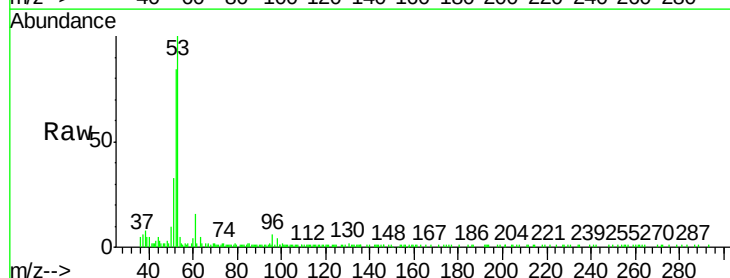
Tgt Ion: 53 Resp: 23032

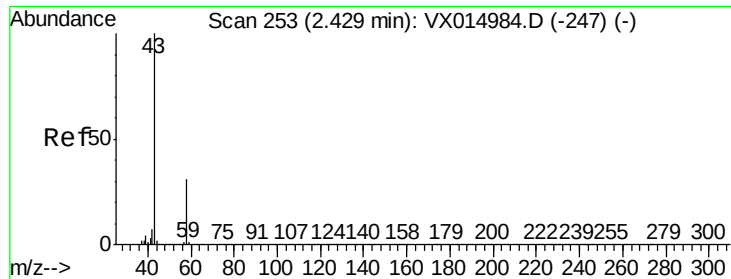
Ion Ratio Lower Upper

53 100

52 81.1 41.5 124.6

51 35.3 18.1 54.4





#15

Acetone

Concen: 11.302 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 58 Resp: 7056

Ion Ratio Lower Upper

58 100

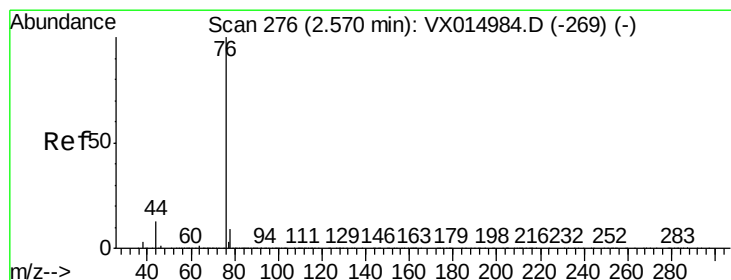
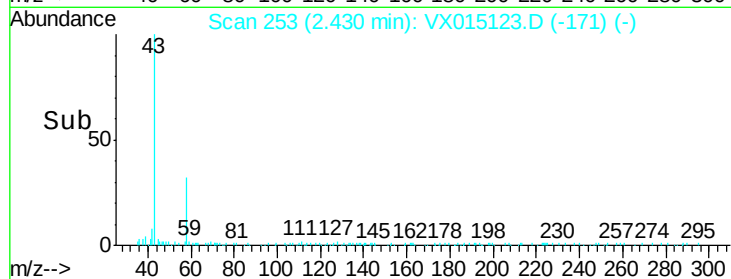
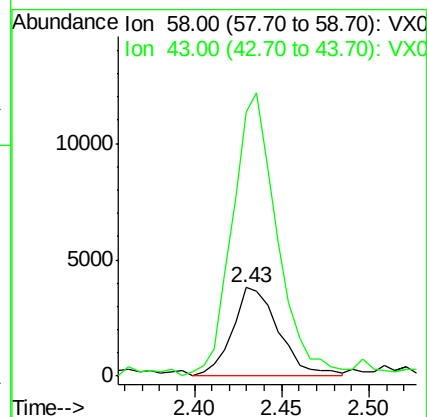
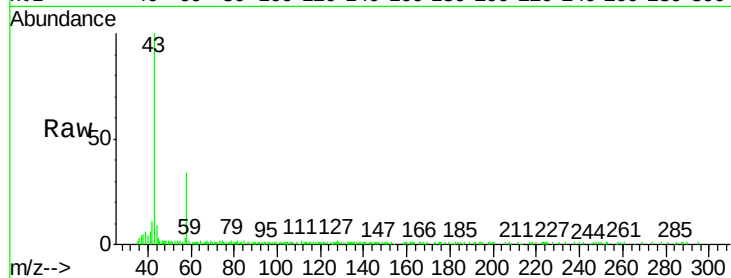
43 303.2 257.7 386.5

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#16

Carbon Disulfide

Concen: 2.848 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015123.D

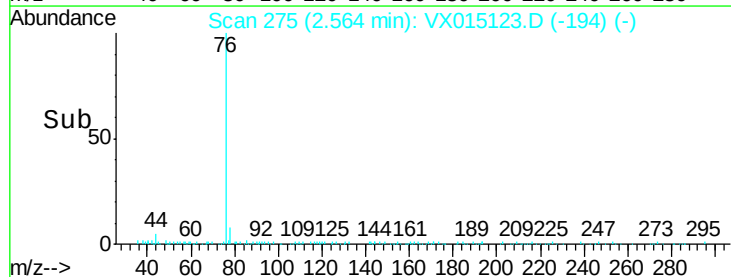
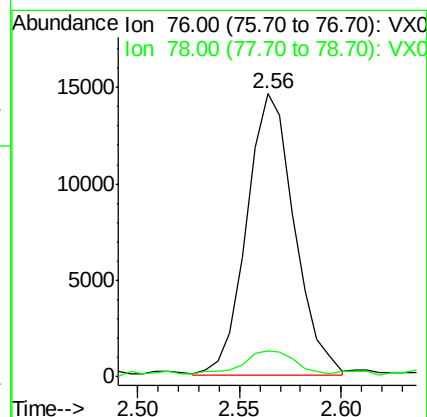
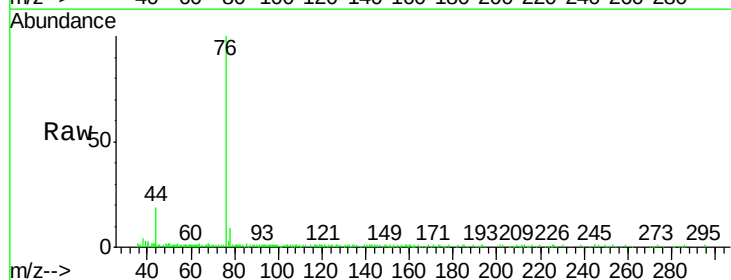
Acq: 06 Mar 2020 13:47

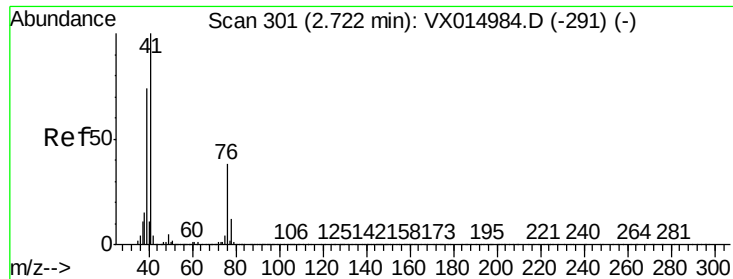
Tgt Ion: 76 Resp: 23768

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7





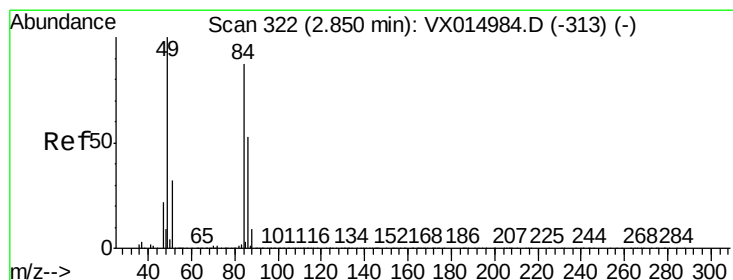
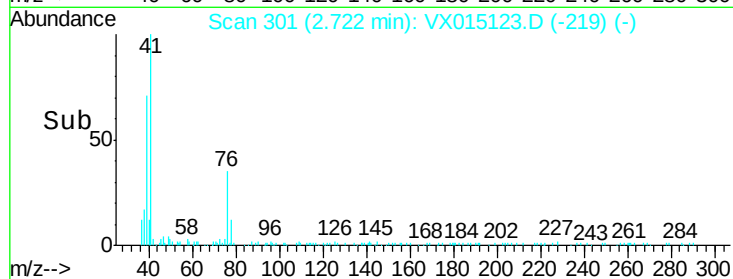
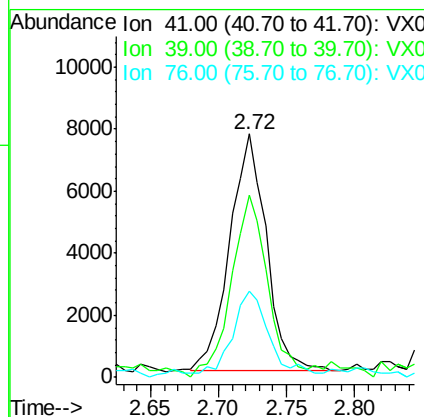
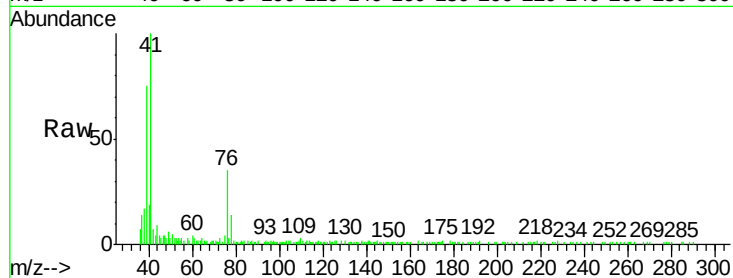
#17
Allvl chloride
Concen: 2.656 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.0	37.1	111.5
76	34.5	18.8	56.4

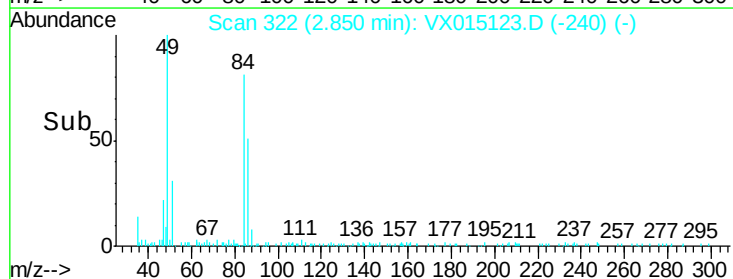
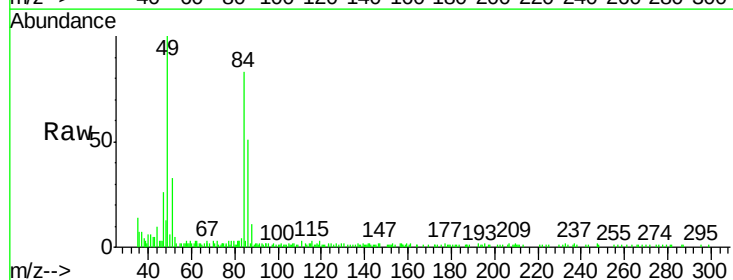
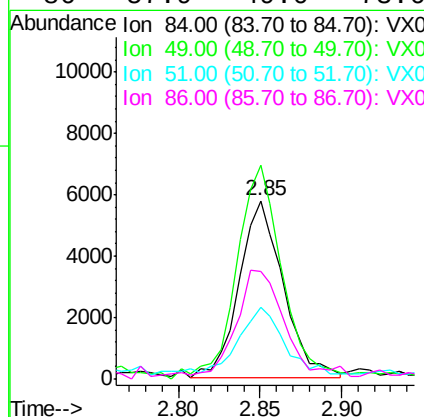
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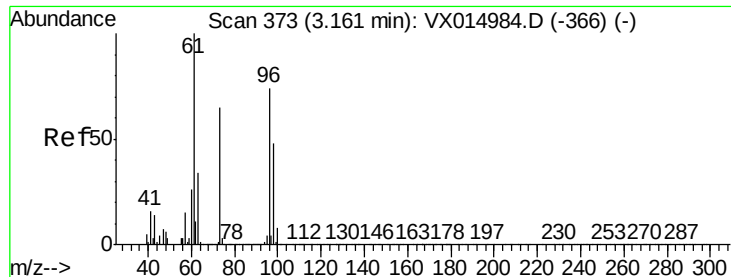
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#18
Methylene Chloride
Concen: 3.025 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	92.2	138.2
51	37.2	29.7	44.5
86	57.9	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 2.767 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

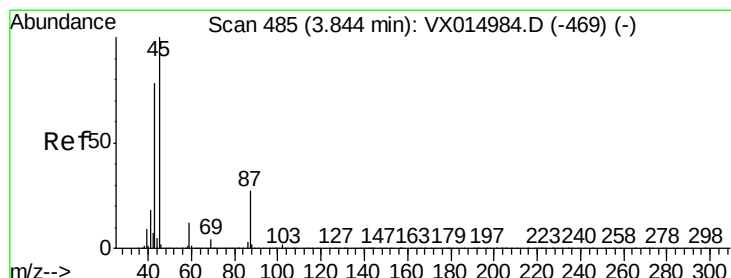
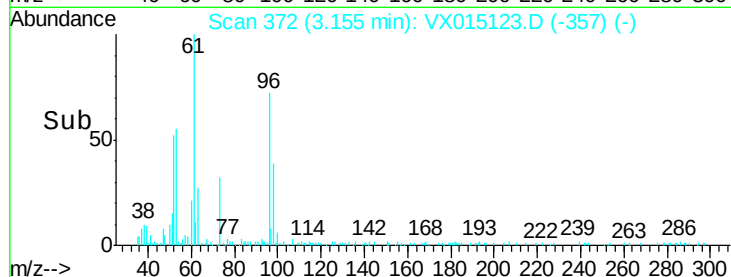
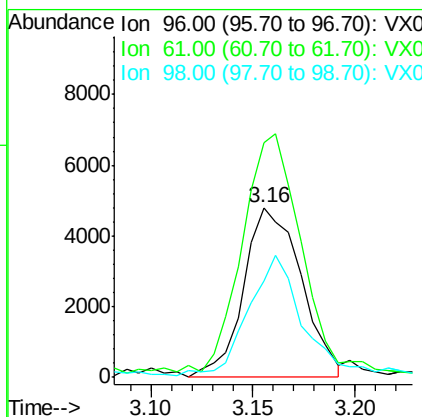
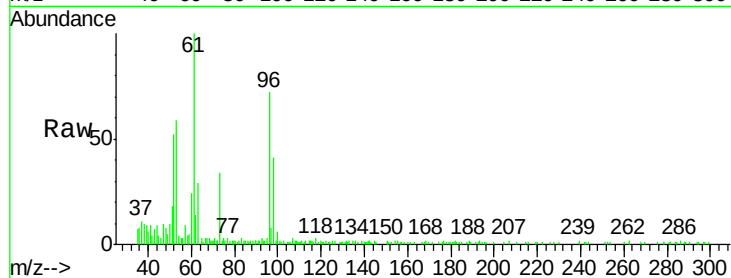
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	96	Resp:	9436
Ion	Ratio	Lower	Upper
96	100		
61	135.1	107.1	160.7
98	54.4	51.4	77.2

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#20

Diisopropyl ether

Concen: 2.776 ug/l

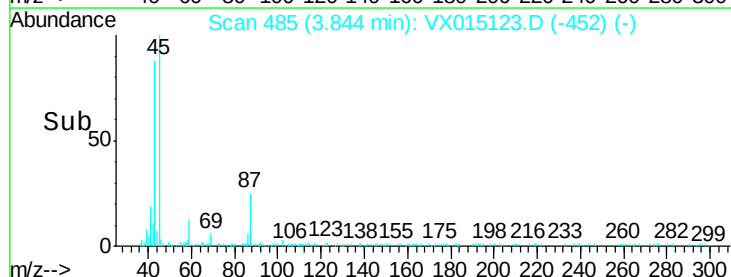
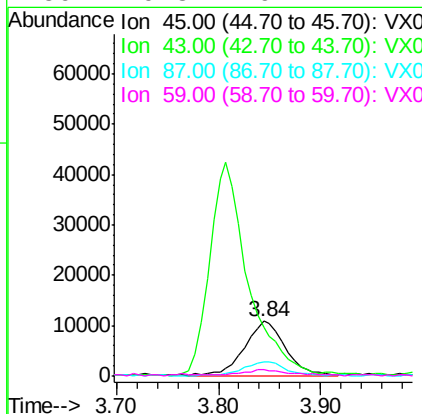
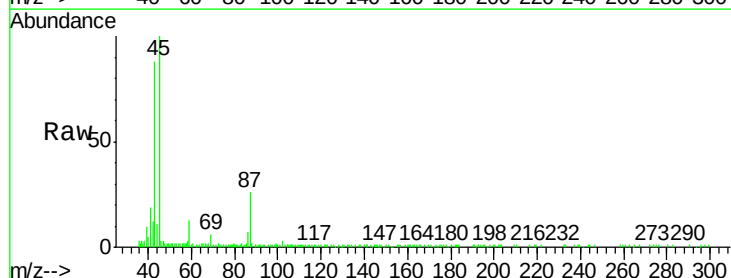
RT: 3.84 min Scan# 485

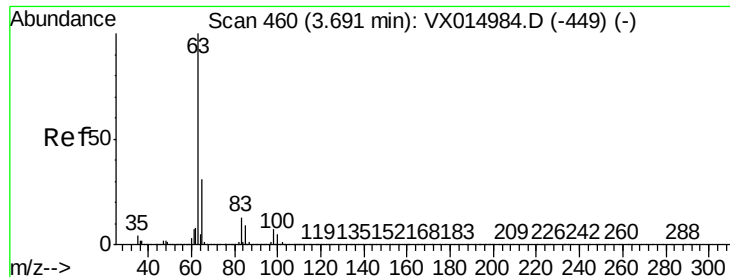
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	45	Resp:	30613
Ion	Ratio	Lower	Upper
45	100		
43	84.6	62.3	93.5
87	25.4	21.8	32.6
59	9.8	9.4	14.2





#21

1,1-Dichloroethane

Concen: 2.715 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

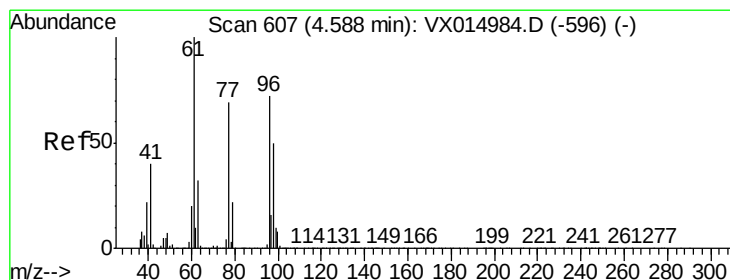
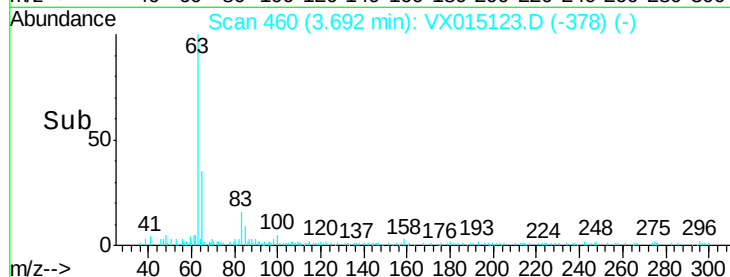
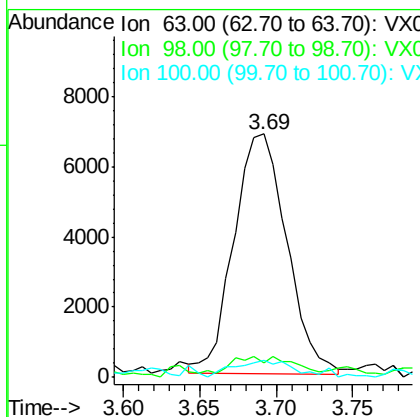
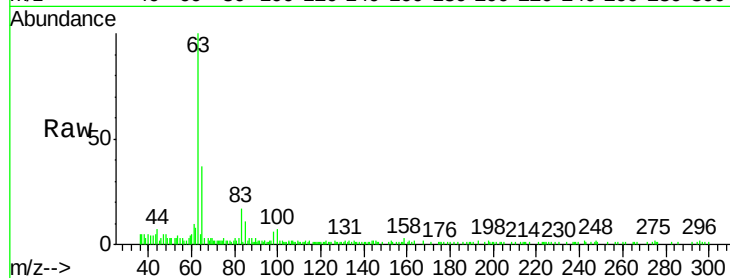
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	63	Resp:	16411
Ion Ratio	Lower	Upper	
63	100		
98	3.9	3.5	10.5
100	7.4	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 2.587 ug/l

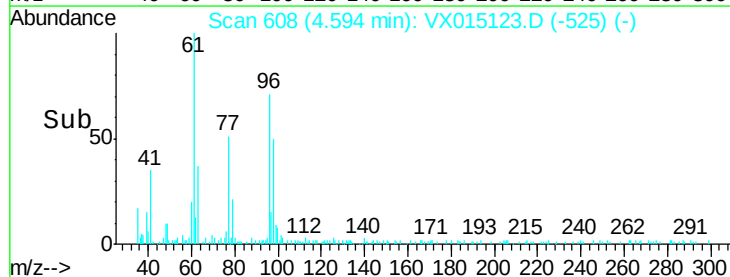
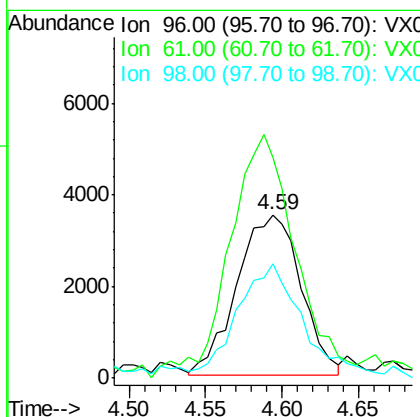
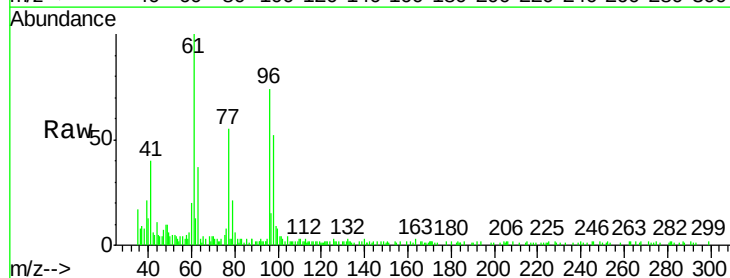
RT: 4.59 min Scan# 608

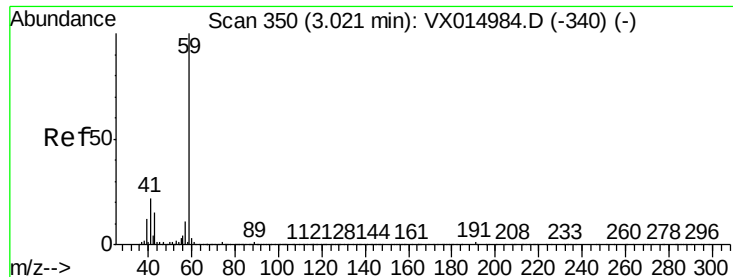
Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	96	Resp:	10092
Ion Ratio	Lower	Upper	
96	100		
61	145.9	110.6	165.8
98	66.2	50.4	75.6





#23

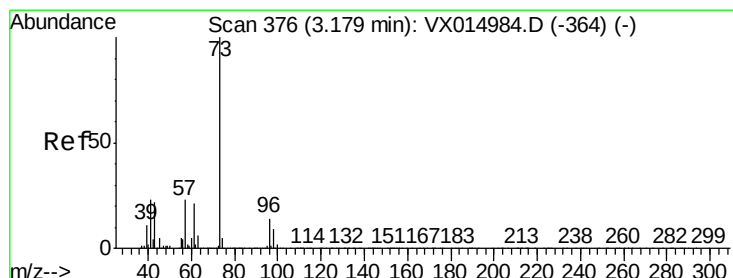
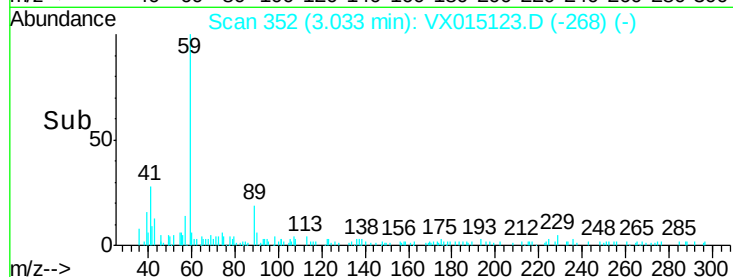
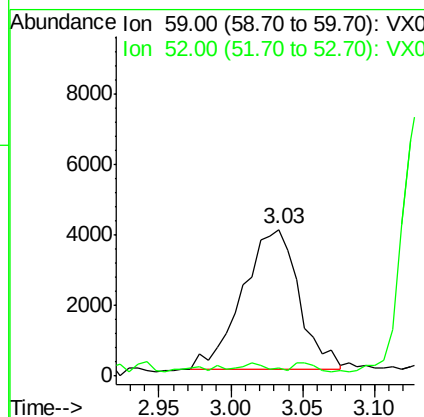
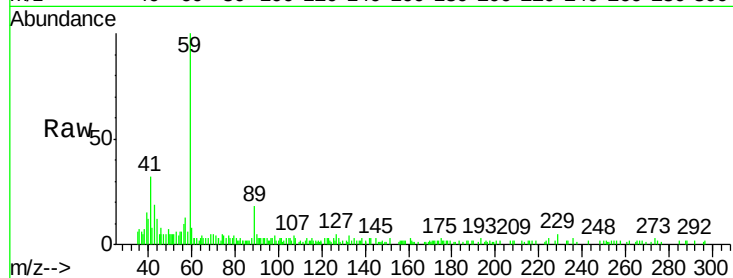
tert-Butyl Alcohol
Concen: 15.532 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
59	100		
52	2.8	0.4	0.6#

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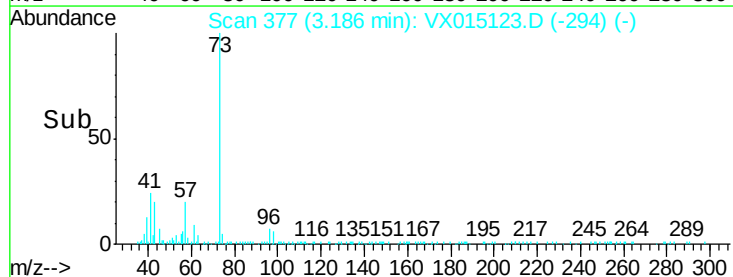
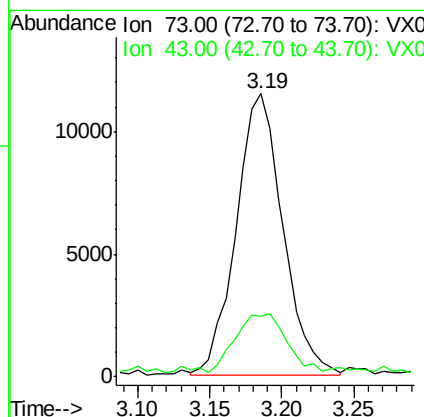
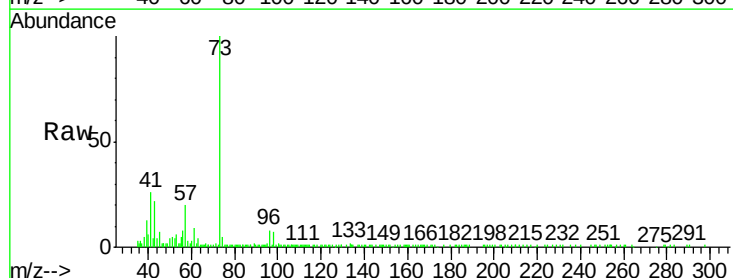
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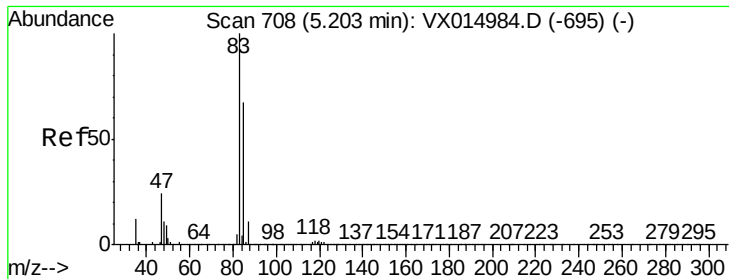


#24

Methyl tert-Butyl Ether
Concen: 2.499 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.3	17.7	26.5





#25

Chloroform

Concen: 2.797 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 83 Resp: 17050

Ion Ratio Lower Upper

83 100

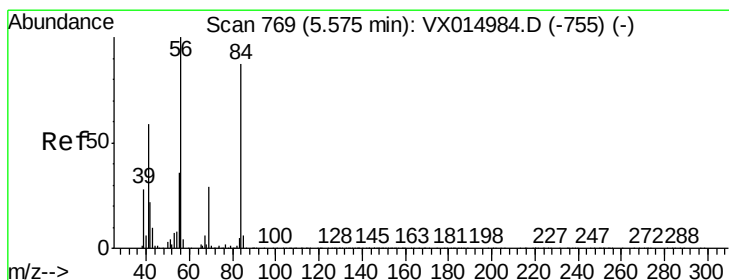
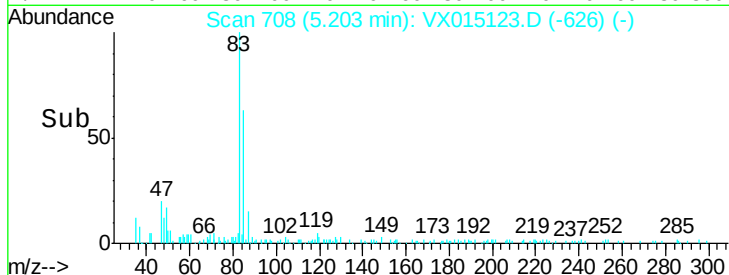
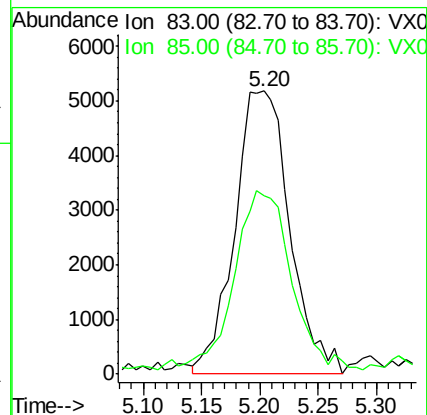
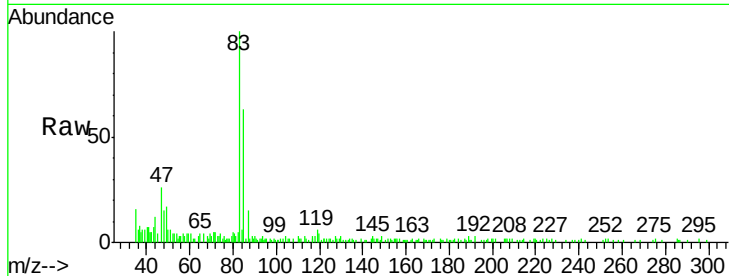
85 60.0 53.4 80.0

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#26

Cyclohexane

Concen: 2.579 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

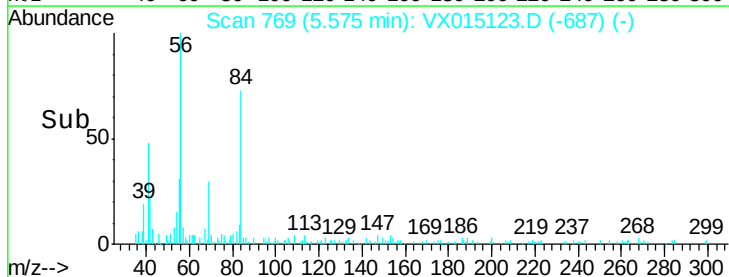
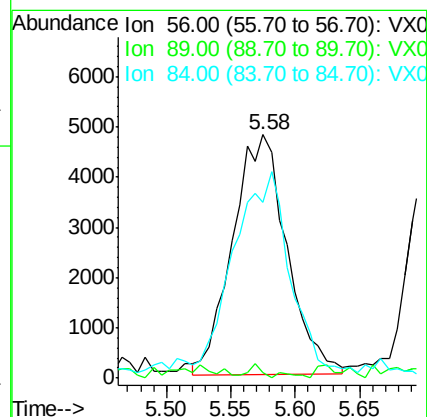
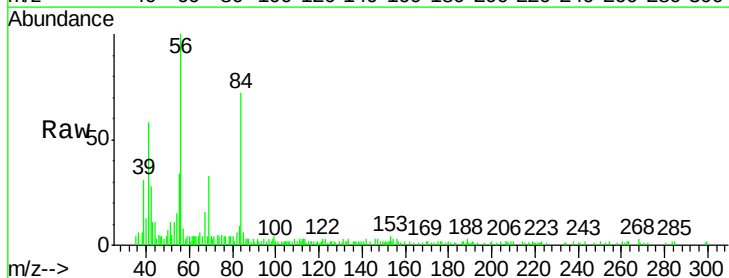
Tgt Ion: 56 Resp: 13935

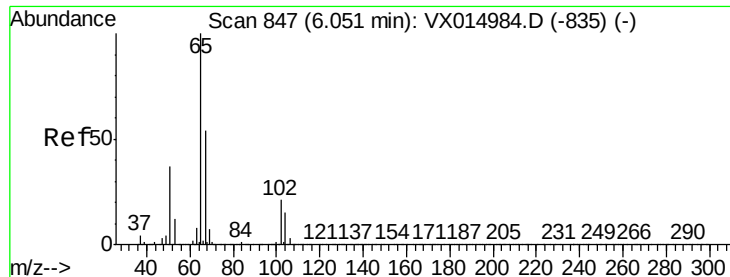
Ion Ratio Lower Upper

56 100

89 1.6 0.2 0.2#

84 46.4 71.8 107.8#





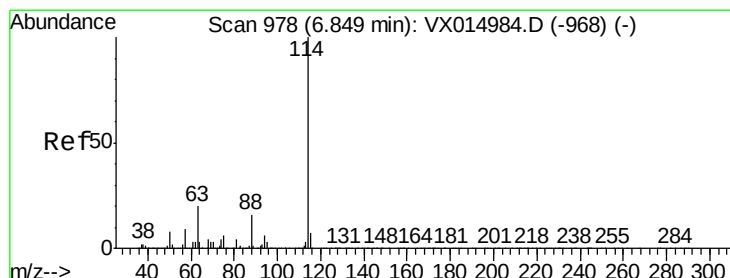
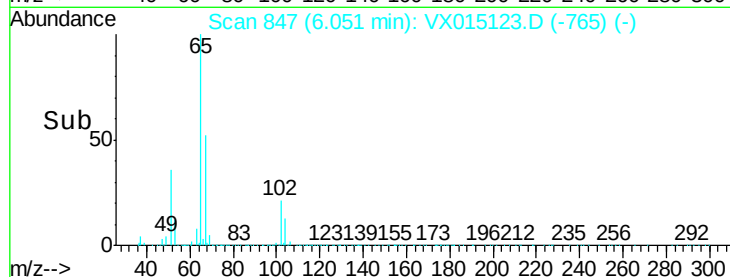
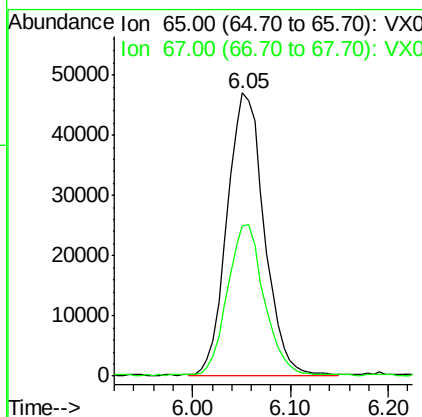
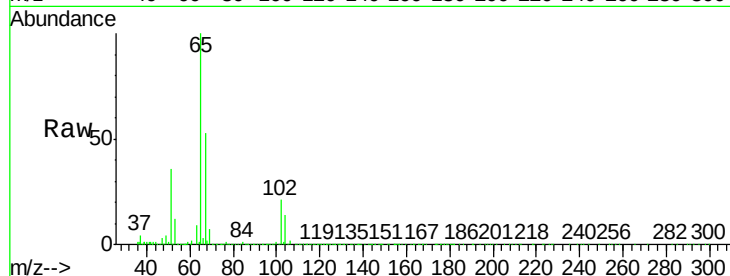
#27
 1,2-Dichloroethane-d4
 Concen: 30.035 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.9	62.9

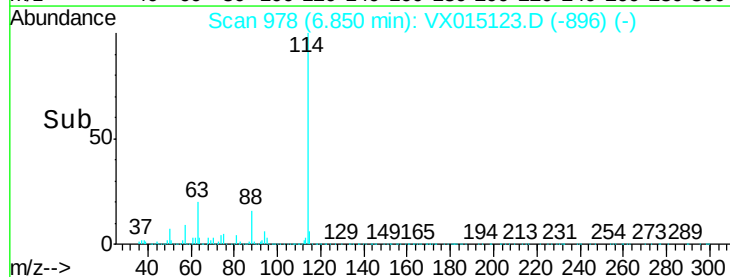
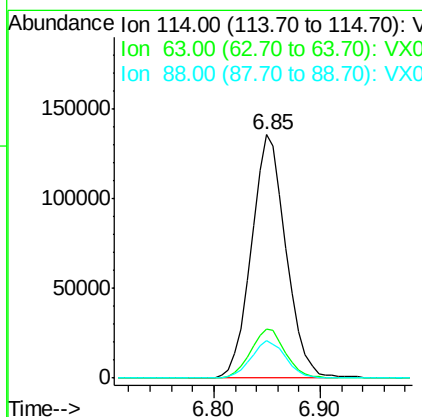
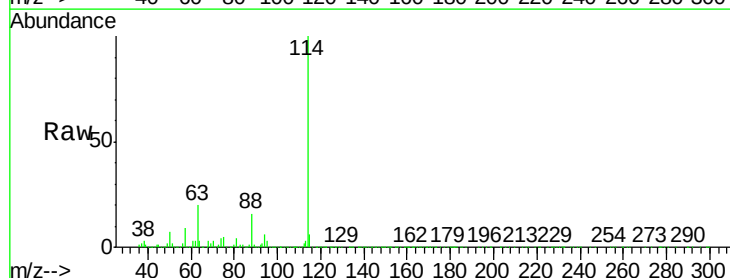
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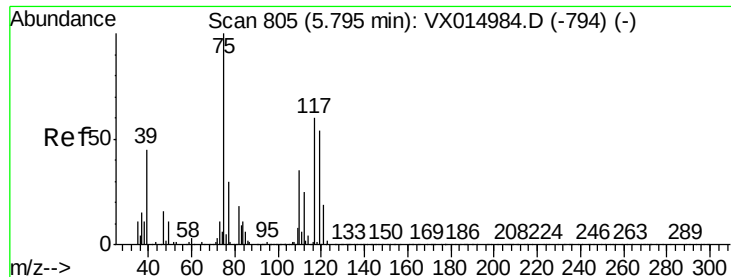
MMDadoda
 3/9/2020 9:36:43 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.6	23.4
88	15.3	12.2	18.2





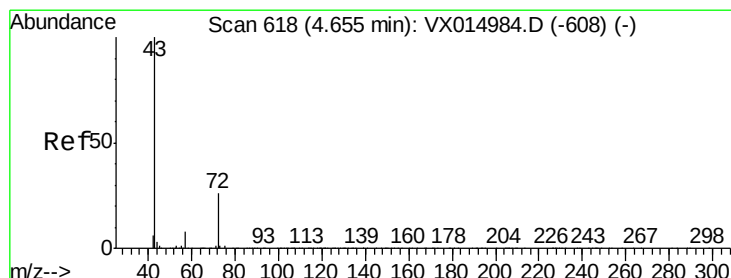
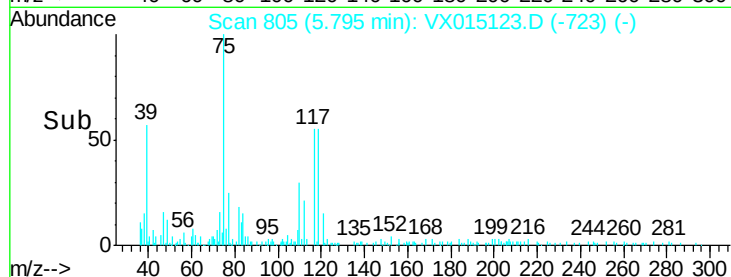
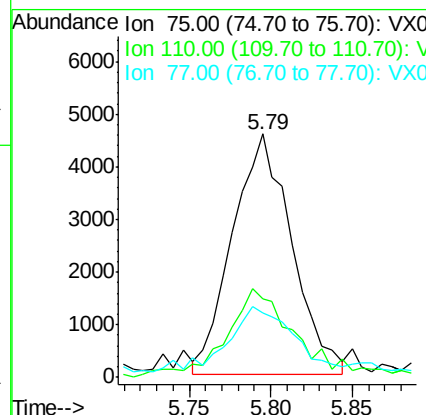
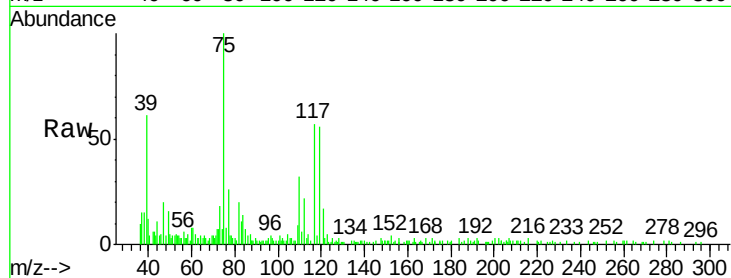
#29
 1,1-Dichloropropene
 Concen: 2.667 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

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

Tot Ion	75	Resp	11586
Ion Ratio	Lower	Upper	
75	100		
110	36.4	0.0	75.0
77	30.1	0.0	64.0

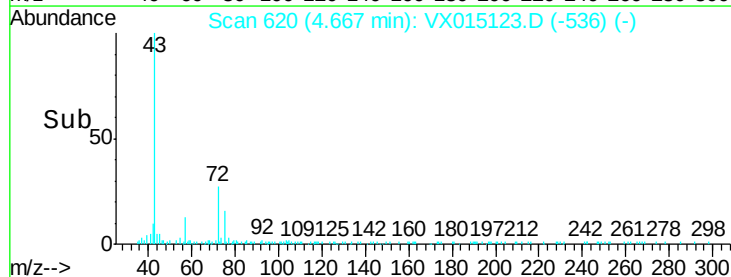
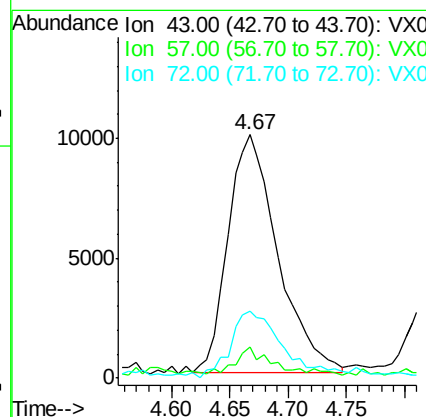
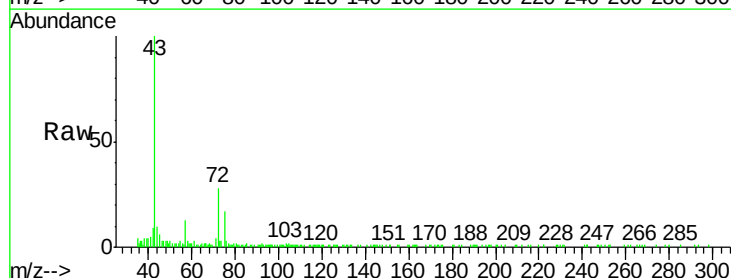
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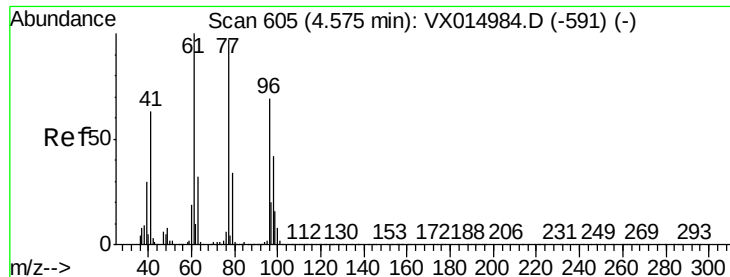
MMDadoda
 3/9/2020 9:36:43 AM



#30
 2-Butanone
 Concen: 11.665 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

Tgt Ion	43	Resp	29255
Ion Ratio	Lower	Upper	
43	100		
57	6.9	6.5	9.7
72	28.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 2.628 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 77 Resp: 12537

Ion Ratio Lower Upper

77 100

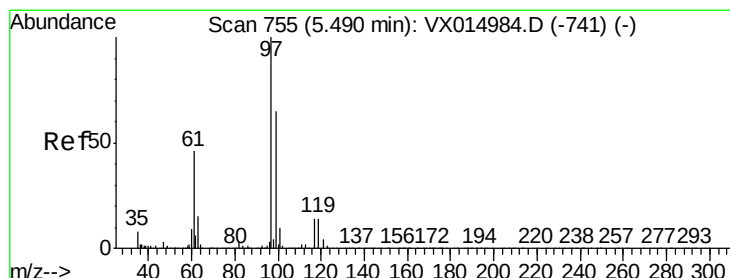
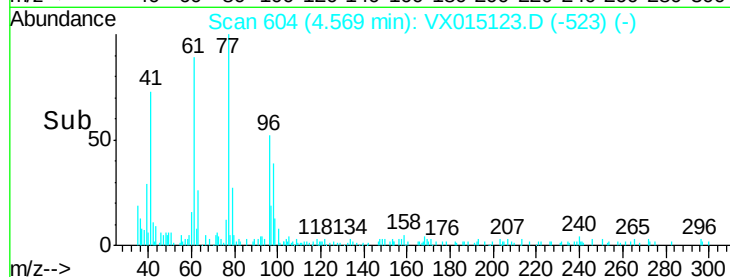
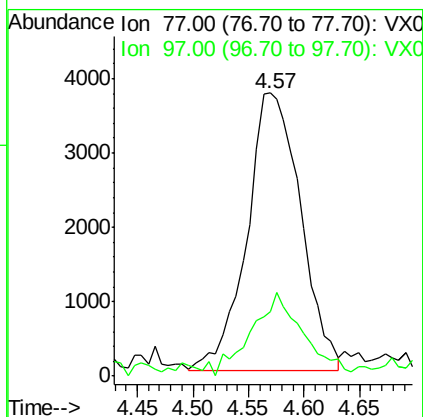
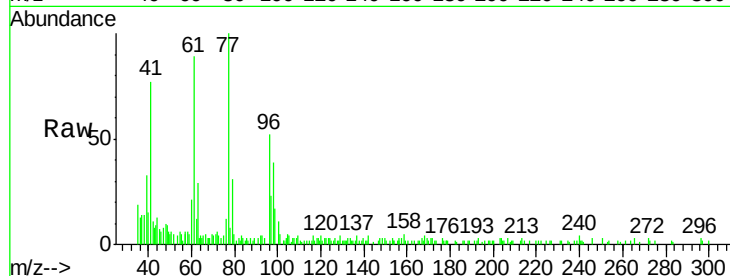
97 24.2 18.4 27.6

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#32

1,1,1-Trichloroethane

Concen: 2.813 ug/l m

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

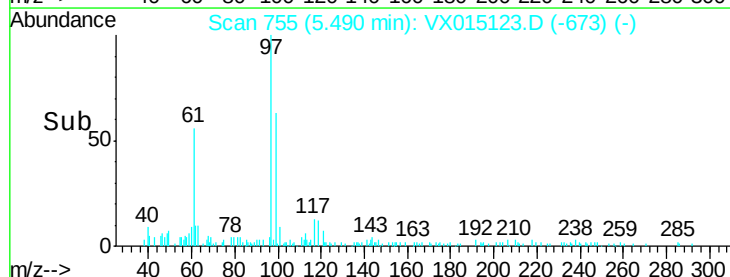
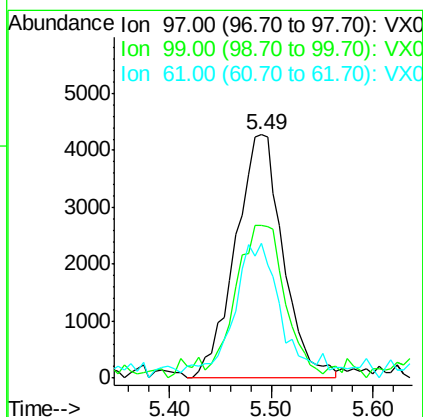
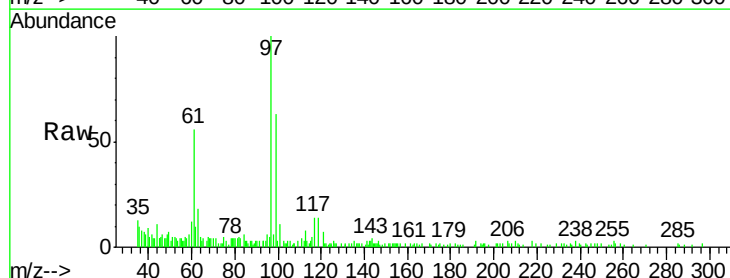
Tgt Ion: 97 Resp: 13878

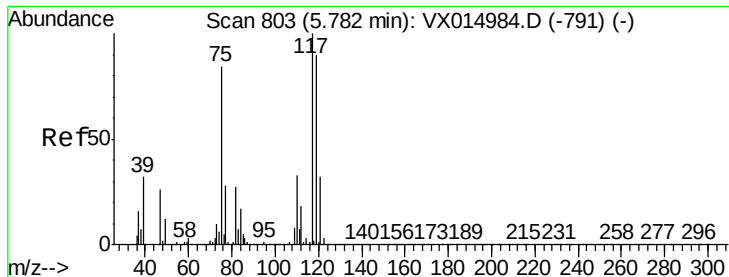
Ion Ratio Lower Upper

97 100

99 0.7 53.0 79.6#

61 0.5 36.2 54.2#





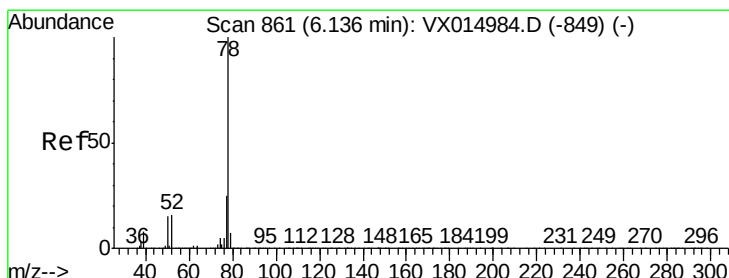
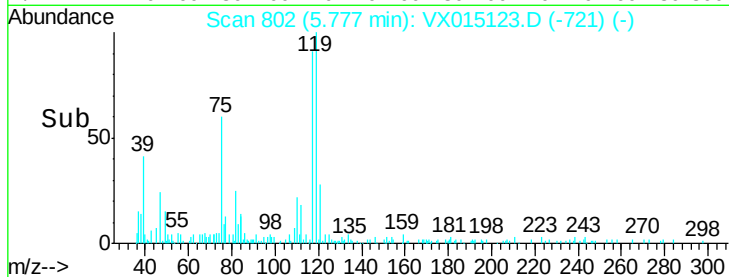
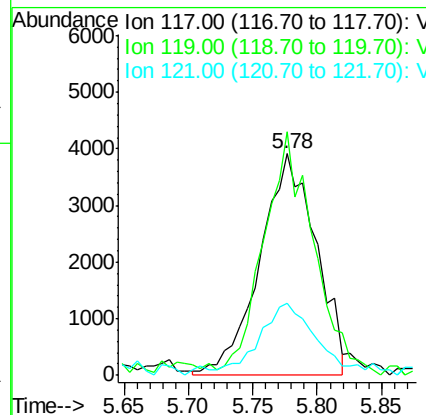
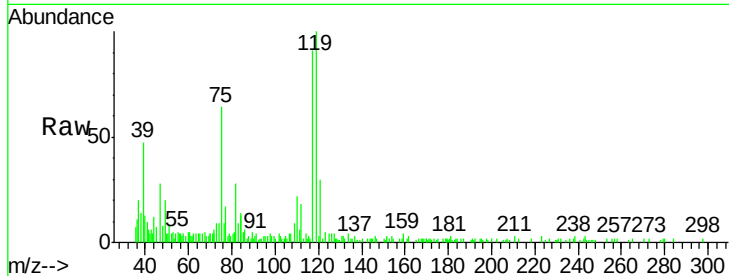
#33
Carbon Tetrachloride
Concen: 2.739 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
117	100		
119	106.7	71.9	107.9
121	30.7	25.4	38.2

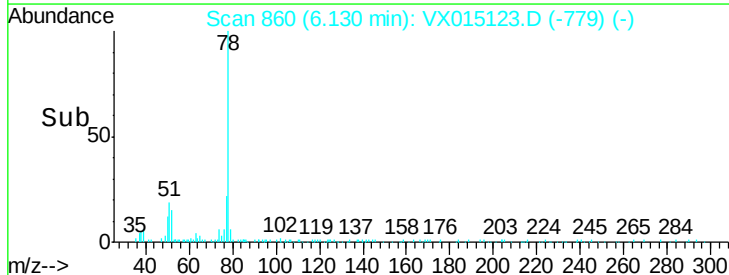
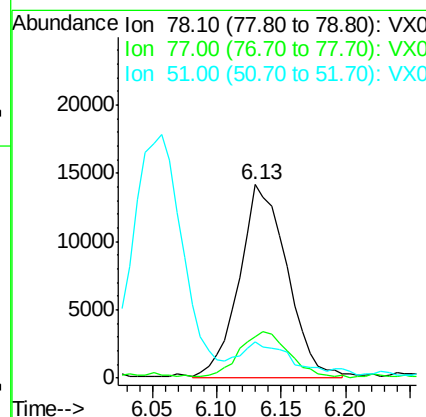
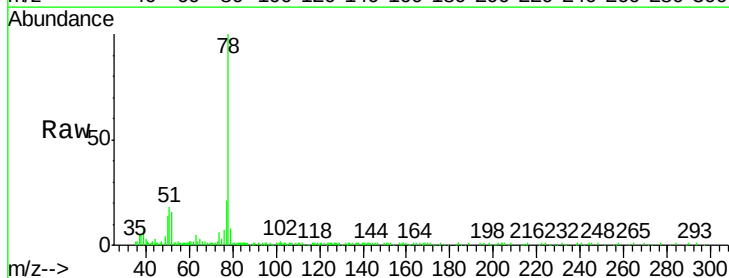
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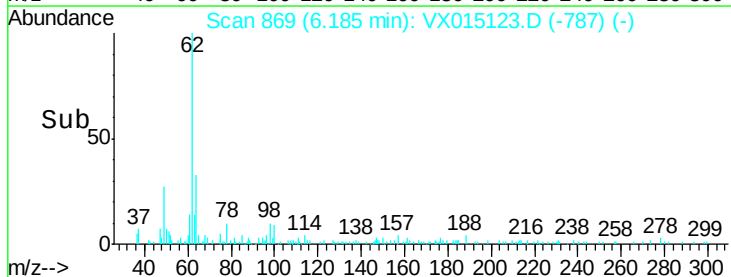
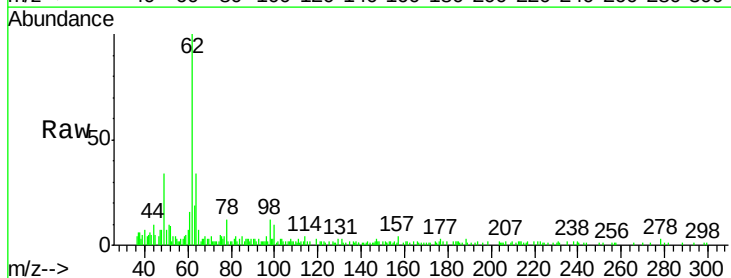
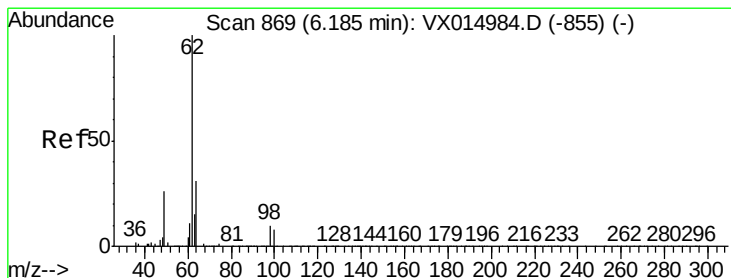
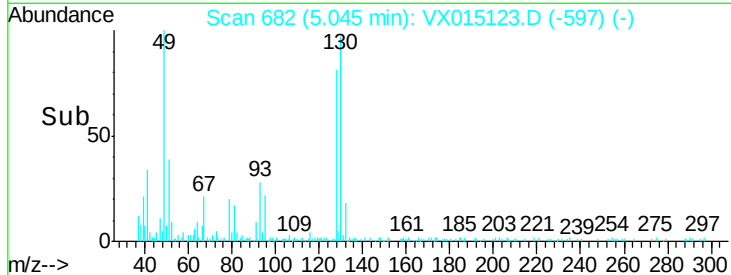
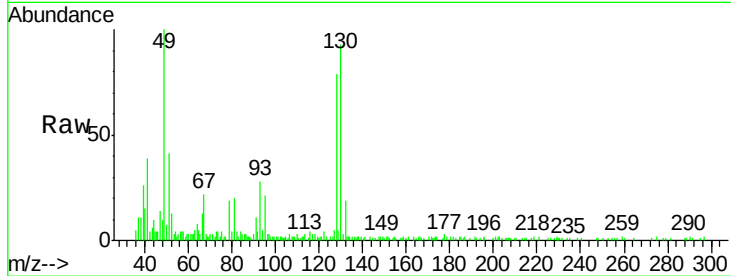
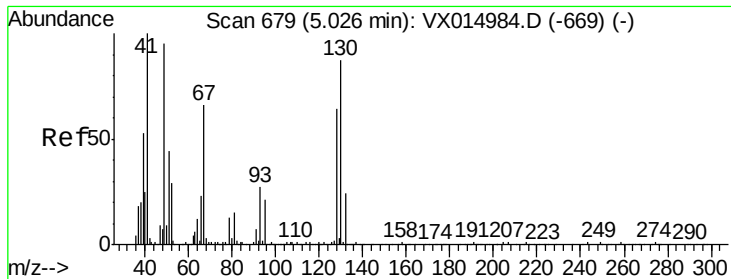
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#34
Benzene
Concen: 2.772 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

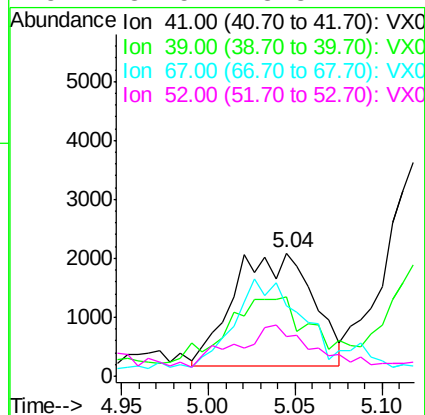
Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.0	20.0	30.0#
51	13.9	13.3	19.9





#35
Methacrylonitrile
Concen: 2.369 ug/l m
RT: 5.04 min Scan# 682
Delta R.T. 0.02 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tot Ion	41	Resp:	6061
Ion Ratio	Lower	Upper	
41	100		
39	65.0	25.9	77.7
67	56.9	32.7	98.1
52	32.5	13.8	41.4



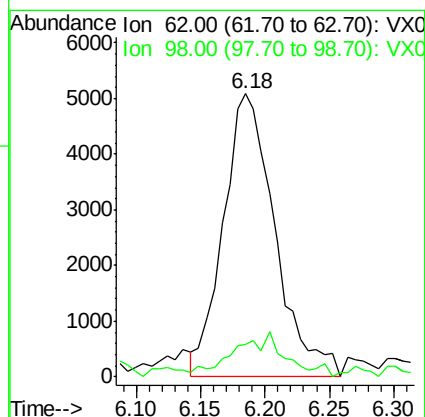
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

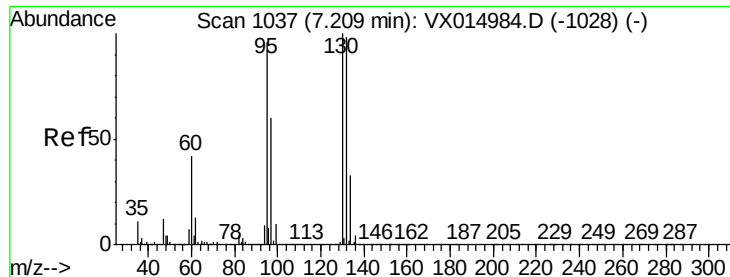
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#36
1,2-Dichloroethane
Concen: 3.058 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	62	Resp:	14191
Ion Ratio	Lower	Upper	
62	100		
98	7.4	7.5	11.3#





#37

Trichloroethene

Concen: 2.892 ug/l m

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:130 Resp: 10646

Ion Ratio Lower Upper

130 100

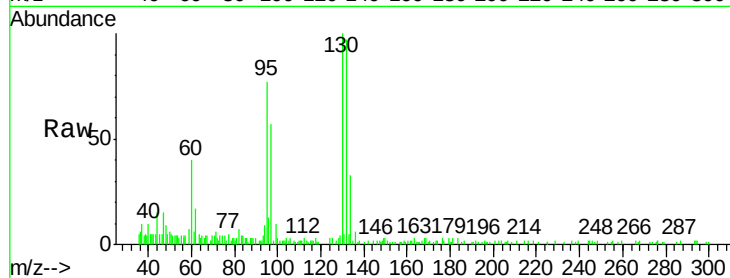
95 76.5 77.1 115.7#

Manual Integrations

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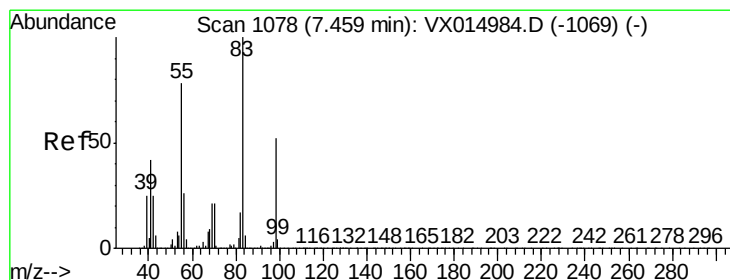
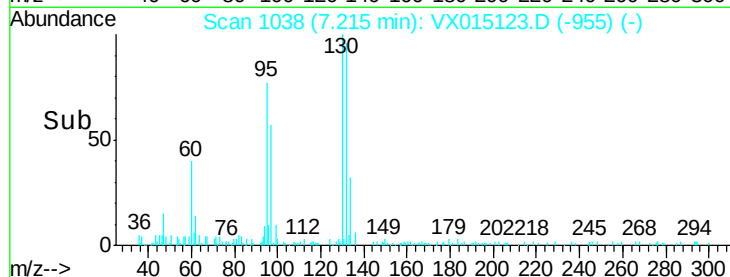
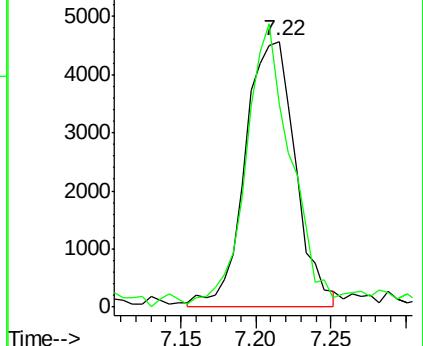
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 2.424 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

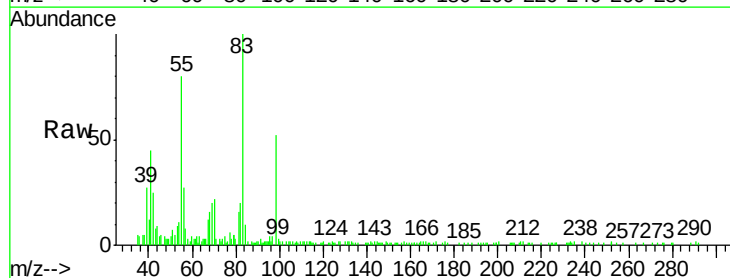
Tgt Ion: 83 Resp: 13053

Ion Ratio Lower Upper

83 100

55 83.5 38.2 114.6

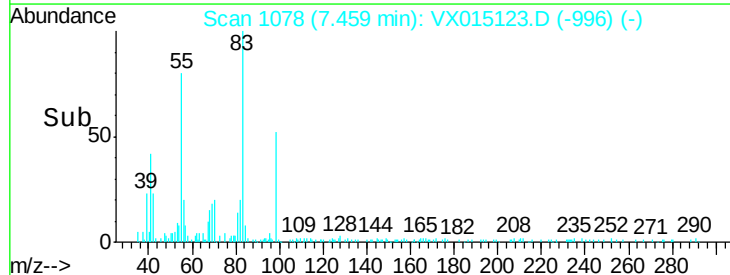
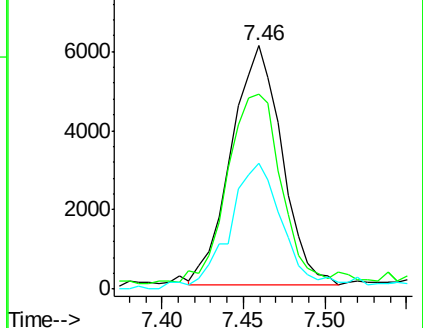
98 51.8 25.3 75.8

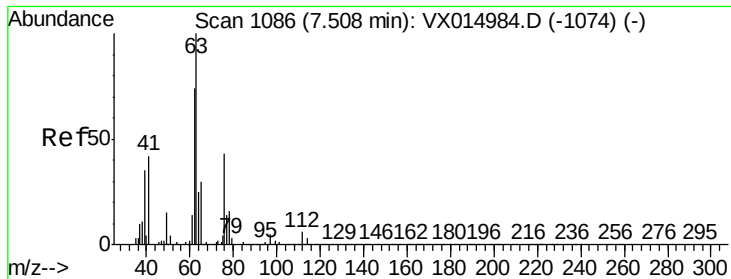


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





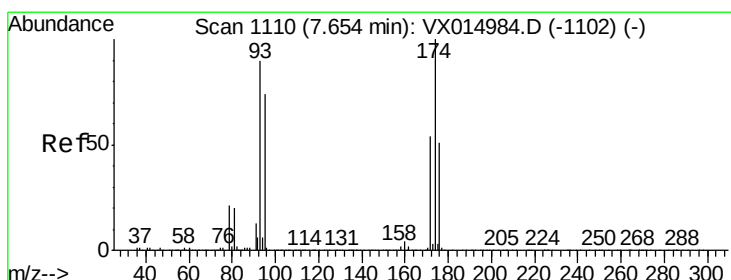
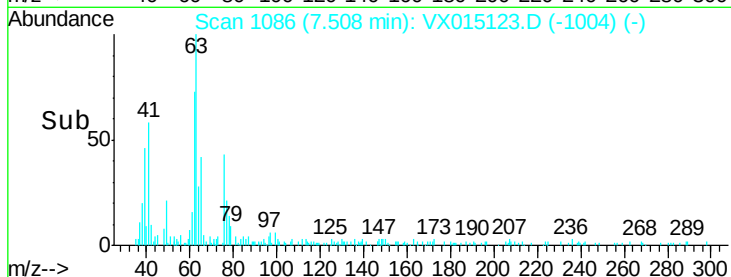
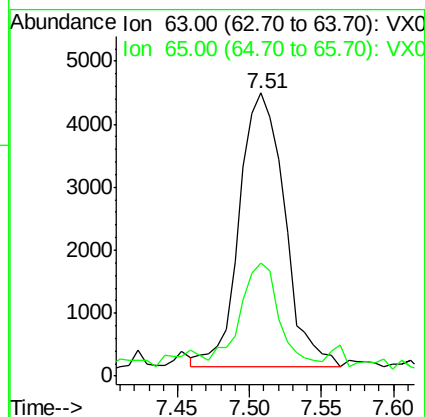
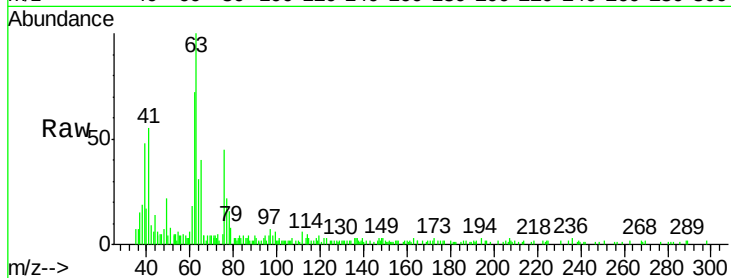
#39
 1,2-Dichloropropane
 Concen: 2.784 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.6	36.8

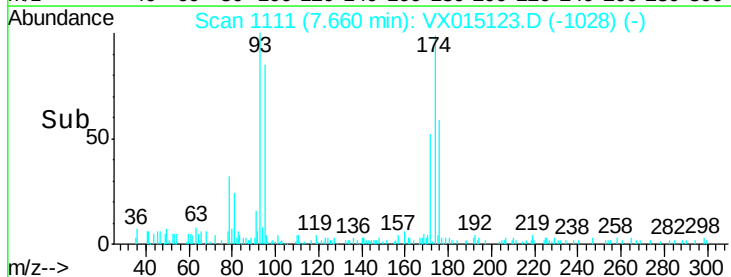
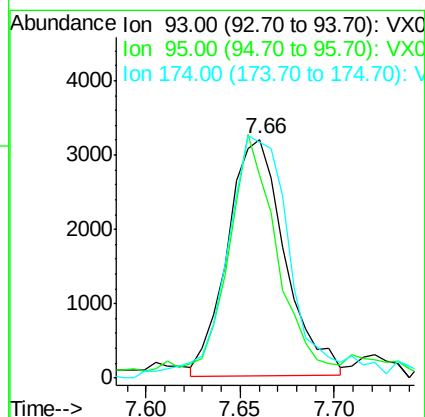
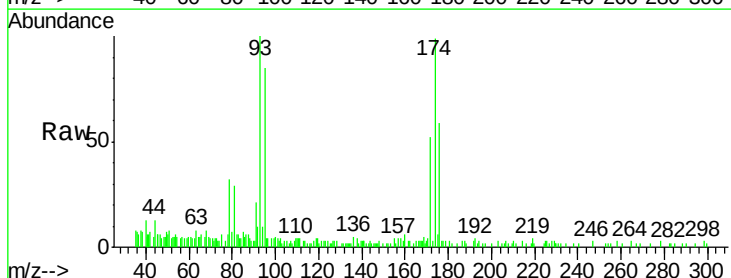
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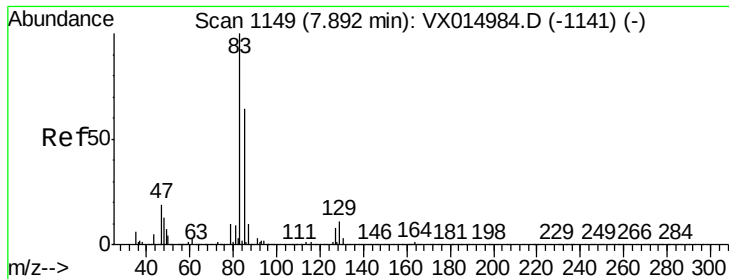
MMDadoda
 3/9/2020 9:36:43 AM



#40
 Dibromomethane
 Concen: 2.990 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	77.8	0.0	164.6
174	110.5	0.0	226.4





#41

Bromodichloromethane

Concen: 2.738 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

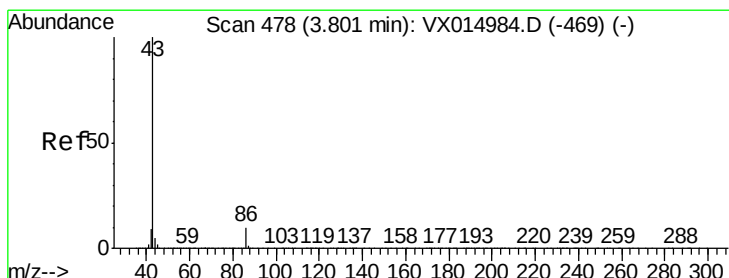
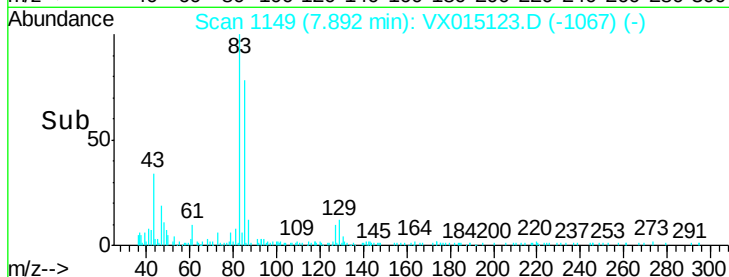
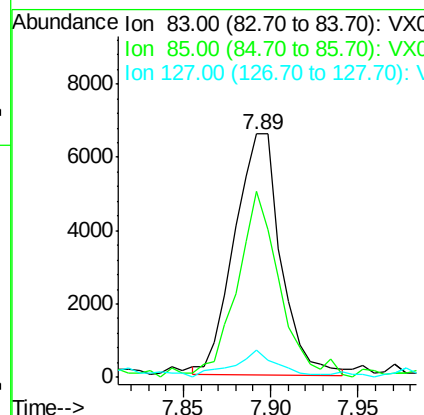
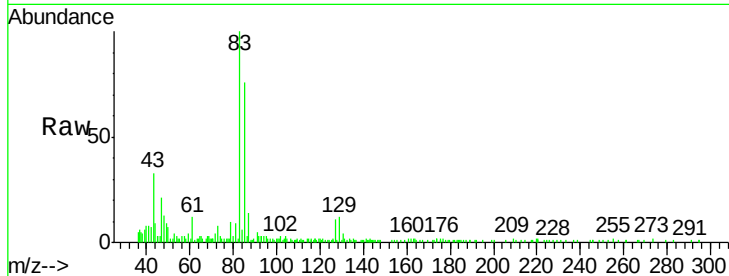
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	83	Resp:	12188
Ion Ratio	Lower	Upper	
83	100		
85	77.7	51.0	76.4#
127	10.9	6.6	10.0#

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#42

Vinyl Acetate

Concen: 12.646 ug/l

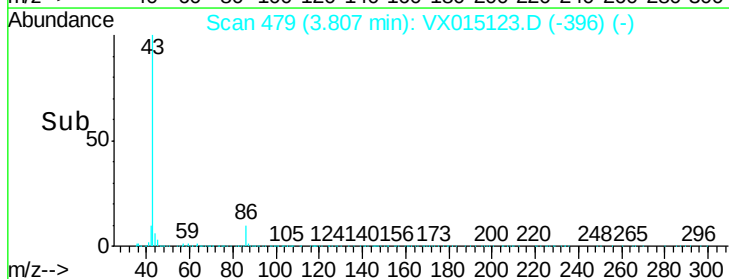
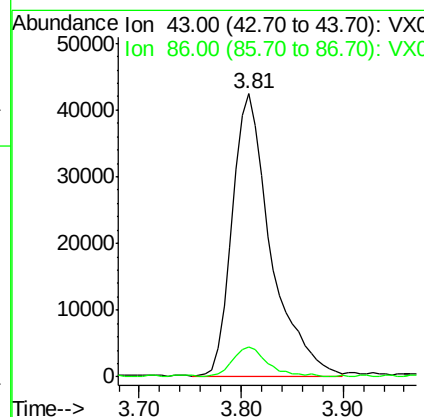
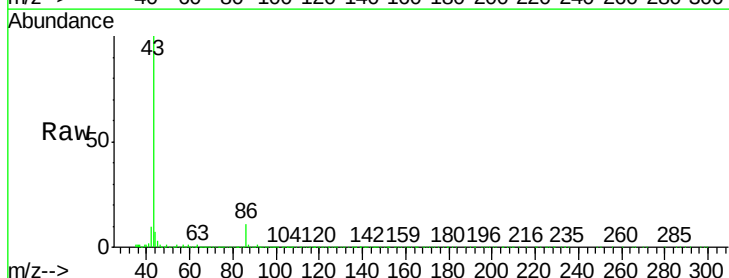
RT: 3.81 min Scan# 479

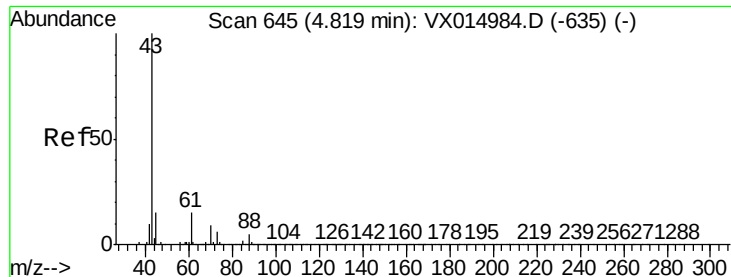
Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	43	Resp:	111627
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.6	11.4





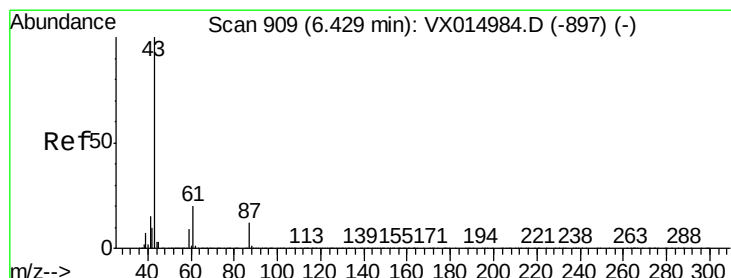
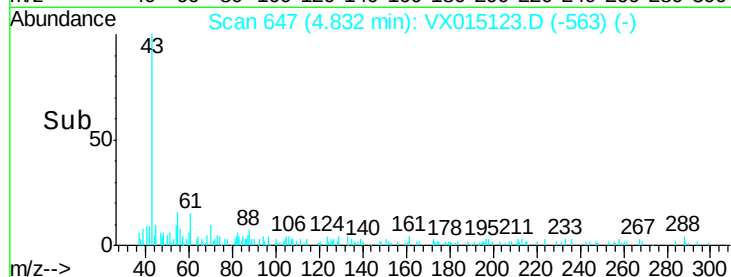
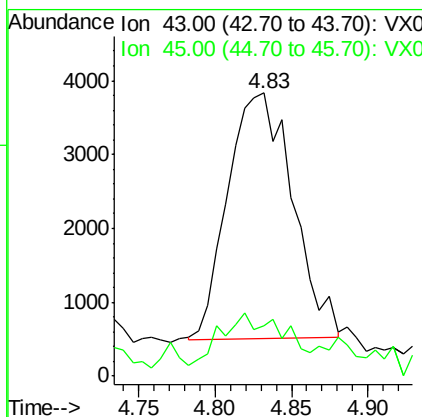
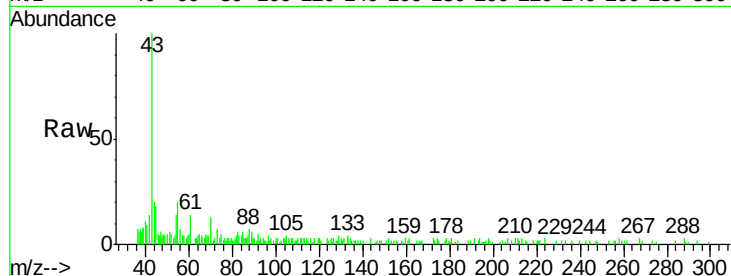
#43
Ethyl Acetate
Concen: 2.166 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion: 43 Resp: 9828
Ion Ratio Lower Upper
43 100
45 10.5 10.8 16.2#

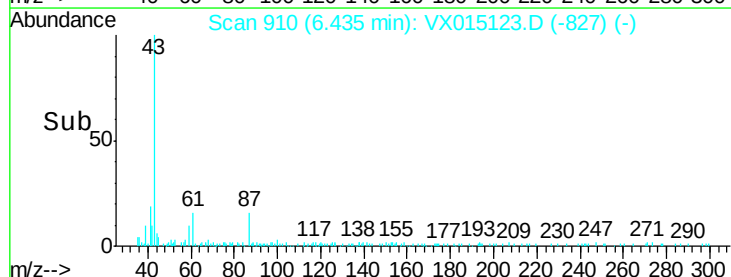
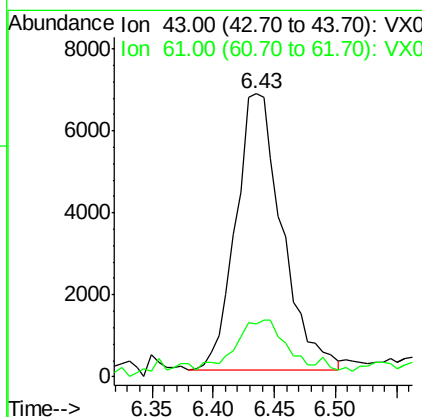
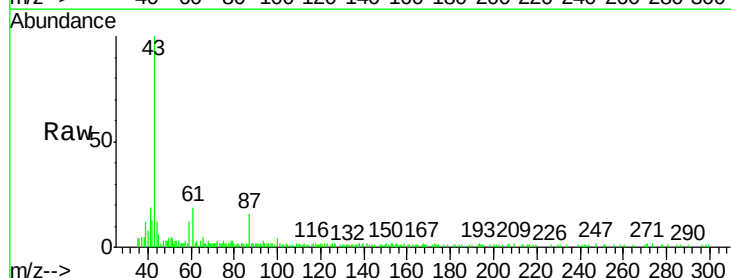
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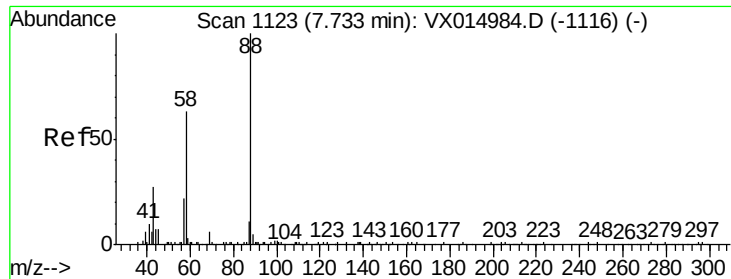
MMDadoda
3/9/2020 9:36:43 AM



#44
Isopropyl Acetate
Concen: 2.325 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion: 43 Resp: 17739
Ion Ratio Lower Upper
43 100
61 17.9 15.6 23.4





#45

1,4-Dioxane

Concen: 59.345 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

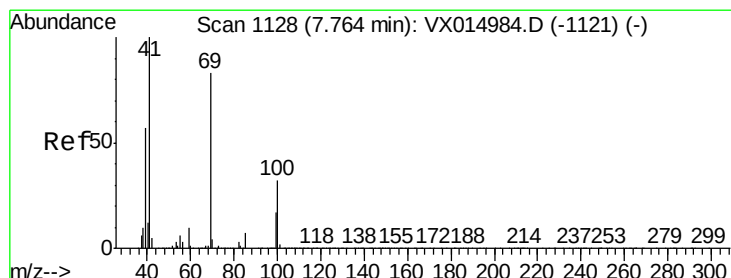
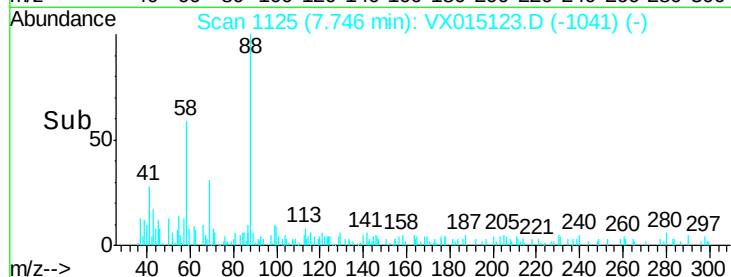
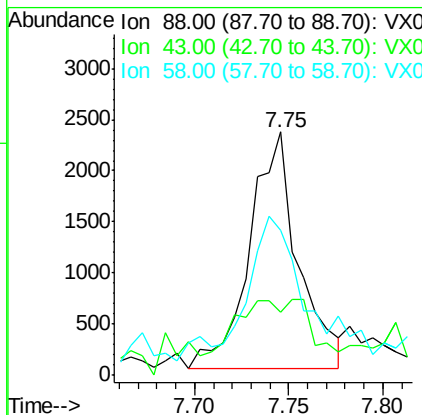
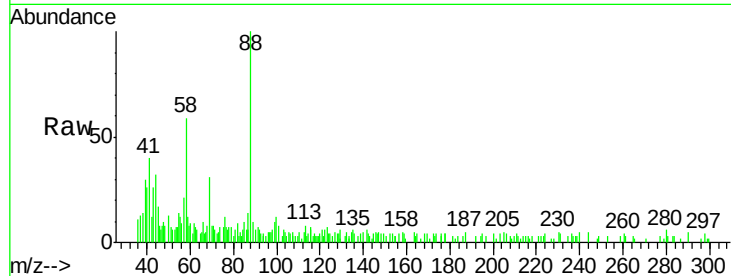
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	88	Resp:	4183
Ion	Ratio	Lower	Upper
88	100		
43	21.4	25.4	38.2#
58	64.4	55.8	83.8

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#46

Methyl methacrylate

Concen: 2.264 ug/l

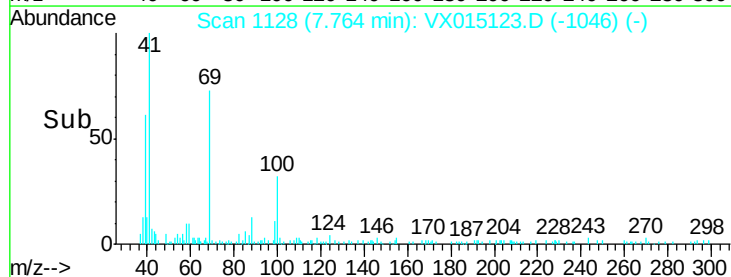
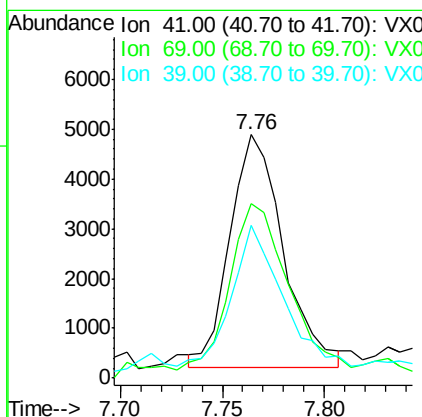
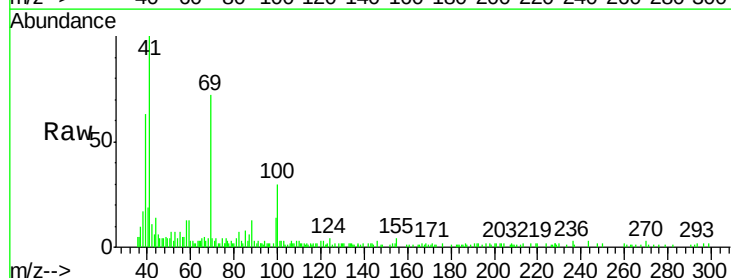
RT: 7.76 min Scan# 1128

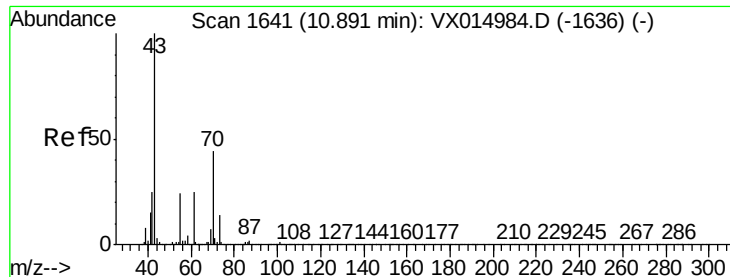
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	41	Resp:	8544
Ion	Ratio	Lower	Upper
41	100		
69	72.2	41.4	124.2
39	60.9	28.3	84.9





#47

n-amvl Acetate

Concen: 1.864 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 43 Resp: 12319

Ion Ratio Lower Upper

43 100

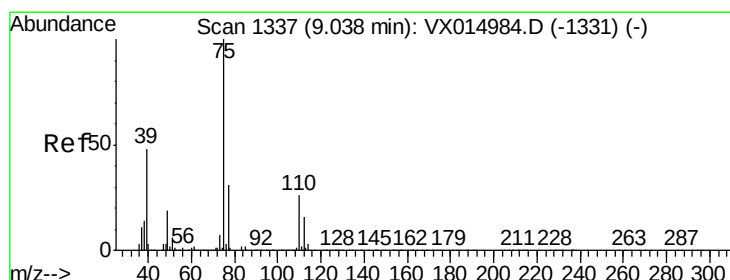
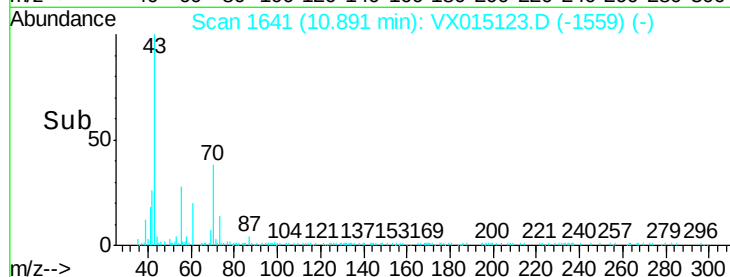
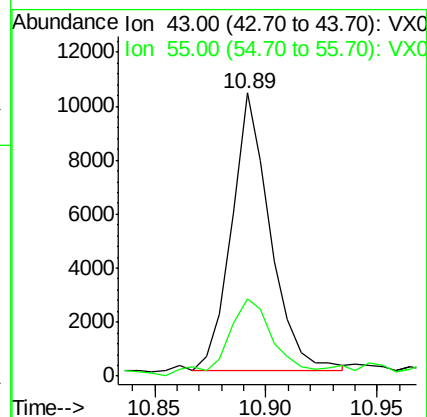
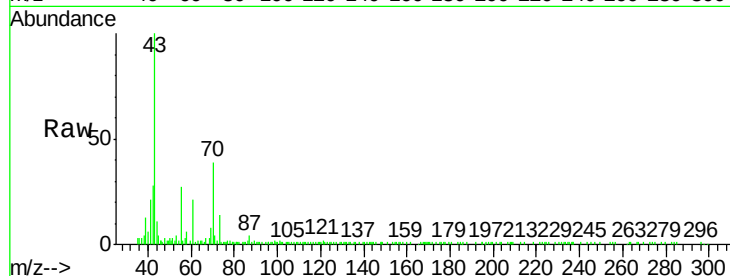
55 26.8 19.2 28.8

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3/9/2020 9:36:43 AM



#48

t-1,3-Dichloropropene

Concen: 2.383 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015123.D

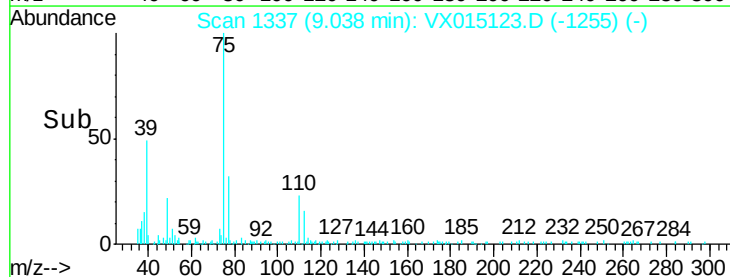
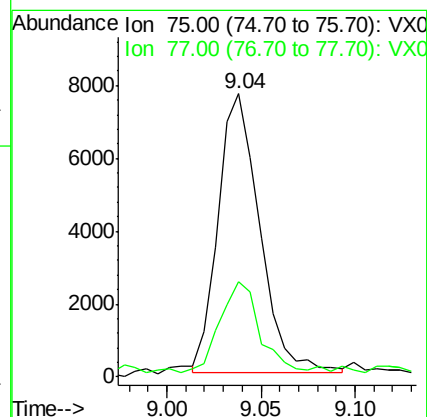
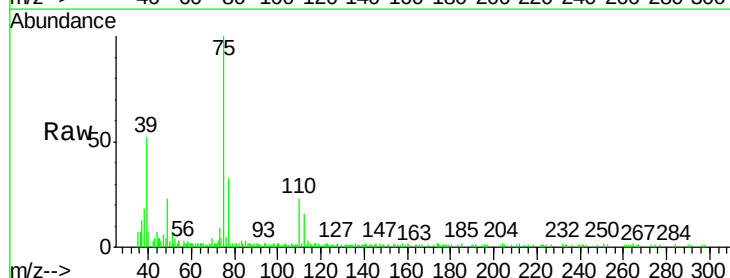
Acq: 06 Mar 2020 13:47

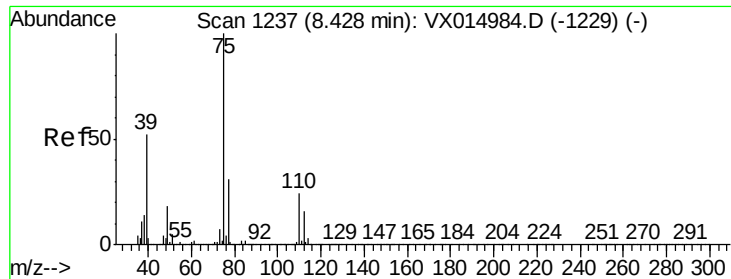
Tgt Ion: 75 Resp: 11770

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 2.468 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

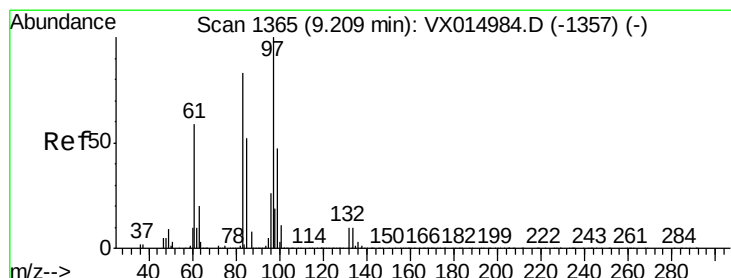
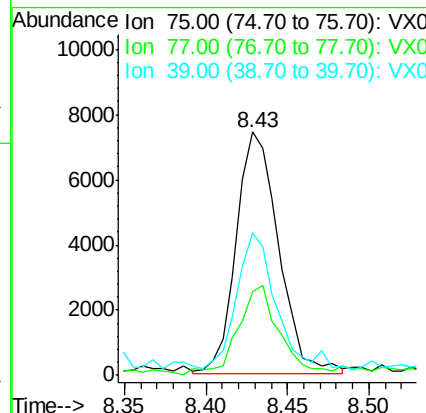
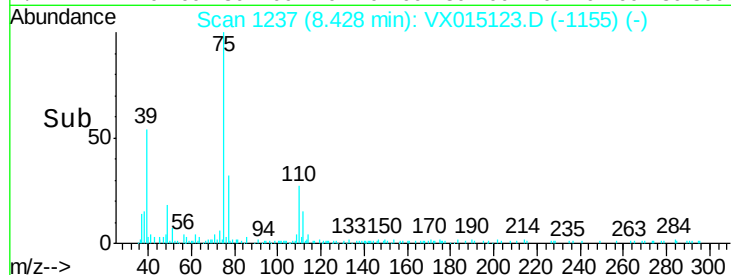
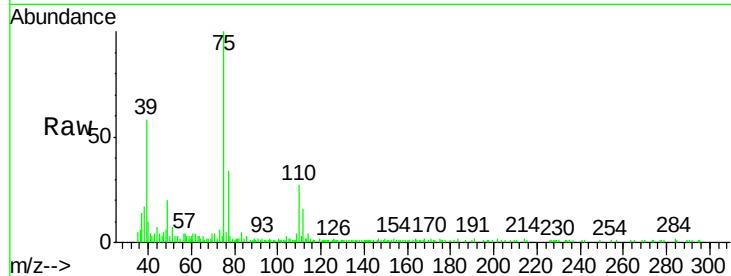
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	75	Resp:	13419
Ion Ratio	Lower	Upper	
75	100		
77	31.7	24.6	36.8
39	55.9	41.5	62.3

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#50

1,1,2-Trichloroethane

Concen: 2.657 ug/l

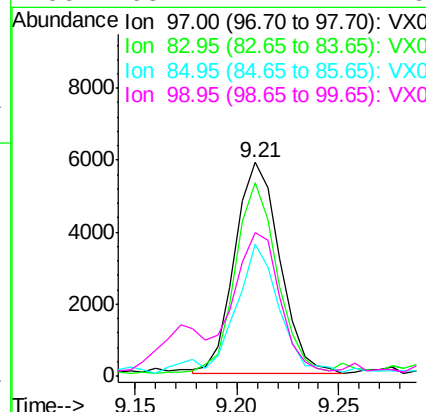
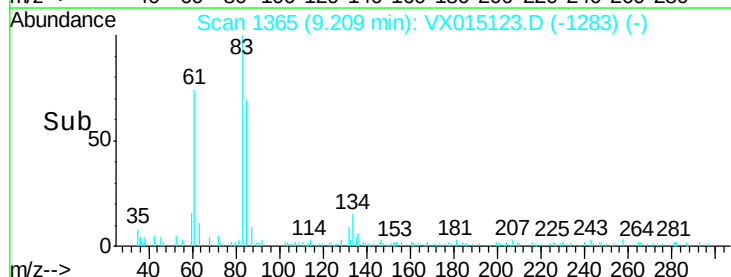
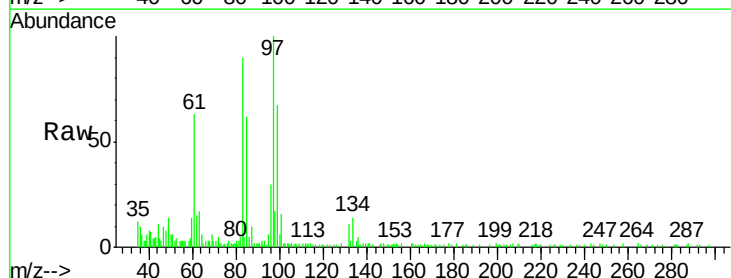
RT: 9.21 min Scan# 1365

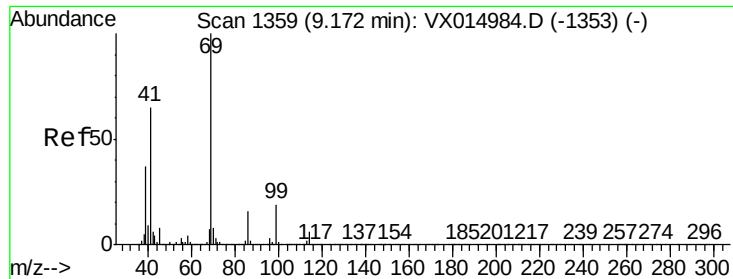
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	97	Resp:	8919
Ion Ratio	Lower	Upper	
97	100		
83	89.2	66.2	99.2
85	60.8	42.4	63.6
99	65.1	47.7	71.5





#51

Ethyl methacrylate

Concen: 2.221 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

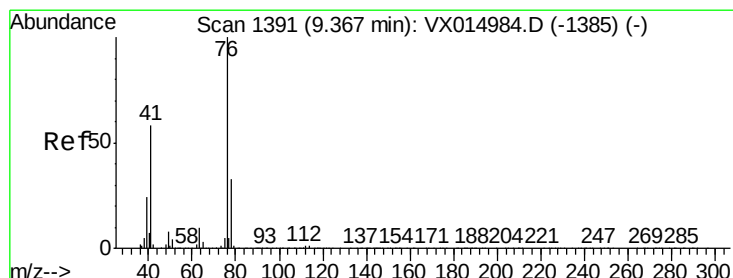
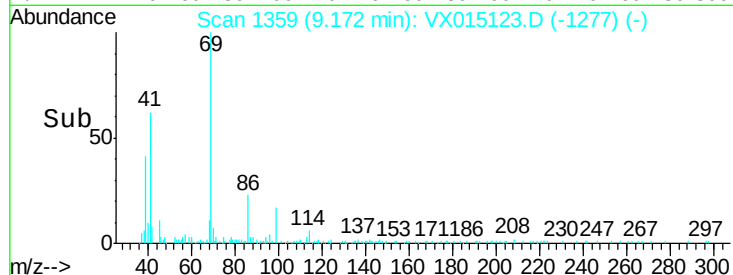
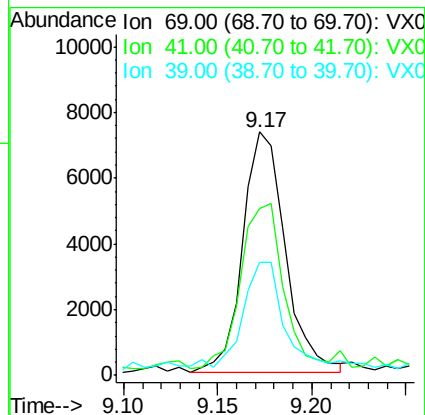
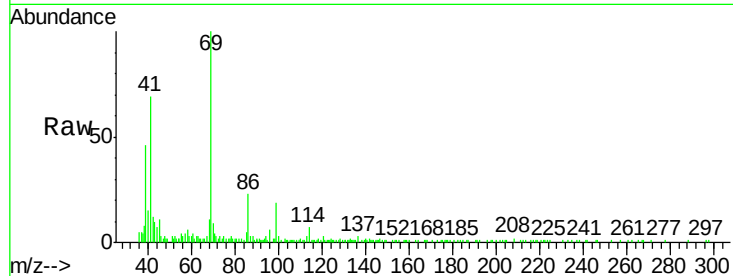
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	69	Resp:	11508
Ion	Ratio	Lower	Upper
69	100		
41	66.8	32.7	98.1
39	43.0	18.2	54.6

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#52

1,3-Dichloropropane

Concen: 2.809 ug/l

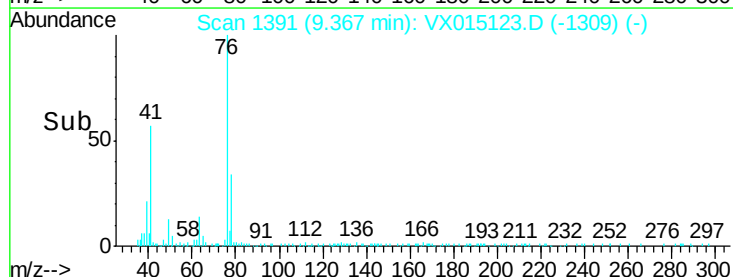
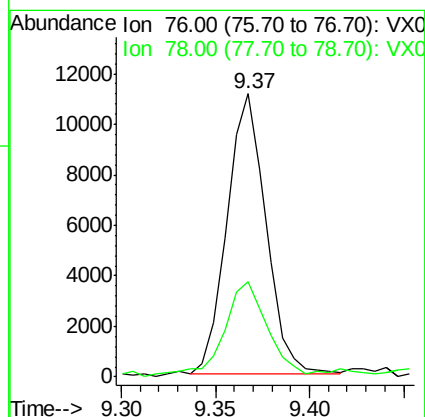
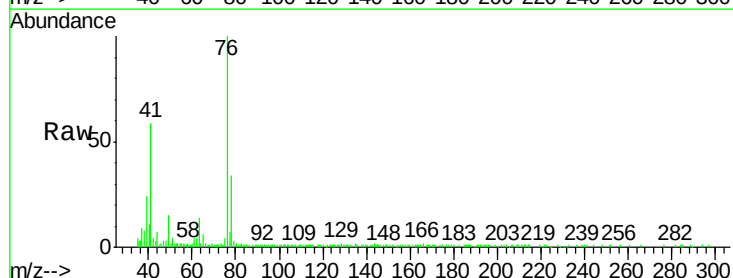
RT: 9.37 min Scan# 1391

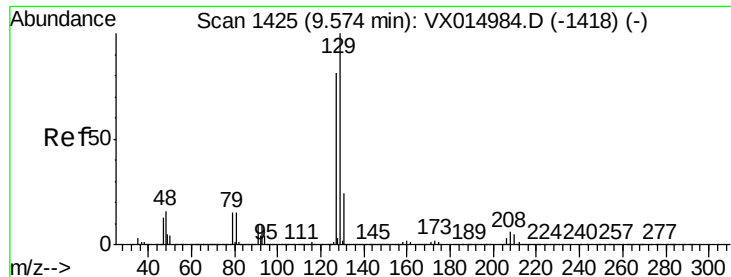
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	76	Resp:	15956
Ion	Ratio	Lower	Upper
76	100		
78	37.9	0.0	65.0





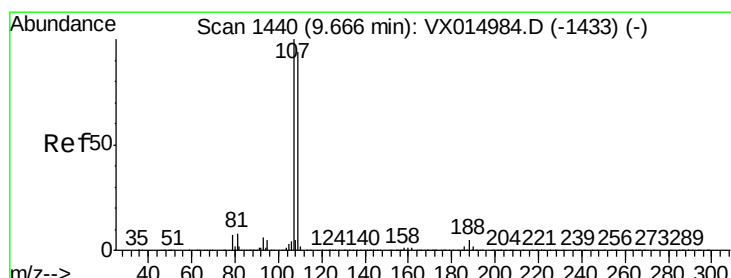
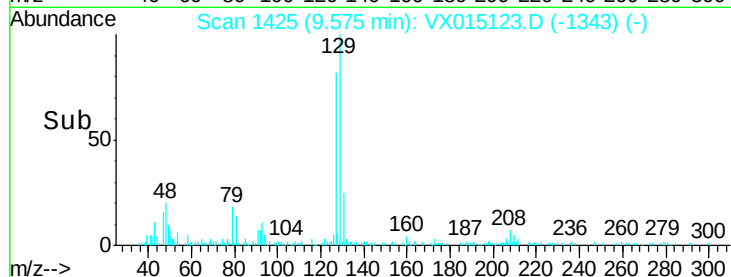
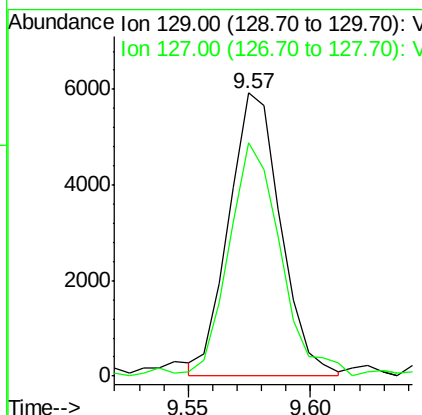
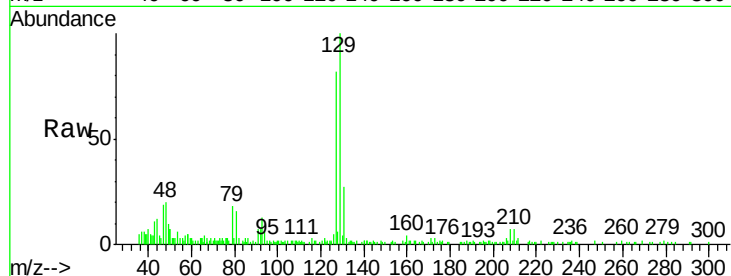
#53
Dibromochloromethane
Concen: 2.397 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.3	114.9

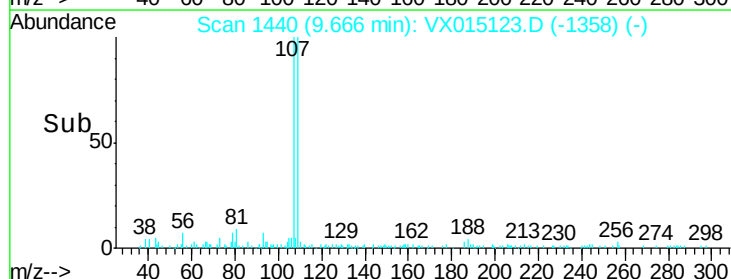
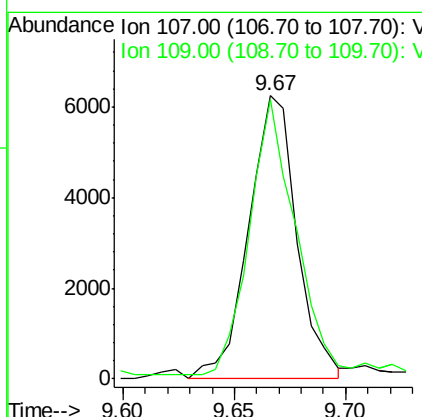
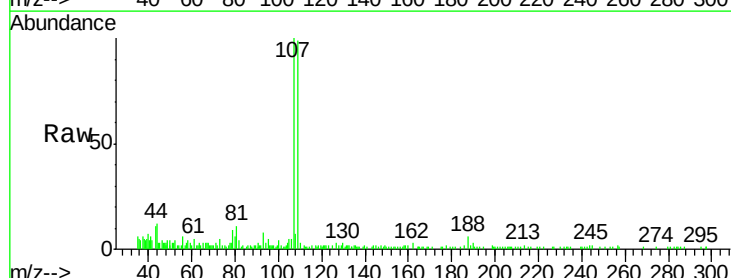
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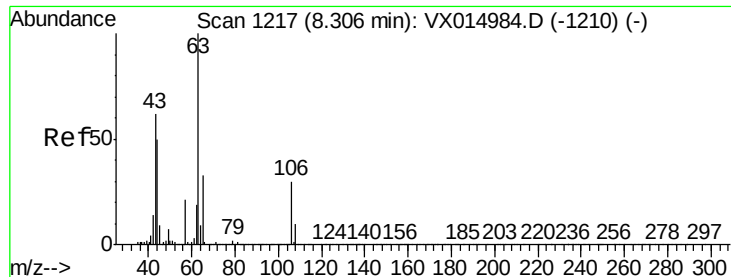
MMDadoda
3/9/2020 9:36:43 AM



#54
1,2-Dibromoethane
Concen: 2.652 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.5	76.3	114.5





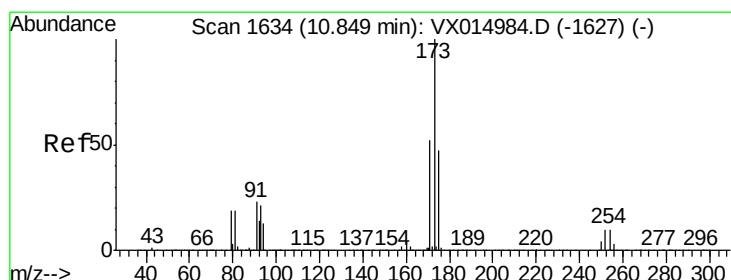
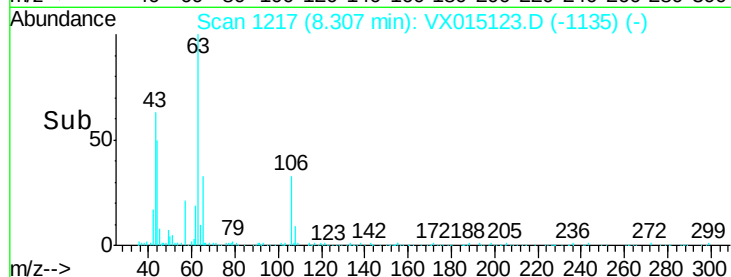
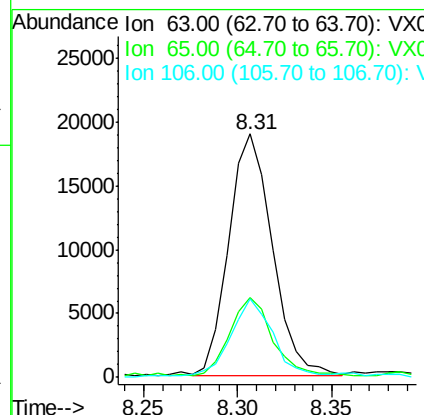
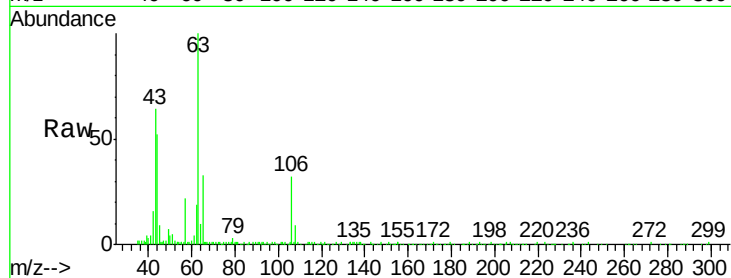
#55
2-Chloroethyl vinyl ether
Concen: 11.037 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	26.0	39.0
106	30.4	23.9	35.9

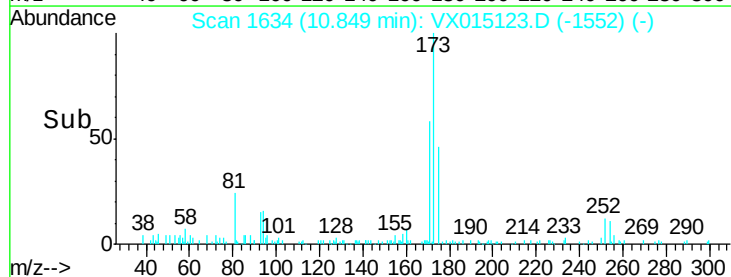
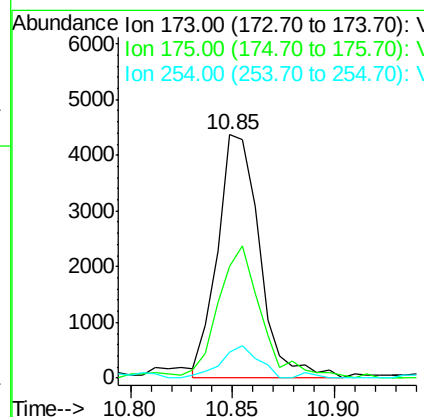
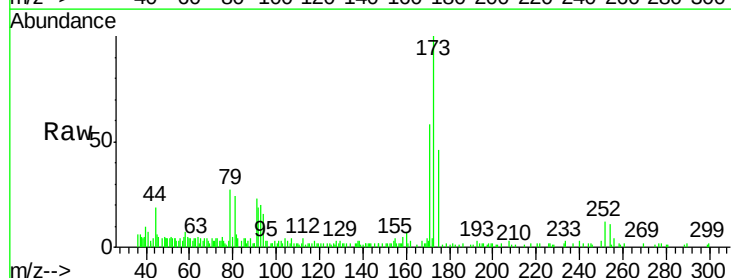
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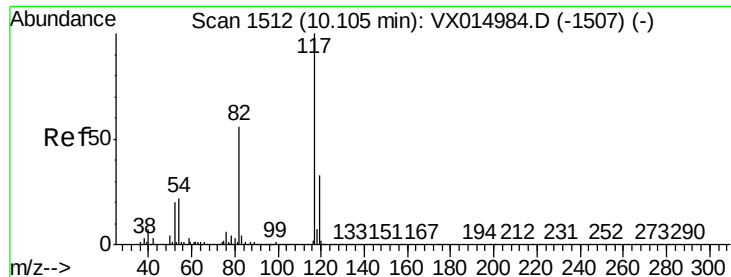
MMDadoda
3/9/2020 9:36:43 AM



#56
Bromoform
Concen: 2.202 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.4	38.6	57.8
254	11.9	8.6	13.0





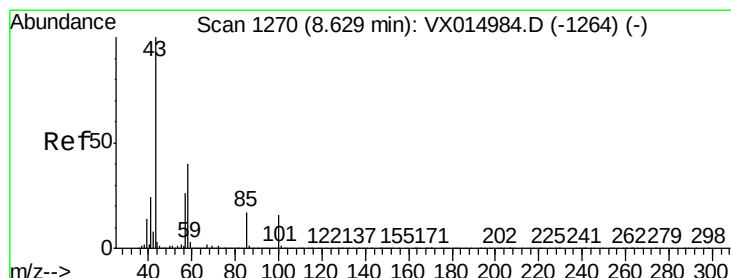
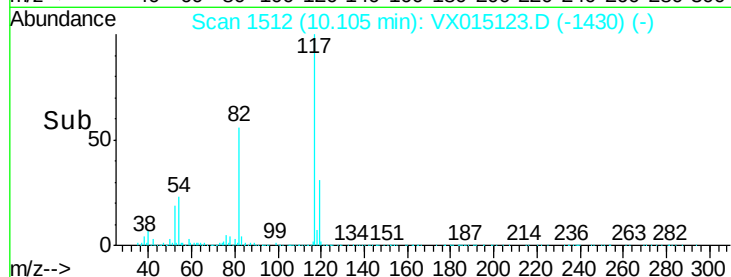
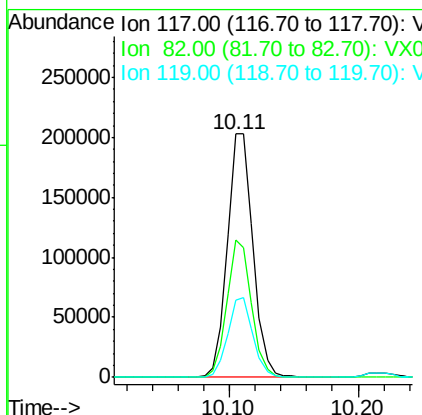
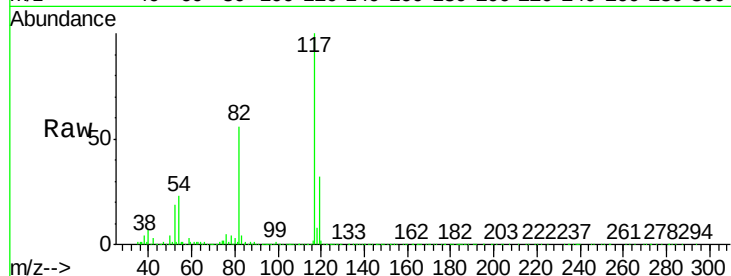
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	284071		
82	54.2	43.4	65.2	
119	32.1	26.0	39.0	

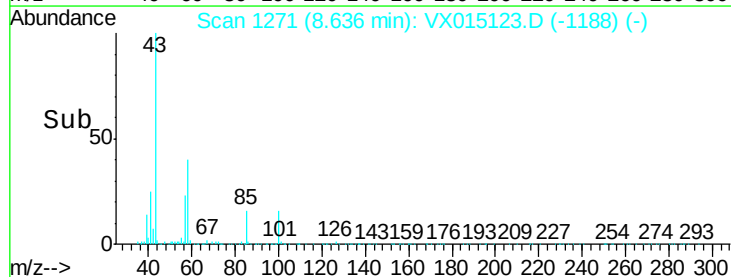
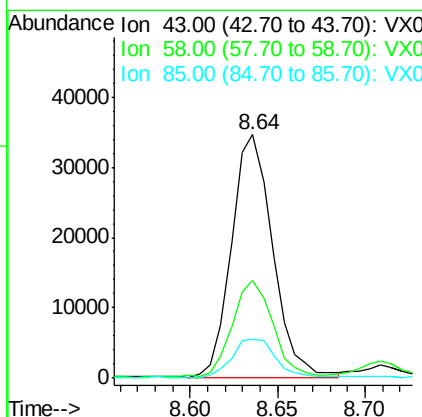
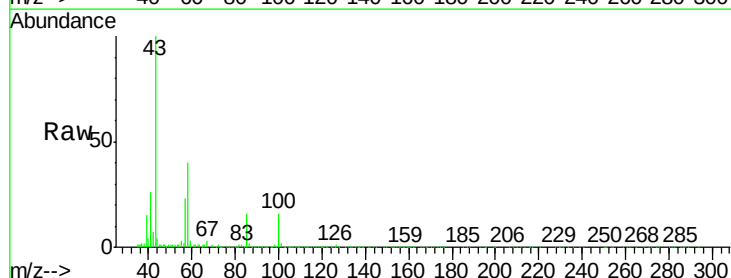
Manual Integrations
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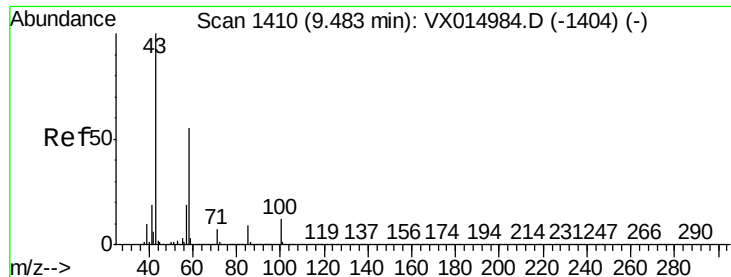
MMDadoda
3/9/2020 9:36:43 AM



#58
4-Methyl-2-Pentanone
Concen: 12.299 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	57257		
58	39.1	31.7	47.5	
85	16.3	14.4	21.6	





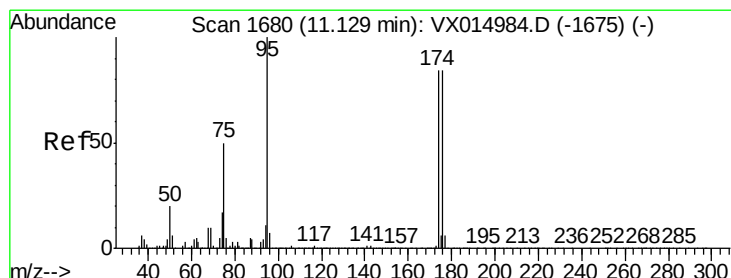
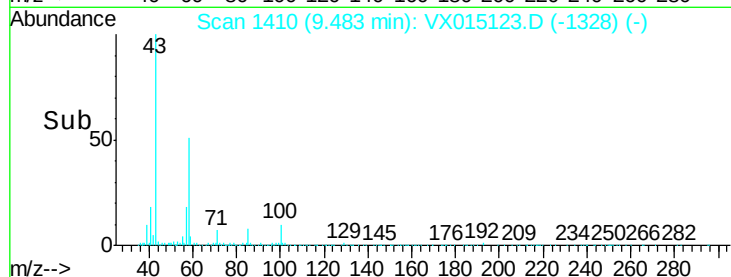
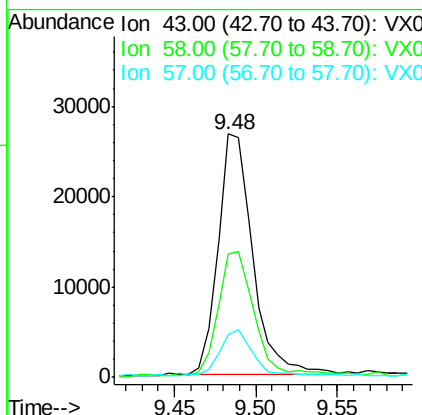
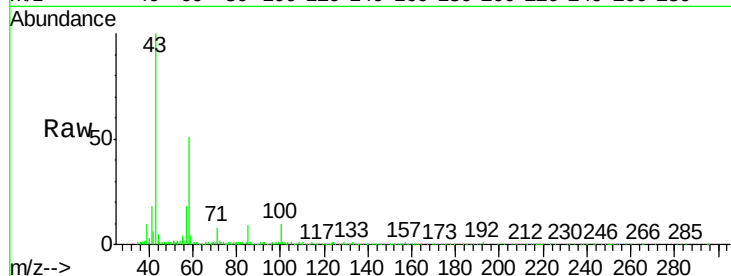
#59
2-Hexanone
Concen: 10.878 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	44.1	66.1
57	19.0	15.3	22.9

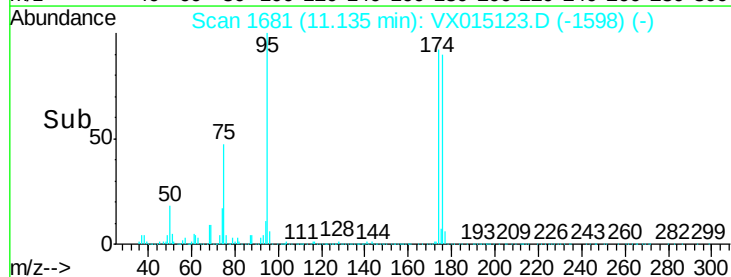
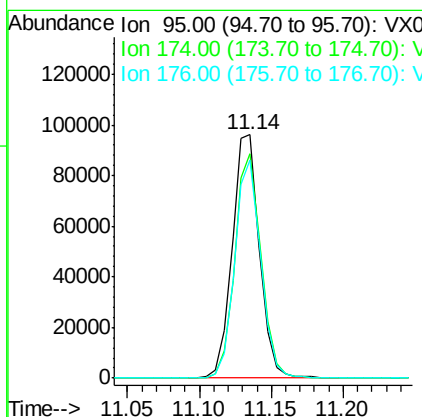
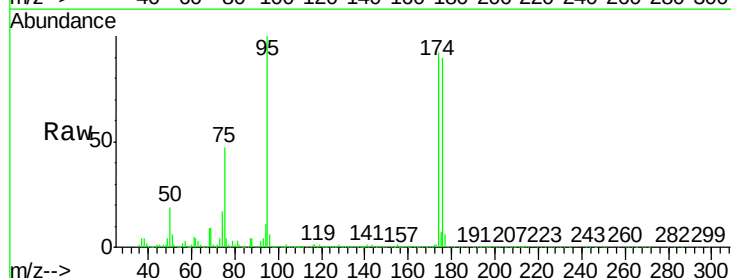
Manual Integrations
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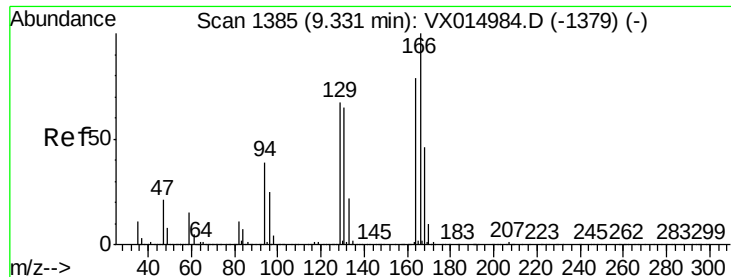
MMDadoda
3/9/2020 9:36:43 AM



#60
4-Bromofluorobenzene
Concen: 28.694 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	72.3	108.5
176	85.6	72.0	108.0





#61

Tetrachloroethene

Concen: 2.651 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

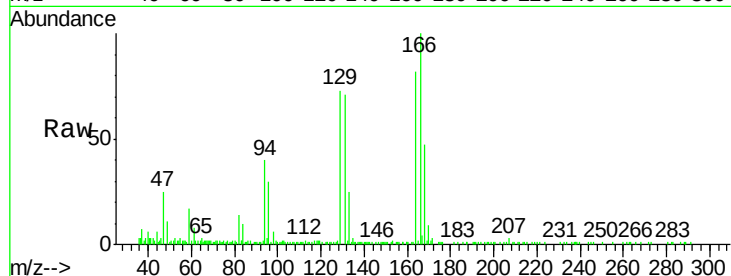
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	164	Resp:	10114
Ion	Ratio	Lower	Upper
164	100		
166	121.5	101.2	151.8
129	87.1	67.6	101.4
131	87.6	66.0	99.0

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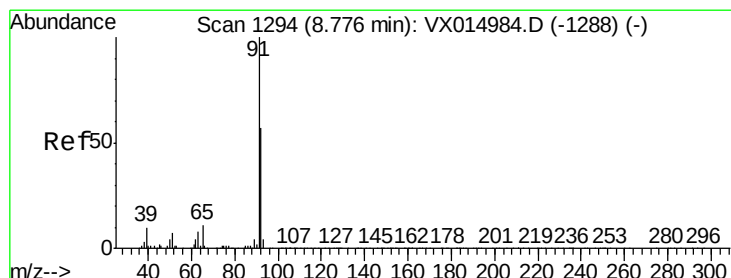
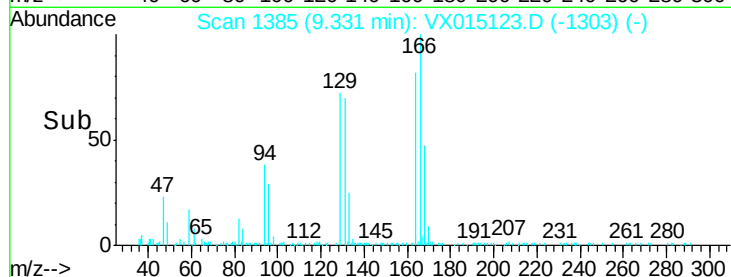
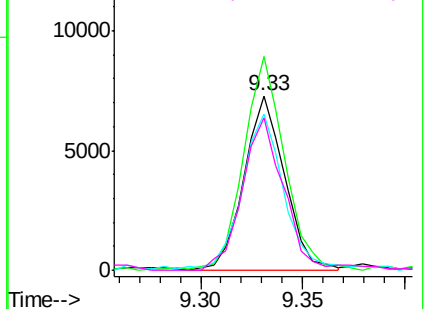


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.647 ug/l

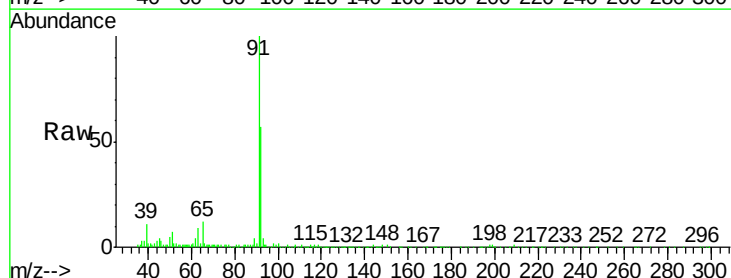
RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015123.D

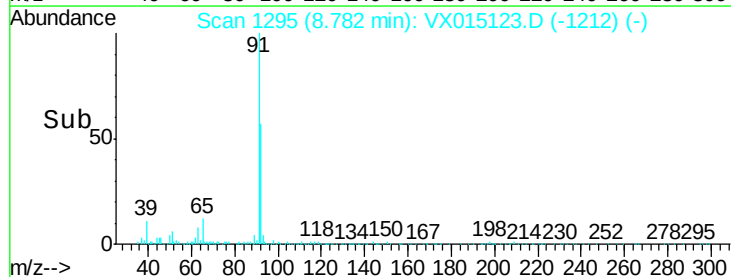
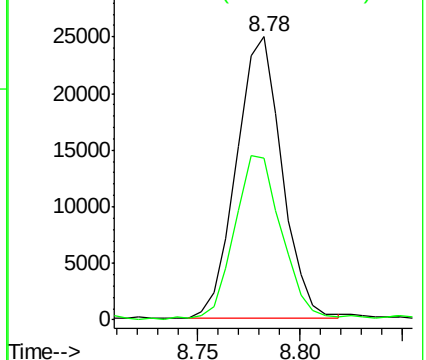
Acq: 06 Mar 2020 13:47

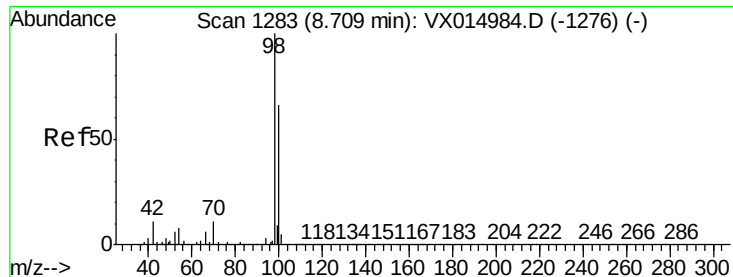
Tgt Ion:	91	Resp:	38512
Ion	Ratio	Lower	Upper
91	100		
92	60.2	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





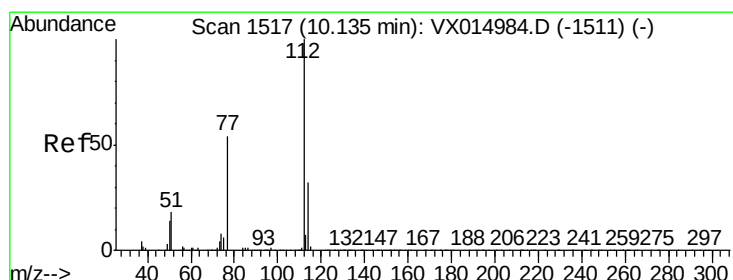
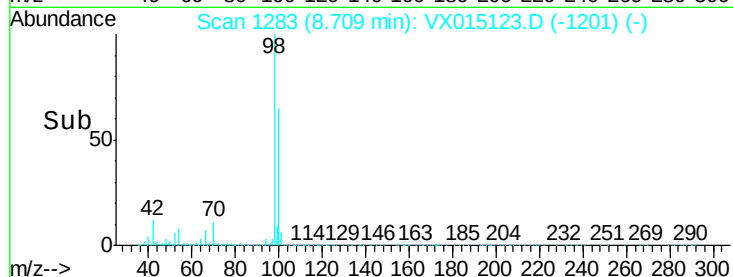
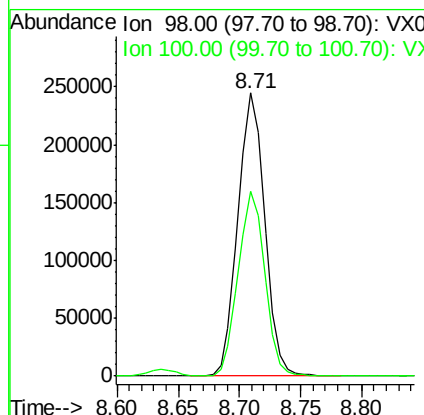
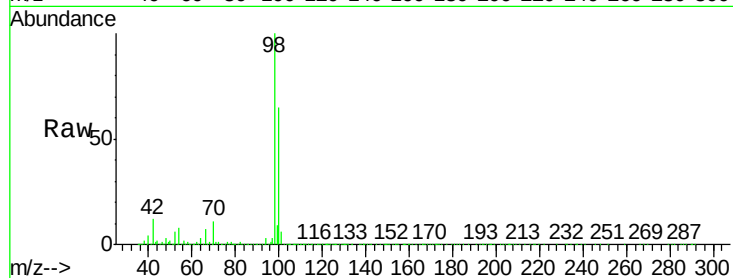
#63
Toluene-d8
Concen: 30.040 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion: 98 Resp: 372133
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

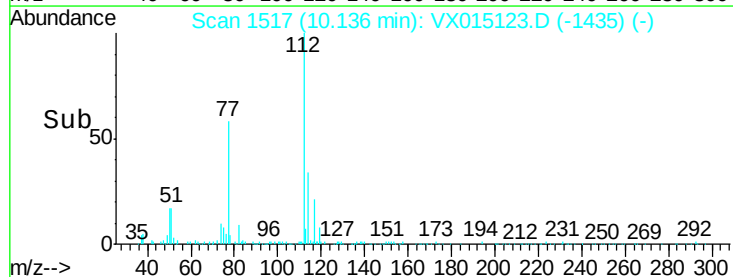
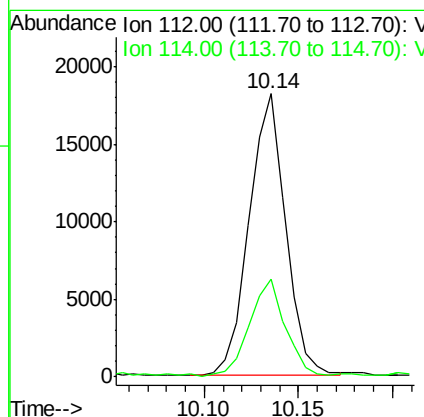
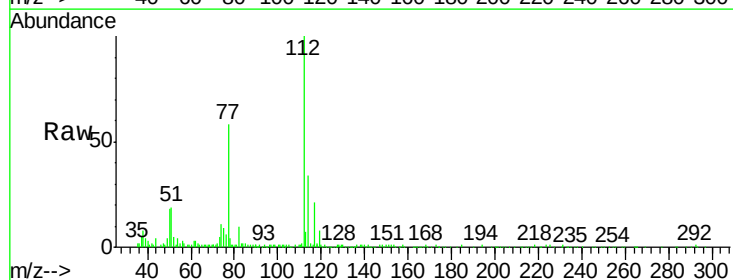
Manual Integrations
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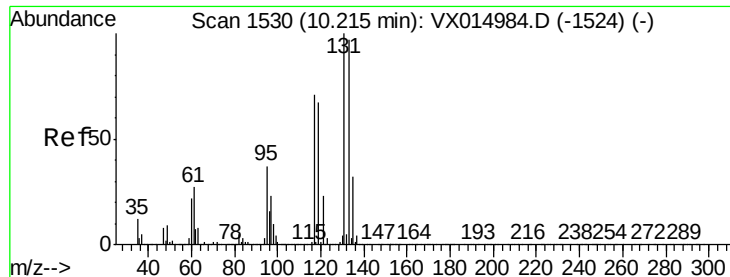
MMDadoda
3/9/2020 9:36:43 AM



#64
Chlorobenzene
Concen: 2.626 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion: 112 Resp: 24388
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 2.493 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

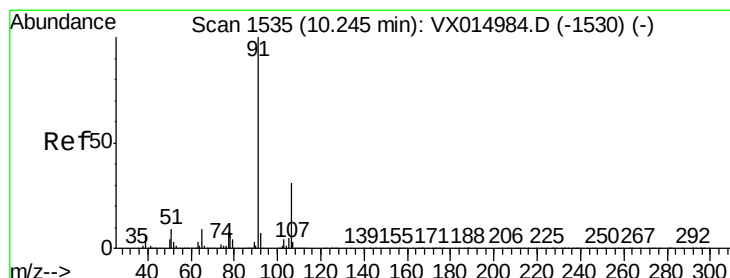
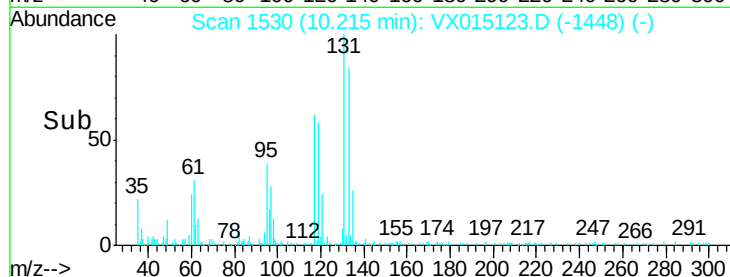
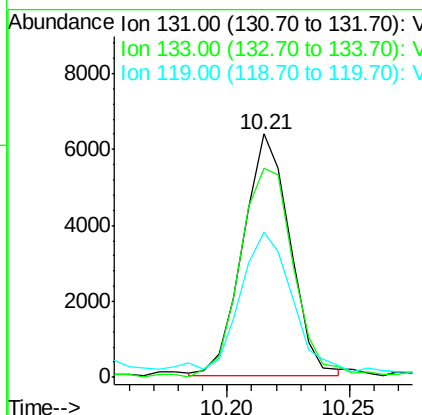
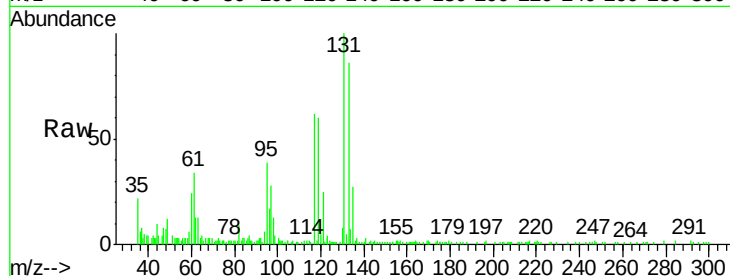
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	131	Resp:	8575
Ion	Ratio	Lower	Upper
131	100		
133	98.6	0.0	191.4
119	65.6	0.0	132.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 2.517 ug/l

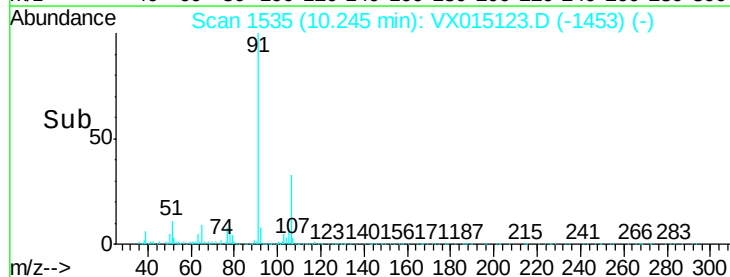
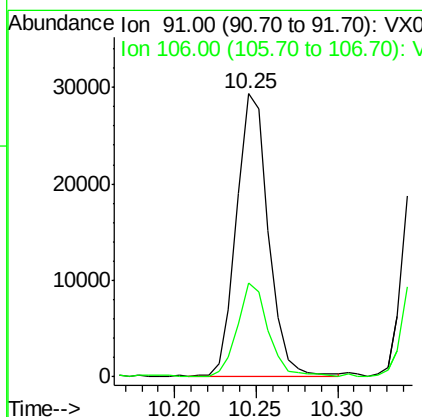
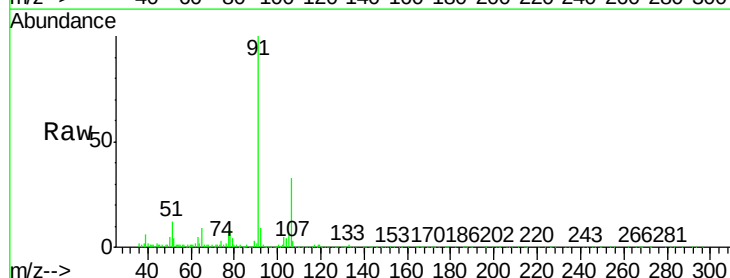
RT: 10.25 min Scan# 1535

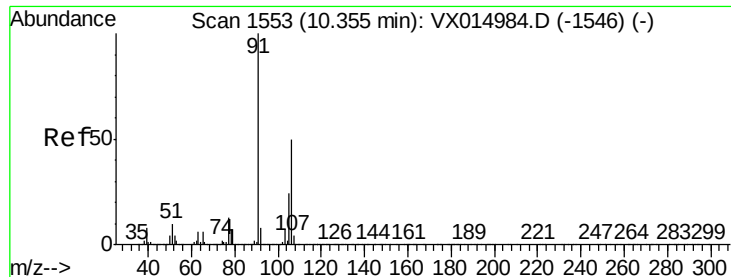
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	91	Resp:	40340
Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.7	37.1





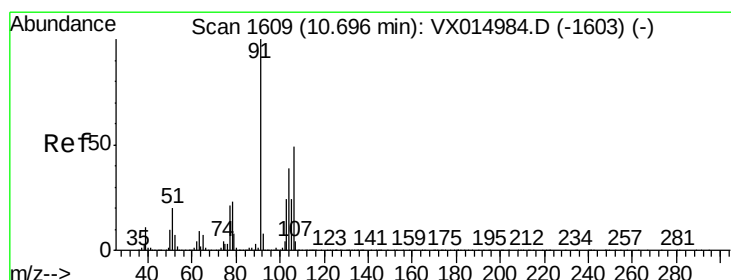
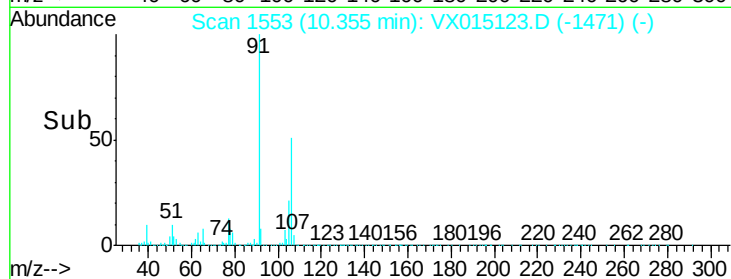
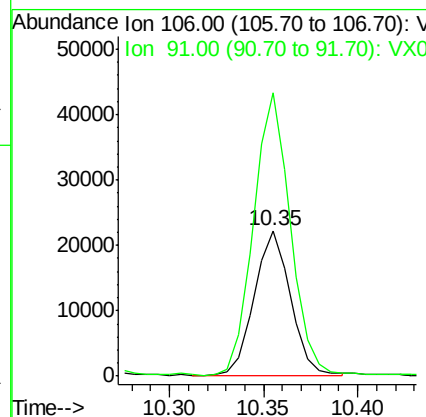
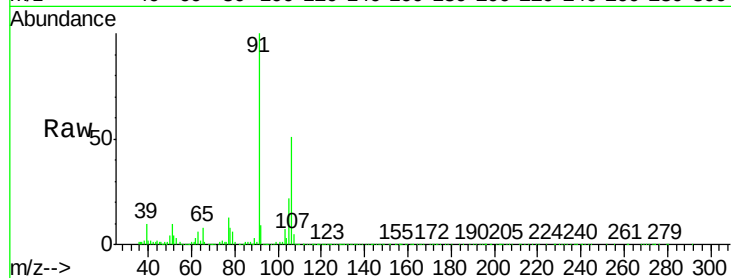
#67
m/p-Xylenes
Concen: 4.788 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.1	160.4	240.6

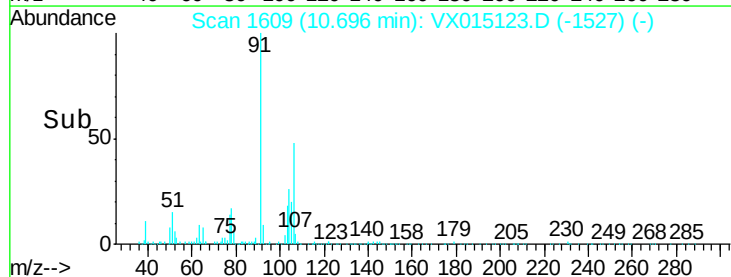
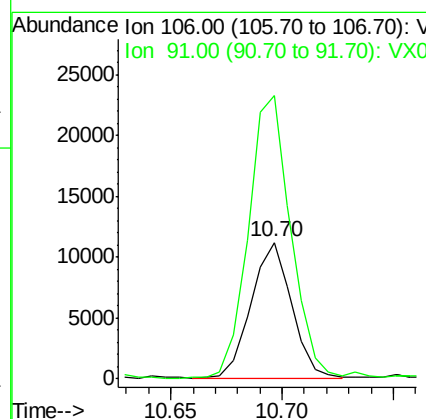
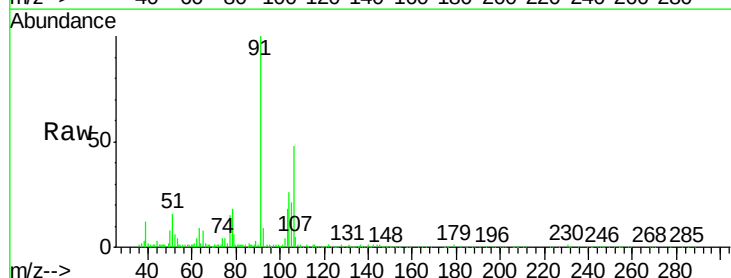
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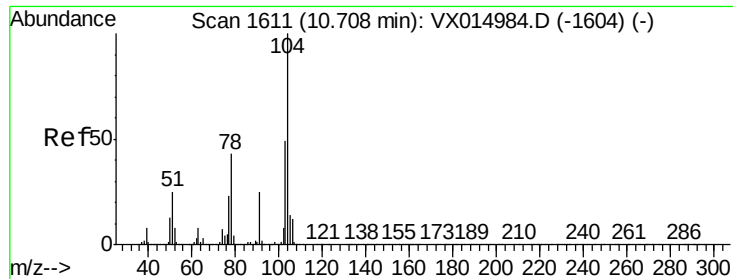
MMDadoda
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#68
o-Xylene
Concen: 2.380 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.7	105.3	315.9





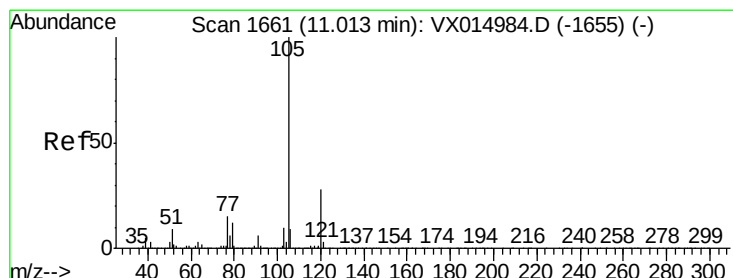
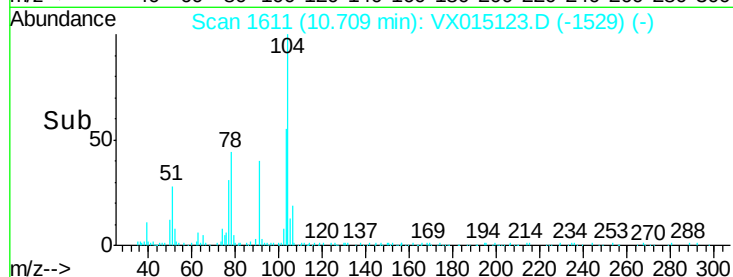
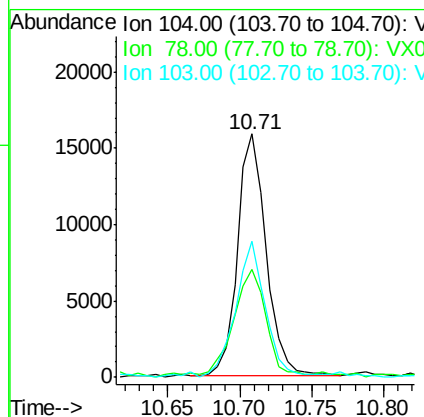
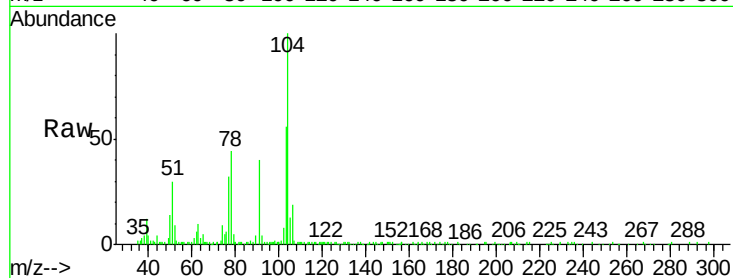
#69
Stvrene
Concen: 2.171 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.4	59.2
103	56.7	42.9	64.3

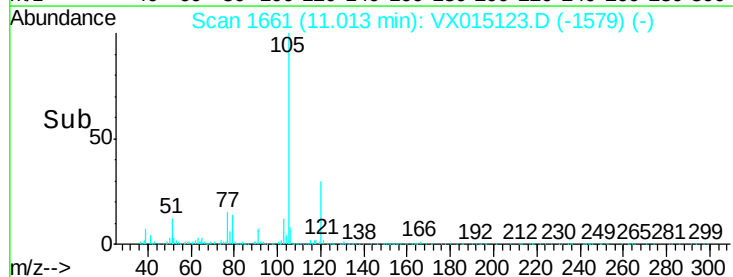
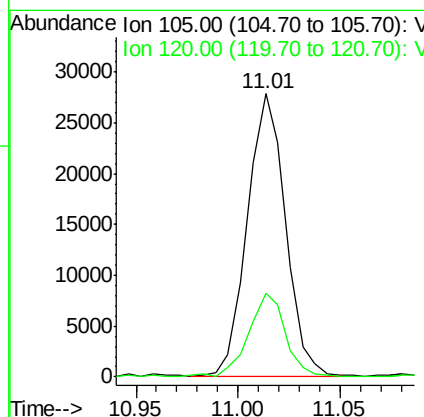
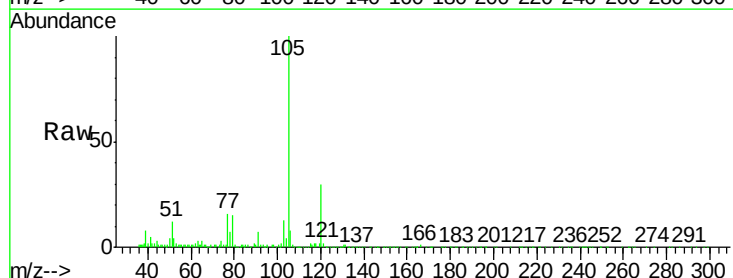
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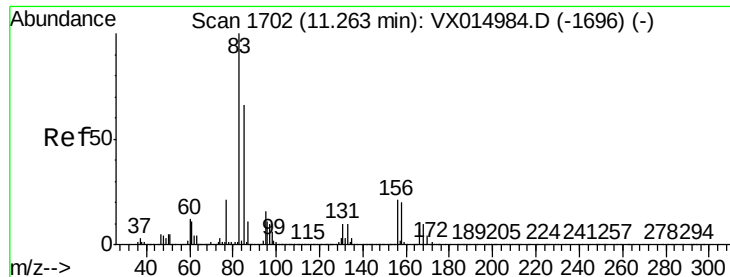
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3/9/2020 9:36:43 AM



#70
Isopropylbenzene
Concen: 2.276 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.8	35.0





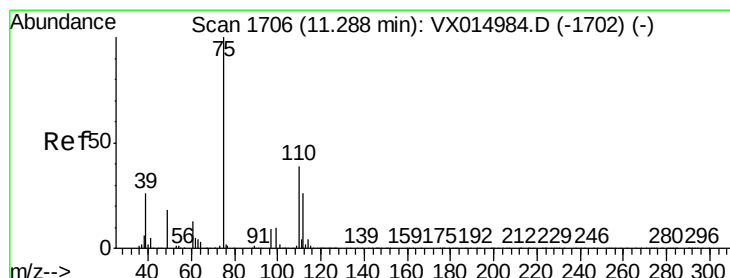
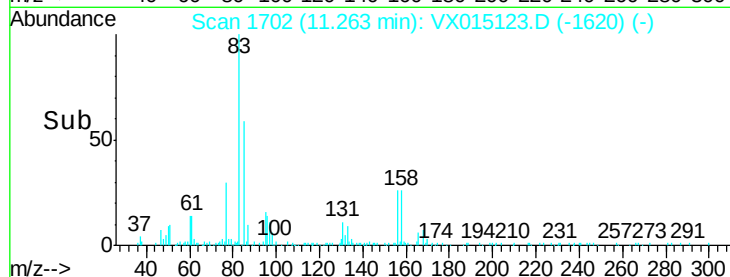
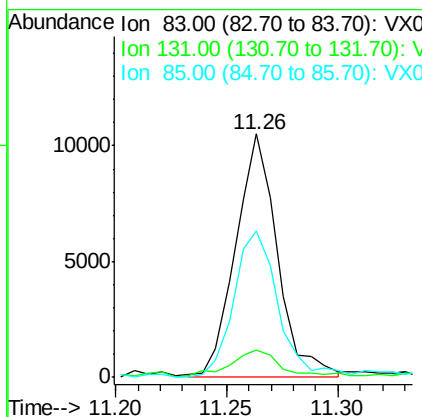
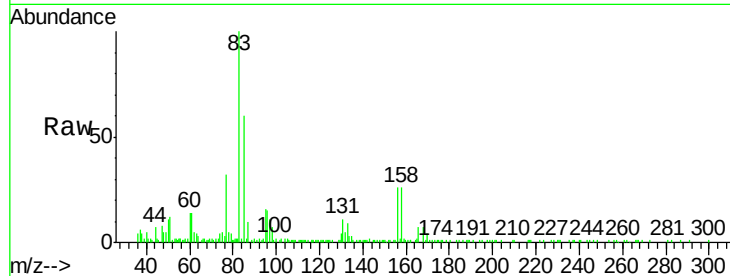
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.665 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	14.3	5.1	15.4	
85	62.5	32.2	96.6	

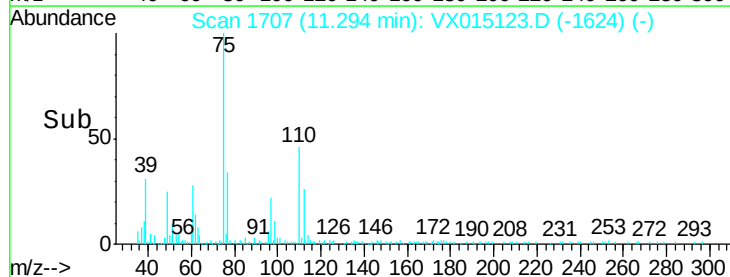
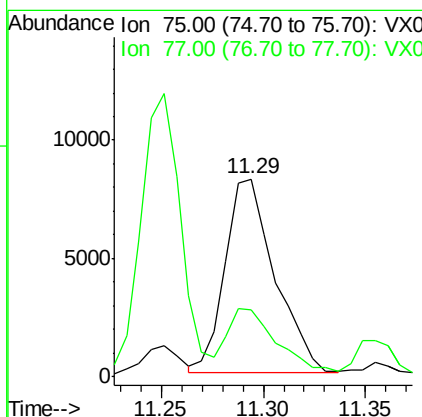
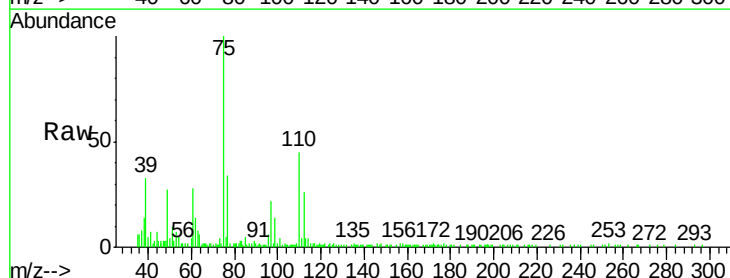
Manual Integrations
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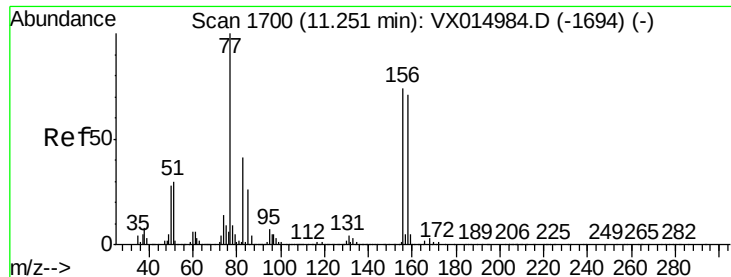
MMDadoda
 3/9/2020 9:36:43 AM



#72
 1,2,3-Trichloropropane
 Concen: 3.289 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	34.1	0.0	75.4	





#73

Bromobenzene

Concen: 2.590 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

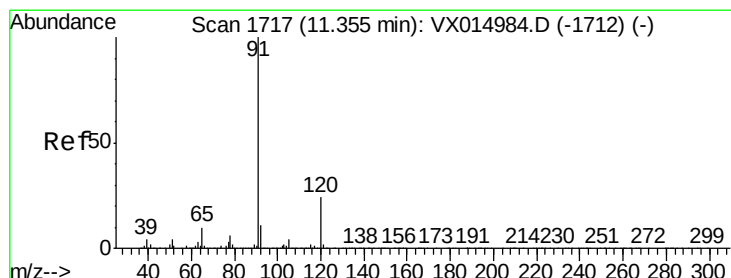
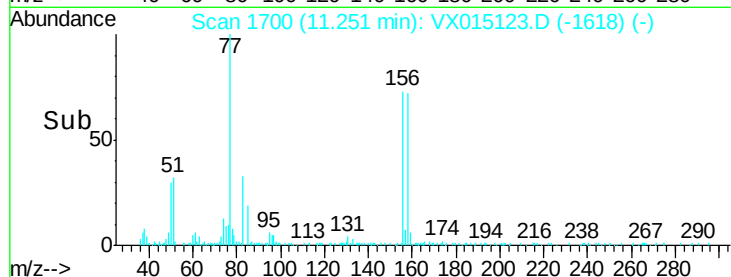
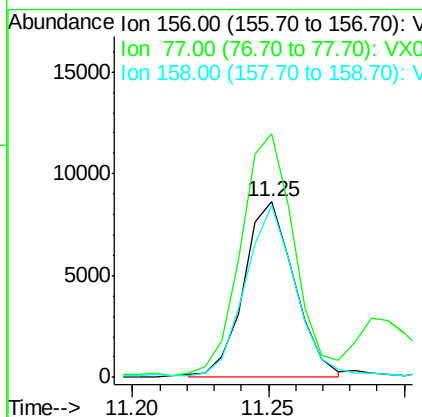
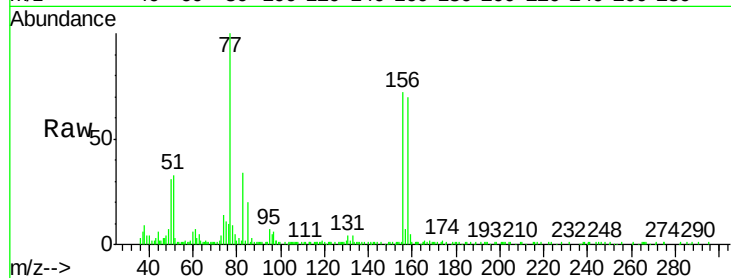
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	156	Resp:	11117
Ion Ratio	Lower	Upper	
156	100		
77	144.6	0.0	286.8
158	98.8	0.0	191.8

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#74

n-propylbenzene

Concen: 2.295 ug/l

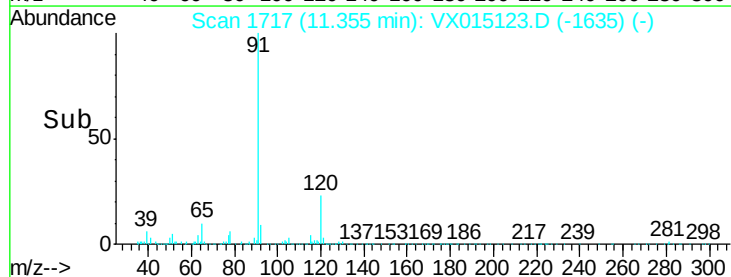
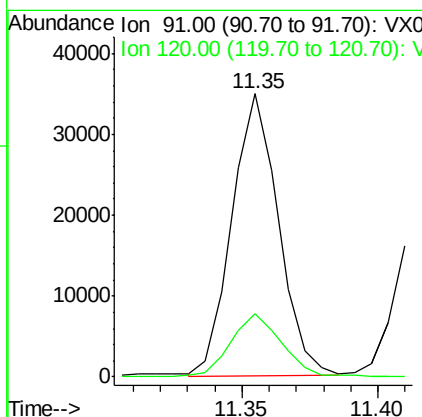
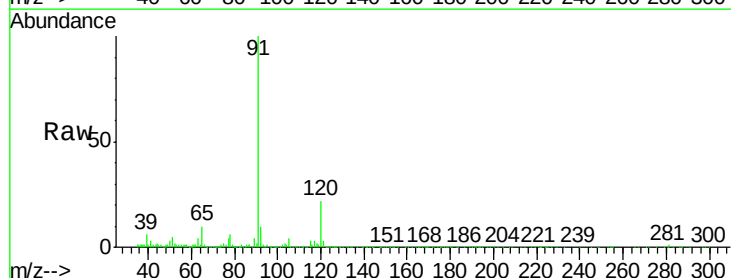
RT: 11.35 min Scan# 1717

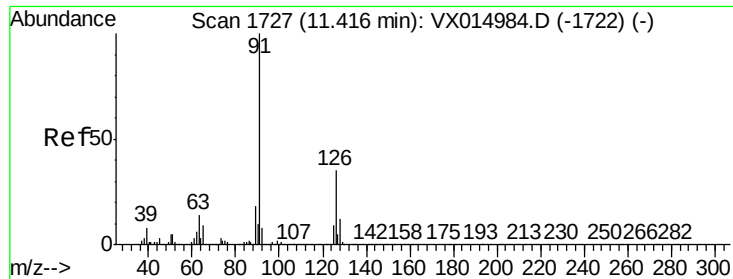
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	91	Resp:	41498
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	47.0





#75

2-Chlorotoluene

Concen: 2.478 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 26474

Ion Ratio Lower Upper

91 100

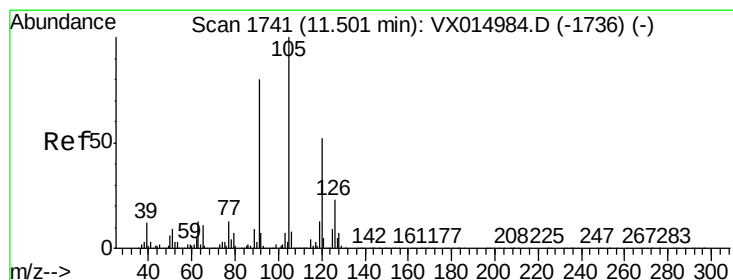
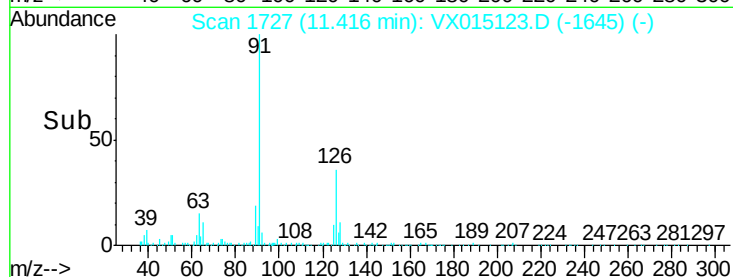
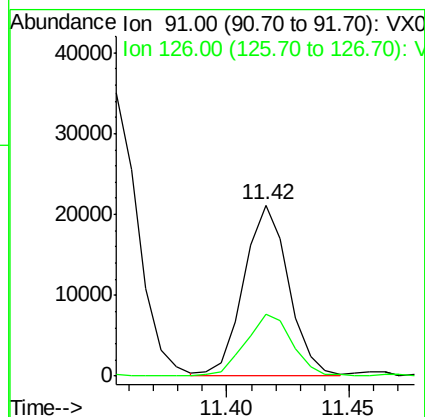
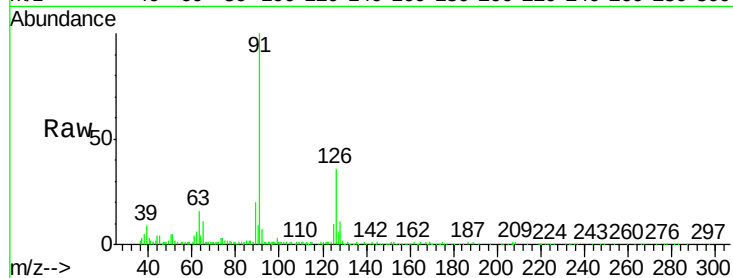
126 38.1 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 2.247 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015123.D

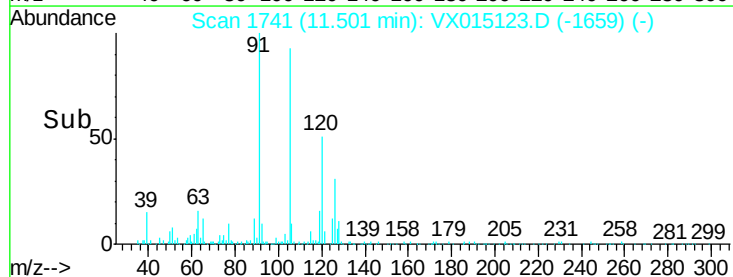
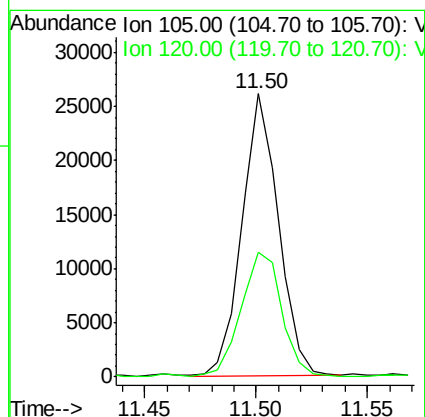
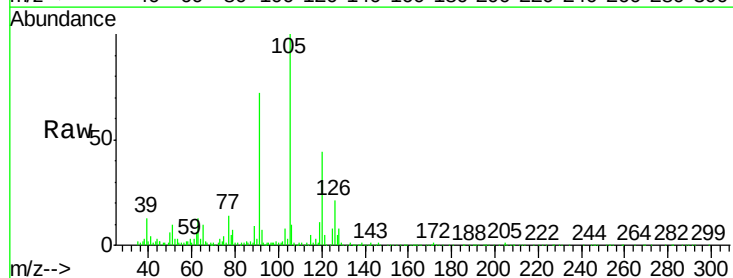
Acq: 06 Mar 2020 13:47

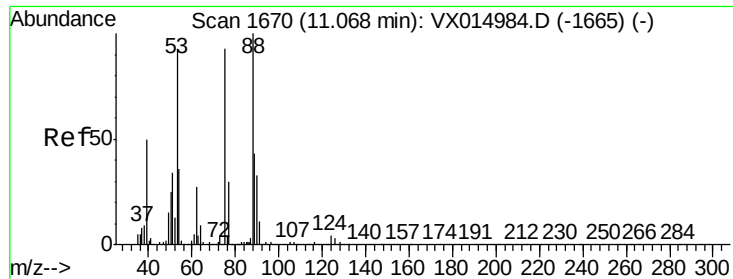
Tgt Ion: 105 Resp: 29909

Ion Ratio Lower Upper

105 100

120 49.1 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 1.820 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Instrument :

MSVOA_X

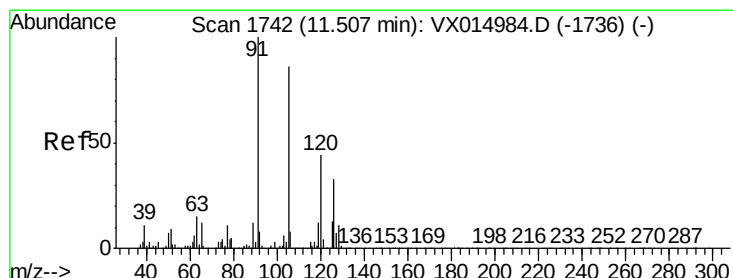
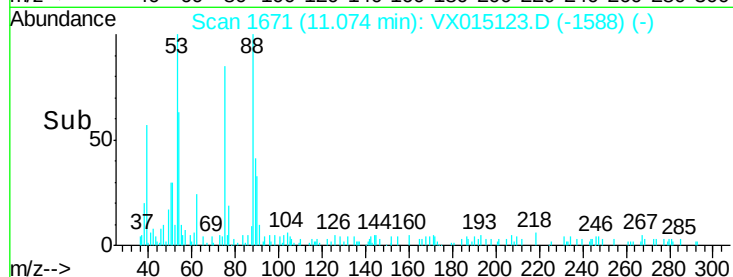
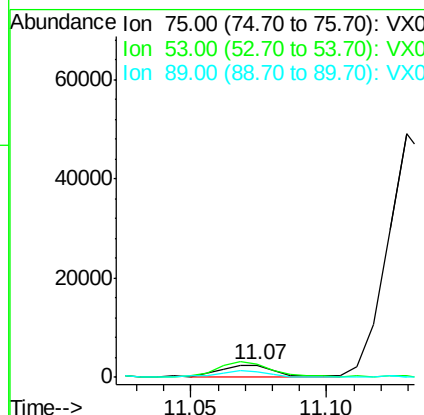
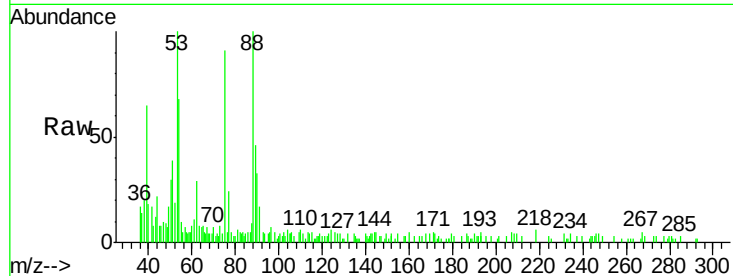
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	75	Resp:	3114
Ion	Ratio	Lower	Upper
75	100		
53	109.3	50.0	149.8
89	47.5	23.5	70.5

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#78

4-Chlorotoluene

Concen: 2.414 ug/l

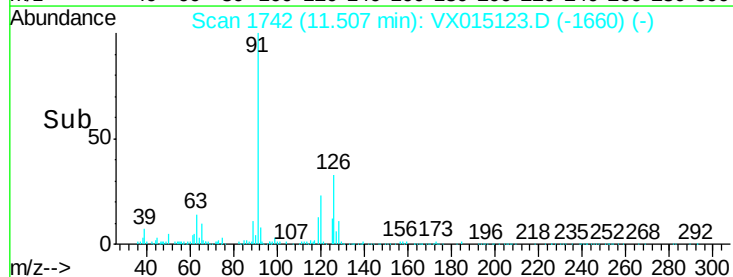
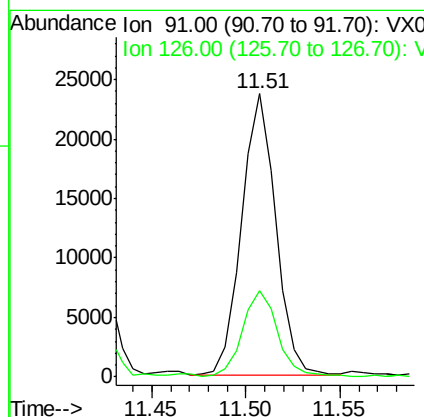
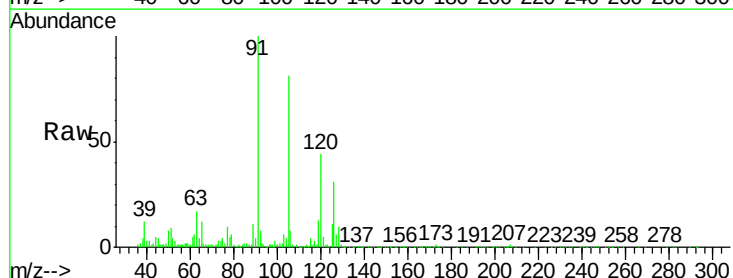
RT: 11.51 min Scan# 1742

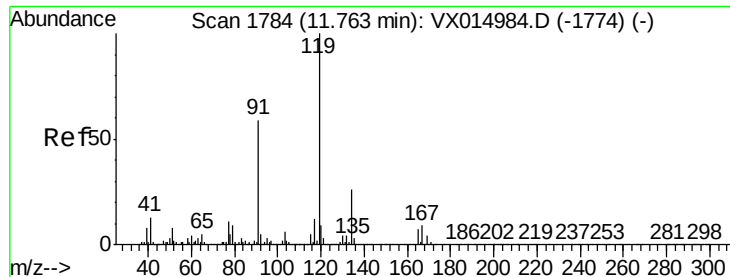
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion:	91	Resp:	29831
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	62.0





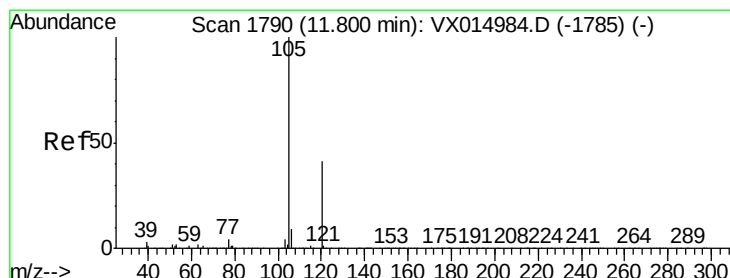
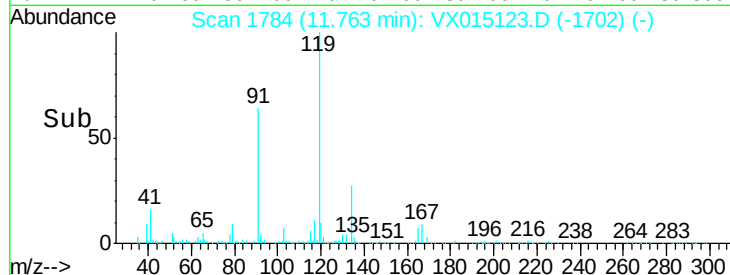
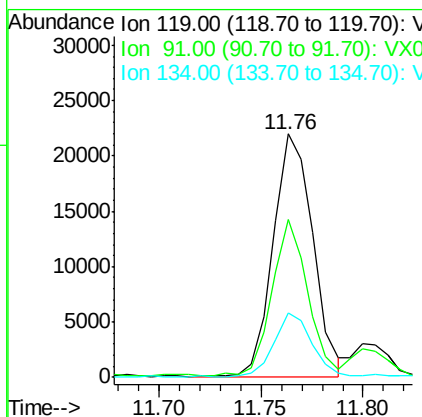
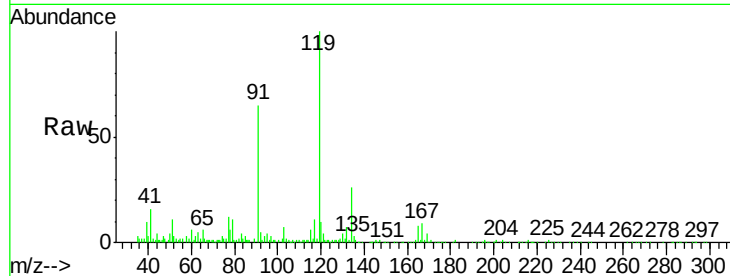
#79
tert-butylbenzene
Concen: 2.308 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	29691		
91	57.3		0.0	114.4
134	26.0		0.0	48.8

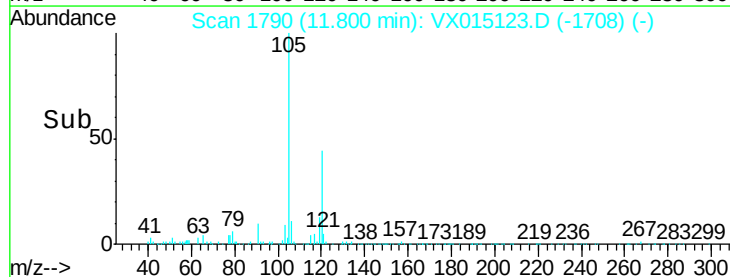
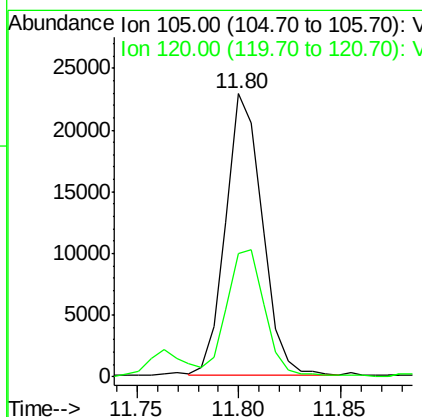
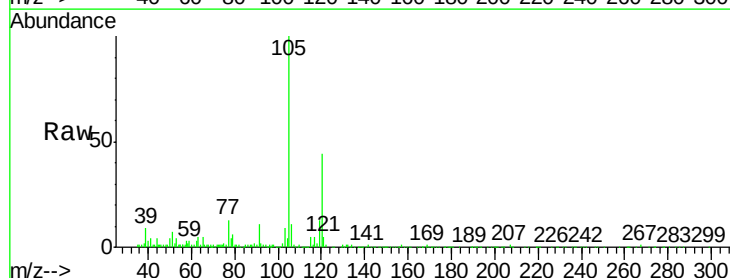
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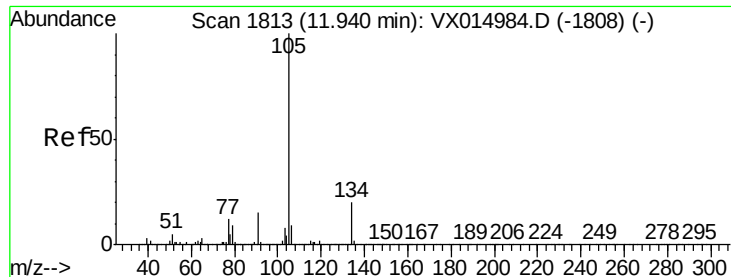
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#80
1,2,4-Trimethylbenzene
Concen: 2.148 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28430		
120	46.5		0.0	93.4





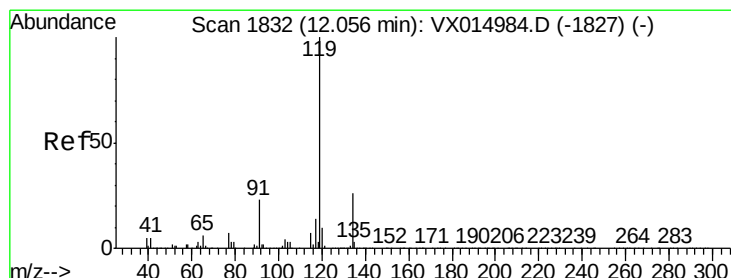
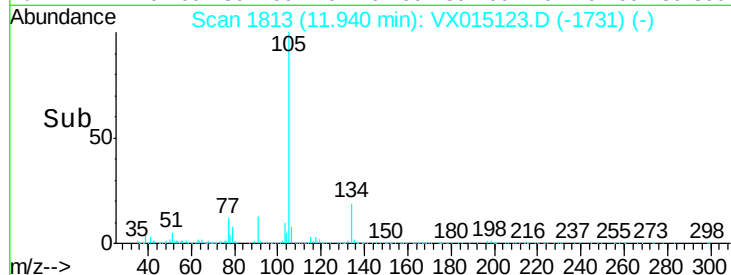
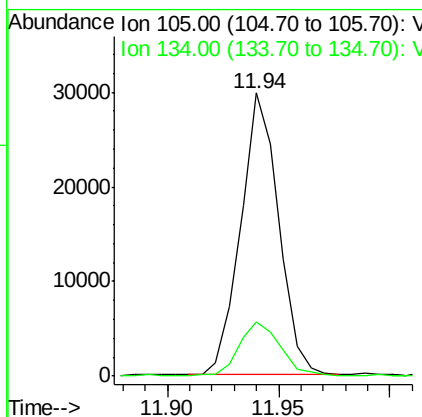
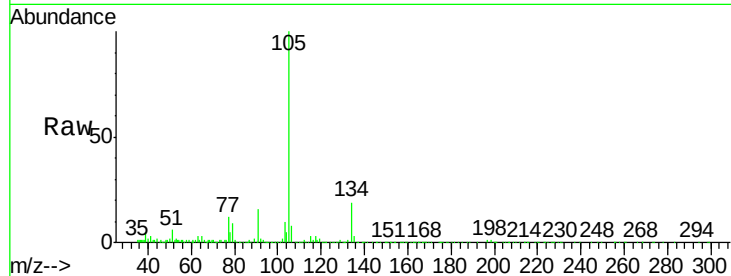
#81
 sec-Butylbenzene
 Concen: 2.302 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Resp	Lower	Upper
105	100	35454		
134	21.3	0.0	40.8	

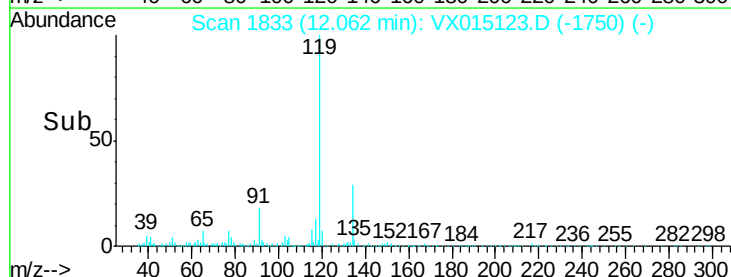
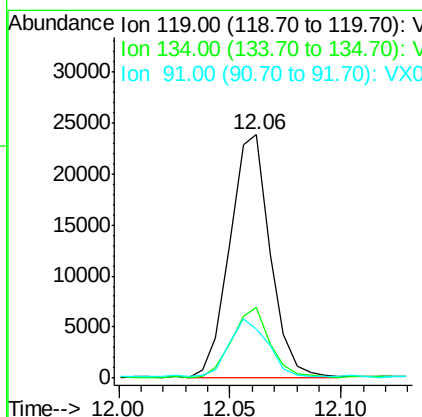
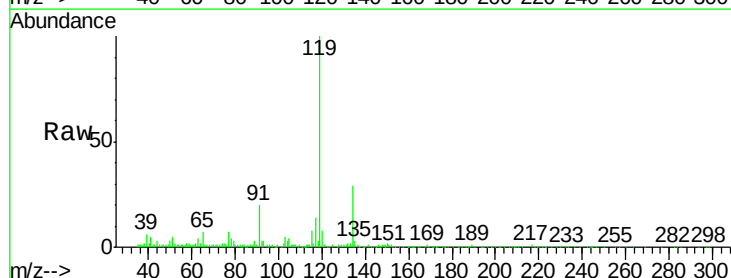
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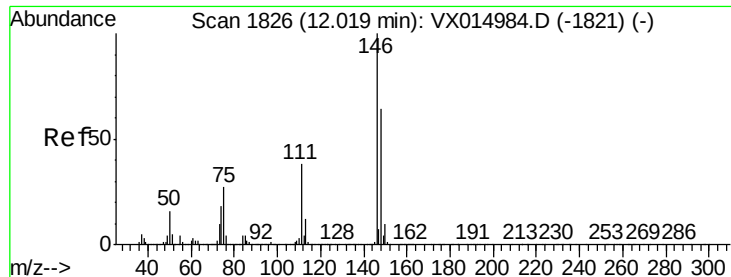
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#82
 p-Isopropyltoluene
 Concen: 2.096 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015123.D
 Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	29993		
134	28.2	0.0	53.2	
91	22.8	0.0	44.6	





#83

1,3-Dichlorobenzene

Concen: 2.519 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

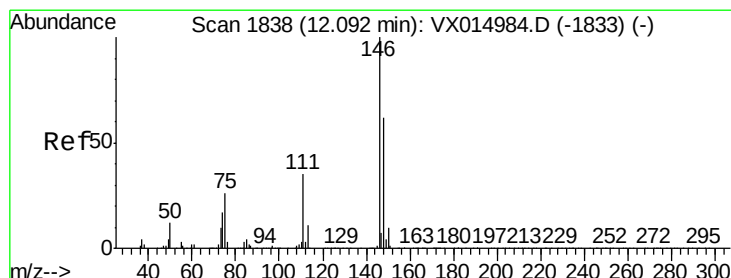
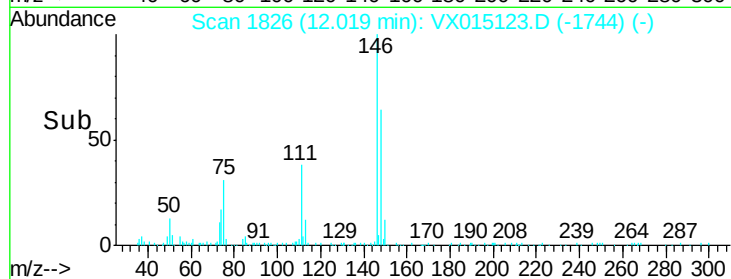
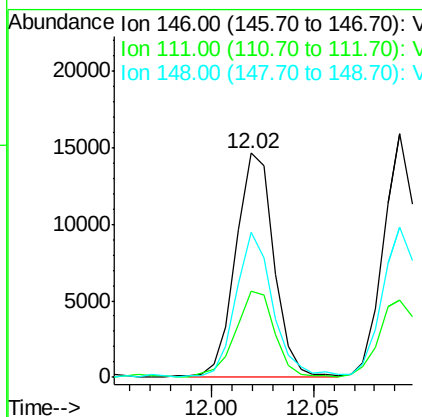
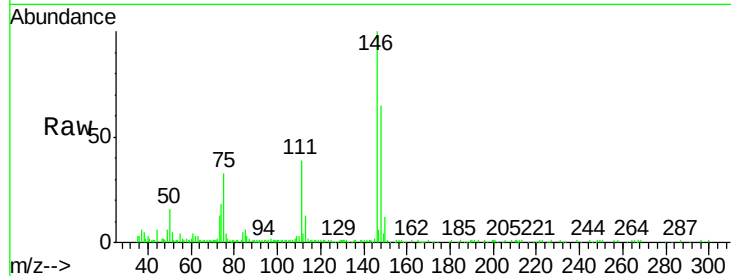
Instrument :
MSVOA_X

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	62.4	32.3	96.9

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#84

1,4-Dichlorobenzene

Concen: 2.557 ug/l

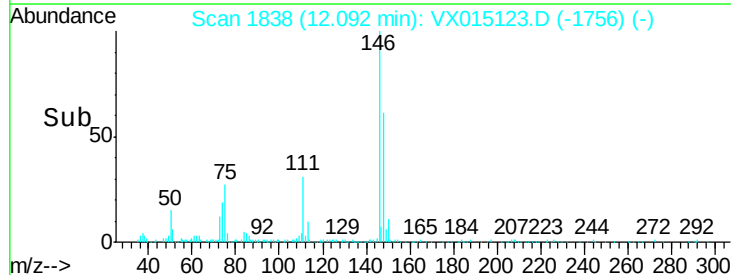
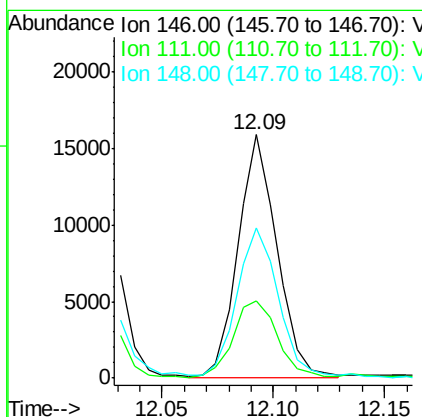
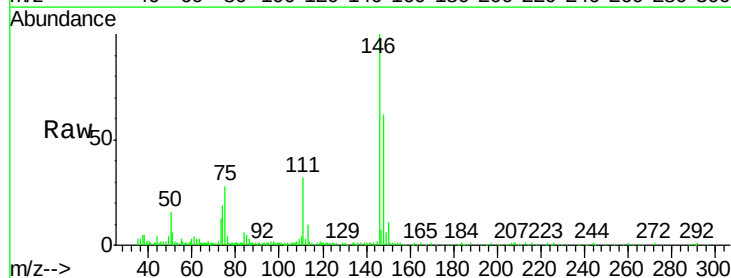
RT: 12.09 min Scan# 1838

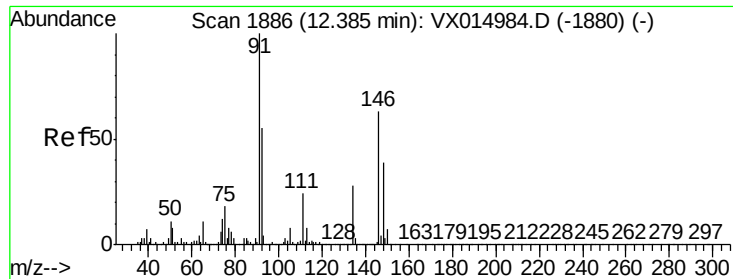
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.5
148	65.7	31.4	94.2





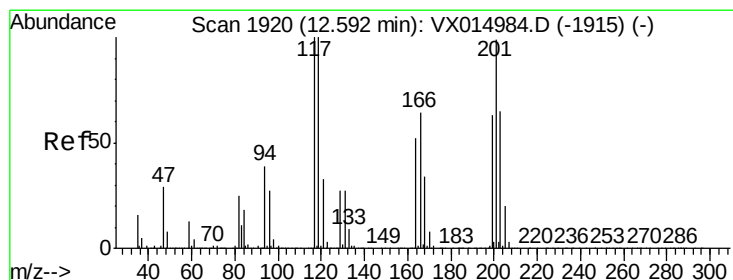
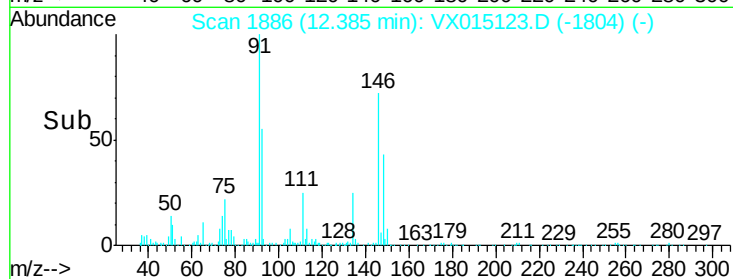
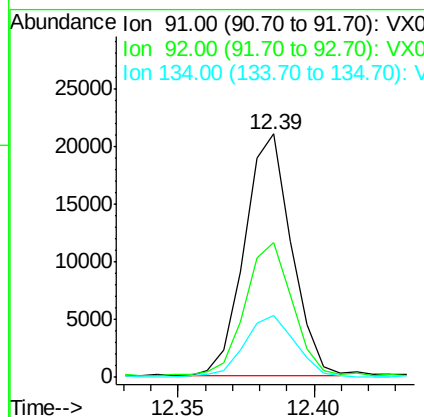
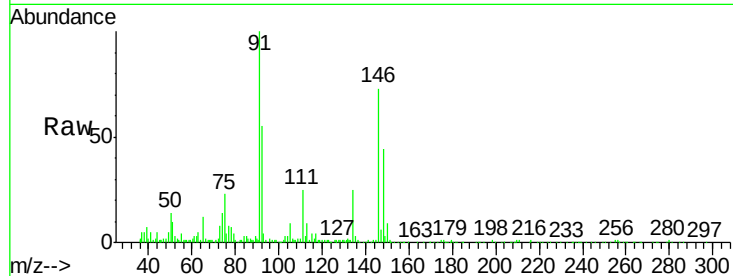
#85
n-Butylbenzene
Concen: 2.009 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion:	91	Resp:	25021
Ion Ratio	Lower	Upper	
91	100		
92	57.2	0.0	109.8
134	28.0	0.0	54.8

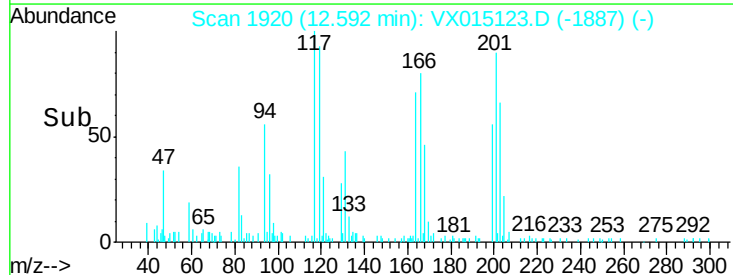
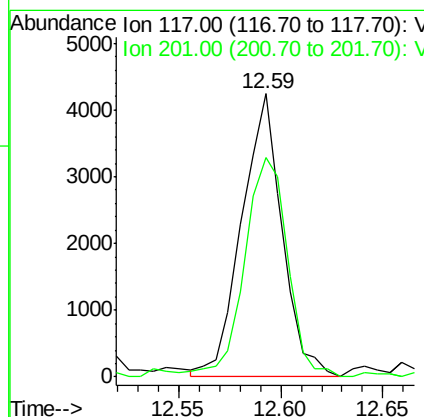
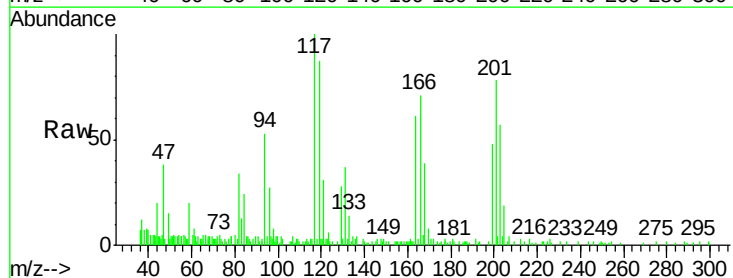
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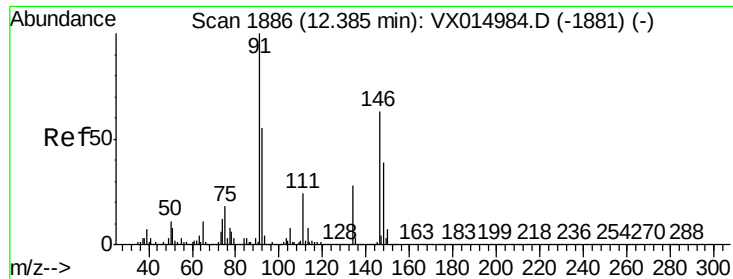
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#86
Hexachloroethane
Concen: 2.266 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion:	117	Resp:	5860
Ion Ratio	Lower	Upper	
117	100		
201	82.1	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 2.595 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

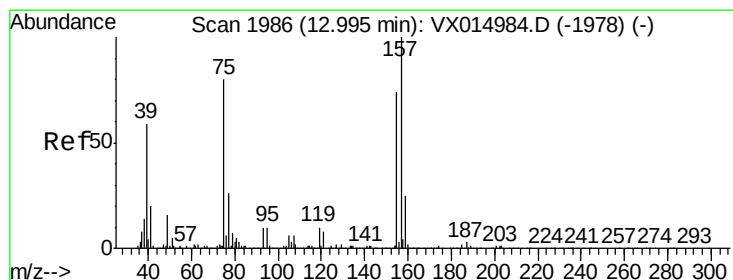
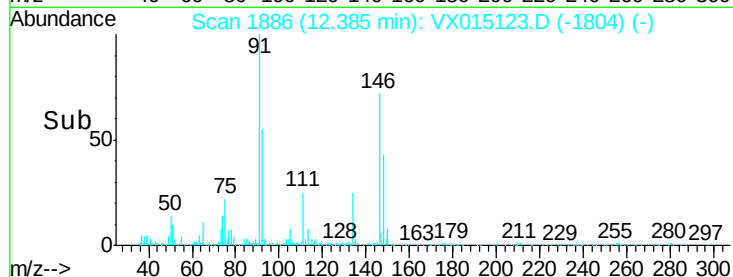
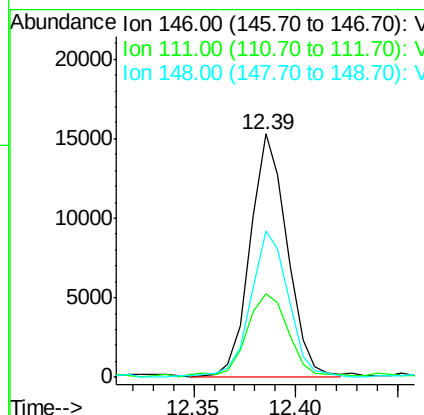
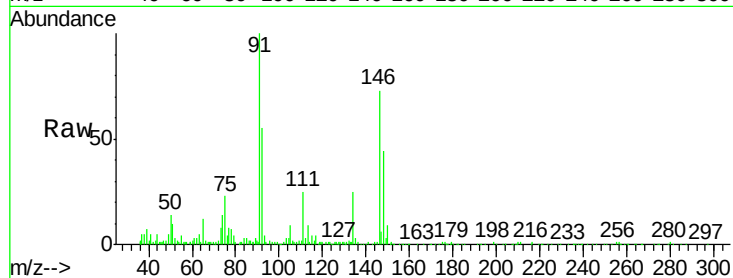
Instrument :
MSVOA_X

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.7	59.1
148	61.7	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 2.185 ug/l

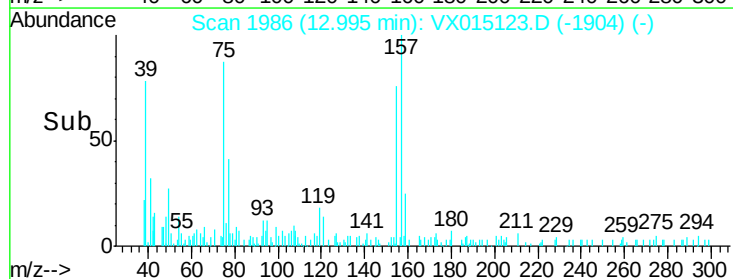
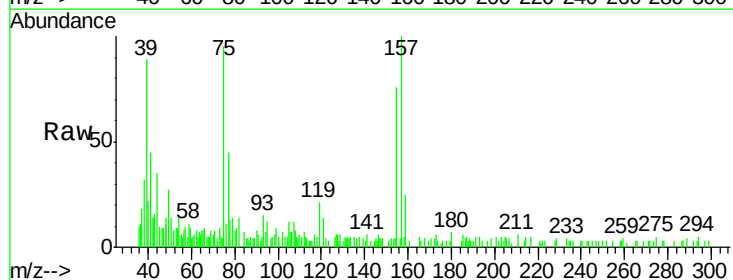
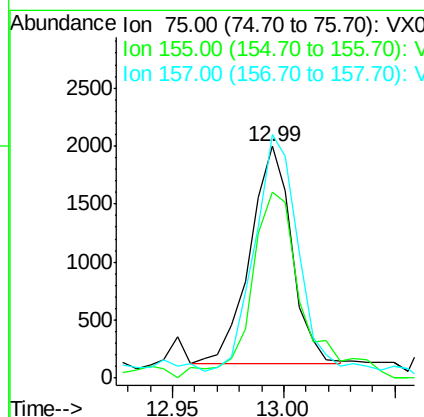
RT: 12.99 min Scan# 1886

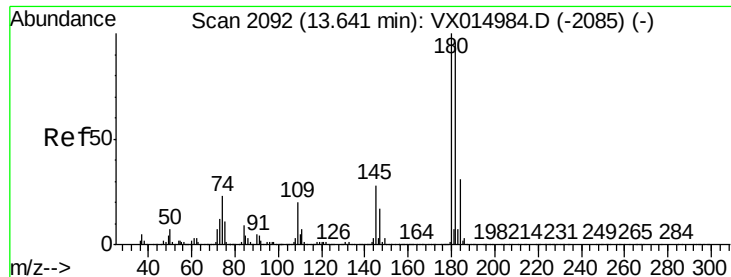
Delta R.T. 0.00 min

Lab File: VX015123.D

Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	74.5	111.7
157	121.0	96.2	144.4





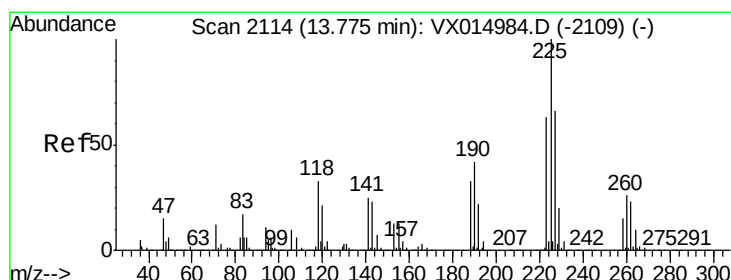
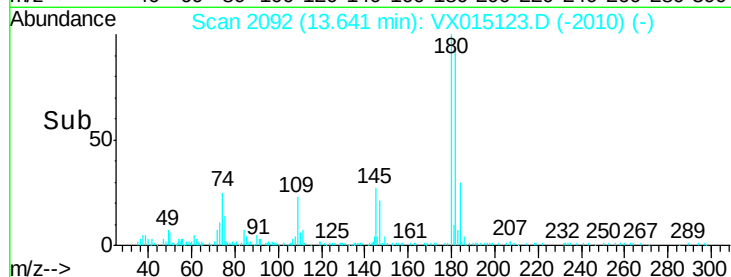
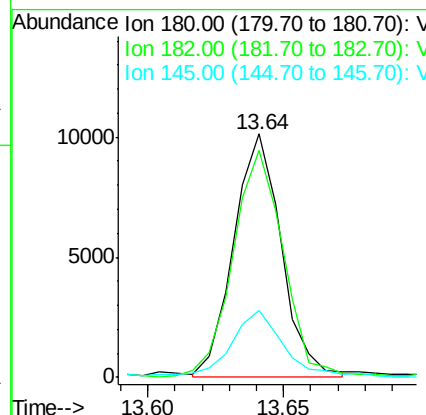
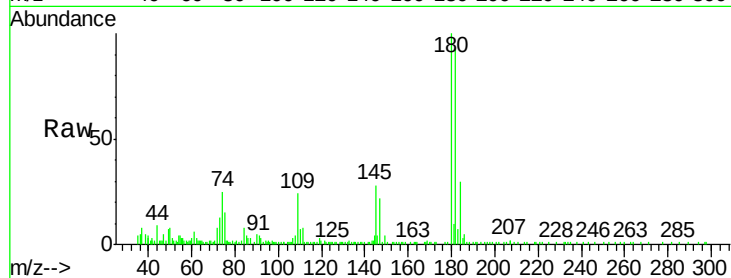
#89
1,2,4-Trichlorobenzene
Concen: 2.288 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion:	180	Resp:	12321
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.4	114.6
145	30.9	21.8	32.6

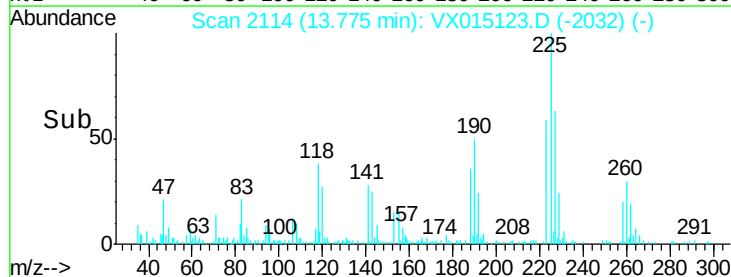
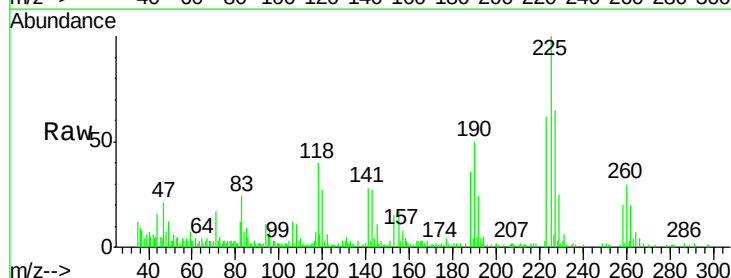
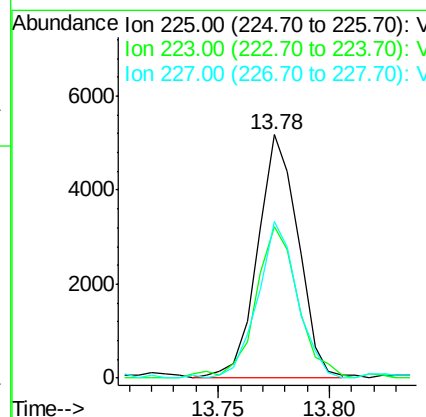
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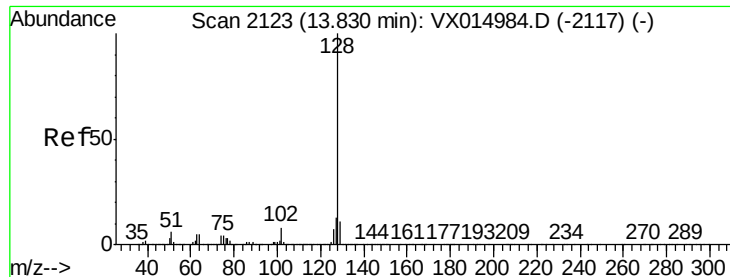
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#90
Hexachlorobutadiene
Concen: 2.461 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion:	225	Resp:	6581
Ion Ratio	Lower	Upper	
225	100		
223	63.6	0.0	132.0
227	62.5	0.0	131.0





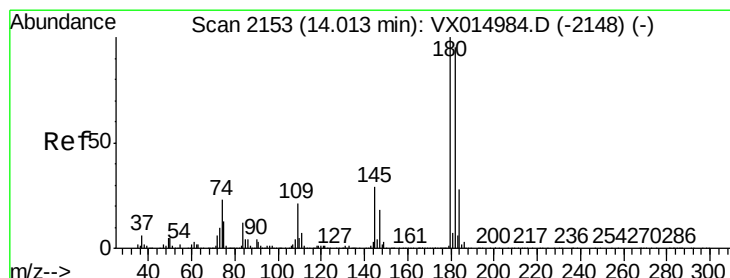
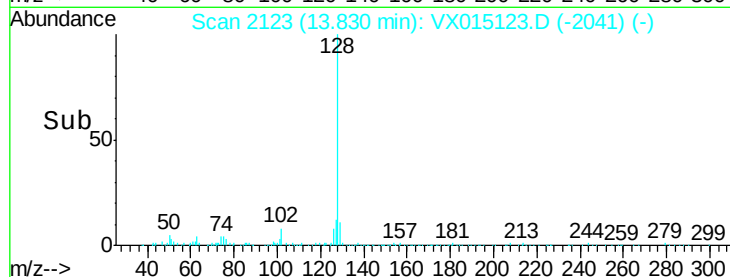
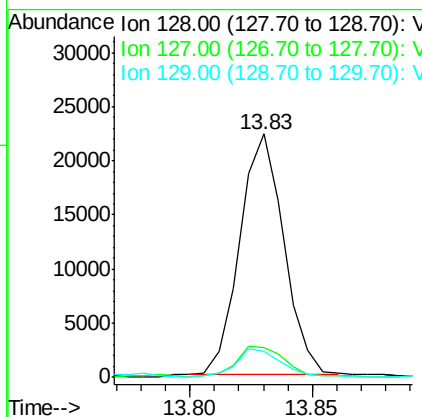
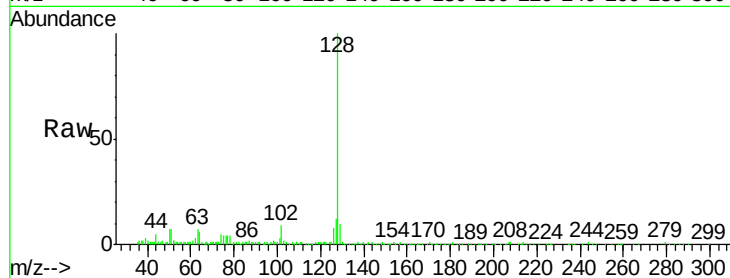
#91
Naphthalene
Concen: 1.833 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	12.4	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 2.281 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015123.D
Acq: 06 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	192.4
145	32.4	0.0	60.4

