

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015102.D
 Acq On : 05 Mar 2020 11:25
 Operator : JC/SP
 Sample : L1161-07 .75PPB 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

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 3/10/2020 4:19:10 PM

Quant Time: Mar 06 04:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	359212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211951	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.49	113	167212	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.71	98	635795	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	215650	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	2867	0.911	ug/l	98
3) Chloromethane	1.32	50	4316	0.969	ug/l	92
4) Vinyl Chloride	1.40	62	3712	0.822	ug/l	99
5) Bromomethane	1.64	94	3309	1.191	ug/l	94
6) Chloroethane	1.72	64	2897	1.069	ug/l	100
7) Trichlorofluoromethane	1.92	101	4790	0.891	ug/l #	81
8) Diethyl Ether	2.18	74	2777	1.140	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2906	0.859	ug/l	89
10) Methyl Iodide	2.50	142	3420	0.895	ug/l	92
11) Tert butyl alcohol	3.03	59	6559m	8.871	ug/l	
12) 1,1-Dichloroethene	2.37	96	3554	1.018	ug/l	95
13) Acrolein	2.29	56	2699	3.884	ug/l #	76
14) Allyl chloride	2.72	41	4523	0.743	ug/l #	73
15) Acrylonitrile	3.14	53	8335	4.527	ug/l	89
16) Acetone	2.44	43	7949	4.606	ug/l	95
17) Carbon Disulfide	2.56	76	8605	0.888	ug/l	100
18) Methyl Acetate	2.76	43	4423	1.048	ug/l #	80
19) Methyl tert-butyl Ether	3.18	73	8817	0.808	ug/l	95
20) Methylene Chloride	2.85	84	3954	0.979	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	3381	0.907	ug/l	87
22) Diisopropyl ether	3.85	45	8672	0.715	ug/l #	75
23) Vinyl Acetate	3.81	43	33396	3.350	ug/l	98
24) 1,1-Dichloroethane	3.69	63	6038	0.897	ug/l #	82
25) 2-Butanone	4.68	43	8995	3.560	ug/l	91
26) 2,2-Dichloropropane	4.58	77	4309	0.806	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	3657	0.875	ug/l	94
28) Bromochloromethane	5.01	49	2585	0.843	ug/l #	89
29) Tetrahydrofuran	5.14	42	5786m	3.552	ug/l	
30) Chloroform	5.20	83	6420	0.979	ug/l	91
31) Cyclohexane	5.58	56	4954	0.825	ug/l #	73
32) 1,1,1-Trichloroethane	5.48	97	4642	0.854	ug/l #	31
36) 1,1-Dichloropropene	5.79	75	4326	0.842	ug/l #	76
37) Ethyl Acetate	4.84	43	3325	0.698	ug/l #	77
38) Carbon Tetrachloride	5.78	117	3472	0.716	ug/l #	81

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	5554	0.926	ug/l #	86
40) Benzene	6.14	78	12305	0.807	ug/l	95
41) Methacrylonitrile	5.04	41	1494	0.522	ug/l #	66
42) 1,2-Dichloroethane	6.18	62	4950	0.946	ug/l	99
43) Isopropyl Acetate	6.43	43	6280	0.749	ug/l #	91
44) Trichloroethene	7.21	130	4269	1.006	ug/l	77
45) 1,2-Dichloropropane	7.51	63	2734	0.693	ug/l #	69
46) Dibromomethane	7.66	93	1799	0.700	ug/l #	74
47) Bromodichloromethane	7.89	83	3380	0.665	ug/l #	96
48) Methyl methacrylate	7.77	41	2136	0.501	ug/l #	71
49) 1,4-Dioxane	7.76	88	1068	11.579	ug/l #	56
51) 4-Methyl-2-Pentanone	8.64	43	17151	3.461	ug/l	100
52) Toluene	8.78	92	7536	0.809	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3442	0.636	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	4012	0.656	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	2760	0.720	ug/l	96
56) Ethyl methacrylate	9.18	69	3551	0.649	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	5276	0.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	9073	3.045	ug/l	100
59) 2-Hexanone	9.49	43	11126	3.029	ug/l	97
60) Dibromochloromethane	9.58	129	3197	0.794	ug/l	95
61) 1,2-Dibromoethane	9.67	107	3328	0.826	ug/l	83
64) Tetrachloroethene	9.33	164	3804	0.923	ug/l	95
65) Chlorobenzene	10.13	112	8108	0.810	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	3029	0.802	ug/l #	65
67) Ethyl Benzene	10.25	91	12948	0.762	ug/l	91
68) m/p-Xylenes	10.35	106	9207	1.423	ug/l	99
69) o-Xylene	10.70	106	4667	0.754	ug/l	100
70) Styrene	10.71	104	7414	0.698	ug/l	96
71) Bromoform	10.85	173	1944	0.664	ug/l #	95
73) Isopropylbenzene	11.01	105	11582	0.736	ug/l	91
74) N-amyl acetate	10.89	43	3671	0.554	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.26	83	4478	0.854	ug/l #	86
76) 1,2,3-Trichloropropane	11.29	75	4080m	0.831	ug/l	
77) Bromobenzene	11.25	156	4524	1.032	ug/l	83
78) n-propylbenzene	11.35	91	13159	0.732	ug/l	95
79) 2-Chlorotoluene	11.42	91	8137	0.758	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	8991	0.687	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	1522m	0.880	ug/l	
82) 4-Chlorotoluene	11.51	91	8933	0.705	ug/l	93
83) tert-Butylbenzene	11.76	119	9298	0.735	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	8525	0.648	ug/l	96
85) sec-Butylbenzene	11.94	105	10553	0.691	ug/l	94
86) p-Isopropyltoluene	12.06	119	9810	0.697	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	6361	0.826	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	7189m	0.904	ug/l	
89) n-Butylbenzene	12.38	91	8229	0.657	ug/l	98
90) Hexachloroethane	12.59	117	1989	0.747	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	6170	0.805	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1181	1.125	ug/l	81

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

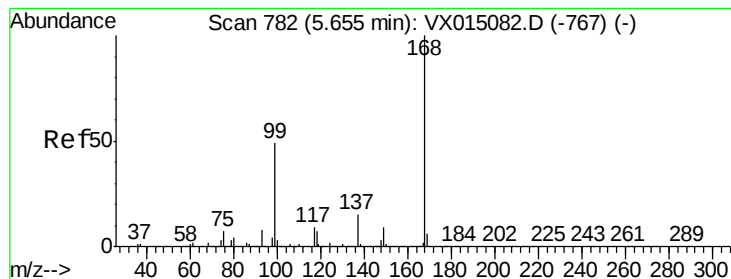
Manual Integrations
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Quant Time: Mar 06 04:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	4482	0.843	ug/l	94
94) Hexachlorobutadiene	13.77	225	2241	0.821	ug/l	91
95) Naphthalene	13.83	128	9137	0.629	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.01	180	4563	0.860	ug/l	89

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



#1

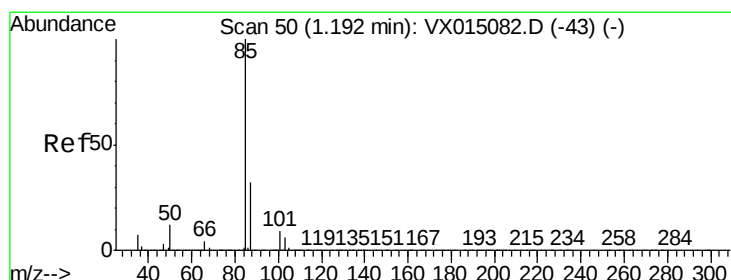
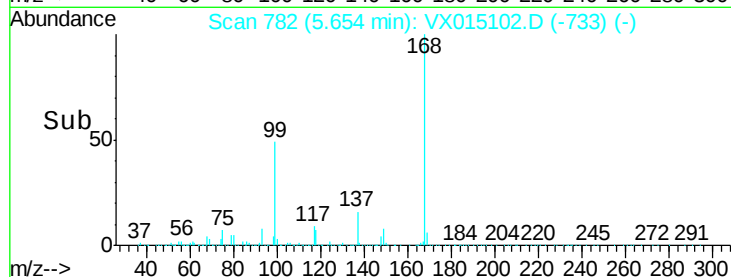
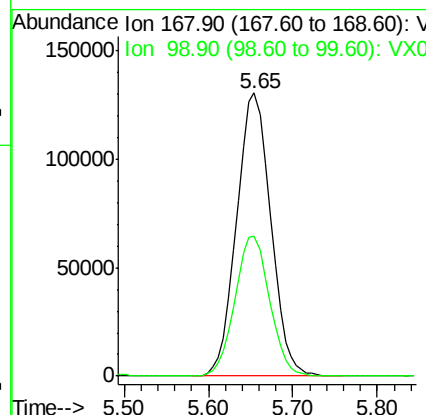
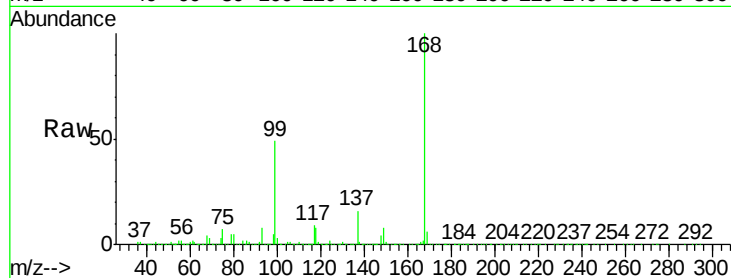
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	359212		
99	49.3	39.4	59.2	

Manual Integrations
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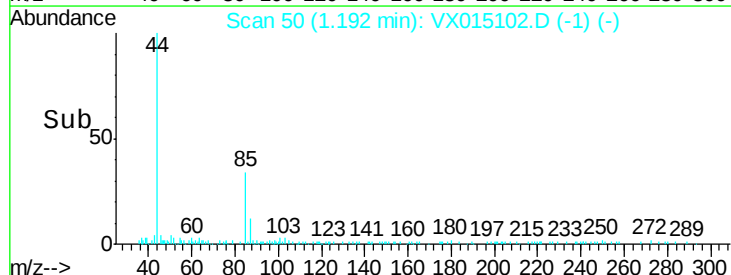
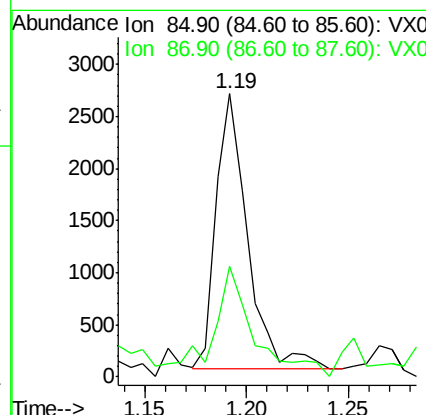
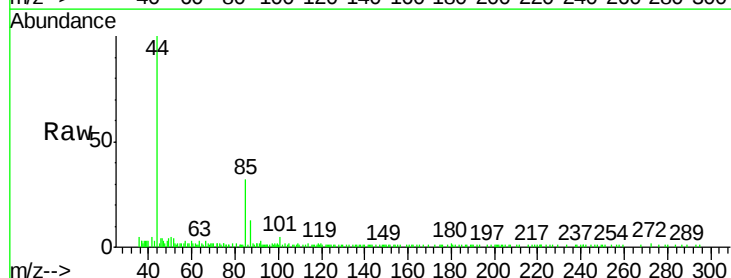
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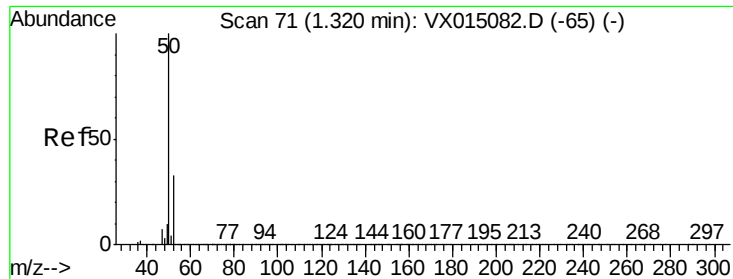


#2

Dichlorodifluoromethane
Concen: 0.911 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	2867		
87	31.2	16.2	48.5	





#3

Chloromethane

Concen: 0.969 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

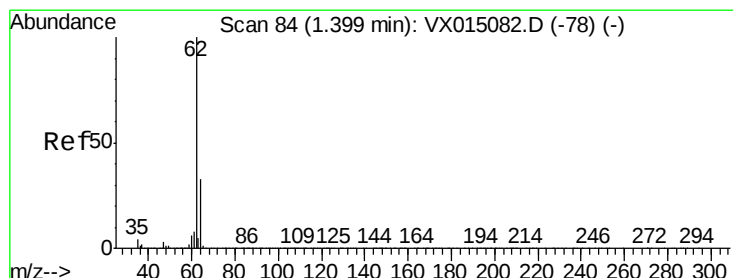
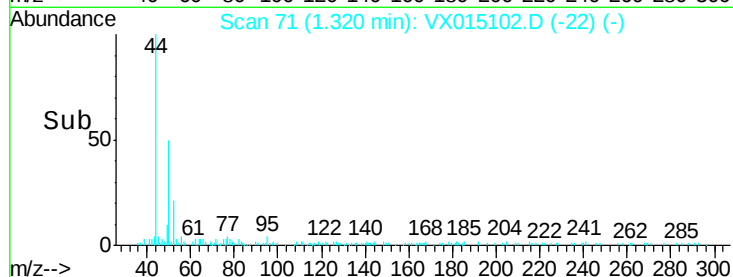
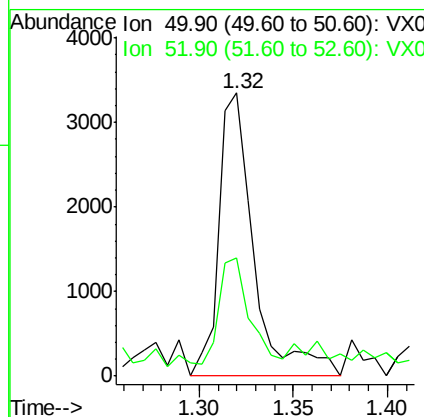
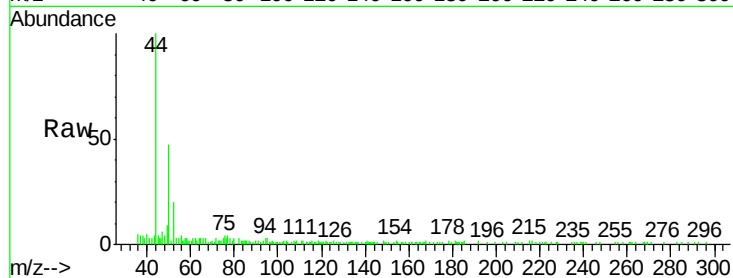
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
50	100		
52	37.0	26.2	39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.822 ug/l

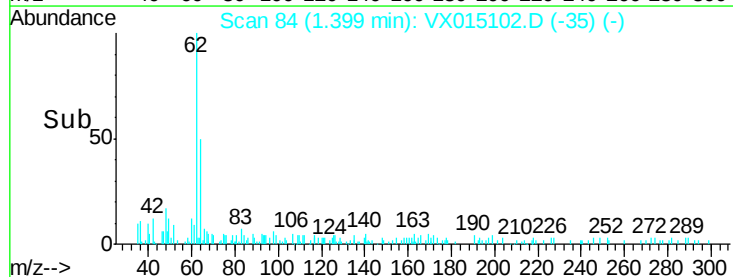
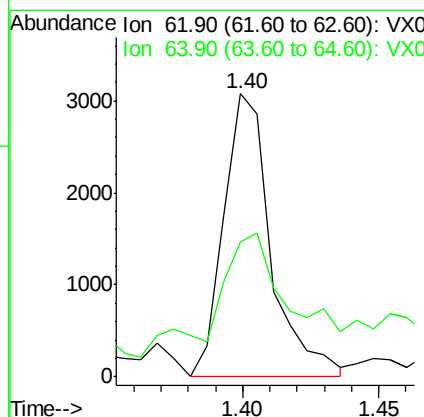
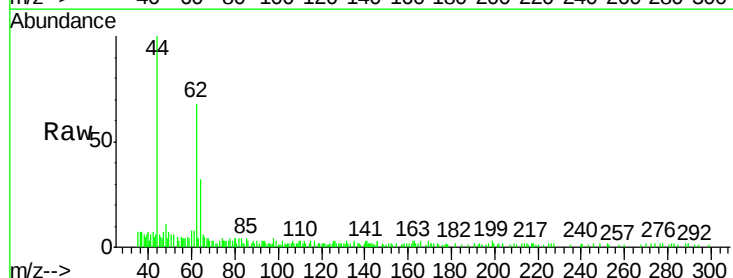
RT: 1.40 min Scan# 84

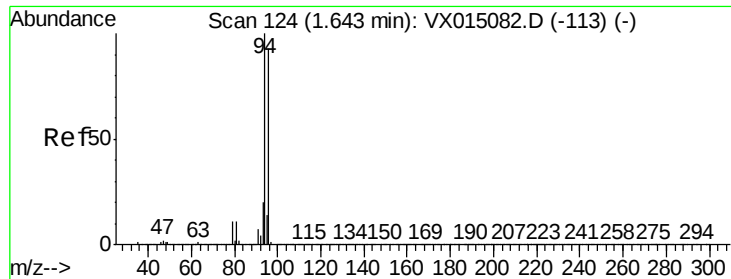
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.0	26.1	39.1





#5

Bromomethane

Concen: 1.191 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 94 Resp: 3309

Ion Ratio Lower Upper

94 100

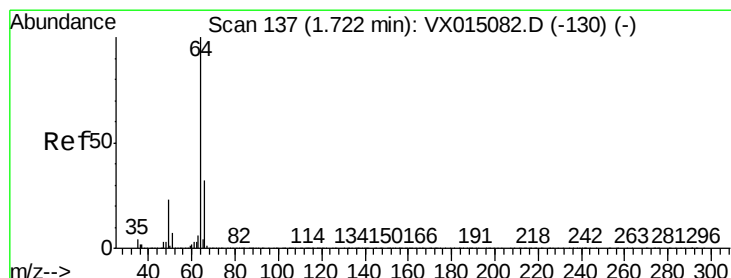
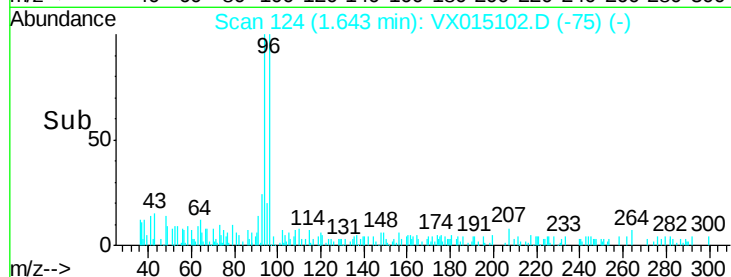
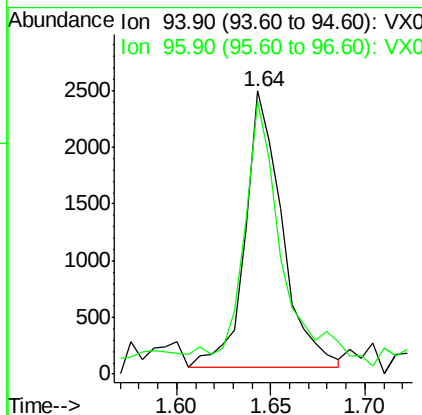
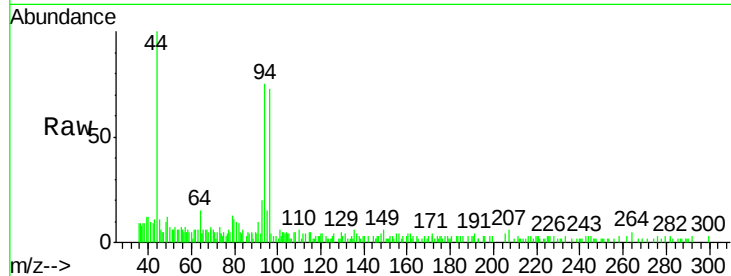
96 87.5 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 1.069 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015102.D

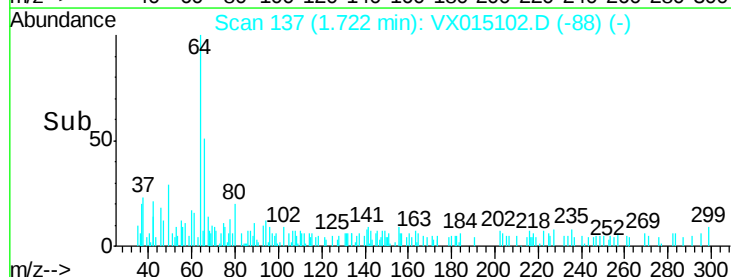
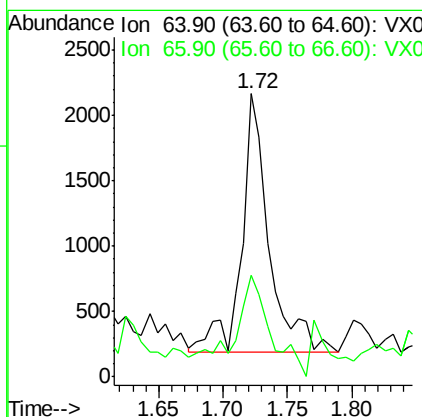
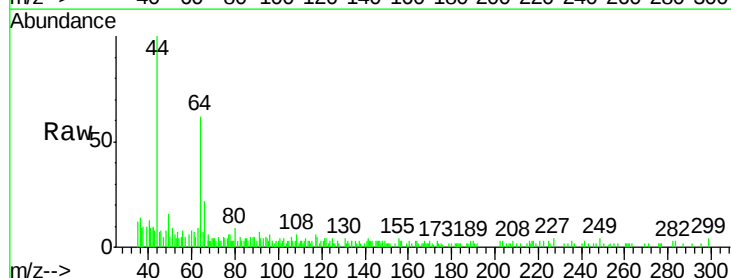
Acq: 05 Mar 2020 11:25

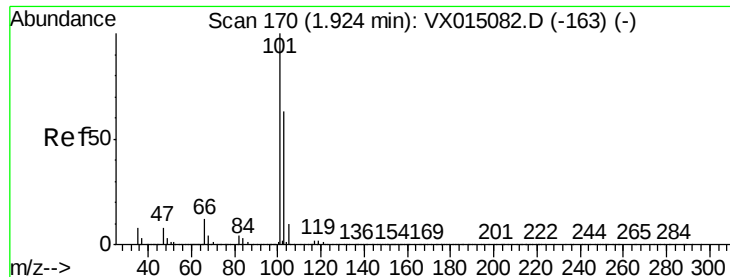
Tgt Ion: 64 Resp: 2897

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8





#7

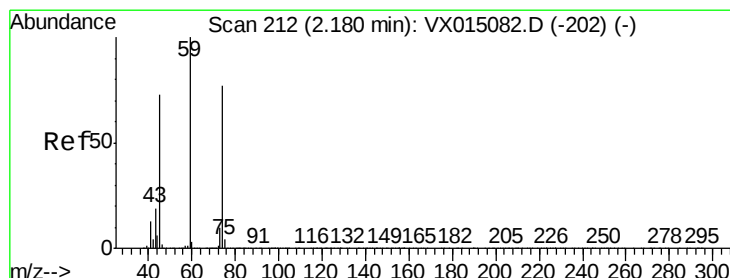
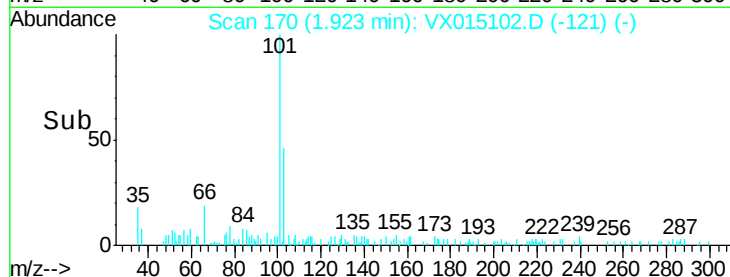
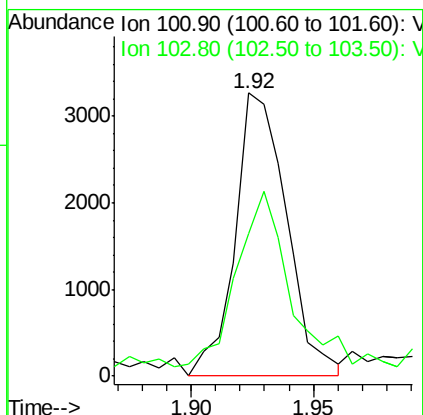
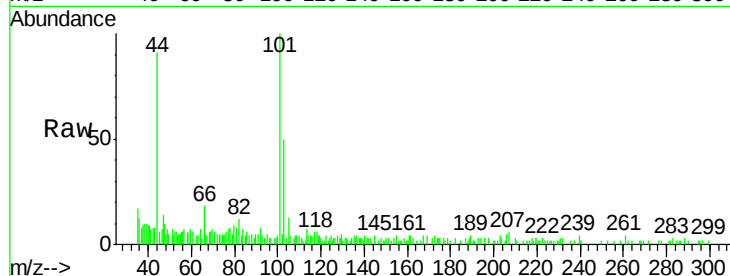
Trichlorofluoromethane
Concen: 0.891 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	47.9	50.4	75.6#

Manual Integrations
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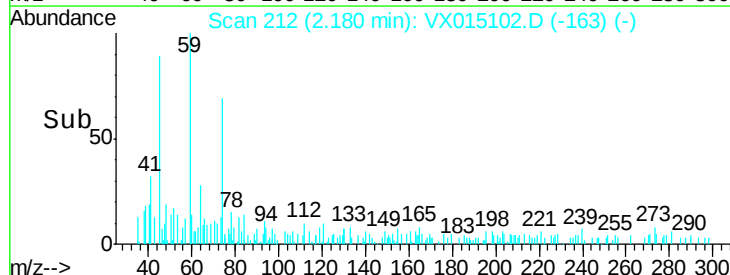
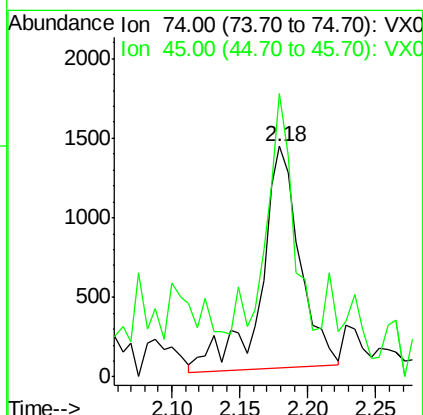
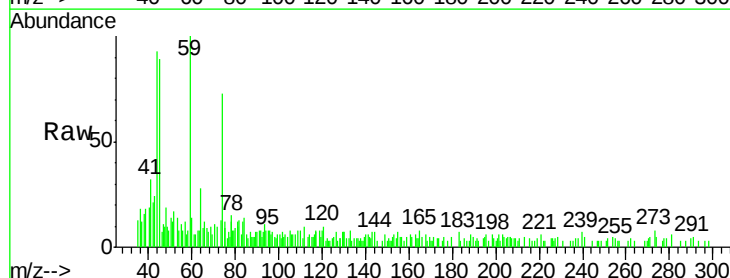
MMDadoda
3/10/2020 4:19:10 PM

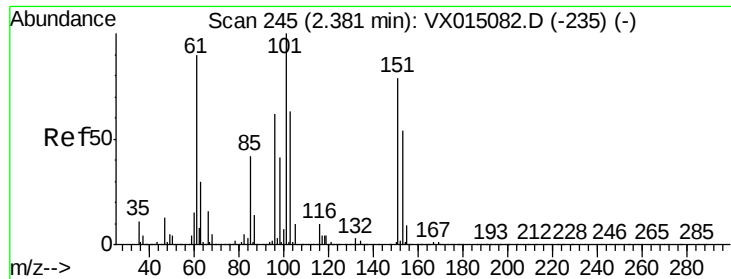


#8

Diethyl Ether
Concen: 1.140 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.859 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

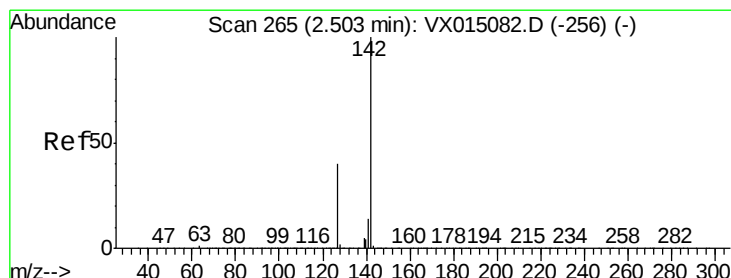
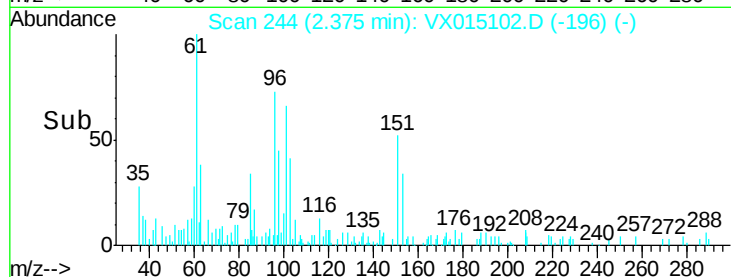
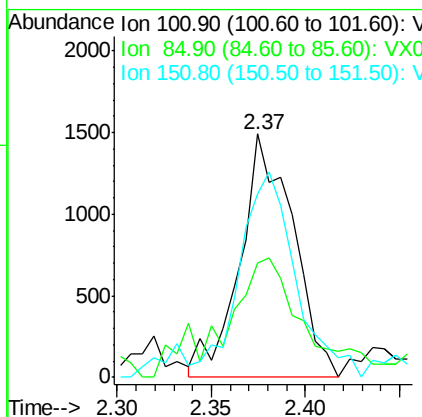
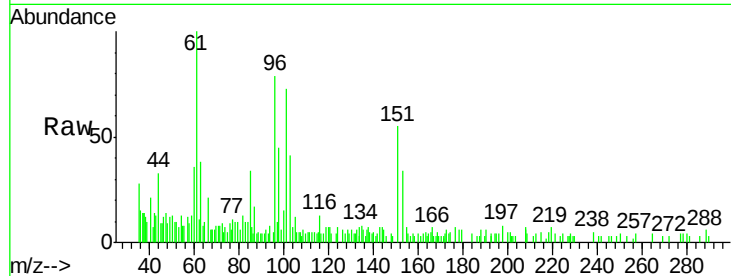
ClientSampleId :

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

Tot Ion:	101	Resp:	2906
Ion Ratio	Lower	Upper	
101	100		
85	49.8	33.7	50.5
151	89.3	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 0.895 ug/l

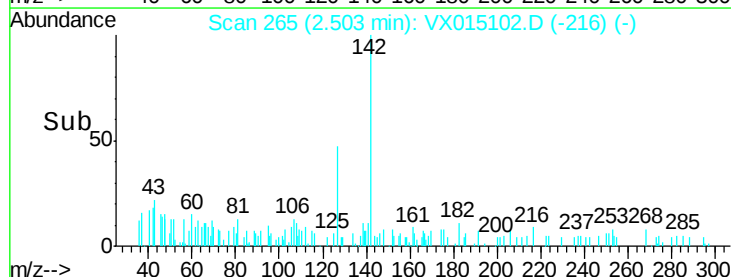
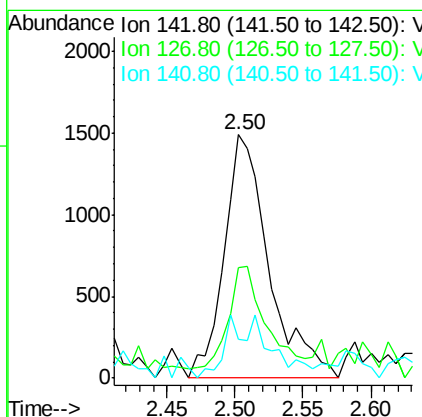
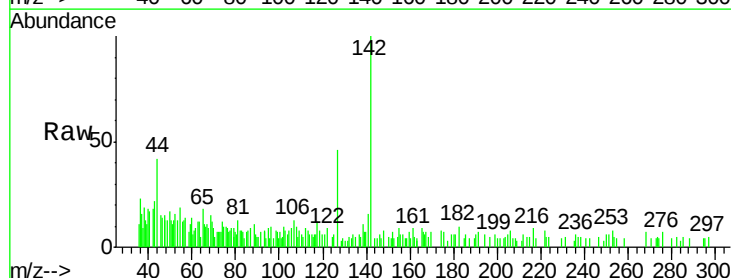
RT: 2.50 min Scan# 265

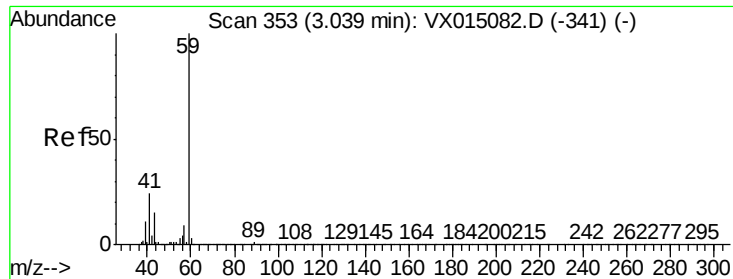
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	142	Resp:	3420
Ion Ratio	Lower	Upper	
142	100		
127	34.6	31.7	47.5
141	11.5	11.3	16.9





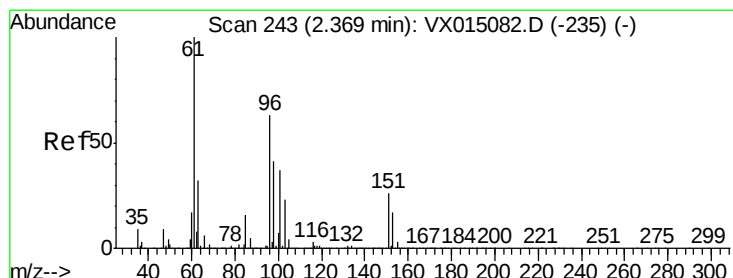
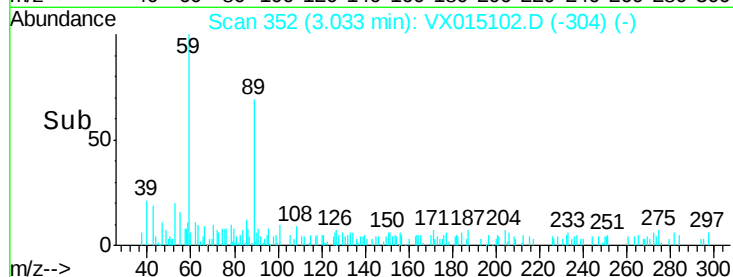
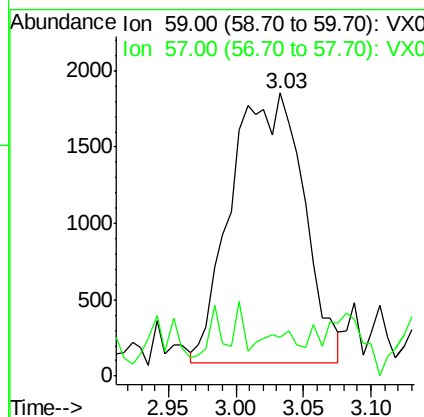
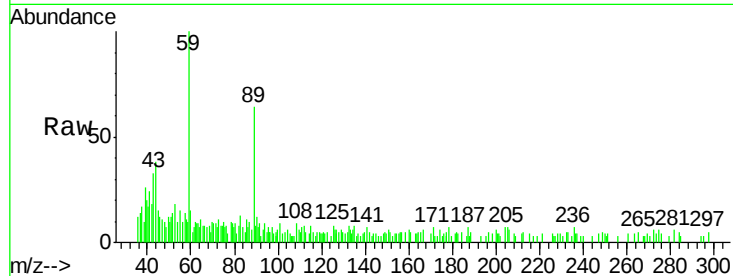
#11
Tert butyl alcohol
Concen: 8.871 ug/l m
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion: 59 Resp: 6559
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.4#

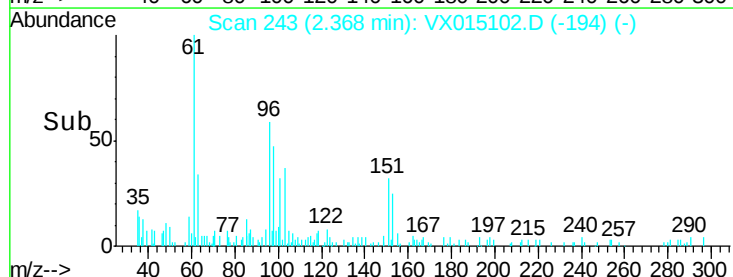
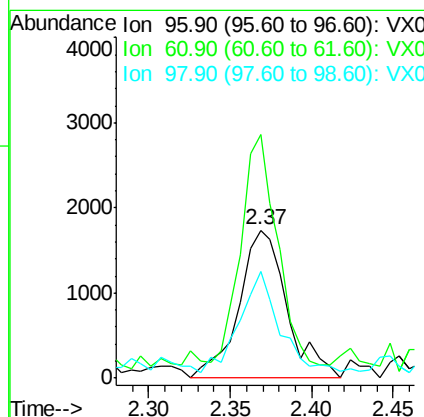
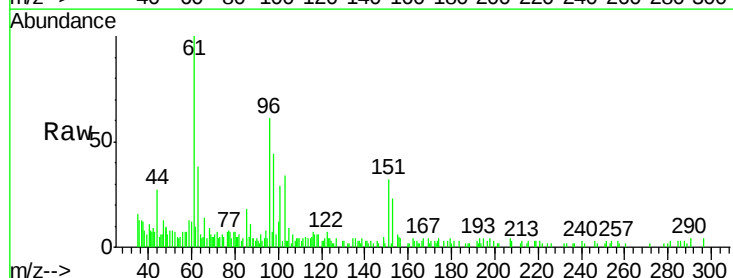
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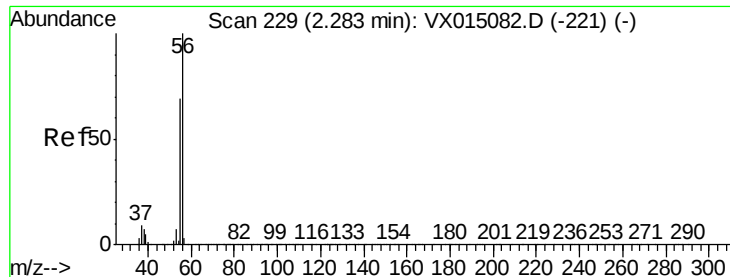
MMDadoda
3/10/2020 4:19:10 PM



#12
1,1-Dichloroethene
Concen: 1.018 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 96 Resp: 3554
Ion Ratio Lower Upper
96 100
61 149.7 126.2 189.4
98 67.1 51.4 77.0





#13

Acrolein

Concen: 3.884 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 56 Resp: 2699

Ion Ratio Lower Upper

56 100

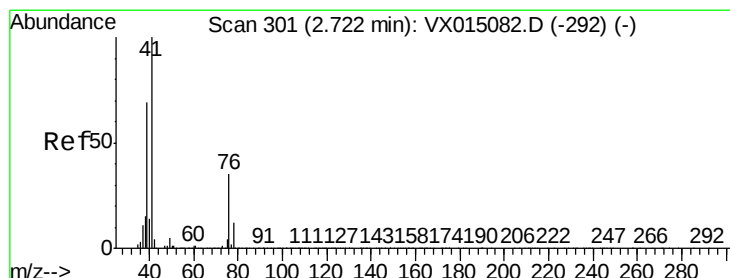
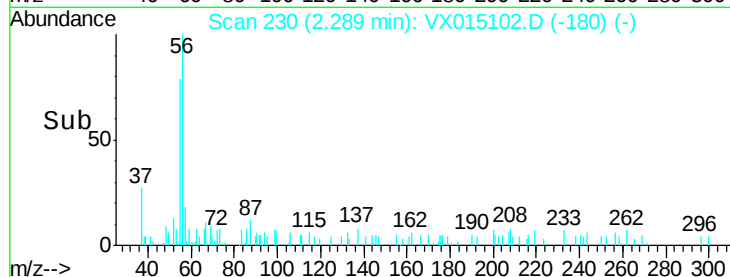
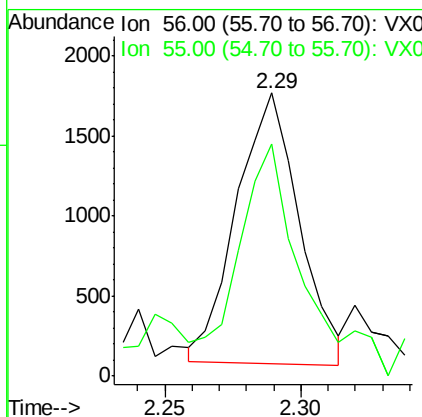
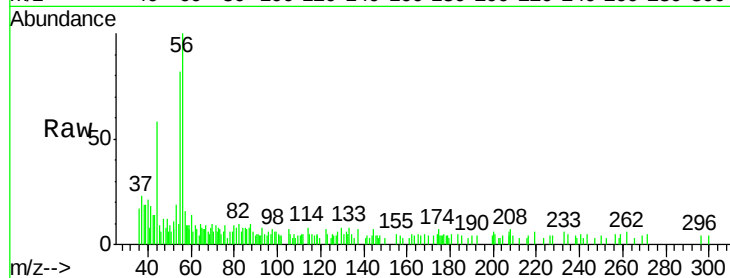
55 88.9 55.4 83.0#

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 0.743 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

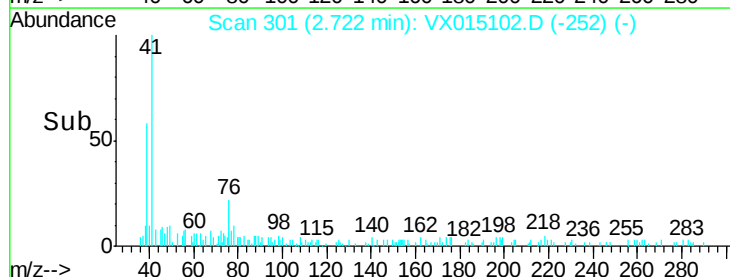
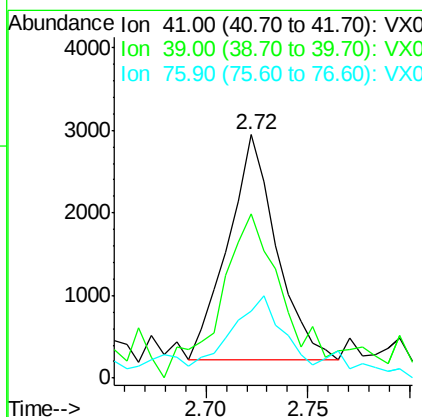
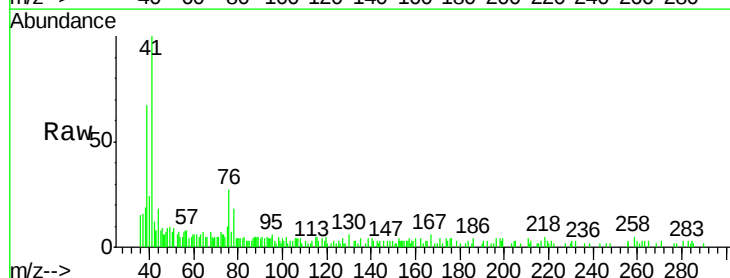
Tgt Ion: 41 Resp: 4523

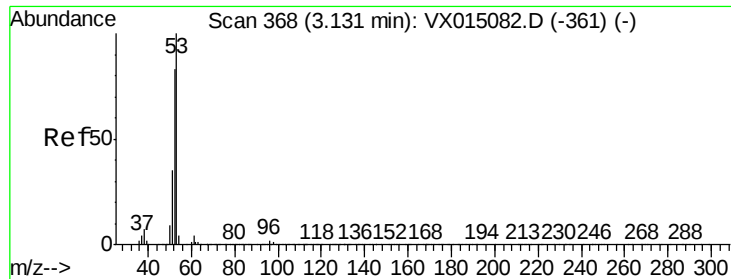
Ion Ratio Lower Upper

41 100

39 95.8 52.9 79.3#

76 30.1 26.8 40.2





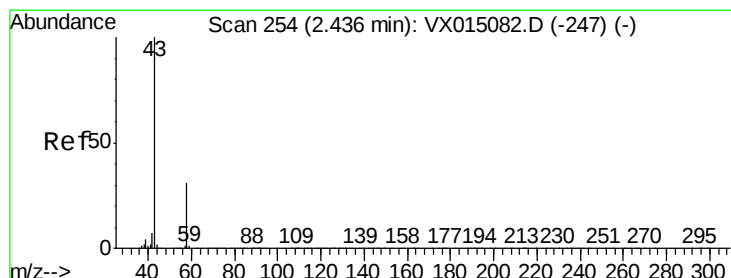
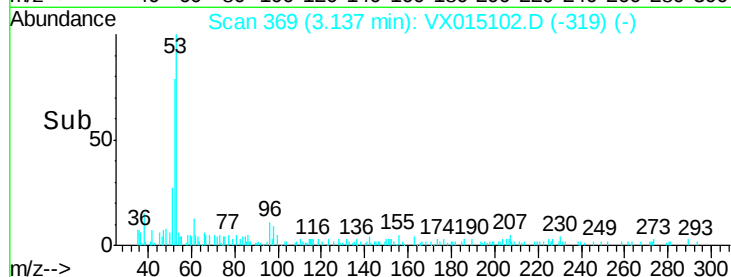
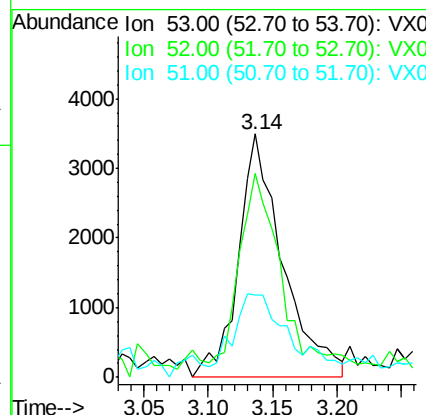
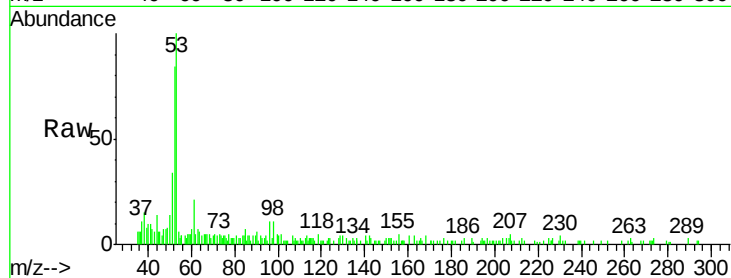
#15
 Acrylonitrile
 Concen: 4.527 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion:	53	Resp:	8335
Ion	Ratio	Lower	Upper
53	100		
52	73.1	66.6	100.0
51	30.7	29.0	43.6

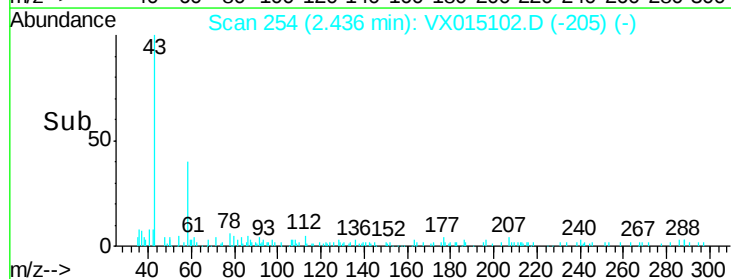
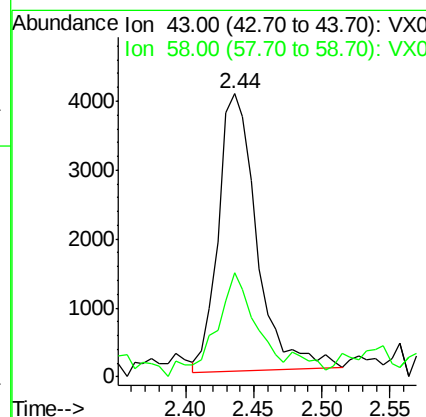
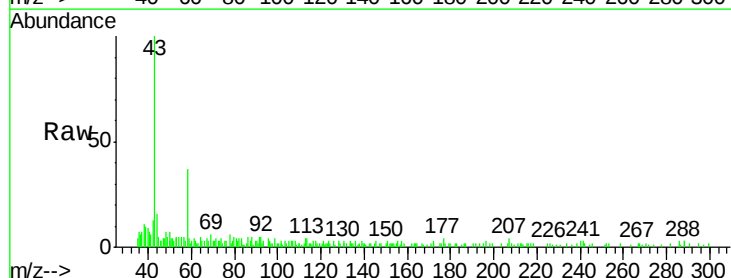
Manual Integrations
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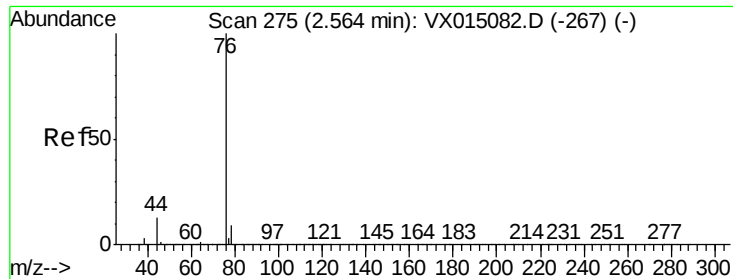
MMDadoda
 3/10/2020 4:19:10 PM



#16
 Acetone
 Concen: 4.606 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion:	43	Resp:	7949
Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.8	37.2





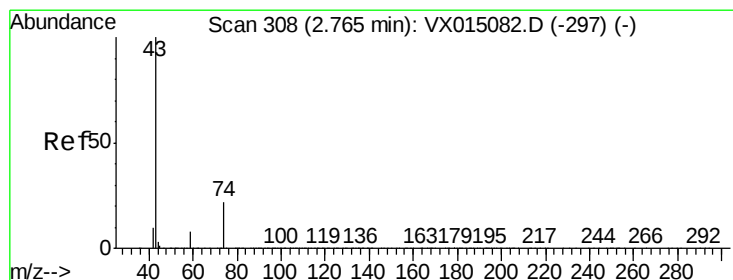
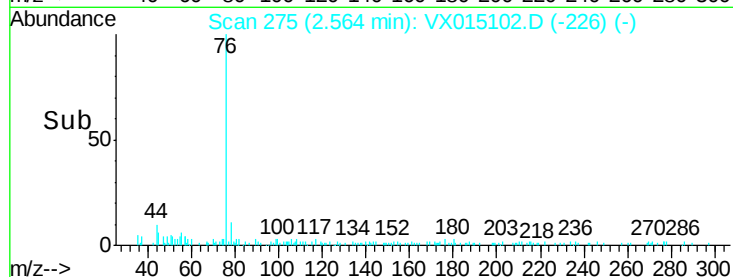
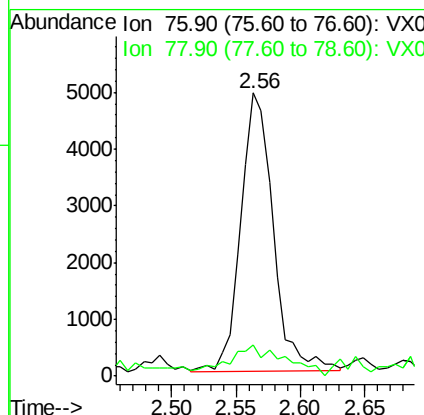
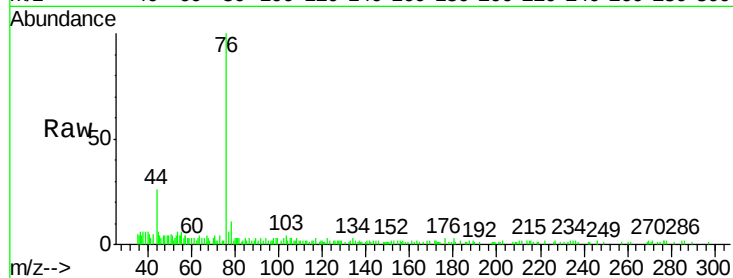
#17
Carbon Disulfide
Concen: 0.888 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

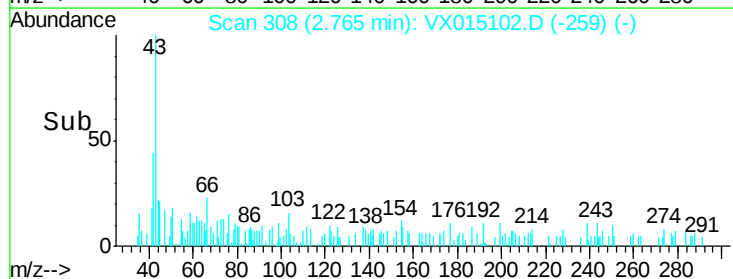
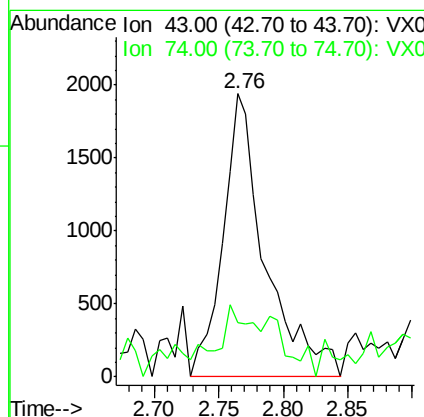
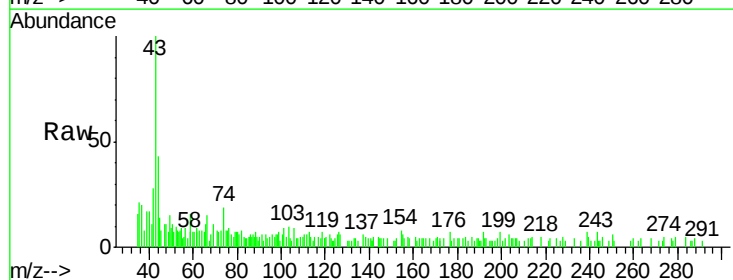
Manual Integrations
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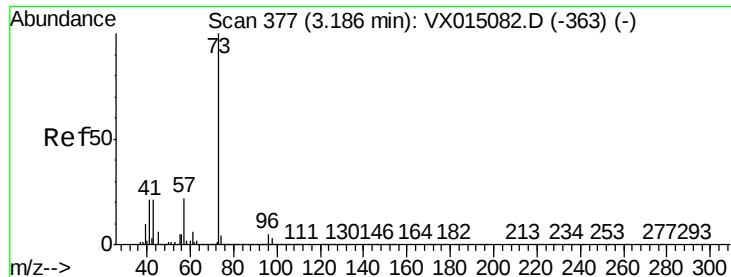
MMDadoda
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#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.6	18.8	28.2#





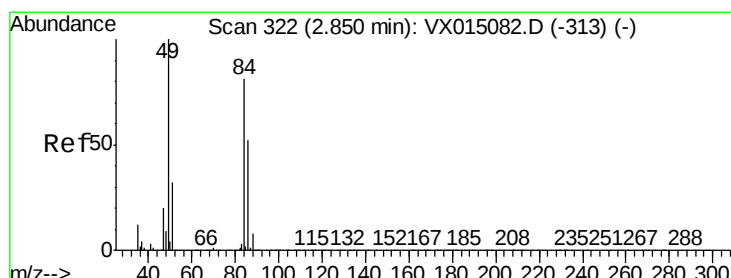
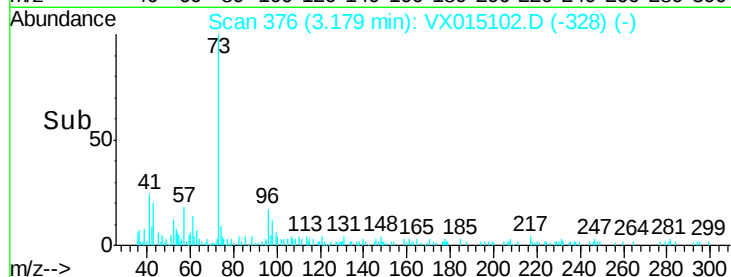
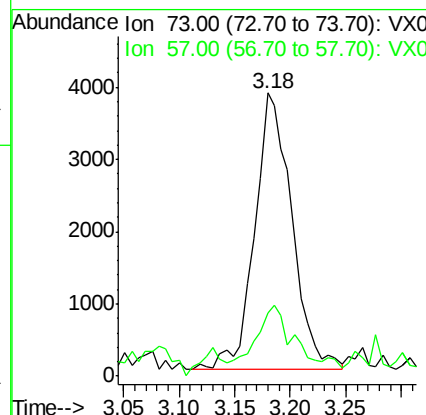
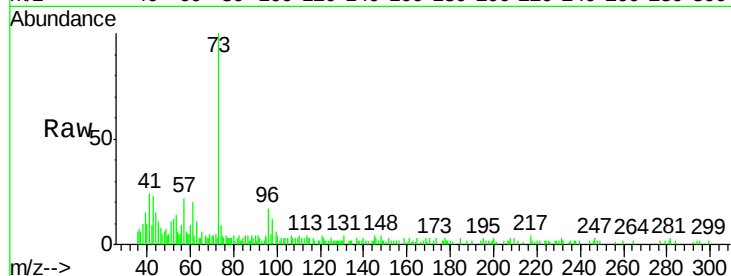
#19
Methvl tert-butvl Ether
Concen: 0.808 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.8	26.6

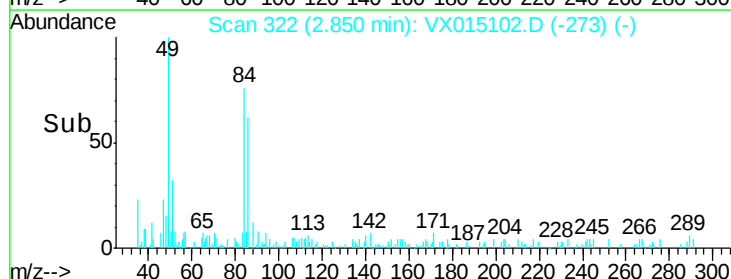
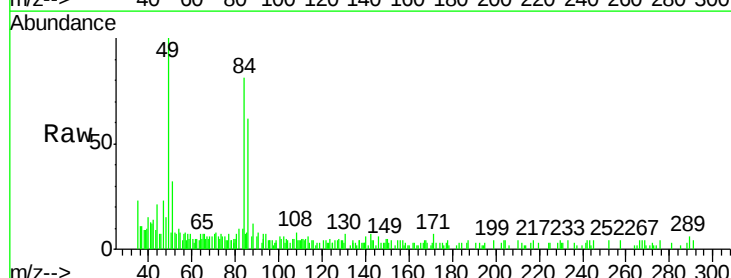
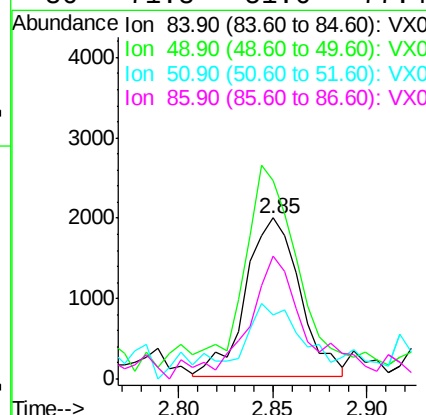
Manual Integrations
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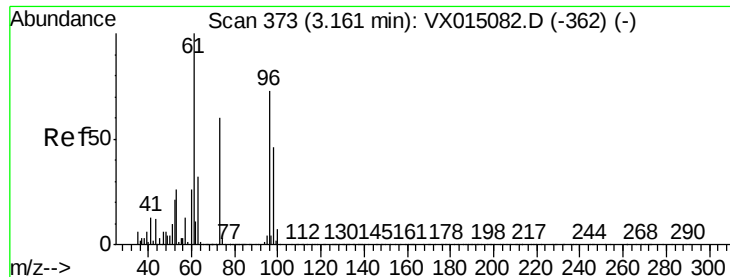
MMDadoda
3/10/2020 4:19:10 PM



#20
Methylene Chloride
Concen: 0.979 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	99.4	149.2
51	32.7	31.5	47.3
86	71.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 0.907 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

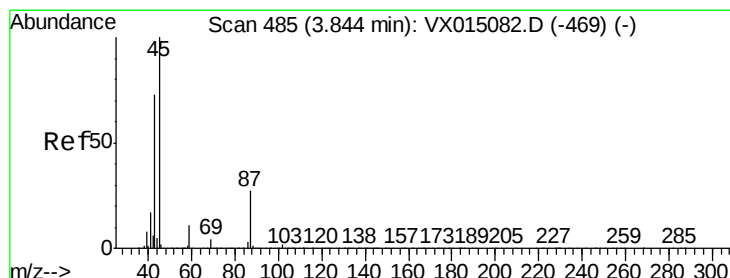
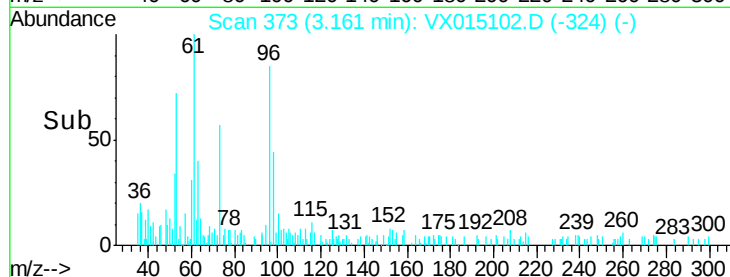
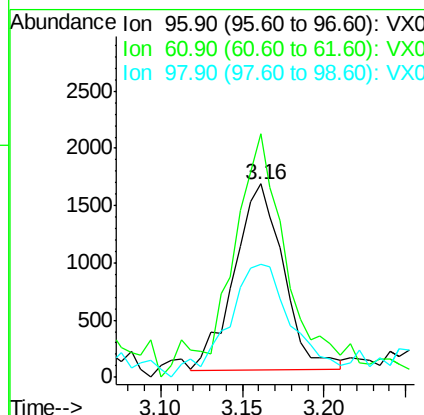
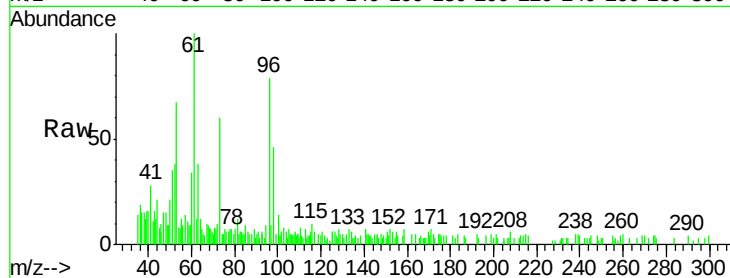
ClientSampleId :

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

Tot Ion:	96	Resp:	3381
Ion	Ratio	Lower	Upper
96	100		
61	120.1	109.9	164.9
98	54.7	50.2	75.2

Manual Integrations
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3/10/2020 4:19:10 PM



#22

Diisopropyl ether

Concen: 0.715 ug/l

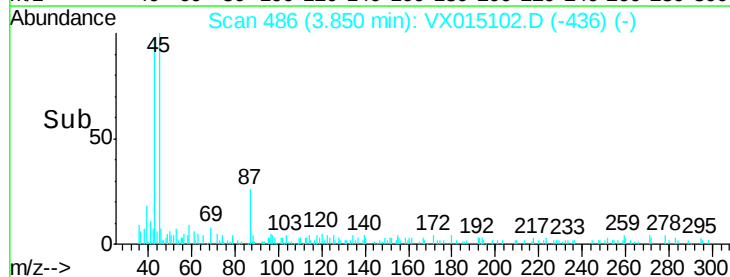
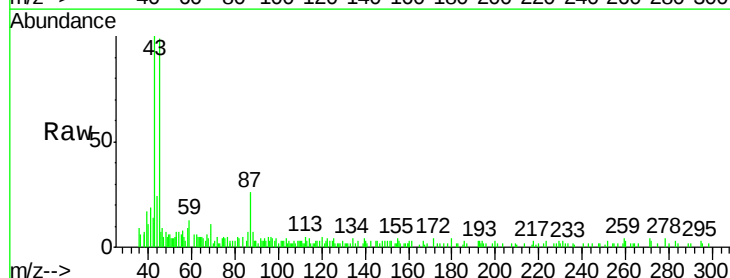
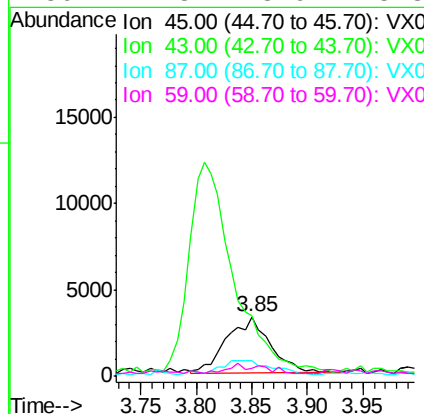
RT: 3.85 min Scan# 486

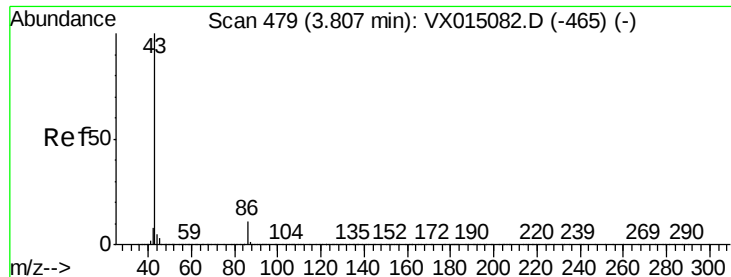
Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	45	Resp:	8672
Ion	Ratio	Lower	Upper
45	100		
43	101.4	58.2	87.2#
87	24.5	21.2	31.8
59	4.8	8.9	13.3#





#23

Vinyl Acetate

Concen: 3.350 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 43 Resp: 33396

Ion Ratio Lower Upper

43 100

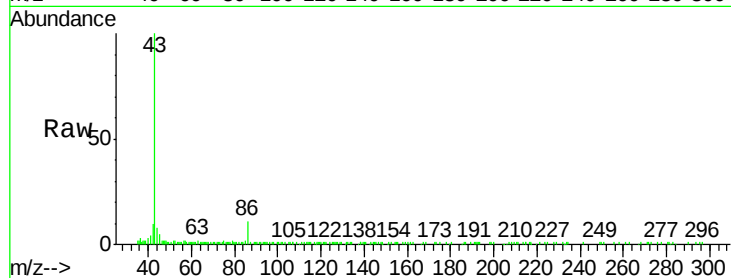
86 11.3 8.6 12.8

Manual Integrations

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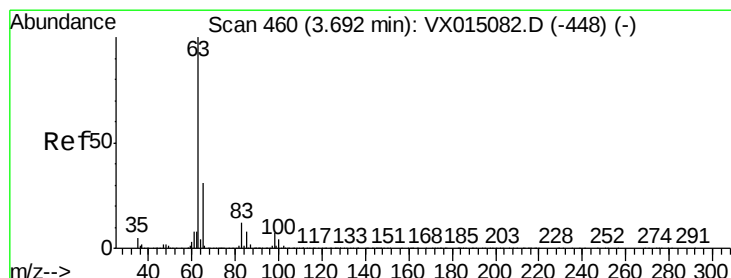
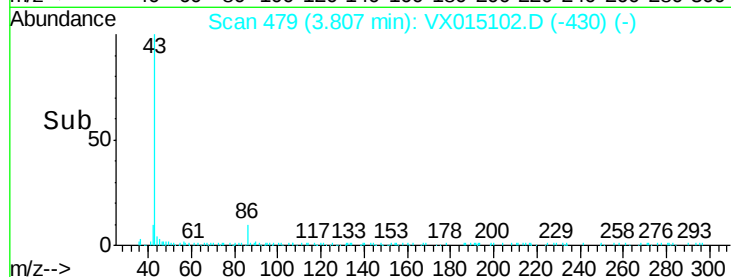
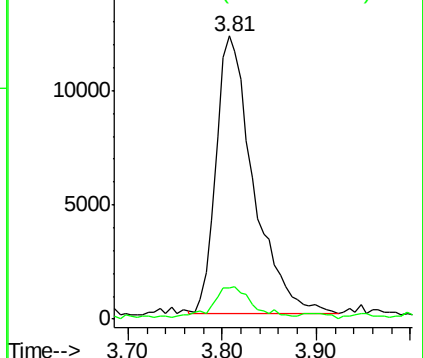
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.897 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

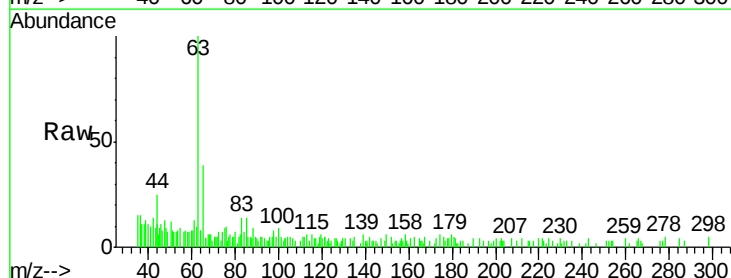
Tgt Ion: 63 Resp: 6038

Ion Ratio Lower Upper

63 100

98 0.0 3.7 11.1#

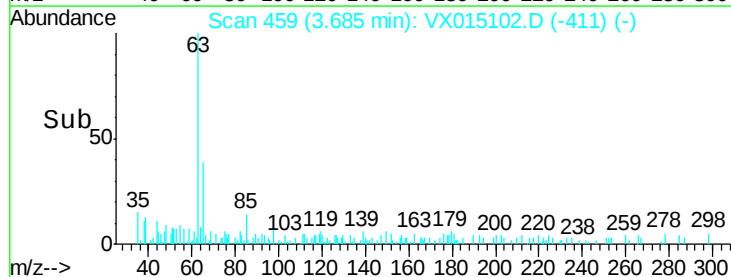
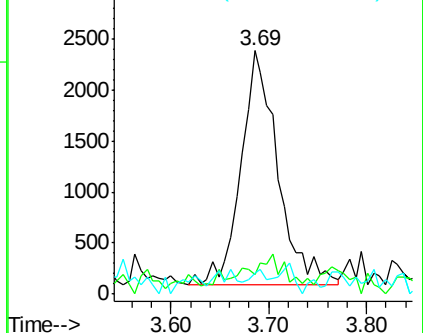
100 0.6 2.1 6.5#

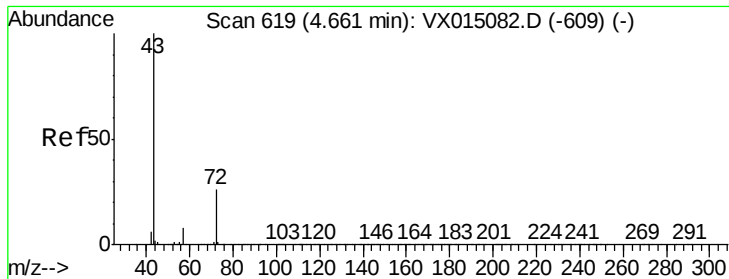


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





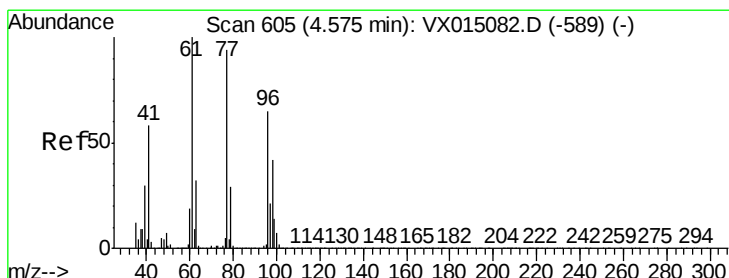
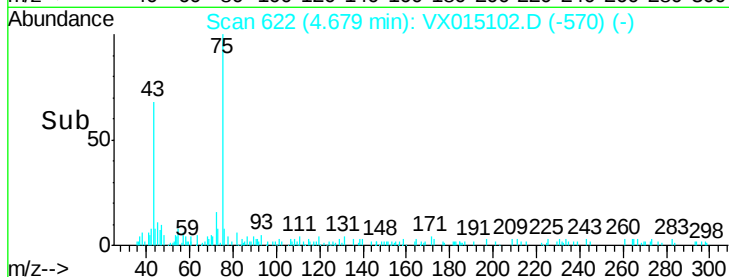
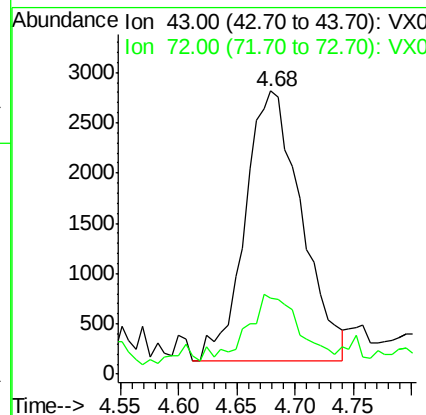
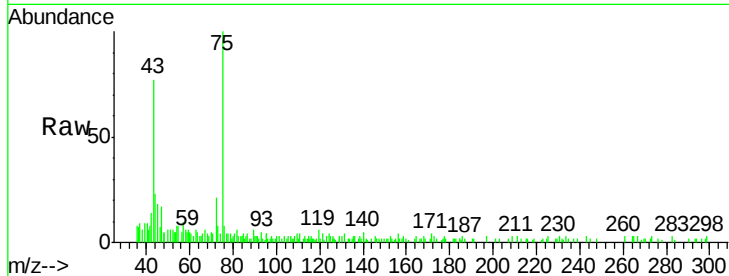
#25
2-Butanone
Concen: 3.560 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
43	100		
72	21.1	20.6	30.8

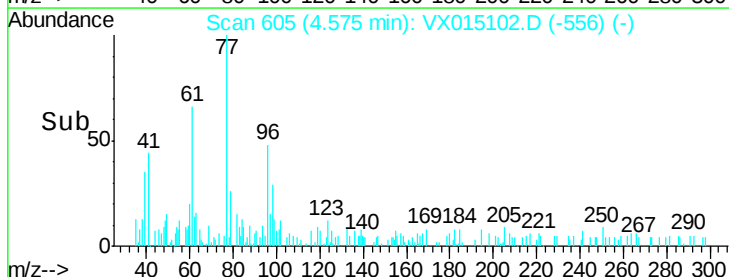
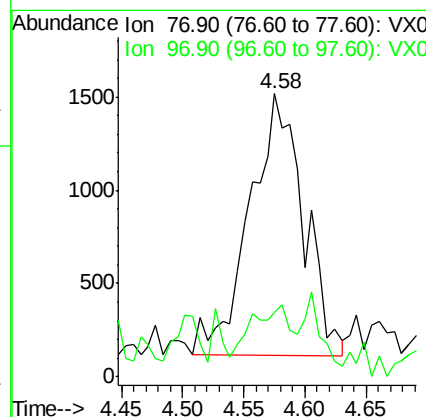
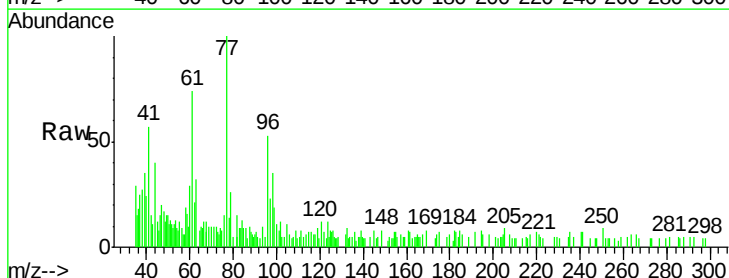
Manual Integrations
APPROVED

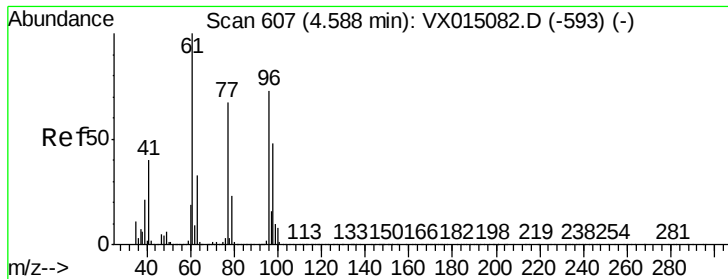
MMDadoda
3/10/2020 4:19:10 PM



#26
2,2-Dichloropropane
Concen: 0.806 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
77	100		
97	19.6	11.8	35.4





#27

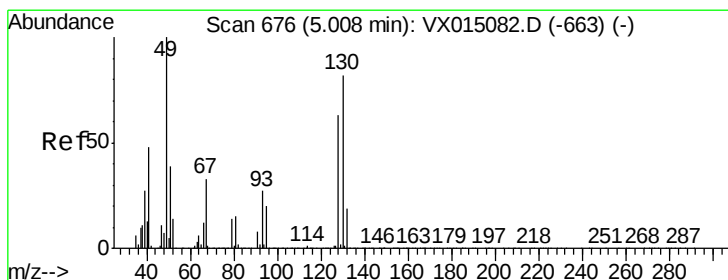
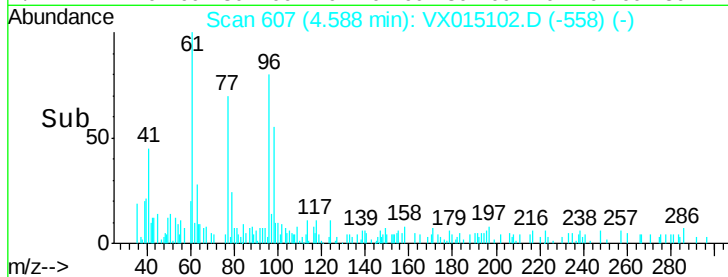
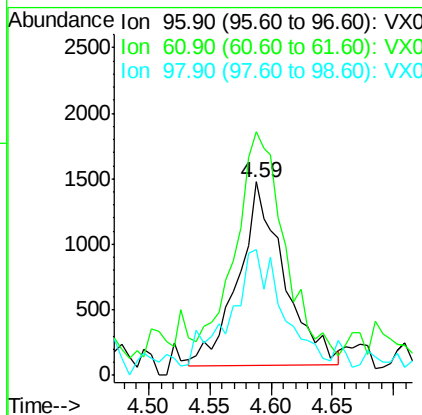
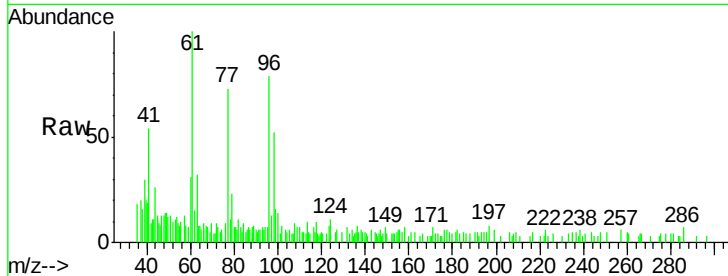
cis-1,2-Dichloroethene
Concen: 0.875 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion:	96	Resp:	3657
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	286.8
98	72.9	0.0	128.4

Manual Integrations
APPROVED

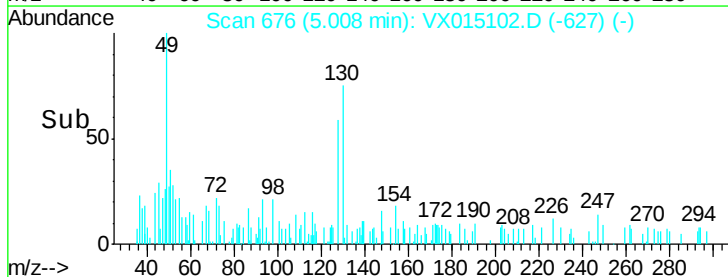
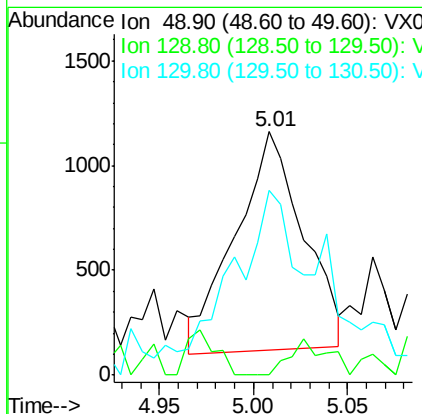
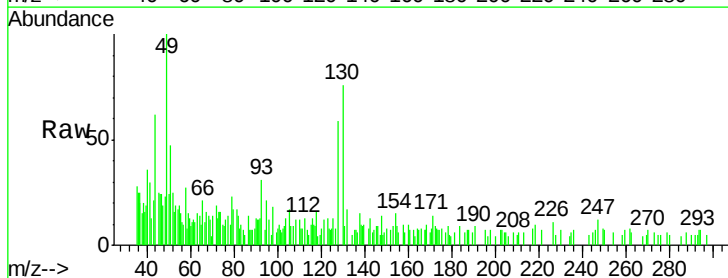
MMDadoda
3/10/2020 4:19:10 PM

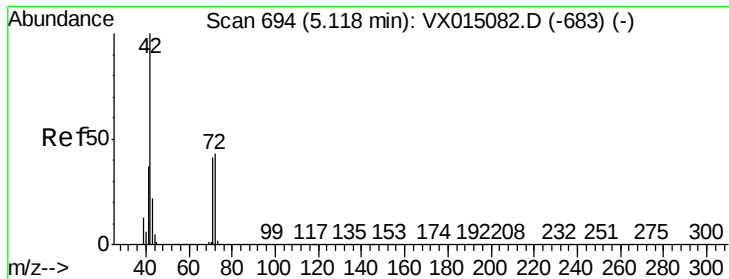


#28

Bromochloromethane
Concen: 0.843 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion:	49	Resp:	2585
Ion	Ratio	Lower	Upper
49	100		
129	9.1	0.0	4.4#
130	71.3	65.0	97.6





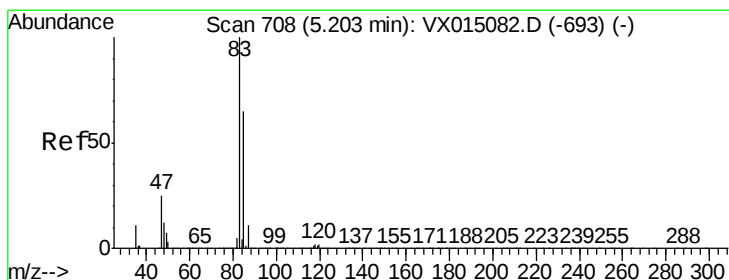
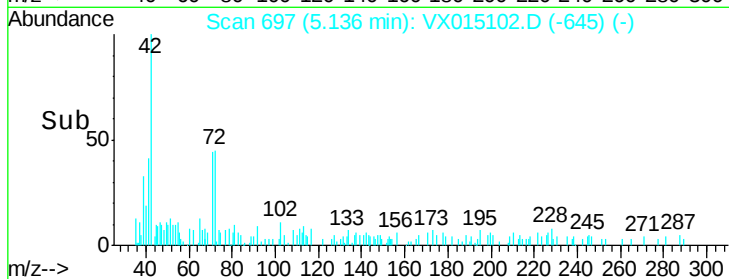
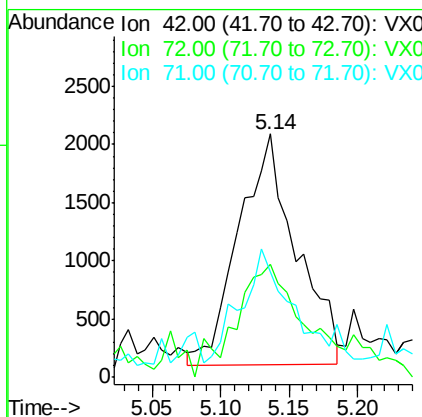
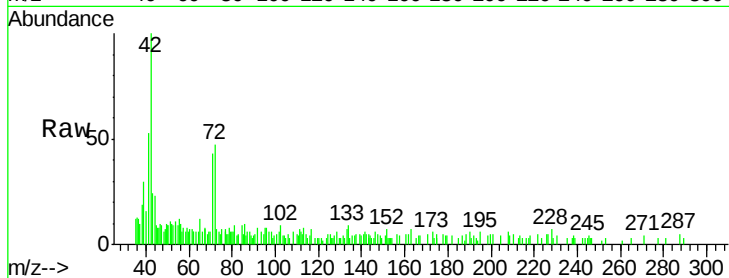
#29
Tetrahydrofuran
Concen: 3.552 ug/l m
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	2.7	36.4	54.6#
71	1.7	33.3	49.9#

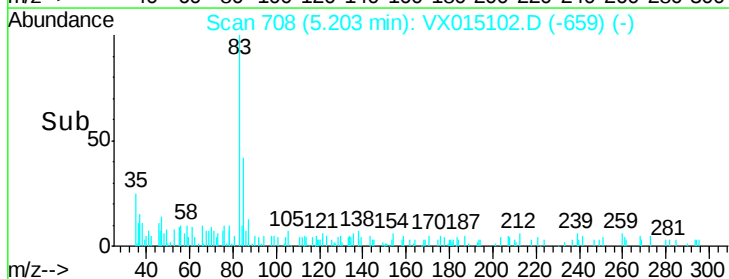
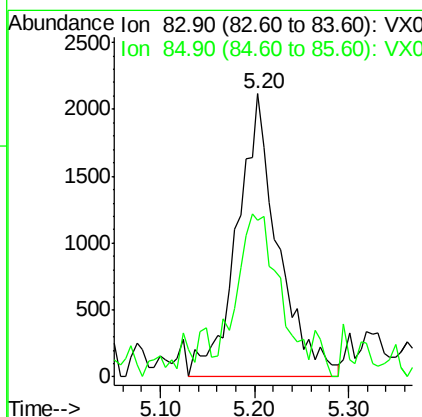
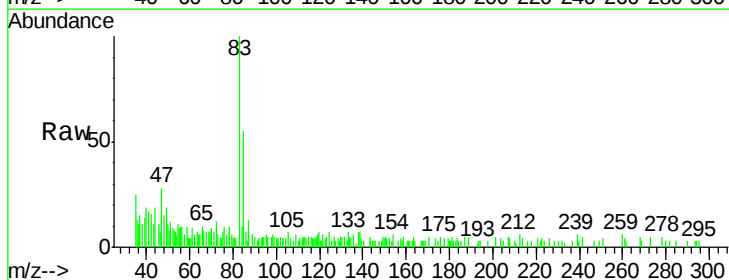
Manual Integrations
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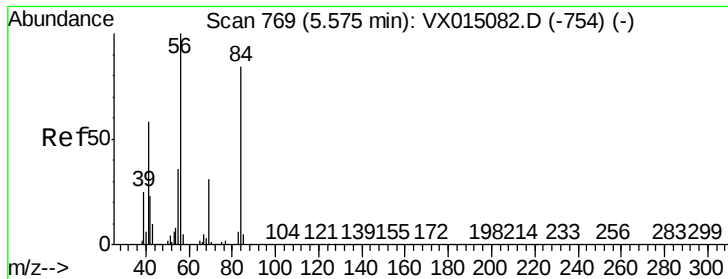
MMDadoda
3/10/2020 4:19:10 PM



#30
Chloroform
Concen: 0.979 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.6	52.0	78.0





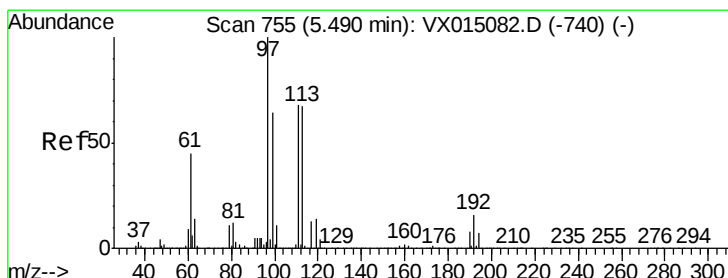
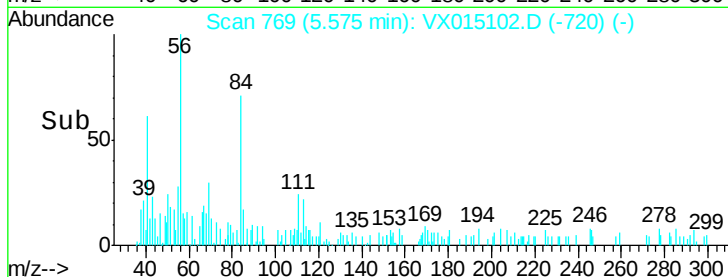
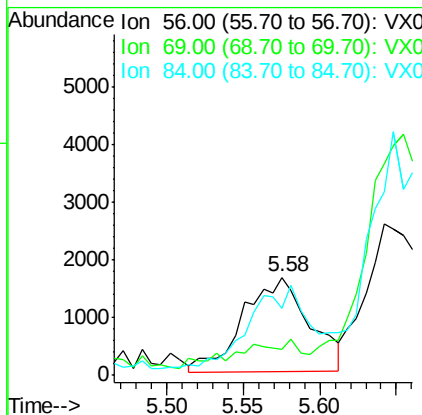
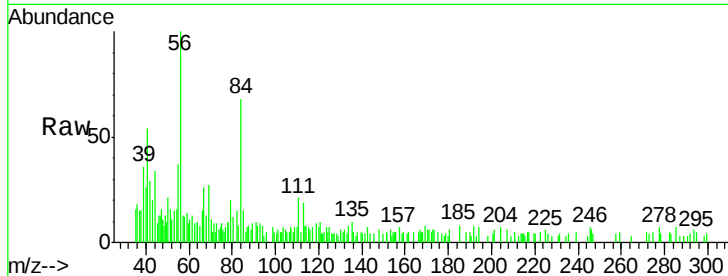
#31
Cvclohexane
Concen: 0.825 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
69	69	11.0	25.0	37.6#
84	84	63.1	67.6	101.4#

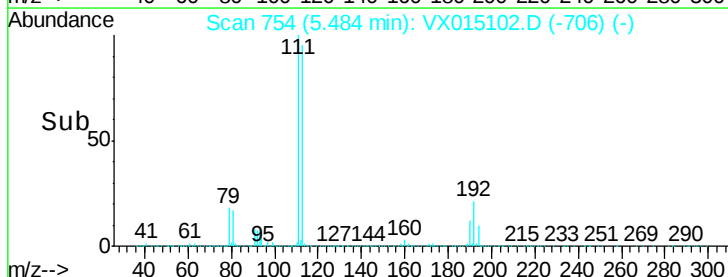
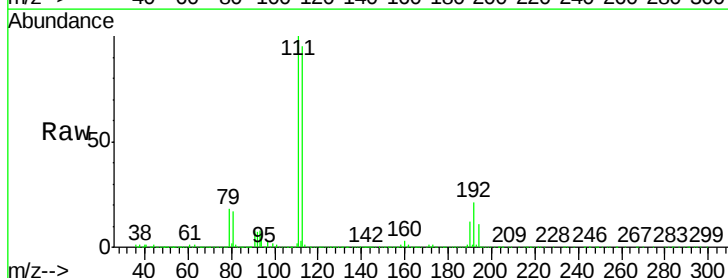
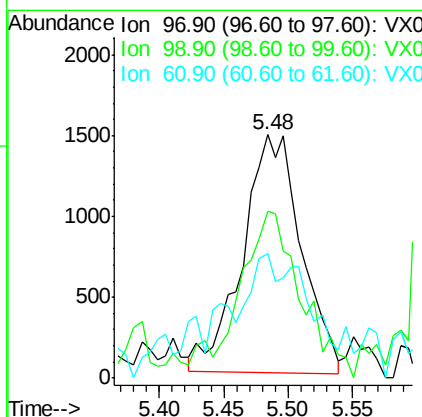
Manual Integrations
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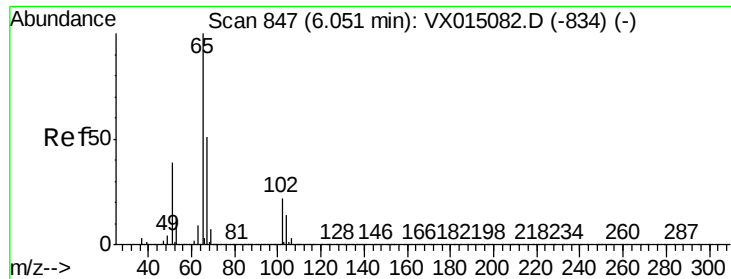
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 0.854 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ion	Ratio	Lower	Upper
97	97	100		
99	99	0.0	52.8	79.2#
61	61	12.8	36.6	54.8#





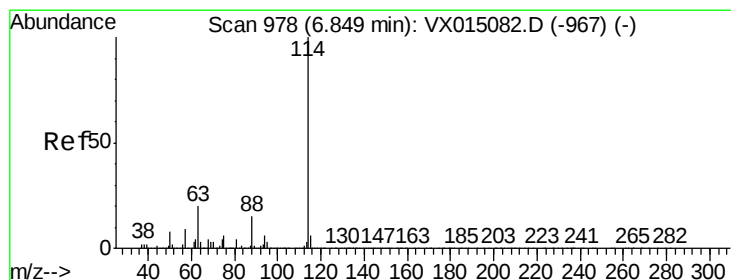
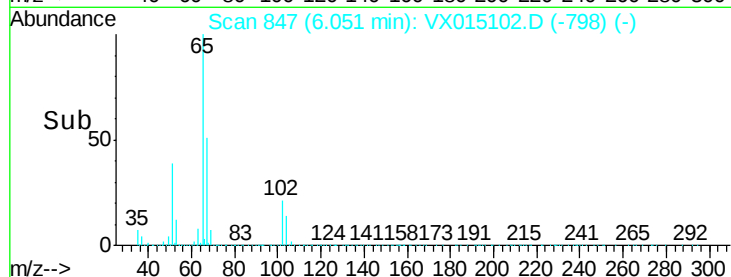
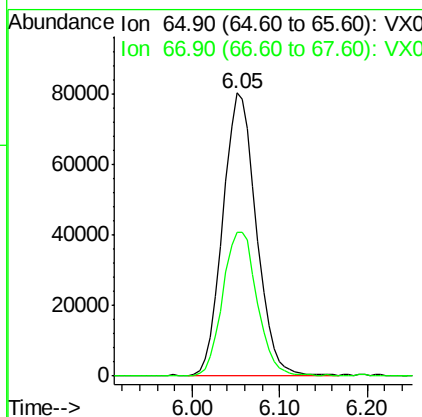
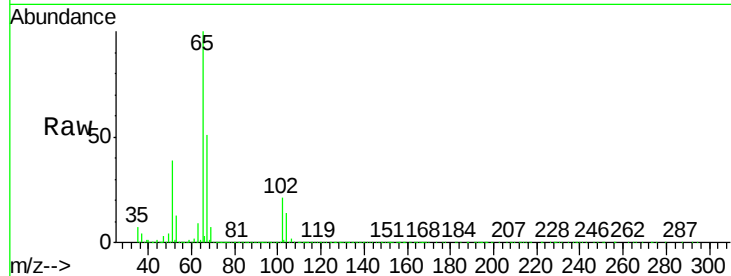
#33
 1,2-Dichloroethane-d4
 Concen: 49.735 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	211951		
67	53.0	0.0	105.6	

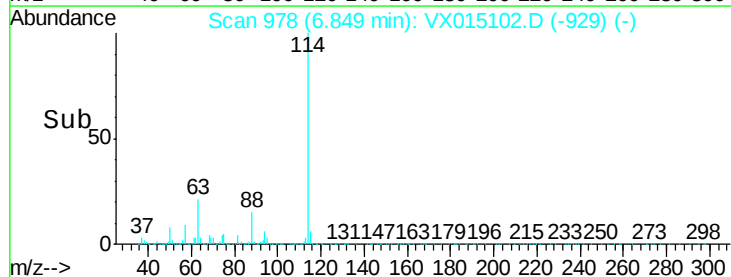
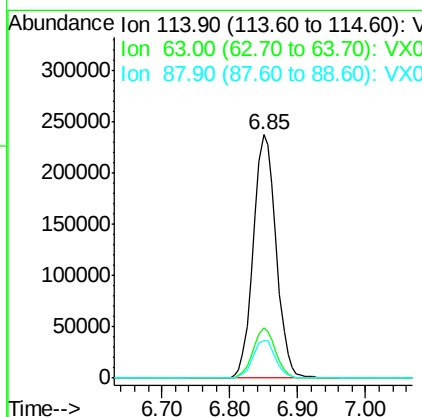
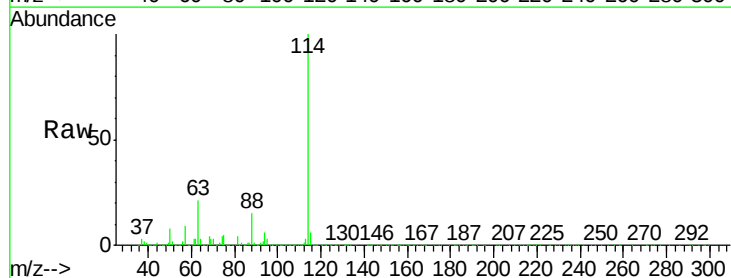
Manual Integrations
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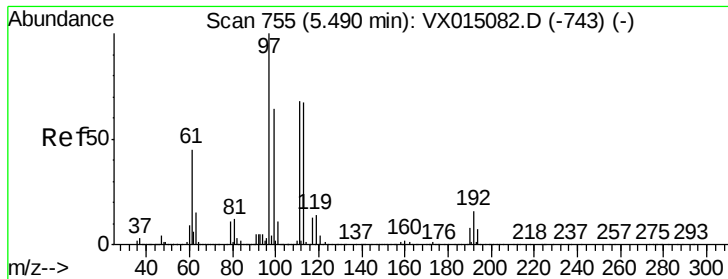
MMDadoda
 3/10/2020 4:19:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	555609		
63	20.5	0.0	40.0	
88	15.3	0.0	30.6	





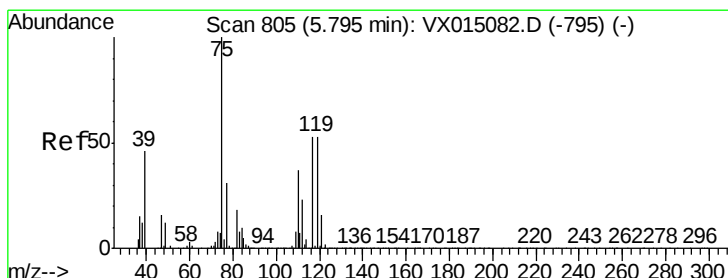
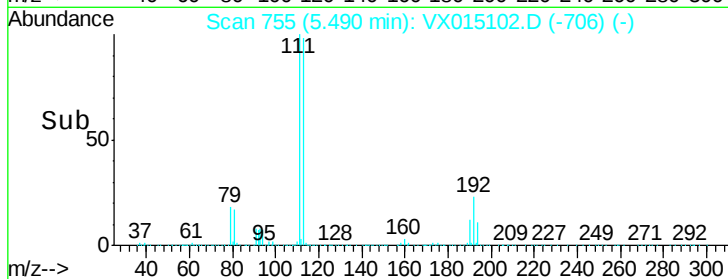
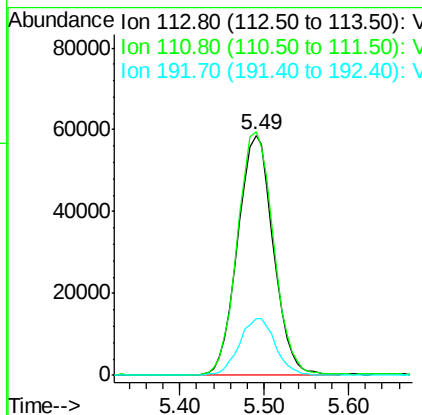
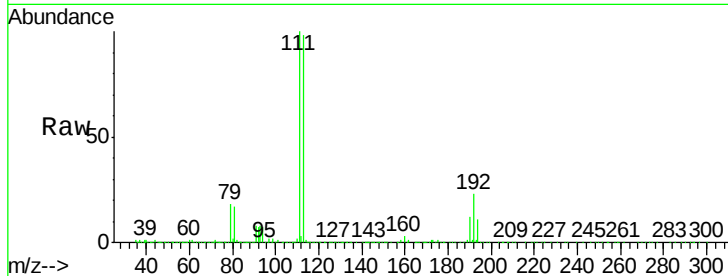
#35
 Dibromofluoromethane
 Concen: 47.704 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167212		
111	103.1	82.6	123.8	
192	23.9	18.6	28.0	

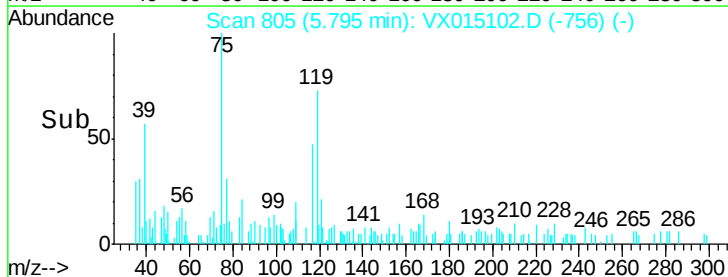
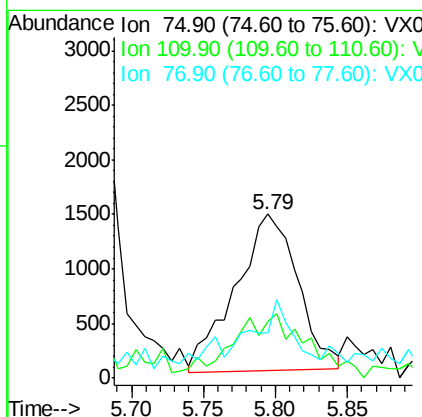
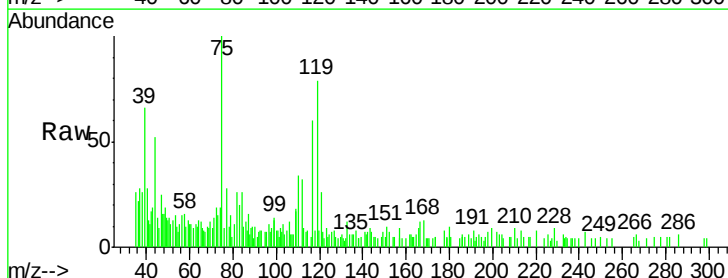
Manual Integrations
 APPROVED

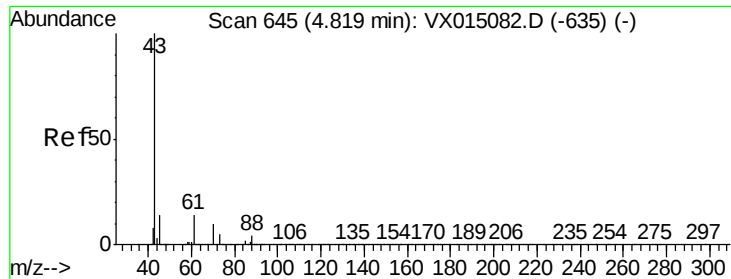
MMDadoda
 3/10/2020 4:19:10 PM



#36
 1,1-Dichloropropene
 Concen: 0.842 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	4326		
110	16.6	17.9	53.8#	
77	23.0	24.8	37.2#	





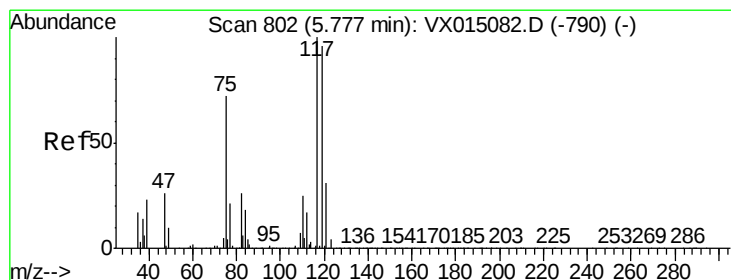
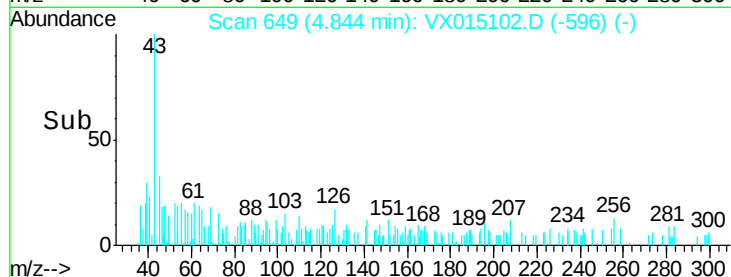
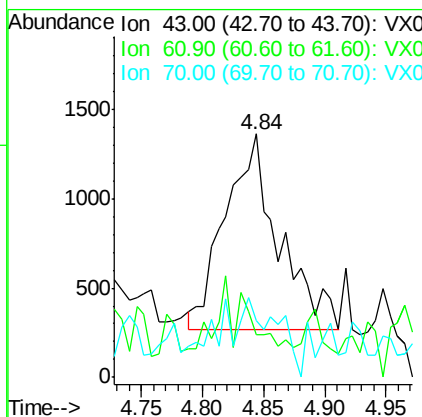
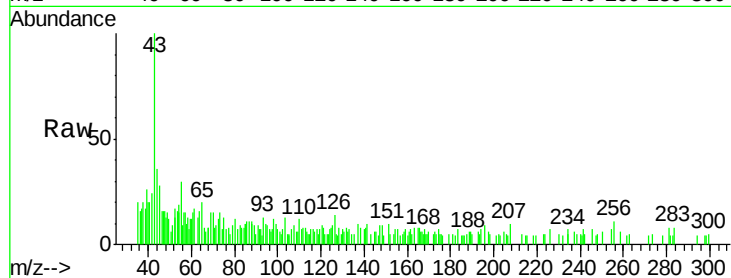
#37
Ethyl Acetate
Concen: 0.698 ug/l
RT: 4.84 min Scan# 649
Delta R.T. 0.02 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	7.0	8.1	12.1#

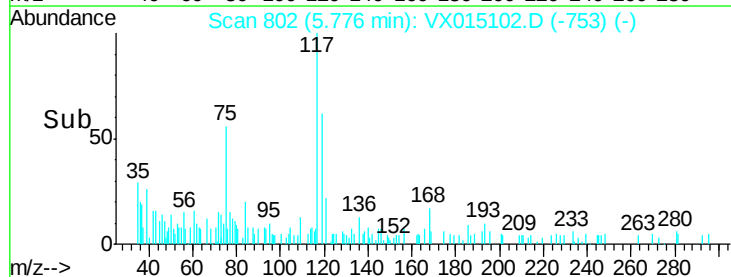
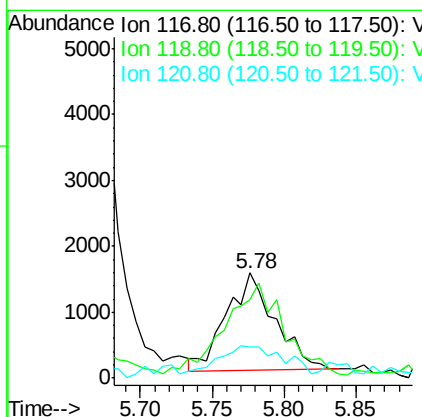
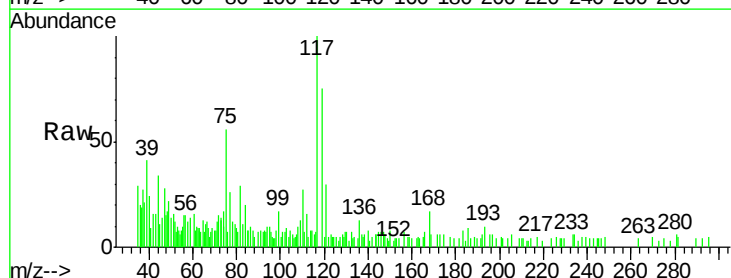
Manual Integrations
APPROVED

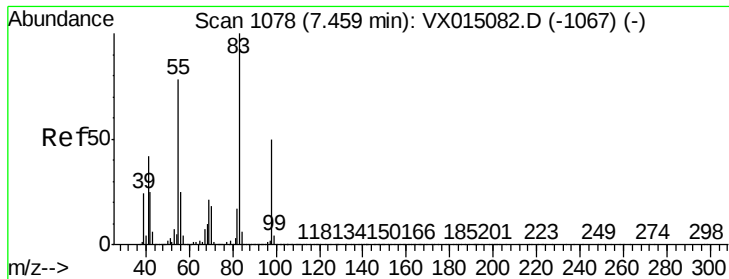
MMDadoda
3/10/2020 4:19:10 PM



#38
Carbon Tetrachloride
Concen: 0.716 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	78.3	76.9	115.3
121	19.2	24.6	37.0#





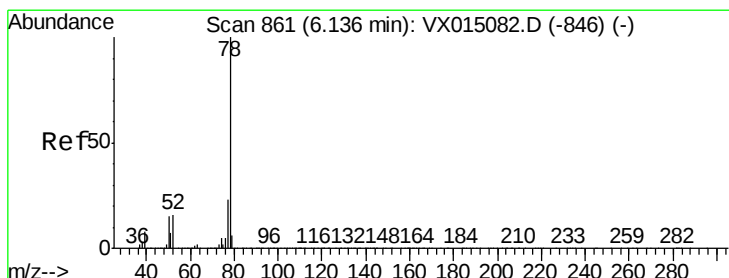
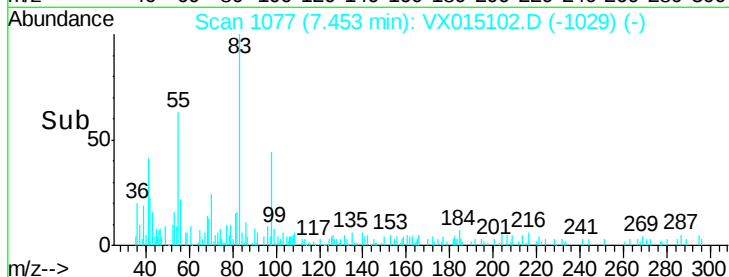
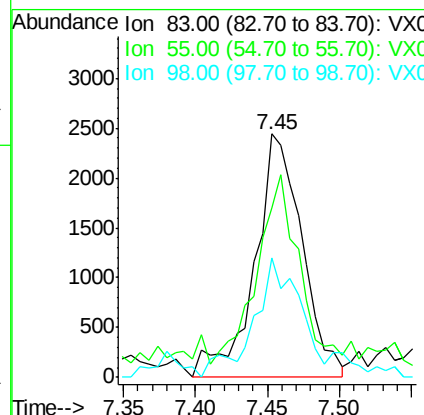
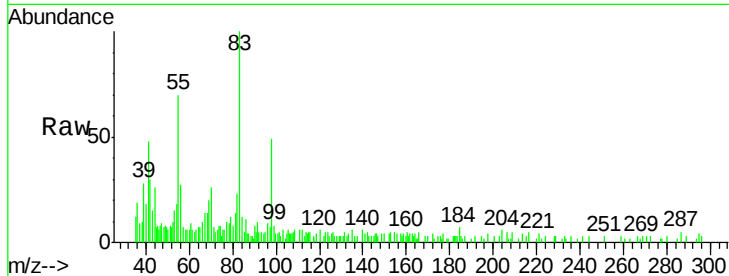
#39
Methvlcvclohexane
Concen: 0.926 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.1	62.4	93.6#
98	44.6	39.7	59.5

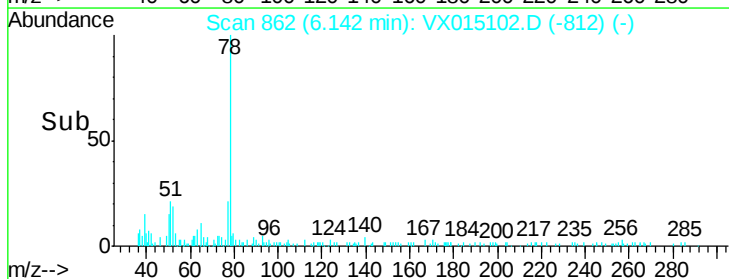
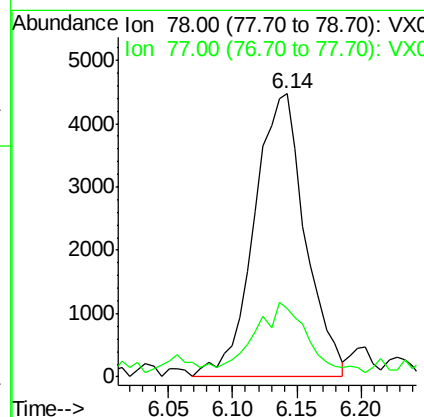
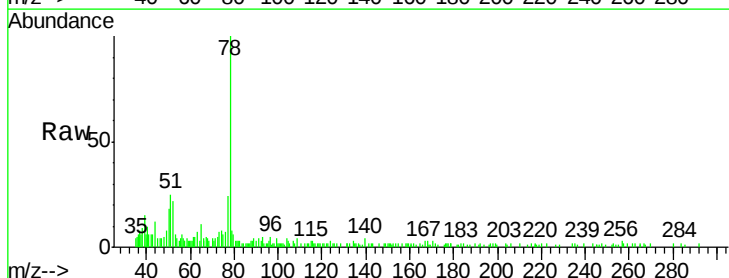
Manual Integrations
APPROVED

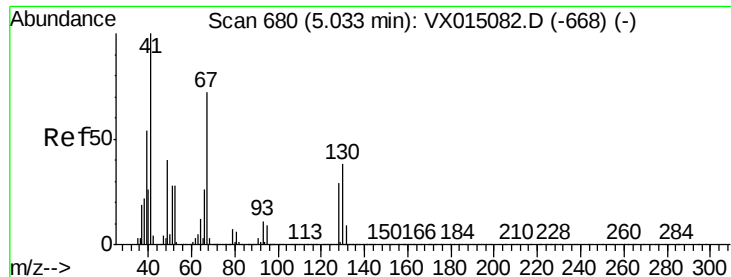
MMDadoda
3/10/2020 4:19:10 PM



#40
Benzene
Concen: 0.807 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.6	28.0





#41

Methacrylonitrile

Concen: 0.522 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

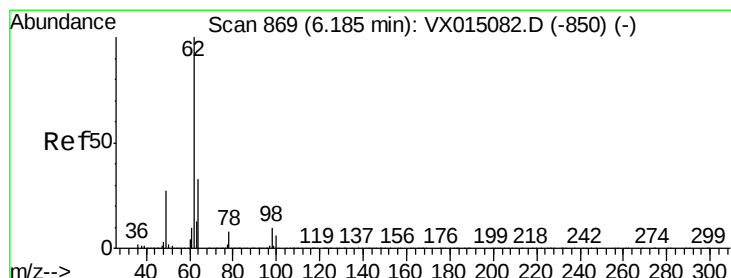
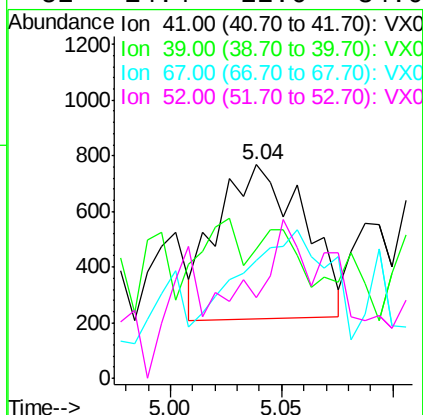
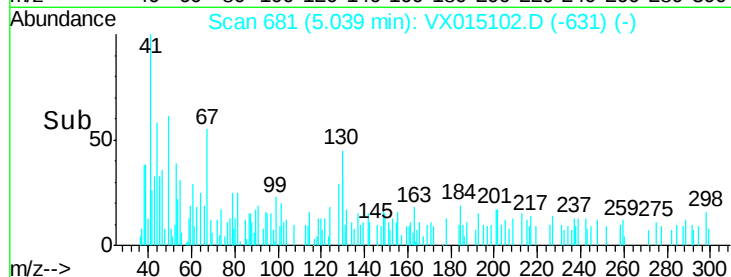
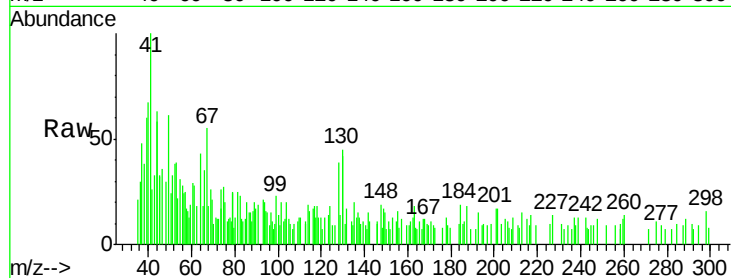
ClientSampleId :

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

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	0.0	43.9	65.9#	
67	68.4	57.8	86.8	
52	14.4	22.6	34.0#	

Manual Integrations
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3/10/2020 4:19:10 PM



#42

1,2-Dichloroethane

Concen: 0.946 ug/l

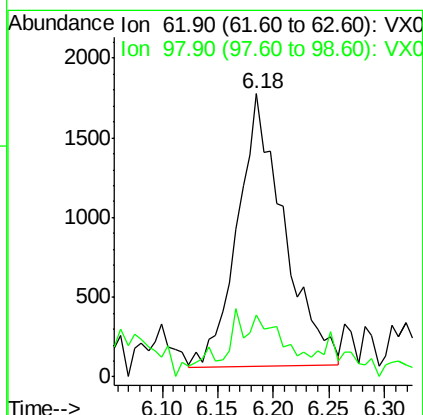
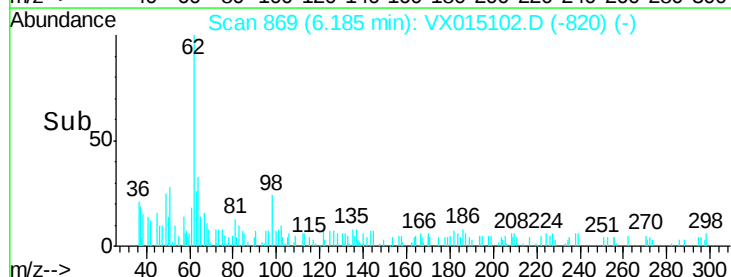
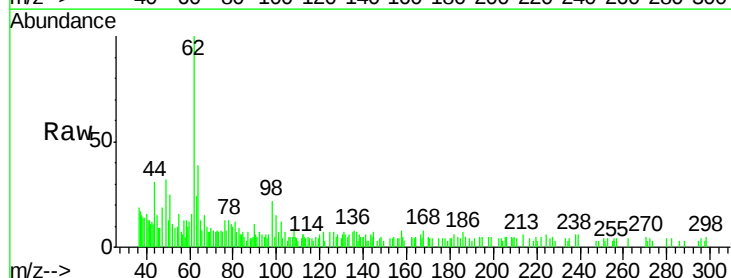
RT: 6.18 min Scan# 869

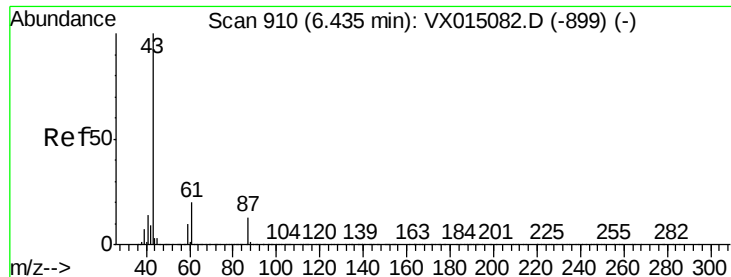
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.6	





#43

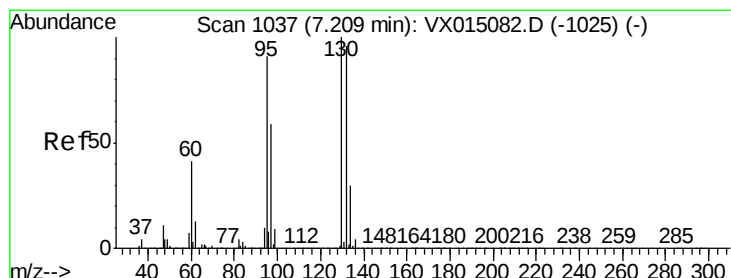
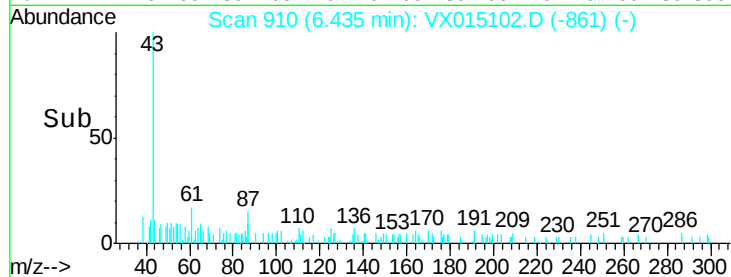
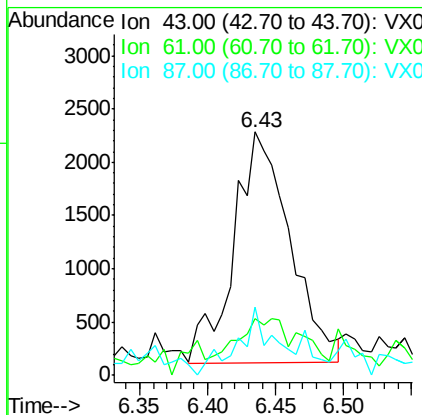
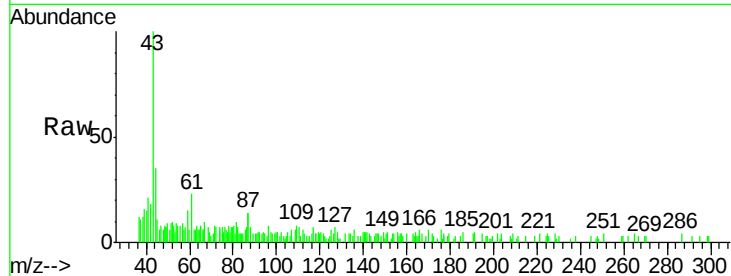
Isopropyl Acetate
 Concen: 0.749 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	16.1	24.1
87	19.5	10.6	16.0

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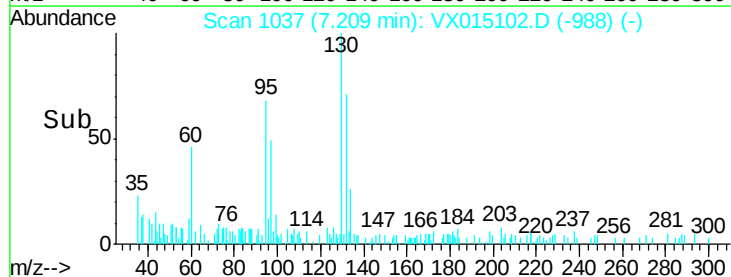
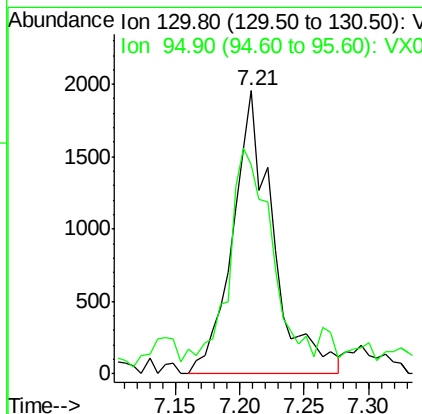
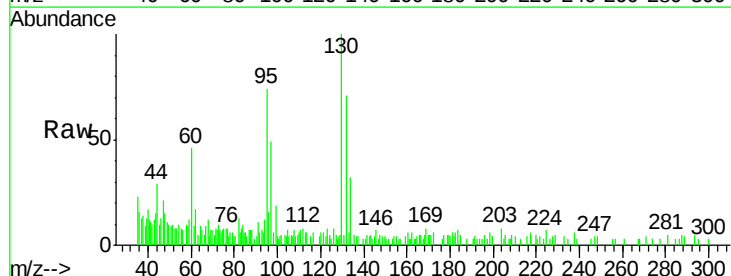
MMDadoda
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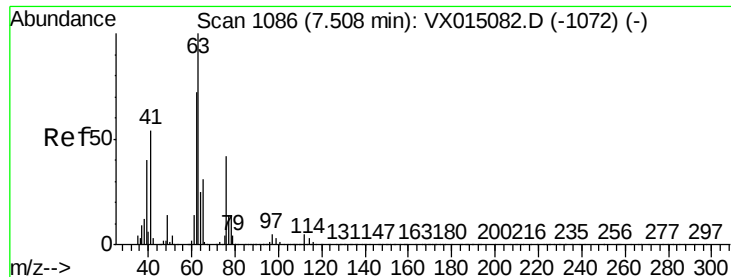


#44

Trichloroethene
 Concen: 1.006 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	68.6	0.0	181.2





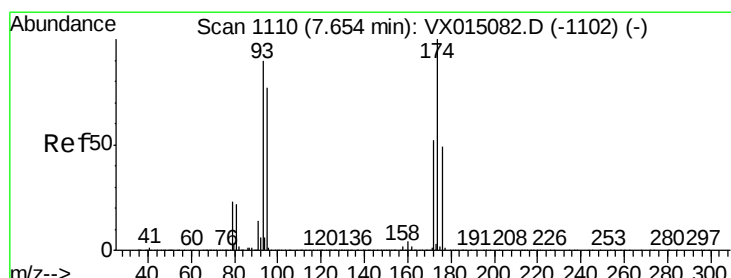
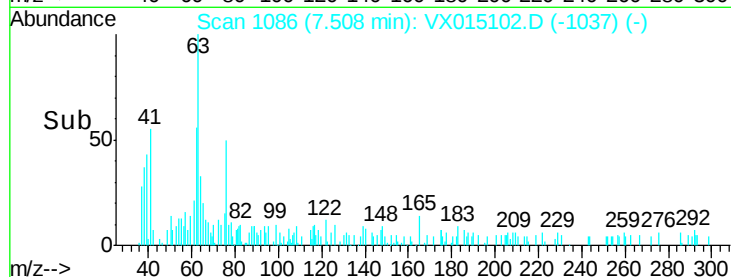
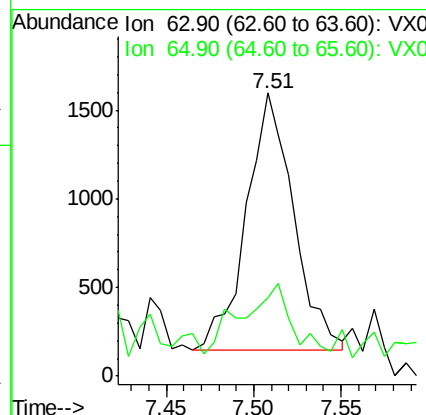
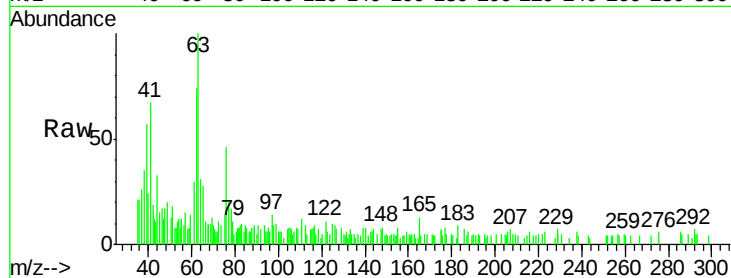
#45
 1,2-Dichloropropane
 Concen: 0.693 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	13.6	24.6	36.8#

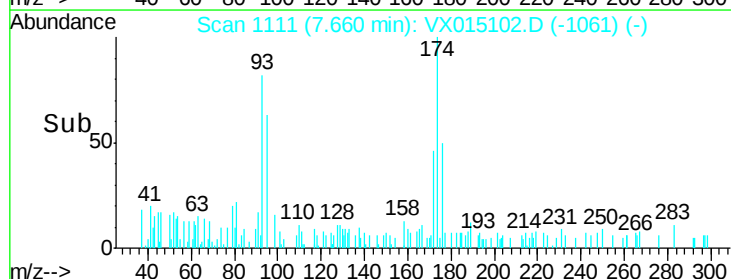
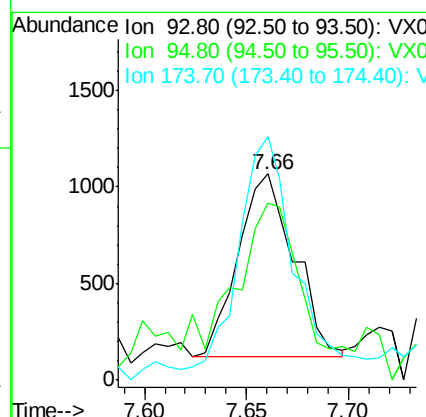
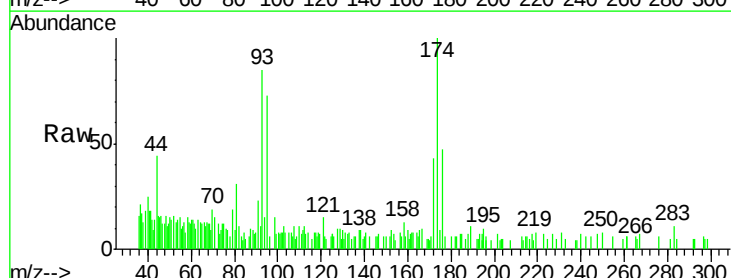
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#46
 Dibromomethane
 Concen: 0.700 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	119.3	67.8	101.8#
174	132.6	91.0	136.4





#47

Bromodichloromethane

Concen: 0.665 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

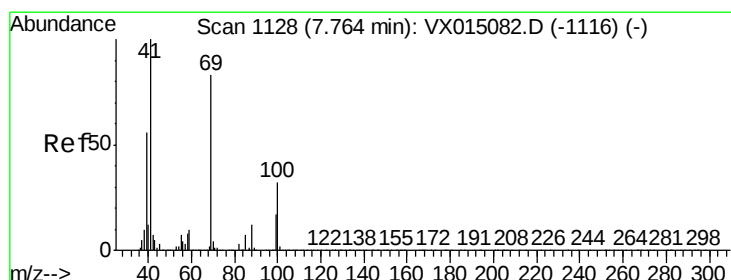
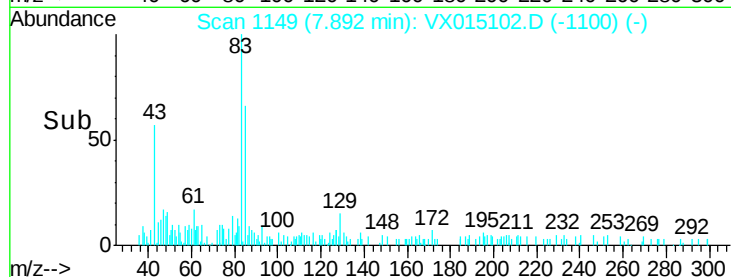
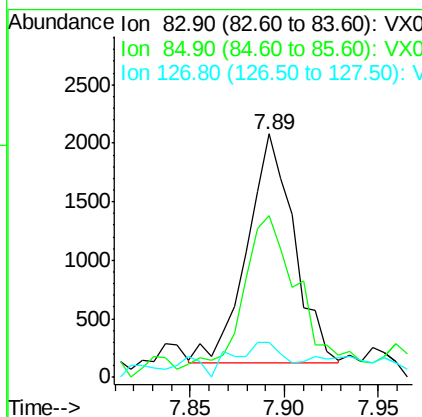
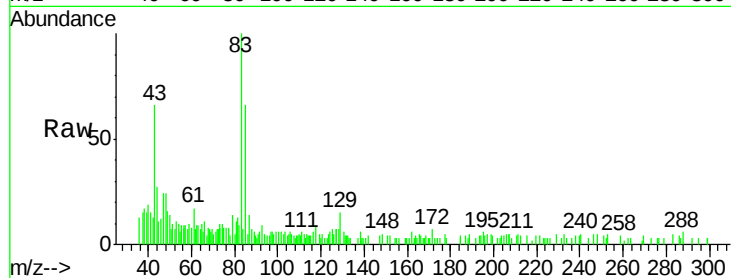
ClientSampleId :

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

Tot Ion:	83	Resp:	3380
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	75.8
127	6.4	7.1	10.7#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.501 ug/l

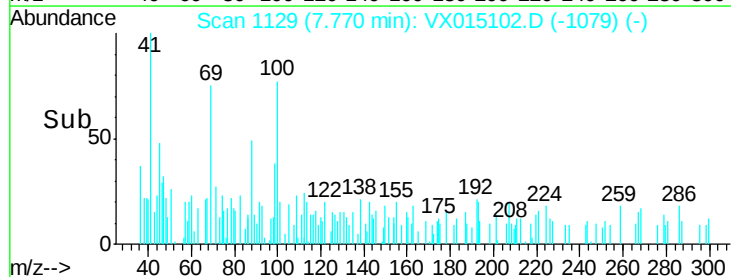
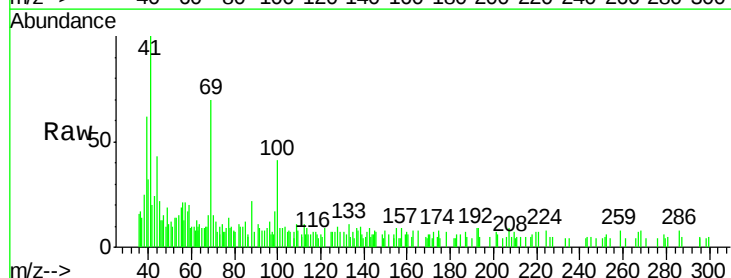
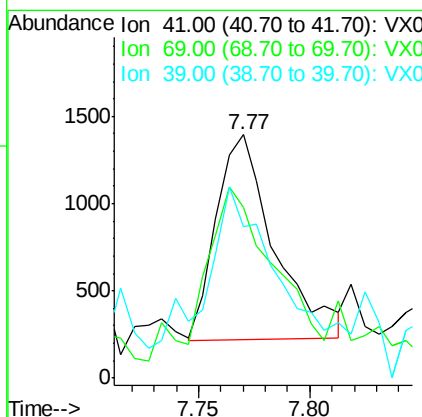
RT: 7.77 min Scan# 1129

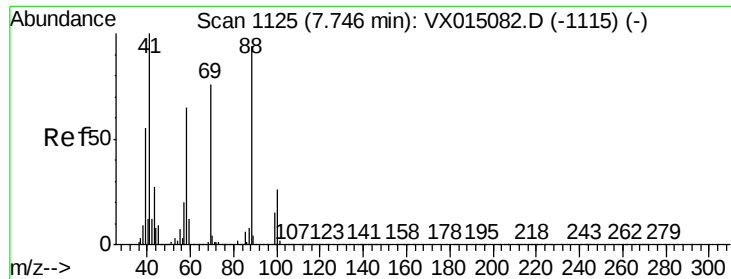
Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	41	Resp:	2136
Ion	Ratio	Lower	Upper
41	100		
69	101.7	65.4	98.2#
39	84.4	44.6	67.0#





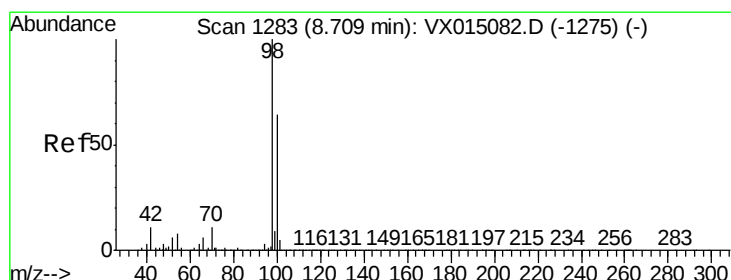
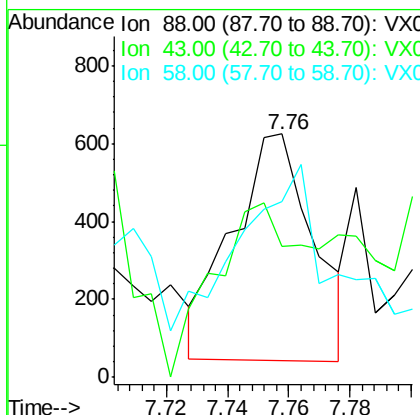
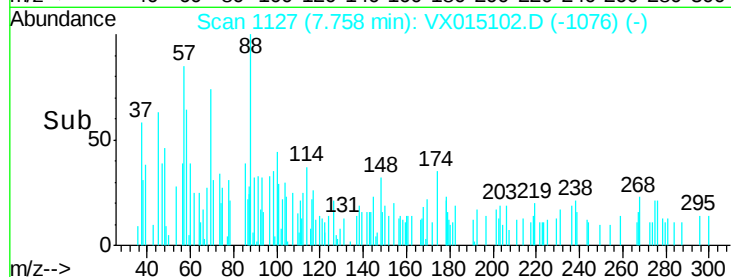
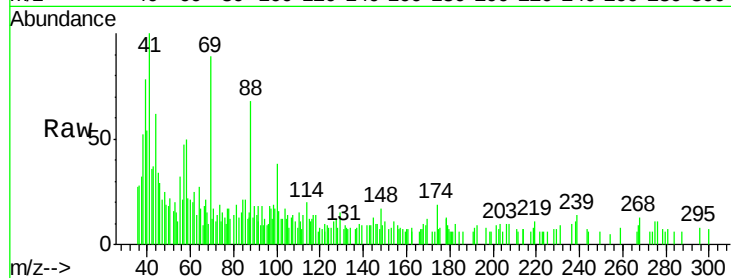
#49
1,4-Dioxane
Concen: 11.579 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	88.6	27.0	40.4#
58	54.5	55.6	83.4#

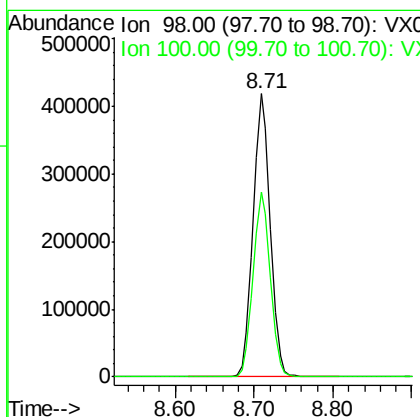
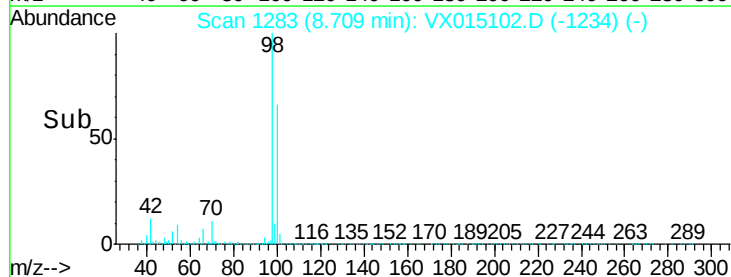
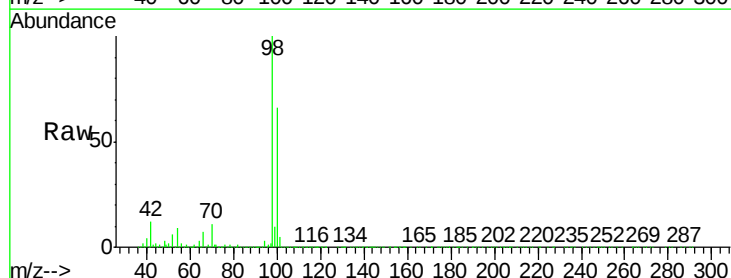
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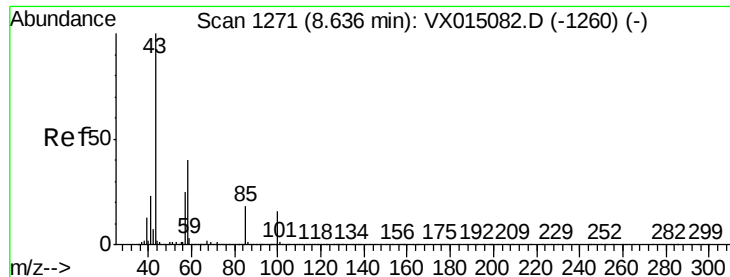
MMDadoda
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#50
Toluene-d8
Concen: 47.685 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 3.461 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

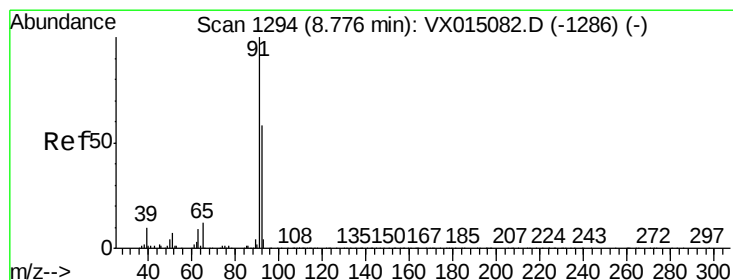
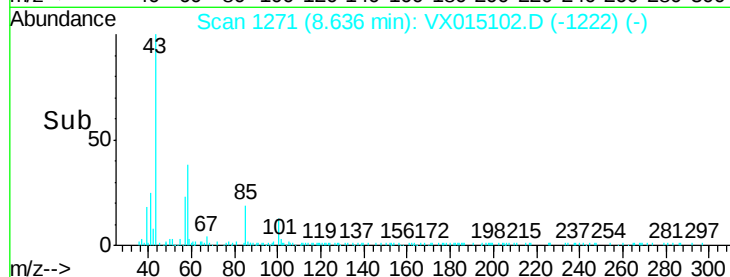
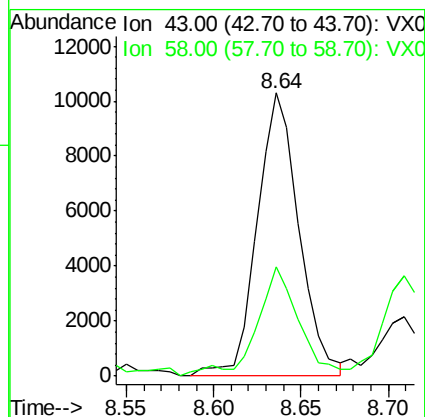
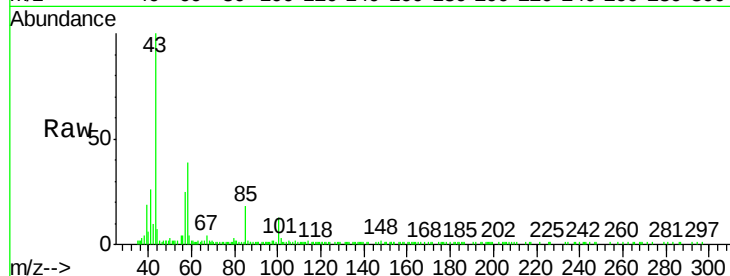
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.6	47.4

Manual Integrations
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#52

Toluene

Concen: 0.809 ug/l

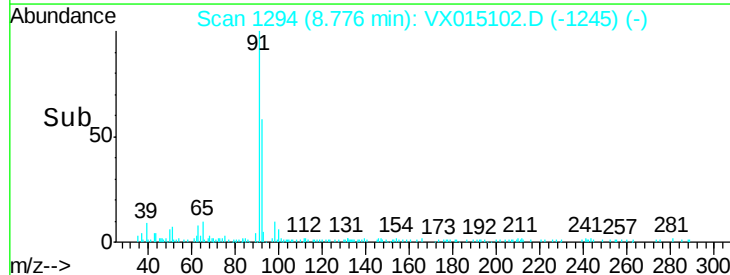
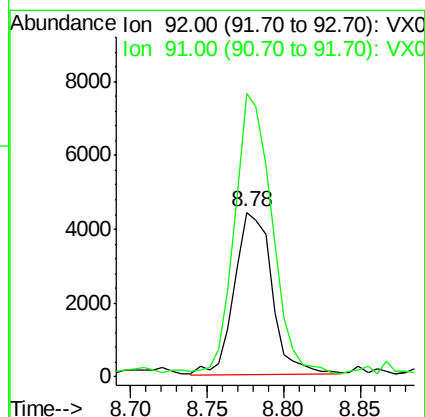
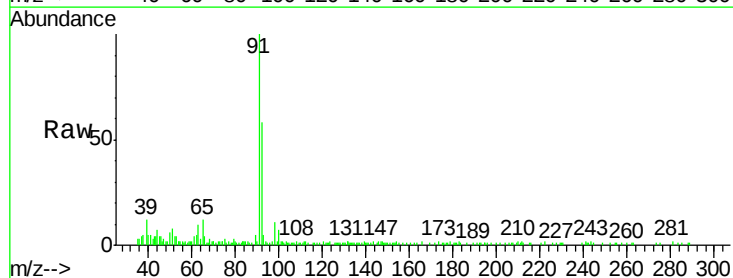
RT: 8.78 min Scan# 1294

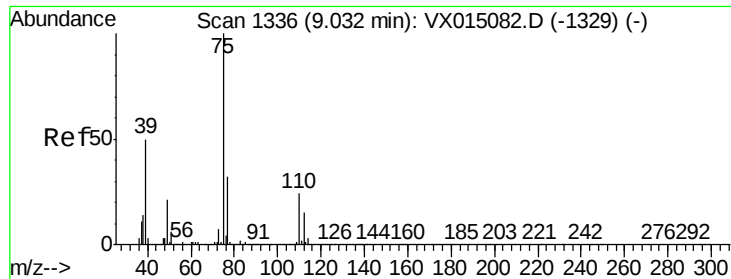
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.9	136.9	205.3





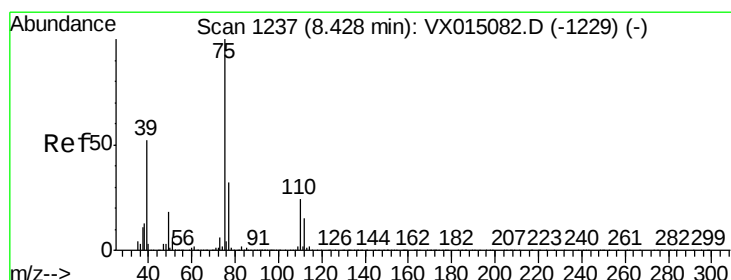
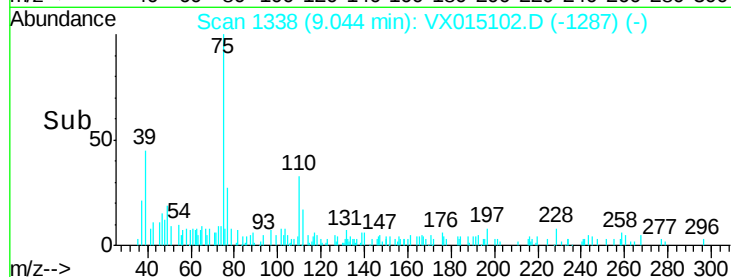
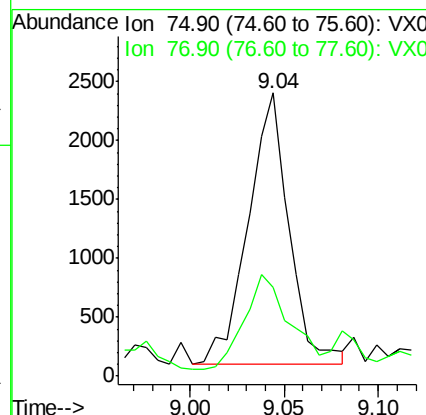
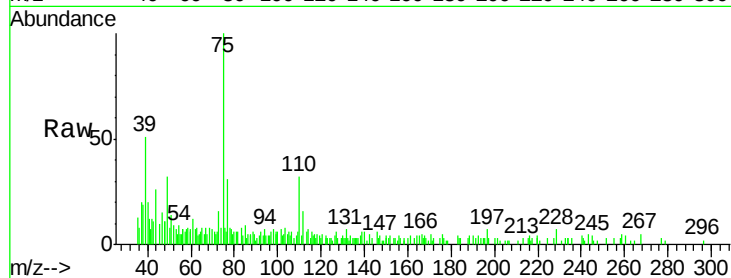
#53
t-1,3-Dichloropropene
Concen: 0.636 ug/l
RT: 9.04 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0

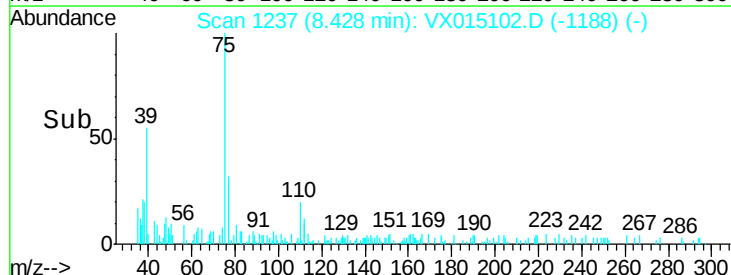
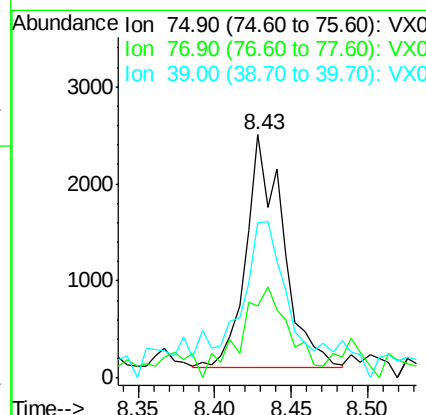
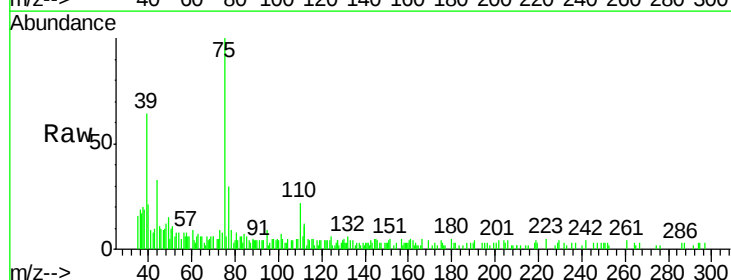
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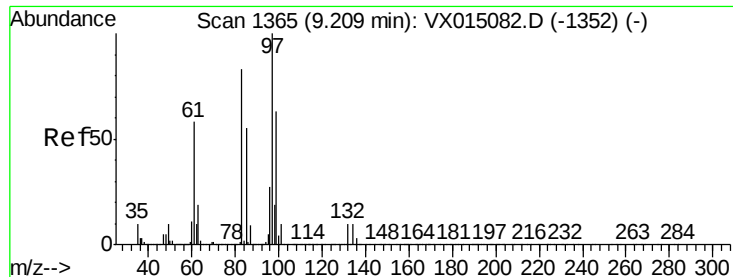
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#54
cis-1,3-Dichloropropene
Concen: 0.656 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	22.4	25.8	38.6#
39	57.8	41.3	61.9





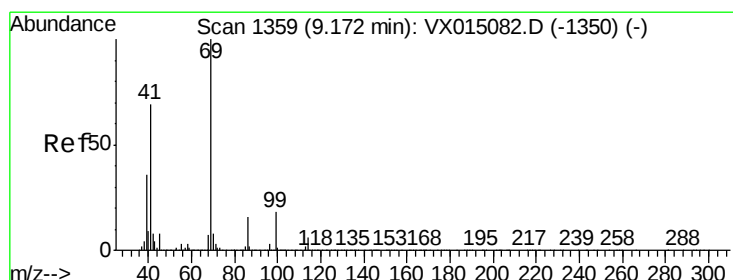
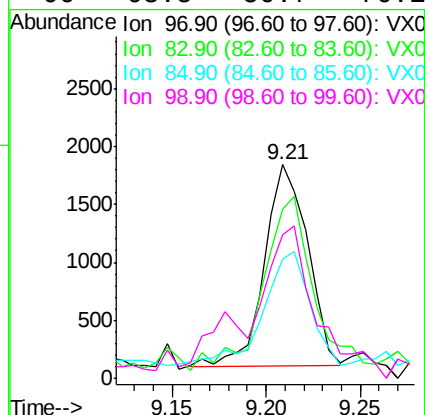
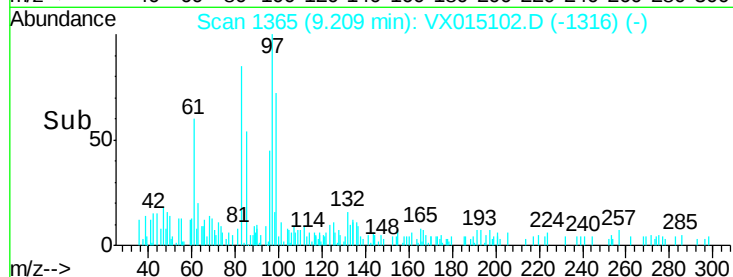
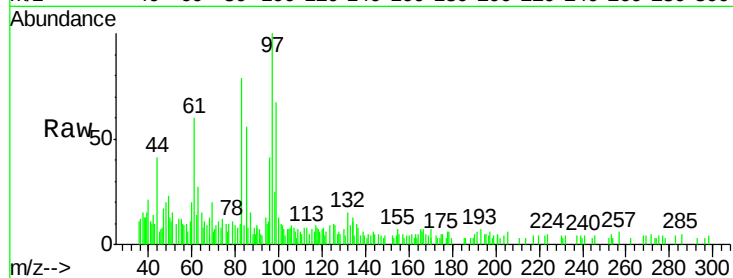
#55
 1,1,2-Trichloroethane
 Concen: 0.720 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		2760		
83	74.4	66.4	99.6		
85	53.2	43.5	65.3		
99	63.5	50.7	76.1		

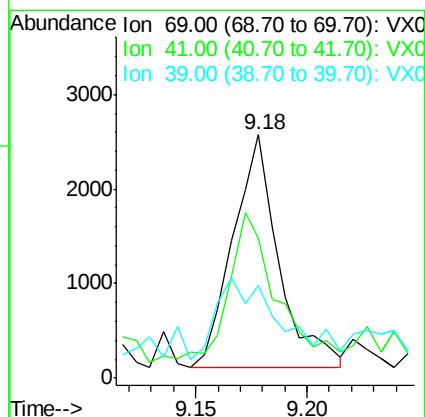
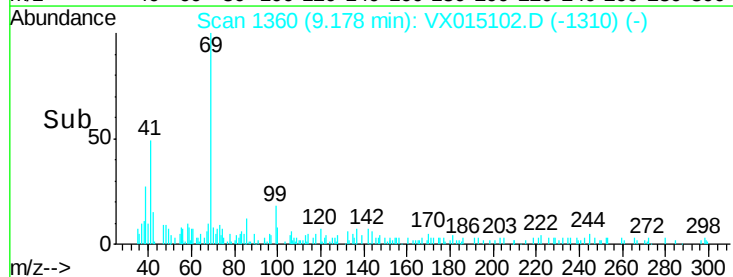
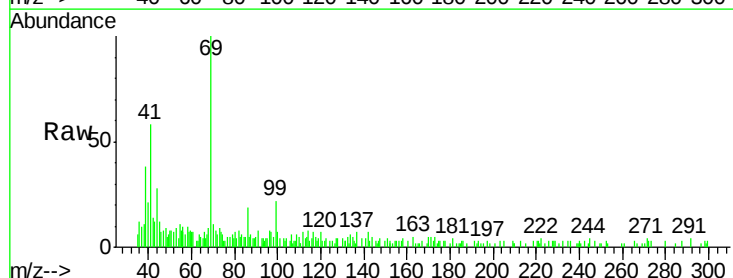
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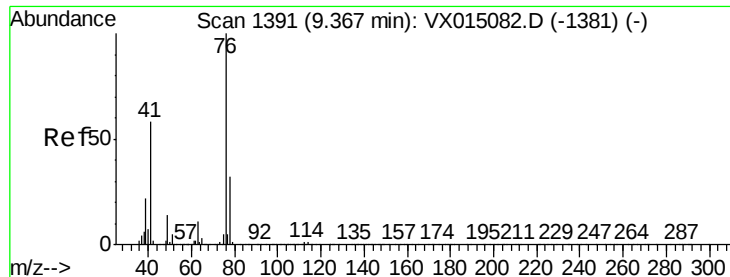
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#56
 Ethyl methacrylate
 Concen: 0.649 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		3551		
41	65.6	55.8	83.8		
39	58.1	29.4	44.2#		





#57

1,3-Dichloropropane

Concen: 0.818 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 76 Resp: 5276

Ion Ratio Lower Upper

76 100

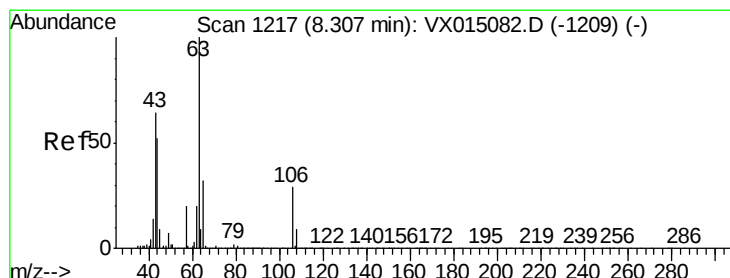
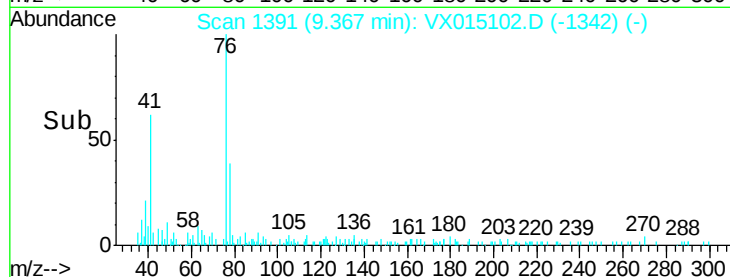
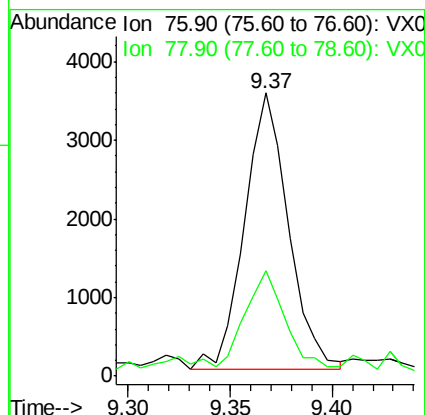
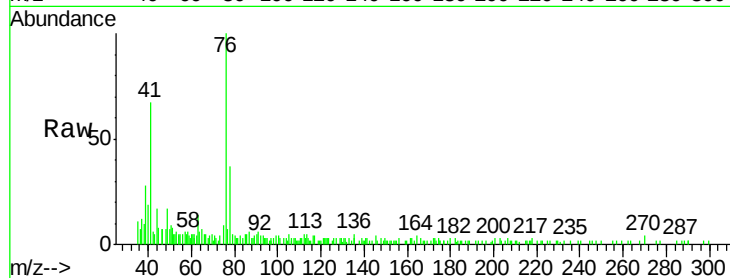
78 32.8 25.6 38.4

Manual Integrations

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3/10/2020 4:19:10 PM



#58

2-Chloroethyl Vinyl ether

Concen: 3.045 ug/l

RT: 8.31 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VX015102.D

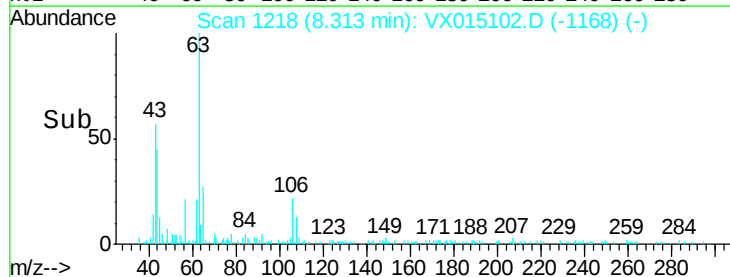
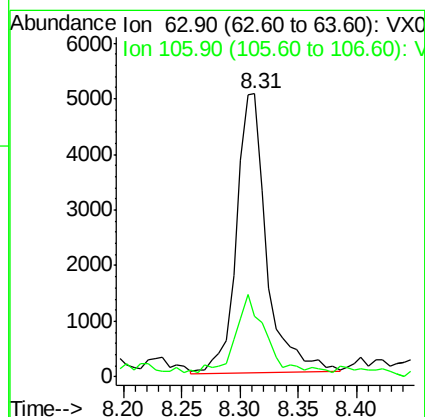
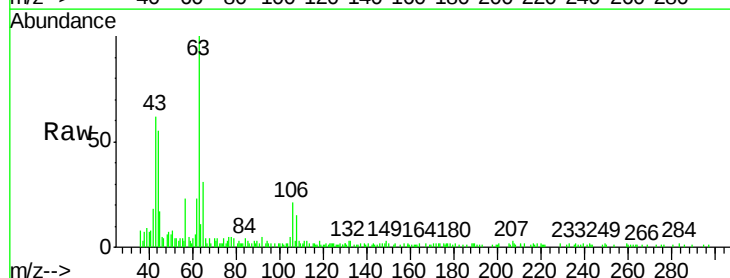
Acq: 05 Mar 2020 11:25

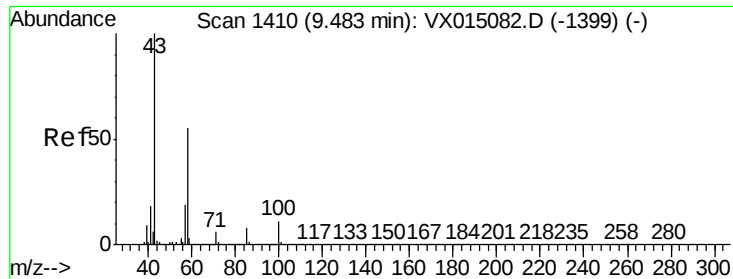
Tgt Ion: 63 Resp: 9073

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2





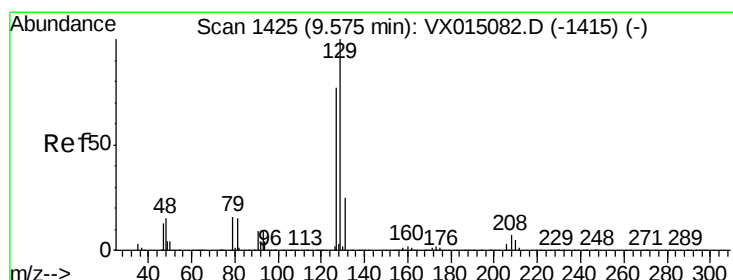
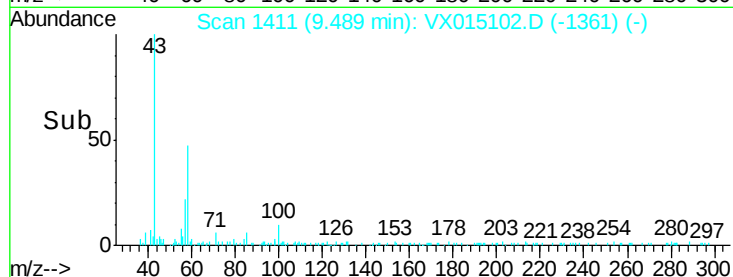
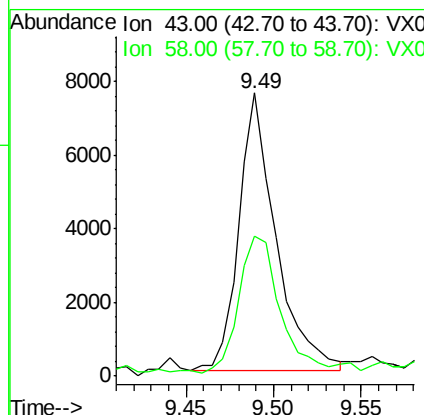
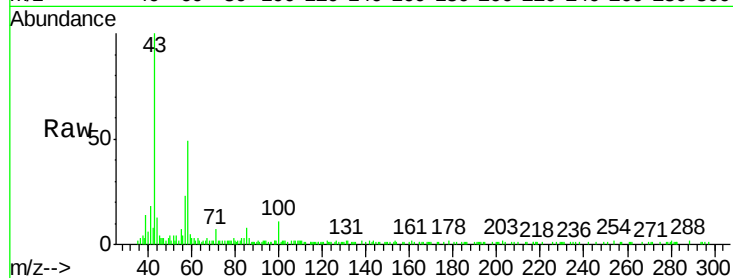
#59
2-Hexanone
Concen: 3.029 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion: 43 Resp: 11126
Ion Ratio Lower Upper
43 100
58 56.9 27.3 81.8

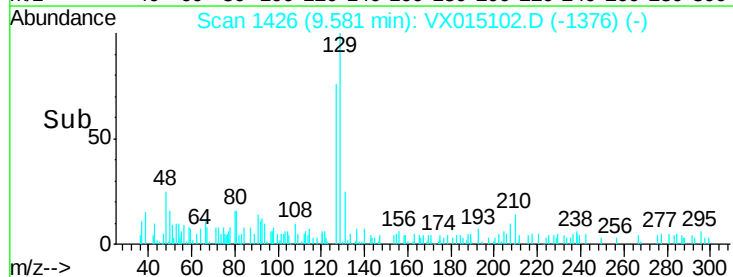
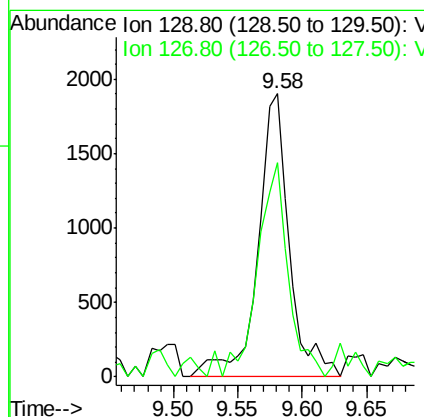
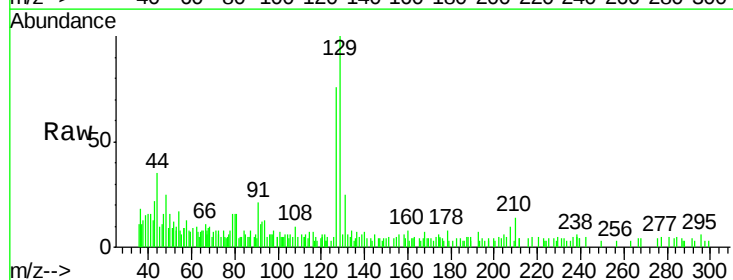
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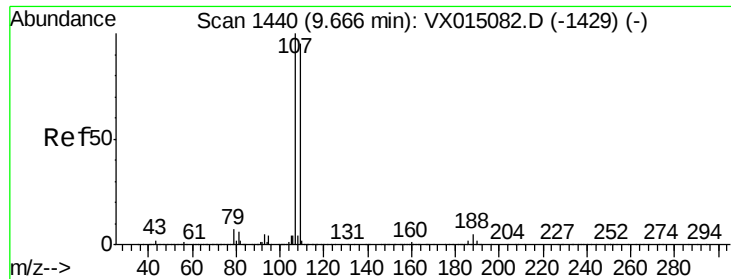
MMDadoda
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#60
Dibromochloromethane
Concen: 0.794 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 129 Resp: 3197
Ion Ratio Lower Upper
129 100
127 73.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 0.826 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 107 Resp: 3328

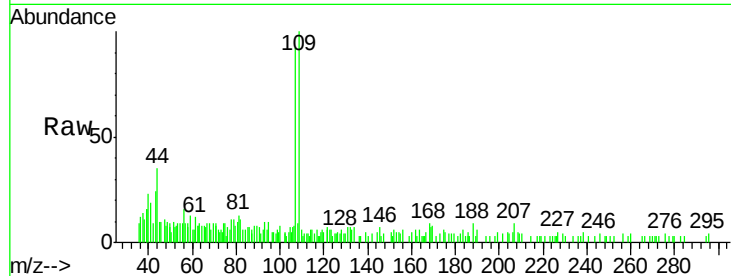
Ion Ratio Lower Upper

107 100

109 78.1 75.6 113.4

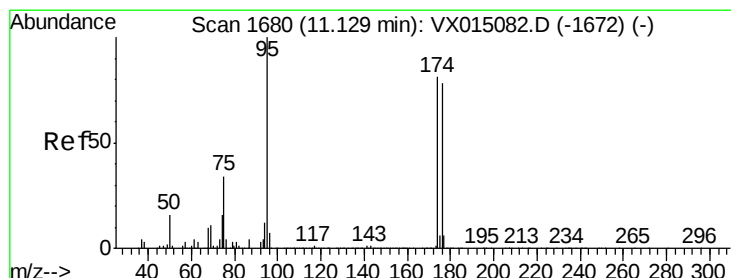
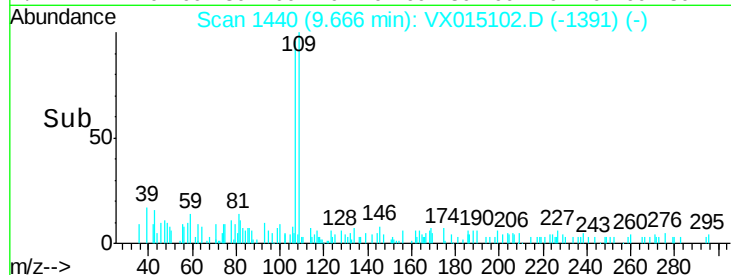
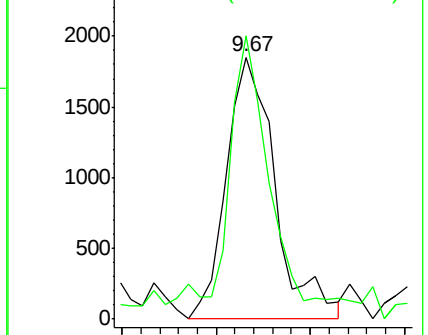
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.345 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

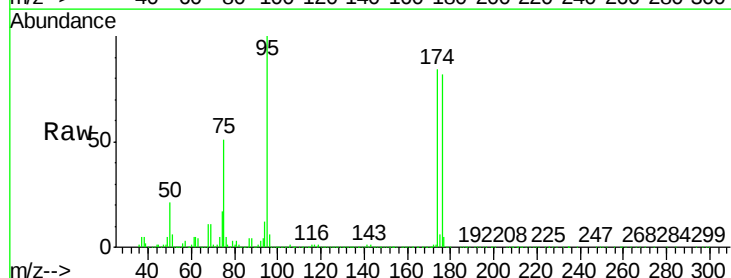
Tgt Ion: 95 Resp: 215650

Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.6

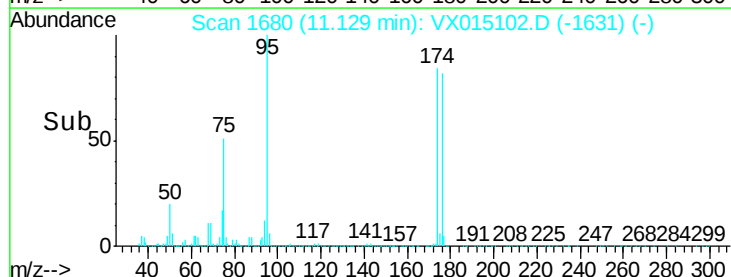
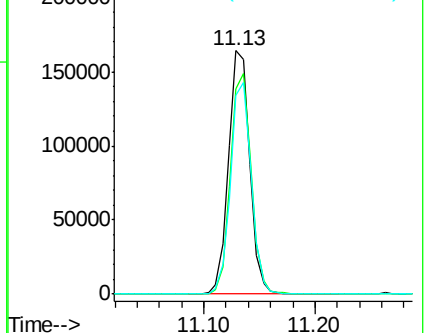
176 85.8 0.0 170.2

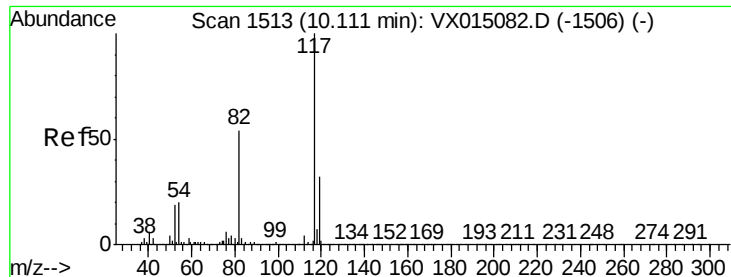


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





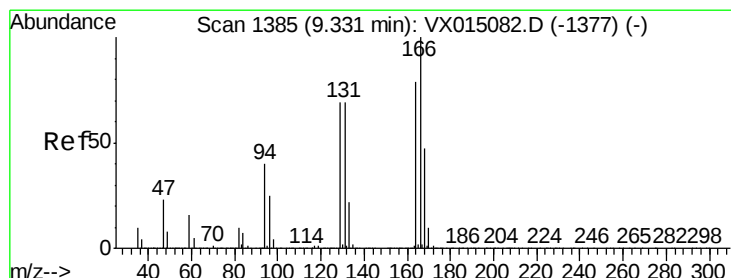
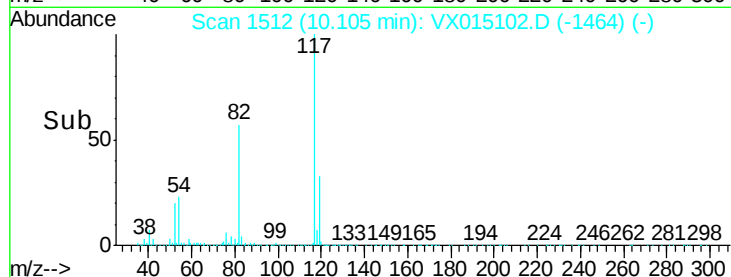
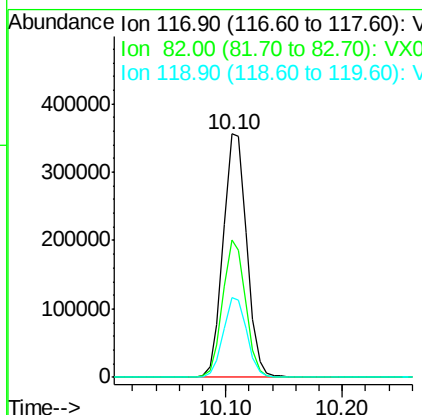
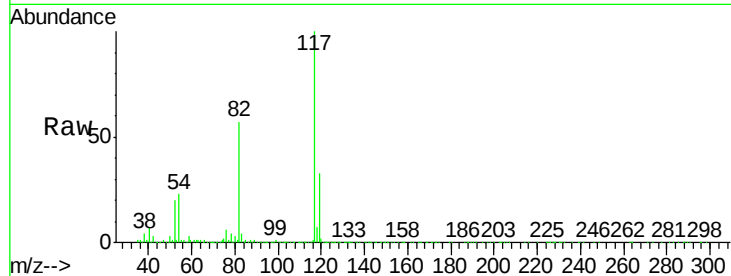
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.3	64.9
119	32.5	25.8	38.8

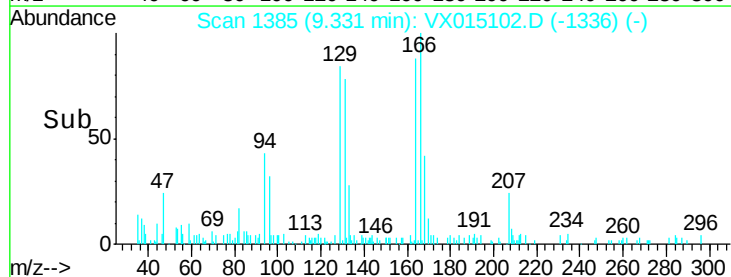
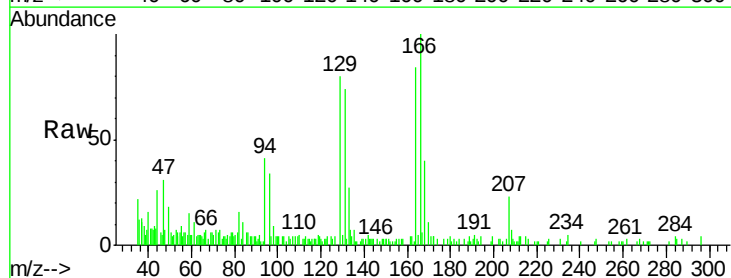
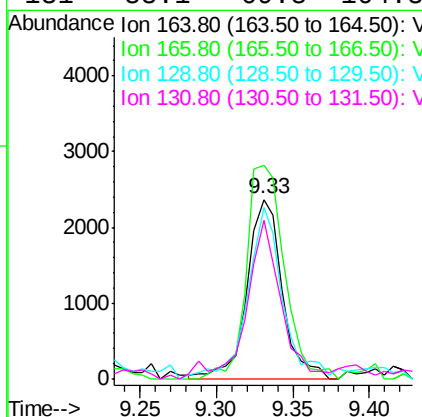
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#64
Tetrachloroethene
Concen: 0.923 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	101.1	151.7
129	95.6	69.4	104.0
131	88.1	69.8	104.8





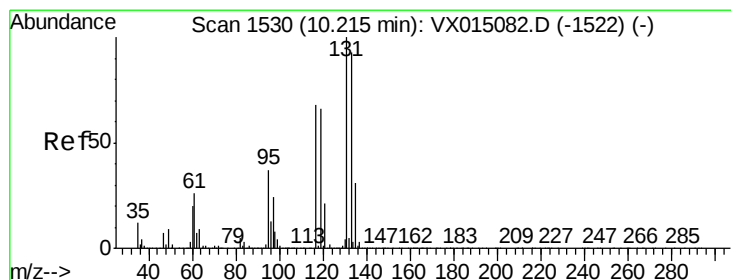
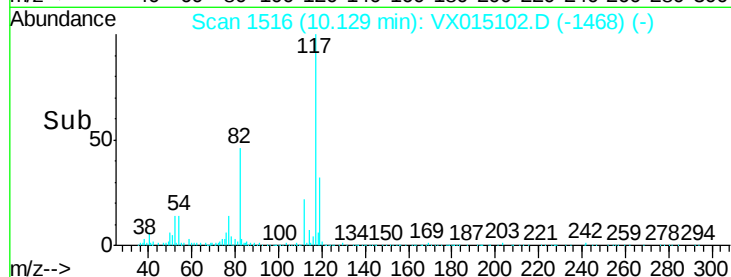
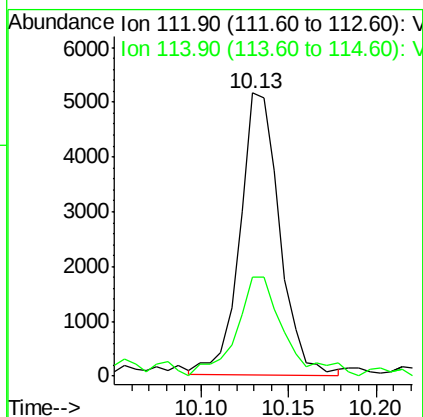
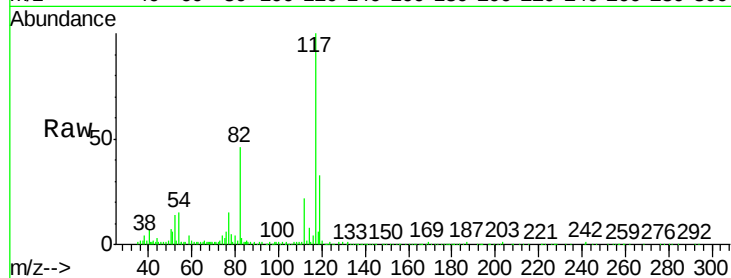
#65
Chlorobenzene
Concen: 0.810 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	35.8	25.5	38.3

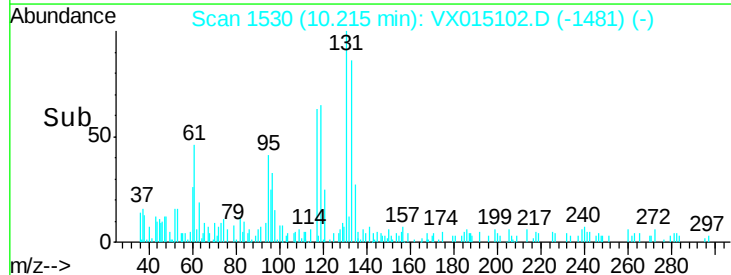
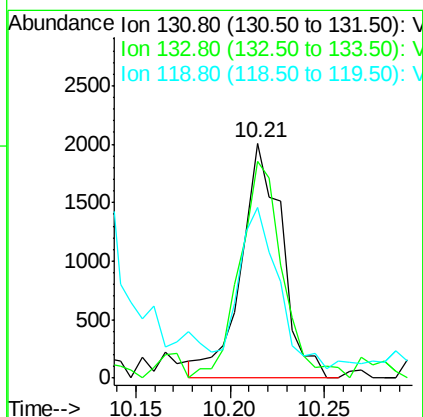
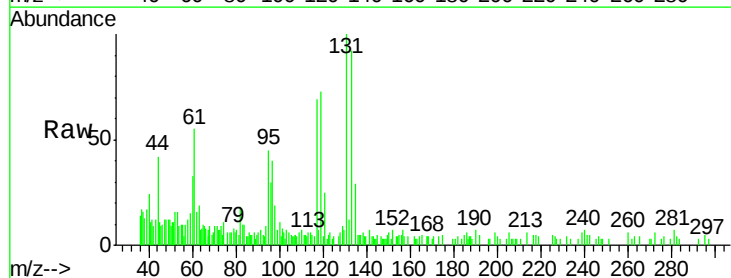
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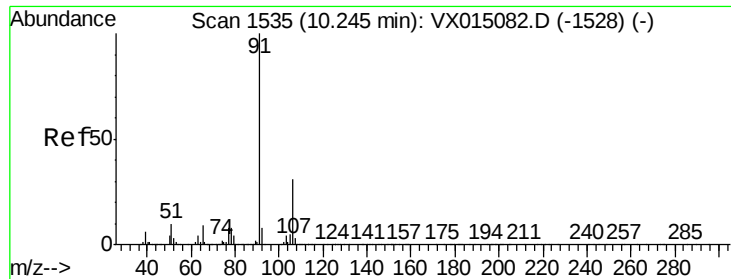
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.802 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.5	142.5
119	0.0	33.4	100.1#





#67

Ethyl Benzene

Concen: 0.762 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 91 Resp: 12948

Ion Ratio Lower Upper

91 100

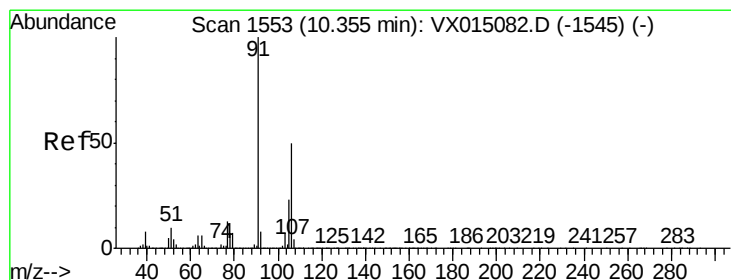
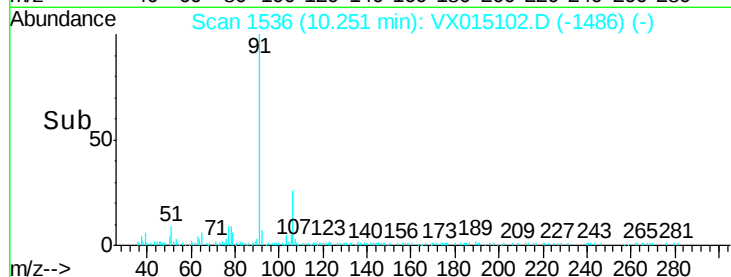
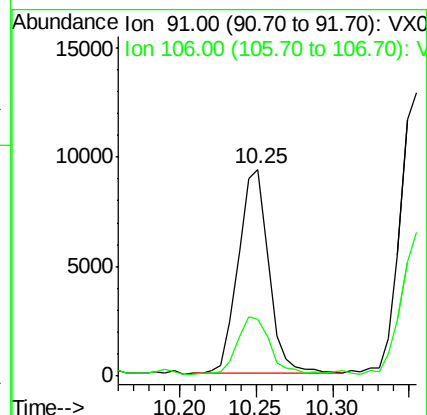
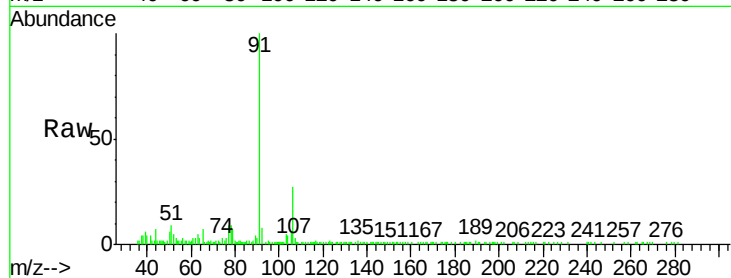
106 26.4 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 1.423 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015102.D

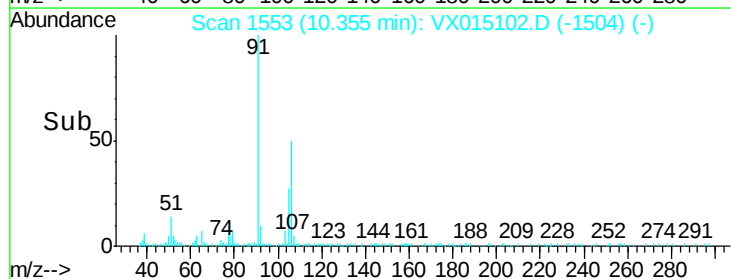
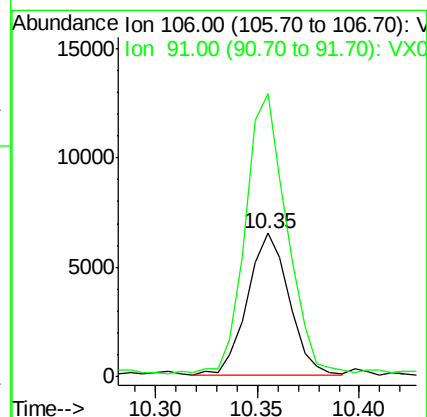
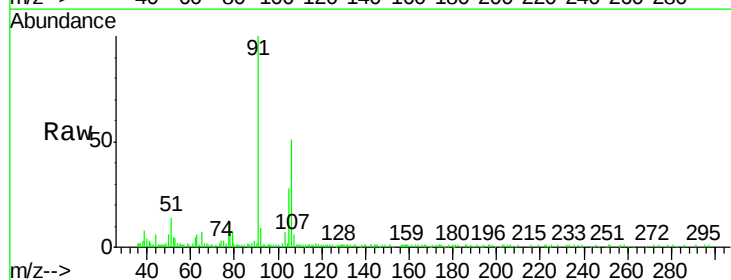
Acq: 05 Mar 2020 11:25

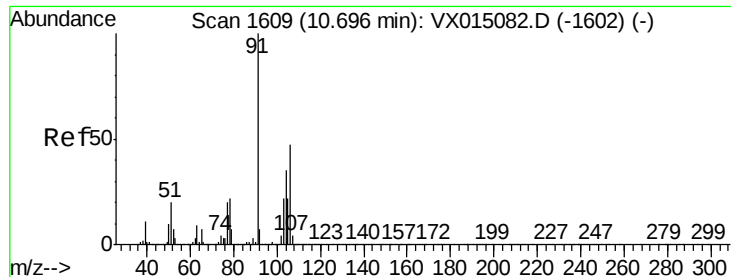
Tgt Ion: 106 Resp: 9207

Ion Ratio Lower Upper

106 100

91 197.2 159.4 239.2





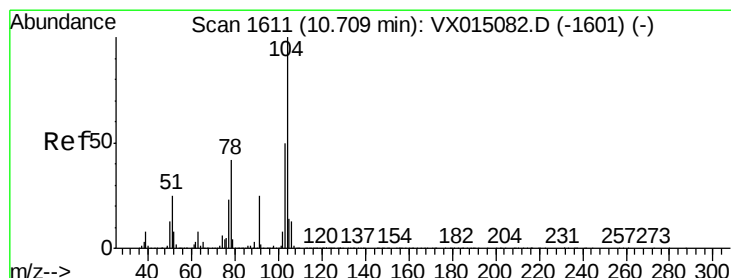
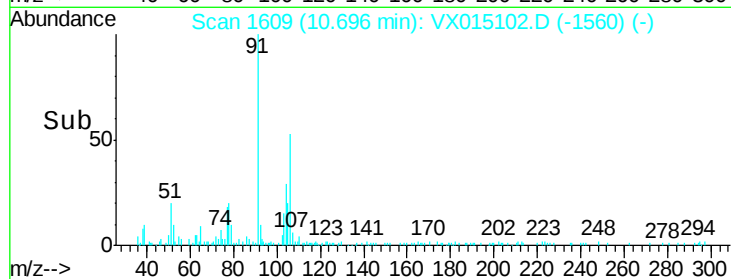
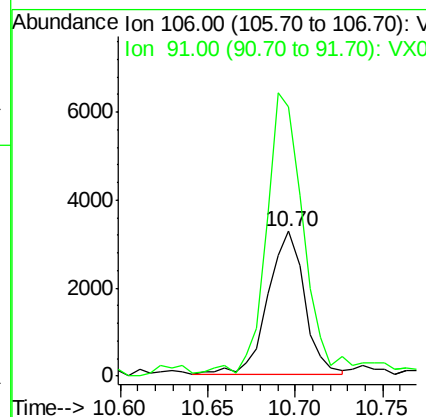
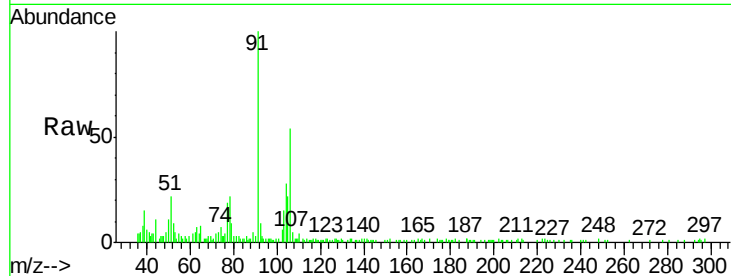
#69
o-Xylene
Concen: 0.754 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	105.4	316.1

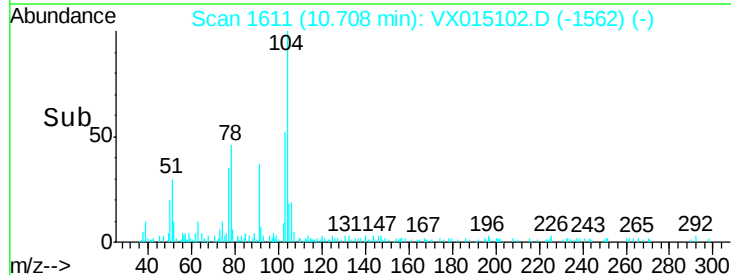
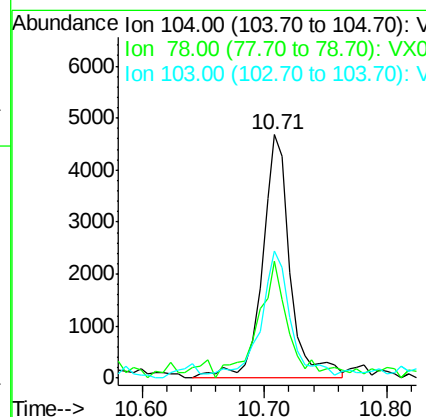
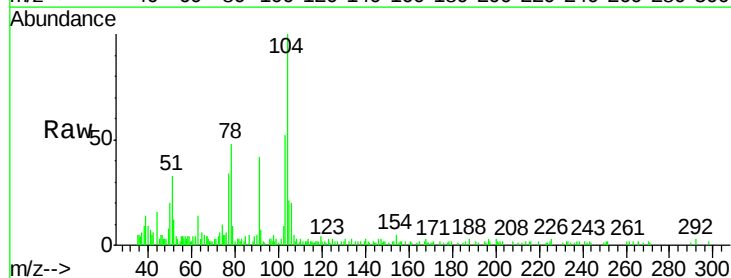
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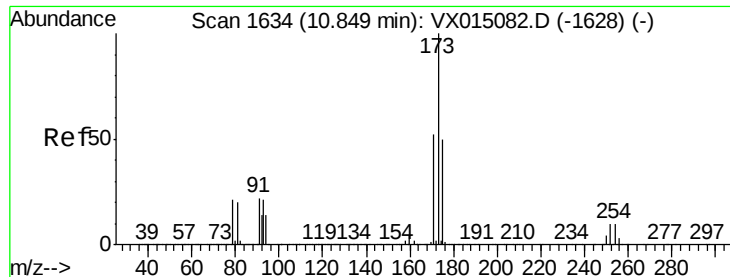
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#70
Styrene
Concen: 0.698 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	39.0	58.4
103	52.4	43.7	65.5





#71

Bromoform

Concen: 0.664 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

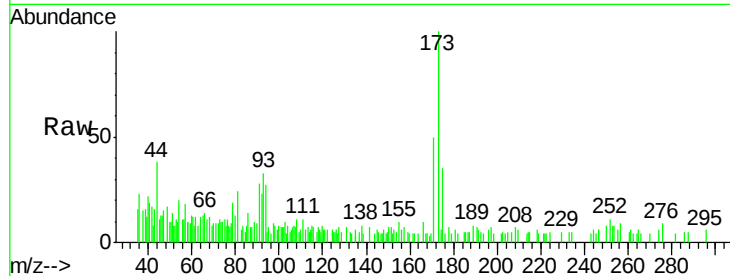
ClientSampleId :

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

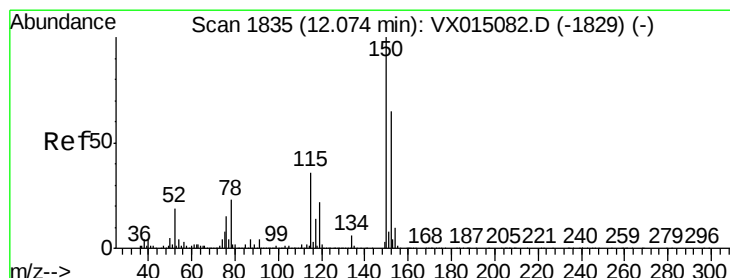
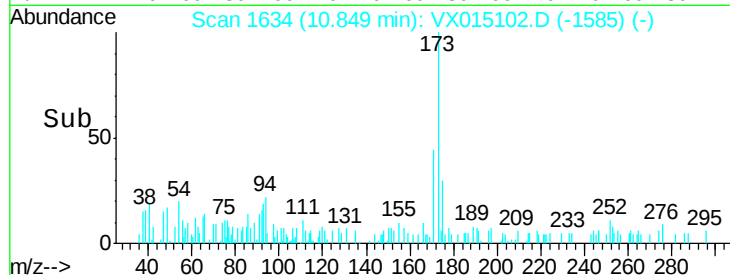
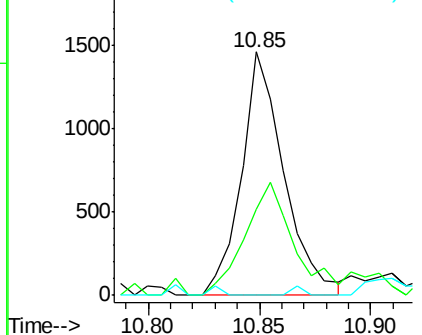
Tot Ion:	173	Resp:	1944
Ion Ratio	Lower	Upper	
173	100		
175	53.3	24.9	74.7
254	1.1	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

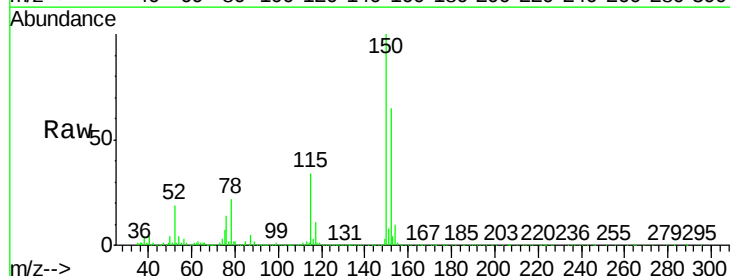
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

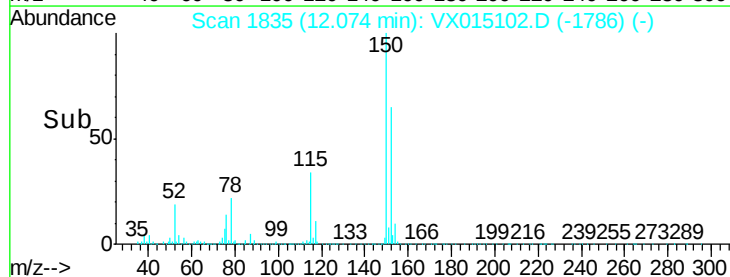
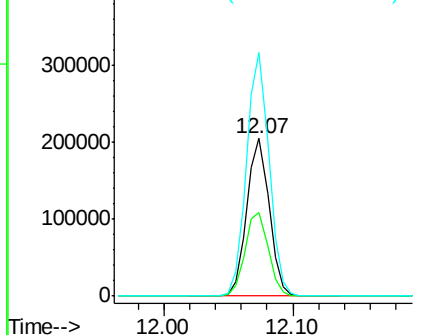
Lab File: VX015102.D

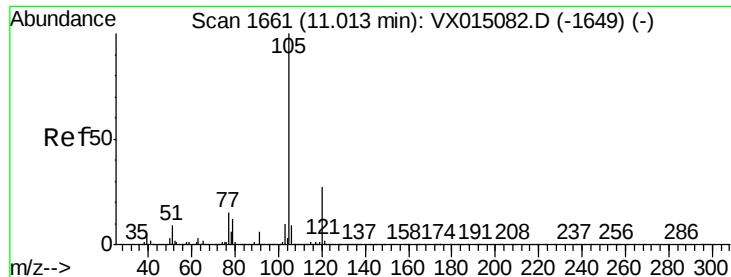
Acq: 05 Mar 2020 11:25

Tgt Ion:	152	Resp:	246180
Ion Ratio	Lower	Upper	
152	100		
115	55.0	38.2	114.6
150	153.5	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.736 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 105 Resp: 11582

Ion Ratio Lower Upper

105 100

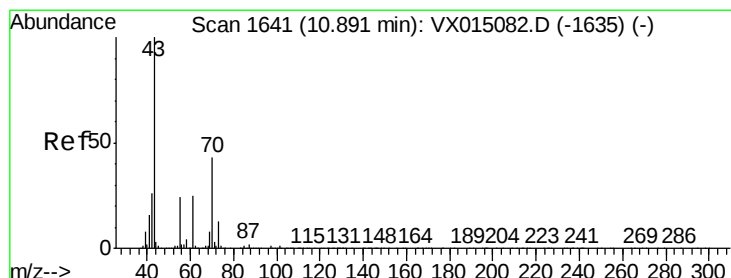
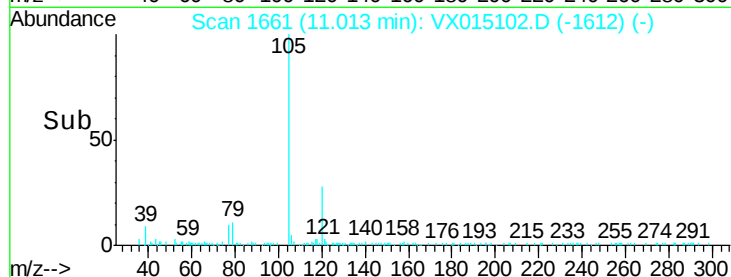
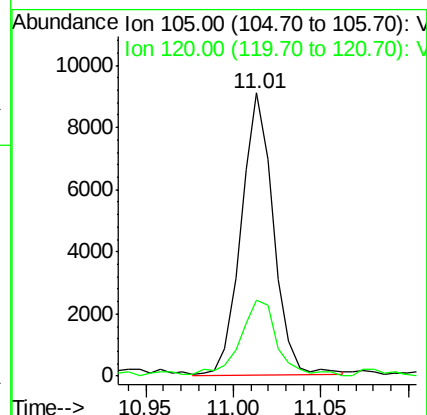
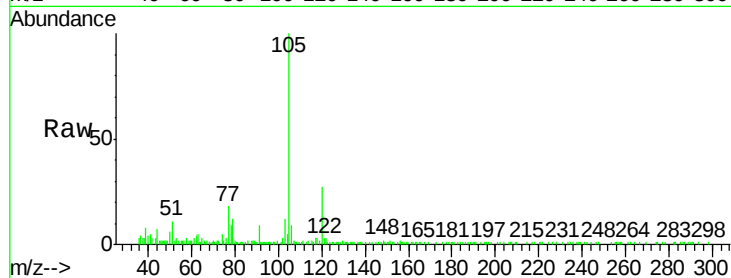
120 31.5

13.5

40.5

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#74

N-ethyl acetate

Concen: 0.554 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion: 43 Resp: 3671

Ion Ratio Lower Upper

43 100

70 52.2

34.7

52.1#

55 48.6

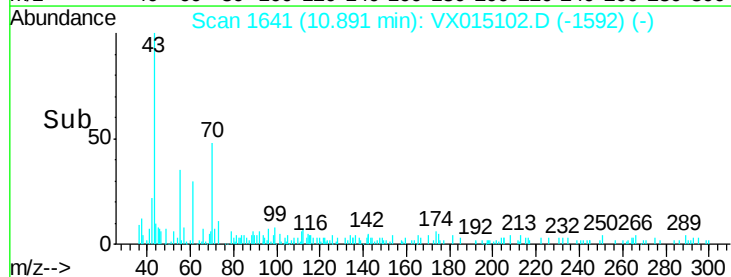
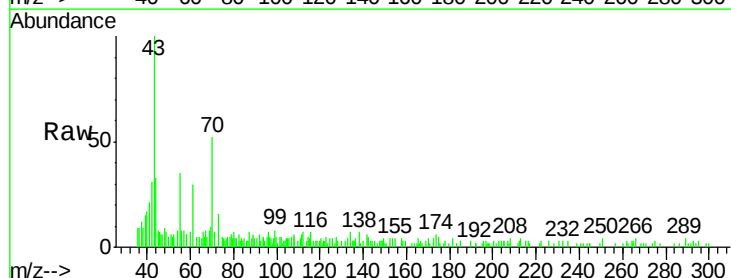
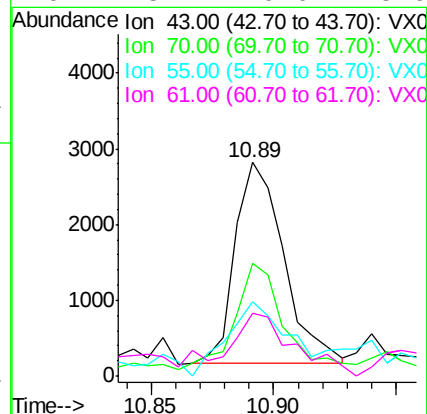
19.4

29.0#

61 43.7

19.0

28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

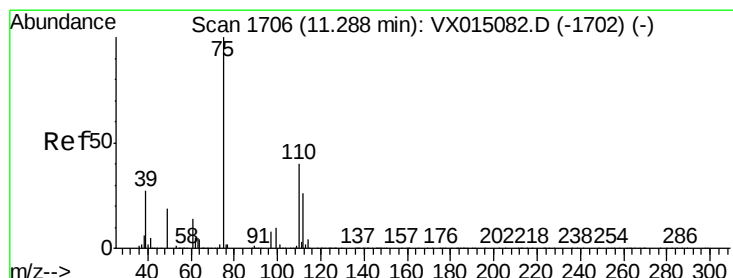
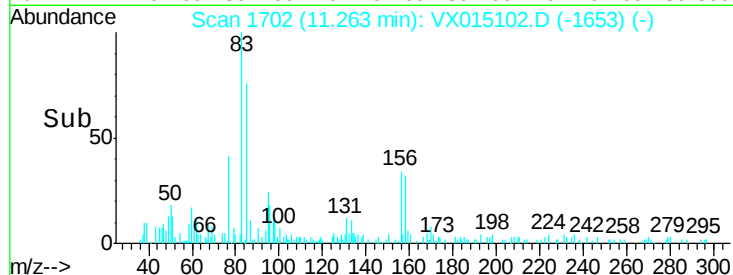
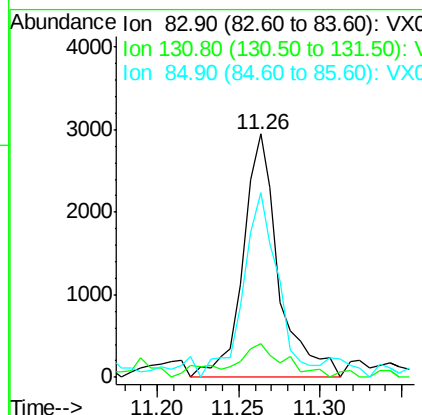
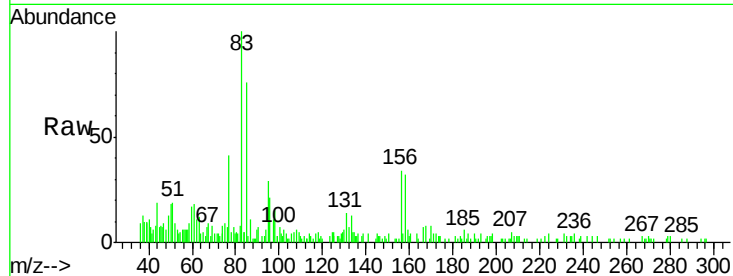
ClientSampleId :

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

Tot Ion:	83	Resp:	4478
Ion Ratio	Lower	Upper	
83	100		
131	16.6	5.0	14.9#
85	74.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.831 ug/l m

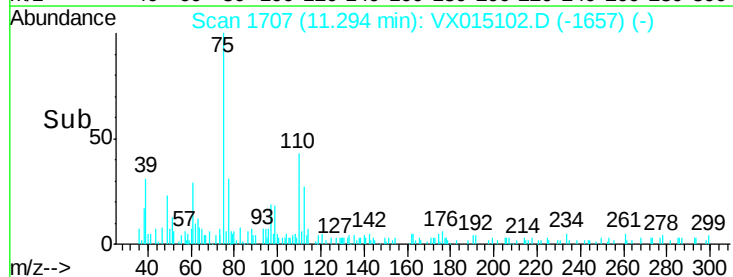
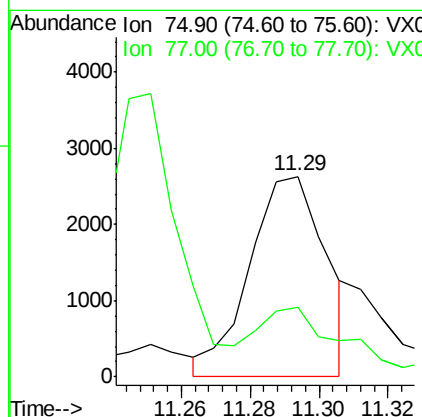
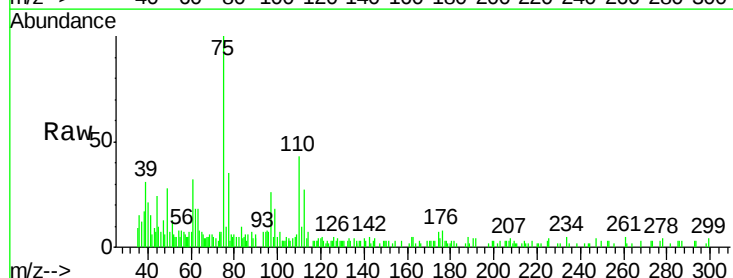
RT: 11.29 min Scan# 1707

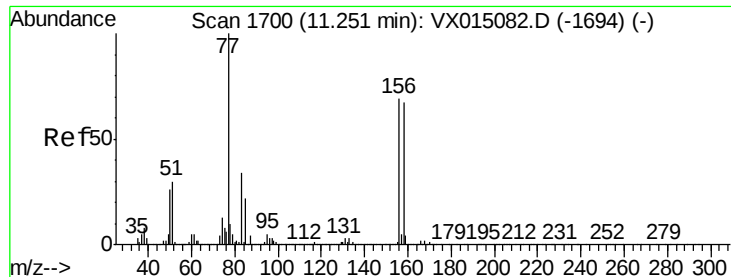
Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	75	Resp:	4080
Ion Ratio	Lower	Upper	
75	100		
77	38.0	22.6	67.8





#77

Bromobenzene

Concen: 1.032 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

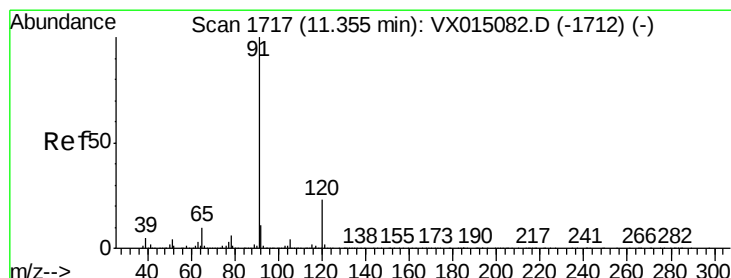
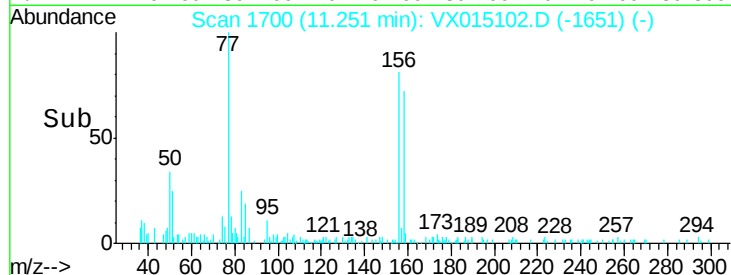
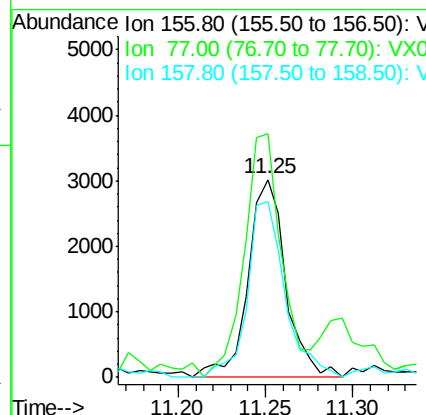
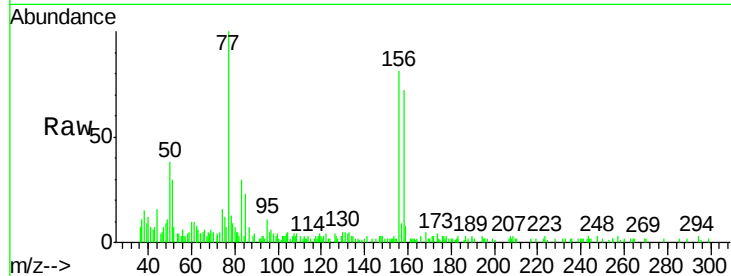
ClientSampleId :

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

Tot Ion:	156	Resp:	4524
Ion	Ratio	Lower	Upper
156	100		
77	122.7	75.3	225.9
158	88.6	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 0.732 ug/l

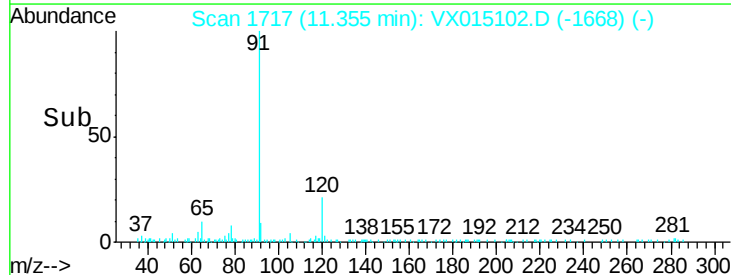
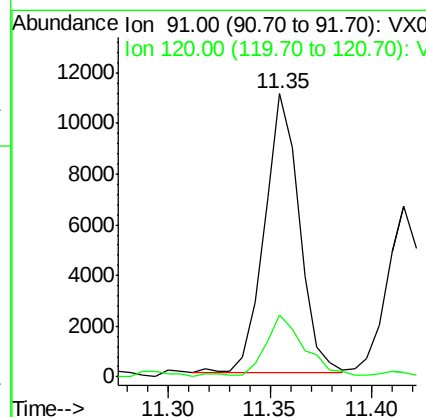
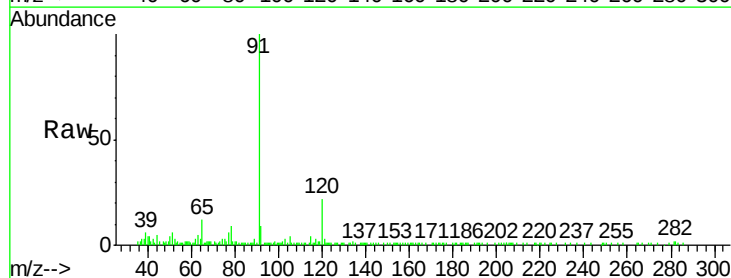
RT: 11.35 min Scan# 1717

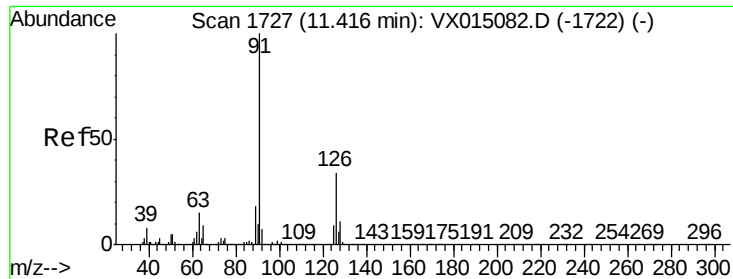
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	91	Resp:	13159
Ion	Ratio	Lower	Upper
91	100		
120	26.0	11.7	35.1





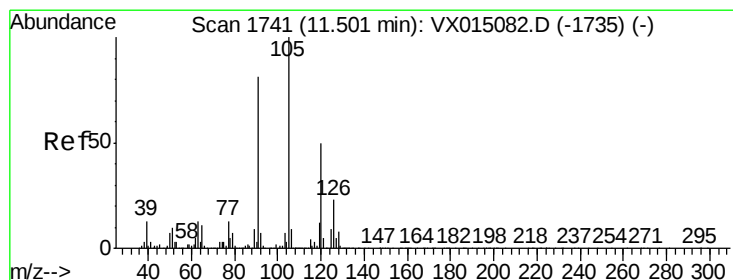
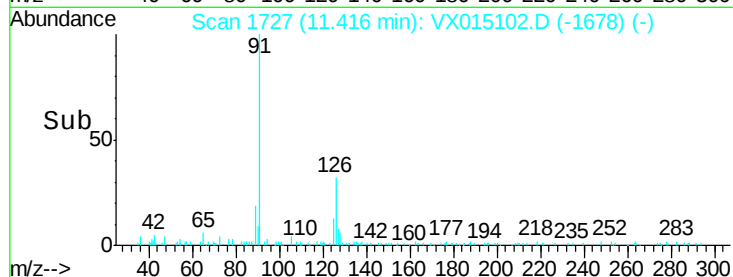
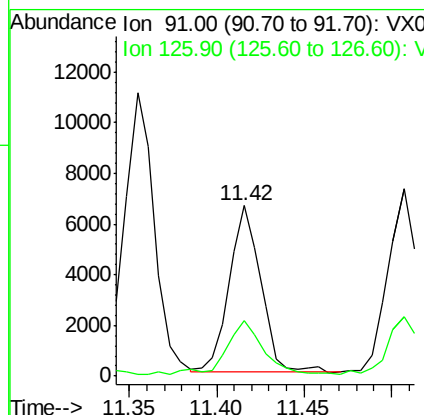
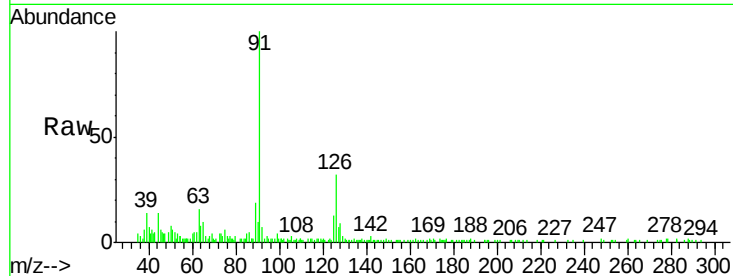
#79
2-Chlorotoluene
Concen: 0.758 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
91	100		
126	37.4	17.3	52.0

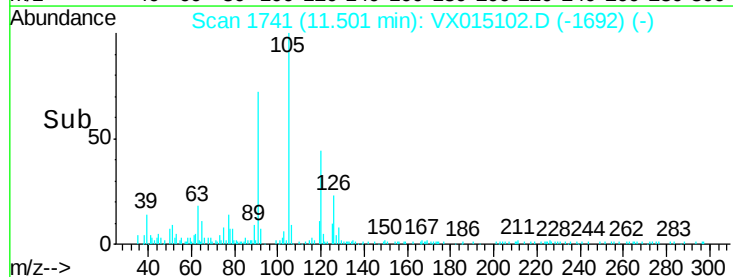
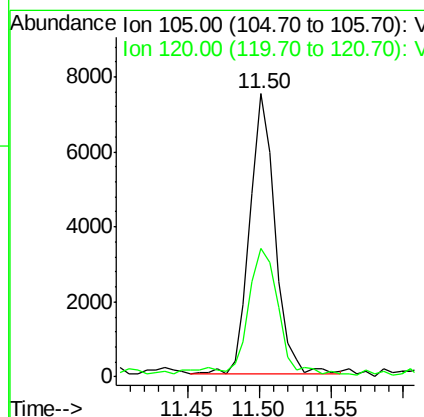
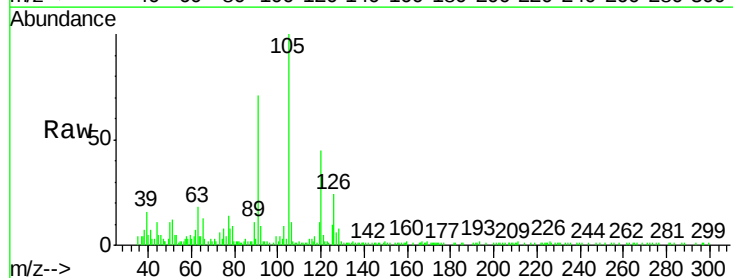
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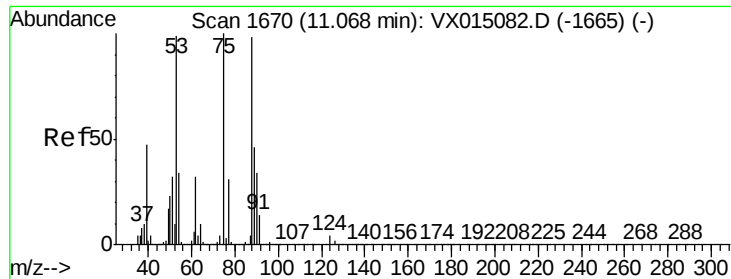
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#80
1,3,5-Trimethylbenzene
Concen: 0.687 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.4	25.1	75.4





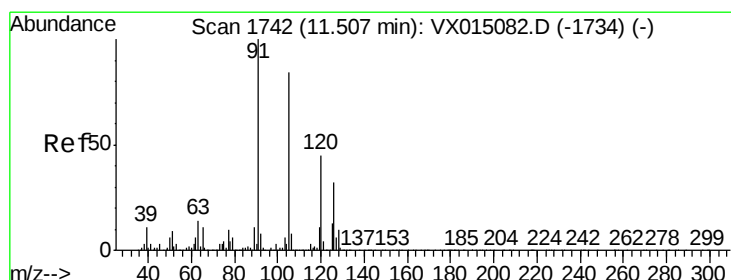
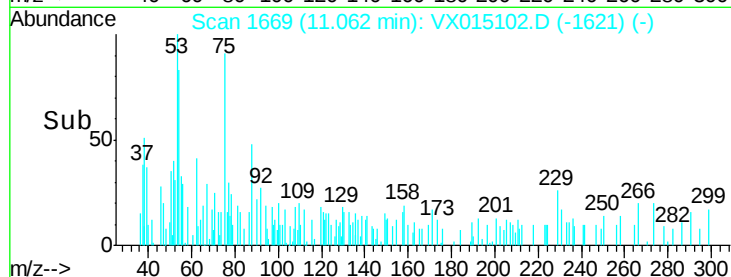
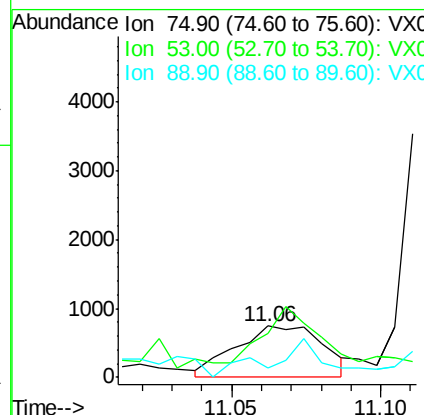
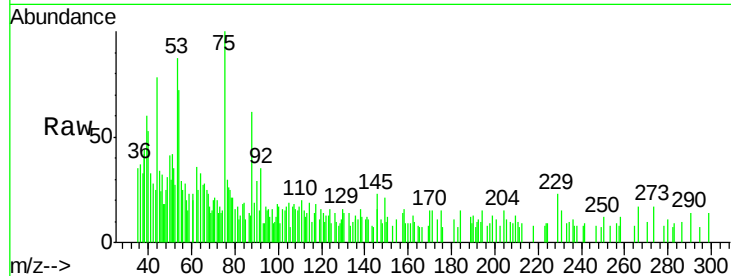
#81
trans-1,4-Dichloro-2-butene
Concen: 0.880 ug/l m
RT: 11.06 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	17.0	77.9	116.9#
89	3.4	36.2	54.2#

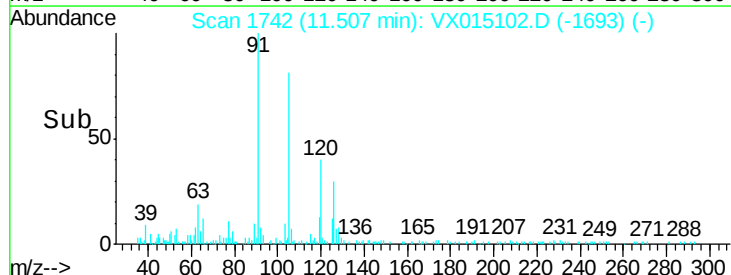
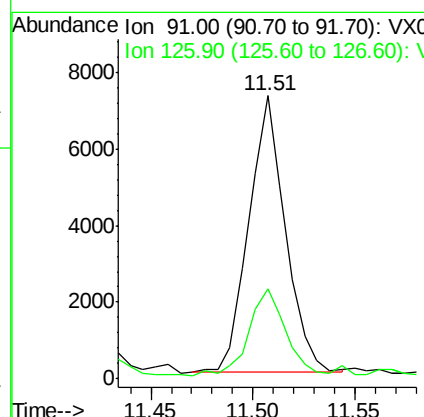
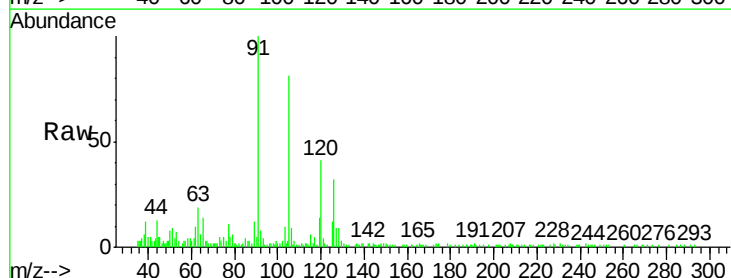
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#82
4-Chlorotoluene
Concen: 0.705 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	15.4	46.2





#83

tert-Butylbenzene

Concen: 0.735 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

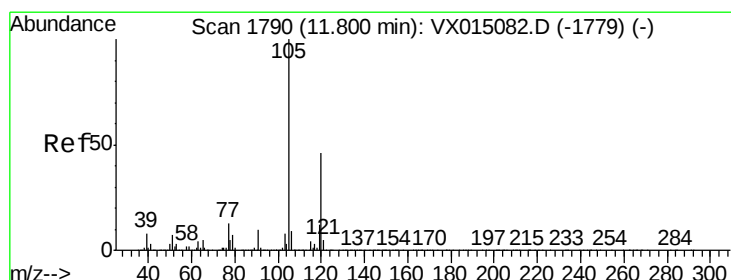
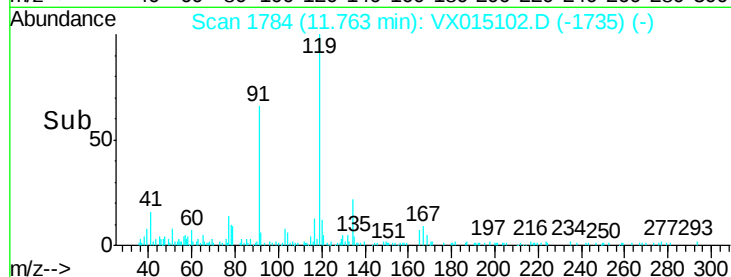
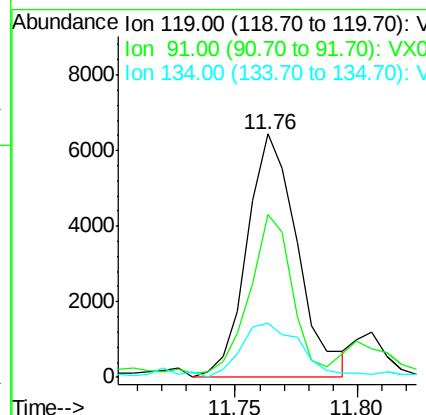
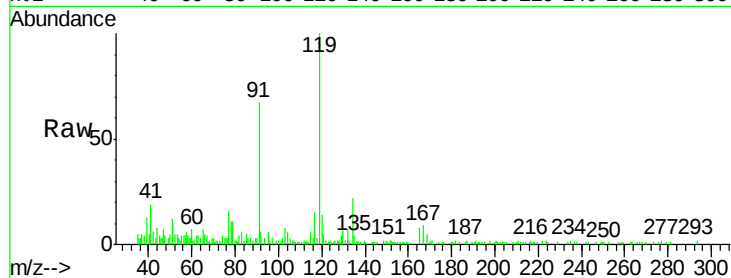
ClientSampleId :

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

Tot Ion:	119	Resp:	9298
Ion Ratio	Lower	Upper	
119	100		
91	56.8	28.5	85.6
134	26.3	11.9	35.7

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#84

1,2,4-Trimethylbenzene

Concen: 0.648 ug/l

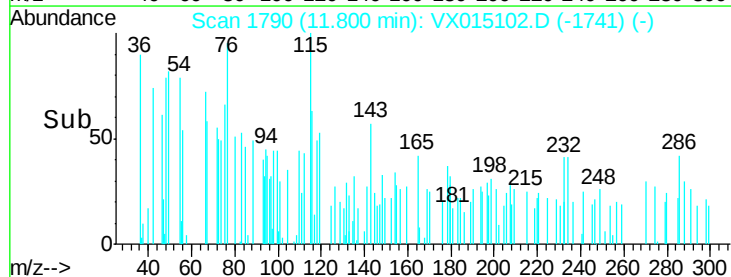
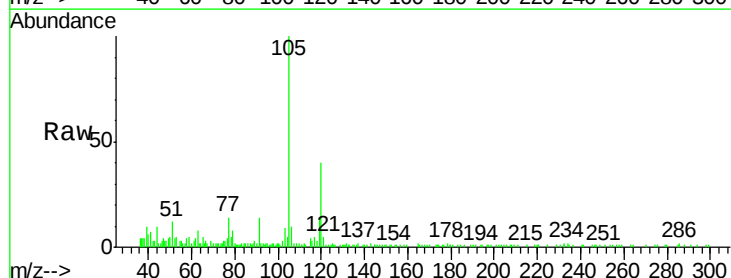
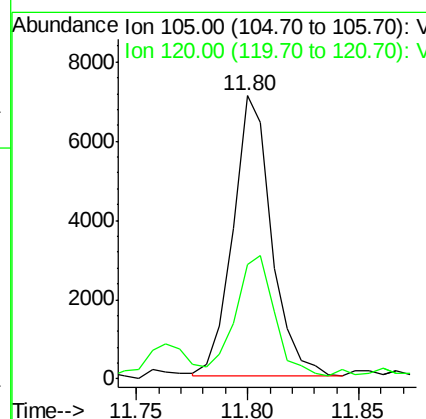
RT: 11.80 min Scan# 1790

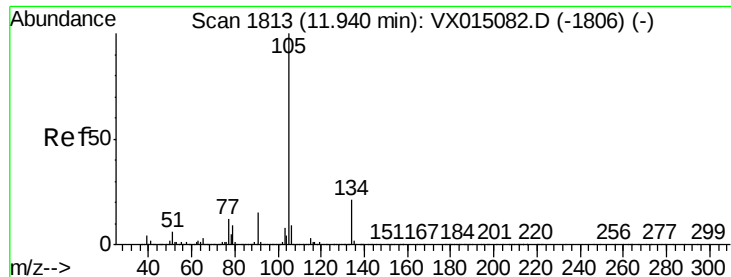
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	105	Resp:	8525
Ion Ratio	Lower	Upper	
105	100		
120	42.8	22.9	68.5





#85

sec-Butylbenzene

Concen: 0.691 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion:105 Resp: 10553

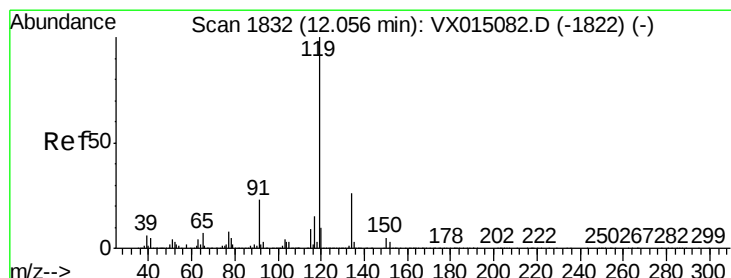
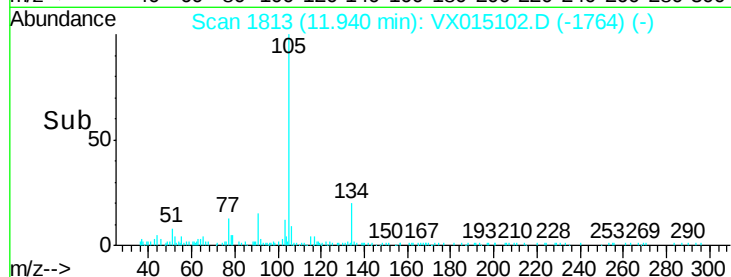
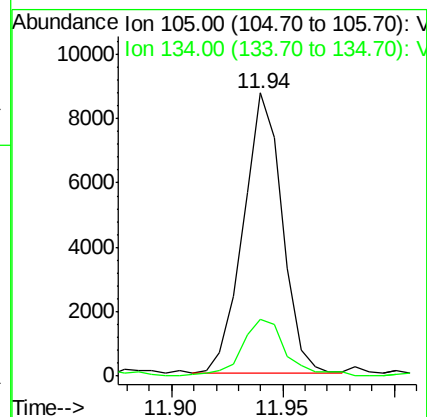
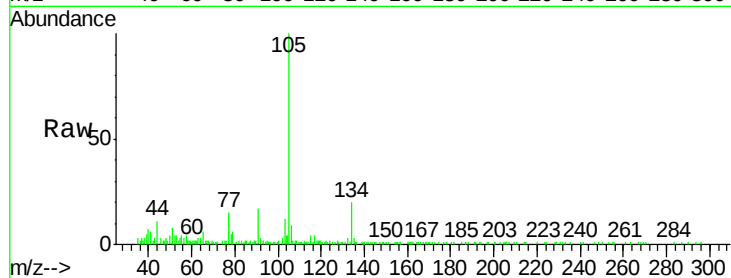
Ion Ratio Lower Upper

105 100

134 23.5 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 0.697 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

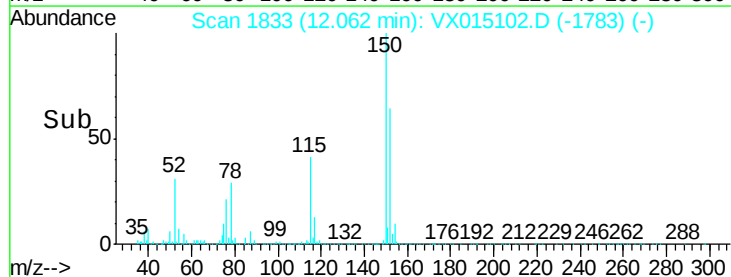
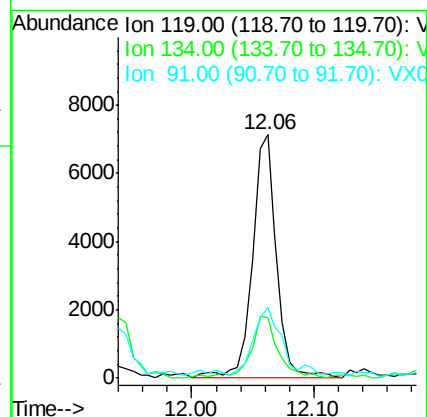
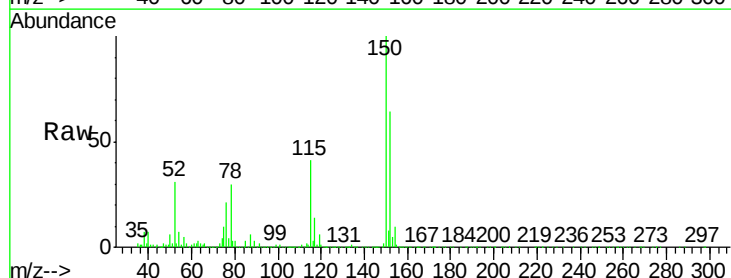
Tgt Ion:119 Resp: 9810

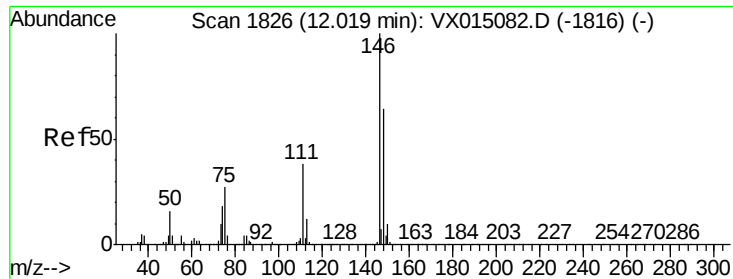
Ion Ratio Lower Upper

119 100

134 29.6 13.4 40.1

91 33.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 0.826 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

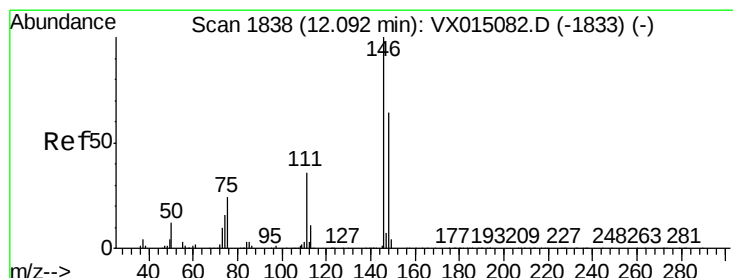
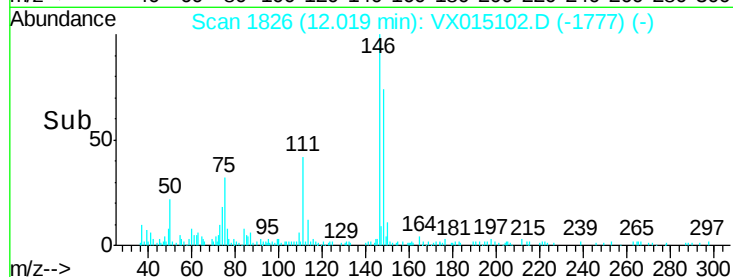
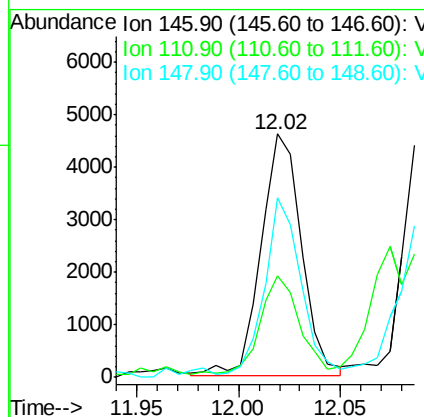
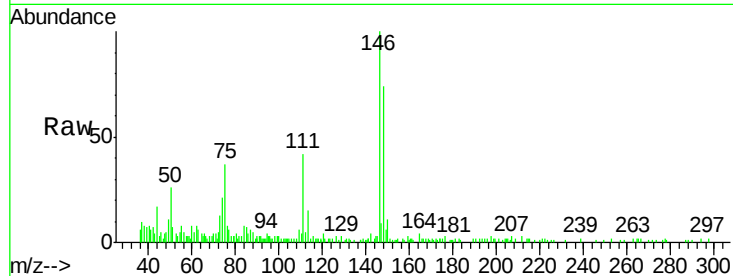
ClientSampleId :

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

Tot Ion:	146	Resp:	6361
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.1	57.1
148	68.2	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 0.904 ug/l m

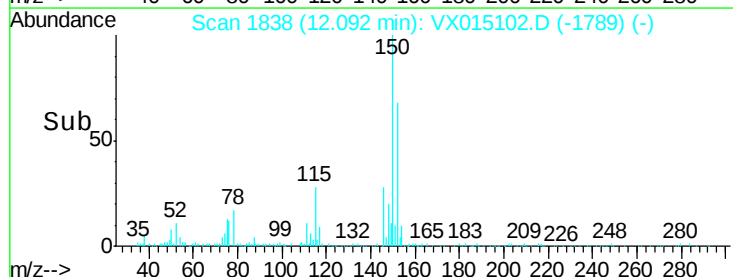
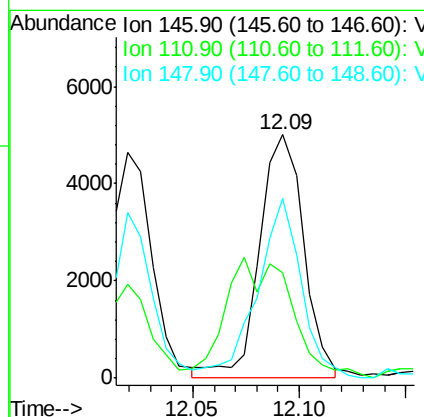
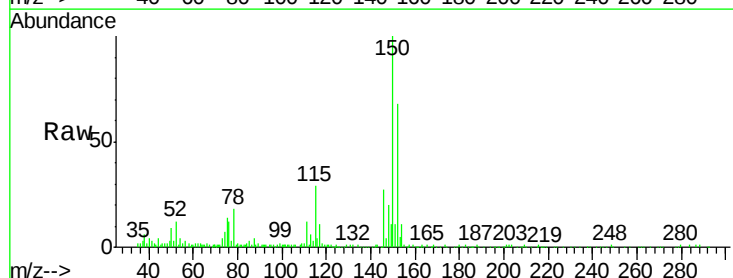
RT: 12.09 min Scan# 1838

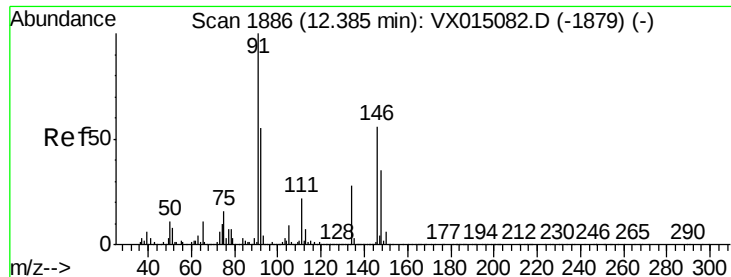
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	146	Resp:	7189
Ion Ratio	Lower	Upper	
146	100		
111	35.1	18.7	56.1
148	60.3	32.5	97.4





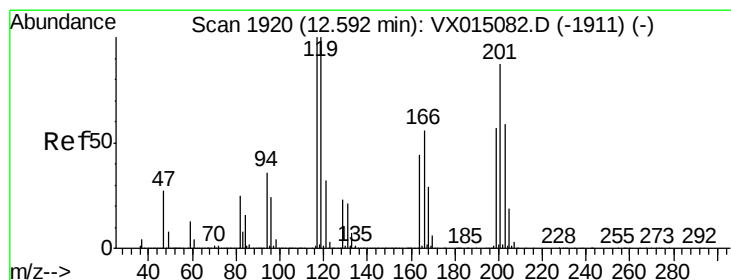
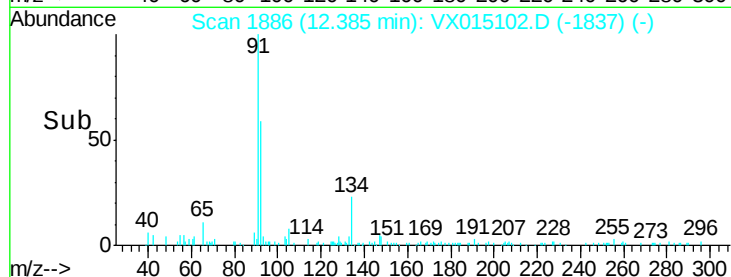
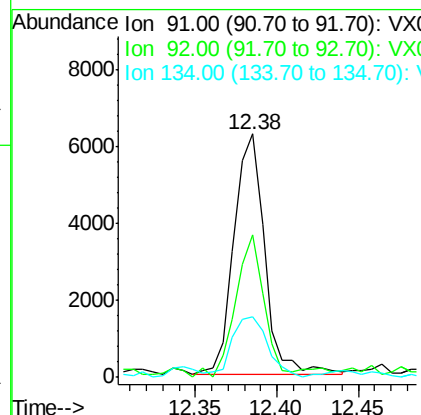
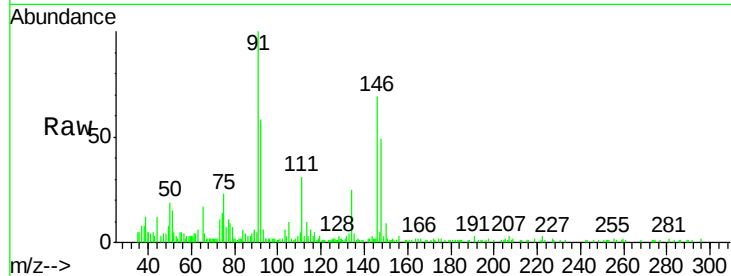
#89
n-Butylbenzene
Concen: 0.657 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	29.6	13.5	40.5

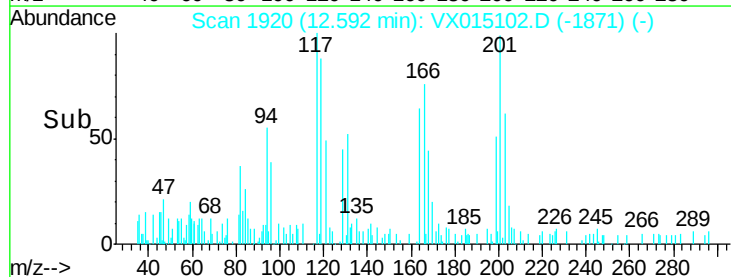
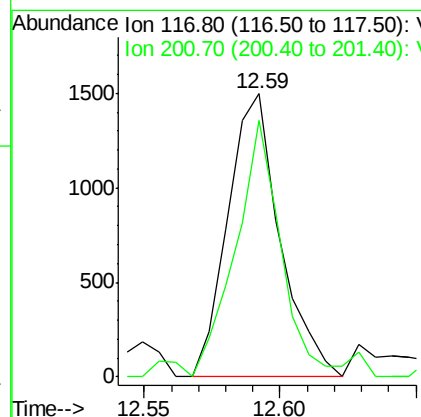
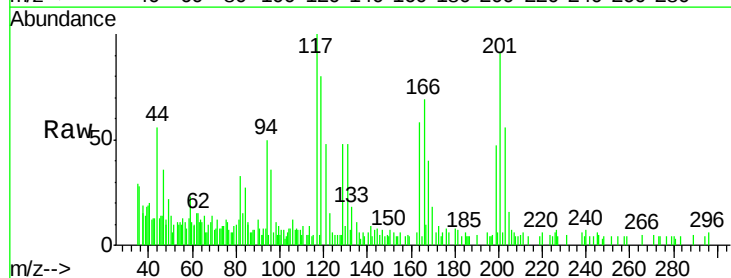
Manual Integrations
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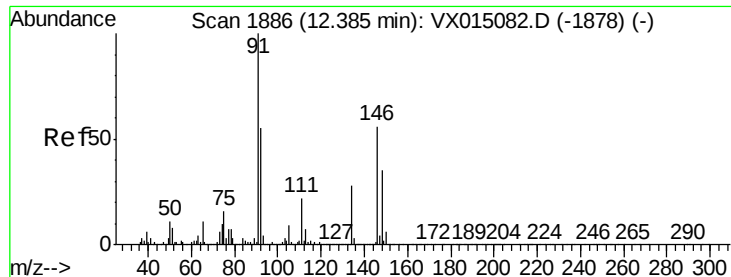
MMDadoda
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#90
Hexachloroethane
Concen: 0.747 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.5	130.7





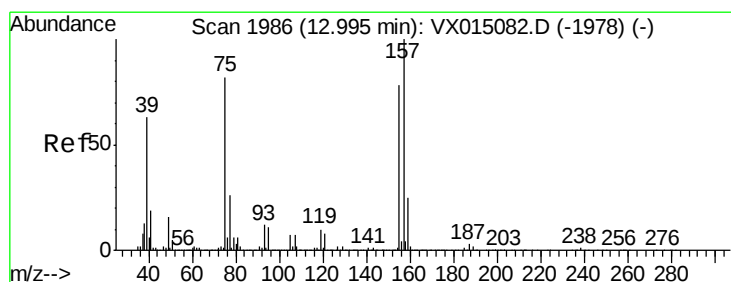
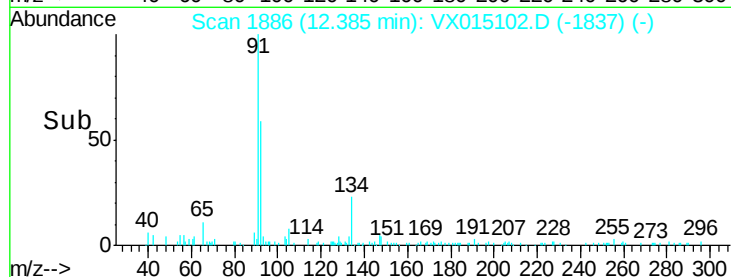
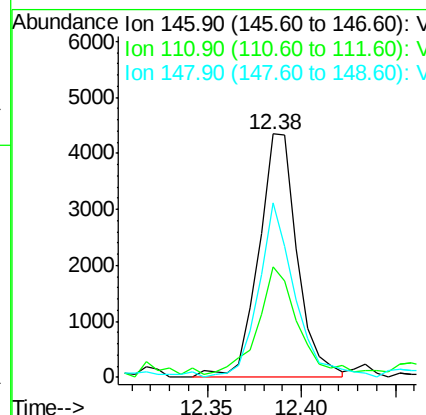
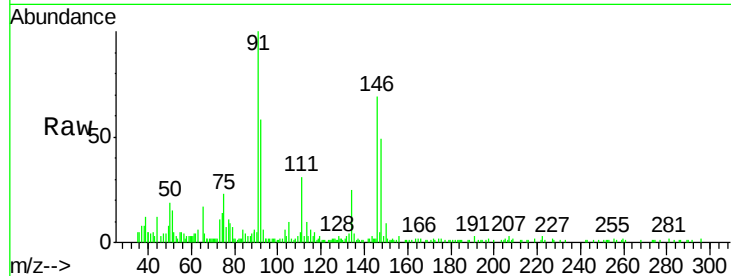
#91
 1,2-Dichlorobenzene
 Concen: 0.805 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	19.9	59.7
148	67.0	32.3	96.8

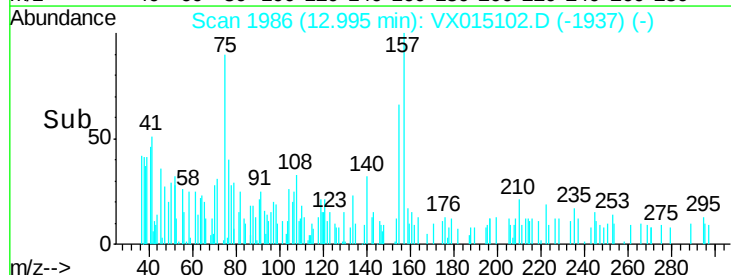
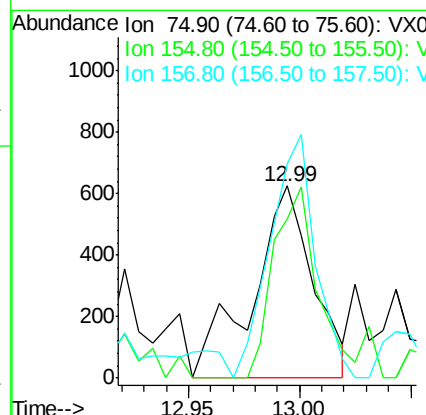
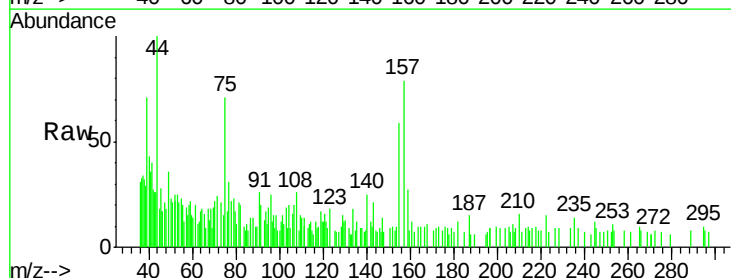
Manual Integrations
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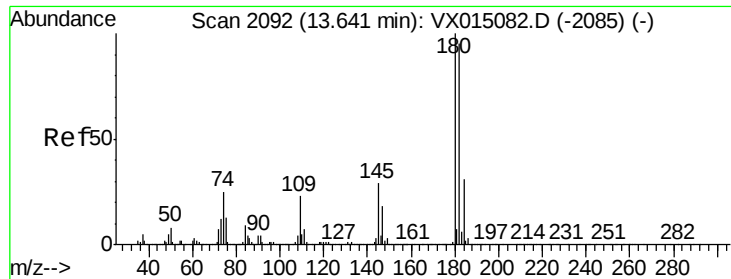
MMDadoda
 3/10/2020 4:19:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.125 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	46.6	139.7
157	94.3	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 0.843 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

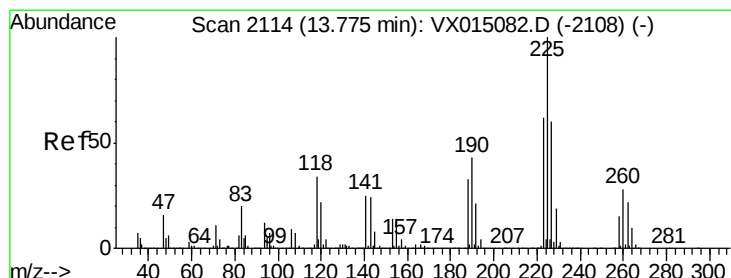
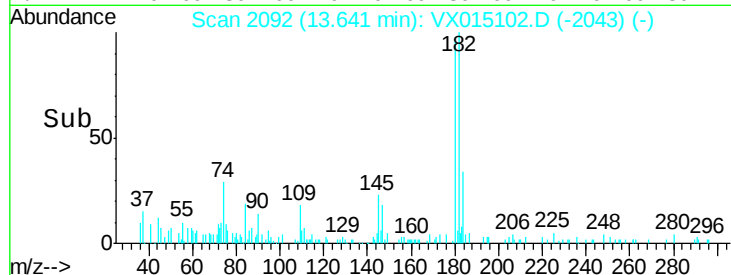
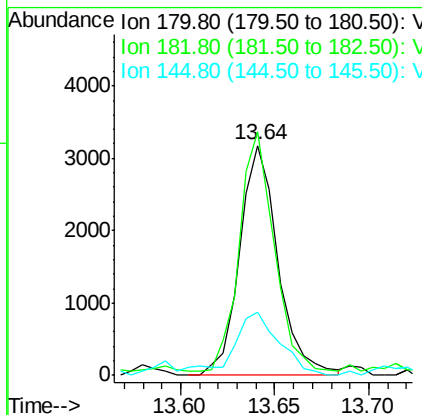
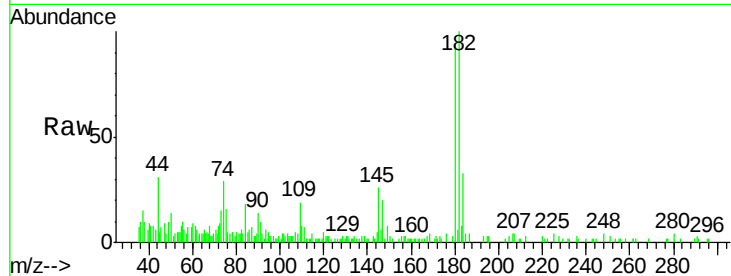
ClientSampleId :

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

Tot Ion:	180	Resp:	4482
Ion Ratio	Lower	Upper	
180	100		
182	100.4	47.6	142.8
145	32.3	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 0.821 ug/l

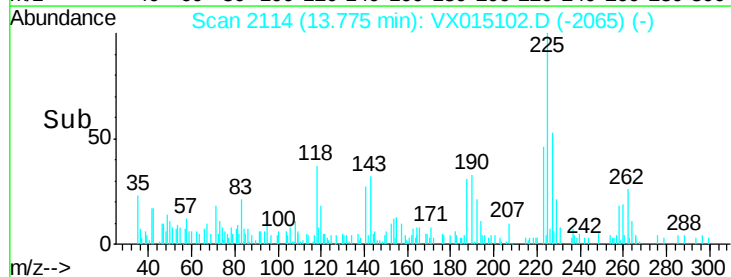
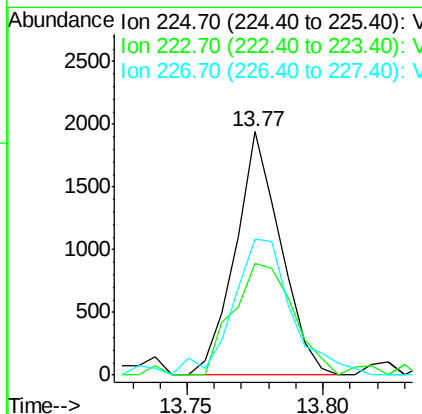
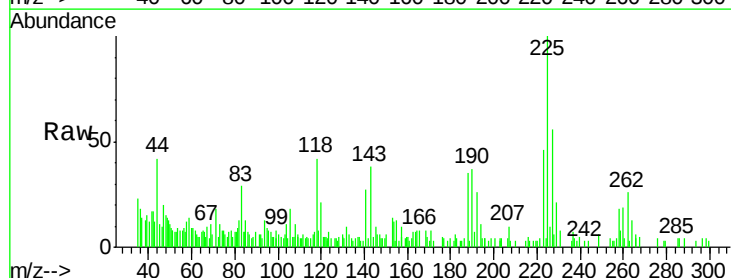
RT: 13.77 min Scan# 2114

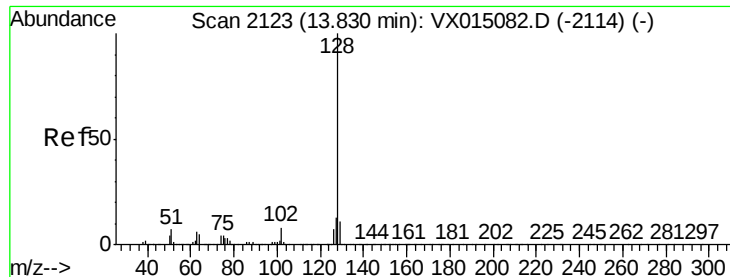
Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion:	225	Resp:	2241
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.3	93.9
227	75.0	31.1	93.2





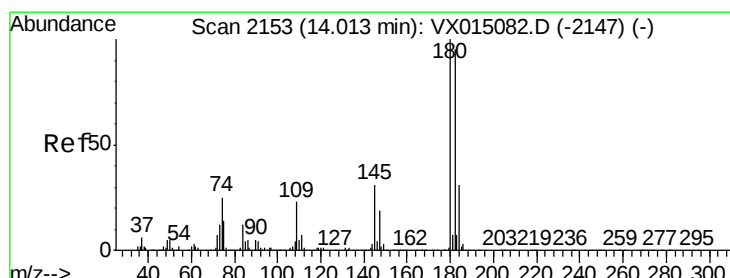
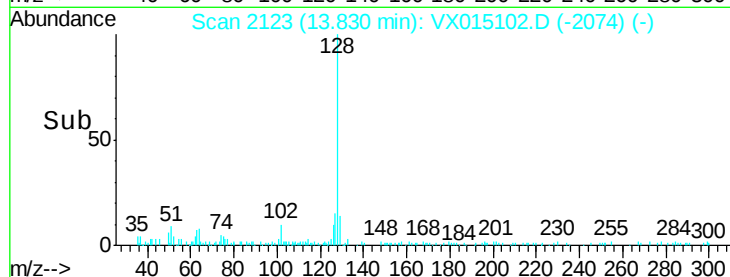
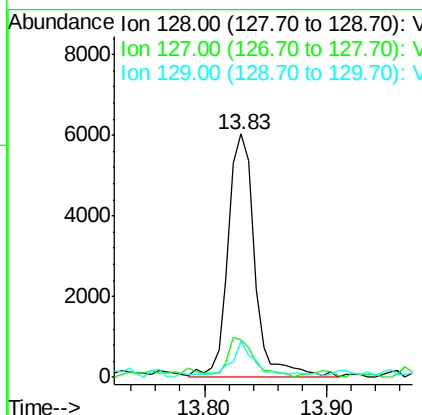
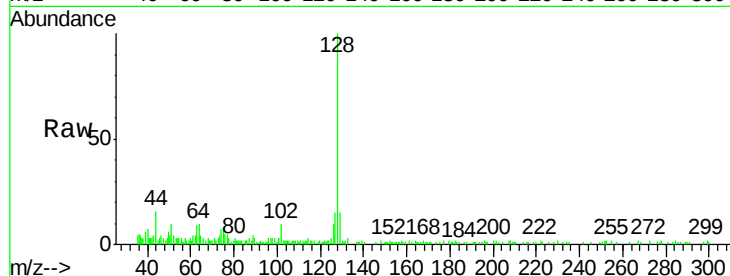
#95
Naphthalene
Concen: 0.629 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.3	15.5#
129	10.2	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 0.860 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.9	47.8	143.4
145	27.2	15.1	45.3

