

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015996.D
 Acq On : 30 Apr 2020 15:37
 Operator : JC/SP
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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 5/4/2020 3:10:24 PM

Quant Time: May 01 08:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49978	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	277127	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	251041	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	116536	30.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.13%
60) 4-Bromofluorobenzene	11.12	95	122273	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.70	98	332103	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	6238	1.812 ug/l	99
3) Chloromethane	1.31	50	7578	2.247 ug/l	93
4) Vinyl Chloride	1.39	62	9312	2.430 ug/l	99
5) Bromomethane	1.63	94	6836	2.910 ug/l	96
6) Chloroethane	1.72	64	6245	2.486 ug/l	99
7) Trichlorofluoromethane	1.92	101	12495	2.276 ug/l	99
8) Diethyl Ether	2.17	74	5559	2.537 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7049	2.487 ug/l	99
10) 1,1-Dichloroethene	2.36	96	6957	2.433 ug/l	91
11) Methyl Iodide	2.49	142	8723	2.234 ug/l	95
12) Methyl Acetate	2.75	43	11422	2.288 ug/l	98
13) Acrolein	2.27	56	4926	12.306 ug/l	96
14) Acrylonitrile	3.12	53	22374	12.131 ug/l	99
15) Acetone	2.42	58	6474	13.264 ug/l	92
16) Carbon Disulfide	2.55	76	24033	2.762 ug/l	97
17) Allyl chloride	2.71	41	12327	2.324 ug/l	87
18) Methylene Chloride	2.84	84	8569	2.675 ug/l	95
19) trans-1,2-Dichloroethene	3.14	96	7660	2.449 ug/l	93
20) Diisopropyl ether	3.82	45	24521	2.397 ug/l	93
21) 1,1-Dichloroethane	3.67	63	14029	2.460 ug/l	97
22) cis-1,2-Dichloroethene	4.57	96	9389	2.645 ug/l	90
23) tert-Butyl Alcohol	3.01	59	11853	13.129 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	24168	2.353 ug/l	98
25) Chloroform	5.17	83	13970	2.412 ug/l	94
26) Cyclohexane	5.55	56	12480	2.393 ug/l #	98
29) 1,1-Dichloropropene	5.78	75	11040	2.533 ug/l	84
30) 2-Butanone	4.64	43	31495	12.127 ug/l #	95
31) 2,2-Dichloropropane	4.55	77	12451	2.374 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	12758	2.413 ug/l	98
33) Carbon Tetrachloride	5.76	117	10979	2.332 ug/l	96
34) Benzene	6.12	78	31023	2.437 ug/l	98
35) Methacrylonitrile	5.01	41	6551	2.375 ug/l	94
36) 1,2-Dichloroethane	6.17	62	12222	2.514 ug/l #	89
37) Trichloroethene	7.19	130	11616	2.565 ug/l	95
38) Methylcyclohexane	7.45	83	12711	2.386 ug/l	98
39) 1,2-Dichloropropane	7.49	63	7851	2.402 ug/l	96
40) Dibromomethane	7.64	93	5890	2.596 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	10717	2.291	ug/l	100
42) Vinyl Acetate	3.79	43	99858	11.622	ug/l	100
43) Ethyl Acetate	4.80	43	12508	2.442	ug/l	96
44) Isopropyl Acetate	6.41	43	20245	2.435	ug/l	98
45) 1,4-Dioxane	7.72	88	4428	50.424	ug/l	94
46) Methyl methacrylate	7.75	41	8768	2.225	ug/l	96
47) n-amyl Acetate	10.88	43	16049	2.208	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	12811	2.358	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	13464	2.399	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	7599	2.376	ug/l	94
51) Ethyl methacrylate	9.16	69	11251	2.131	ug/l	92
52) 1,3-Dichloropropane	9.35	76	13208	2.389	ug/l	96
53) Dibromochloromethane	9.57	129	7938	2.182	ug/l	99
54) 1,2-Dibromoethane	9.65	107	8354	2.377	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	30297	10.546	ug/l	99
56) Bromoform	10.84	173	5433	1.982	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	61041	12.330	ug/l	100
59) 2-Hexanone	9.48	43	45760	11.967	ug/l	99
61) Tetrachloroethene	9.32	164	12731	2.564	ug/l	95
62) Toluene	8.77	91	32227	2.403	ug/l	97
64) Chlorobenzene	10.12	112	20662	2.420	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	7384	2.278	ug/l	94
66) Ethyl Benzene	10.24	91	35849	2.347	ug/l	100
67) m/p-Xylenes	10.34	106	27226	4.680	ug/l	99
68) o-Xylene	10.68	106	13311	2.373	ug/l	99
69) Styrene	10.70	104	20742	2.160	ug/l	95
70) Isopropylbenzene	11.00	105	35028	2.313	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	5838	2.073	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	11214m	2.459	ug/l	
73) Bromobenzene	11.24	156	9023	2.364	ug/l	96
74) n-propylbenzene	11.35	91	40678	2.312	ug/l	99
75) 2-Chlorotoluene	11.41	91	24777	2.397	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	28281	2.200	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	4393	2.240	ug/l	96
78) 4-Chlorotoluene	11.49	91	29116	2.379	ug/l	100
79) tert-butylbenzene	11.76	119	25432	2.316	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	29186	2.272	ug/l	99
81) sec-Butylbenzene	11.93	105	32785	2.214	ug/l	99
82) p-Isopropyltoluene	12.05	119	30406	2.215	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	16413	2.385	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	16801	2.457	ug/l	97
85) n-Butylbenzene	12.37	91	27487	2.192	ug/l	100
86) Hexachloroethane	12.58	117	5144	2.129	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	15965	2.399	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	2733	2.319	ug/l	91
89) 1,2,4-Trichlorobenzene	13.63	180	11341	2.313	ug/l	98
90) Hexachlorobutadiene	13.77	225	5238	2.486	ug/l	96
91) Naphthalene	13.82	128	35916	2.301	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	11677	2.479	ug/l	95

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ClientSampleId :
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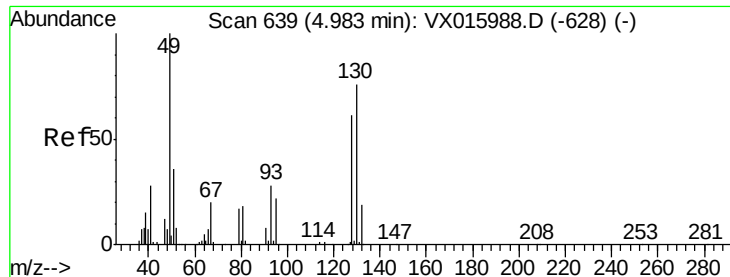
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Quant Time: May 01 08:39:18 2020
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QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

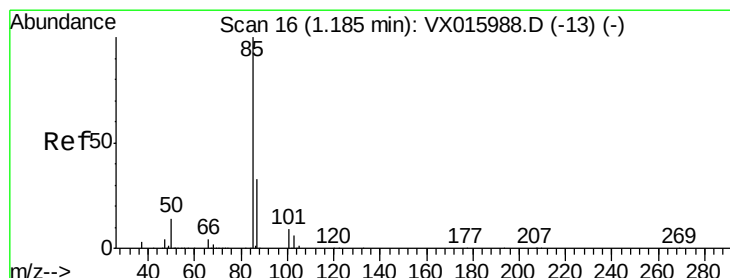
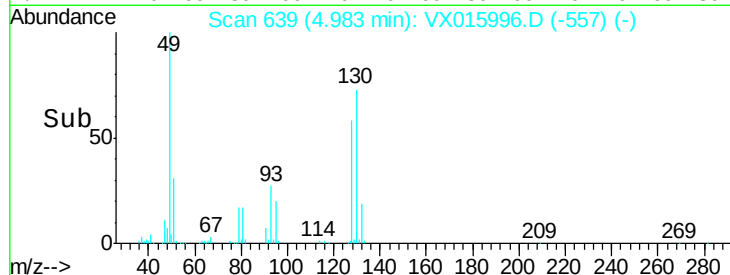
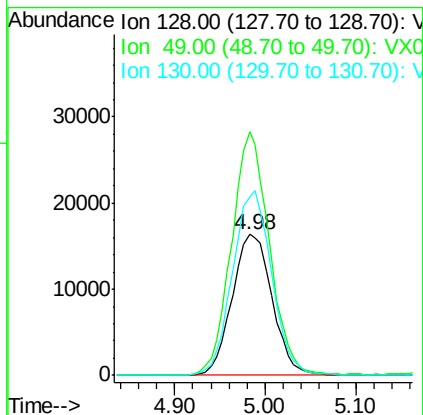
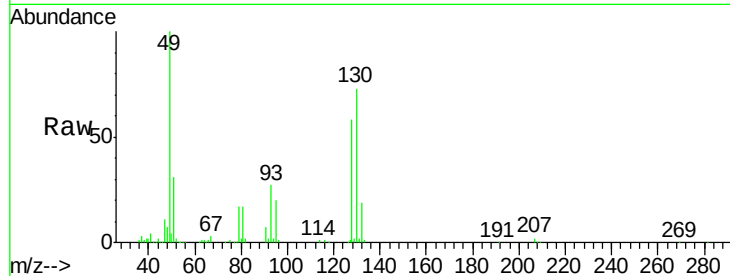
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	128	Resp:	49978
Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	418.5
130	127.9	0.0	326.3

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#2

Dichlorodifluoromethane

Concen: 1.812 ug/l

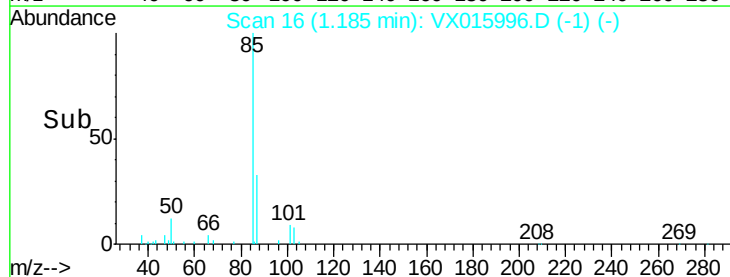
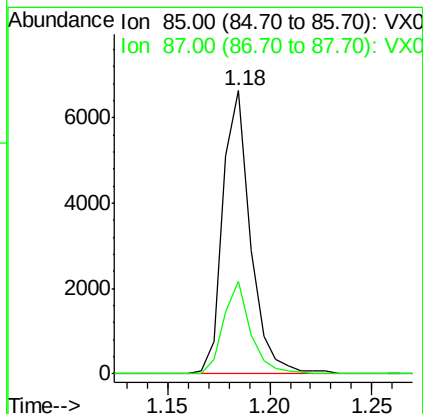
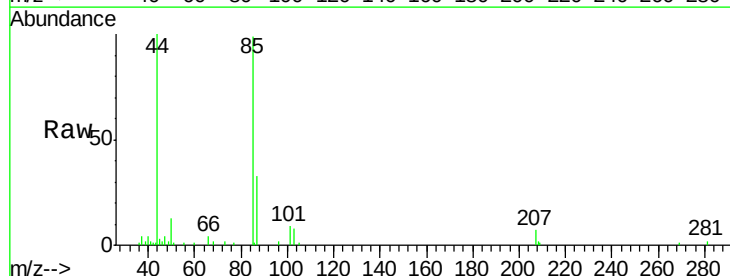
RT: 1.18 min Scan# 16

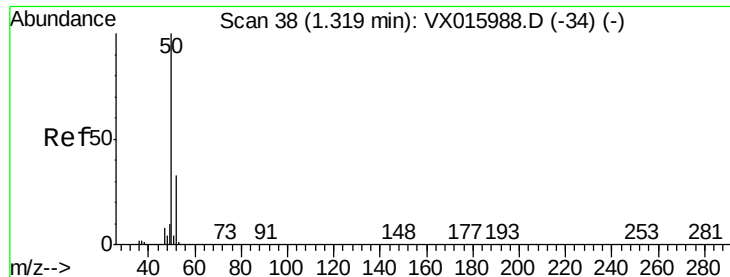
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	85	Resp:	6238
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.7





#3

Chloromethane

Concen: 2.247 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 50 Resp: 7578

Ion Ratio Lower Upper

50 100

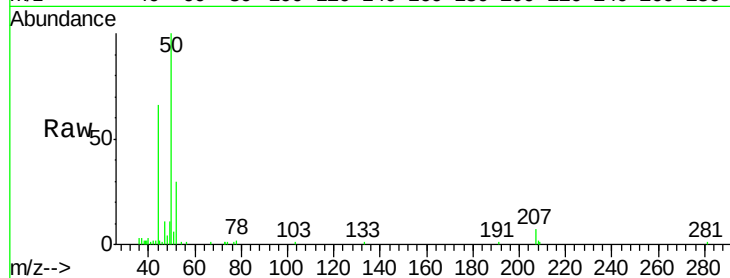
52 29.3 26.5 39.7

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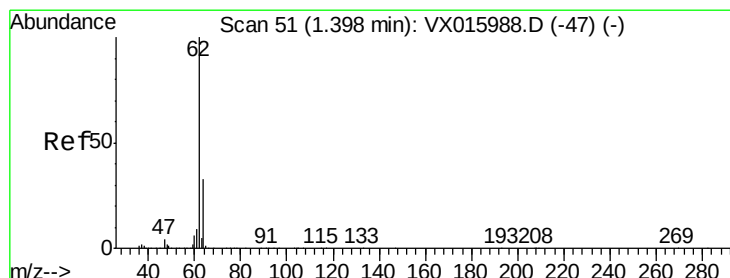
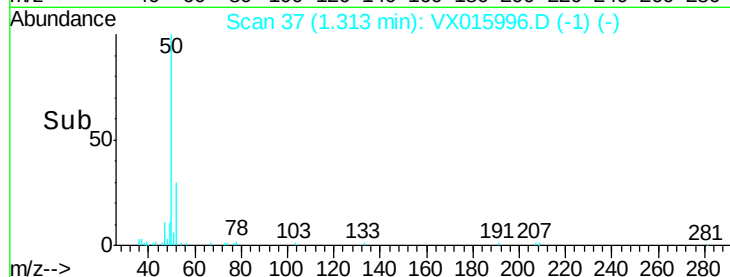
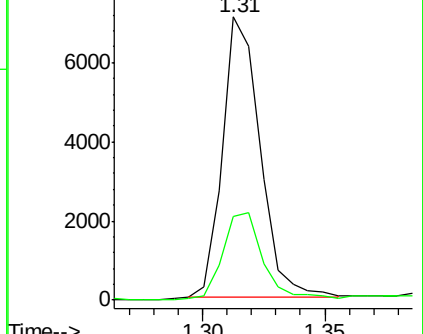
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.430 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015996.D

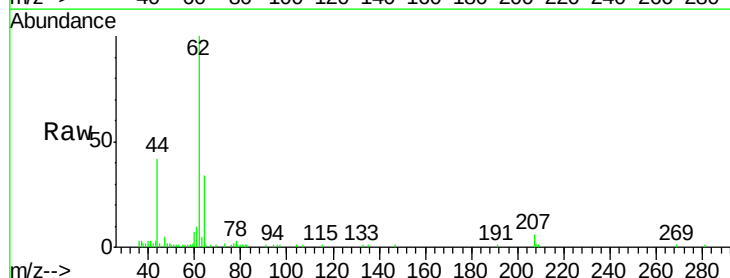
Acq: 30 Apr 2020 15:37

Tgt Ion: 62 Resp: 9312

Ion Ratio Lower Upper

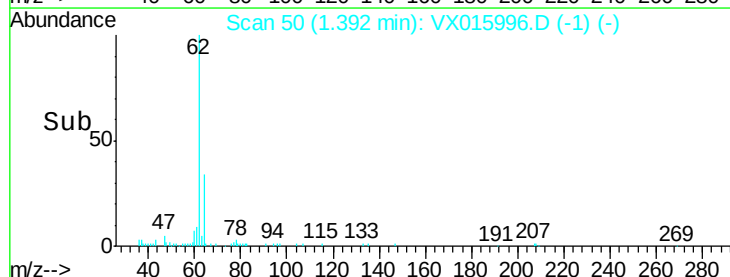
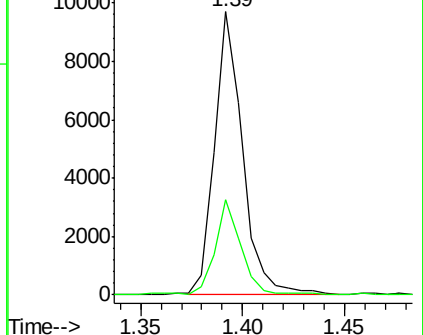
62 100

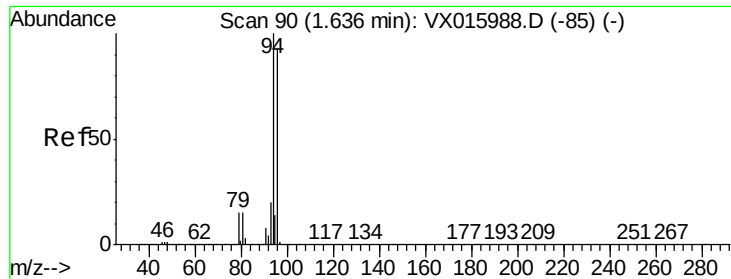
64 33.7 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 2.910 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 94 Resp: 6836

Ion Ratio Lower Upper

94 100

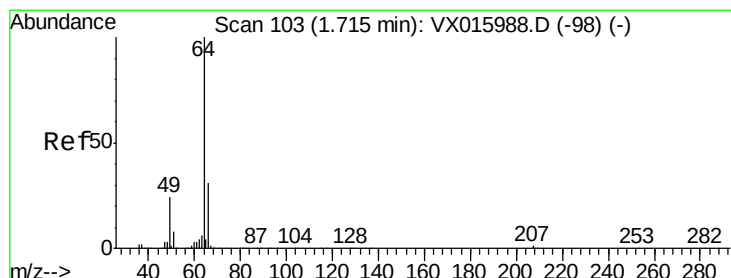
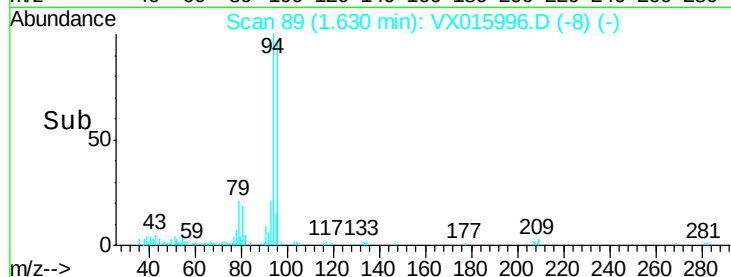
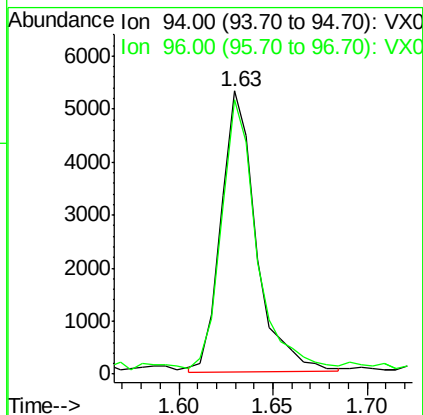
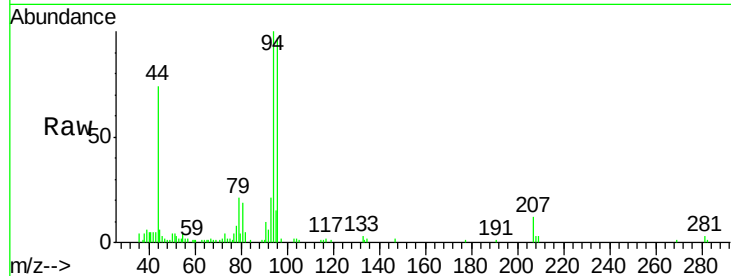
96 96.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 2.486 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015996.D

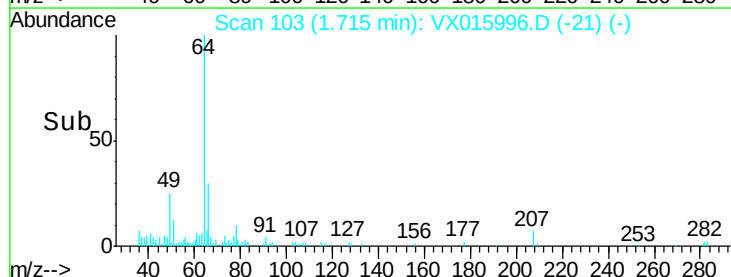
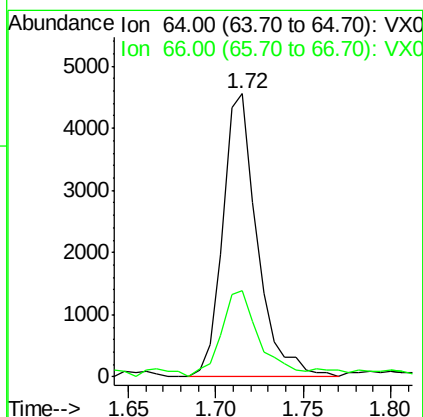
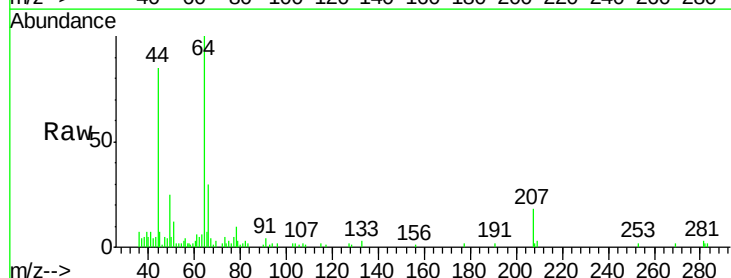
Acq: 30 Apr 2020 15:37

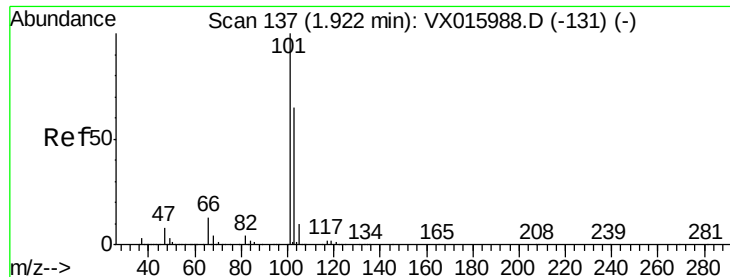
Tgt Ion: 64 Resp: 6245

Ion Ratio Lower Upper

64 100

66 30.4 24.9 37.3





#7

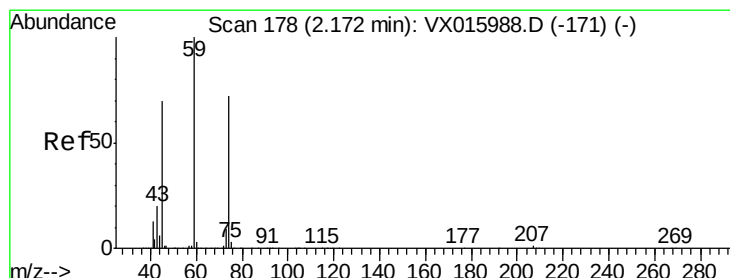
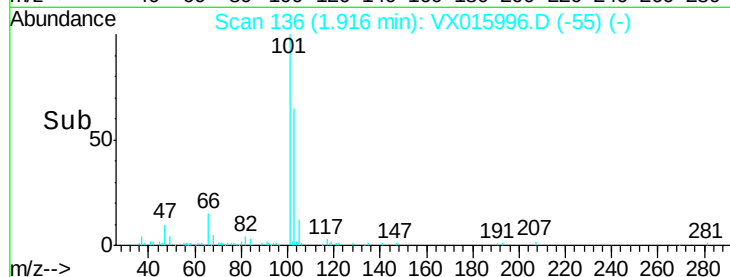
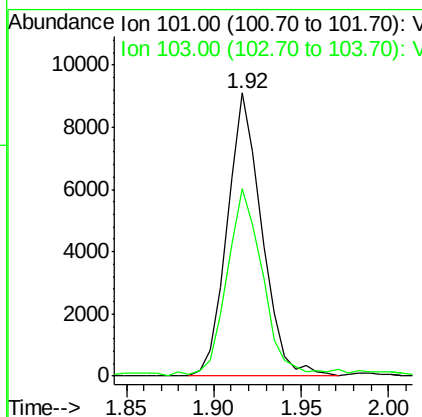
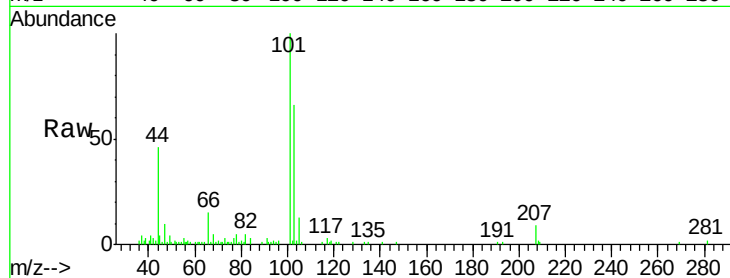
Trichlorofluoromethane
Concen: 2.276 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

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LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8

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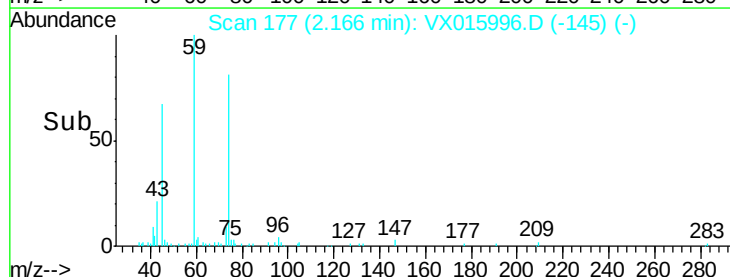
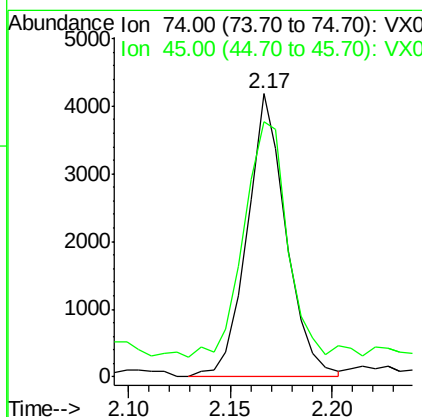
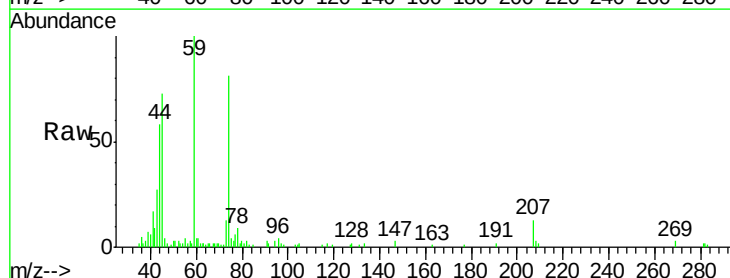
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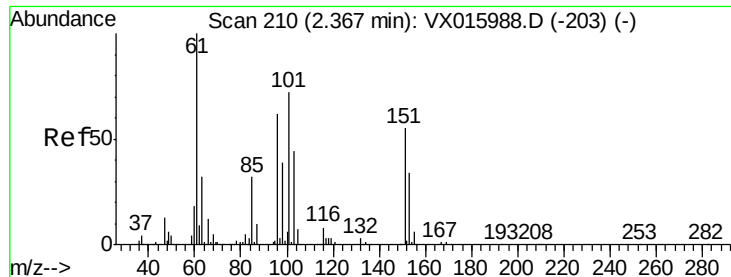


#8

Diethyl Ether
Concen: 2.537 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.487 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

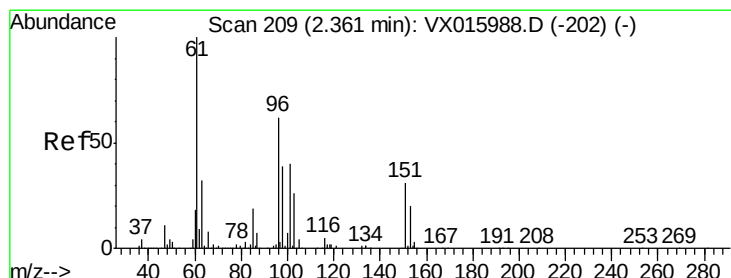
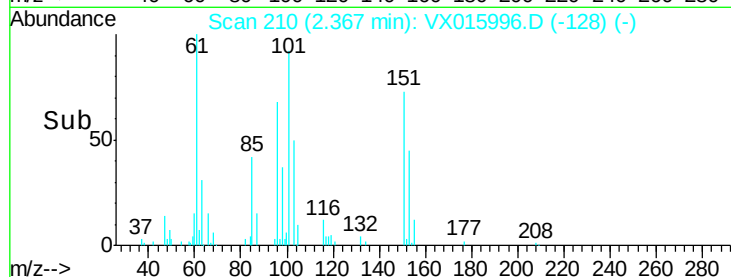
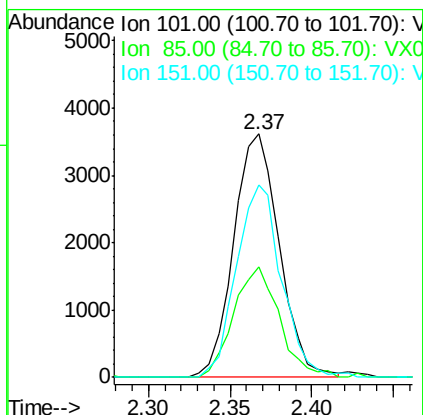
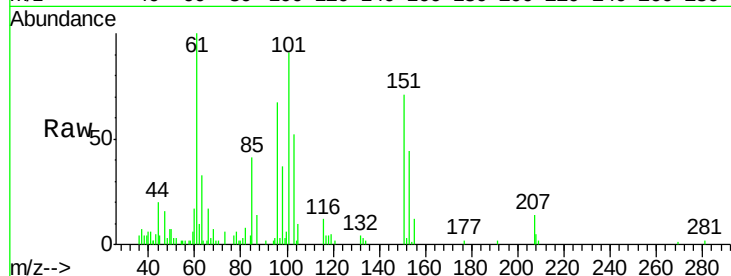
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	101	Resp:	7049
Ion Ratio	Lower	Upper	
101	100		
85	45.5	0.0	90.6
151	77.8	0.0	157.0

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#10

1,1-Dichloroethene

Concen: 2.433 ug/l

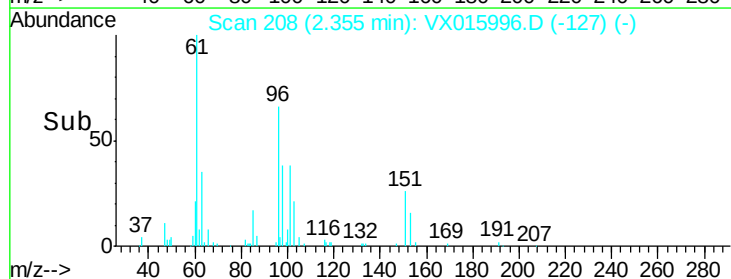
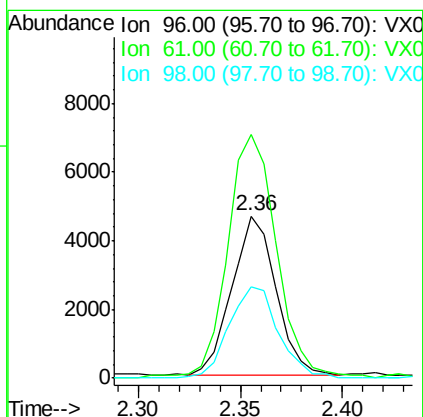
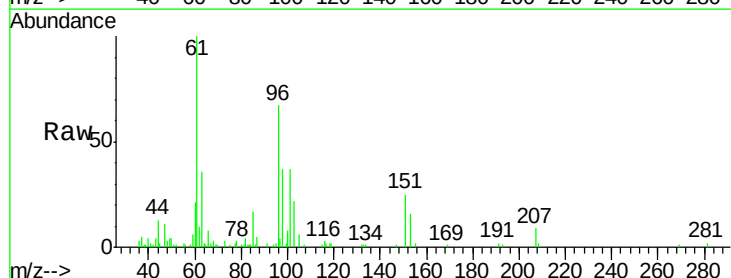
RT: 2.36 min Scan# 208

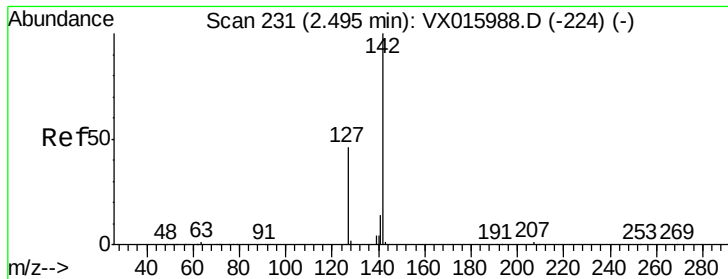
Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	96	Resp:	6957
Ion Ratio	Lower	Upper	
96	100		
61	150.4	129.8	194.8
98	57.1	51.1	76.7





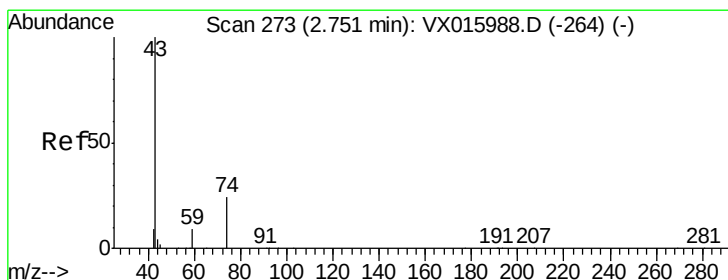
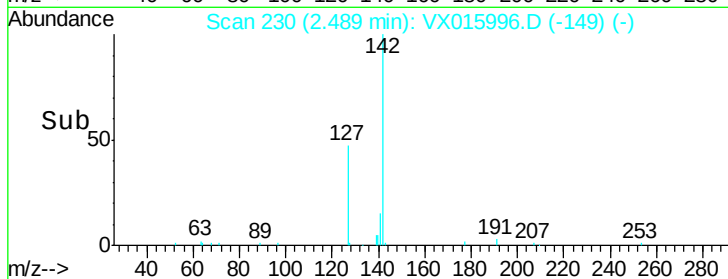
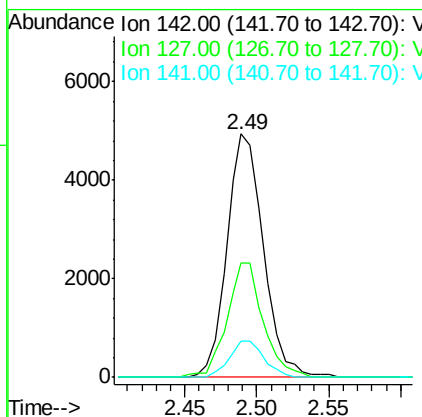
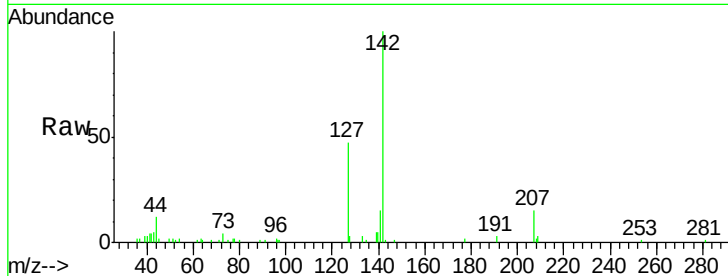
#11
Methvl Iodide
Concen: 2.234 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.3	22.8	68.4
141	15.0	7.0	21.1

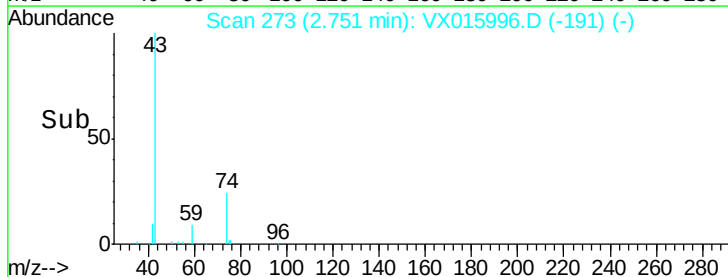
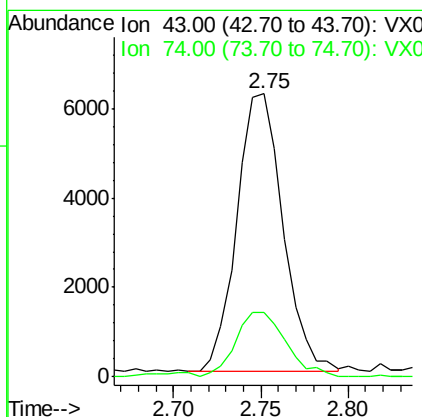
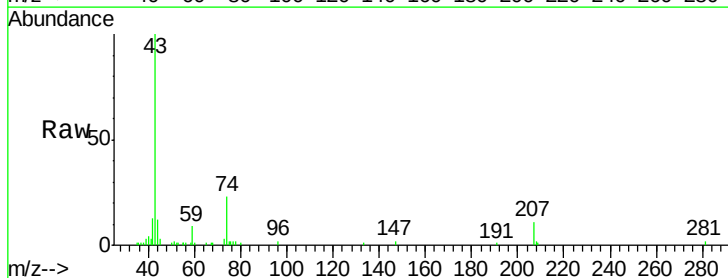
Manual Integrations
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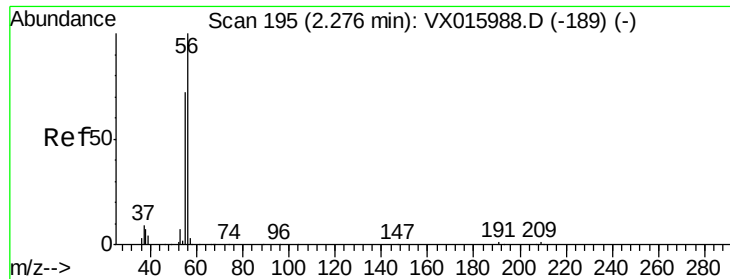
MMDadoda
5/4/2020 3:10:24 PM



#12
Methyl Acetate
Concen: 2.288 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.0	28.4





#13

Acrolein

Concen: 12.306 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 56 Resp: 4926

Ion Ratio Lower Upper

56 100

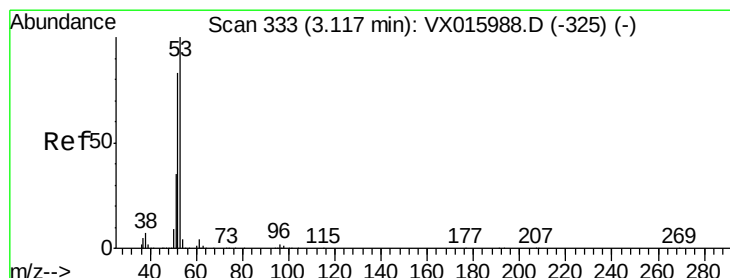
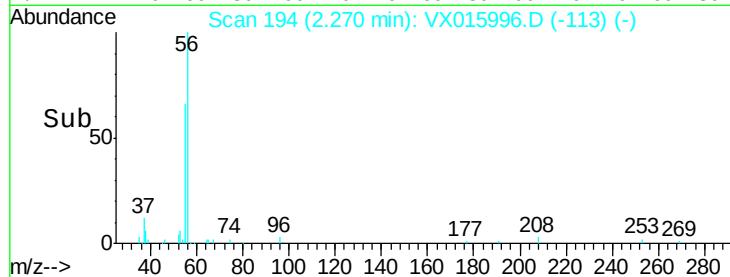
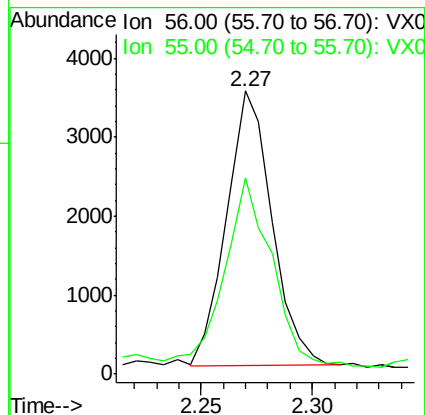
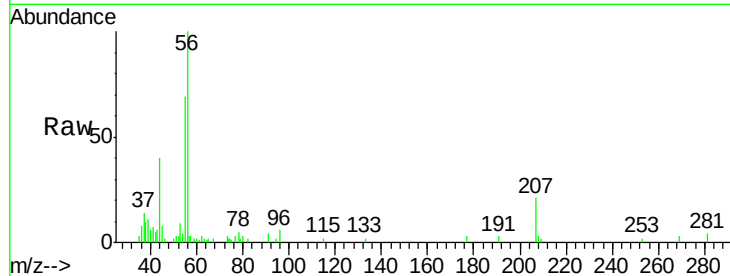
55 73.7 56.2 84.4

Manual Integrations

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#14

Acrylonitrile

Concen: 12.131 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

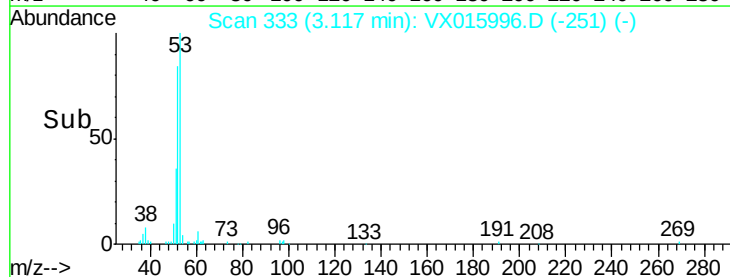
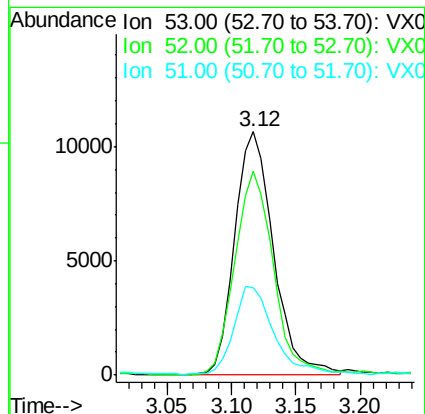
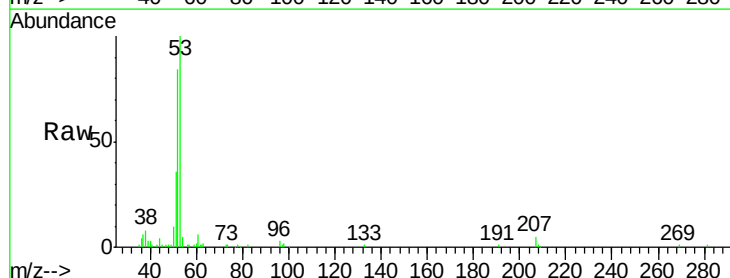
Tgt Ion: 53 Resp: 22374

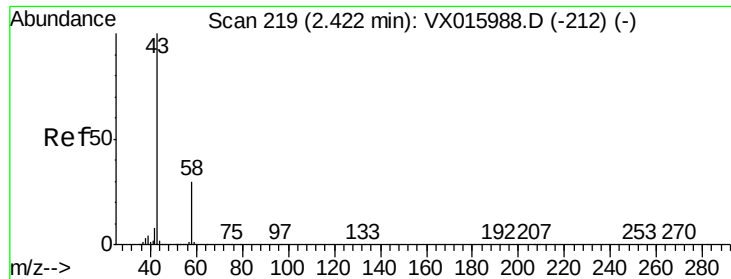
Ion Ratio Lower Upper

53 100

52 83.3 41.2 123.6

51 36.6 17.8 53.5





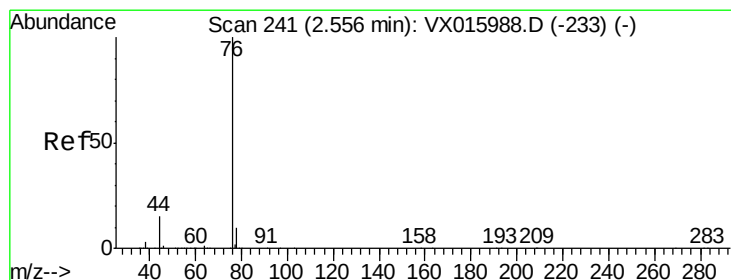
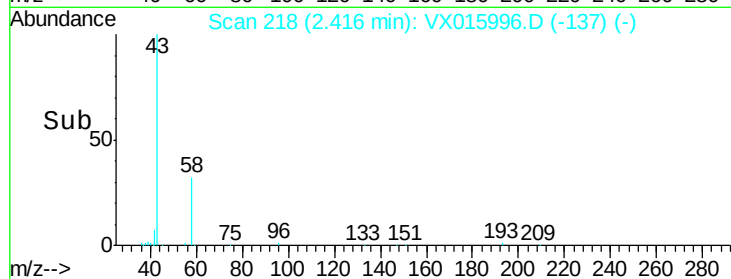
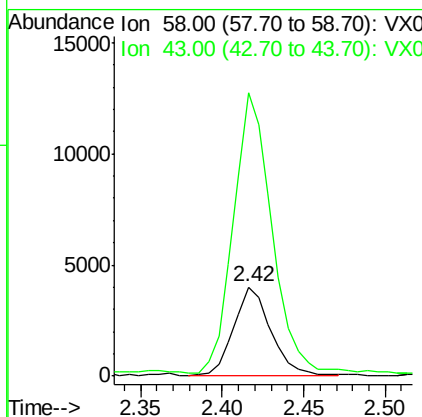
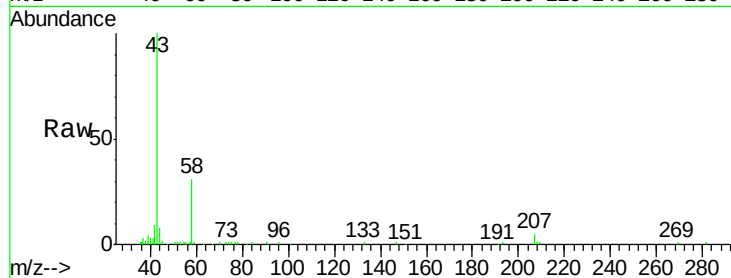
#15
Acetone
Concen: 13.264 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
58	100		
43	313.8	264.2	396.2

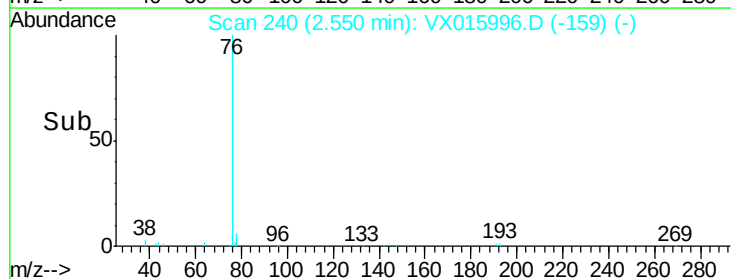
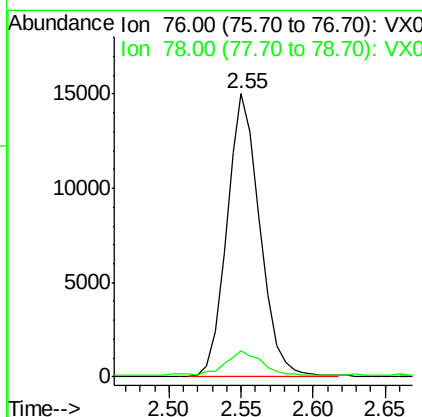
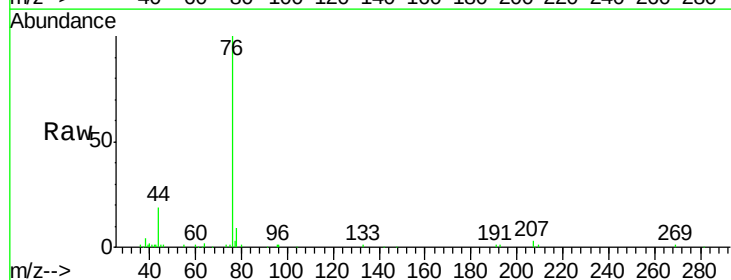
Manual Integrations
APPROVED

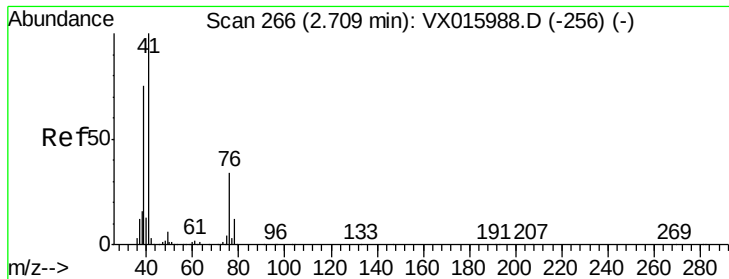
MMDadoda
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#16
Carbon Disulfide
Concen: 2.762 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.7	11.5





#17

Allvl chloride

Concen: 2.324 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

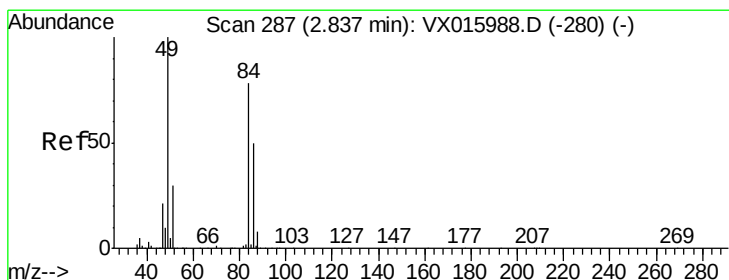
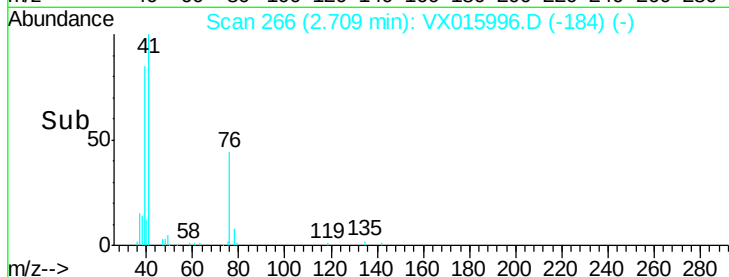
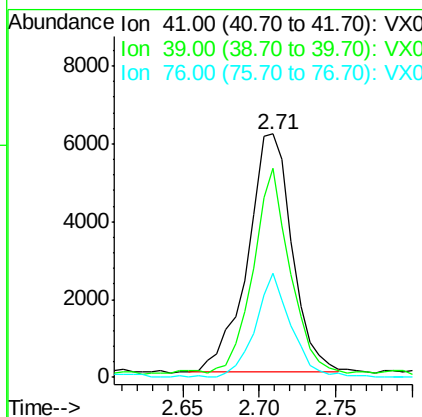
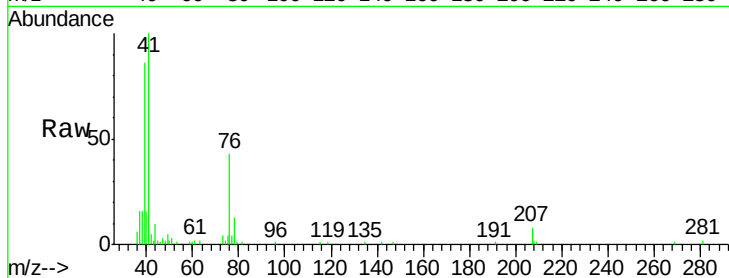
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	41	Resp:	12327
Ion	Ratio	Lower	Upper
41	100		
39	85.0	37.6	112.8
76	43.9	17.2	51.5

Manual Integrations
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#18

Methylene Chloride

Concen: 2.675 ug/l

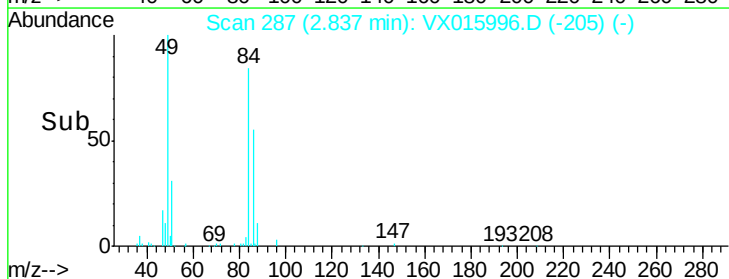
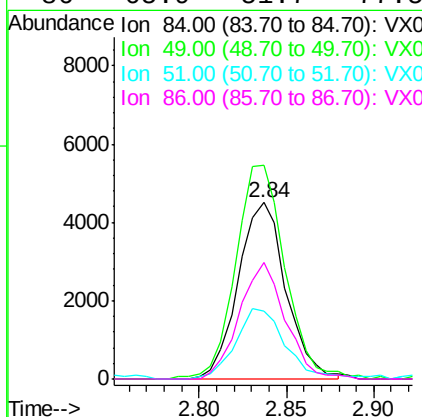
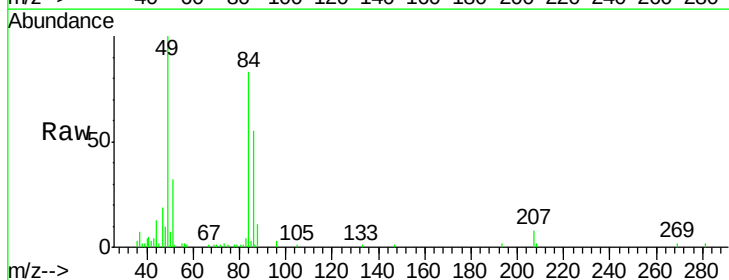
RT: 2.84 min Scan# 287

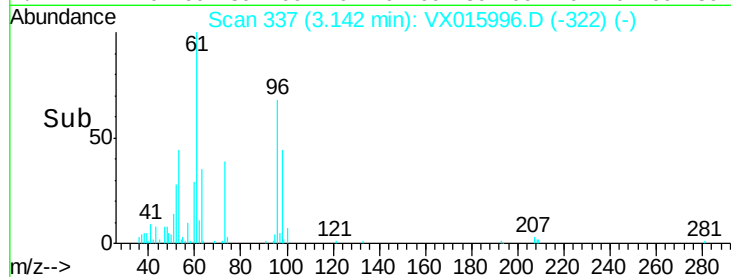
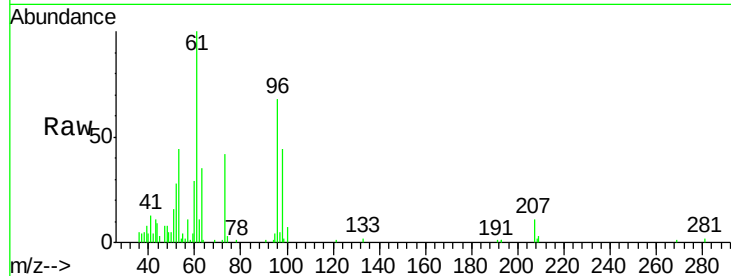
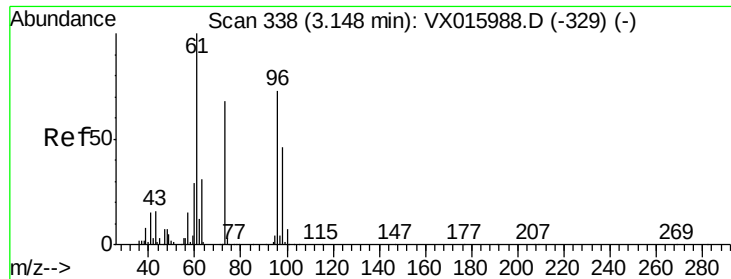
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	84	Resp:	8569
Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.0	154.4
51	38.8	31.4	47.0
86	65.9	51.7	77.5





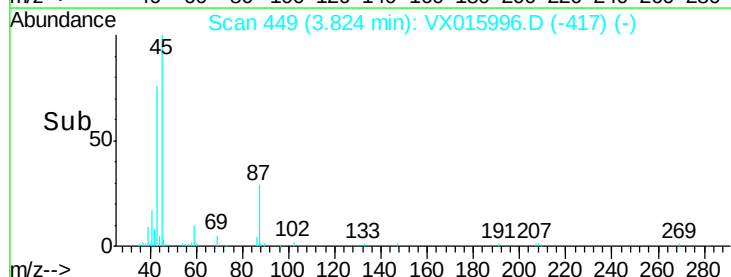
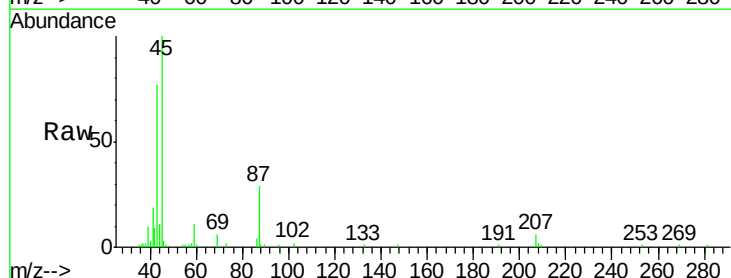
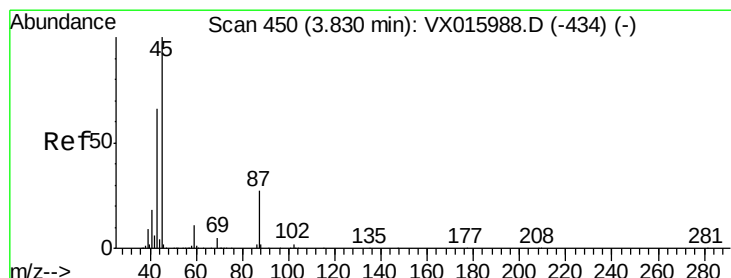
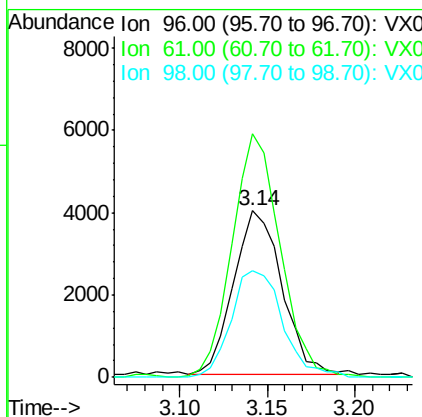
#19
trans-1,2-Dichloroethene
Concen: 2.449 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	109.0	163.4
98	65.1	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

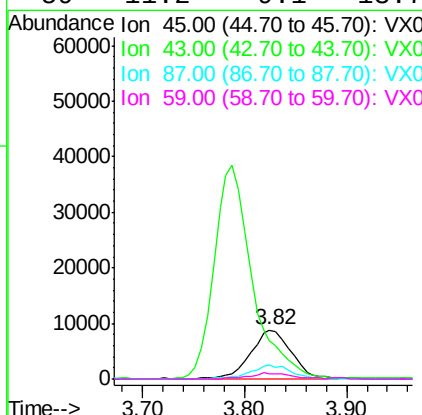
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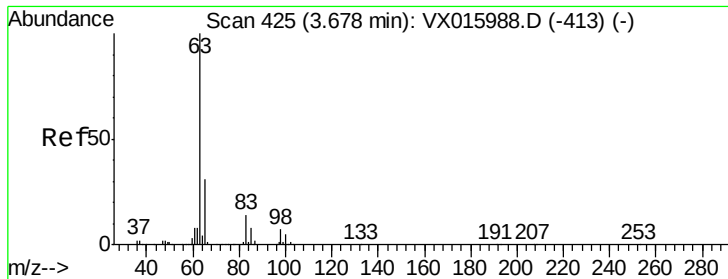
MMDadoda
5/4/2020 3:10:24 PM



#20
Diisopropyl ether
Concen: 2.397 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.4	53.0	79.4
87	28.9	21.9	32.9
59	11.2	9.1	13.7





#21

1,1-Dichloroethane

Concen: 2.460 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

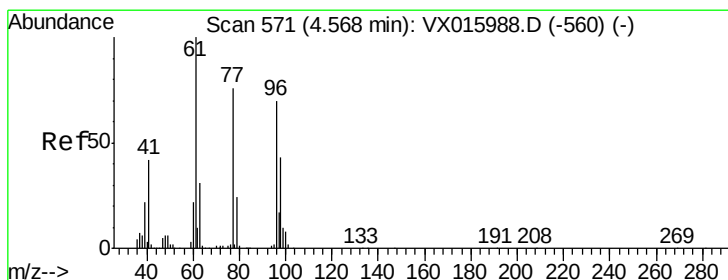
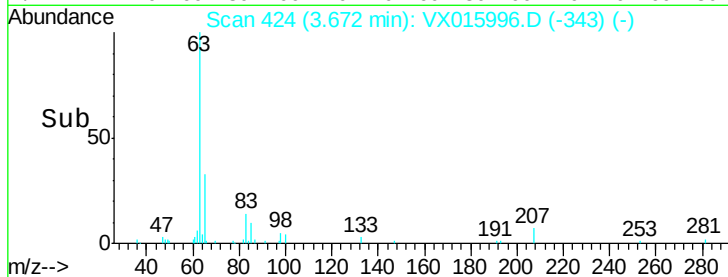
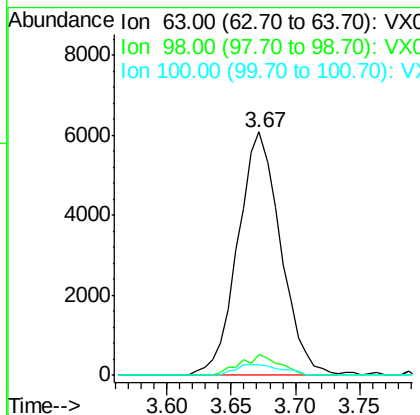
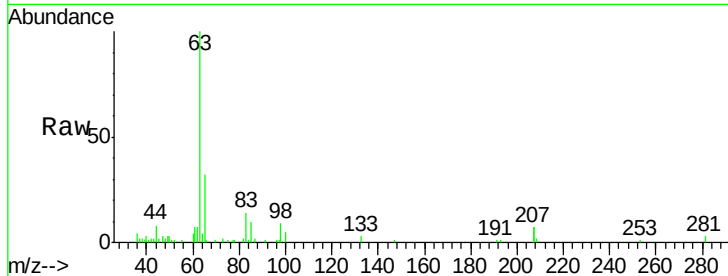
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	63	Resp:	14029
Ion Ratio	Lower	Upper	
63	100		
98	8.6	3.5	10.4
100	4.6	2.3	6.9

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#22

cis-1,2-Dichloroethene

Concen: 2.645 ug/l

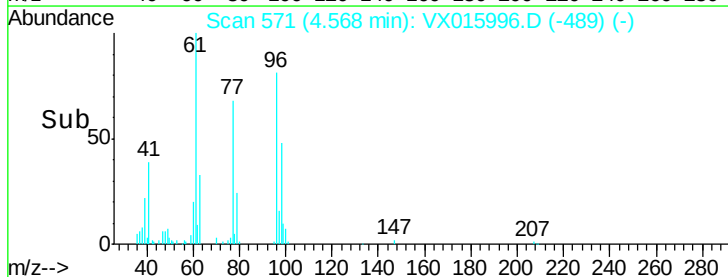
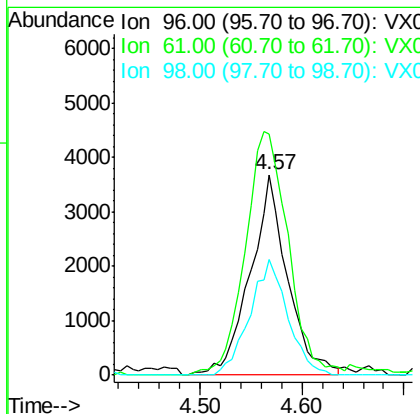
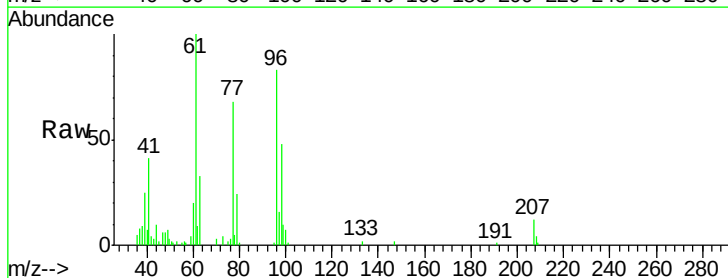
RT: 4.57 min Scan# 571

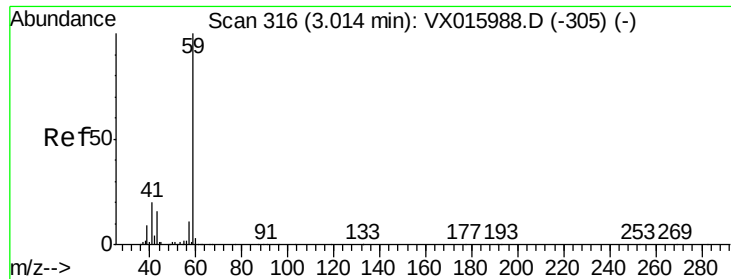
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	96	Resp:	9389
Ion Ratio	Lower	Upper	
96	100		
61	138.2	121.6	182.4
98	58.7	51.9	77.9





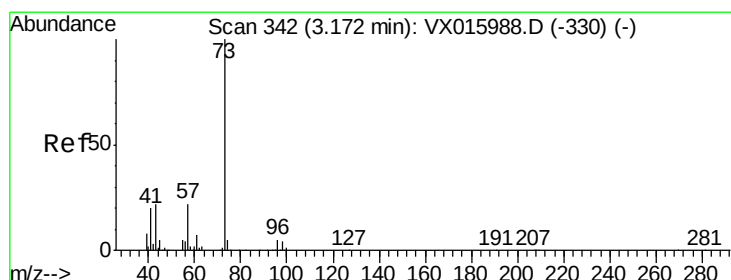
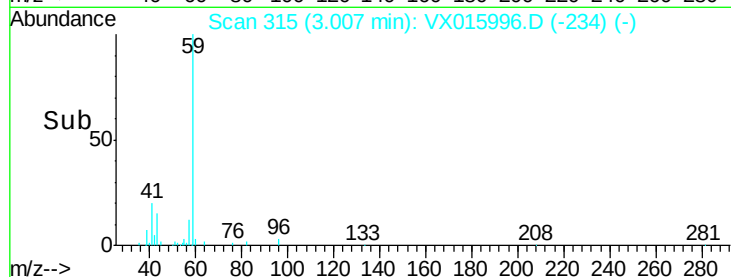
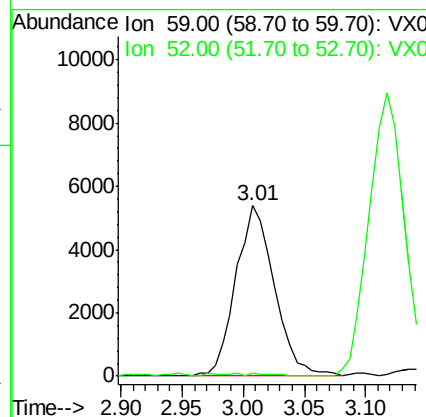
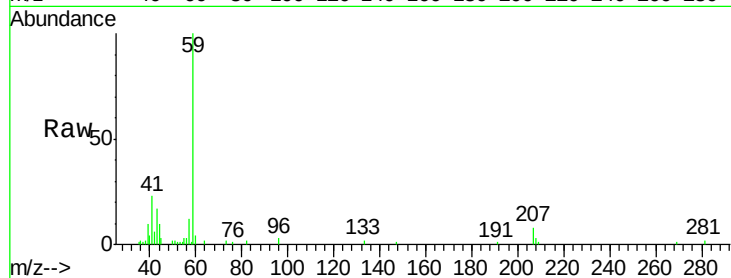
#23
 tert-Butyl Alcohol
 Concen: 13.129 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion: 59 Resp: 11853
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.1 0.1#

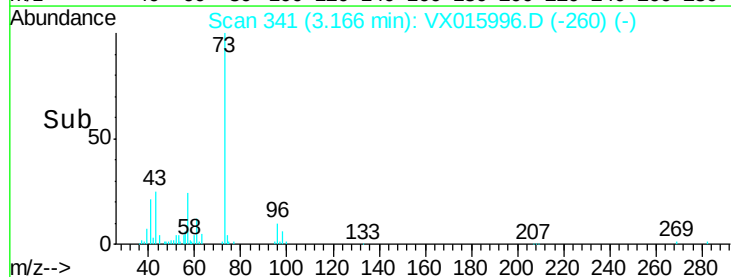
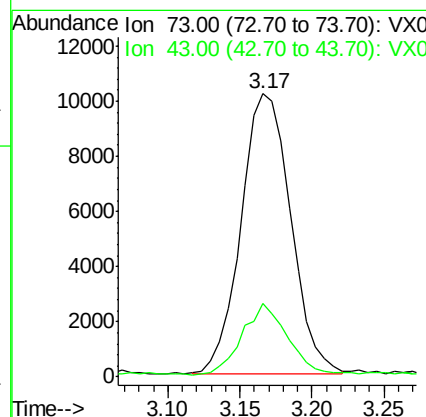
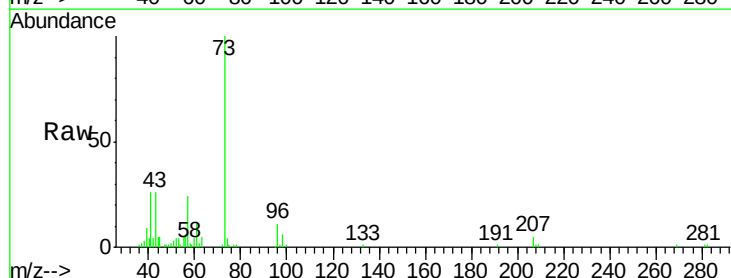
Manual Integrations
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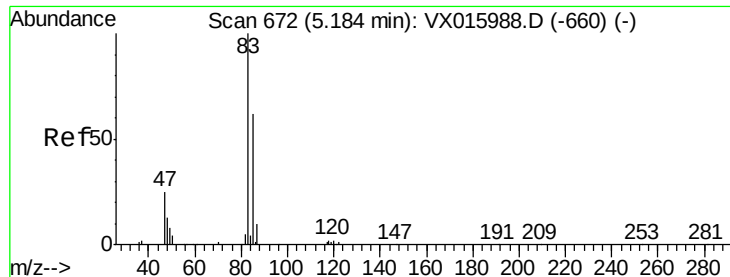
MMDadoda
 5/4/2020 3:10:24 PM



#24
 Methyl tert-Butyl Ether
 Concen: 2.353 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 73 Resp: 24168
 Ion Ratio Lower Upper
 73 100
 43 23.3 17.8 26.6





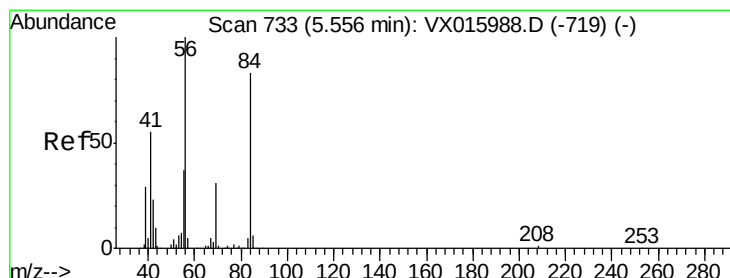
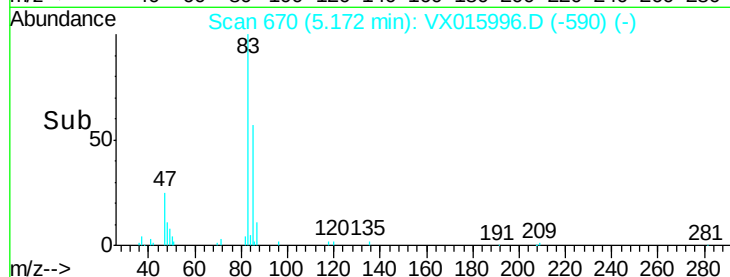
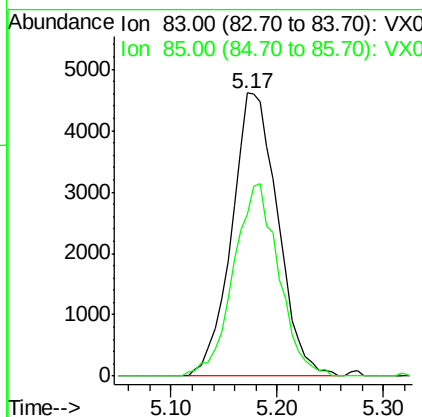
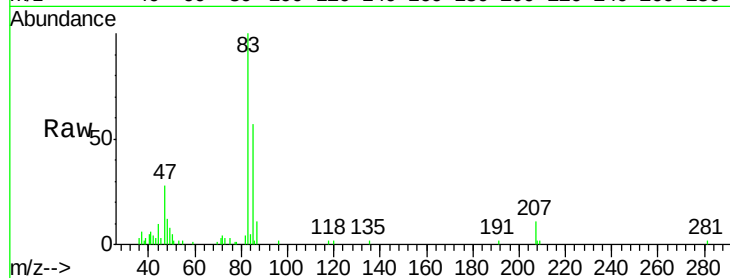
#25
Chloroform
Concen: 2.412 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	83	Resp	13970
Ion Ratio	Lower	Upper	
83	100		
85	57.2	49.6	74.4

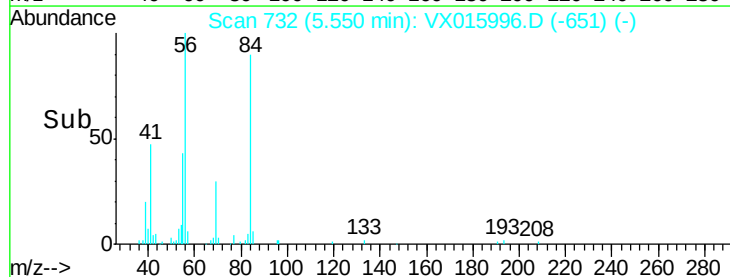
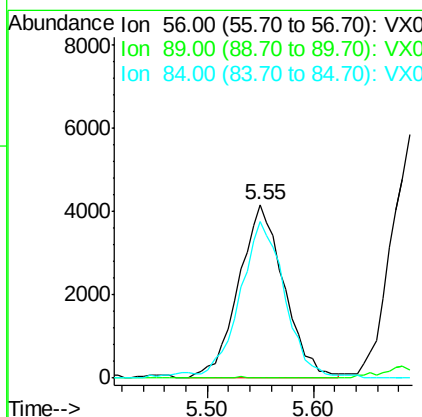
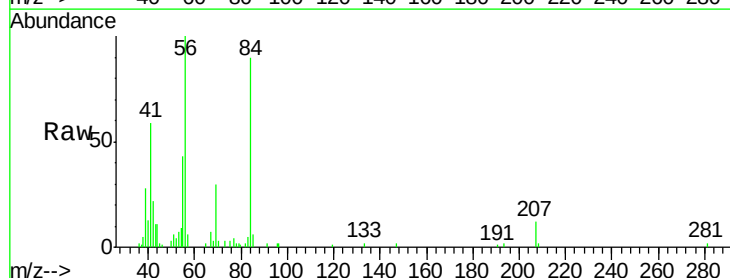
Manual Integrations
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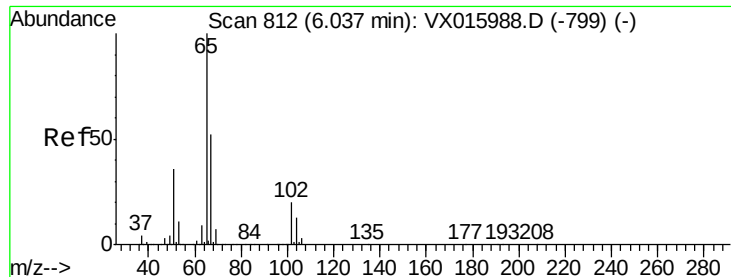
MMDadoda
5/4/2020 3:10:24 PM



#26
Cyclohexane
Concen: 2.393 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	56	Resp	12480
Ion Ratio	Lower	Upper	
56	100		
89	1.0	0.1	0.1#
84	85.3	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 30.340 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 65 Resp: 116536

Ion Ratio Lower Upper

65 100

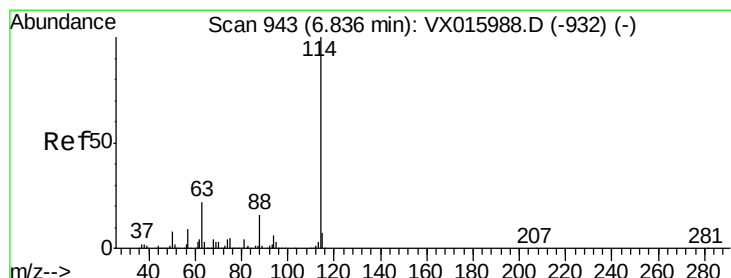
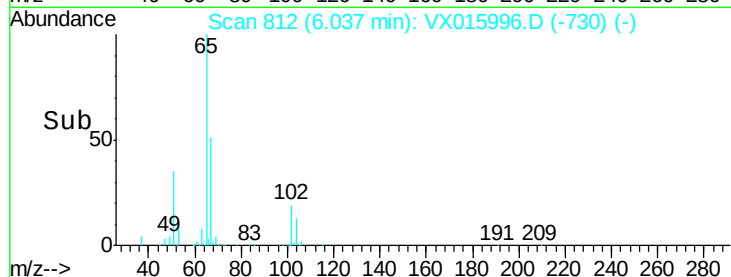
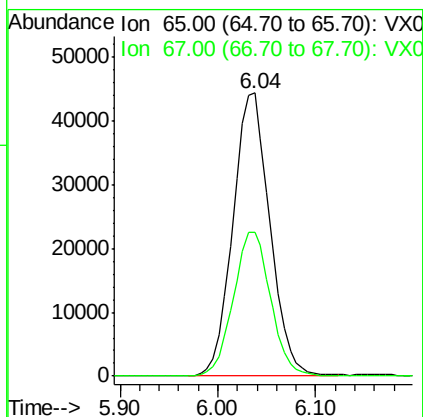
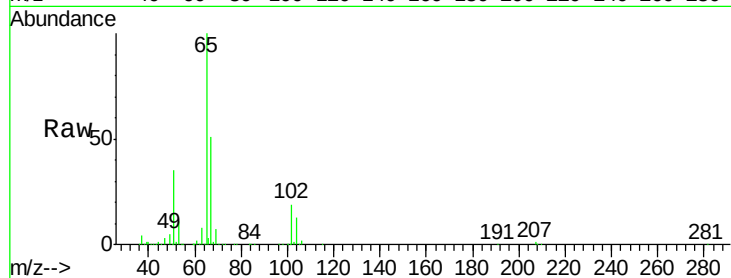
67 51.2 41.0 61.4

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

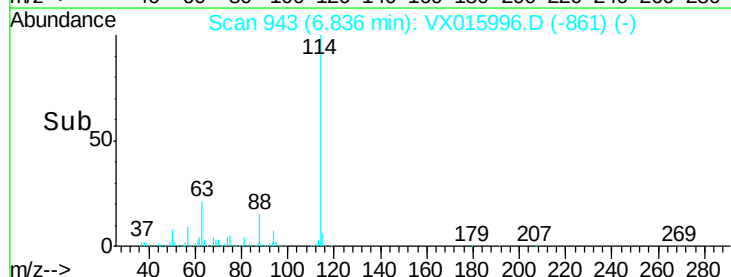
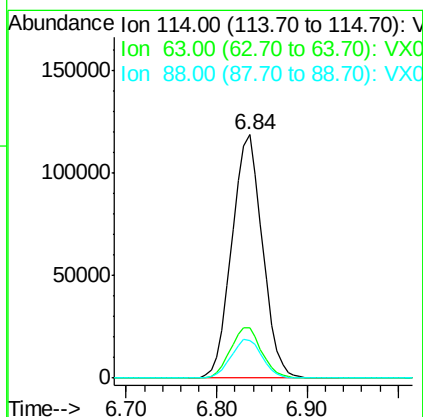
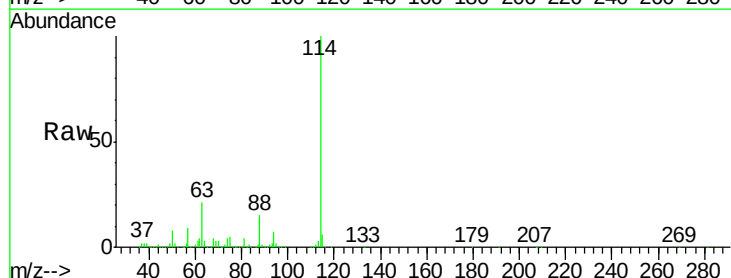
Tgt Ion: 114 Resp: 277127

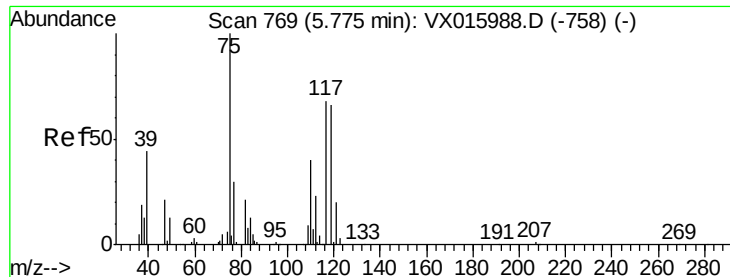
Ion Ratio Lower Upper

114 100

63 21.3 17.1 25.7

88 16.1 13.0 19.4





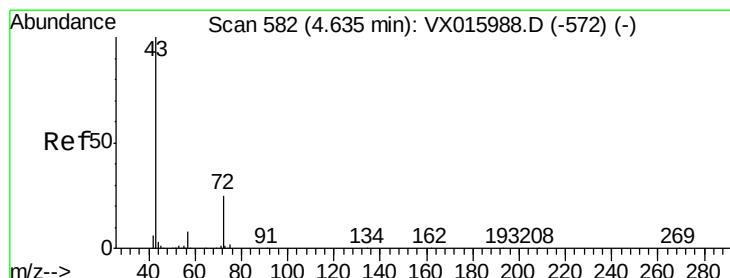
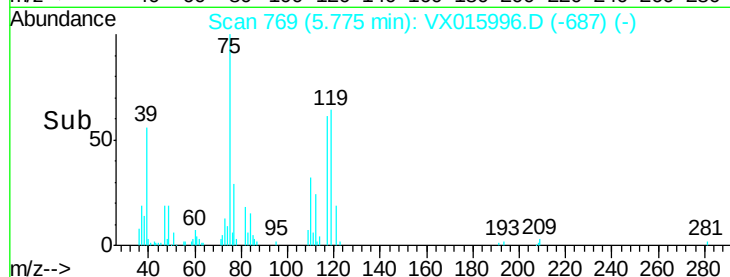
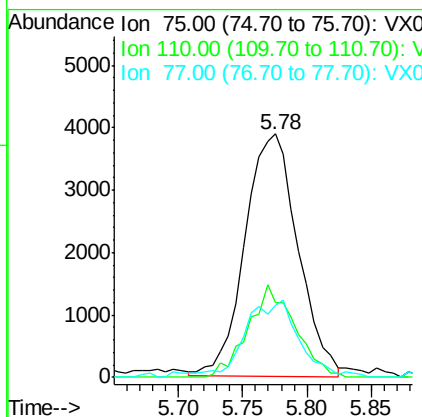
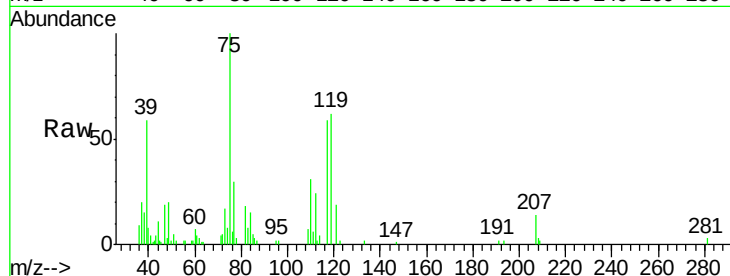
#29
 1,1-Dichloropropene
 Concen: 2.533 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.9	0.0	71.0	
77	14.8	0.0	64.2	

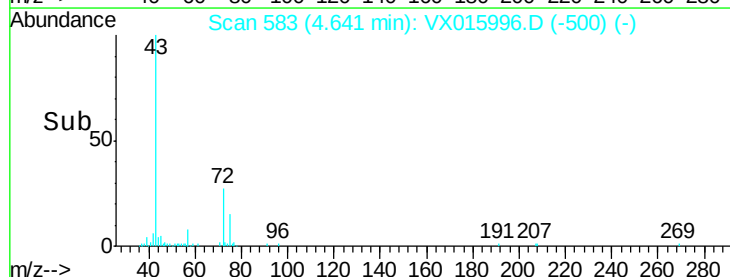
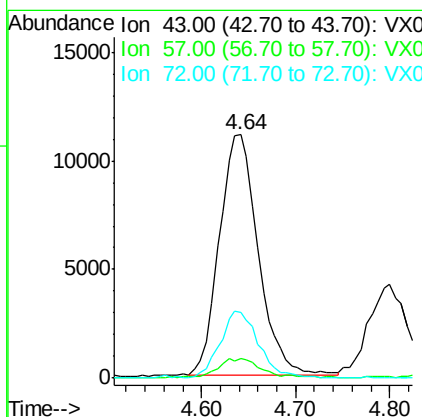
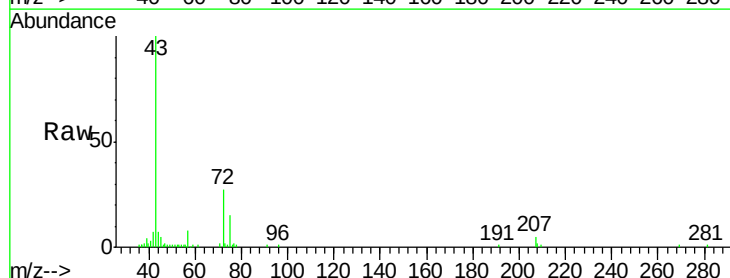
Manual Integrations
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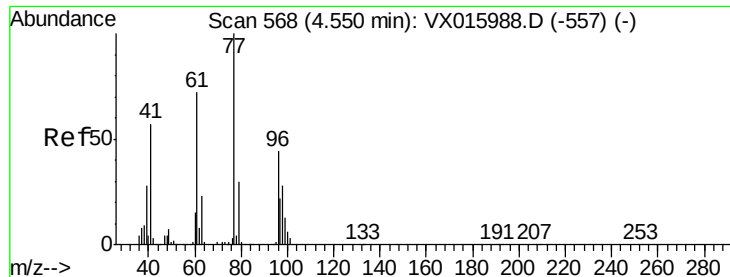
MMDadoda
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#30
 2-Butanone
 Concen: 12.127 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	3.5	6.3	9.5#	
72	27.6	20.8	31.2	





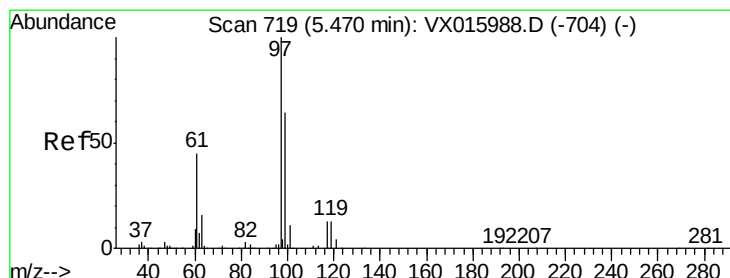
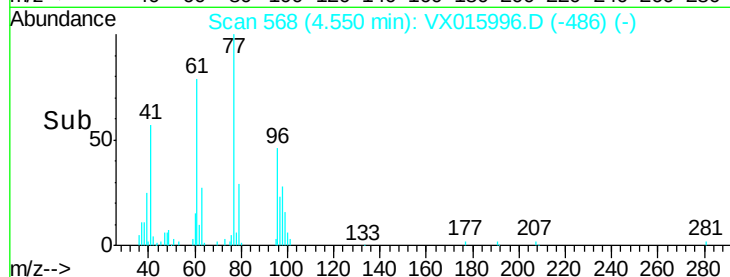
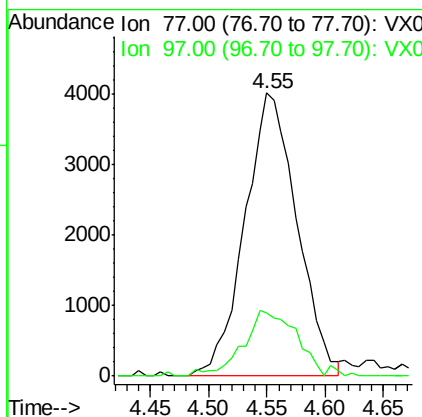
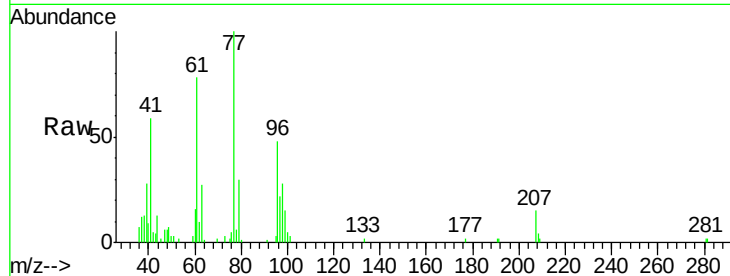
#31
 2,2-Dichloropropane
 Concen: 2.374 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.0	17.8	26.8

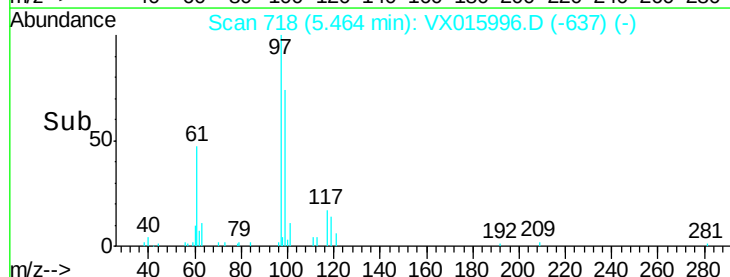
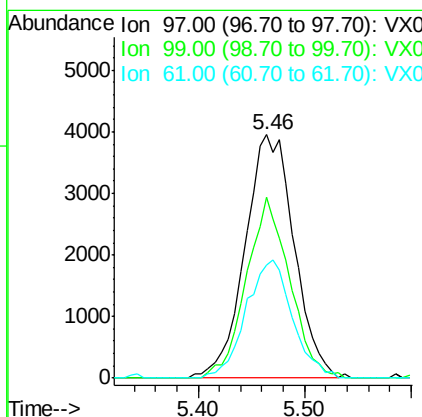
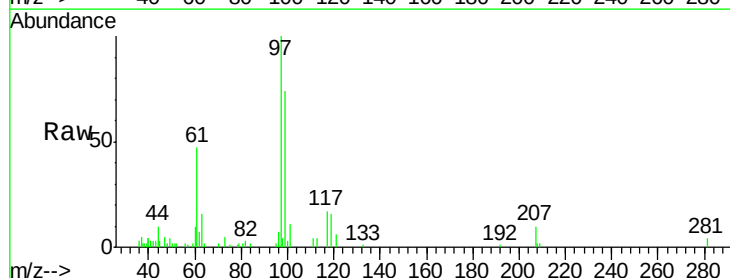
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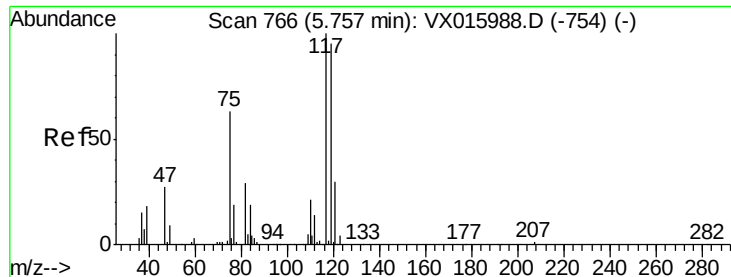
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 2.413 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.7	76.1
61	45.9	35.9	53.9





#33

Carbon Tetrachloride

Concen: 2.332 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

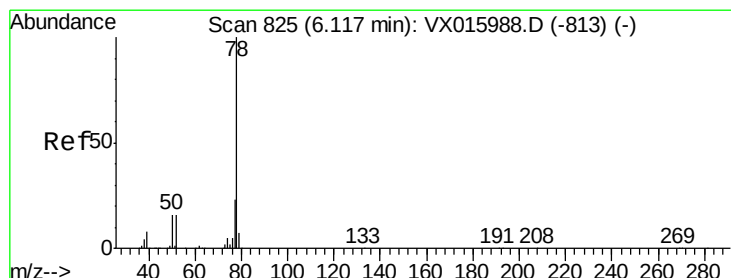
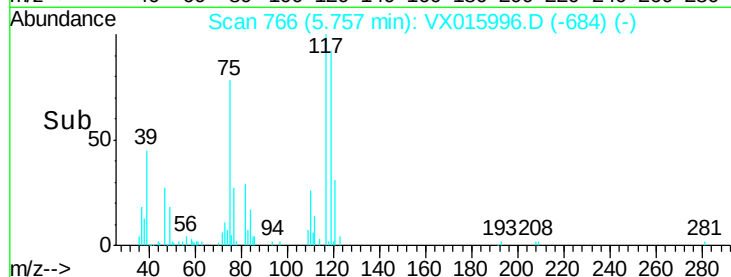
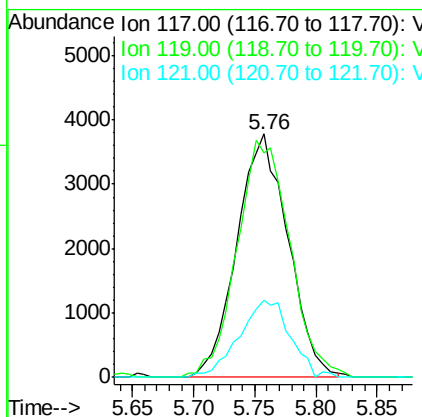
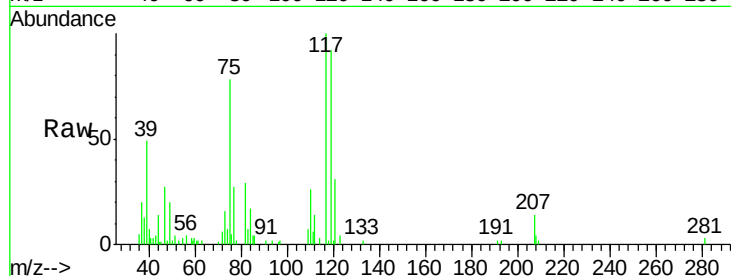
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	117	Resp:	10979
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.3	114.5
121	31.5	24.2	36.4

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#34

Benzene

Concen: 2.437 ug/l

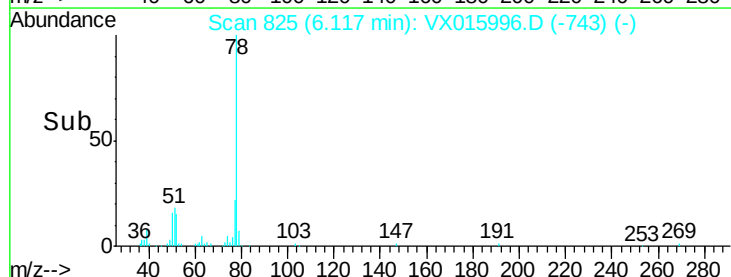
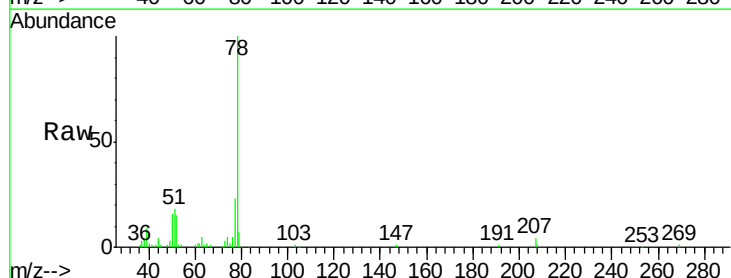
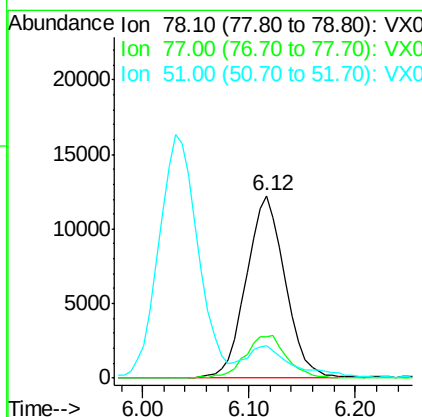
RT: 6.12 min Scan# 825

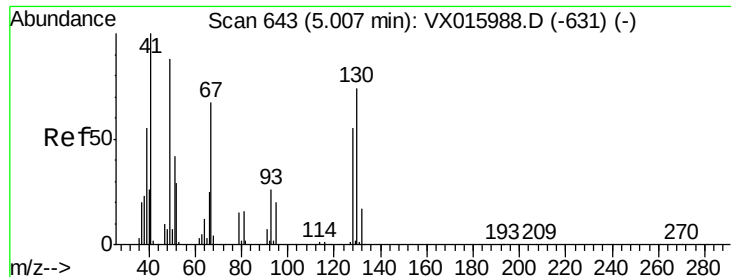
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	78	Resp:	31023
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.7	28.1
51	14.9	12.7	19.1





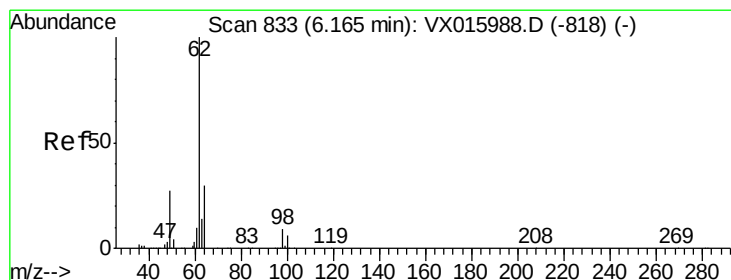
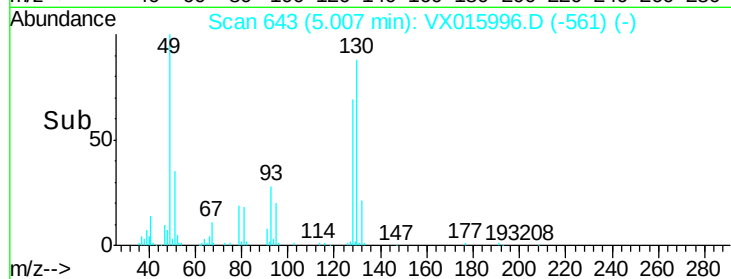
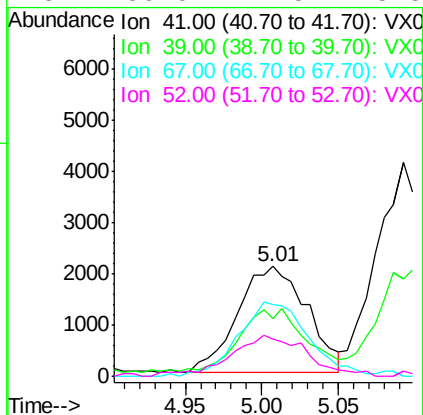
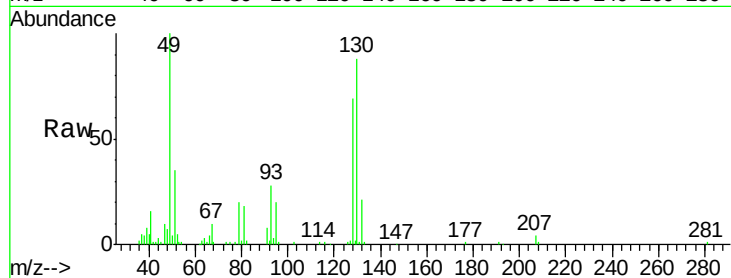
#35
Methacrylonitrile
Concen: 2.375 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.9	27.5	82.4
67	64.7	33.6	100.6
52	30.0	14.5	43.5

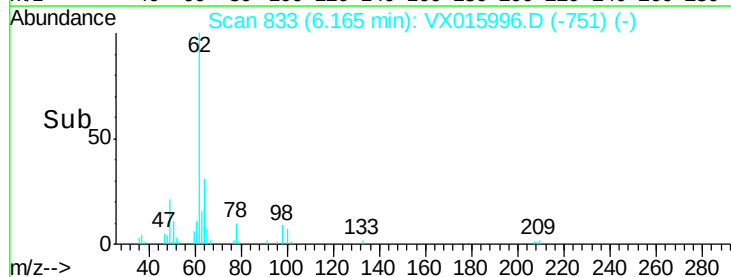
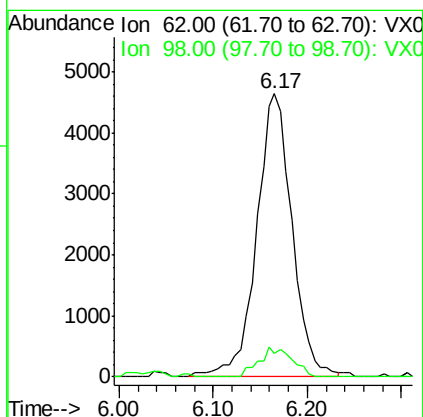
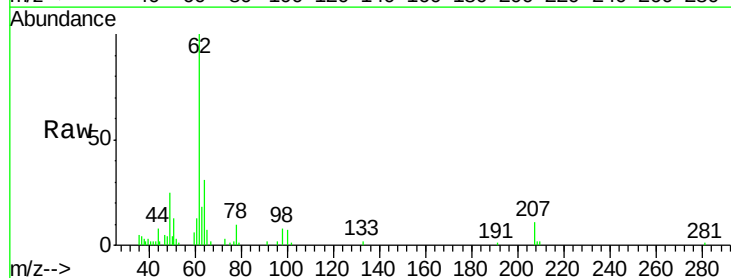
Manual Integrations
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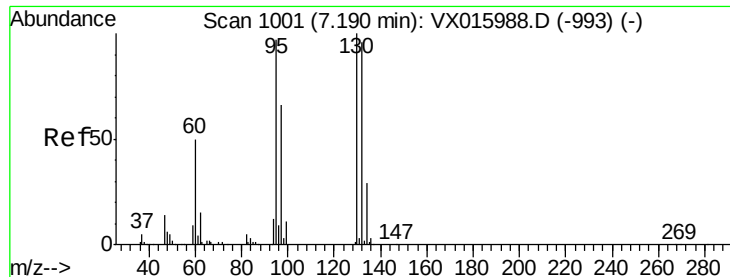
MMDadoda
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#36
1,2-Dichloroethane
Concen: 2.514 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.1	7.4	11.2#





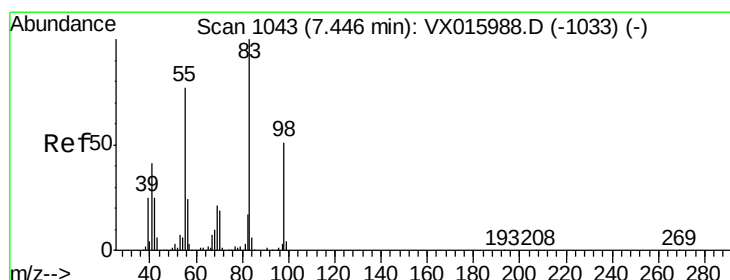
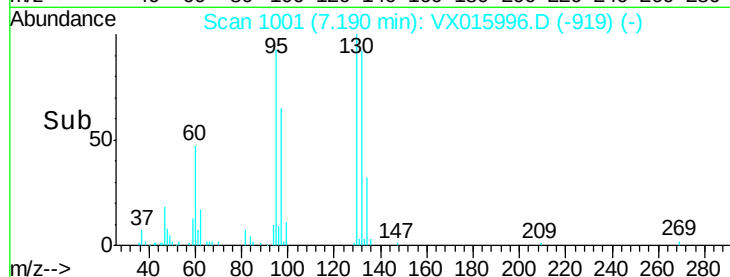
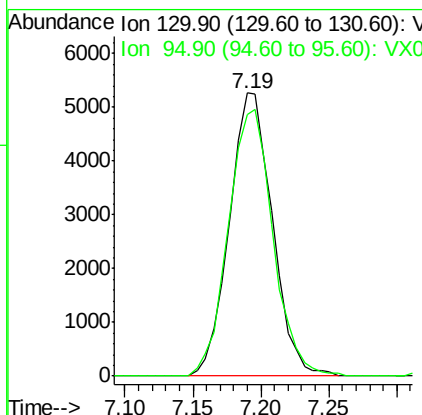
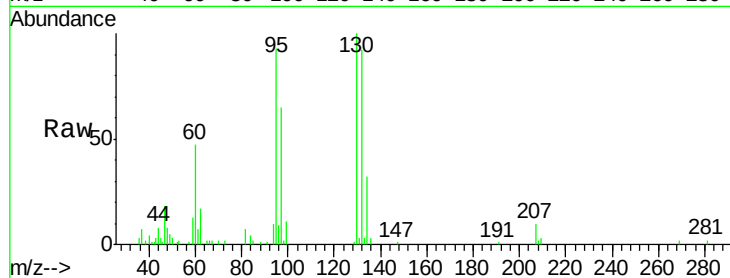
#37
 Trichloroethene
 Concen: 2.565 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
130	100		
95	92.6	77.8	116.8

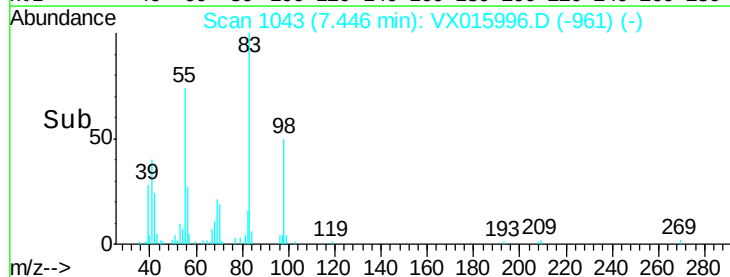
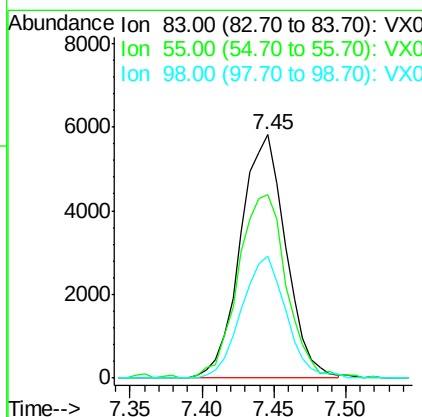
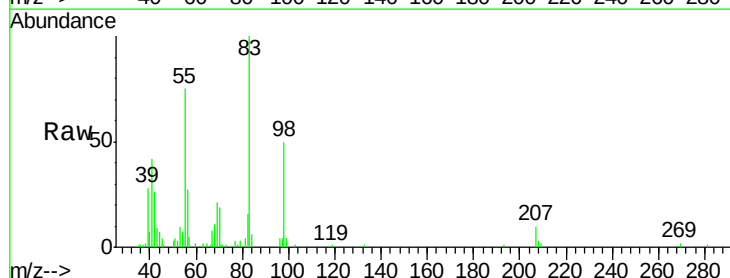
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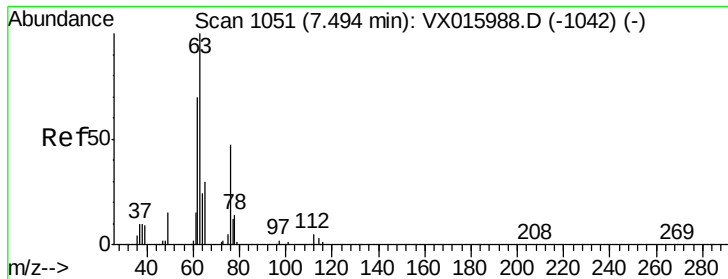
MMDadoda
 5/4/2020 3:10:24 PM



#38
 Methylcyclohexane
 Concen: 2.386 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	38.8	116.4
98	49.0	25.1	75.3





#39

1,2-Dichloropropane

Concen: 2.402 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 7851

Ion Ratio Lower Upper

63 100

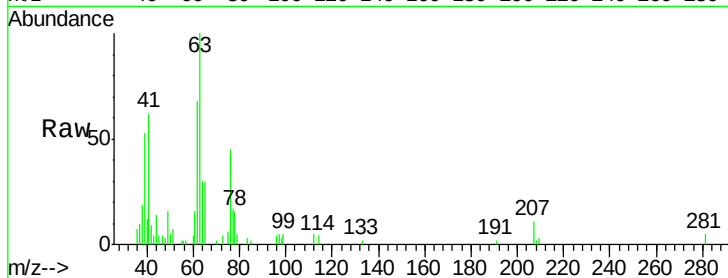
65 30.3 25.9 38.9

Manual Integrations

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

4000

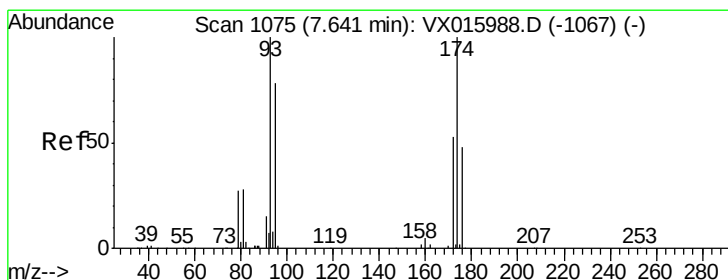
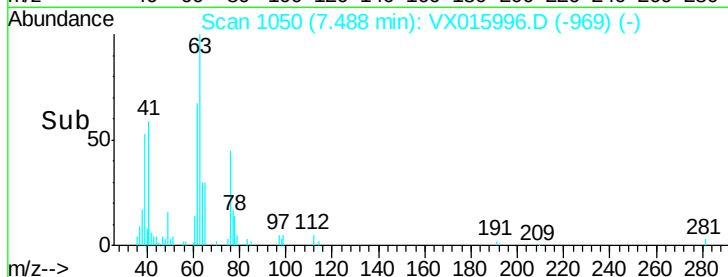
3000

2000

1000

0

Time-->



#40

Dibromomethane

Concen: 2.596 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

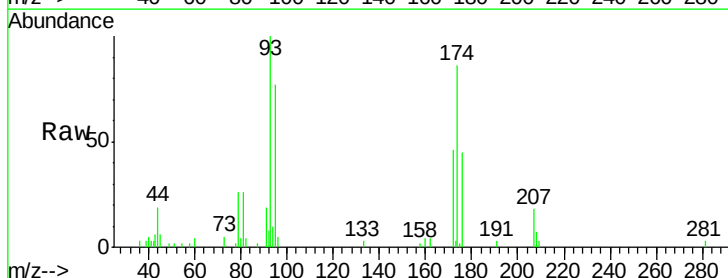
Tgt Ion: 93 Resp: 5890

Ion Ratio Lower Upper

93 100

95 80.1 0.0 162.8

174 97.2 0.0 204.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.64

4000

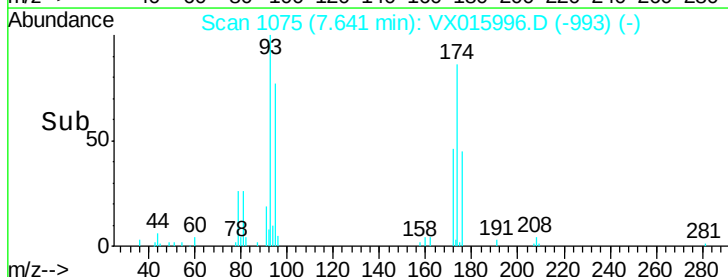
3000

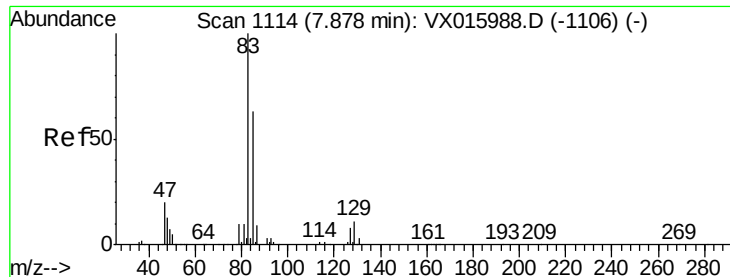
2000

1000

0

Time-->





#41

Bromodichloromethane

Concen: 2.291 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

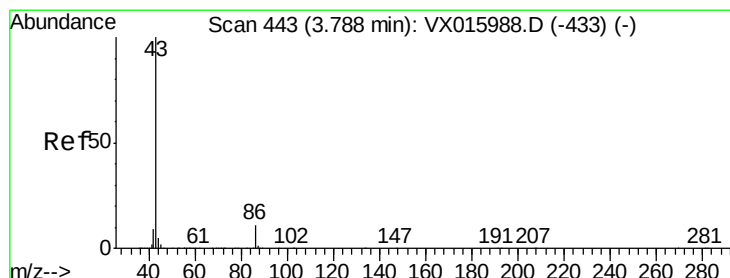
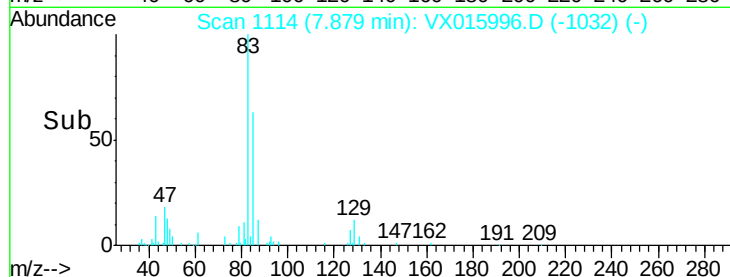
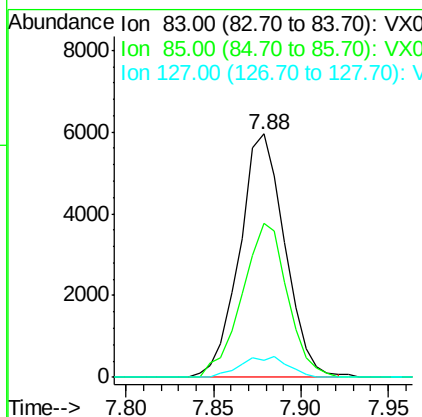
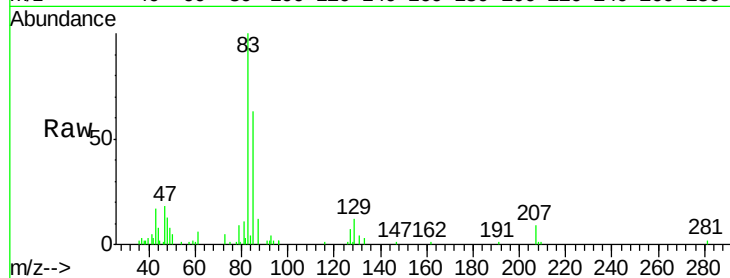
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	83	Resp:	10717
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.4	75.6
127	7.2	6.7	10.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 11.622 ug/l

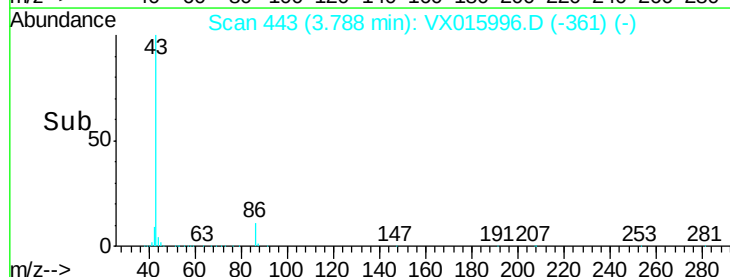
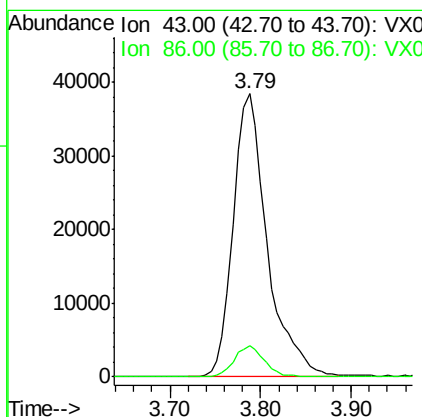
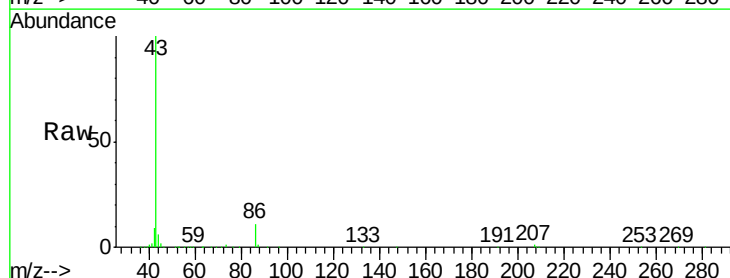
RT: 3.79 min Scan# 443

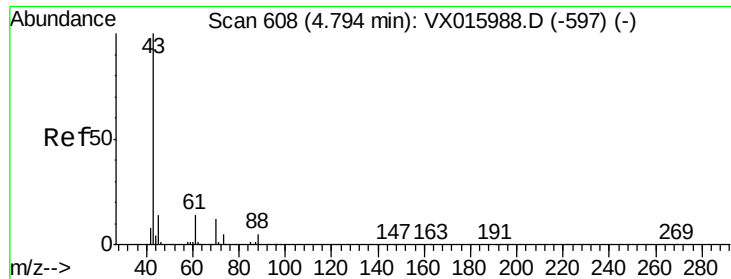
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	43	Resp:	99858
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





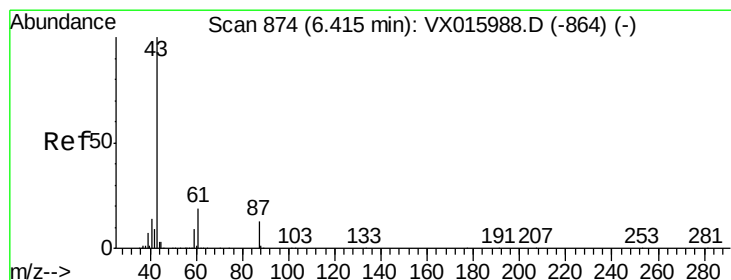
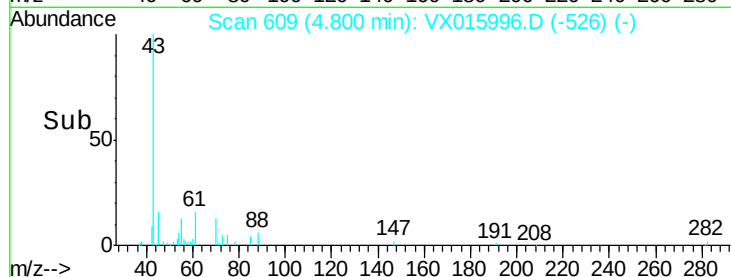
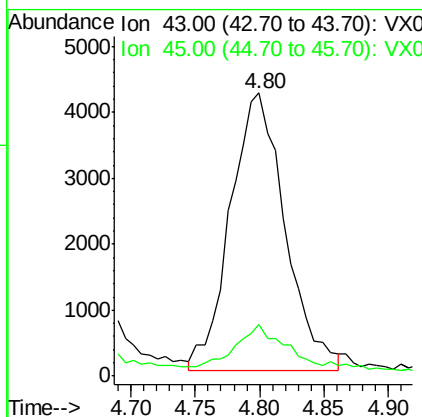
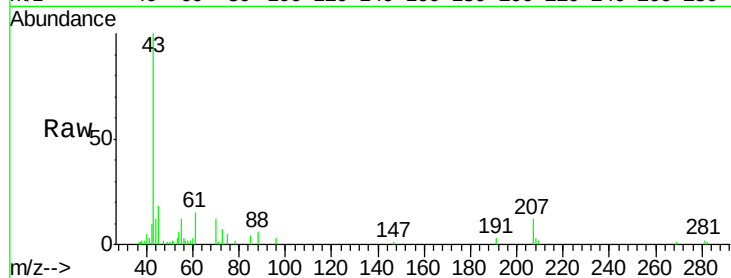
#43
Ethyl Acetate
Concen: 2.442 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	43	Resp	12508
Ion Ratio	100	Lower	Upper
45	13.0	11.9	17.9

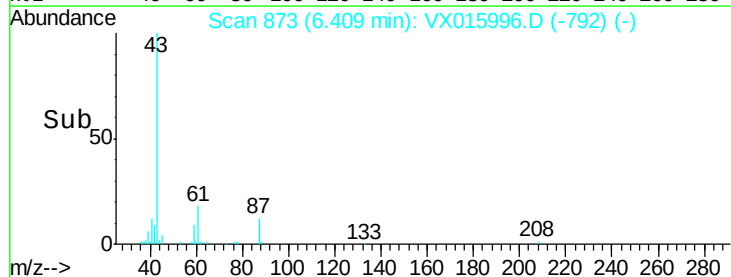
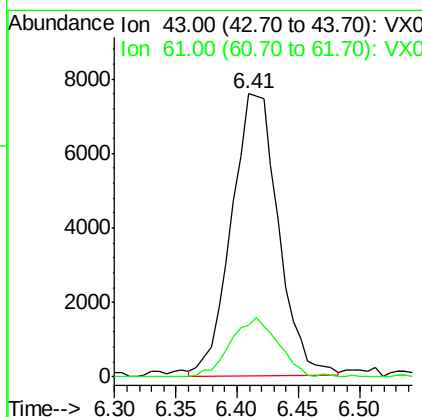
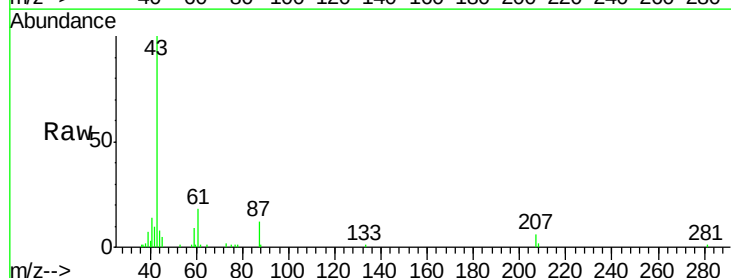
Manual Integrations
APPROVED

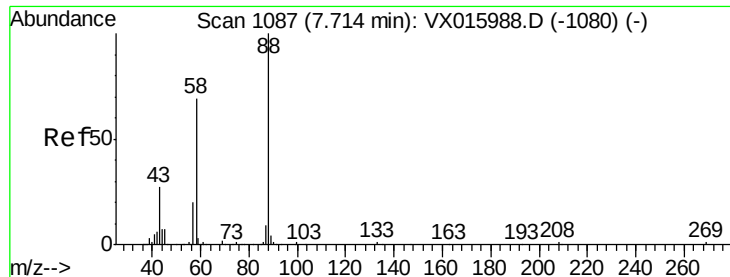
MMDadoda
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#44
Isopropyl Acetate
Concen: 2.435 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	43	Resp	20245
Ion Ratio	100	Lower	Upper
61	21.1	16.1	24.1





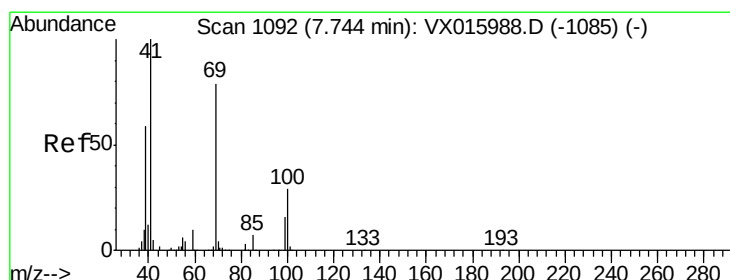
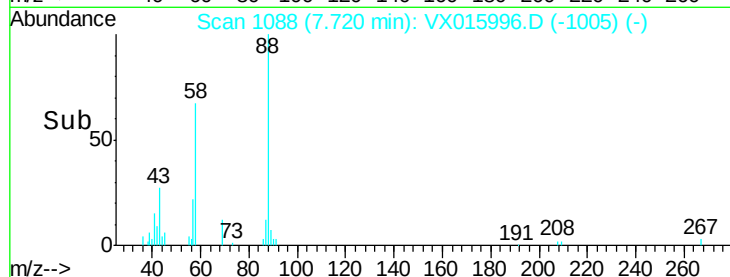
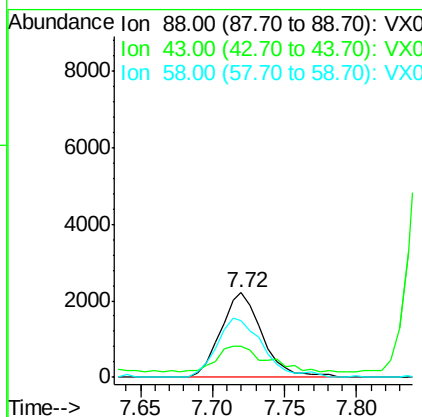
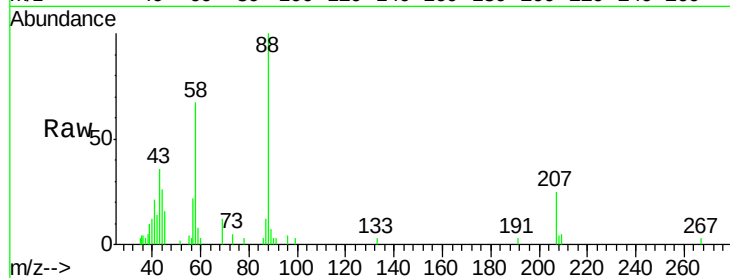
#45
1,4-Dioxane
Concen: 50.424 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	88	Resp:	4428
Ion	Ratio	Lower	Upper
88	100		
43	28.4	26.3	39.5
58	75.9	57.0	85.6

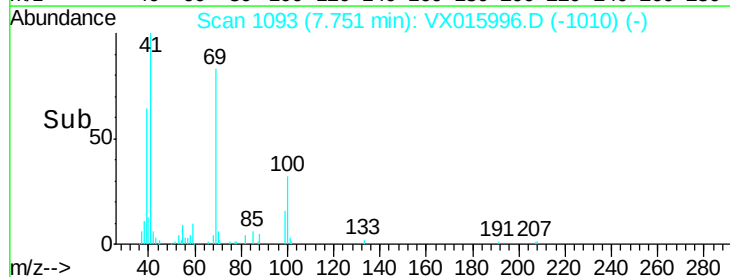
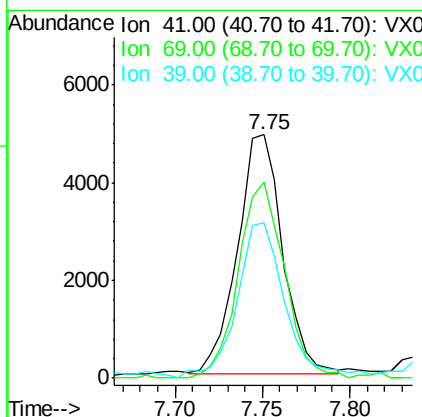
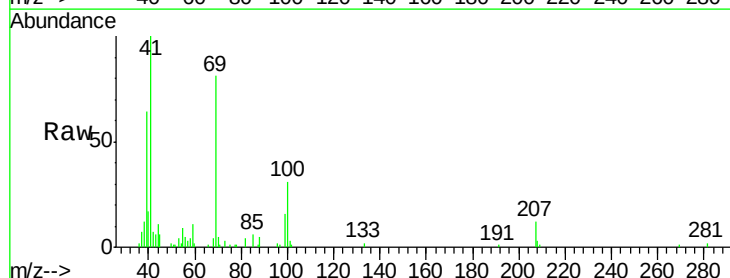
Manual Integrations
APPROVED

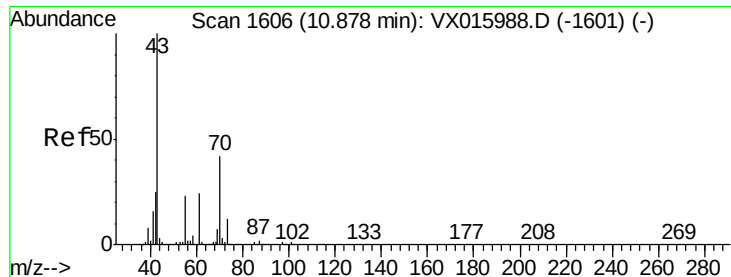
MMDadoda
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#46
Methyl methacrylate
Concen: 2.225 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion:	41	Resp:	8768
Ion	Ratio	Lower	Upper
41	100		
69	82.7	39.5	118.5
39	62.1	29.6	88.9





#47

n-amvl Acetate

Concen: 2.208 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 16049

Ion Ratio Lower Upper

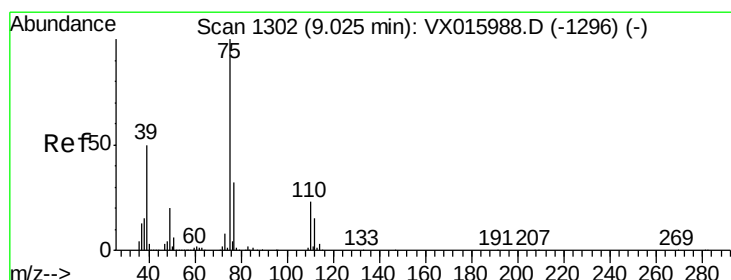
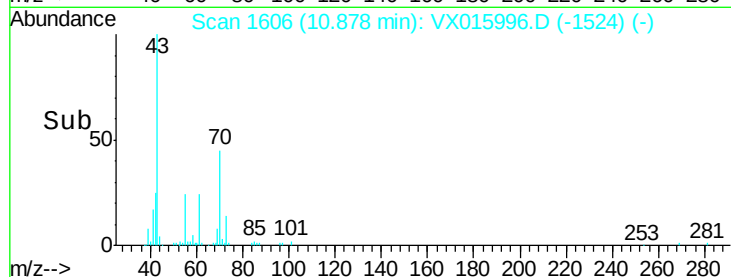
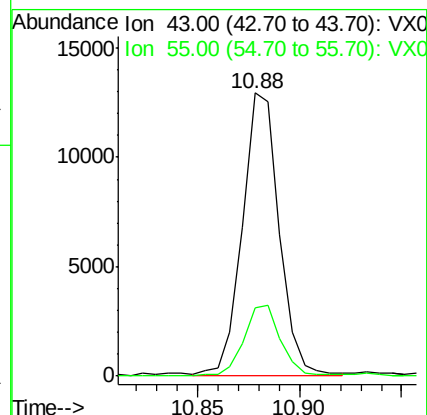
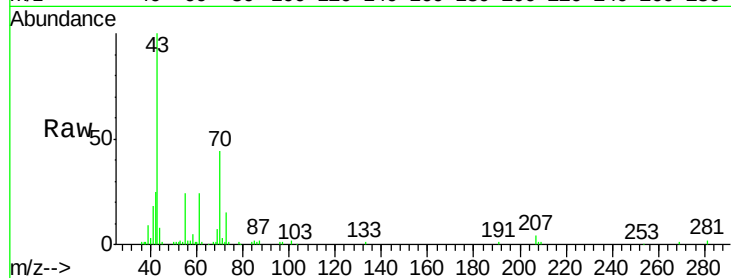
43 100

55 24.9 19.0 28.4

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 2.358 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015996.D

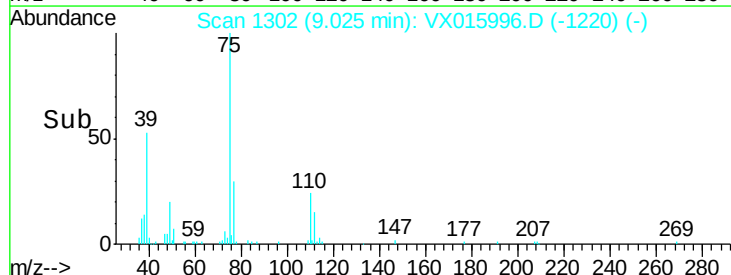
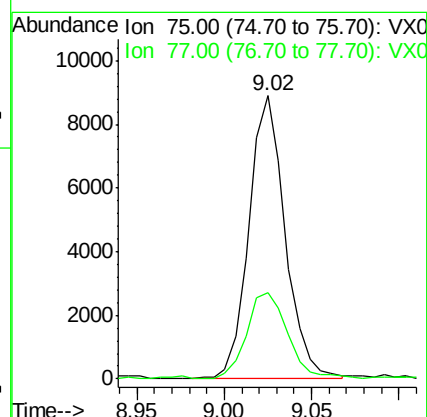
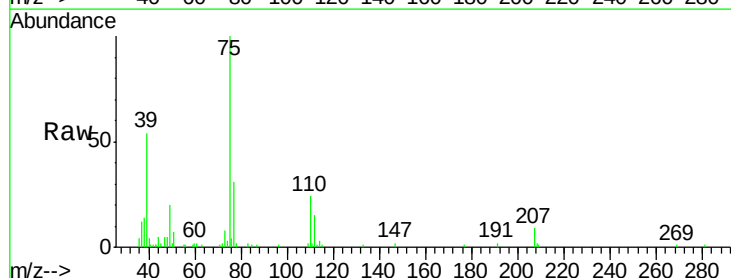
Acq: 30 Apr 2020 15:37

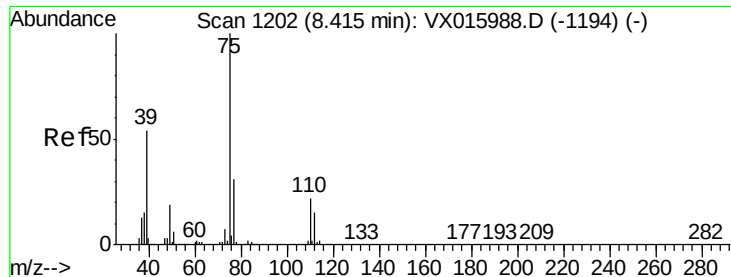
Tgt Ion: 75 Resp: 12811

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8





#49

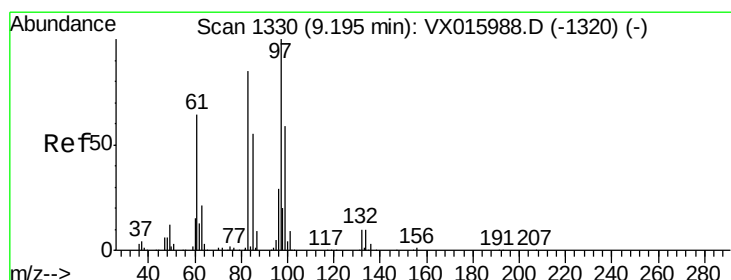
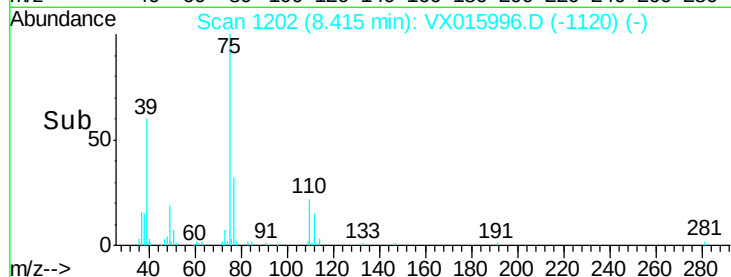
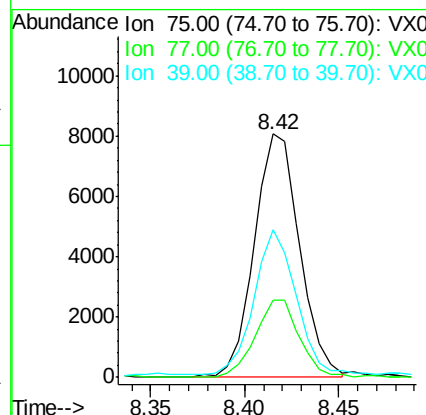
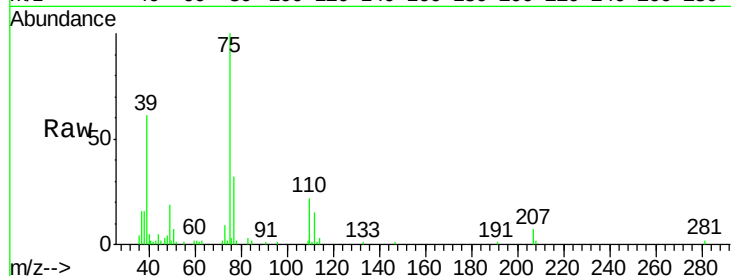
cis-1,3-Dichloropropene
Concen: 2.399 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	75	Resp:	13464
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6
39	59.7	43.2	64.8

Manual Integrations
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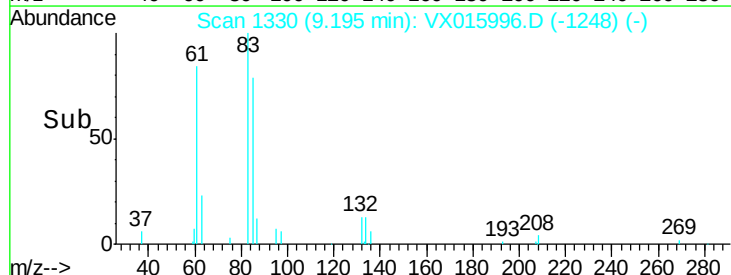
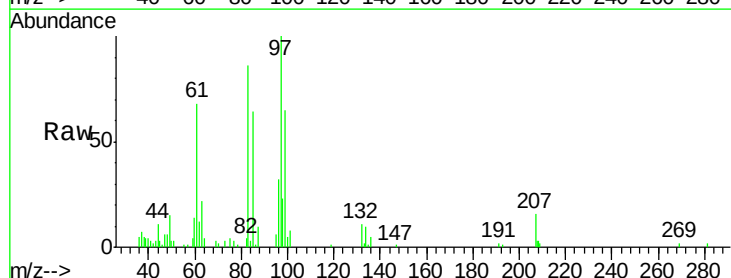
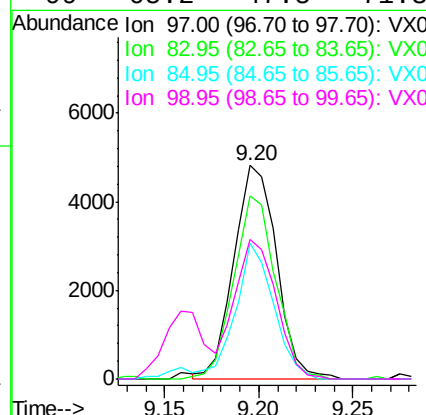
MMDadoda
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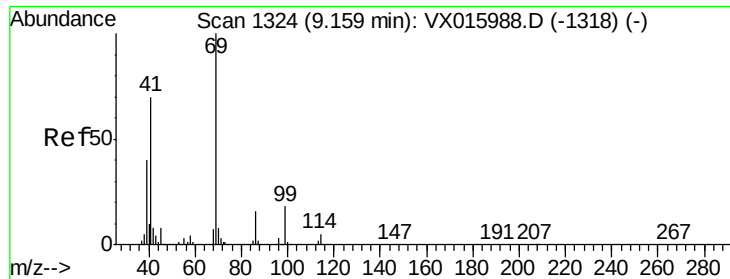


#50

1,1,2-Trichloroethane
Concen: 2.376 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion:	97	Resp:	7599
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.7	101.5
85	63.7	43.7	65.5
99	65.2	47.5	71.3





#51

Ethyl methacrylate

Concen: 2.131 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

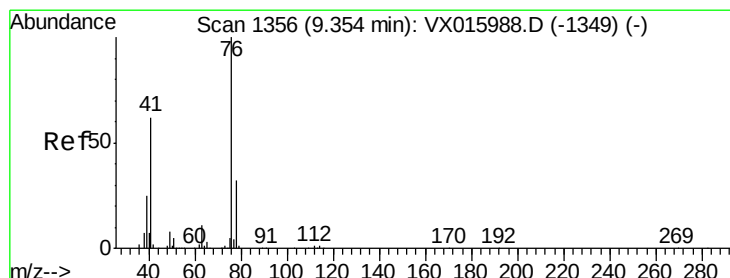
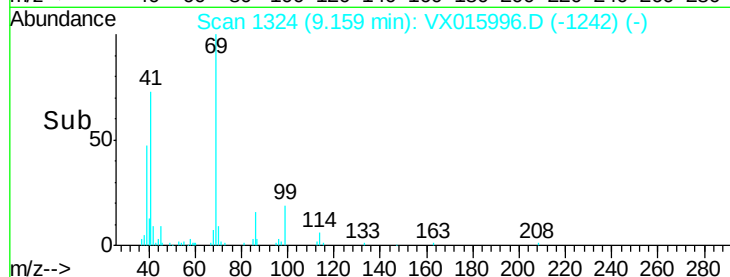
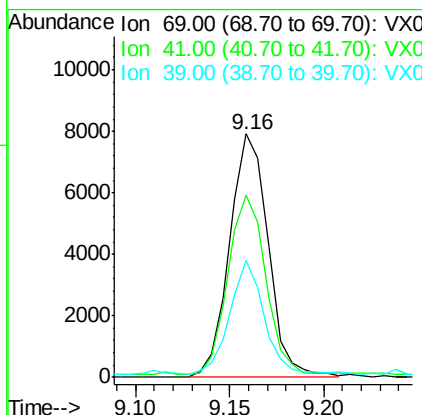
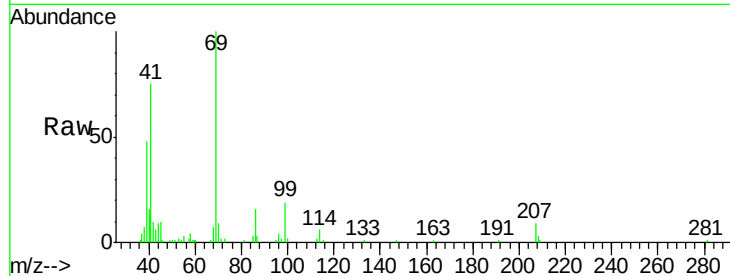
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	69	Resp:	11251
Ion	Ratio	Lower	Upper
69	100		
41	73.9	34.8	104.4
39	46.7	19.8	59.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 2.389 ug/l

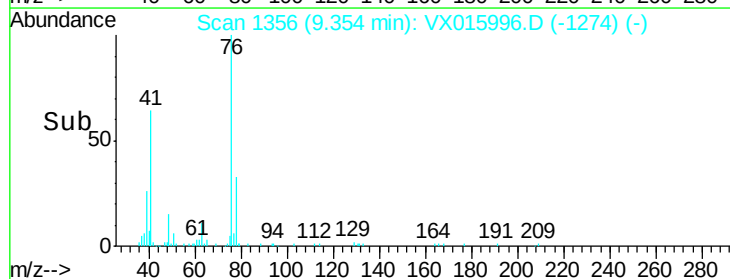
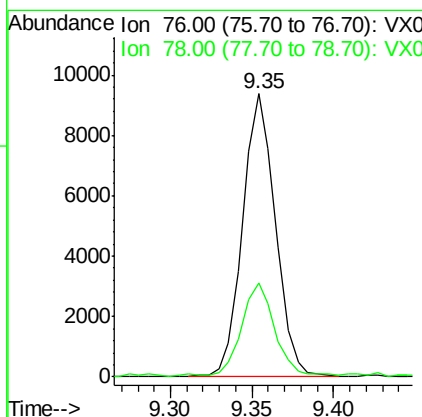
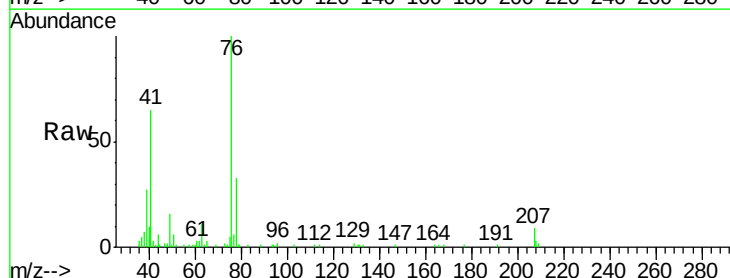
RT: 9.35 min Scan# 1356

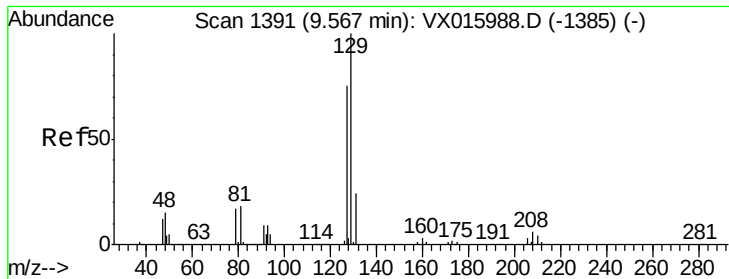
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	76	Resp:	13208
Ion	Ratio	Lower	Upper
76	100		
78	34.1	0.0	64.2





#53

Dibromochloromethane

Concen: 2.182 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:129 Resp: 7938

Ion Ratio Lower Upper

129 100

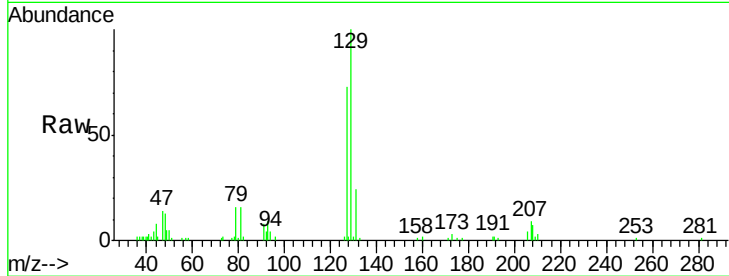
127 77.5 38.3 114.9

Manual Integrations

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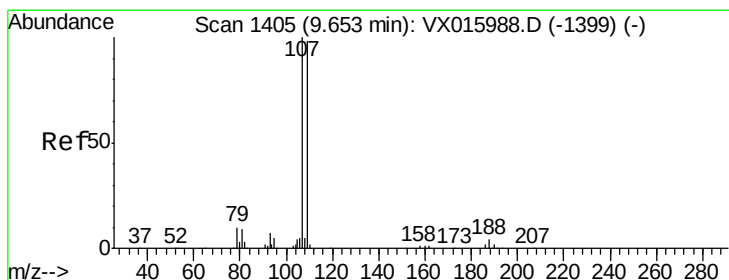
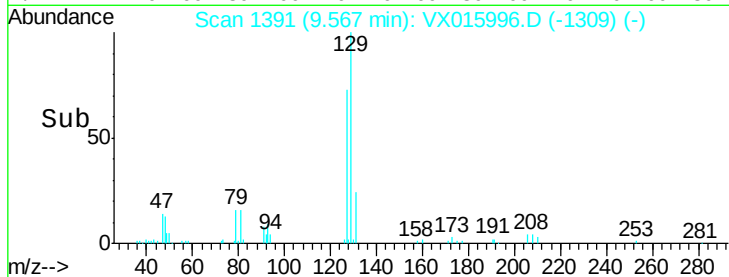
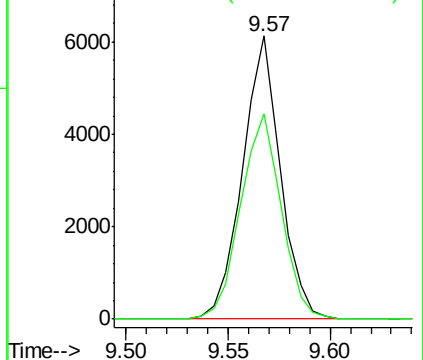
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 2.377 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015996.D

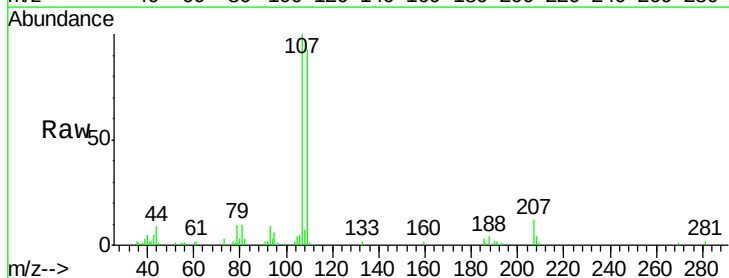
Acq: 30 Apr 2020 15:37

Tgt Ion:107 Resp: 8354

Ion Ratio Lower Upper

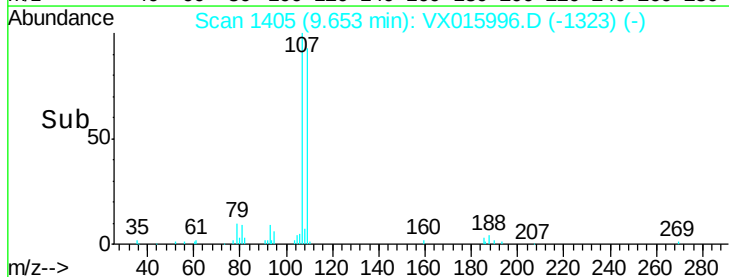
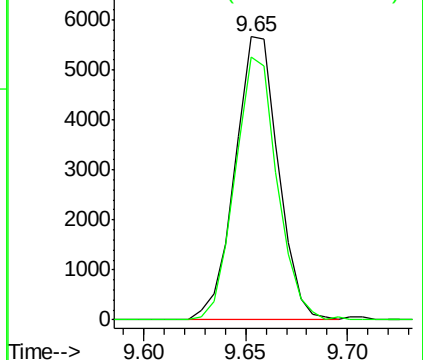
107 100

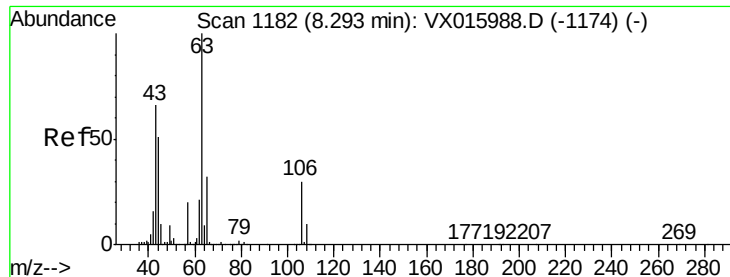
109 90.1 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 10.546 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 30297

Ion Ratio Lower Upper

63 100

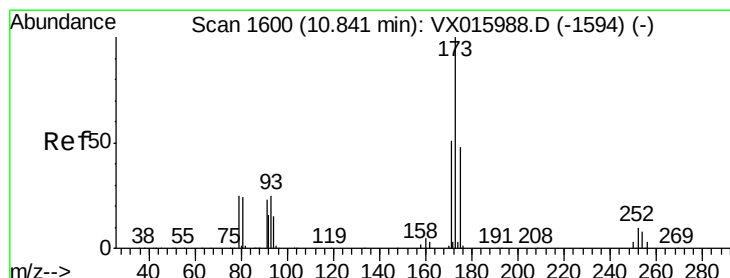
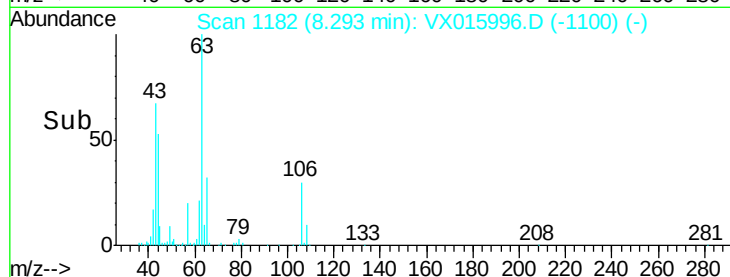
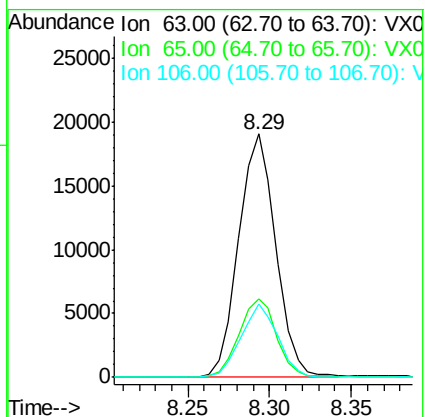
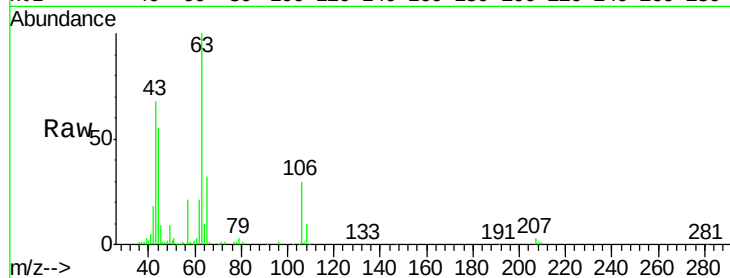
65 32.8 25.6 38.4

106 29.7 23.4 35.0

Manual Integrations
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#56

Bromoform

Concen: 1.982 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

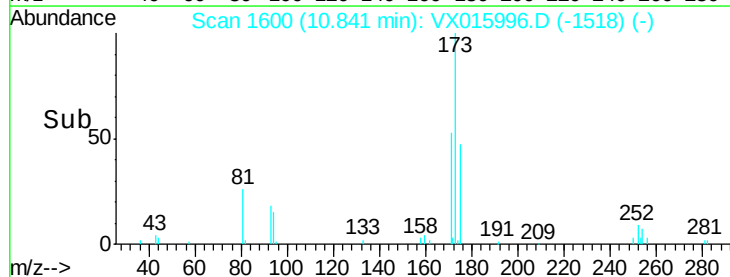
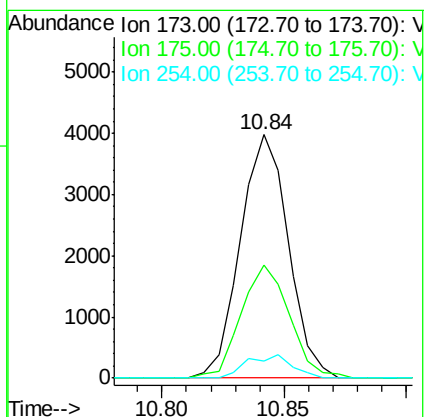
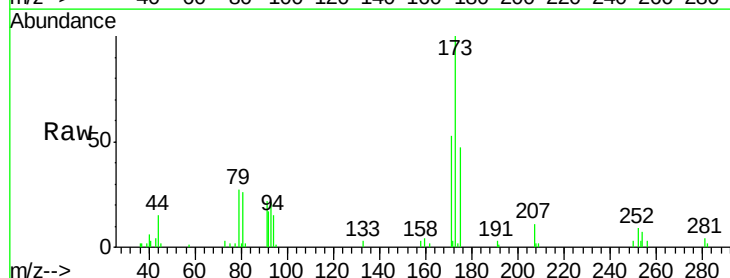
Tgt Ion: 173 Resp: 5433

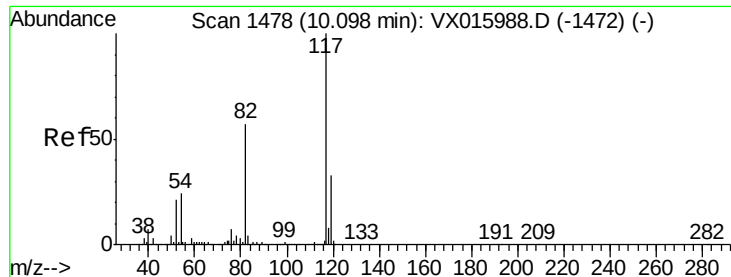
Ion Ratio Lower Upper

173 100

175 47.2 38.0 57.0

254 9.1 6.8 10.2





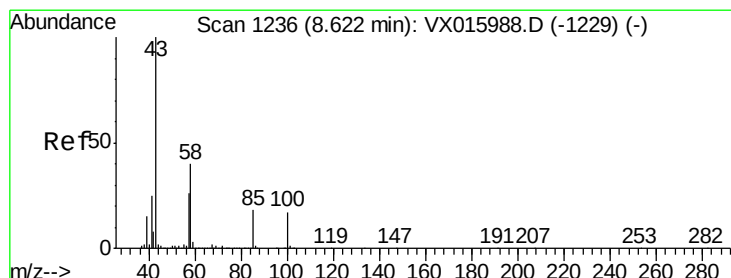
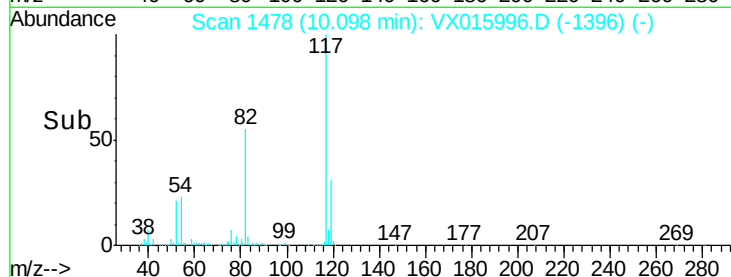
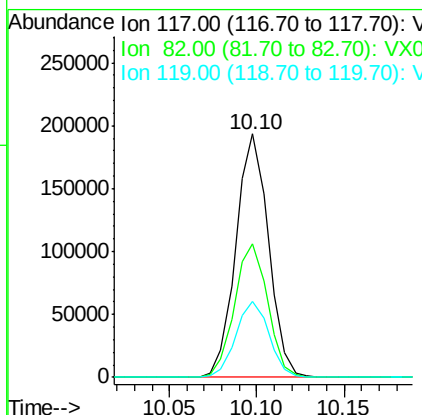
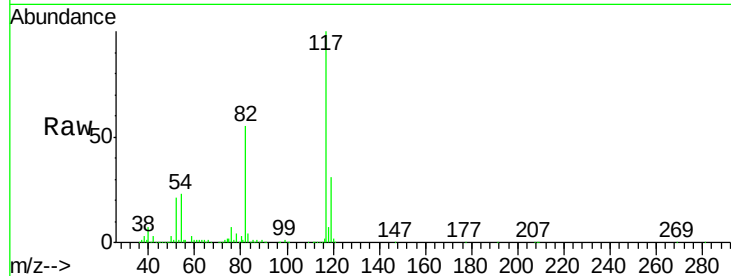
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251041		
82	56.1		45.1	67.7
119	31.9		25.6	38.4

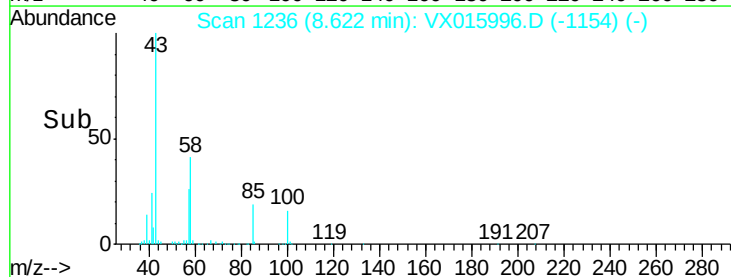
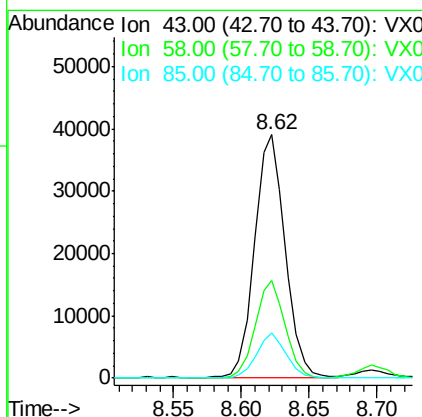
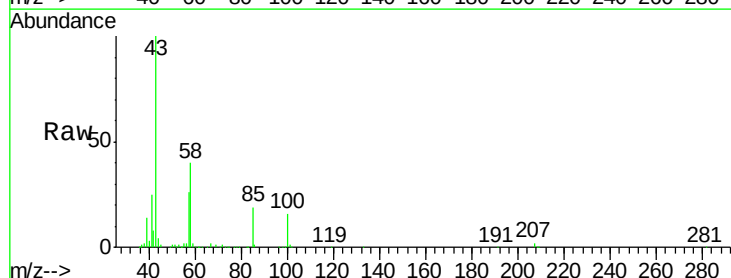
Manual Integrations
APPROVED

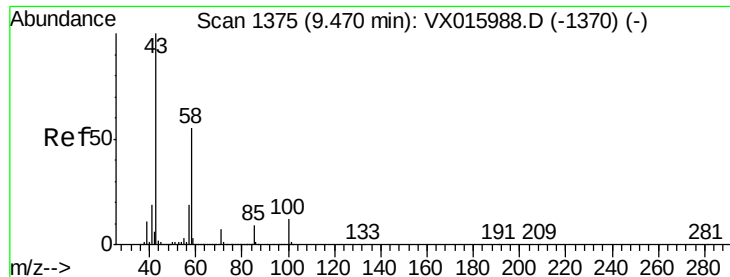
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#58
4-Methyl-2-Pentanone
Concen: 12.330 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	61041		
58	39.4		31.8	47.6
85	18.0		14.5	21.7





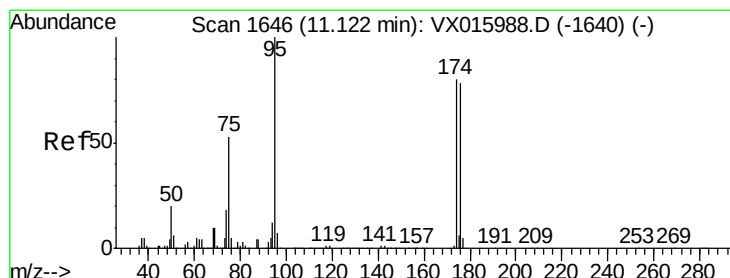
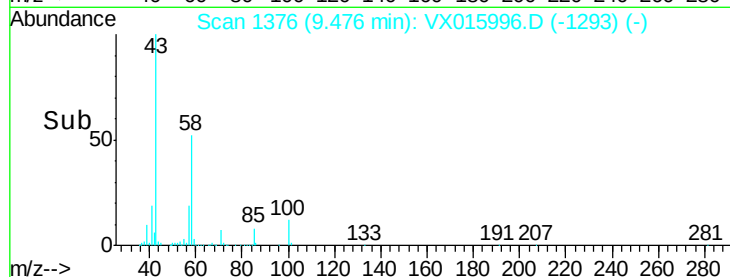
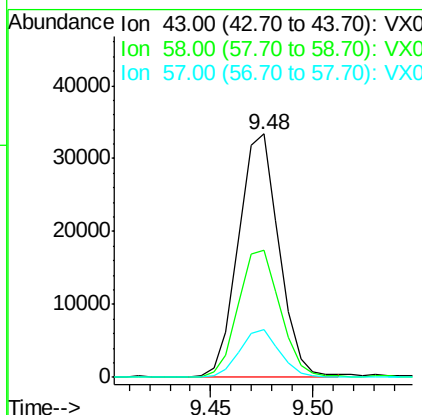
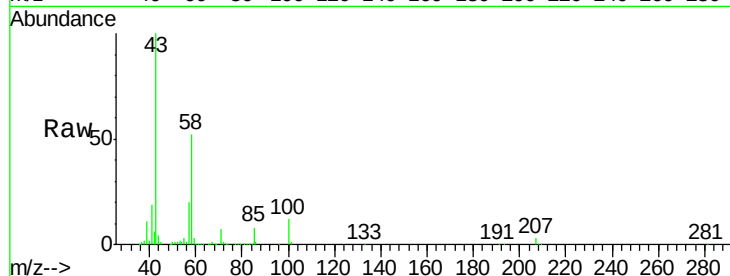
#59
2-Hexanone
Concen: 11.967 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.0	66.0
57	19.8	15.5	23.3

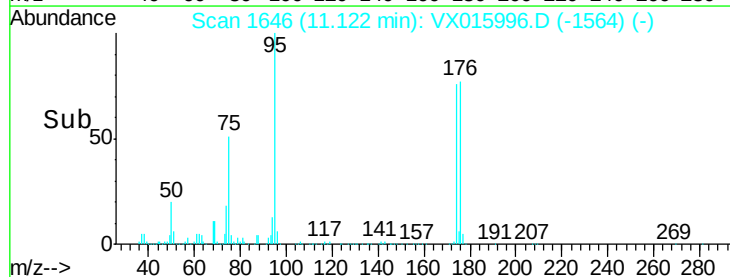
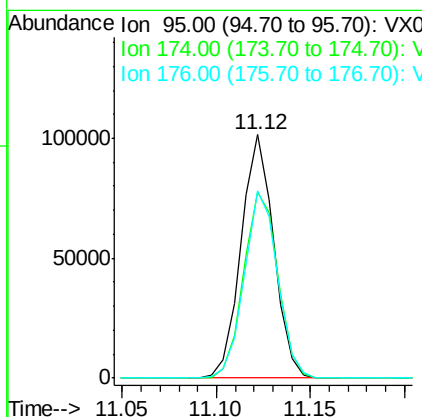
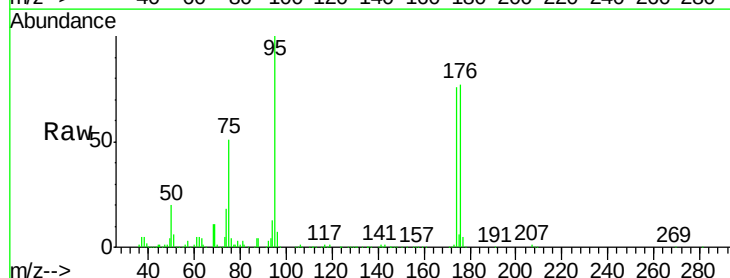
Manual Integrations
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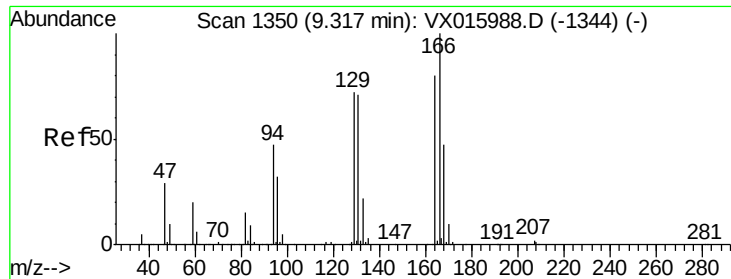
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.044 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	64.8	97.2
176	78.0	62.4	93.6





#61

Tetrachloroethene

Concen: 2.564 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:164 Resp: 12731

Ion Ratio Lower Upper

164 100

166 127.2 100.1 150.1

129 100.3 72.2 108.4

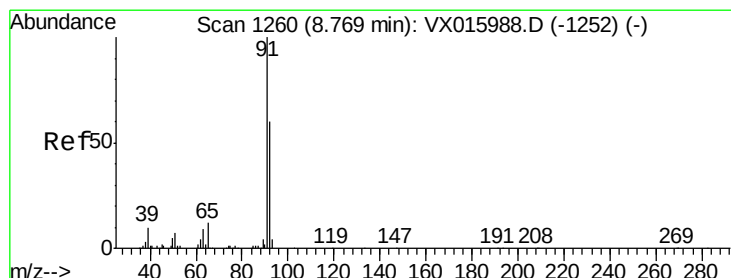
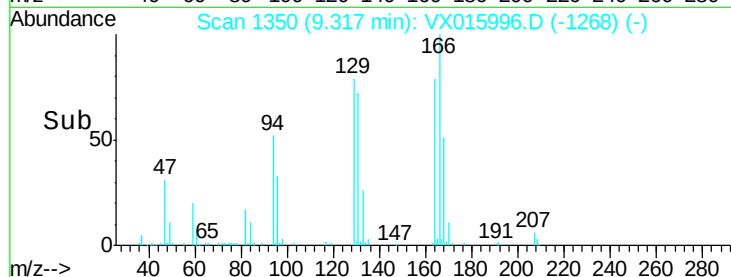
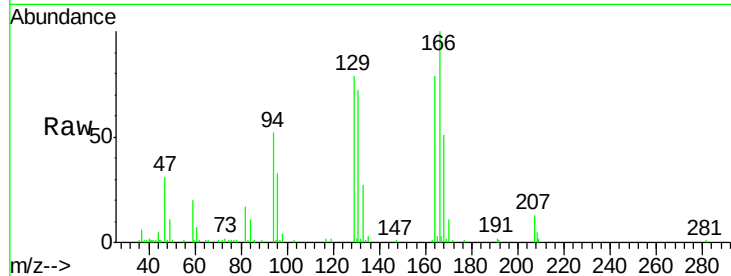
131 92.2 71.3 106.9

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#62

Toluene

Concen: 2.403 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015996.D

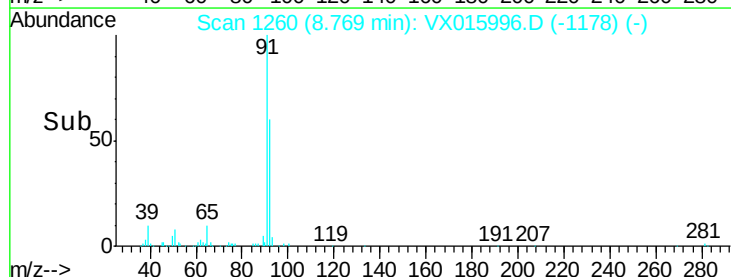
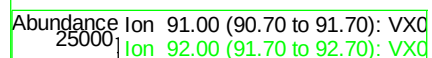
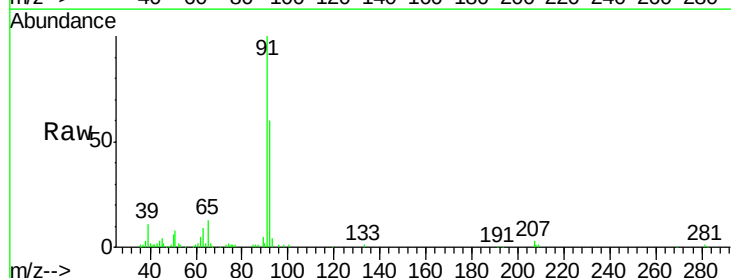
Acq: 30 Apr 2020 15:37

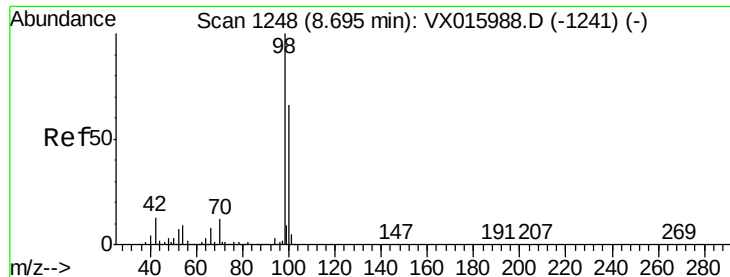
Tgt Ion: 91 Resp: 32227

Ion Ratio Lower Upper

91 100

92 61.1 47.2 70.8





#63

Toluene-d8

Concen: 30.838 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 98 Resp: 332103

Ion Ratio Lower Upper

98 100

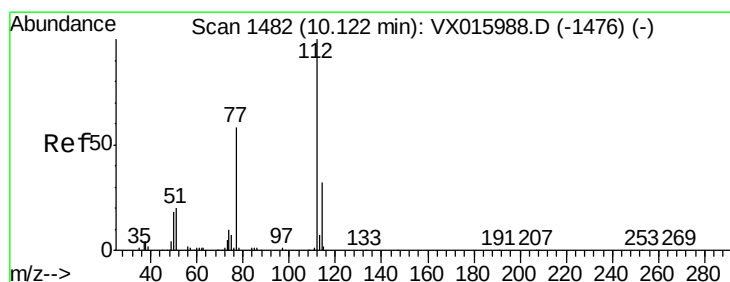
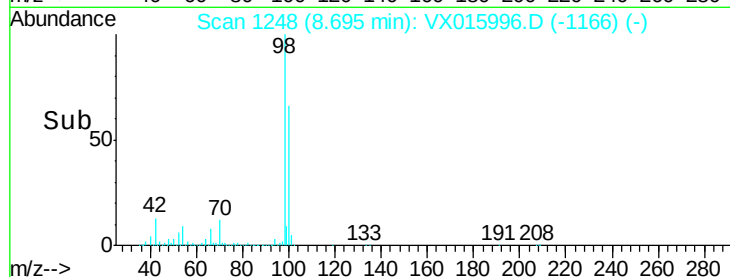
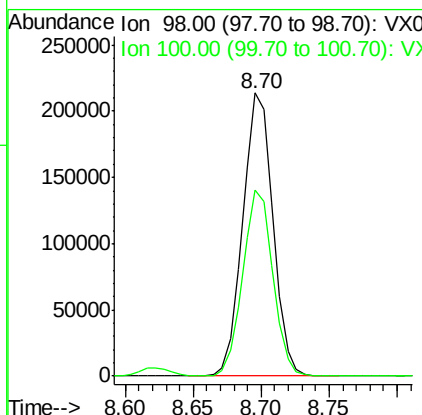
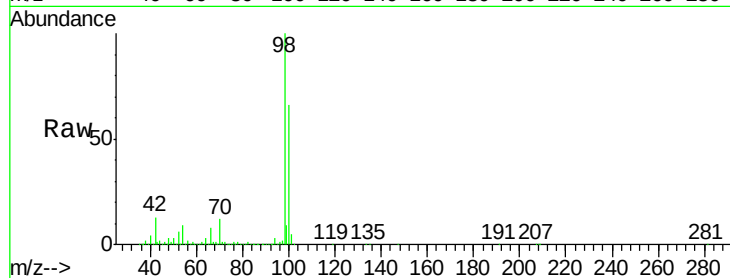
100 65.5 52.5 78.7

Manual Integrations

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#64

Chlorobenzene

Concen: 2.420 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015996.D

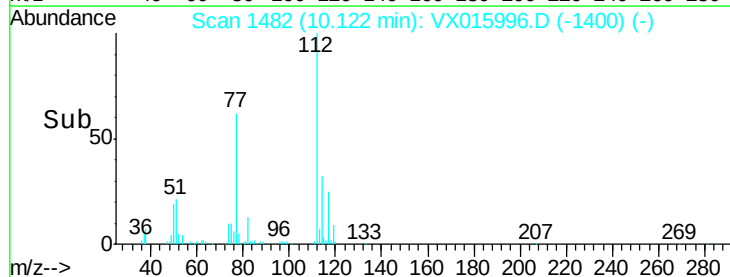
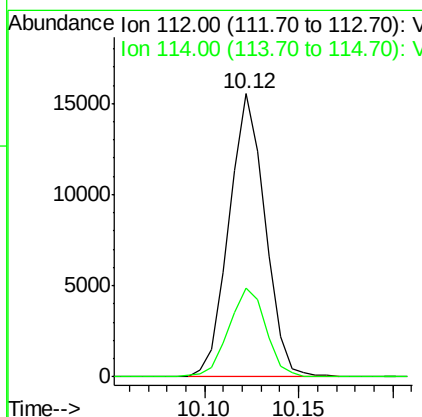
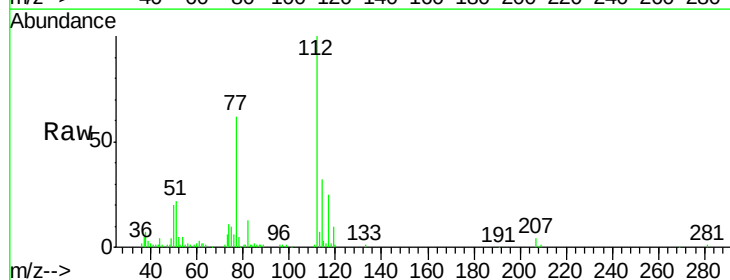
Acq: 30 Apr 2020 15:37

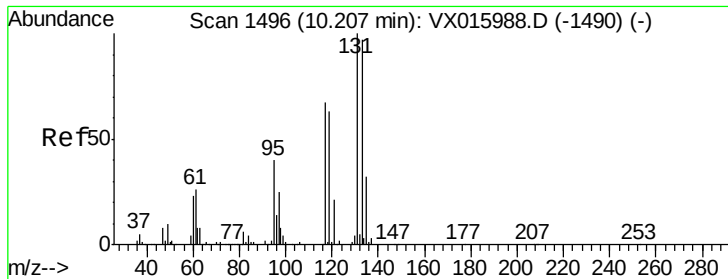
Tgt Ion: 112 Resp: 20662

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 2.278 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

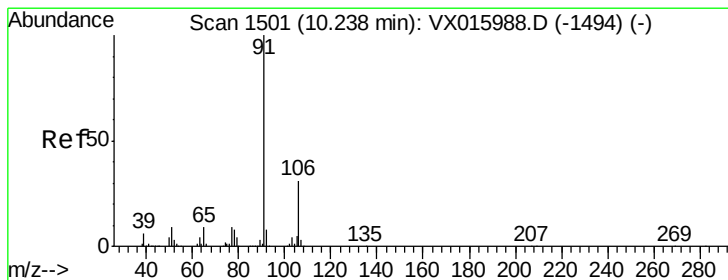
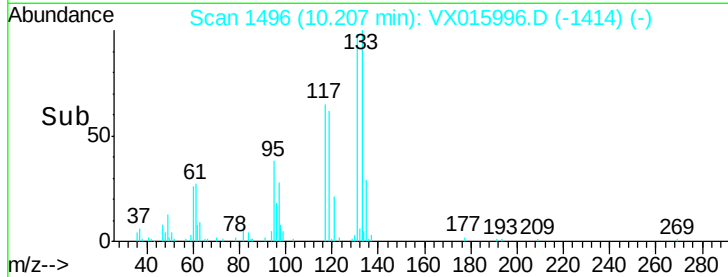
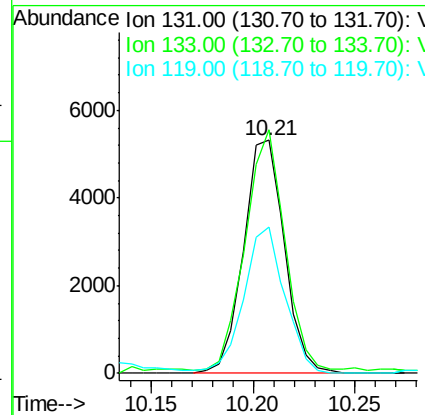
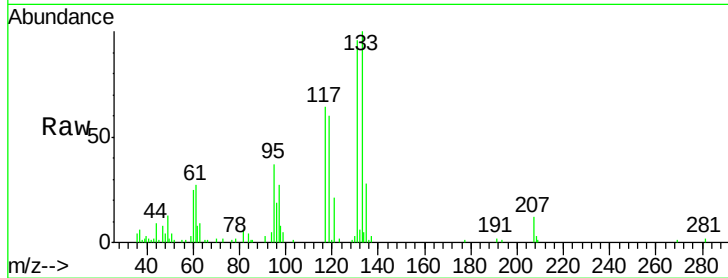
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	131	Resp:	7384
Ion Ratio	Lower	Upper	
131	100		
133	102.0	0.0	187.0
119	63.2	0.0	129.0

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#66

Ethyl Benzene

Concen: 2.347 ug/l

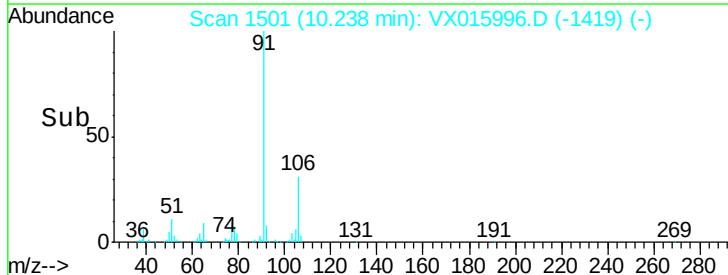
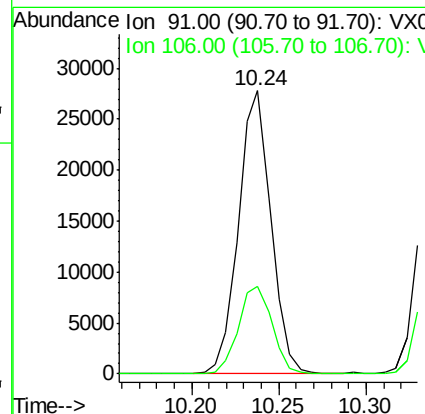
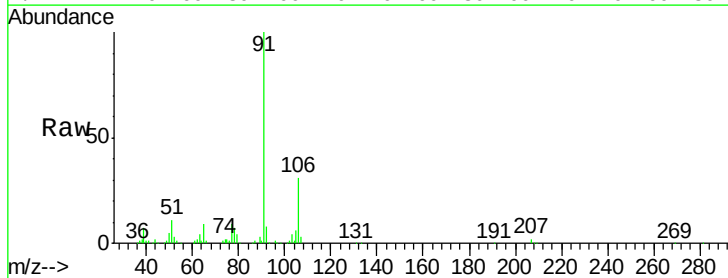
RT: 10.24 min Scan# 1501

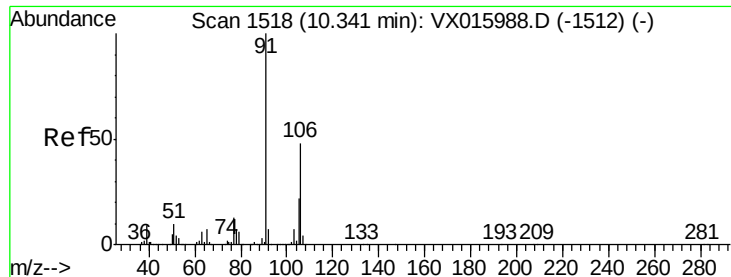
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	91	Resp:	35849
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.8	37.2





#67

m/p-Xylenes

Concen: 4.680 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:106 Resp: 27226

Ion Ratio Lower Upper

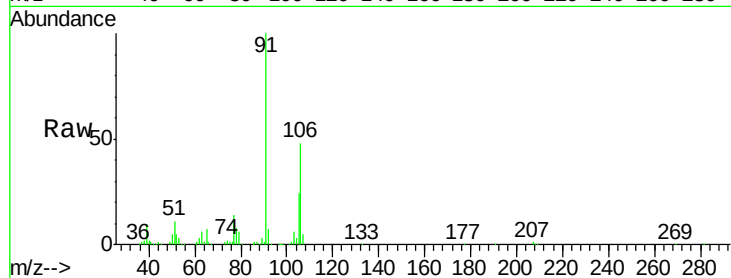
106 100

91 203.6 164.2 246.4

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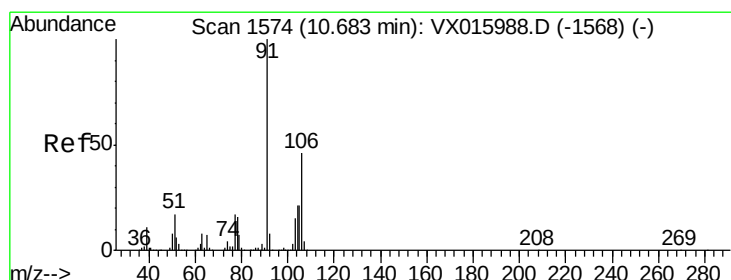
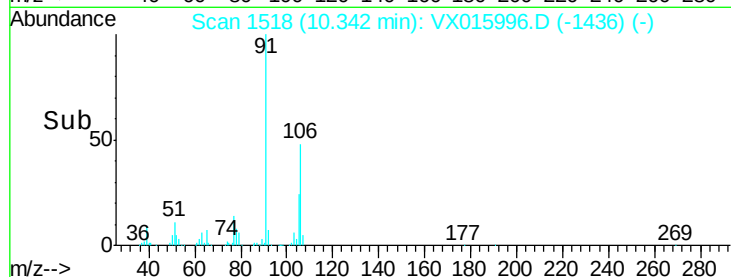
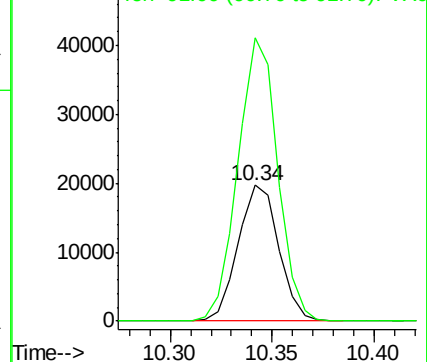
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.373 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015996.D

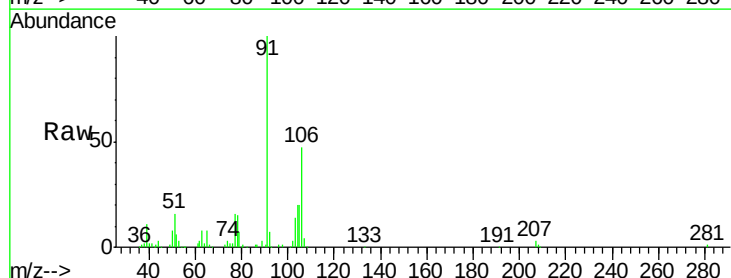
Acq: 30 Apr 2020 15:37

Tgt Ion:106 Resp: 13311

Ion Ratio Lower Upper

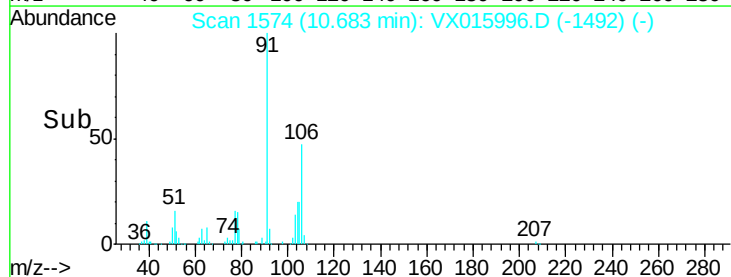
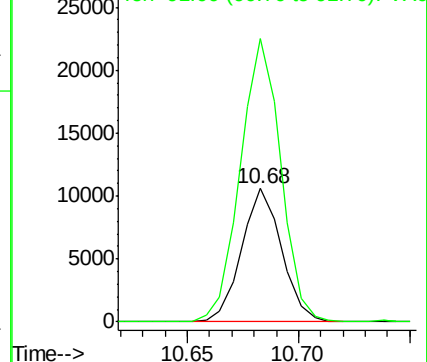
106 100

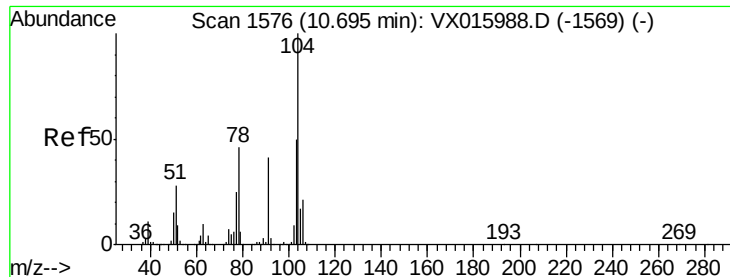
91 214.4 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





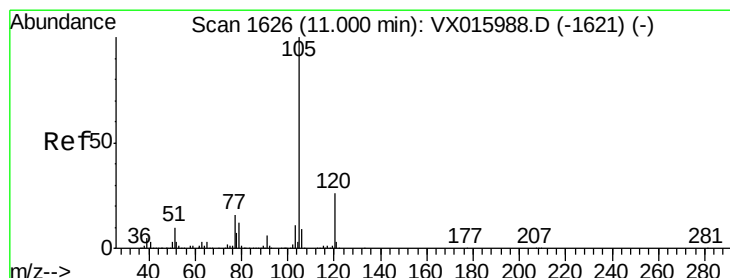
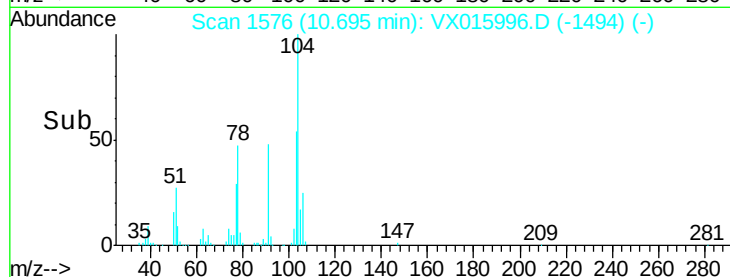
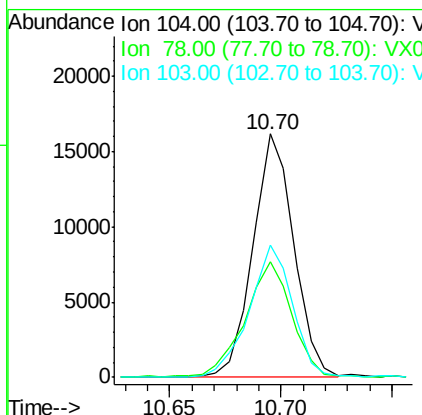
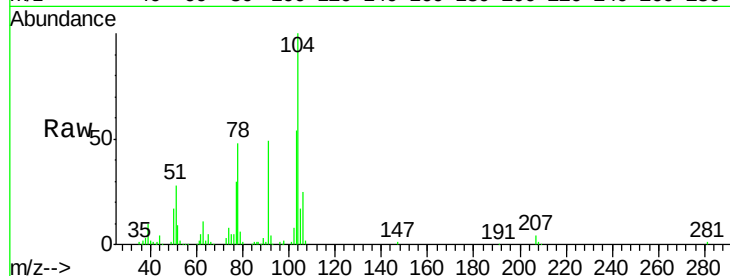
#69
Stvrene
Concen: 2.160 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.1	40.7	61.1
103	57.9	43.0	64.4

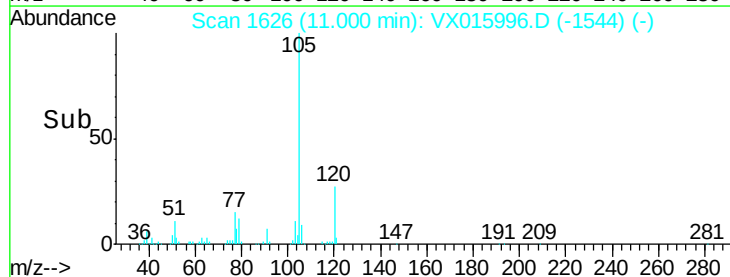
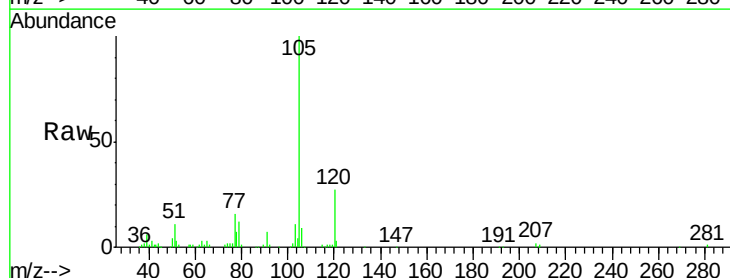
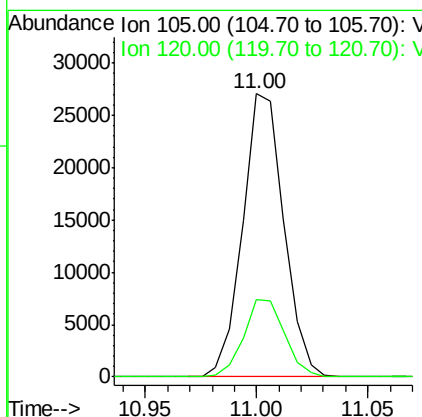
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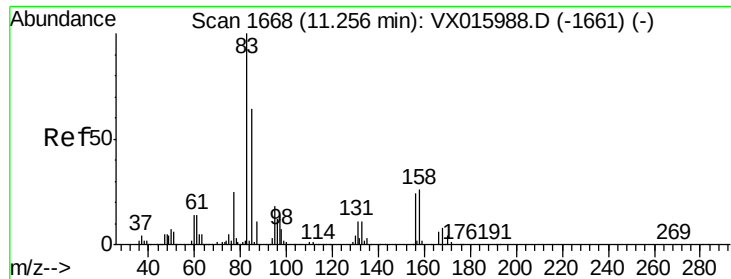
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#70
Isopropylbenzene
Concen: 2.313 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	18.6	34.5





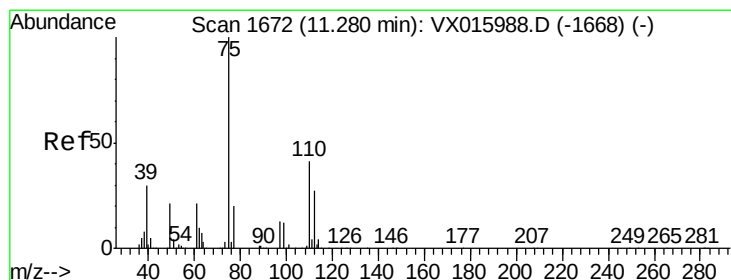
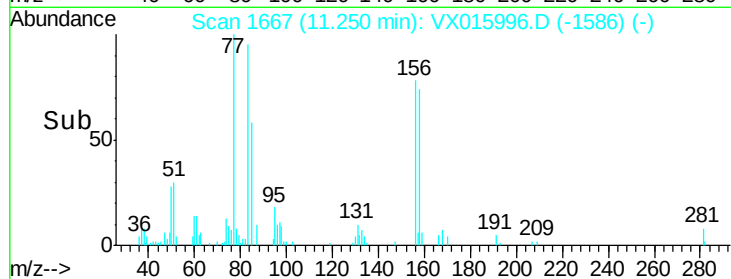
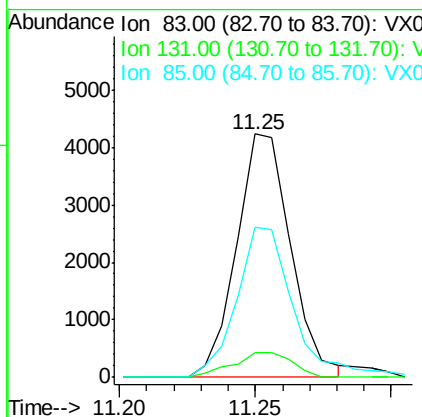
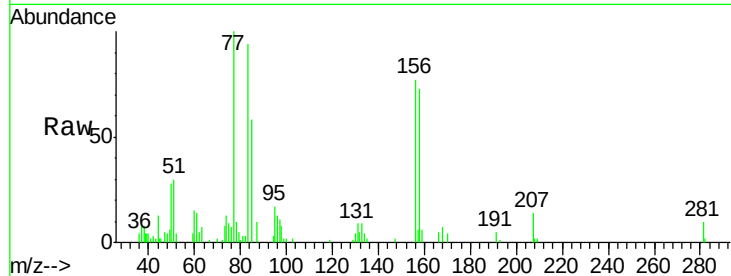
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.073 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	83	131	85
Resp	5838	11.3	65.2
Lower		5.2	33.0
Upper		15.6	98.9

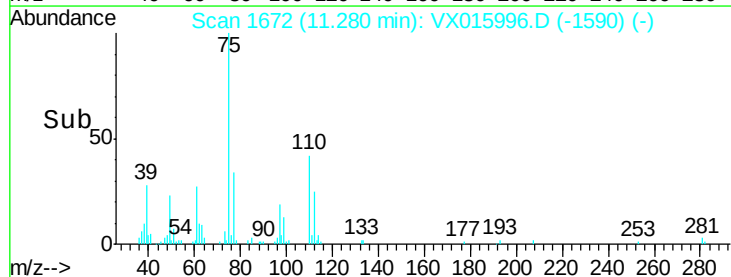
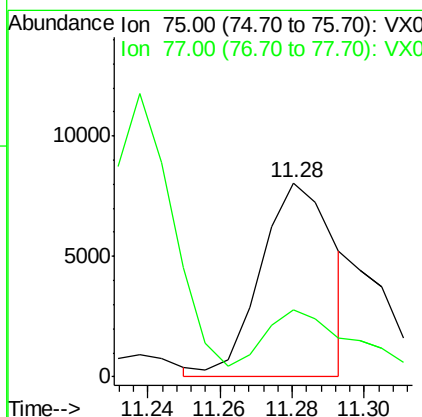
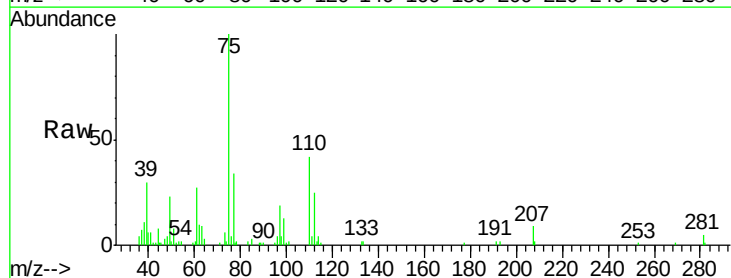
Manual Integrations
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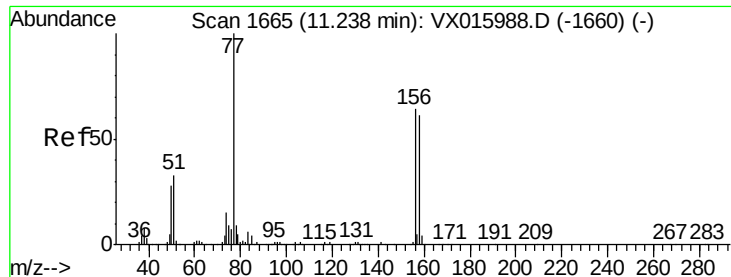
MMDadoda
 5/4/2020 3:10:24 PM



#72
 1,2,3-Trichloropropane
 Concen: 2.459 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	75	77
Resp	11214	44.2
Lower		0.0
Upper		86.0





#73

Bromobenzene

Concen: 2.364 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

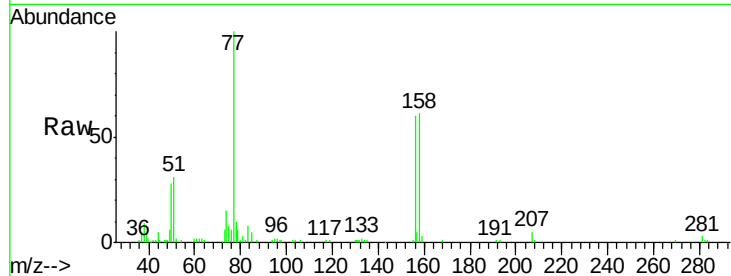
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

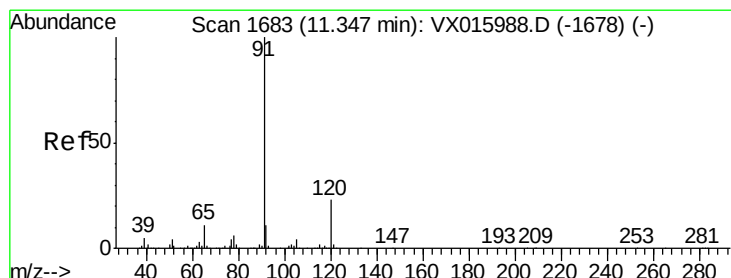
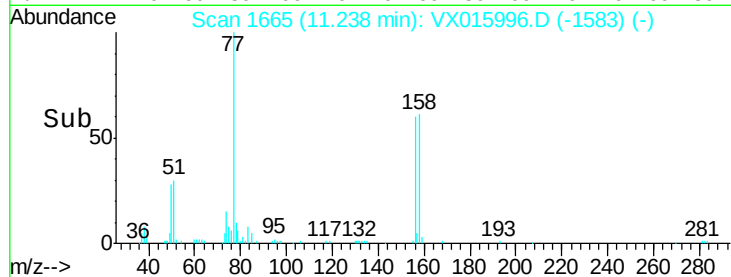
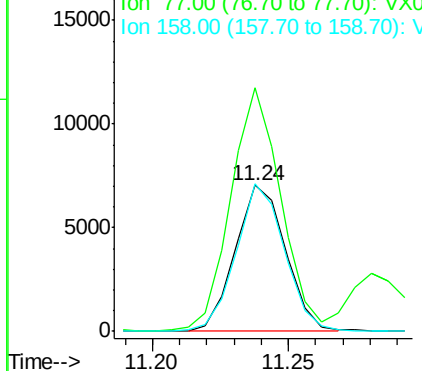
Tot Ion:	156	Resp:	9023
Ion Ratio	Lower	Upper	
156	100		
77	165.6	0.0	318.0
158	97.6	0.0	193.2

Manual Integrations
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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.312 ug/l

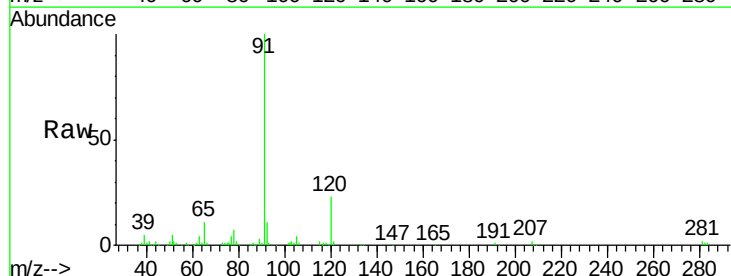
RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

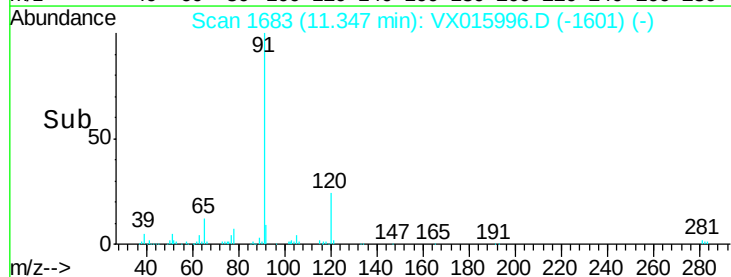
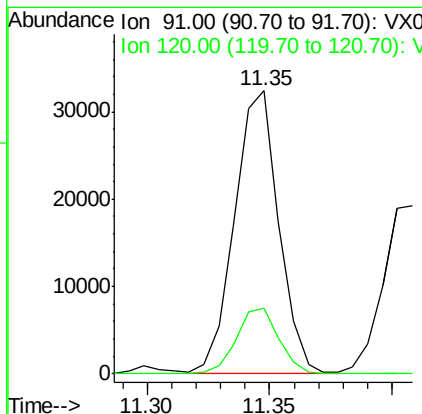
Lab File: VX015996.D

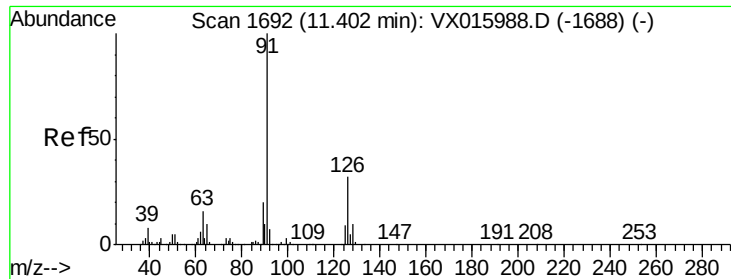
Acq: 30 Apr 2020 15:37

Tgt Ion:	91	Resp:	40678
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.397 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 24777

Ion Ratio Lower Upper

91 100

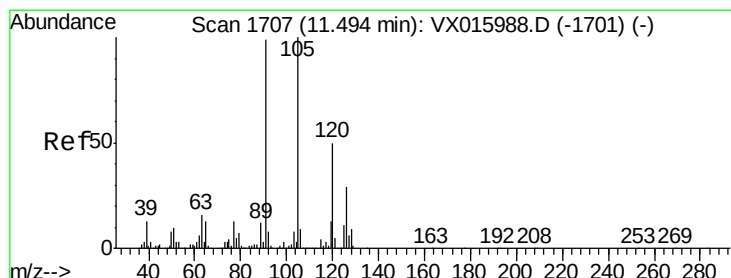
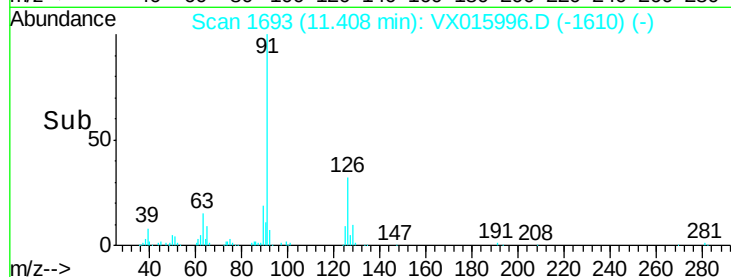
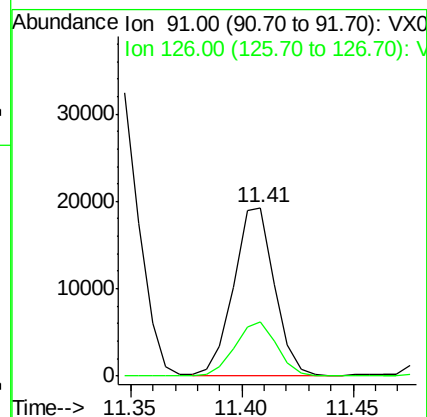
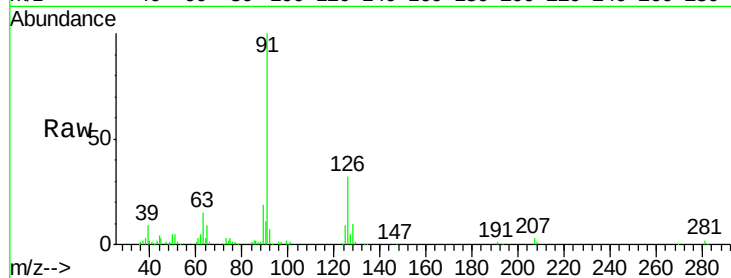
126 32.6 0.0 66.2

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 2.200 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015996.D

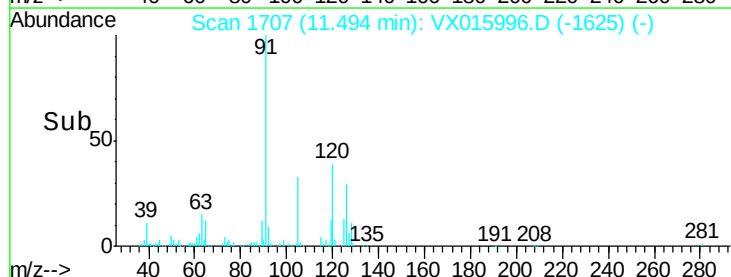
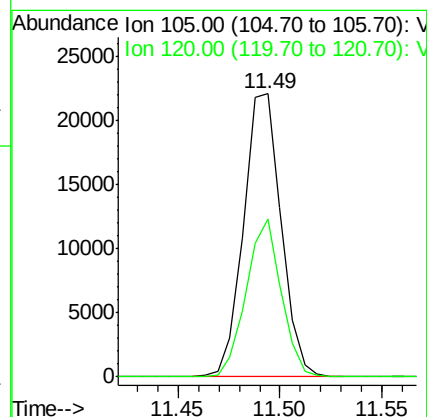
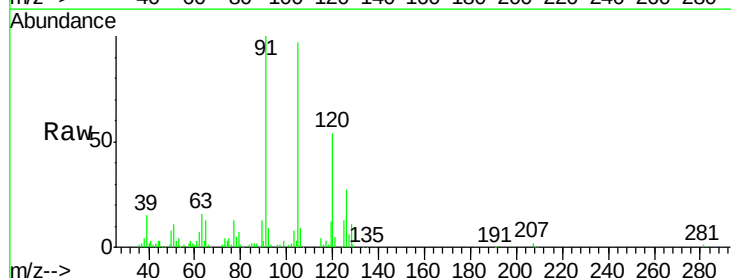
Acq: 30 Apr 2020 15:37

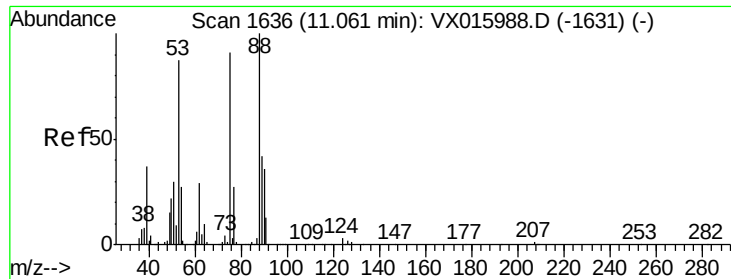
Tgt Ion: 105 Resp: 28281

Ion Ratio Lower Upper

105 100

120 51.7 0.0 99.4





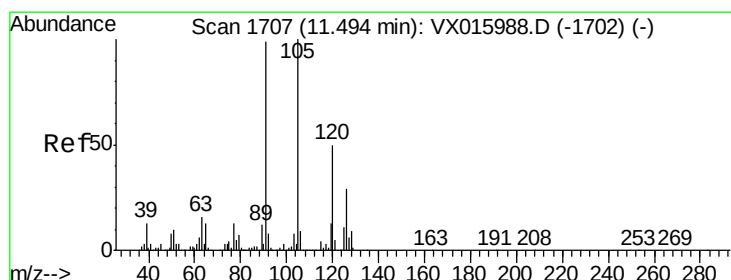
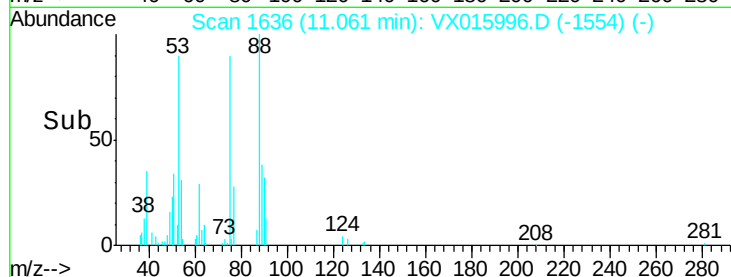
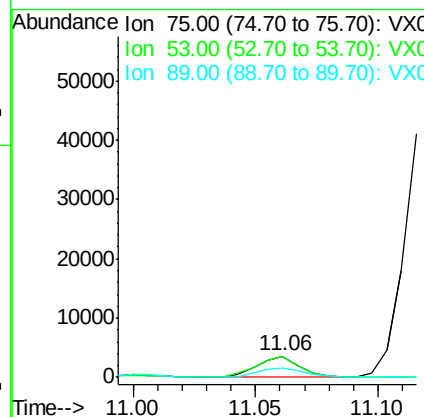
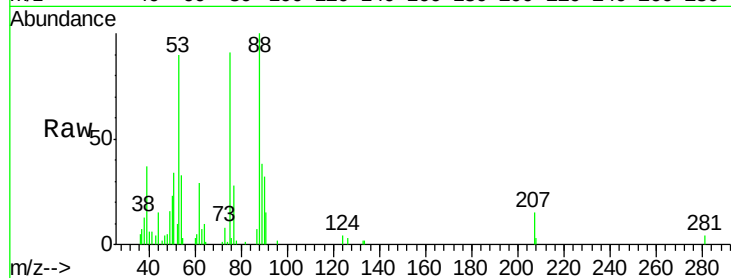
#77
t-1,4-Dichloro-2-butene
Concen: 2.240 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	48.0	144.2
89	41.5	23.4	70.3

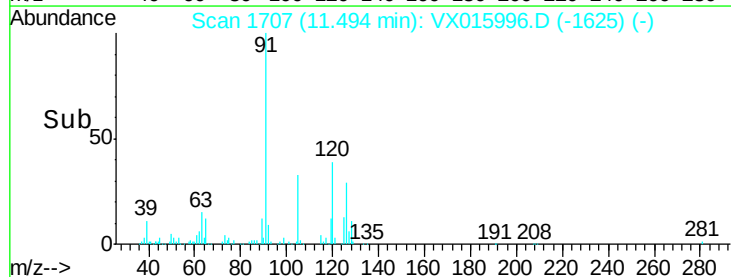
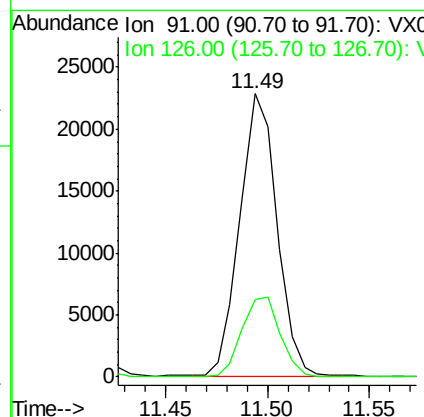
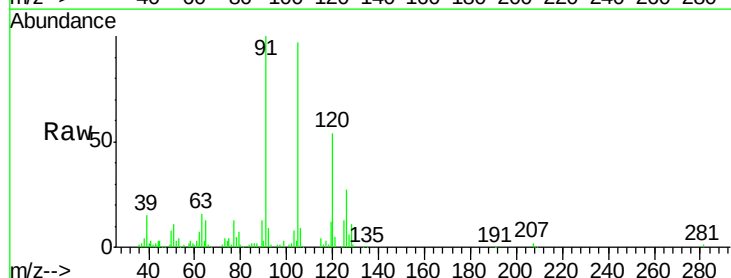
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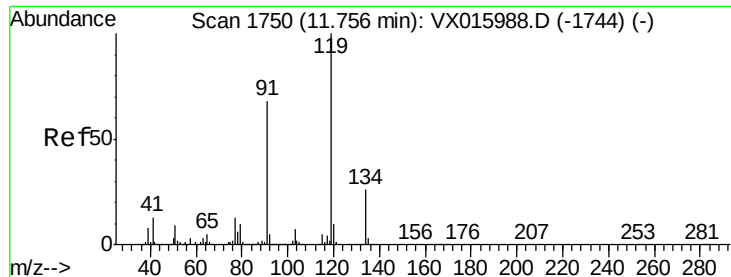
MMDadoda
5/4/2020 3:10:24 PM



#78
4-Chlorotoluene
Concen: 2.379 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	0.0	58.4





#79

tert-butylbenzene

Concen: 2.316 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

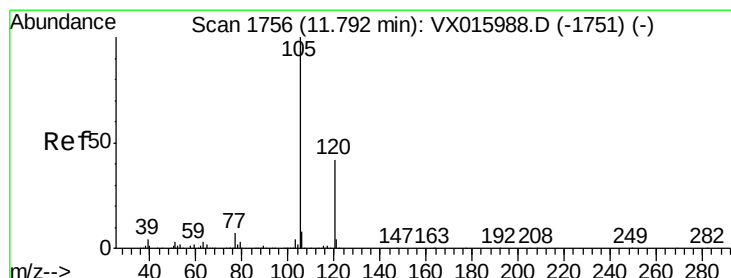
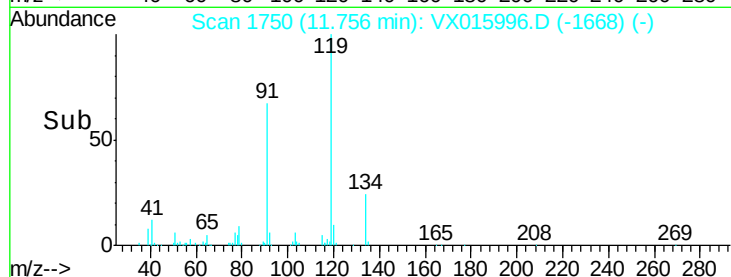
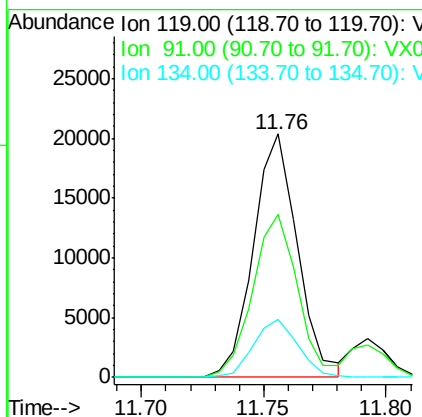
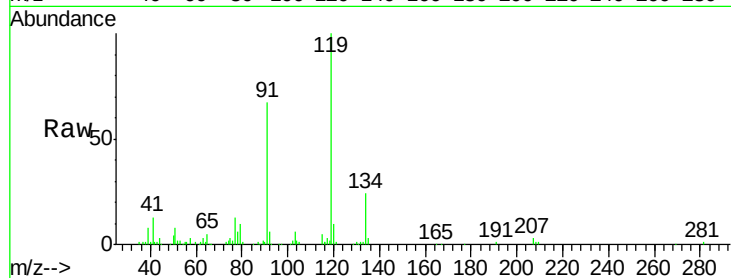
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	119	Resp:	25432
Ion Ratio	Lower	Upper	
119	100		
91	67.5	0.0	135.6
134	24.0	0.0	51.0

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#80

1,2,4-Trimethylbenzene

Concen: 2.272 ug/l

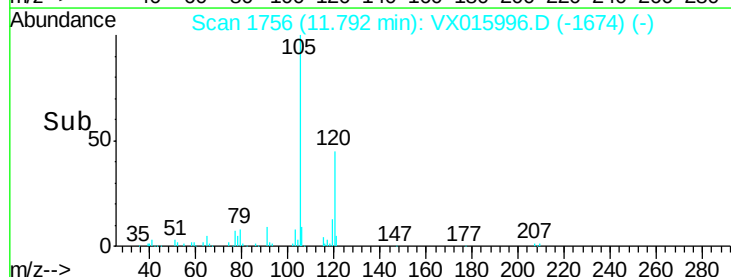
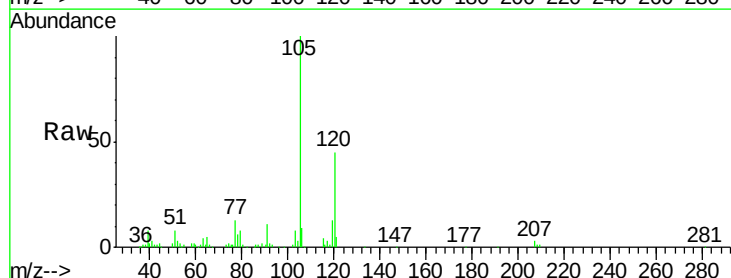
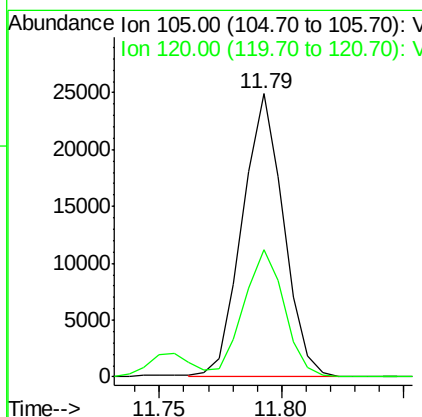
RT: 11.79 min Scan# 1756

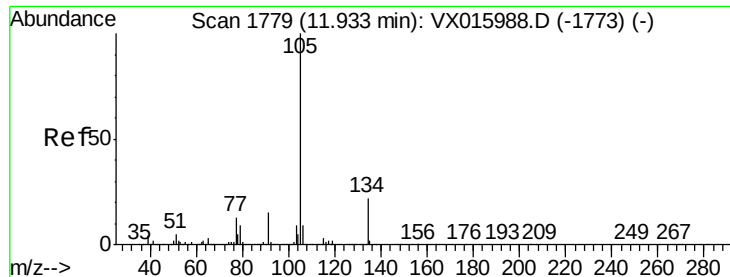
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	105	Resp:	29186
Ion Ratio	Lower	Upper	
105	100		
120	44.7	0.0	91.0





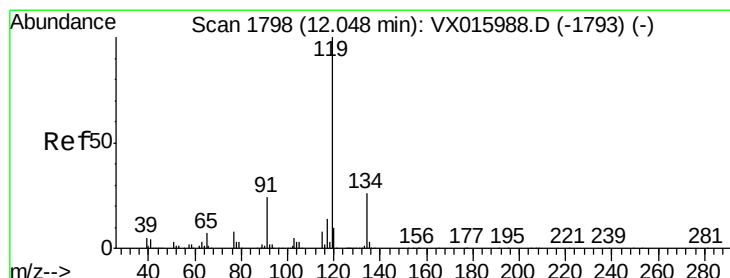
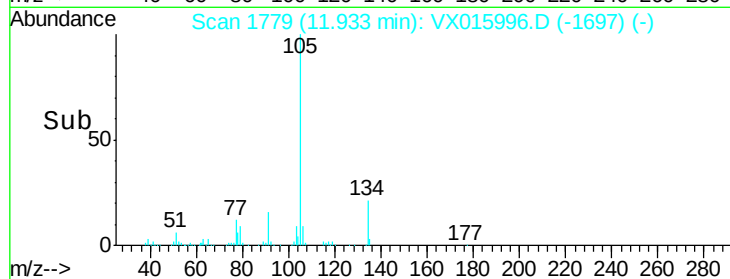
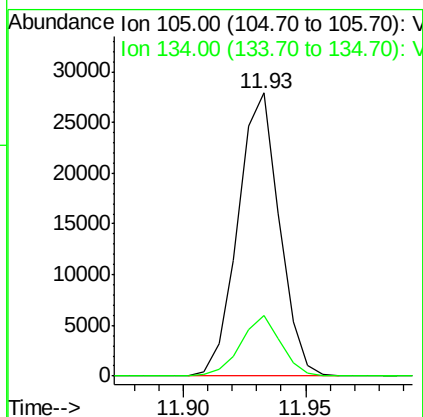
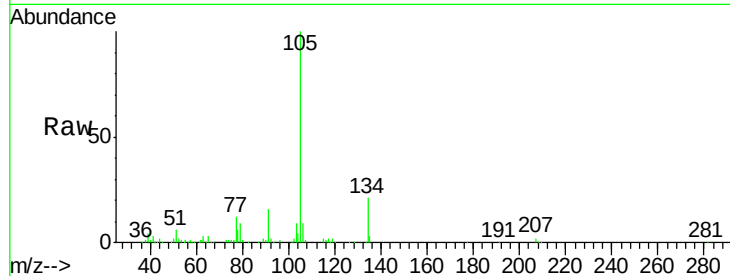
#81
 sec-Butylbenzene
 Concen: 2.214 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	32785		
134	21.0	0.0	41.2	

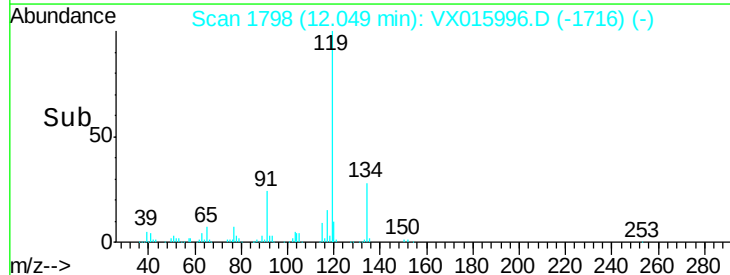
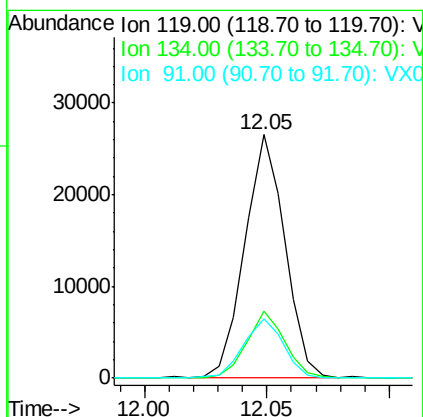
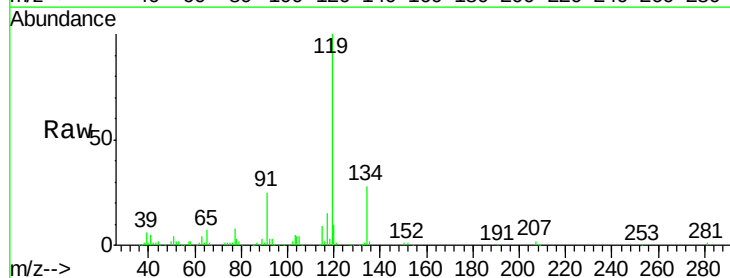
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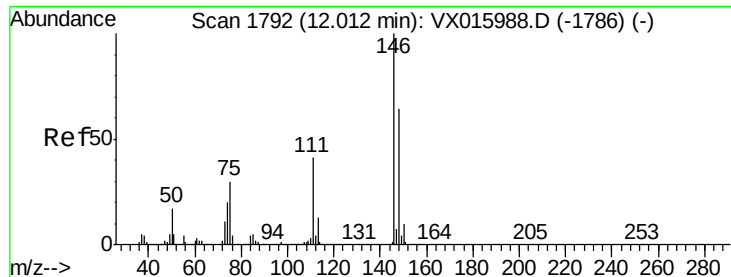
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 2.215 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	30406		
134	26.4	0.0	52.6	
91	24.5	0.0	47.6	





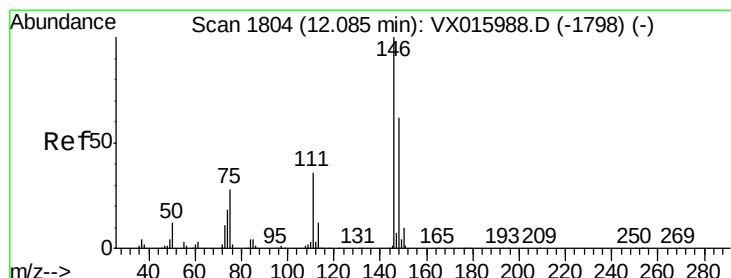
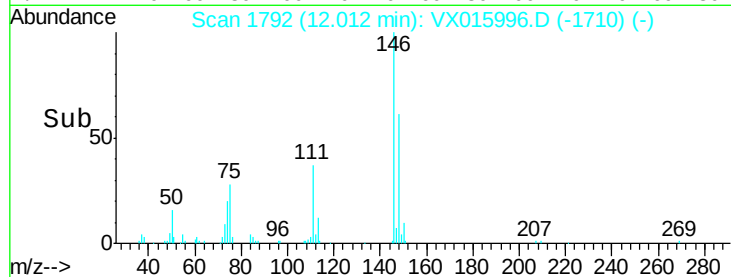
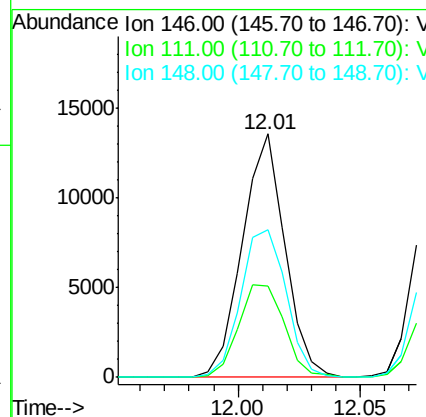
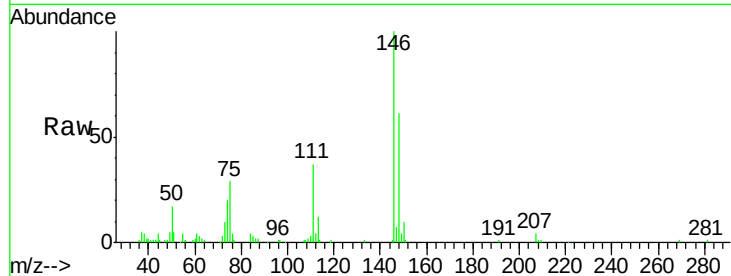
#83
 1,3-Dichlorobenzene
 Concen: 2.385 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	65.0	31.9	95.9

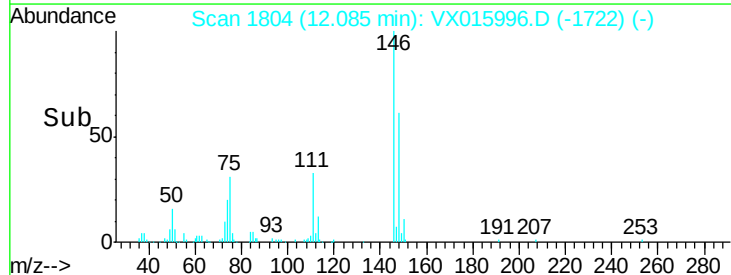
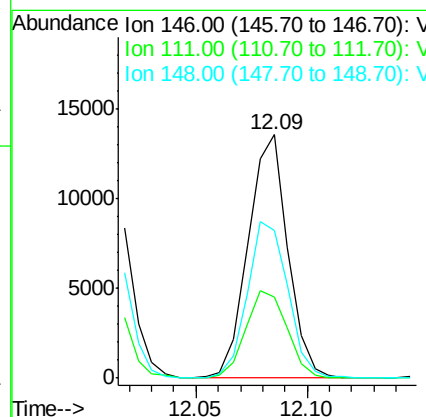
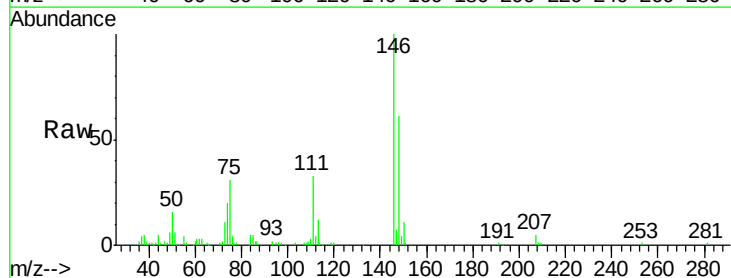
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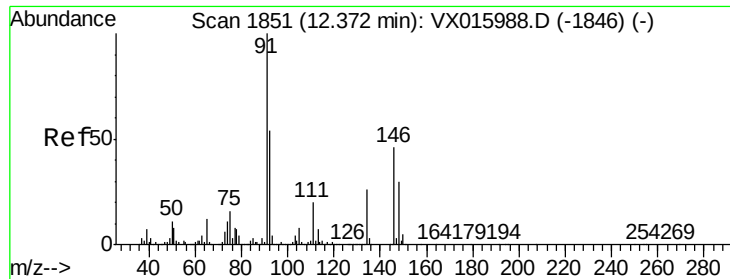
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#84
 1,4-Dichlorobenzene
 Concen: 2.457 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.7	59.0
148	66.2	32.0	96.0





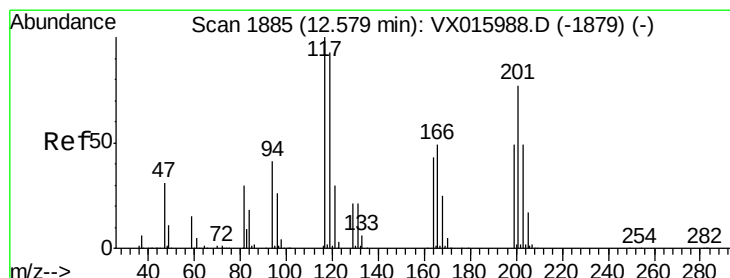
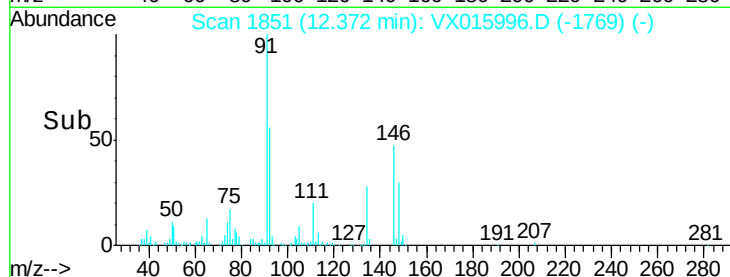
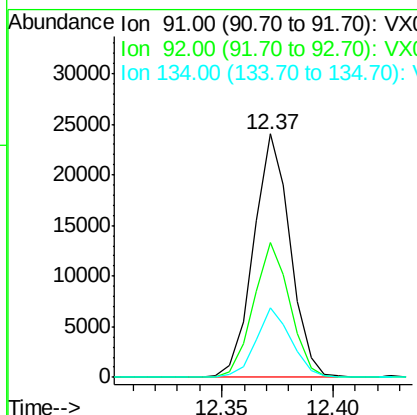
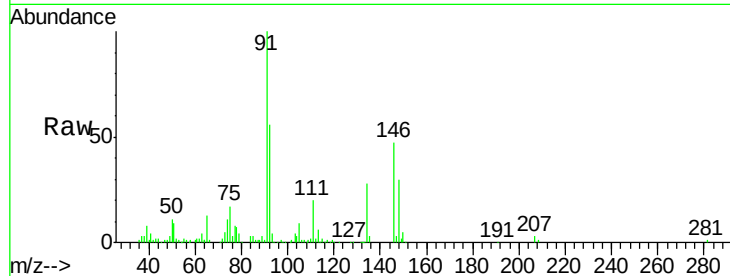
#85
n-Butylbenzene
Concen: 2.192 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	0.0	110.2
134	27.3	0.0	53.4

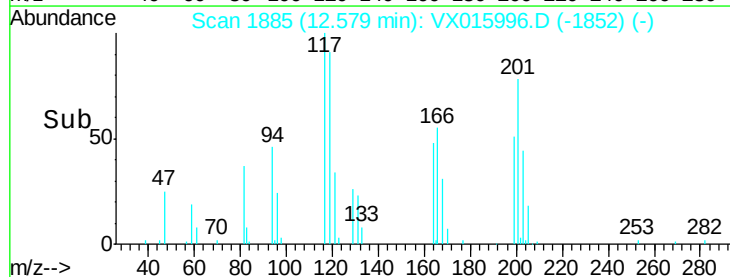
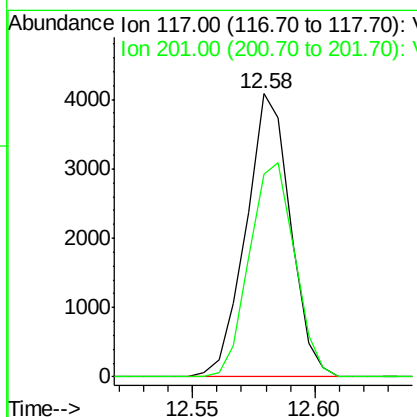
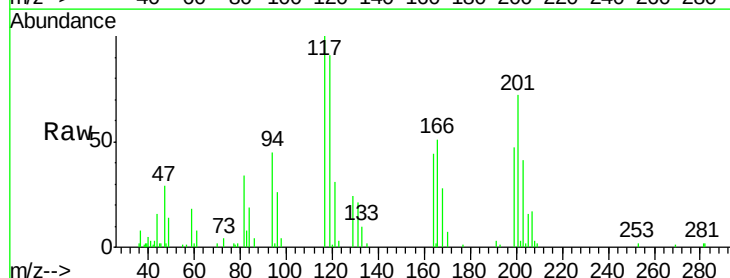
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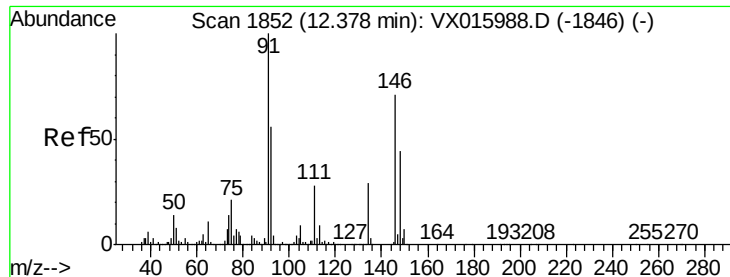
MMDadoda
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#86
Hexachloroethane
Concen: 2.129 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	40.1	120.2





#87

1,2-Dichlorobenzene

Concen: 2.399 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

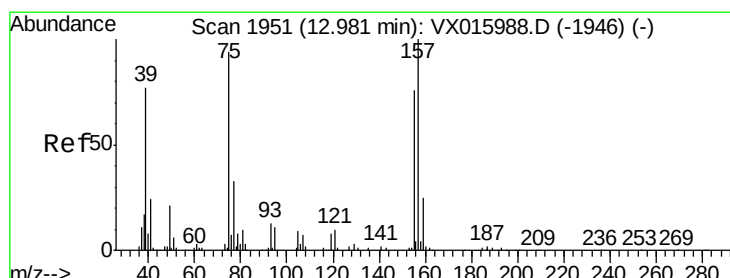
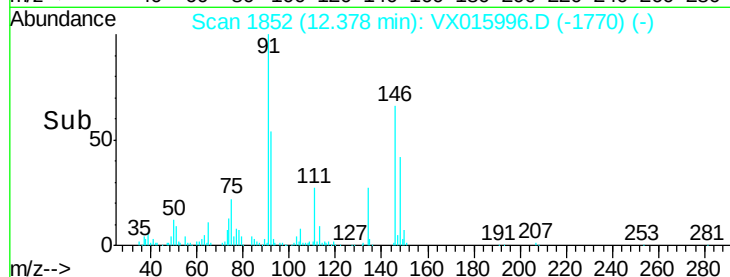
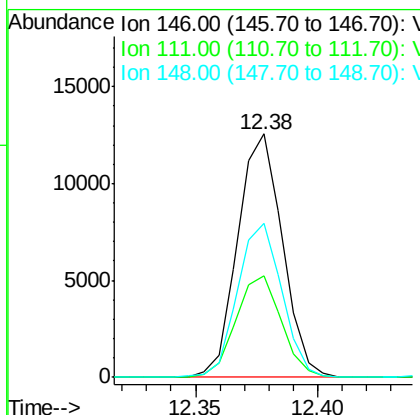
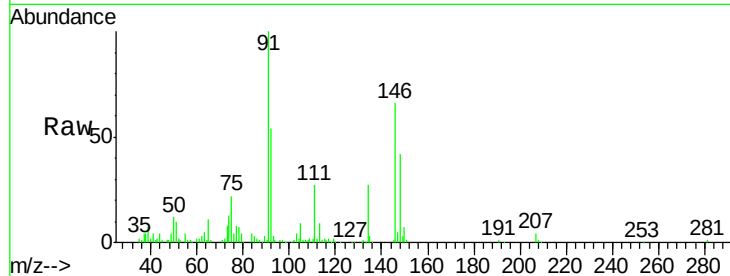
Instrument :
MSVOA_X

ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.7	62.1
148	62.9	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 2.319 ug/l

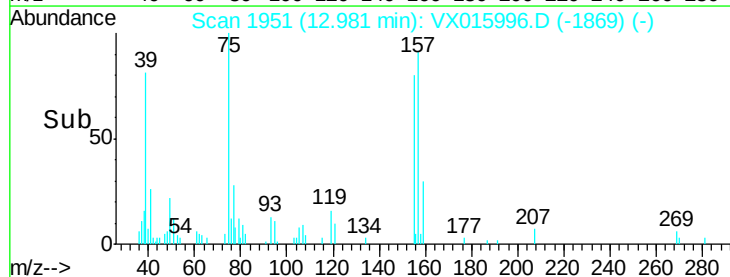
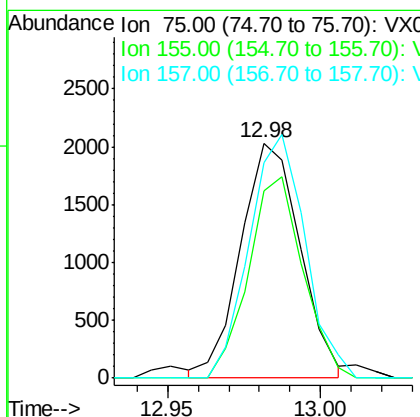
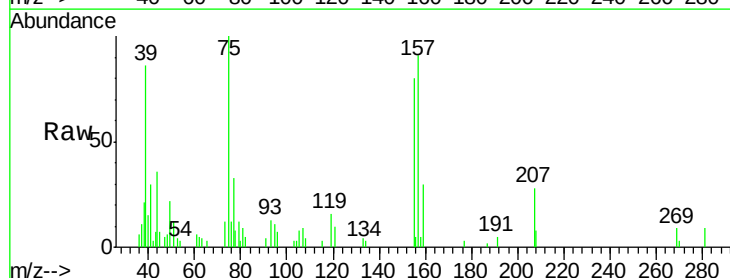
RT: 12.98 min Scan# 1951

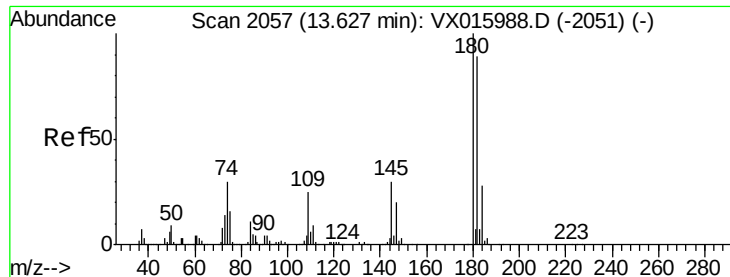
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	66.9	100.3
157	97.7	88.2	132.2





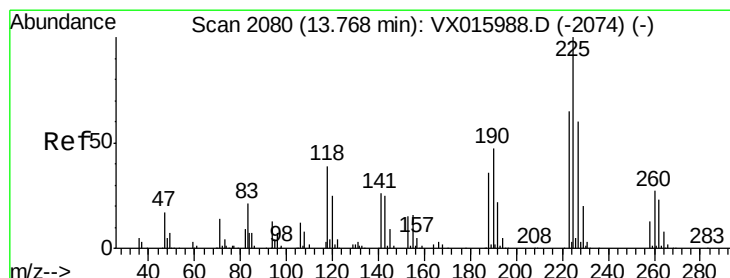
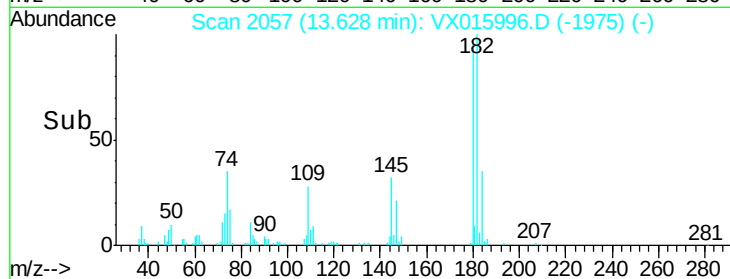
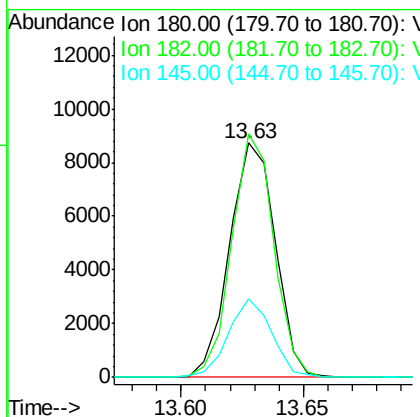
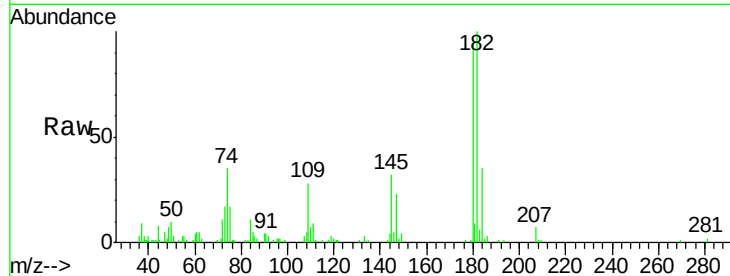
#89
 1,2,4-Trichlorobenzene
 Concen: 2.313 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	31.7	23.9	35.9

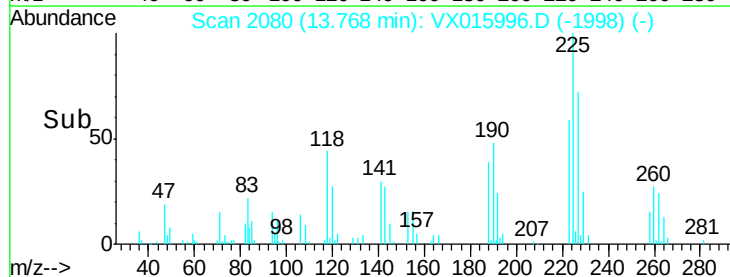
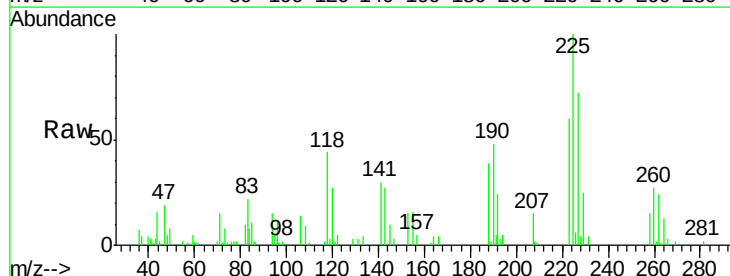
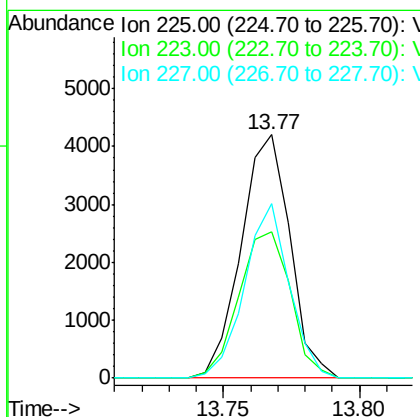
Manual Integrations
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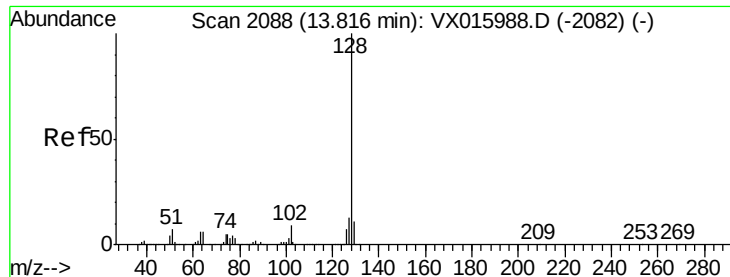
MMDadoda
 5/4/2020 3:10:24 PM



#90
 Hexachlorobutadiene
 Concen: 2.486 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	123.6
227	65.4	0.0	123.6





#91

Naphthalene

Concen: 2.301 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

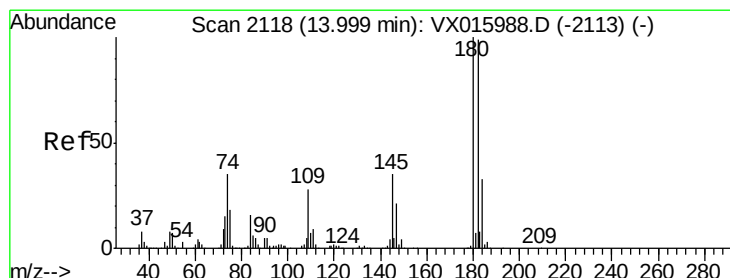
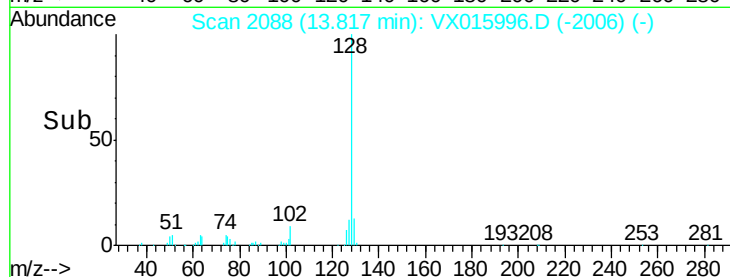
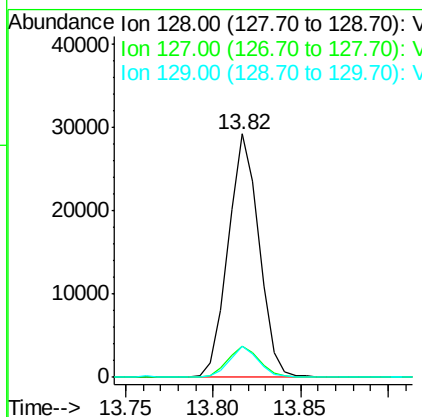
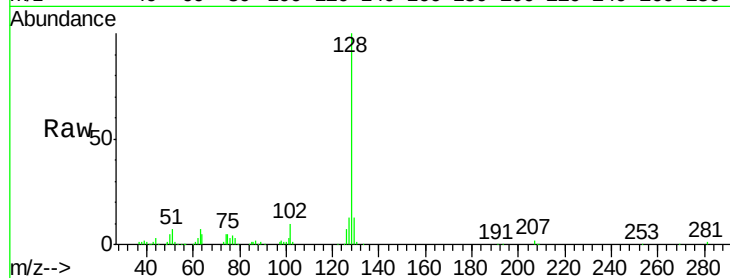
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	128	Resp:	35916
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.9	8.6	13.0

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#92

1,2,3-Trichlorobenzene

Concen: 2.479 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion:	180	Resp:	11677
Ion	Ratio	Lower	Upper
180	100		
182	92.9	0.0	197.2
145	31.7	0.0	66.0

