

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015090.D
 Acq On : 04 Mar 2020 16:19
 Operator : JC/SP
 Sample : L1161-07 0.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:54:05 PM

Quant Time: Mar 05 12:28:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 07:49:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	217960	48.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	173691	46.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	663812	46.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	223655	43.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	2173	0.657	ug/l	100
3) Chloromethane	1.32	50	3059	0.653	ug/l	96
4) Vinyl Chloride	1.40	62	2786	0.586	ug/l #	73
6) Chloroethane	1.73	64	1869	0.655	ug/l	96
7) Trichlorofluoromethane	1.92	101	3057	0.540	ug/l	87
8) Diethyl Ether	2.19	74	1443	0.563	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2140	0.601	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	2128	0.579	ug/l #	74
14) Allyl chloride	2.72	41	4478	0.699	ug/l	95
15) Acrylonitrile	3.14	53	5993	3.094	ug/l	92
16) Acetone	2.44	43	6263	3.449	ug/l #	81
17) Carbon Disulfide	2.56	76	7834	0.768	ug/l	98
18) Methyl Acetate	2.77	43	2722	0.613	ug/l #	81
19) Methyl tert-butyl Ether	3.18	73	6534	0.569	ug/l #	78
20) Methylene Chloride	2.84	84	2868	0.675	ug/l #	72
21) trans-1,2-Dichloroethene	3.16	96	2944	0.751	ug/l	88
22) Diisopropyl ether	3.84	45	6631	0.520	ug/l #	83
23) Vinyl Acetate	3.81	43	25719	2.452	ug/l #	91
24) 1,1-Dichloroethane	3.69	63	4685	0.662	ug/l #	83
25) 2-Butanone	4.68	43	7533	2.834	ug/l	90
26) 2,2-Dichloropropane	4.58	77	3165m	0.563	ug/l	
27) cis-1,2-Dichloroethene	4.59	96	2984	0.678	ug/l	94
28) Bromochloromethane	5.01	49	2123	0.658	ug/l #	64
29) Tetrahydrofuran	5.13	42	3954	2.307	ug/l #	85
30) Chloroform	5.21	83	4521	0.655	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	3369m	0.589	ug/l	
36) 1,1-Dichloropropene	5.79	75	3988	0.725	ug/l #	78
37) Ethyl Acetate	4.83	43	2760	0.541	ug/l #	88
38) Carbon Tetrachloride	5.78	117	2585	0.498	ug/l	88
39) Methylcyclohexane	7.46	83	3579	0.557	ug/l #	86
40) Benzene	6.14	78	8481	0.520	ug/l	100
42) 1,2-Dichloroethane	6.19	62	3715	0.663	ug/l	88
43) Isopropyl Acetate	6.44	43	4371	0.487	ug/l #	96
44) Trichloroethene	7.21	130	3384	0.745	ug/l	90

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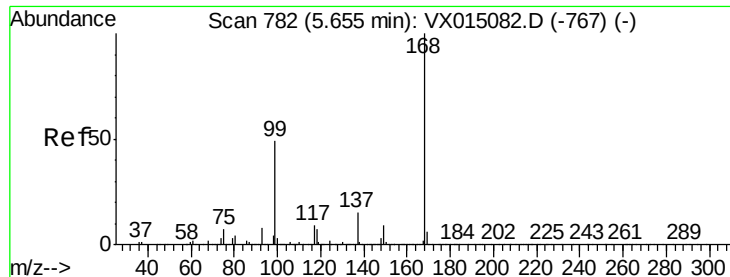
MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	7.51	63	2262	0.536	ug/l	96
46) Dibromomethane	7.66	93	1656	0.602	ug/l	86
47) Bromodichloromethane	7.90	83	2944	0.541	ug/l #	99
48) Methyl methacrylate	7.77	41	1859	0.407	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	12764	2.406	ug/l	95
52) Toluene	8.78	92	5385	0.540	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	2681	0.463	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	3202	0.489	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2265	0.552	ug/l #	82
56) Ethyl methacrylate	9.18	69	2726	0.465	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	4269	0.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	7272	2.279	ug/l	96
59) 2-Hexanone	9.49	43	8228	2.092	ug/l	87
60) Dibromochloromethane	9.58	129	2549	0.591	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2555	0.592	ug/l	96
64) Tetrachloroethene	9.33	164	2870	0.646	ug/l	84
65) Chlorobenzene	10.14	112	6109	0.566	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	2116	0.520	ug/l #	63
67) Ethyl Benzene	10.25	91	9358	0.511	ug/l	96
68) m/p-Xylenes	10.36	106	7396	1.061	ug/l	96
69) o-Xylene	10.69	106	3118	0.467	ug/l	93
70) Styrene	10.71	104	5612	0.490	ug/l	90
71) Bromoform	10.85	173	1620	0.513	ug/l #	74
73) Isopropylbenzene	11.01	105	8311	0.502	ug/l	91
74) N-amyl acetate	10.89	43	3481	0.499	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.26	83	3171	0.575	ug/l #	92
76) 1,2,3-Trichloropropane	11.29	75	3267m	0.632	ug/l	
77) Bromobenzene	11.25	156	3316	0.719	ug/l	86
78) n-propylbenzene	11.35	91	10635	0.563	ug/l	95
79) 2-Chlorotoluene	11.42	91	6837	0.606	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	6564	0.477	ug/l	85
82) 4-Chlorotoluene	11.51	91	8532	0.640	ug/l	95
83) tert-Butylbenzene	11.77	119	6958	0.522	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	7759	0.561	ug/l	97
85) sec-Butylbenzene	11.94	105	8108	0.504	ug/l	92
86) p-Isopropyltoluene	12.06	119	7086	0.478	ug/l #	77
87) 1,3-Dichlorobenzene	12.02	146	5484	0.677	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	6470m	0.773	ug/l	
89) n-Butylbenzene	12.39	91	7122	0.541	ug/l	89
90) Hexachloroethane	12.59	117	1607	0.574	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	5321	0.660	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	662	0.600	ug/l	69
93) 1,2,4-Trichlorobenzene	13.64	180	4413	0.789	ug/l	87
94) Hexachlorobutadiene	13.78	225	2109	0.735	ug/l	93
95) Naphthalene	13.83	128	8383	0.548	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	3626	0.650	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:168 Resp: 377921

Ion Ratio Lower Upper

168 100

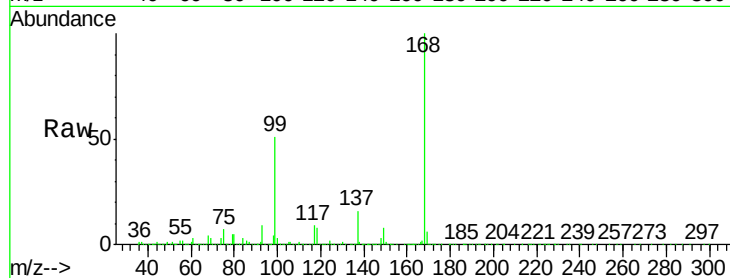
99 50.6 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

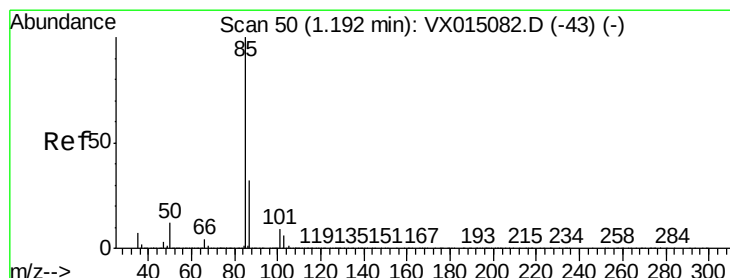
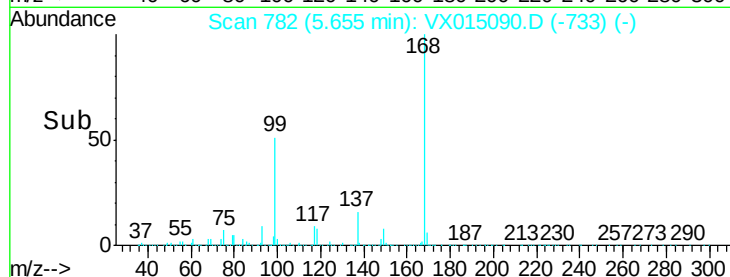
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.657 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015090.D

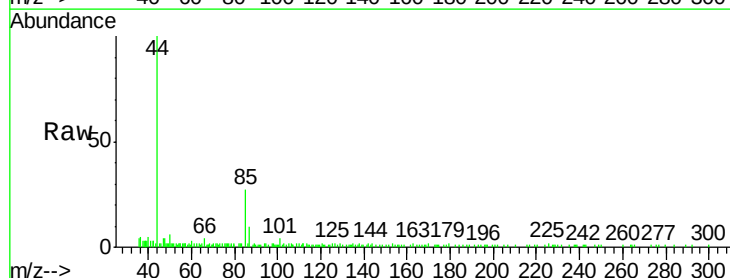
Acq: 04 Mar 2020 16:19

Tgt Ion: 85 Resp: 2173

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

2000

1500

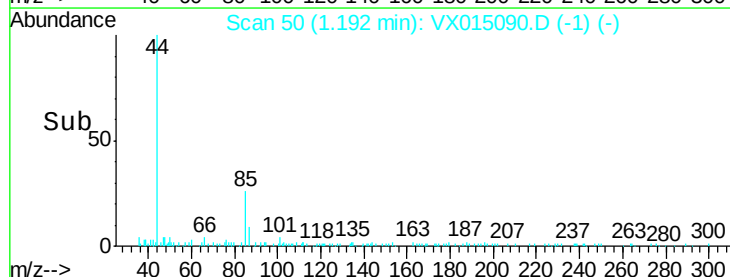
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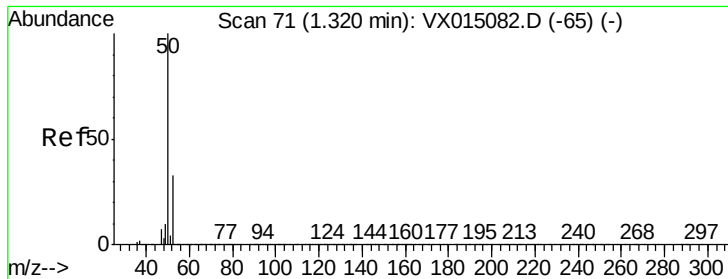
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 0.653 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 50 Resp: 3059

Ion Ratio Lower Upper

50 100

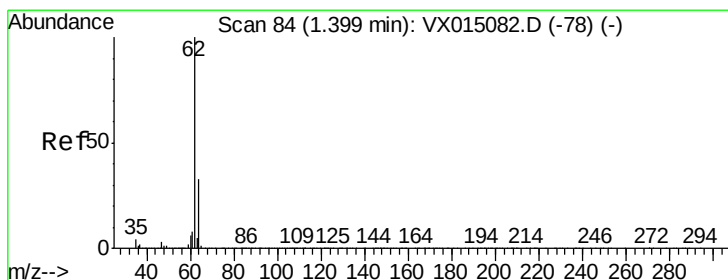
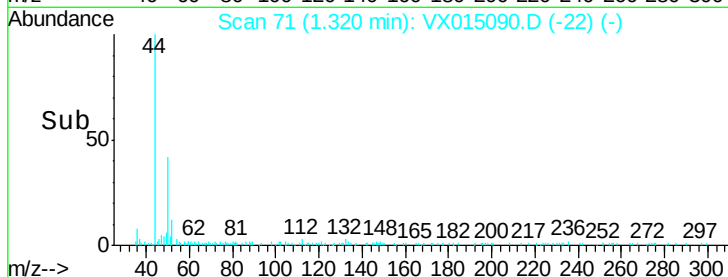
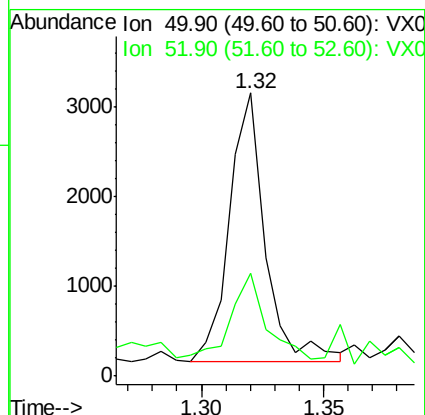
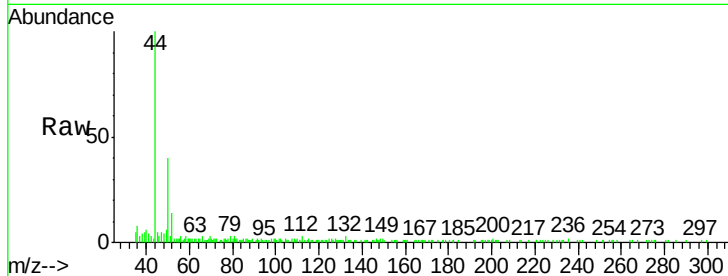
52 30.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 0.586 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015090.D

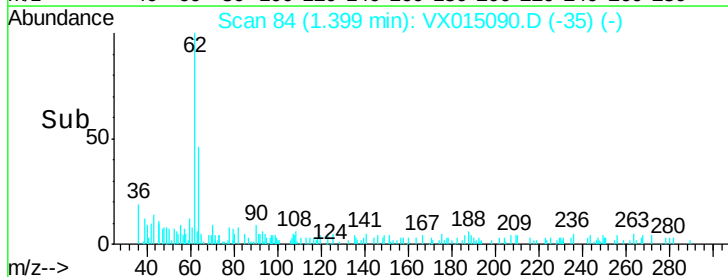
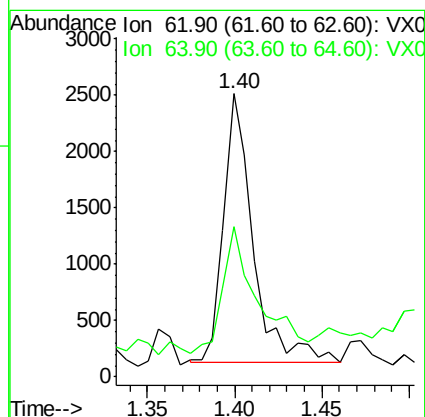
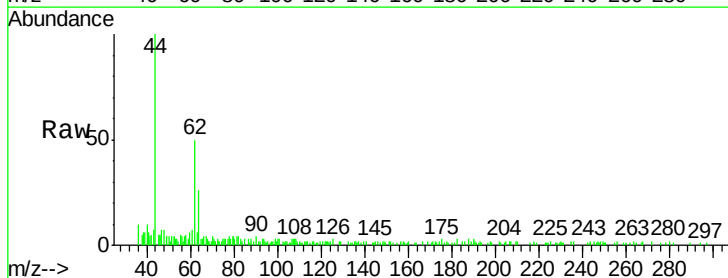
Acq: 04 Mar 2020 16:19

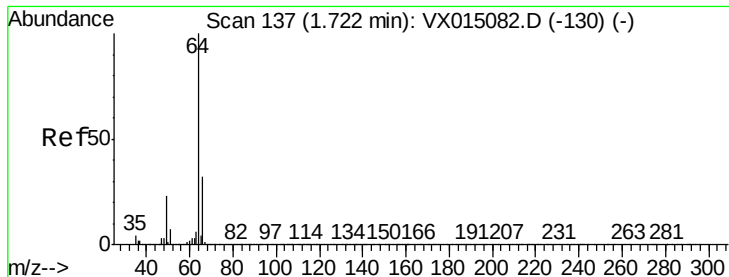
Tgt Ion: 62 Resp: 2786

Ion Ratio Lower Upper

62 100

64 47.5 26.1 39.1#





#6

Chloroethane

Concen: 0.655 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 64 Resp: 1869

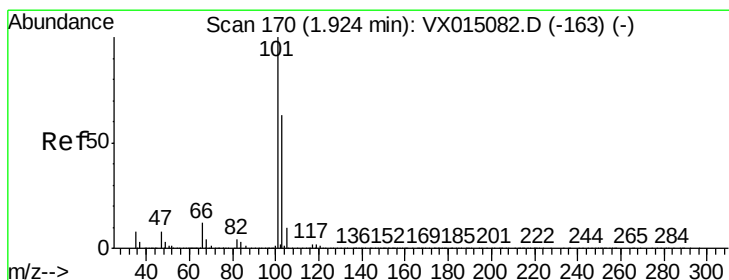
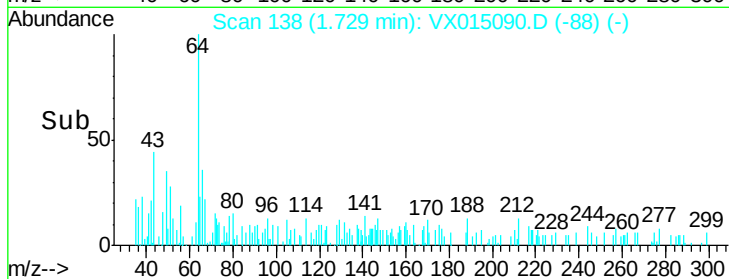
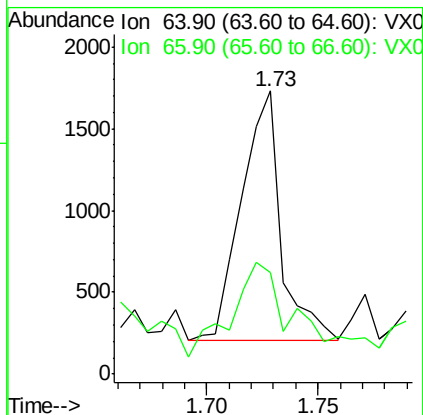
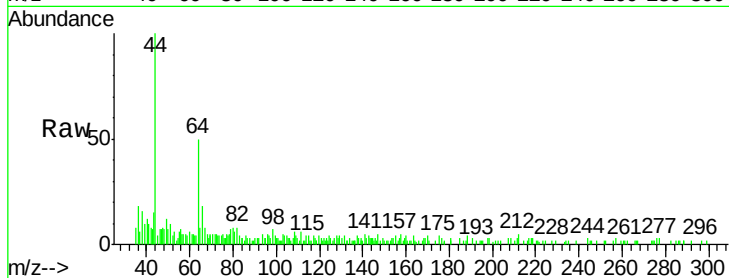
Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.8

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#7

Trichlorofluoromethane

Concen: 0.540 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX015090.D

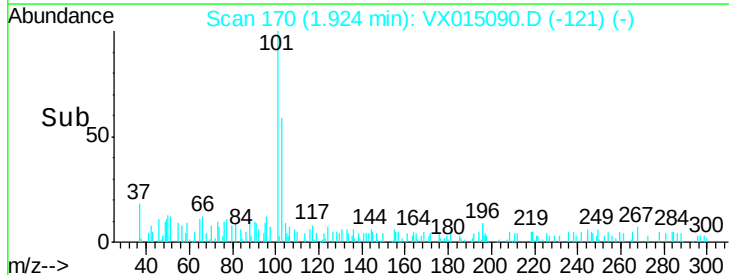
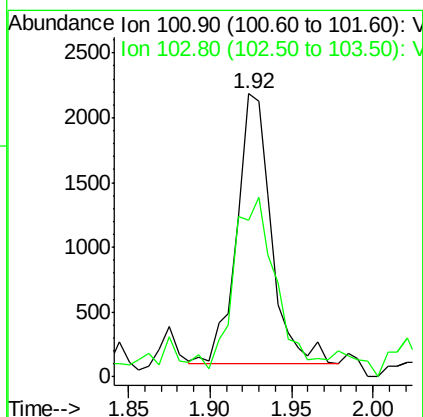
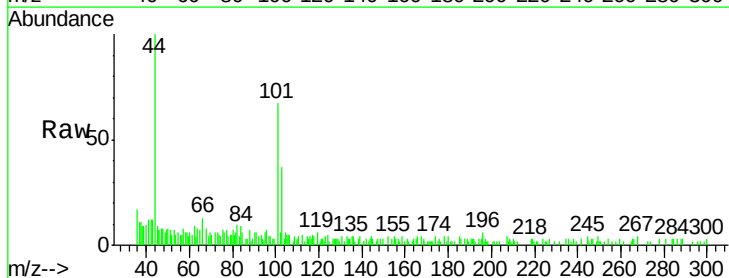
Acq: 04 Mar 2020 16:19

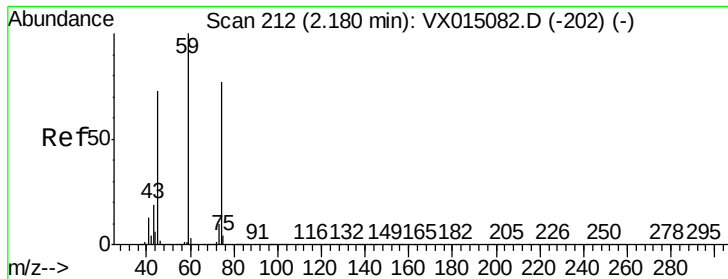
Tgt Ion: 101 Resp: 3057

Ion Ratio Lower Upper

101 100

103 52.8 50.4 75.6





#8

Diethyl Ether

Concen: 0.563 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 74 Resp: 1443

Ion Ratio Lower Upper

74 100

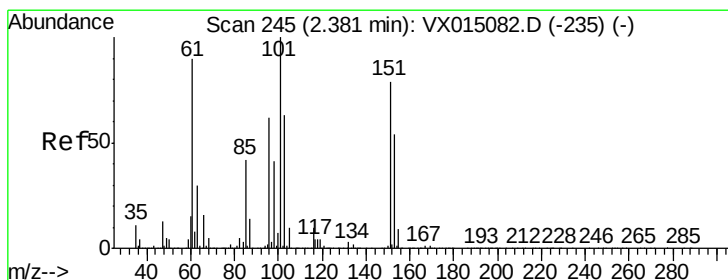
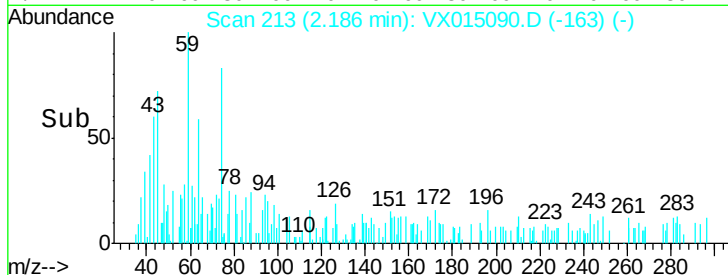
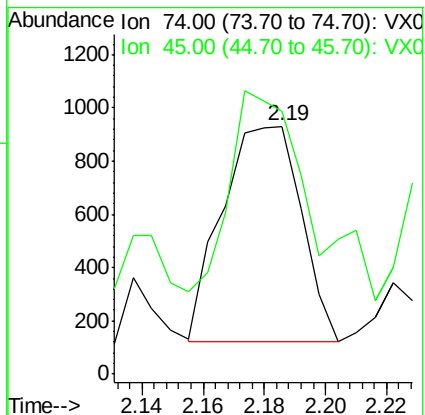
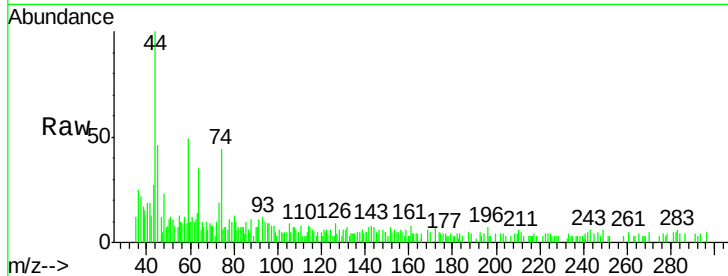
45 116.9 49.2 147.6

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.601 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

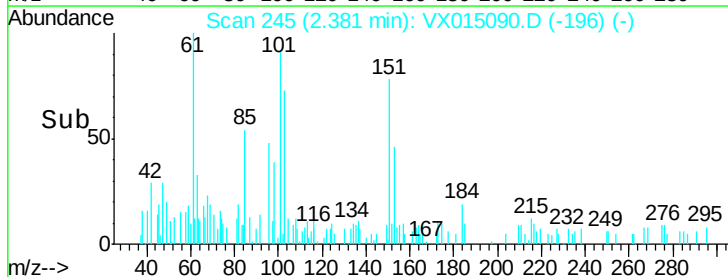
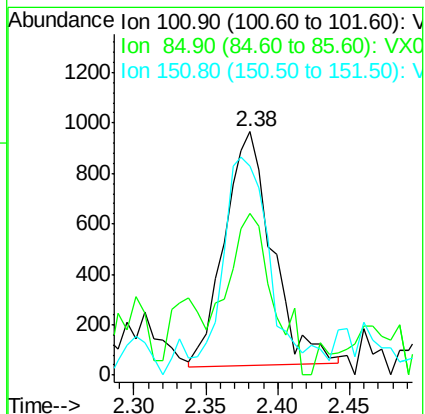
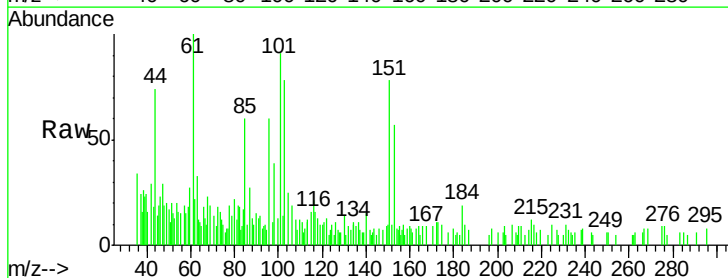
Tgt Ion: 101 Resp: 2140

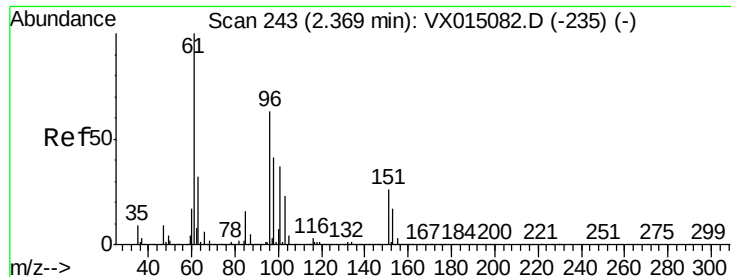
Ion Ratio Lower Upper

101 100

85 65.6 33.7 50.5#

151 79.7 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.579 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

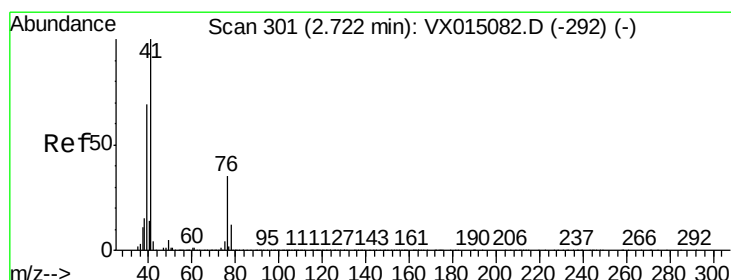
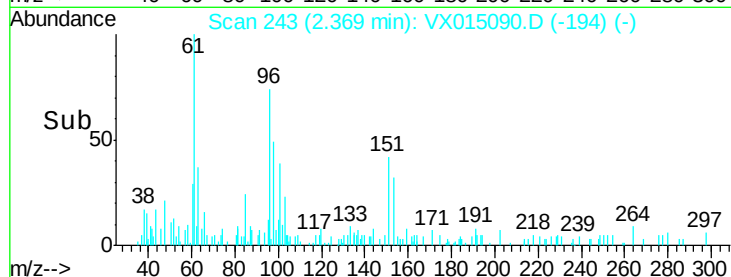
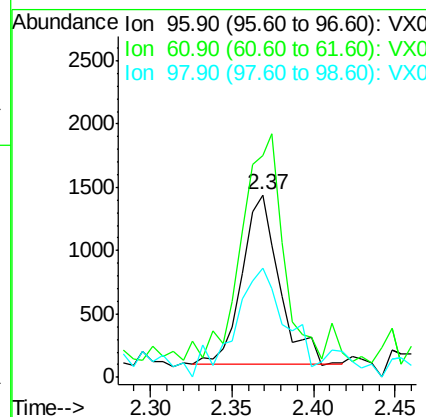
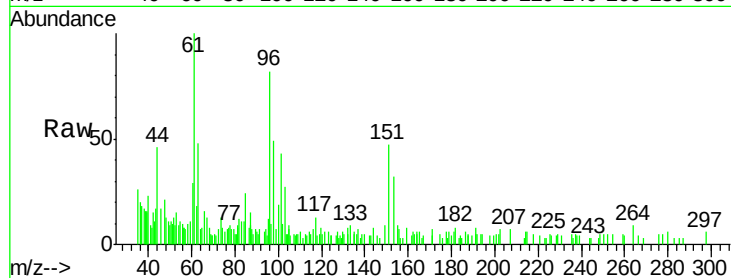
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	96	Resp:	2128
Ion	Ratio	Lower	Upper
96	100		
61	109.4	126.2	189.4#
98	64.8	51.4	77.0

Manual Integrations
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#14

Allyl chloride

Concen: 0.699 ug/l

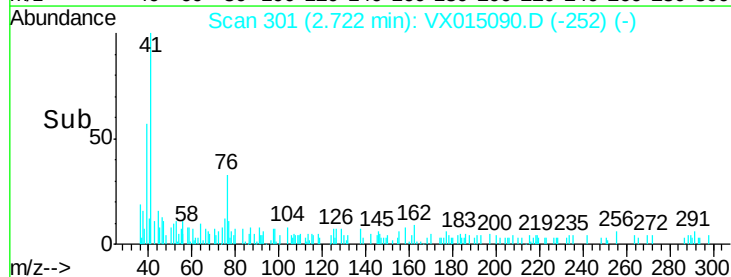
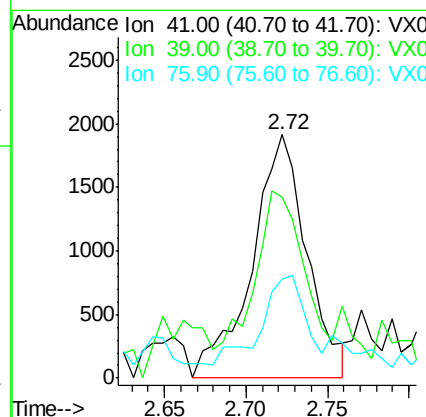
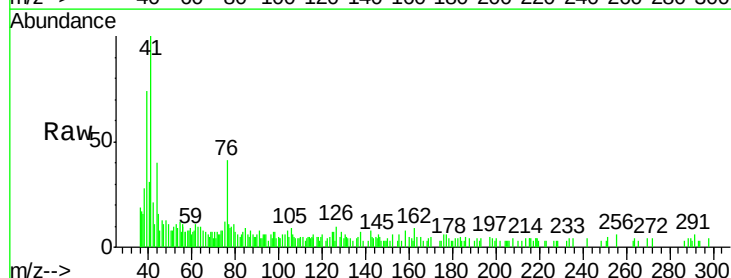
RT: 2.72 min Scan# 301

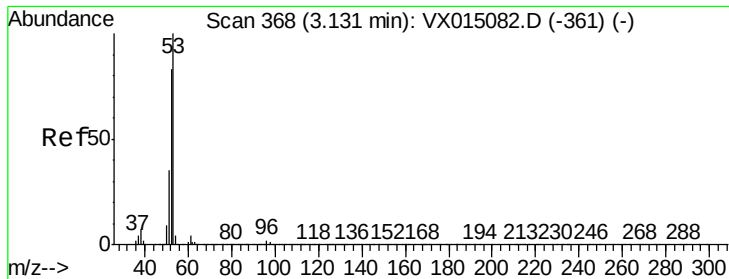
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	41	Resp:	4478
Ion	Ratio	Lower	Upper
41	100		
39	68.6	52.9	79.3
76	28.0	26.8	40.2





#15

Acrylonitrile

Concen: 3.094 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

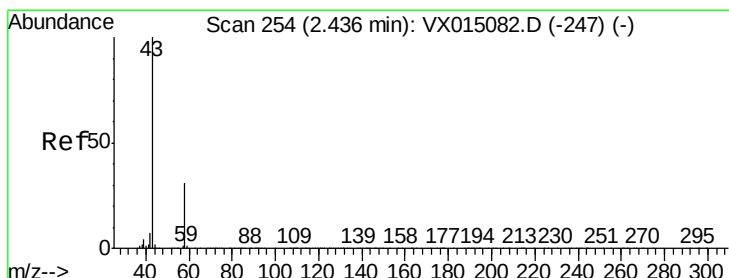
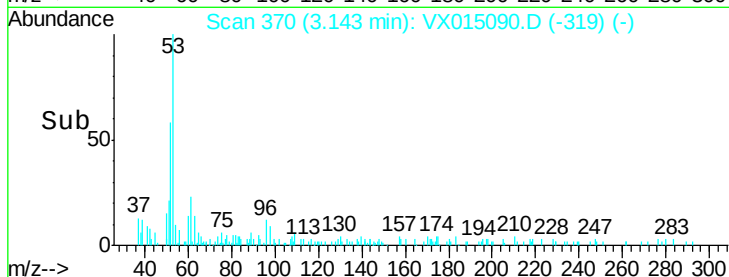
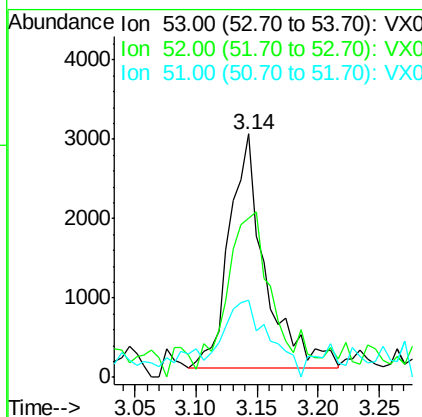
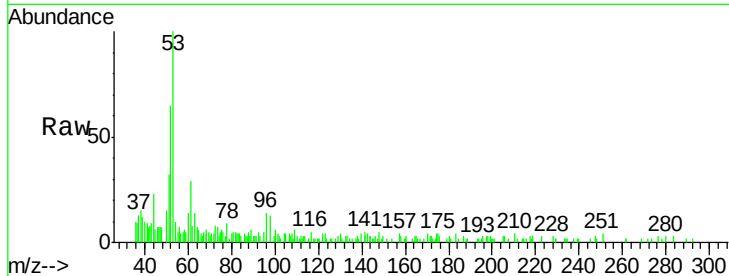
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	53	Resp:	5993
Ion	Ratio	Lower	Upper
53	100		
52	76.4	66.6	100.0
51	42.2	29.0	43.6

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#16

Acetone

Concen: 3.449 ug/l

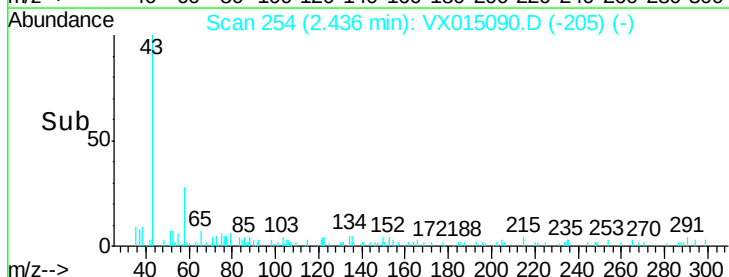
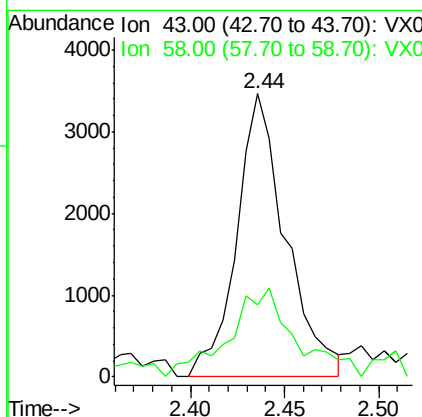
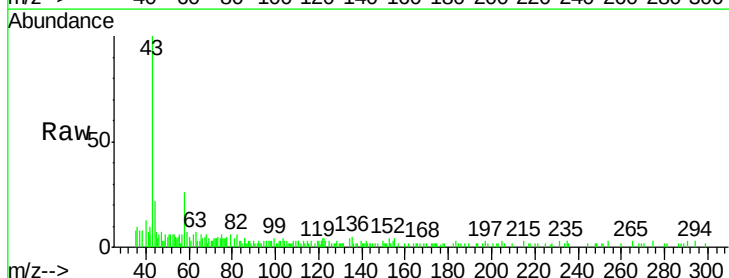
RT: 2.44 min Scan# 254

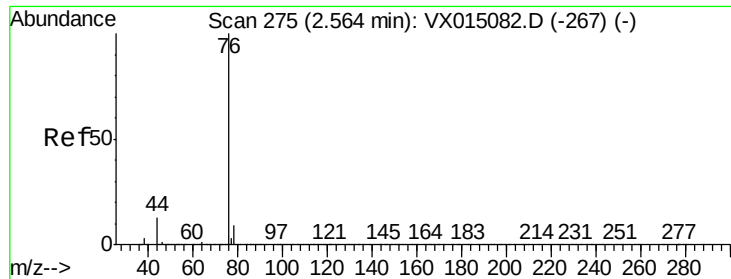
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	43	Resp:	6263
Ion	Ratio	Lower	Upper
43	100		
58	20.6	24.8	37.2#





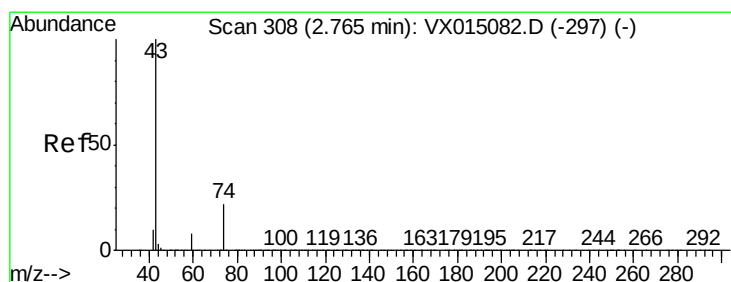
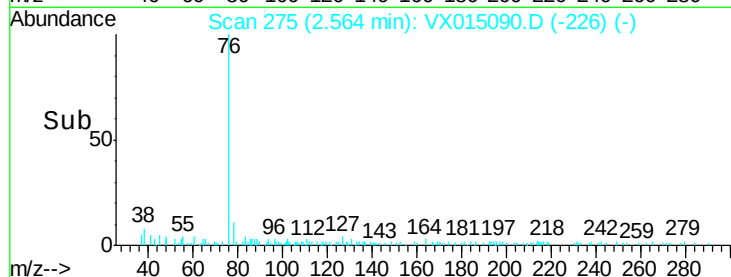
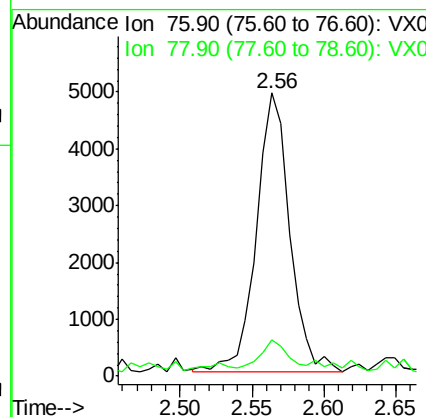
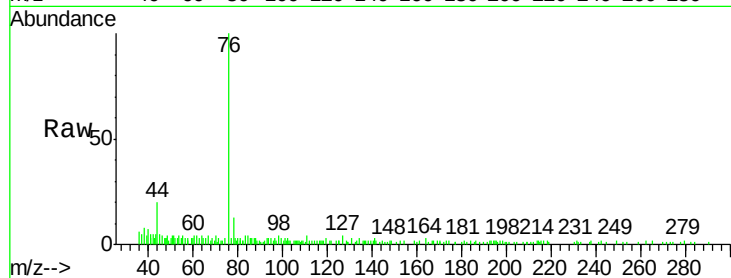
#17
Carbon Disulfide
Concen: 0.768 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

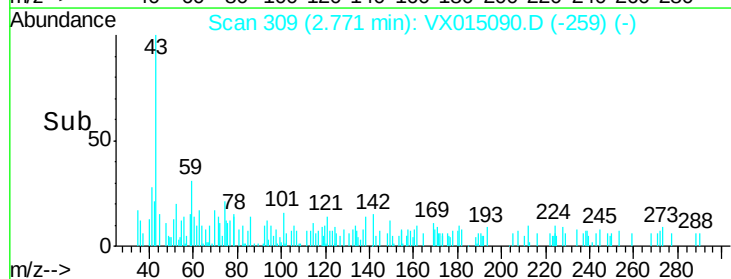
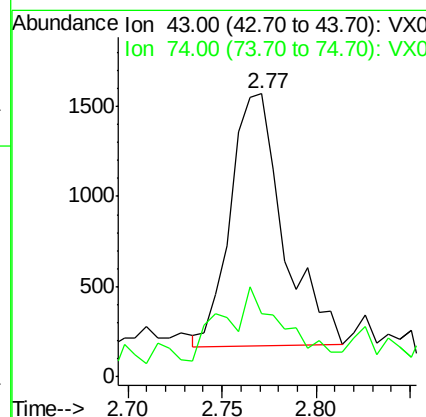
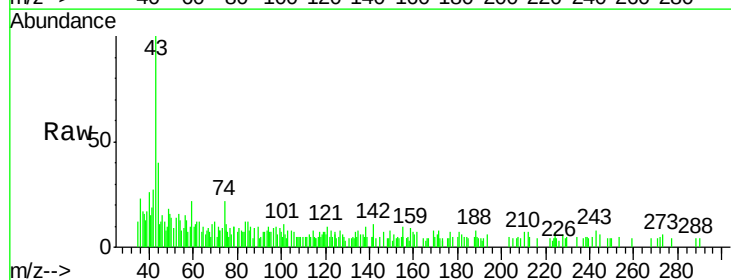
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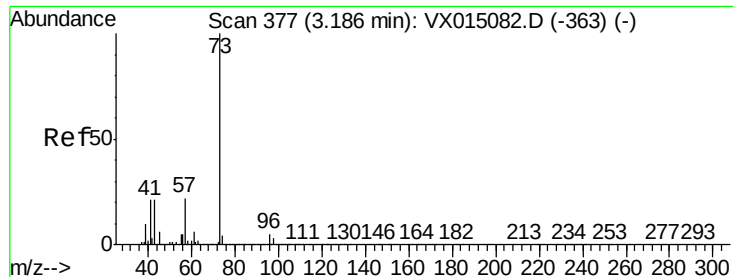
MMDadoda
3/5/2020 3:54:05 PM



#18
Methyl Acetate
Concen: 0.613 ug/l
RT: 2.77 min Scan# 309
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.0	18.8	28.2





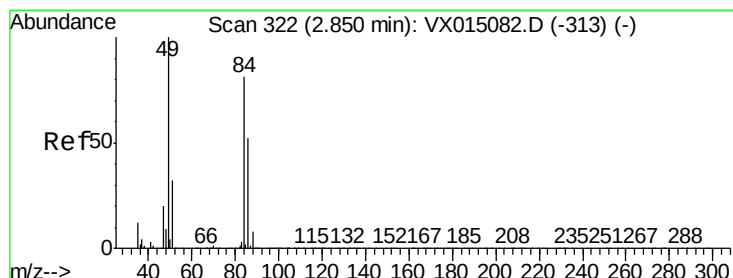
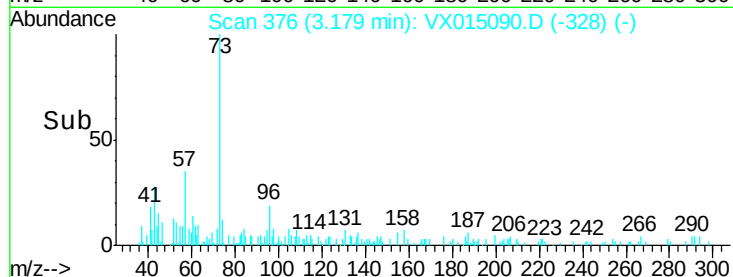
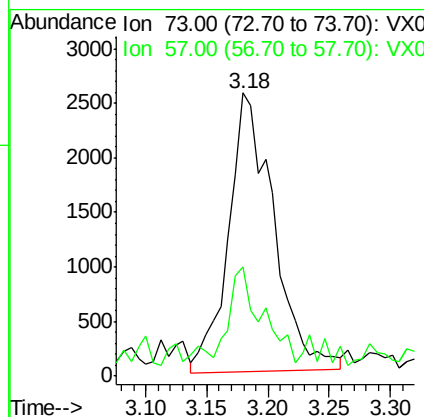
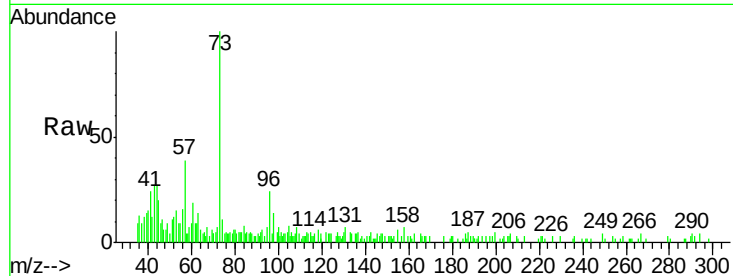
#19
Methyl tert-butyl Ether
Concen: 0.569 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion: 73 Resp: 6534
Ion Ratio Lower Upper
73 100
57 32.5 17.8 26.6#

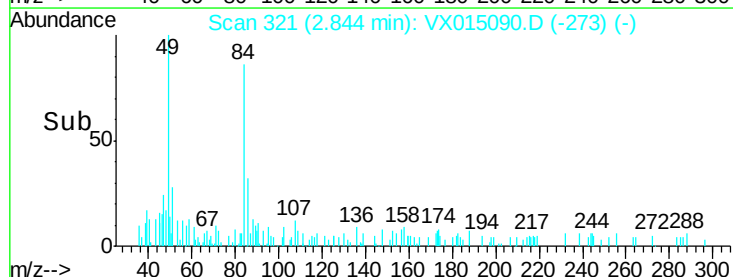
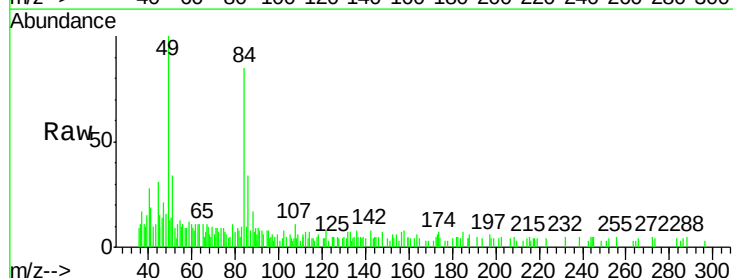
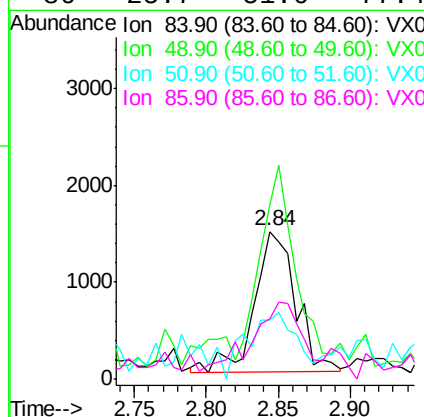
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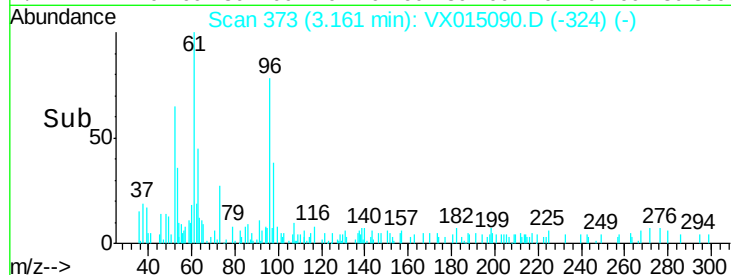
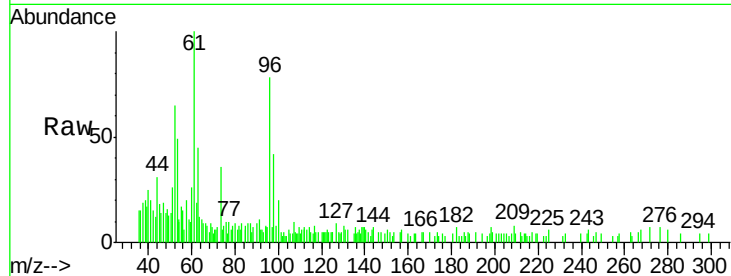
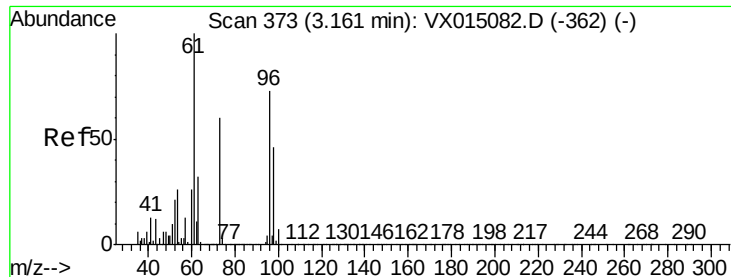
MMDadoda
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#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 84 Resp: 2868
Ion Ratio Lower Upper
84 100
49 102.3 99.4 149.2
51 26.9 31.5 47.3#
86 25.7 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.751 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tot Ion:	96	Resp:	2944
Ion	Ratio	Lower	Upper
96	100		
61	124.6	109.9	164.9
98	51.1	50.2	75.2

Instrument :

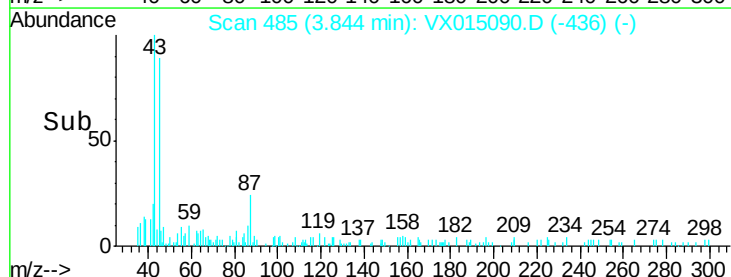
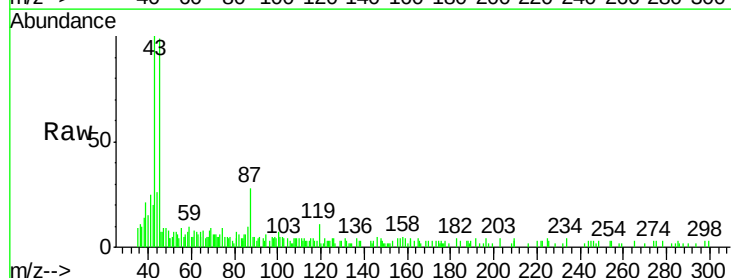
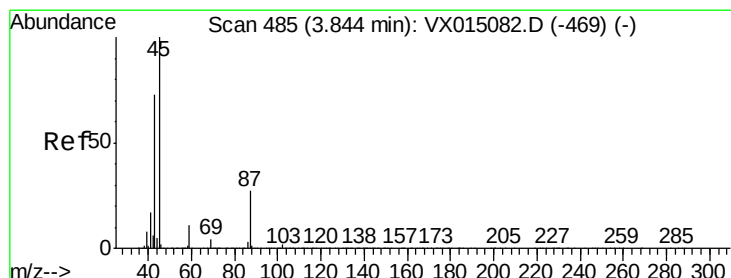
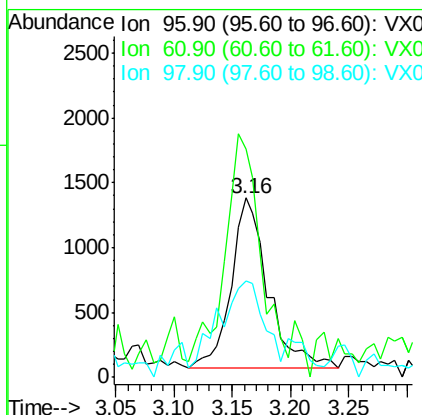
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.520 ug/l

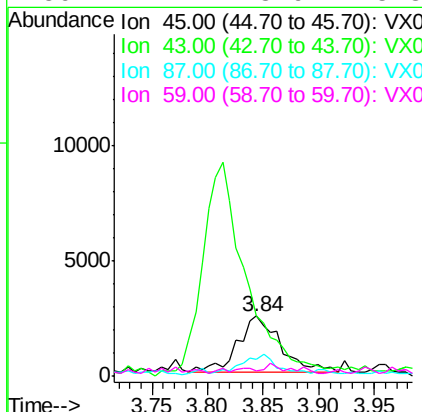
RT: 3.84 min Scan# 485

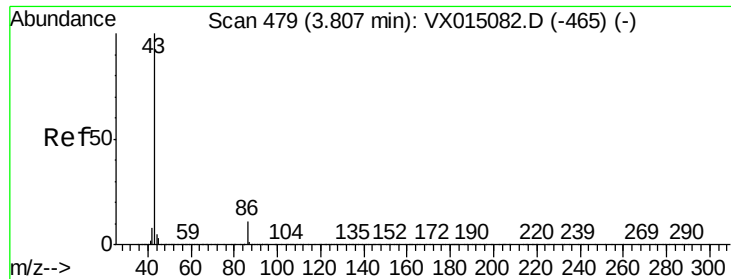
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	45	Resp:	6631
Ion	Ratio	Lower	Upper
45	100		
43	90.9	58.2	87.2#
87	26.0	21.2	31.8
59	1.1	8.9	13.3#





#23

Vinyl Acetate

Concen: 2.452 ug/l

RT: 3.81 min Scan# 480

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 25719

Ion Ratio Lower Upper

43 100

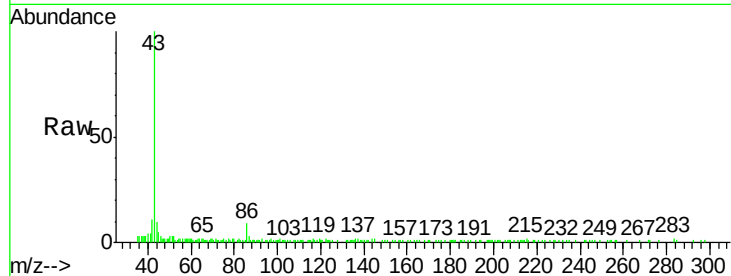
86 7.4 8.6 12.8#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

10000

8000

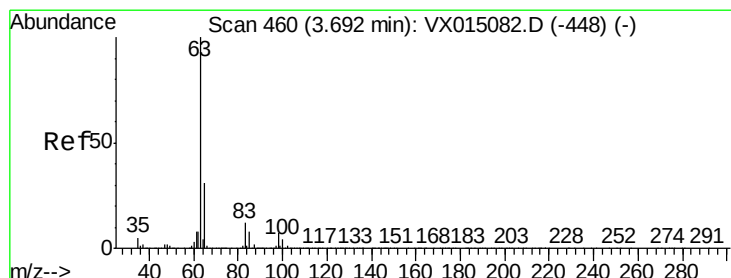
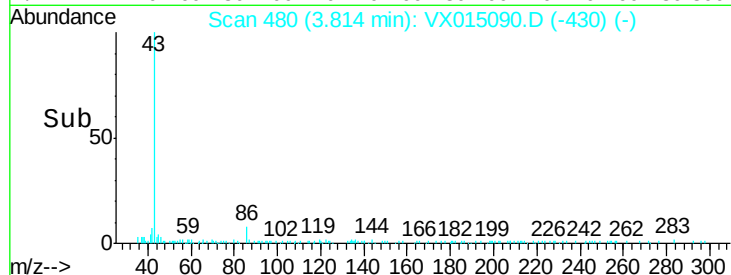
6000

4000

2000

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.662 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

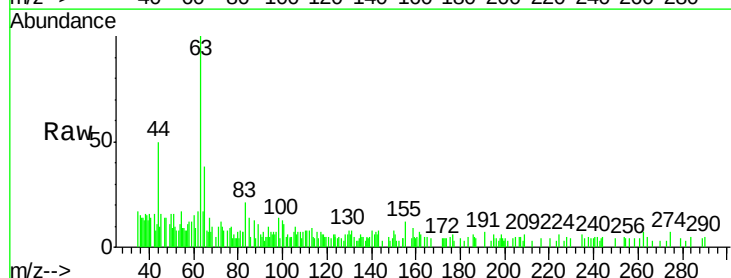
Tgt Ion: 63 Resp: 4685

Ion Ratio Lower Upper

63 100

98 10.1 3.7 11.1

100 14.8 2.1 6.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

2000

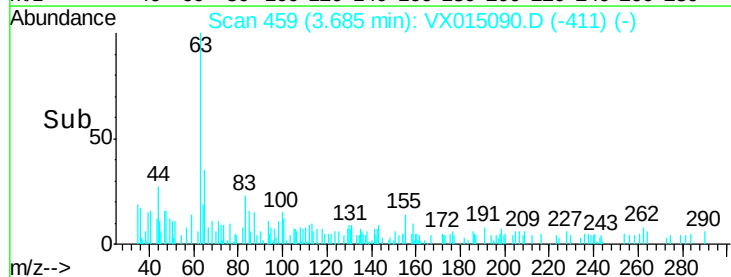
1500

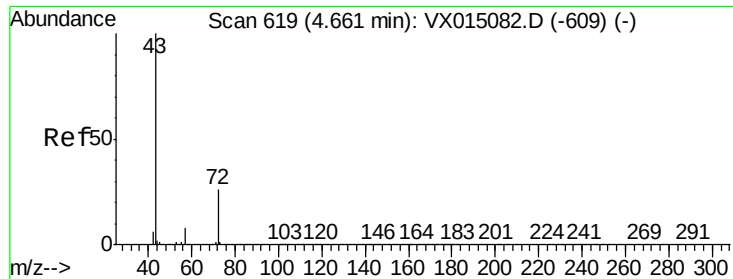
1000

500

0

Time-->





#25

2-Butanone

Concen: 2.834 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 7533

Ion Ratio Lower Upper

43 100

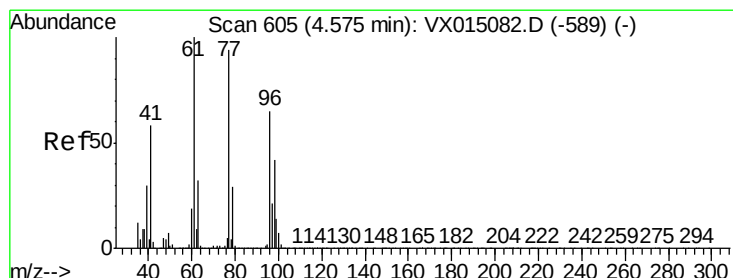
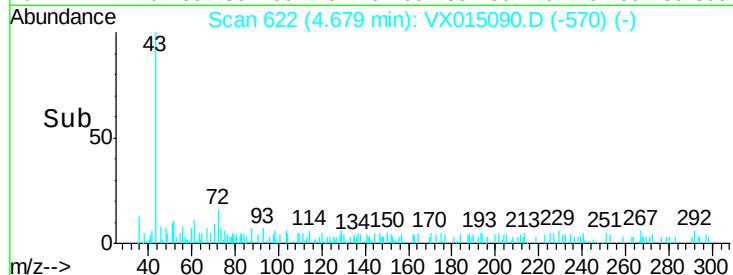
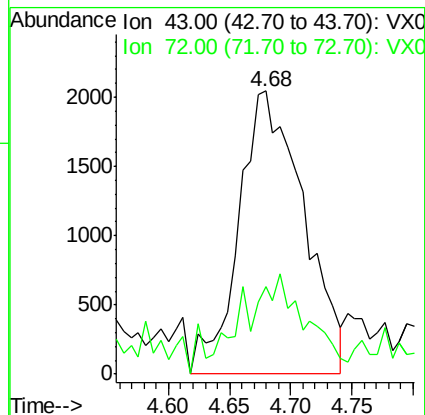
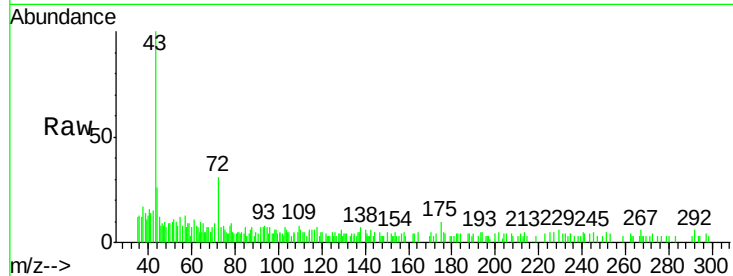
72 30.7 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.563 ug/l m

RT: 4.58 min Scan# 606

Delta R.T. 0.01 min

Lab File: VX015090.D

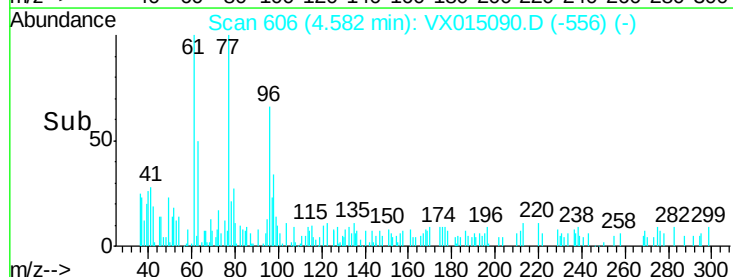
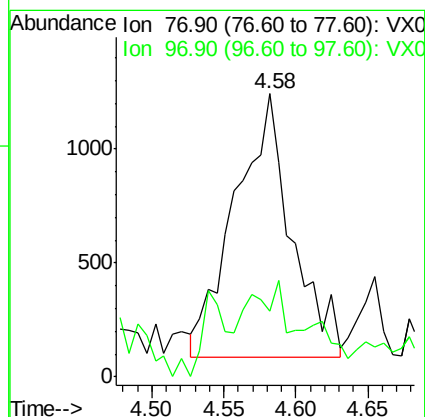
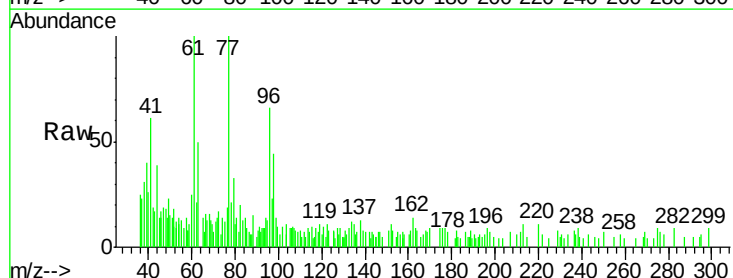
Acq: 04 Mar 2020 16:19

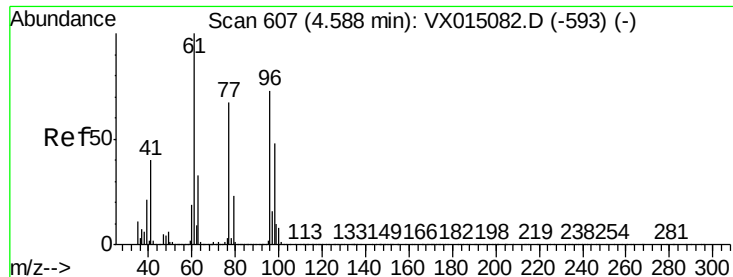
Tgt Ion: 77 Resp: 3165

Ion Ratio Lower Upper

77 100

97 3.1 11.8 35.4#





#27

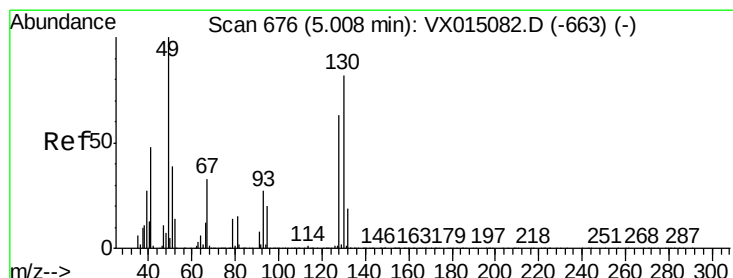
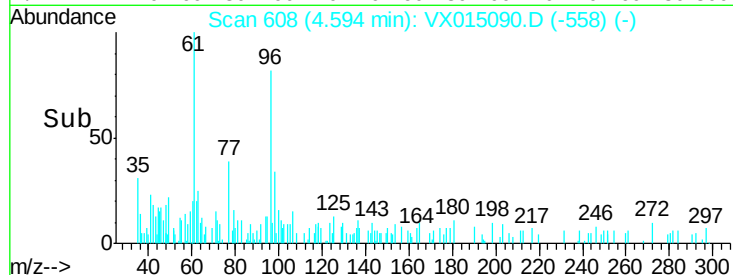
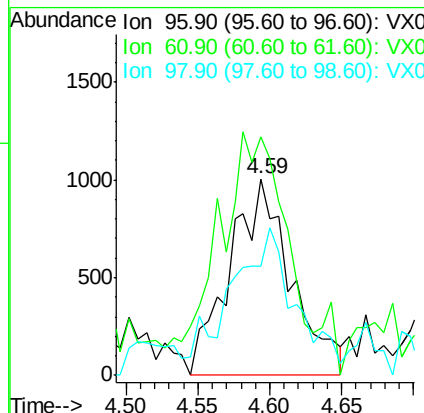
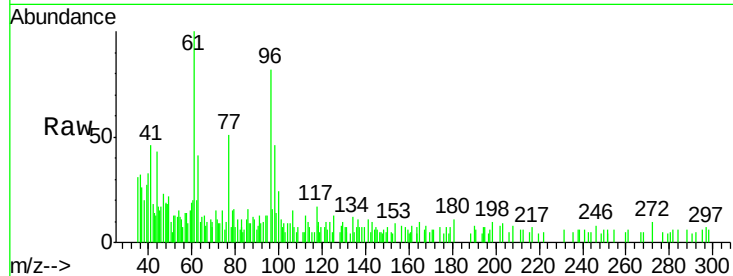
cis-1,2-Dichloroethene
Concen: 0.678 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	286.8
98	79.2	0.0	128.4

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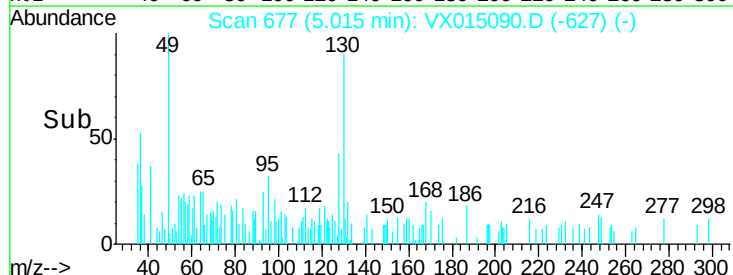
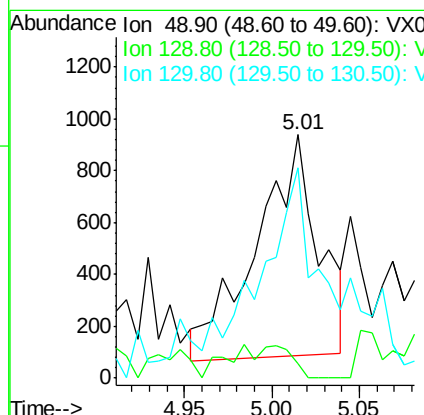
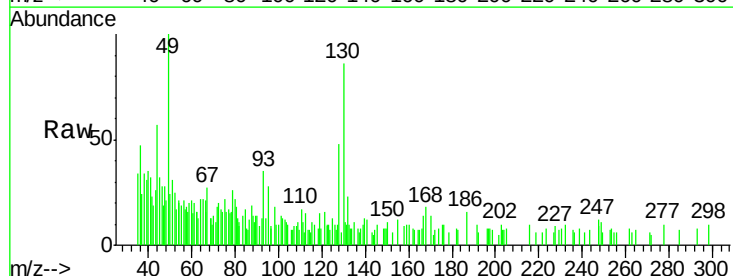
MMDadoda
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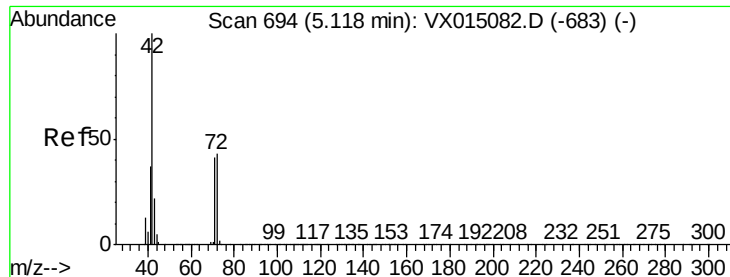


#28

Bromochloromethane
Concen: 0.658 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	113.8	65.0	97.6#





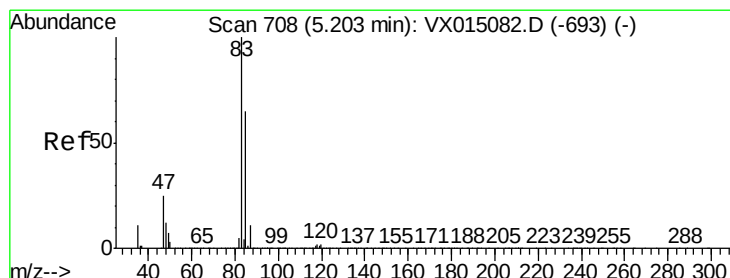
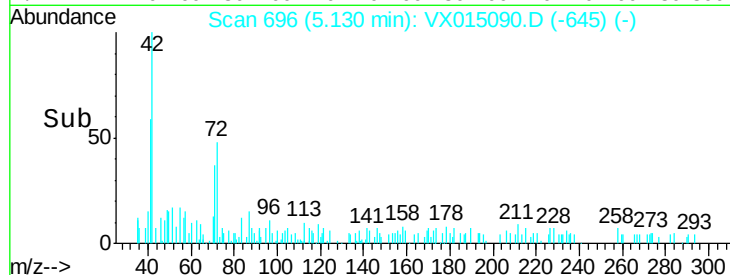
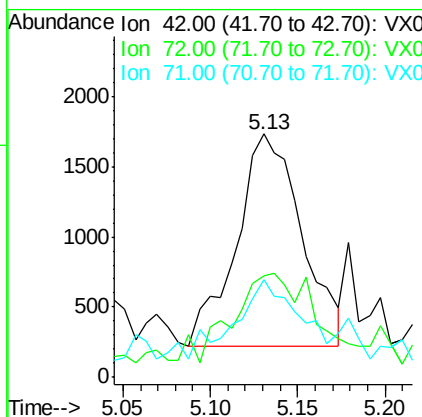
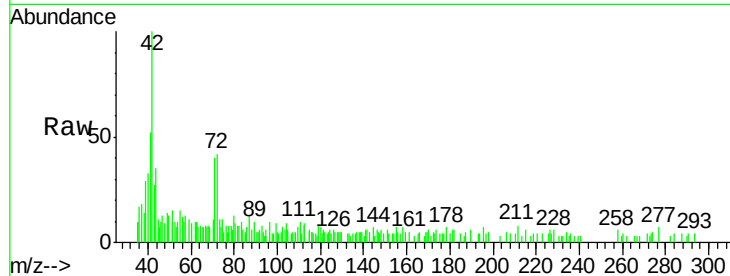
#29
Tetrahydrofuran
Concen: 2.307 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion:	42	Resp:	3954
Ion Ratio	Lower	Upper	
42	100		
72	54.4	36.4	54.6
71	31.0	33.3	49.9#

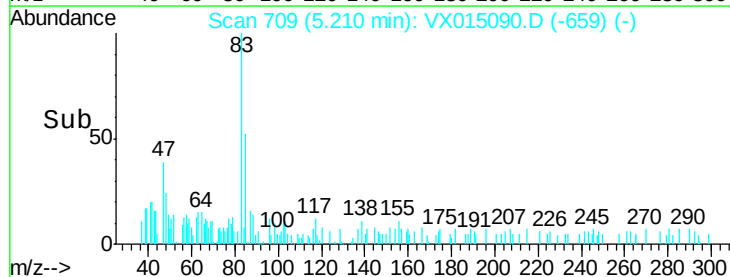
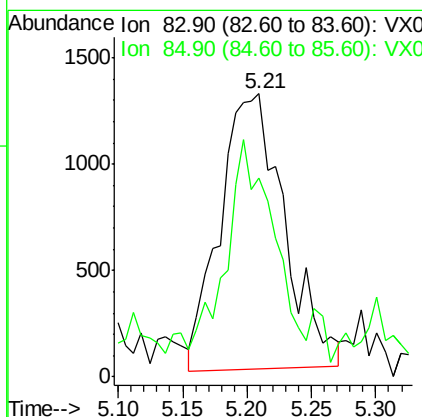
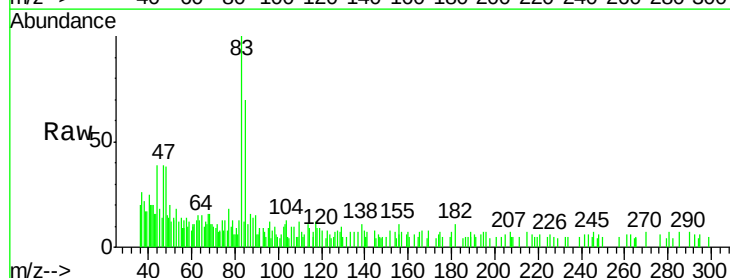
Manual Integrations
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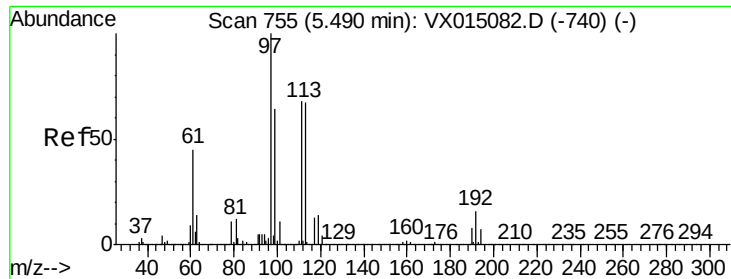
MMDadoda
3/5/2020 3:54:05 PM



#30
Chloroform
Concen: 0.655 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion:	83	Resp:	4521
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.0	78.0





#32

1,1,1-Trichloroethane

Concen: 0.589 ug/l m

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

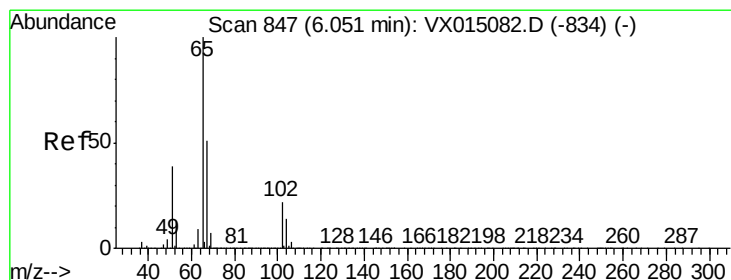
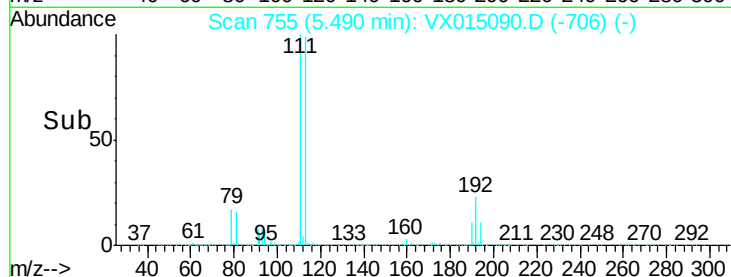
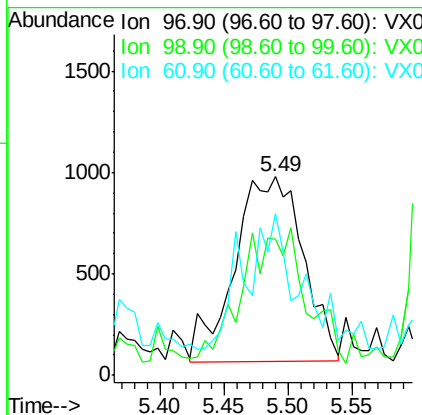
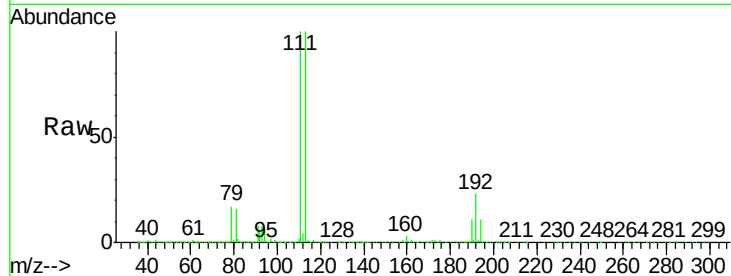
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	97	Resp:	3369
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.8	79.2#
61	16.6	36.6	54.8#

Manual Integrations
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3/5/2020 3:54:05 PM



#33

1,2-Dichloroethane-d4

Concen: 48.613 ug/l

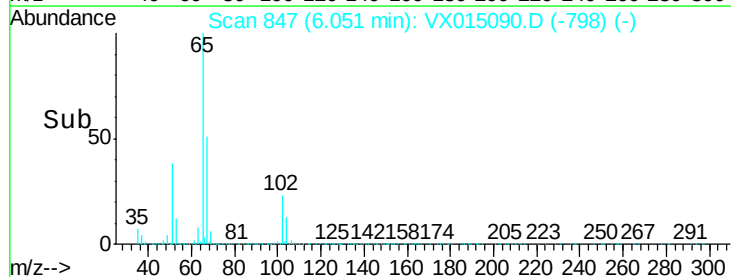
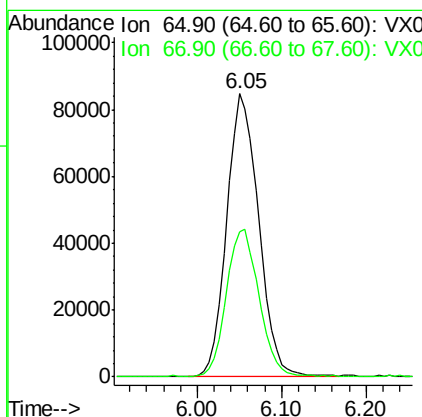
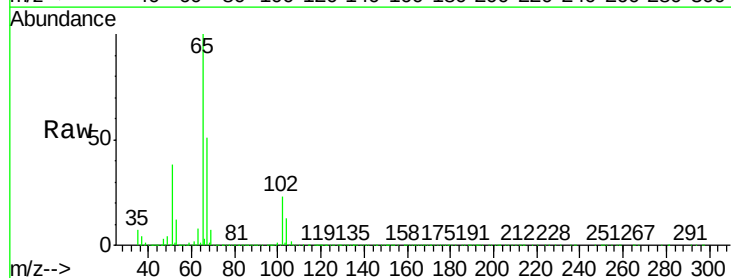
RT: 6.05 min Scan# 847

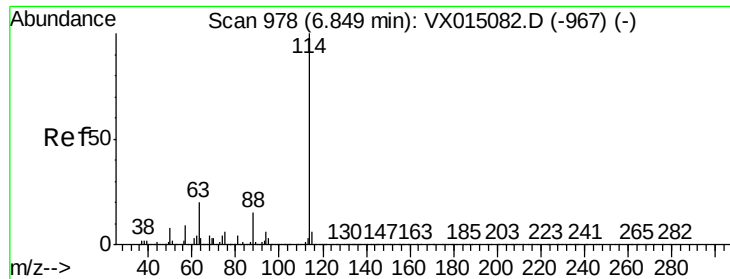
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	65	Resp:	217960
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

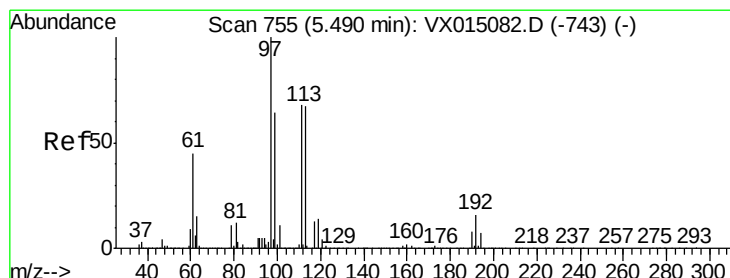
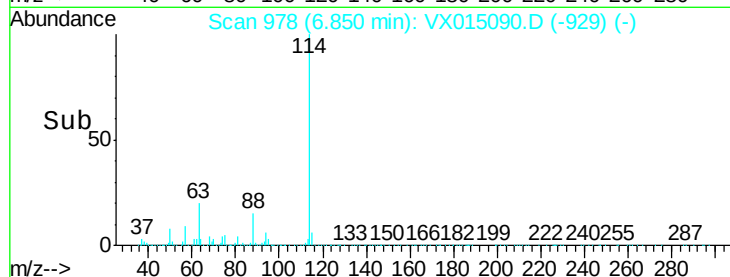
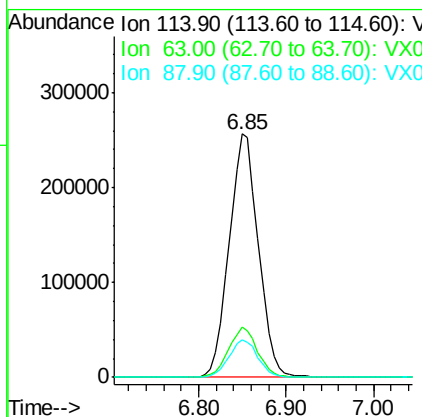
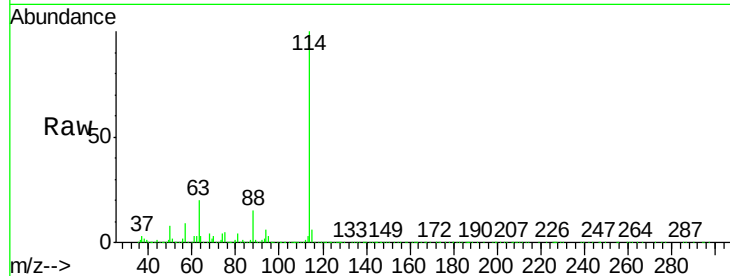
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
114	100	594882		
63	20.4	0.0	40.0	
88	15.4	0.0	30.6	

Manual Integrations
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3/5/2020 3:54:05 PM



#35

Dibromofluoromethane

Concen: 46.281 ug/l

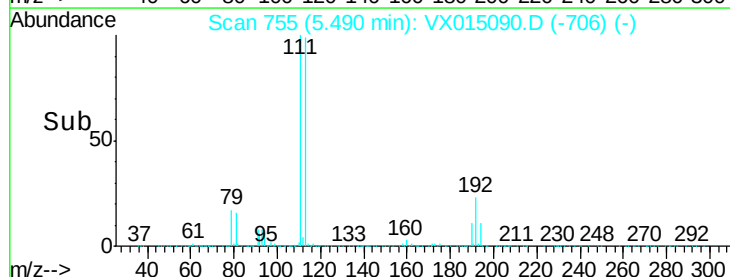
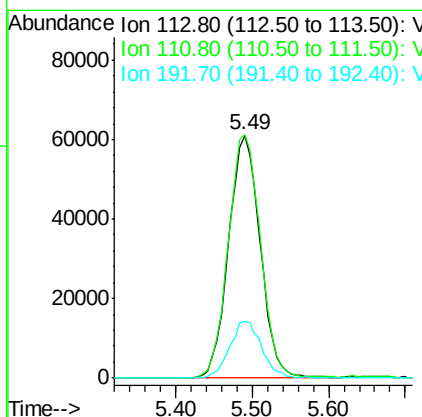
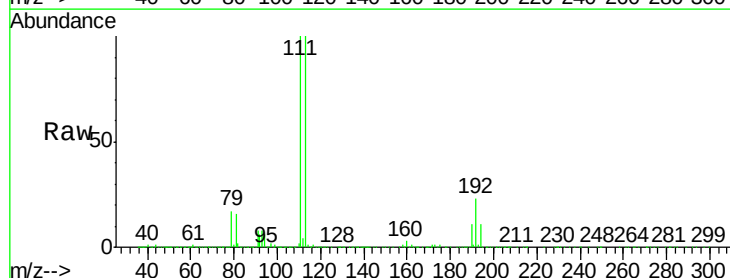
RT: 5.49 min Scan# 755

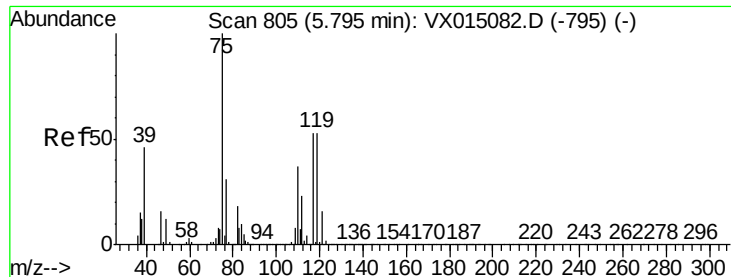
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	173691		
111	102.4	82.6	123.8	
192	23.9	18.6	28.0	





#36

1,1-Dichloropropene

Concen: 0.725 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

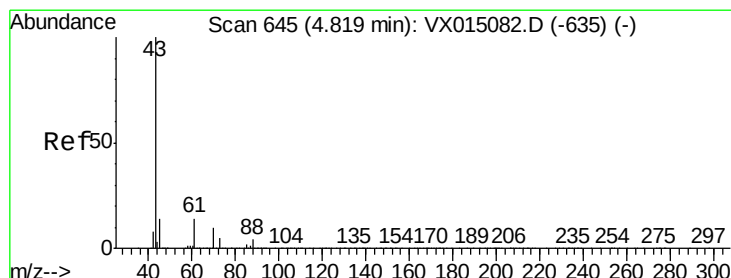
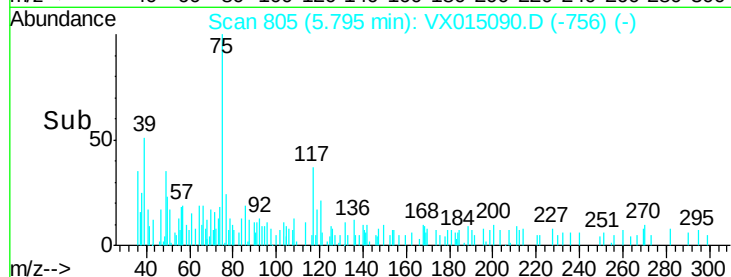
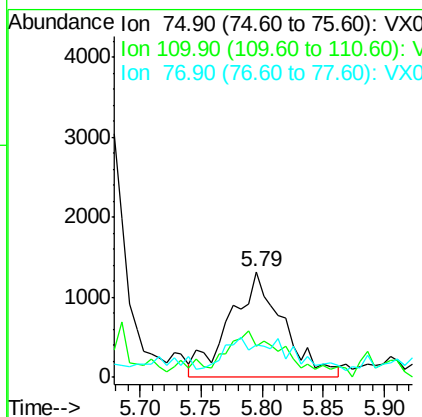
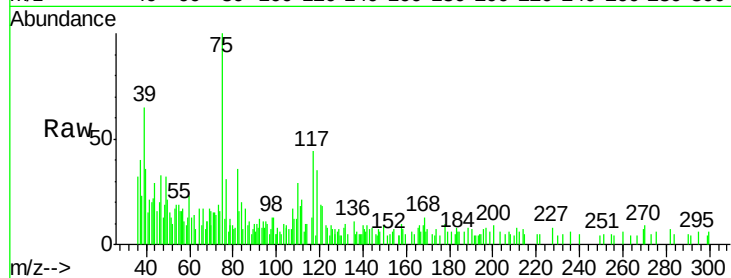
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	75	Resp:	3988
Ion	Ratio	Lower	Upper
75	100		
110	47.6	17.9	53.8
77	17.6	24.8	37.2#

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#37

Ethyl Acetate

Concen: 0.541 ug/l

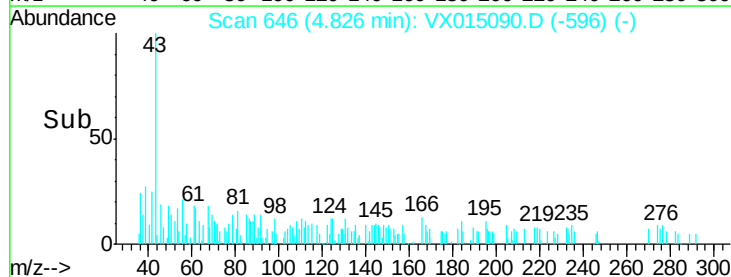
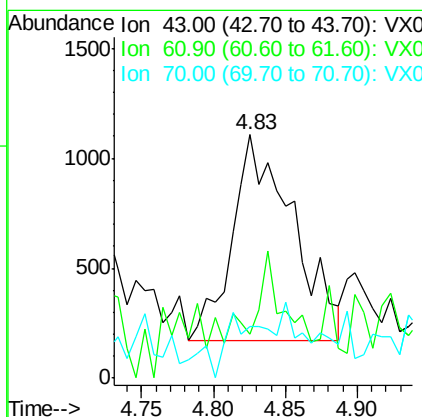
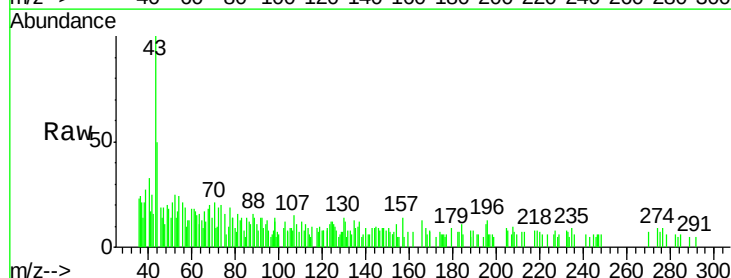
RT: 4.83 min Scan# 646

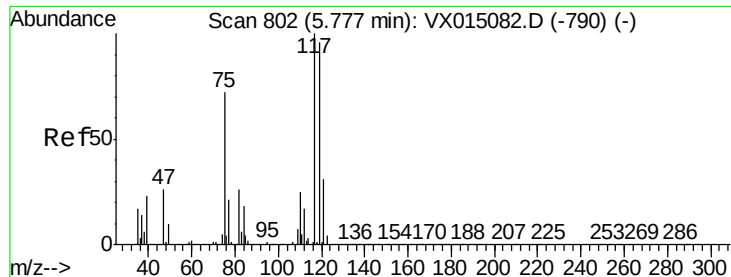
Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	43	Resp:	2760
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	0.0	8.1	12.1#





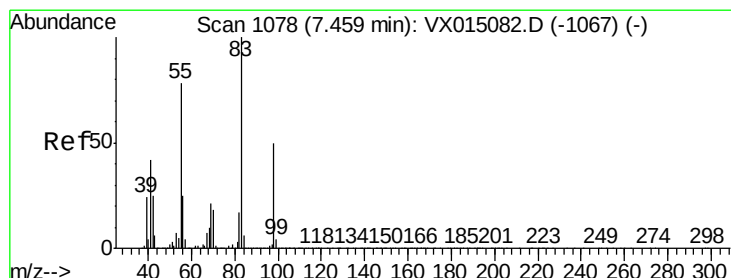
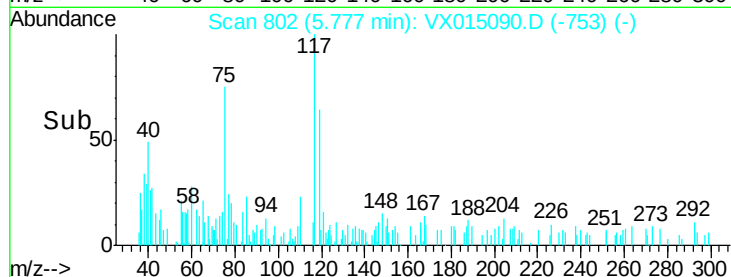
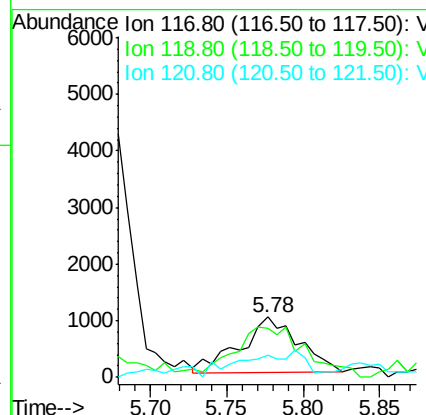
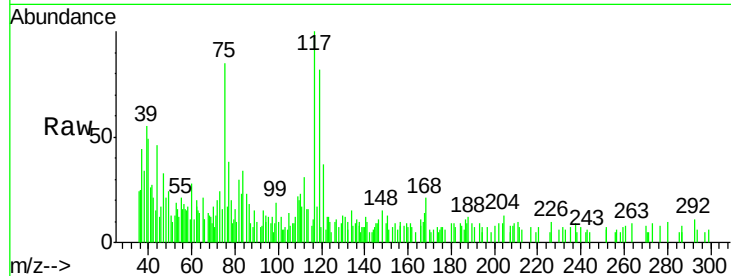
#38
Carbon Tetrachloride
Concen: 0.498 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
117	100		
119	81.3	76.9	115.3
121	29.1	24.6	37.0

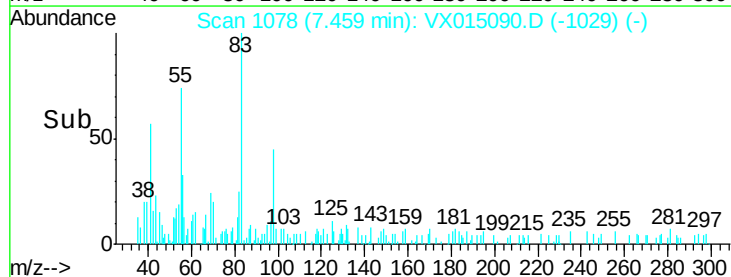
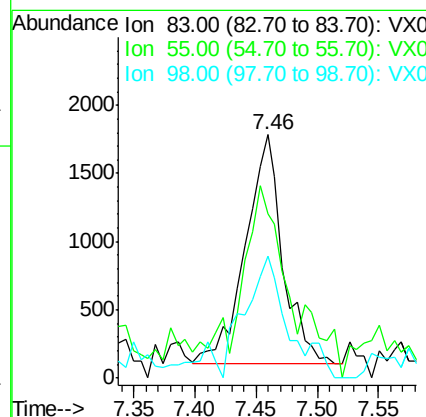
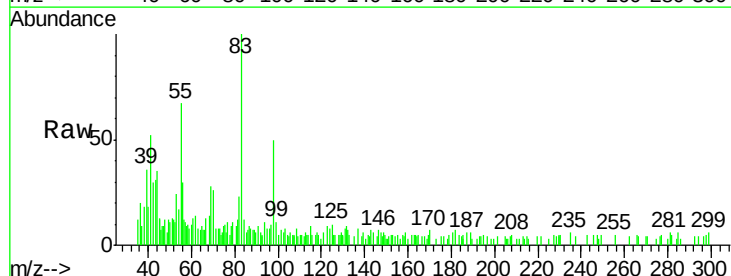
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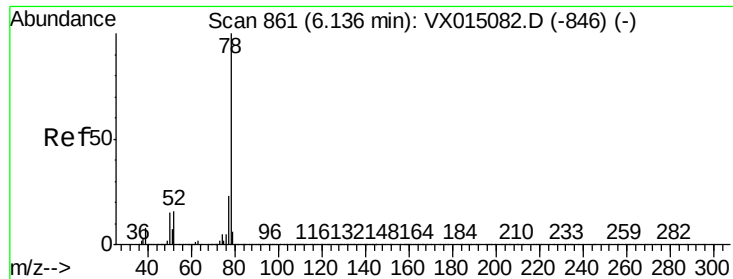
MMDadoda
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#39
Methylcyclohexane
Concen: 0.557 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
55	60.5	62.4	93.6#
98	53.1	39.7	59.5





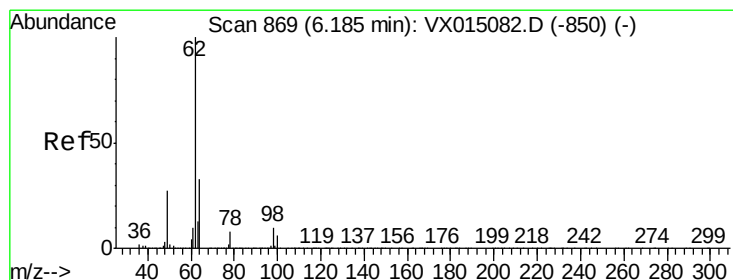
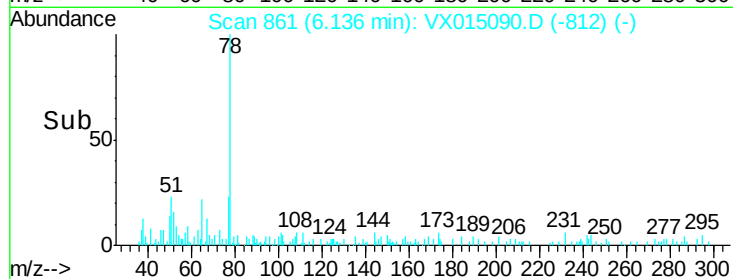
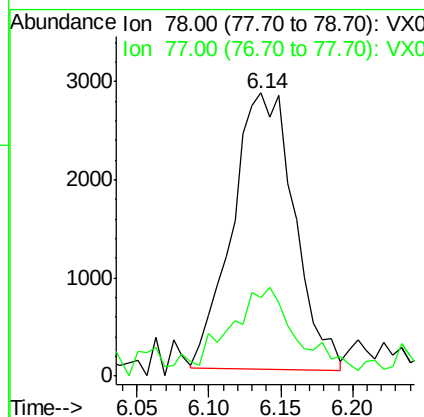
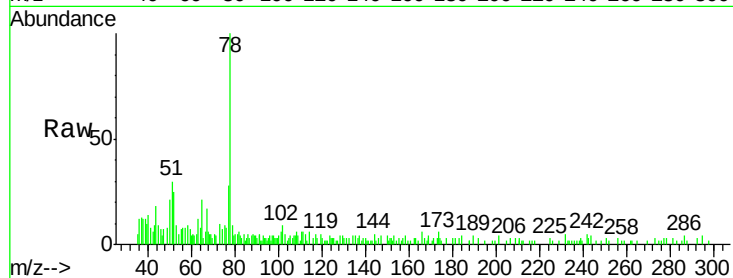
#40
Benzene
Concen: 0.520 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0

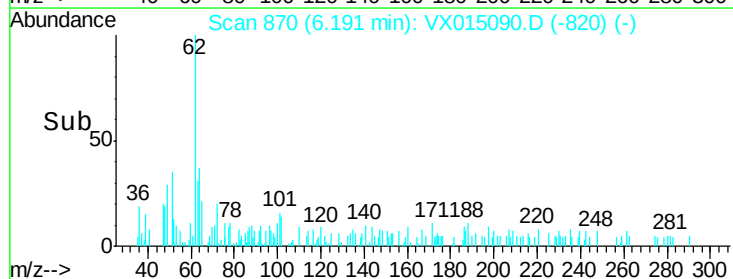
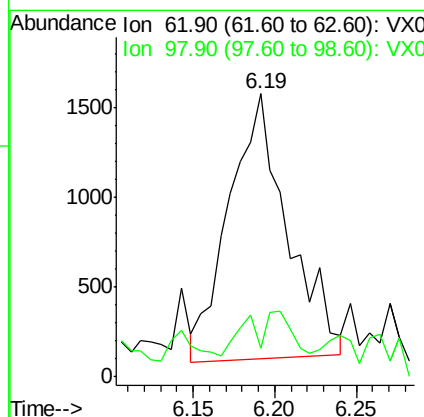
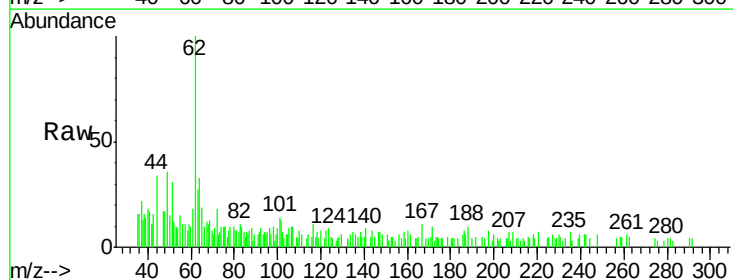
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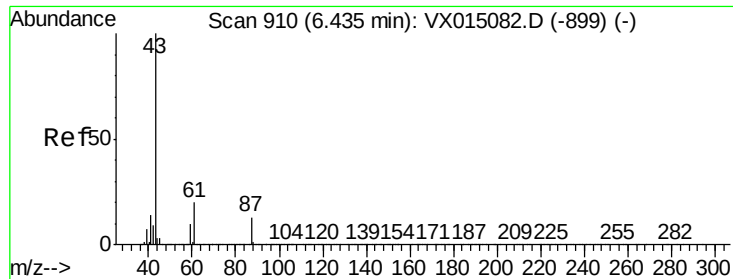
MMDadoda
3/5/2020 3:54:05 PM



#42
1,2-Dichloroethane
Concen: 0.663 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 0.487 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

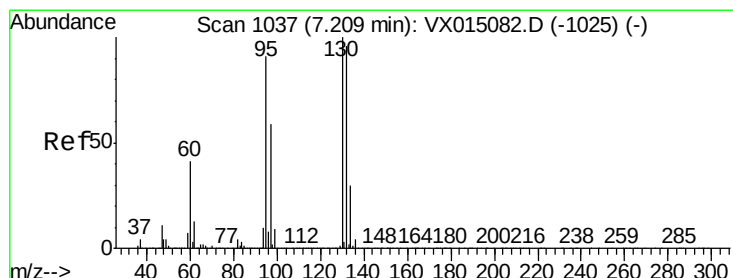
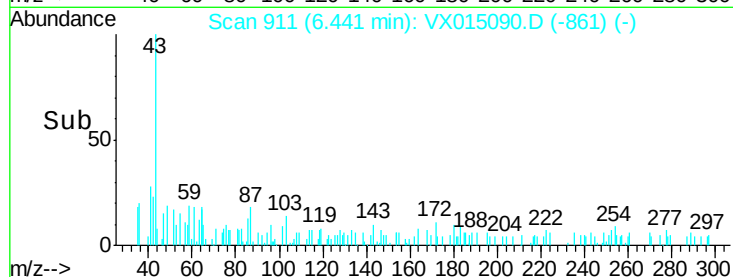
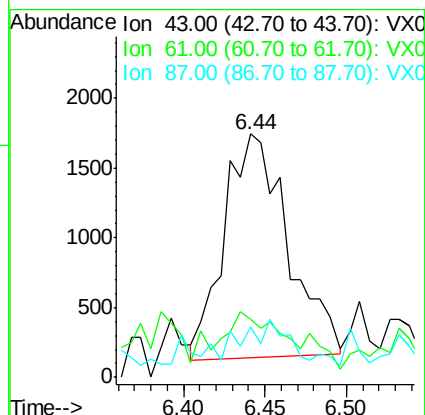
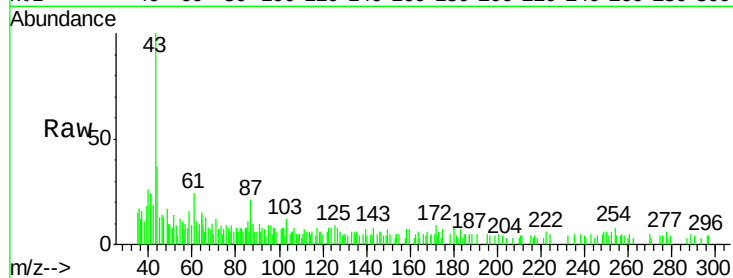
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	43	Resp:	4371
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	17.3	10.6	16.0#

Manual Integrations
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MMDadoda
3/5/2020 3:54:05 PM



#44

Trichloroethene

Concen: 0.745 ug/l

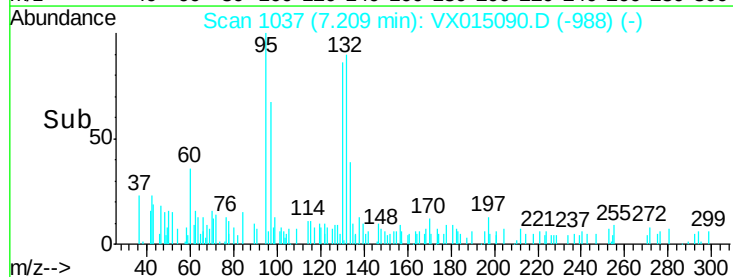
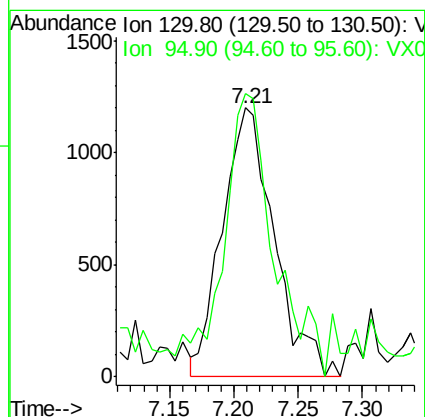
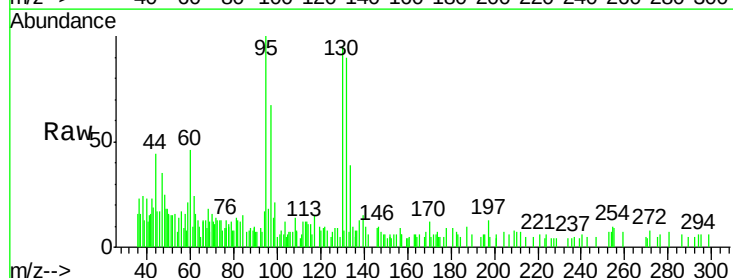
RT: 7.21 min Scan# 1037

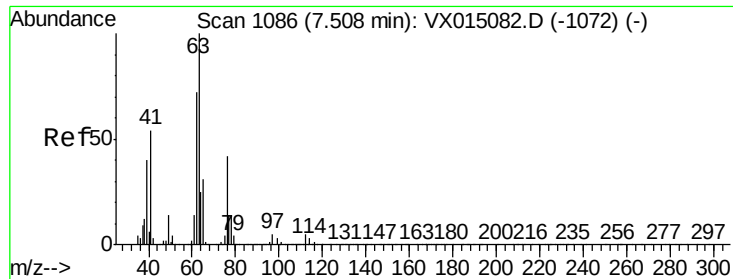
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	130	Resp:	3384
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	181.2





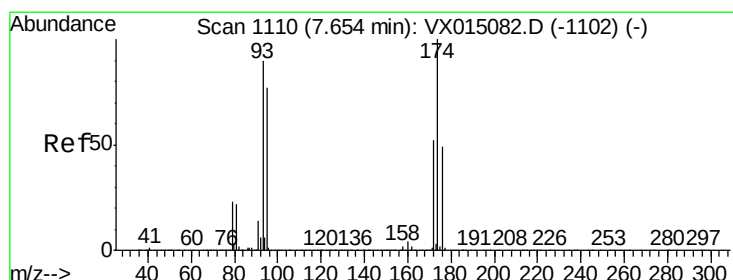
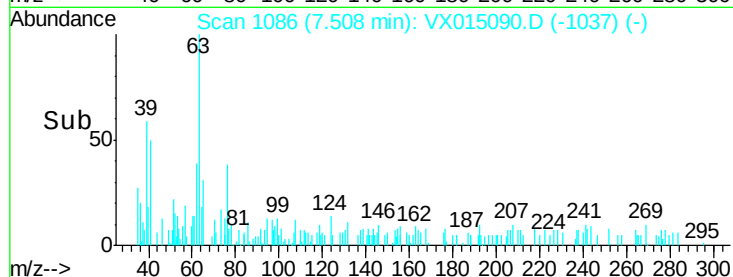
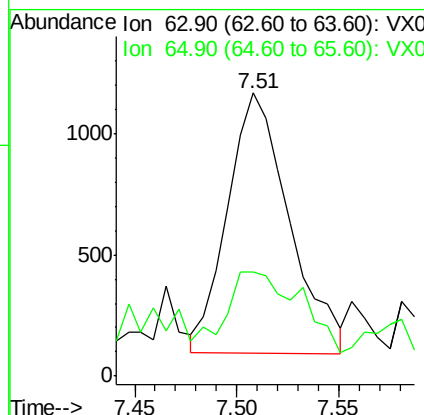
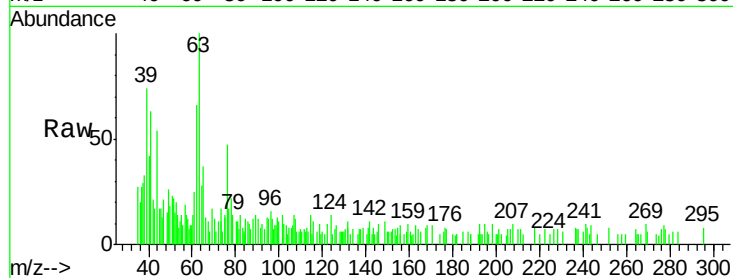
#45
 1,2-Dichloropropane
 Concen: 0.536 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.1	24.6	36.8

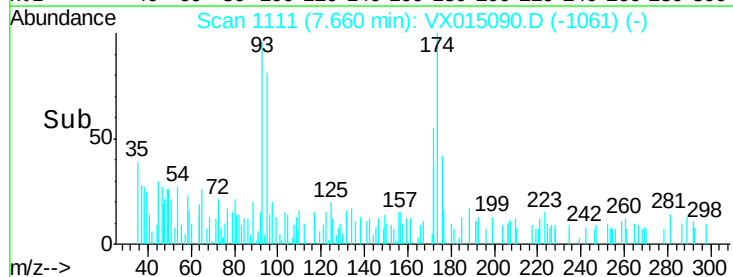
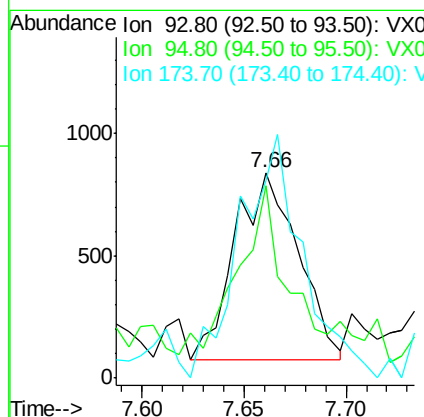
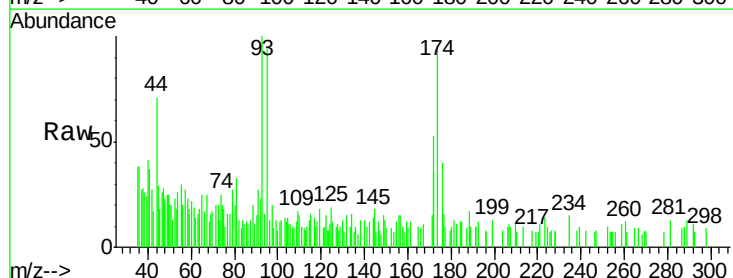
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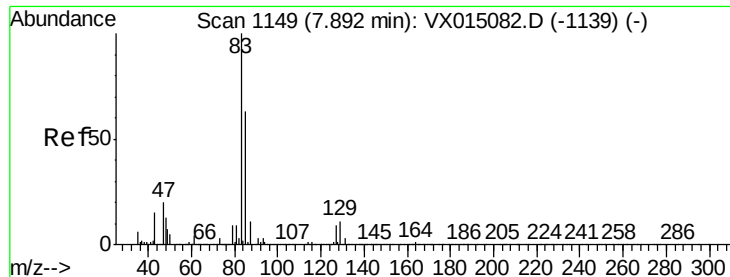
MMDadoda
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#46
 Dibromomethane
 Concen: 0.602 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	97.0	67.8	101.8
174	129.1	91.0	136.4





#47

Bromodichloromethane

Concen: 0.541 ug/l

RT: 7.90 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

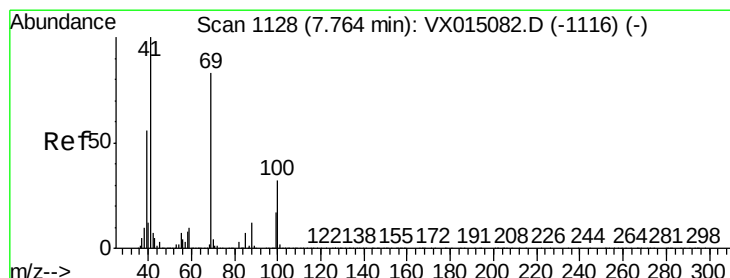
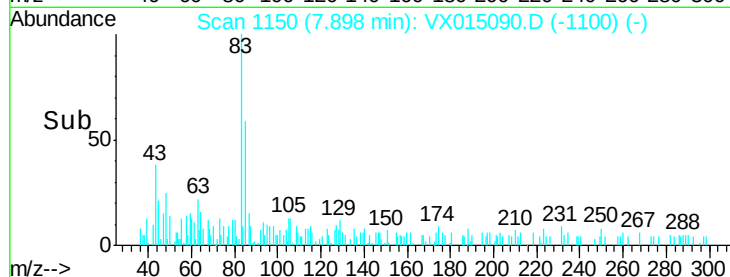
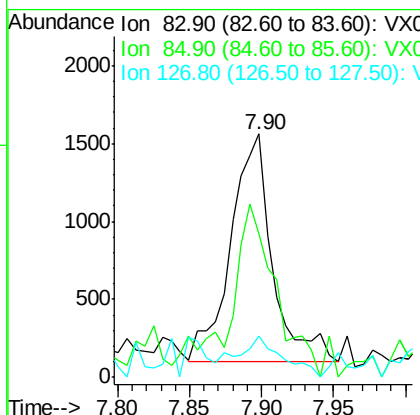
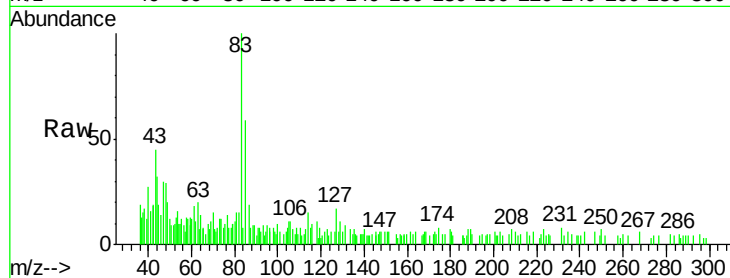
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	83	Resp:	2944
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8
127	7.1	7.1	10.7#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.407 ug/l

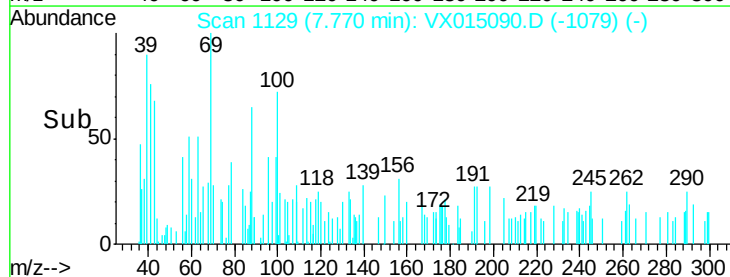
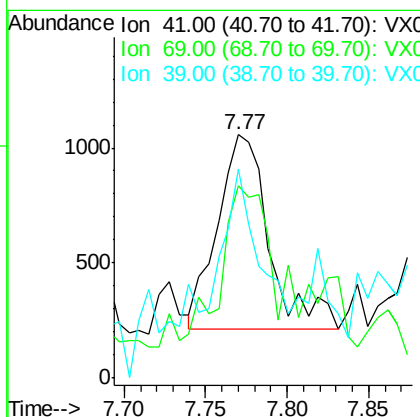
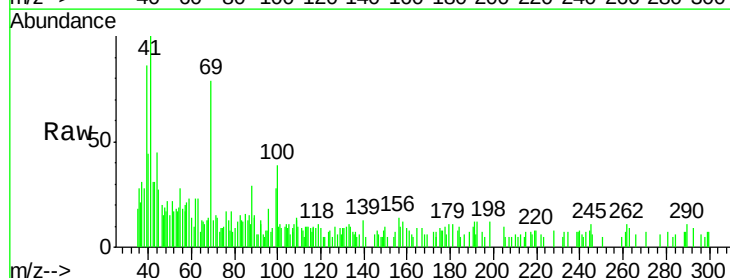
RT: 7.77 min Scan# 1129

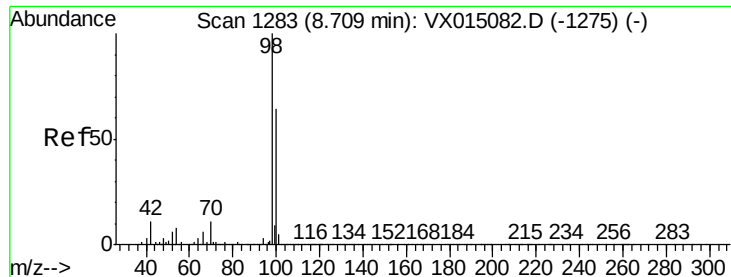
Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	41	Resp:	1859
Ion	Ratio	Lower	Upper
41	100		
69	87.0	65.4	98.2
39	68.7	44.6	67.0#





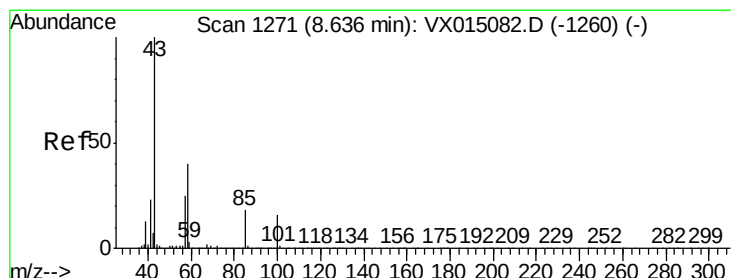
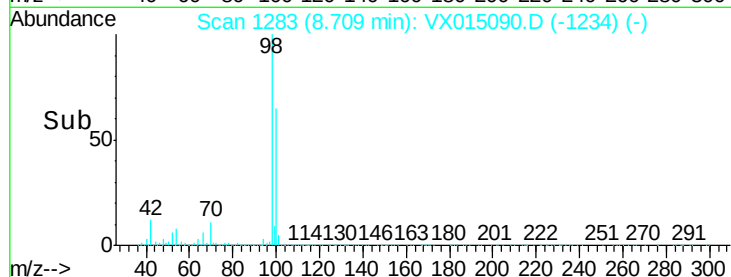
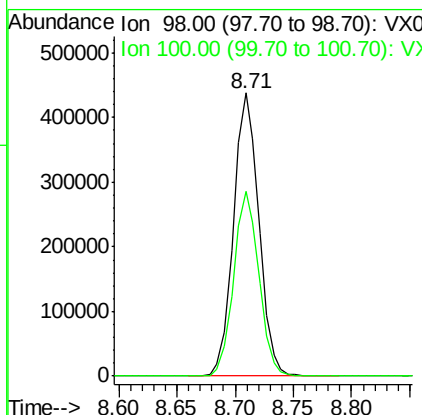
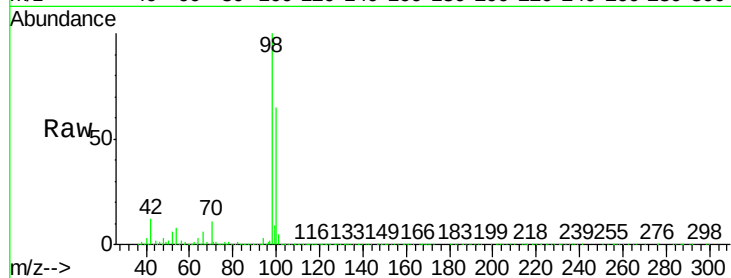
#50
Toluene-d8
Concen: 46.500 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion: 98 Resp: 663812
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

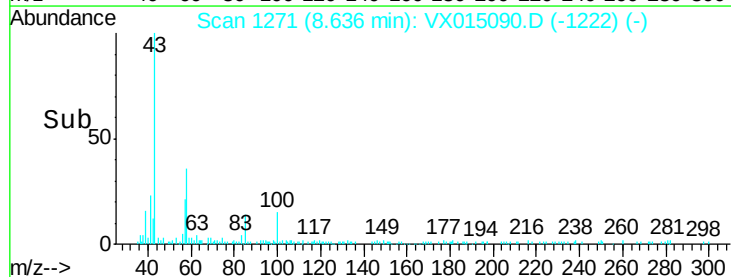
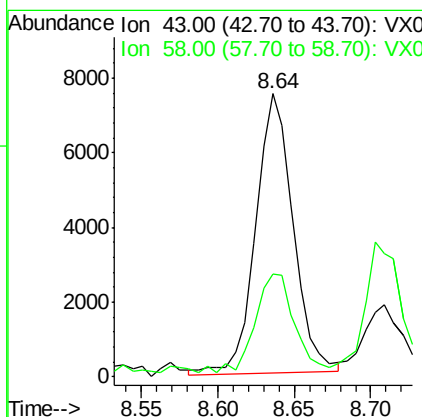
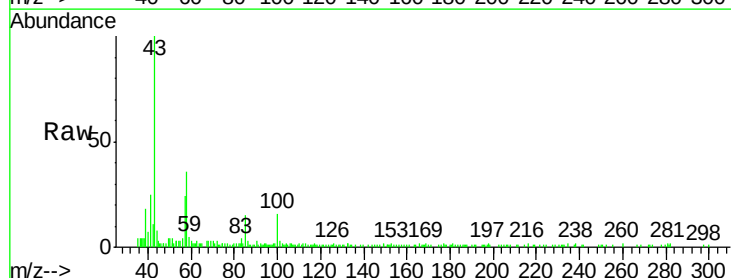
Manual Integrations
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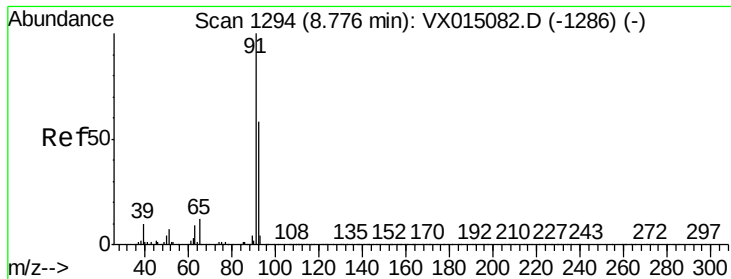
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 2.406 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 43 Resp: 12764
Ion Ratio Lower Upper
43 100
58 36.6 31.6 47.4





#52

Toluene

Concen: 0.540 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 92 Resp: 5385

Ion Ratio Lower Upper

92 100

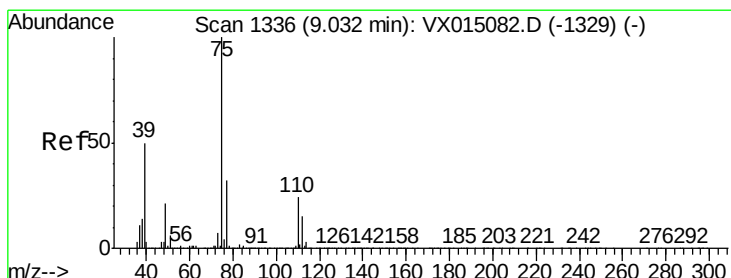
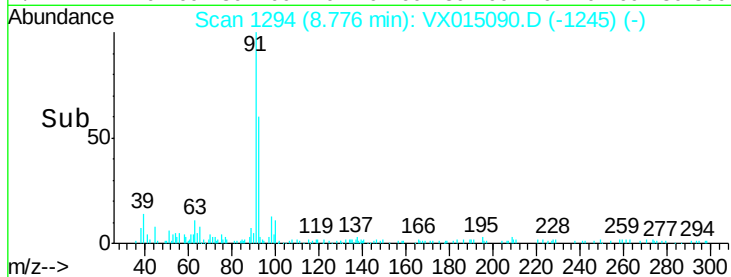
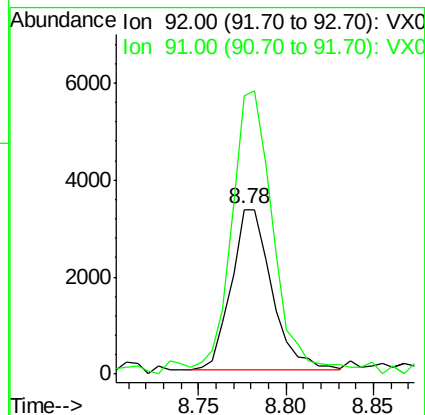
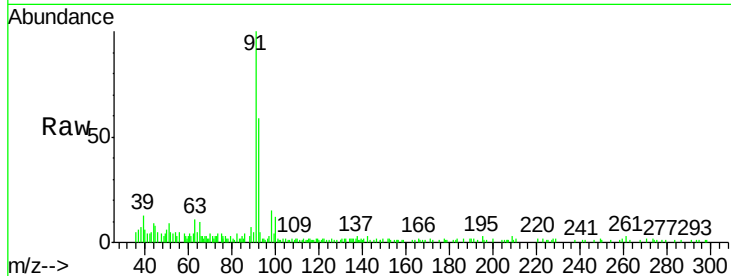
91 186.9 136.9 205.3

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.463 ug/l

RT: 9.04 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VX015090.D

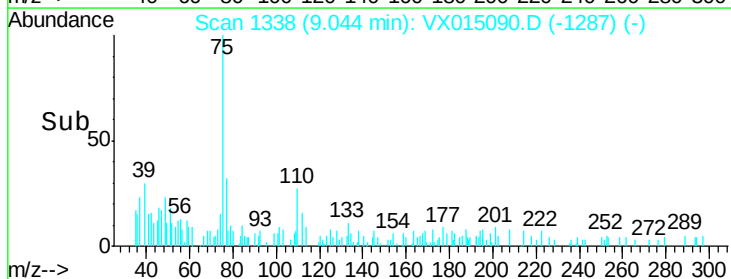
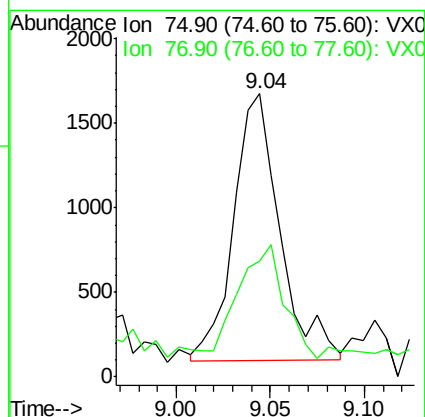
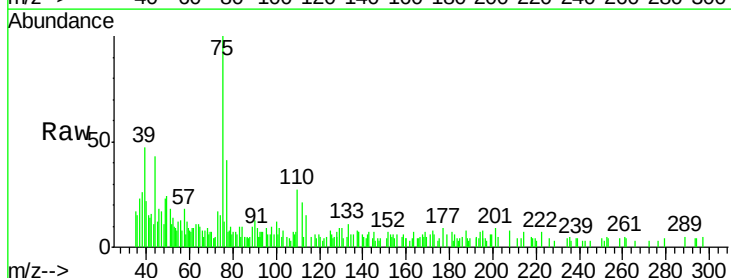
Acq: 04 Mar 2020 16:19

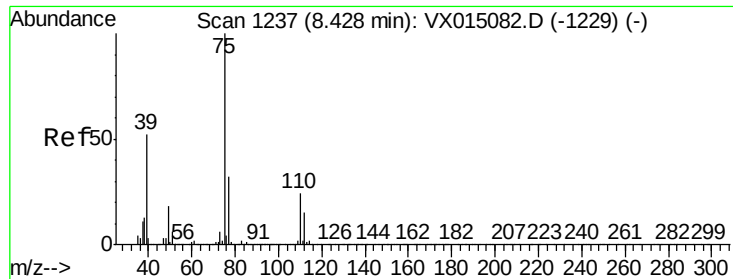
Tgt Ion: 75 Resp: 2681

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0





#54

cis-1,3-Dichloropropene

Concen: 0.489 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

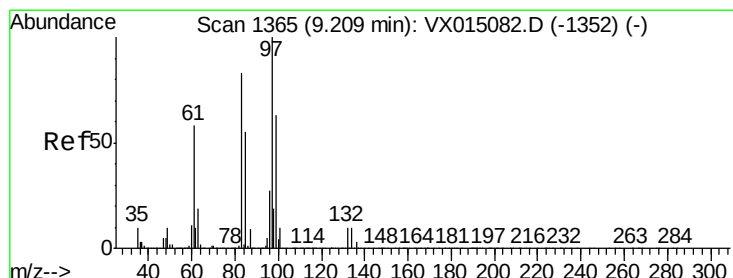
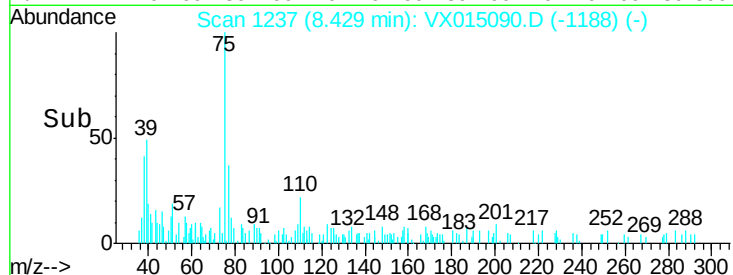
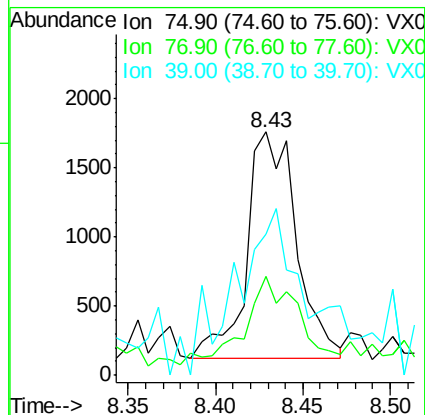
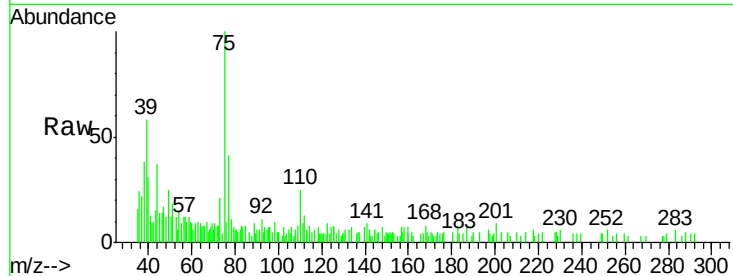
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.8	38.6
39	62.5	41.3	61.9#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.552 ug/l

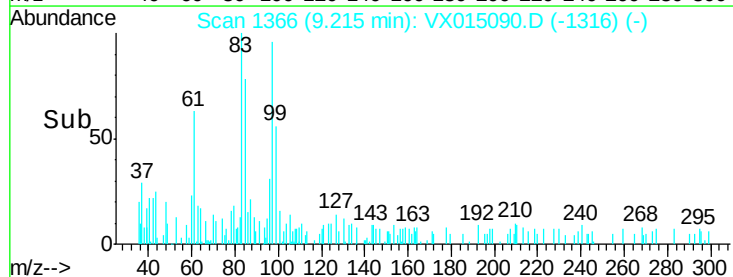
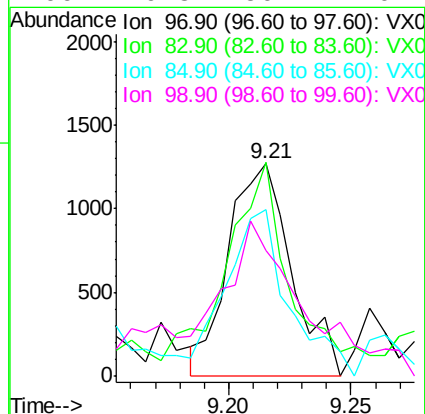
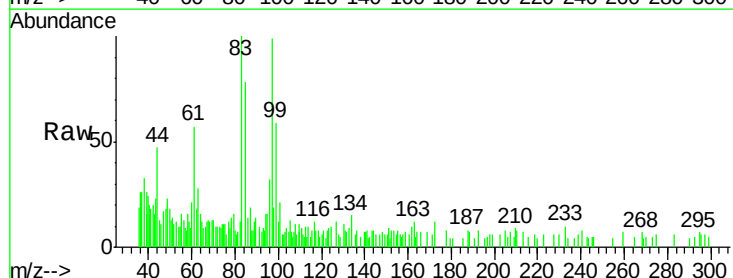
RT: 9.21 min Scan# 1366

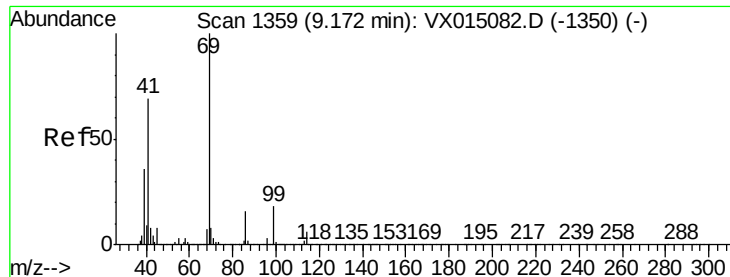
Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	66.4	99.6
85	69.6	43.5	65.3#
99	40.8	50.7	76.1#





#56

Ethyl methacrylate

Concen: 0.465 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

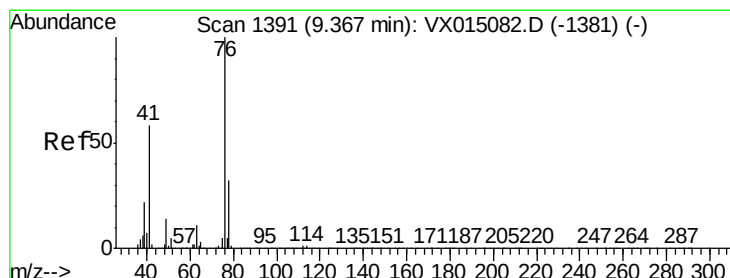
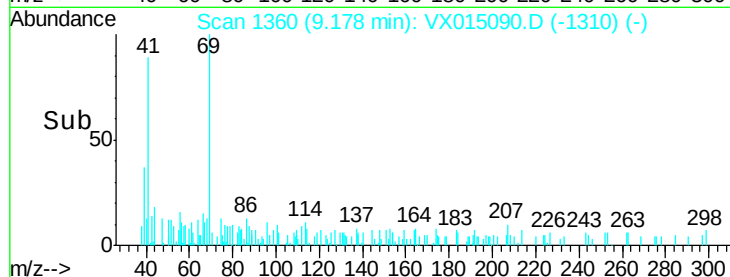
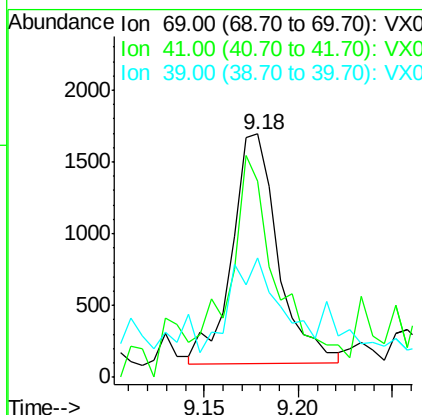
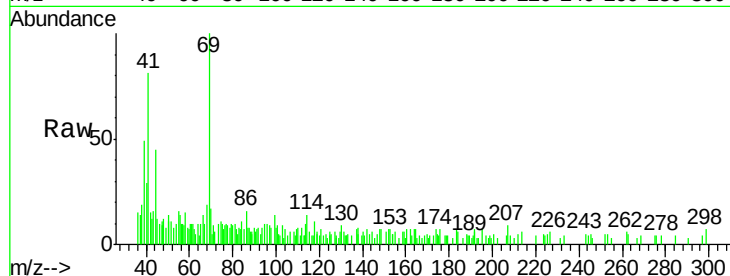
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	69	Resp:	2726
Ion	Ratio	Lower	Upper
69	100		
41	81.6	55.8	83.8
39	44.6	29.4	44.2#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.618 ug/l

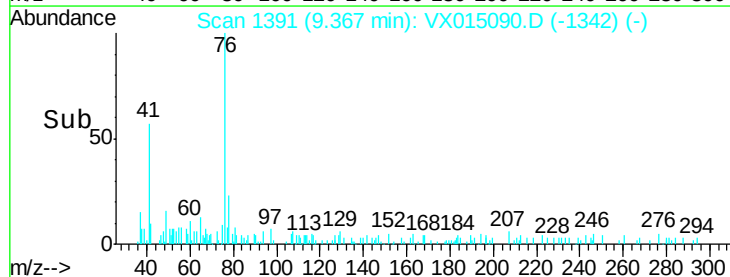
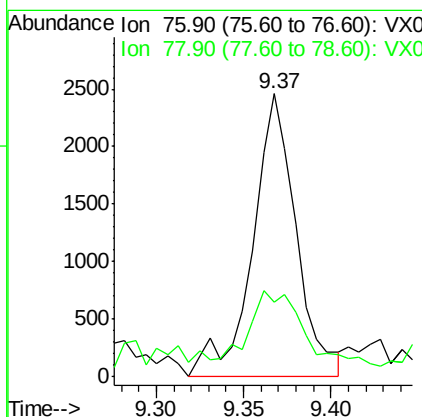
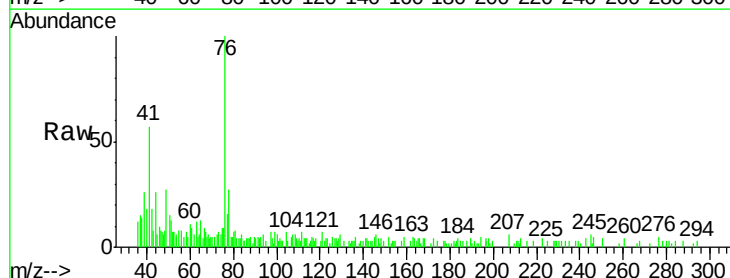
RT: 9.37 min Scan# 1391

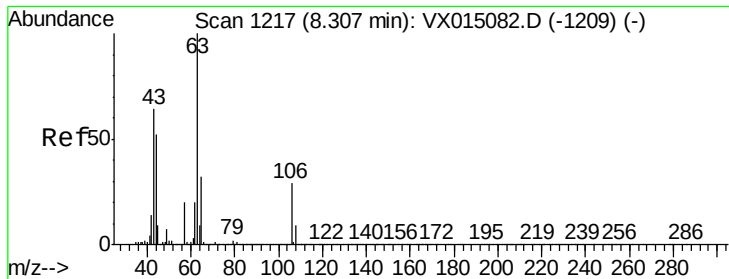
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	76	Resp:	4269
Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4





#58

2-Chloroethyl Vinyl ether

Concen: 2.279 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 63 Resp: 7272

Ion Ratio Lower Upper

63 100

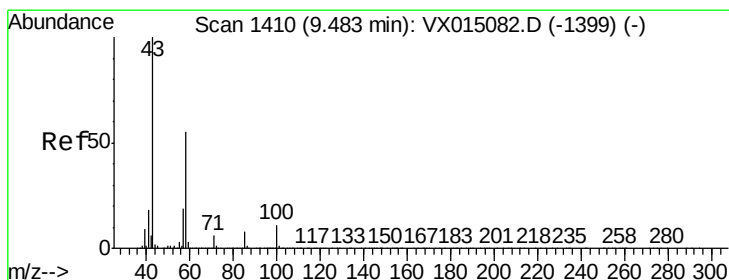
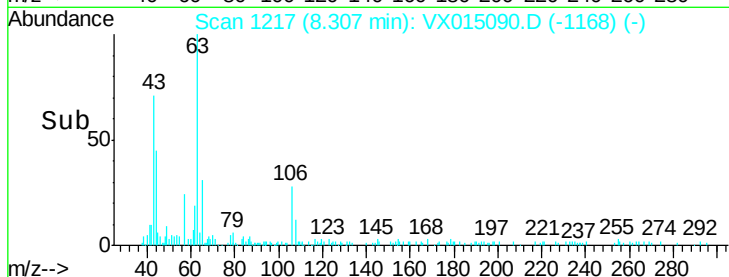
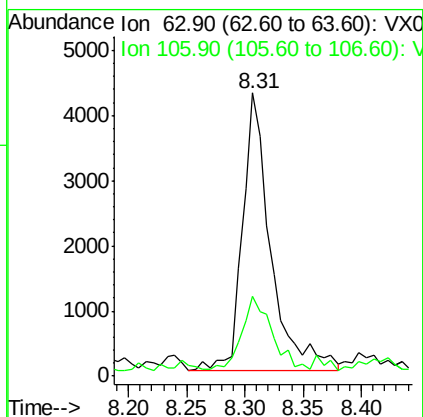
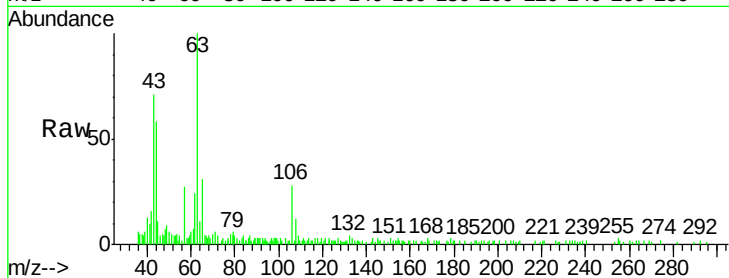
106 30.8 22.8 34.2

Manual Integrations

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#59

2-Hexanone

Concen: 2.092 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX015090.D

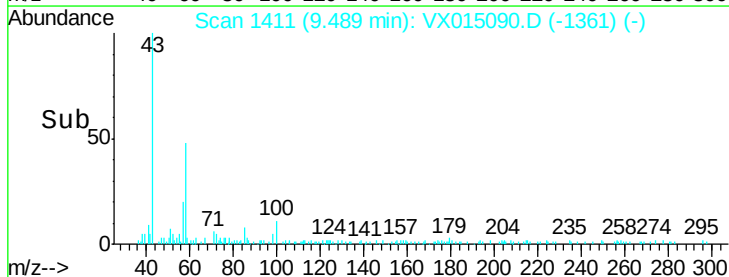
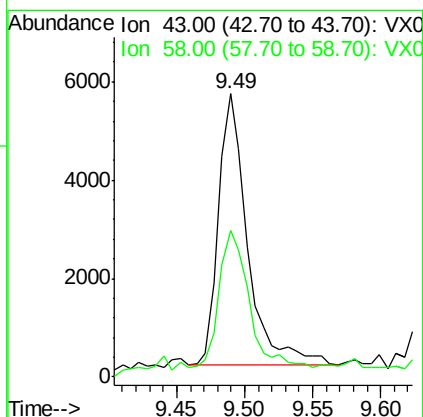
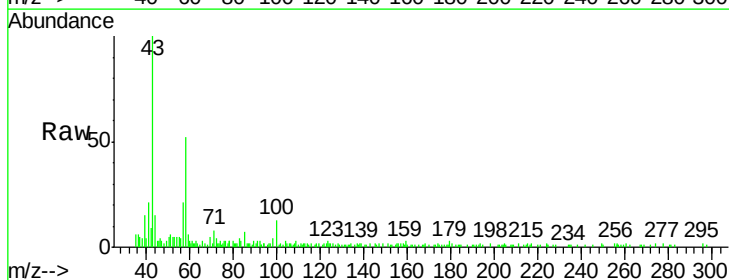
Acq: 04 Mar 2020 16:19

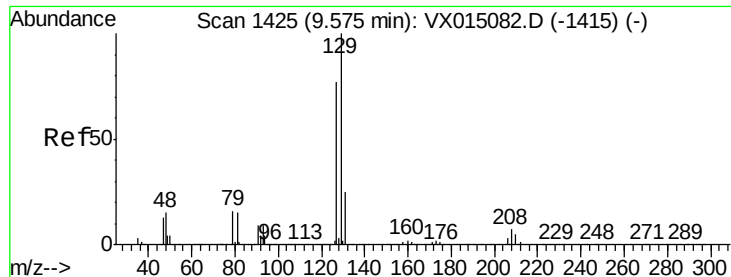
Tgt Ion: 43 Resp: 8228

Ion Ratio Lower Upper

43 100

58 63.5 27.3 81.8





#60

Dibromochloromethane

Concen: 0.591 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:129 Resp: 2549

Ion Ratio Lower Upper

129 100

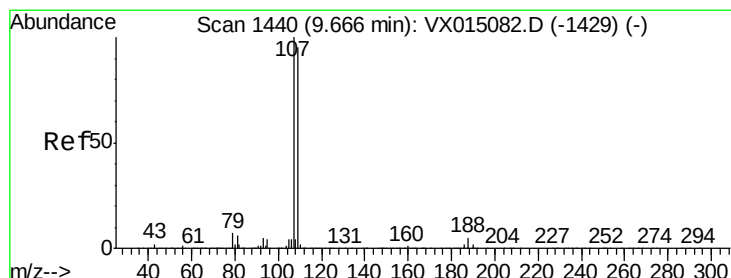
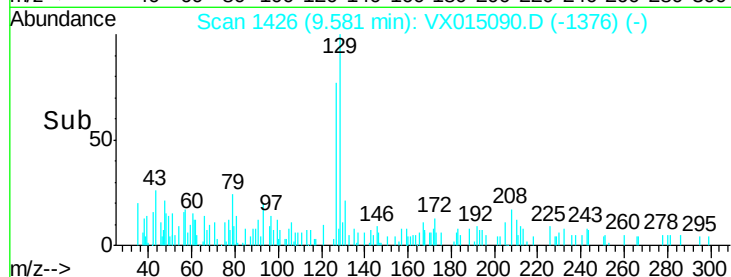
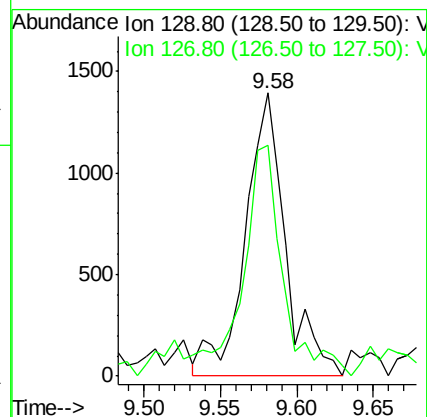
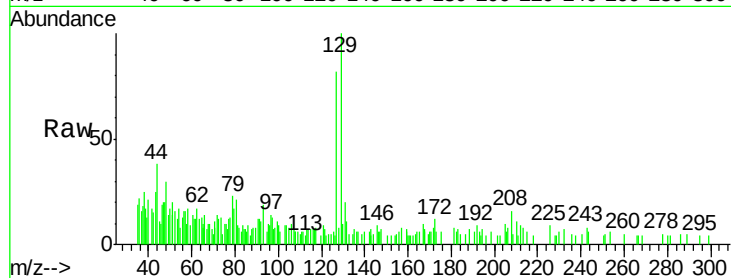
127 80.2 38.8 116.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 0.592 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015090.D

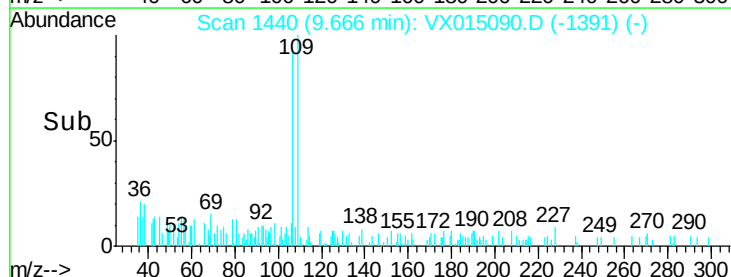
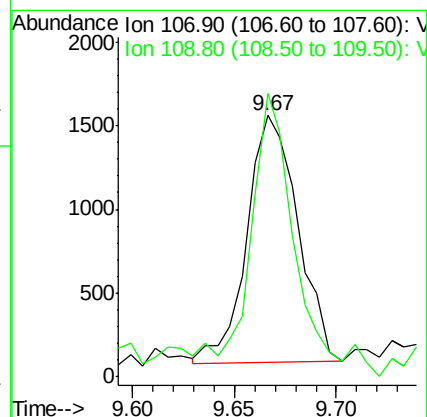
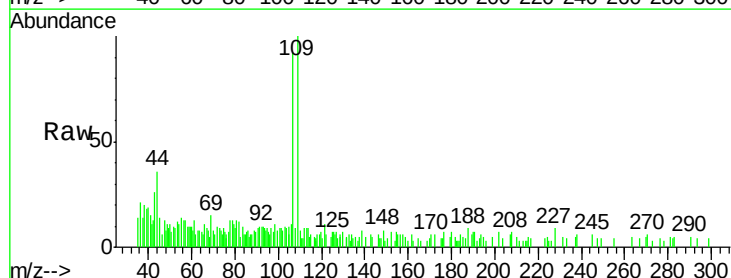
Acq: 04 Mar 2020 16:19

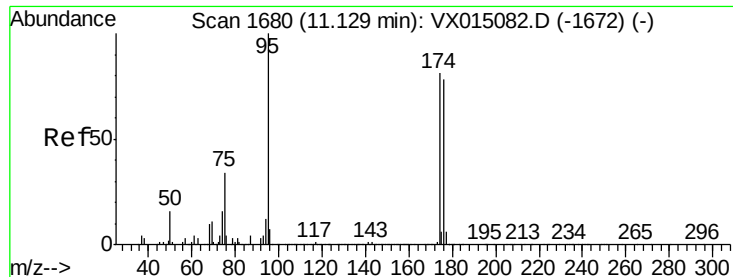
Tgt Ion:107 Resp: 2555

Ion Ratio Lower Upper

107 100

109 98.7 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

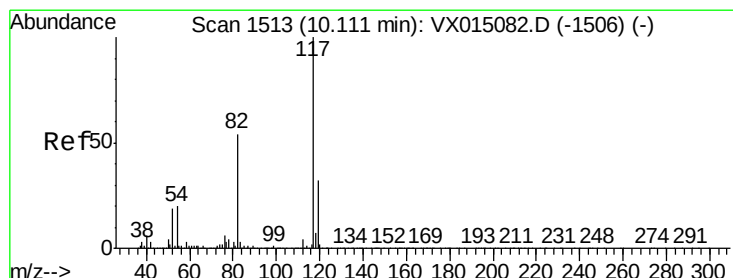
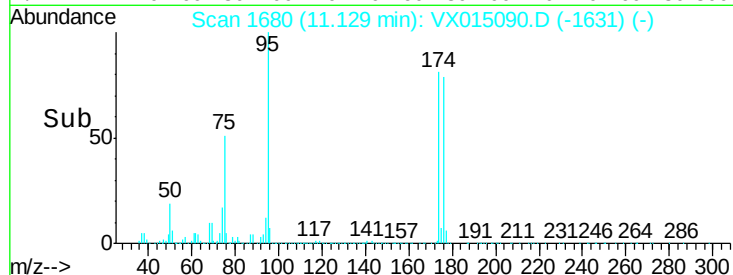
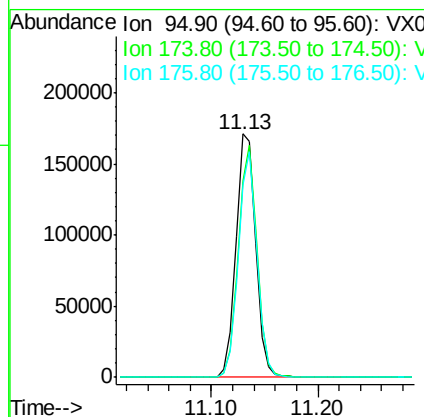
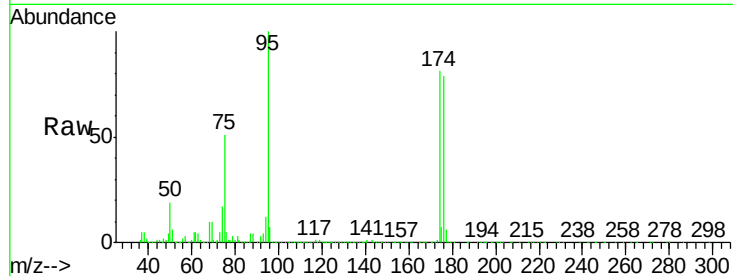
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	95	Resp:	223655
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	177.6
176	87.7	0.0	170.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

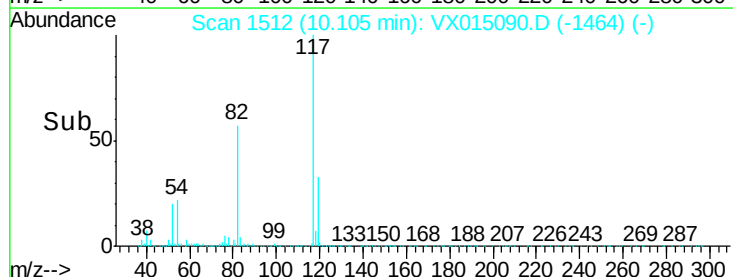
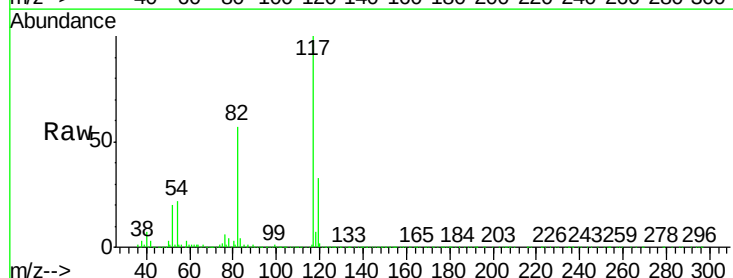
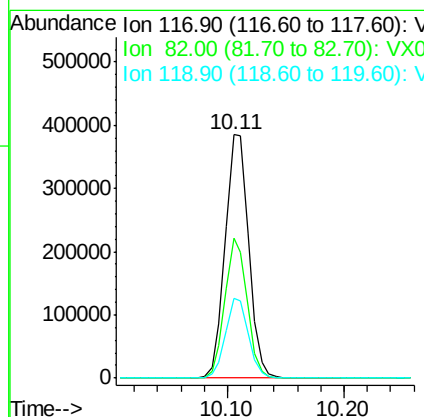
RT: 10.11 min Scan# 1512

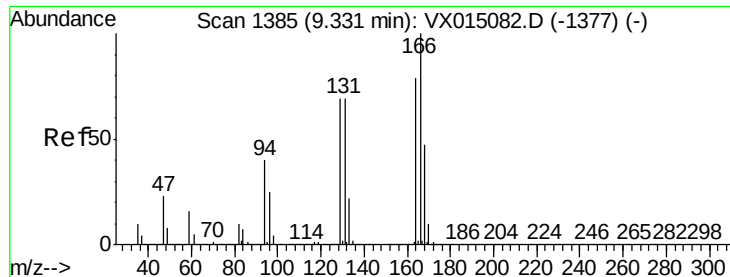
Delta R.T. -0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	117	Resp:	537600
Ion Ratio	Lower	Upper	
117	100		
82	57.3	43.3	64.9
119	32.6	25.8	38.8





#64

Tetrachloroethene

Concen: 0.646 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

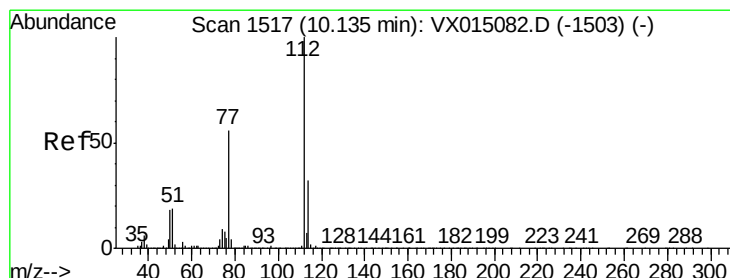
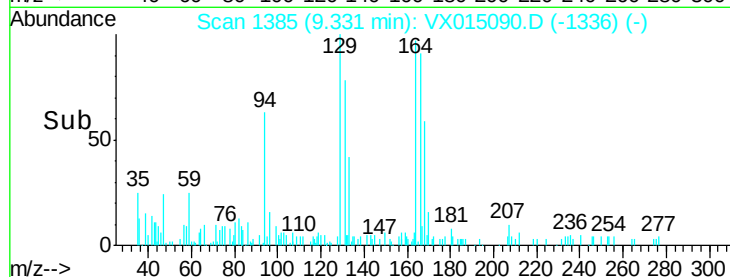
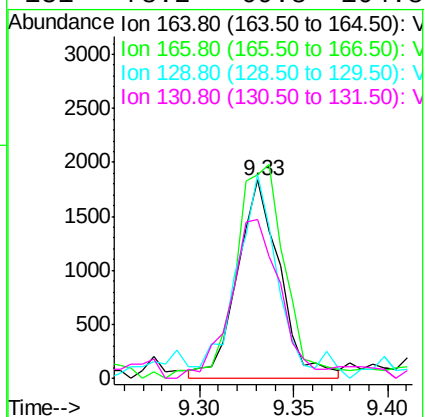
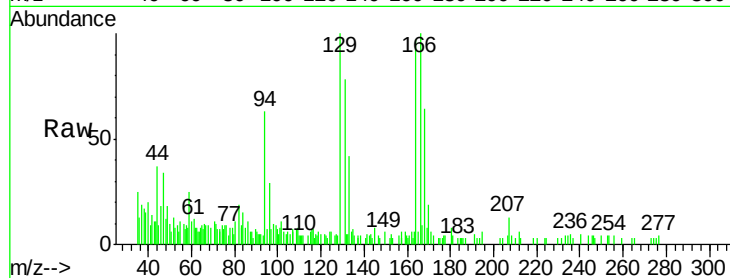
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	164	Resp:	2870
Ion	Ratio	Lower	Upper
164	100		
166	102.8	101.1	151.7
129	101.8	69.4	104.0
131	78.2	69.8	104.8

Manual Integrations
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#65

Chlorobenzene

Concen: 0.566 ug/l

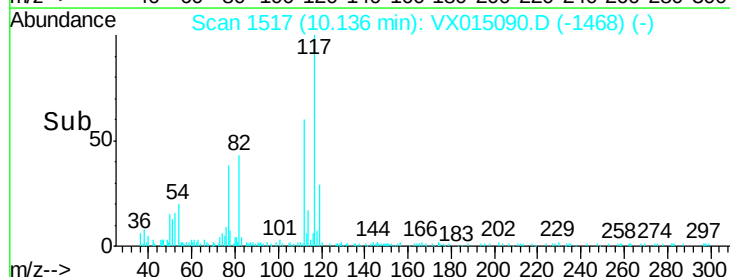
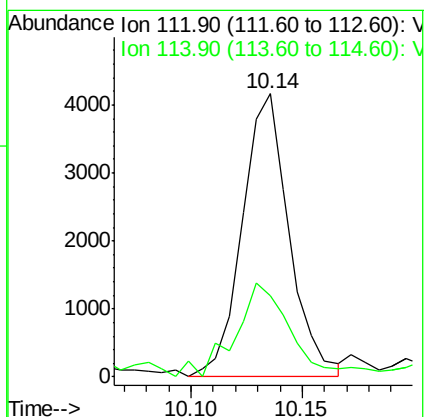
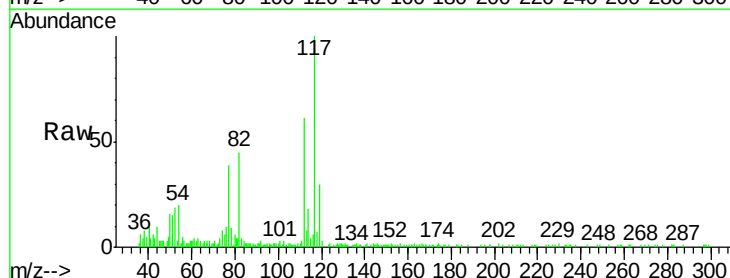
RT: 10.14 min Scan# 1517

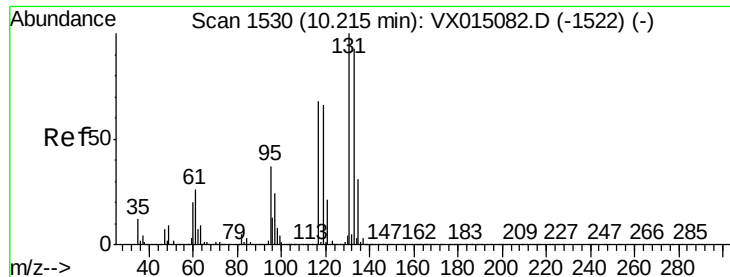
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	112	Resp:	6109
Ion	Ratio	Lower	Upper
112	100		
114	27.0	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 0.520 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

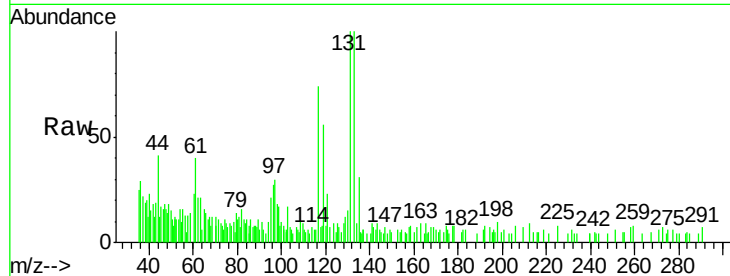
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
131	100		
133	98.5	47.5	142.5
119	0.0	33.4	100.1#

Manual Integrations
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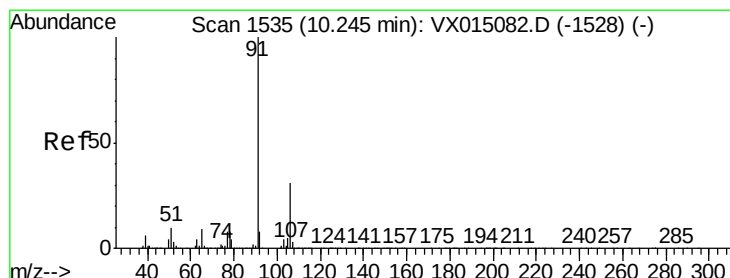
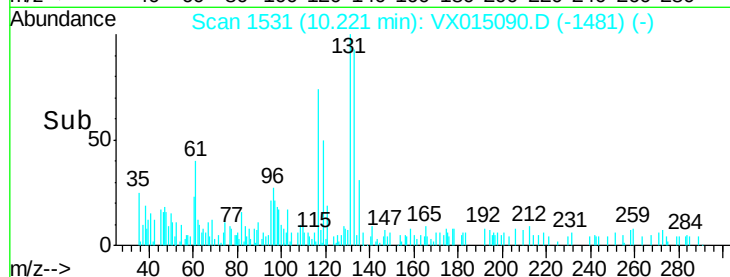
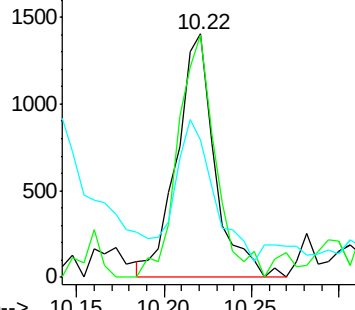
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.511 ug/l

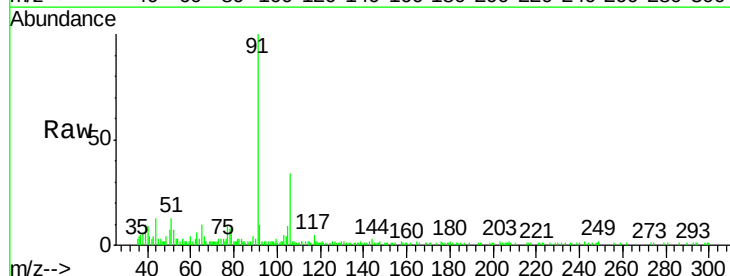
RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015090.D

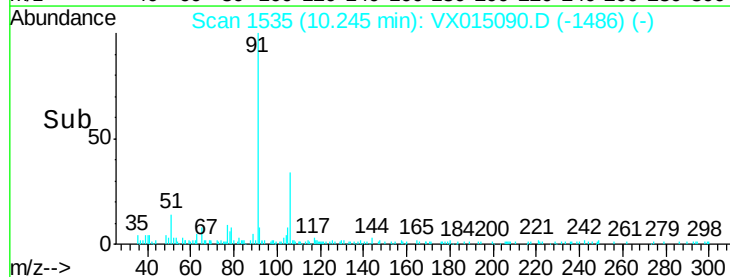
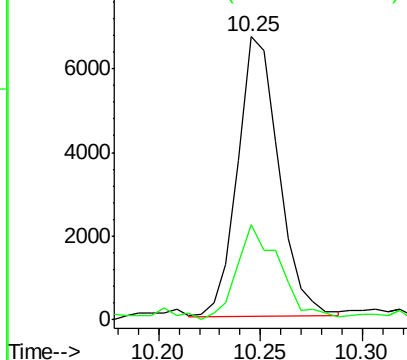
Acq: 04 Mar 2020 16:19

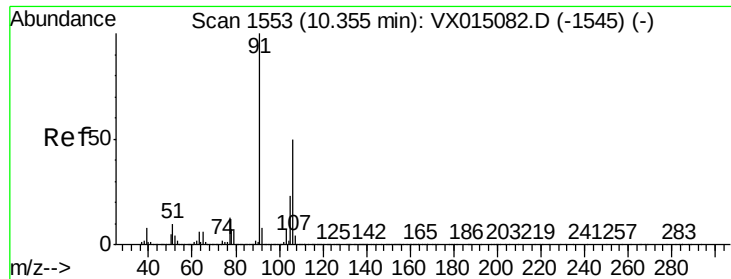
Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	24.9	37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





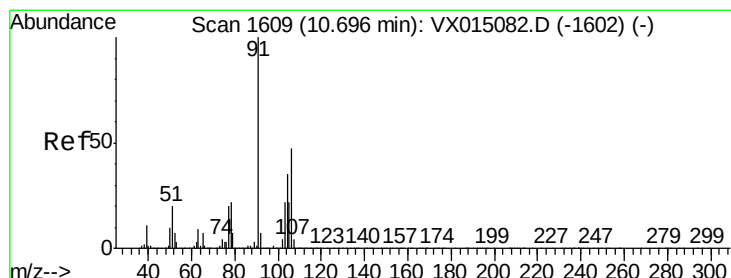
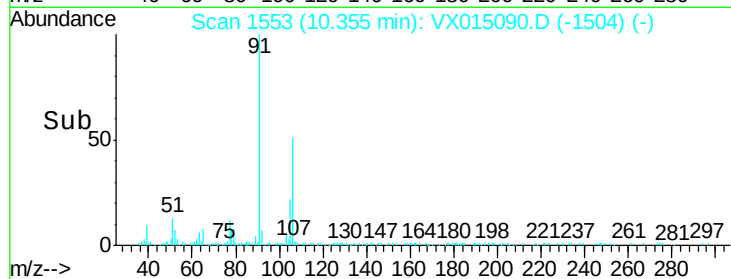
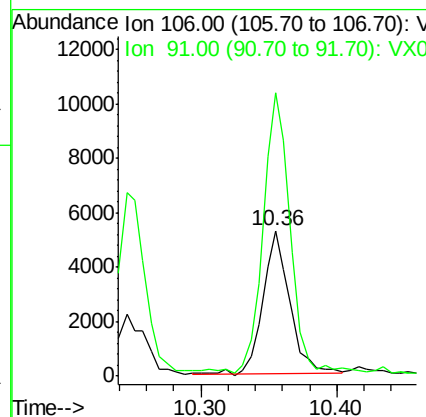
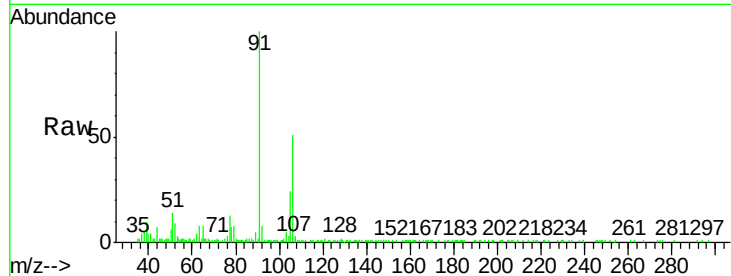
#68
m/p-Xylenes
Concen: 1.061 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
106	100		
91	193.5	159.4	239.2

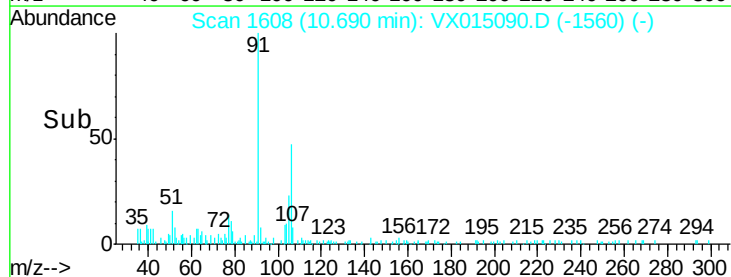
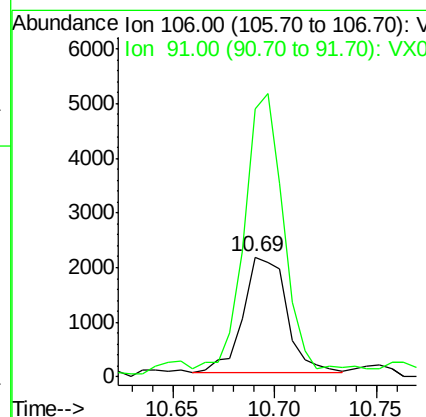
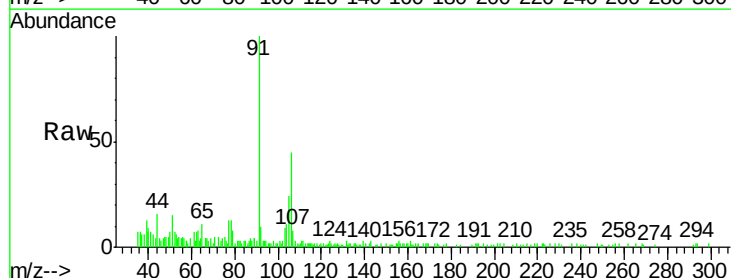
Manual Integrations
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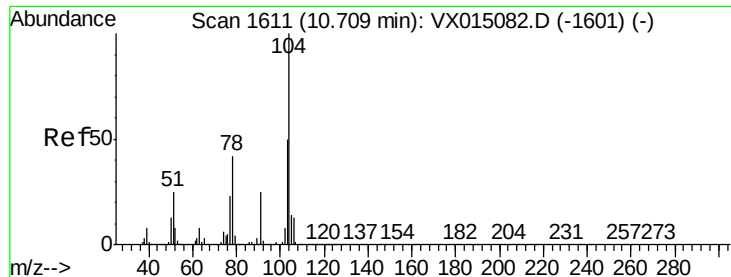
MMDadoda
3/5/2020 3:54:05 PM



#69
o-Xylene
Concen: 0.467 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
106	100		
91	222.0	105.4	316.1





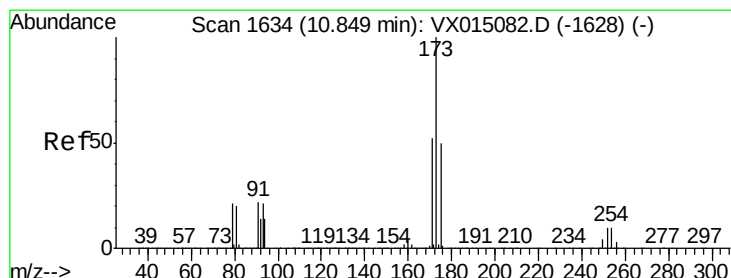
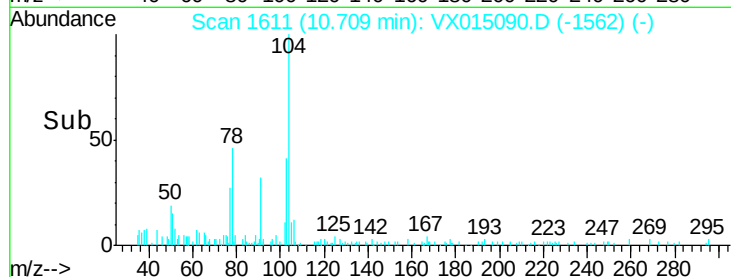
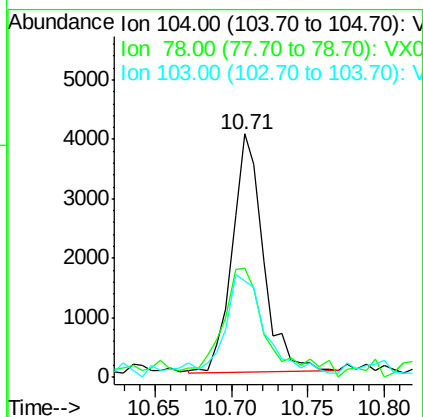
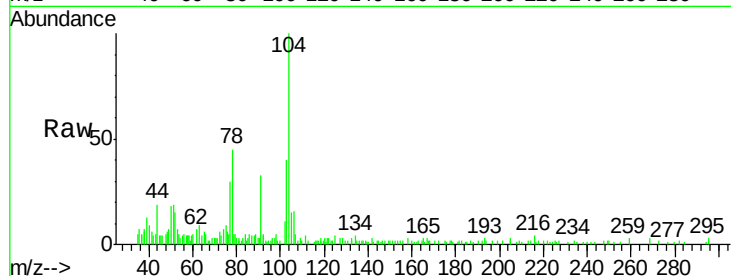
#70
Stvrene
Concen: 0.490 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.2	39.0	58.4
103	64.6	43.7	65.5

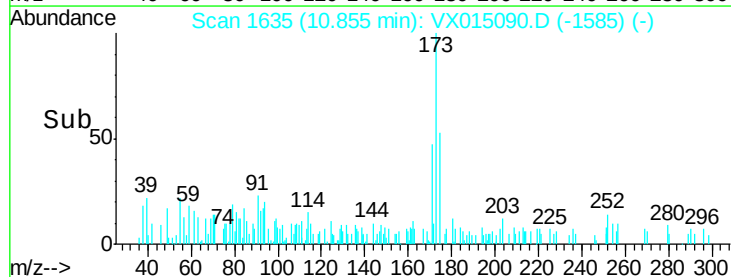
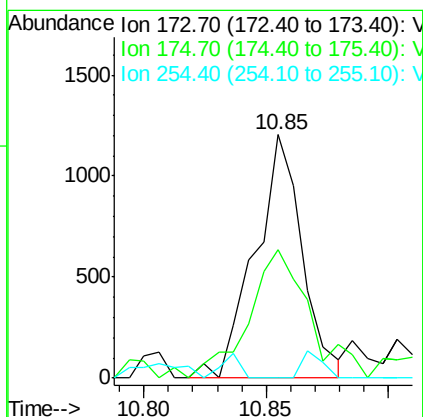
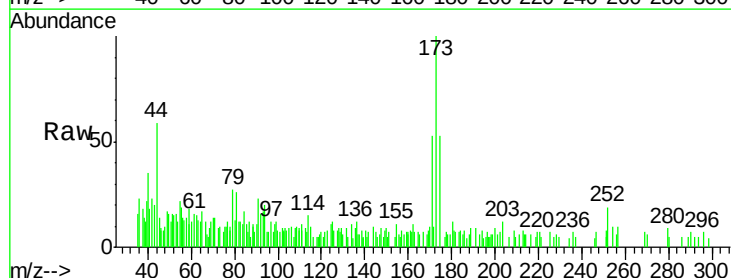
Manual Integrations
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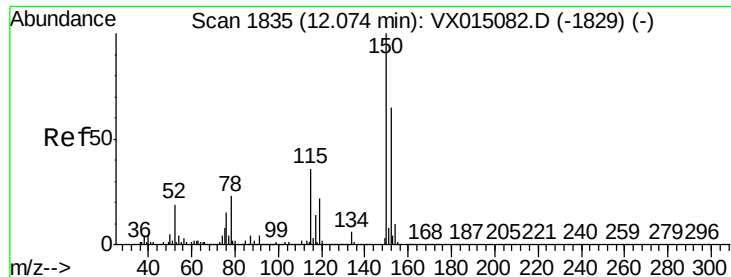
MMDadoda
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#71
Bromoform
Concen: 0.513 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	67.9	24.9	74.7
254	4.9	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

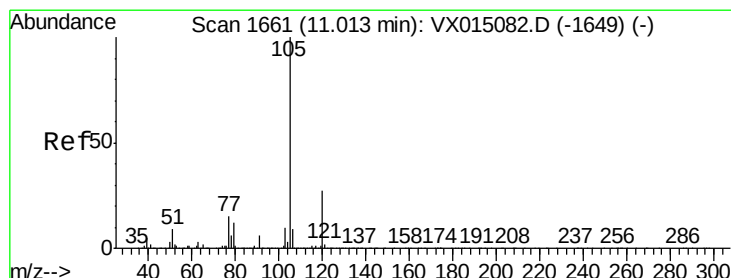
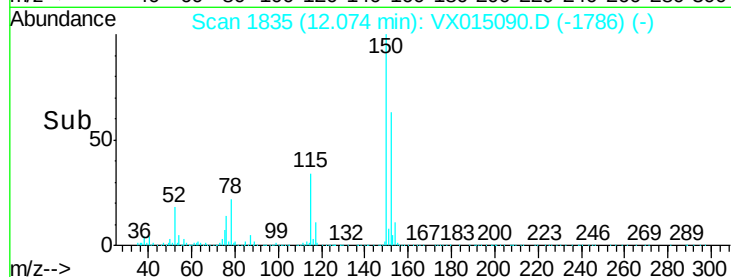
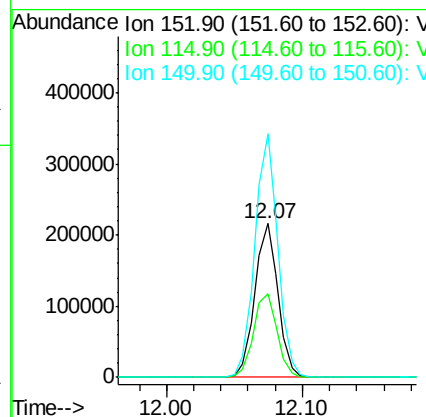
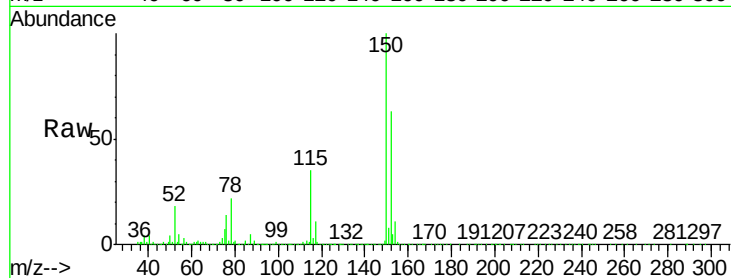
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	152	Resp:	259003
Ion Ratio	Lower	Upper	
152	100		
115	55.6	38.2	114.6
150	156.4	0.0	343.8

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#73

Isopropylbenzene

Concen: 0.502 ug/l

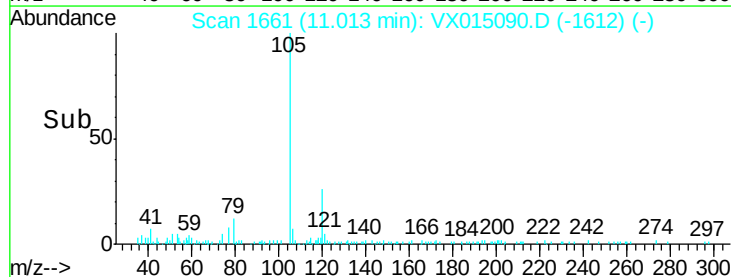
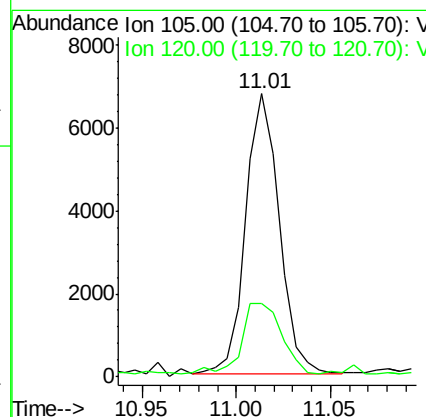
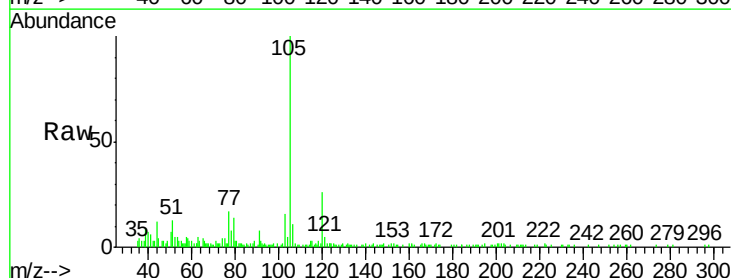
RT: 11.01 min Scan# 1661

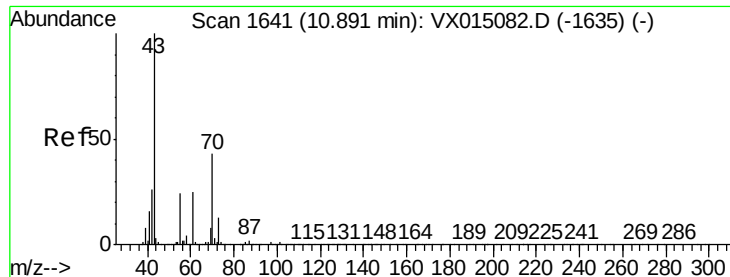
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	105	Resp:	8311
Ion Ratio	Lower	Upper	
105	100		
120	31.6	13.5	40.5





#74

N-amvl acetate

Concen: 0.499 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

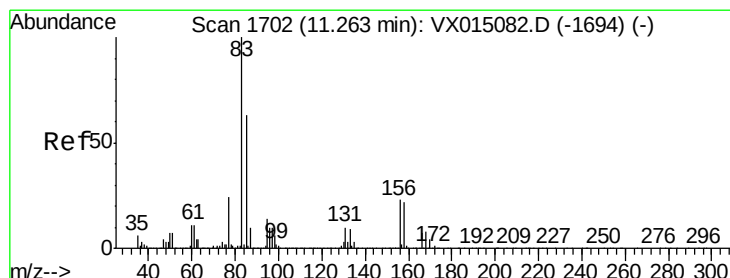
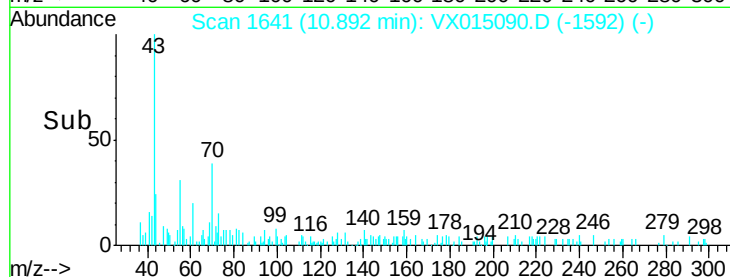
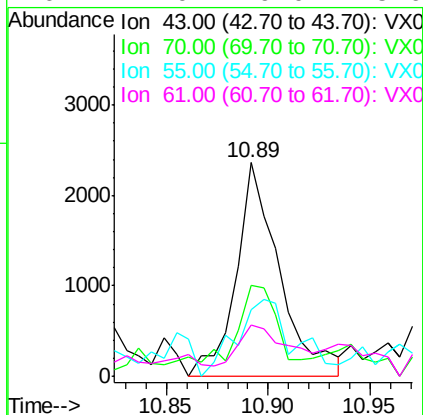
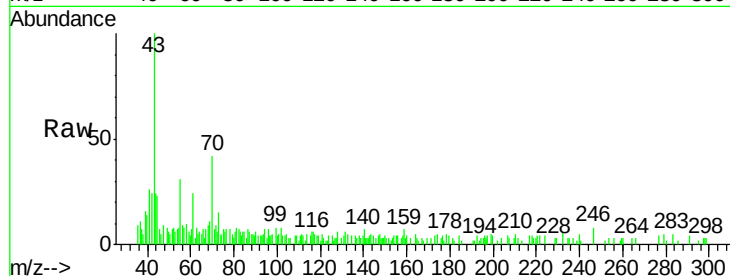
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	43	Resp:	3481
Ion	Ratio	Lower	Upper
43	100		
70	40.2	34.7	52.1
55	49.3	19.4	29.0#
61	21.0	19.0	28.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.575 ug/l

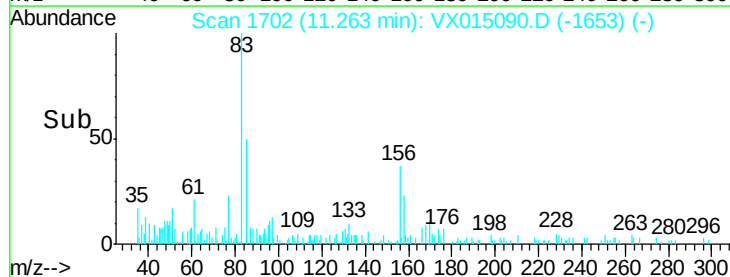
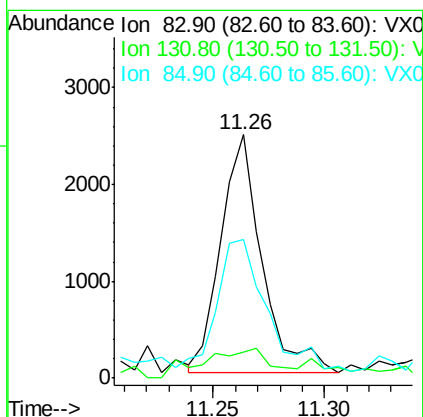
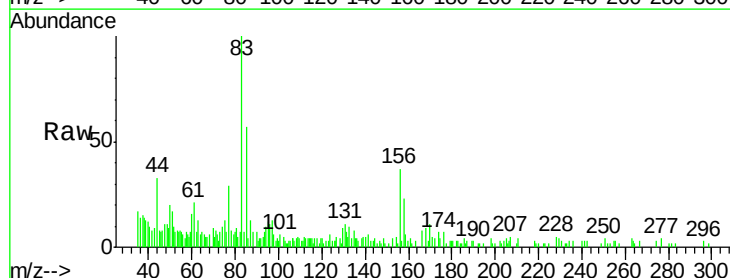
RT: 11.26 min Scan# 1702

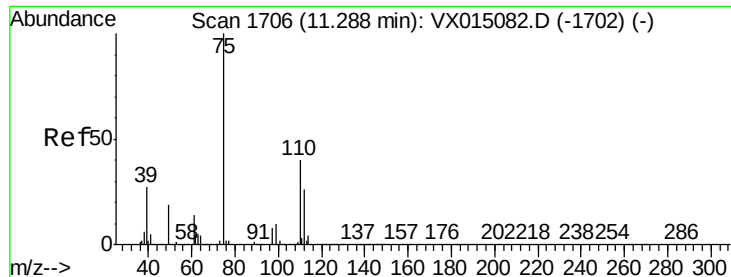
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion	83	Resp:	3171
Ion	Ratio	Lower	Upper
83	100		
131	20.9	5.0	14.9#
85	67.4	31.9	95.9





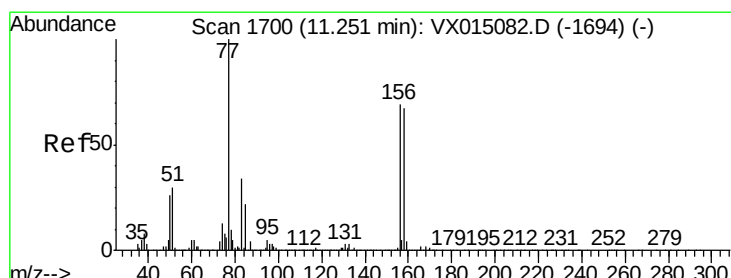
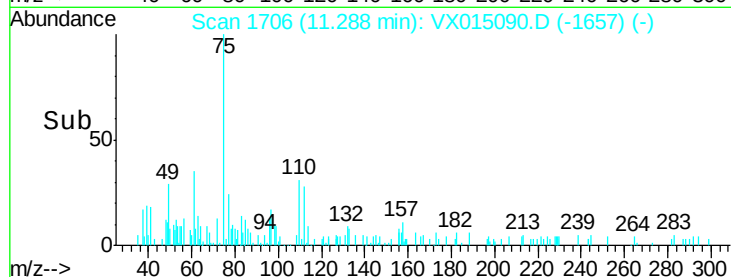
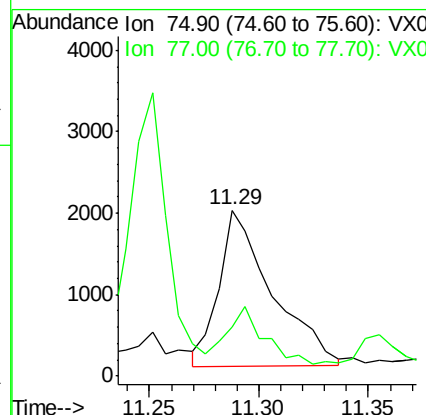
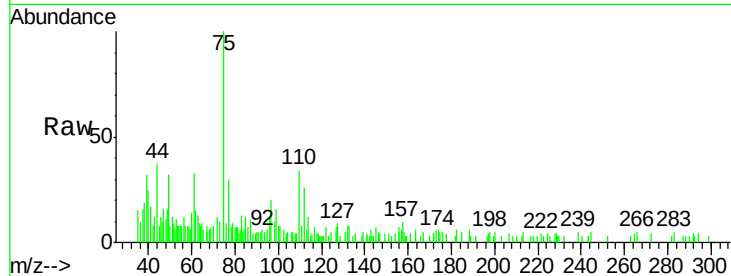
#76
 1,2,3-Trichloropropane
 Concen: 0.632 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

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

Tot Ion: 75 Resp: 3267
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.6 67.8

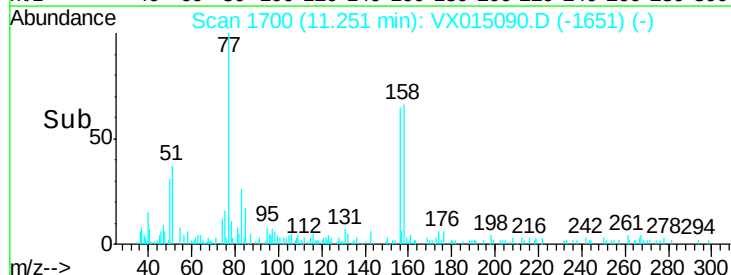
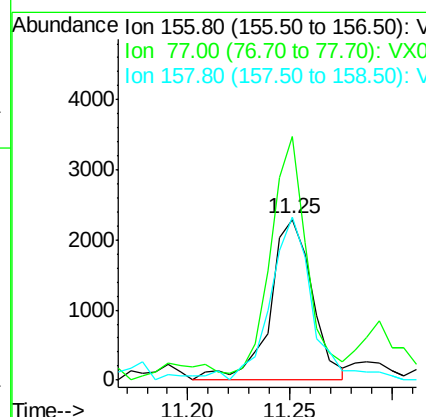
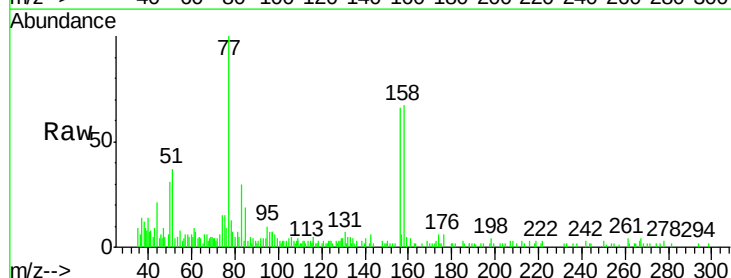
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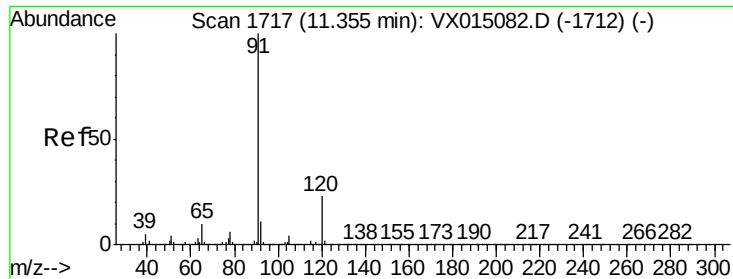
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#77
 Bromobenzene
 Concen: 0.719 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion: 156 Resp: 3316
 Ion Ratio Lower Upper
 156 100
 77 125.3 75.3 225.9
 158 102.3 48.5 145.6





#78

n-propylbenzene

Concen: 0.563 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 91 Resp: 10635

Ion Ratio Lower Upper

91 100

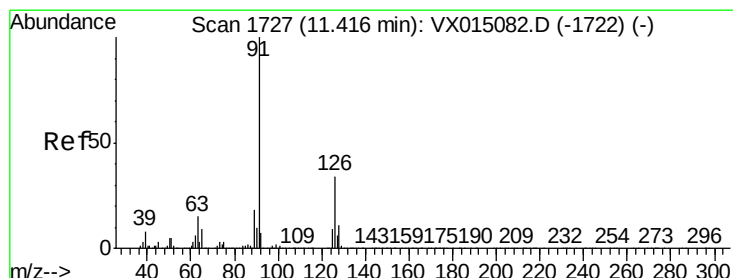
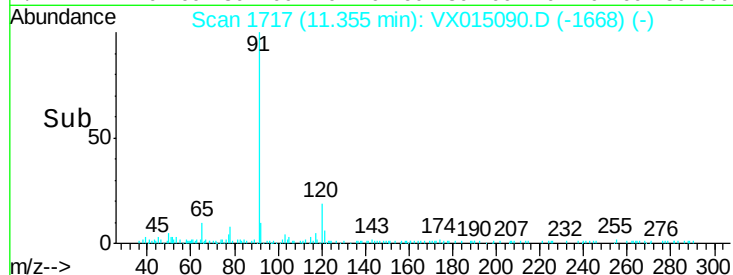
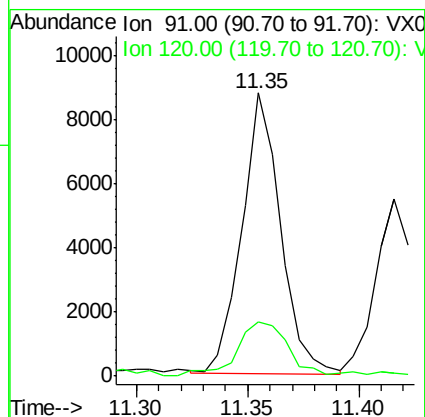
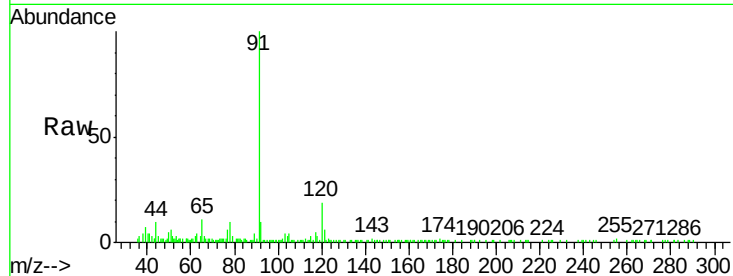
120 25.6 11.7 35.1

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#79

2-Chlorotoluene

Concen: 0.606 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015090.D

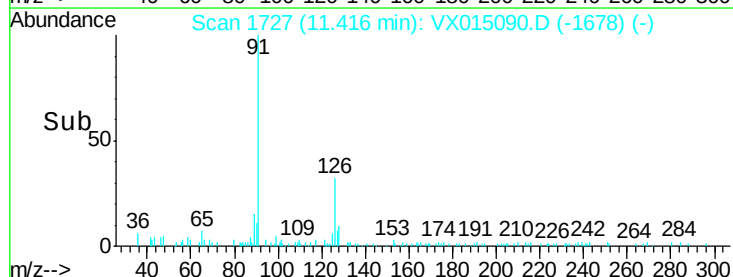
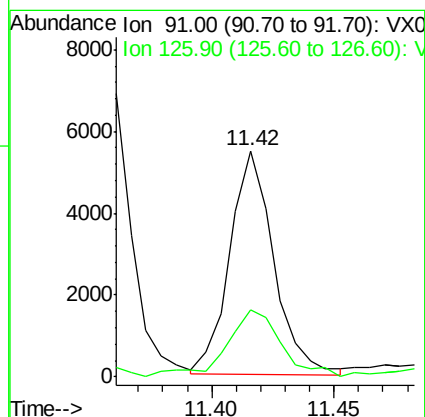
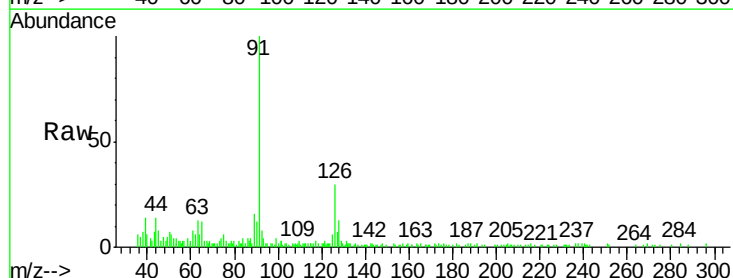
Acq: 04 Mar 2020 16:19

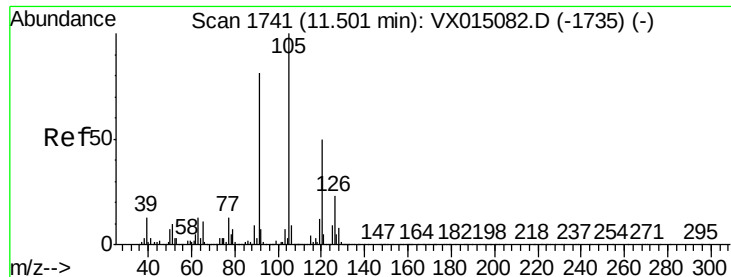
Tgt Ion: 91 Resp: 6837

Ion Ratio Lower Upper

91 100

126 37.2 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 0.477 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 105 Resp: 6564

Ion Ratio Lower Upper

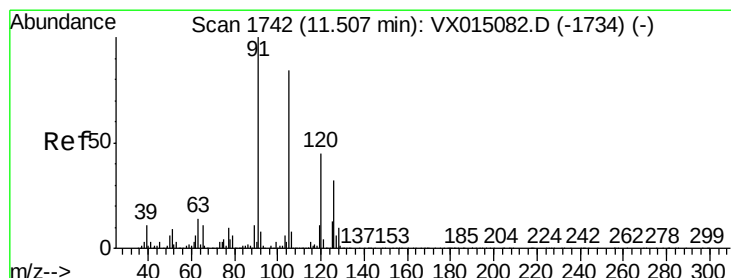
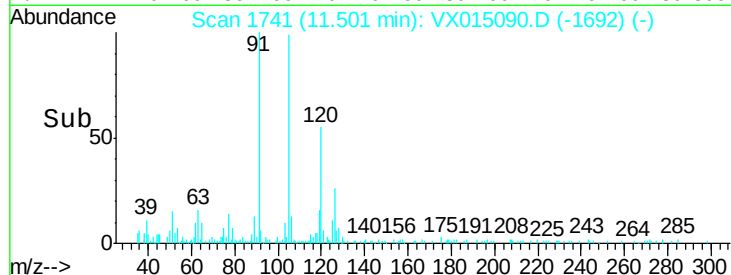
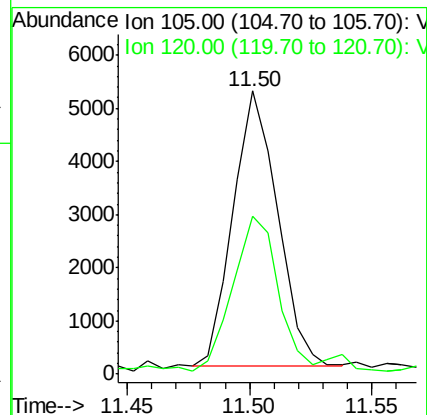
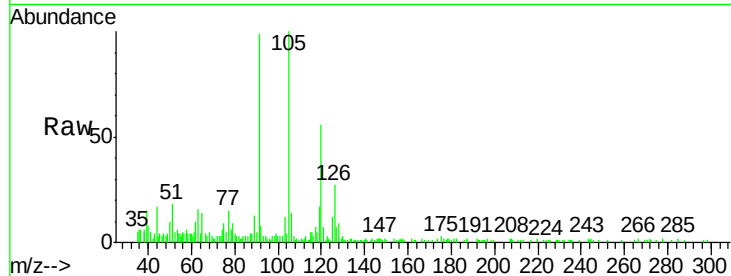
105 100

120 60.7 25.1 75.4

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#82

4-Chlorotoluene

Concen: 0.640 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015090.D

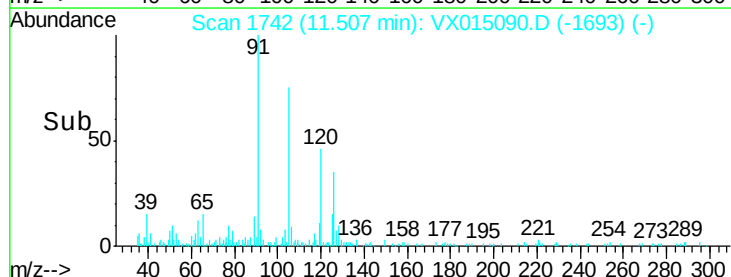
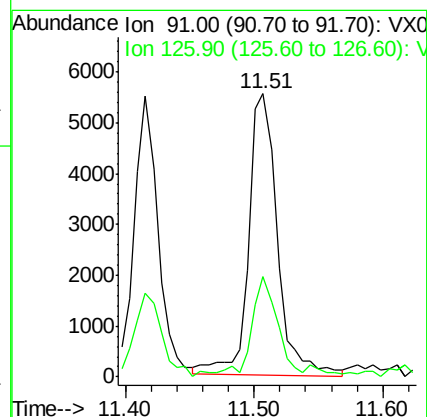
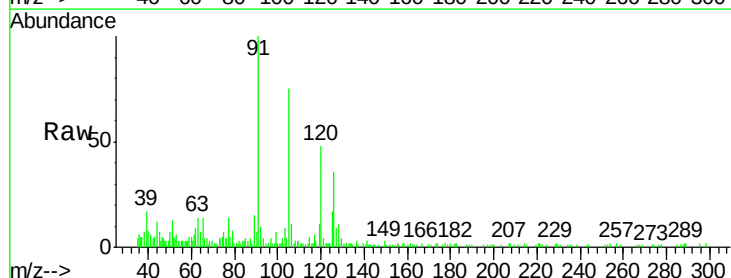
Acq: 04 Mar 2020 16:19

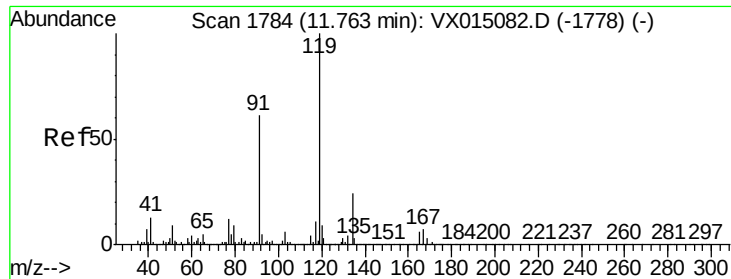
Tgt Ion: 91 Resp: 8532

Ion Ratio Lower Upper

91 100

126 28.0 15.4 46.2





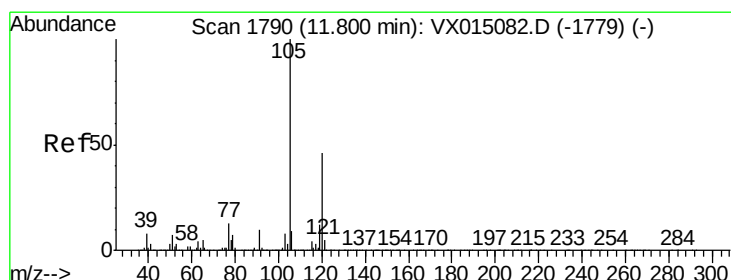
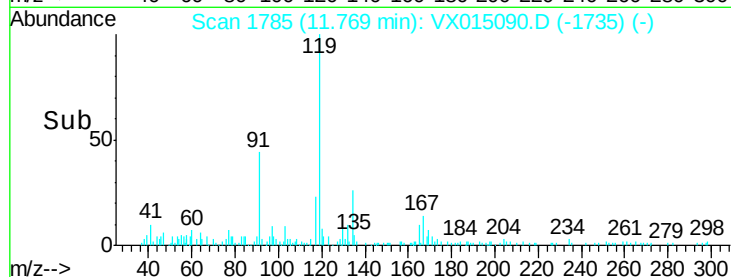
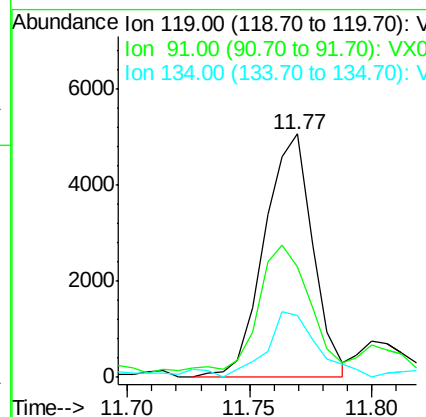
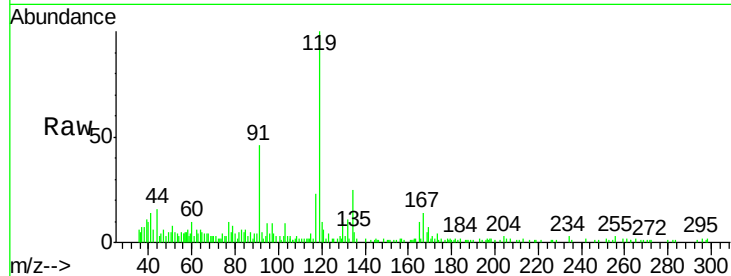
#83
 tert-Butylbenzene
 Concen: 0.522 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	6958		
91	57.4		28.5	85.6
134	27.8		11.9	35.7

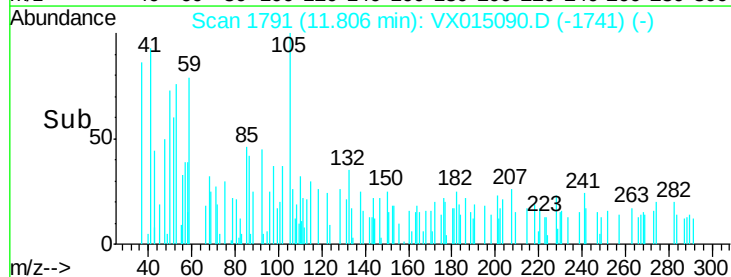
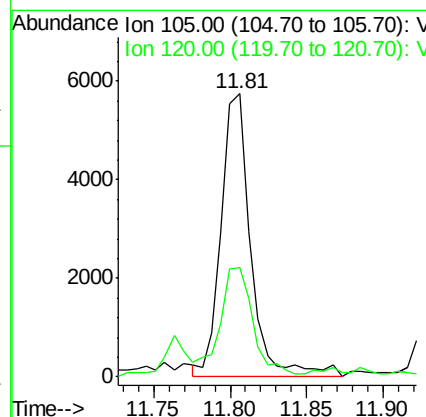
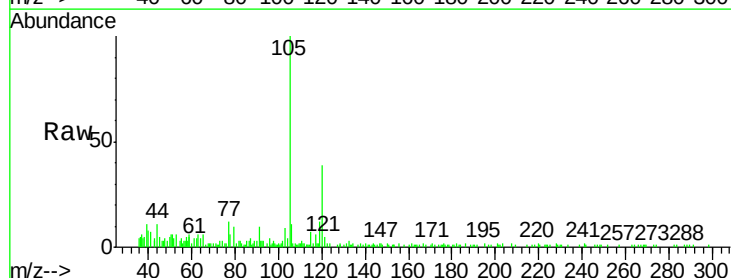
Manual Integrations
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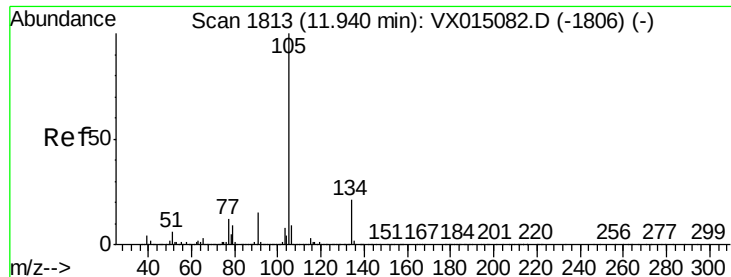
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.561 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	7759		
120	43.7		22.9	68.5





#85

sec-Butylbenzene

Concen: 0.504 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:105 Resp: 8108

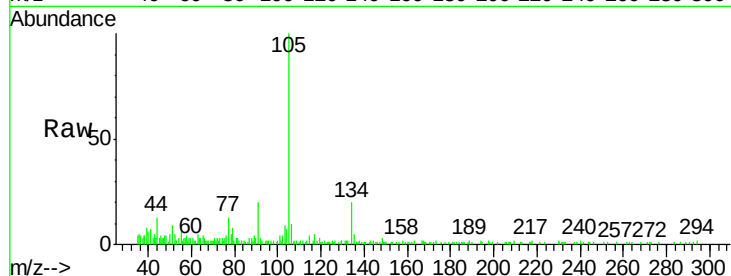
Ion Ratio Lower Upper

105 100

134 24.6 10.4 31.2

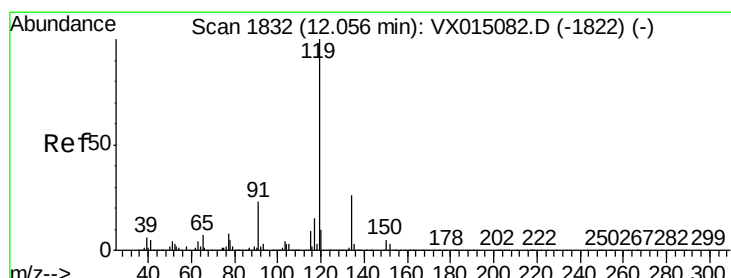
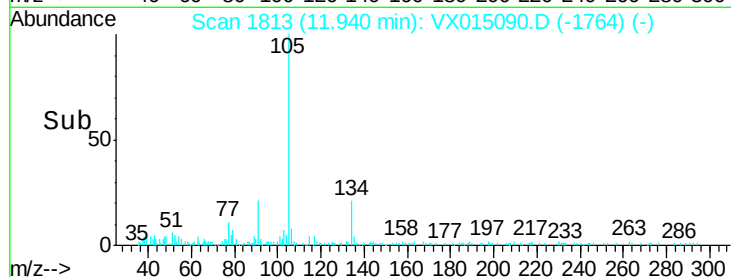
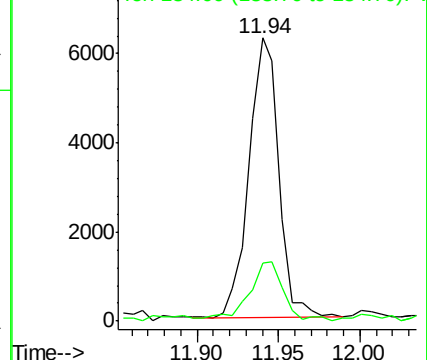
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.478 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

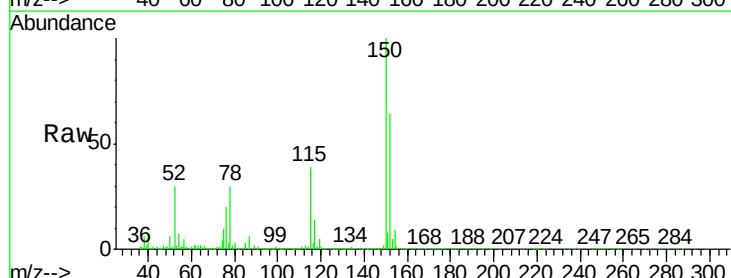
Tgt Ion:119 Resp: 7086

Ion Ratio Lower Upper

119 100

134 37.1 13.4 40.1

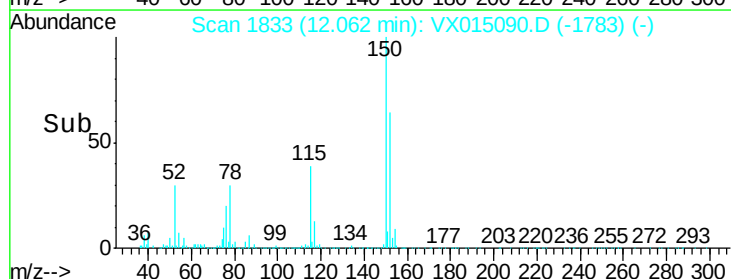
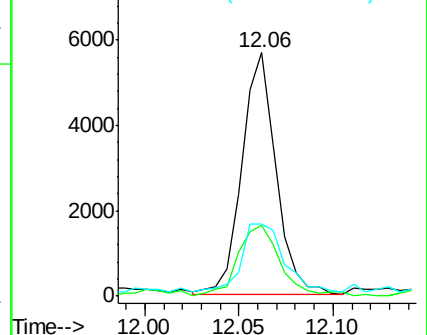
91 35.5 11.3 33.8#

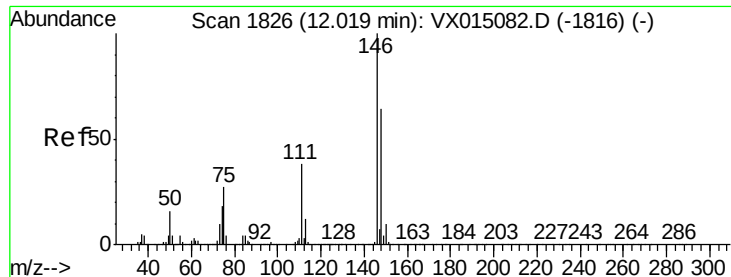


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.677 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

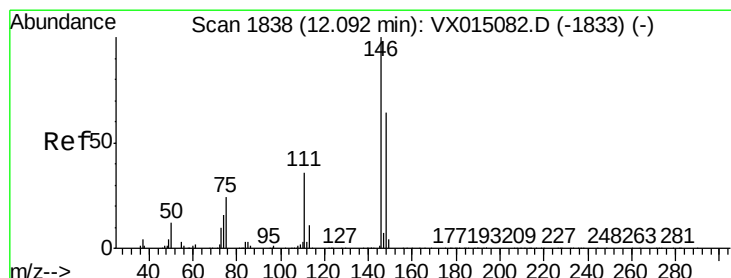
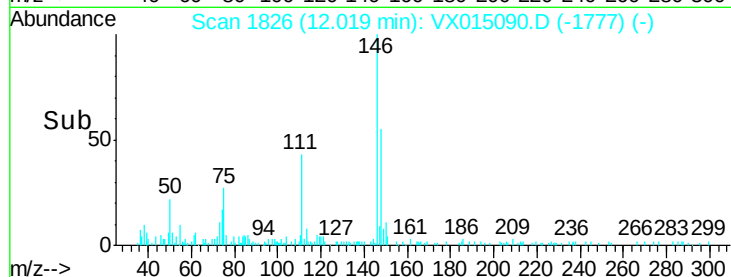
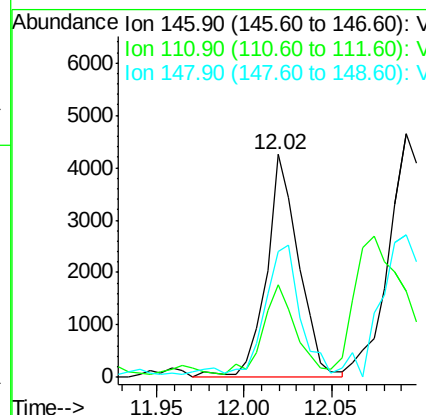
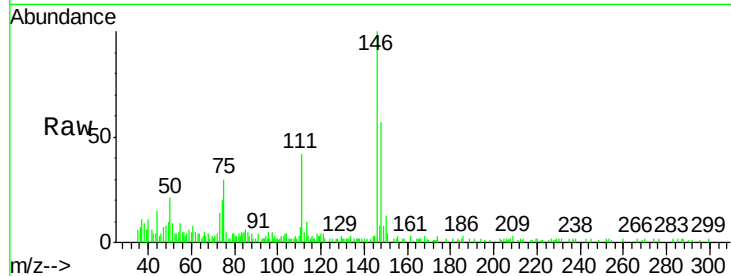
Instrument :
MSVOA_X

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.1	57.1
148	61.0	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 0.773 ug/l m

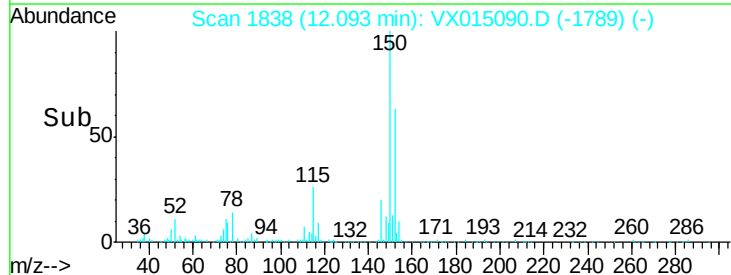
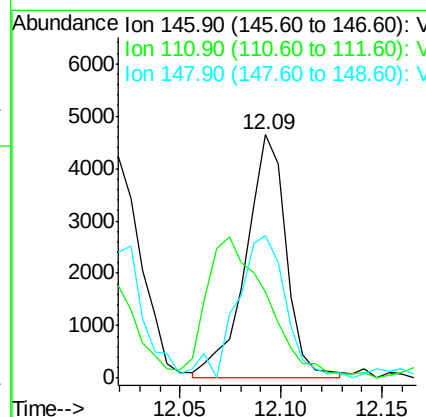
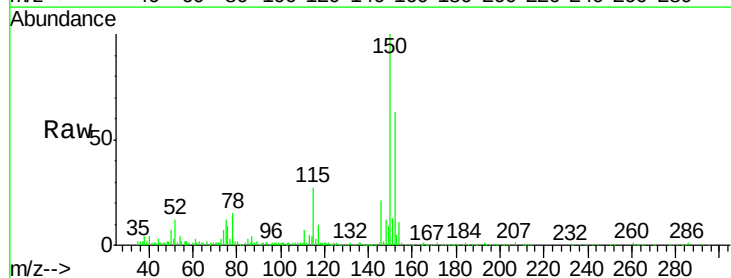
RT: 12.09 min Scan# 1838

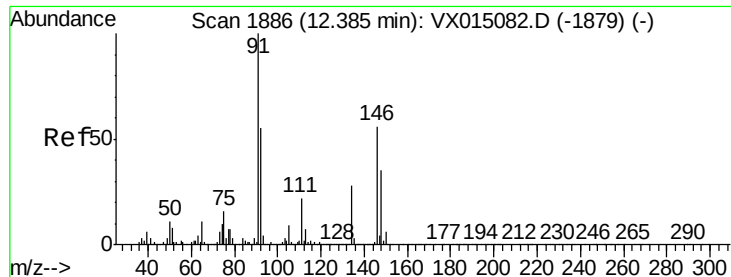
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.9	18.7	56.1
148	51.7	32.5	97.4





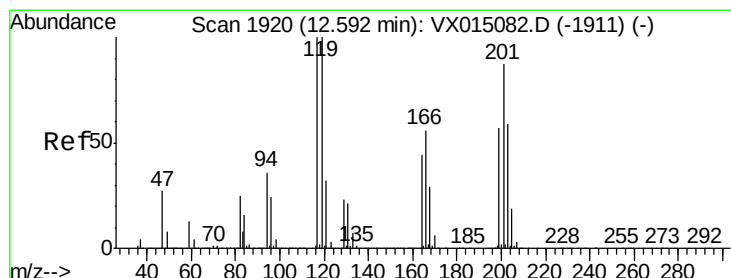
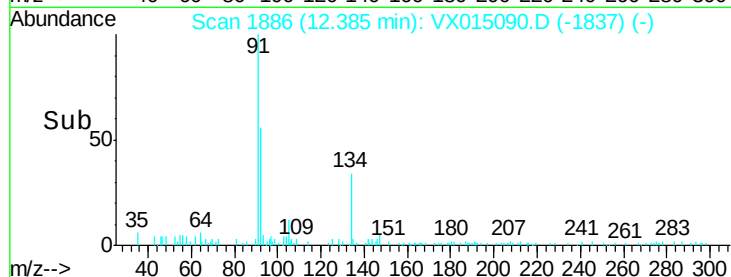
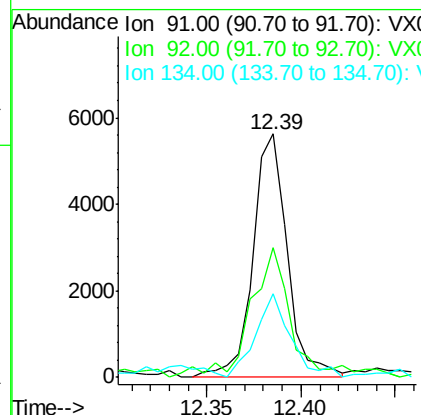
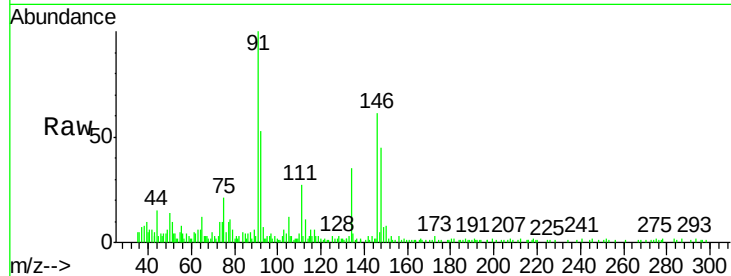
#89
n-Butylbenzene
Concen: 0.541 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.4	27.2	81.6
134	35.3	13.5	40.5

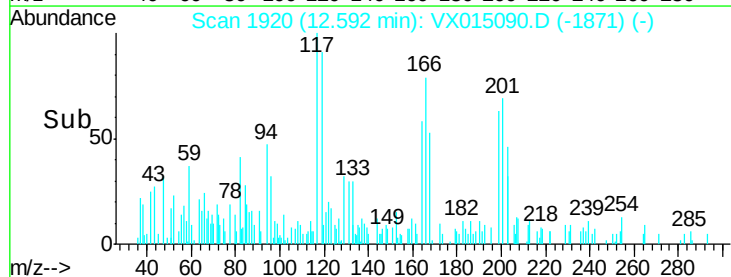
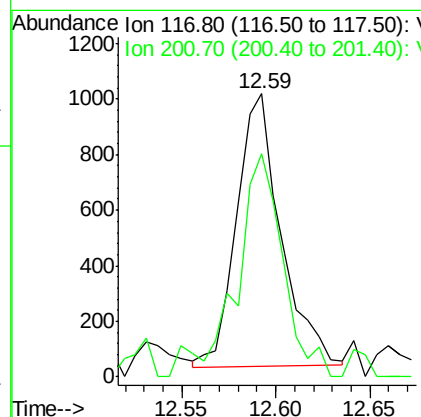
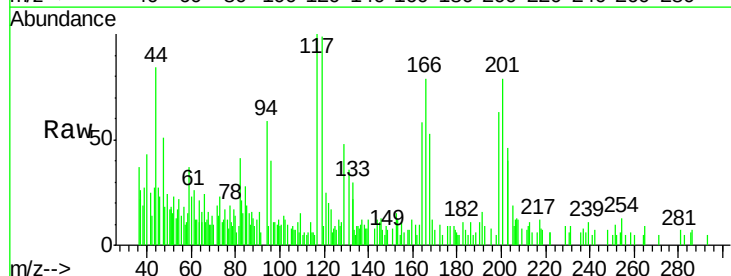
Manual Integrations
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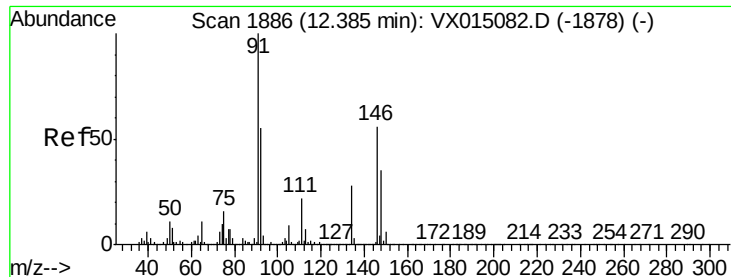
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#90
Hexachloroethane
Concen: 0.574 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.5	130.7





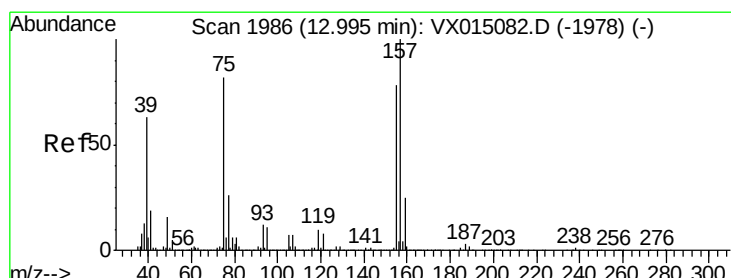
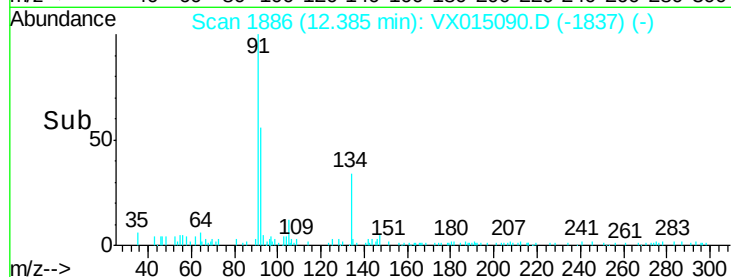
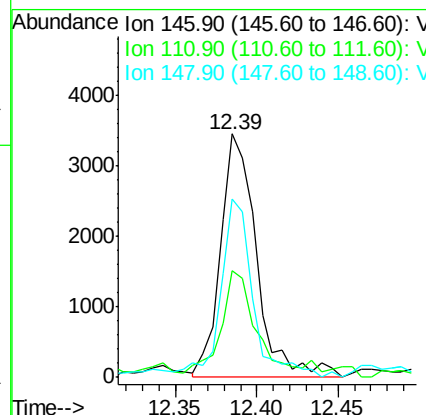
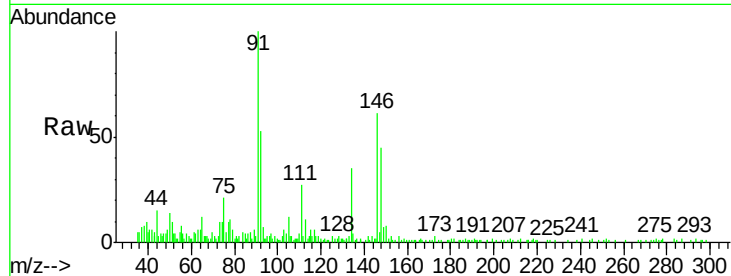
#91
1,2-Dichlorobenzene
Concen: 0.660 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.7
148	68.8	32.3	96.8

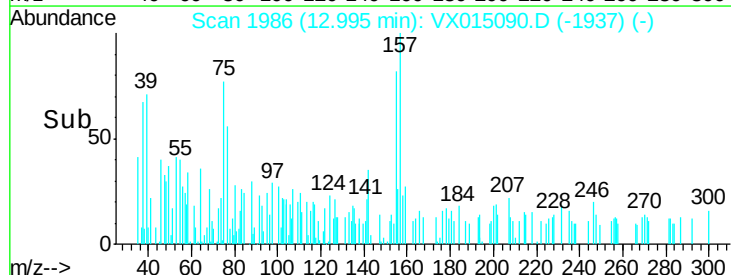
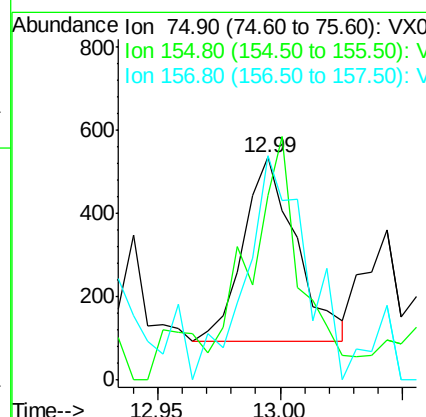
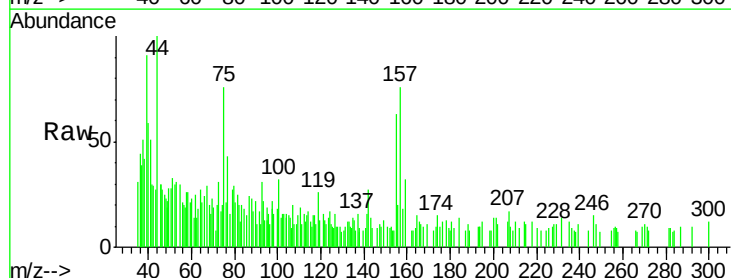
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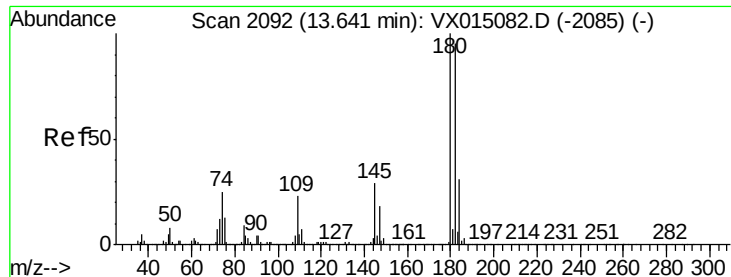
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.600 ug/l
RT: 12.99 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	130.4	46.6	139.7
157	145.0	59.2	177.5





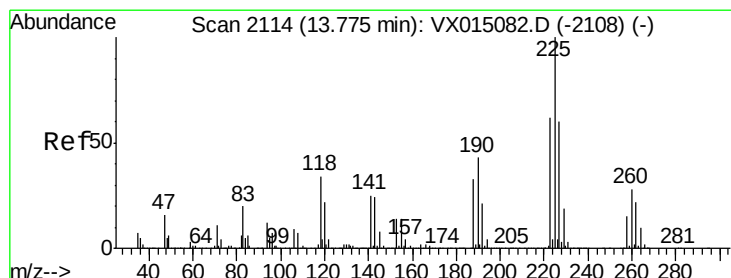
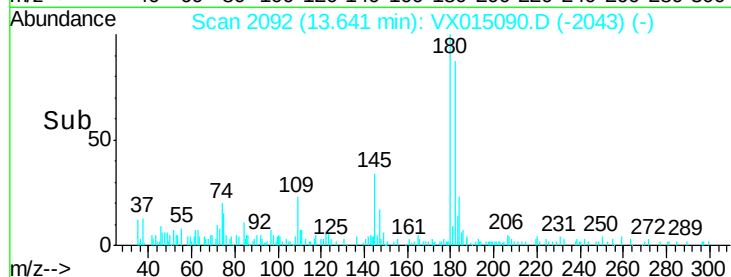
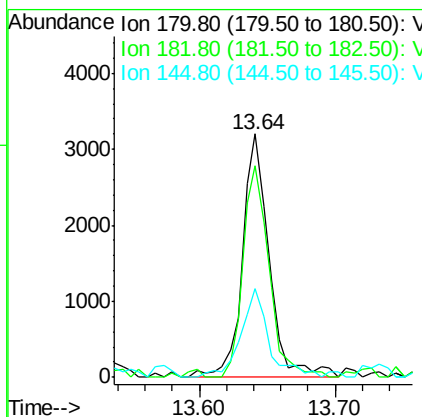
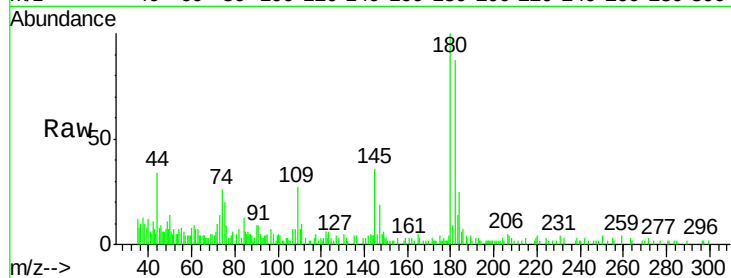
#93
 1,2,4-Trichlorobenzene
 Concen: 0.789 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.6	142.8
145	38.1	14.1	42.2

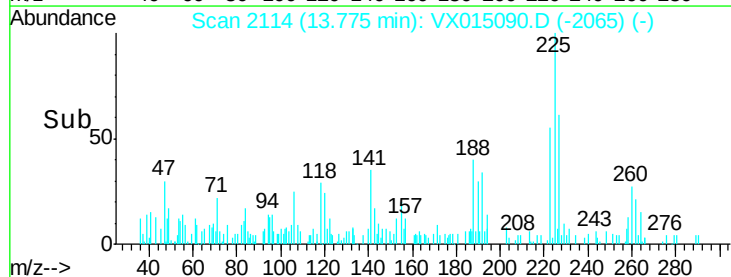
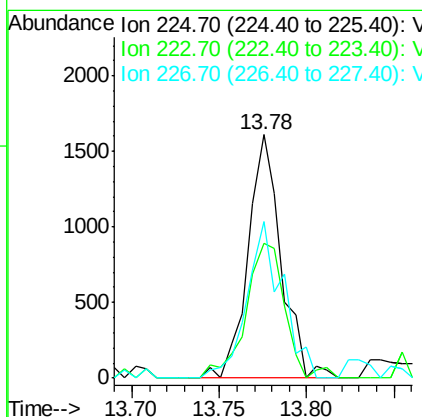
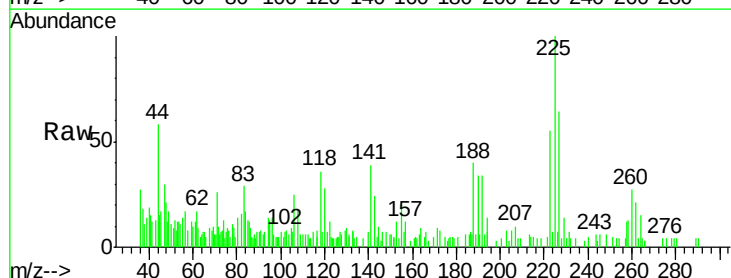
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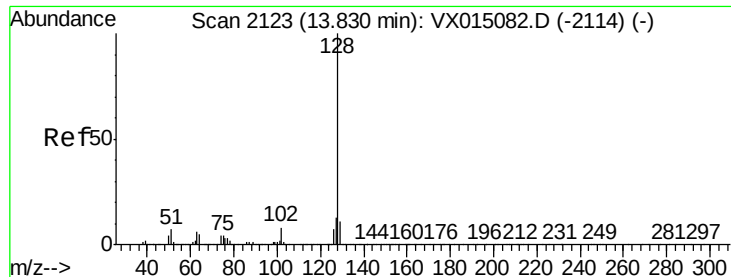
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 0.735 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.3	93.9
227	70.0	31.1	93.2





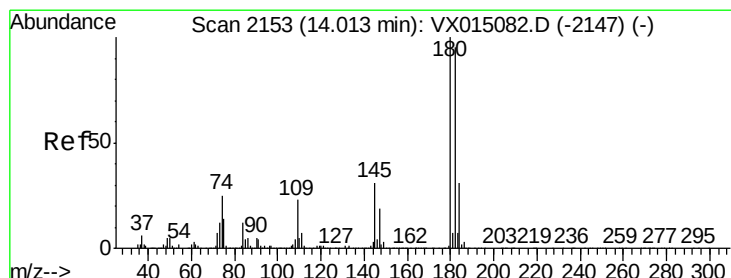
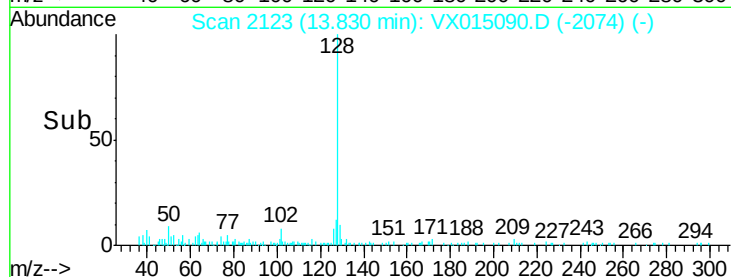
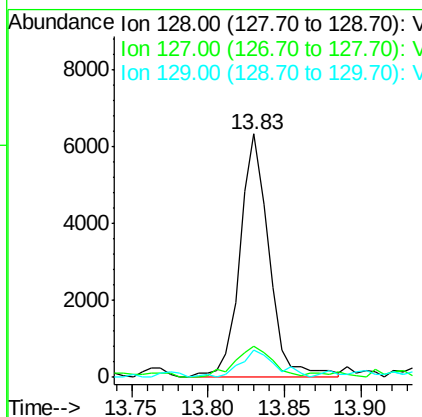
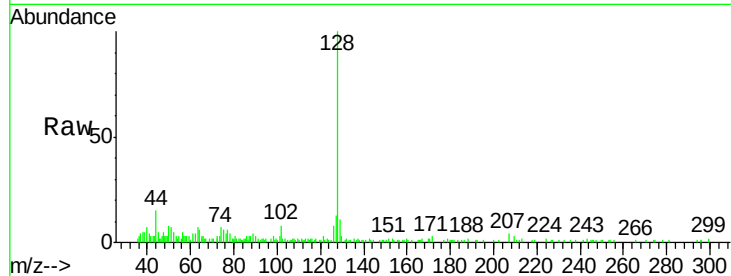
#95
Naphthalene
Concen: 0.548 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.3	15.5#
129	13.5	8.6	13.0#

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.650 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.4
145	34.3	15.1	45.3

