

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018965.D
 Acq On : 19 Oct 2020 21:01
 Operator : JC/SP
 Sample : L4214-07 .75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

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 10/20/2020 4:52:36 PM

Quant Time: Oct 20 10:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 10:01:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	87607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	161815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	138727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	59371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	60732	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	5.46	113	47832	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.70	98	187531	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.12	95	61915	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	482	0.612	ug/l	95
3) Chloromethane	1.32	50	634	0.739	ug/l	98
4) Vinyl Chloride	1.39	62	792	0.688	ug/l	90
5) Bromomethane	1.64	94	1006	1.049	ug/l	91
6) Chloroethane	1.71	64	624	0.752	ug/l	93
7) Trichlorofluoromethane	1.92	101	1312	0.676	ug/l	90
8) Diethyl Ether	2.17	74	527	0.685	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.36	101	748	0.700	ug/l	90
10) Methyl Iodide	2.50	142	490	0.487	ug/l #	90
11) Tert butyl alcohol	3.01	59	1134	4.351	ug/l #	80
12) 1,1-Dichloroethene	2.36	96	830	0.727	ug/l	88
13) Acrolein	2.27	56	601	3.503	ug/l #	62
14) Allyl chloride	2.70	41	1107	0.804	ug/l #	90
15) Acrylonitrile	3.12	53	1654	3.446	ug/l	98
16) Acetone	2.42	43	1574	3.202	ug/l	99
17) Carbon Disulfide	2.55	76	2167	0.836	ug/l	96
18) Methyl Acetate	2.75	43	925	0.850	ug/l #	77
19) Methyl tert-butyl Ether	3.17	73	1917	0.652	ug/l	99
20) Methylene Chloride	2.83	84	819	0.788	ug/l #	81
21) trans-1,2-Dichloroethene	3.14	96	770	0.737	ug/l	89
22) Diisopropyl ether	3.82	45	1716	0.674	ug/l #	83
23) Vinyl Acetate	3.78	43	7678	3.123	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1189	0.681	ug/l #	89
25) 2-Butanone	4.64	43	2586	3.657	ug/l	93
26) 2,2-Dichloropropane	4.54	77	1021	0.625	ug/l #	67
27) cis-1,2-Dichloroethene	4.56	96	803	0.662	ug/l	96
28) Bromochloromethane	4.99	49	561	0.763	ug/l #	88
29) Tetrahydrofuran	5.10	42	1578	3.797	ug/l #	85
30) Chloroform	5.18	83	1276	0.676	ug/l	97
31) Cyclohexane	5.56	56	934	0.677	ug/l	88
32) 1,1,1-Trichloroethane	5.46	97	1106	0.649	ug/l #	48
36) 1,1-Dichloropropene	5.77	75	1089	0.708	ug/l	91
37) Ethyl Acetate	4.81	43	1144	0.753	ug/l #	74
38) Carbon Tetrachloride	5.76	117	1017	0.641	ug/l	90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1069	0.646	ug/l	93
40) Benzene	6.12	78	2687	0.607	ug/l	99
41) Methacrylonitrile	5.01	41	662	0.842	ug/l #	79
42) 1,2-Dichloroethane	6.16	62	1008	0.664	ug/l	88
43) Isopropyl Acetate	6.42	43	1723	0.703	ug/l #	88
44) Trichloroethene	7.18	130	786	0.643	ug/l	92
45) 1,2-Dichloropropane	7.49	63	648	0.592	ug/l	95
46) Dibromomethane	7.63	93	515	0.658	ug/l	88
47) Bromodichloromethane	7.87	83	963	0.609	ug/l #	95
48) Methyl methacrylate	7.75	41	803	0.707	ug/l #	85
49) 1,4-Dioxane	7.72	88	312	11.990	ug/l #	55
51) 4-Methyl-2-Pentanone	8.62	43	4422	3.107	ug/l	95
52) Toluene	8.76	92	1814	0.634	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	1078	0.600	ug/l	93
54) cis-1,3-Dichloropropene	8.41	75	1074	0.566	ug/l #	85
55) 1,1,2-Trichloroethane	9.20	97	684	0.609	ug/l	93
56) Ethyl methacrylate	9.16	69	1007	0.584	ug/l #	84
57) 1,3-Dichloropropane	9.35	76	1125	0.596	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	2810	2.952	ug/l	94
59) 2-Hexanone	9.48	43	3353	3.099	ug/l	90
60) Dibromochloromethane	9.56	129	609	0.490	ug/l	95
61) 1,2-Dibromoethane	9.65	107	718	0.590	ug/l	98
64) Tetrachloroethene	9.32	164	619	0.632	ug/l	95
65) Chlorobenzene	10.12	112	1808	0.623	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	620	0.582	ug/l #	63
67) Ethyl Benzene	10.23	91	3265	0.648	ug/l	97
68) m/p-Xylenes	10.34	106	2315	1.185	ug/l	99
69) o-Xylene	10.68	106	1055	0.560	ug/l	93
70) Styrene	10.70	104	1813	0.572	ug/l	98
71) Bromoform	10.84	173	430	0.504	ug/l #	93
73) Isopropylbenzene	11.00	105	2774	0.645	ug/l	98
74) N-amyl acetate	10.88	43	1306	0.809	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.26	83	897	0.640	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1026m	0.795	ug/l	
77) Bromobenzene	11.24	156	689	0.661	ug/l	90
78) n-propylbenzene	11.34	91	3346	0.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	2093	0.729	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	2420	0.674	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.05	75	313m	0.611	ug/l	
82) 4-Chlorotoluene	11.49	91	2465	0.715	ug/l	95
83) tert-Butylbenzene	11.76	119	2293	0.640	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	2445	0.682	ug/l	96
85) sec-Butylbenzene	11.93	105	2758	0.654	ug/l	97
86) p-Isopropyltoluene	12.05	119	2513	0.652	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	1402	0.717	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1542m	0.758	ug/l	
89) n-Butylbenzene	12.37	91	2605	0.742	ug/l	93
90) Hexachloroethane	12.58	117	353	0.561	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1225	0.651	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	159	0.499	ug/l	73

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ClientSampleId :
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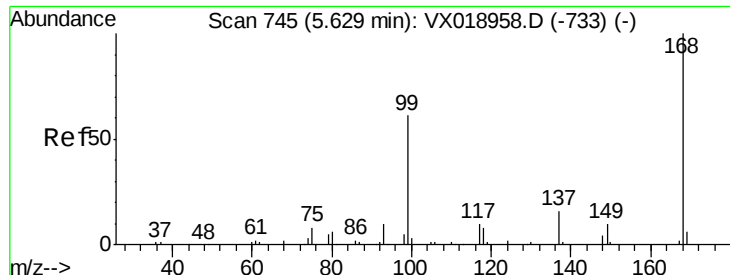
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	931	0.715	ug/l	96
94) Hexachlorobutadiene	13.77	225	362	0.668	ug/l	97
95) Naphthalene	13.82	128	2849	0.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	845	0.670	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:168 Resp: 87607

Ion Ratio Lower Upper

168 100

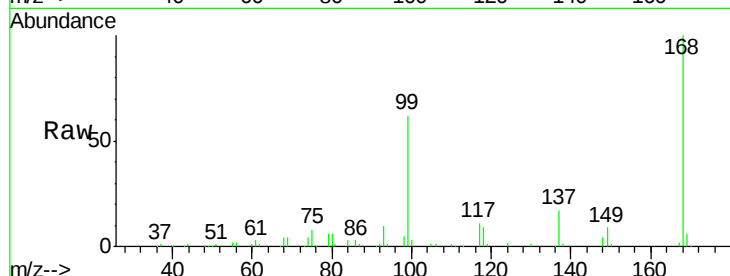
99 61.7 48.5 72.7

Manual Integrations

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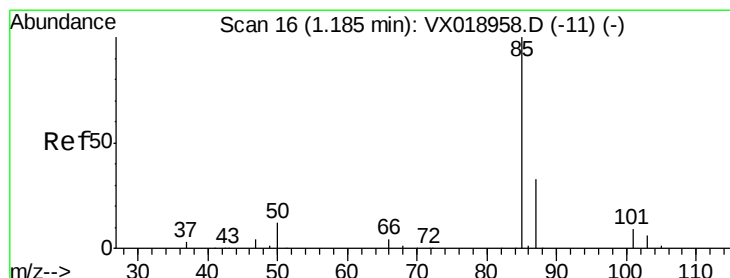
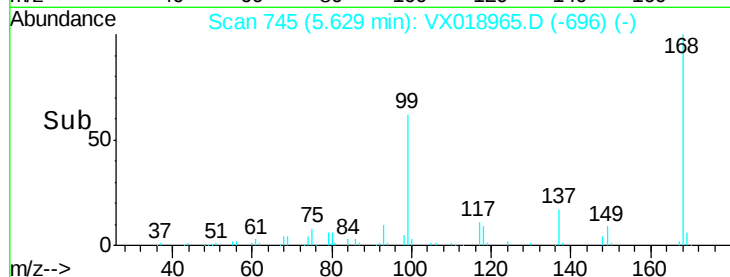
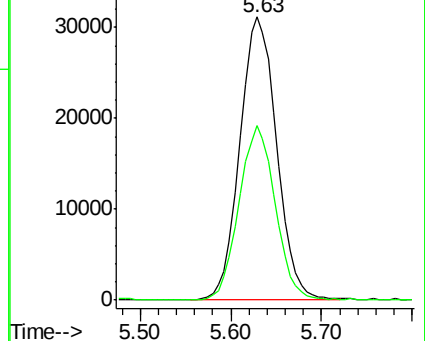
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.612 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018965.D

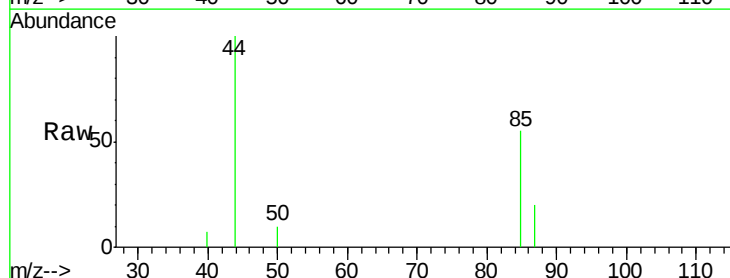
Acq: 19 Oct 2020 21:01

Tgt Ion: 85 Resp: 482

Ion Ratio Lower Upper

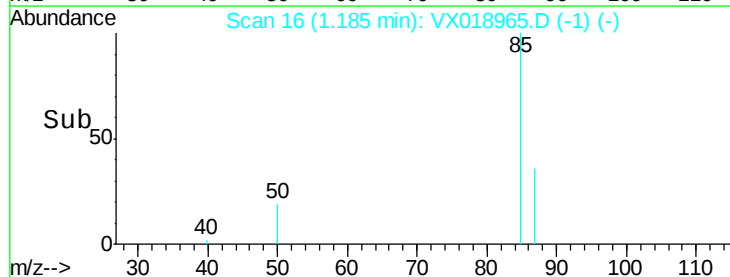
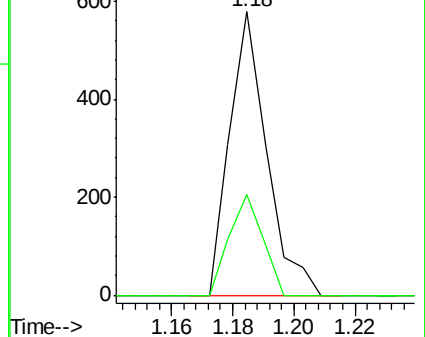
85 100

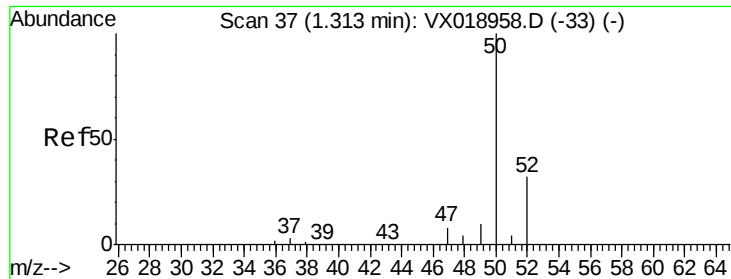
87 35.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.739 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 50 Resp: 634

Ion Ratio Lower Upper

50 100

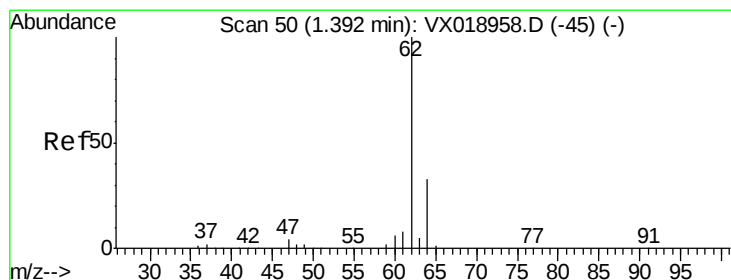
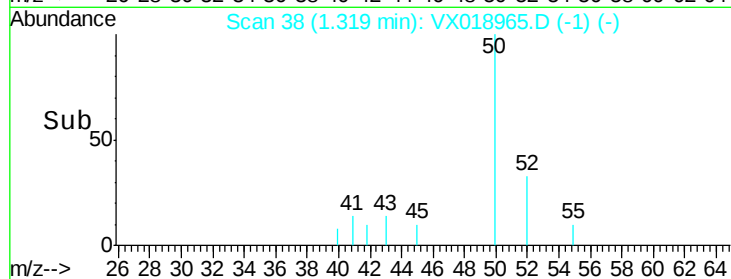
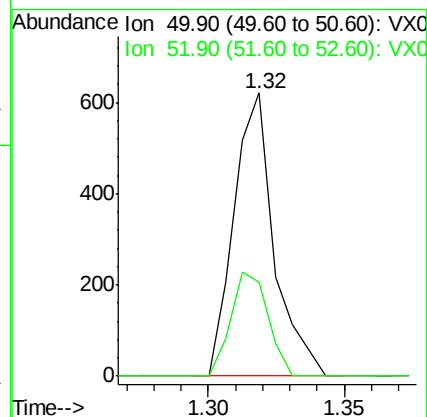
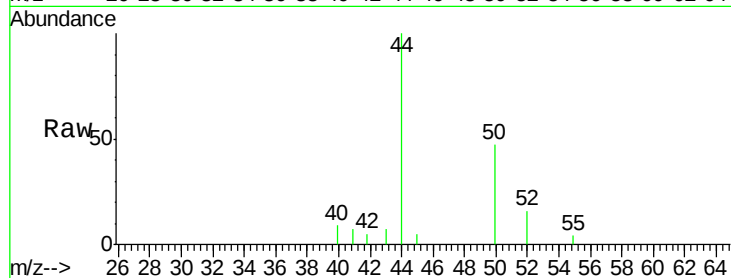
52 33.3 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.688 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018965.D

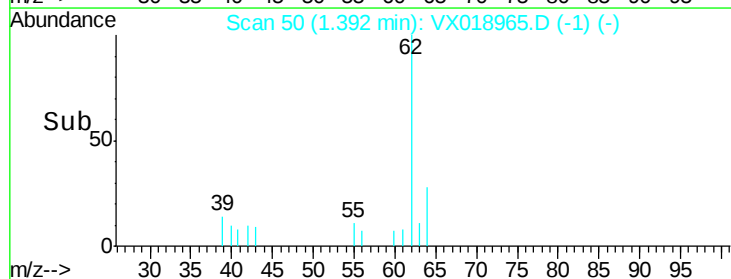
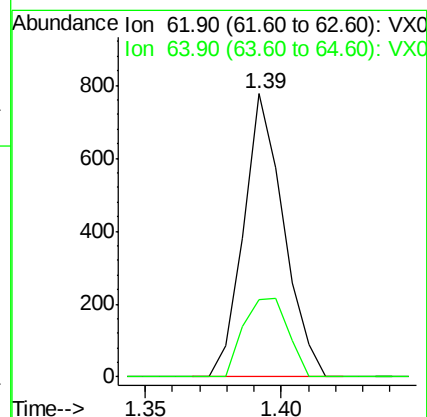
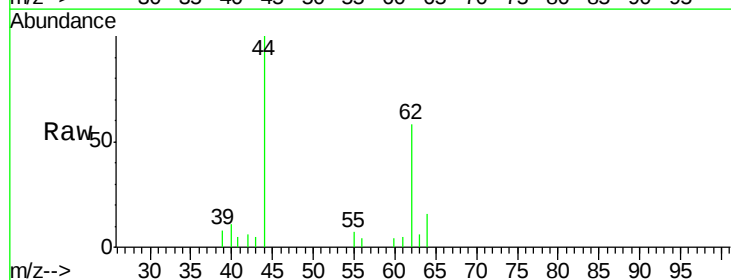
Acq: 19 Oct 2020 21:01

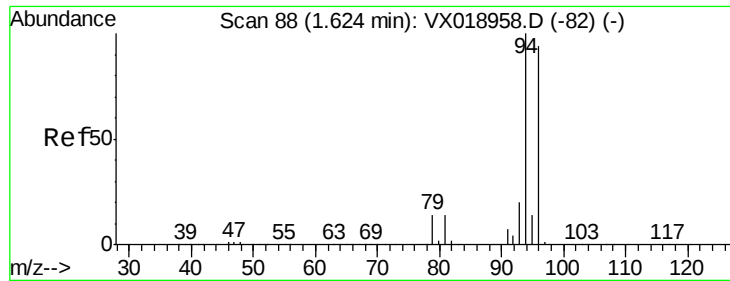
Tgt Ion: 62 Resp: 792

Ion Ratio Lower Upper

62 100

64 27.5 26.7 40.1





#5

Bromomethane

Concen: 1.049 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 94 Resp: 1006

Ion Ratio Lower Upper

94 100

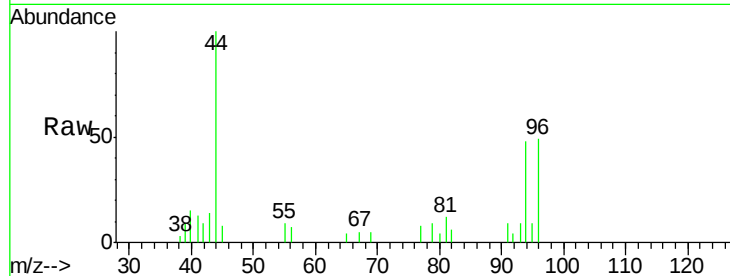
96 102.7 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

600

400

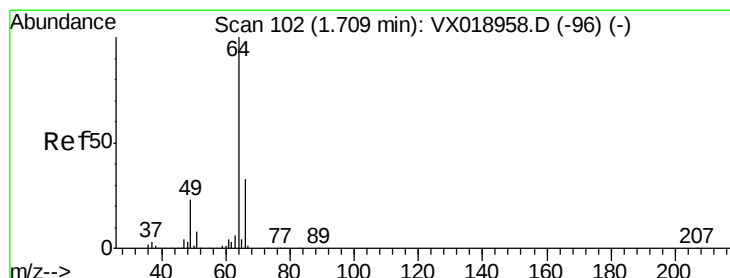
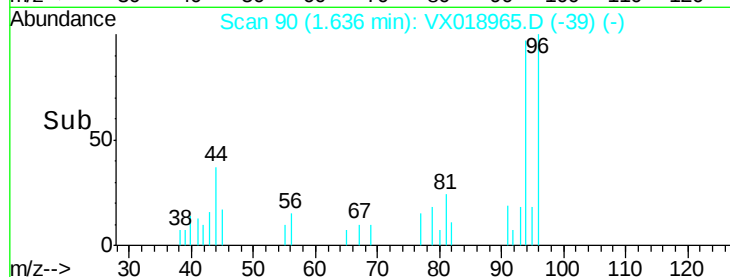
200

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: 0.752 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018965.D

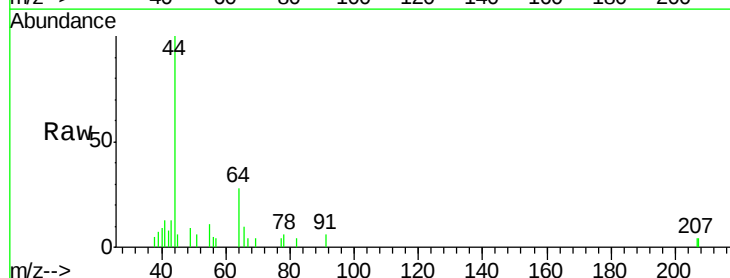
Acq: 19 Oct 2020 21:01

Tgt Ion: 64 Resp: 624

Ion Ratio Lower Upper

64 100

66 37.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

500

400

300

200

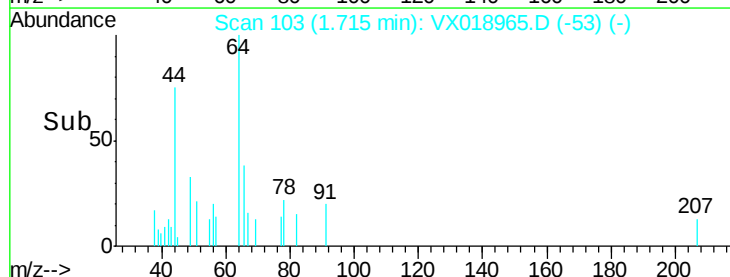
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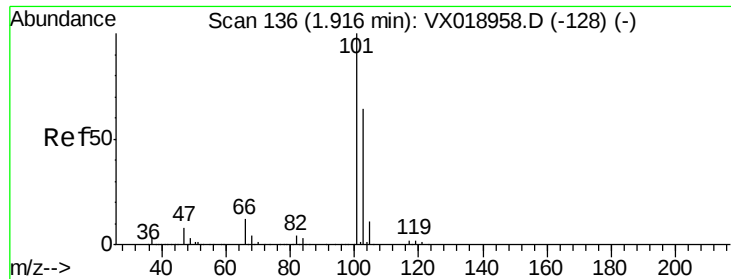
0

1.70

1.75

Time-->





#7

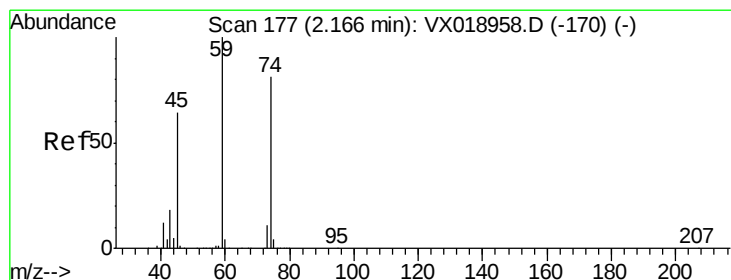
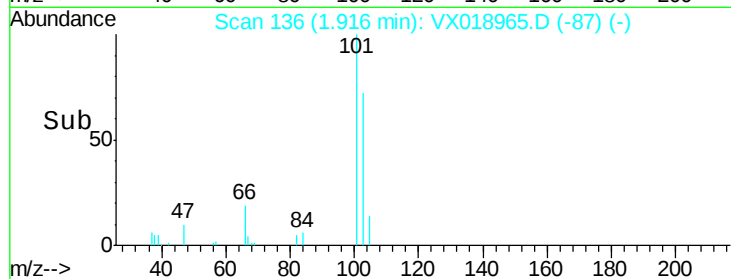
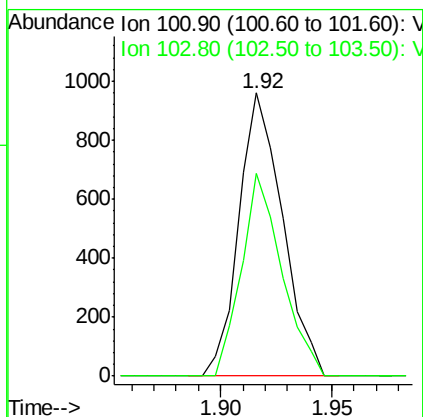
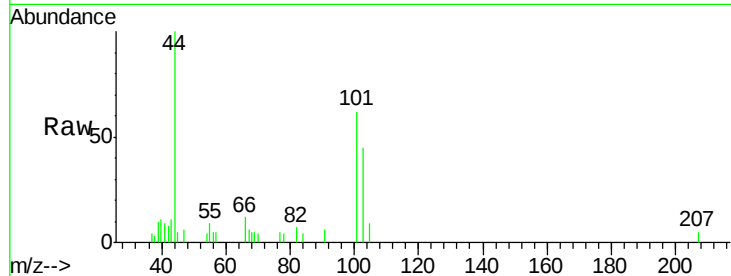
Trichlorofluoromethane
Concen: 0.676 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018965.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	71.8	51.3	76.9

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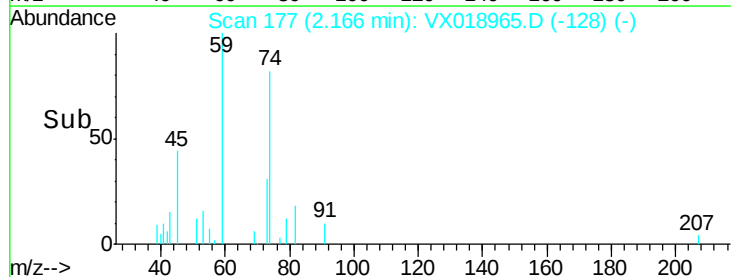
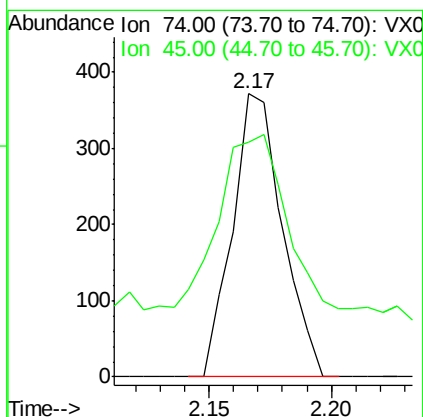
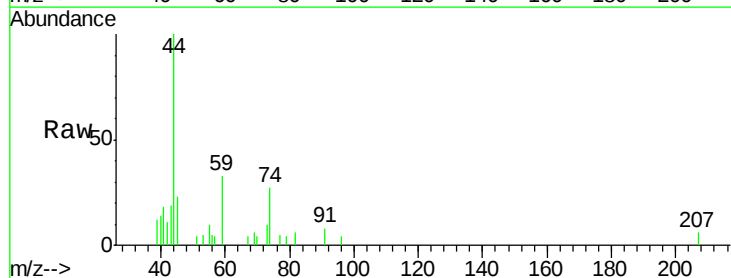
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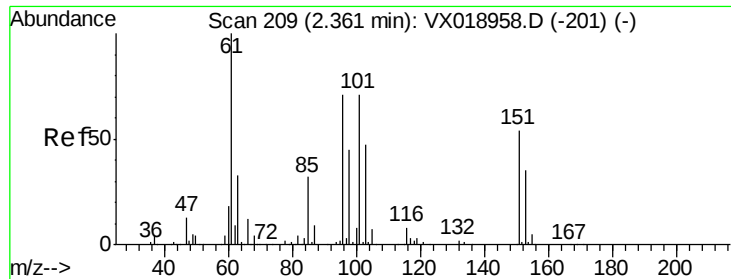


#8

Diethyl Ether
Concen: 0.685 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.700 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

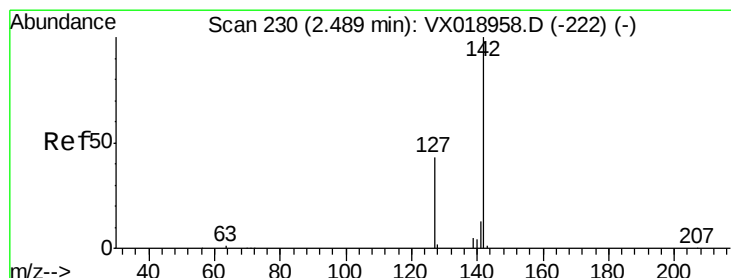
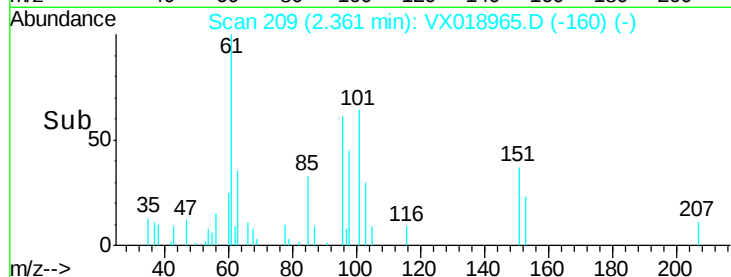
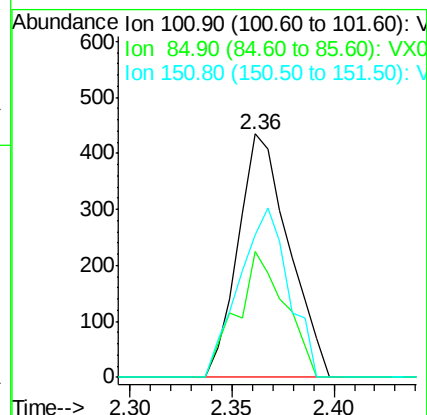
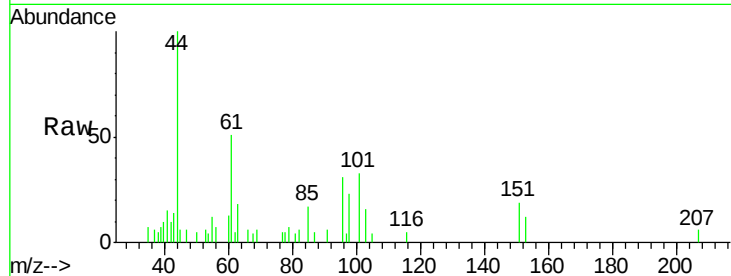
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	101	Resp:	748
Ion Ratio	Lower	Upper	
101	100		
85	49.2	35.1	52.7
151	68.3	62.1	93.1

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#10

Methyl Iodide

Concen: 0.487 ug/l

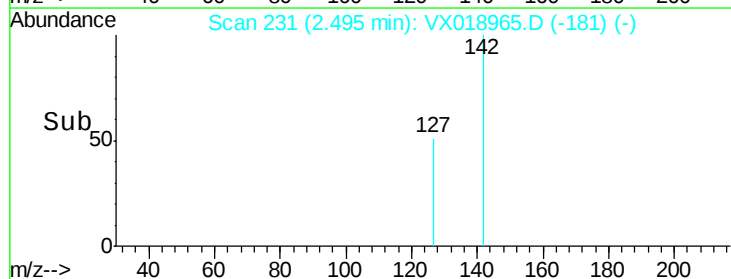
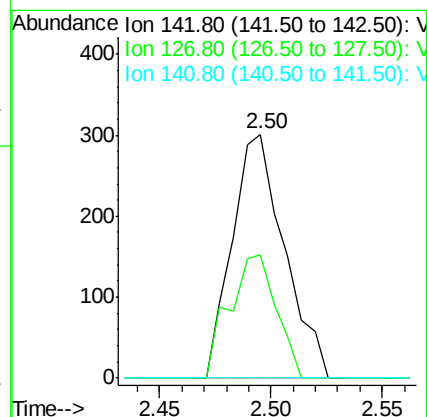
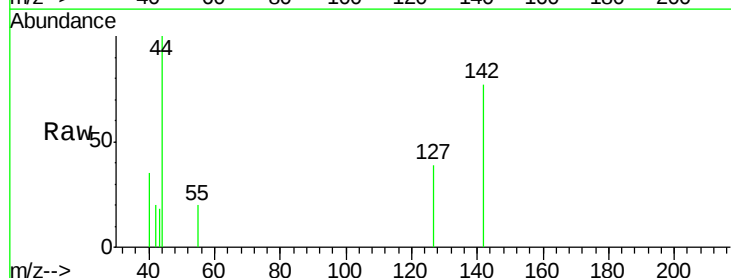
RT: 2.50 min Scan# 231

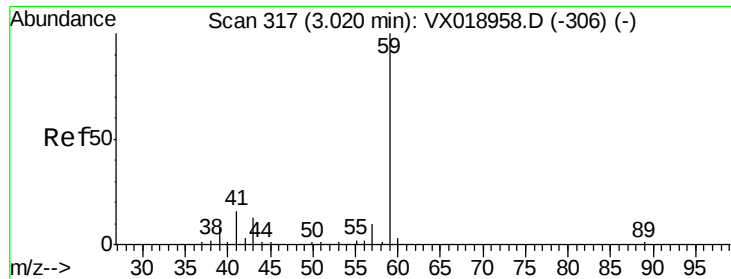
Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	142	Resp:	490
Ion Ratio	Lower	Upper	
142	100		
127	45.9	35.9	53.9
141	0.0	11.6	17.4#





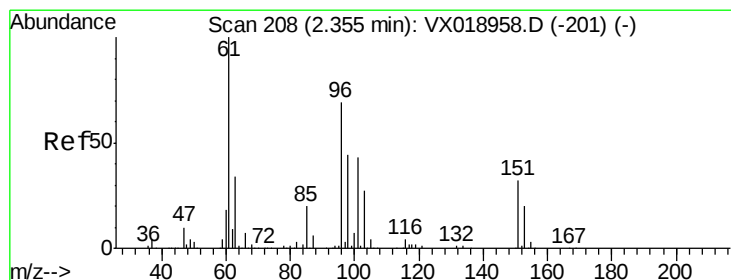
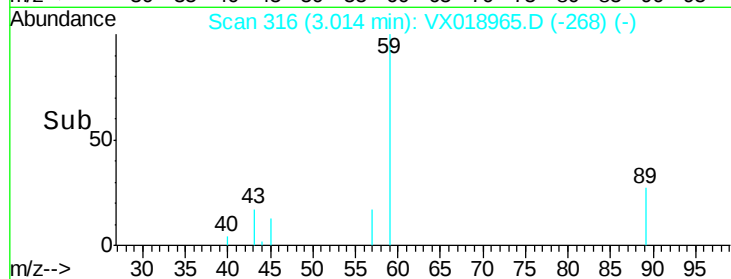
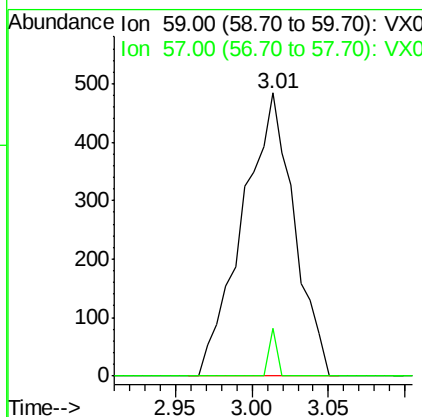
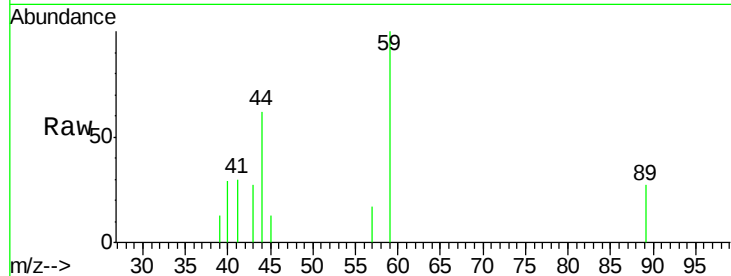
#11
Tert butyl alcohol
Concen: 4.351 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 59 Resp: 1134
Ion Ratio Lower Upper
59 100
57 2.6 8.1 12.1#

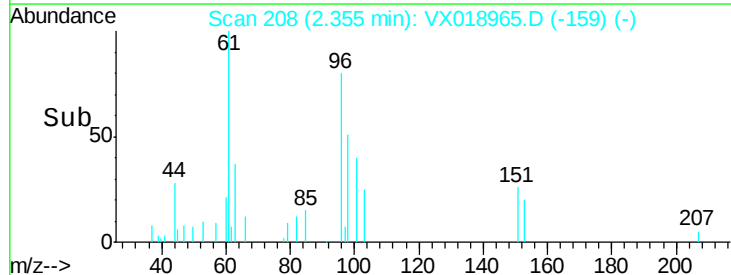
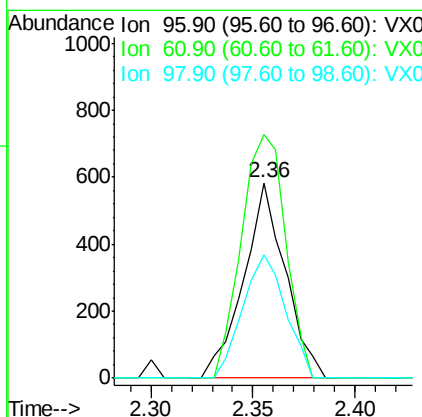
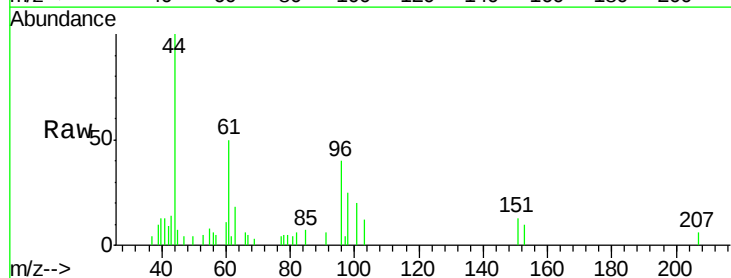
Manual Integrations
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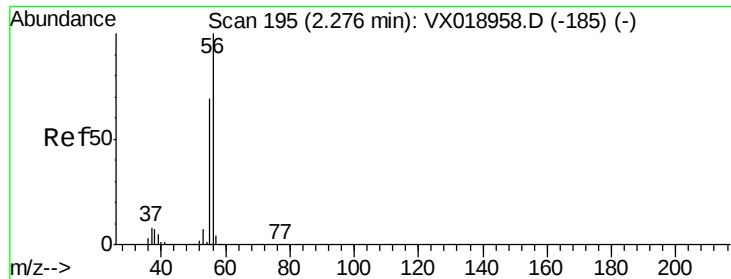
MMDadoda
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#12
1,1-Dichloroethene
Concen: 0.727 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 96 Resp: 830
Ion Ratio Lower Upper
96 100
61 124.7 116.2 174.2
98 63.3 50.9 76.3





#13

Acrolein

Concen: 3.503 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 601

Ion Ratio Lower Upper

56 100

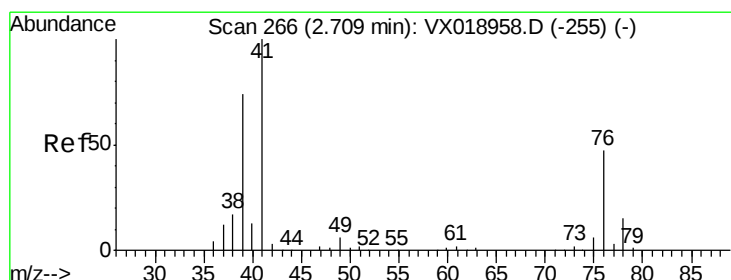
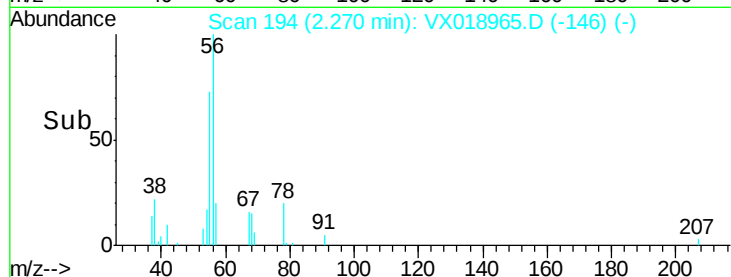
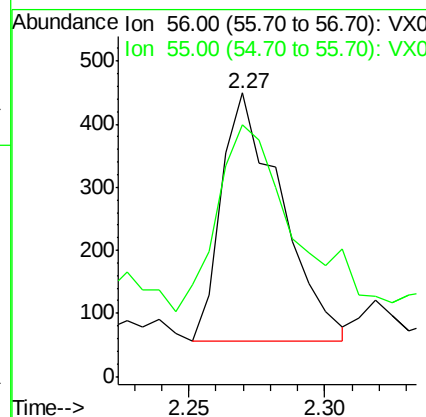
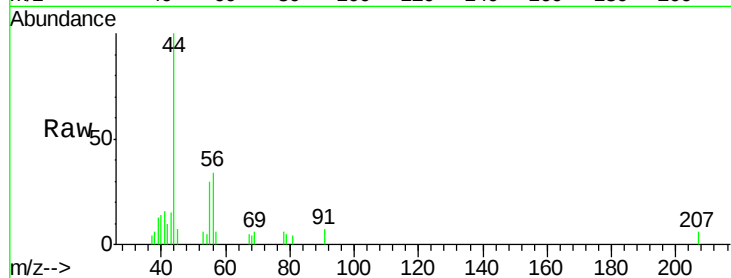
55 101.7 56.2 84.2#

Manual Integrations

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#14

Allyl chloride

Concen: 0.804 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

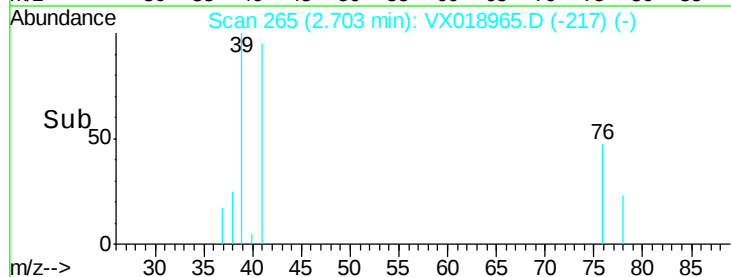
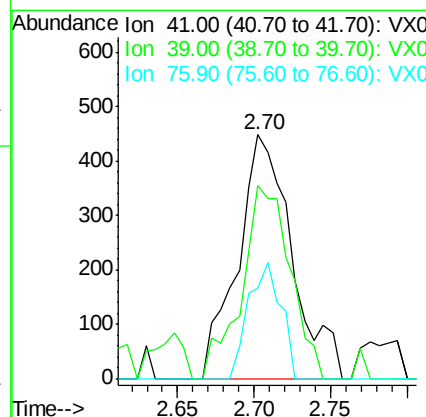
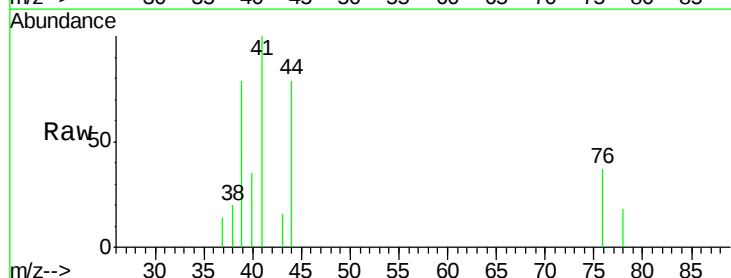
Tgt Ion: 41 Resp: 1107

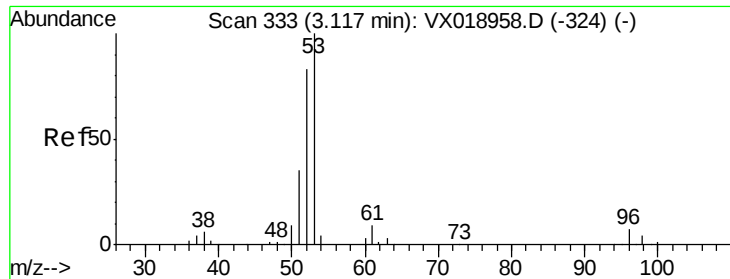
Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

76 28.4 34.1 51.1#





#15

Acrylonitrile

Concen: 3.446 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

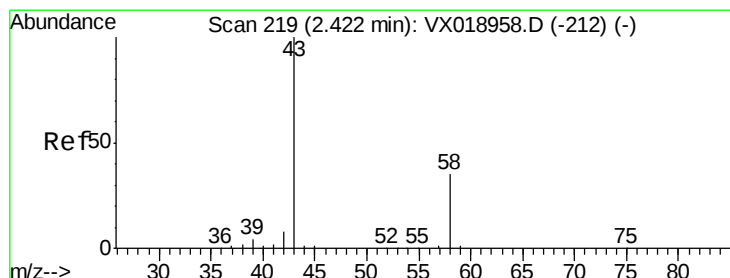
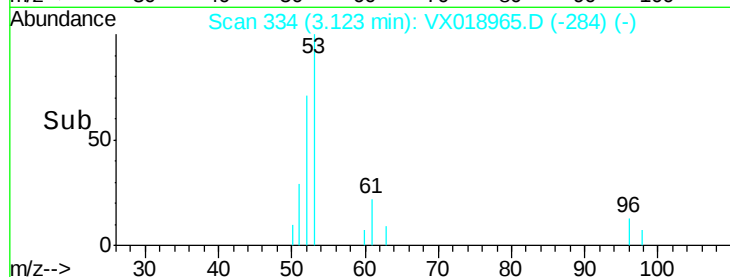
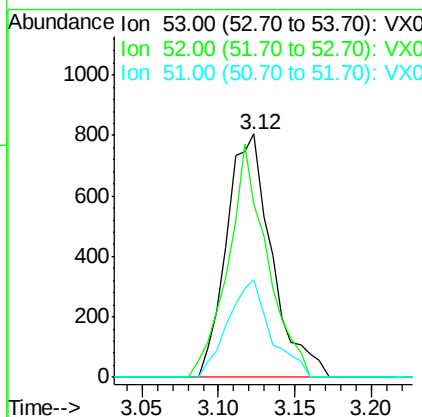
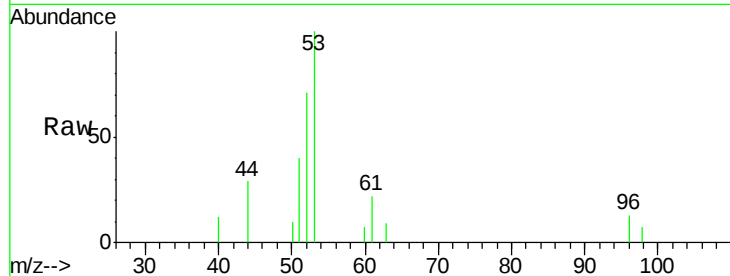
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	53	Resp:	1654
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.3	97.9
51	37.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 3.202 ug/l

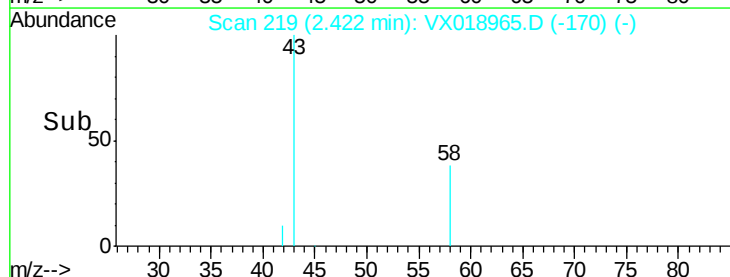
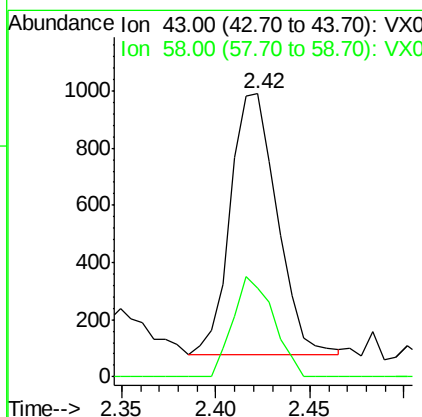
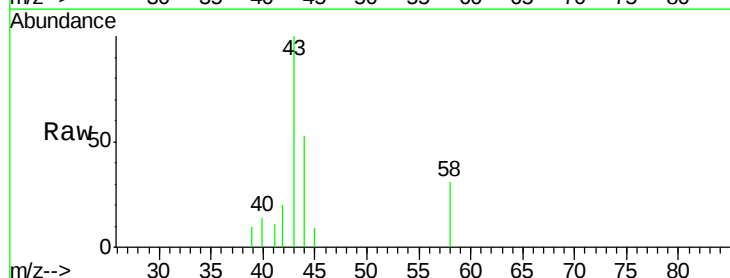
RT: 2.42 min Scan# 219

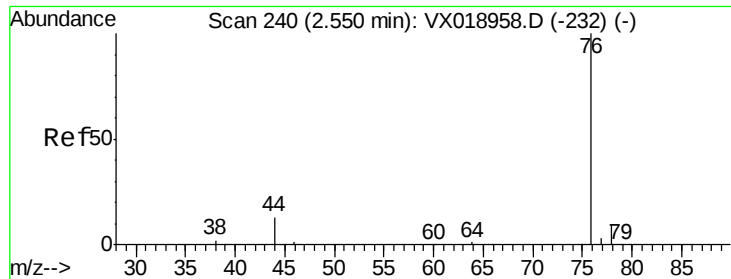
Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	43	Resp:	1574
Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.8	41.8





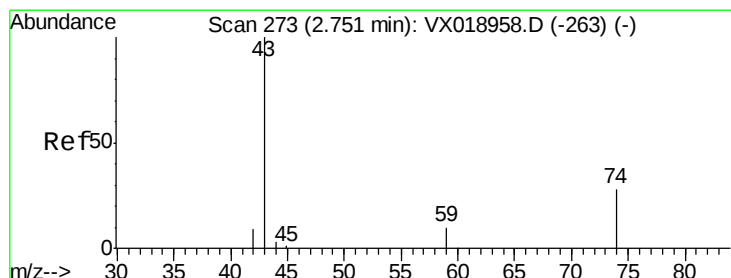
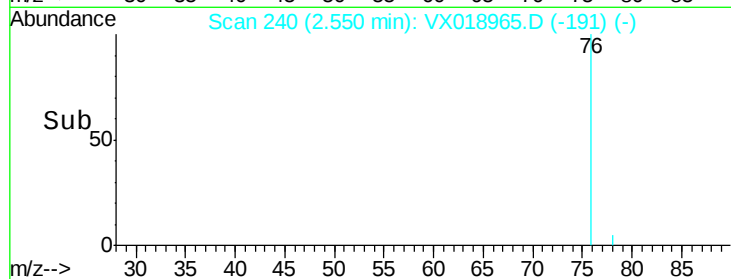
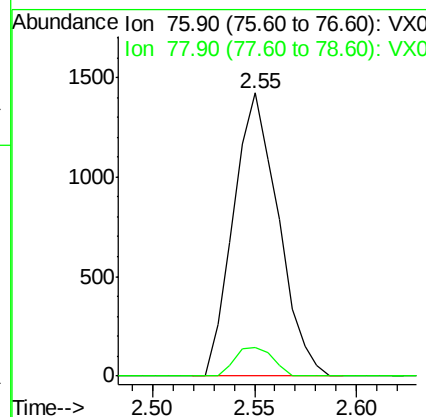
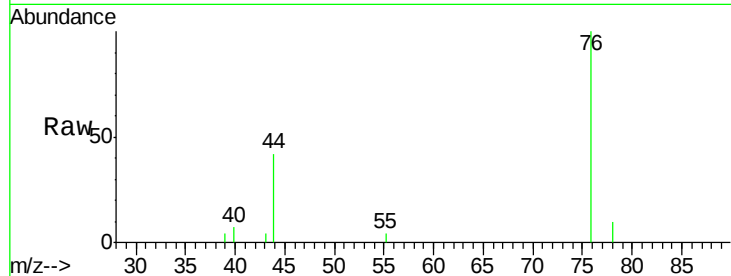
#17
Carbon Disulfide
Concen: 0.836 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 2167
Ion Ratio Lower Upper
76 100
78 10.1 6.9 10.3

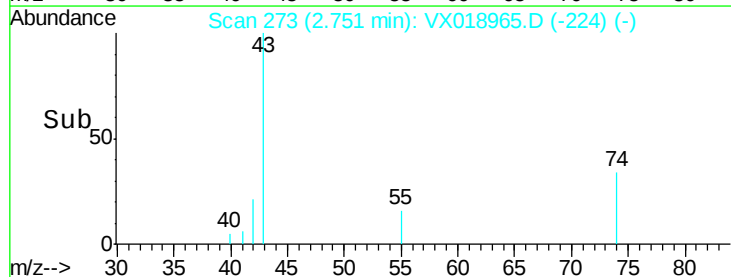
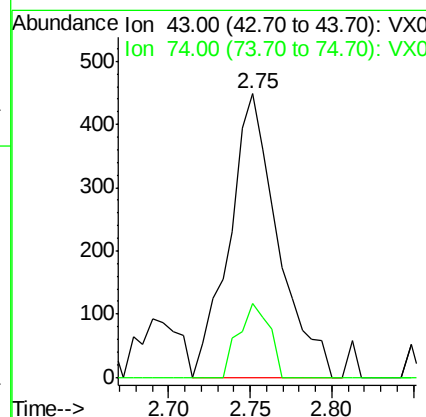
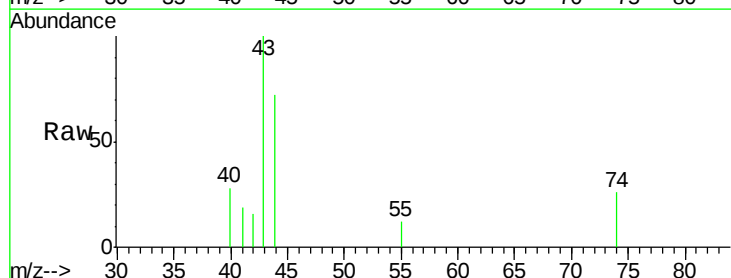
Manual Integrations
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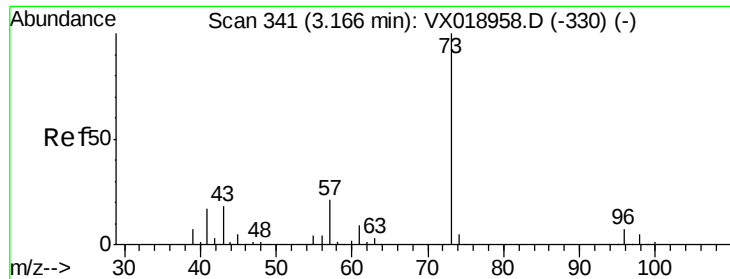
MMDadoda
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#18
Methyl Acetate
Concen: 0.850 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
74 16.8 23.0 34.6#





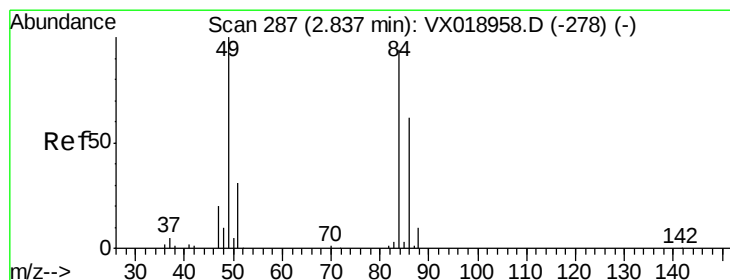
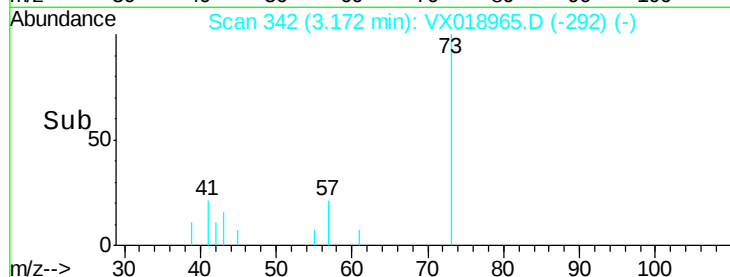
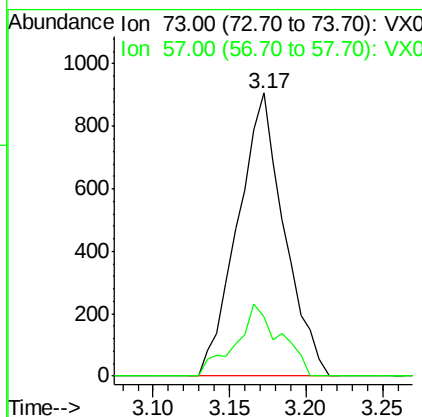
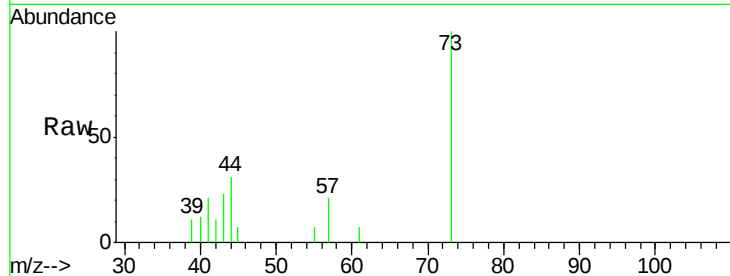
#19
Methyl tert-butyl Ether
Concen: 0.652 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.6	25.0

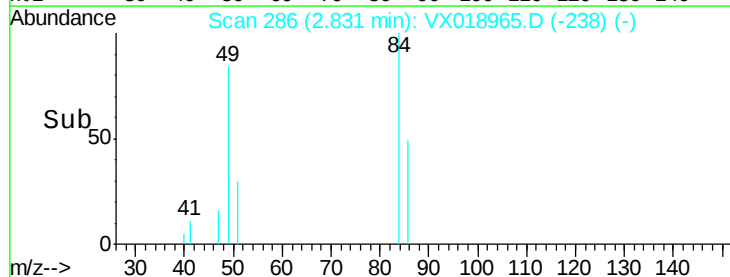
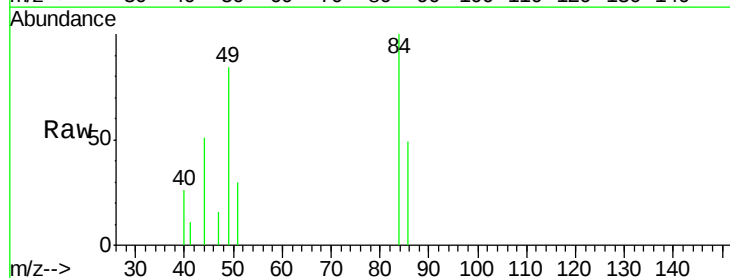
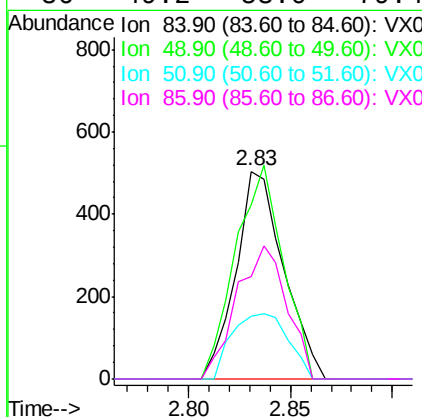
Manual Integrations
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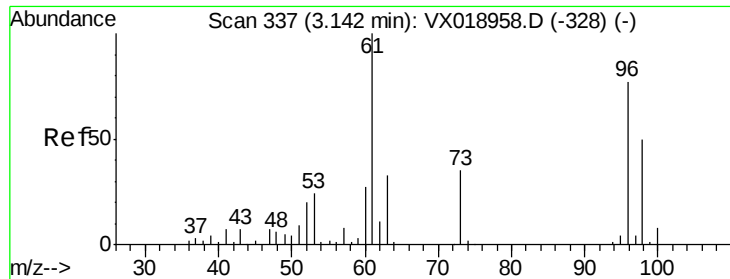
MMDadoda
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#20
Methylene Chloride
Concen: 0.788 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	84.1	85.1	127.7#
51	30.2	26.0	39.0
86	49.2	53.0	79.4#





#21

trans-1,2-Dichloroethene

Concen: 0.737 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 96 Resp: 770

Ion Ratio Lower Upper

96 100

61 148.7 103.4 155.0

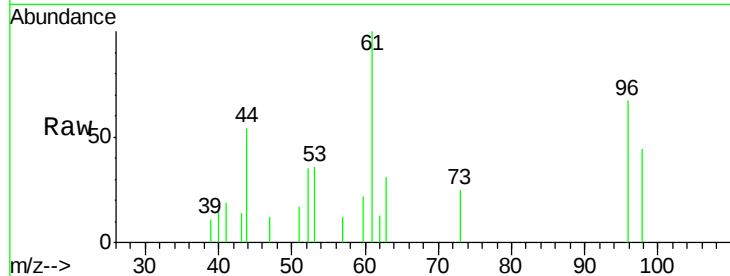
98 65.1 51.7 77.5

Manual Integrations

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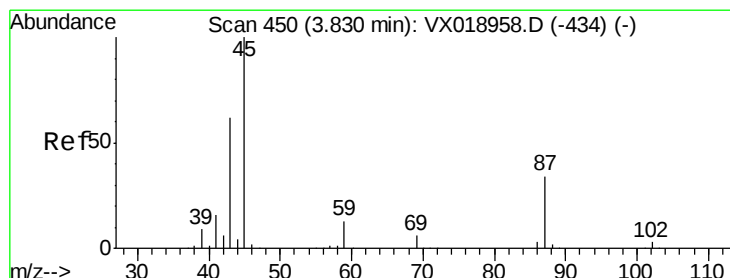
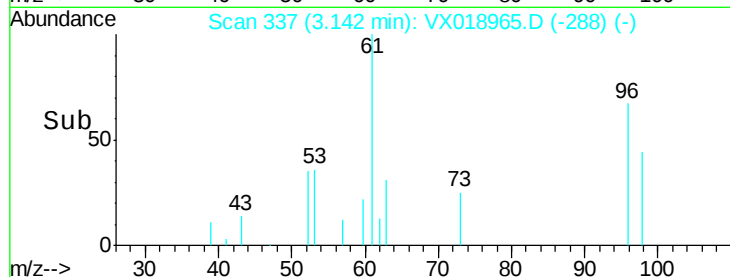
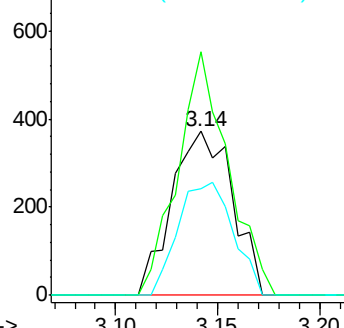
10/20/2020 4:52:36 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.674 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion: 45 Resp: 1716

Ion Ratio Lower Upper

45 100

43 78.0 49.7 74.5#

87 25.5 27.4 41.2#

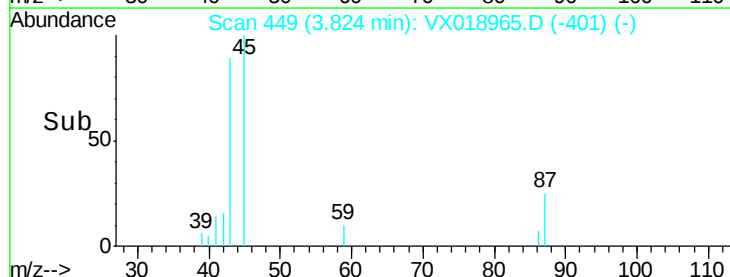
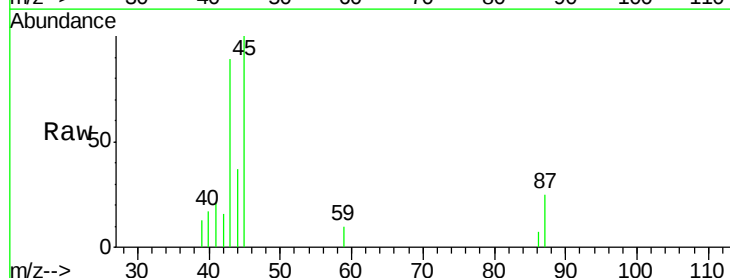
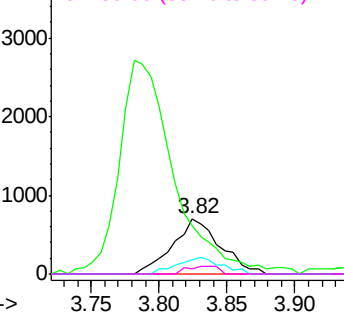
59 10.2 10.1 15.1

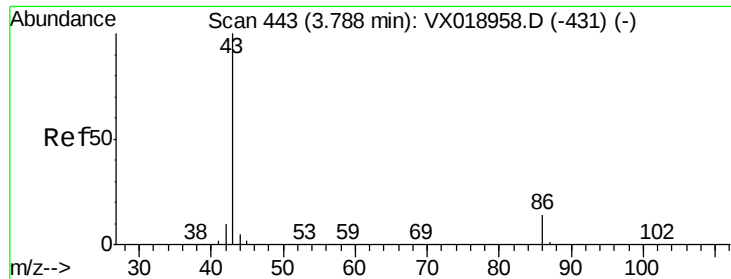
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





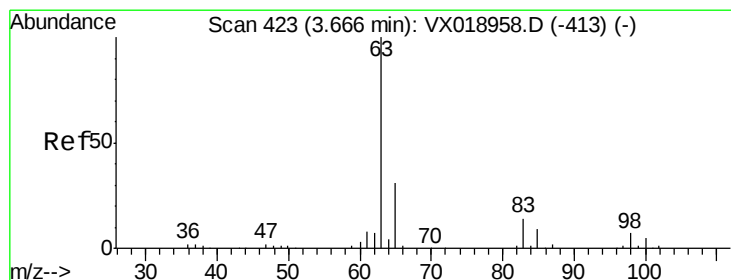
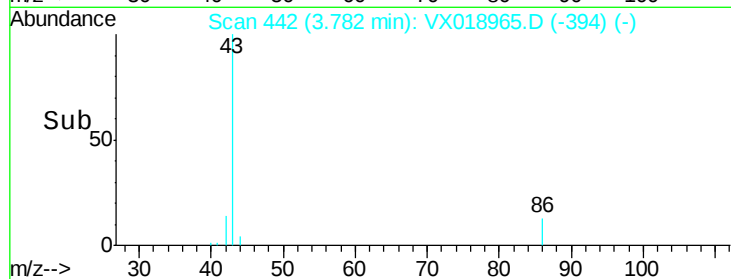
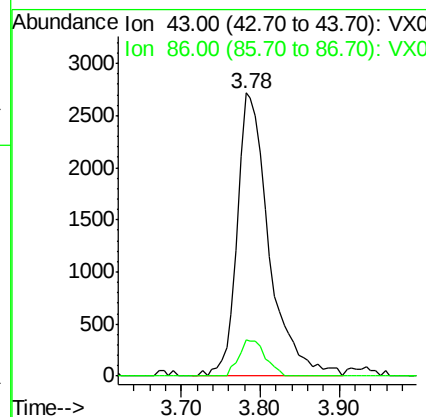
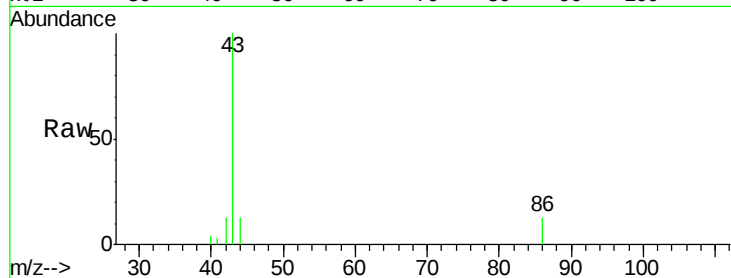
#23
 Vinyl Acetate
 Concen: 3.123 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	43	Resp	7678
Ion Ratio	100	Lower	Upper
43	100		
86	12.7	10.9	16.3

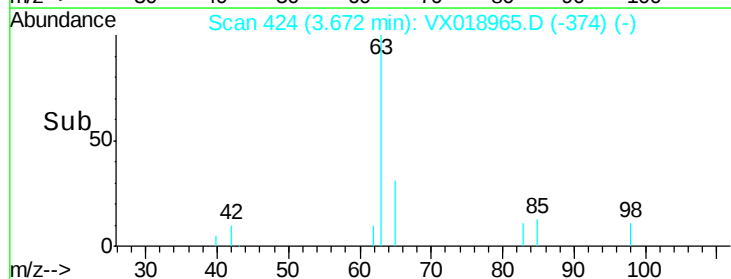
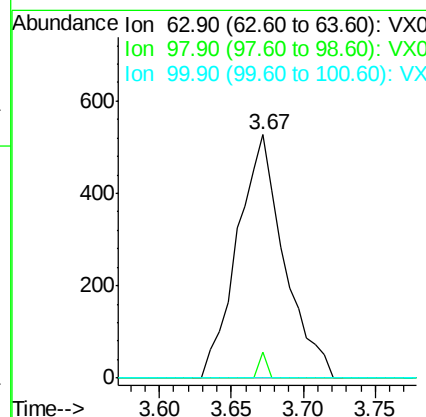
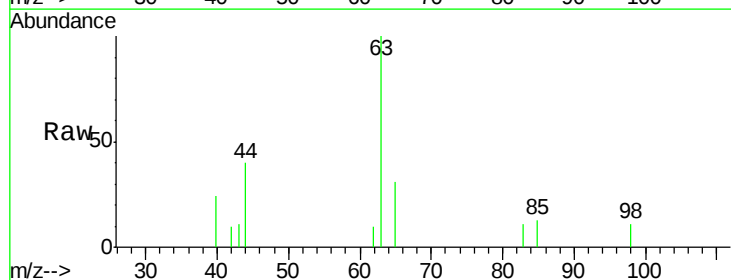
Manual Integrations
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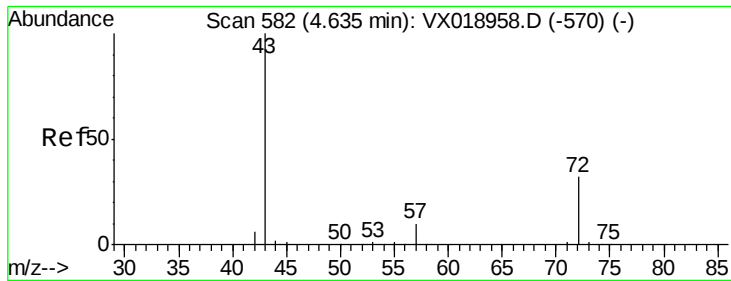
MMDadoda
 10/20/2020 4:52:36 PM



#24
 1,1-Dichloroethane
 Concen: 0.681 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	63	Resp	1189
Ion Ratio	100	Lower	Upper
63	100		
98	10.6	3.6	10.9
100	0.0	2.4	7.1#





#25

2-Butanone

Concen: 3.657 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 2586

Ion Ratio Lower Upper

43 100

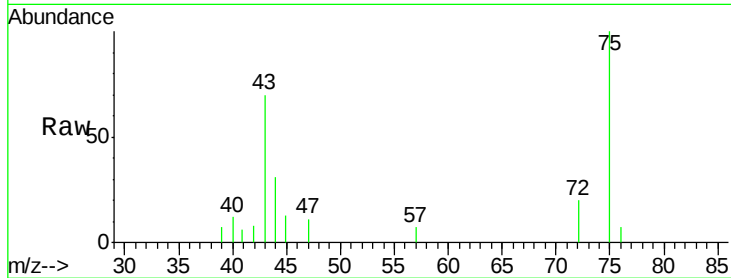
72 28.5 25.8 38.6

Manual Integrations

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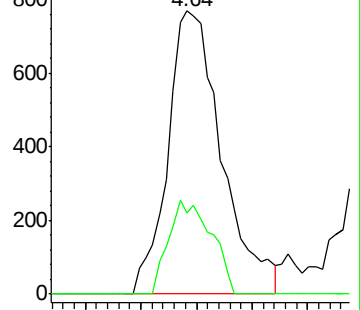
MMDadoda

10/20/2020 4:52:36 PM

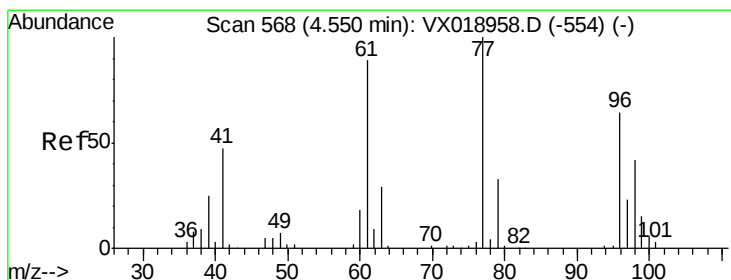
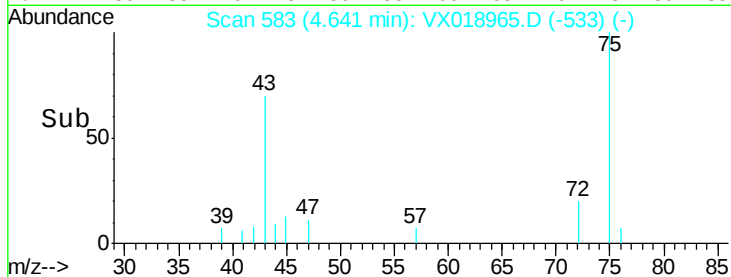


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 0.625 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018965.D

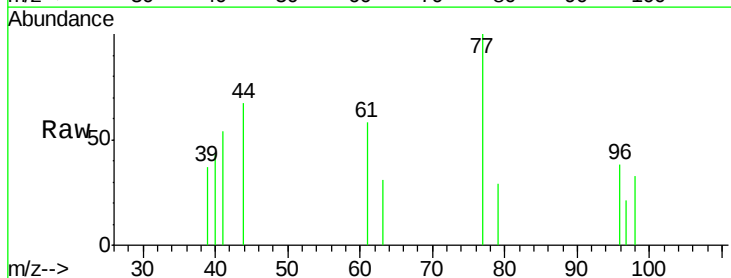
Acq: 19 Oct 2020 21:01

Tgt Ion: 77 Resp: 1021

Ion Ratio Lower Upper

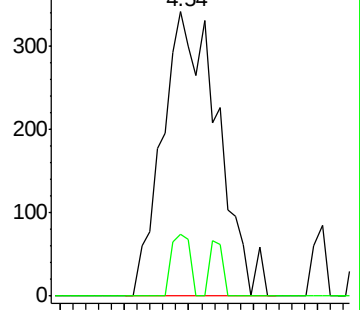
77 100

97 7.3 11.6 34.8#

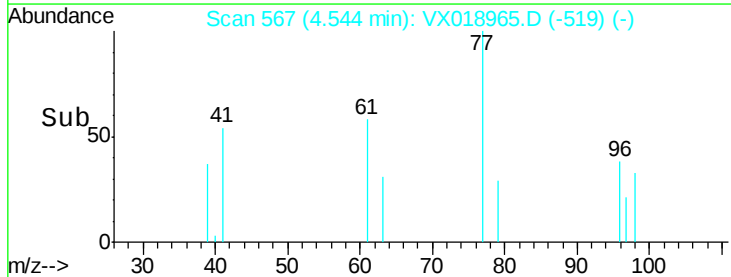


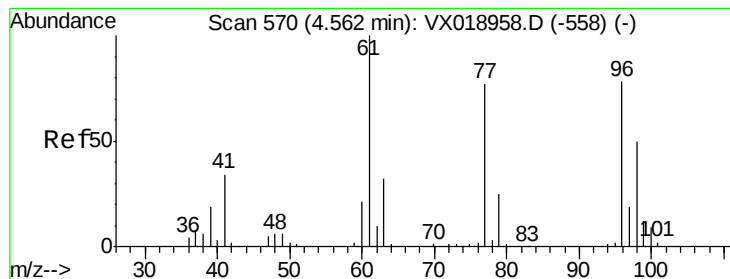
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

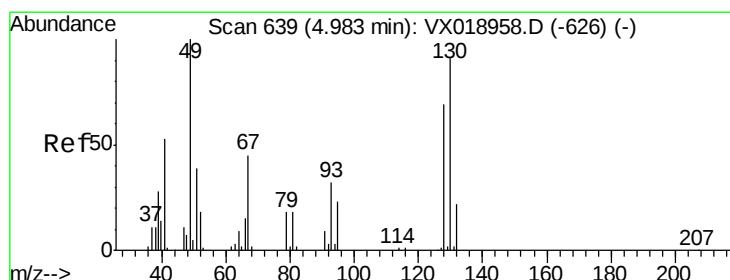
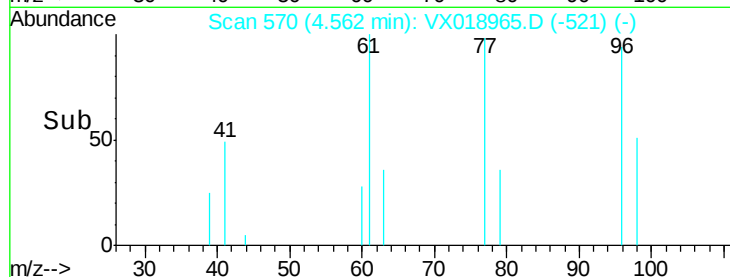
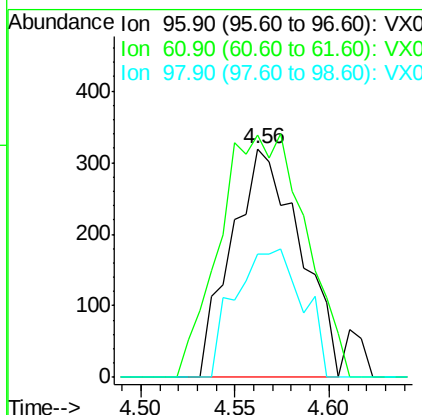
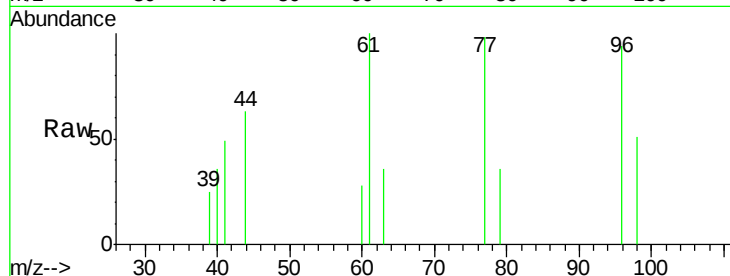
cis-1,2-Dichloroethene
Concen: 0.662 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	265.2
98	55.5	0.0	128.4

Manual Integrations
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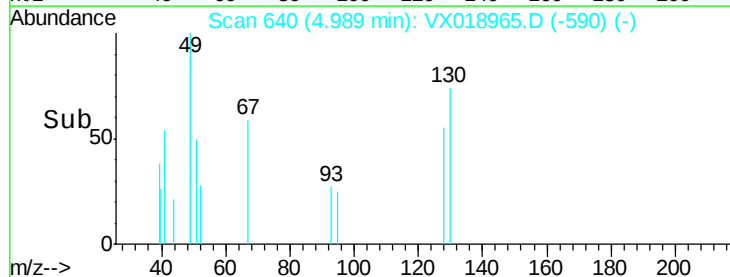
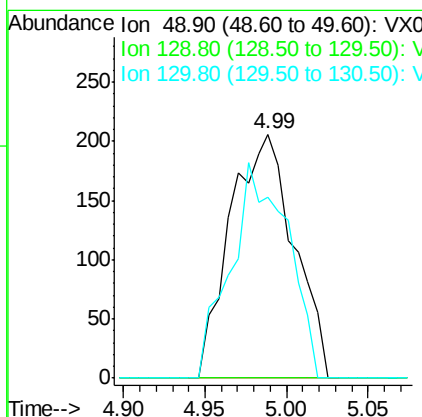
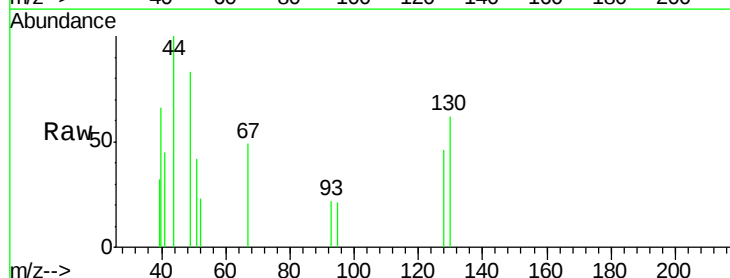
MMDadoda
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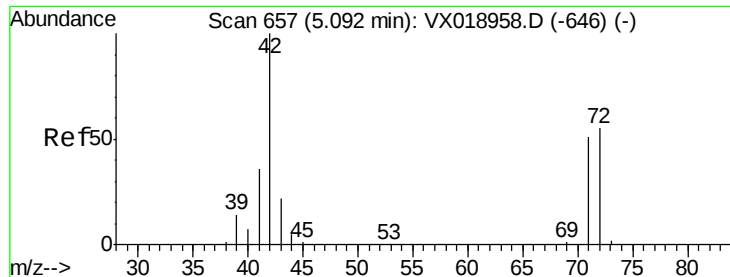


#28

Bromochloromethane
Concen: 0.763 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	78.8	72.0	108.0





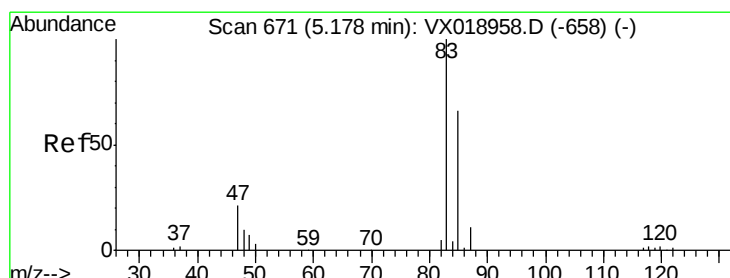
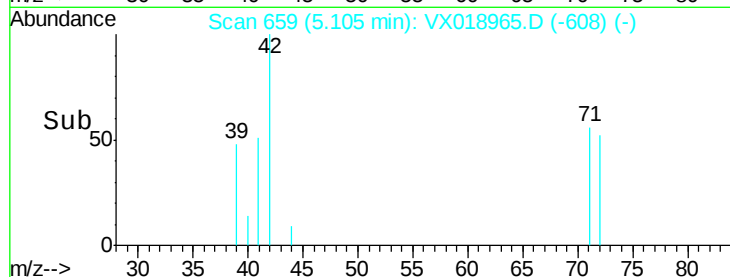
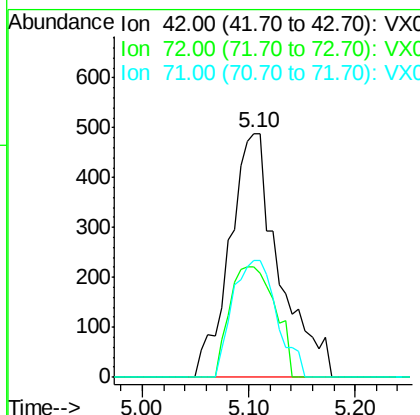
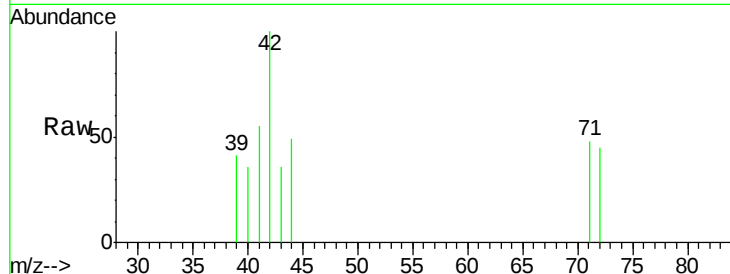
#29
Tetrahydrofuran
Concen: 3.797 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	44.9	67.3#
71	43.5	41.0	61.6

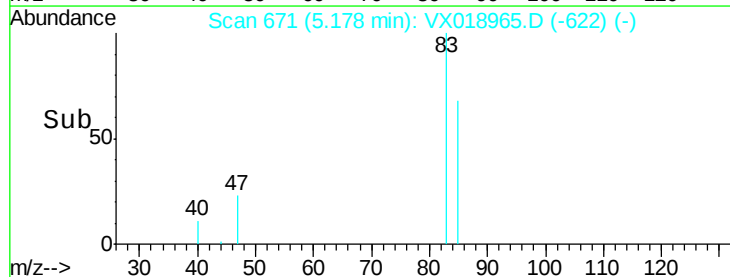
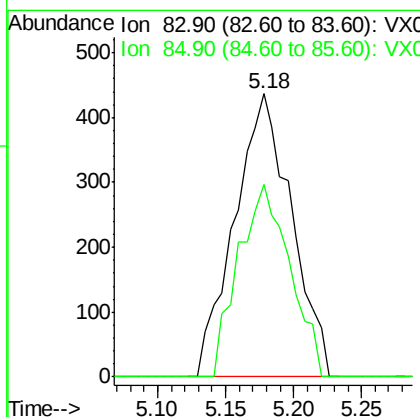
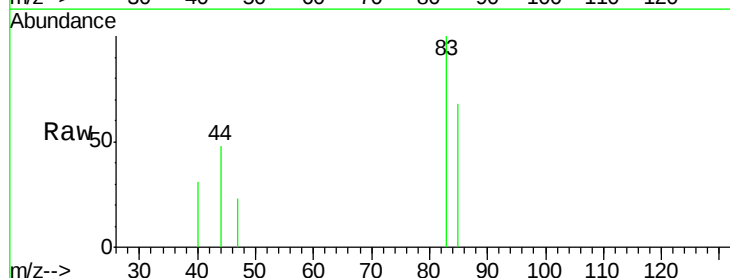
Manual Integrations
APPROVED

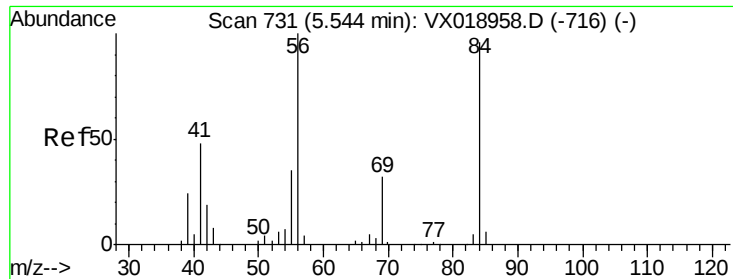
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#30
Chloroform
Concen: 0.676 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.6	78.8





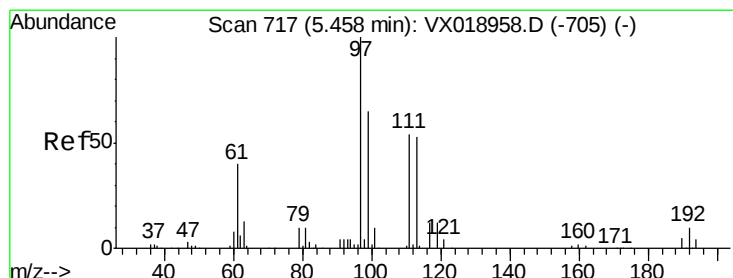
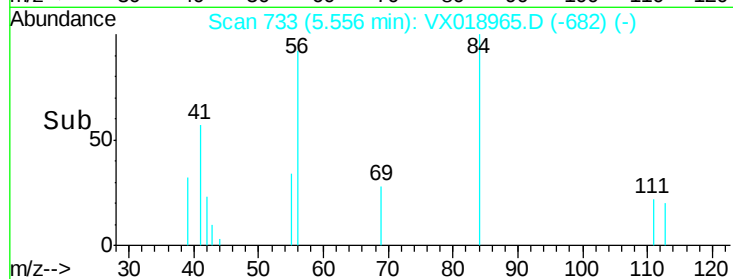
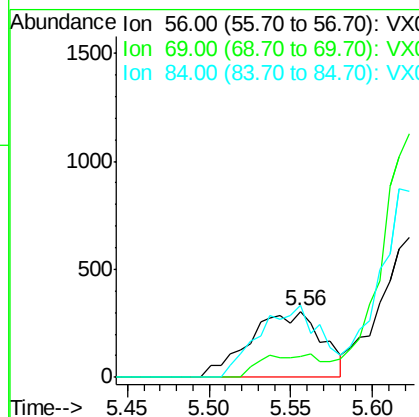
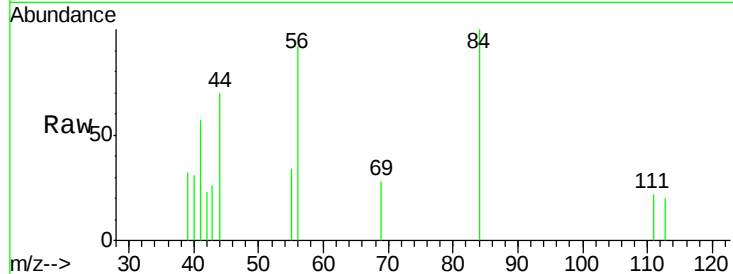
#31
Cyclohexane
Concen: 0.677 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 934
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 108.9 75.4 113.0

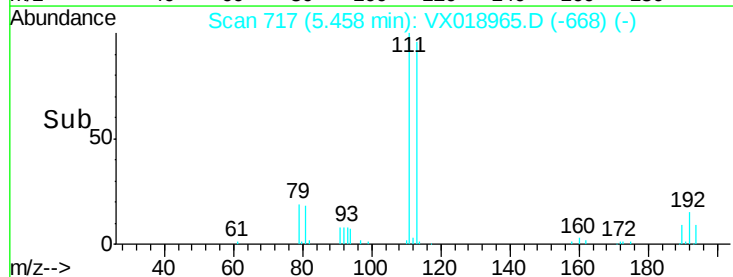
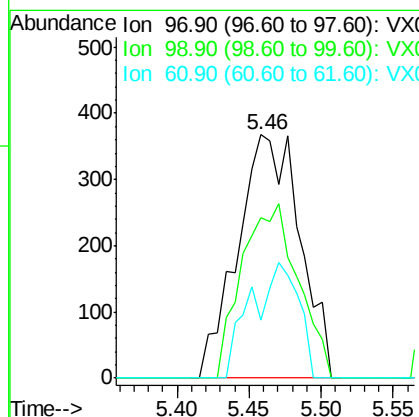
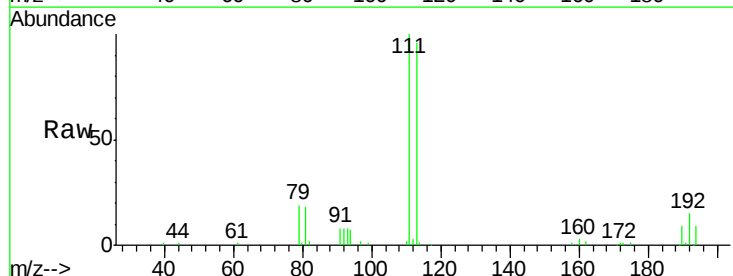
Manual Integrations
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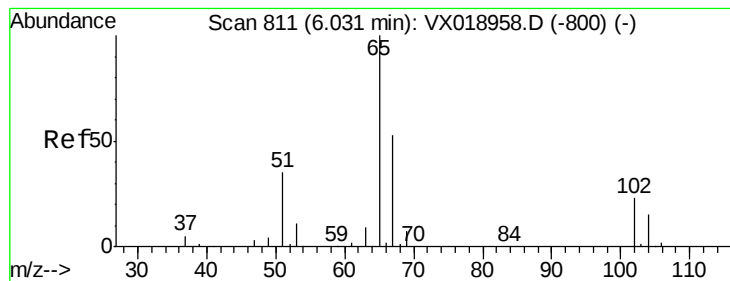
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#32
1,1,1-Trichloroethane
Concen: 0.649 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 97 Resp: 1106
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 36.3 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 54.269 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tot Ion: 65 Resp: 60732

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6

Instrument :

MSVOA_X

ClientSampleId :

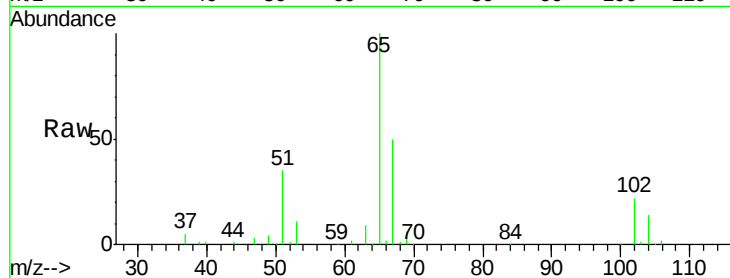
LOD-MDL-WATER-01-QT4-2020

Manual Integrations

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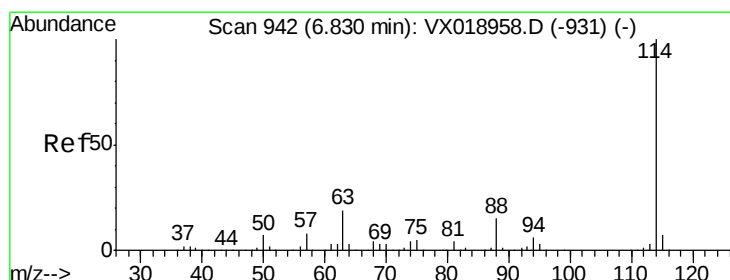
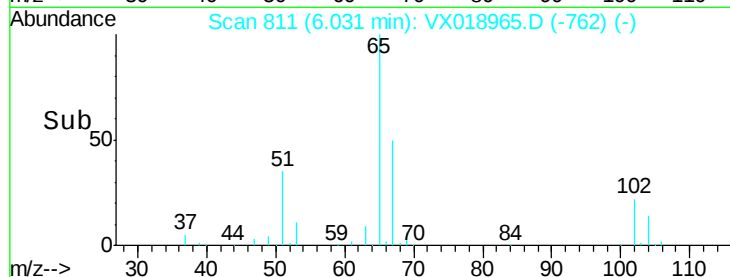
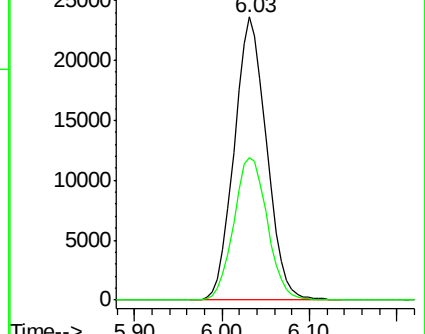
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

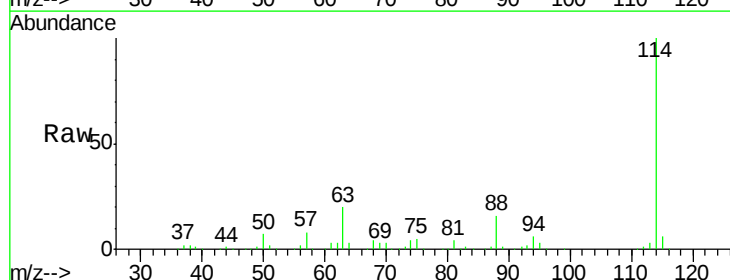
Tgt Ion:114 Resp: 161815

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

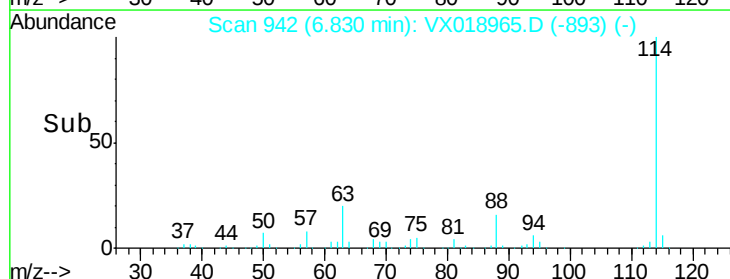
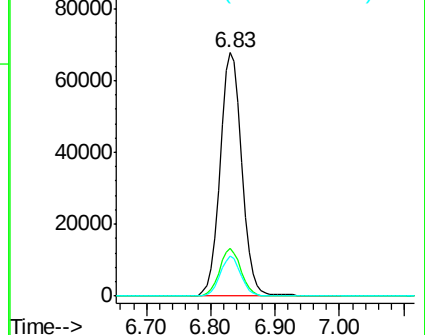
88 16.3 0.0 30.8

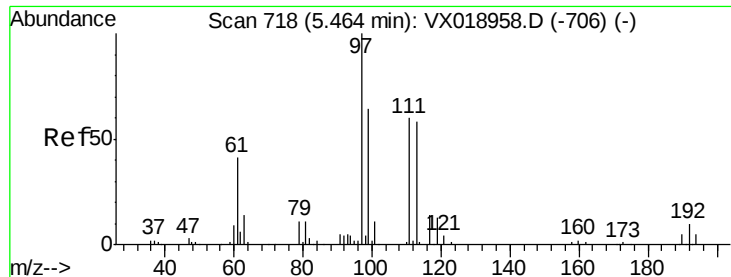


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.728 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

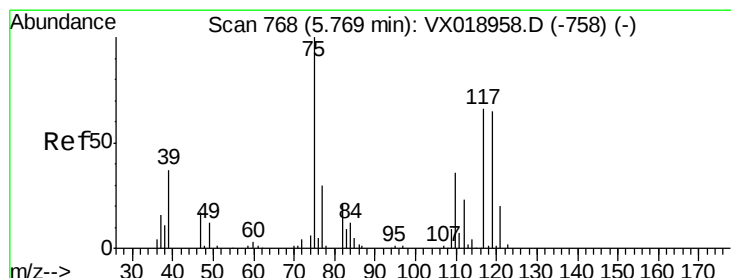
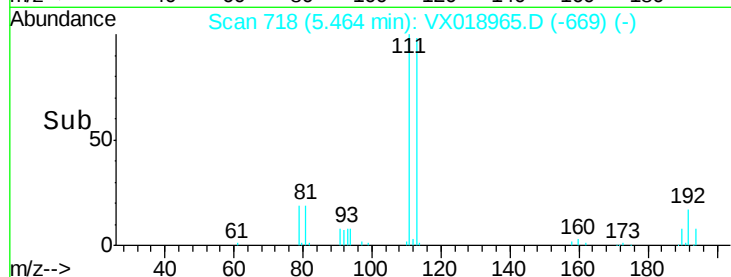
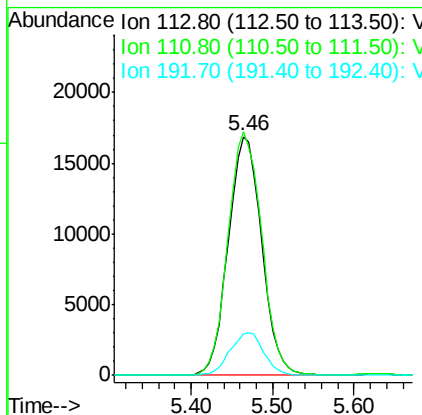
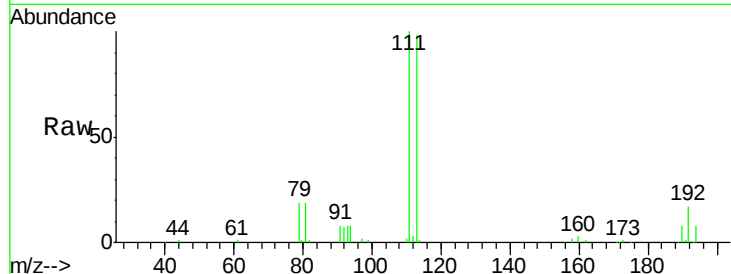
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	113	Resp:	47832
Ion Ratio	Lower	Upper	
113	100		
111	103.2	80.8	121.2
192	18.0	14.5	21.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 0.708 ug/l

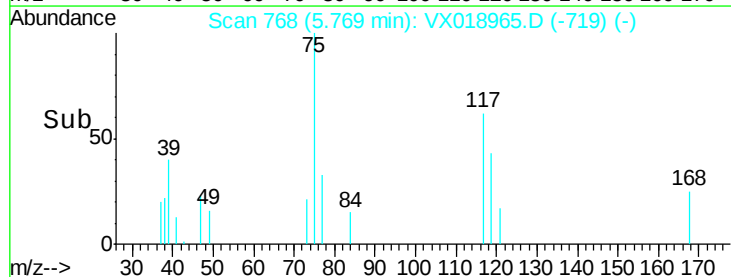
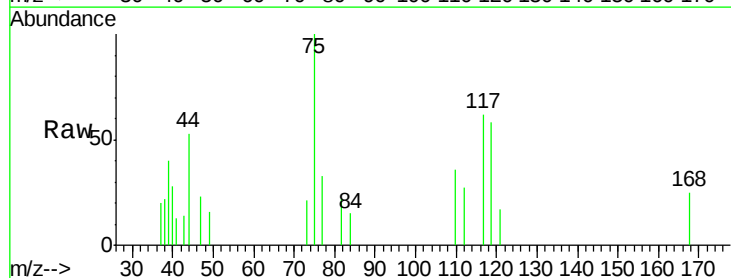
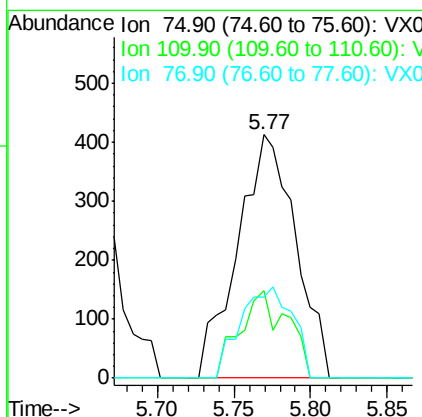
RT: 5.77 min Scan# 768

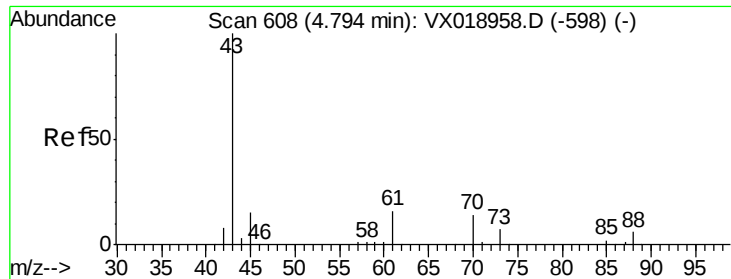
Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	75	Resp:	1089
Ion Ratio	Lower	Upper	
75	100		
110	29.2	18.3	54.8
77	33.6	25.0	37.4





#37

Ethyl Acetate

Concen: 0.753 ug/l

RT: 4.81 min Scan# 610

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

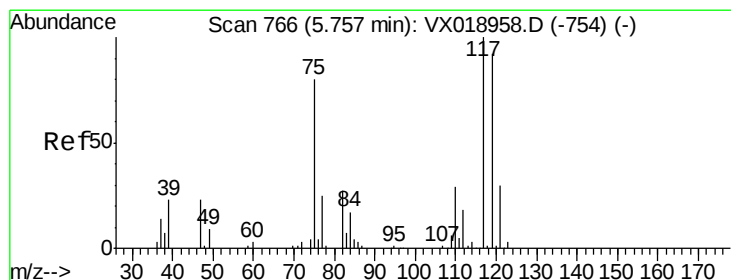
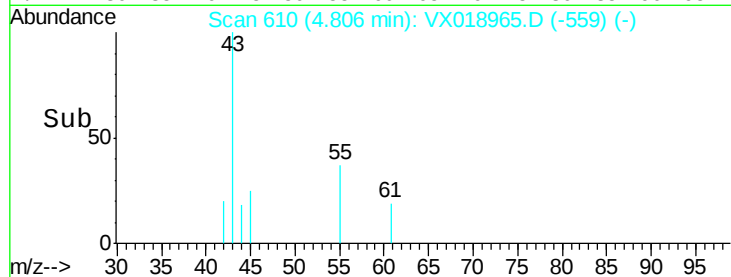
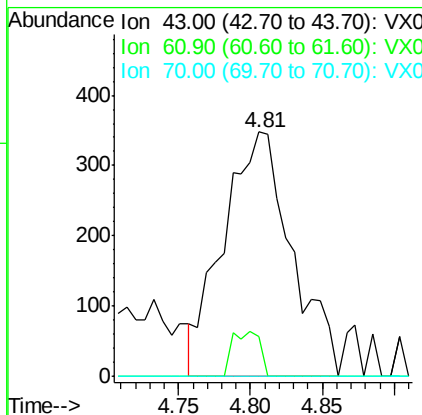
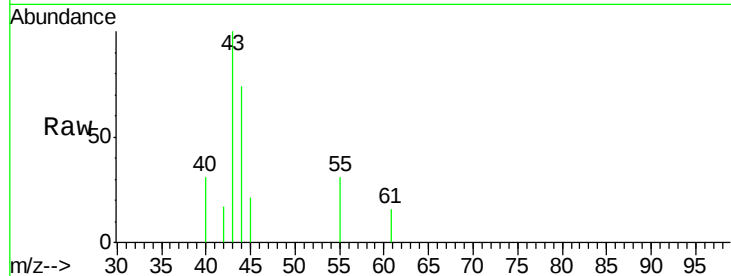
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	43	Resp:	1144
Ion	Ratio	Lower	Upper
43	100		
61	7.5	12.7	19.1#
70	0.0	10.6	15.8#

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 0.641 ug/l

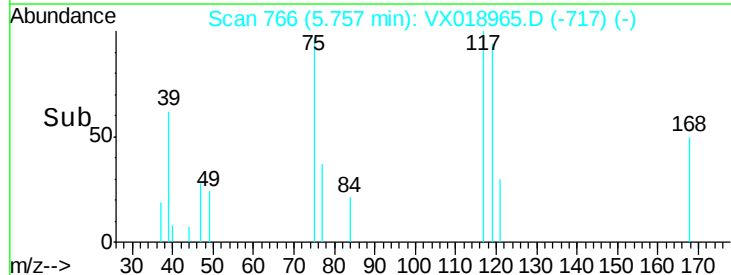
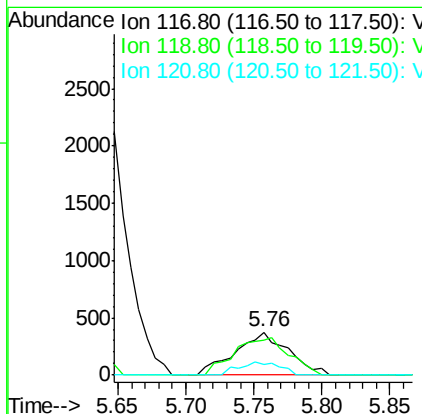
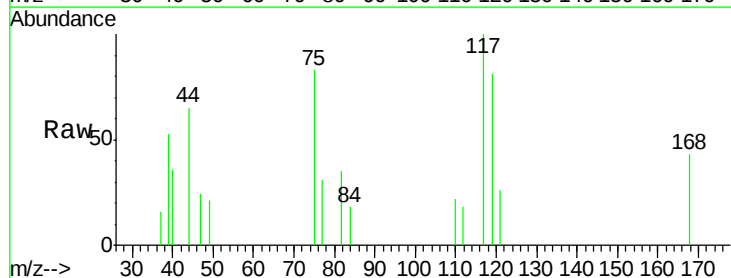
RT: 5.76 min Scan# 766

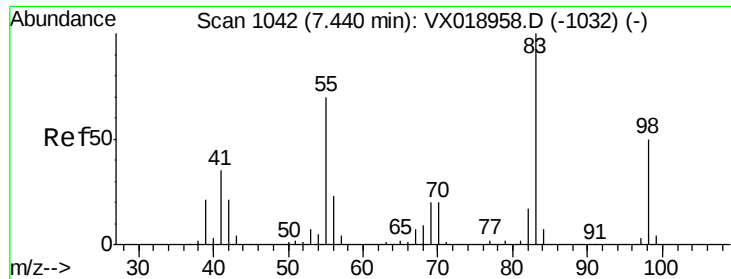
Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	117	Resp:	1017
Ion	Ratio	Lower	Upper
117	100		
119	80.8	73.2	109.8
121	25.9	23.5	35.3





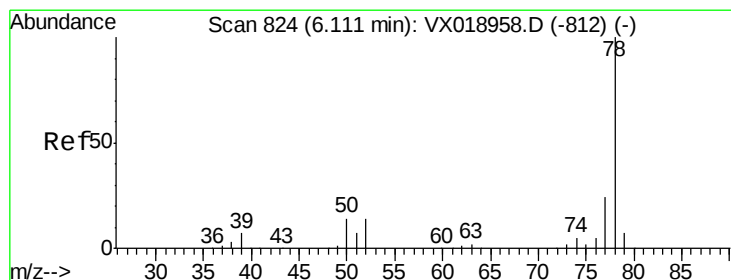
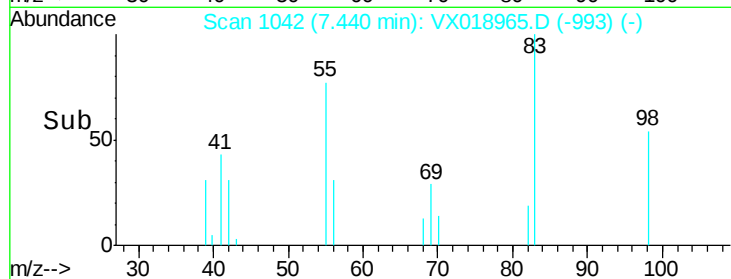
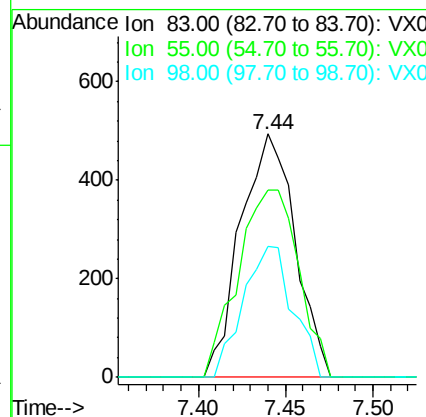
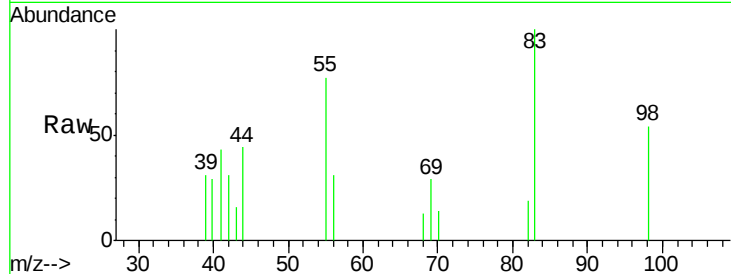
#39
Methvlcvclohexane
Concen: 0.646 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	56.3	84.5
98	53.8	39.8	59.6

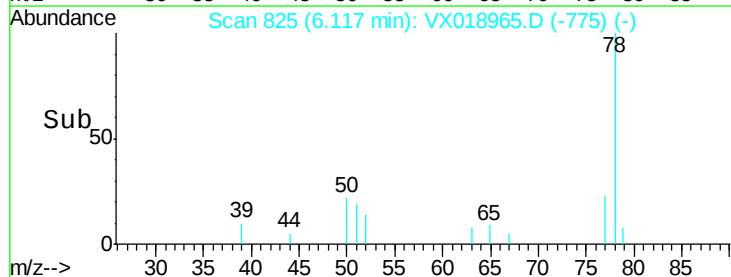
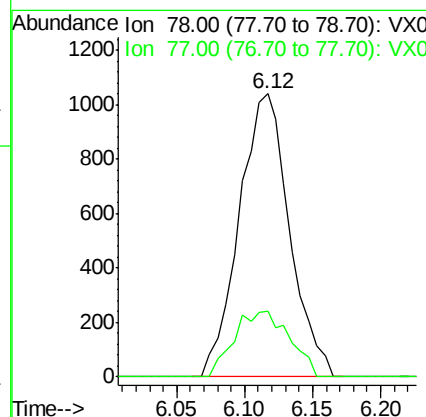
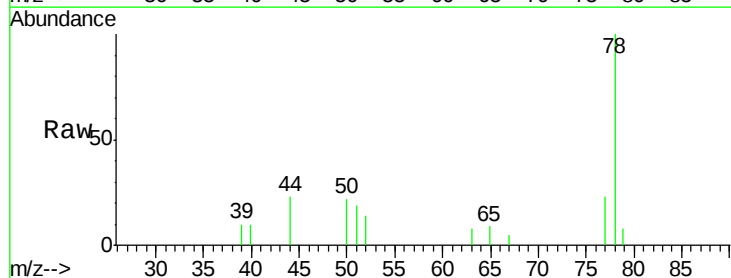
Manual Integrations
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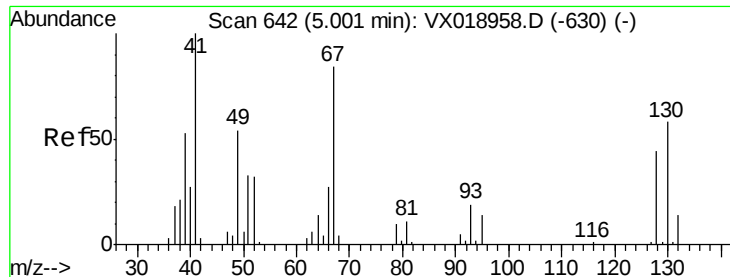
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#40
Benzene
Concen: 0.607 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 0.842 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

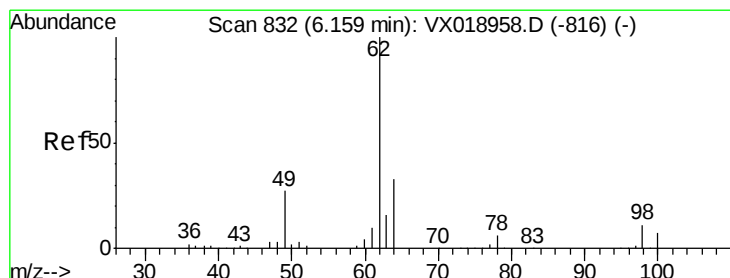
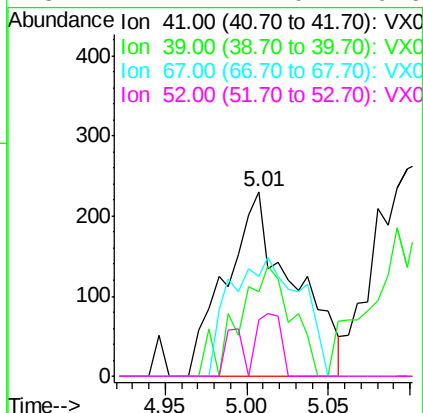
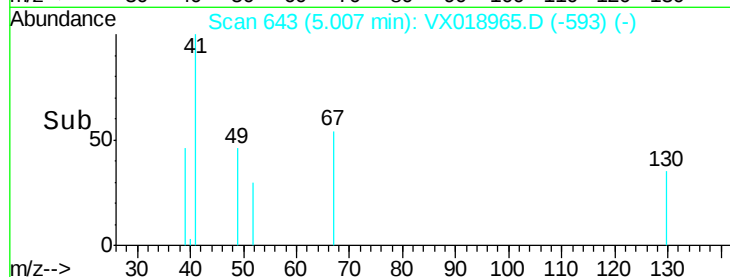
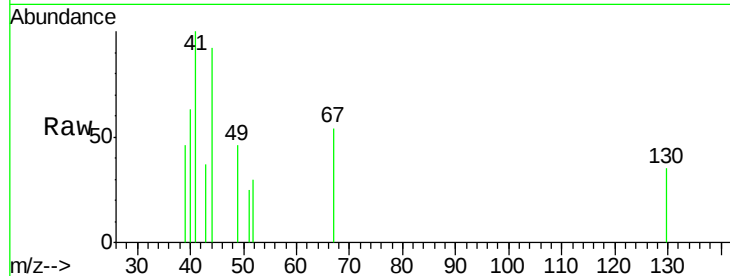
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	41	Resp:	662
Ion	Ratio	Lower	Upper
41	100		
39	47.7	43.7	65.5
67	68.1	70.9	106.3#
52	12.4	27.0	40.6#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 0.664 ug/l

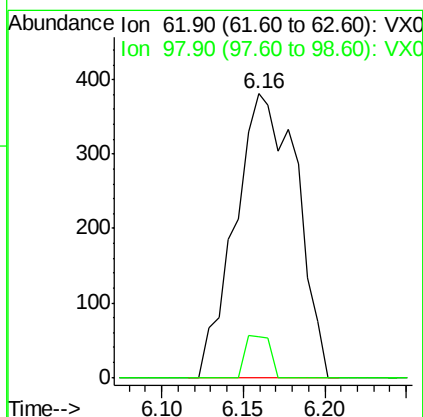
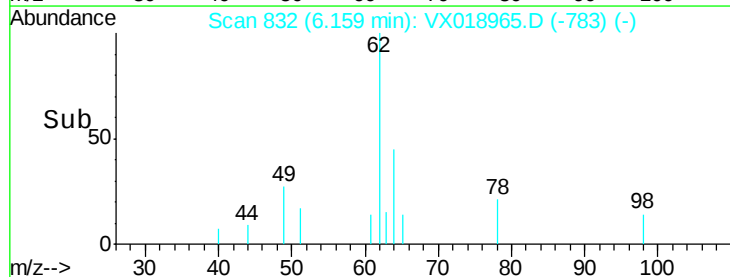
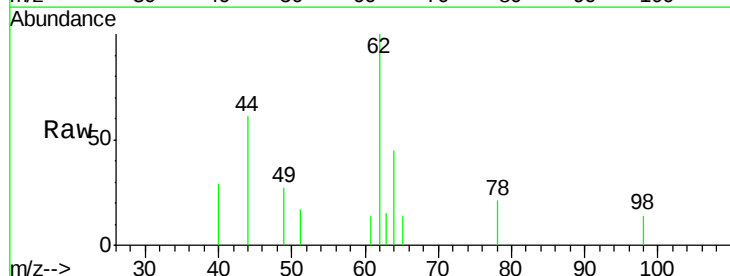
RT: 6.16 min Scan# 832

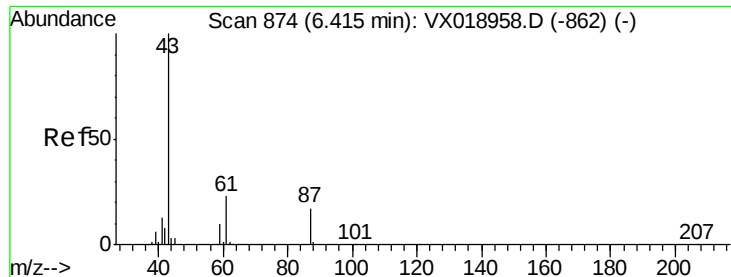
Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	62	Resp:	1008
Ion	Ratio	Lower	Upper
62	100		
98	6.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 0.703 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

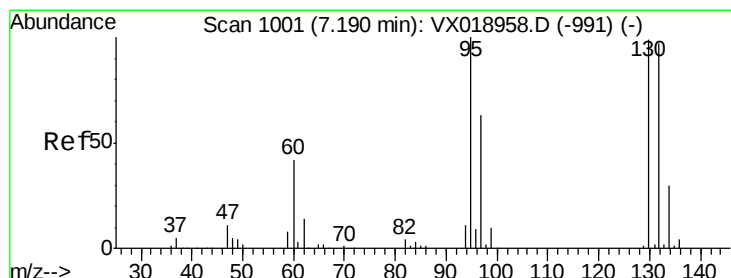
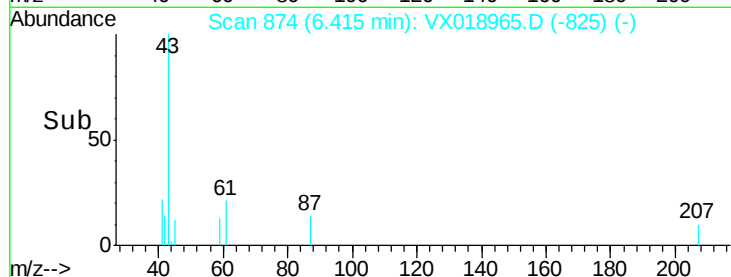
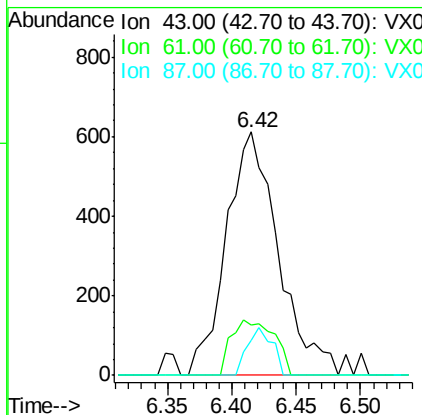
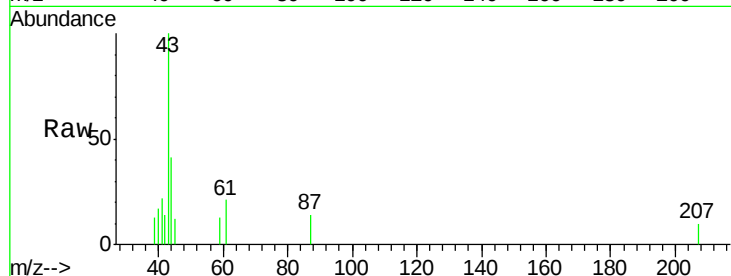
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	43	Resp:	1723
Ion	Ratio	Lower	Upper
43	100		
61	18.7	18.3	27.5
87	9.2	13.4	20.2#

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#44

Trichloroethene

Concen: 0.643 ug/l

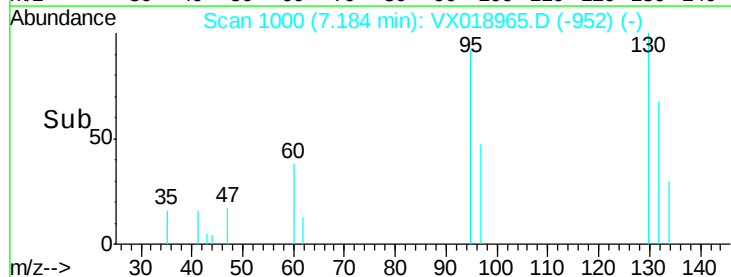
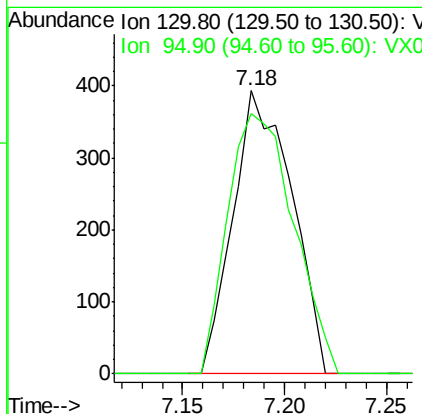
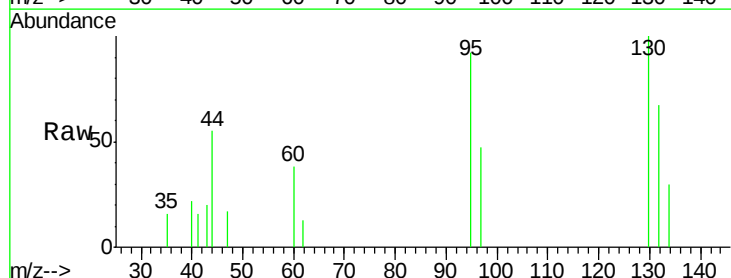
RT: 7.18 min Scan# 1000

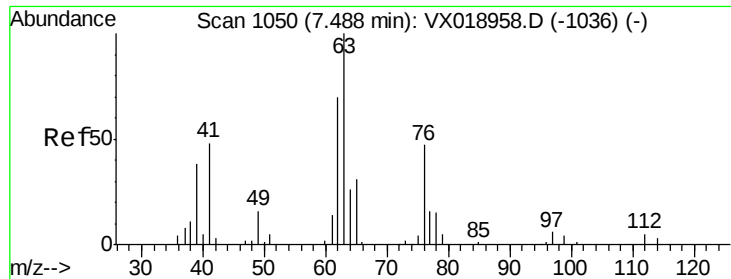
Delta R.T. -0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	130	Resp:	786
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	201.0





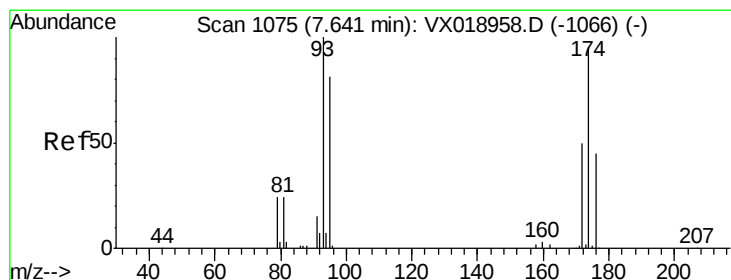
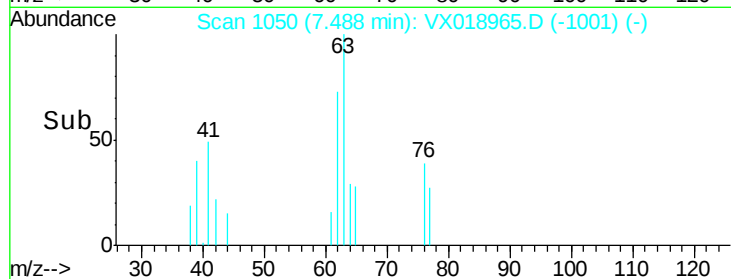
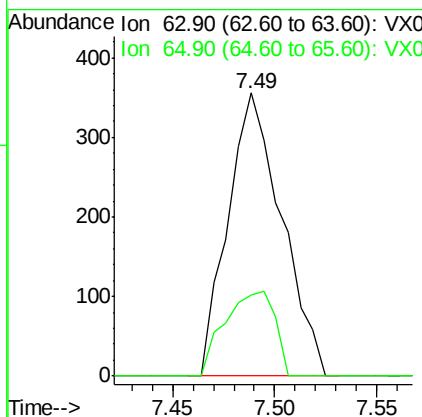
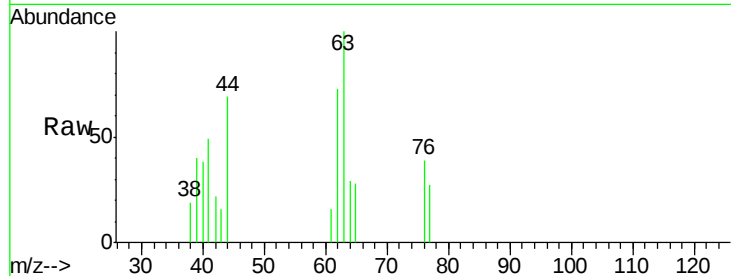
#45
 1,2-Dichloropropane
 Concen: 0.592 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 63 Resp: 648
 Ion Ratio Lower Upper
 63 100
 65 28.4 25.0 37.6

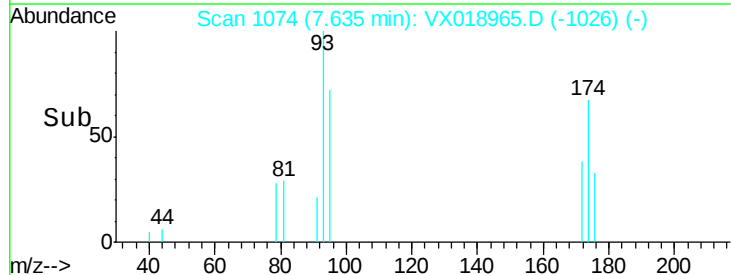
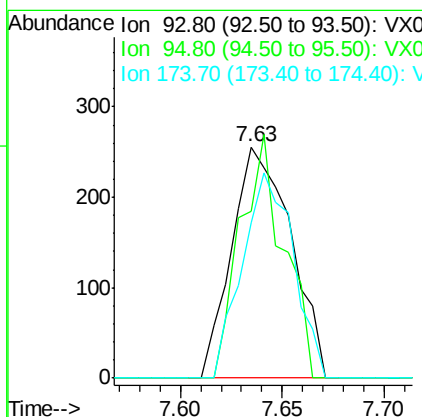
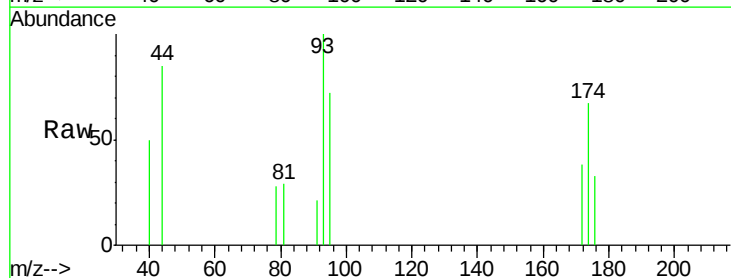
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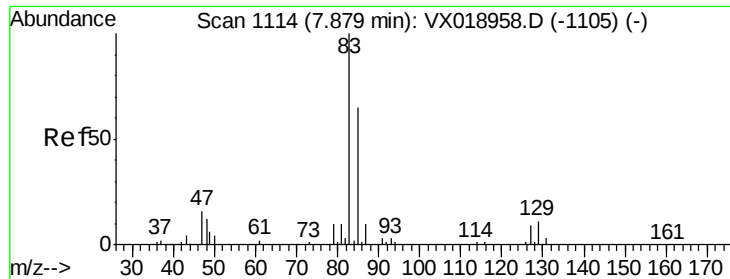
MMDadoda
 10/20/2020 4:52:36 PM



#46
 Dibromomethane
 Concen: 0.658 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion: 93 Resp: 515
 Ion Ratio Lower Upper
 93 100
 95 77.1 66.6 100.0
 174 76.7 73.8 110.8





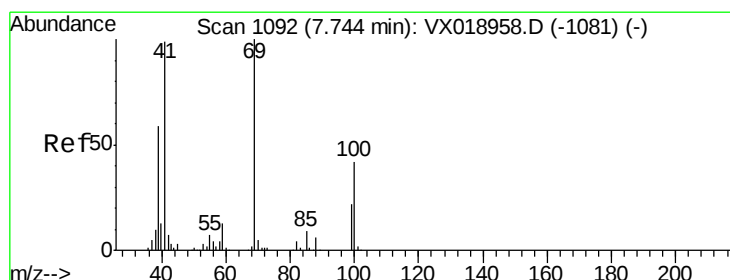
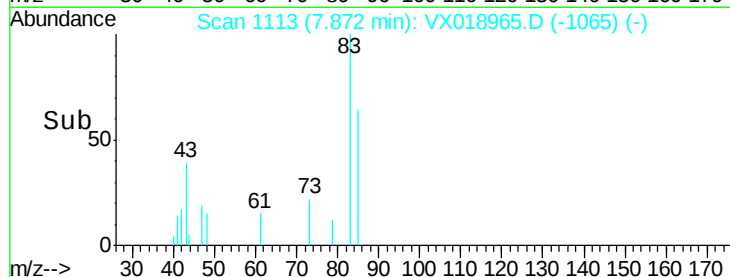
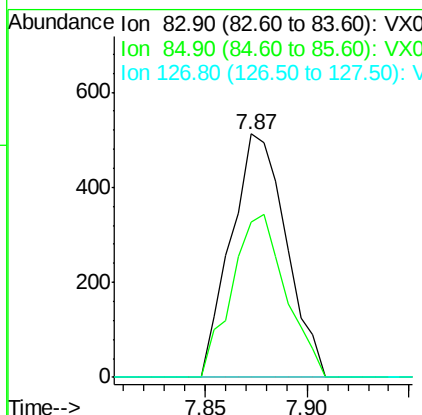
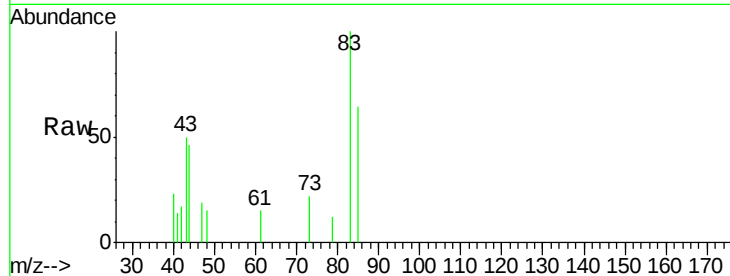
#47
 Bromodichloromethane
 Concen: 0.609 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6
127	0.0	7.3	10.9#

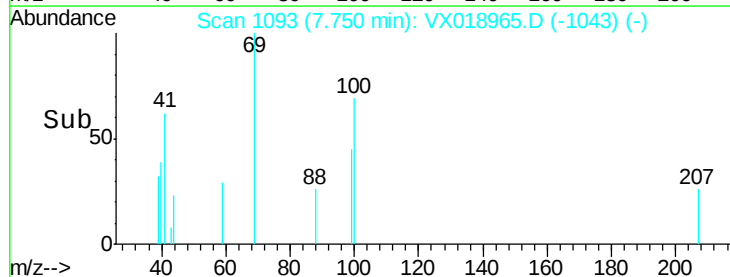
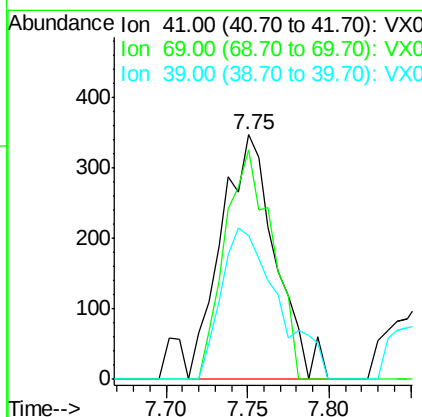
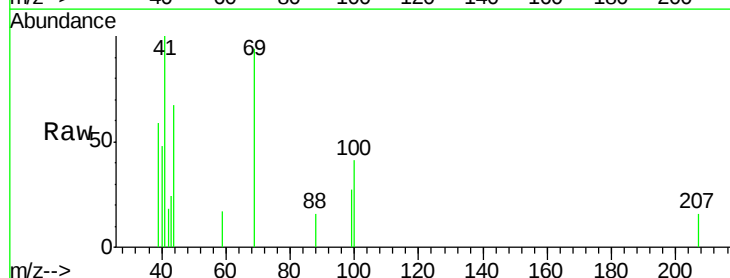
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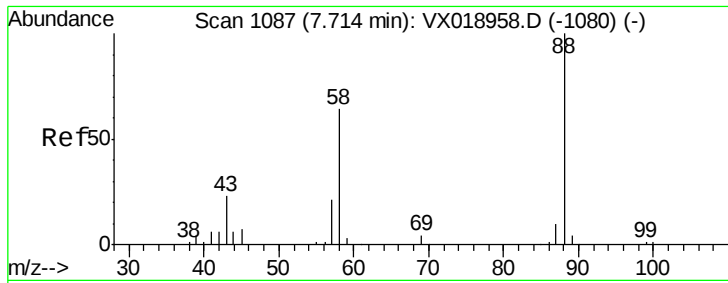
MMDadoda
 10/20/2020 4:52:36 PM



#48
 Methyl methacrylate
 Concen: 0.707 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.9	82.4	123.6#
39	64.9	48.1	72.1





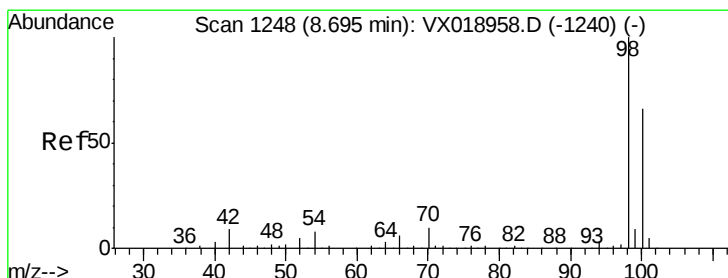
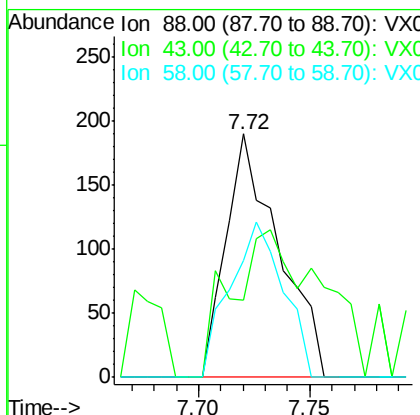
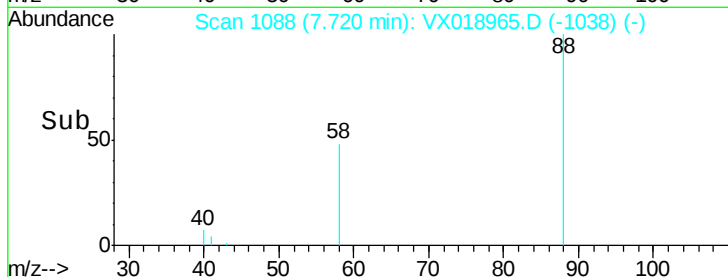
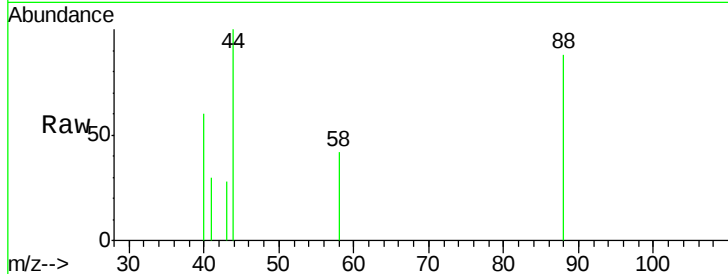
#49
1,4-Dioxane
Concen: 11.990 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	101.3	21.1	31.7#
58	64.4	50.3	75.5

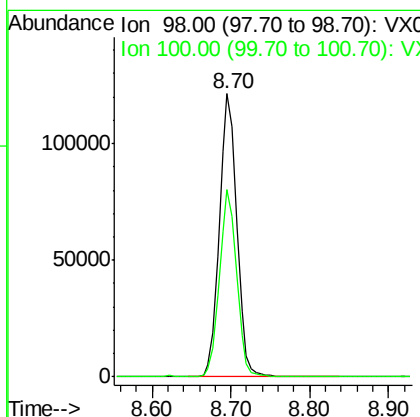
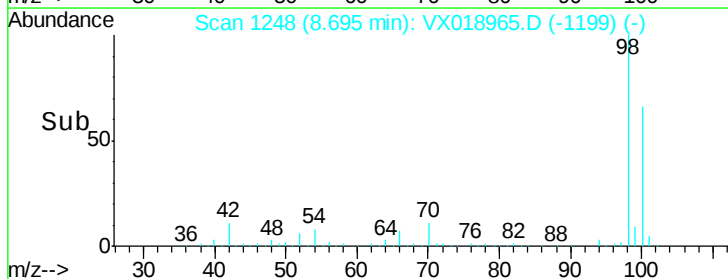
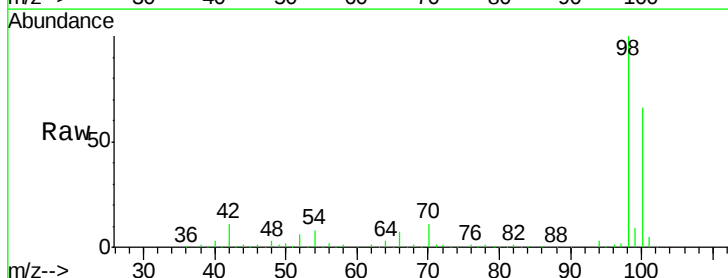
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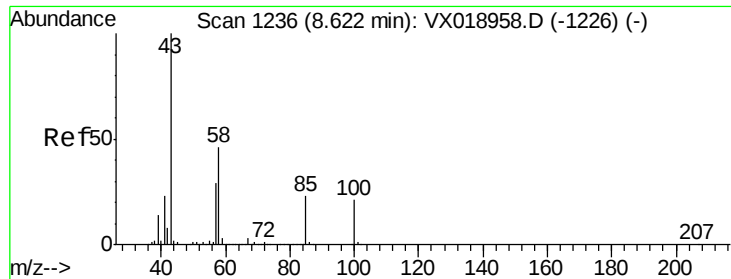
MMDadoda
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#50
Toluene-d8
Concen: 48.275 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 3.107 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 4422

Ion Ratio Lower Upper

43 100

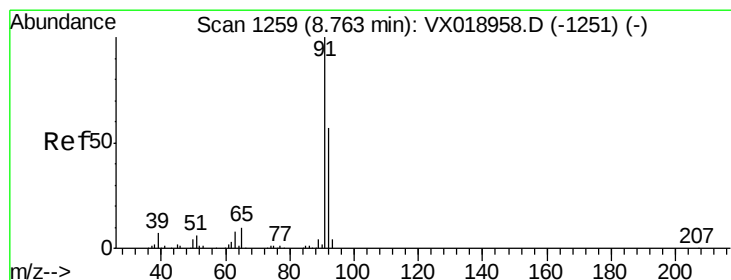
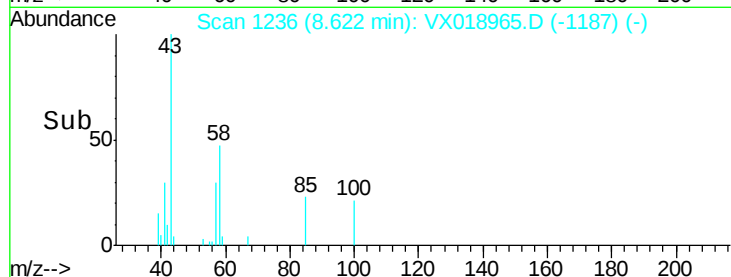
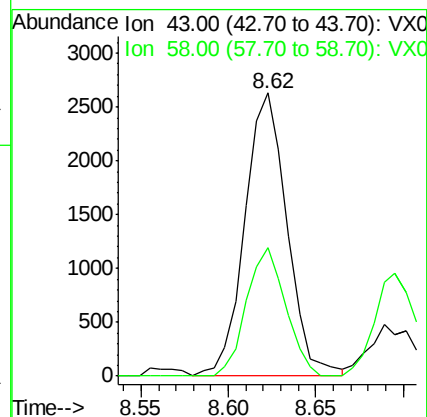
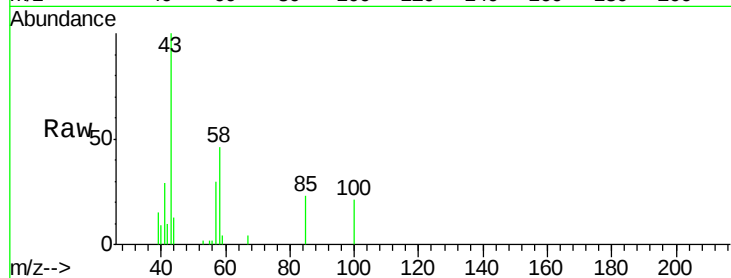
58 42.0 36.4 54.6

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#52

Toluene

Concen: 0.634 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018965.D

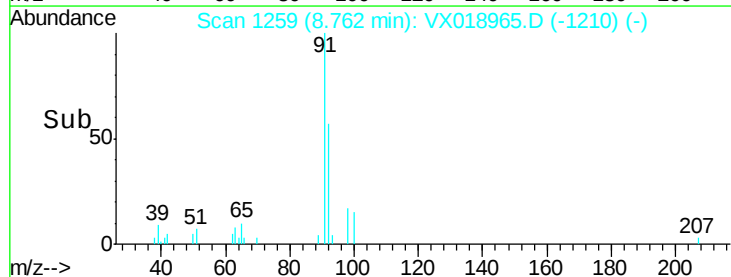
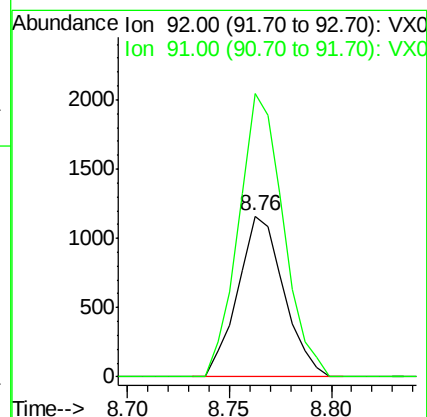
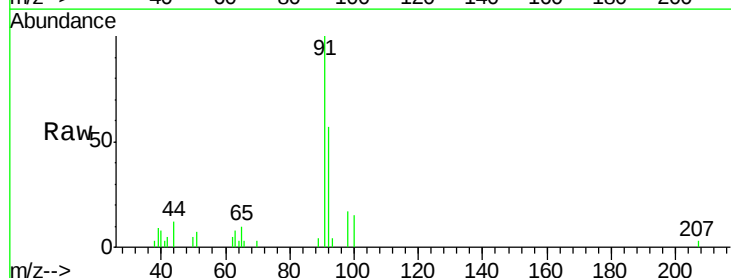
Acq: 19 Oct 2020 21:01

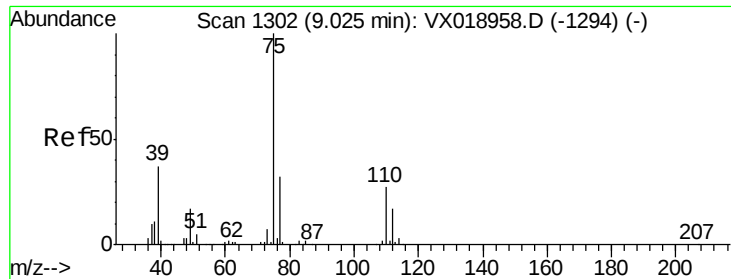
Tgt Ion: 92 Resp: 1814

Ion Ratio Lower Upper

92 100

91 171.1 137.1 205.7





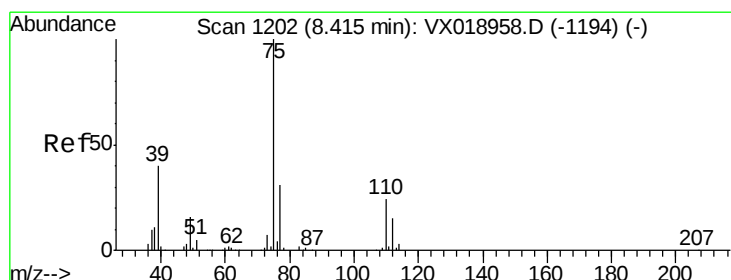
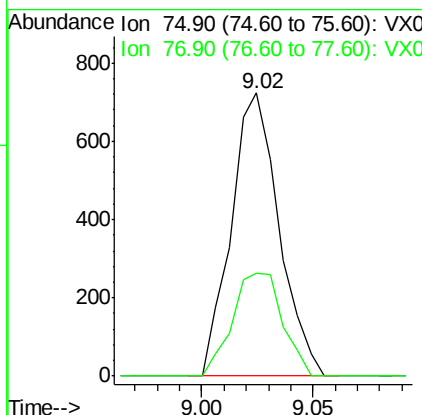
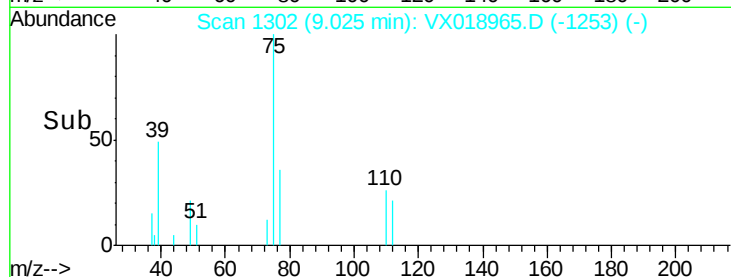
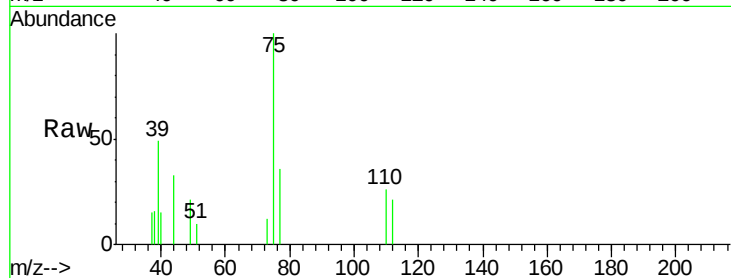
#53
t-1,3-Dichloropropene
Concen: 0.600 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
77 36.4 26.0 39.0

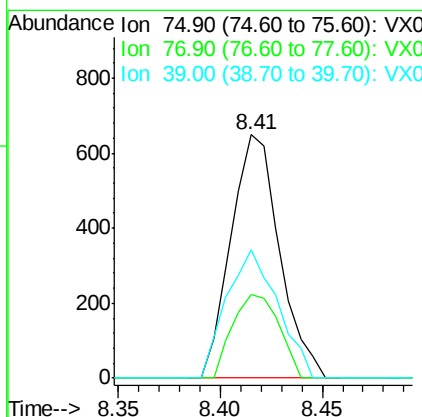
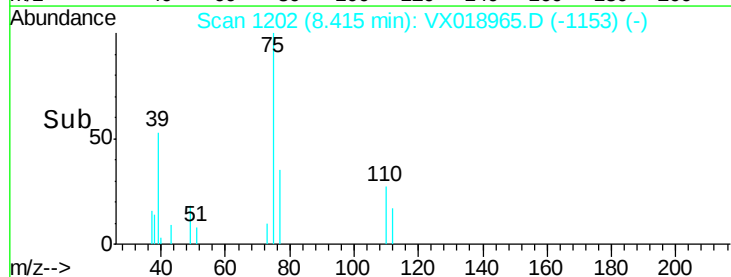
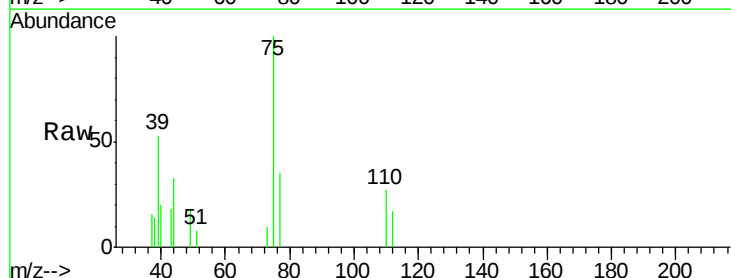
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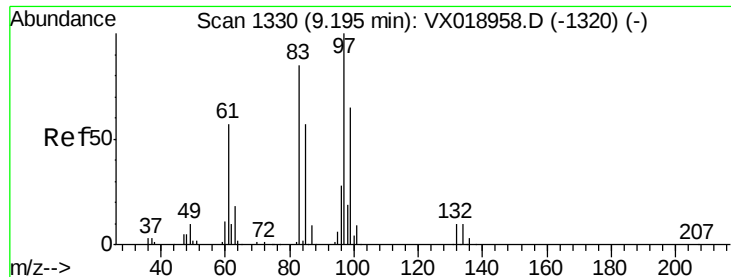
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 0.566 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
77 34.5 24.6 36.8
39 52.7 32.1 48.1#





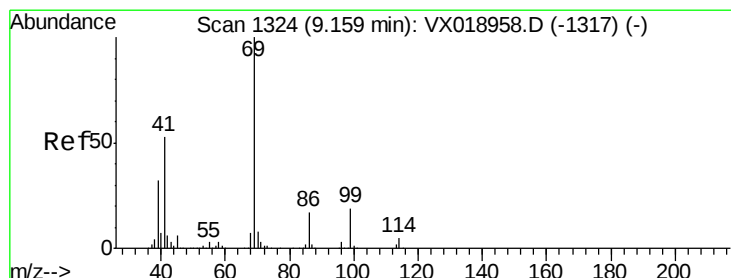
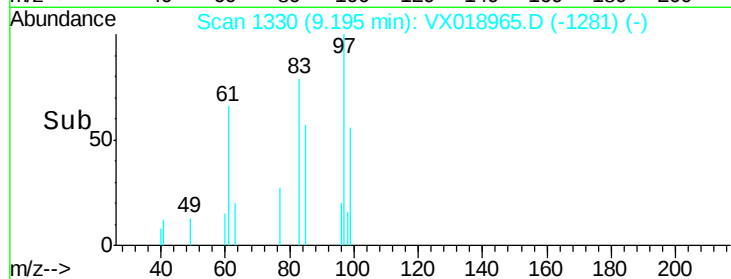
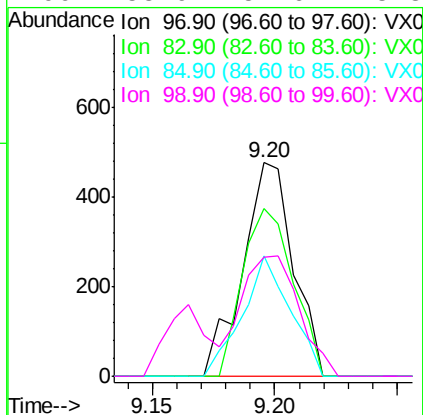
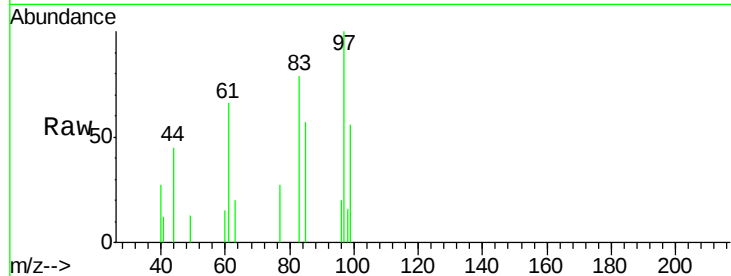
#55
 1,1,2-Trichloroethane
 Concen: 0.609 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion:	97	Resp:	684
Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.8	101.8
85	56.5	45.7	68.5
99	55.9	52.6	78.8

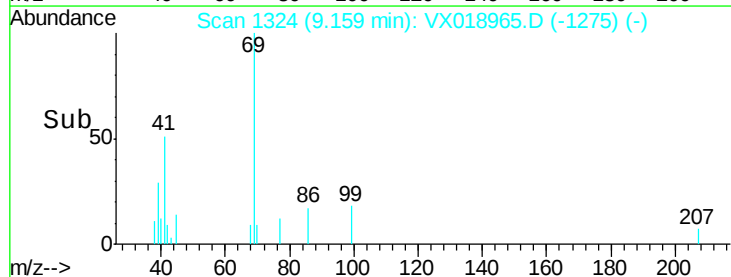
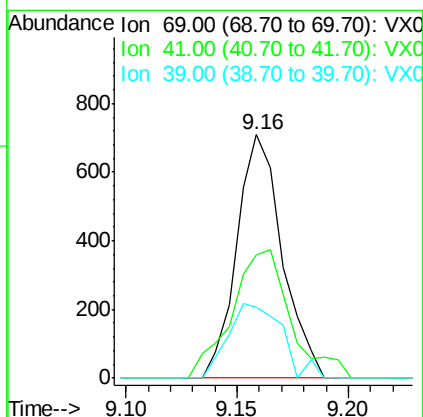
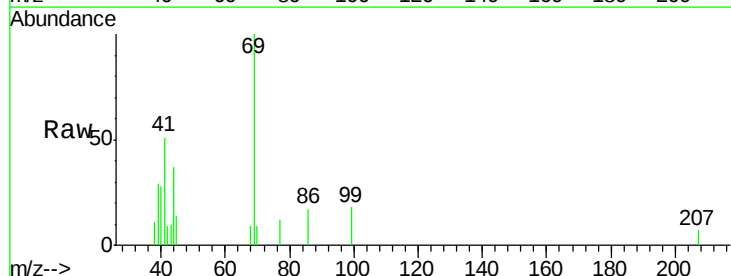
Manual Integrations
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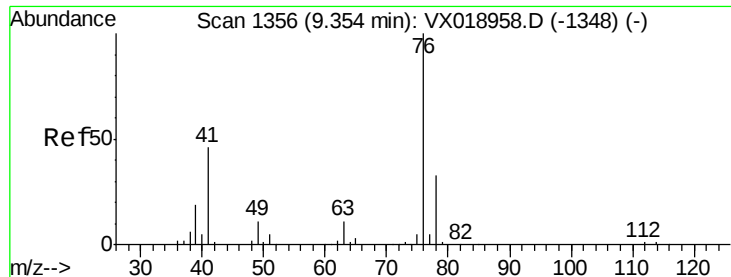
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 0.584 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion:	69	Resp:	1007
Ion	Ratio	Lower	Upper
69	100		
41	68.3	43.4	65.2#
39	36.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 0.596 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 1125

Ion Ratio Lower Upper

76 100

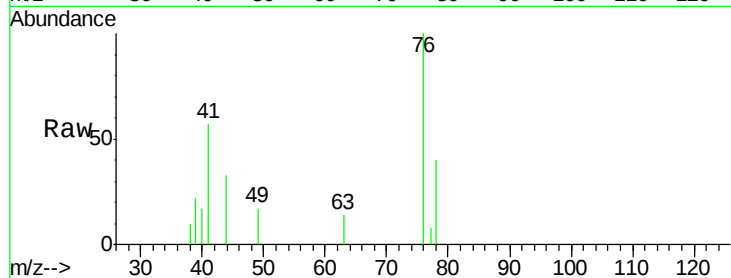
78 34.7 26.2 39.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

800

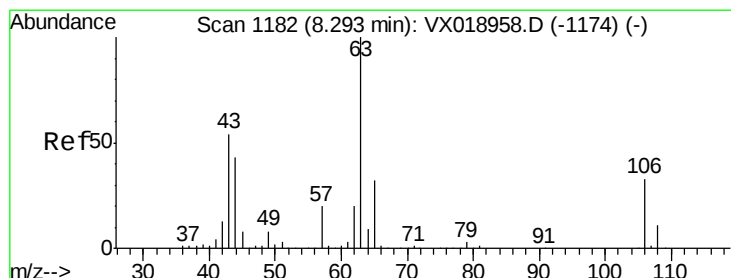
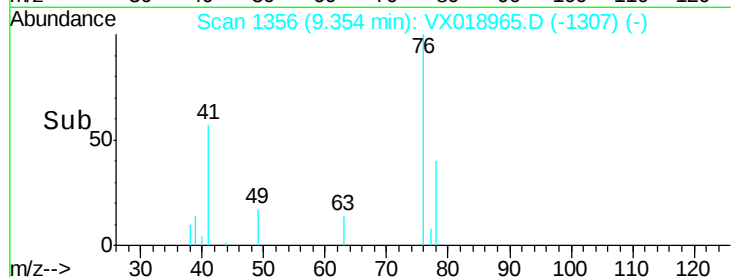
600

400

200

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 2.952 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018965.D

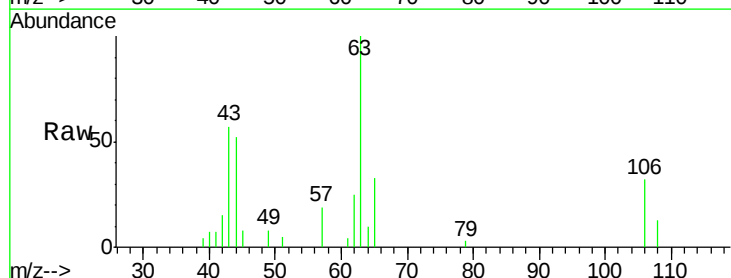
Acq: 19 Oct 2020 21:01

Tgt Ion: 63 Resp: 2810

Ion Ratio Lower Upper

63 100

106 27.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

2000

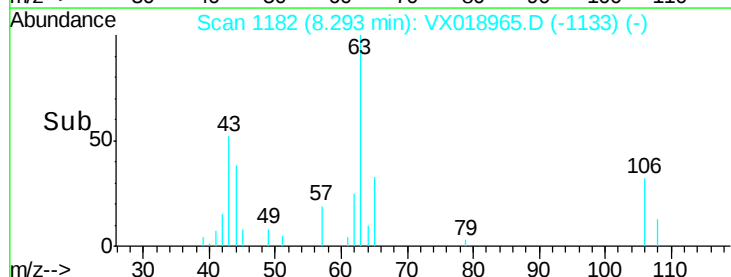
1500

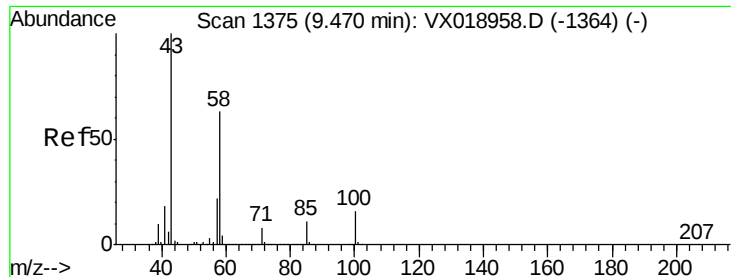
1000

500

0

Time-->





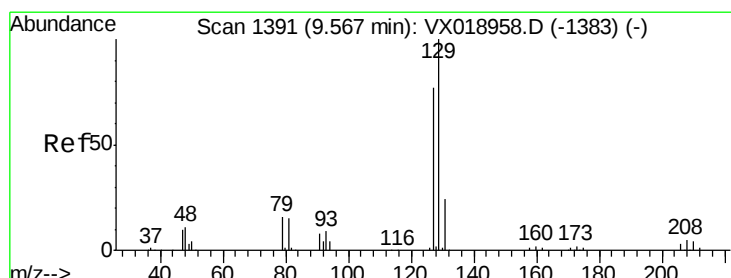
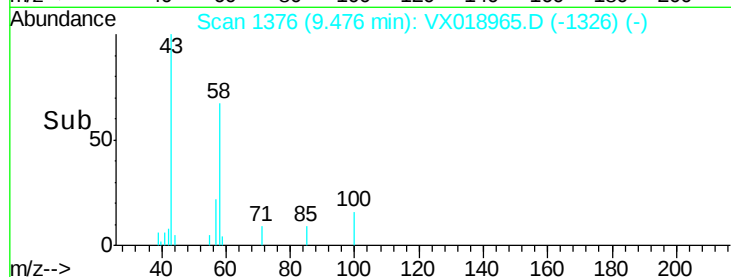
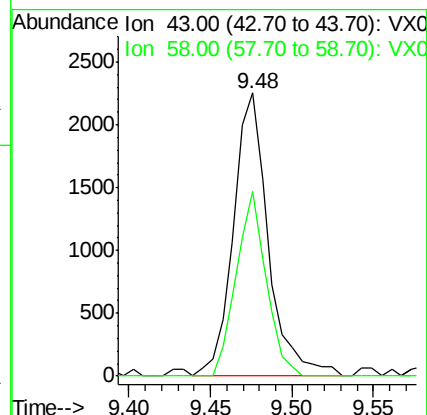
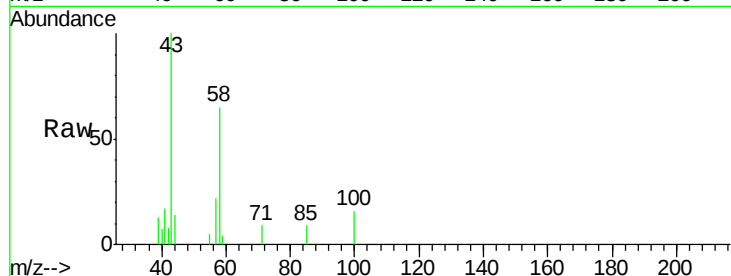
#59
2-Hexanone
Concen: 3.099 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1

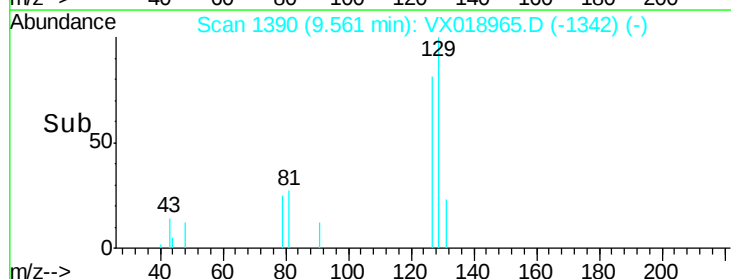
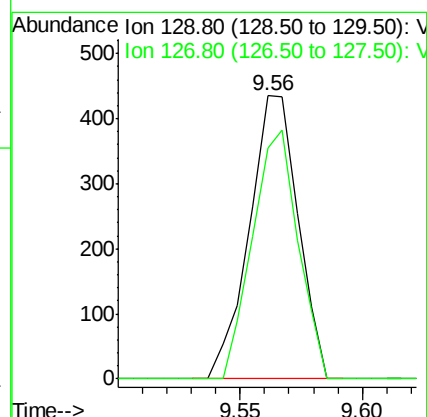
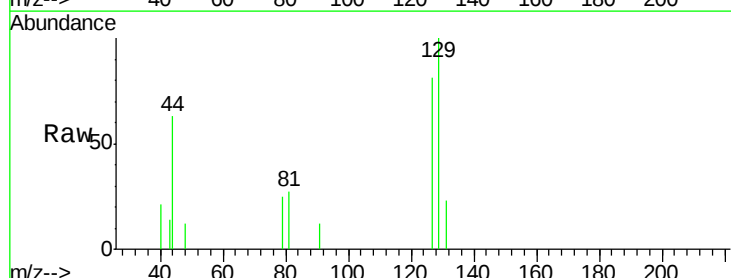
Manual Integrations
APPROVED

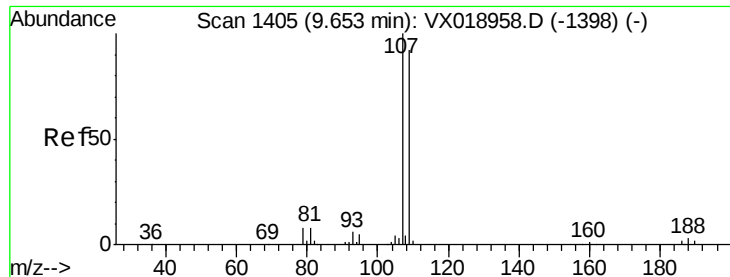
MMDadoda
10/20/2020 4:52:36 PM



#60
Dibromochloromethane
Concen: 0.490 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 129 Resp: 609
Ion Ratio Lower Upper
129 100
127 82.1 38.8 116.4





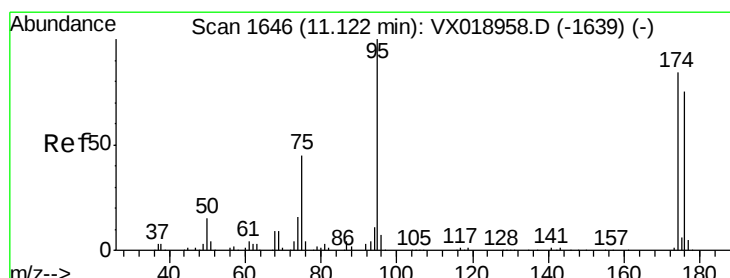
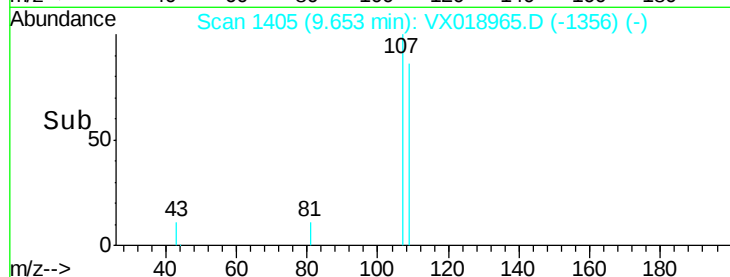
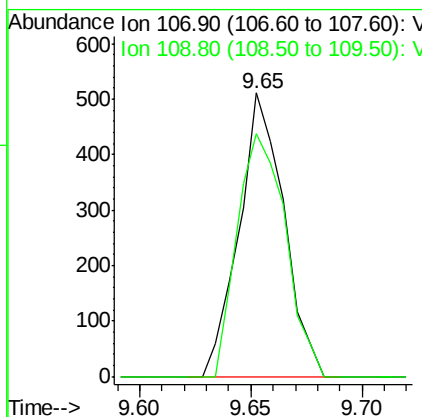
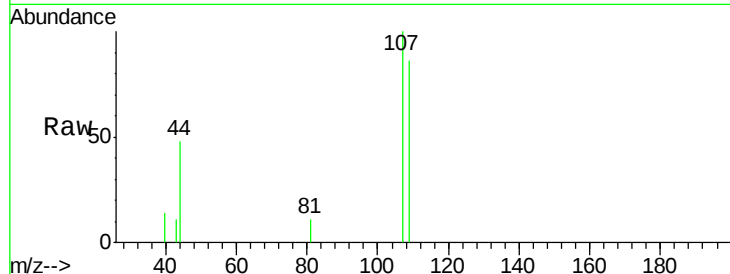
#61
 1,2-Dibromoethane
 Concen: 0.590 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	75.2	112.8

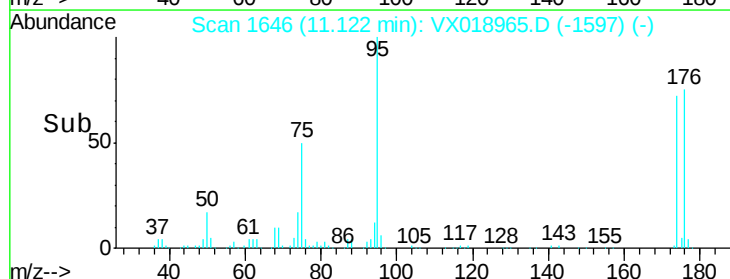
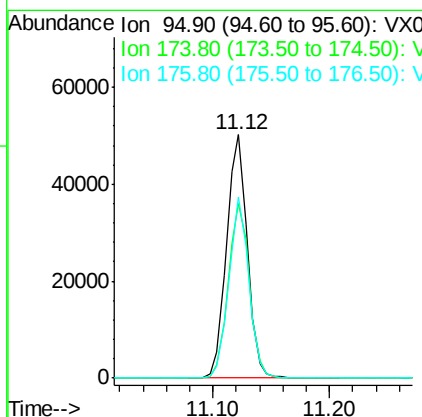
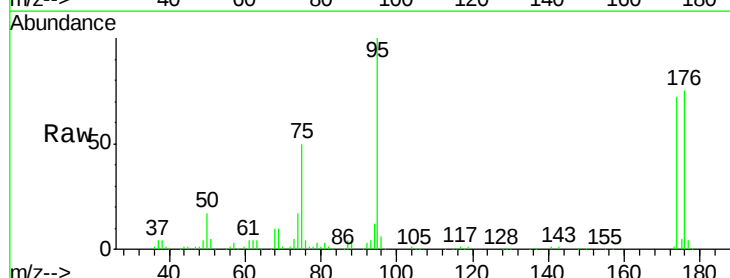
Manual Integrations
 APPROVED

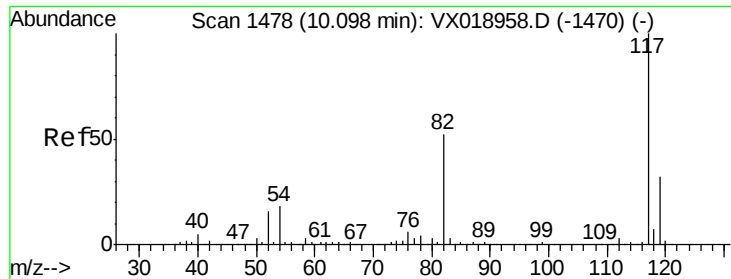
MMDadoda
 10/20/2020 4:52:36 PM



#62
 4-Bromofluorobenzene
 Concen: 44.943 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	164.6
176	71.8	0.0	154.6





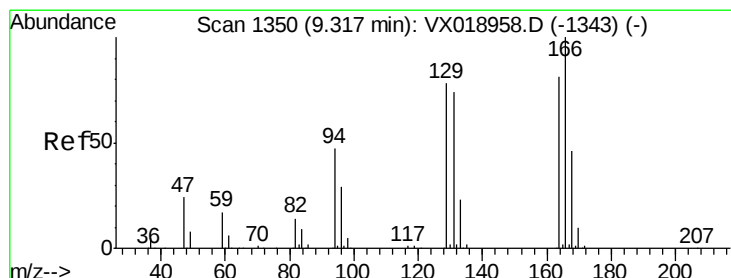
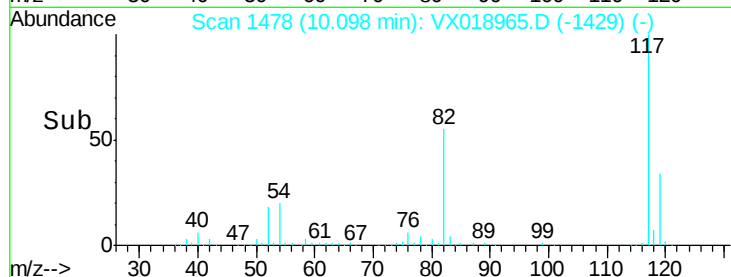
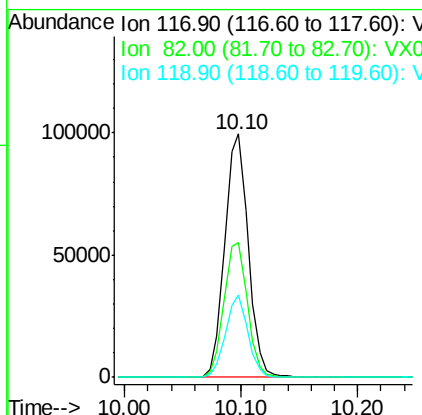
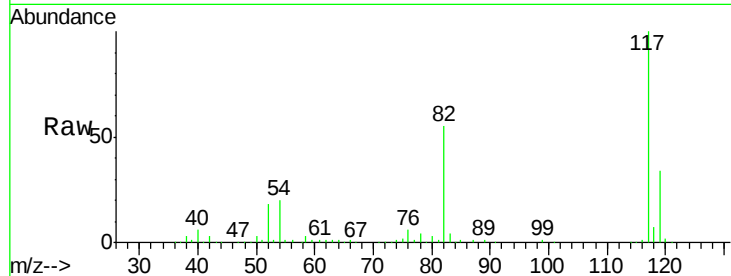
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.6	62.4
119	33.6	25.4	38.2

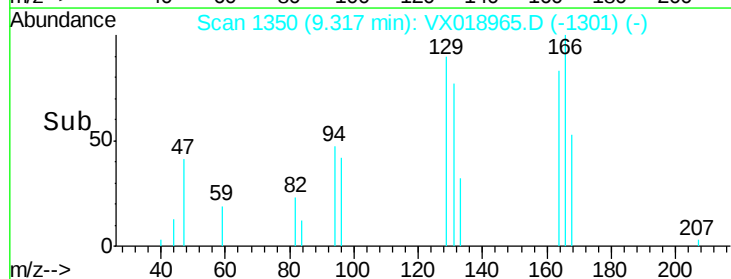
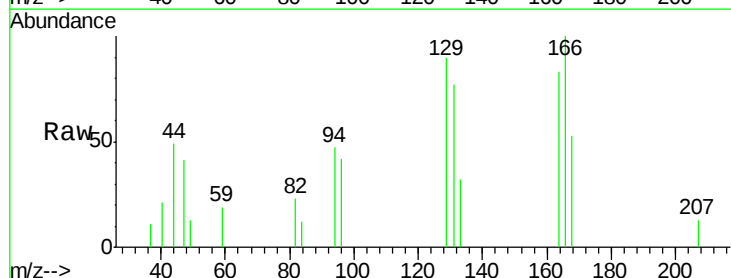
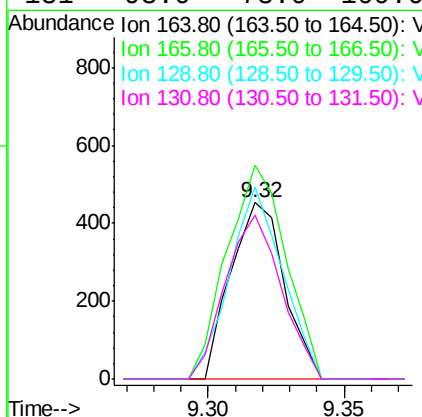
Manual Integrations
APPROVED

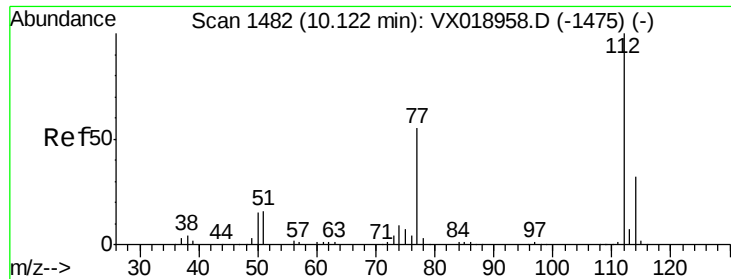
MMDadoda
10/20/2020 4:52:36 PM



#64
Tetrachloroethene
Concen: 0.632 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.9	98.9	148.3
129	108.6	77.0	115.4
131	93.0	73.0	109.6





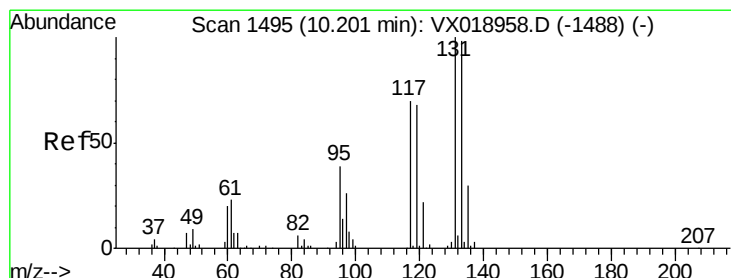
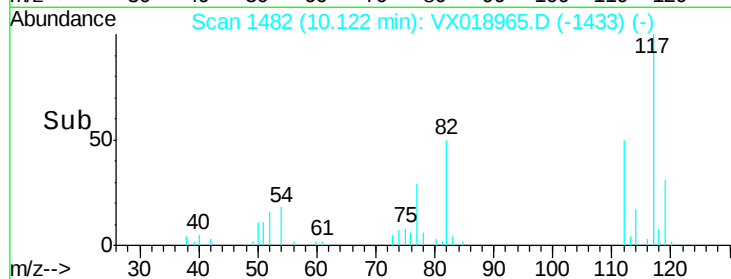
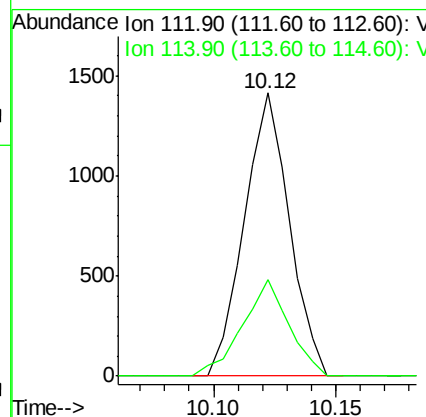
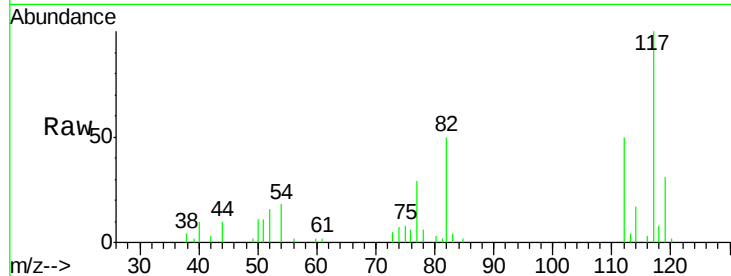
#65
Chlorobenzene
Concen: 0.623 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:112 Resp: 1808
Ion Ratio Lower Upper
112 100
114 34.0 25.6 38.4

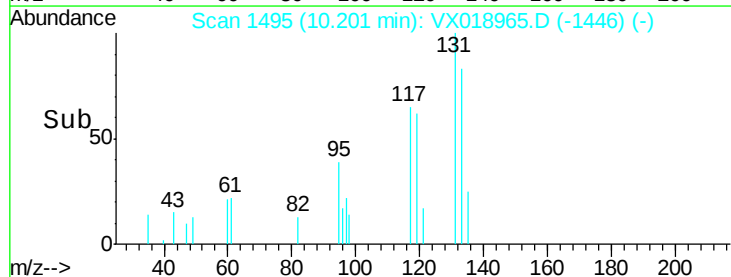
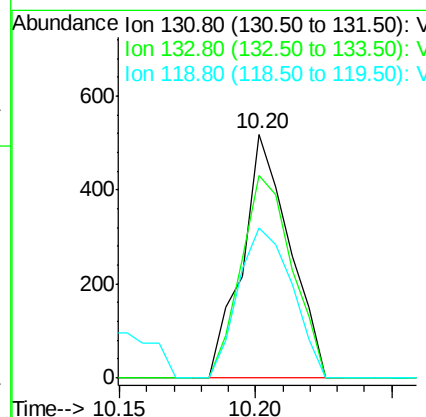
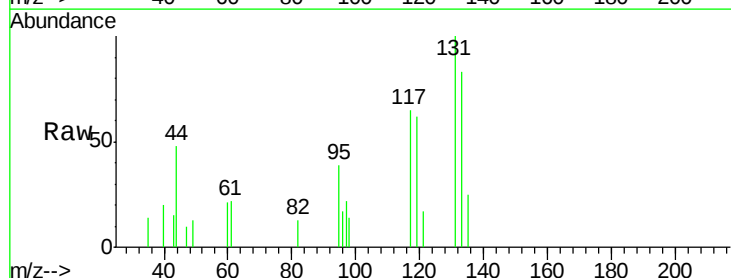
Manual Integrations
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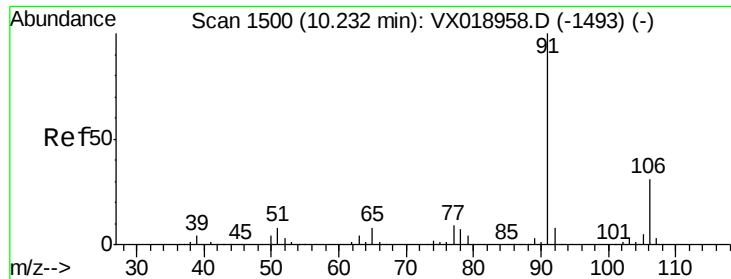
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.582 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion:131 Resp: 620
Ion Ratio Lower Upper
131 100
133 90.0 47.4 142.2
119 0.0 33.5 100.4#





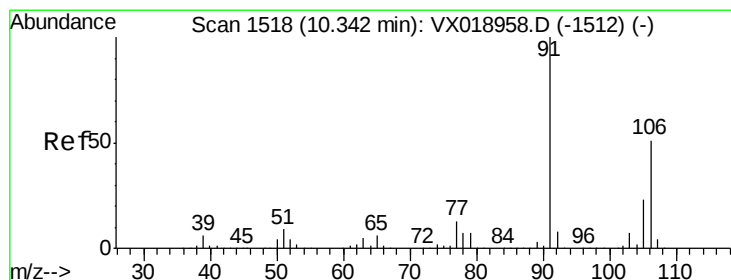
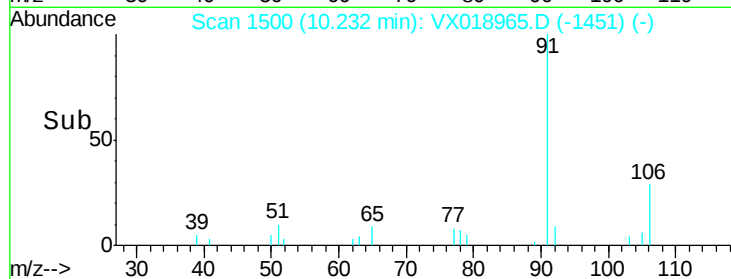
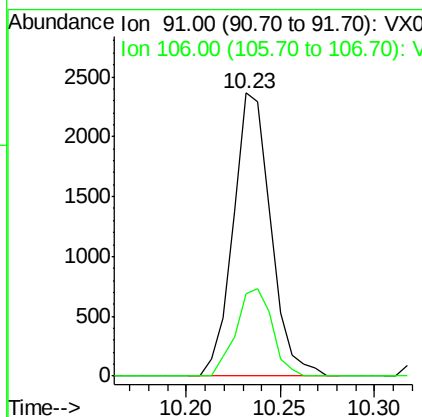
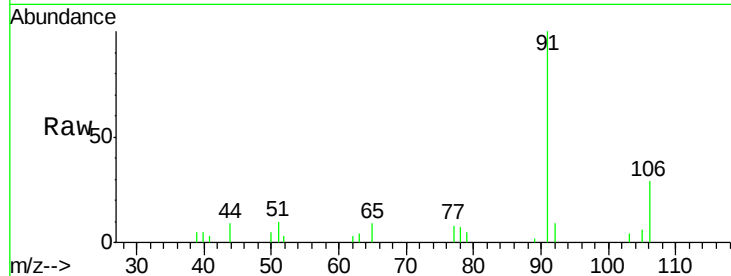
#67
Ethyl Benzene
Concen: 0.648 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 3265
Ion Ratio Lower Upper
91 100
106 29.2 24.7 37.1

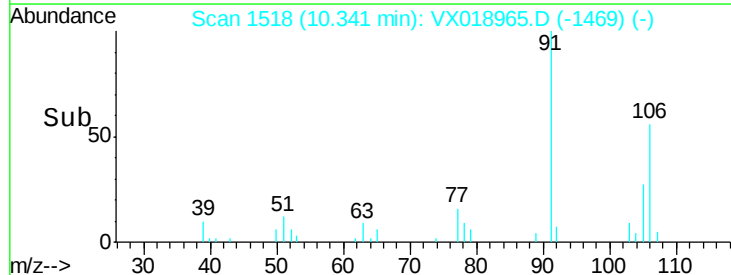
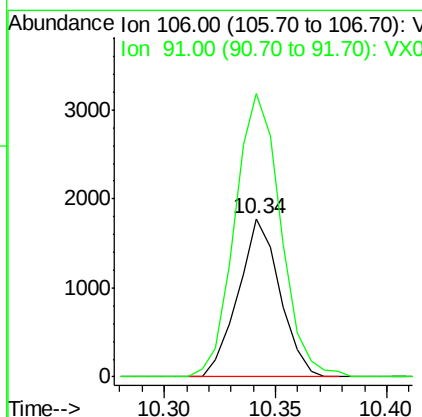
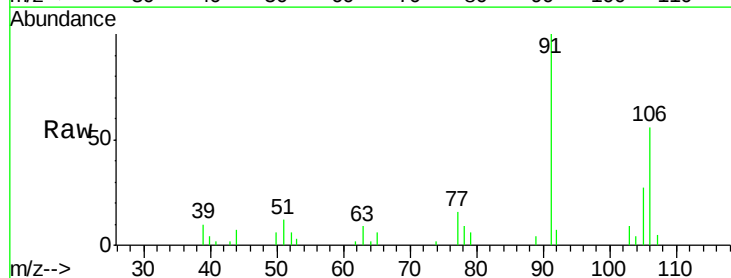
Manual Integrations
APPROVED

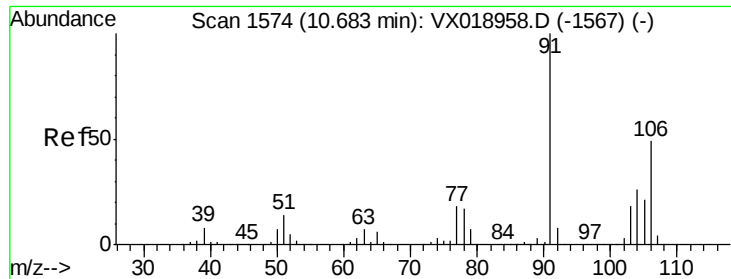
MMDadoda
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#68
m/p-Xylenes
Concen: 1.185 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion: 106 Resp: 2315
Ion Ratio Lower Upper
106 100
91 197.1 156.7 235.1





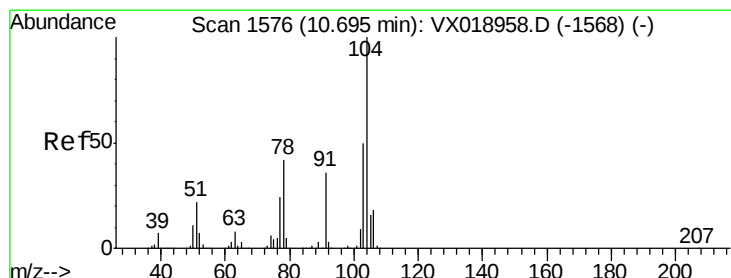
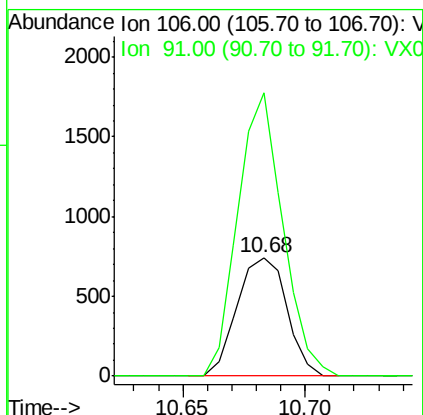
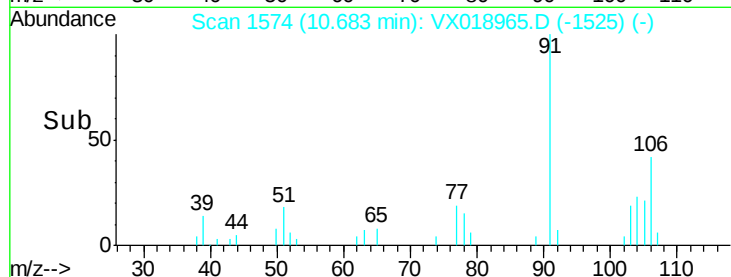
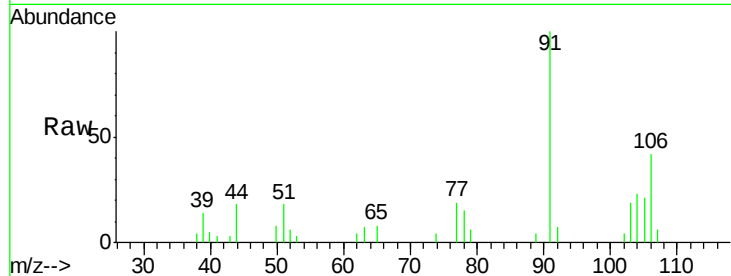
#69
o-Xylene
Concen: 0.560 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:106 Resp: 1055
Ion Ratio Lower Upper
106 100
91 215.4 102.4 307.1

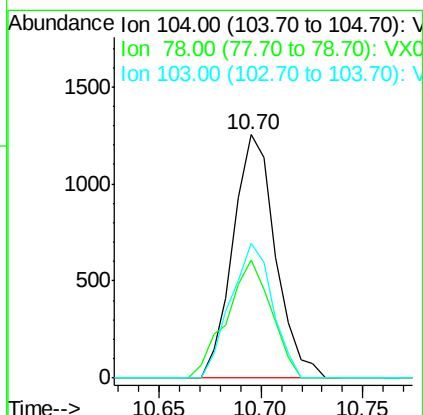
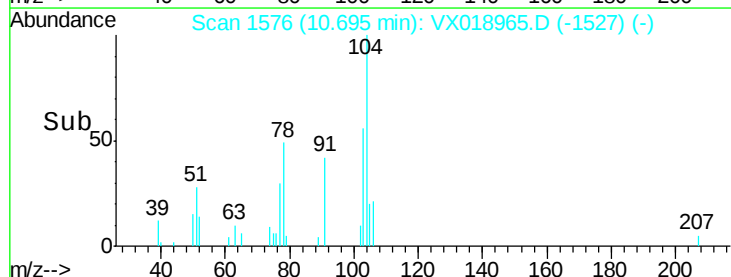
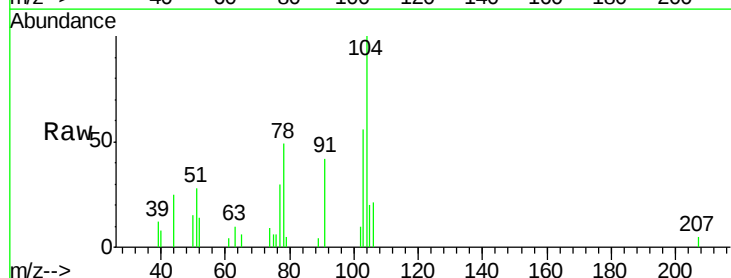
Manual Integrations
APPROVED

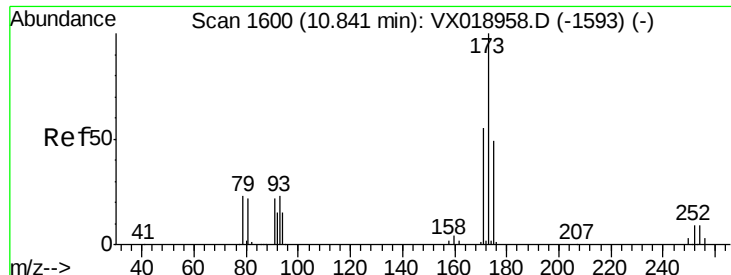
MMDadoda
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#70
Styrene
Concen: 0.572 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion:104 Resp: 1813
Ion Ratio Lower Upper
104 100
78 50.6 37.9 56.9
103 54.5 43.7 65.5





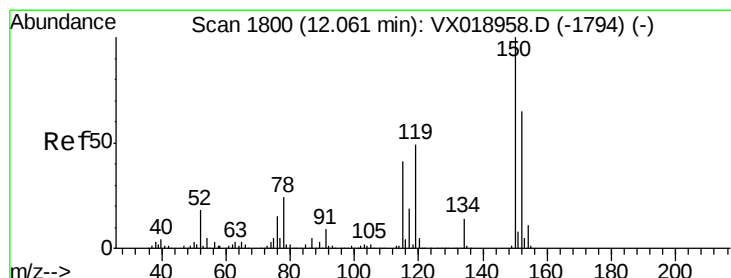
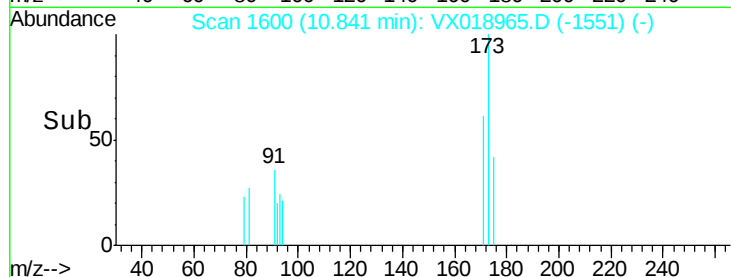
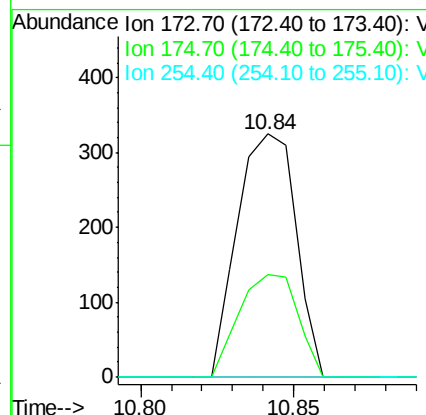
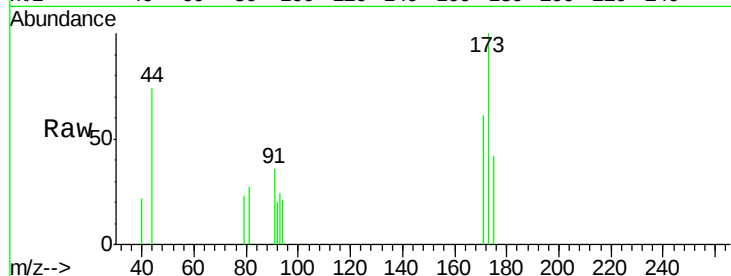
#71
Bromoform
Concen: 0.504 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
173	100		
175	42.6	23.7	71.1
254	0.0	0.0	0.0

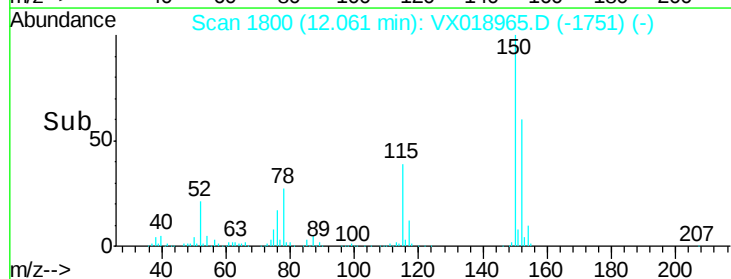
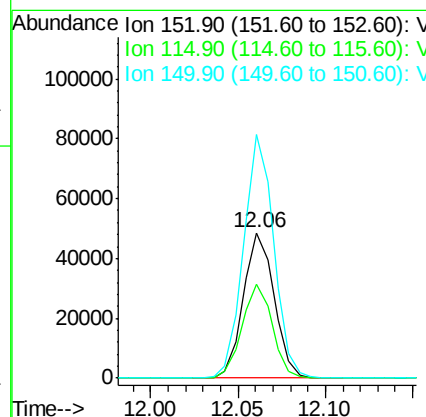
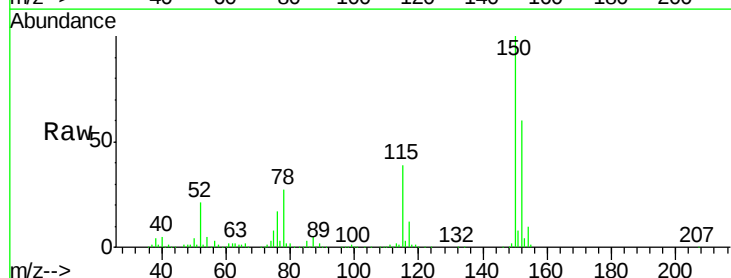
Manual Integrations
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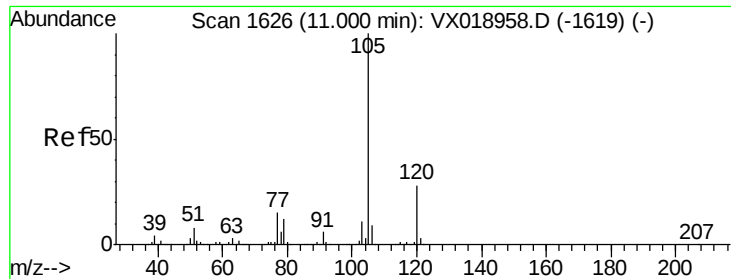
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	40.8	122.2
150	164.0	0.0	352.0





#73

Isopropylbenzene

Concen: 0.645 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 2774

Ion Ratio Lower Upper

105 100

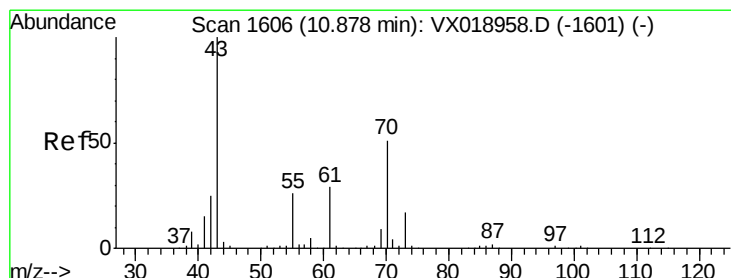
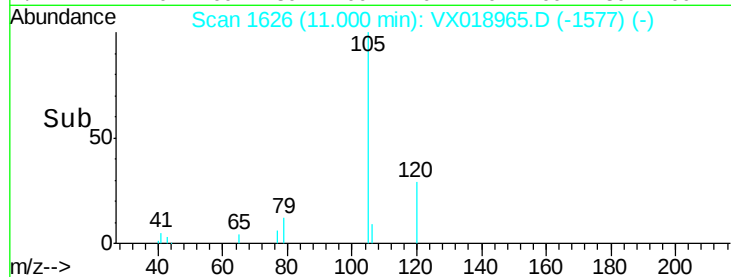
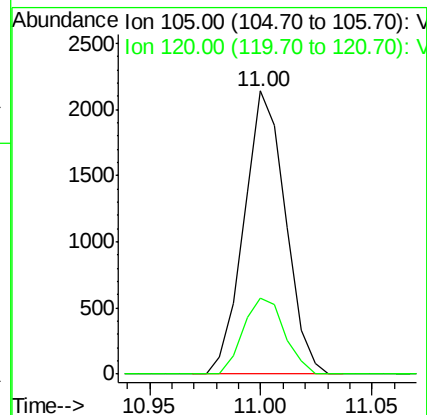
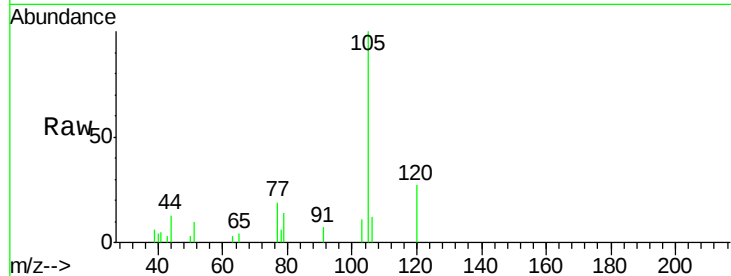
120 26.7 13.9 41.7

Manual Integrations

APPROVED

MMDadoda

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#74

N-ethyl acetate

Concen: 0.809 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion: 43 Resp: 1306

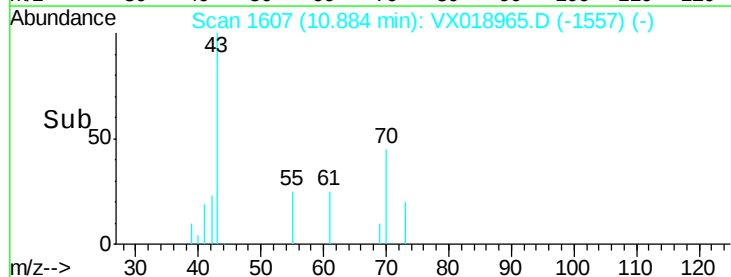
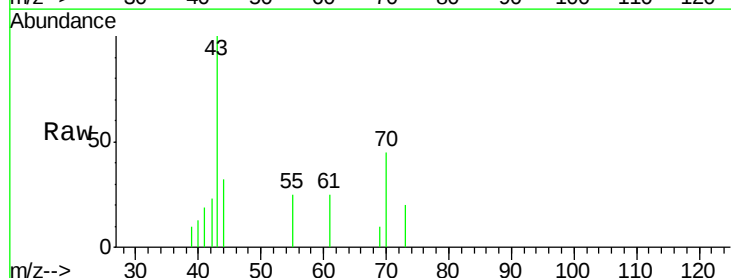
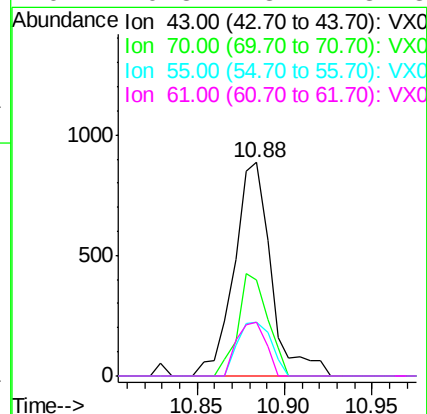
Ion Ratio Lower Upper

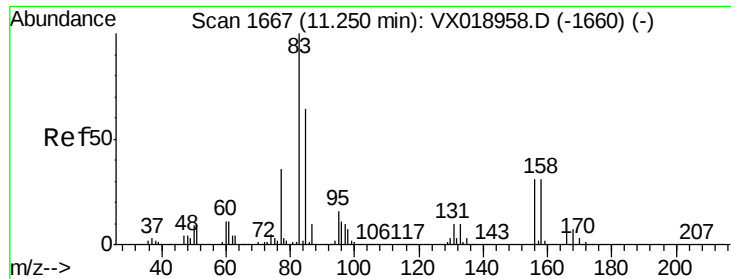
43 100

70 38.8 42.4 63.6#

55 22.9 21.0 31.6

61 19.8 23.2 34.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.640 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

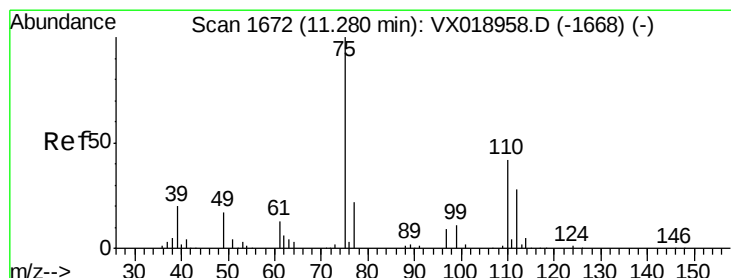
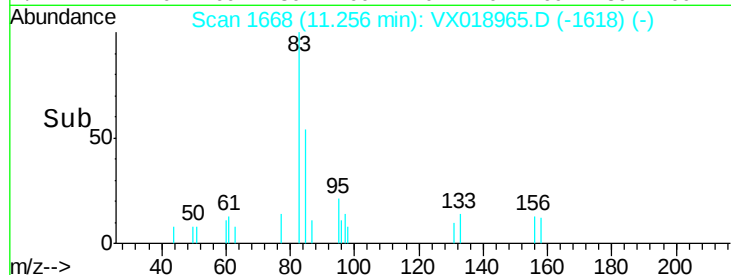
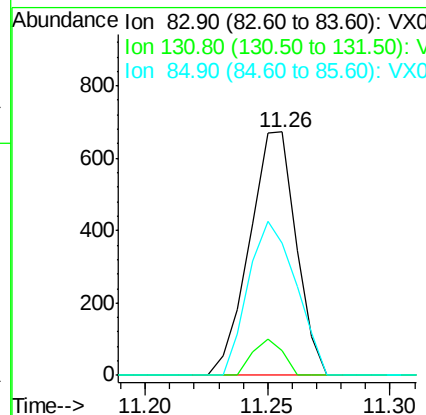
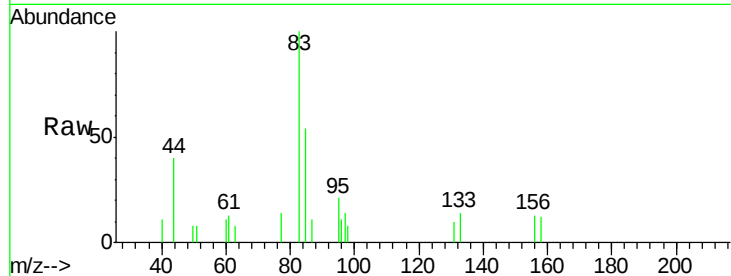
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	83	Resp:	897
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.3	15.9
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 0.795 ug/l m

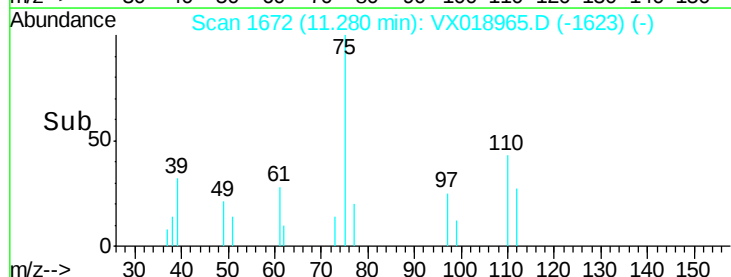
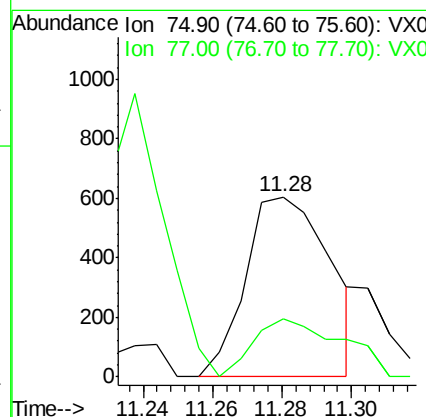
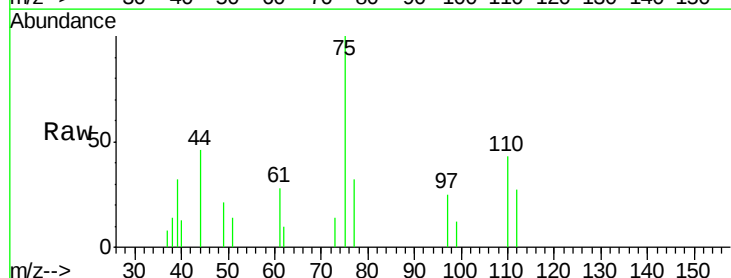
RT: 11.28 min Scan# 1672

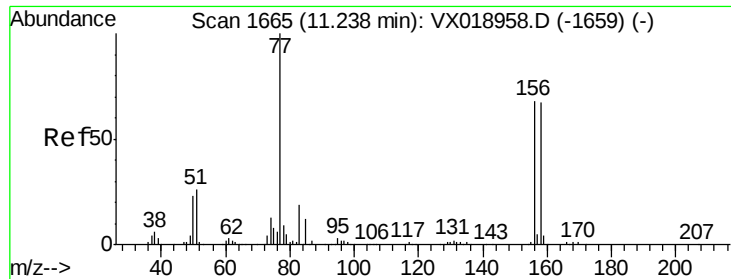
Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Tgt Ion:	75	Resp:	1026
Ion	Ratio	Lower	Upper
75	100		
77	33.4	21.1	63.1





#77

Bromobenzene

Concen: 0.661 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:156 Resp: 689

Ion Ratio Lower Upper

156 100

77 175.8 77.4 232.2

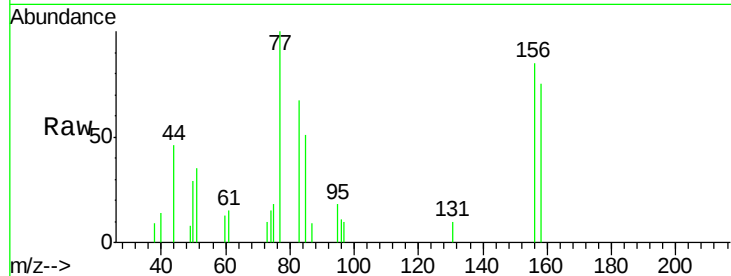
158 102.9 50.6 151.9

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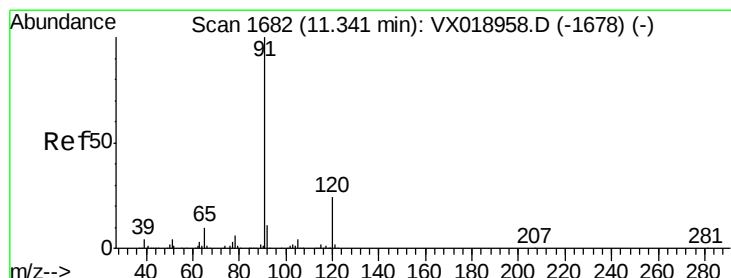
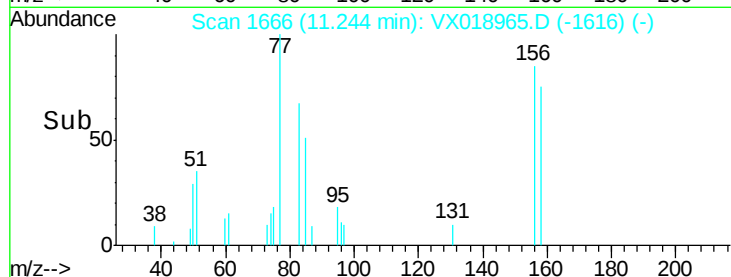
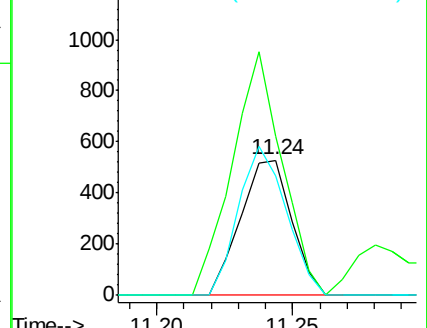
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.680 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018965.D

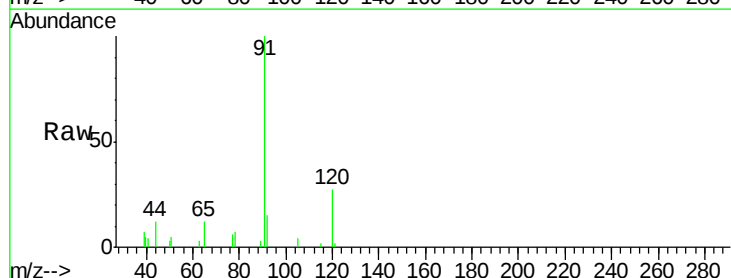
Acq: 19 Oct 2020 21:01

Tgt Ion: 91 Resp: 3346

Ion Ratio Lower Upper

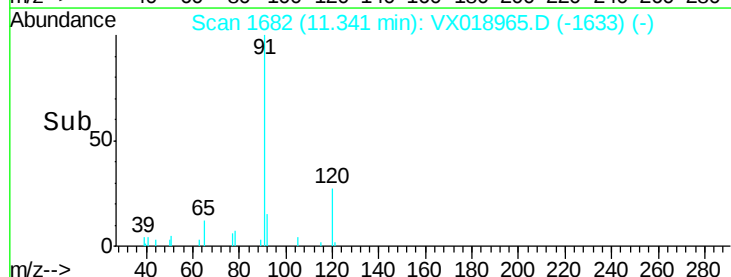
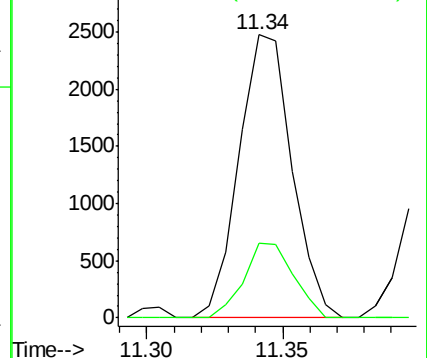
91 100

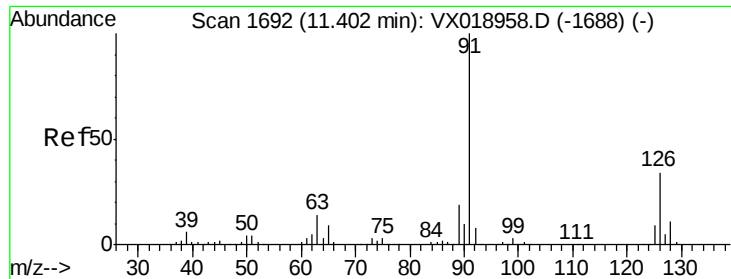
120 24.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.729 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 2093

Ion Ratio Lower Upper

91 100

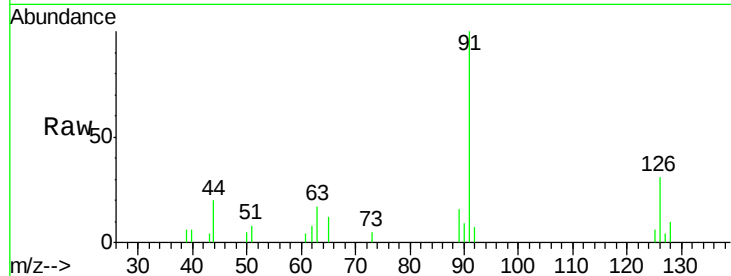
126 31.2 17.6 52.9

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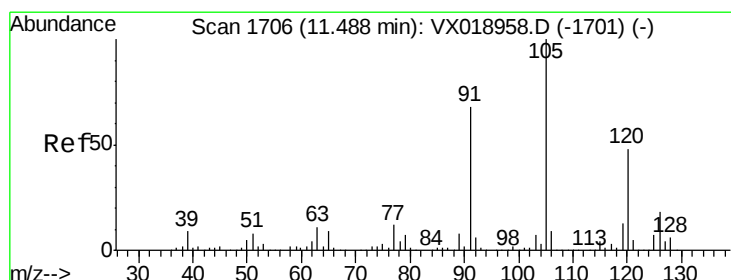
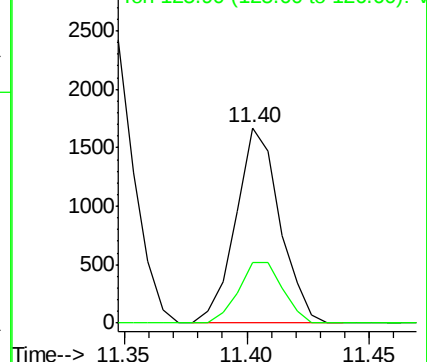
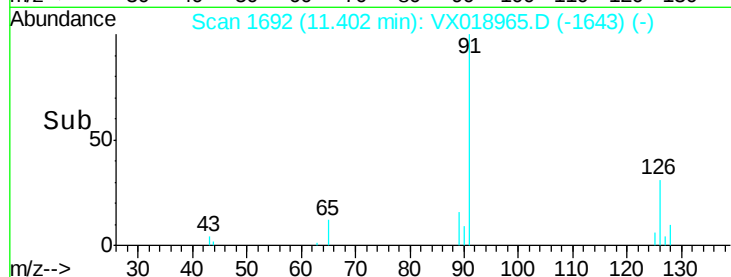
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Abundance Ion 91.00 (90.70 to 91.70): VX018965.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018965.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.674 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018965.D

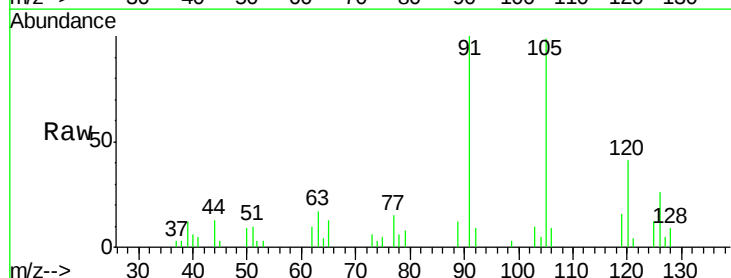
Acq: 19 Oct 2020 21:01

Tgt Ion: 105 Resp: 2420

Ion Ratio Lower Upper

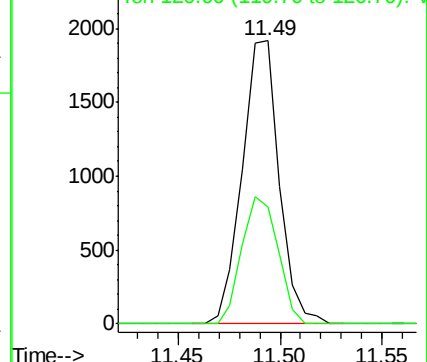
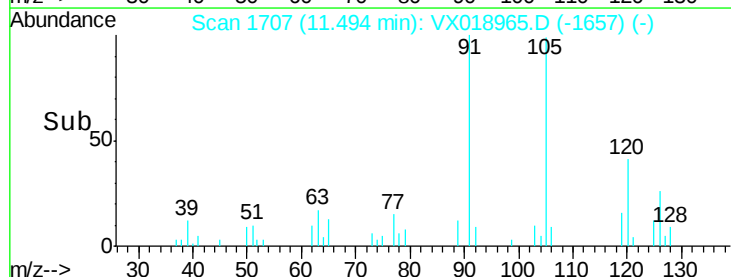
105 100

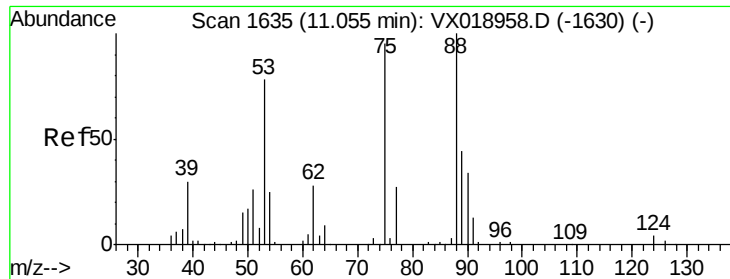
120 43.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX018965.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX018965.D (-1657) (-)





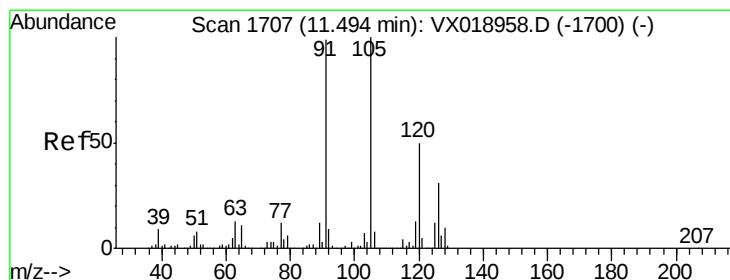
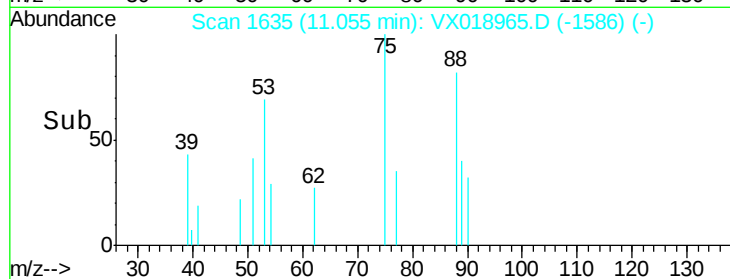
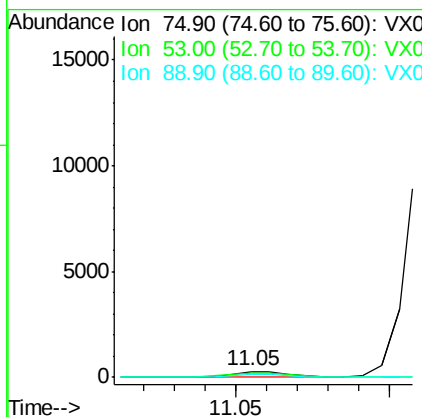
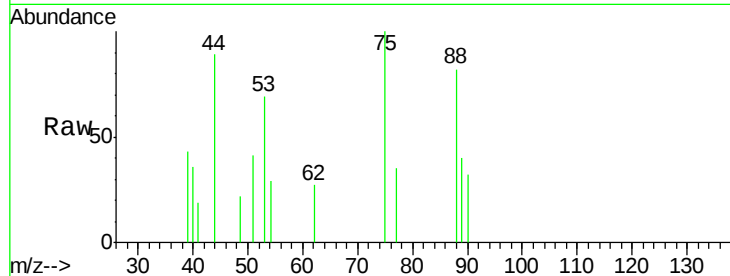
#81
trans-1,4-Dichloro-2-butene
Concen: 0.611 ug/l m
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.2	96.2#
89	0.0	38.6	58.0#

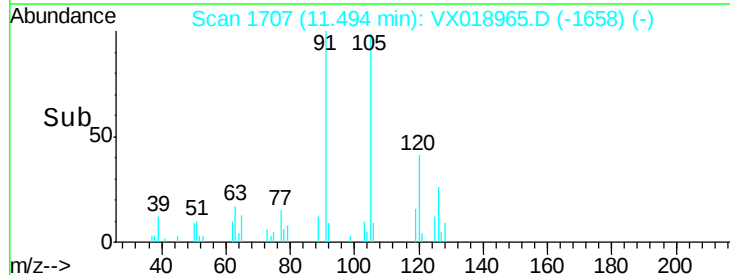
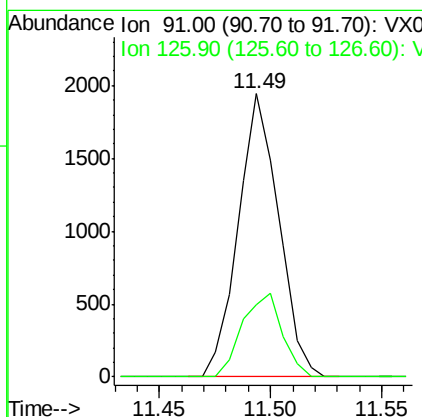
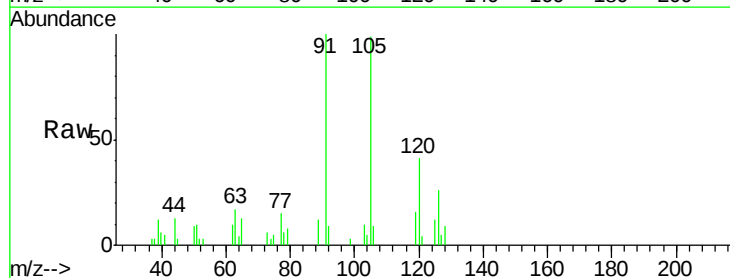
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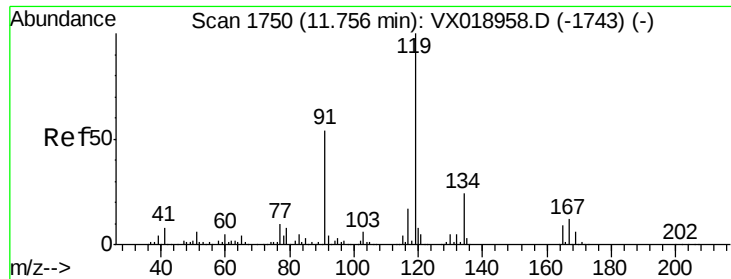
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#82
4-Chlorotoluene
Concen: 0.715 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	15.8	47.4





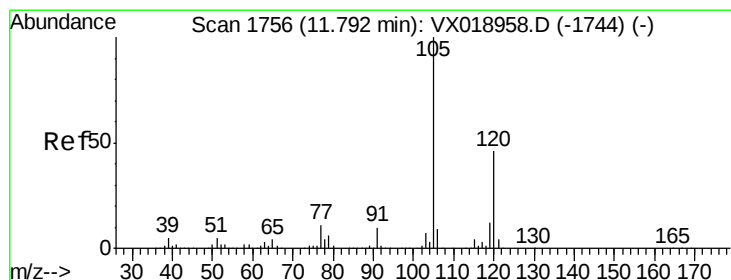
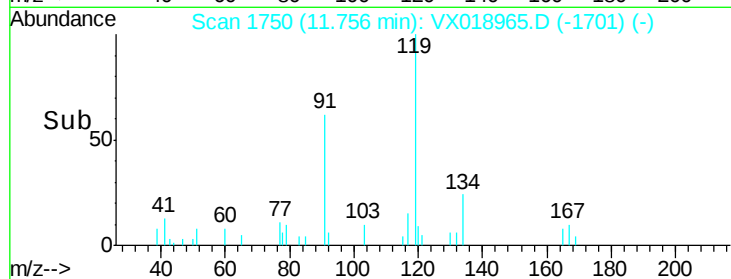
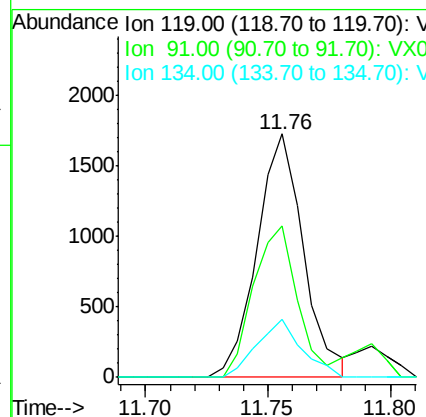
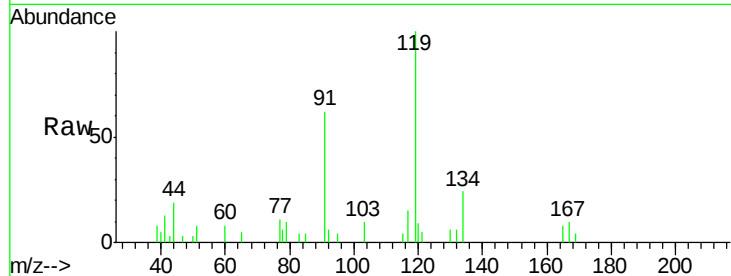
#83
tert-Butylbenzene
Concen: 0.640 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	2293		
91	58.4		27.2	81.6
134	22.8		11.8	35.4

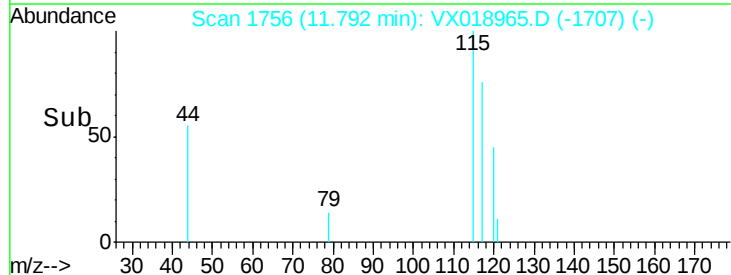
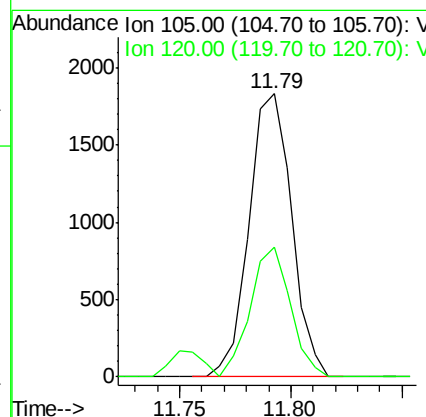
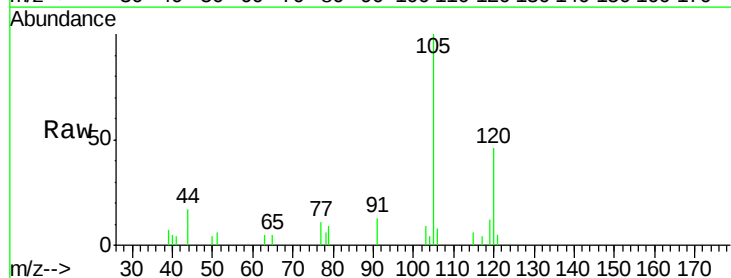
Manual Integrations
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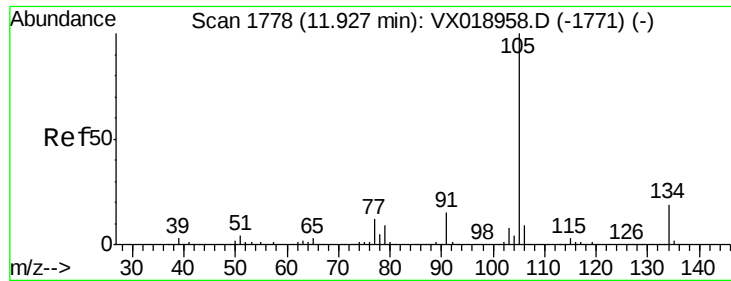
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#84
1,2,4-Trimethylbenzene
Concen: 0.682 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2445		
120	43.3		22.9	68.5





#85

sec-Butylbenzene

Concen: 0.654 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 2758

Ion Ratio Lower Upper

105 100

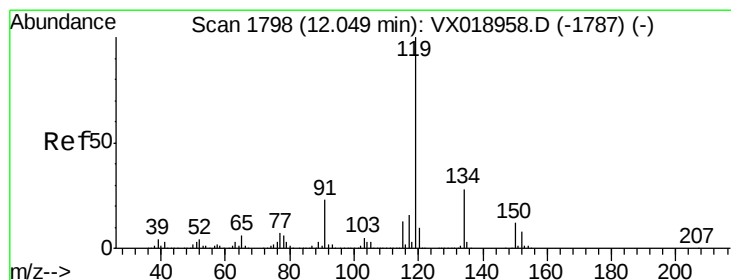
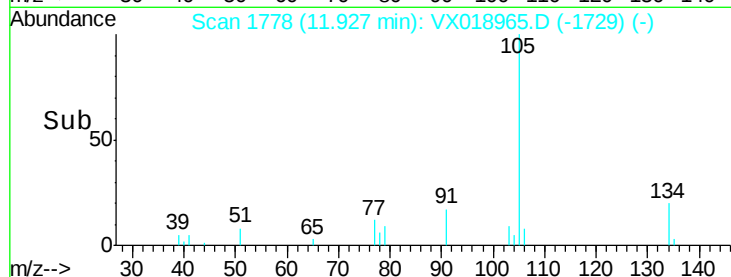
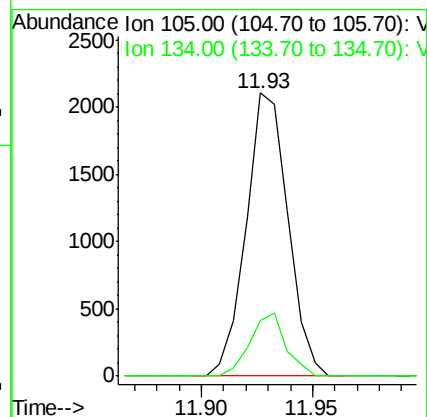
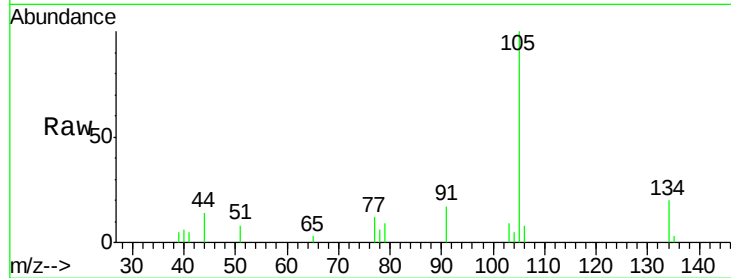
134 18.9 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.652 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018965.D

Acq: 19 Oct 2020 21:01

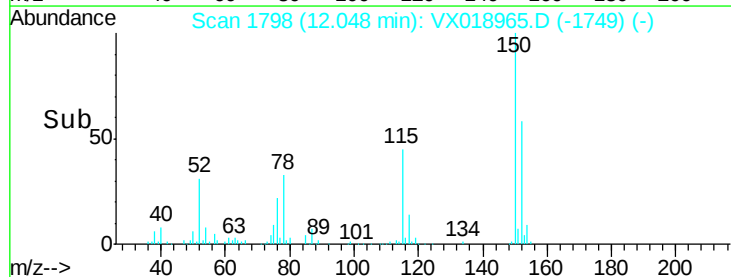
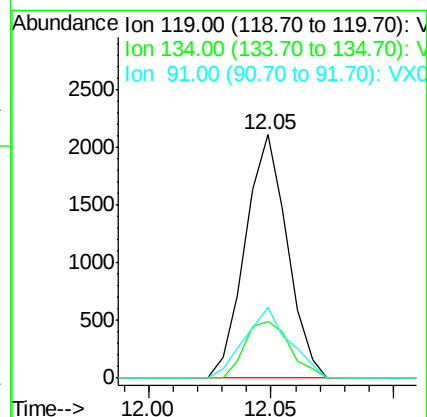
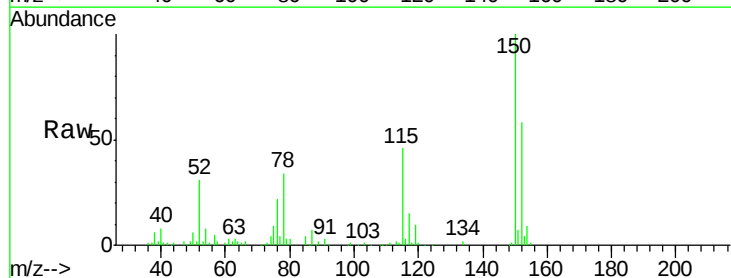
Tgt Ion:119 Resp: 2513

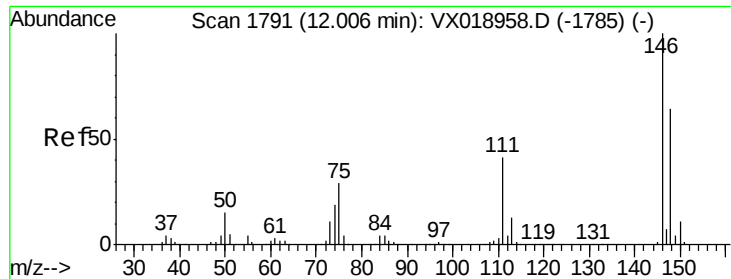
Ion Ratio Lower Upper

119 100

134 25.2 13.8 41.4

91 31.2 11.5 34.5





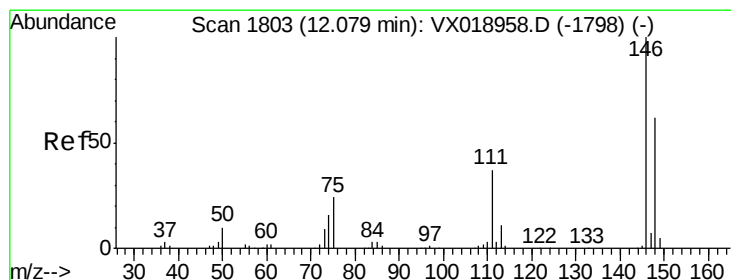
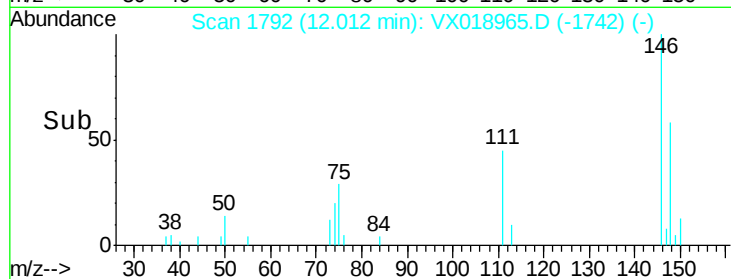
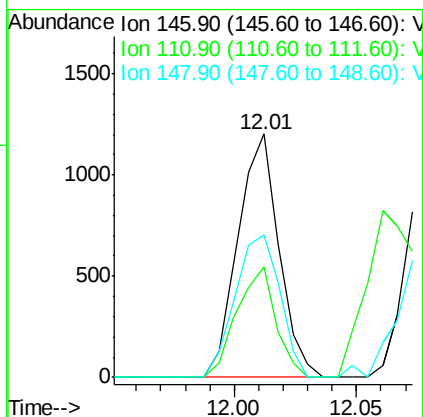
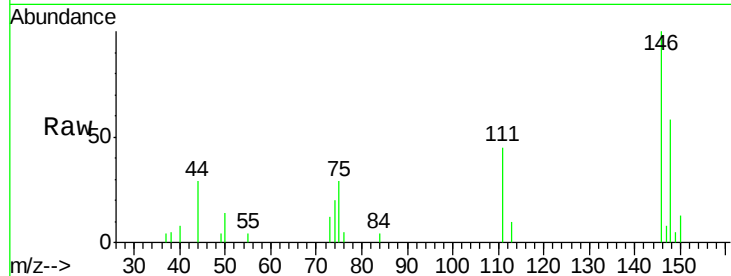
#87
 1,3-Dichlorobenzene
 Concen: 0.717 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.8	59.4
148	64.0	32.4	97.2

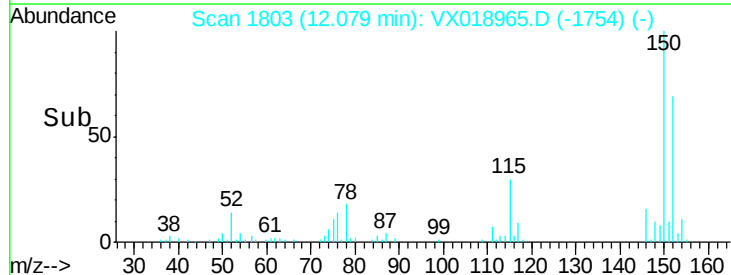
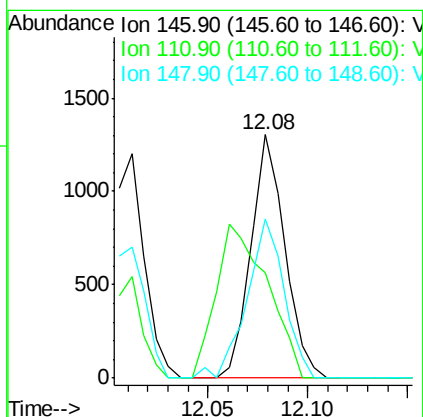
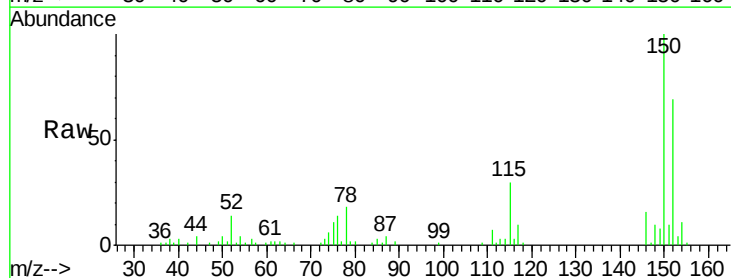
Manual Integrations
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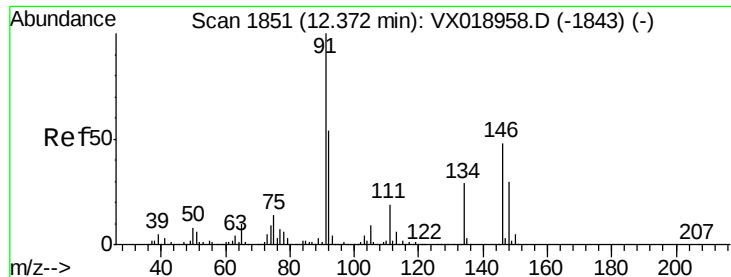
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#88
 1,4-Dichlorobenzene
 Concen: 0.758 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.8	56.3
148	58.2	31.7	95.1





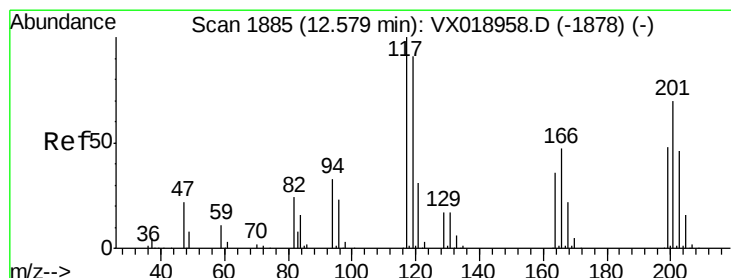
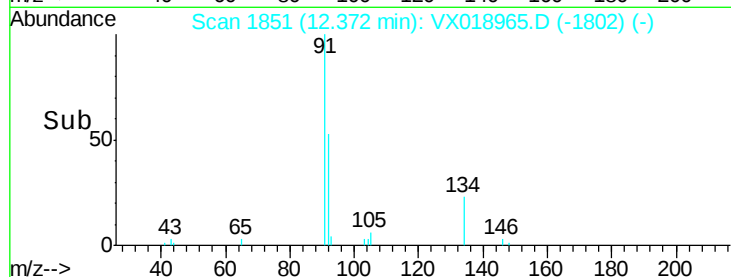
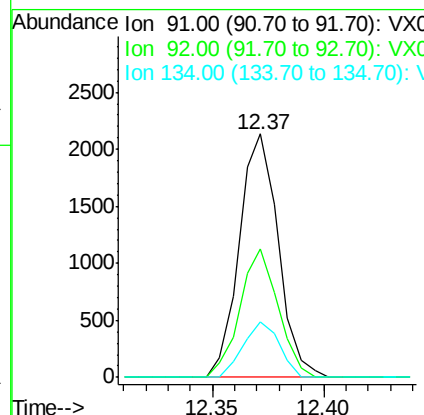
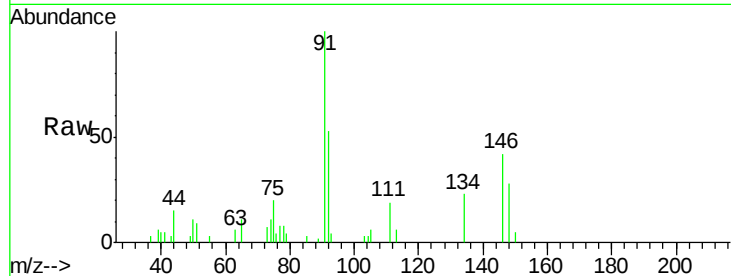
#89
n-Butylbenzene
Concen: 0.742 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.2	81.5
134	21.1	14.2	42.6

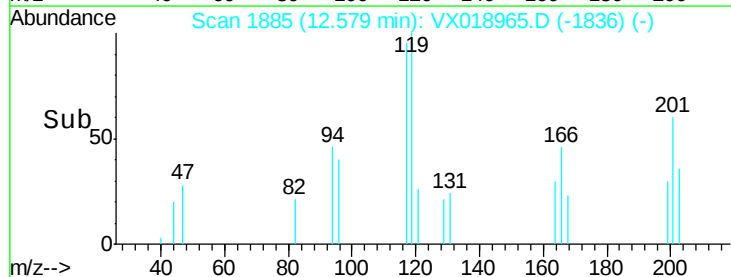
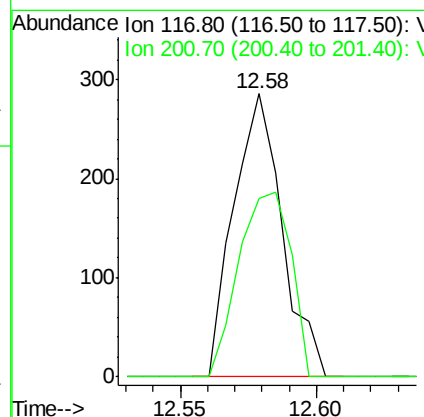
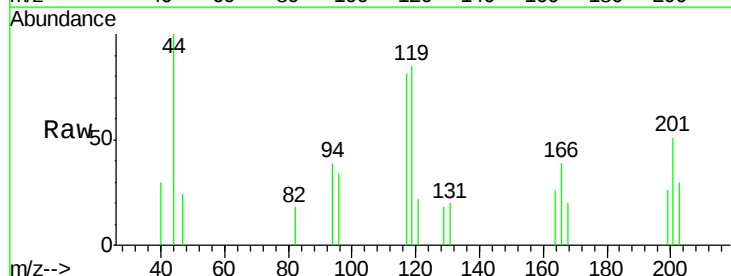
Manual Integrations
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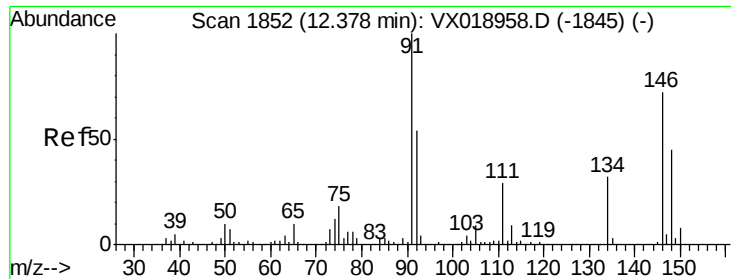
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#90
Hexachloroethane
Concen: 0.561 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.3	36.9	110.7





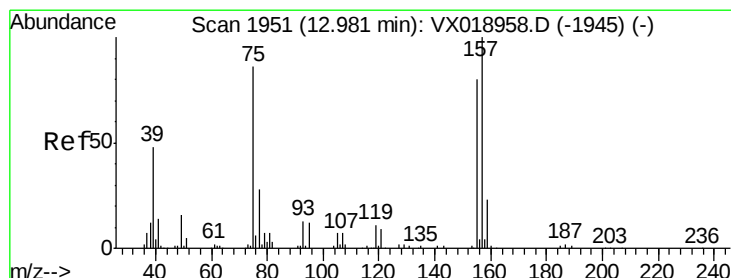
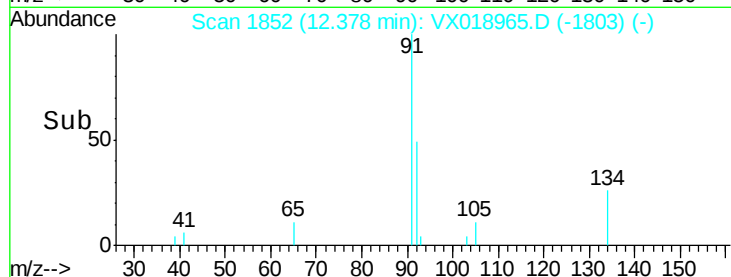
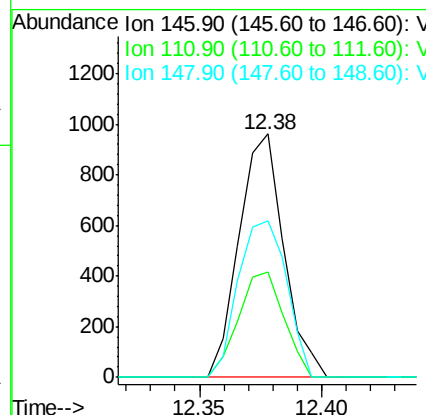
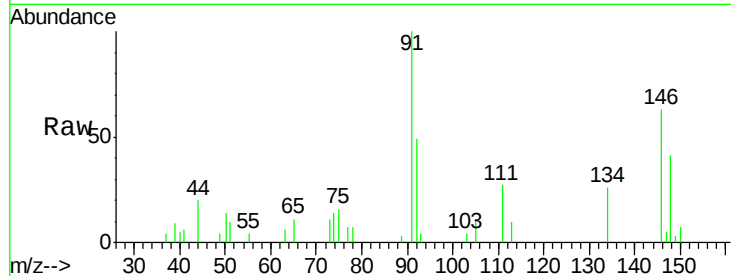
#91
 1,2-Dichlorobenzene
 Concen: 0.651 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.2	60.6
148	69.8	31.4	94.0

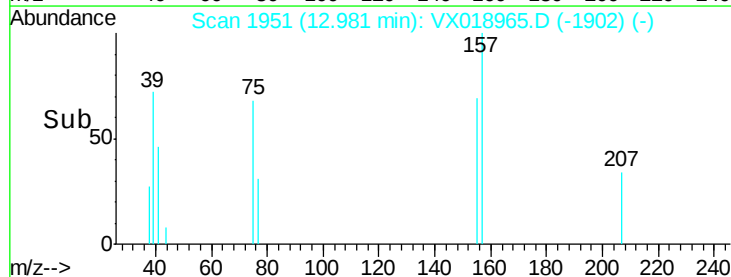
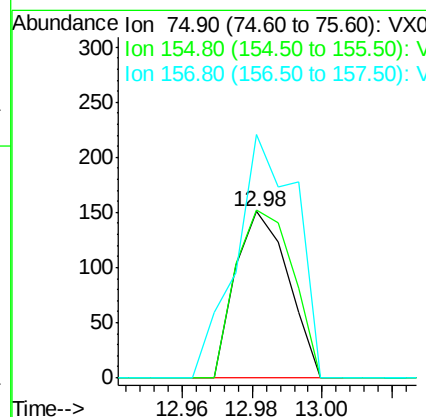
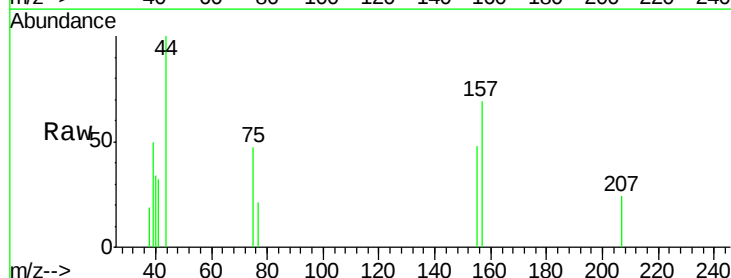
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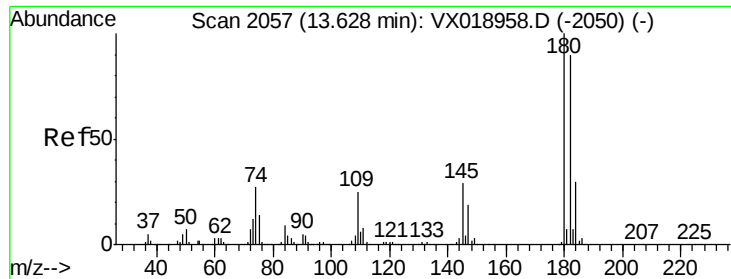
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.499 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.4	48.2	144.6
157	167.3	62.2	186.6





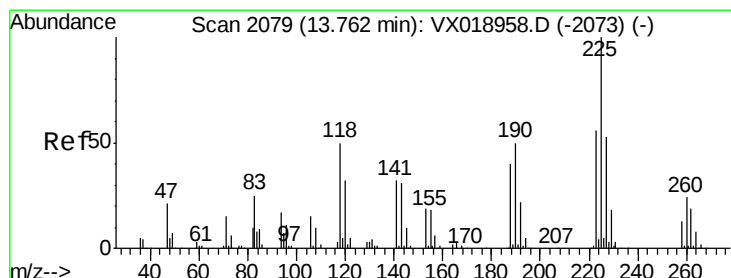
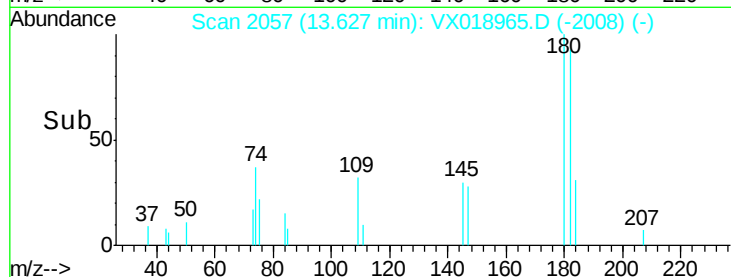
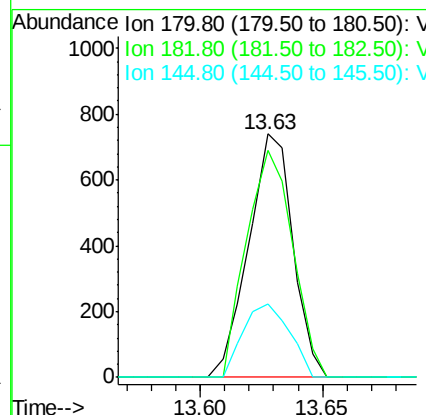
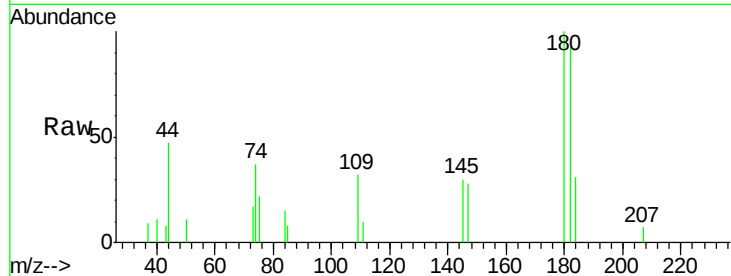
#93
 1,2,4-Trichlorobenzene
 Concen: 0.715 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.3	138.9
145	31.5	15.5	46.5

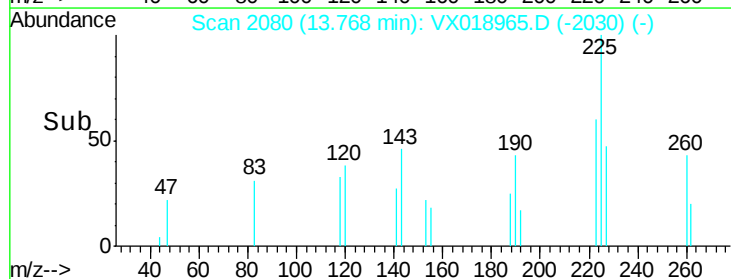
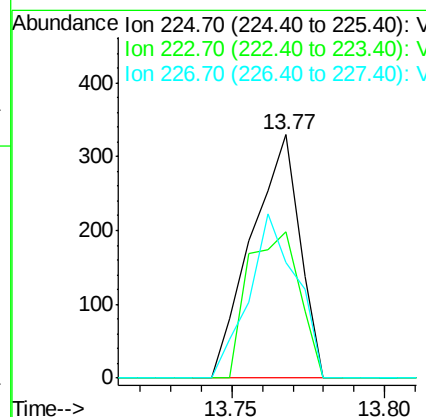
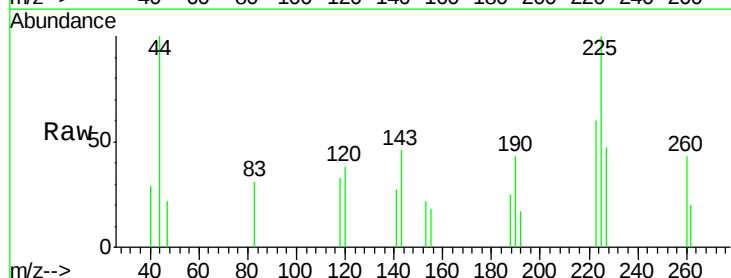
Manual Integrations
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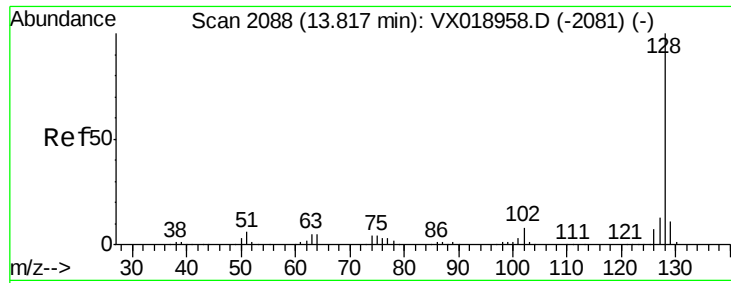
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#94
 Hexachlorobutadiene
 Concen: 0.668 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018965.D
 Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.4	94.0
227	66.0	30.9	92.8





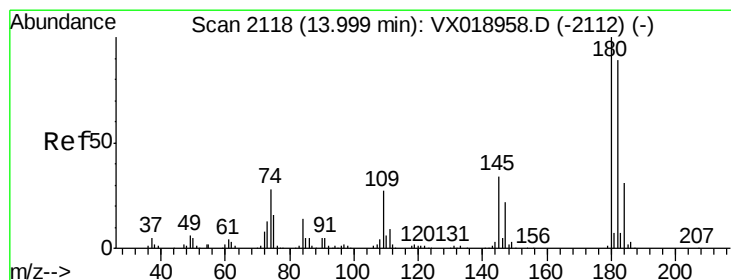
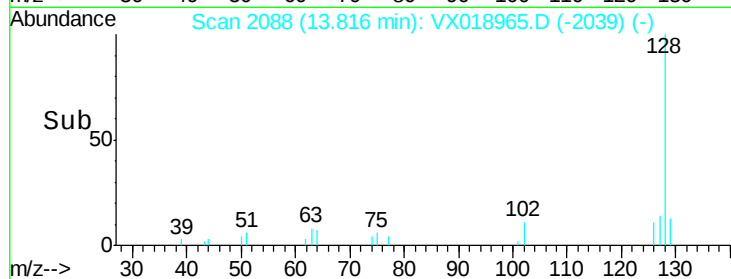
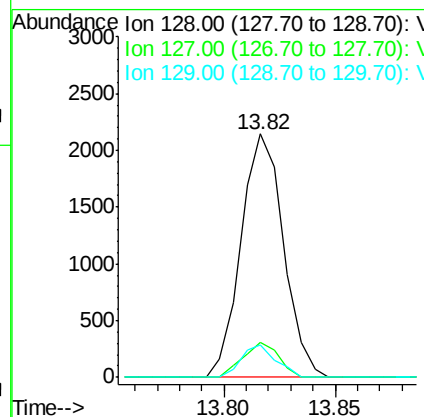
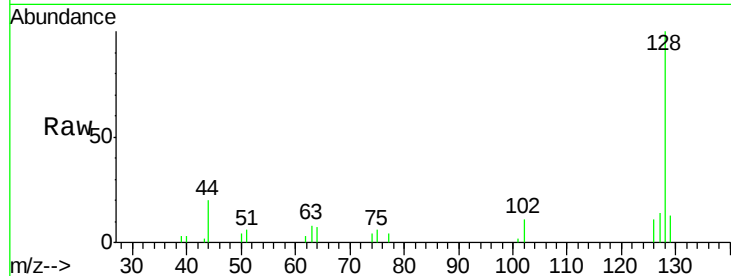
#95
Naphthalene
Concen: 0.642 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 0.670 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018965.D
Acq: 19 Oct 2020 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.0	46.6	139.7
145	33.8	17.0	51.0

