

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018968.D
 Acq On : 19 Oct 2020 22:09
 Operator : JC/SP
 Sample : L4214-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:45 PM

Quant Time: Oct 20 10:20:45 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	5.64	168	81843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	151959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	133516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	60952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	60115	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	5.46	113	48015	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	8.70	98	184306	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.12	95	62547	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	3608	4.906	ug/l 99
3) Chloromethane	1.31	50	4285	5.346	ug/l 95
4) Vinyl Chloride	1.39	62	5924	5.512	ug/l 98
5) Bromomethane	1.62	94	7352	8.210	ug/l 100
6) Chloroethane	1.71	64	4654	6.002	ug/l 97
7) Trichlorofluoromethane	1.92	101	10383	5.726	ug/l 99
8) Diethyl Ether	2.17	74	4008	5.577	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	4823	4.830	ug/l 96
10) Methyl Iodide	2.50	142	3516	3.740	ug/l 98
11) Tert butyl alcohol	3.02	59	7620	31.298	ug/l 100
12) 1,1-Dichloroethene	2.36	96	5728	5.374	ug/l 98
13) Acrolein	2.27	56	4928	30.750	ug/l 96
14) Allyl chloride	2.70	41	6875	5.345	ug/l 98
15) Acrylonitrile	3.12	53	12663	28.238	ug/l 99
16) Acetone	2.42	43	11289	24.580	ug/l 99
17) Carbon Disulfide	2.55	76	12588	5.199	ug/l 97
18) Methyl Acetate	2.75	43	5658	5.563	ug/l 94
19) Methyl tert-butyl Ether	3.17	73	14908	5.431	ug/l 96
20) Methylene Chloride	2.84	84	5394	5.556	ug/l 100
21) trans-1,2-Dichloroethene	3.14	96	5258	5.384	ug/l 99
22) Diisopropyl ether	3.83	45	12942	5.440	ug/l 93
23) Vinyl Acetate	3.79	43	62531	27.226	ug/l 99
24) 1,1-Dichloroethane	3.67	63	9117	5.591	ug/l 97
25) 2-Butanone	4.64	43	18604	28.159	ug/l 99
26) 2,2-Dichloropropane	4.55	77	7282	4.768	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	6132	5.413	ug/l 96
28) Bromochloromethane	4.98	49	4031	5.871	ug/l # 95
29) Tetrahydrofuran	5.10	42	11045	28.450	ug/l 96
30) Chloroform	5.17	83	9619	5.454	ug/l 98
31) Cyclohexane	5.54	56	7109	5.516	ug/l 96
32) 1,1,1-Trichloroethane	5.46	97	8756	5.497	ug/l 99
36) 1,1-Dichloropropene	5.77	75	7279	5.038	ug/l 99
37) Ethyl Acetate	4.81	43	7142	5.004	ug/l 99
38) Carbon Tetrachloride	5.76	117	7430	4.987	ug/l 99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	7806	5.027	ug/l	98
40) Benzene	6.12	78	21245	5.110	ug/l	93
41) Methacrylonitrile	5.00	41	3941	5.336	ug/l	96
42) 1,2-Dichloroethane	6.16	62	7650	5.365	ug/l	98
43) Isopropyl Acetate	6.42	43	12427	5.403	ug/l	97
44) Trichloroethene	7.19	130	5774	5.027	ug/l	100
45) 1,2-Dichloropropane	7.49	63	5181	5.038	ug/l	98
46) Dibromomethane	7.63	93	3716	5.052	ug/l	99
47) Bromodichloromethane	7.88	83	7505	5.050	ug/l	97
48) Methyl methacrylate	7.75	41	5753	5.394	ug/l	94
49) 1,4-Dioxane	7.72	88	2486	101.730	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	34954	26.153	ug/l	98
52) Toluene	8.76	92	13519	5.029	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	8016	4.747	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	8855	4.969	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	5133	4.867	ug/l	93
56) Ethyl methacrylate	9.16	69	7903	4.881	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	9133	5.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	21595	24.161	ug/l	98
59) 2-Hexanone	9.48	43	26544	26.127	ug/l	95
60) Dibromochloromethane	9.57	129	5590	4.788	ug/l	94
61) 1,2-Dibromoethane	9.65	107	5617	4.916	ug/l	97
64) Tetrachloroethene	9.32	164	4724	5.008	ug/l	96
65) Chlorobenzene	10.12	112	14145	5.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	4920	4.800	ug/l	97
67) Ethyl Benzene	10.24	91	24779	5.109	ug/l	99
68) m/p-Xylenes	10.34	106	18487	9.834	ug/l	94
69) o-Xylene	10.68	106	8967	4.943	ug/l	97
70) Styrene	10.70	104	14662	4.806	ug/l	98
71) Bromoform	10.84	173	3662	4.459	ug/l #	98
73) Isopropylbenzene	11.00	105	23565	5.336	ug/l	97
74) N-amyl acetate	10.88	43	9173	5.533	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.25	83	7867	5.467	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	7298m	5.509	ug/l	
77) Bromobenzene	11.24	156	5365	5.013	ug/l	89
78) n-propylbenzene	11.34	91	26941	5.336	ug/l	97
79) 2-Chlorotoluene	11.40	91	16023	5.437	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	19233	5.218	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	2657	5.052	ug/l	90
82) 4-Chlorotoluene	11.49	91	18486	5.219	ug/l	96
83) tert-Butylbenzene	11.76	119	18535	5.038	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	19423	5.274	ug/l	98
85) sec-Butylbenzene	11.93	105	22607	5.225	ug/l	98
86) p-Isopropyltoluene	12.05	119	19722	4.985	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	9789	4.874	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	9952	4.766	ug/l	89
89) n-Butylbenzene	12.37	91	18615	5.162	ug/l	96
90) Hexachloroethane	12.58	117	3211	4.973	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	9609	4.976	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1800	5.502	ug/l	83

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LOQ-WATER-02-QT4-2020

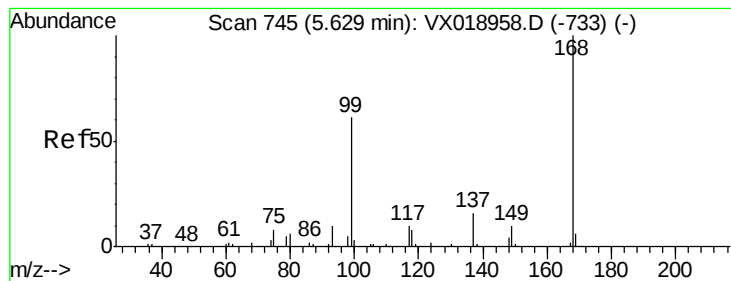
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6170	4.613	ug/l	98
94) Hexachlorobutadiene	13.76	225	2566	4.613	ug/l	95
95) Naphthalene	13.82	128	22229	4.879	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	5789	4.471	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:168 Resp: 81843

Ion Ratio Lower Upper

168 100

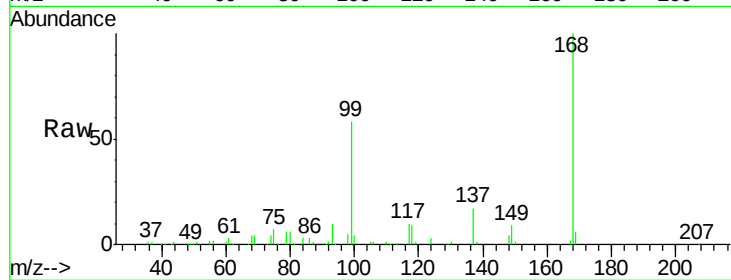
99 58.2 48.5 72.7

Manual Integrations

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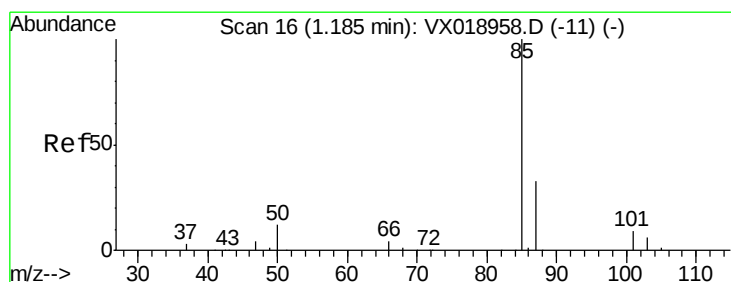
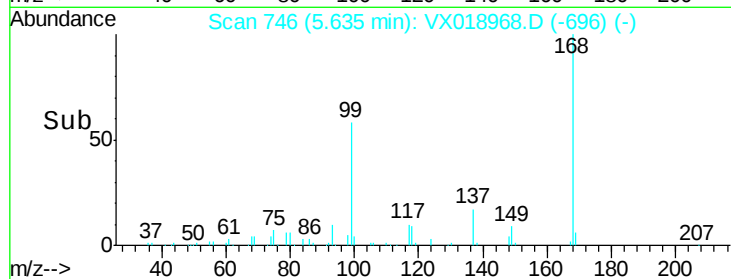
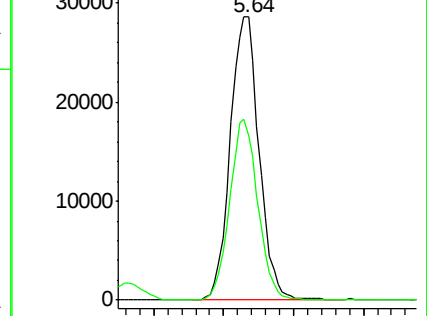
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.906 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018968.D

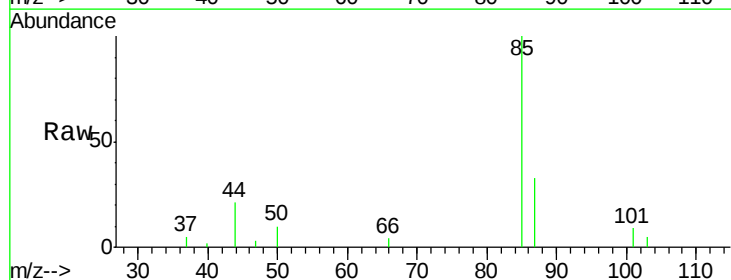
Acq: 19 Oct 2020 22:09

Tgt Ion: 85 Resp: 3608

Ion Ratio Lower Upper

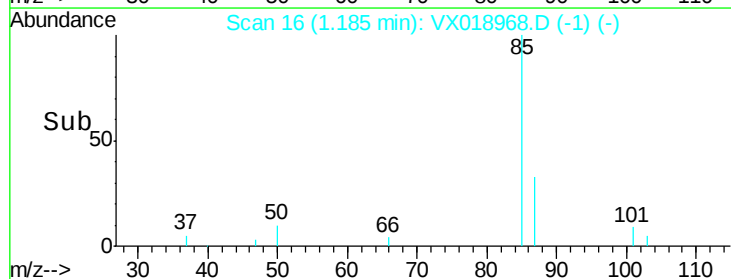
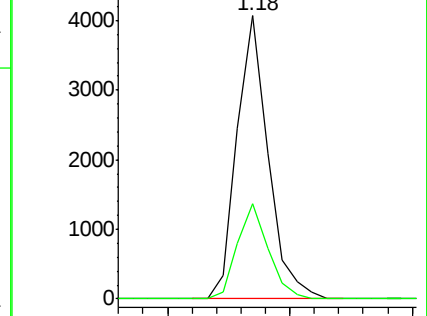
85 100

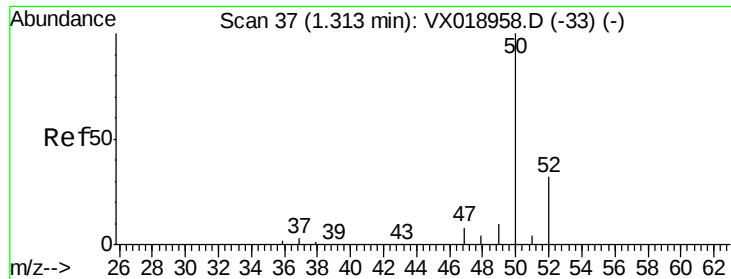
87 33.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.346 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 50 Resp: 4285

Ion Ratio Lower Upper

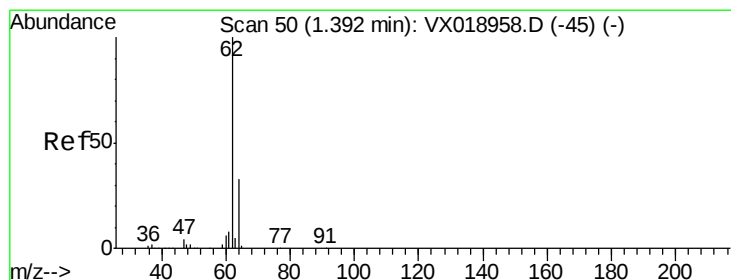
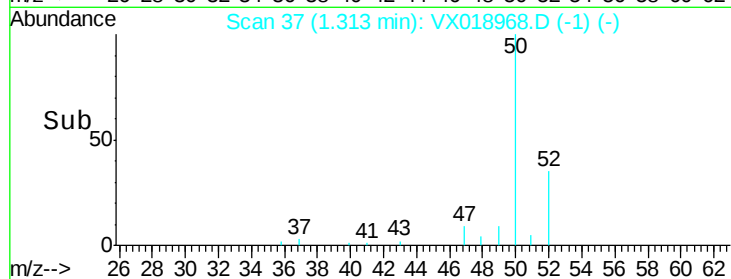
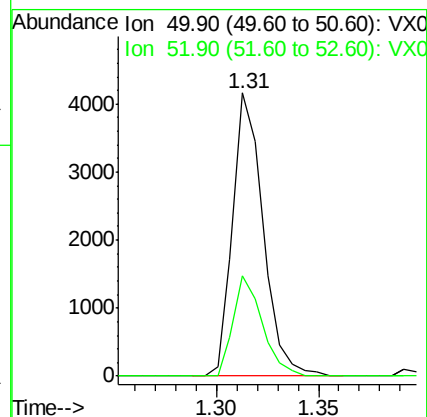
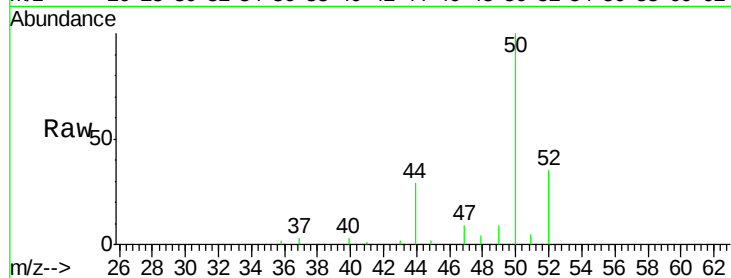
50 100

52 35.3 25.9 38.9

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#4

Vinyl Chloride

Concen: 5.512 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018968.D

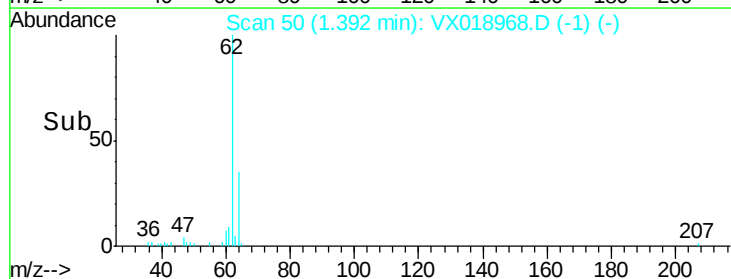
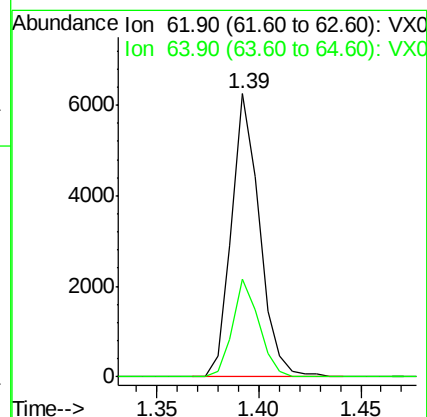
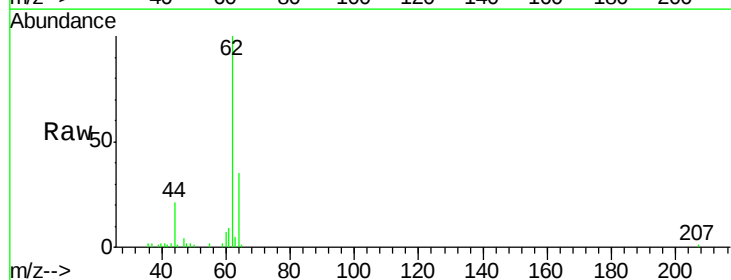
Acq: 19 Oct 2020 22:09

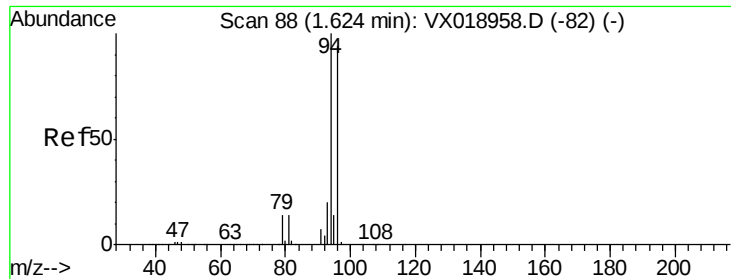
Tgt Ion: 62 Resp: 5924

Ion Ratio Lower Upper

62 100

64 34.6 26.7 40.1





#5

Bromomethane

Concen: 8.210 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 94 Resp: 7352

Ion Ratio Lower Upper

94 100

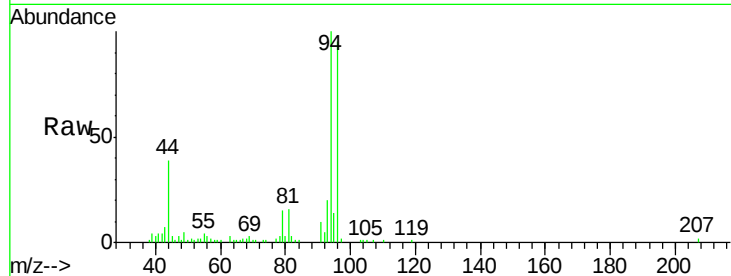
96 94.2 75.2 112.8

Manual Integrations

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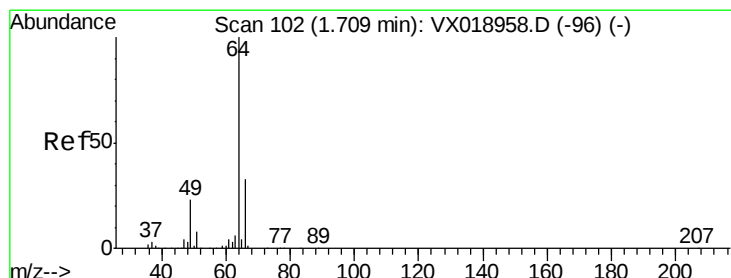
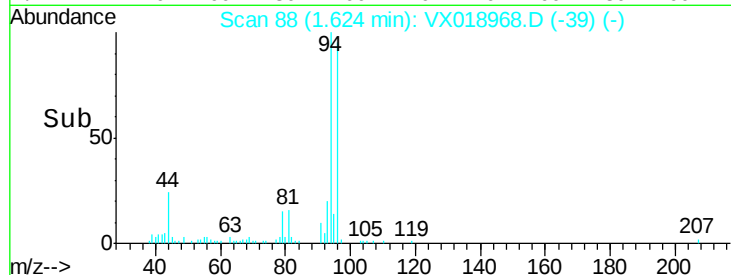
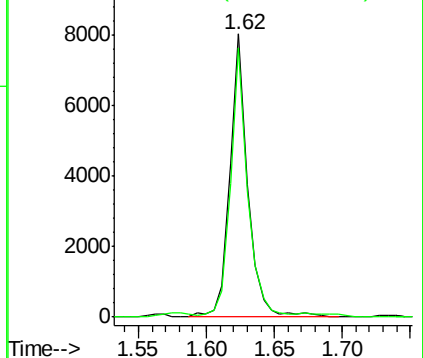
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.002 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018968.D

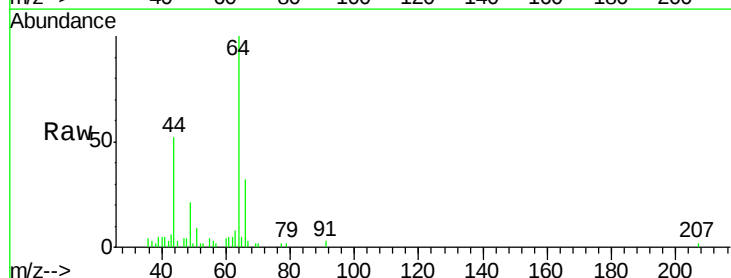
Acq: 19 Oct 2020 22:09

Tgt Ion: 64 Resp: 4654

Ion Ratio Lower Upper

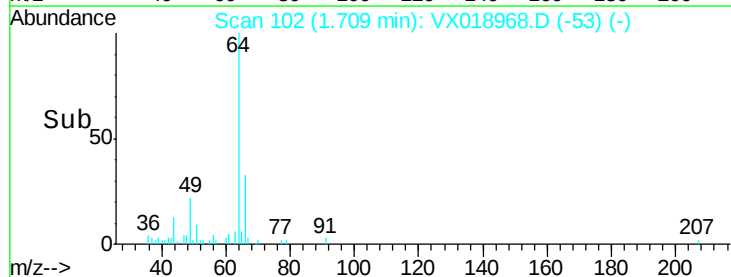
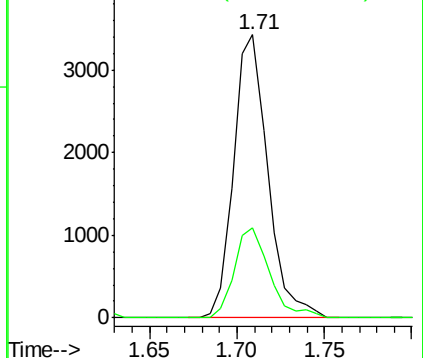
64 100

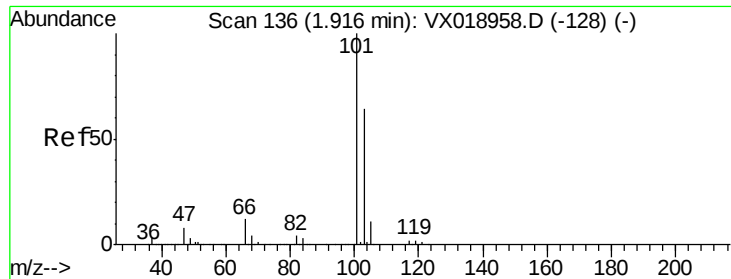
66 31.8 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

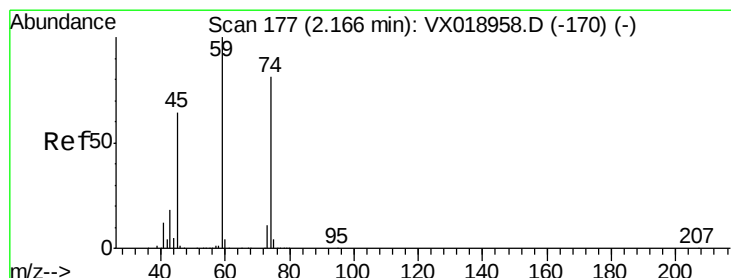
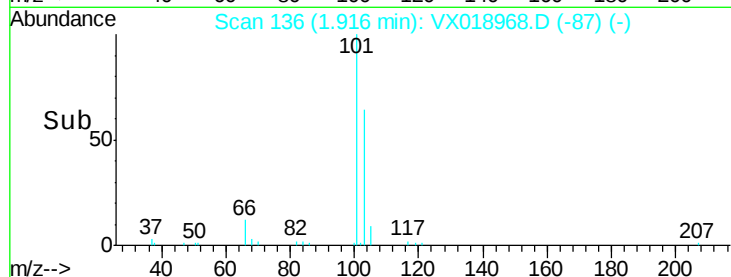
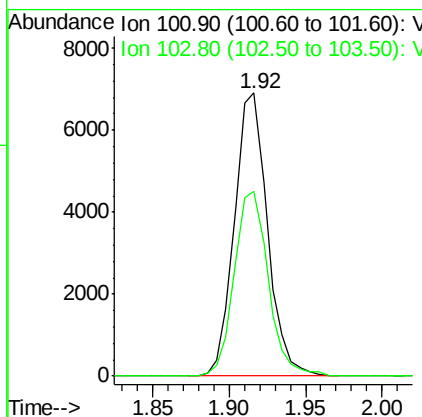
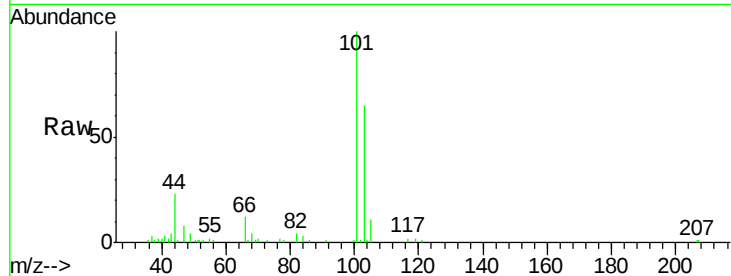
Trichlorofluoromethane
Concen: 5.726 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
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LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9

Manual Integrations
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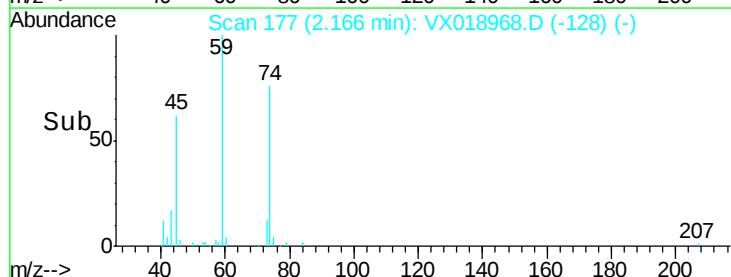
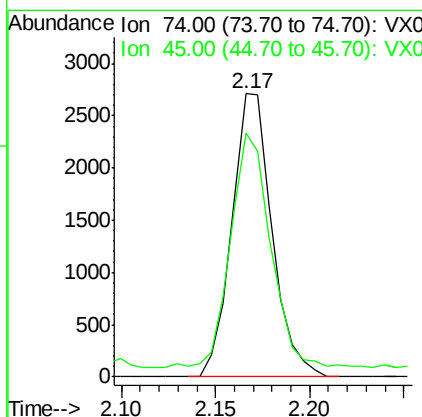
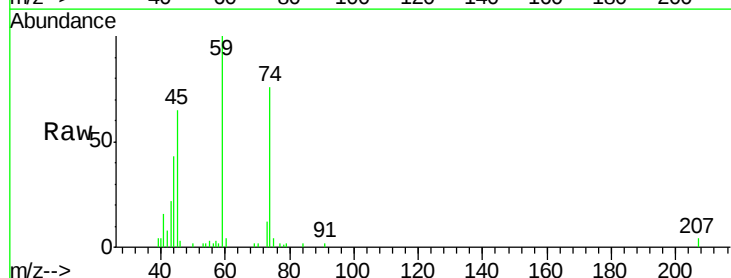
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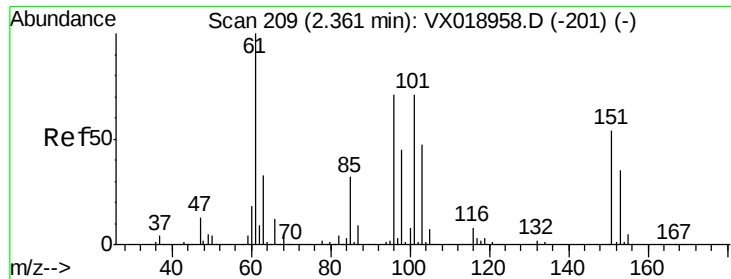


#8

Diethyl Ether
Concen: 5.577 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.1	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.830 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

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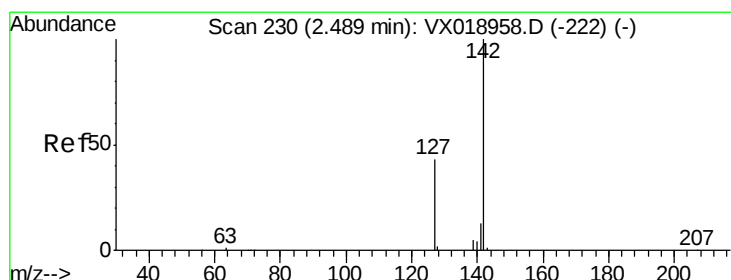
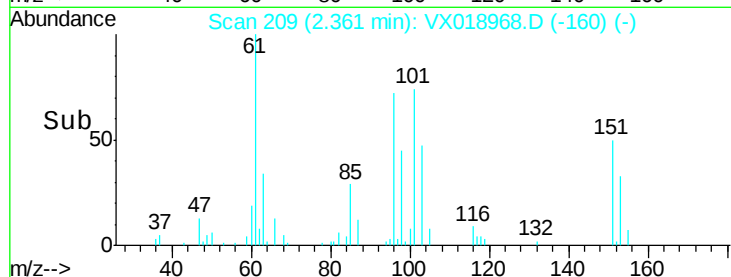
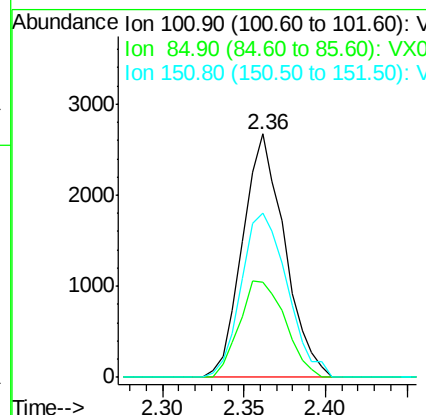
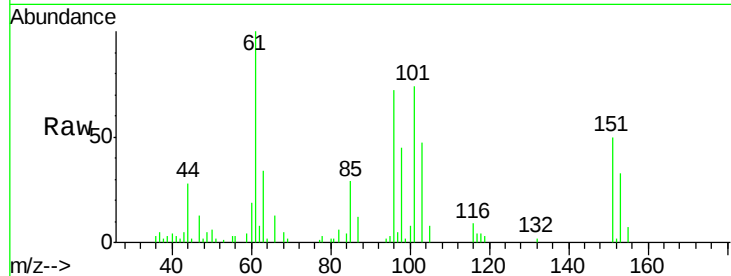
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	101	Resp:	4823
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.1	52.7
151	73.5	62.1	93.1

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#10

Methyl Iodide

Concen: 3.740 ug/l

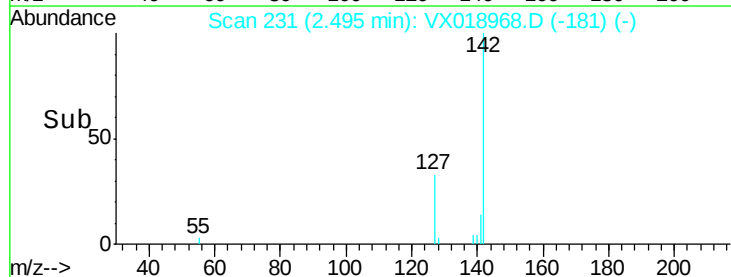
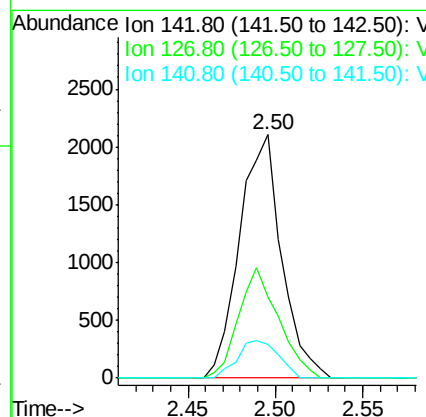
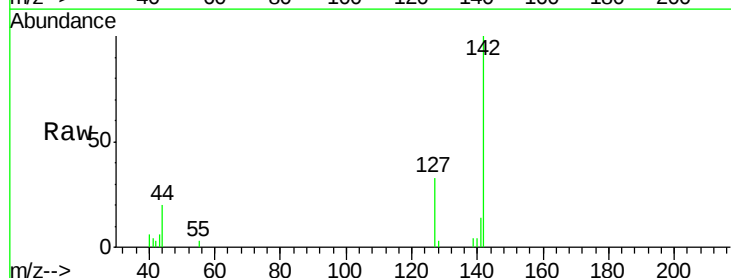
RT: 2.50 min Scan# 231

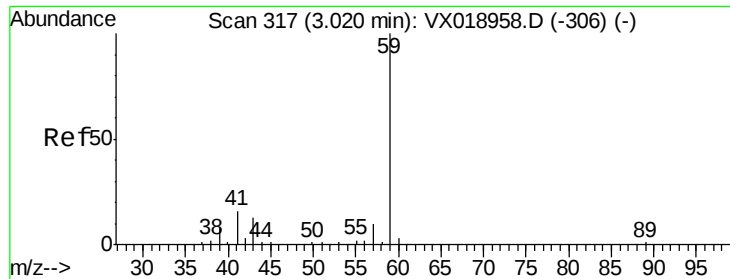
Delta R.T. 0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	142	Resp:	3516
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.9	53.9
141	14.9	11.6	17.4





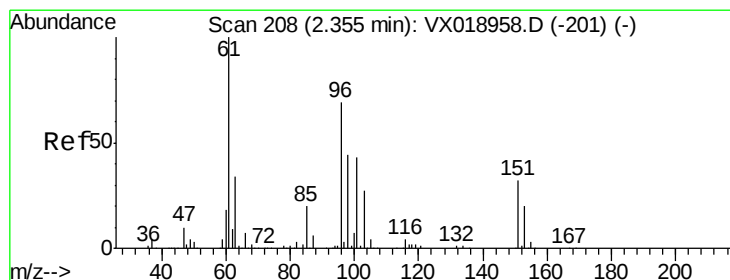
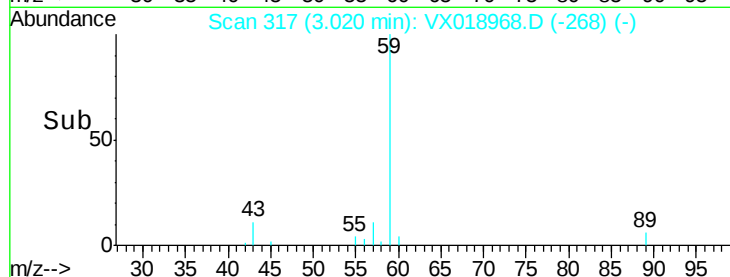
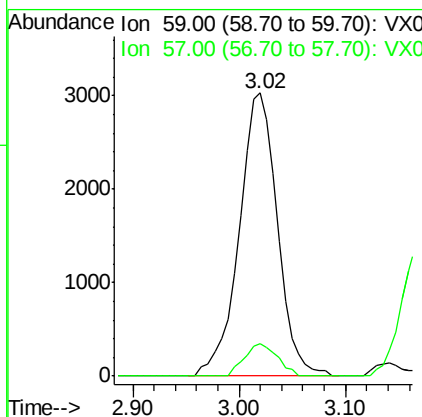
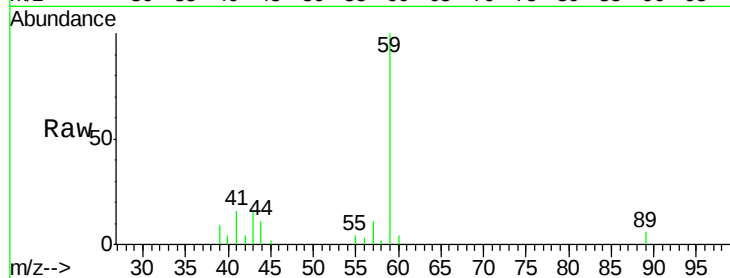
#11
Tert butyl alcohol
Concen: 31.298 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 59 Resp: 7620
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

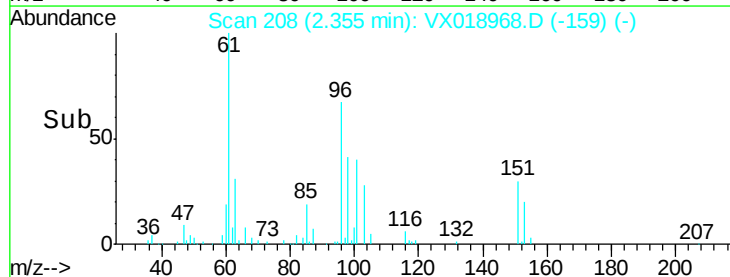
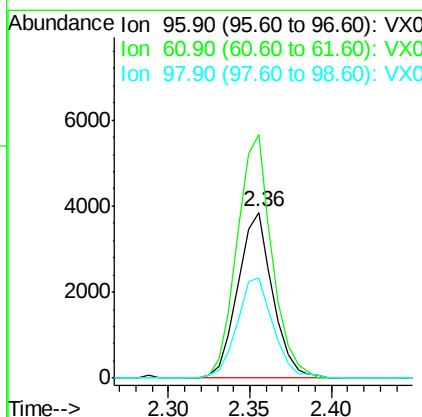
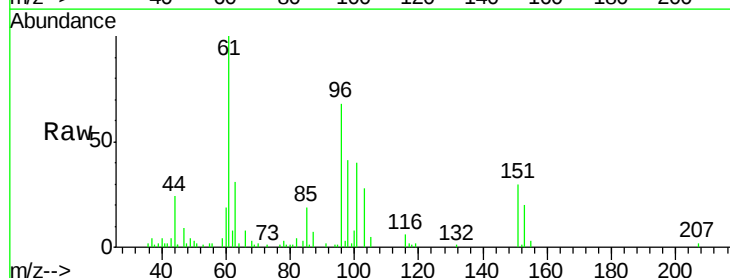
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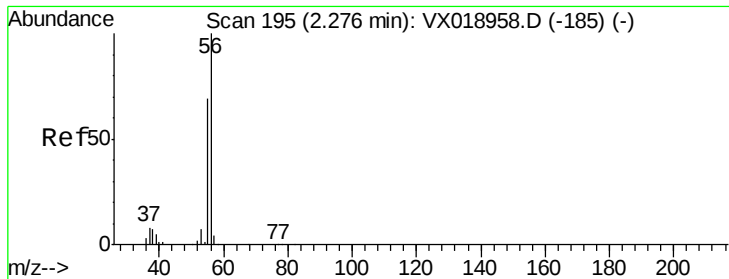
MMDadoda
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#12
1,1-Dichloroethene
Concen: 5.374 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion: 96 Resp: 5728
Ion Ratio Lower Upper
96 100
61 146.6 116.2 174.2
98 60.6 50.9 76.3





#13

Acrolein

Concen: 30.750 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 4928

Ion Ratio Lower Upper

56 100

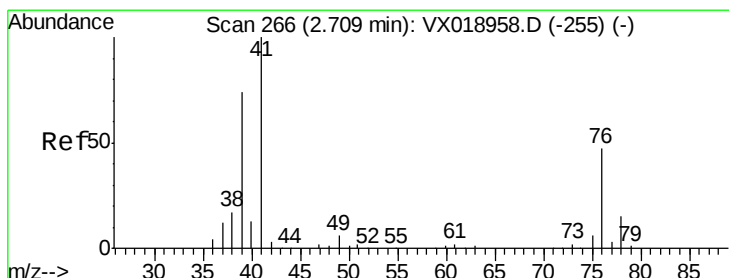
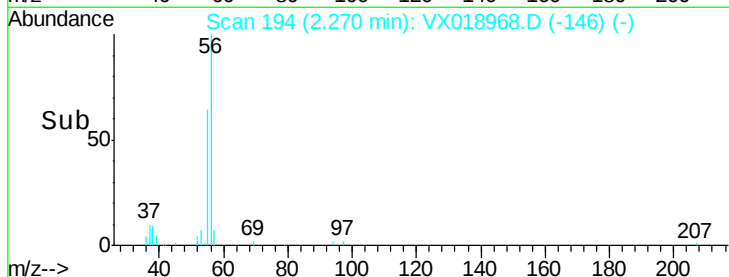
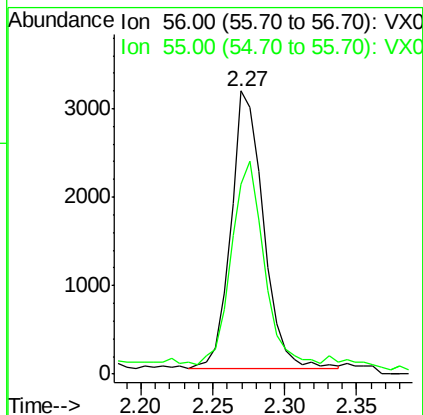
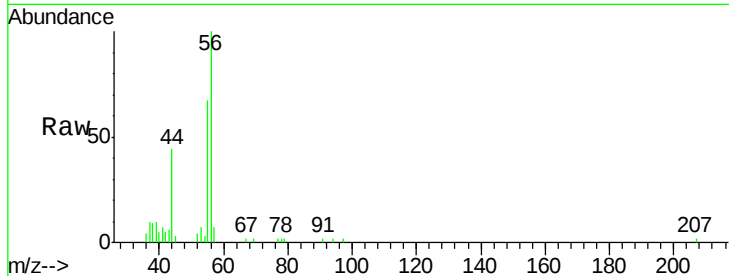
55 73.5 56.2 84.2

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#14

Allyl chloride

Concen: 5.345 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

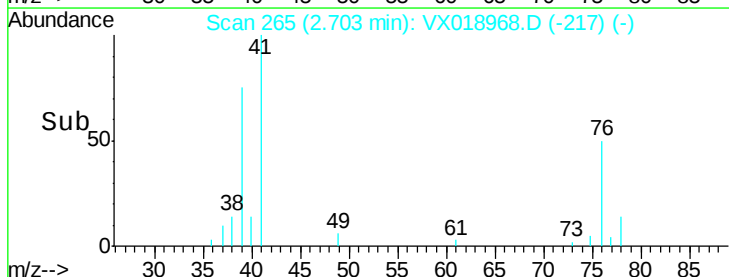
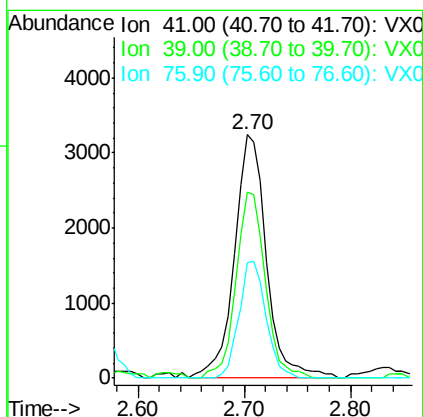
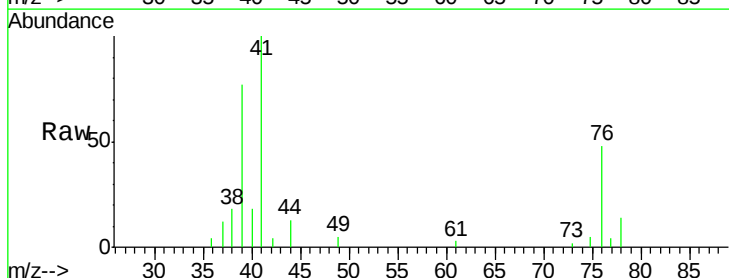
Tgt Ion: 41 Resp: 6875

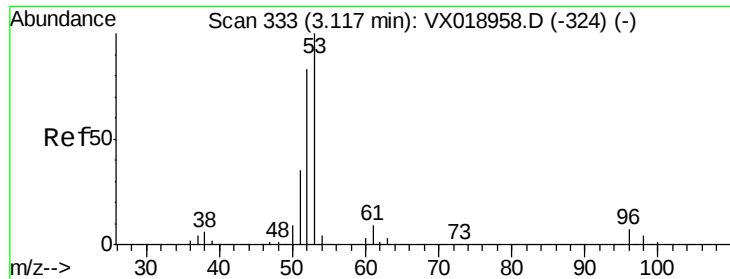
Ion Ratio Lower Upper

41 100

39 69.7 55.4 83.2

76 40.5 34.1 51.1





#15

Acrylonitrile

Concen: 28.238 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

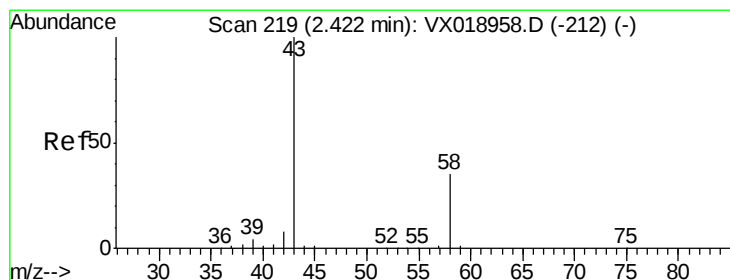
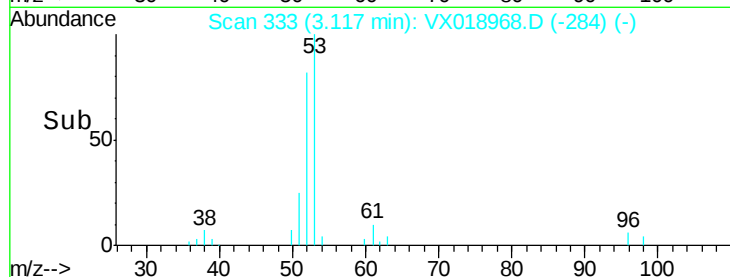
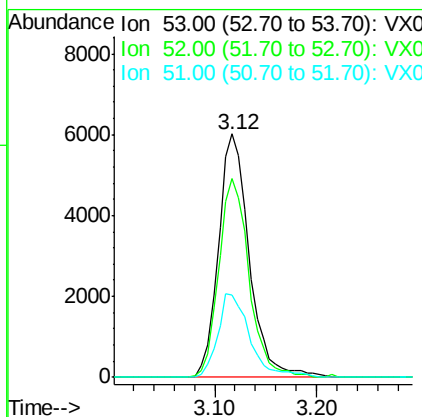
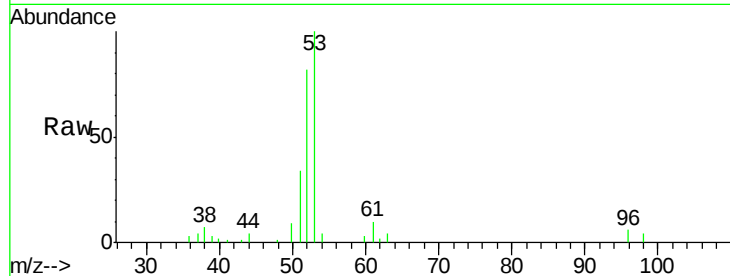
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	53	Resp:	12663
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.3	97.9
51	35.8	28.6	43.0

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#16

Acetone

Concen: 24.580 ug/l

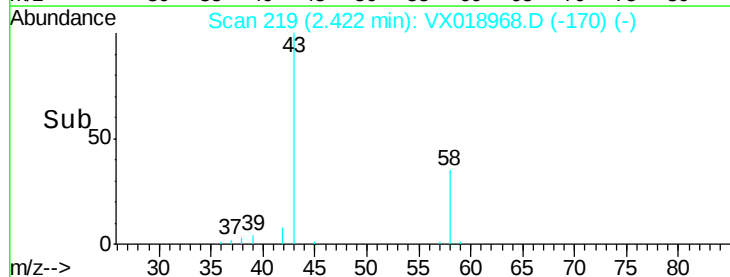
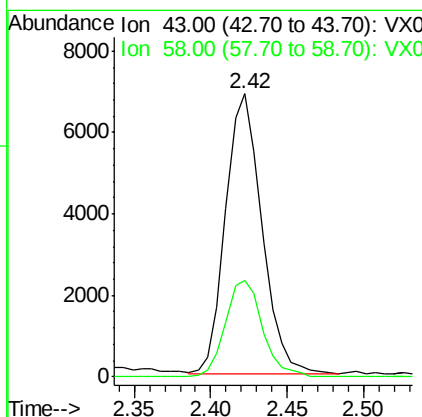
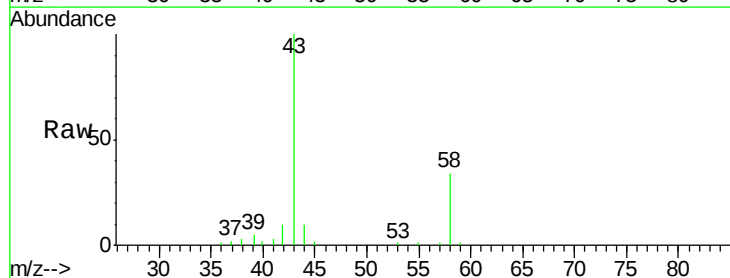
RT: 2.42 min Scan# 219

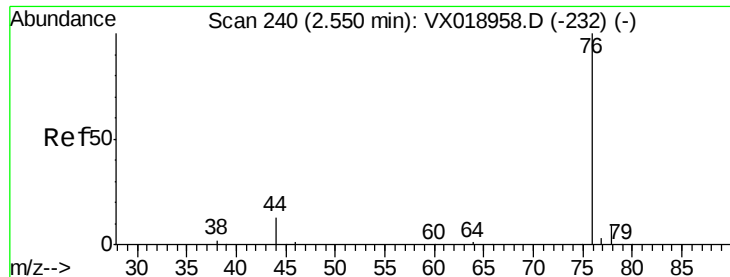
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	43	Resp:	11289
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.8	41.8





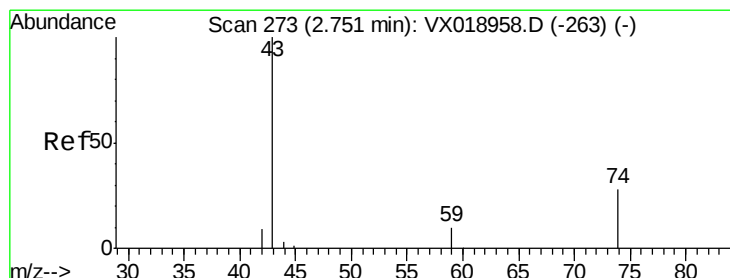
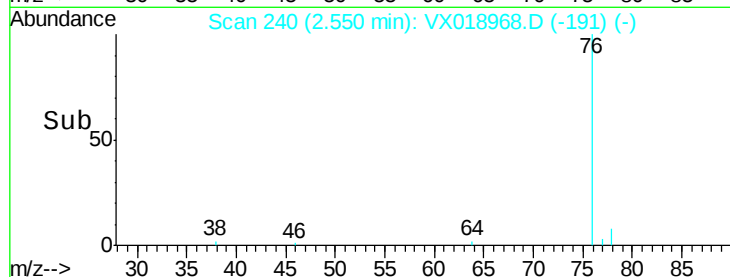
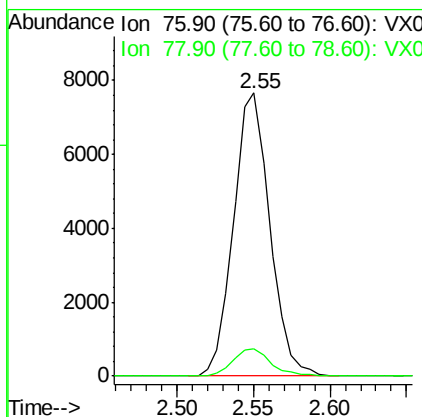
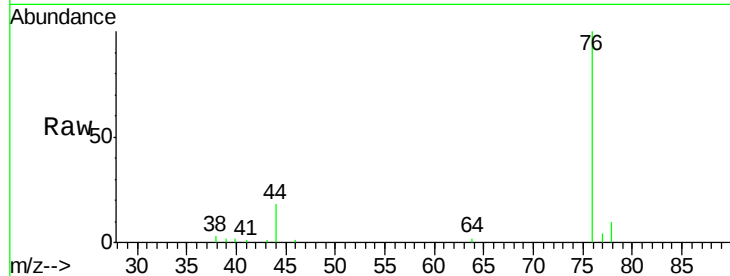
#17
Carbon Disulfide
Concen: 5.199 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.9	10.3

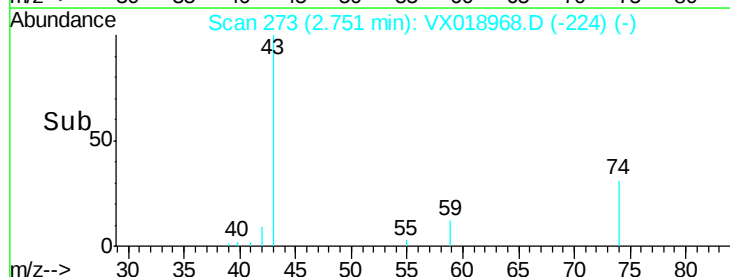
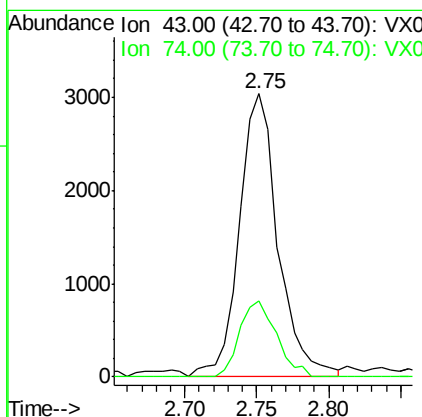
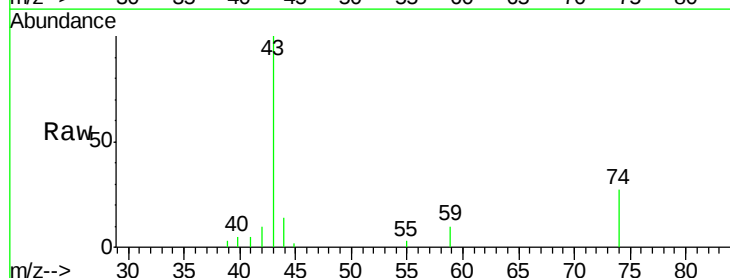
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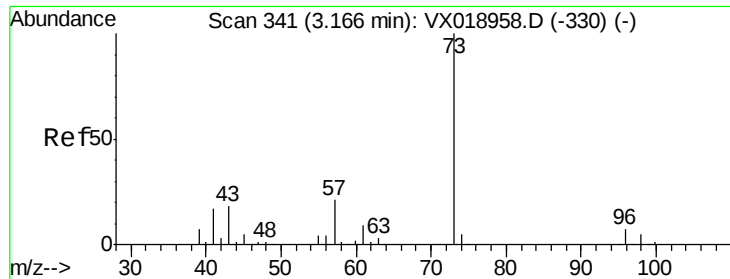
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#18
Methyl Acetate
Concen: 5.563 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	23.0	34.6





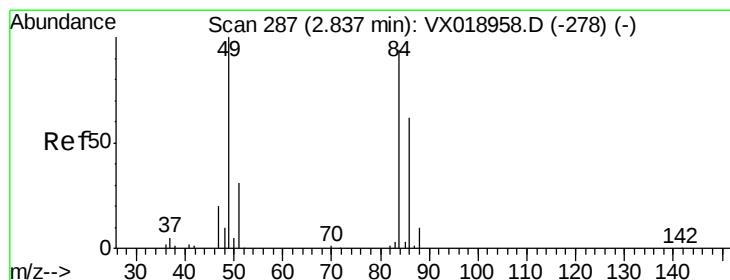
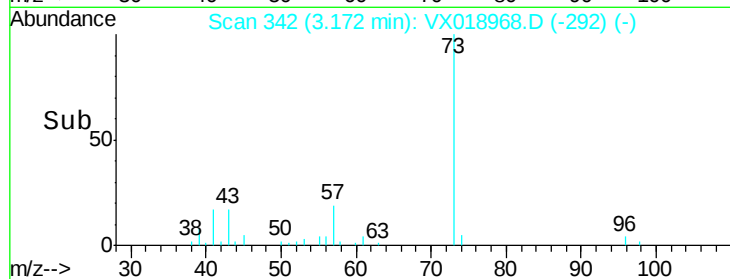
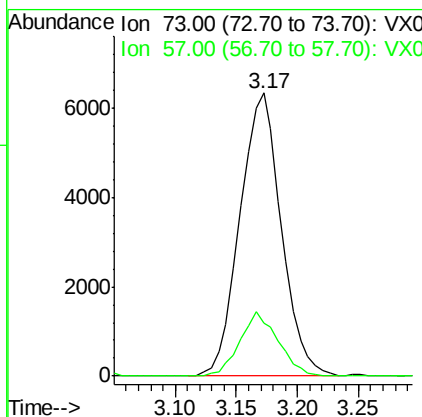
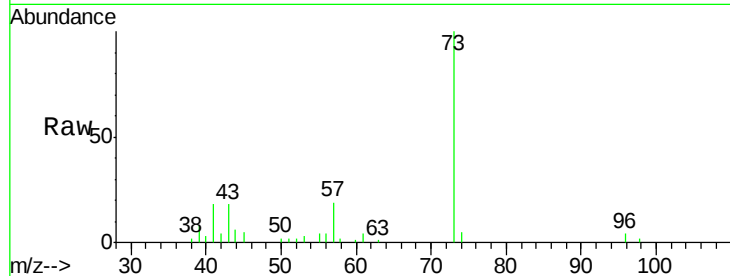
#19
Methyl tert-butyl Ether
Concen: 5.431 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.9	16.6	25.0

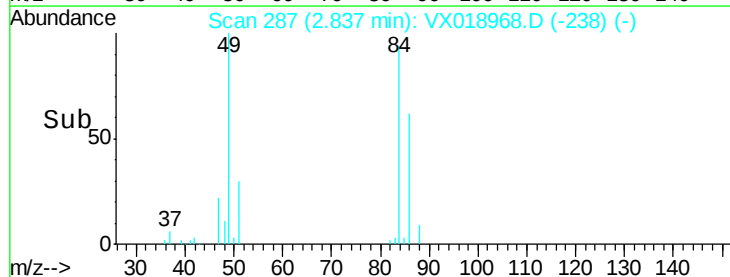
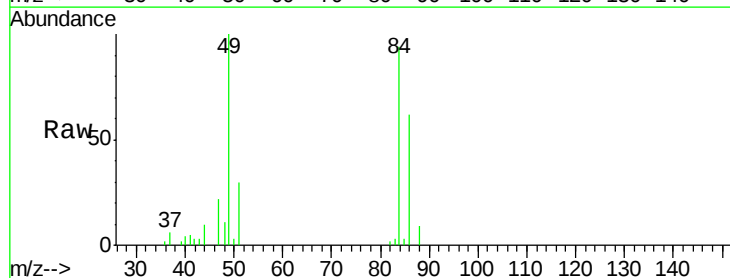
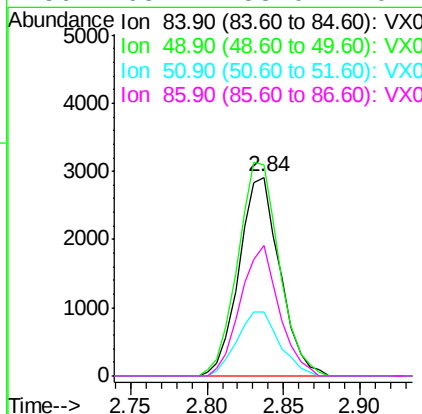
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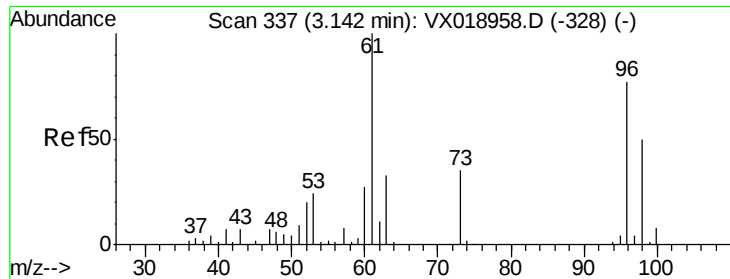
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#20
Methylene Chloride
Concen: 5.556 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	85.1	127.7
51	32.3	26.0	39.0
86	65.7	53.0	79.4





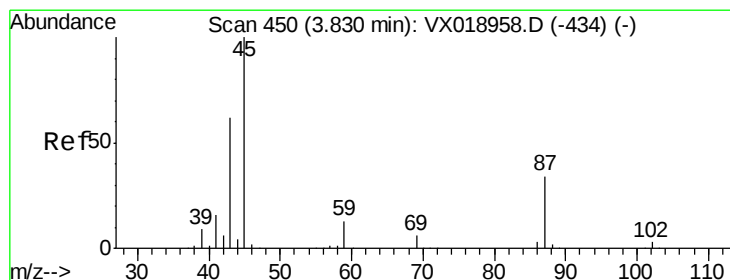
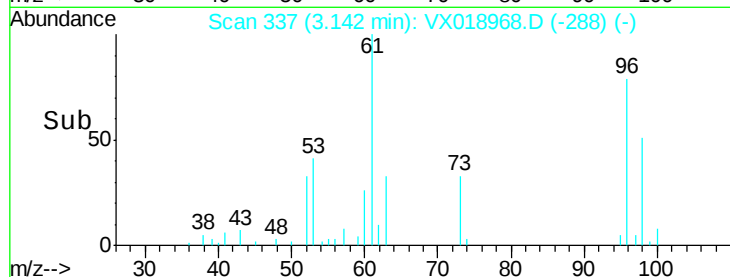
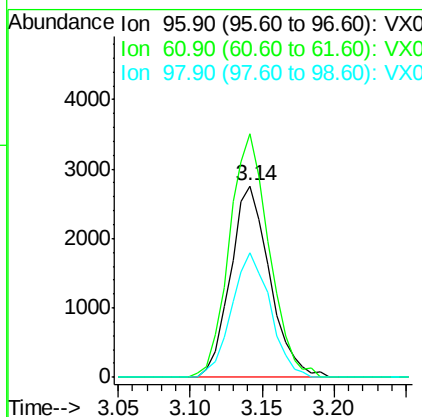
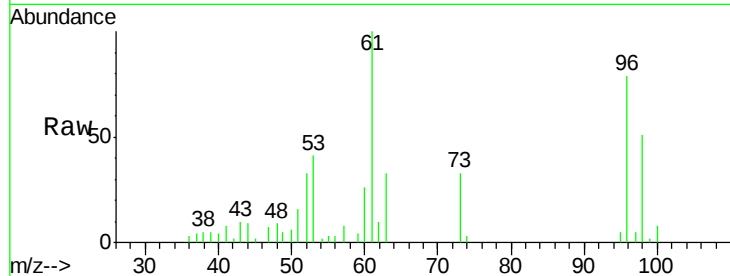
#21
trans-1,2-Dichloroethene
Concen: 5.384 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	103.4	155.0
98	65.1	51.7	77.5

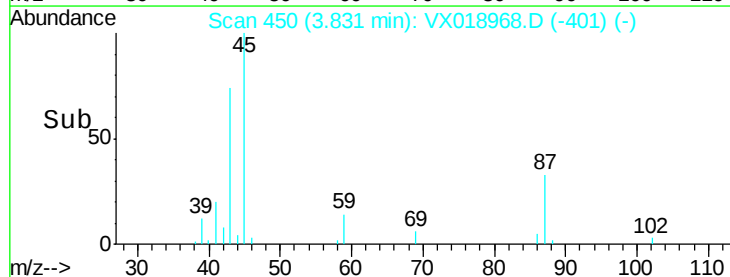
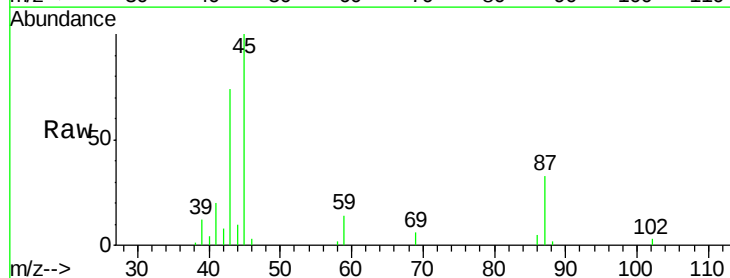
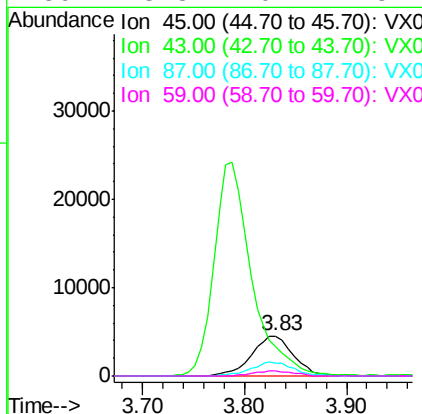
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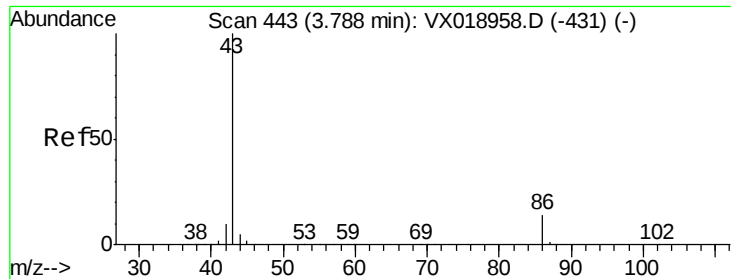
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#22
Diisopropyl ether
Concen: 5.440 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.0	49.7	74.5
87	33.3	27.4	41.2
59	13.8	10.1	15.1





#23

Vinyl Acetate

Concen: 27.226 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 62531

Ion Ratio Lower Upper

43 100

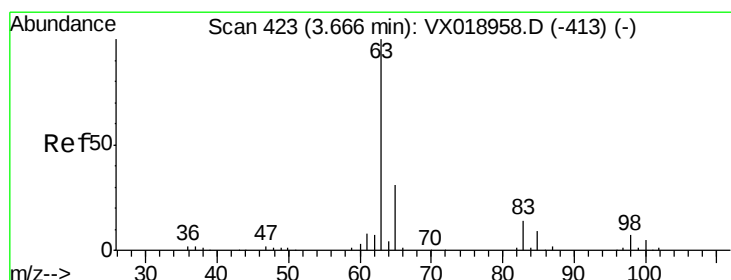
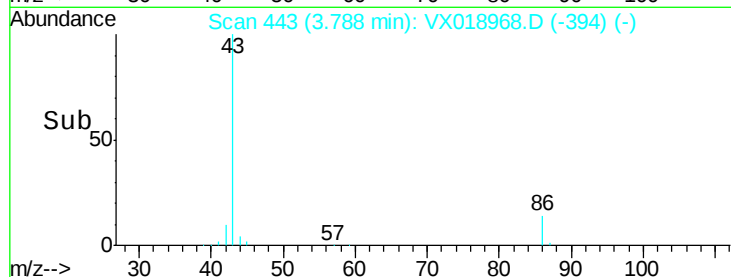
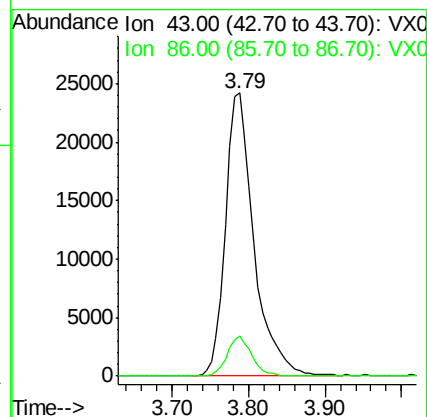
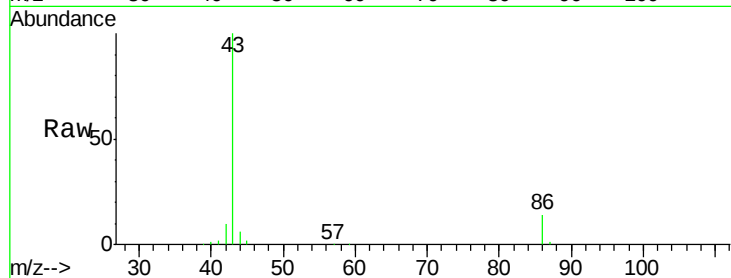
86 14.2 10.9 16.3

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#24

1,1-Dichloroethane

Concen: 5.591 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

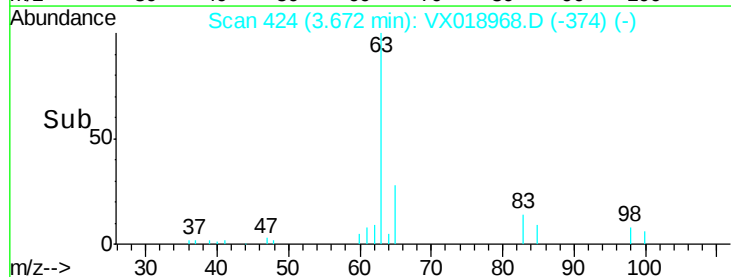
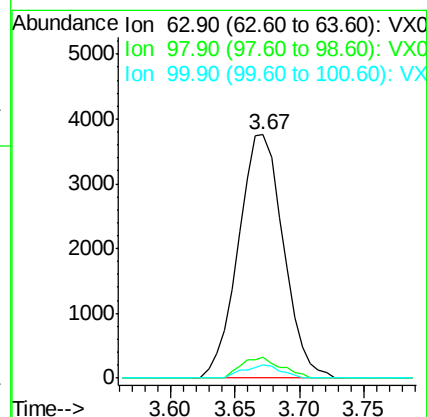
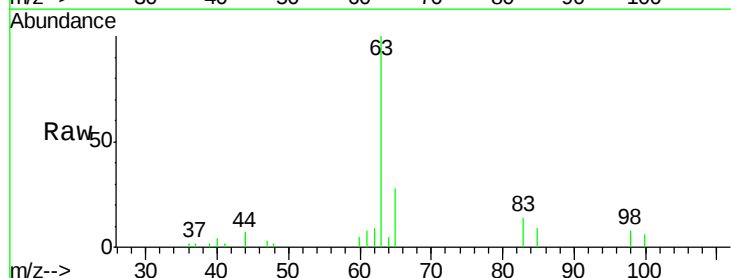
Tgt Ion: 63 Resp: 9117

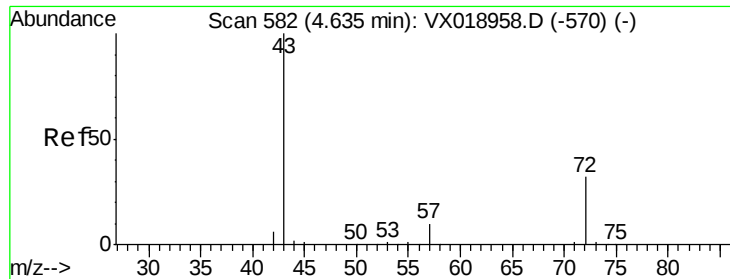
Ion Ratio Lower Upper

63 100

98 8.5 3.6 10.9

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 28.159 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 18604

Ion Ratio Lower Upper

43 100

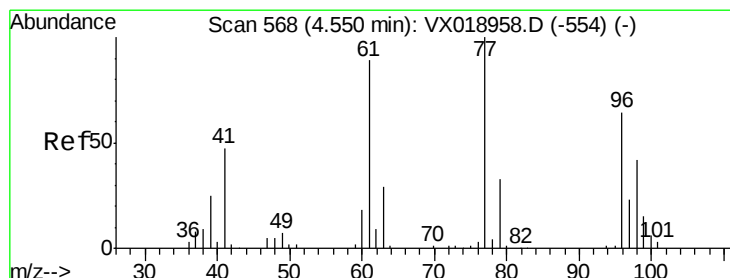
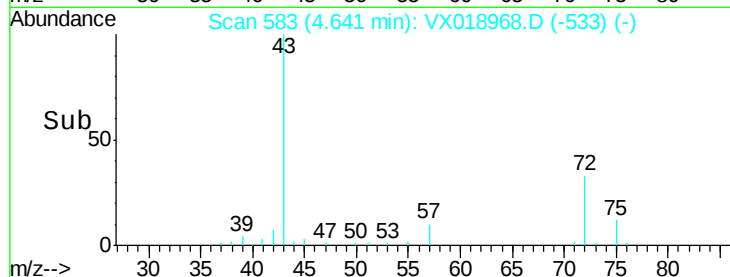
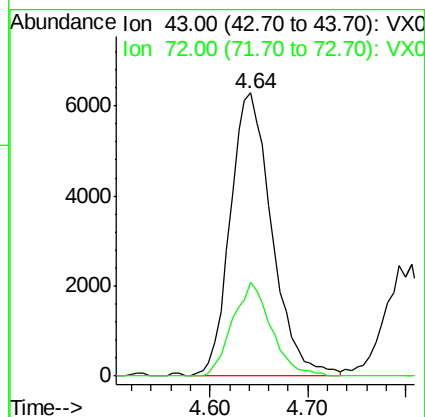
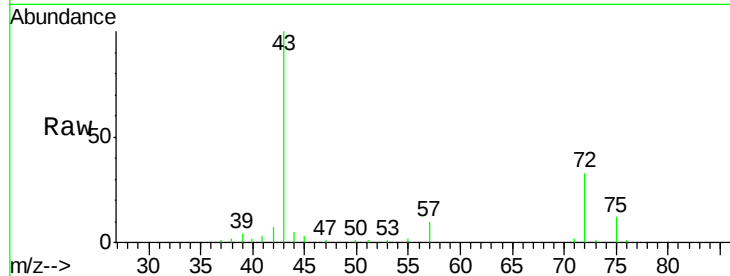
72 33.0 25.8 38.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.768 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018968.D

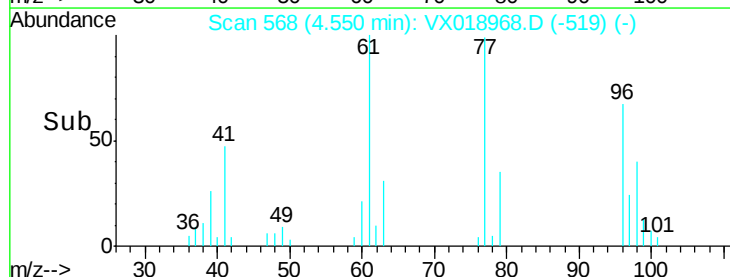
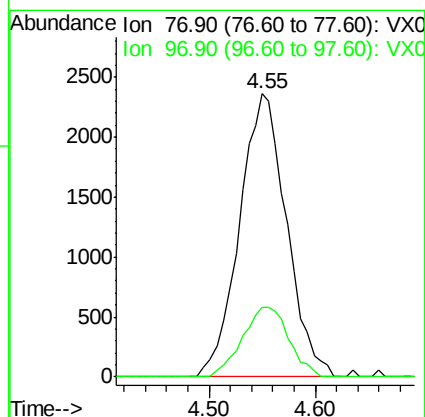
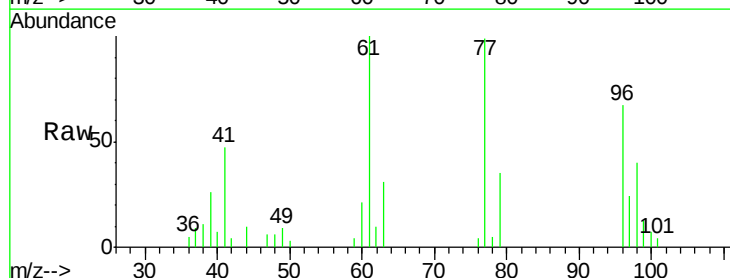
Acq: 19 Oct 2020 22:09

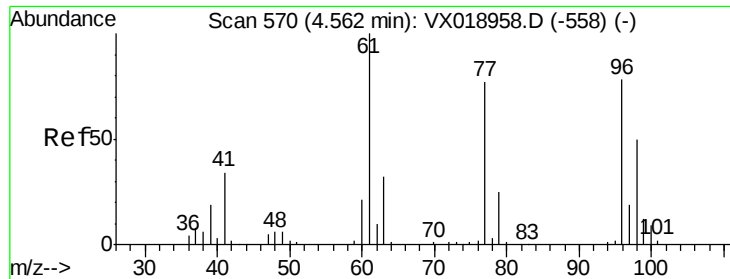
Tgt Ion: 77 Resp: 7282

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

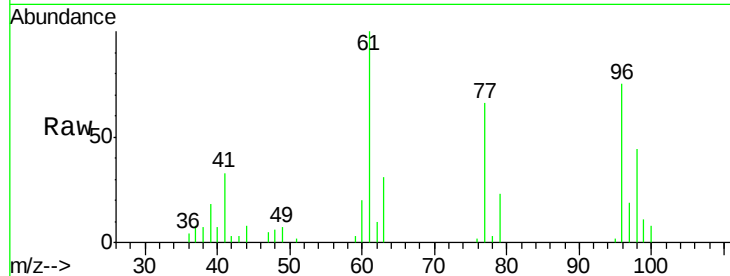
cis-1,2-Dichloroethene
Concen: 5.413 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

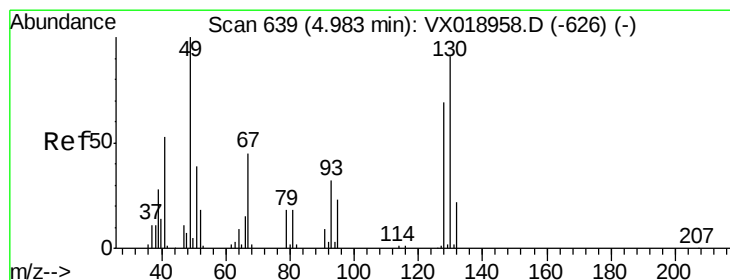
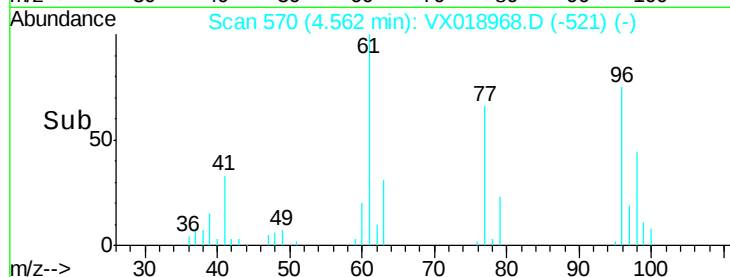
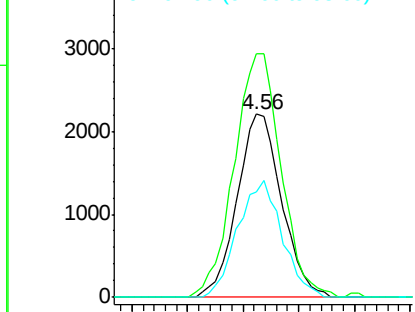
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	265.2
98	63.7	0.0	128.4

Manual Integrations
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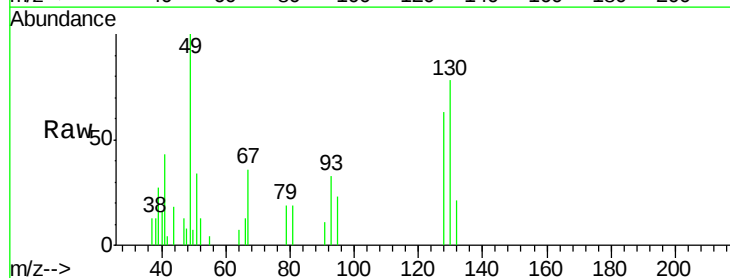
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



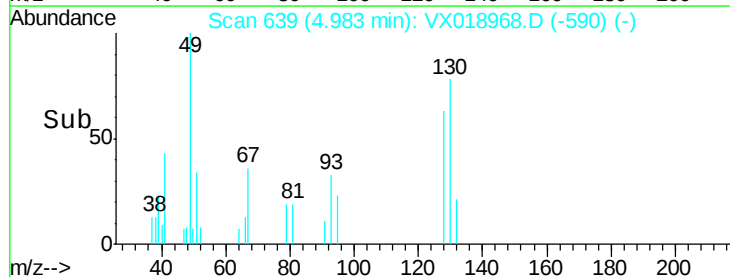
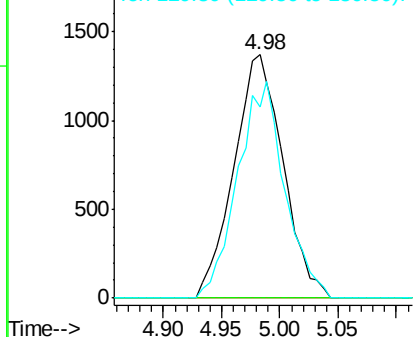
#28

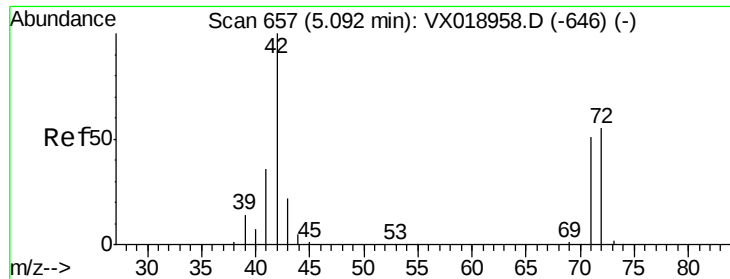
Bromochloromethane
Concen: 5.871 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	85.1	72.0	108.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





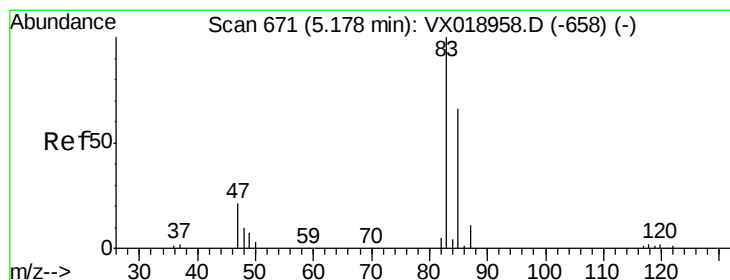
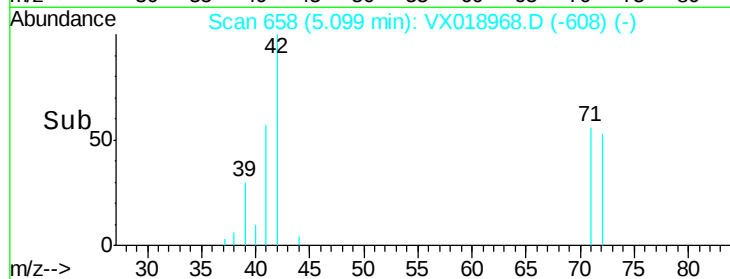
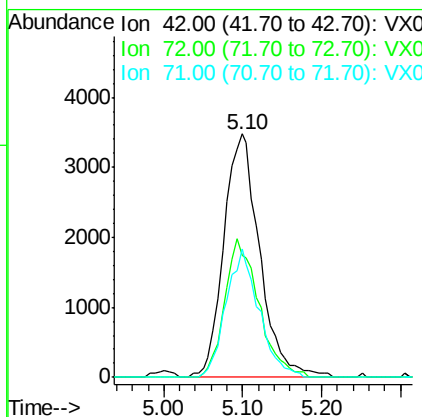
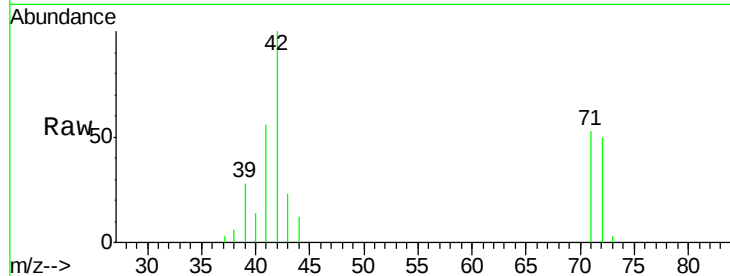
#29
Tetrahydrofuran
Concen: 28.450 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	44.9	67.3
71	48.4	41.0	61.6

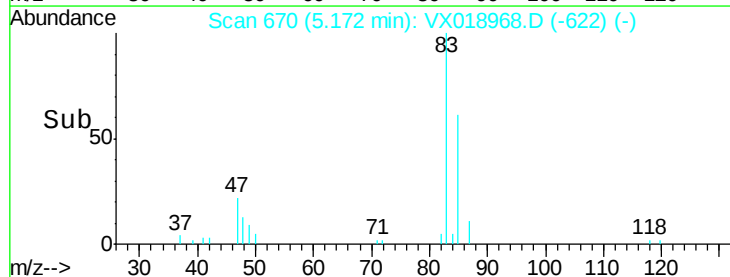
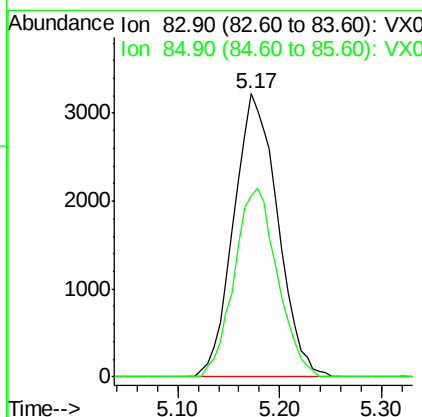
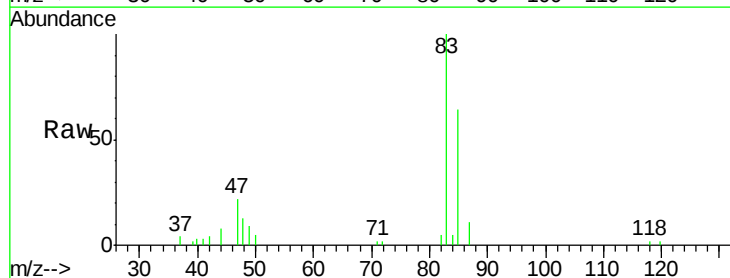
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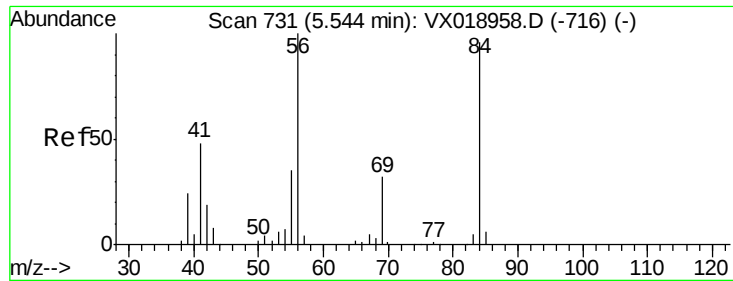
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#30
Chloroform
Concen: 5.454 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	78.8





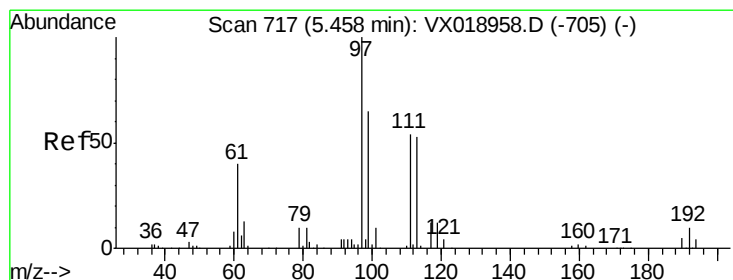
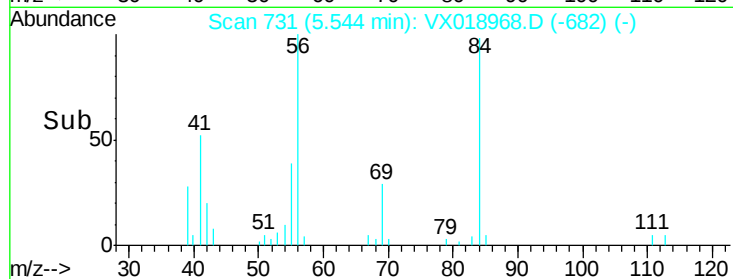
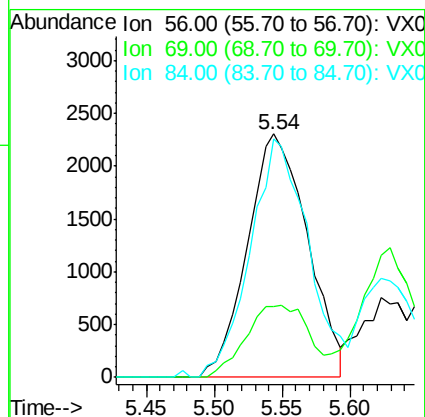
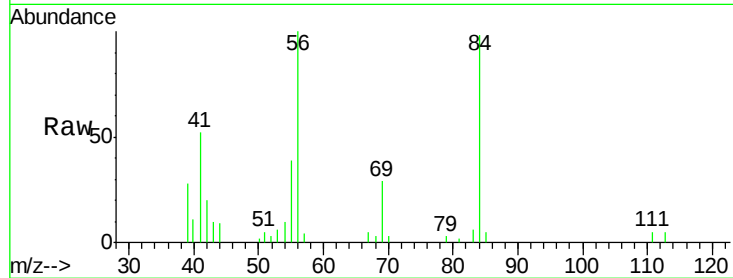
#31
Cyclohexane
Concen: 5.516 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 7109
Ion Ratio Lower Upper
56 100
69 29.3 25.4 38.0
84 97.7 75.4 113.0

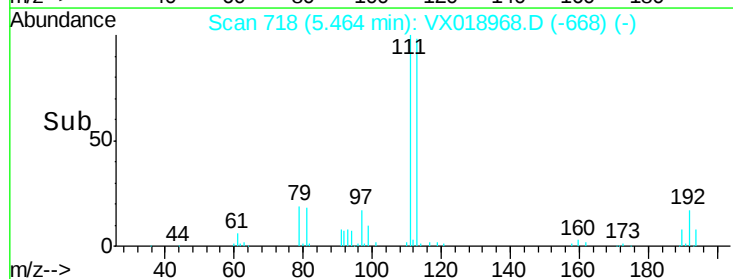
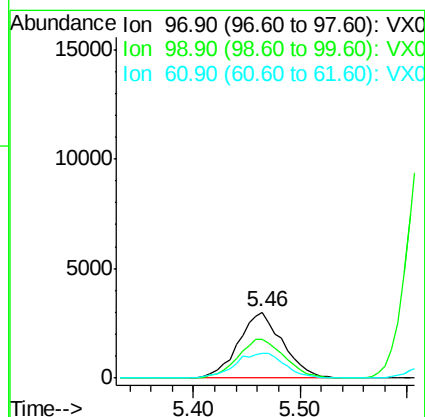
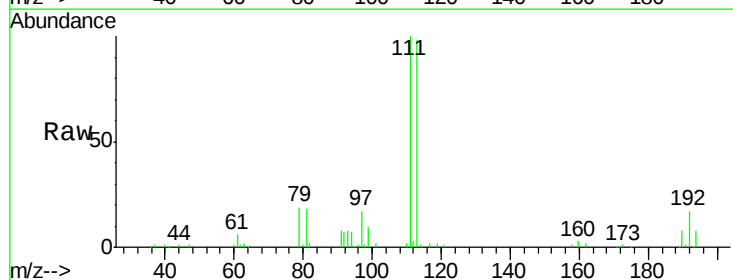
Manual Integrations
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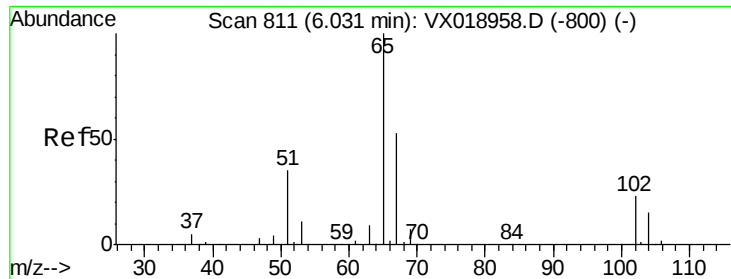
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#32
1,1,1-Trichloroethane
Concen: 5.497 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion: 97 Resp: 8756
Ion Ratio Lower Upper
97 100
99 62.2 50.5 75.7
61 41.4 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 57.501 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018968.D

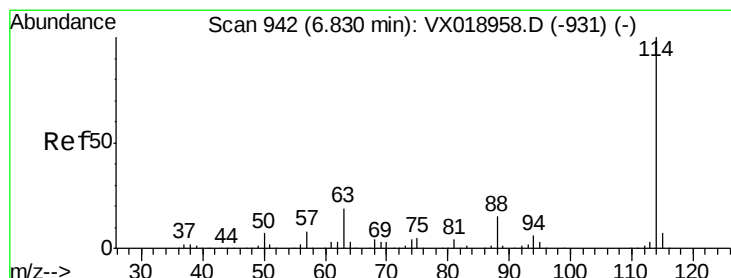
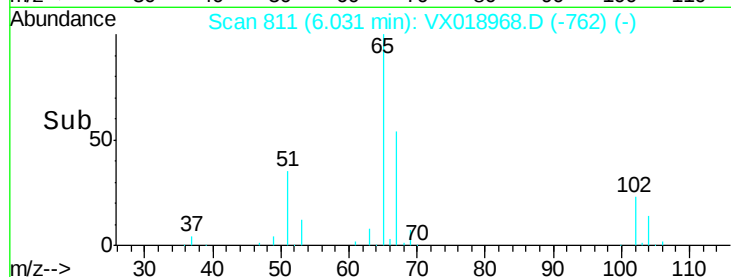
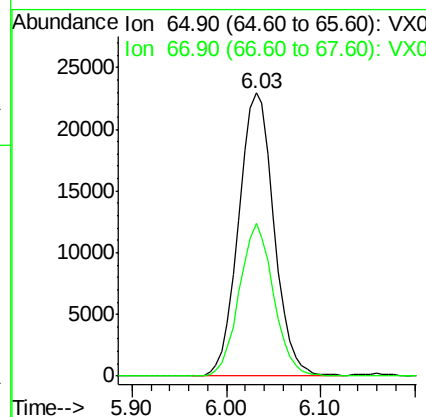
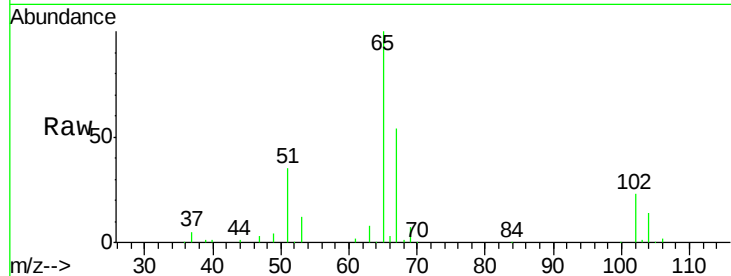
Acq: 19 Oct 2020 22:09

Tot Ion	Ratio	Resp	Lower	Upper
65	100	60115		
67	52.3	0.0	105.6	

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

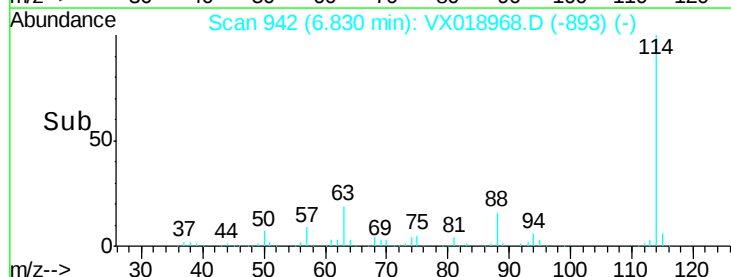
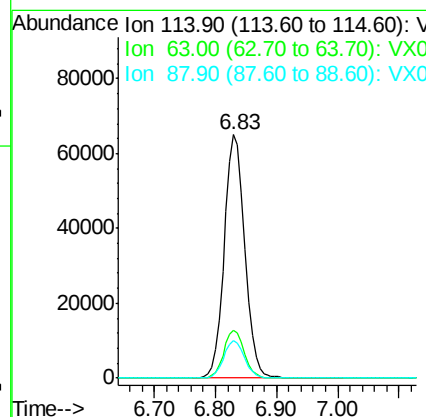
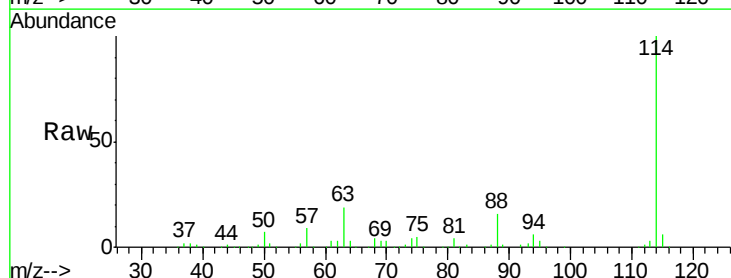
RT: 6.83 min Scan# 942

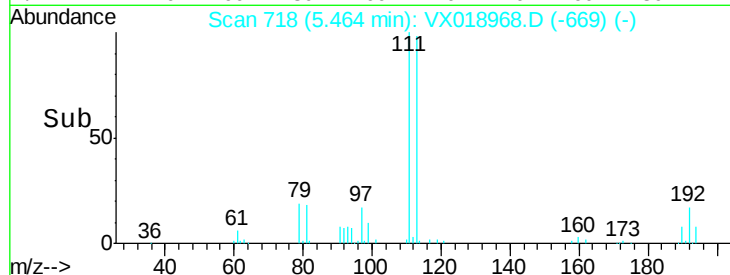
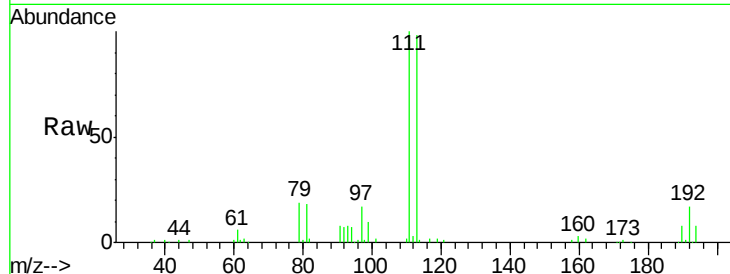
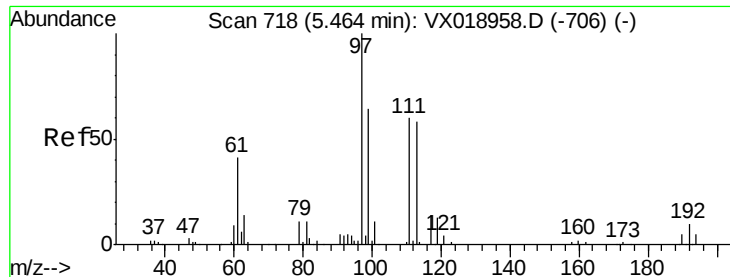
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	151959		
63	19.5	0.0	38.0	
88	15.7	0.0	30.8	





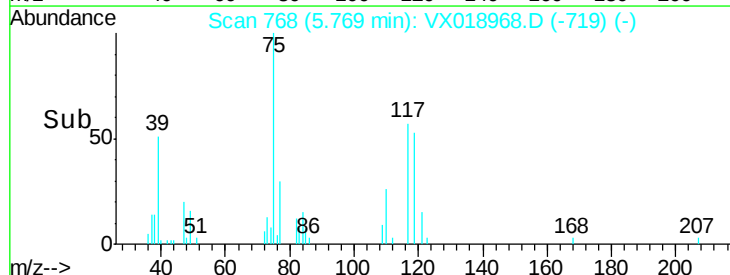
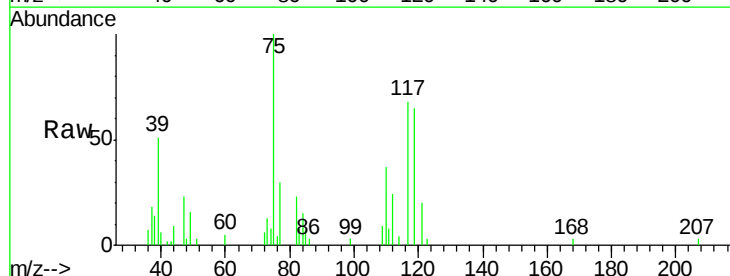
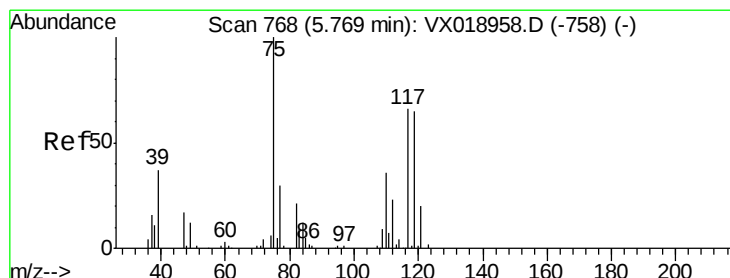
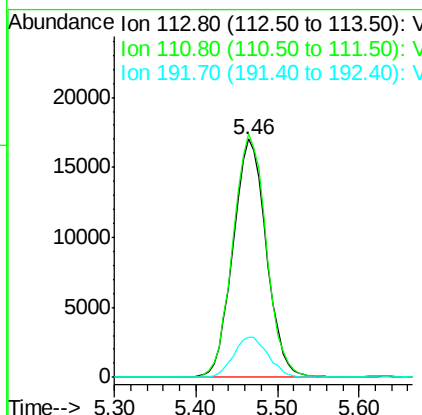
#35
Dibromofluoromethane
Concen: 51.018 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tot Ion	Ratio	Resp	Lower	Upper
113	100	48015		
111	102.6		80.8	121.2
192	17.4		14.5	21.7

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

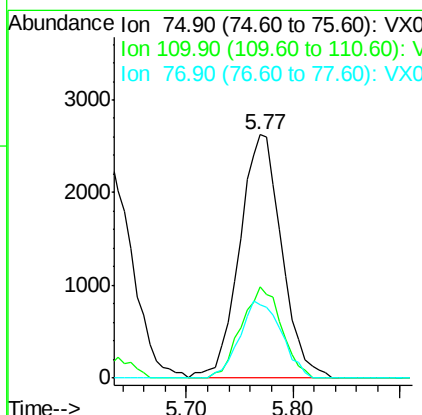
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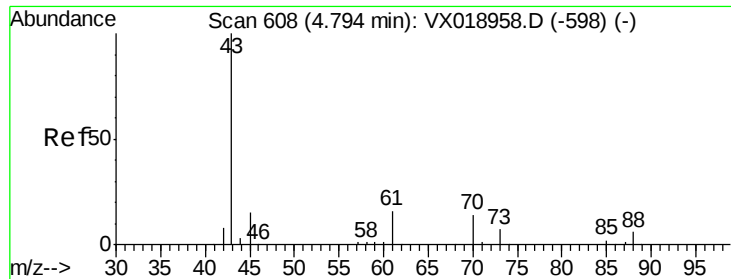
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#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7279		
110	35.8		18.3	54.8
77	31.3		25.0	37.4





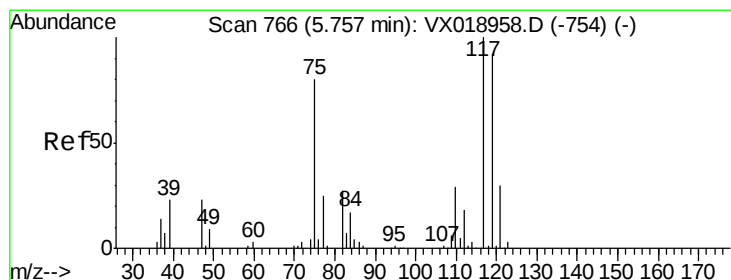
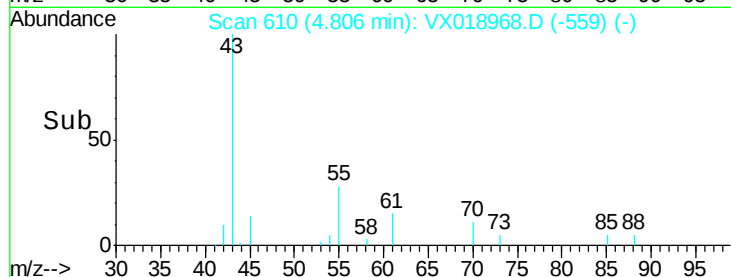
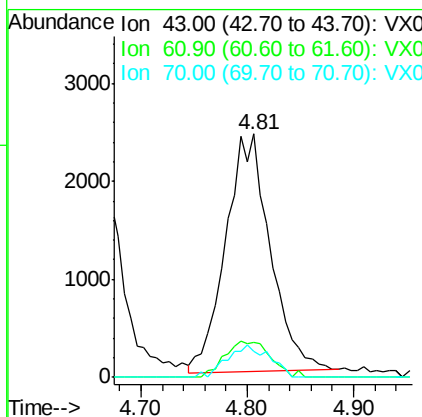
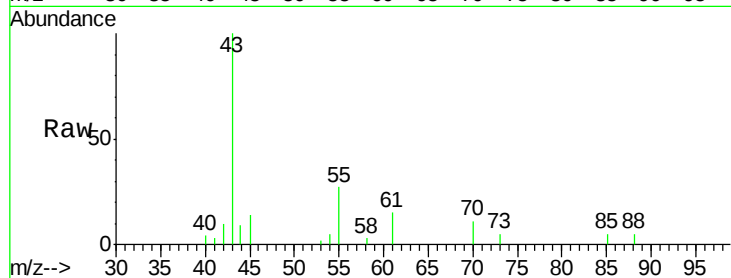
#37
Ethyl Acetate
Concen: 5.004 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 7142
Ion Ratio Lower Upper
43 100
61 15.6 12.7 19.1
70 12.8 10.6 15.8

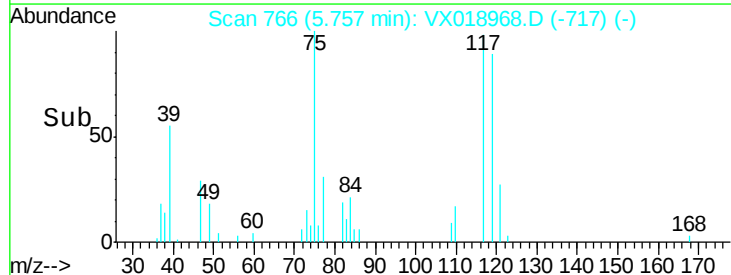
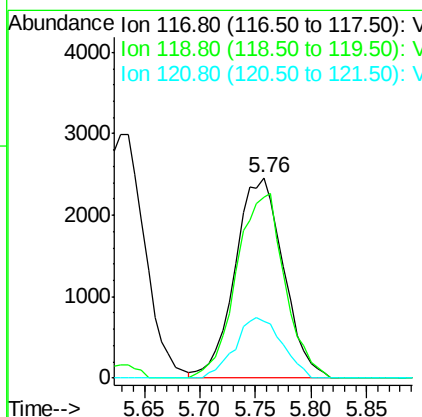
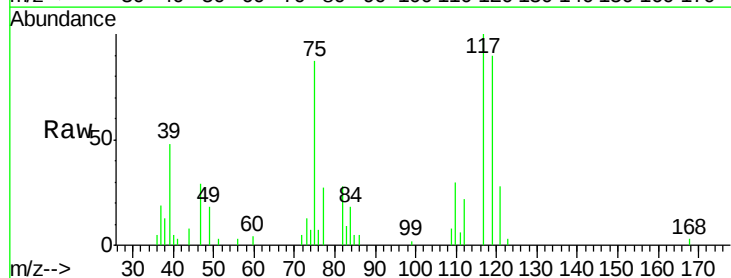
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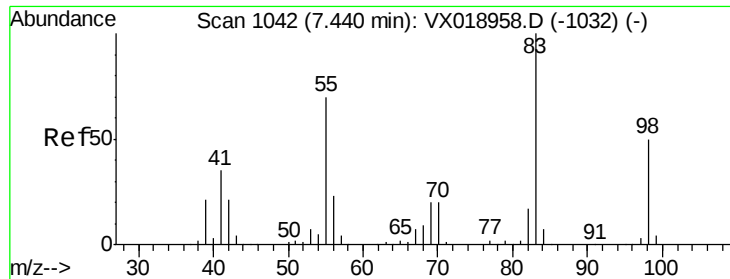
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#38
Carbon Tetrachloride
Concen: 4.987 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion: 117 Resp: 7430
Ion Ratio Lower Upper
117 100
119 90.5 73.2 109.8
121 28.1 23.5 35.3





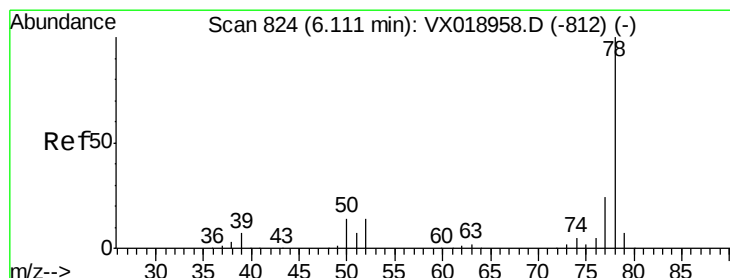
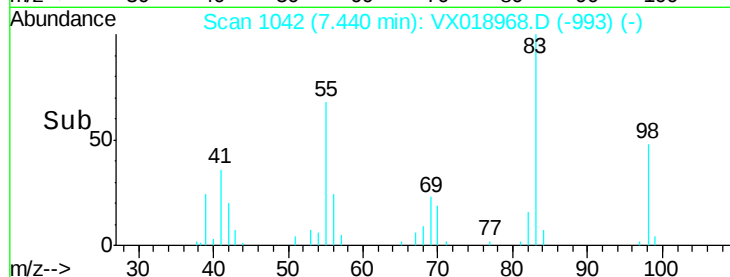
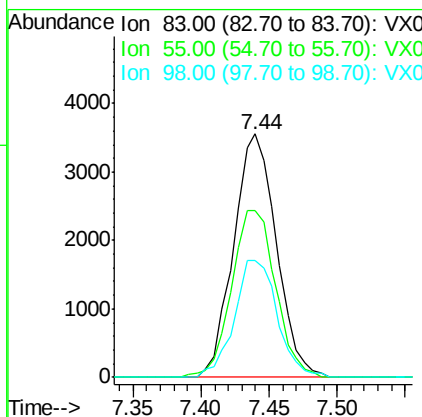
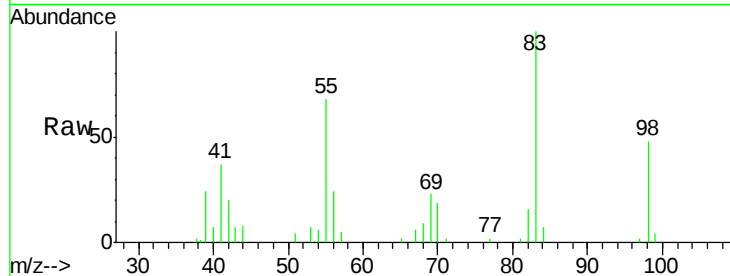
#39
Methvlcvclohexane
Concen: 5.027 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.3	84.5
98	48.2	39.8	59.6

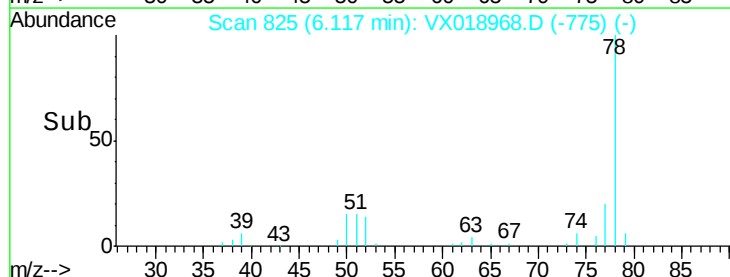
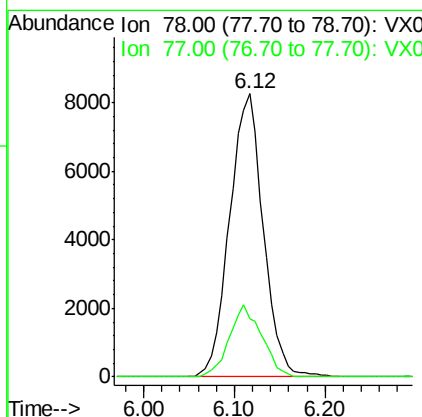
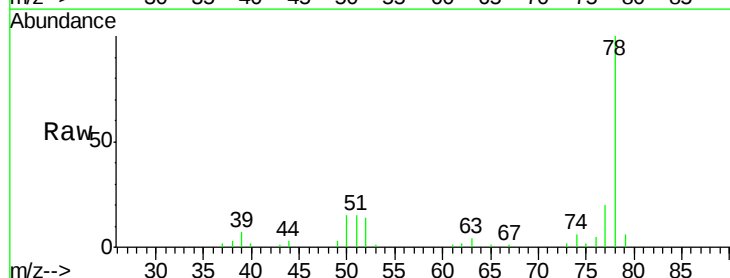
Manual Integrations
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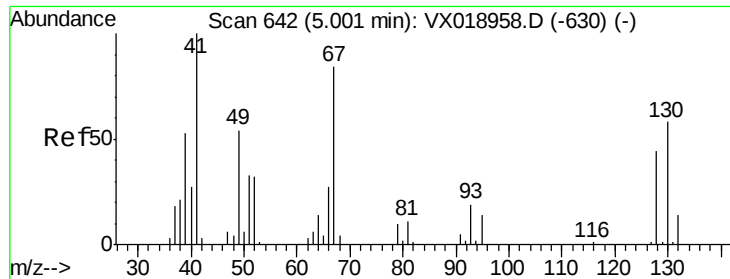
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#40
Benzene
Concen: 5.110 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.3	19.2	28.8





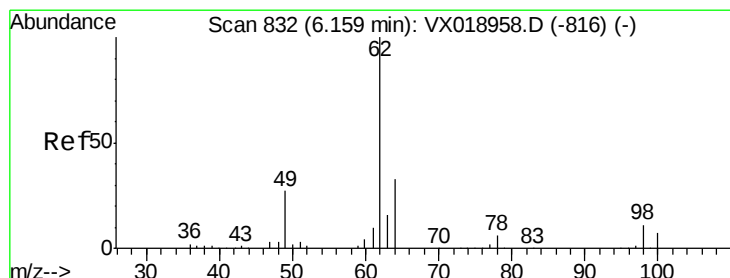
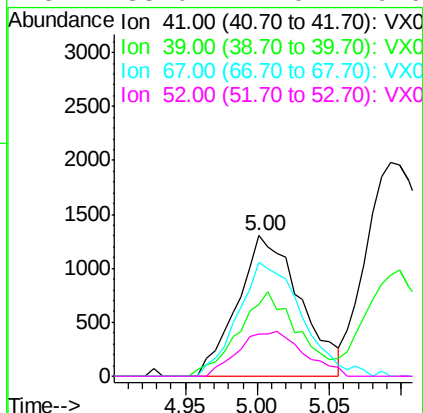
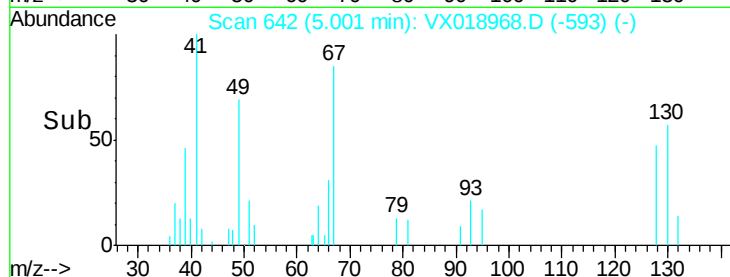
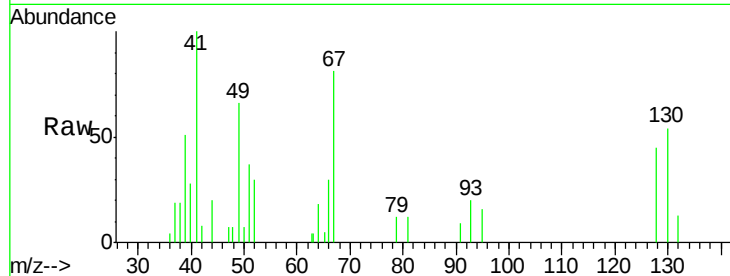
#41
Methacrylonitrile
Concen: 5.336 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion:	41	Resp:	3941
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.7	65.5
67	82.7	70.9	106.3
52	33.0	27.0	40.6

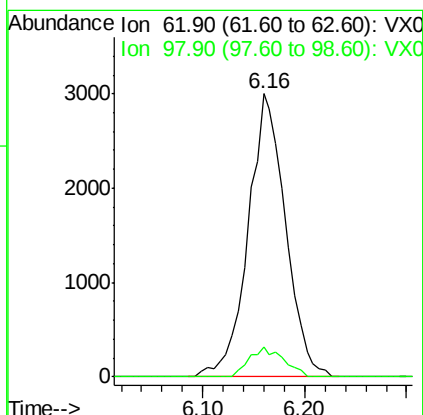
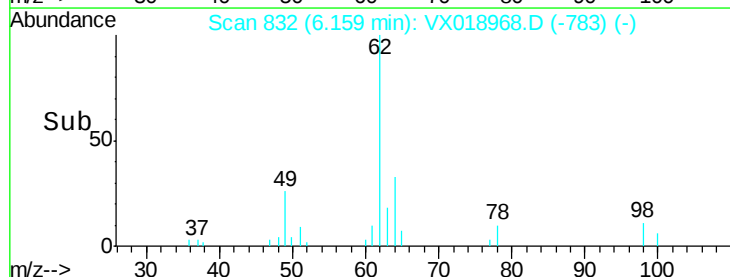
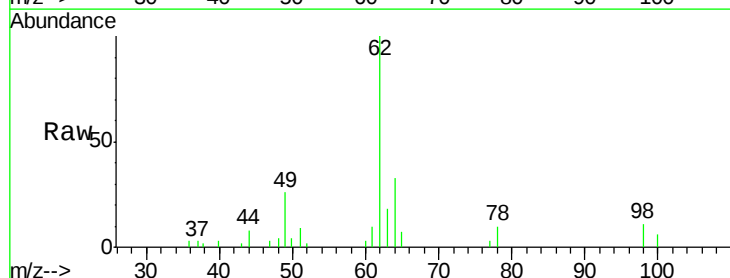
Manual Integrations
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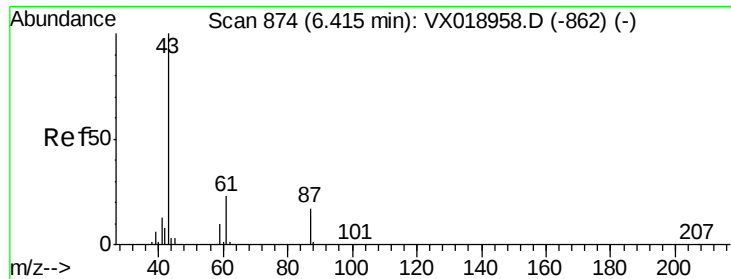
MMDadoda
10/20/2020 4:52:45 PM



#42
1,2-Dichloroethane
Concen: 5.365 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion:	62	Resp:	7650
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 5.403 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

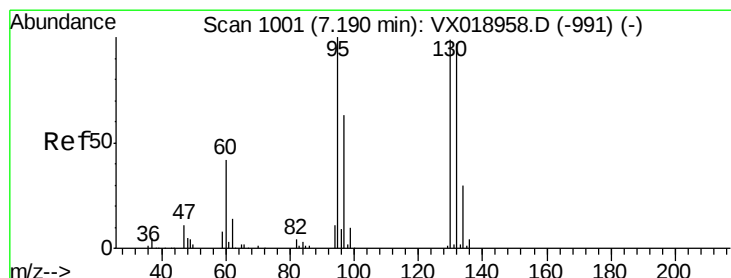
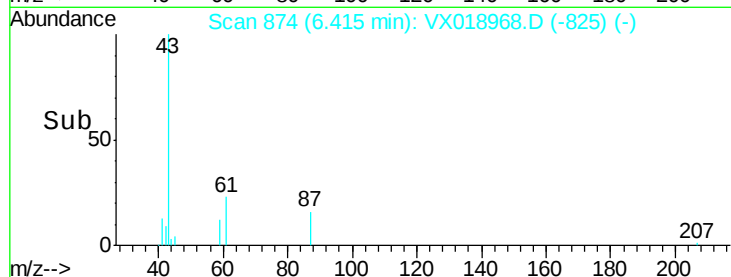
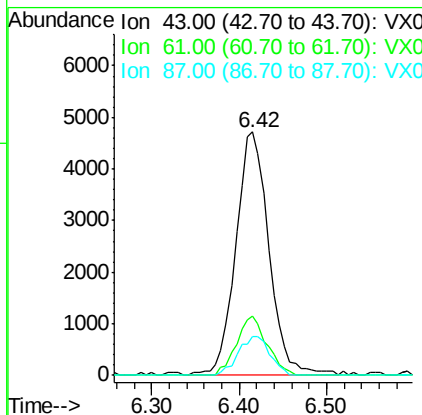
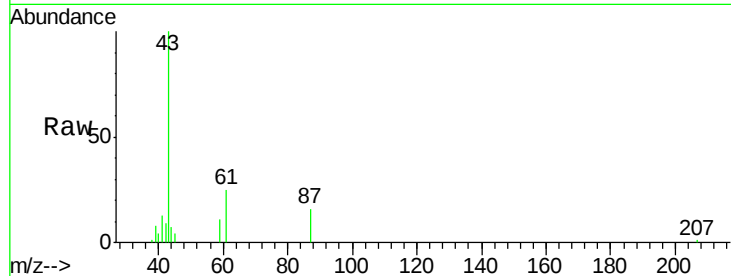
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	43	Resp:	12427
Ion	Ratio	Lower	Upper
43	100		
61	22.1	18.3	27.5
87	15.1	13.4	20.2

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MMDadoda
10/20/2020 4:52:45 PM



#44

Trichloroethene

Concen: 5.027 ug/l

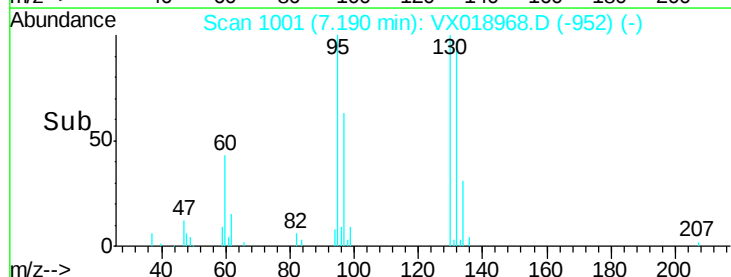
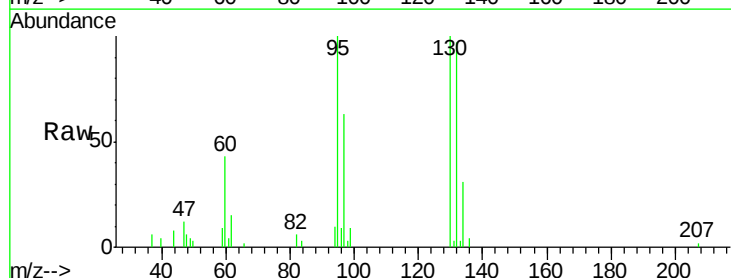
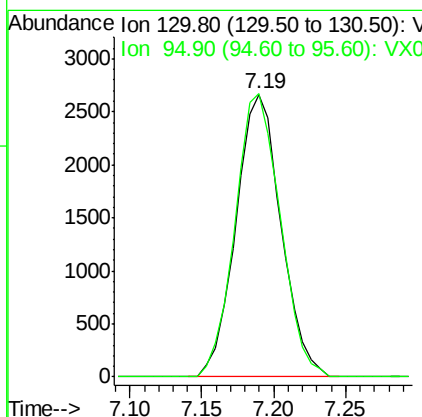
RT: 7.19 min Scan# 1001

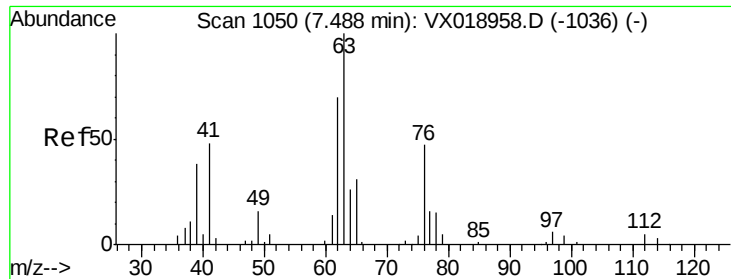
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	130	Resp:	5774
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	201.0





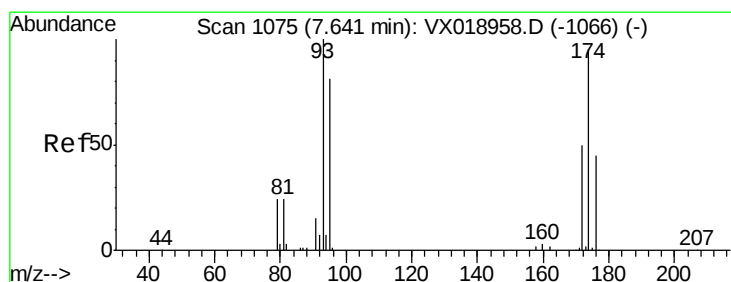
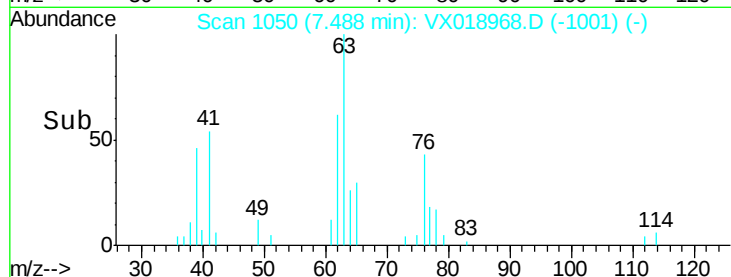
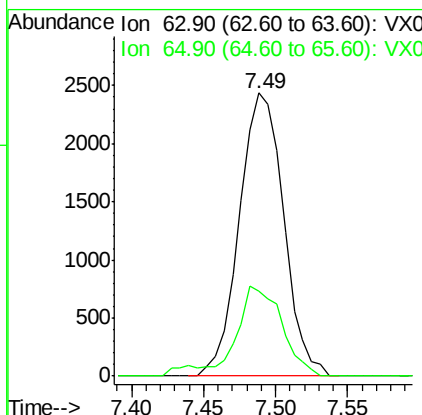
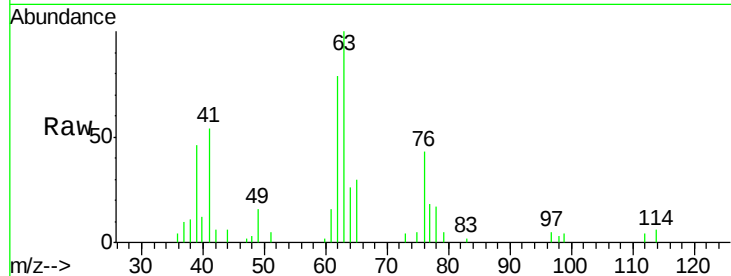
#45
 1,2-Dichloropropane
 Concen: 5.038 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 63 Resp: 5181
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.6

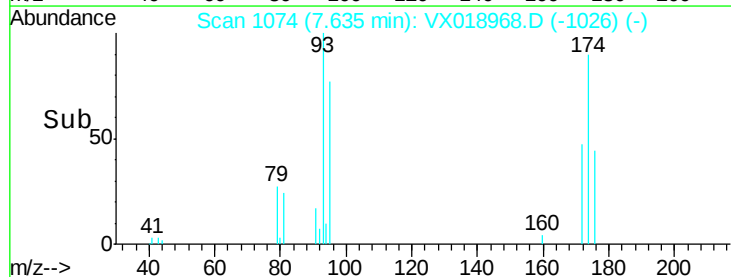
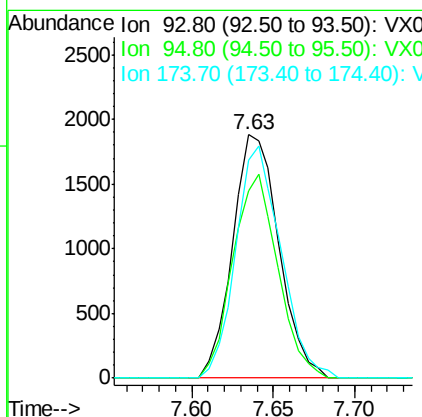
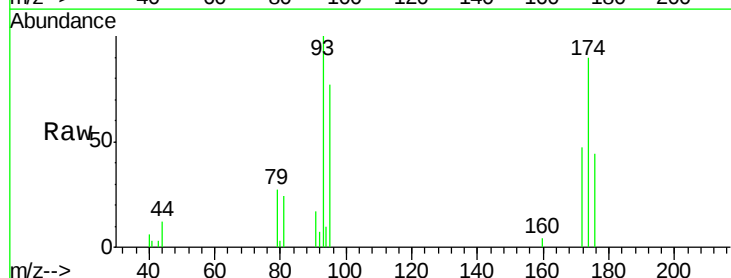
Manual Integrations
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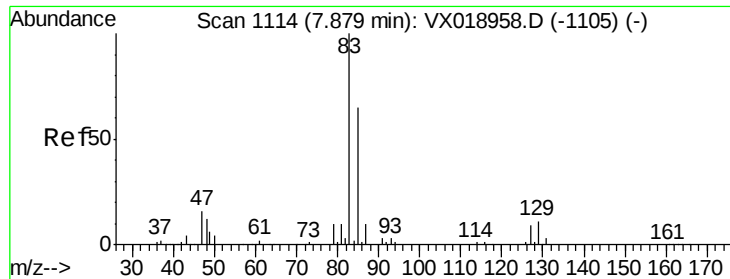
MMDadoda
 10/20/2020 4:52:45 PM



#46
 Dibromomethane
 Concen: 5.052 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion: 93 Resp: 3716
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.6 100.0
 174 92.7 73.8 110.8





#47

Bromodichloromethane

Concen: 5.050 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

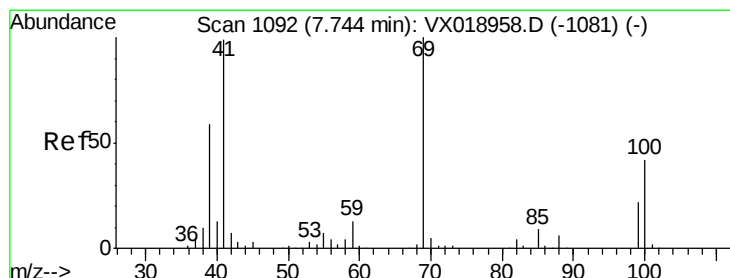
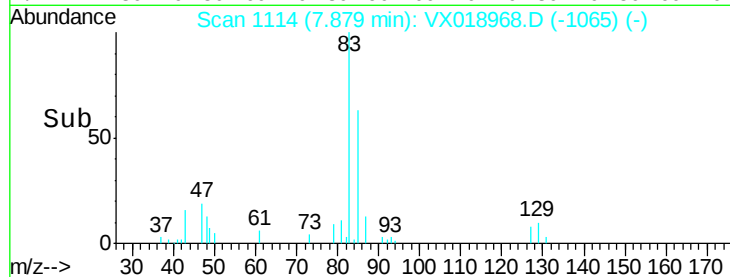
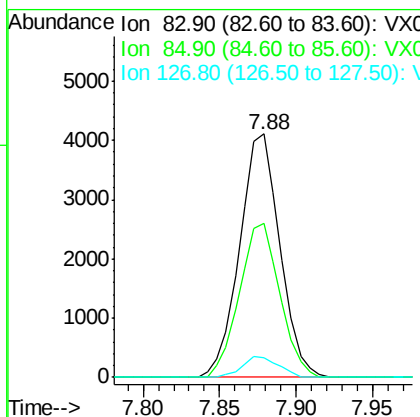
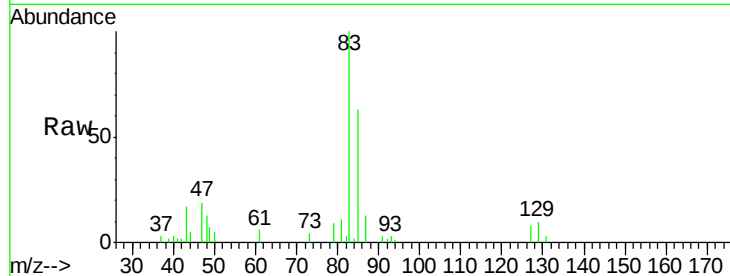
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	83	Resp:	7505
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.4	78.6
127	8.0	7.3	10.9

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MMDadoda
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#48

Methyl methacrylate

Concen: 5.394 ug/l

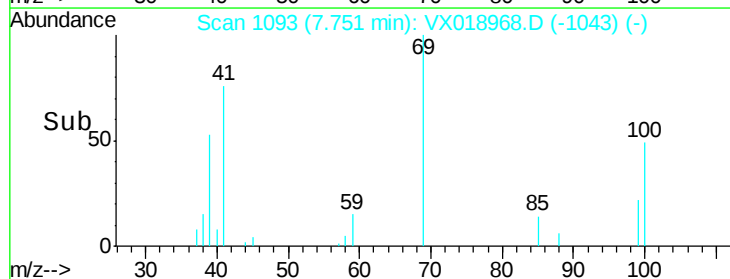
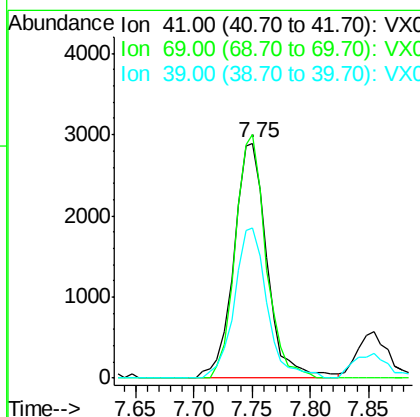
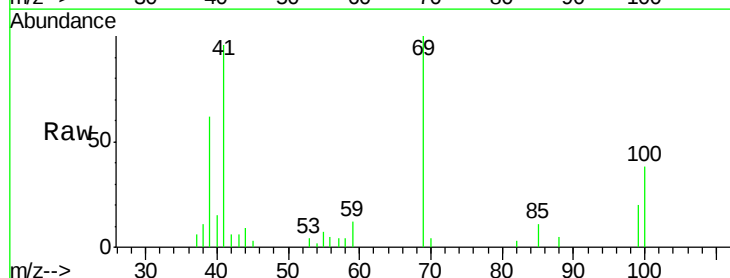
RT: 7.75 min Scan# 1093

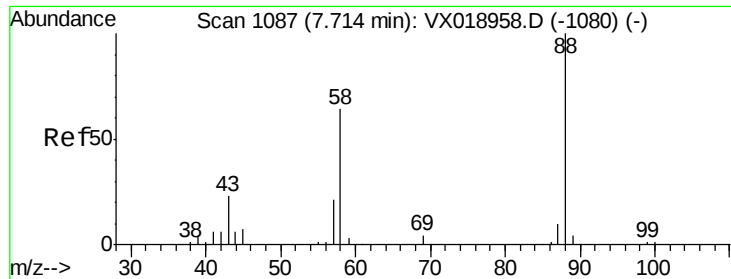
Delta R.T. 0.01 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	41	Resp:	5753
Ion	Ratio	Lower	Upper
41	100		
69	95.1	82.4	123.6
39	62.7	48.1	72.1





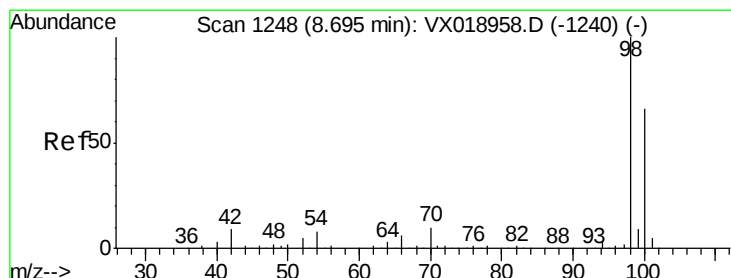
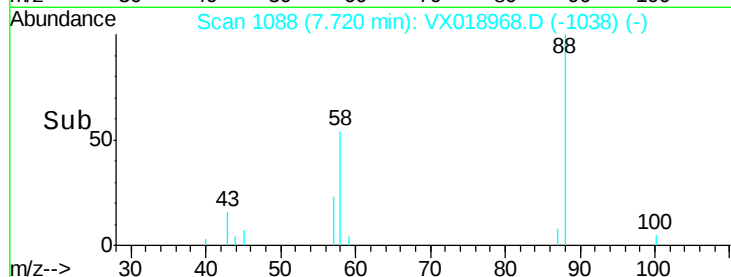
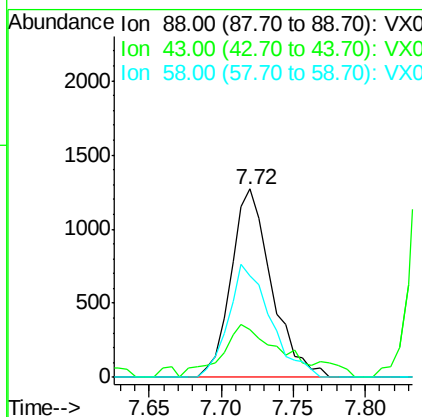
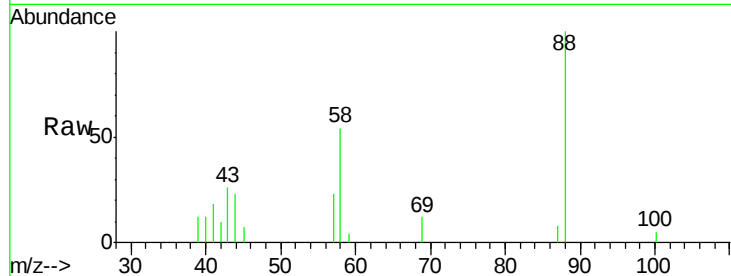
#49
1,4-Dioxane
Concen: 101.730 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.1	21.1	31.7#
58	62.3	50.3	75.5

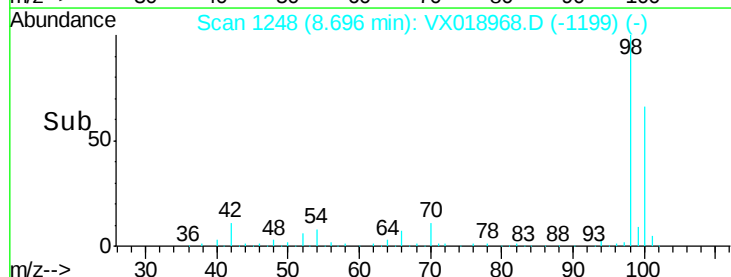
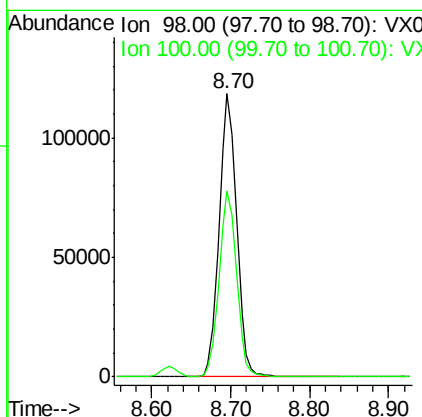
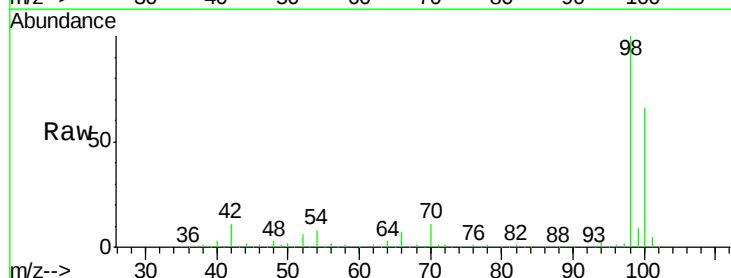
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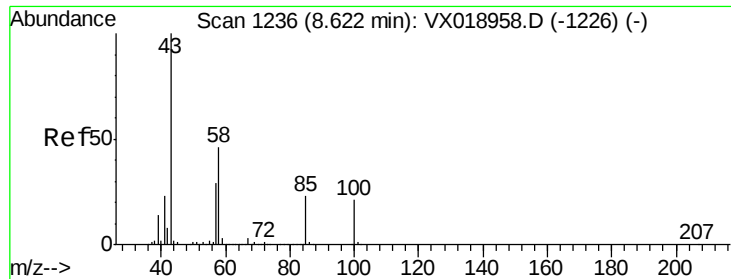
MMDadoda
10/20/2020 4:52:45 PM



#50
Toluene-d8
Concen: 50.522 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 26.153 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 34954

Ion Ratio Lower Upper

43 100

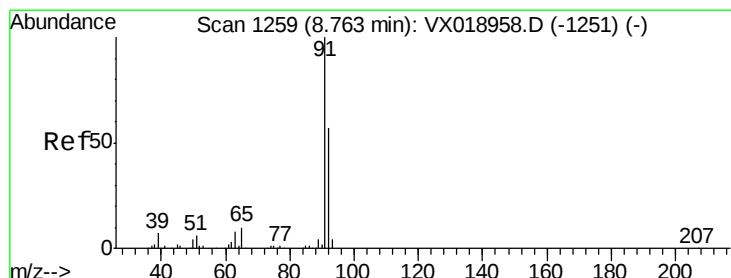
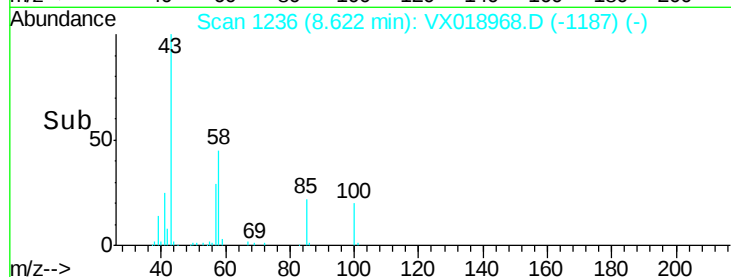
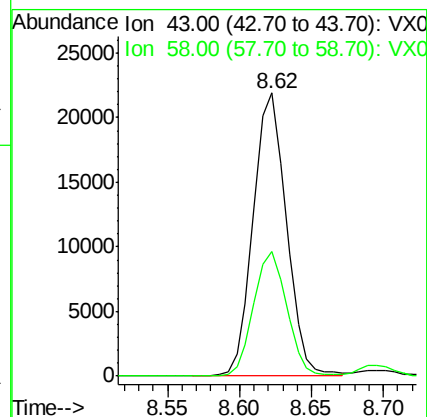
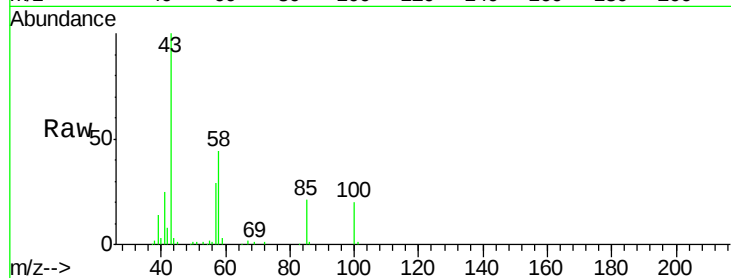
58 43.9 36.4 54.6

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MMDadoda

10/20/2020 4:52:45 PM



#52

Toluene

Concen: 5.029 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018968.D

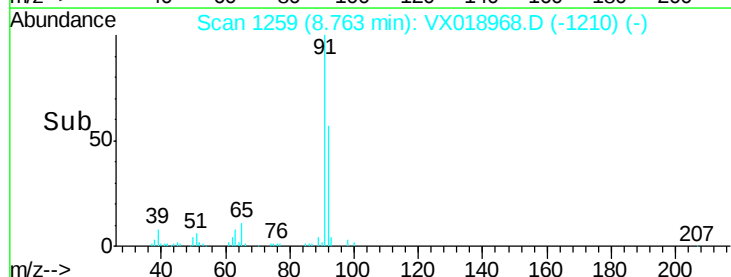
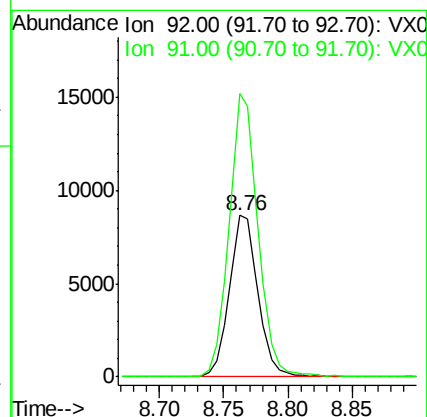
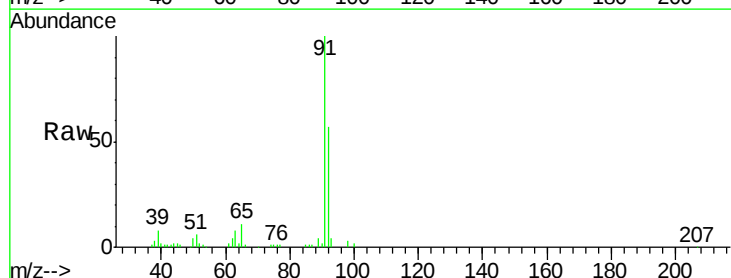
Acq: 19 Oct 2020 22:09

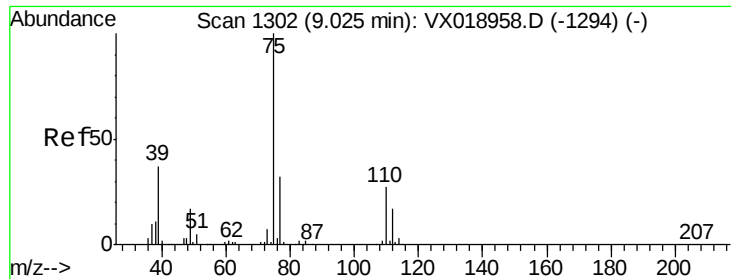
Tgt Ion: 92 Resp: 13519

Ion Ratio Lower Upper

92 100

91 176.5 137.1 205.7





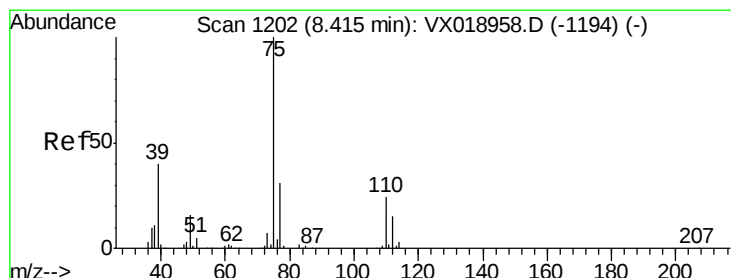
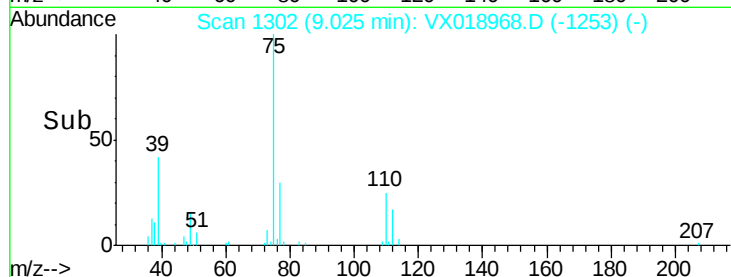
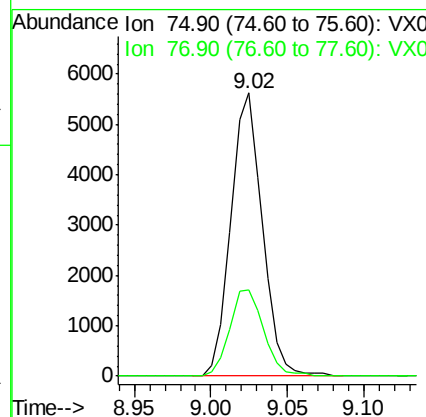
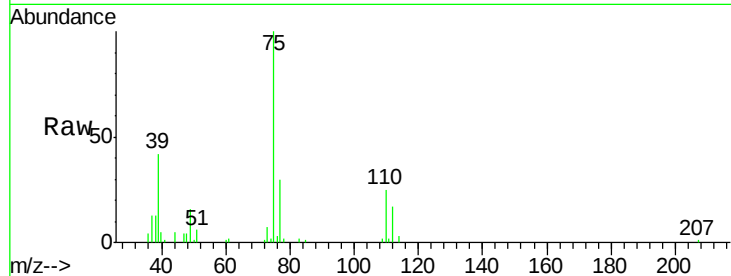
#53
 t-1,3-Dichloropropene
 Concen: 4.747 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.0	39.0

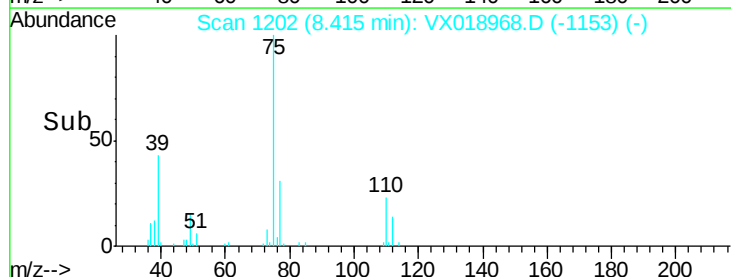
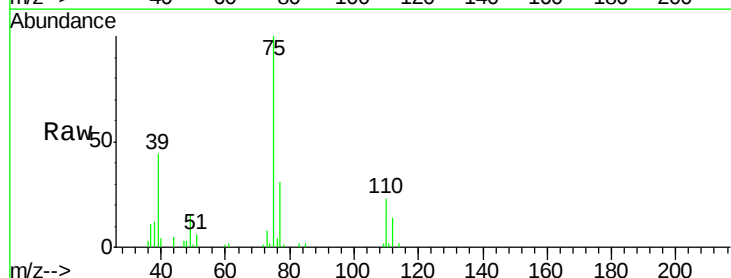
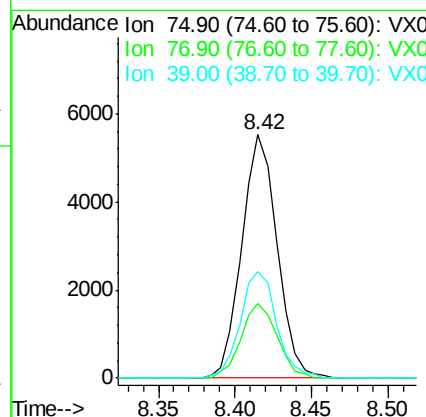
Manual Integrations
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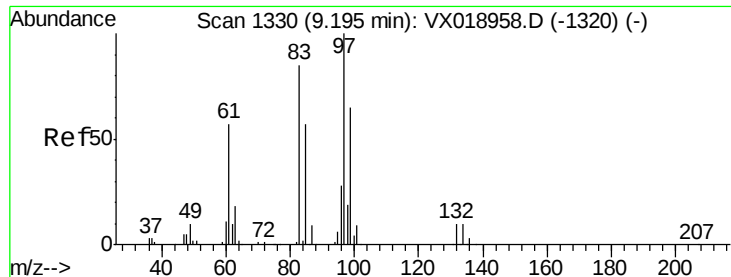
MMDadoda
 10/20/2020 4:52:45 PM



#54
 cis-1,3-Dichloropropene
 Concen: 4.969 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	44.1	32.1	48.1





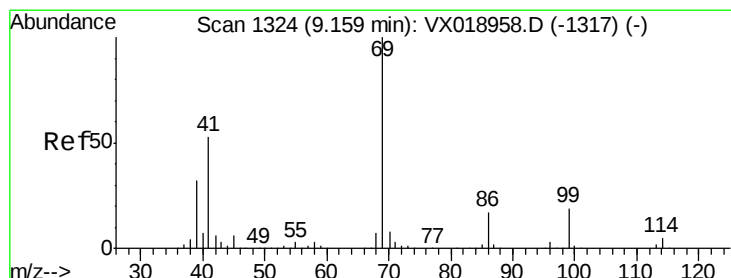
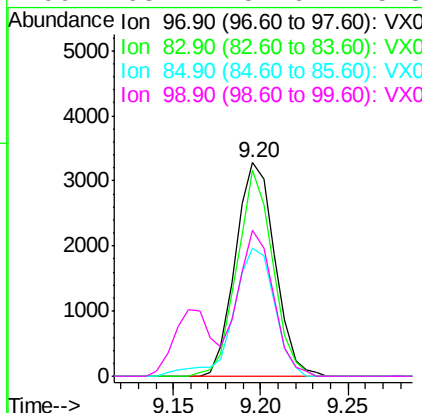
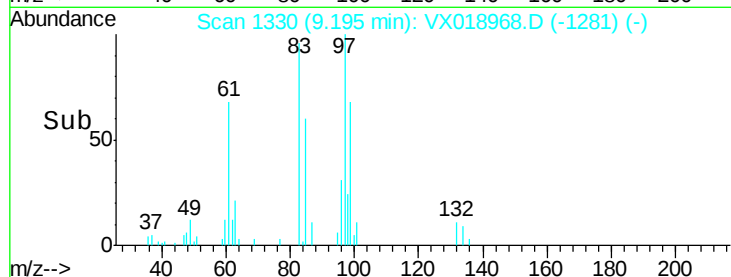
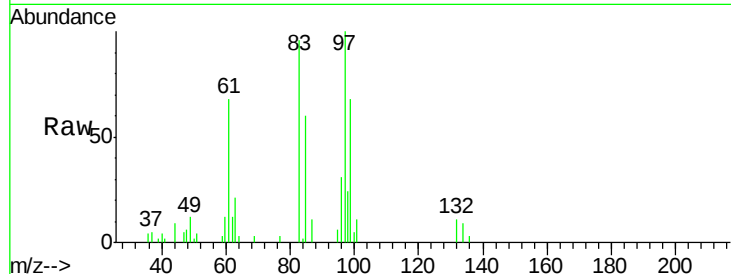
#55
 1,1,2-Trichloroethane
 Concen: 4.867 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:	97	Resp:	5133
Ion	Ratio	Lower	Upper
97	100		
83	96.5	67.8	101.8
85	59.9	45.7	68.5
99	68.4	52.6	78.8

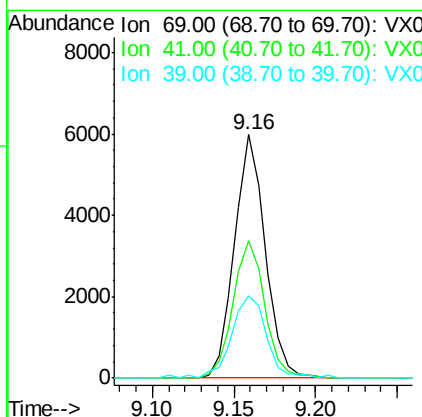
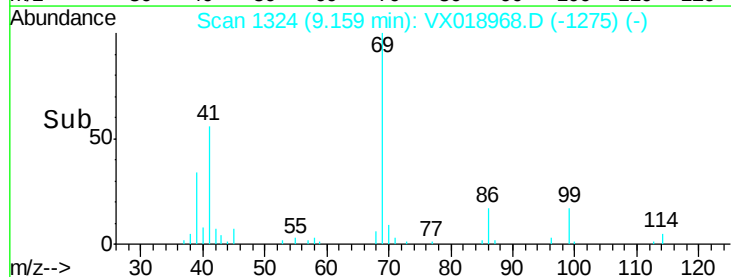
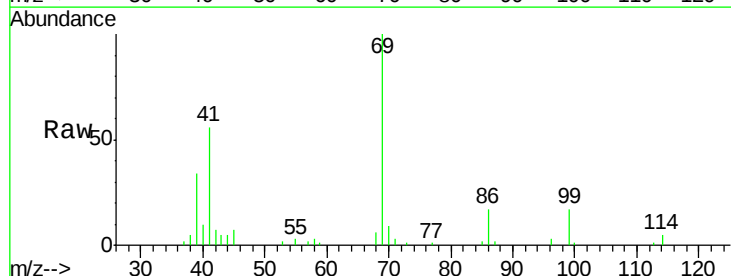
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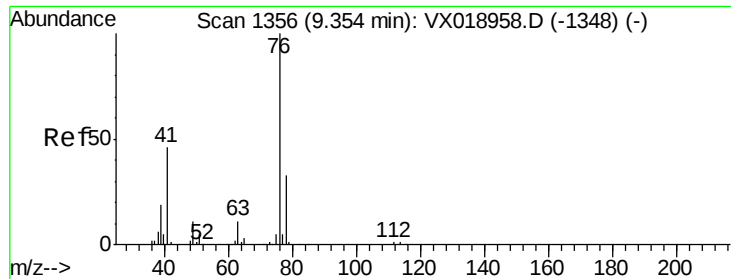
MMDadoda
 10/20/2020 4:52:45 PM



#56
 Ethyl methacrylate
 Concen: 4.881 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion:	69	Resp:	7903
Ion	Ratio	Lower	Upper
69	100		
41	58.1	43.4	65.2
39	38.3	25.0	37.4#





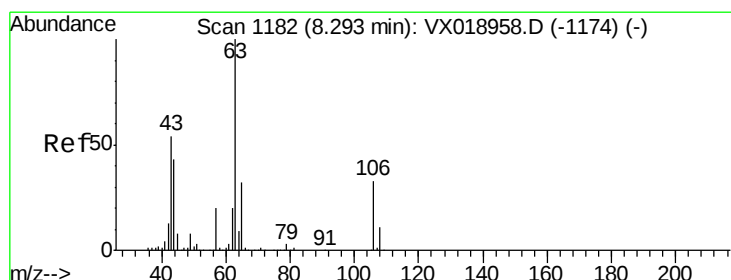
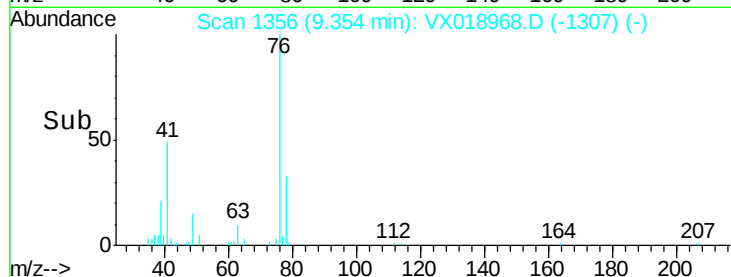
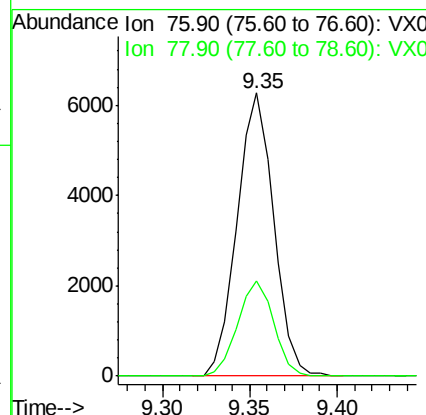
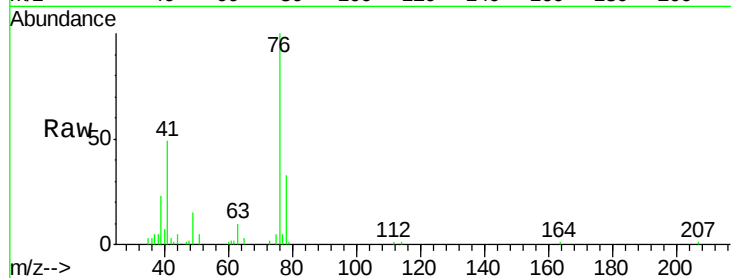
#57
 1,3-Dichloropropane
 Concen: 5.151 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 76 Resp: 9133
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

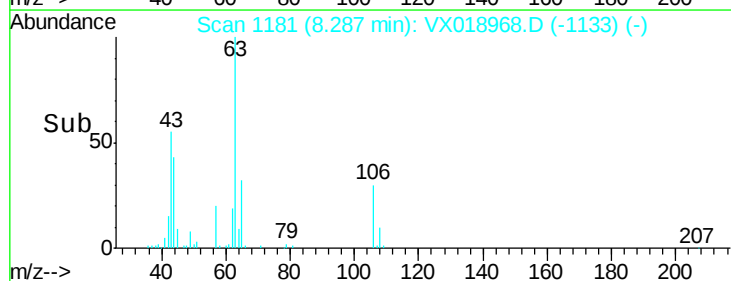
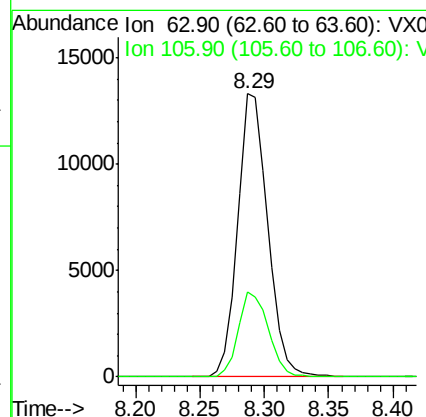
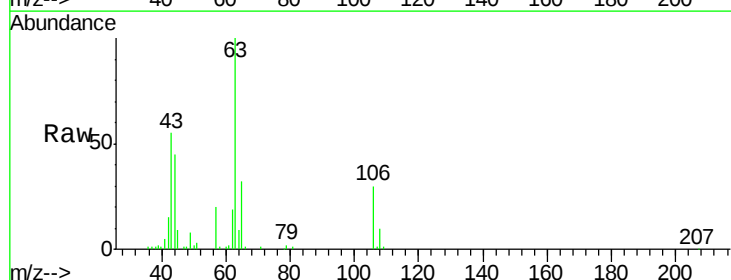
Manual Integrations
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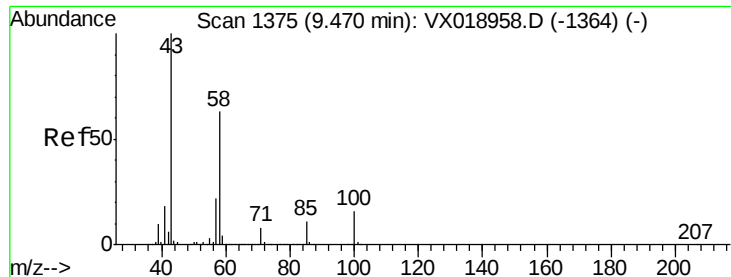
MMDadoda
 10/20/2020 4:52:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.161 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion: 63 Resp: 21595
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.8 37.2





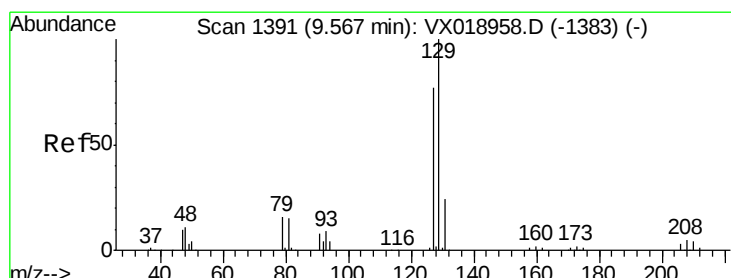
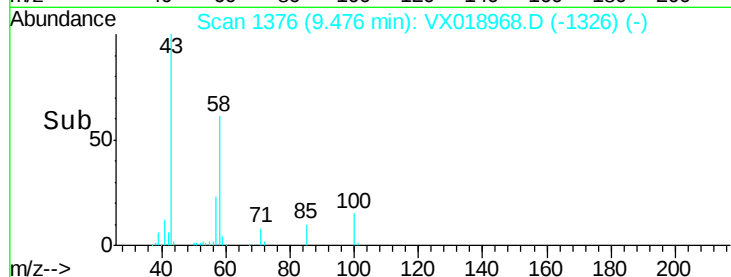
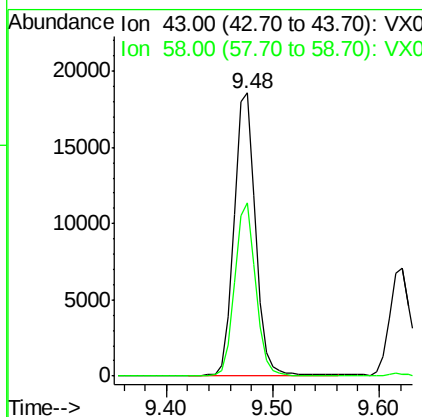
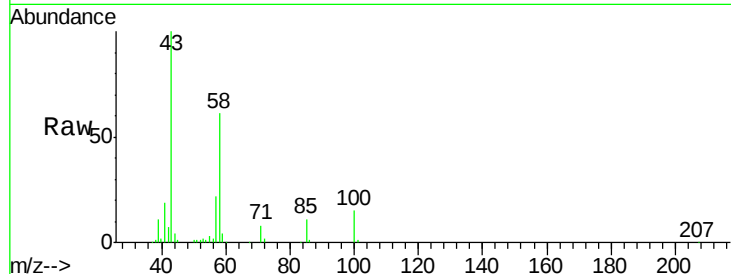
#59
2-Hexanone
Concen: 26.127 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 26544
Ion Ratio Lower Upper
43 100
58 59.4 31.7 95.1

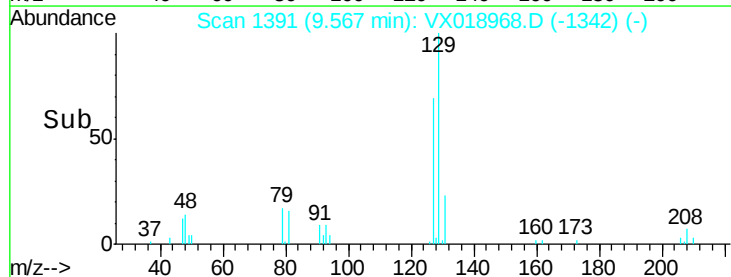
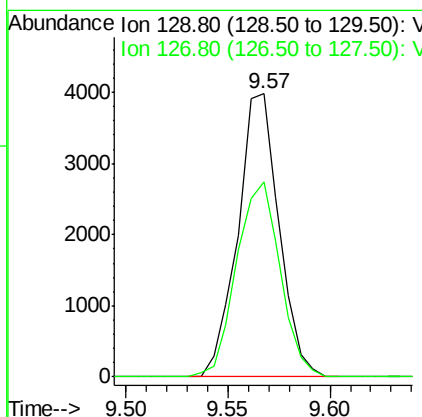
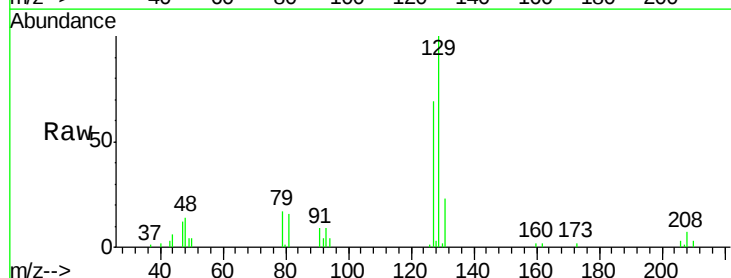
Manual Integrations
APPROVED

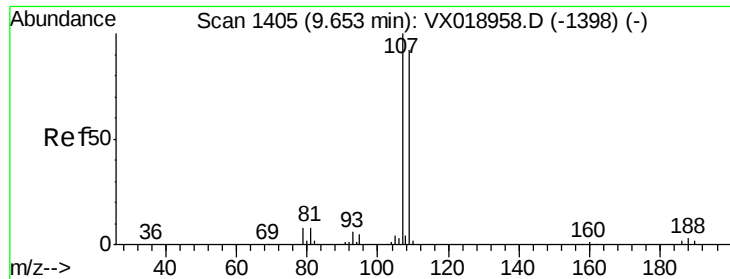
MMDadoda
10/20/2020 4:52:45 PM



#60
Dibromochloromethane
Concen: 4.788 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion: 129 Resp: 5590
Ion Ratio Lower Upper
129 100
127 72.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.916 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:107 Resp: 5617

Ion Ratio Lower Upper

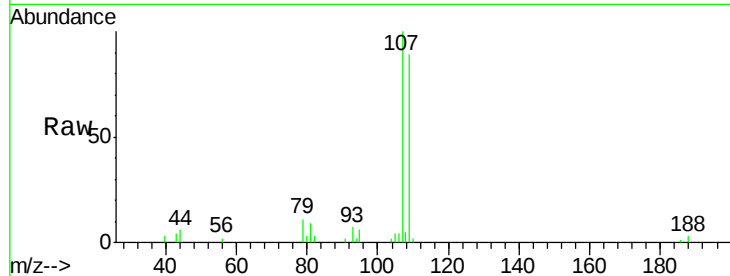
107 100

109 90.9 75.2 112.8

Manual Integrations
APPROVED

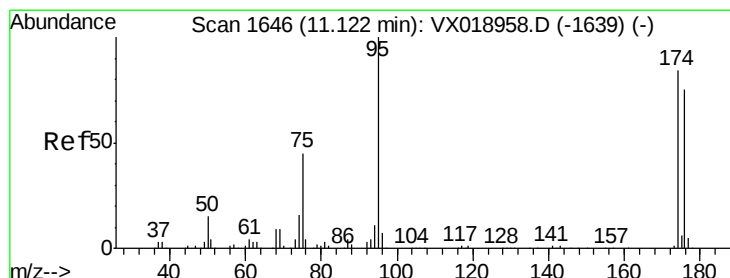
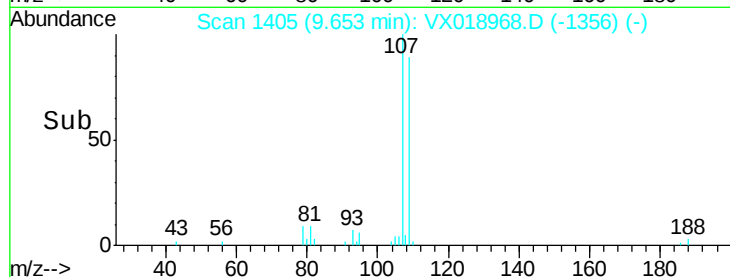
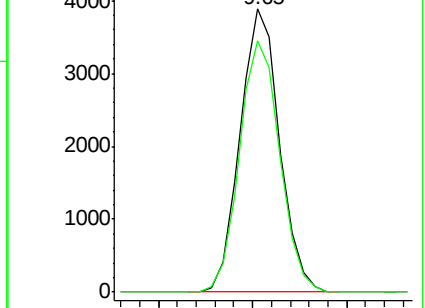
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.346 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

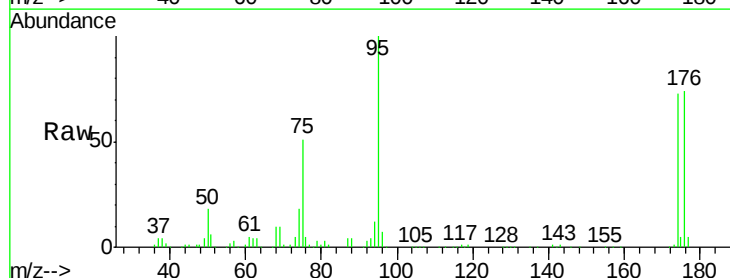
Tgt Ion: 95 Resp: 62547

Ion Ratio Lower Upper

95 100

174 71.3 0.0 164.6

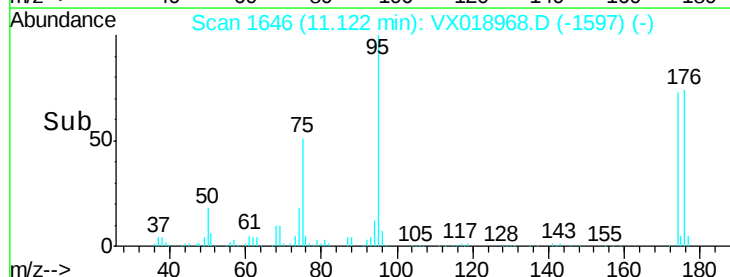
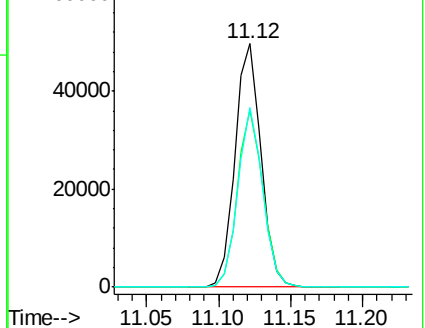
176 70.5 0.0 154.6

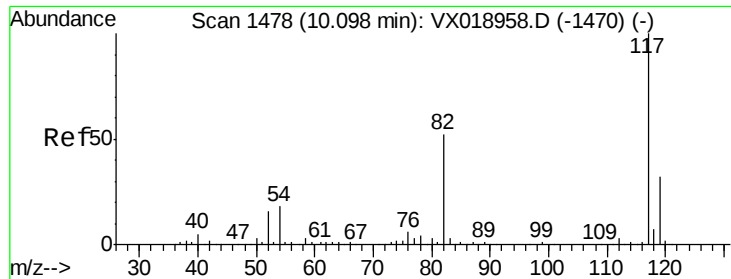


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





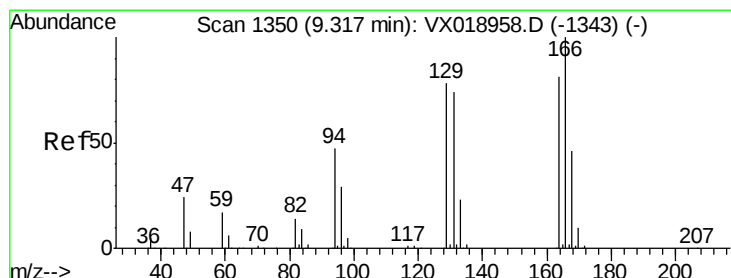
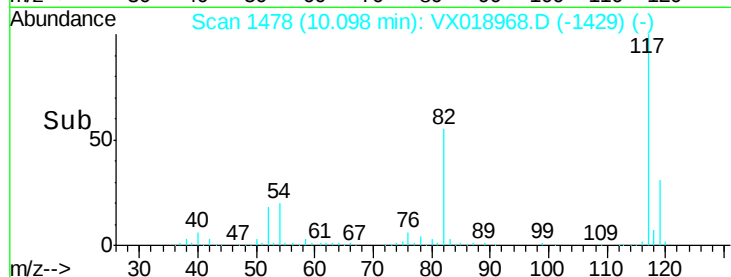
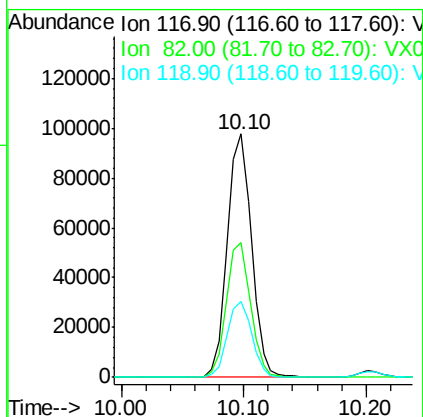
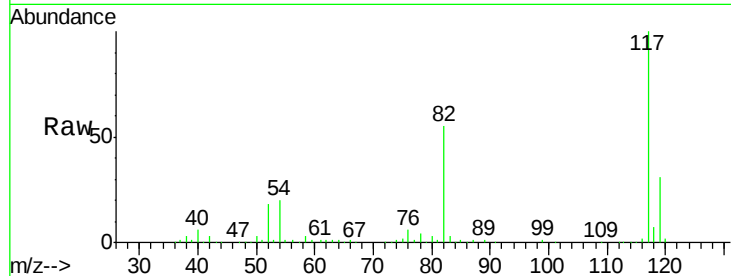
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.6	62.4
119	31.0	25.4	38.2

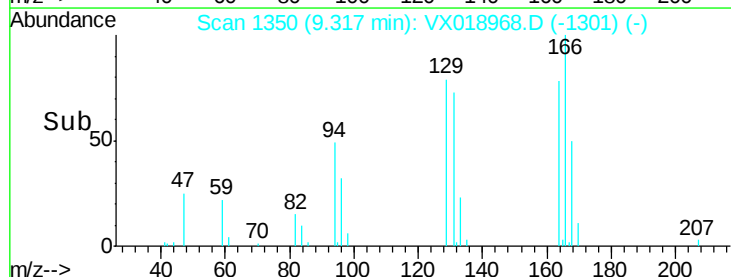
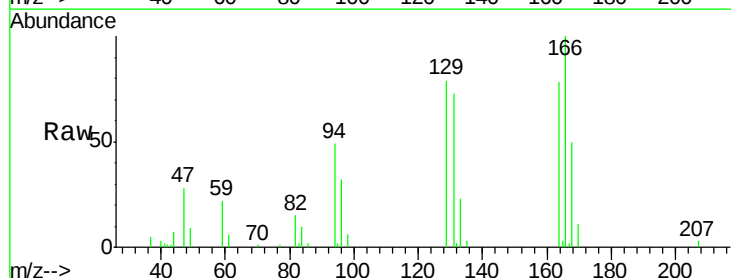
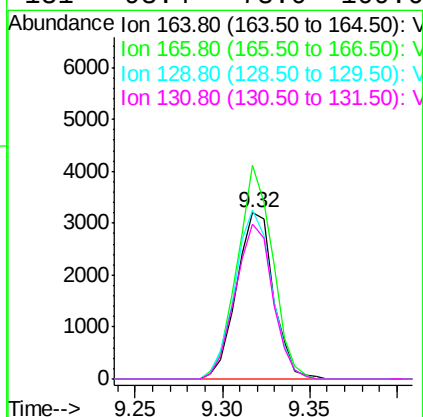
Manual Integrations
APPROVED

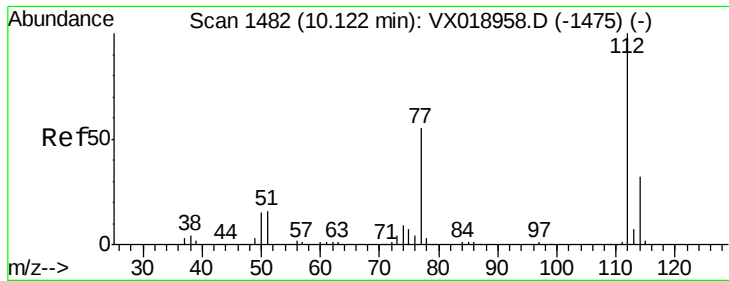
MMDadoda
10/20/2020 4:52:45 PM



#64
Tetrachloroethene
Concen: 5.008 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.9	148.3
129	101.6	77.0	115.4
131	93.4	73.0	109.6





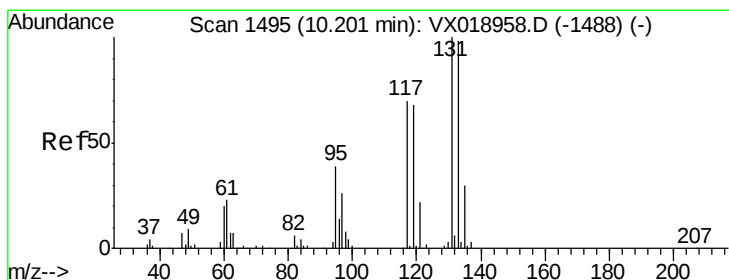
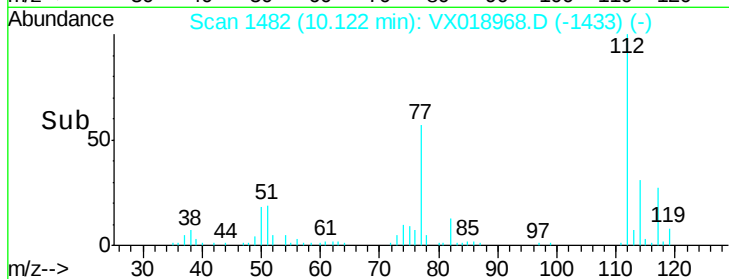
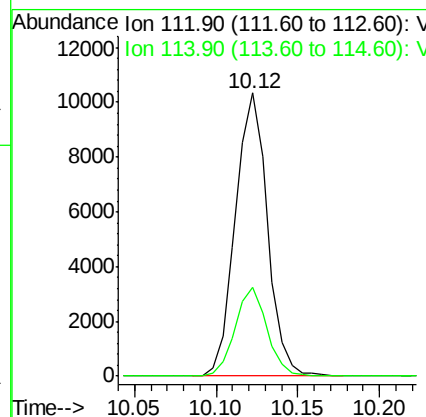
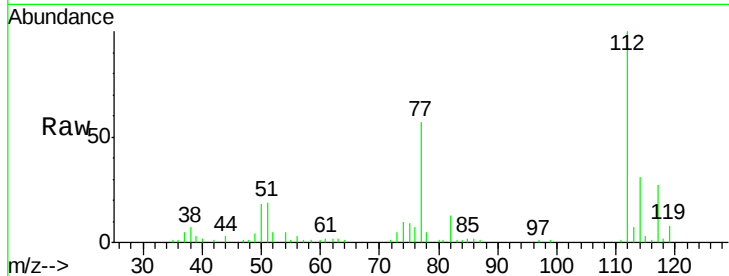
#65
Chlorobenzene
Concen: 5.064 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion:112 Resp: 14145
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

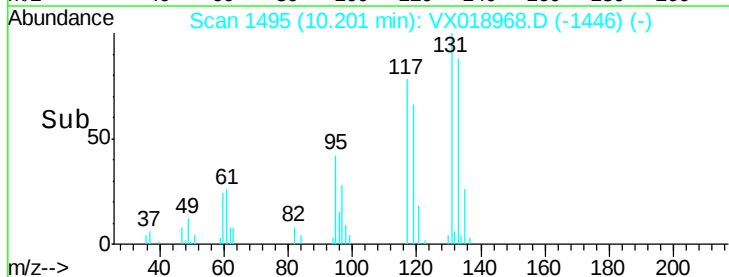
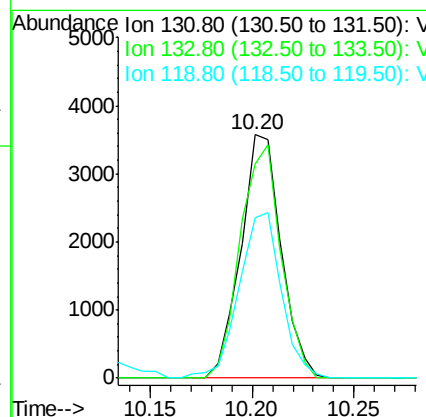
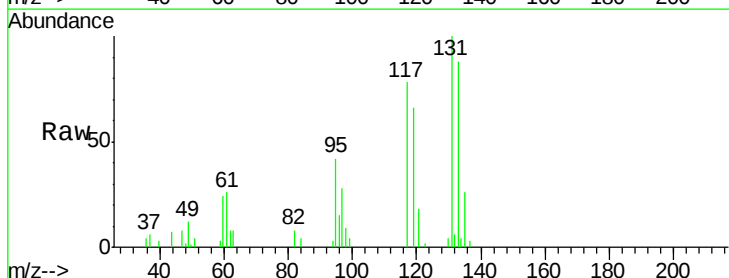
Manual Integrations
APPROVED

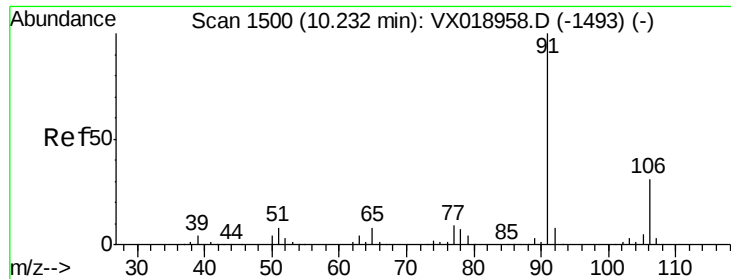
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.800 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion:131 Resp: 4920
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 70.8 33.5 100.4





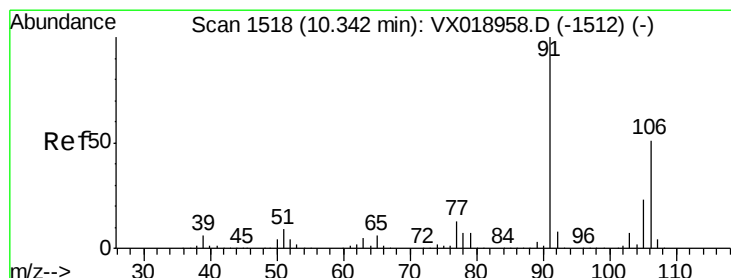
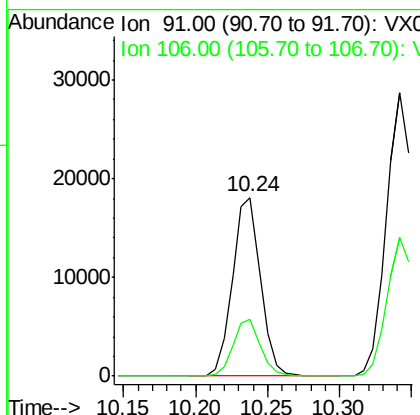
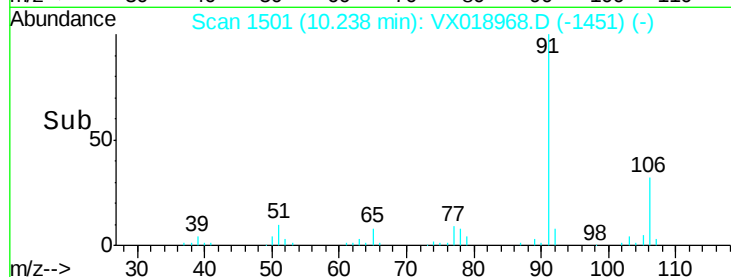
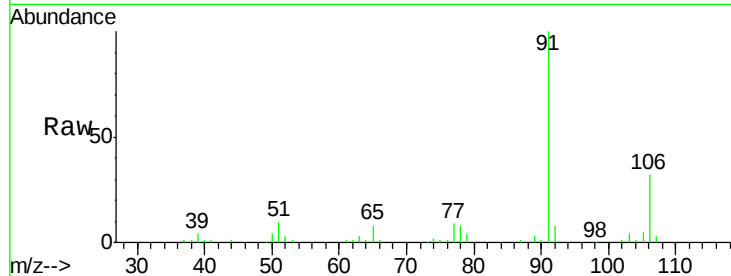
#67
Ethyl Benzene
Concen: 5.109 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 24779
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1

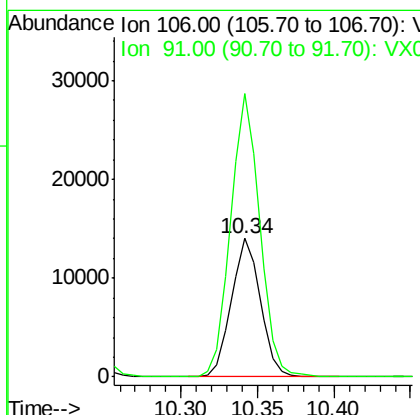
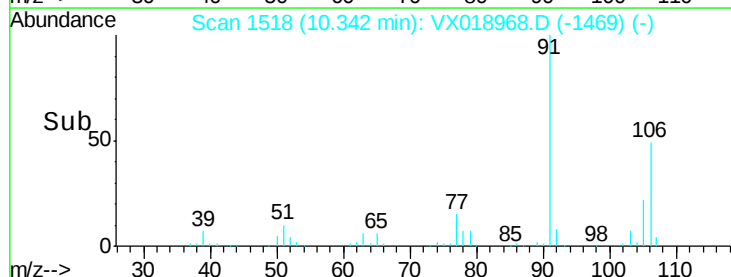
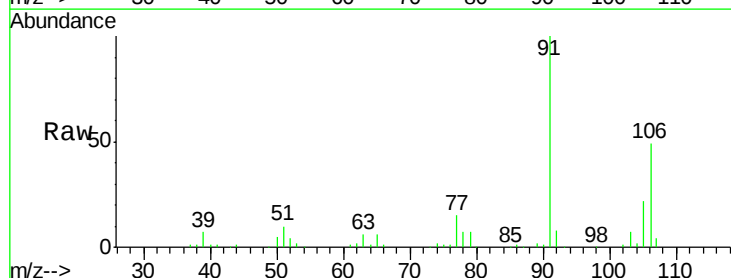
Manual Integrations
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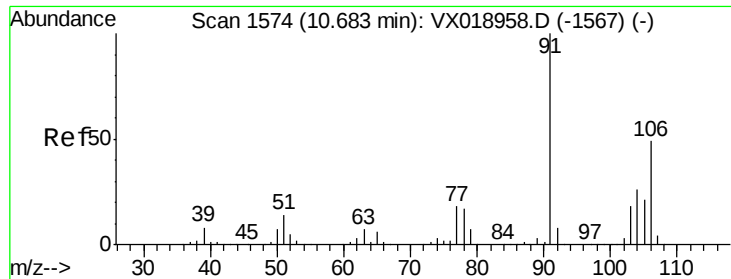
MMDadoda
10/20/2020 4:52:45 PM



#68
m/p-Xylenes
Concen: 9.834 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion: 106 Resp: 18487
Ion Ratio Lower Upper
106 100
91 204.5 156.7 235.1





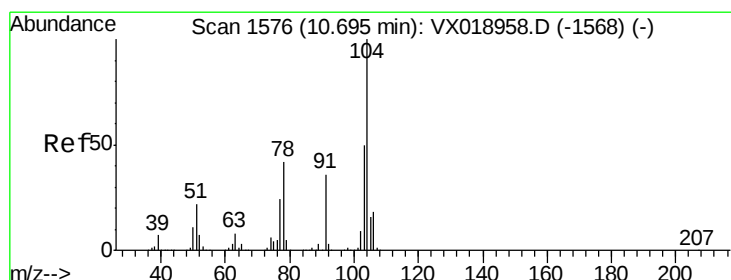
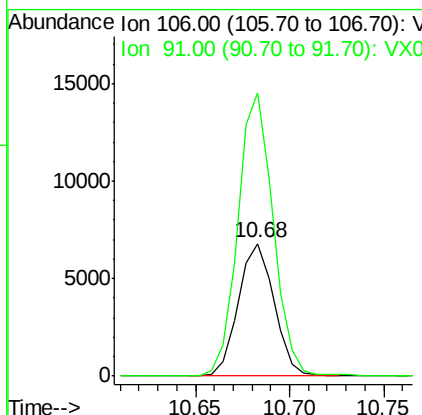
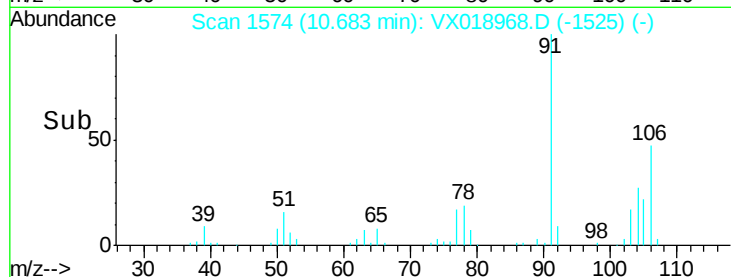
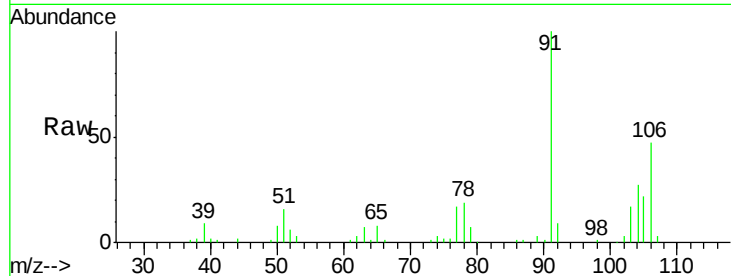
#69
o-Xylene
Concen: 4.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion:106 Resp: 8967
Ion Ratio Lower Upper
106 100
91 210.0 102.4 307.1

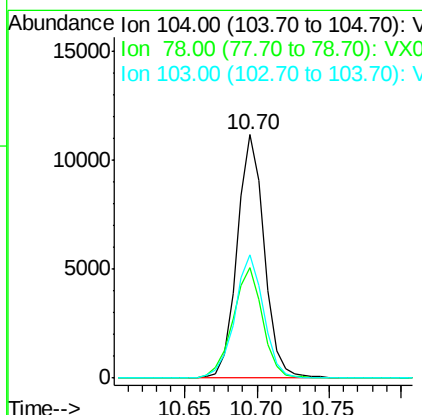
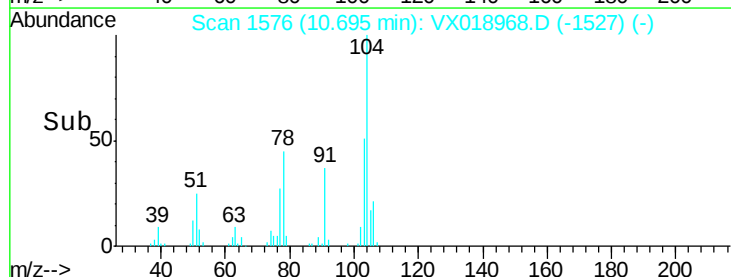
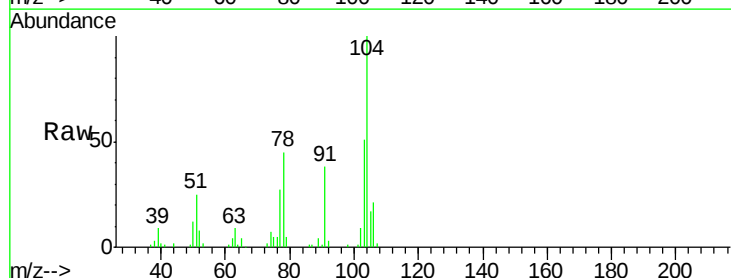
Manual Integrations
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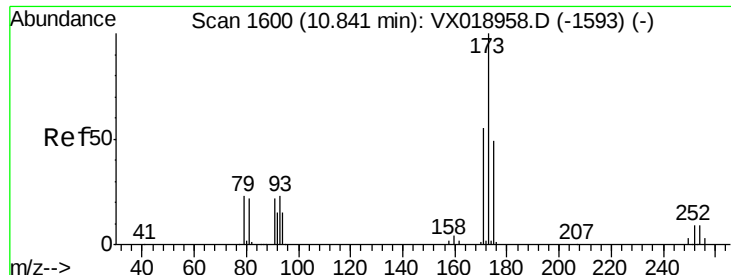
MMDadoda
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#70
Styrene
Concen: 4.806 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion:104 Resp: 14662
Ion Ratio Lower Upper
104 100
78 49.7 37.9 56.9
103 54.0 43.7 65.5





#71

Bromoform

Concen: 4.459 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

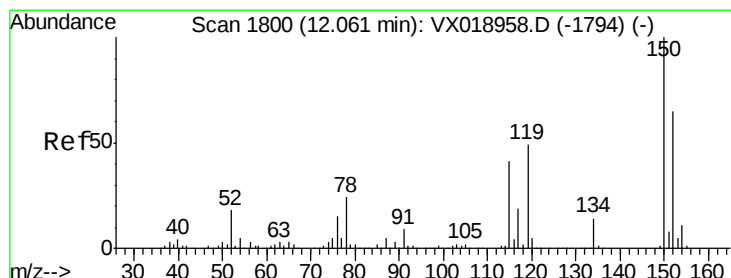
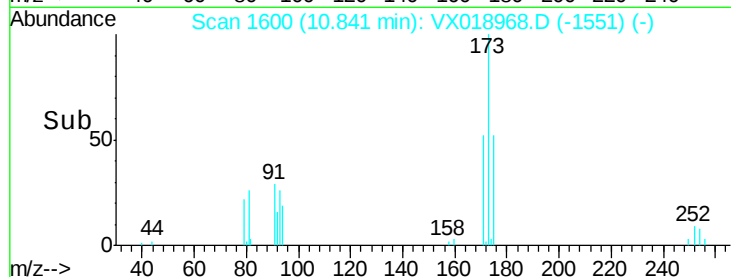
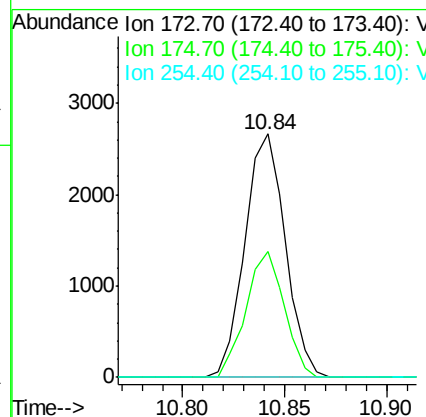
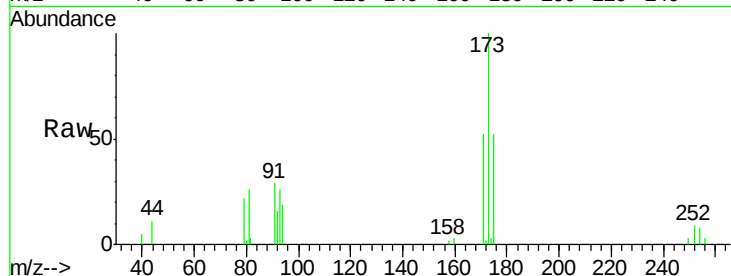
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	173	Resp:	3662
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

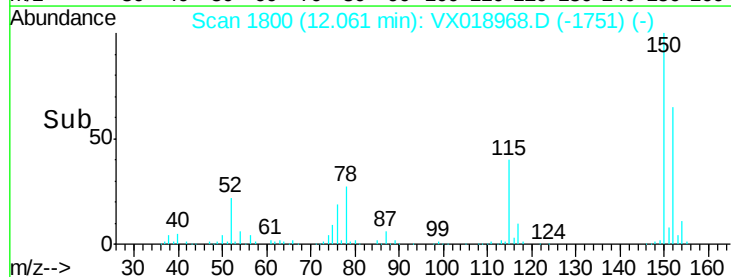
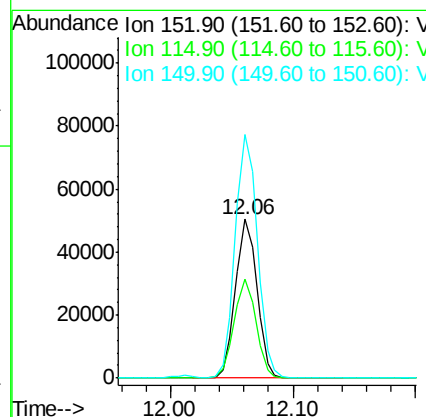
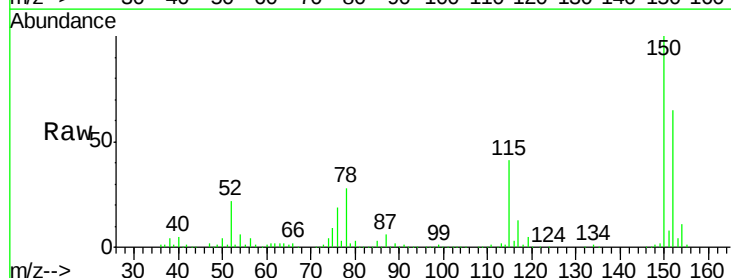
RT: 12.06 min Scan# 1800

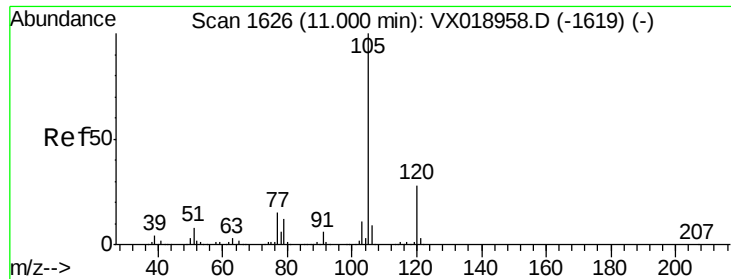
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	152	Resp:	60952
Ion Ratio	Lower	Upper	
152	100		
115	64.2	40.8	122.2
150	158.9	0.0	352.0





#73

Isopropylbenzene

Concen: 5.336 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 105 Resp: 23565

Ion Ratio Lower Upper

105 100

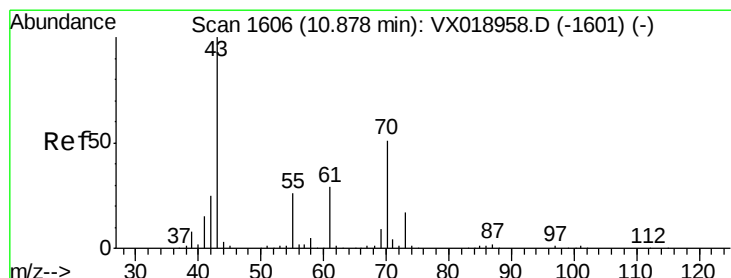
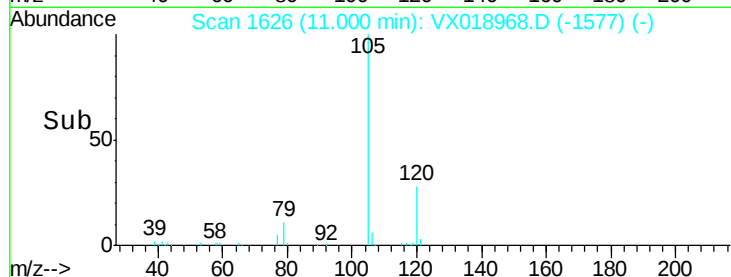
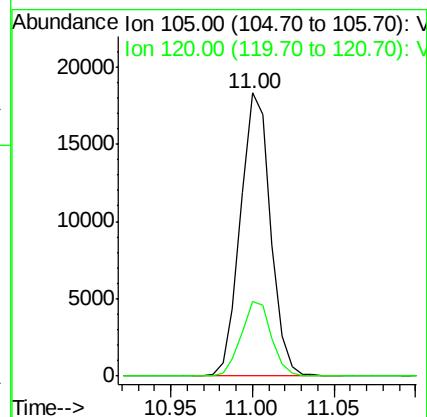
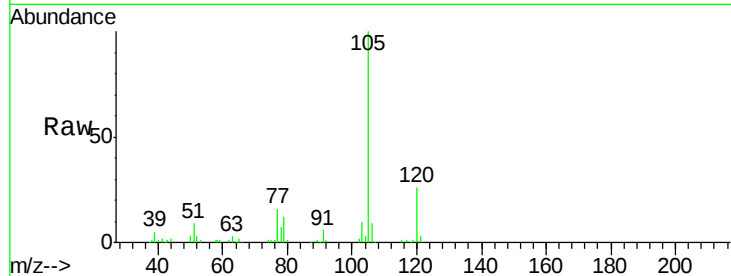
120 26.4 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 5.533 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion: 43 Resp: 9173

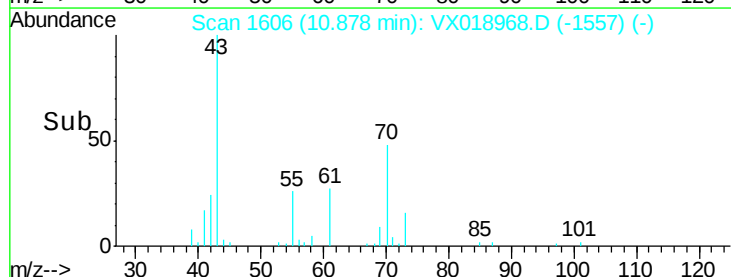
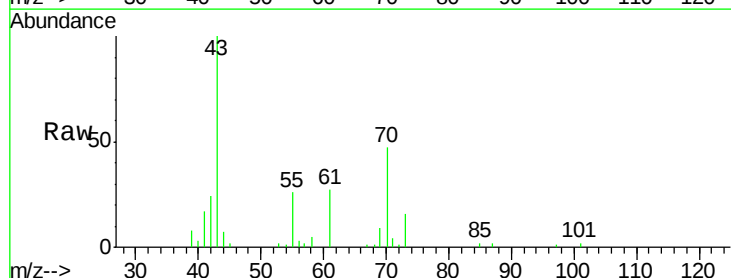
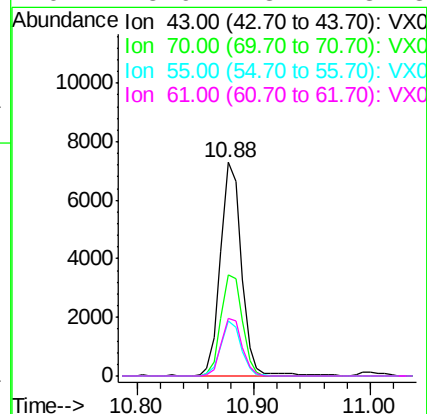
Ion Ratio Lower Upper

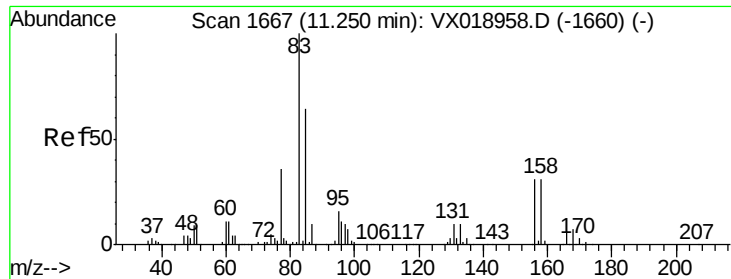
43 100

70 47.3 42.4 63.6

55 24.6 21.0 31.6

61 25.9 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.467 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

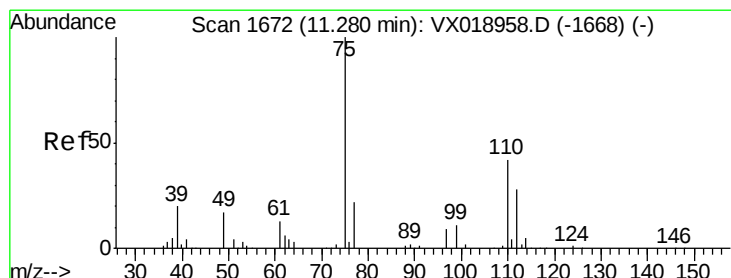
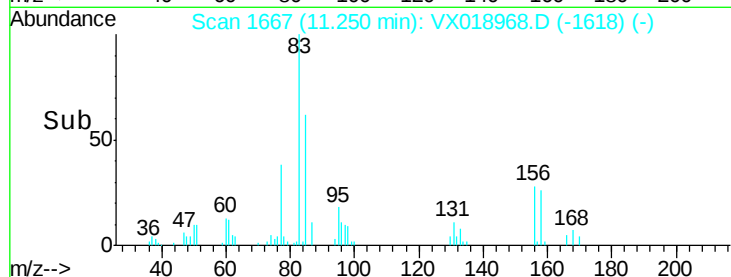
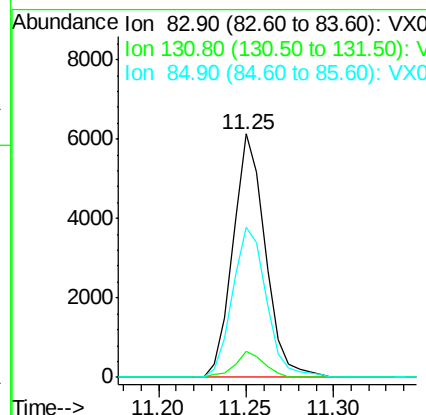
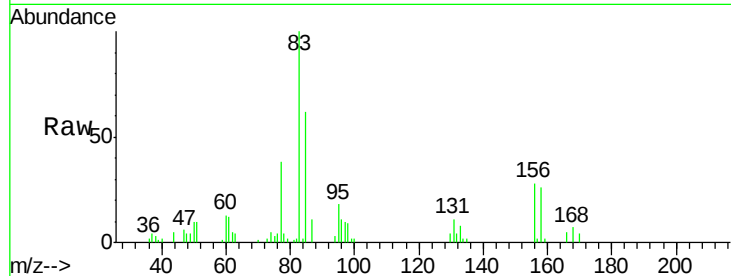
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	83	Resp:	7867
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.3	15.9
85	64.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 5.509 ug/l m

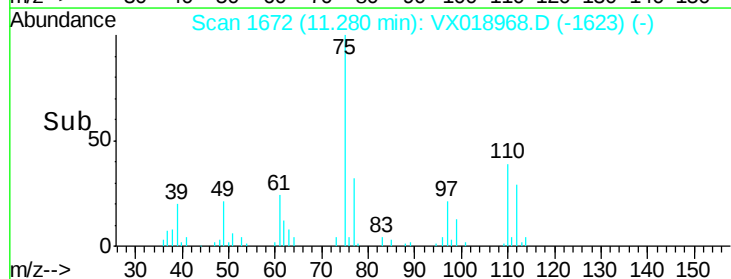
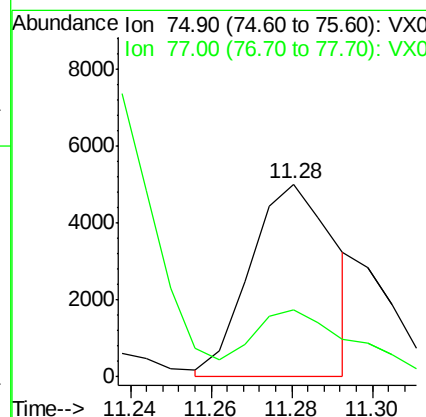
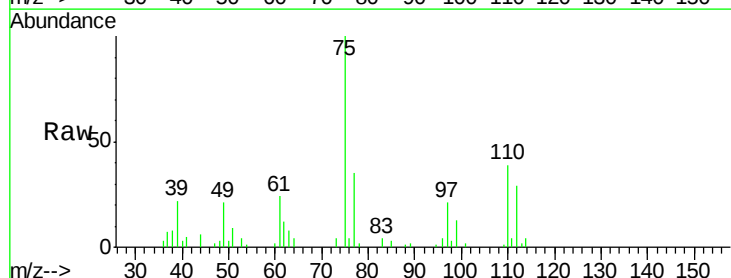
RT: 11.28 min Scan# 1672

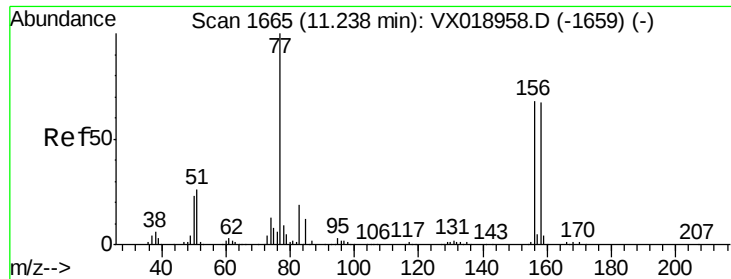
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion:	75	Resp:	7298
Ion	Ratio	Lower	Upper
75	100		
77	42.1	21.1	63.1





#77

Bromobenzene

Concen: 5.013 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Instrument :

MSVOA_X

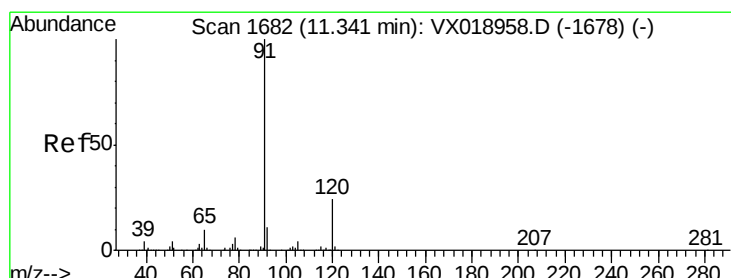
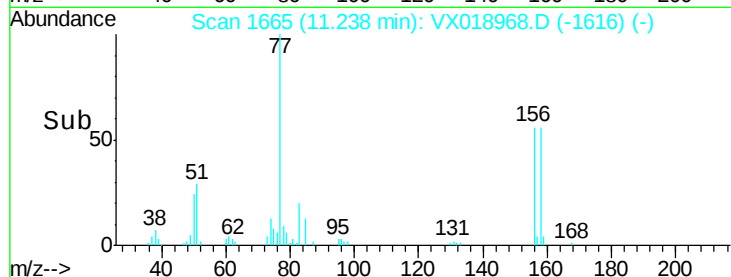
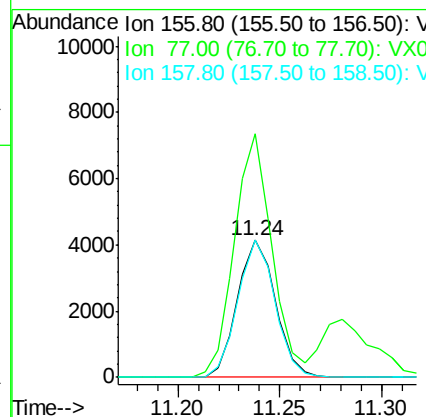
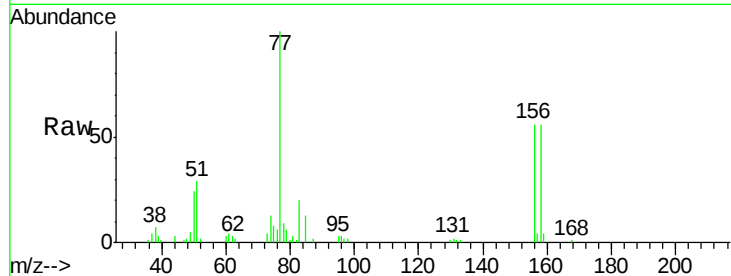
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.9	77.4	232.2
158	97.6	50.6	151.9

Manual Integrations
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#78

n-propylbenzene

Concen: 5.336 ug/l

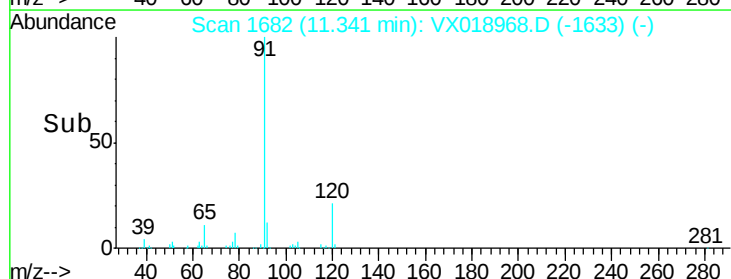
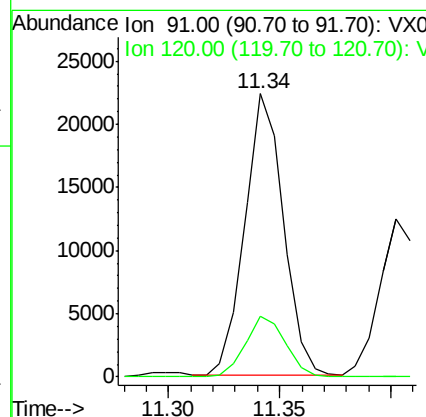
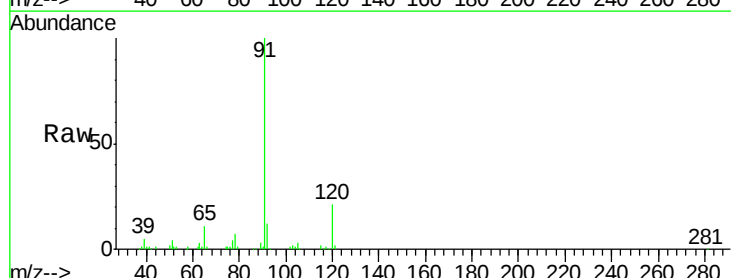
RT: 11.34 min Scan# 1682

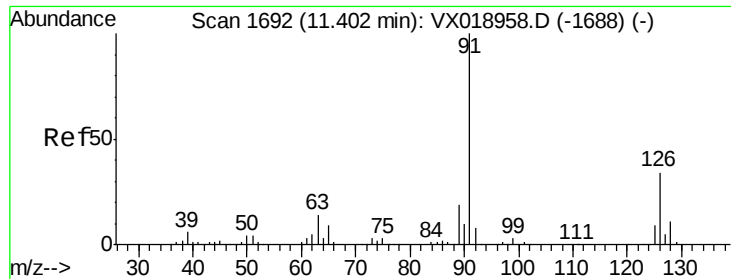
Delta R.T. 0.00 min

Lab File: VX018968.D

Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.2	36.4





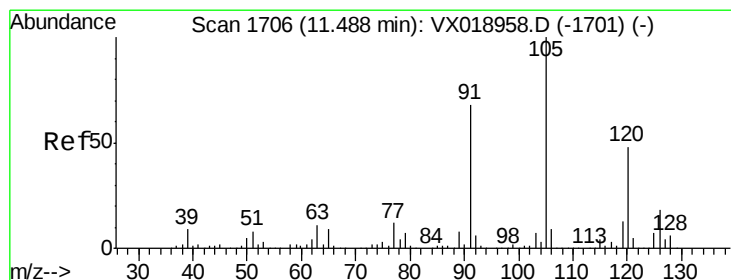
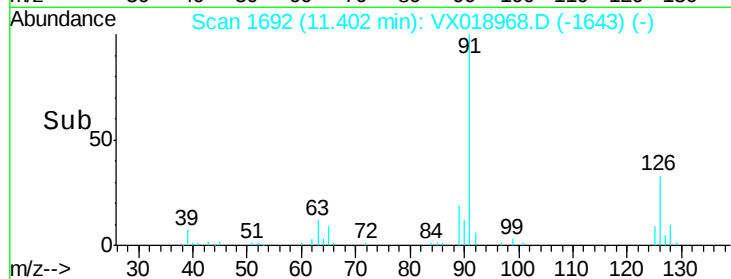
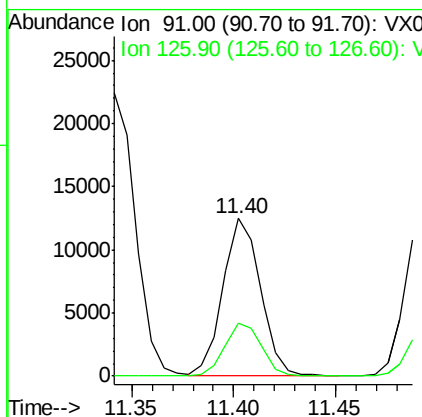
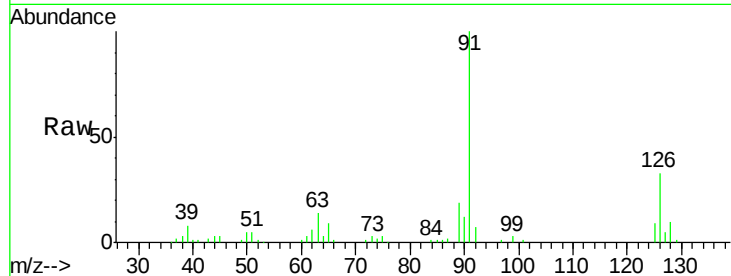
#79
 2-Chlorotoluene
 Concen: 5.437 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 16023
 Ion Ratio Lower Upper
 91 100
 126 32.9 17.6 52.9

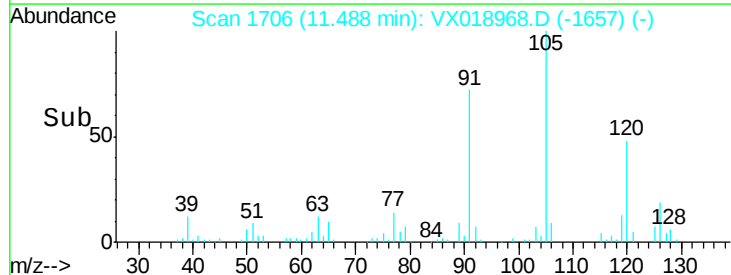
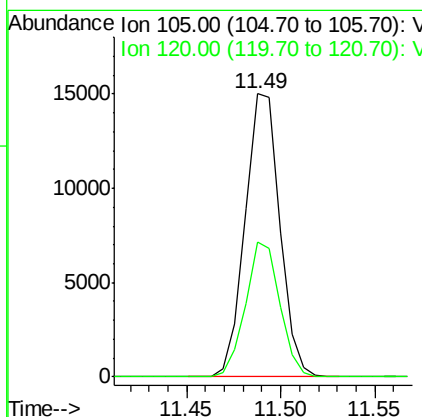
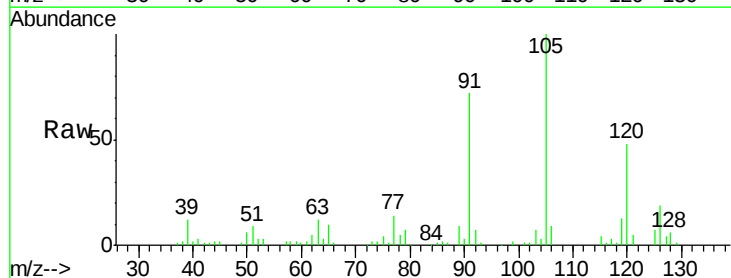
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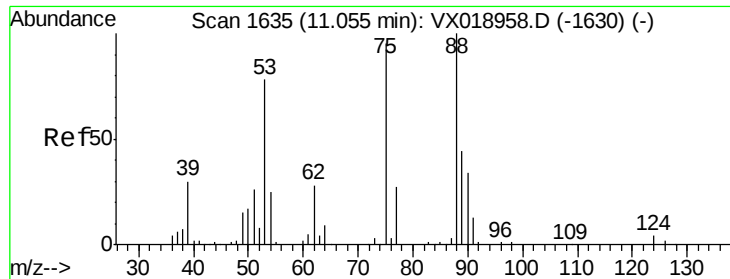
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 5.218 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion: 105 Resp: 19233
 Ion Ratio Lower Upper
 105 100
 120 47.1 25.1 75.3





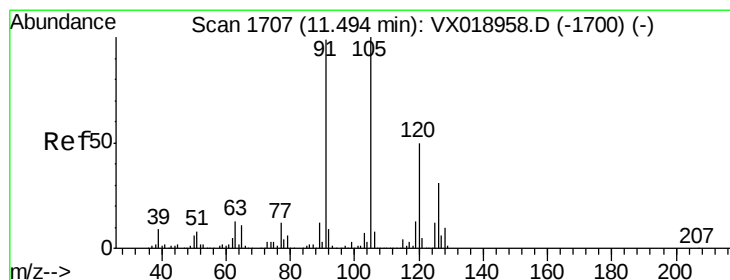
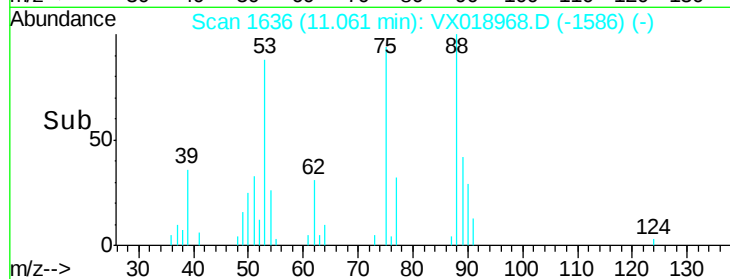
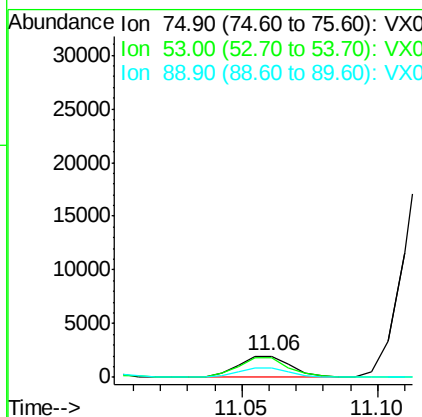
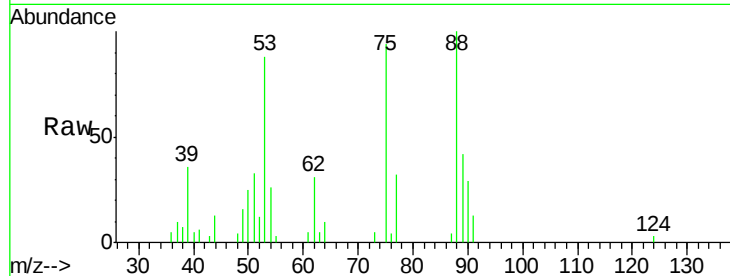
#81
trans-1,4-Dichloro-2-butene
Concen: 5.052 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.6	64.2	96.2
89	43.1	38.6	58.0

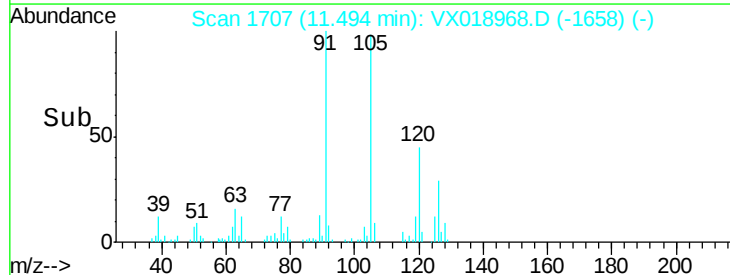
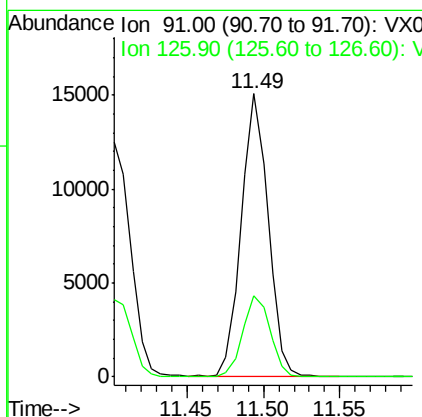
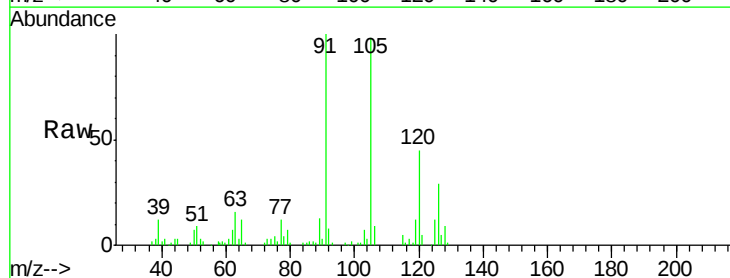
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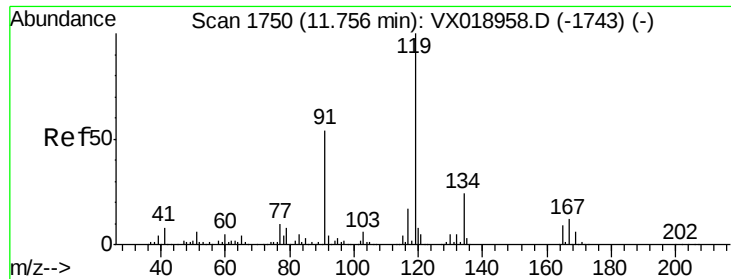
MMDadoda
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#82
4-Chlorotoluene
Concen: 5.219 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	15.8	47.4





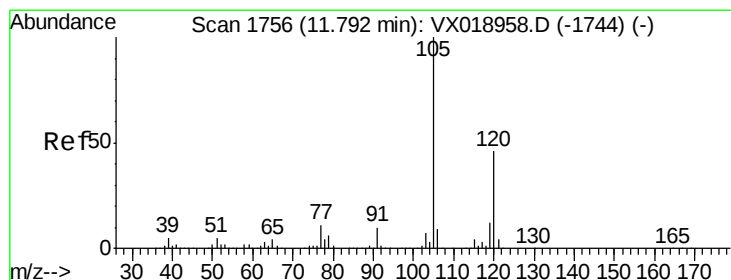
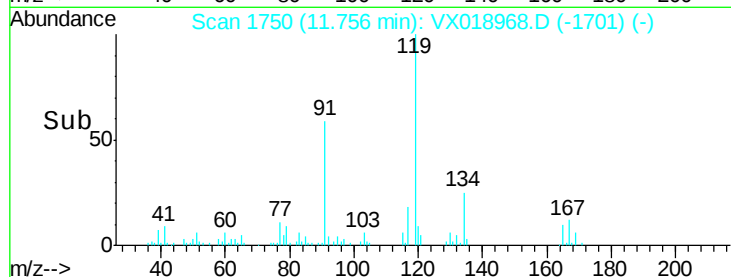
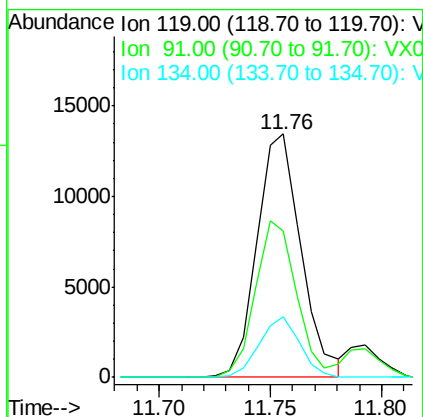
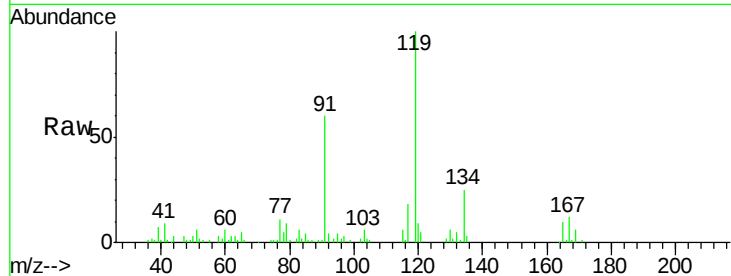
#83
tert-Butylbenzene
Concen: 5.038 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	18535		
91	59.6		27.2	81.6
134	22.8		11.8	35.4

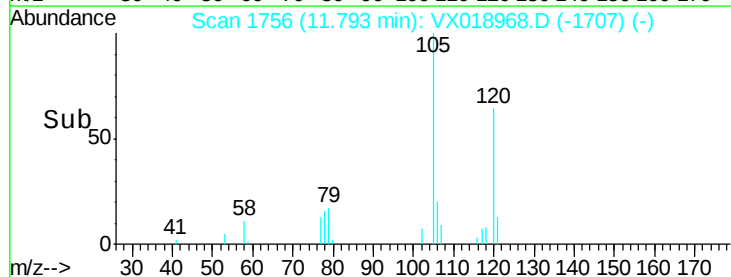
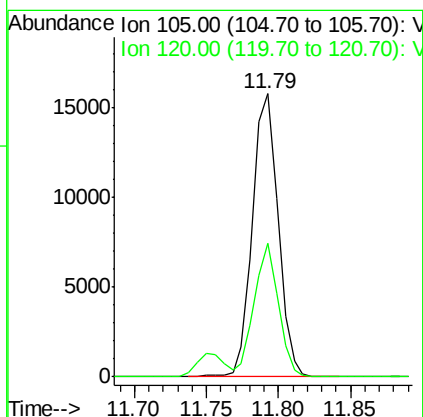
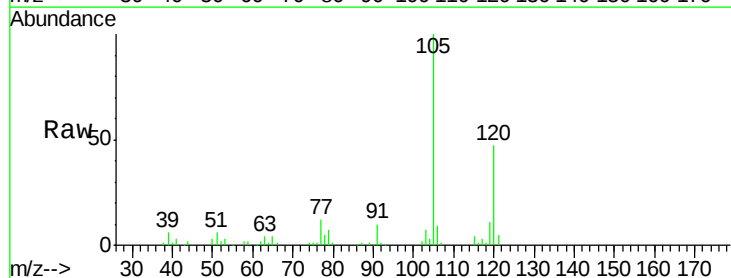
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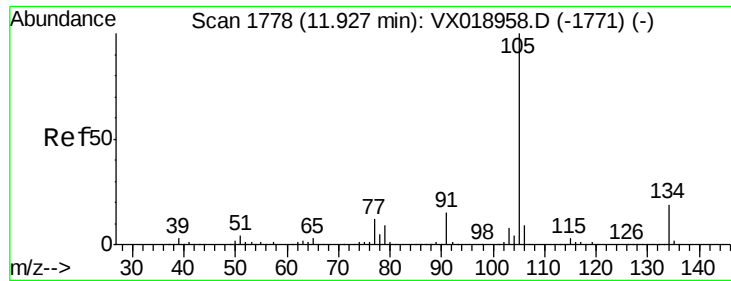
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#84
1,2,4-Trimethylbenzene
Concen: 5.274 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	19423		
120	44.4		22.9	68.5





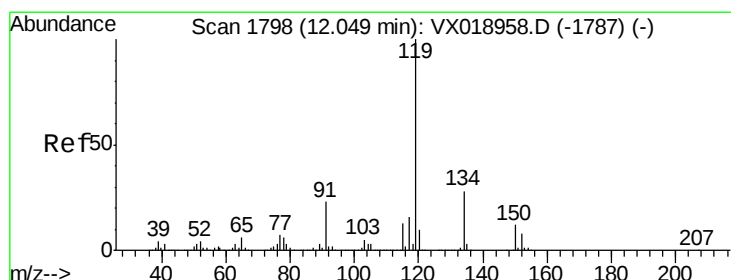
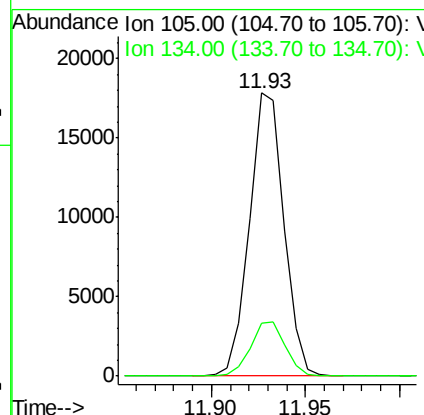
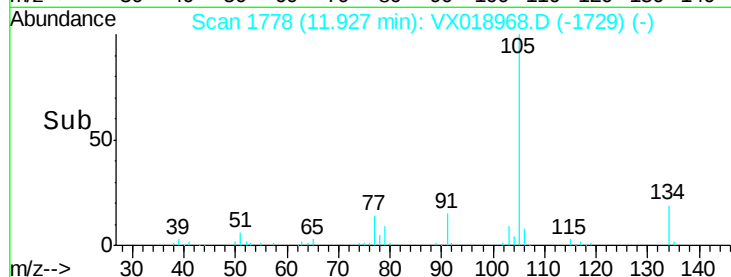
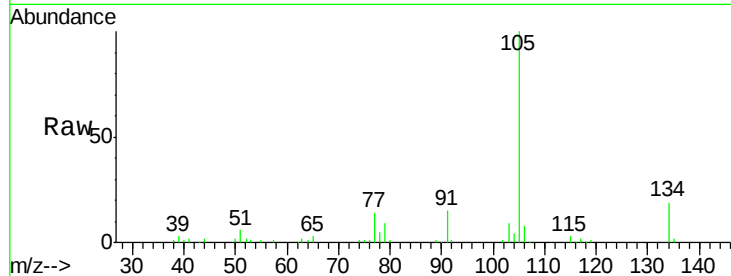
#85
 sec-Butylbenzene
 Concen: 5.225 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:105 Resp: 22607
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.8

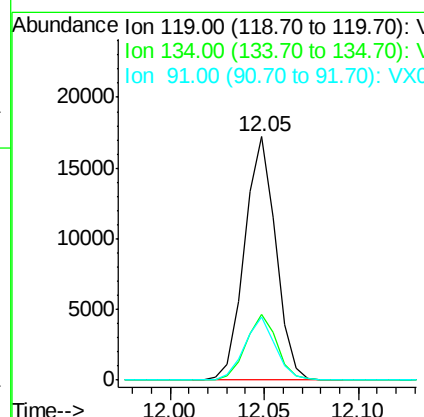
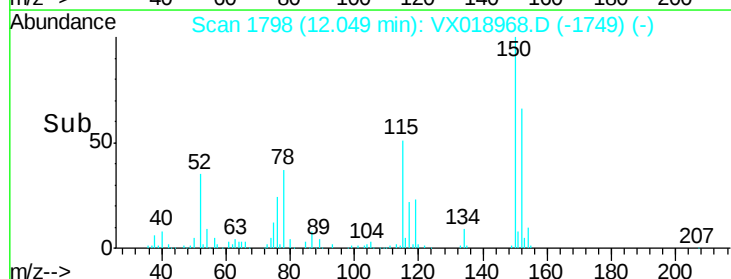
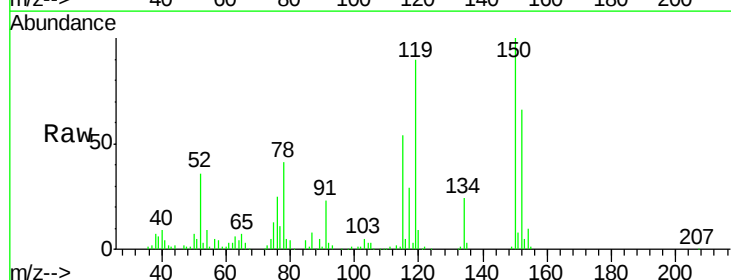
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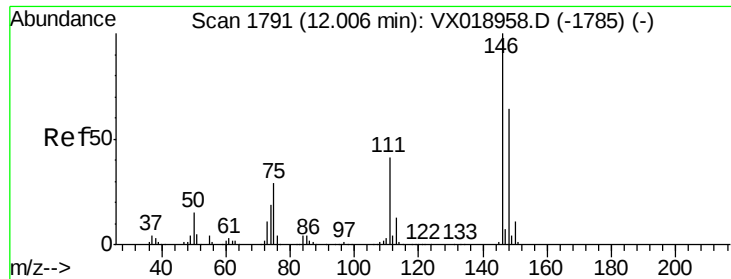
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#86
 p-Isopropyltoluene
 Concen: 4.985 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion:119 Resp: 19722
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.8 41.4
 91 25.8 11.5 34.5





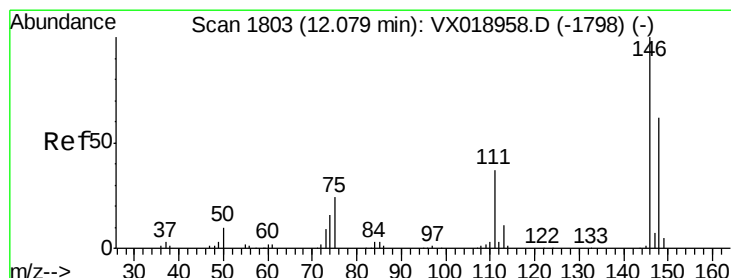
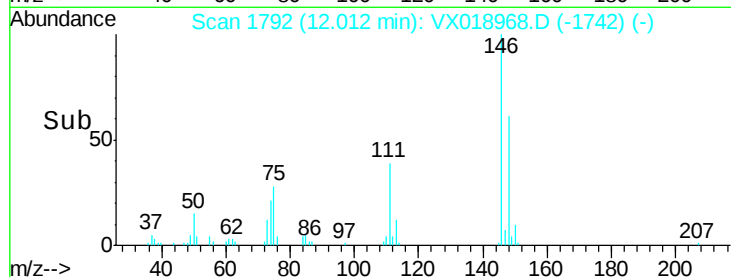
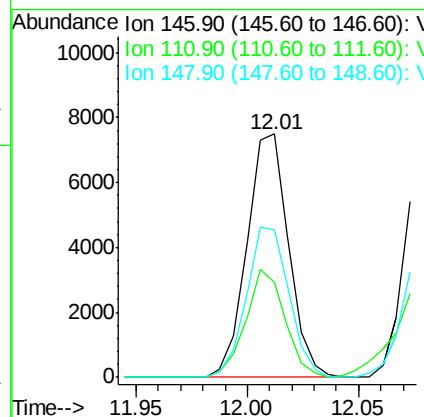
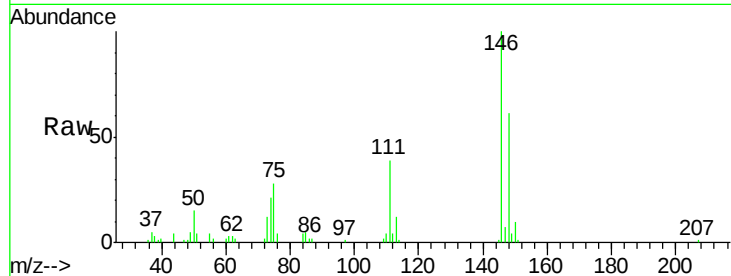
#87
 1,3-Dichlorobenzene
 Concen: 4.874 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.8	59.4
148	63.0	32.4	97.2

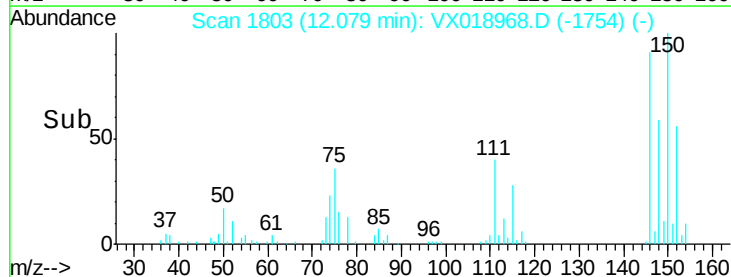
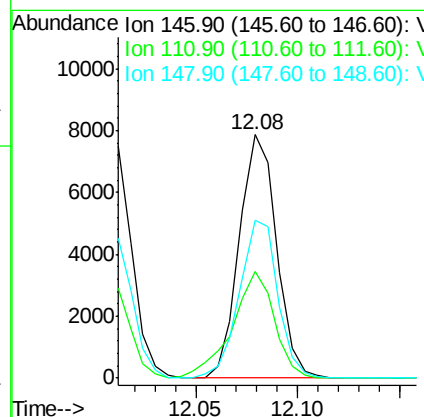
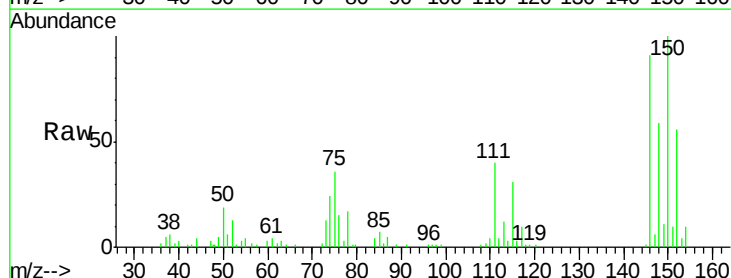
Manual Integrations
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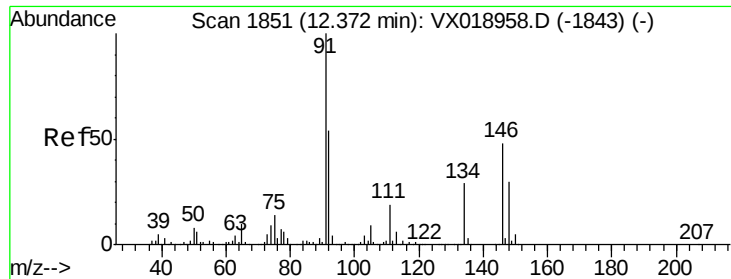
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#88
 1,4-Dichlorobenzene
 Concen: 4.766 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.6	18.8	56.3
148	67.2	31.7	95.1





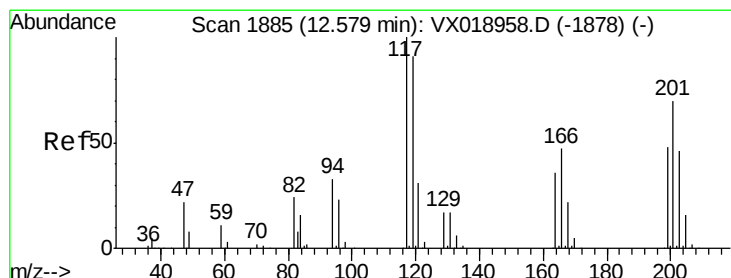
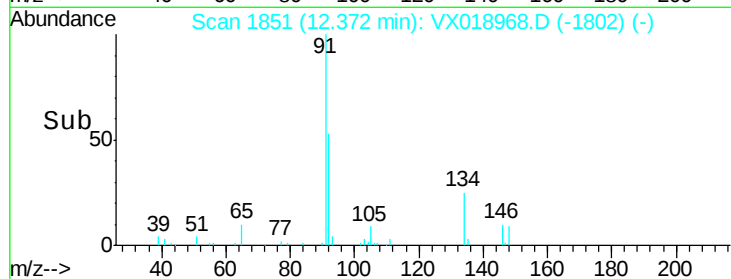
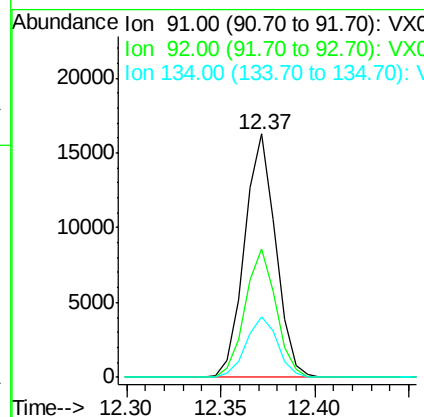
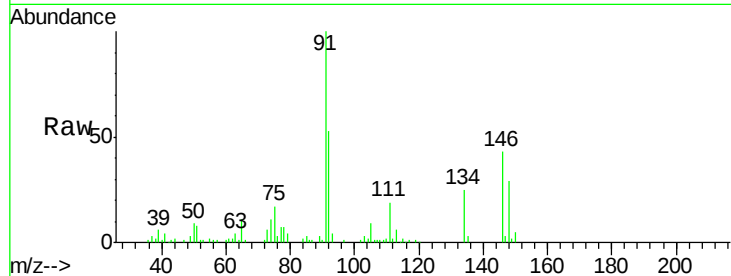
#89
n-Butylbenzene
Concen: 5.162 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	18615		
92	52.2		27.2	81.5
134	25.1		14.2	42.6

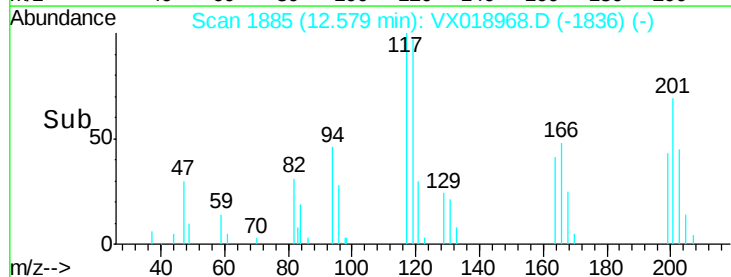
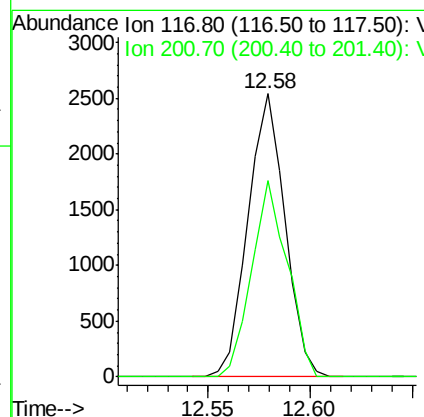
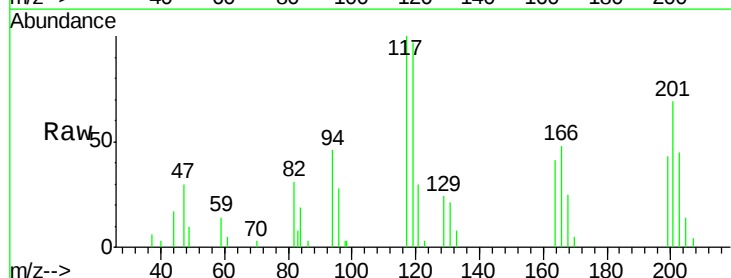
Manual Integrations
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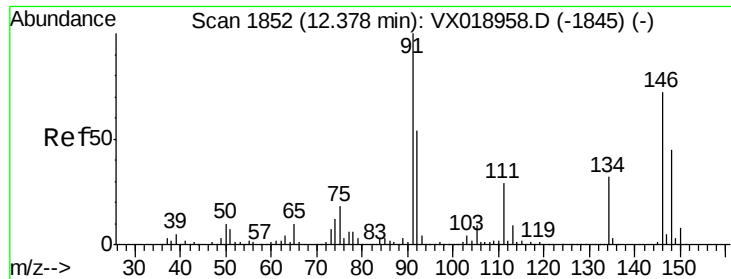
MMDadoda
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#90
Hexachloroethane
Concen: 4.973 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3211		
201	66.8		36.9	110.7





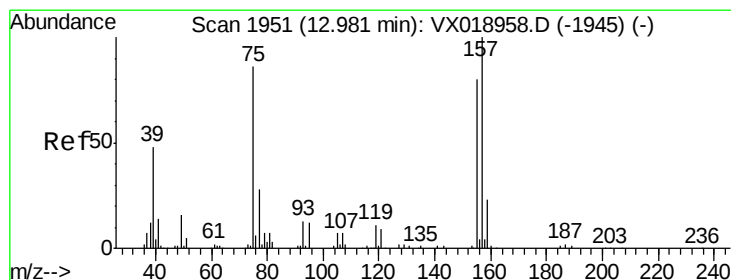
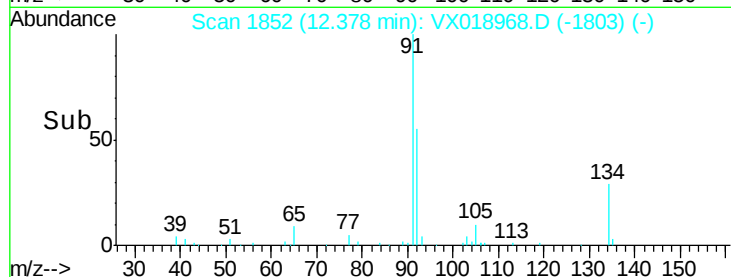
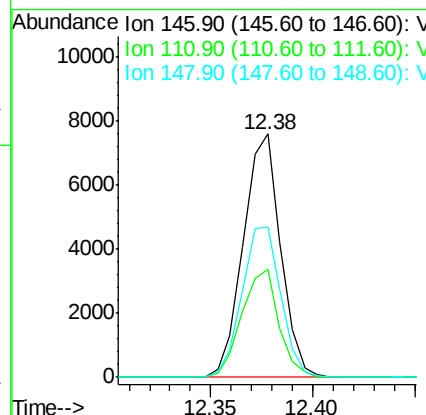
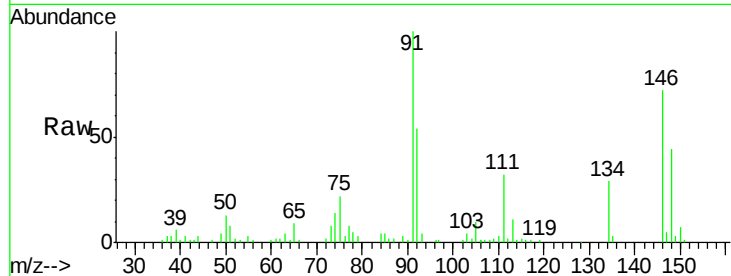
#91
 1,2-Dichlorobenzene
 Concen: 4.976 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	20.2	60.6
148	64.8	31.4	94.0

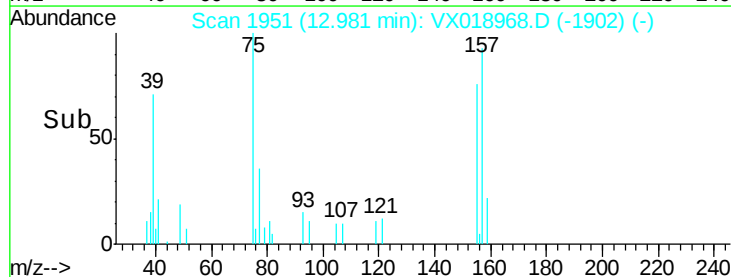
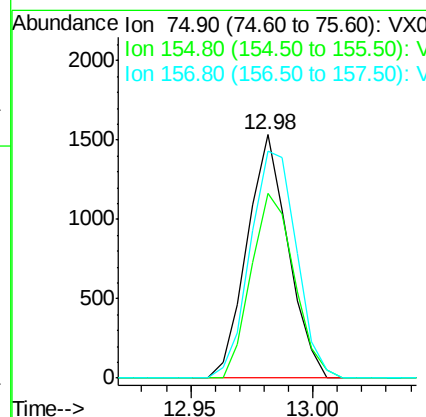
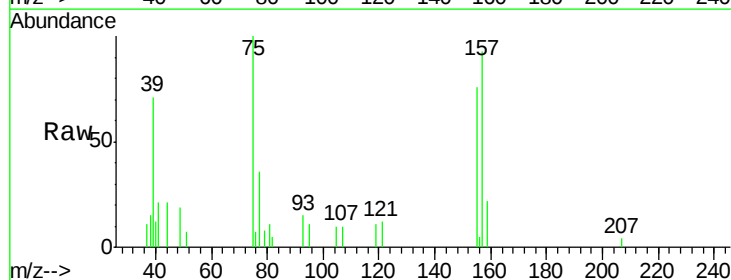
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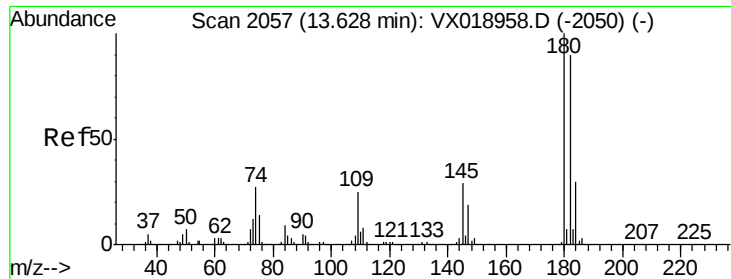
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.502 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	48.2	144.6
157	105.1	62.2	186.6





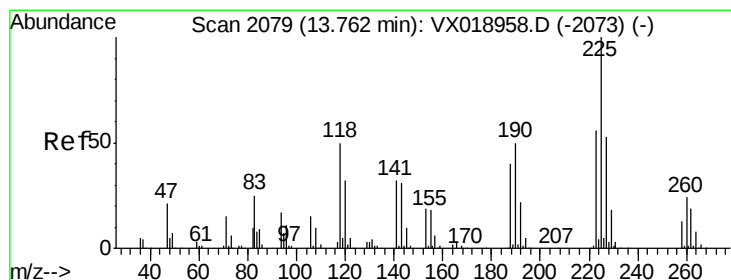
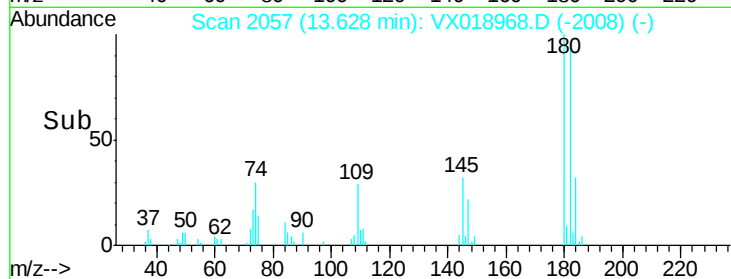
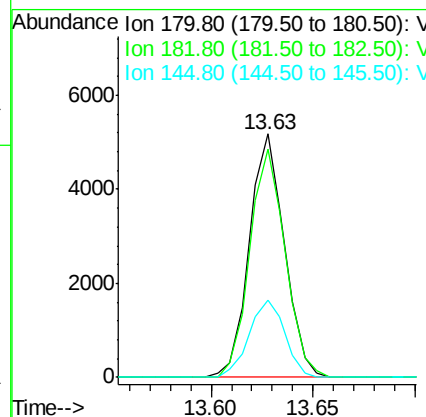
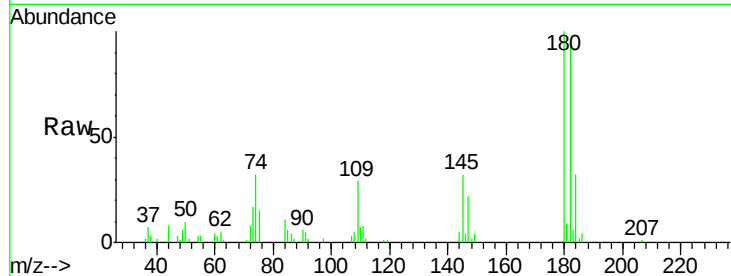
#93
 1,2,4-Trichlorobenzene
 Concen: 4.613 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.3	138.9
145	32.2	15.5	46.5

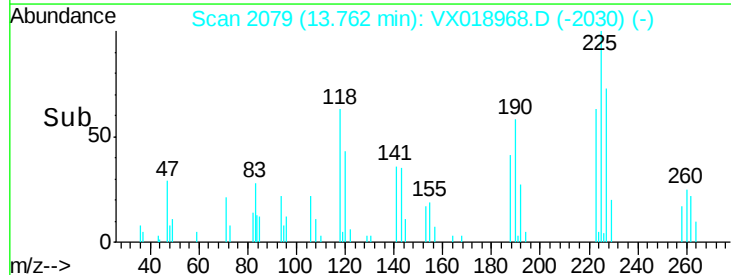
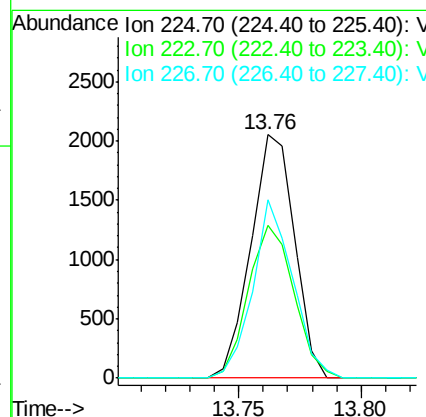
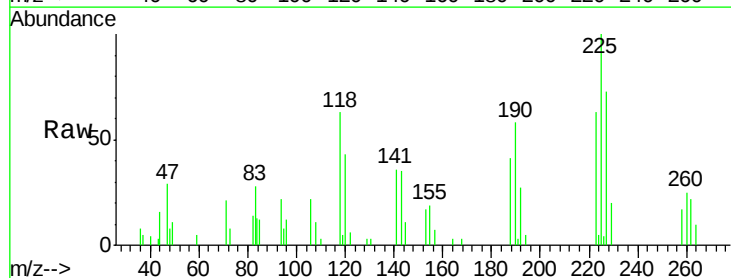
Manual Integrations
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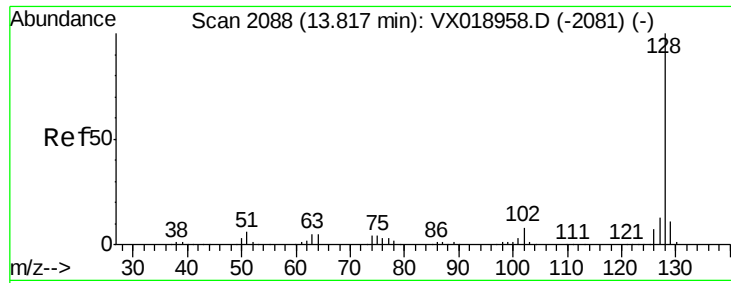
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 10/20/2020 4:52:45 PM



#94
 Hexachlorobutadiene
 Concen: 4.613 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018968.D
 Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.4	94.0
227	67.0	30.9	92.8





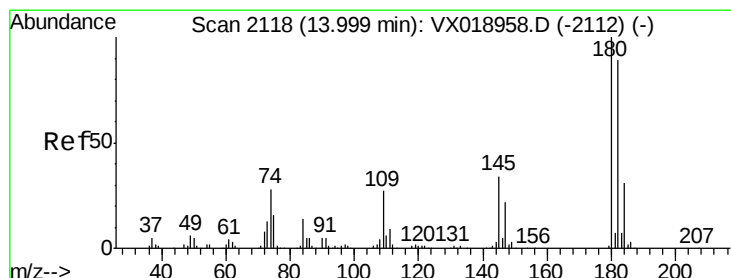
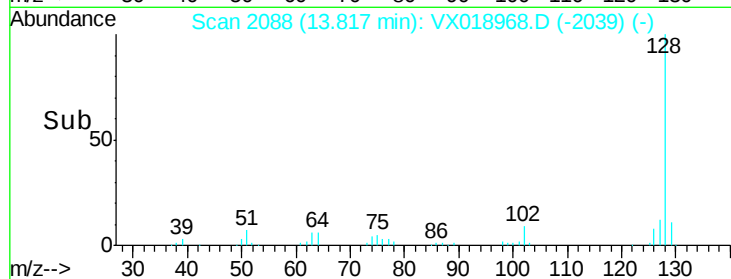
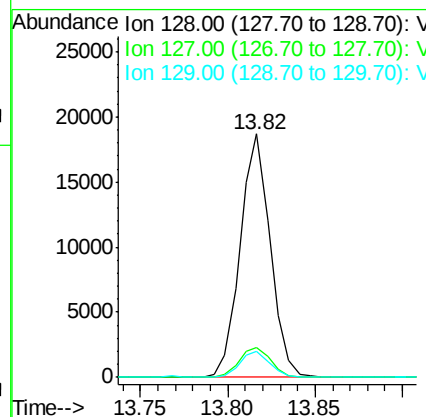
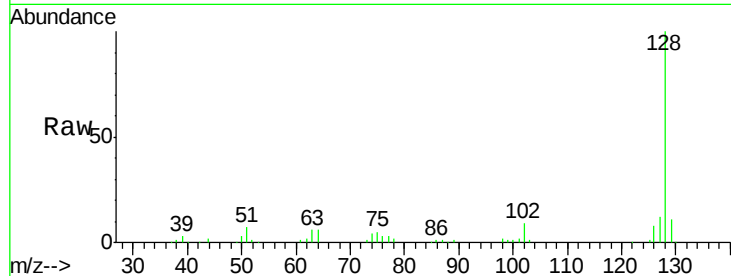
#95
Naphthalene
Concen: 4.879 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.471 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018968.D
Acq: 19 Oct 2020 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	46.6	139.7
145	35.7	17.0	51.0

