

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017359.D
 Acq On : 13 Jul 2020 17:36
 Operator : JC/SP
 Sample : L3216-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:07 AM

Quant Time: Jul 14 03:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	506452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	200546	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.47	113	162146	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	8.70	98	580656	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	212632	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	2745	1.035 ug/l	93
3) Chloromethane	1.31	50	3424	1.146 ug/l	92
4) Vinyl Chloride	1.39	62	2768	0.937 ug/l #	82
6) Chloroethane	1.71	64	2279	1.222 ug/l #	84
7) Trichlorofluoromethane	1.92	101	4899	0.982 ug/l	100
8) Diethyl Ether	2.17	74	2179	1.236 ug/l	66
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3035	1.068 ug/l	95
12) 1,1-Dichloroethene	2.36	96	3335	1.169 ug/l	85
14) Allyl chloride	2.71	41	5580	1.129 ug/l	94
15) Acrylonitrile	3.12	53	8980	5.587 ug/l	94
16) Acetone	2.42	43	8483	6.042 ug/l	92
17) Carbon Disulfide	2.55	76	9615	1.155 ug/l #	85
18) Methyl Acetate	2.75	43	3923	1.131 ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	9847	1.016 ug/l	94
20) Methylene Chloride	2.83	84	4670	1.363 ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	3510	1.075 ug/l	85
22) Diisopropyl ether	3.83	45	9704	1.030 ug/l #	87
23) Vinyl Acetate	3.78	43	38720	4.675 ug/l	98
24) 1,1-Dichloroethane	3.68	63	6164	1.114 ug/l #	82
25) 2-Butanone	4.64	43	11885	5.330 ug/l	97
26) 2,2-Dichloropropane	4.54	77	5454	1.059 ug/l	77
27) cis-1,2-Dichloroethene	4.57	96	4173	1.166 ug/l	94
28) Bromochloromethane	4.98	49	3082	1.205 ug/l #	84
29) Tetrahydrofuran	5.11	42	7733	5.357 ug/l	94
30) Chloroform	5.17	83	6212	1.043 ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	5601	1.017 ug/l #	47
36) 1,1-Dichloropropene	5.78	75	4738	1.017 ug/l	95
37) Ethyl Acetate	4.81	43	4312	0.895 ug/l #	92
38) Carbon Tetrachloride	5.75	117	5149	0.944 ug/l	96
39) Methylcyclohexane	7.43	83	4615	0.912 ug/l #	87
40) Benzene	6.12	78	13724	1.025 ug/l	92
41) Methacrylonitrile	5.01	41	2788	1.078 ug/l #	80
42) 1,2-Dichloroethane	6.17	62	5647	1.086 ug/l	92
43) Isopropyl Acetate	6.42	43	7405	0.962 ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3946	0.965	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3327	0.971	ug/l	96
46) Dibromomethane	7.65	93	2793	1.131	ug/l	85
47) Bromodichloromethane	7.88	83	4493	0.870	ug/l #	93
48) Methyl methacrylate	7.75	41	3747	1.014	ug/l	92
49) 1,4-Dioxane	7.72	88	1538	20.345	ug/l #	68
51) 4-Methyl-2-Pentanone	8.62	43	20045	4.270	ug/l	95
52) Toluene	8.76	92	8122	0.945	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5120	0.920	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	4927	0.830	ug/l #	91
55) 1,1,2-Trichloroethane	9.20	97	3722	1.039	ug/l #	85
56) Ethyl methacrylate	9.16	69	4411	0.867	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5611	0.942	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.29	63	10762	4.167	ug/l	99
59) 2-Hexanone	9.48	43	14085	3.976	ug/l	98
60) Dibromochloromethane	9.56	129	3844	0.878	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4038	1.036	ug/l	92
64) Tetrachloroethene	9.32	164	4751	1.154	ug/l #	82
65) Chlorobenzene	10.12	112	9253	0.957	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3595	0.934	ug/l #	64
67) Ethyl Benzene	10.23	91	14218	0.883	ug/l	99
68) m/p-Xylenes	10.34	106	10445	1.705	ug/l	99
69) o-Xylene	10.68	106	5015	0.857	ug/l	99
70) Styrene	10.70	104	7646	0.761	ug/l	94
71) Bromoform	10.84	173	2849	0.877	ug/l #	96
73) Isopropylbenzene	11.00	105	12851	0.865	ug/l	96
74) N-amyl acetate	10.88	43	5080	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	4988	1.105	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	4502m	1.028	ug/l	
77) Bromobenzene	11.24	156	4184	0.988	ug/l	90
78) n-propylbenzene	11.34	91	15571	0.933	ug/l	96
79) 2-Chlorotoluene	11.40	91	9740	0.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	10917	0.865	ug/l	95
82) 4-Chlorotoluene	11.49	91	11292	0.926	ug/l	97
83) tert-Butylbenzene	11.76	119	10760	0.882	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	10695	0.839	ug/l	96
85) sec-Butylbenzene	11.93	105	11783	0.825	ug/l	99
86) p-Isopropyltoluene	12.05	119	11078	0.820	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7925	1.047	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	8414m	1.100	ug/l	
89) n-Butylbenzene	12.37	91	10402	0.903	ug/l	98
90) Hexachloroethane	12.58	117	2532	0.987	ug/l	85
91) 1,2-Dichlorobenzene	12.38	146	6895	0.969	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1166	0.979	ug/l	86
93) 1,2,4-Trichlorobenzene	13.63	180	4609	0.933	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	1.159	ug/l	90
95) Naphthalene	13.82	128	12322	0.848	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4637	0.972	ug/l	98

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LOQ-WATER-02-QT3-2020

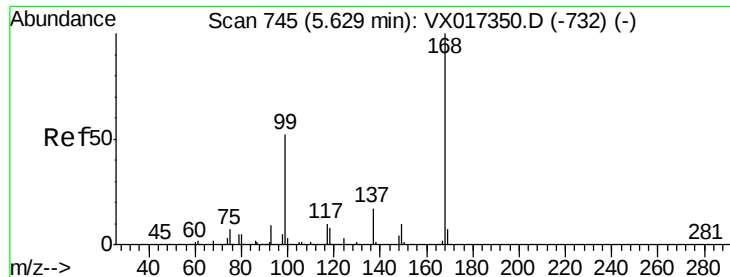
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:168 Resp: 313551

Ion Ratio Lower Upper

168 100

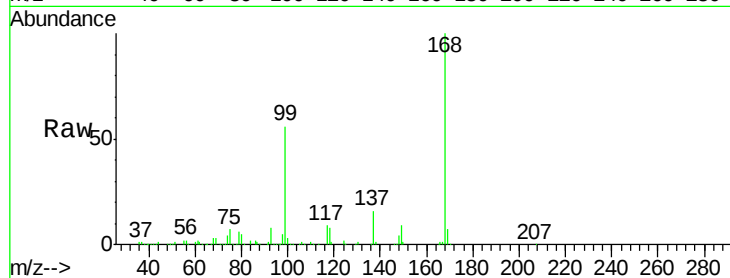
99 56.4 41.6 62.4

Manual Integrations

APPROVED

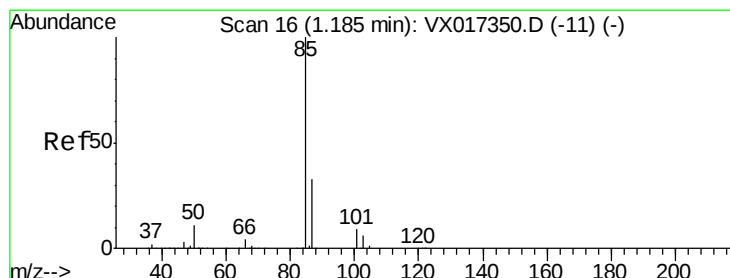
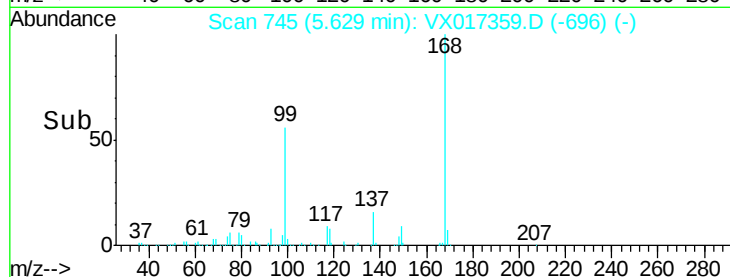
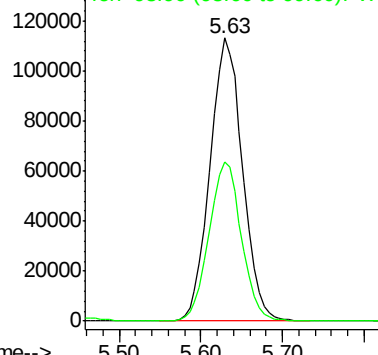
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.035 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017359.D

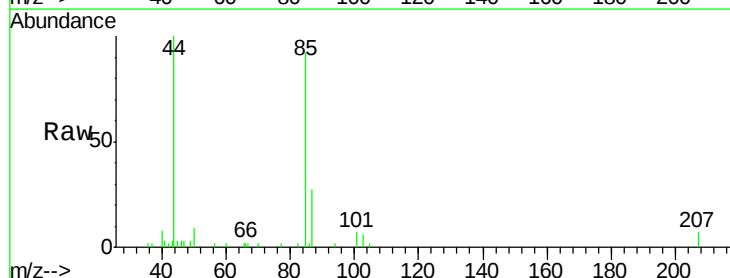
Acq: 13 Jul 2020 17:36

Tgt Ion: 85 Resp: 2745

Ion Ratio Lower Upper

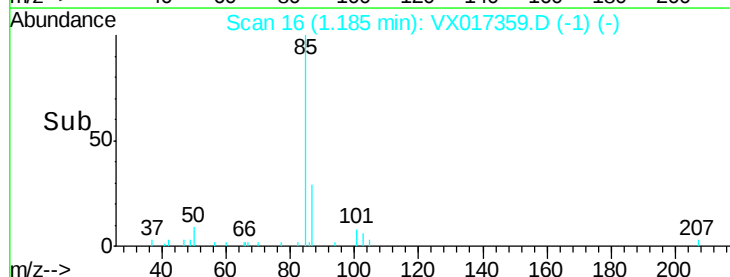
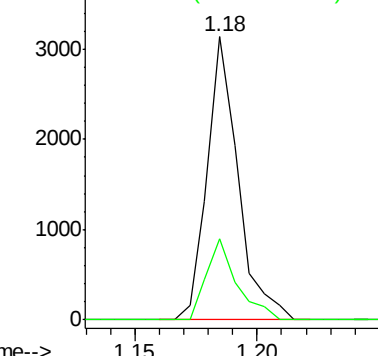
85 100

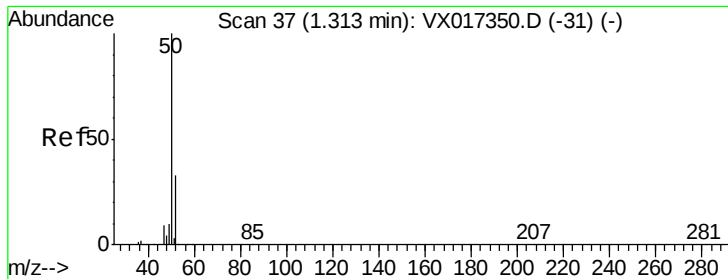
87 28.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.146 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 50 Resp: 3424

Ion Ratio Lower Upper

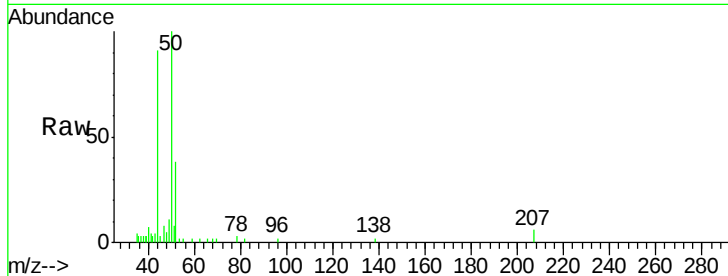
50 100

52 37.9 26.7 40.1

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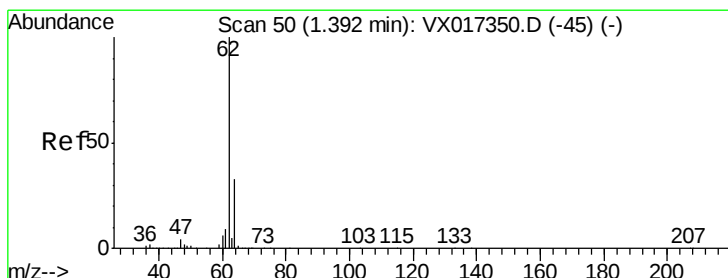
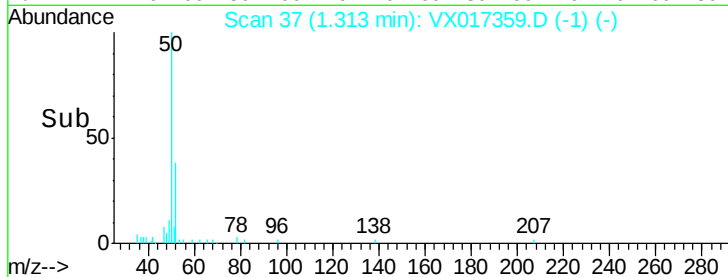
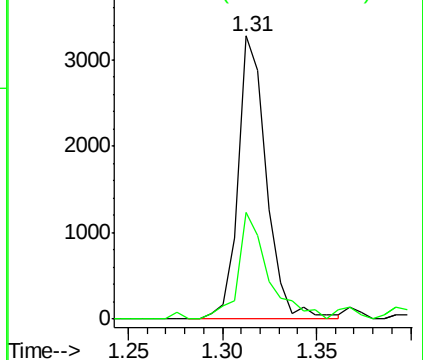
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.937 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017359.D

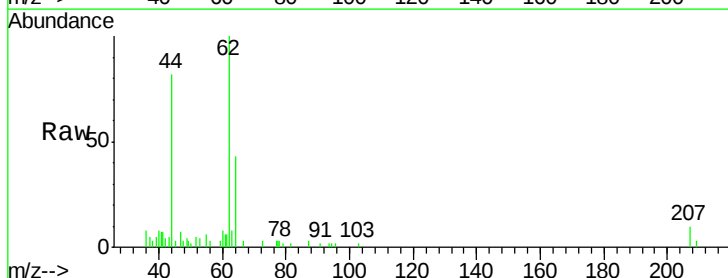
Acq: 13 Jul 2020 17:36

Tgt Ion: 62 Resp: 2768

Ion Ratio Lower Upper

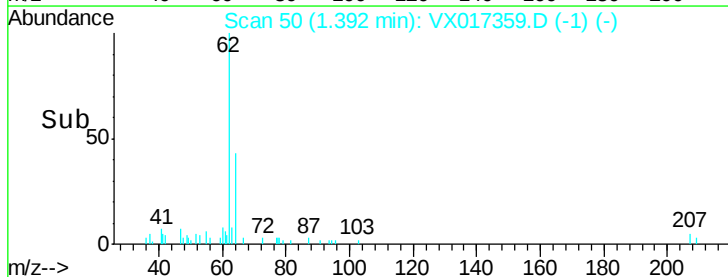
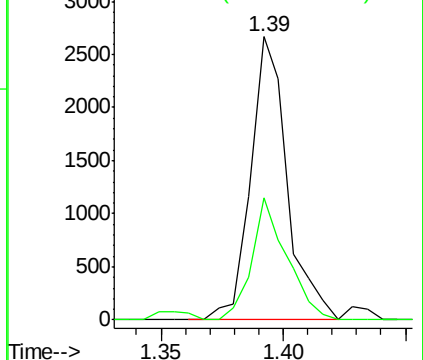
62 100

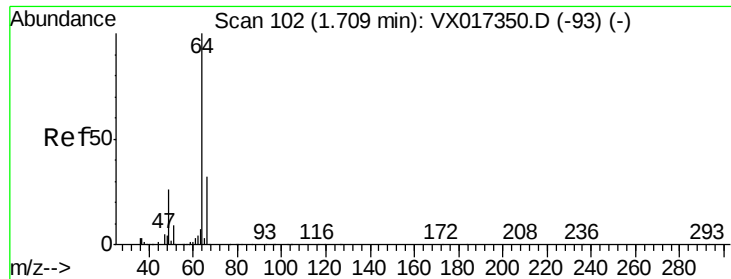
64 43.3 26.3 39.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.222 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 64 Resp: 2279

Ion Ratio Lower Upper

64 100

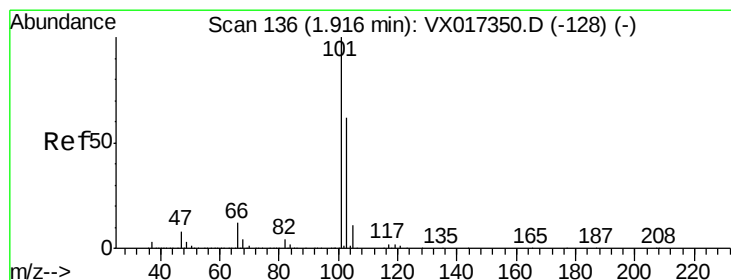
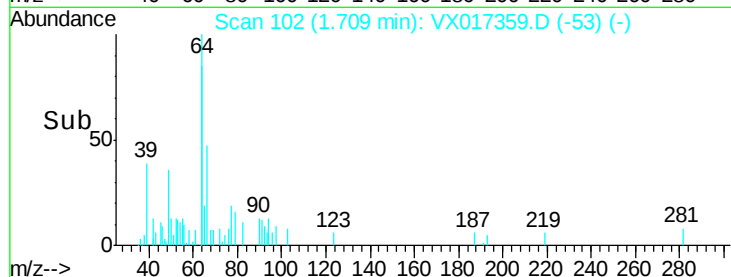
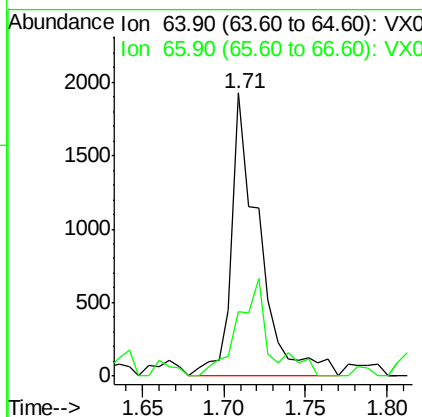
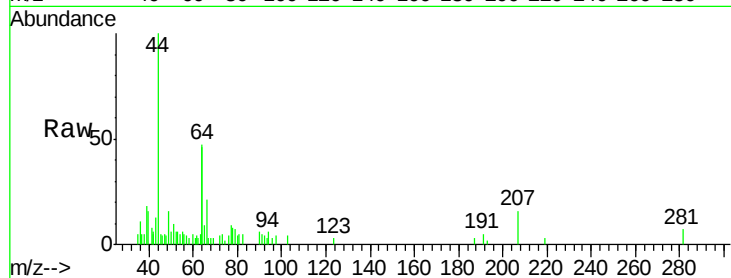
66 23.0 25.7 38.5#

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#7

Trichlorofluoromethane

Concen: 0.982 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX017359.D

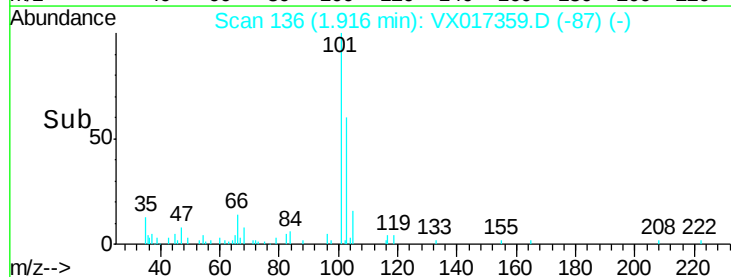
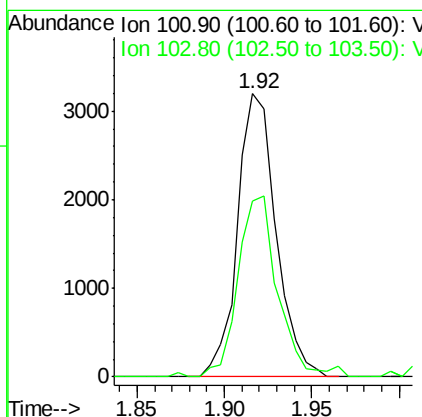
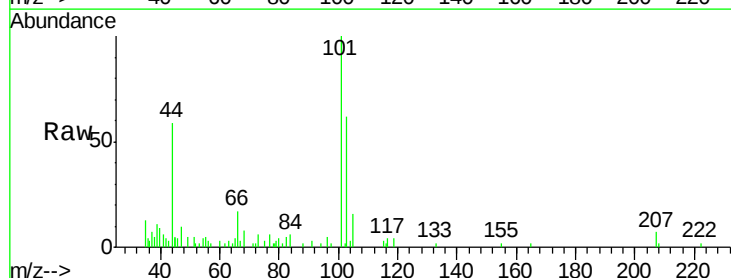
Acq: 13 Jul 2020 17:36

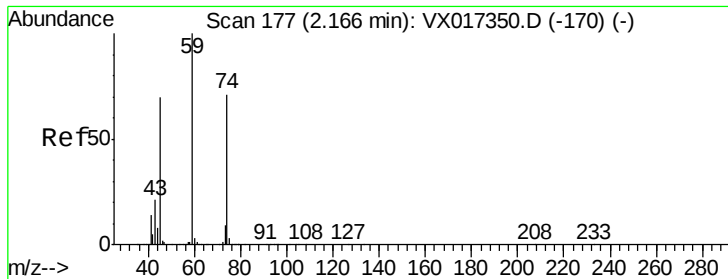
Tgt Ion: 101 Resp: 4899

Ion Ratio Lower Upper

101 100

103 62.2 49.6 74.4





#8

Diethyl Ether

Concen: 1.236 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017359.D

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Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 74 Resp: 2179

Ion Ratio Lower Upper

74 100

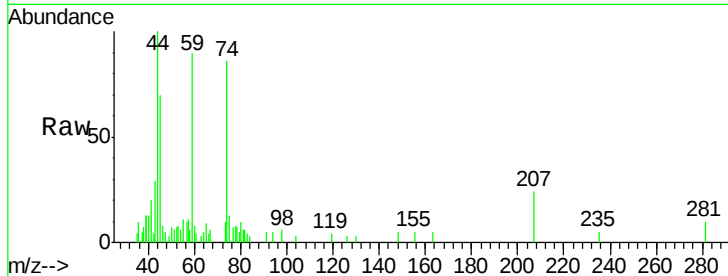
45 61.9 47.2 141.6

Manual Integrations

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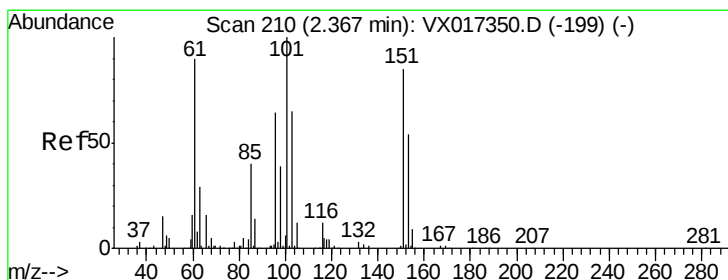
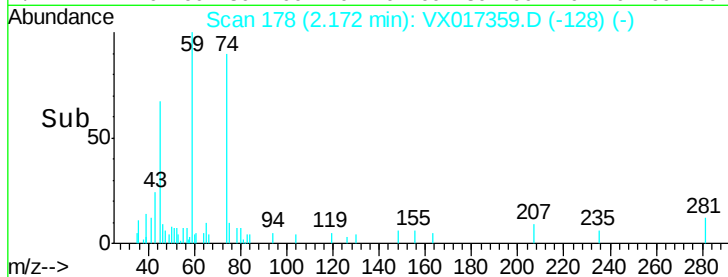
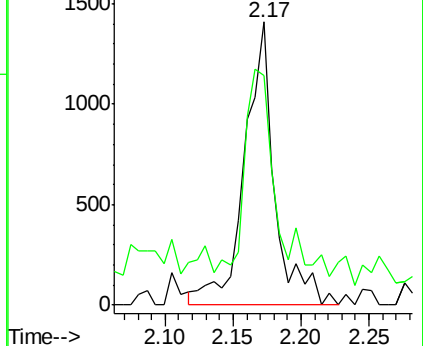
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.068 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

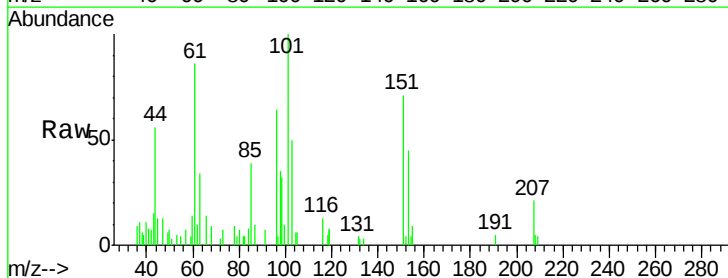
Tgt Ion: 101 Resp: 3035

Ion Ratio Lower Upper

101 100

85 40.8 33.7 50.5

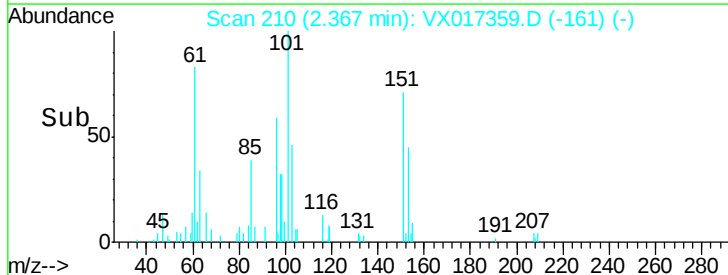
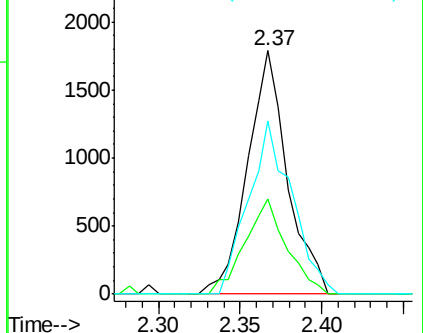
151 77.3 66.4 99.6

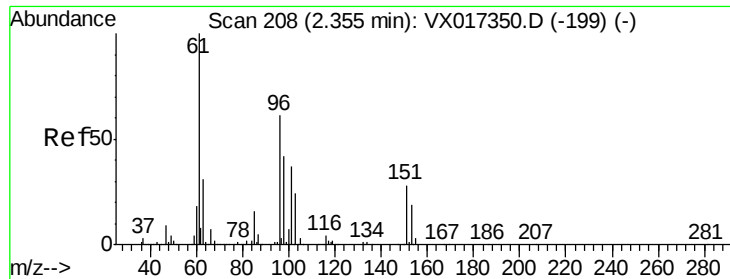


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.169 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

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Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

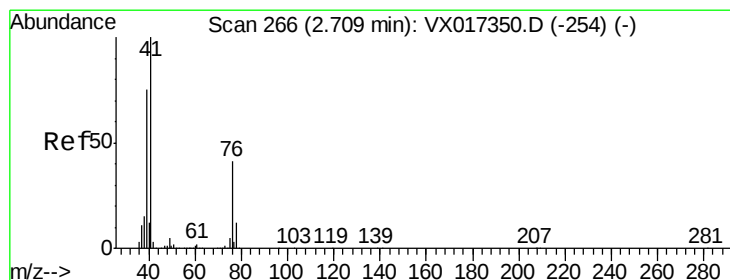
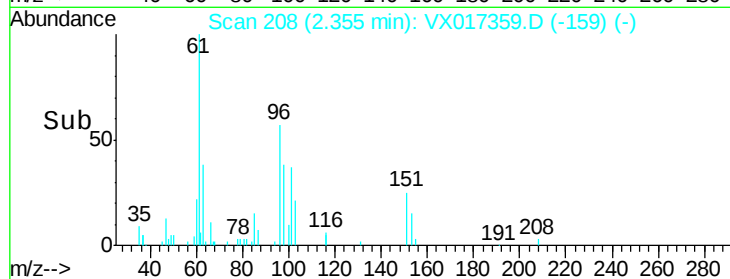
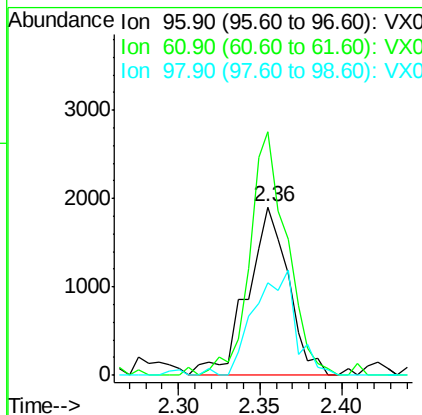
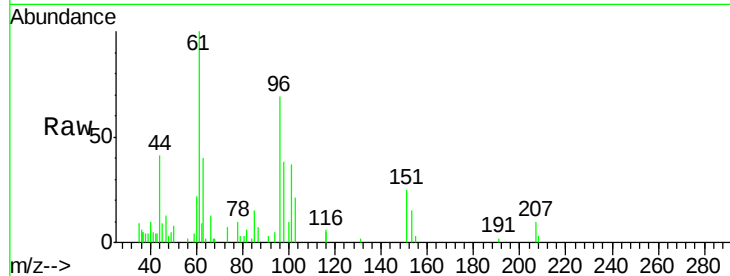
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	96	Resp:	3335
Ion	Ratio	Lower	Upper
96	100		
61	144.8	131.5	197.3
98	55.2	55.1	82.7

Manual Integrations
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#14

Allyl chloride

Concen: 1.129 ug/l

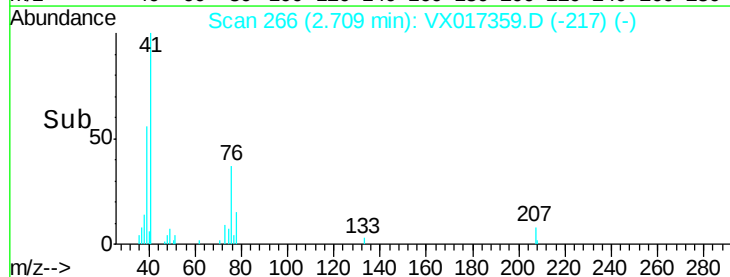
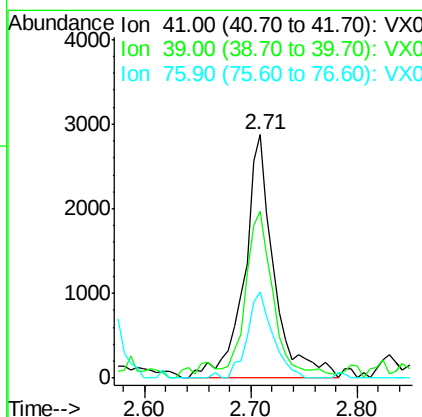
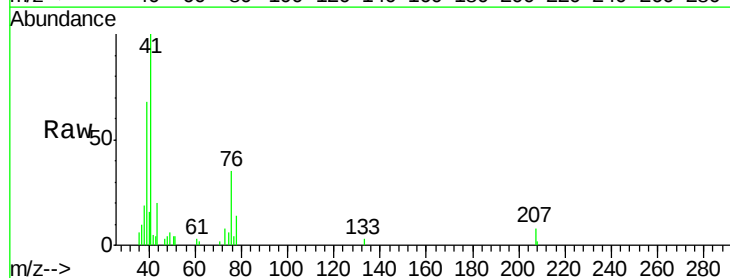
RT: 2.71 min Scan# 266

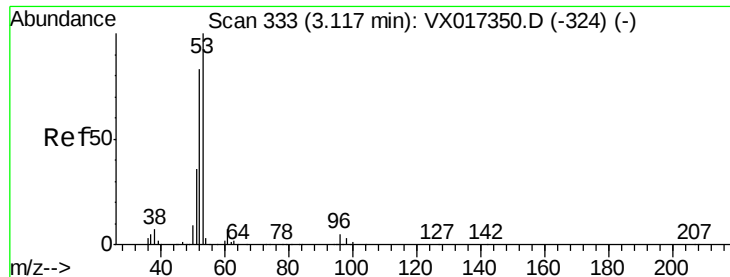
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	41	Resp:	5580
Ion	Ratio	Lower	Upper
41	100		
39	62.3	53.0	79.4
76	31.3	28.2	42.2





#15

Acrylonitrile

Concen: 5.587 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

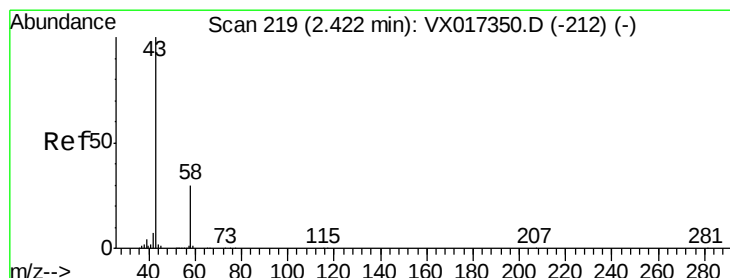
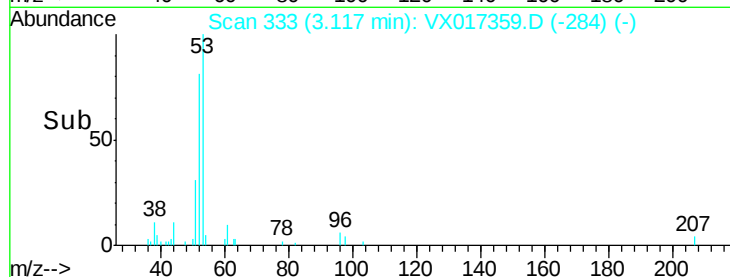
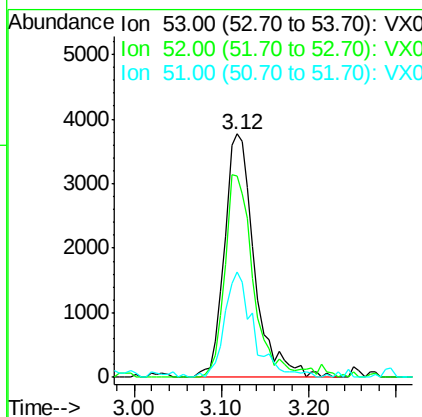
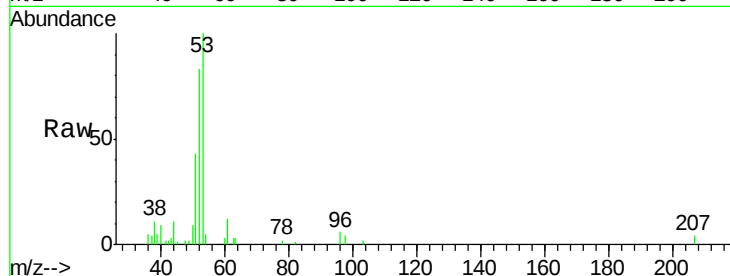
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	53	Resp:	8980
Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.8	98.6
51	41.8	29.2	43.8

Manual Integrations
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MMDadoda
7/14/2020 11:36:07 AM



#16

Acetone

Concen: 6.042 ug/l

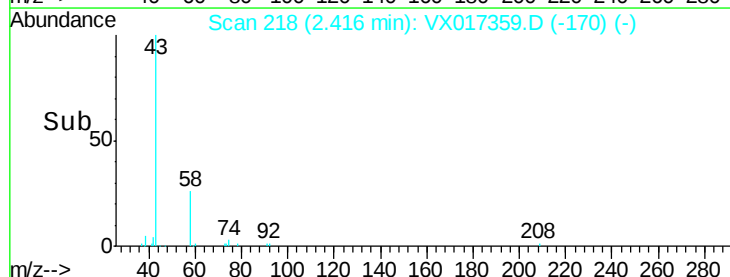
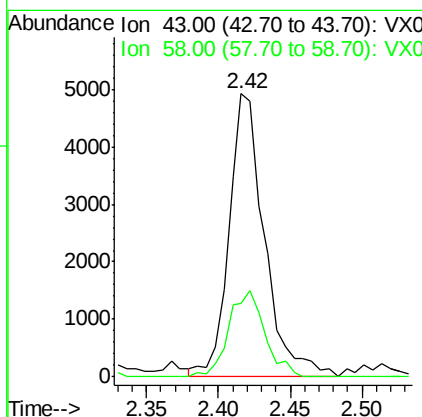
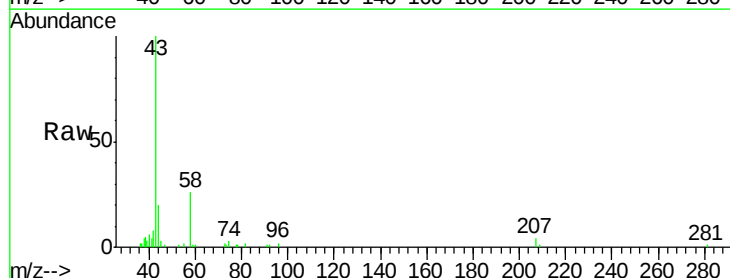
RT: 2.42 min Scan# 218

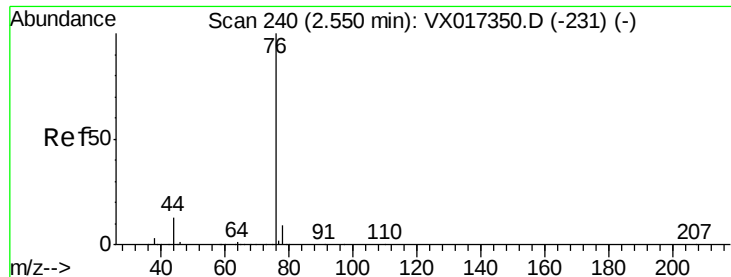
Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	43	Resp:	8483
Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.2	36.2





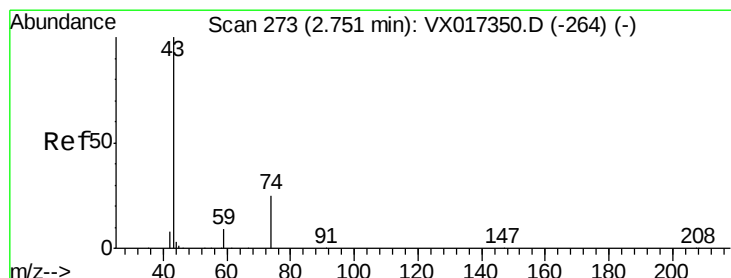
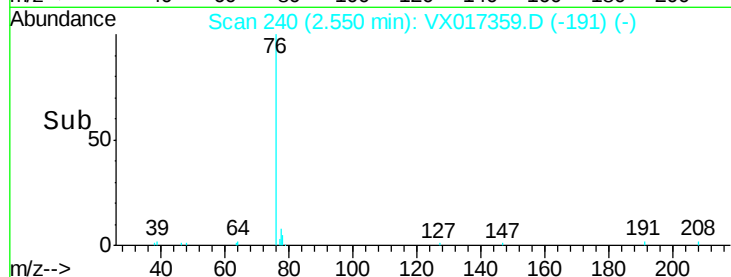
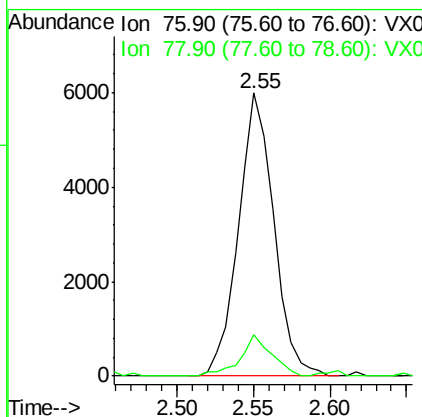
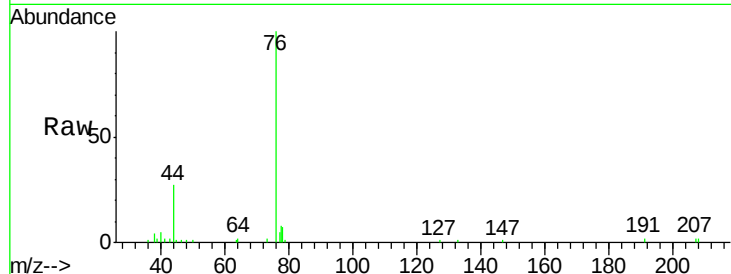
#17
Carbon Disulfide
Concen: 1.155 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
76	100		
78	14.7	7.3	10.9#

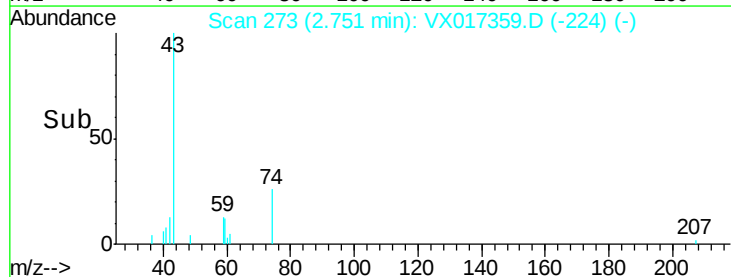
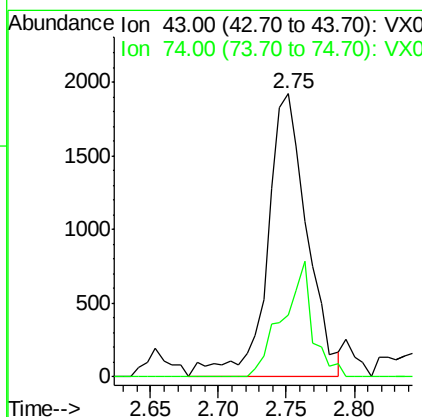
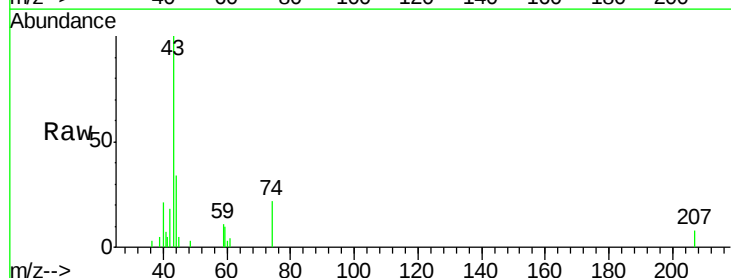
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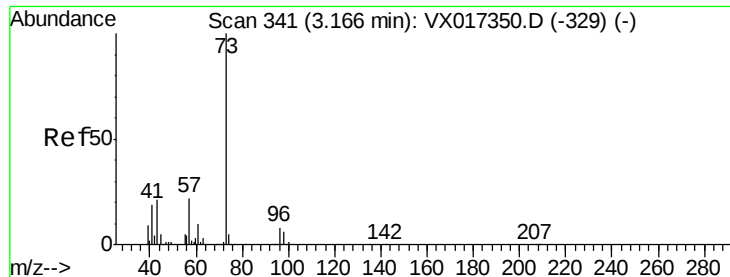
MMDadoda
7/14/2020 11:36:07 AM



#18
Methyl Acetate
Concen: 1.131 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.8	19.4	29.2#





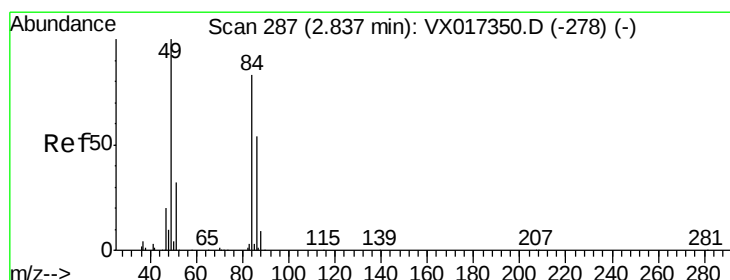
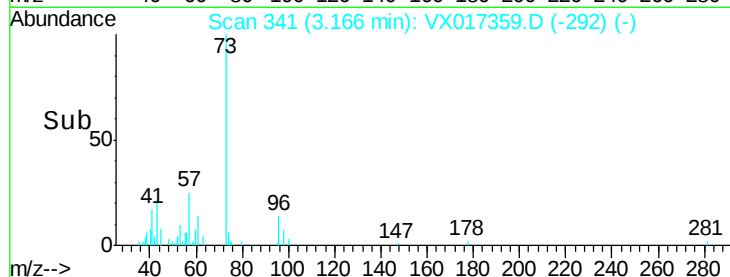
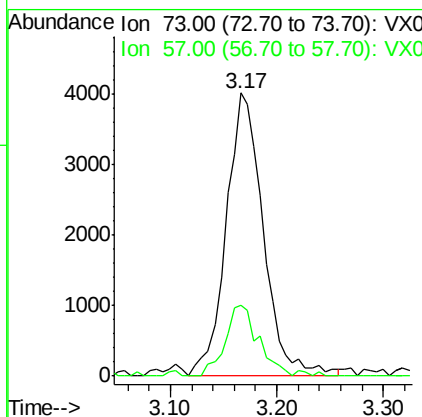
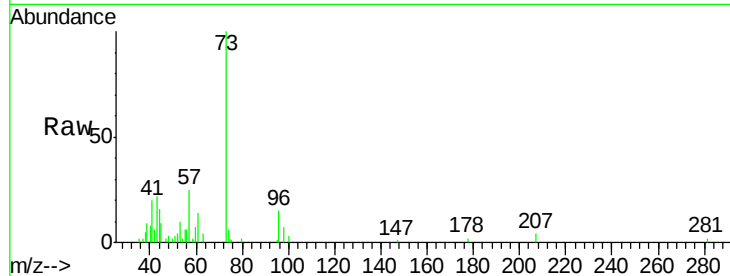
#19
Methvl tert-butvl Ether
Concen: 1.016 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion: 73 Resp: 9847
Ion Ratio Lower Upper
73 100
57 24.9 17.5 26.3

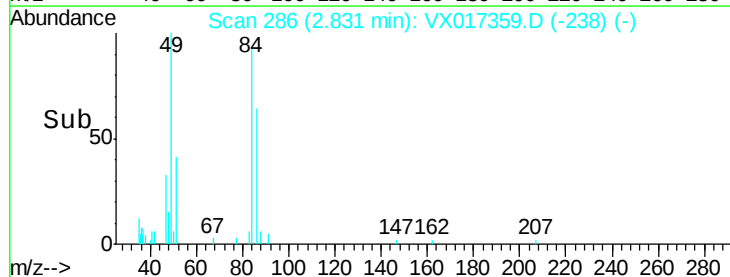
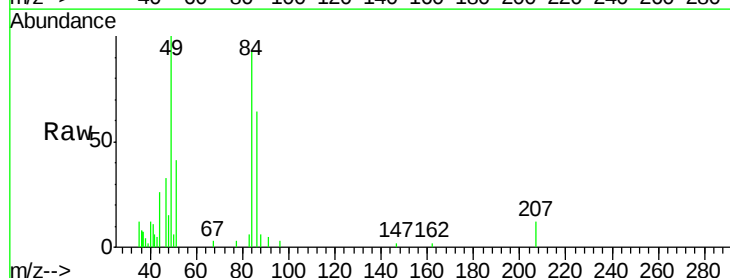
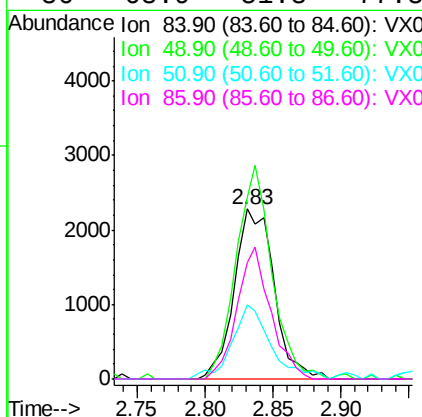
Manual Integrations
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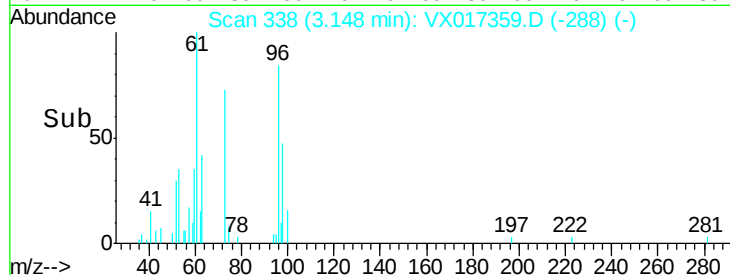
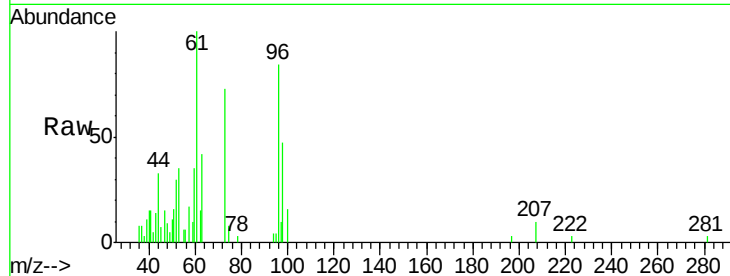
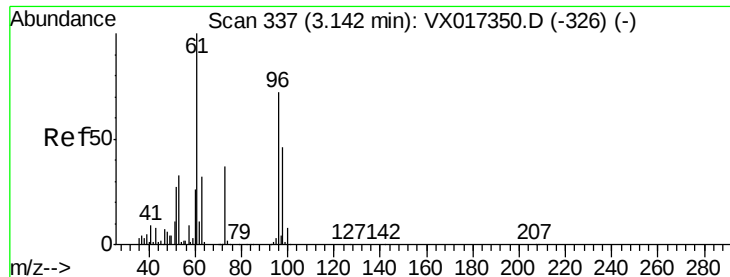
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#20
Methylene Chloride
Concen: 1.363 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 84 Resp: 4670
Ion Ratio Lower Upper
84 100
49 107.0 95.8 143.8
51 43.9 31.0 46.4
86 68.9 51.8 77.8





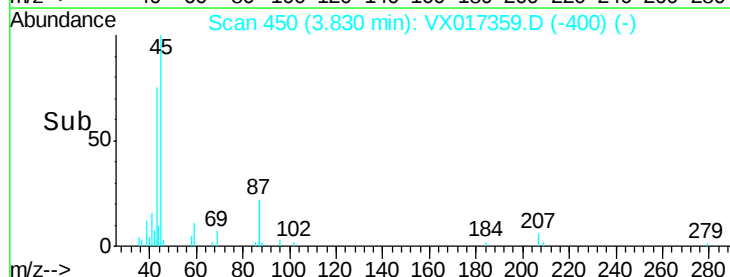
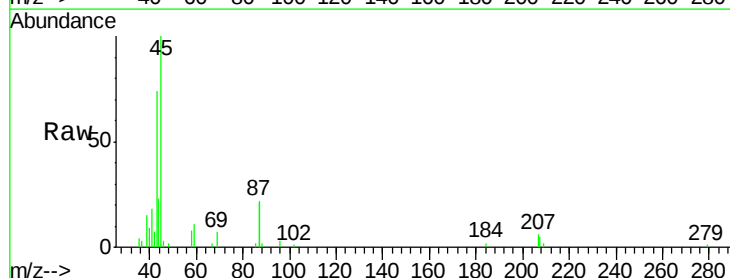
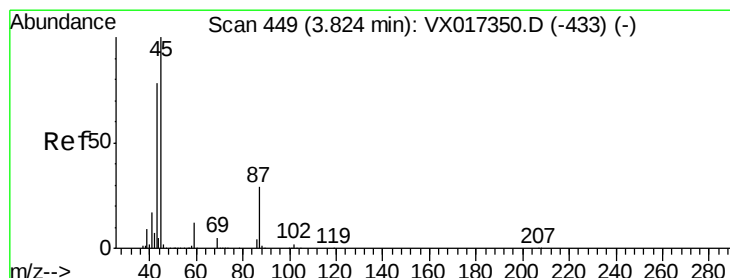
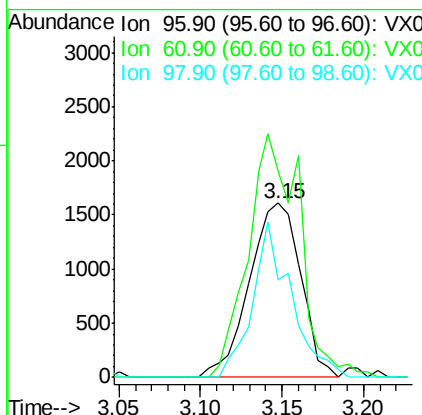
#21
trans-1,2-Dichloroethene
Concen: 1.075 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.4	111.1	166.7
98	55.8	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

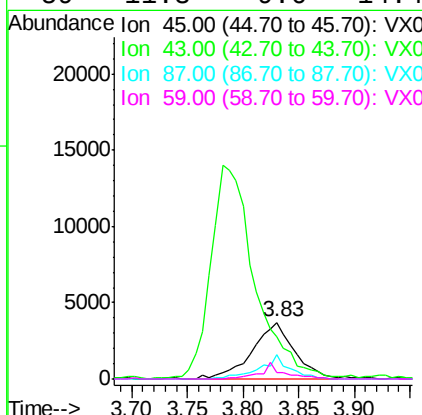
Manual Integrations
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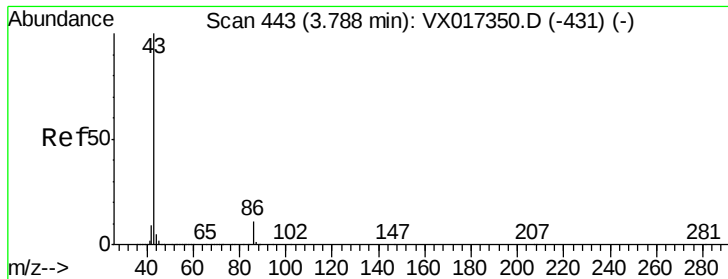
MMDadoda
7/14/2020 11:36:07 AM



#22
Diisopropyl ether
Concen: 1.030 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.6	62.2	93.2
87	42.6	23.0	34.6
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 4.675 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 38720

Ion Ratio Lower Upper

43 100

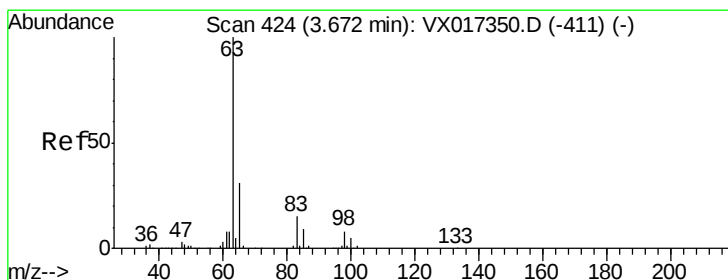
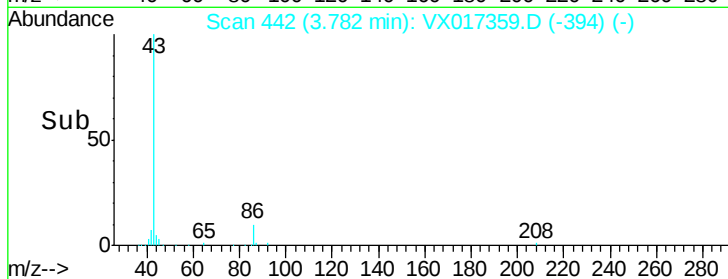
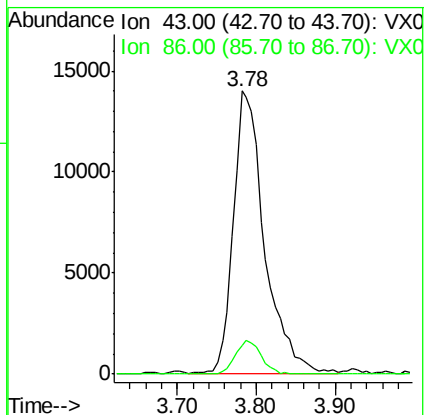
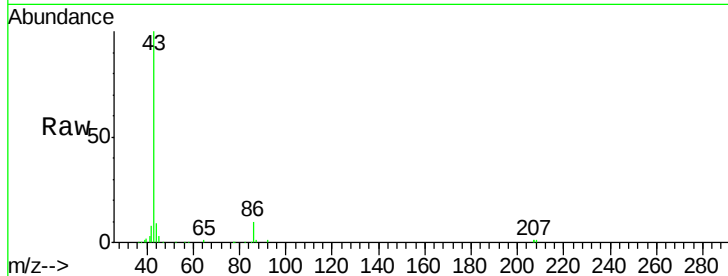
86 10.3 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.114 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

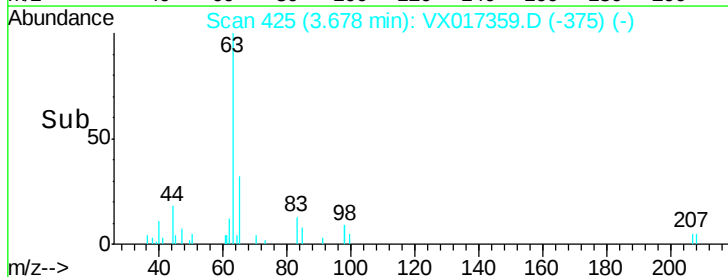
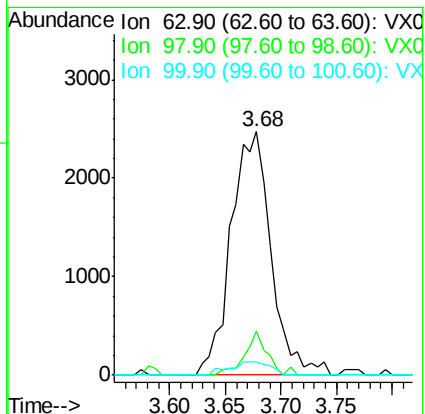
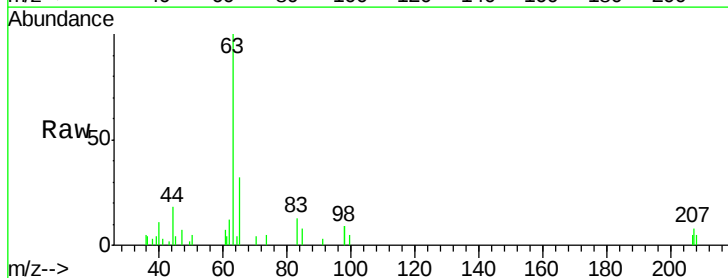
Tgt Ion: 63 Resp: 6164

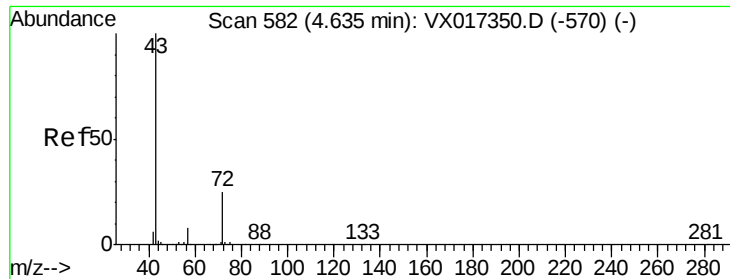
Ion Ratio Lower Upper

63 100

98 18.0 3.9 11.5#

100 5.3 2.5 7.5





#25

2-Butanone

Concen: 5.330 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 11885

Ion Ratio Lower Upper

43 100

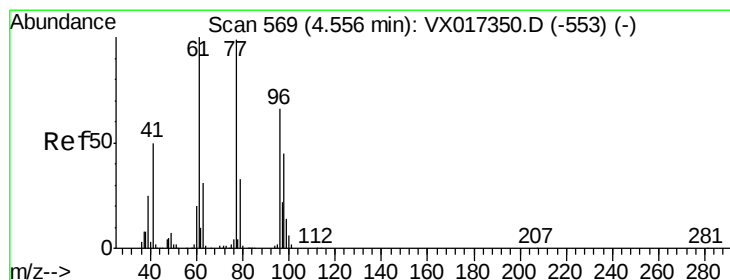
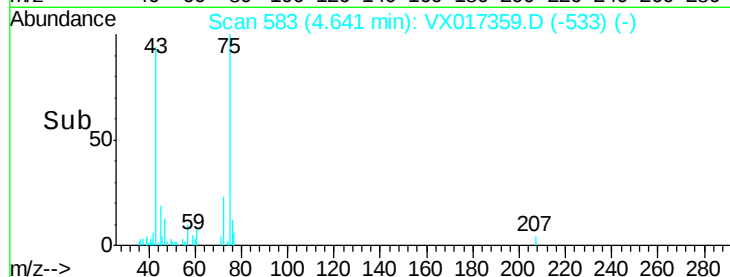
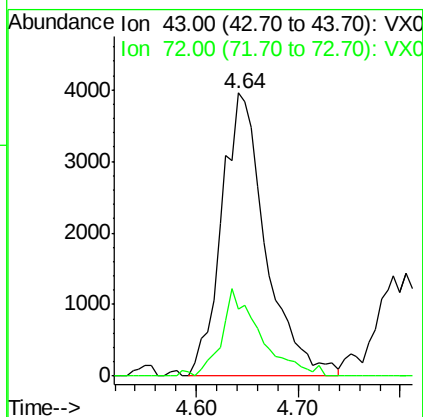
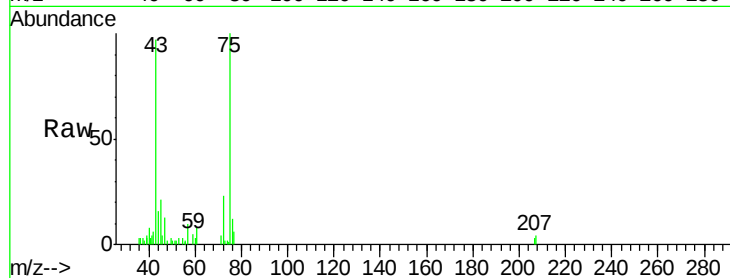
72 23.8 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 1.059 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.02 min

Lab File: VX017359.D

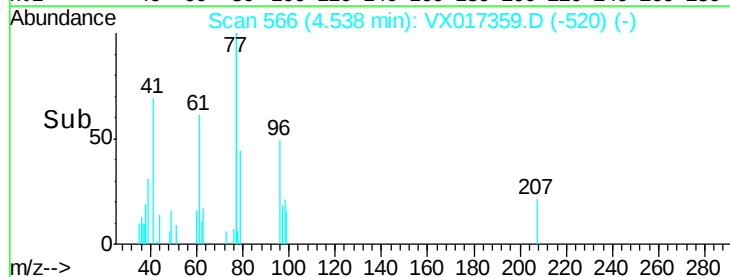
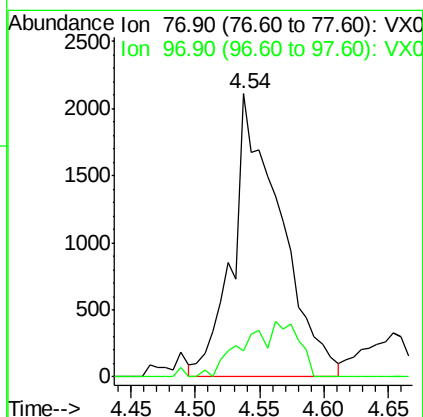
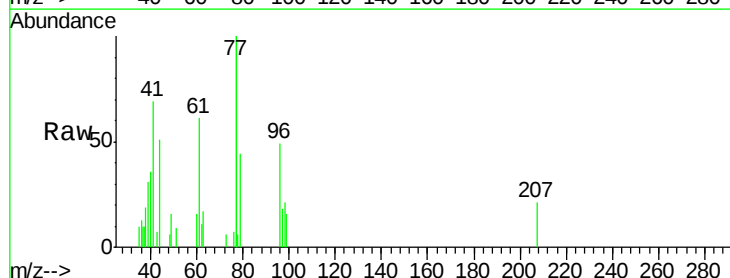
Acq: 13 Jul 2020 17:36

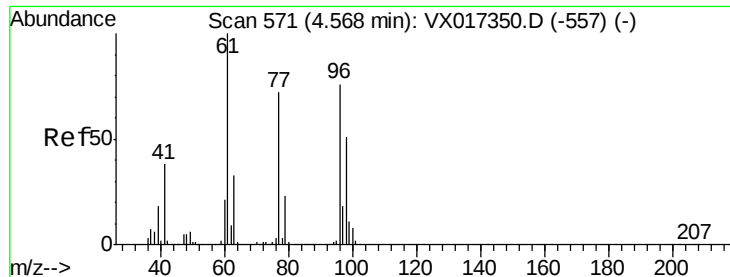
Tgt Ion: 77 Resp: 5454

Ion Ratio Lower Upper

77 100

97 11.2 11.1 33.3





#27

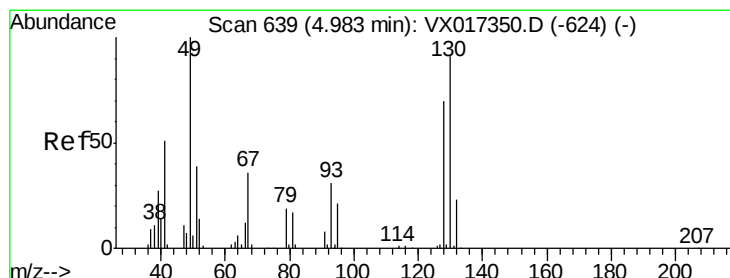
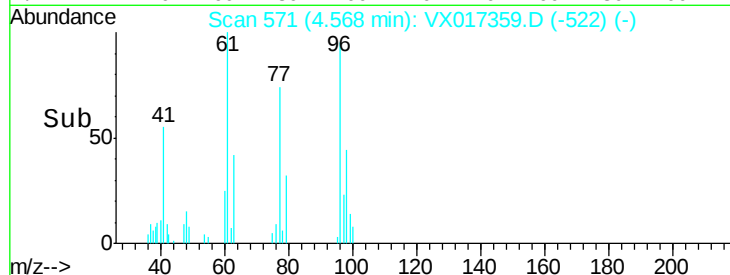
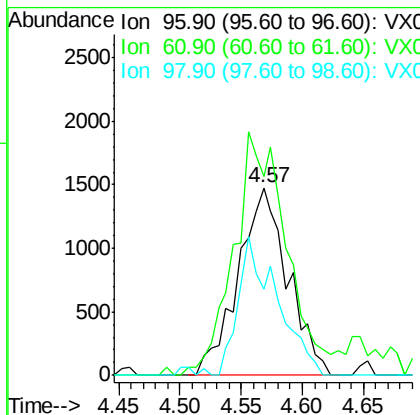
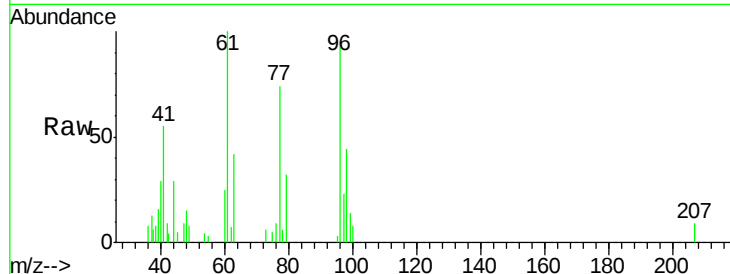
cis-1,2-Dichloroethene
Concen: 1.166 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	281.2
98	58.1	0.0	131.4

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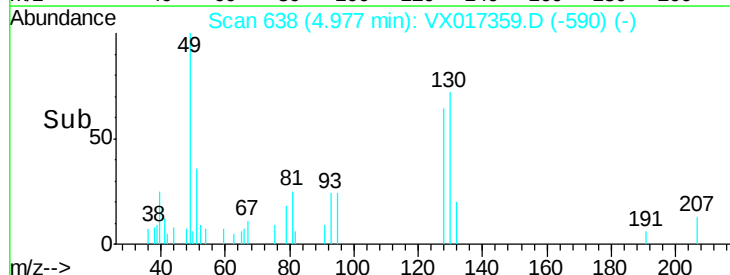
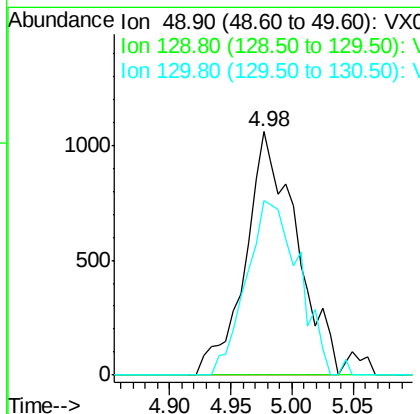
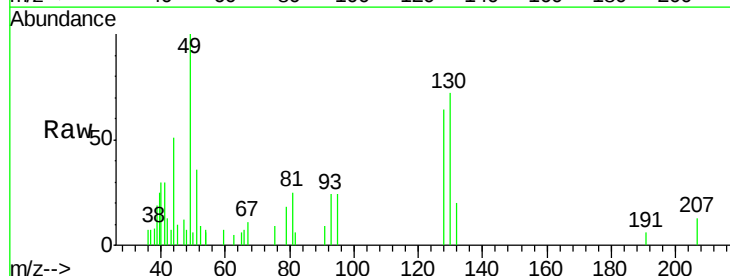
MMDadoda
7/14/2020 11:36:07 AM

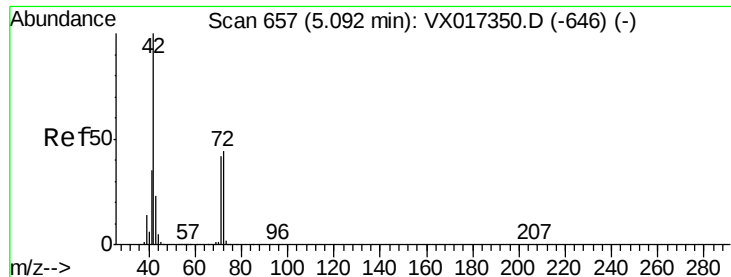


#28

Bromochloromethane
Concen: 1.205 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	73.5	71.1	106.7





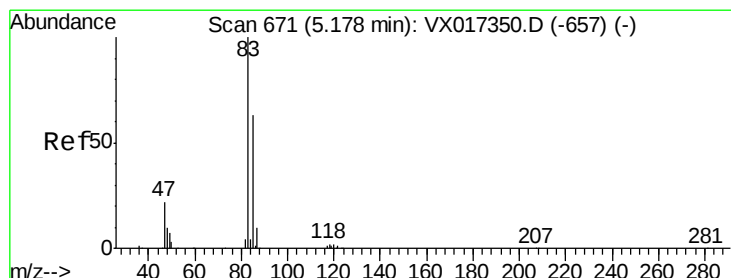
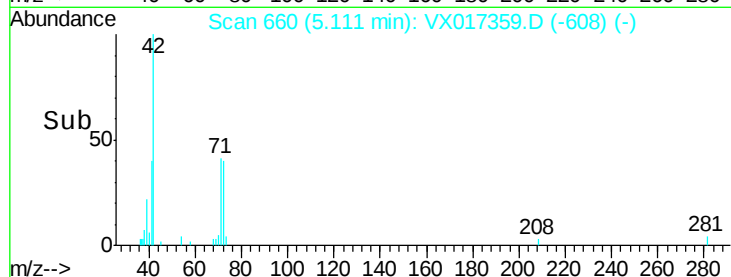
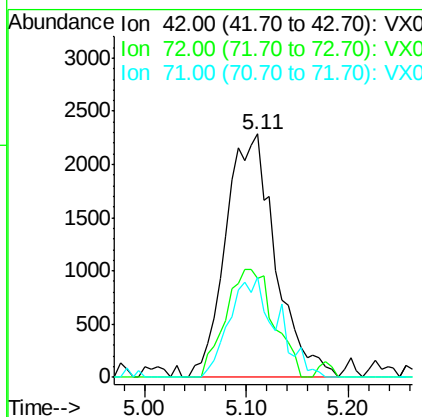
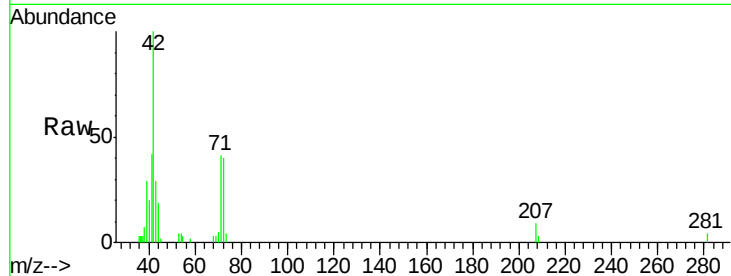
#29
Tetrahydrofuran
Concen: 5.357 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	42	Resp:	7733
Ion	Ratio	Lower	Upper
42	100		
72	42.8	37.2	55.8
71	38.9	34.4	51.6

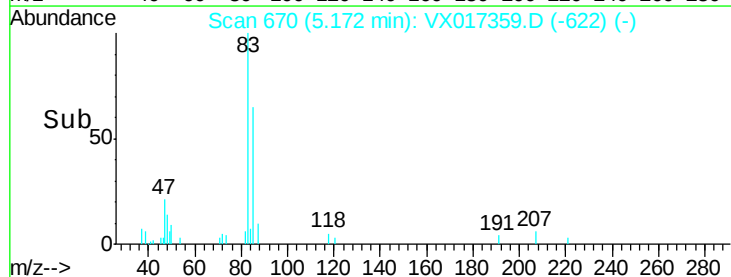
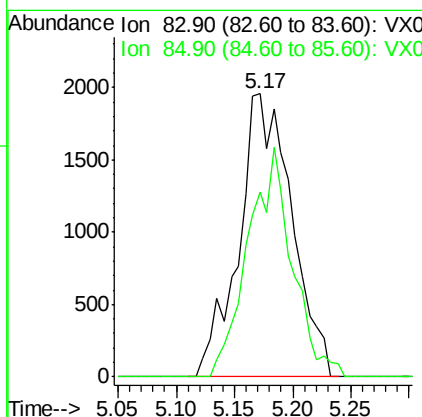
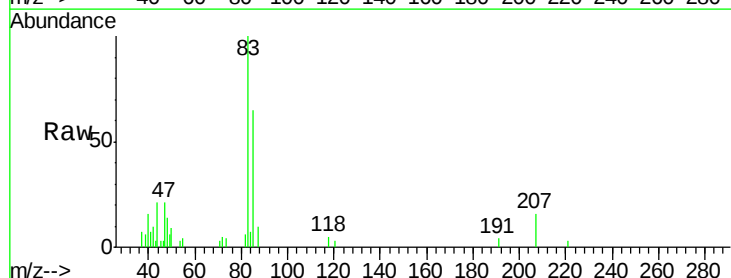
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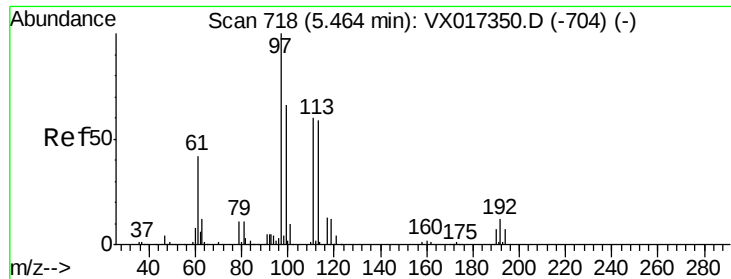
MMDadoda
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#30
Chloroform
Concen: 1.043 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion:	83	Resp:	6212
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4





#32

1,1,1-Trichloroethane

Concen: 1.017 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

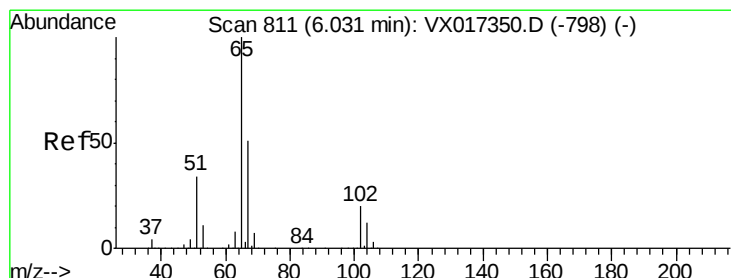
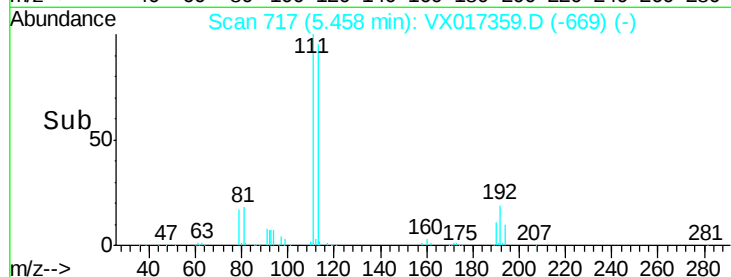
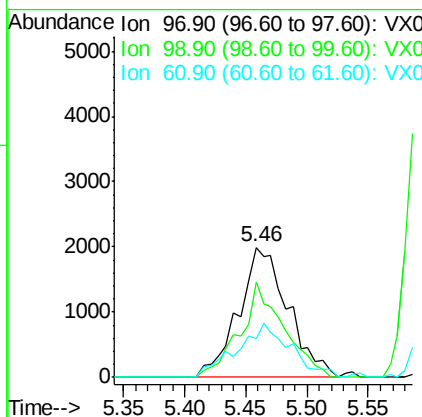
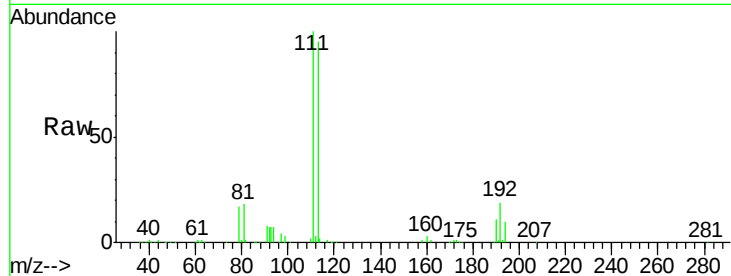
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	97	Resp:	5601
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	45.1	32.7	49.1

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#33

1,2-Dichloroethane-d4

Concen: 50.960 ug/l

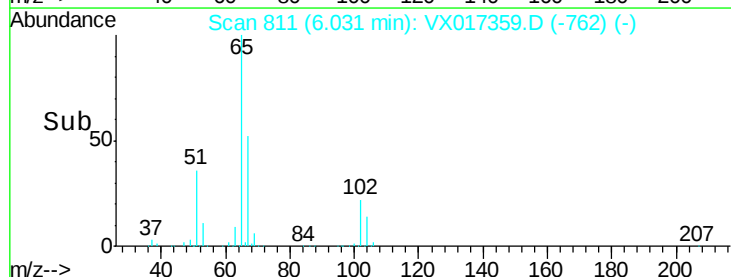
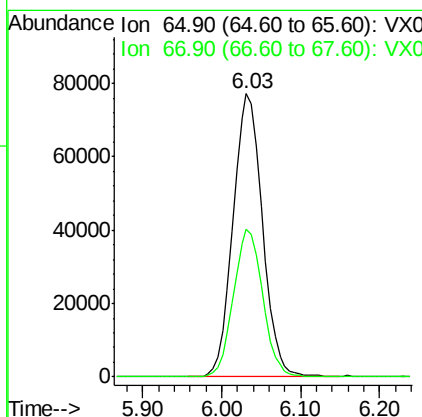
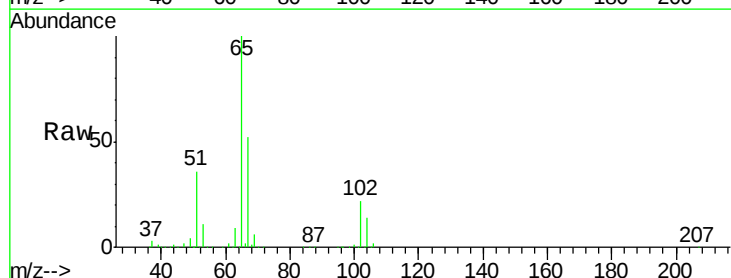
RT: 6.03 min Scan# 811

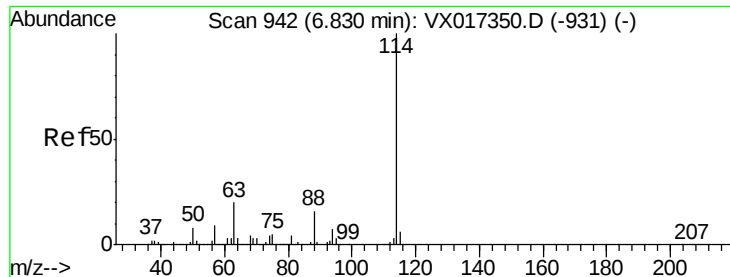
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	65	Resp:	200546
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

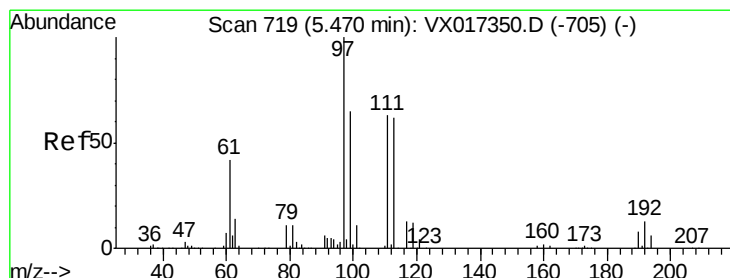
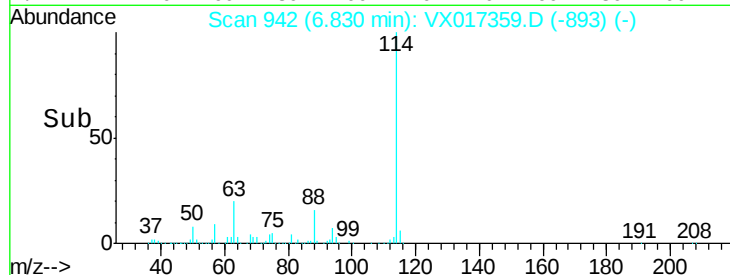
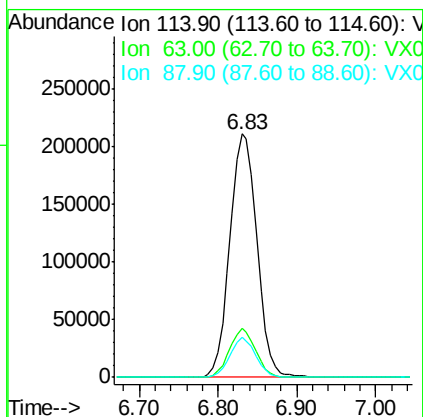
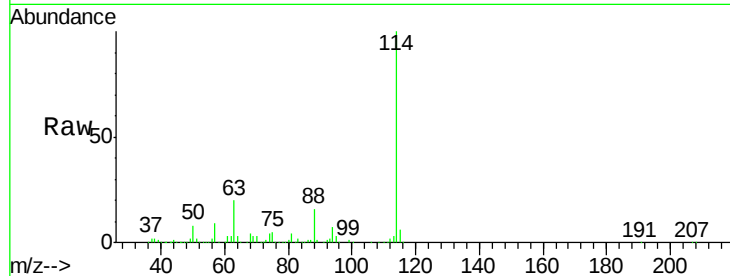
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	114	Resp:	506452
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	40.0
88	16.2	0.0	32.8

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#35

Dibromofluoromethane

Concen: 47.529 ug/l

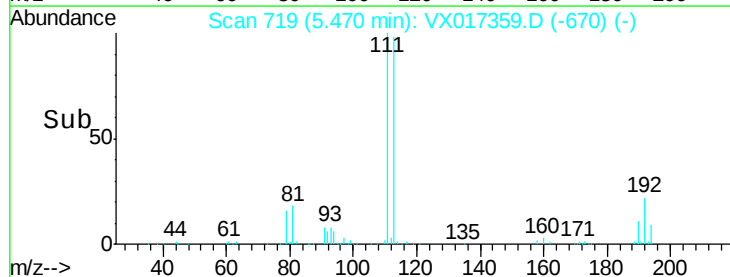
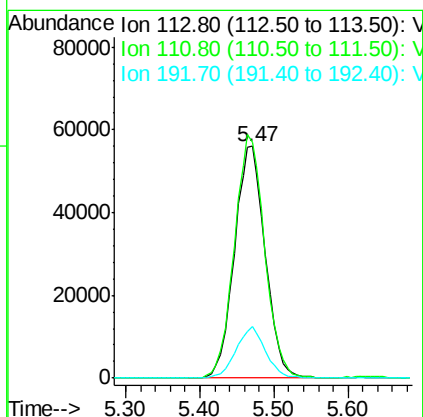
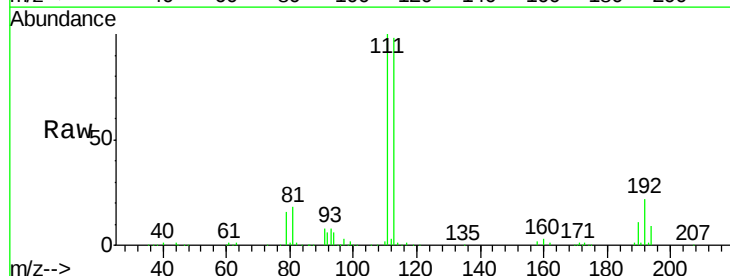
RT: 5.47 min Scan# 719

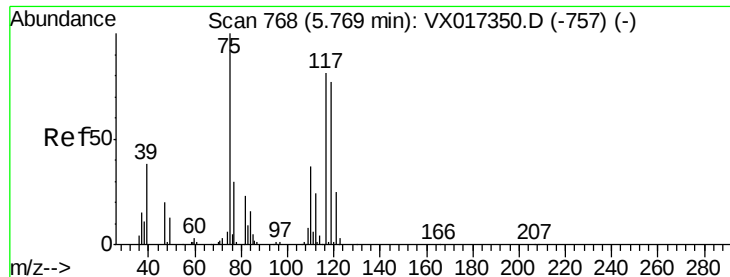
Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	113	Resp:	162146
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.4	123.6
192	21.2	17.2	25.8





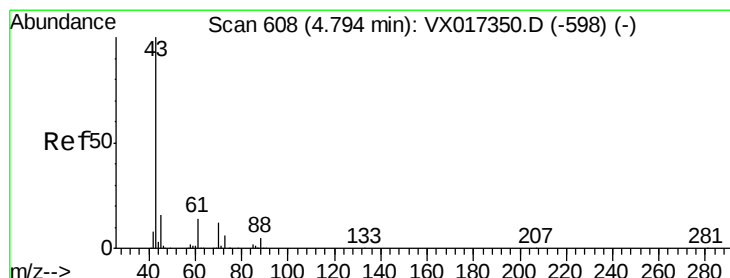
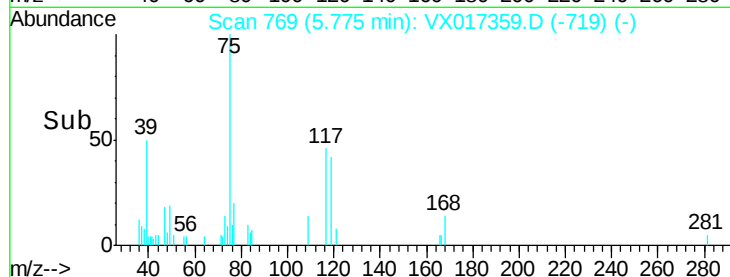
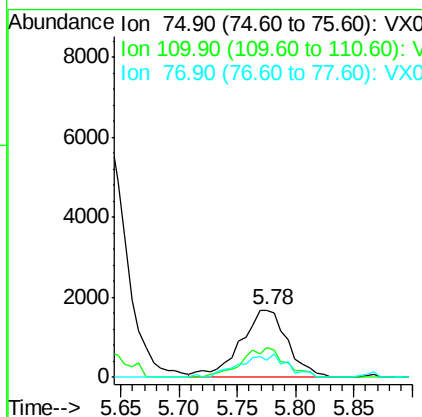
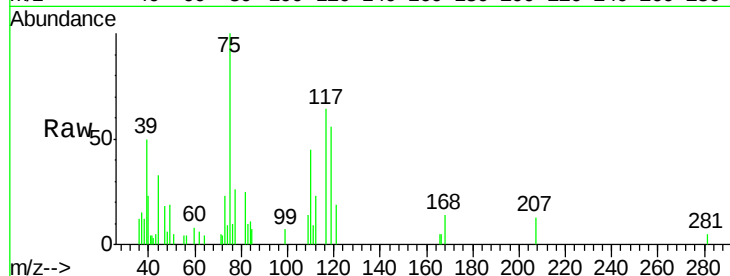
#36
 1,1-Dichloropropene
 Concen: 1.017 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.5	18.6	55.8
77	33.3	24.9	37.3

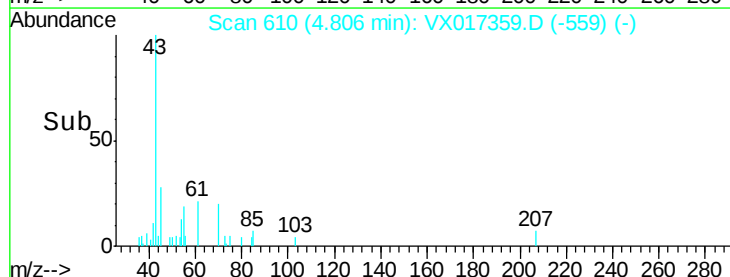
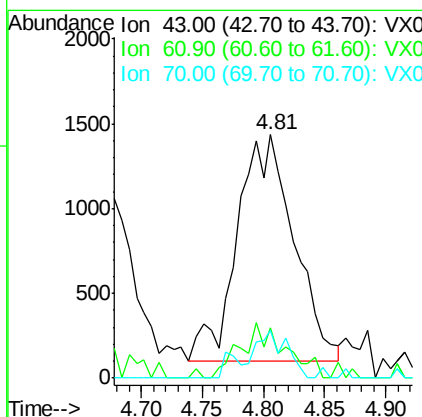
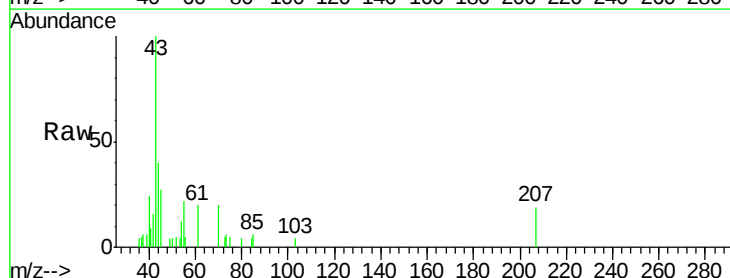
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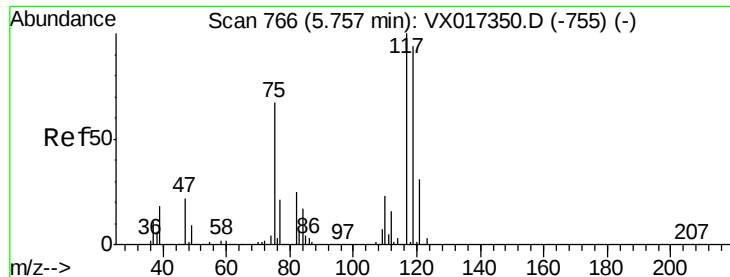
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#37
 Ethyl Acetate
 Concen: 0.895 ug/l
 RT: 4.81 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	10.7	16.1#
70	11.5	9.0	13.6





#38

Carbon Tetrachloride

Concen: 0.944 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

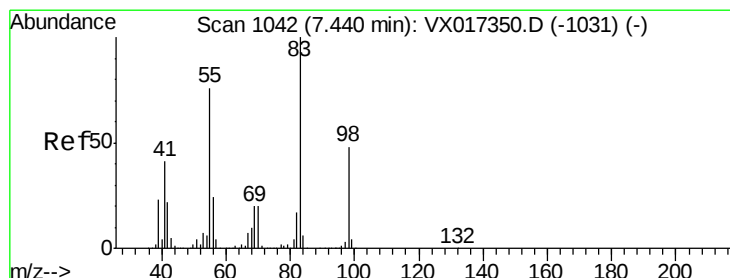
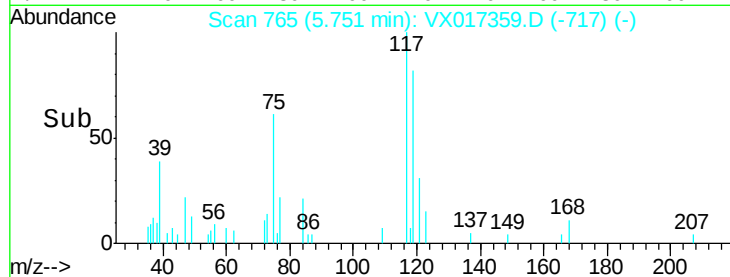
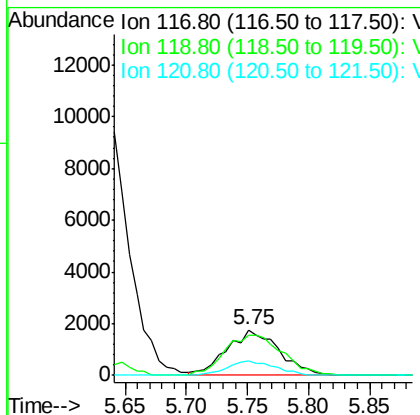
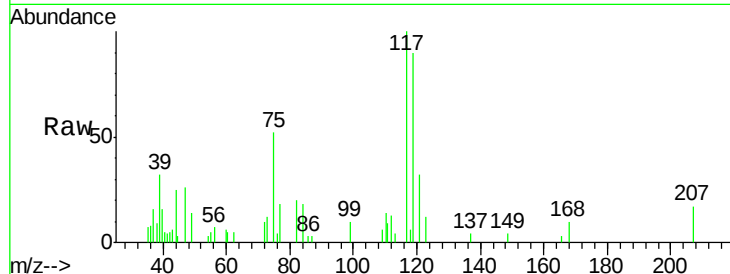
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	117	Resp:	5149
Ion	Ratio	Lower	Upper
117	100		
119	89.8	74.7	112.1
121	32.2	24.5	36.7

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#39

Methylcyclohexane

Concen: 0.912 ug/l

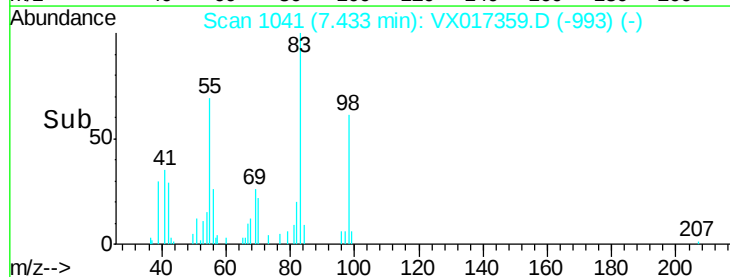
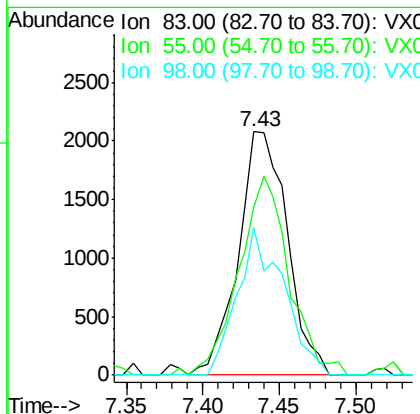
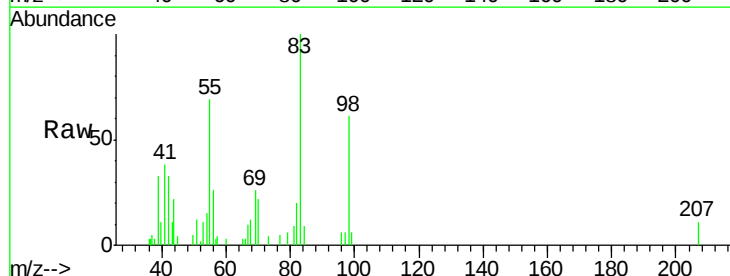
RT: 7.43 min Scan# 1041

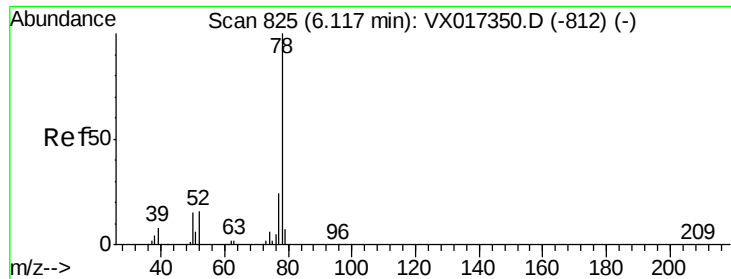
Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	83	Resp:	4615
Ion	Ratio	Lower	Upper
83	100		
55	68.8	61.2	91.8
98	60.6	38.1	57.1#





#40

Benzene

Concen: 1.025 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 78 Resp: 13724

Ion Ratio Lower Upper

78 100

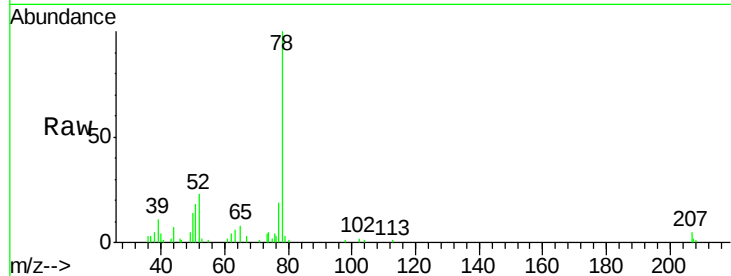
77 19.5 18.9 28.3

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

5000

4000

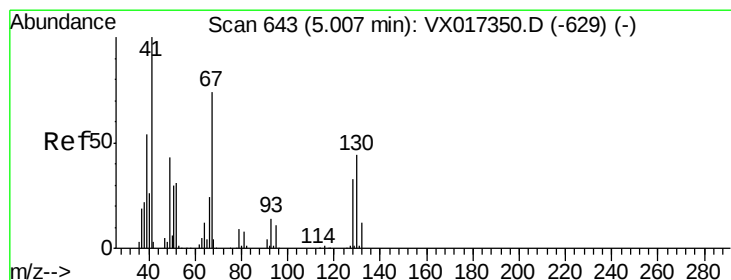
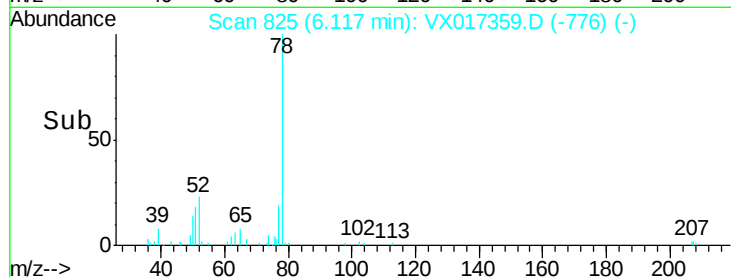
3000

2000

1000

0

Time-->



#41

Methacrylonitrile

Concen: 1.078 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion: 41 Resp: 2788

Ion Ratio Lower Upper

41 100

39 58.2 43.8 65.8

67 47.6 58.7 88.1#

52 18.0 24.9 37.3#

Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

2000

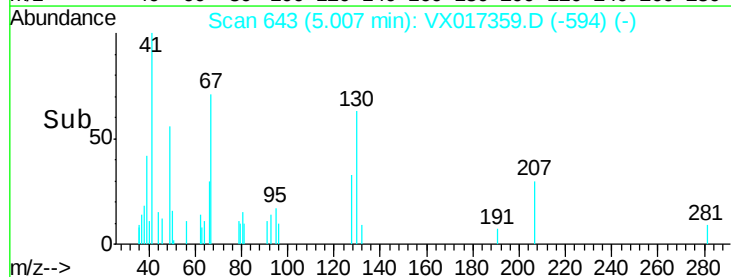
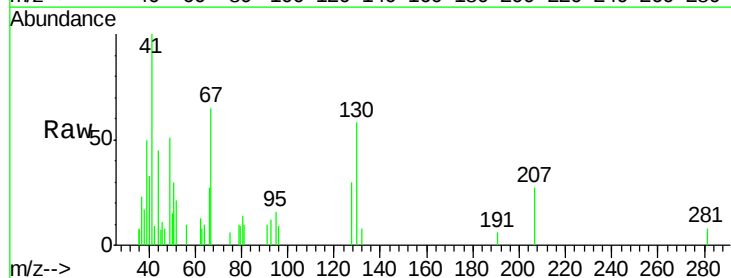
1500

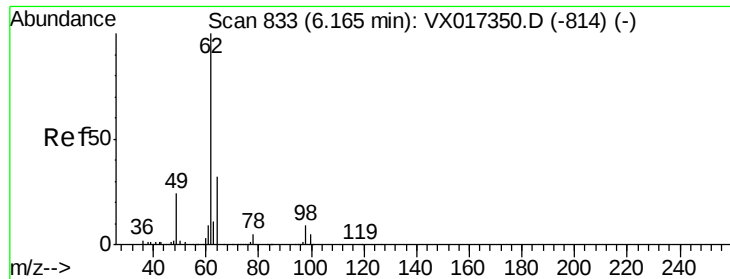
1000

500

0

Time-->





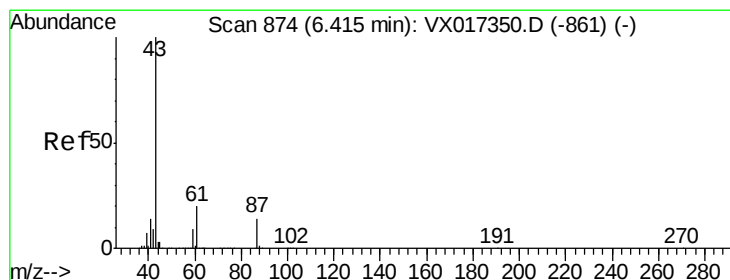
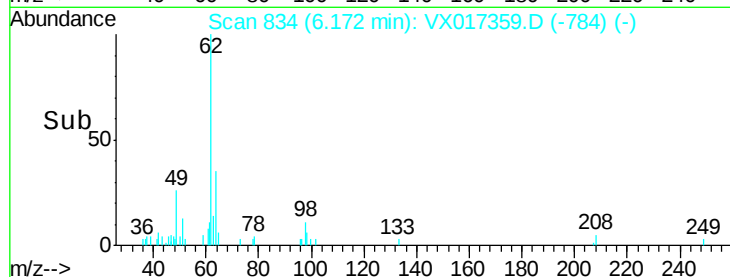
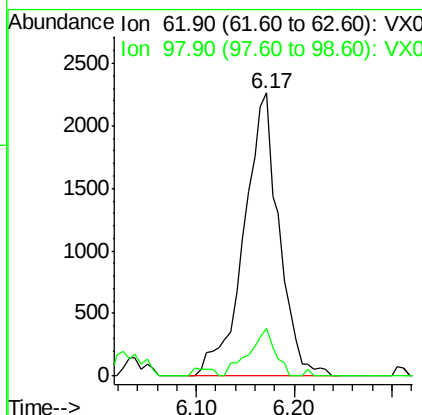
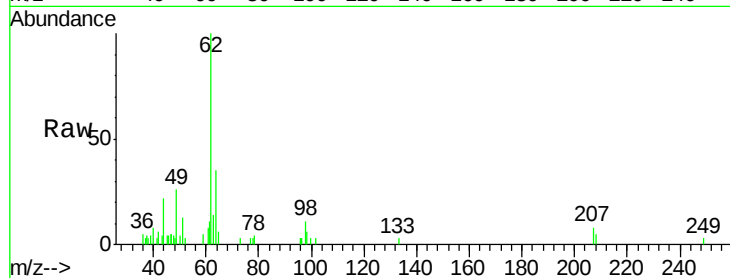
#42
1,2-Dichloroethane
Concen: 1.086 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	19.4

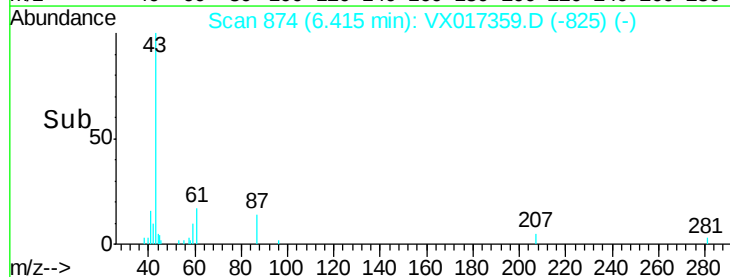
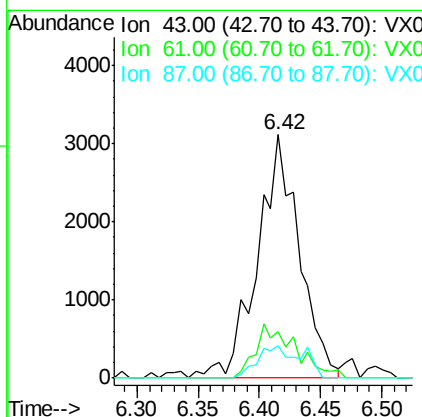
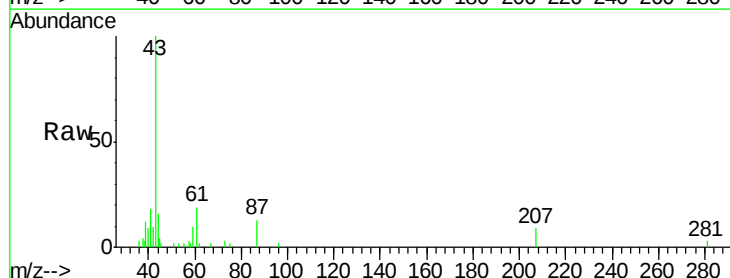
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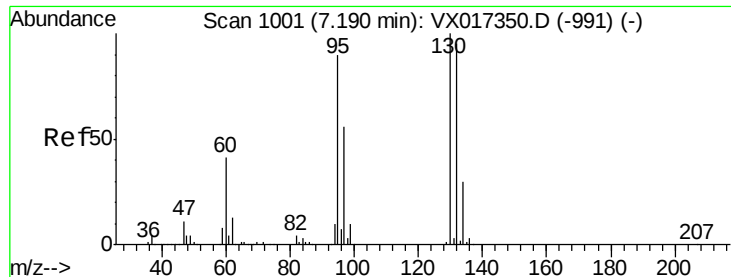
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#43
Isopropyl Acetate
Concen: 0.962 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.4	24.6
87	11.6	11.2	16.8





#44

Trichloroethene

Concen: 0.965 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:130 Resp: 3946

Ion Ratio Lower Upper

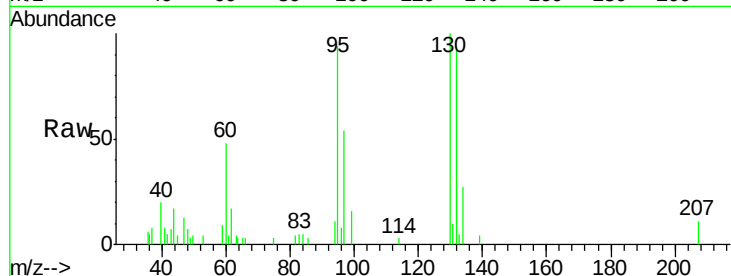
130 100

95 94.1 0.0 180.2

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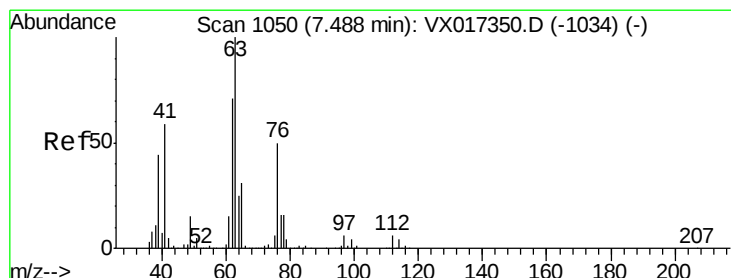
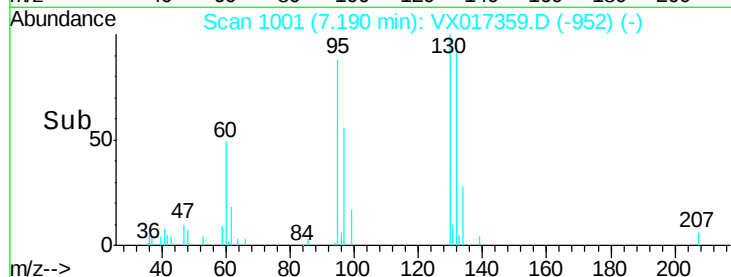
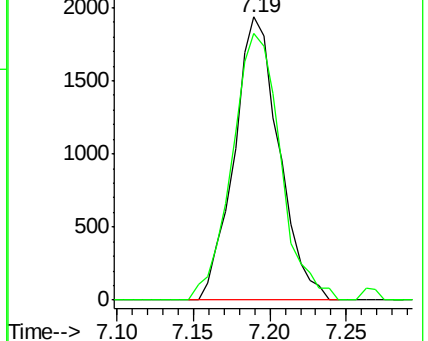
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.971 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017359.D

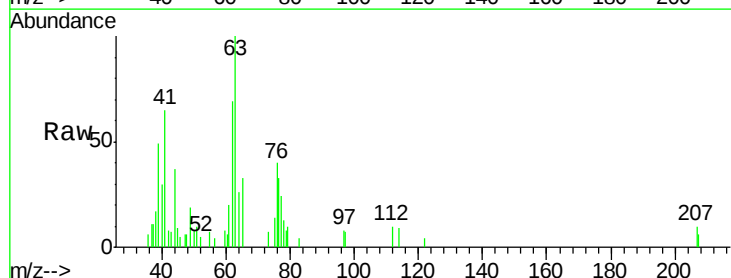
Acq: 13 Jul 2020 17:36

Tgt Ion: 63 Resp: 3327

Ion Ratio Lower Upper

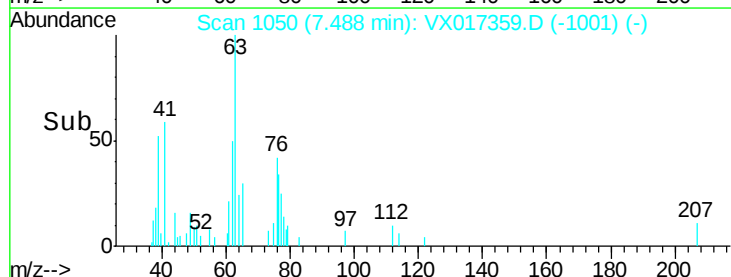
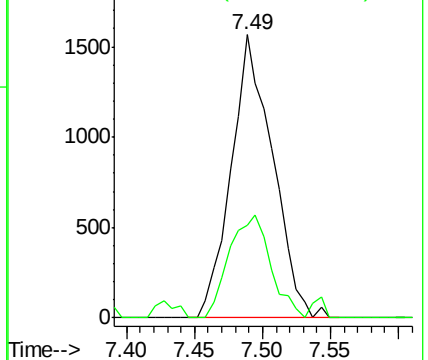
63 100

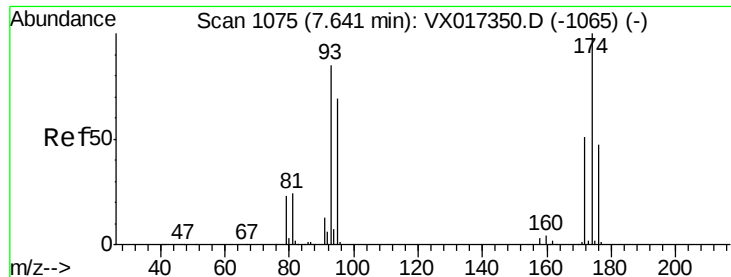
65 32.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.131 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

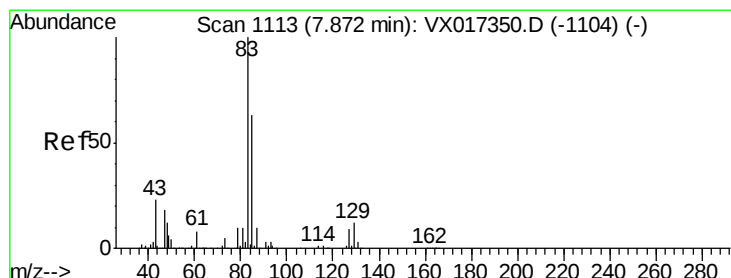
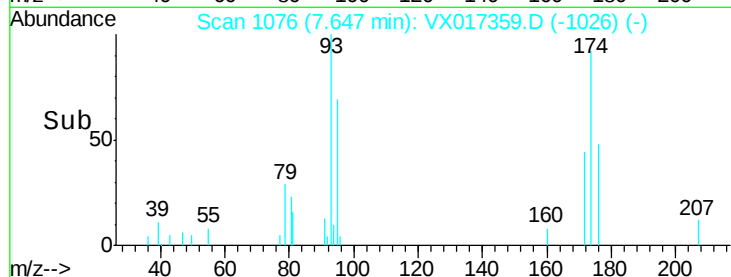
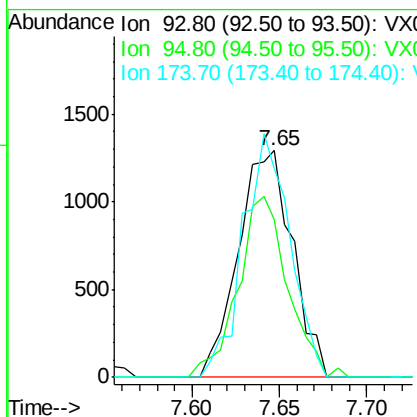
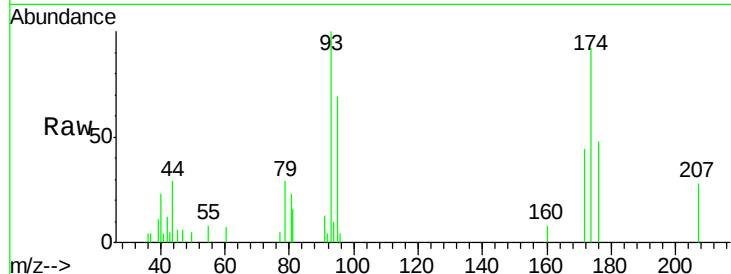
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	93	Resp:	2793
Ion	Ratio	Lower	Upper
93	100		
95	73.4	65.4	98.2
174	93.5	91.2	136.8

Manual Integrations
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7/14/2020 11:36:07 AM



#47

Bromodichloromethane

Concen: 0.870 ug/l

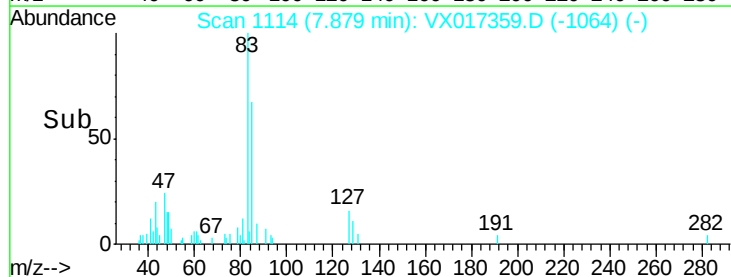
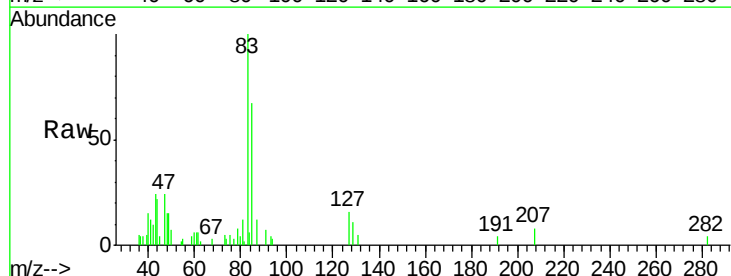
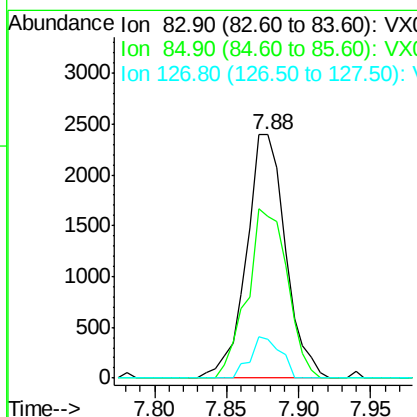
RT: 7.88 min Scan# 1114

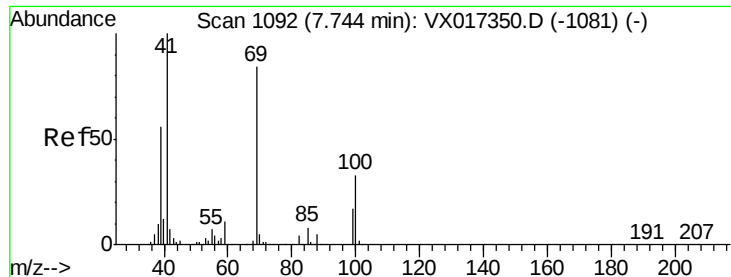
Delta R.T. 0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	83	Resp:	4493
Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.2	75.4
127	16.2	7.1	10.7#





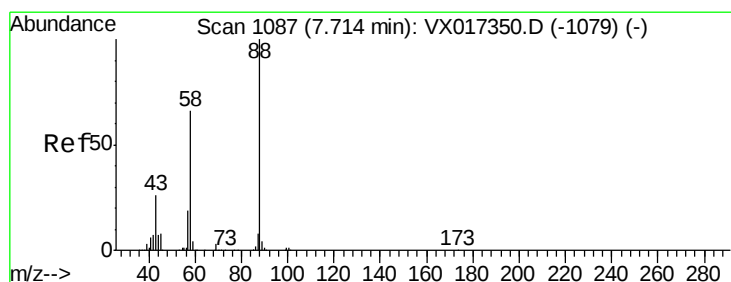
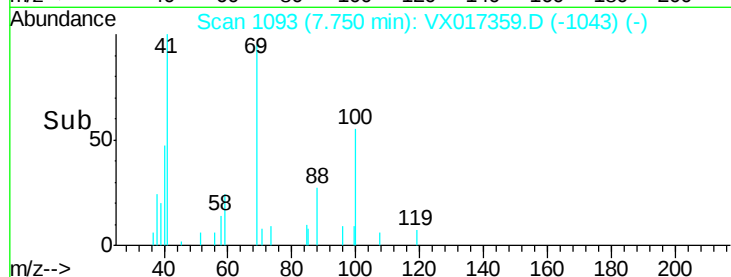
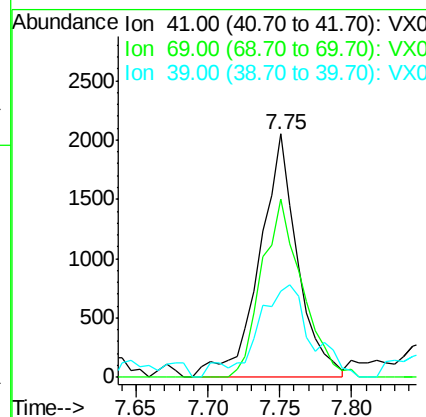
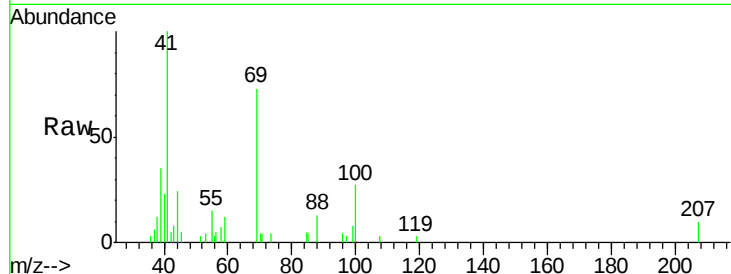
#48
Methvl methacrylate
Concen: 1.014 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
41	100		
69	77.8	67.8	101.6
39	50.4	45.1	67.7

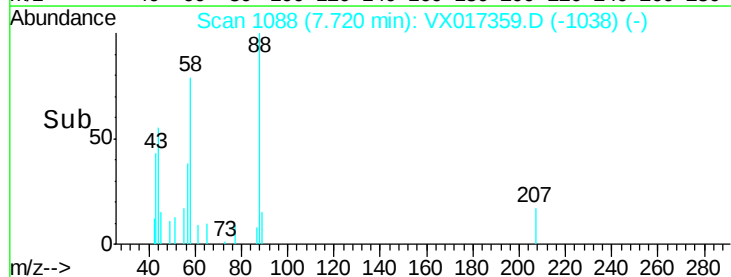
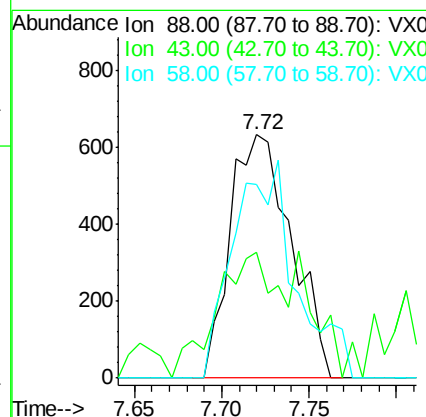
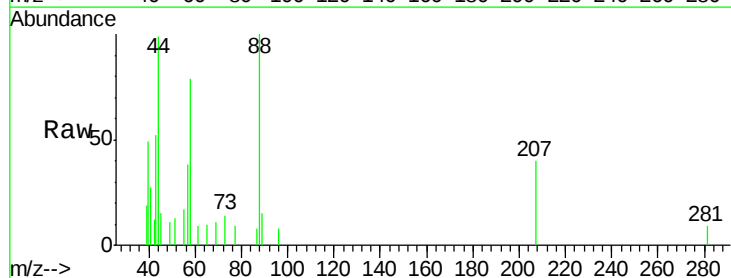
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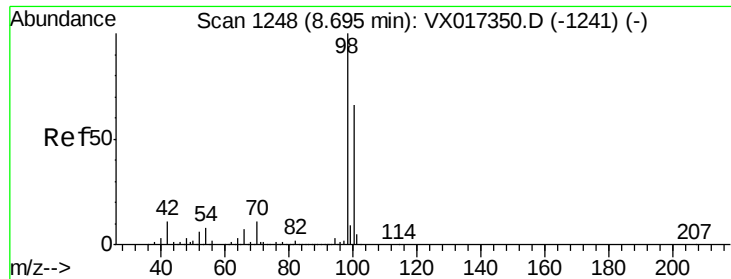
MMDadoda
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#49
1,4-Dioxane
Concen: 20.345 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
43	52.5	25.6	38.4#
58	91.0	53.9	80.9#





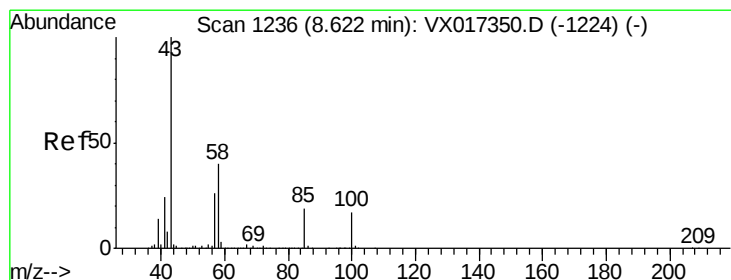
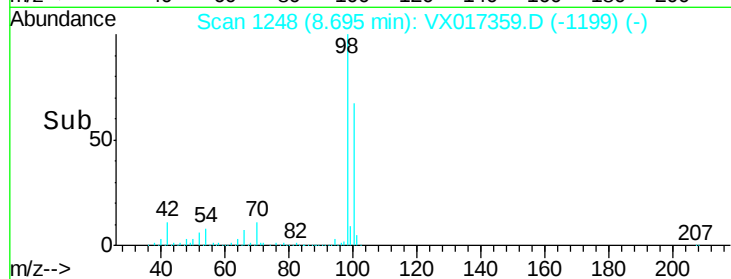
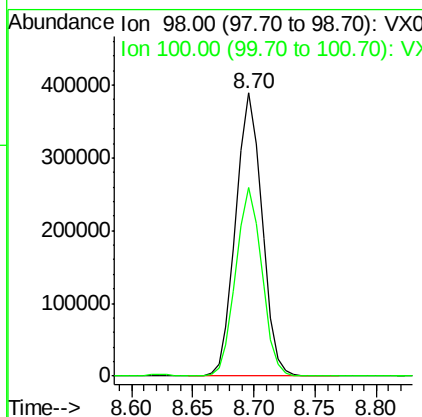
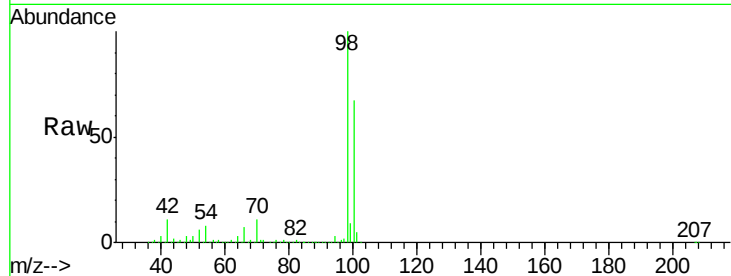
#50
Toluene-d8
Concen: 47.185 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion: 98 Resp: 580656
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2

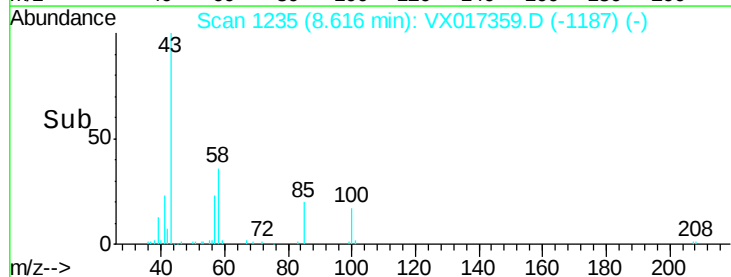
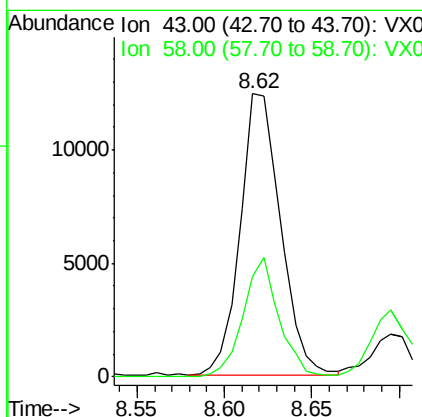
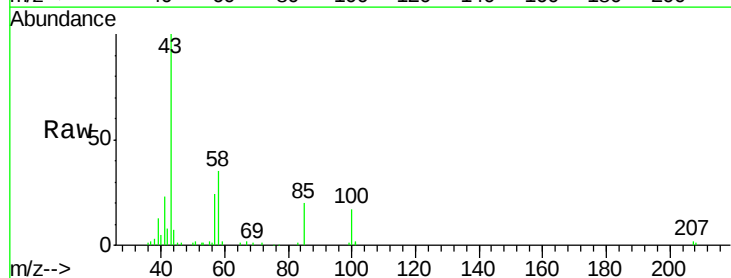
Manual Integrations
APPROVED

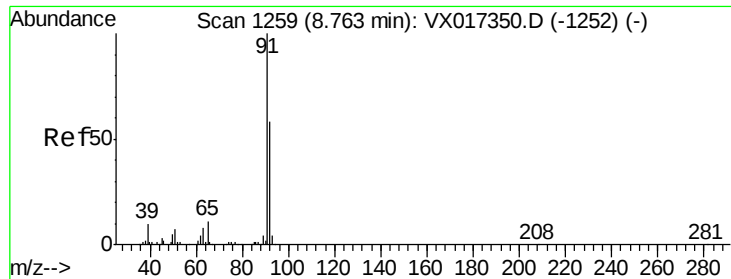
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#51
4-Methyl-2-Pentanone
Concen: 4.270 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 43 Resp: 20045
Ion Ratio Lower Upper
43 100
58 37.2 32.2 48.2





#52

Toluene

Concen: 0.945 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 92 Resp: 8122

Ion Ratio Lower Upper

92 100

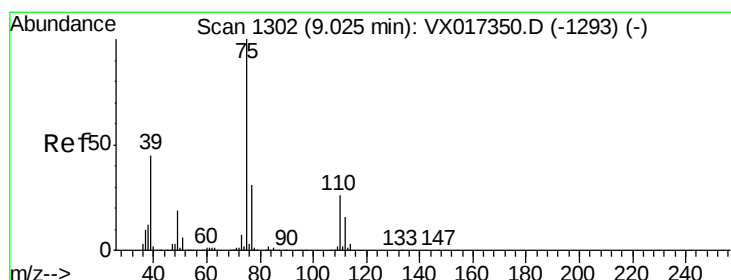
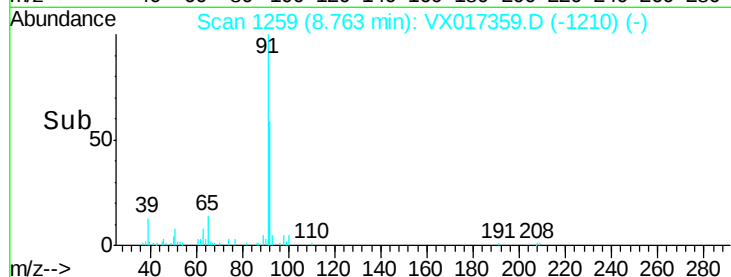
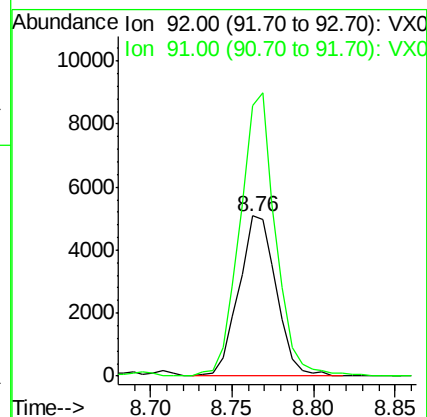
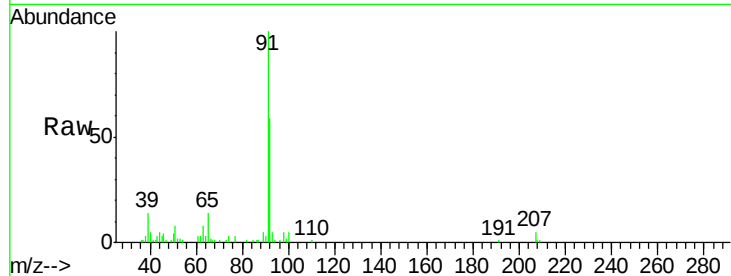
91 168.3 136.7 205.1

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#53

t-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017359.D

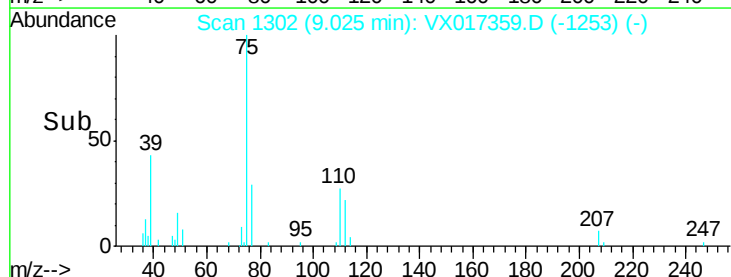
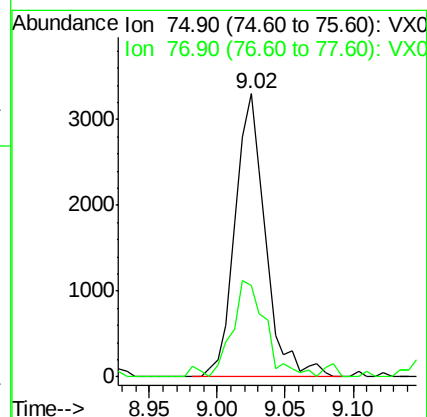
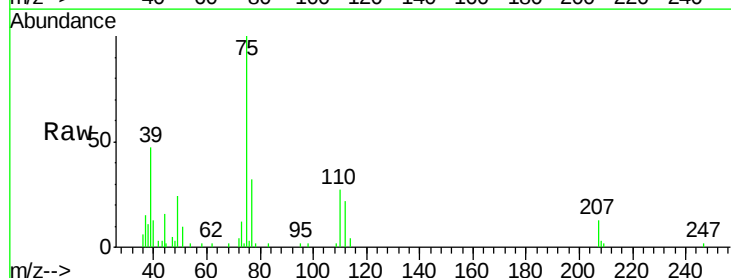
Acq: 13 Jul 2020 17:36

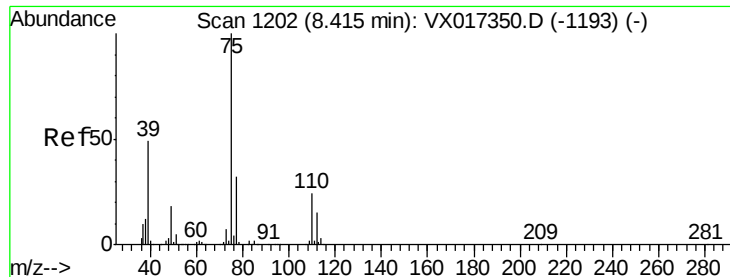
Tgt Ion: 75 Resp: 5120

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6





#54

cis-1,3-Dichloropropene

Concen: 0.830 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

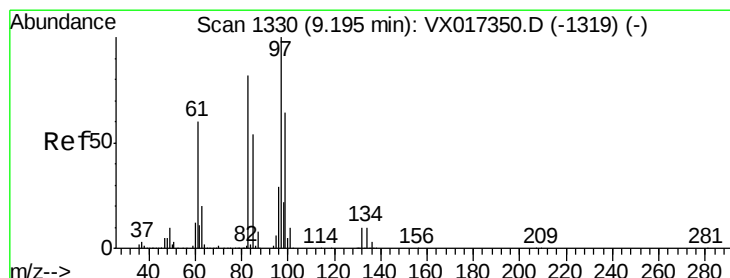
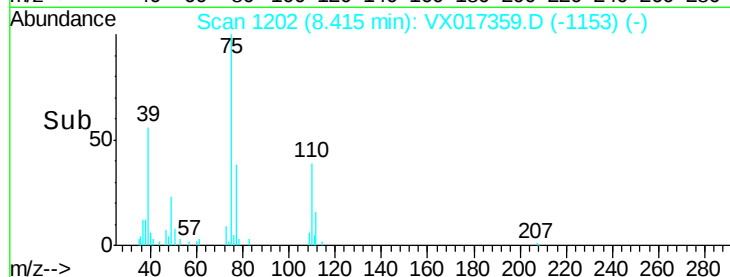
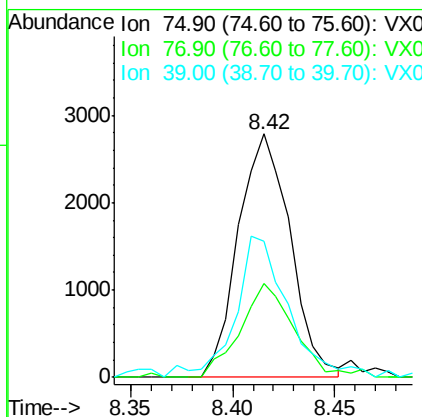
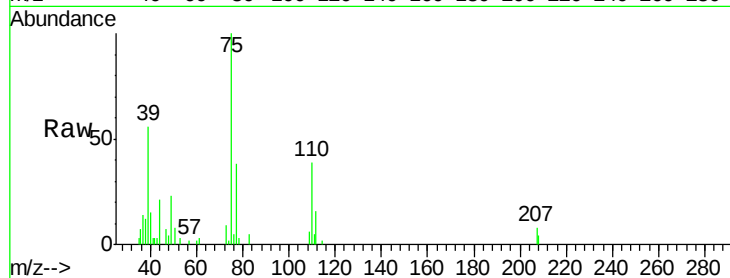
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	75	Resp:	4927
Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.3	37.9#
39	53.3	38.9	58.3

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#55

1,1,2-Trichloroethane

Concen: 1.039 ug/l

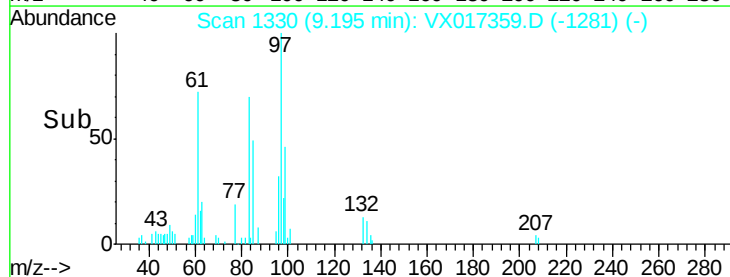
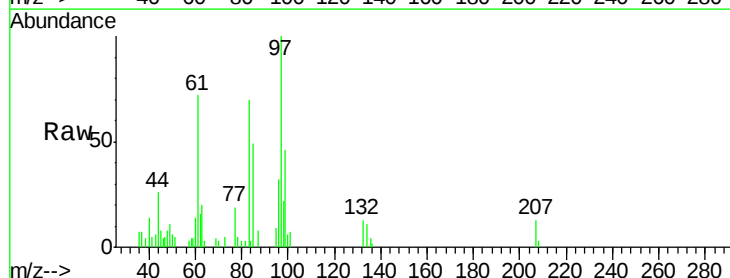
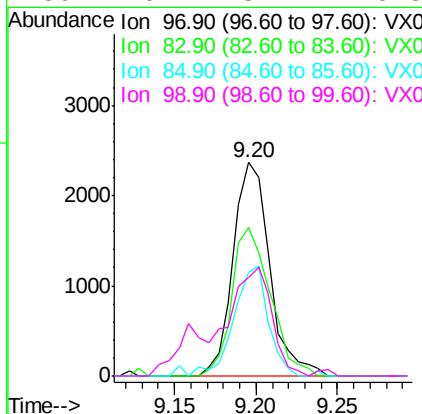
RT: 9.20 min Scan# 1330

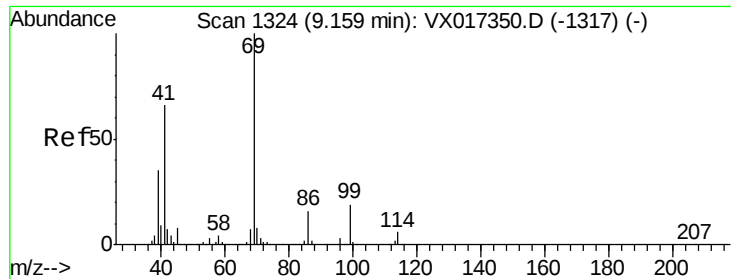
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	97	Resp:	3722
Ion	Ratio	Lower	Upper
97	100		
83	69.7	65.8	98.6
85	48.8	42.8	64.2
99	46.4	51.2	76.8#





#56

Ethyl methacrylate

Concen: 0.867 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

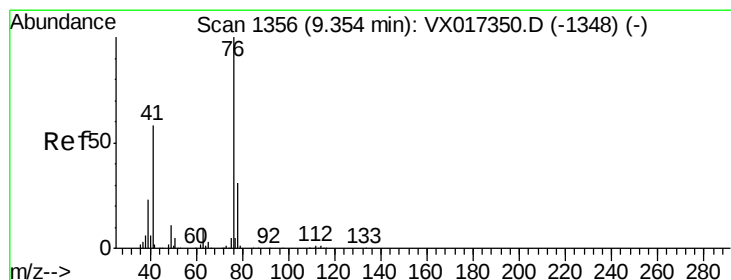
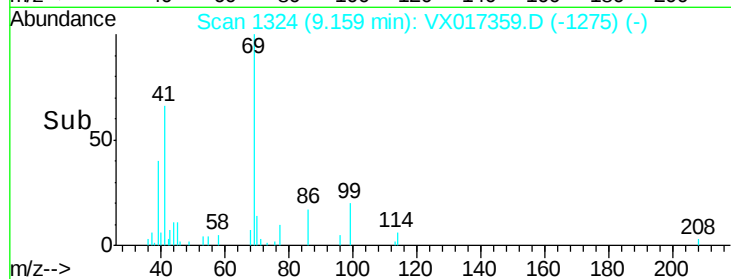
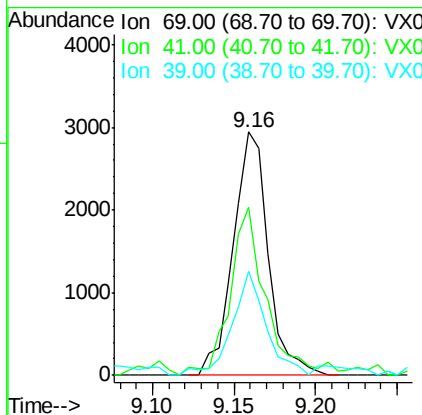
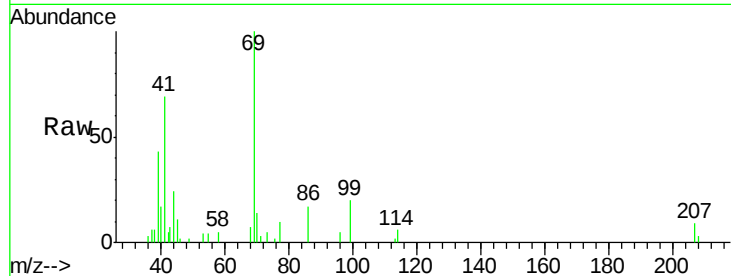
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	69	Resp:	4411
Ion	Ratio	Lower	Upper
69	100		
41	69.3	52.6	78.8
39	41.0	28.8	43.2

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#57

1,3-Dichloropropane

Concen: 0.942 ug/l

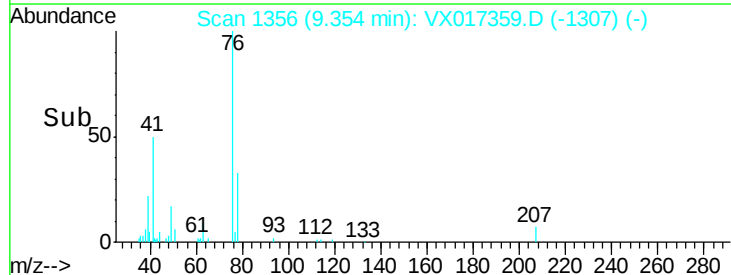
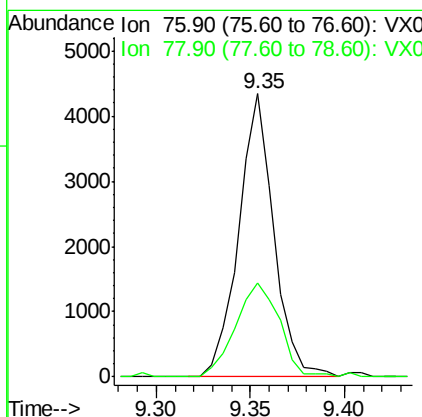
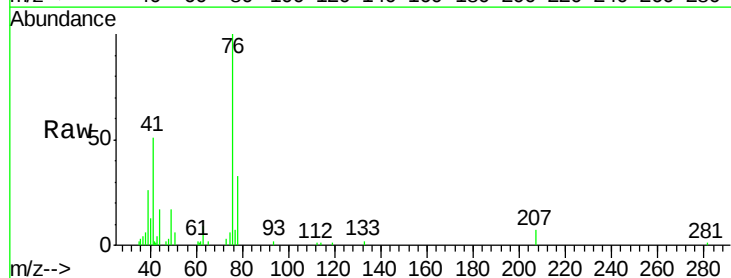
RT: 9.35 min Scan# 1356

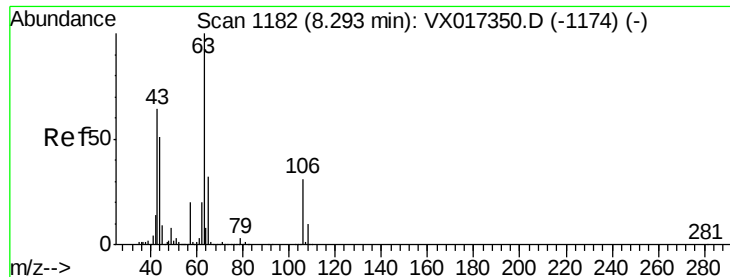
Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	76	Resp:	5611
Ion	Ratio	Lower	Upper
76	100		
78	41.5	25.8	38.6#





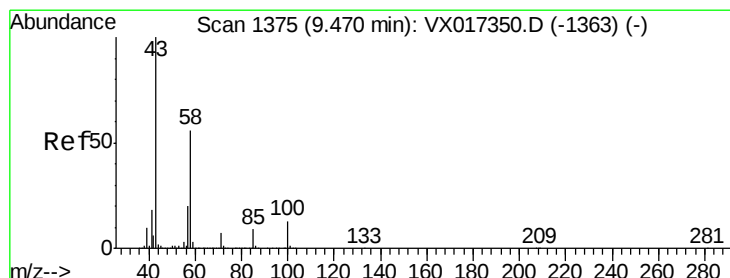
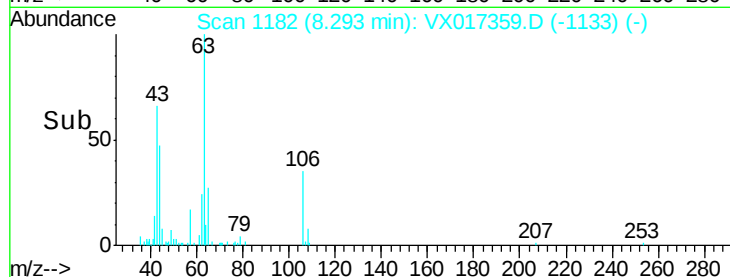
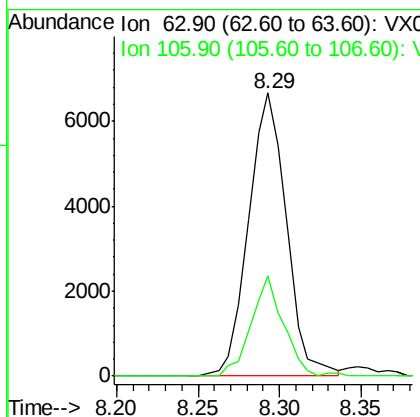
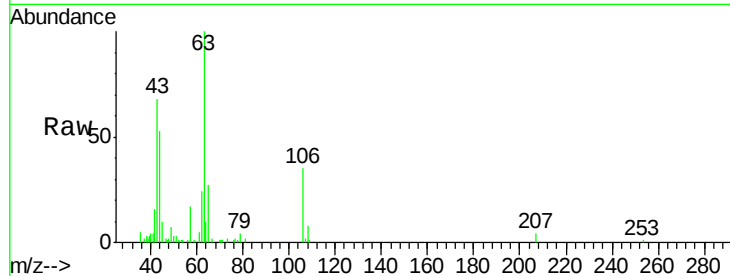
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.167 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion: 63 Resp: 10762
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.8 37.2

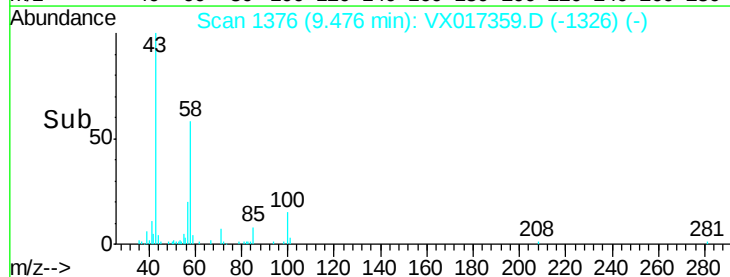
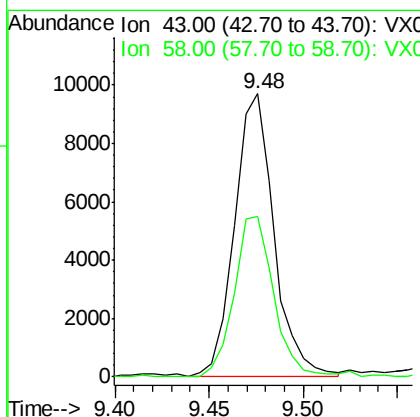
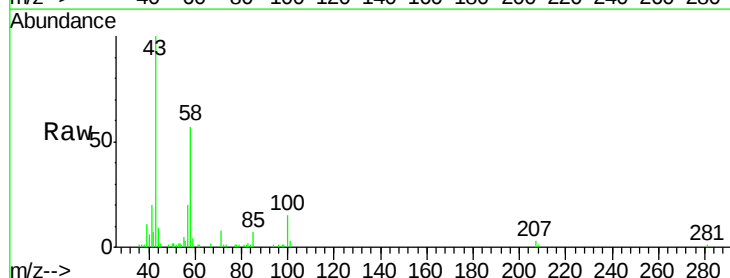
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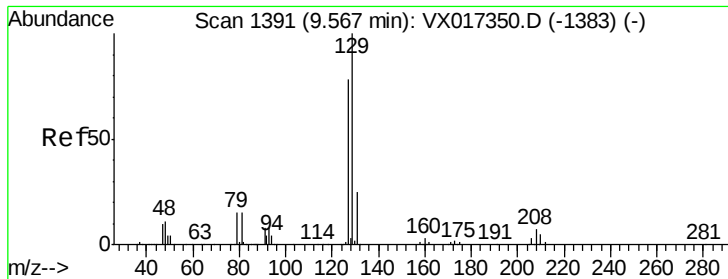
MMDadoda
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#59
 2-Hexanone
 Concen: 3.976 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion: 43 Resp: 14085
 Ion Ratio Lower Upper
 43 100
 58 57.5 28.1 84.3





#60

Dibromochloromethane

Concen: 0.878 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:129 Resp: 3844

Ion Ratio Lower Upper

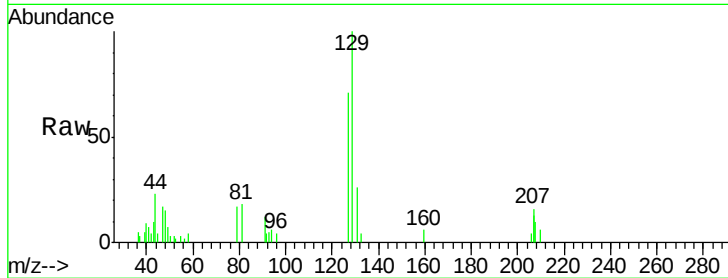
129 100

127 76.6 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

2500

2000

1500

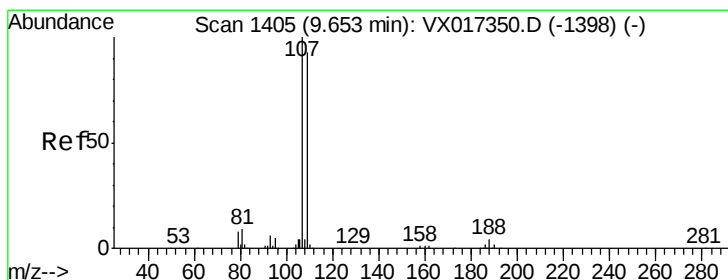
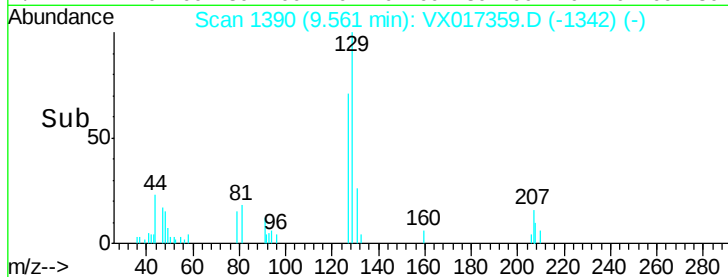
1000

500

0

9.50 9.55 9.60

Time-->



#61

1,2-Dibromoethane

Concen: 1.036 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017359.D

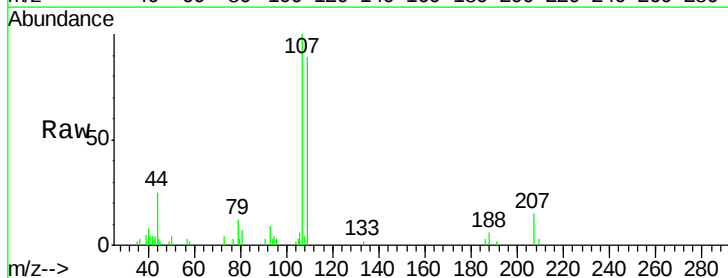
Acq: 13 Jul 2020 17:36

Tgt Ion:107 Resp: 4038

Ion Ratio Lower Upper

107 100

109 86.0 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

3000

2500

2000

1500

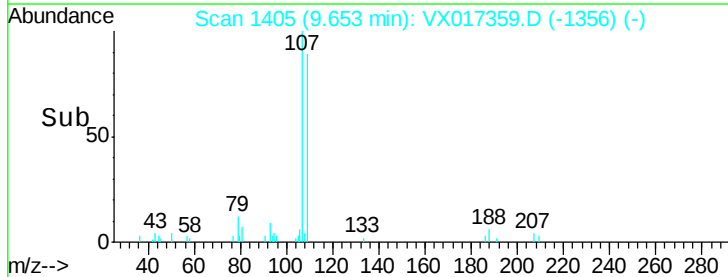
1000

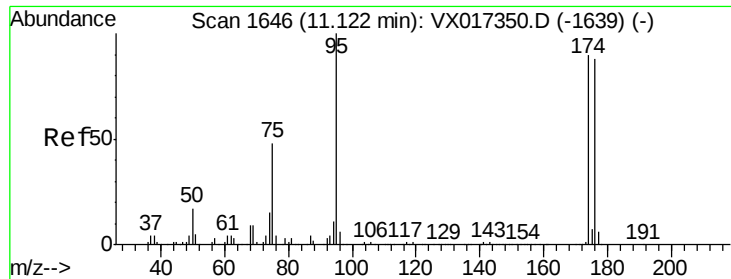
500

0

9.60 9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 43.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 95 Resp: 212632

Ion Ratio Lower Upper

95 100

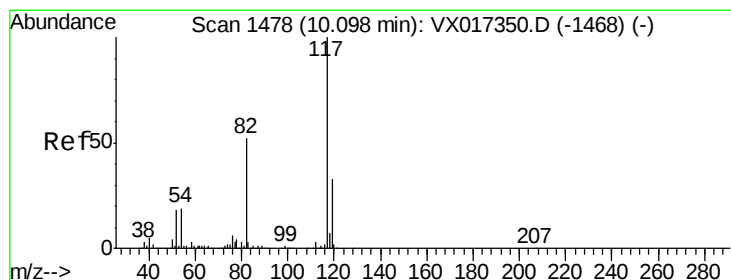
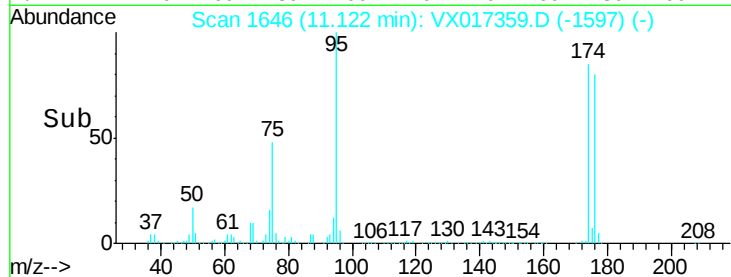
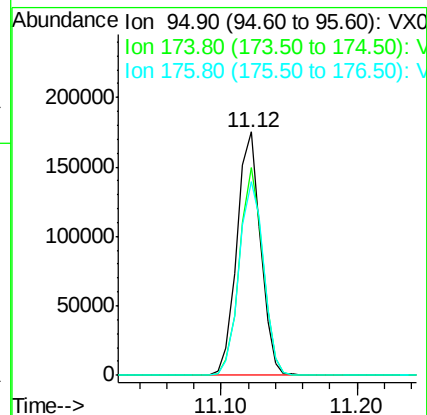
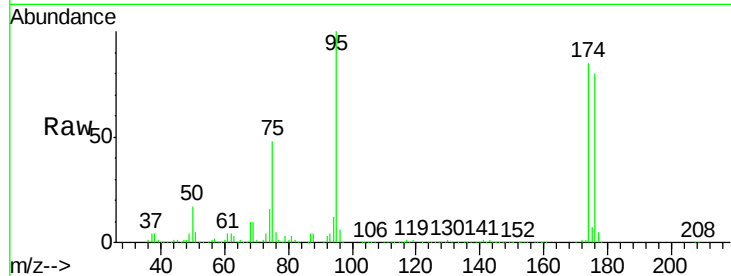
174 84.5 0.0 175.8

176 82.5 0.0 164.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

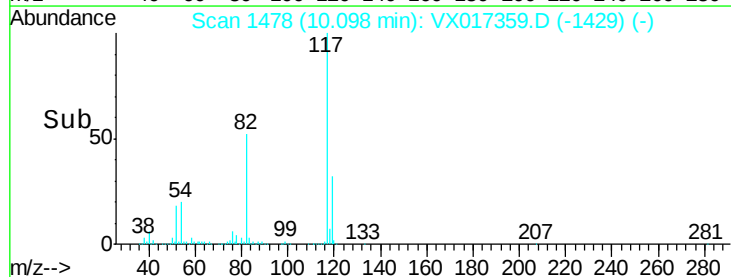
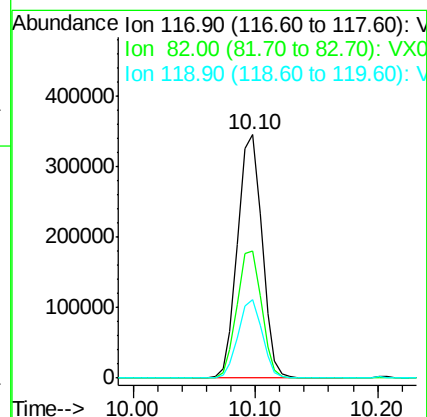
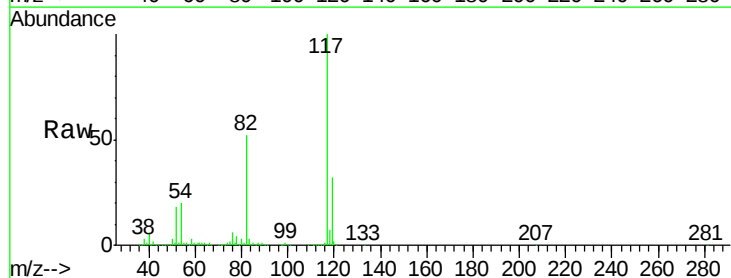
Tgt Ion: 117 Resp: 475852

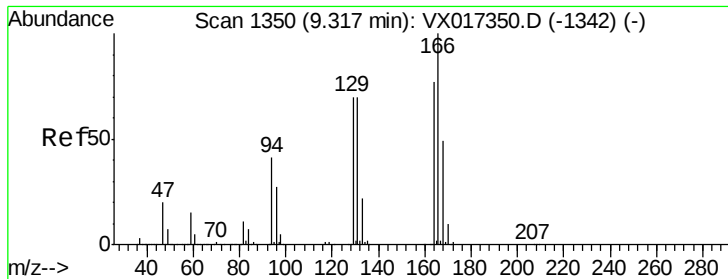
Ion Ratio Lower Upper

117 100

82 52.1 42.0 63.0

119 32.3 26.3 39.5





#64

Tetrachloroethene

Concen: 1.154 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

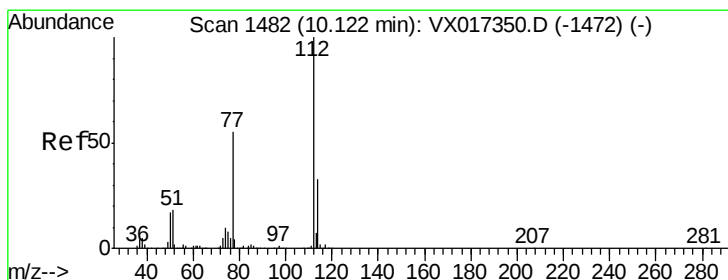
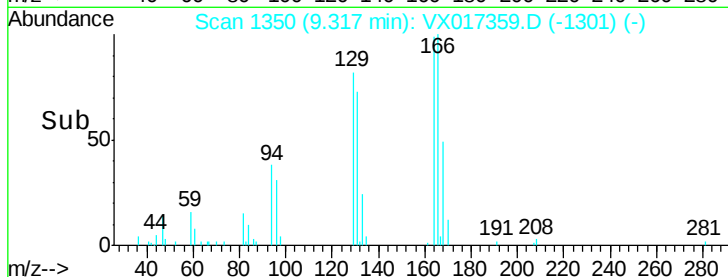
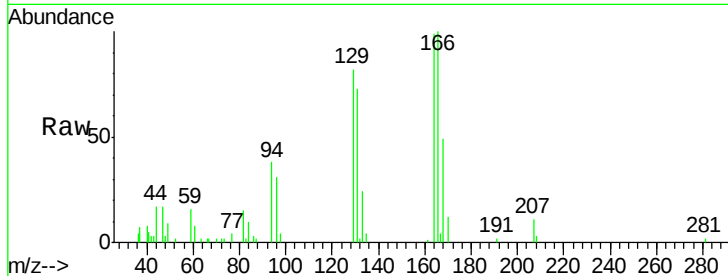
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	164	Resp:	4751
Ion	Ratio	Lower	Upper
164	100		
166	101.2	103.9	155.9#
129	83.0	72.9	109.3
131	74.1	72.5	108.7

Manual Integrations
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#65

Chlorobenzene

Concen: 0.957 ug/l

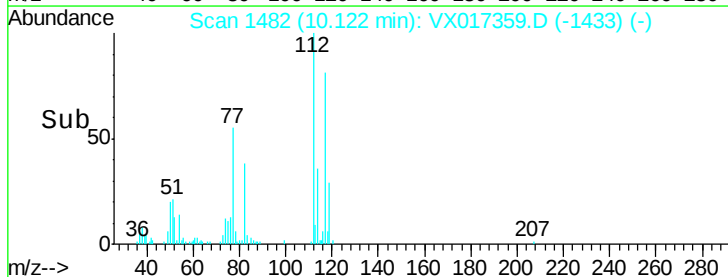
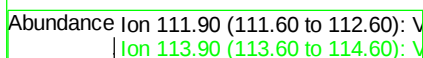
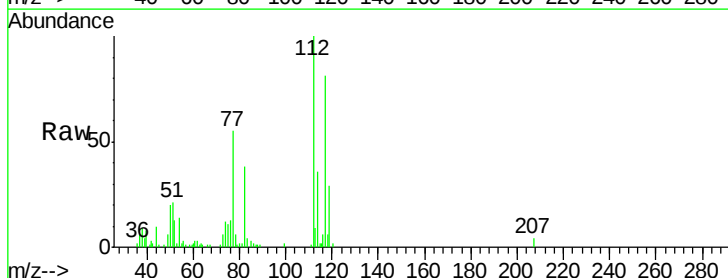
RT: 10.12 min Scan# 1482

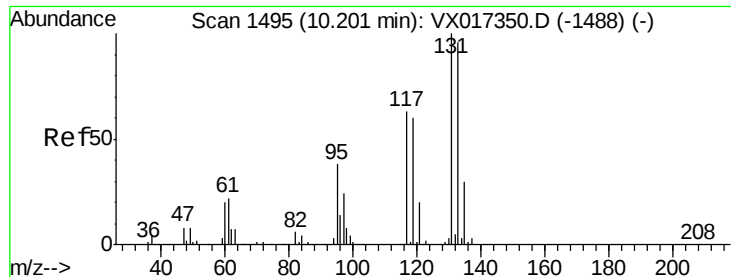
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	112	Resp:	9253
Ion	Ratio	Lower	Upper
112	100		
114	36.0	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 0.934 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

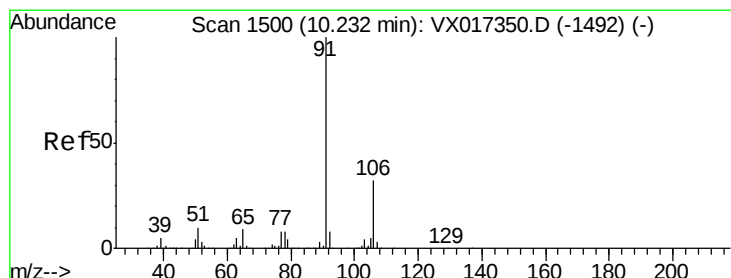
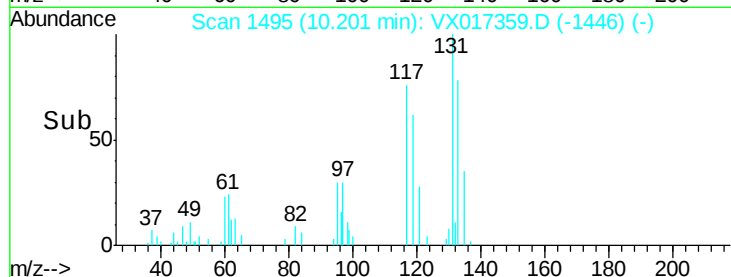
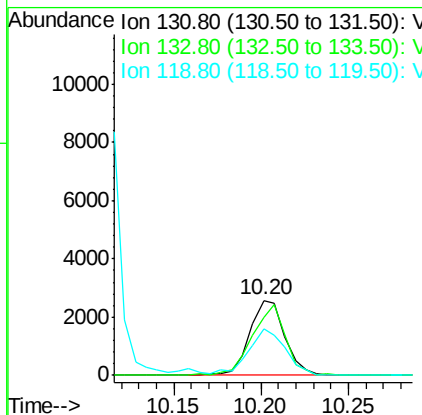
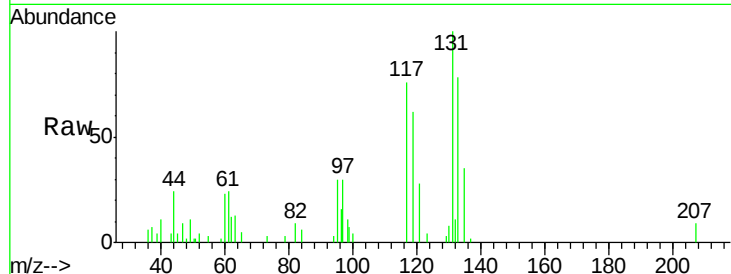
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
131	100		
133	90.5	48.4	145.2
119	0.0	31.2	93.6#

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#67

Ethyl Benzene

Concen: 0.883 ug/l

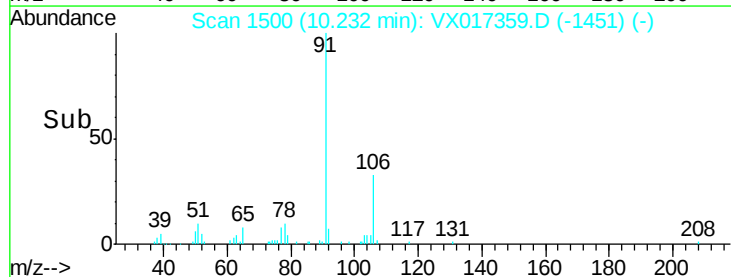
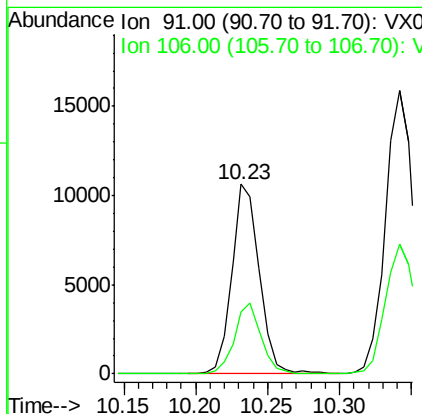
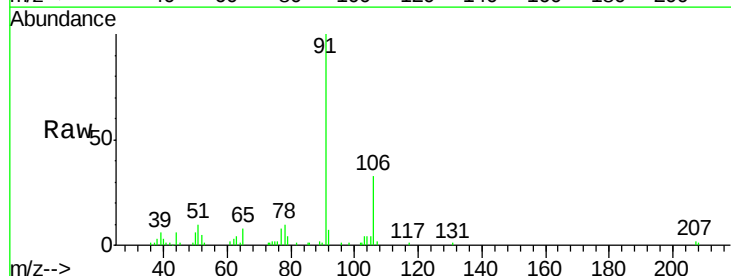
RT: 10.23 min Scan# 1500

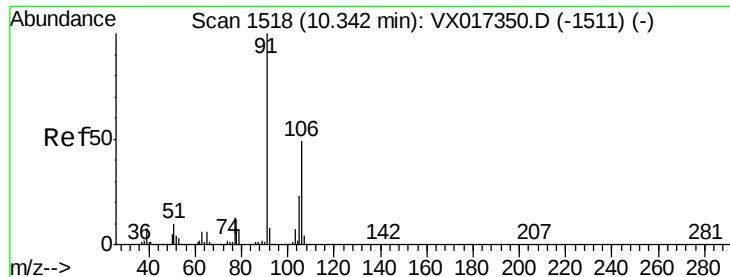
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.7	38.5





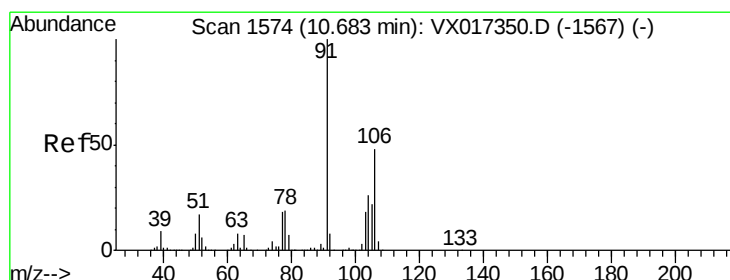
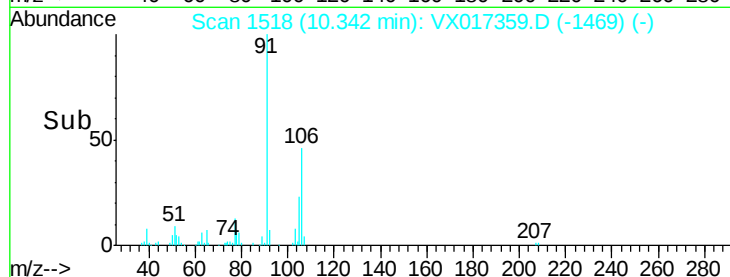
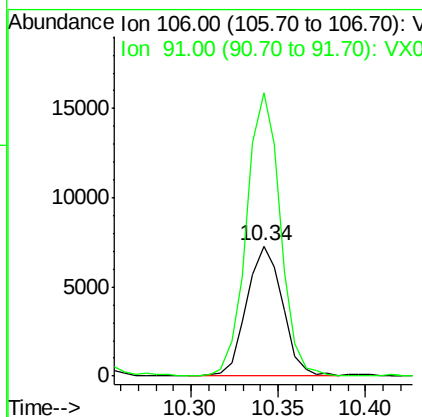
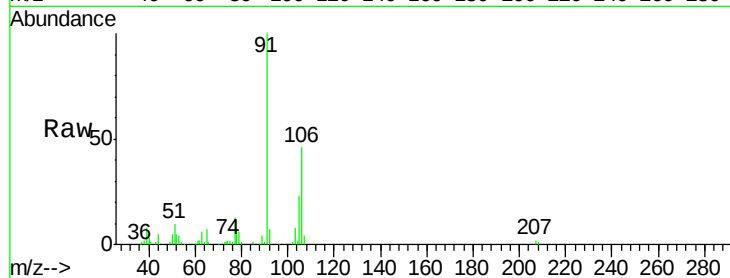
#68
m/p-Xylenes
Concen: 1.705 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:106 Resp: 10445
Ion Ratio Lower Upper
106 100
91 204.8 162.5 243.7

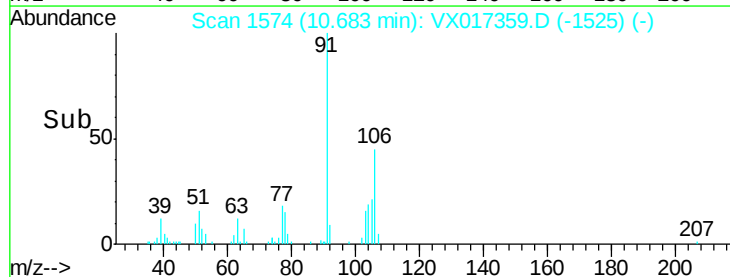
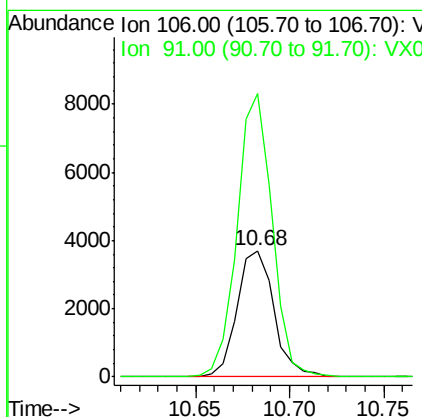
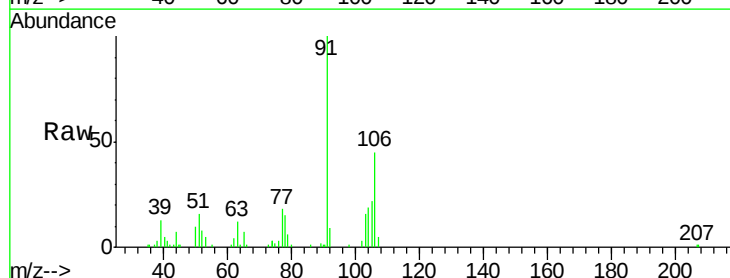
Manual Integrations
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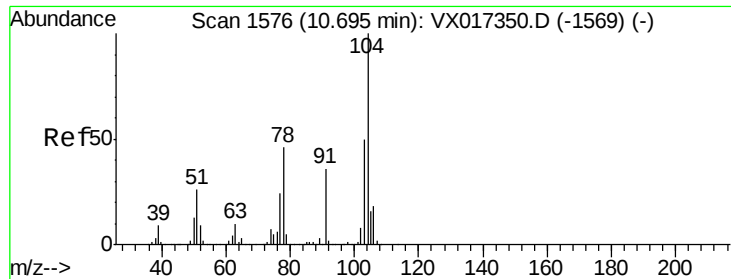
MMDadoda
7/14/2020 11:36:07 AM



#69
o-Xylene
Concen: 0.857 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion:106 Resp: 5015
Ion Ratio Lower Upper
106 100
91 212.9 106.1 318.1





#70

Stvrene

Concen: 0.761 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

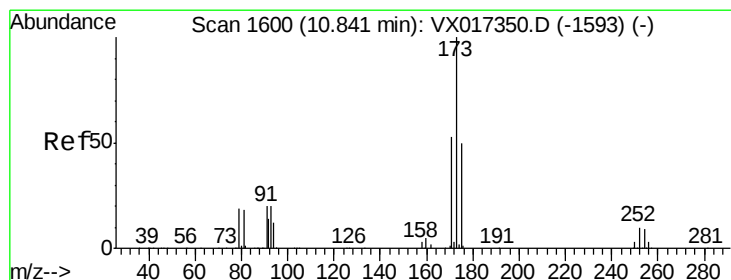
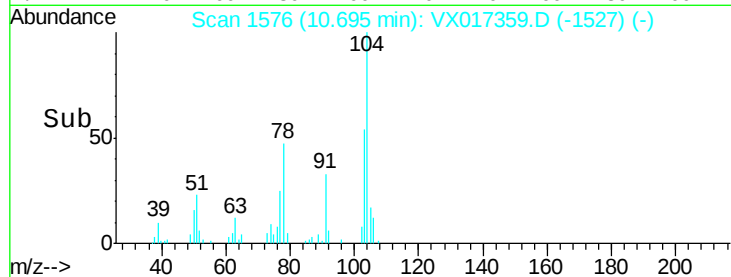
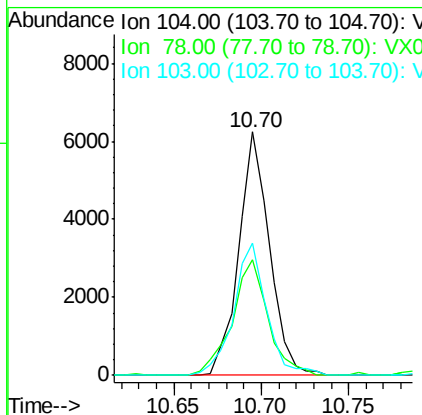
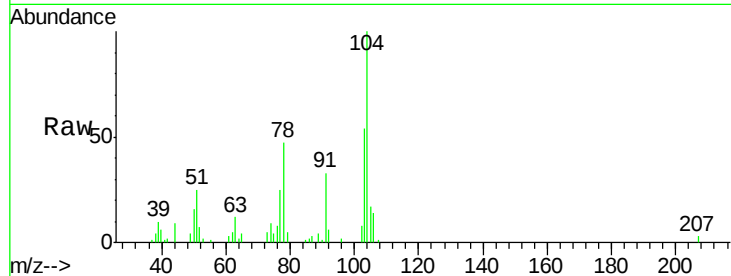
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	104	Resp:	7646
Ion	Ratio	Lower	Upper
104	100		
78	55.5	40.8	61.2
103	58.1	43.3	64.9

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#71

Bromoform

Concen: 0.877 ug/l

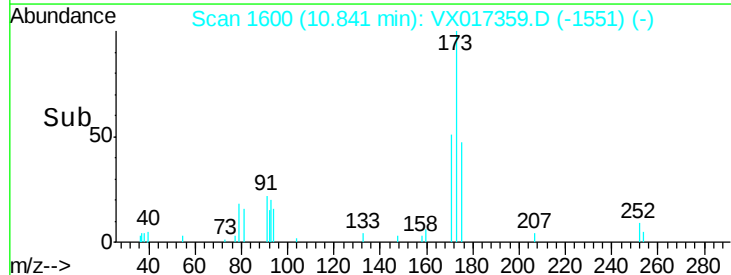
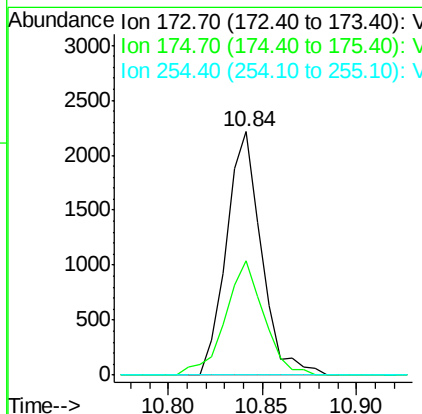
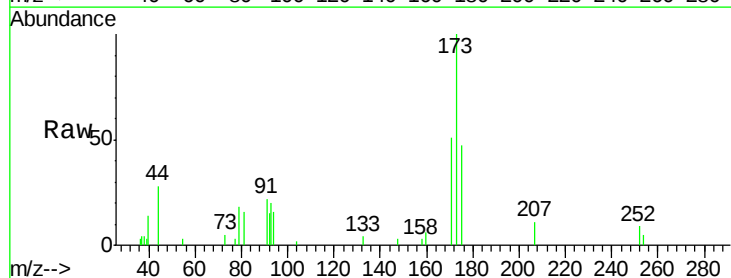
RT: 10.84 min Scan# 1600

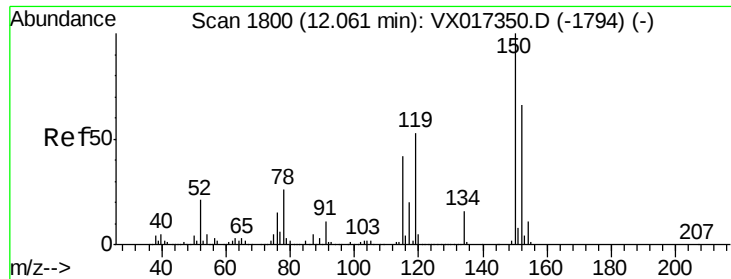
Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	173	Resp:	2849
Ion	Ratio	Lower	Upper
173	100		
175	52.0	24.7	74.1
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:152 Resp: 237098

Ion Ratio Lower Upper

152 100

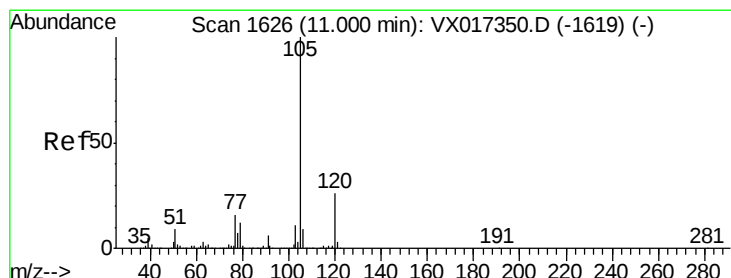
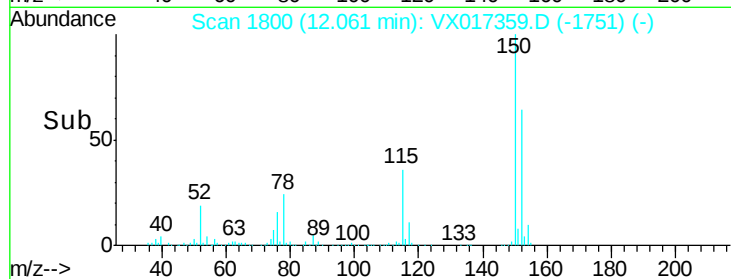
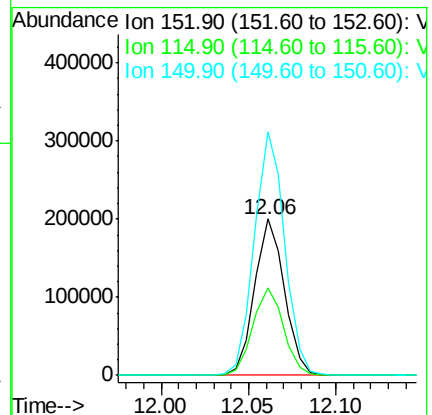
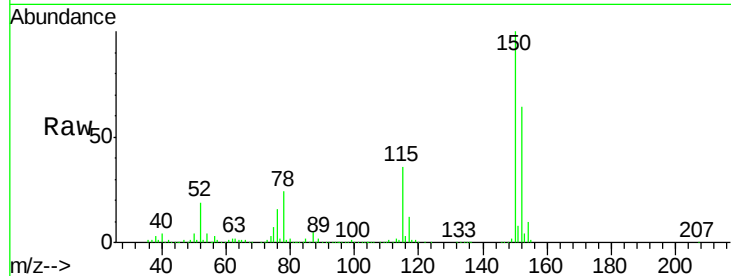
115 57.5 39.9 119.7

150 157.8 0.0 343.4

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#73

Isopropylbenzene

Concen: 0.865 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017359.D

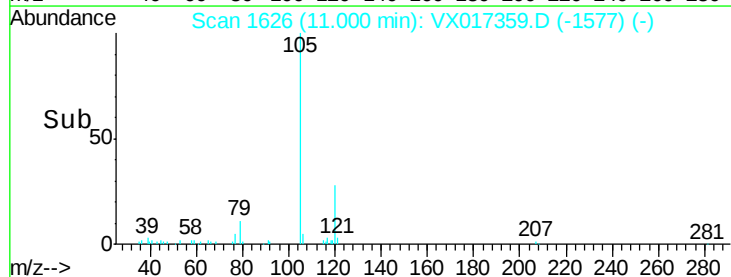
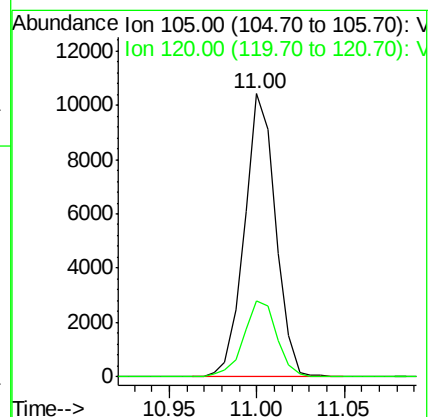
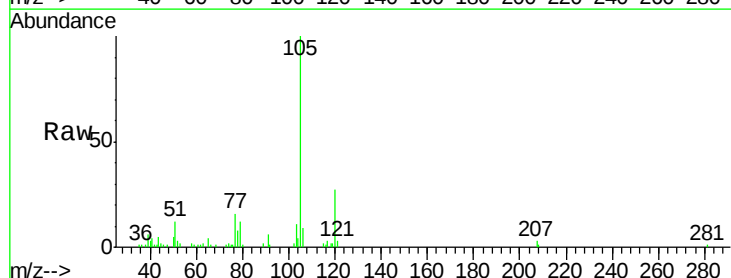
Acq: 13 Jul 2020 17:36

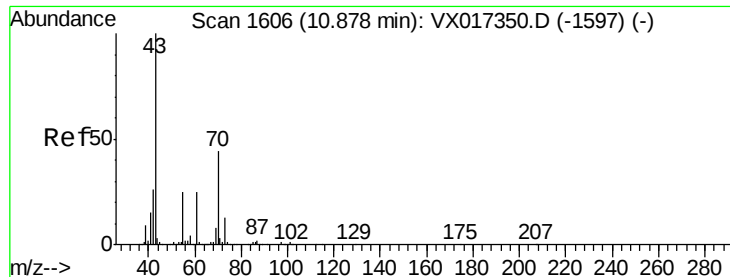
Tgt Ion:105 Resp: 12851

Ion Ratio Lower Upper

105 100

120 28.7 13.3 39.8





#74

N-amvl acetate

Concen: 0.854 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

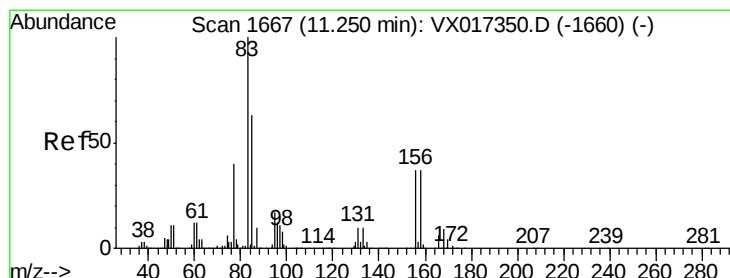
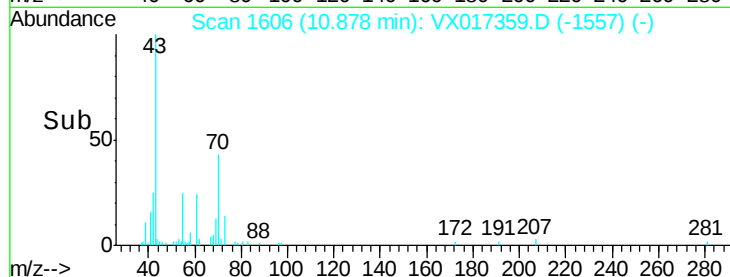
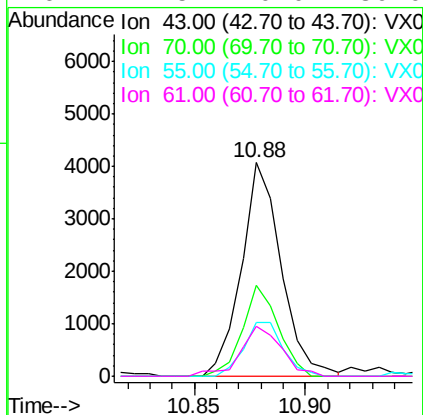
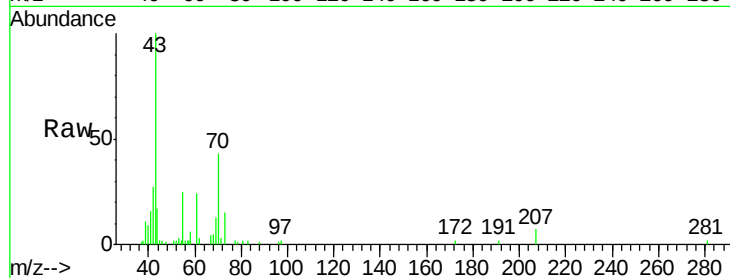
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	43	Resp:	5080
Ion	Ratio	Lower	Upper
43	100		
70	38.4	35.7	53.5
55	25.3	20.3	30.5
61	24.5	20.0	30.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.105 ug/l

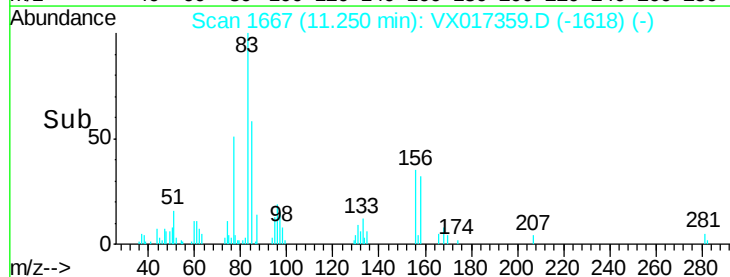
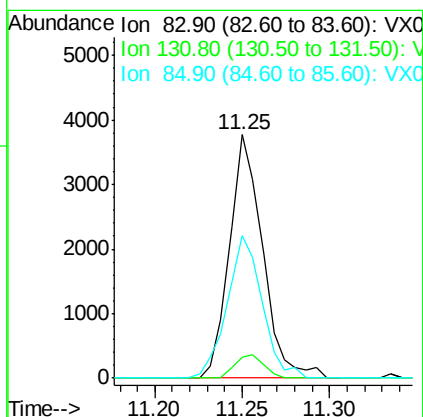
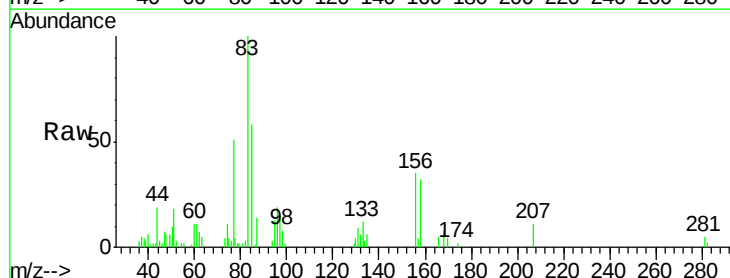
RT: 11.25 min Scan# 1667

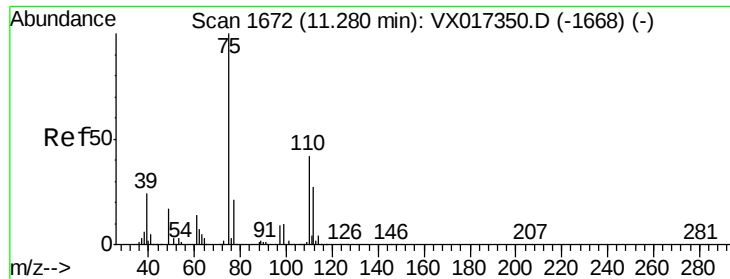
Delta R.T. -0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Tgt Ion:	83	Resp:	4988
Ion	Ratio	Lower	Upper
83	100		
131	8.4	5.5	16.7
85	61.5	32.6	98.0





#76

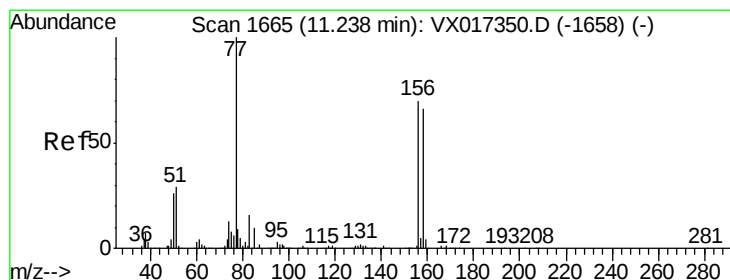
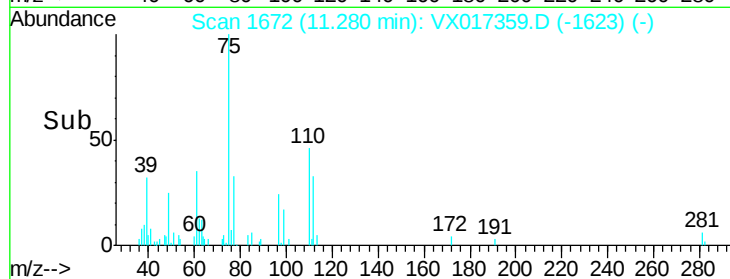
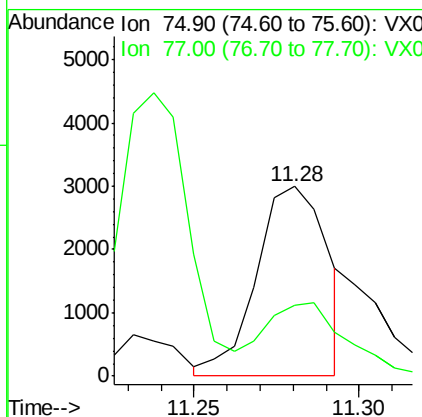
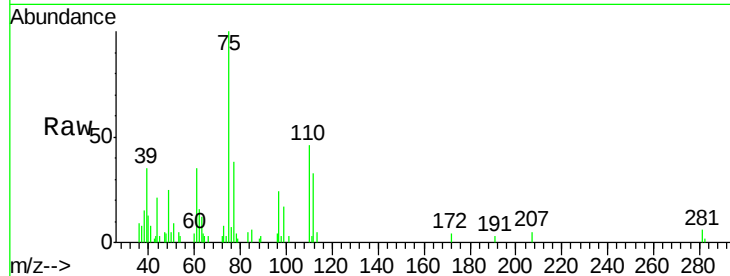
1,2,3-Trichloropropane
Concen: 1.028 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion: 75 Resp: 4502
Ion Ratio Lower Upper
75 100
77 45.2 20.3 60.9

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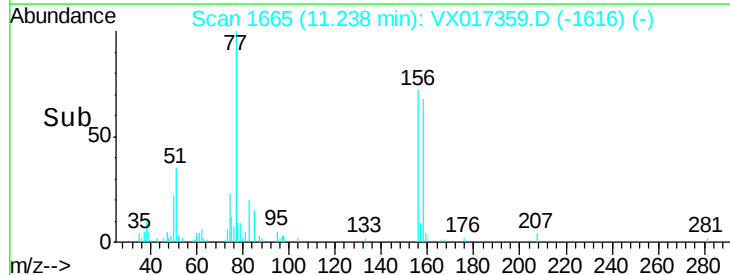
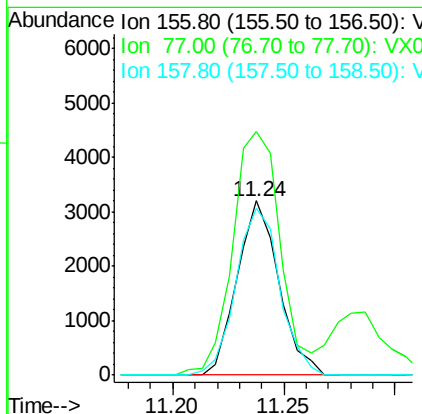
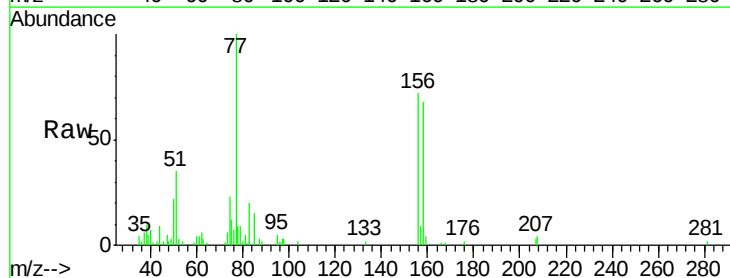
MMDadoda
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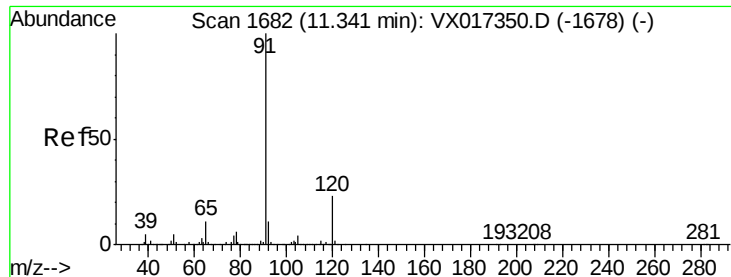


#77

Bromobenzene
Concen: 0.988 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion: 156 Resp: 4184
Ion Ratio Lower Upper
156 100
77 159.4 72.1 216.3
158 100.5 47.4 142.3





#78

n-propylbenzene

Concen: 0.933 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 91 Resp: 15571

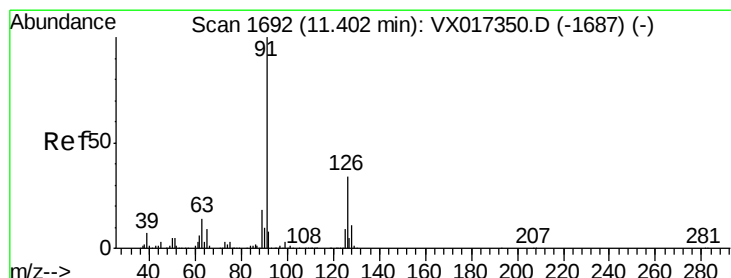
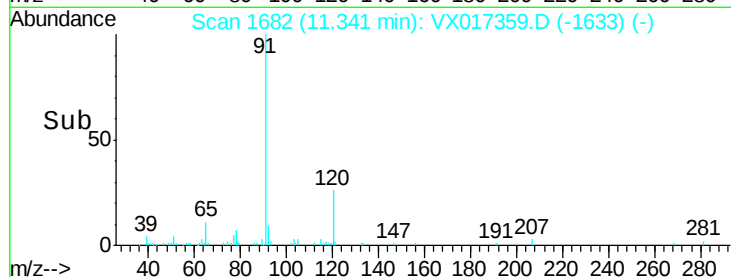
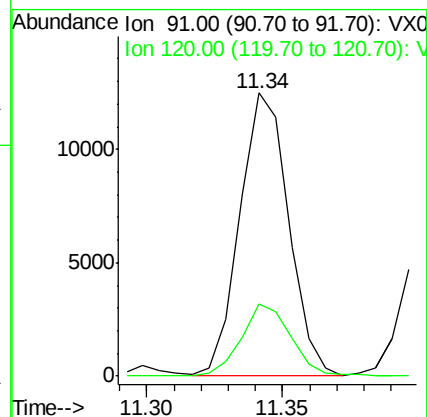
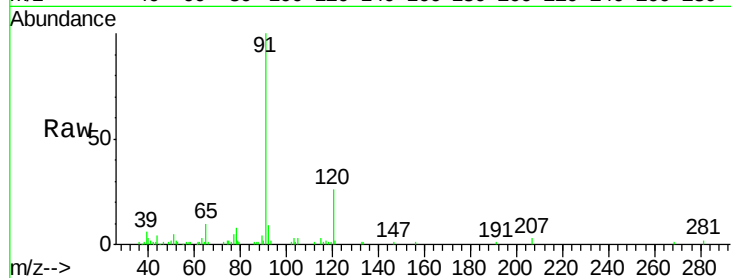
Ion Ratio Lower Upper

91 100

120 25.9 11.9 35.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.947 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017359.D

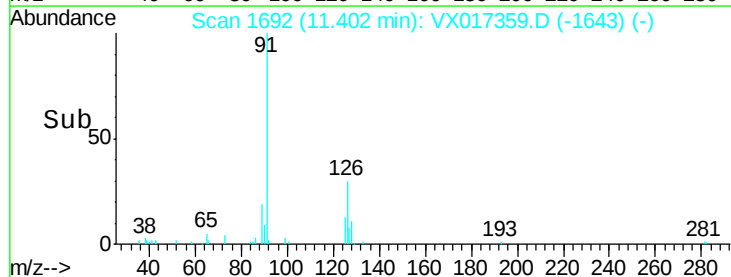
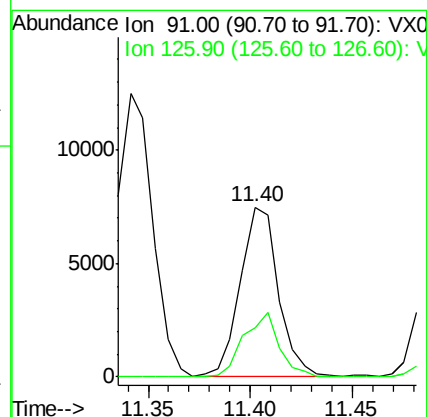
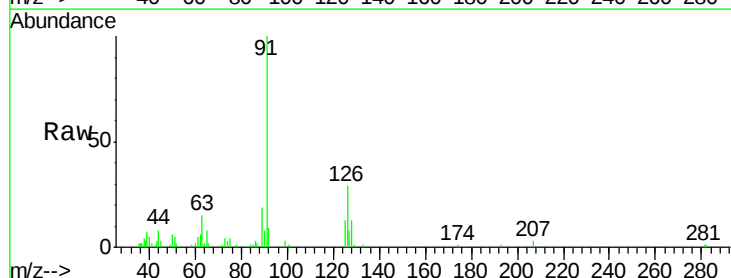
Acq: 13 Jul 2020 17:36

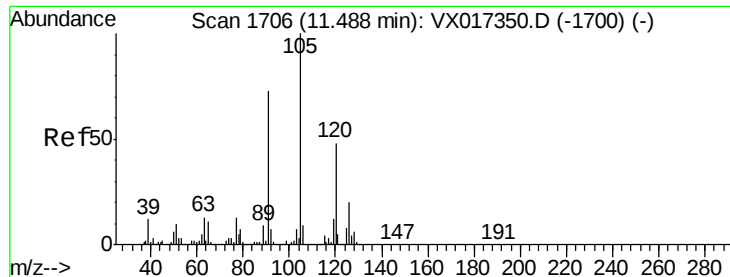
Tgt Ion: 91 Resp: 9740

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3





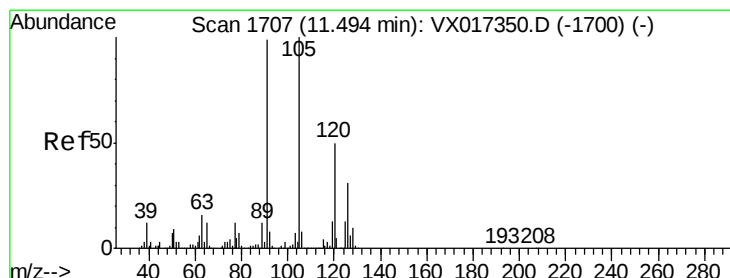
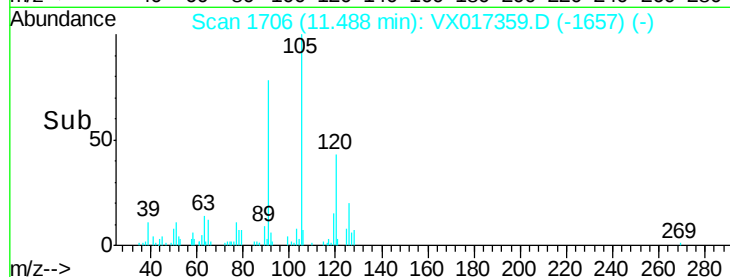
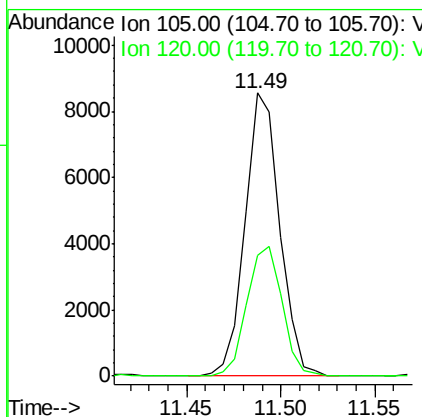
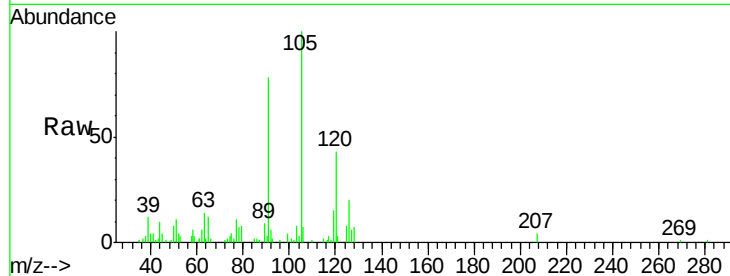
#80
 1,3,5-Trimethylbenzene
 Concen: 0.865 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.8	74.4

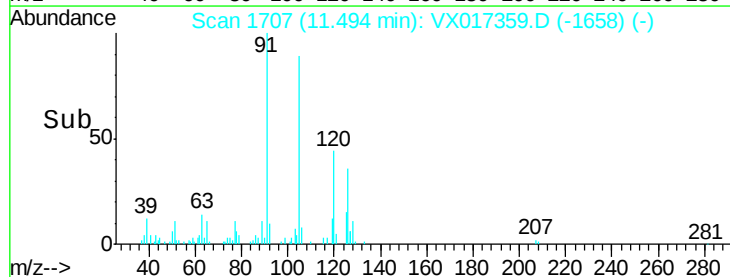
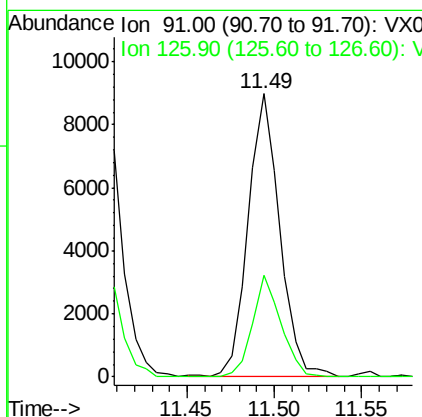
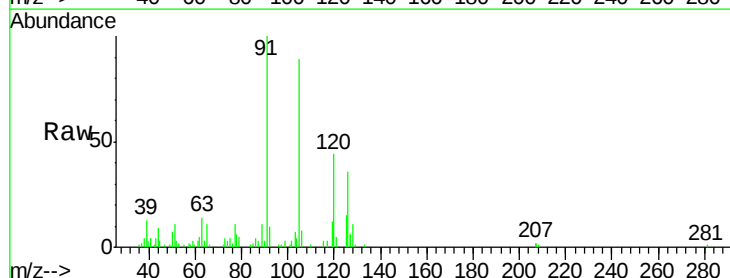
Manual Integrations
 APPROVED

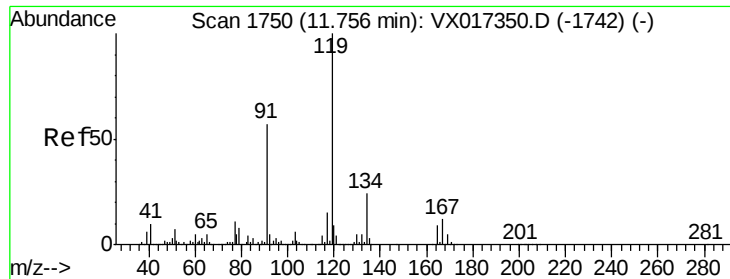
MMDadoda
 7/14/2020 11:36:07 AM



#82
 4-Chlorotoluene
 Concen: 0.926 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.4	46.2





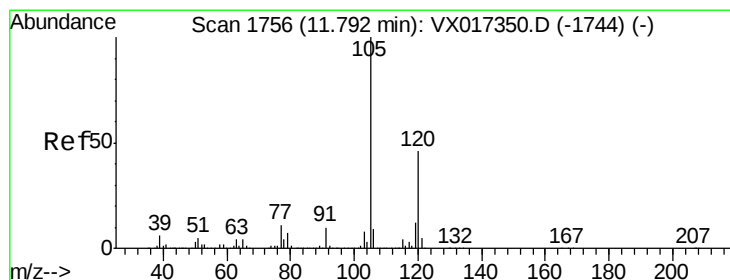
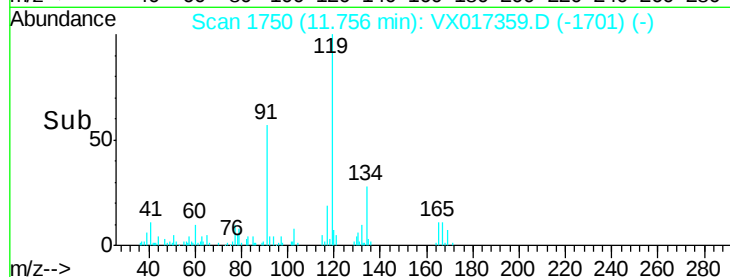
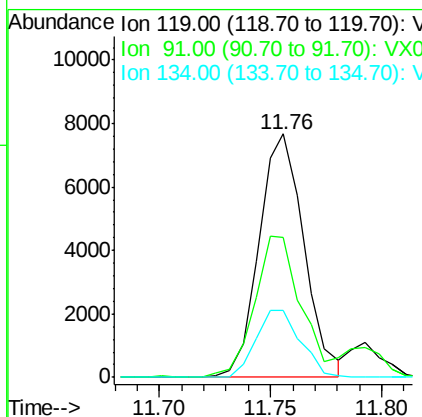
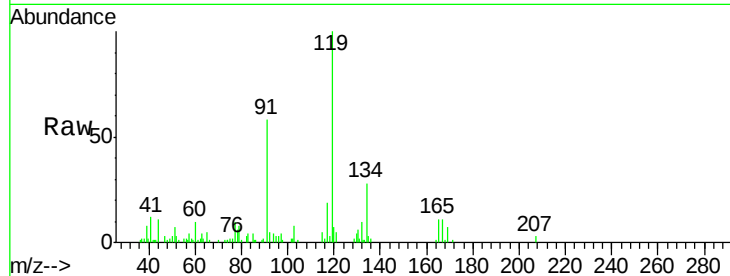
#83
tert-Butylbenzene
Concen: 0.882 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	28.5	85.6
134	27.4	11.9	35.9

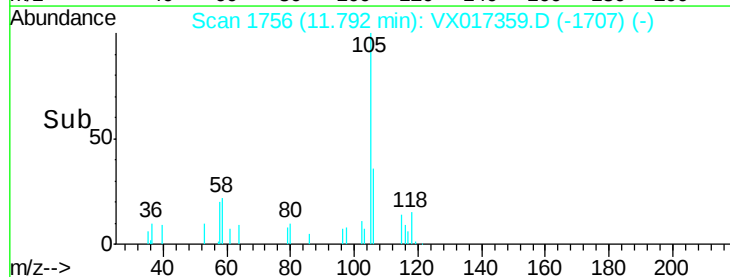
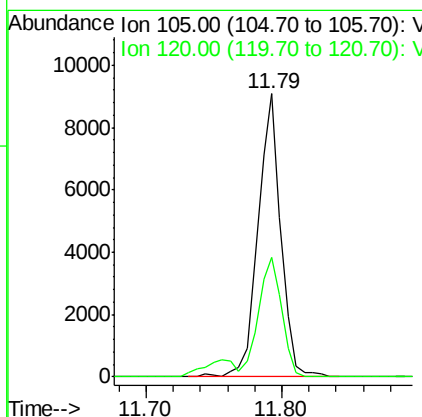
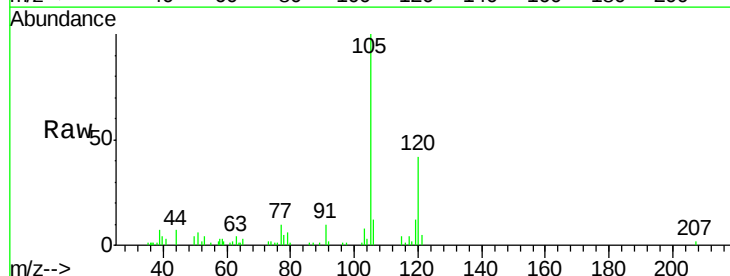
Manual Integrations
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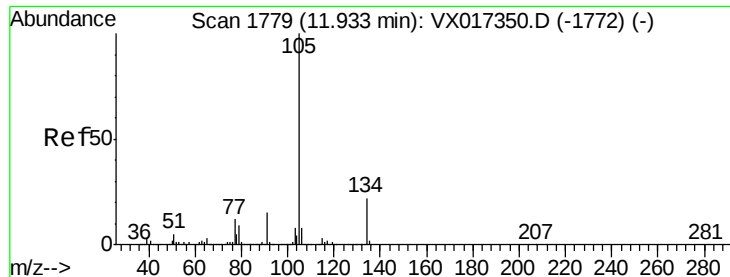
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.839 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.8	68.4





#85

sec-Butylbenzene

Concen: 0.825 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:105 Resp: 11783

Ion Ratio Lower Upper

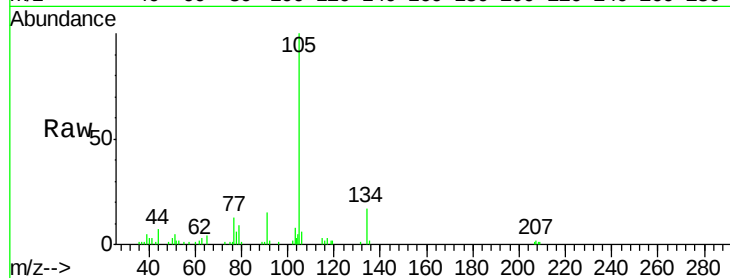
105 100

134 20.7 10.5 31.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

10000

8000

6000

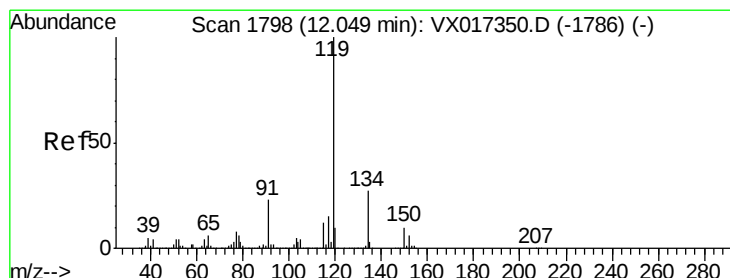
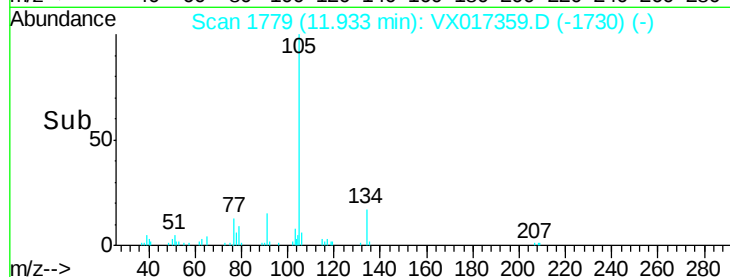
4000

2000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.820 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017359.D

Acq: 13 Jul 2020 17:36

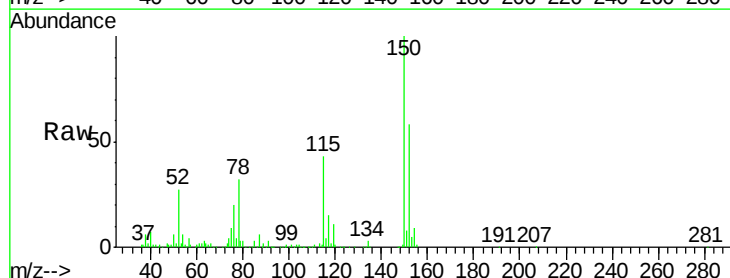
Tgt Ion:119 Resp: 11078

Ion Ratio Lower Upper

119 100

134 29.7 13.5 40.5

91 31.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12000

10000

8000

6000

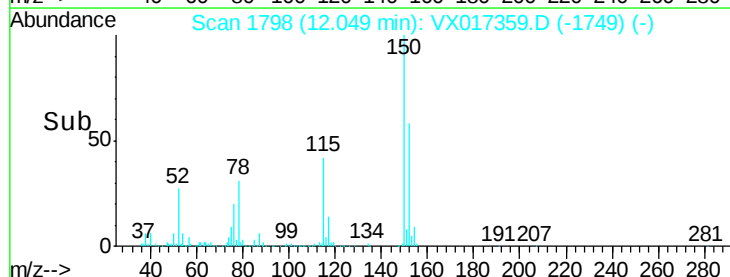
4000

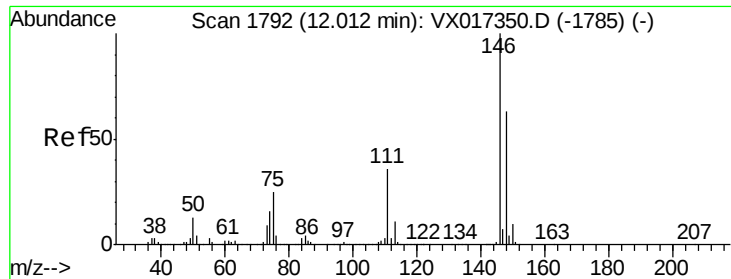
2000

0

Time-->

12.00 12.05 12.10





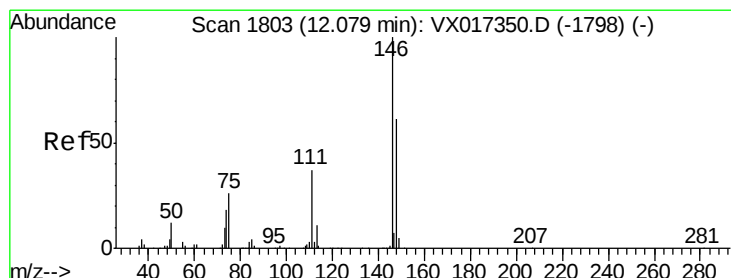
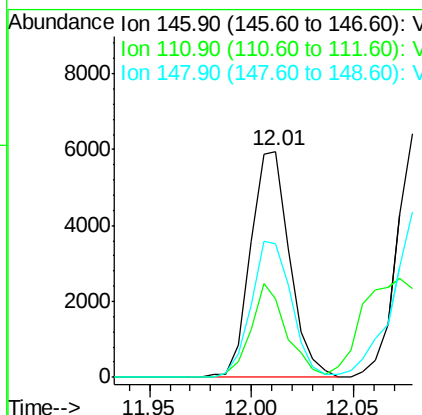
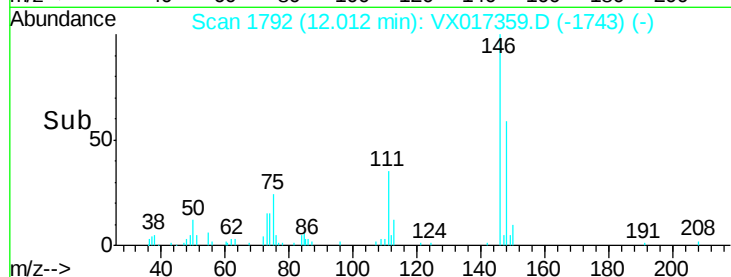
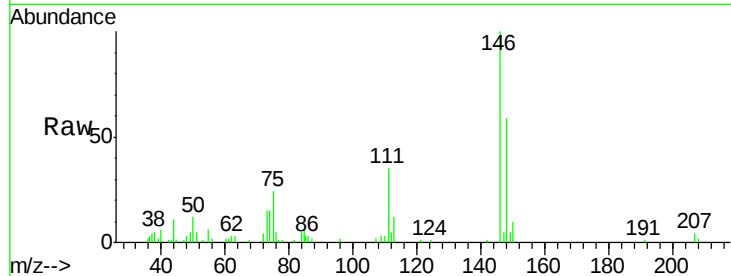
#87
 1,3-Dichlorobenzene
 Concen: 1.047 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	62.6	31.6	95.0

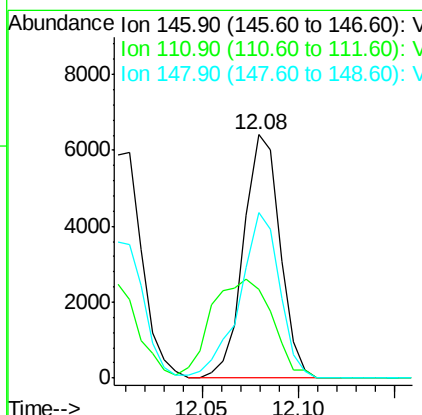
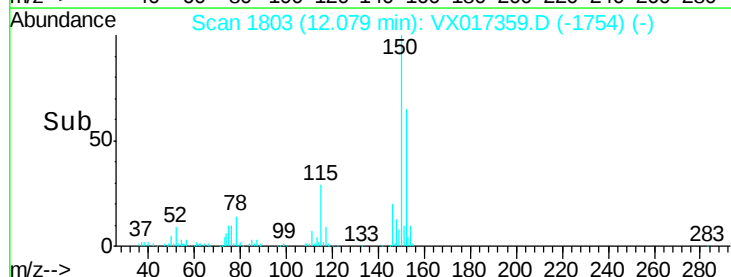
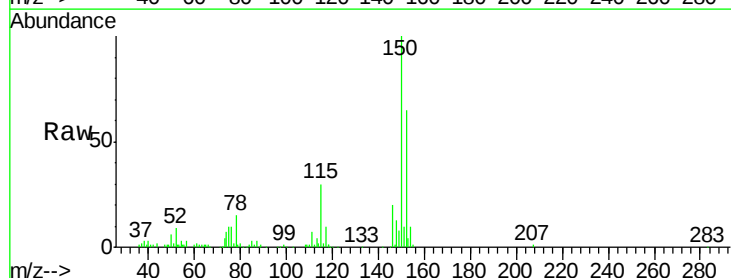
Manual Integrations
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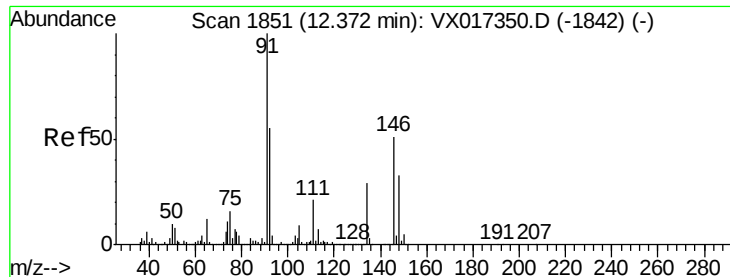
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 1.100 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.9
148	58.9	31.9	95.9





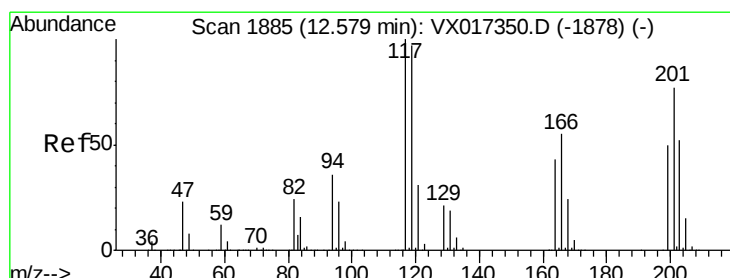
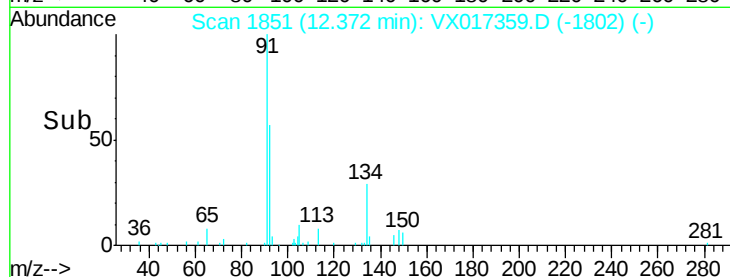
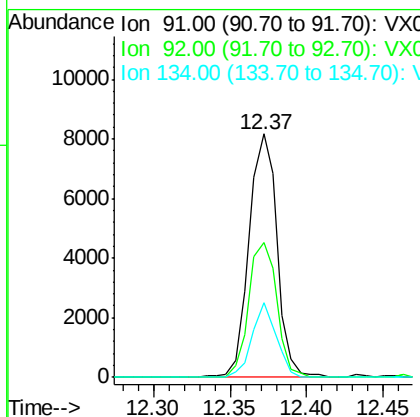
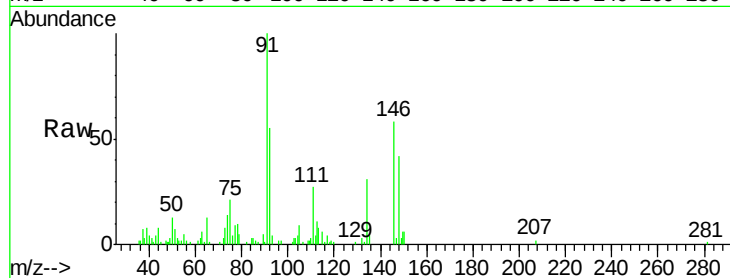
#89
n-Butylbenzene
Concen: 0.903 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.0	81.0
134	26.5	14.1	42.2

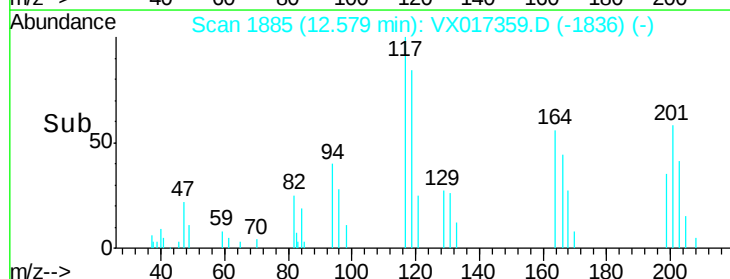
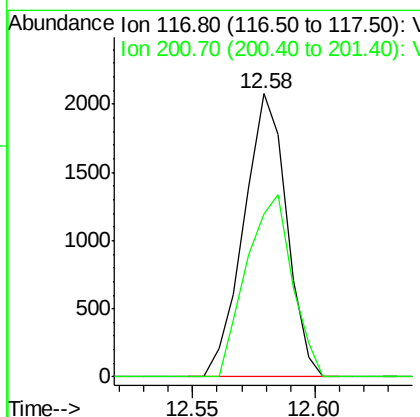
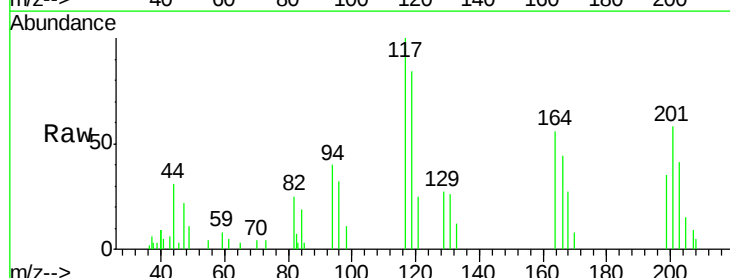
Manual Integrations
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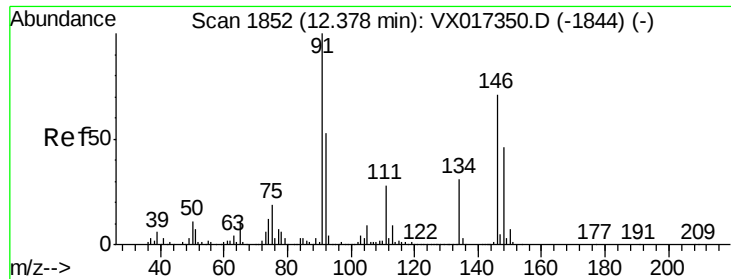
MMDadoda
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#90
Hexachloroethane
Concen: 0.987 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	41.0	123.0





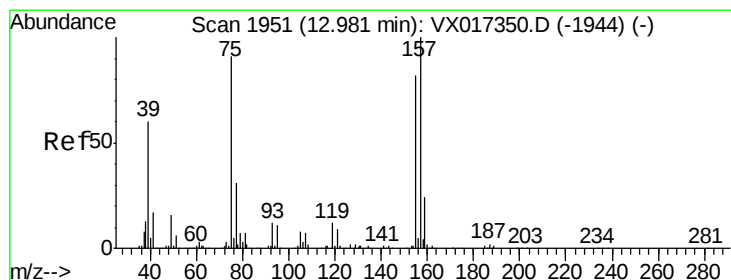
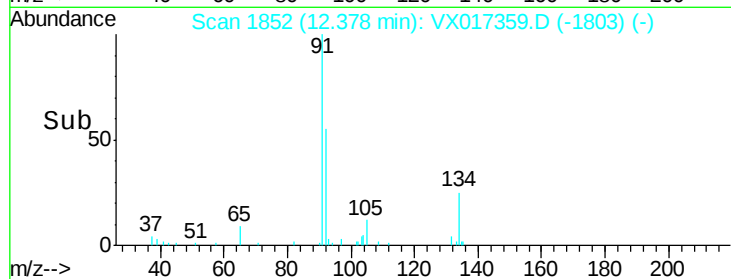
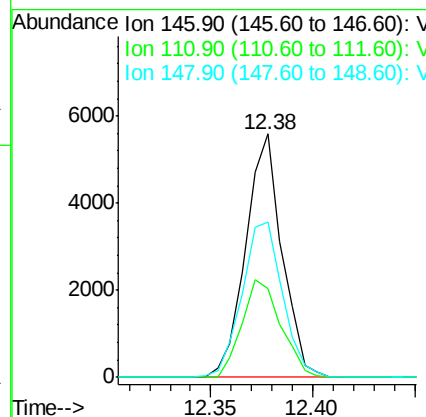
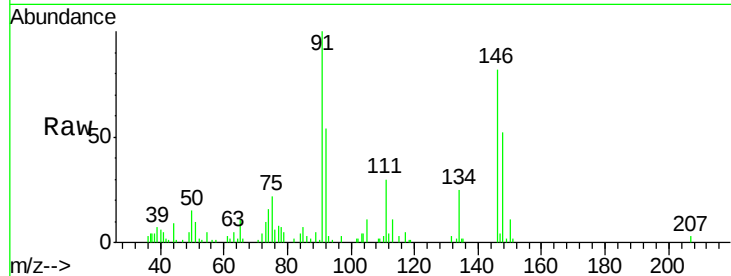
#91
 1,2-Dichlorobenzene
 Concen: 0.969 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.3	61.0
148	71.5	32.0	96.0

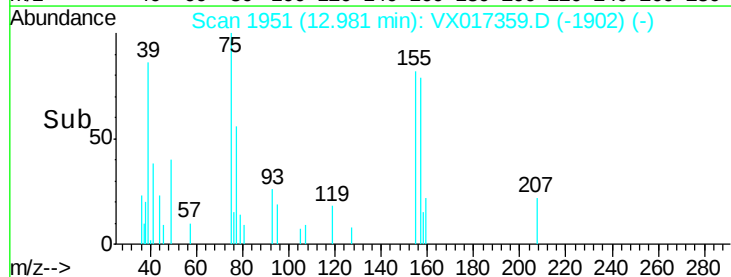
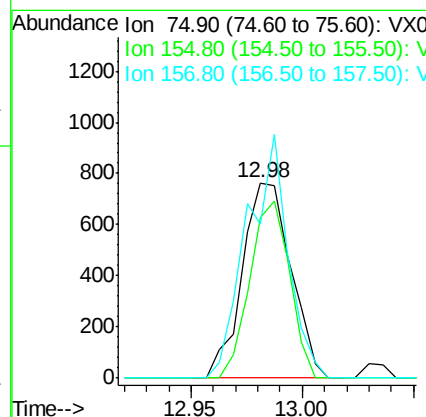
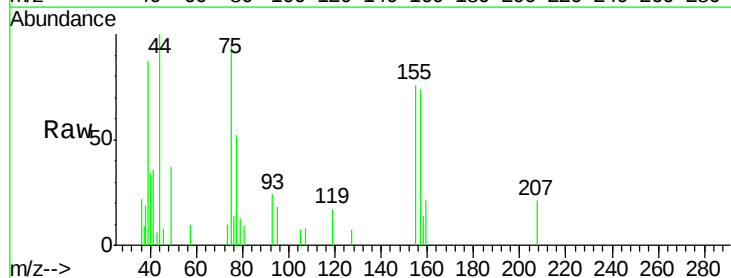
Manual Integrations
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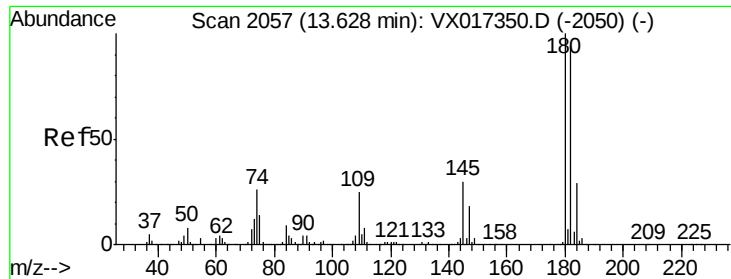
MMDadoda
 7/14/2020 11:36:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.979 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	46.5	139.3
157	105.1	58.0	173.9





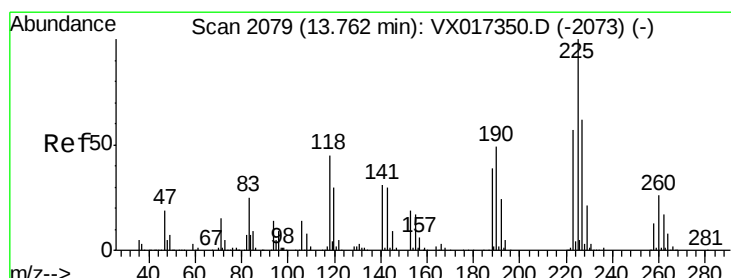
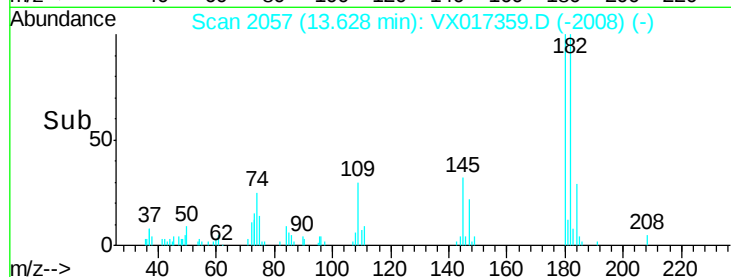
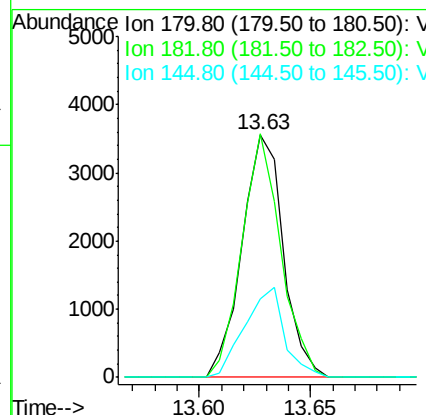
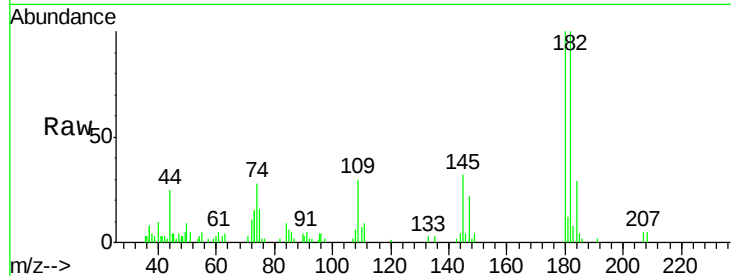
#93
 1,2,4-Trichlorobenzene
 Concen: 0.933 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.0
145	35.8	15.3	45.8

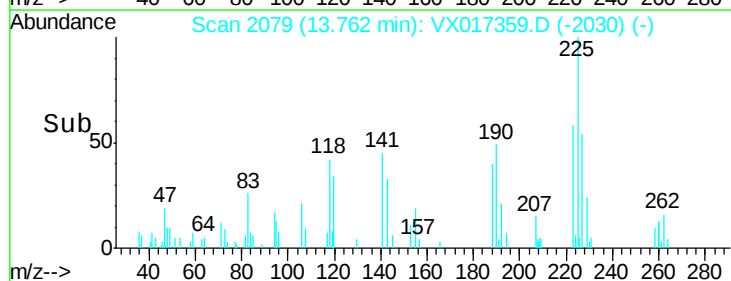
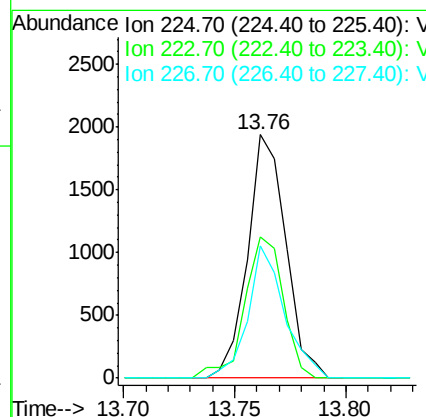
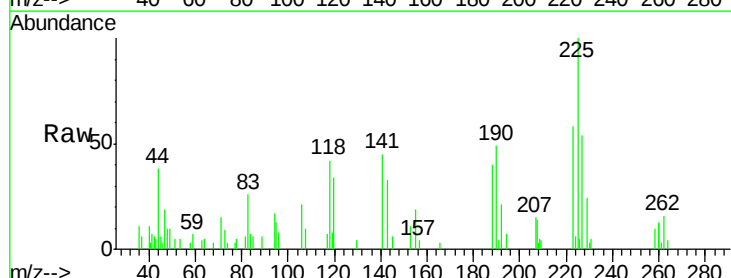
Manual Integrations
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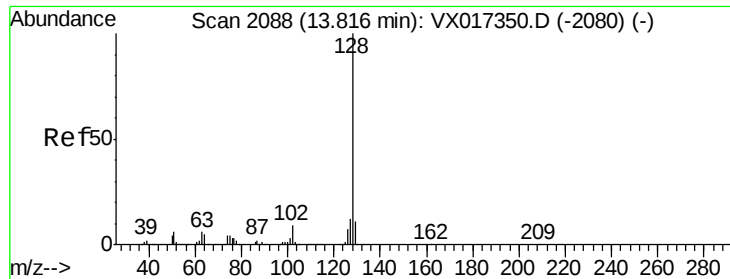
MMDadoda
 7/14/2020 11:36:07 AM



#94
 Hexachlorobutadiene
 Concen: 1.159 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017359.D
 Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	31.3	93.8
227	52.0	31.6	95.0





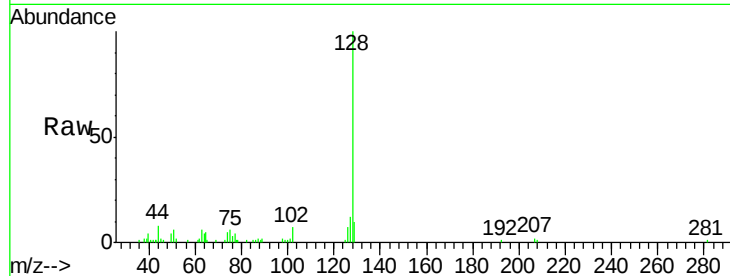
#95
Naphthalene
Concen: 0.848 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

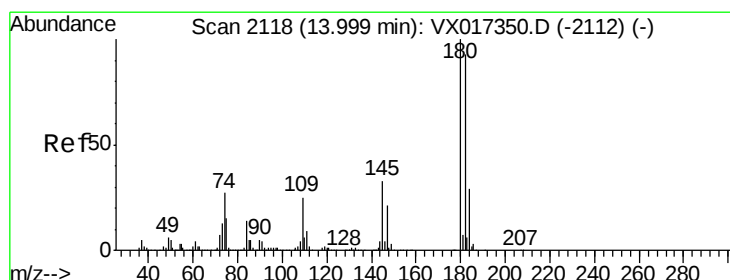
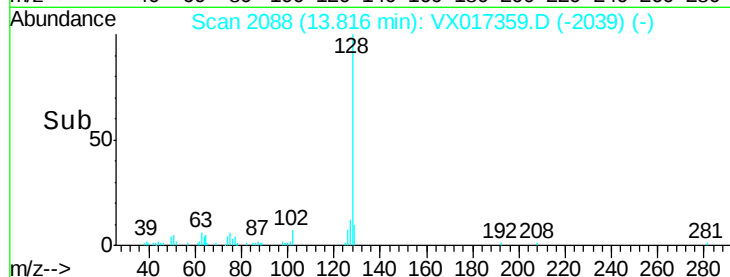
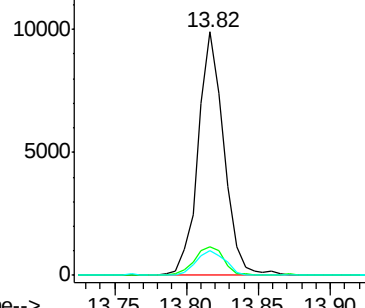
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.4	8.9	13.3

Manual Integrations
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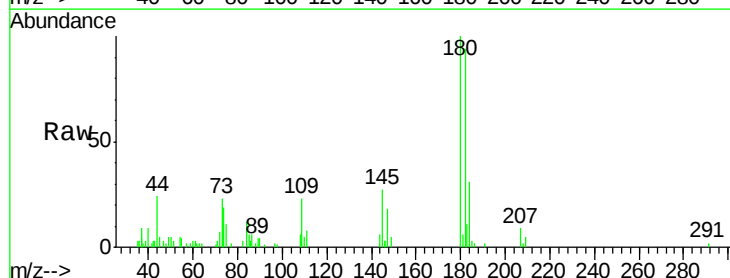


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.972 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017359.D
Acq: 13 Jul 2020 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.8	146.3
145	30.6	16.6	49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

