

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018967.D
 Acq On : 19 Oct 2020 21:46
 Operator : JC/SP
 Sample : L4214-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 10/20/2020 4:52:42 PM

Quant Time: Oct 20 10:19:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 10:01:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	82355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	153724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	130940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	58890	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	59366	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	5.46	113	46560	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.70	98	182911	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	59794	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	629	0.850	ug/l	97
3) Chloromethane	1.32	50	854	1.059	ug/l	93
4) Vinyl Chloride	1.39	62	1043	0.965	ug/l	99
5) Bromomethane	1.64	94	1364	1.514	ug/l	97
6) Chloroethane	1.72	64	838	1.074	ug/l	94
7) Trichlorofluoromethane	1.92	101	1927	1.056	ug/l	99
8) Diethyl Ether	2.17	74	807	1.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	938	0.934	ug/l	88
10) Methyl Iodide	2.49	142	605	0.640	ug/l #	98
11) Tert butyl alcohol	3.02	59	1668	6.809	ug/l #	86
12) 1,1-Dichloroethene	2.36	96	1143	1.066	ug/l	93
13) Acrolein	2.28	56	1260	7.813	ug/l #	76
14) Allyl chloride	2.71	41	1451	1.121	ug/l #	93
15) Acrylonitrile	3.12	53	2278	5.048	ug/l	99
16) Acetone	2.42	43	2435	5.269	ug/l	100
17) Carbon Disulfide	2.55	76	2695	1.106	ug/l	98
18) Methyl Acetate	2.75	43	1228	1.200	ug/l #	81
19) Methyl tert-butyl Ether	3.17	73	2749	0.995	ug/l	99
20) Methylene Chloride	2.84	84	1125	1.152	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	949	0.966	ug/l #	86
22) Diisopropyl ether	3.82	45	2281	0.953	ug/l #	42
23) Vinyl Acetate	3.79	43	10855	4.697	ug/l	97
24) 1,1-Dichloroethane	3.67	63	1538	0.937	ug/l #	93
25) 2-Butanone	4.65	43	3610	5.430	ug/l	90
26) 2,2-Dichloropropane	4.55	77	1408	0.916	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	1174	1.030	ug/l	95
28) Bromochloromethane	4.98	49	671	0.971	ug/l #	87
29) Tetrahydrofuran	5.11	42	2012	5.150	ug/l	94
30) Chloroform	5.18	83	1699	0.957	ug/l	89
31) Cyclohexane	5.56	56	1323	1.020	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	1489	0.929	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	1411	0.965	ug/l	97
37) Ethyl Acetate	4.79	43	1192	0.826	ug/l #	65
38) Carbon Tetrachloride	5.76	117	1382	0.917	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1368	0.871	ug/l	95
40) Benzene	6.11	78	3794	0.902	ug/l	96
41) Methacrylonitrile	5.02	41	924	1.237	ug/l #	76
42) 1,2-Dichloroethane	6.17	62	1387	0.962	ug/l	77
43) Isopropyl Acetate	6.42	43	2262	0.972	ug/l	93
44) Trichloroethene	7.19	130	1049	0.903	ug/l	88
45) 1,2-Dichloropropane	7.49	63	945	0.908	ug/l	99
46) Dibromomethane	7.63	93	701	0.942	ug/l	94
47) Bromodichloromethane	7.88	83	1327	0.883	ug/l #	89
48) Methyl methacrylate	7.75	41	1117	1.035	ug/l	88
49) 1,4-Dioxane	7.73	88	366	14.805	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	6253	4.625	ug/l	94
52) Toluene	8.76	92	2408	0.885	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1358	0.795	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1655	0.918	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	959	0.899	ug/l #	93
56) Ethyl methacrylate	9.16	69	1374	0.839	ug/l #	86
57) 1,3-Dichloropropane	9.35	76	1487	0.829	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	3698	4.090	ug/l	97
59) 2-Hexanone	9.48	43	4546	4.423	ug/l	96
60) Dibromochloromethane	9.56	129	879	0.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	972	0.841	ug/l	92
64) Tetrachloroethene	9.32	164	886	0.958	ug/l #	86
65) Chlorobenzene	10.12	112	2640	0.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	905	0.900	ug/l #	65
67) Ethyl Benzene	10.24	91	4352	0.915	ug/l	98
68) m/p-Xylenes	10.34	106	3268	1.773	ug/l	95
69) o-Xylene	10.68	106	1582	0.889	ug/l	93
70) Styrene	10.70	104	2451	0.819	ug/l	95
71) Bromoform	10.84	173	578	0.718	ug/l #	94
73) Isopropylbenzene	11.00	105	4010	0.940	ug/l	97
74) N-amyl acetate	10.88	43	1541	0.962	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1330	0.957	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	1303m	1.018	ug/l	
77) Bromobenzene	11.24	156	949	0.918	ug/l	88
78) n-propylbenzene	11.34	91	4677	0.959	ug/l	97
79) 2-Chlorotoluene	11.40	91	2815	0.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	3166	0.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	448m	0.882	ug/l	
82) 4-Chlorotoluene	11.49	91	3364	0.983	ug/l	95
83) tert-Butylbenzene	11.76	119	3181	0.895	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	3230	0.908	ug/l	98
85) sec-Butylbenzene	11.93	105	3795	0.908	ug/l	98
86) p-Isopropyltoluene	12.05	119	3285	0.859	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	1730	0.891	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	1956m	0.970	ug/l	
89) n-Butylbenzene	12.37	91	3408	0.978	ug/l	94
90) Hexachloroethane	12.58	117	509	0.816	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	1787	0.958	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	331	1.047	ug/l	68

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

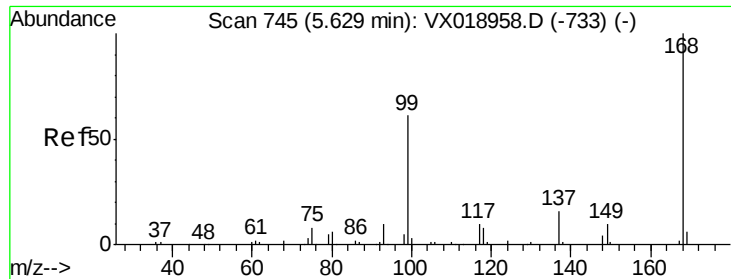
Manual Integrations
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QLast Update : Tue Oct 20 10:01:35 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1225	0.948	ug/l	92
94) Hexachlorobutadiene	13.76	225	491	0.914	ug/l	96
95) Naphthalene	13.82	128	4041	0.918	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	1049	0.839	ug/l	94

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



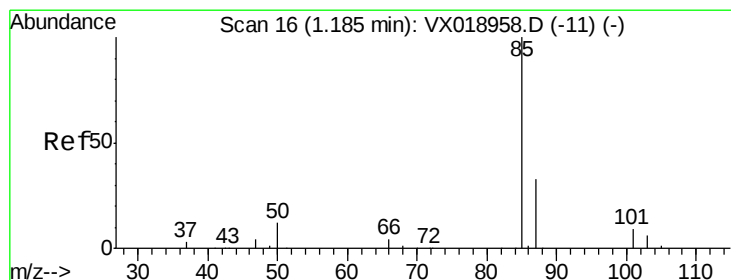
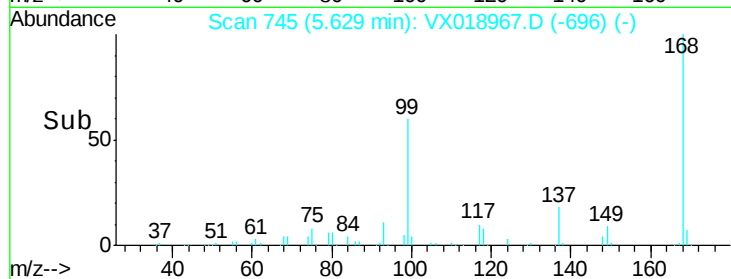
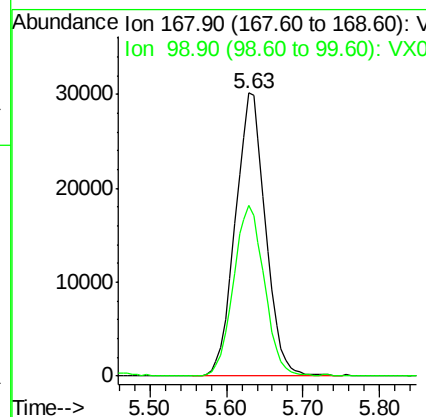
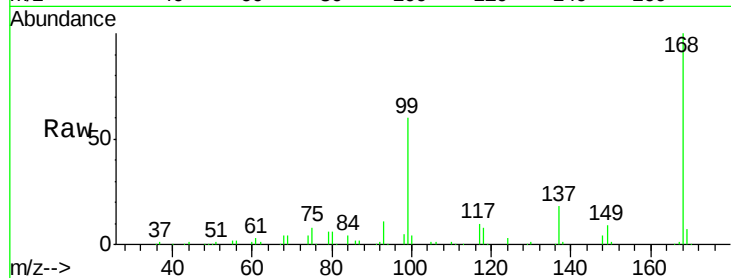
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion:168 Resp: 82355
Ion Ratio Lower Upper
168 100
99 60.2 48.5 72.7

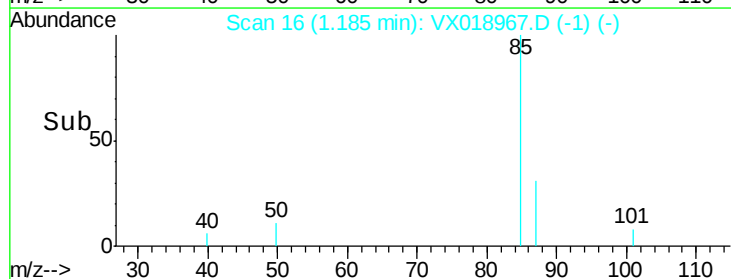
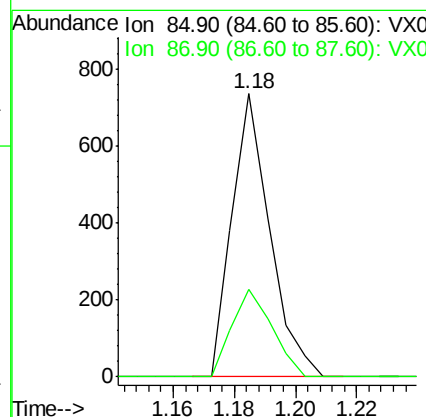
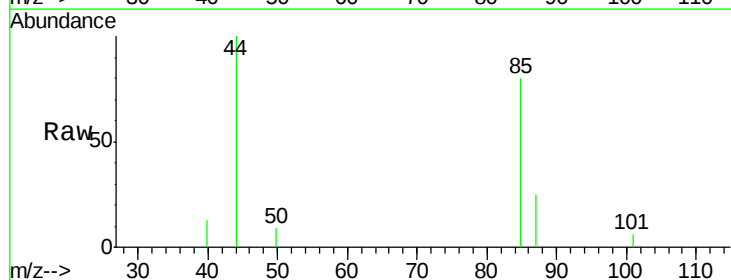
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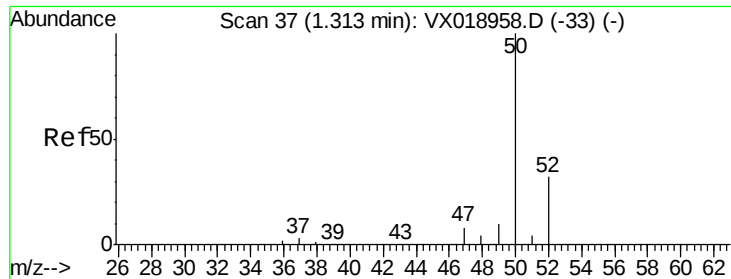
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#2
Dichlorodifluoromethane
Concen: 0.850 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 85 Resp: 629
Ion Ratio Lower Upper
85 100
87 31.1 16.5 49.5





#3

Chloromethane

Concen: 1.059 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 50 Resp: 854

Ion Ratio Lower Upper

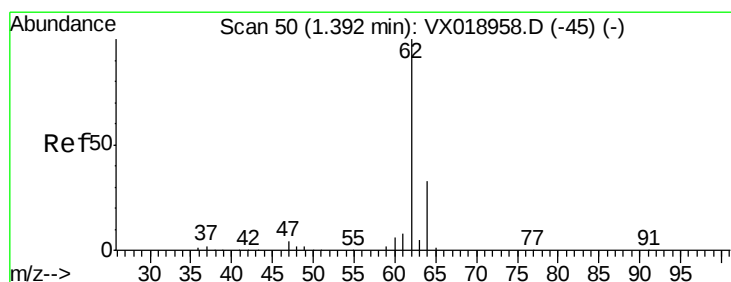
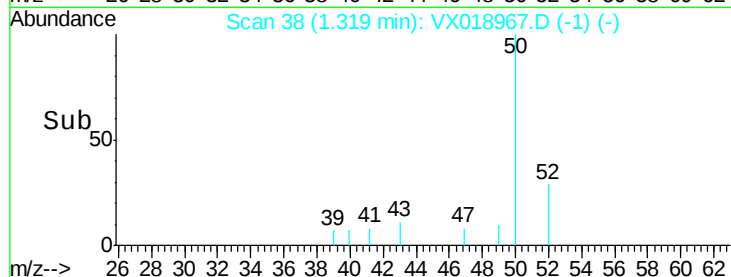
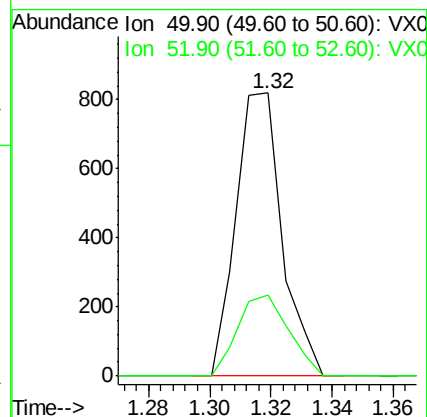
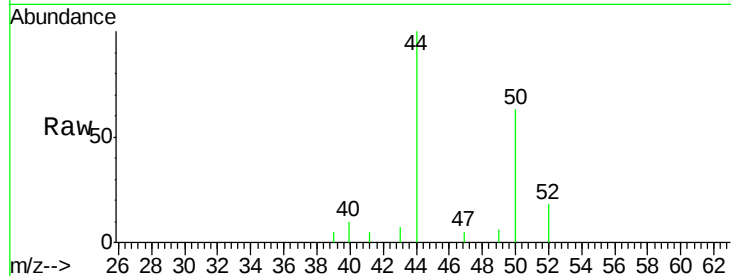
50 100

52 28.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 0.965 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018967.D

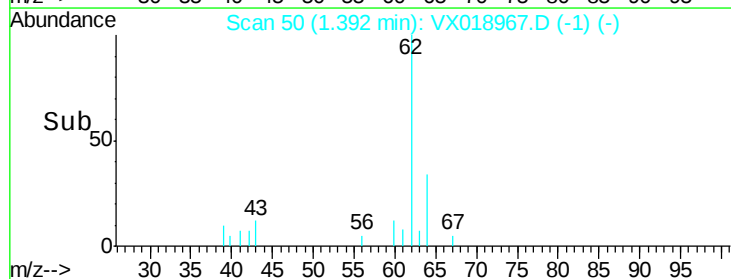
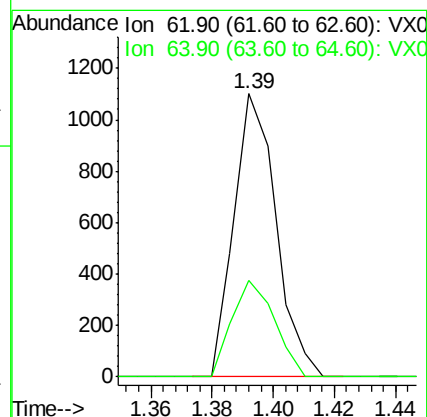
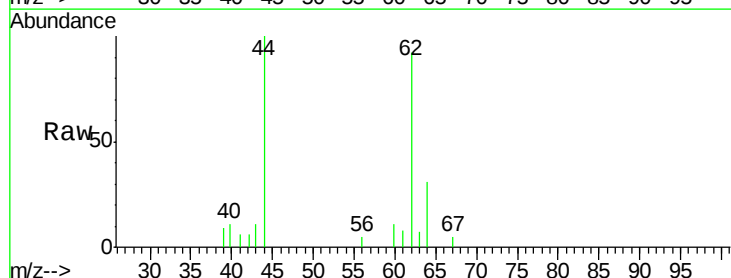
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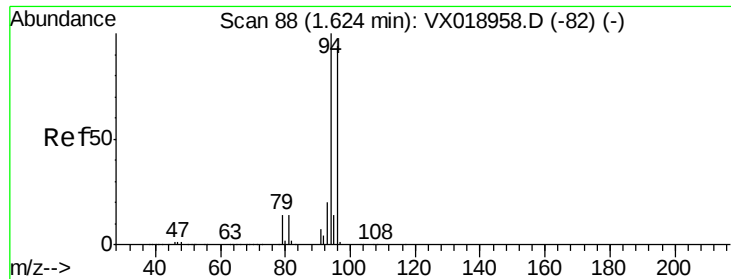
Tgt Ion: 62 Resp: 1043

Ion Ratio Lower Upper

62 100

64 34.2 26.7 40.1





#5

Bromomethane

Concen: 1.514 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 94 Resp: 1364

Ion Ratio Lower Upper

94 100

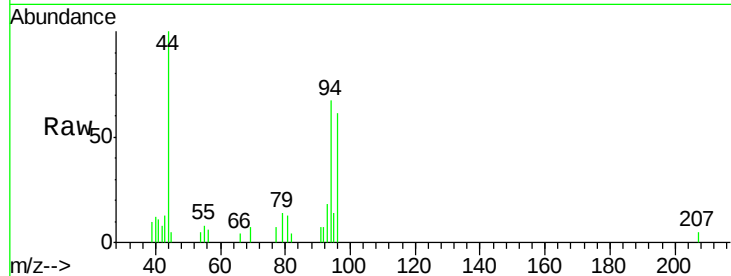
96 91.1 75.2 112.8

Manual Integrations

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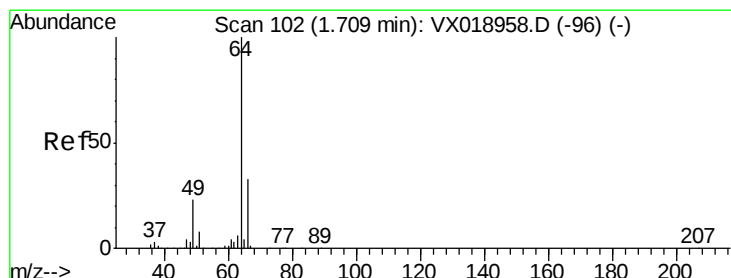
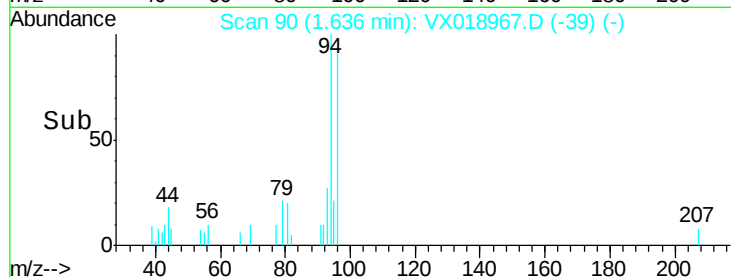
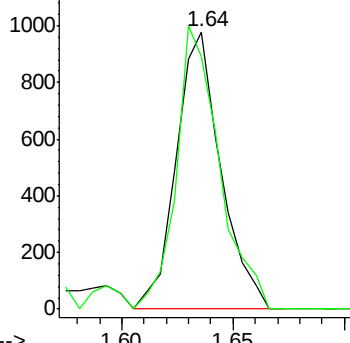
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.074 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018967.D

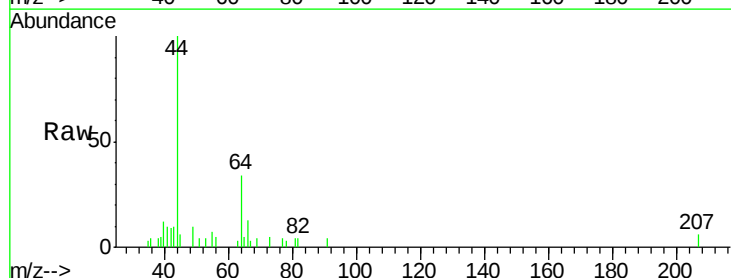
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Tgt Ion: 64 Resp: 838

Ion Ratio Lower Upper

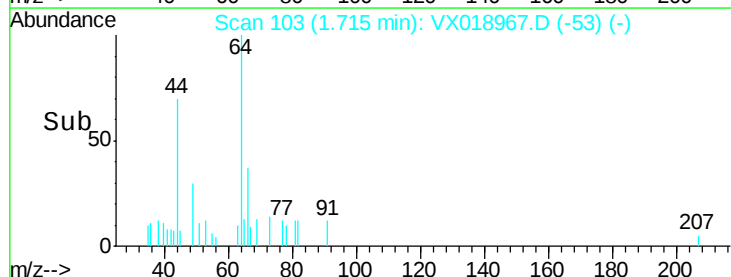
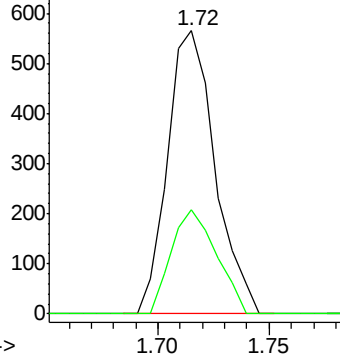
64 100

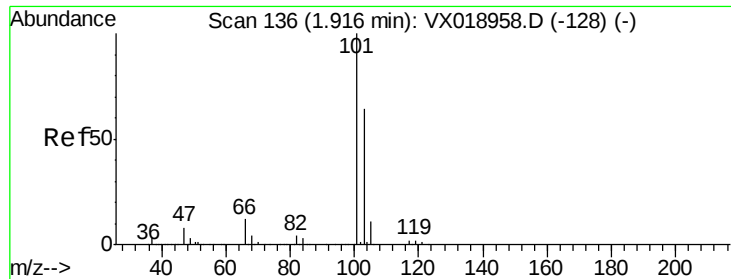
66 36.8 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

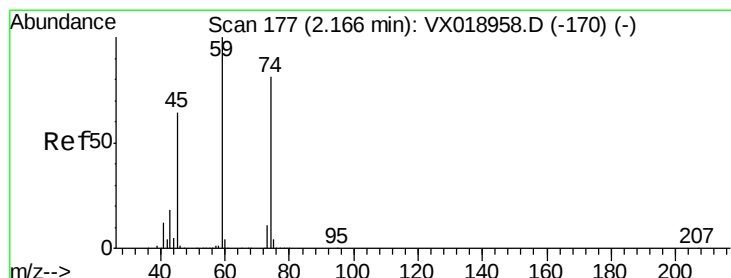
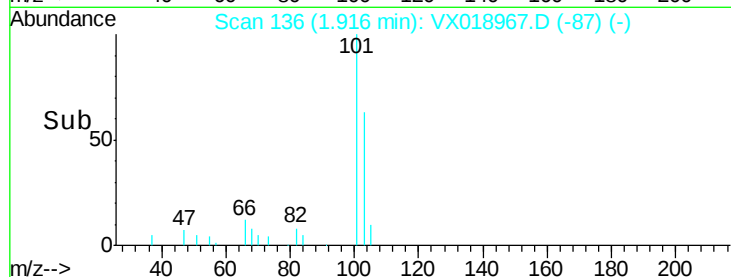
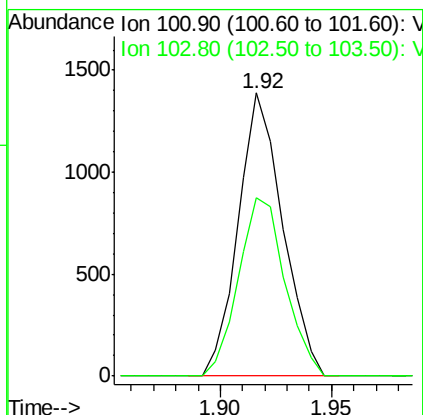
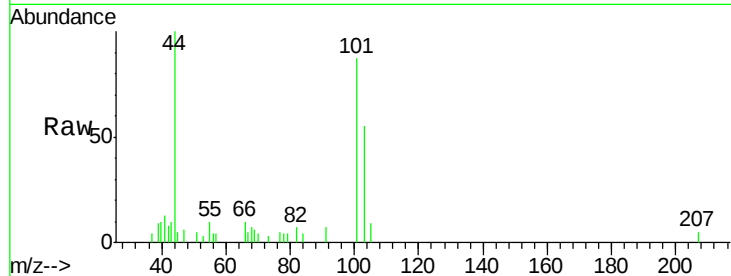
Trichlorofluoromethane
Concen: 1.056 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.3	76.9

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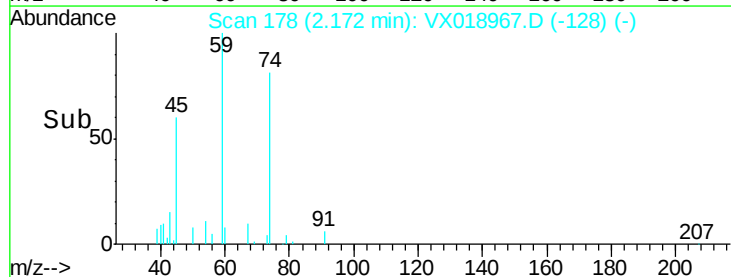
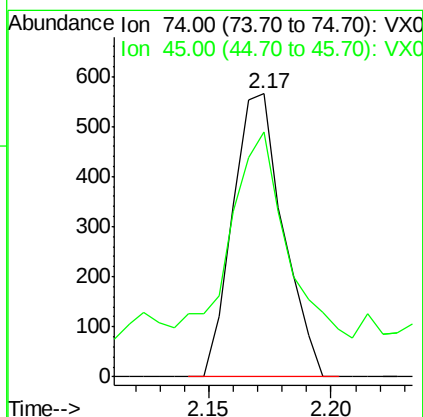
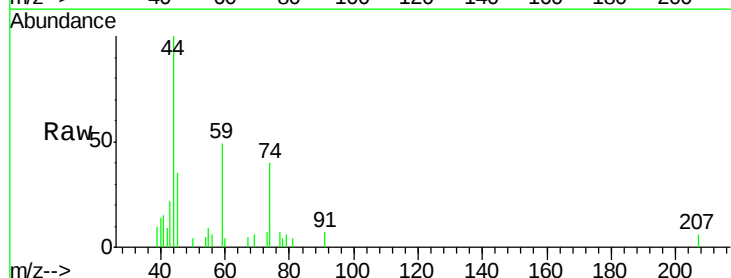
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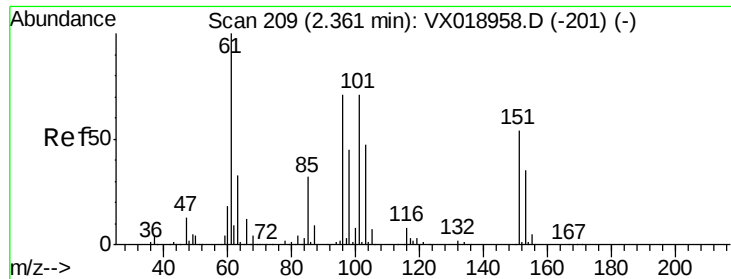


#8

Diethyl Ether
Concen: 1.116 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.2	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.934 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

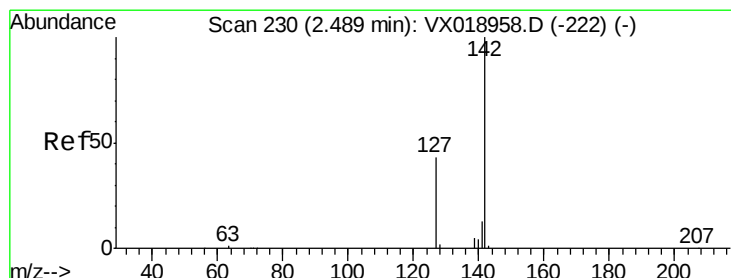
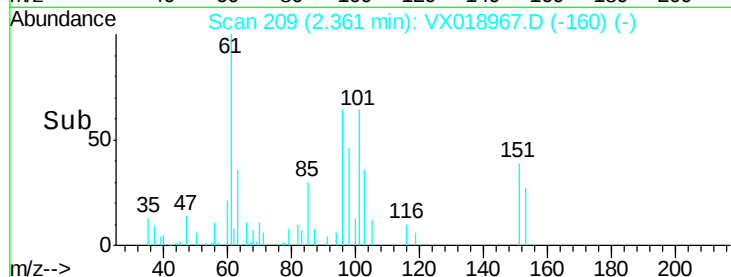
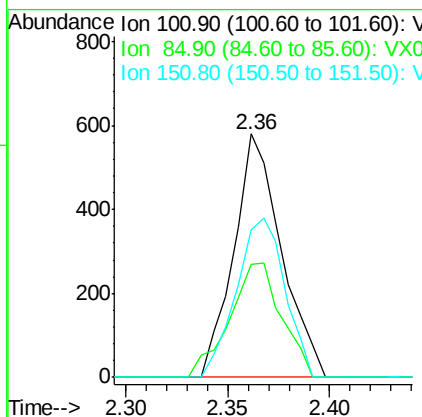
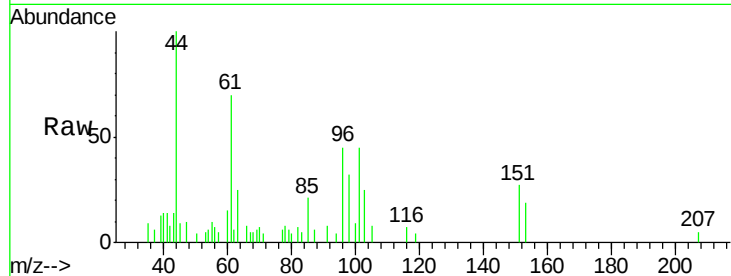
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	101	Resp:	938
Ion Ratio	Lower	Upper	
101	100		
85	51.3	35.1	52.7
151	66.7	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 0.640 ug/l

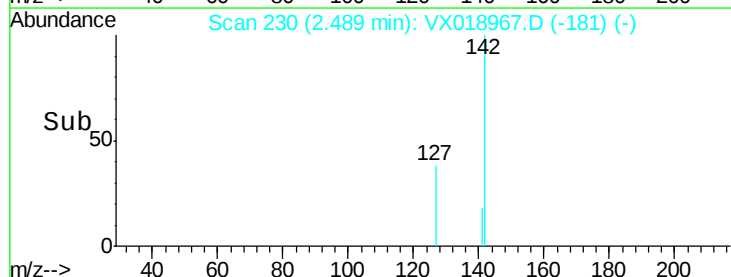
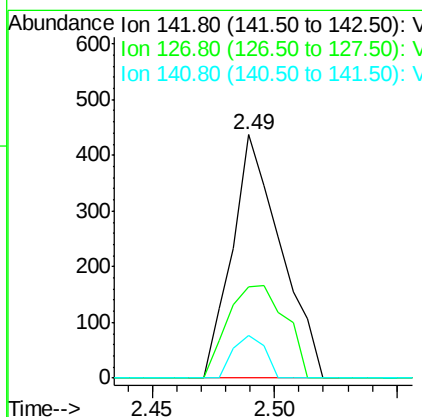
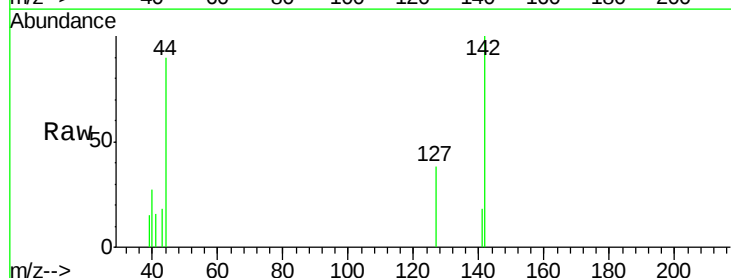
RT: 2.49 min Scan# 230

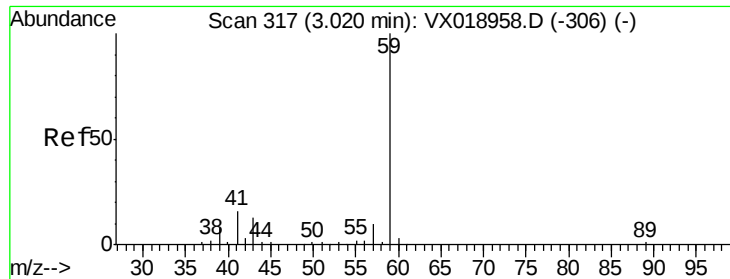
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	142	Resp:	605
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.9	53.9
141	11.4	11.6	17.4#





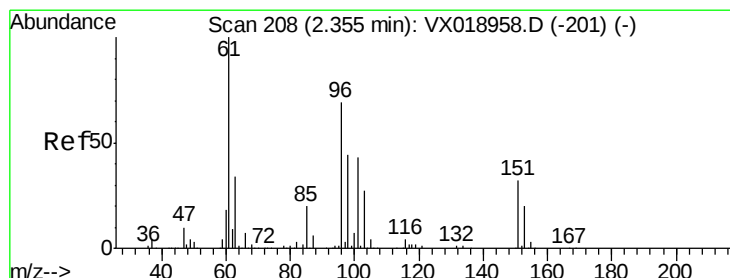
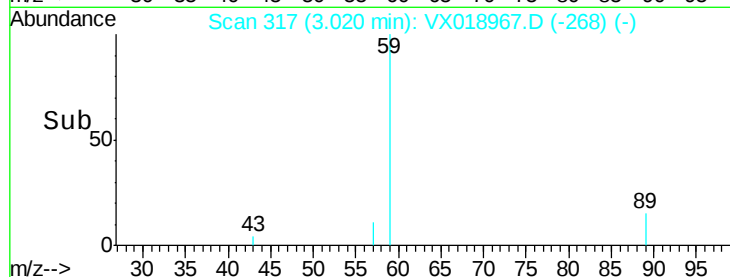
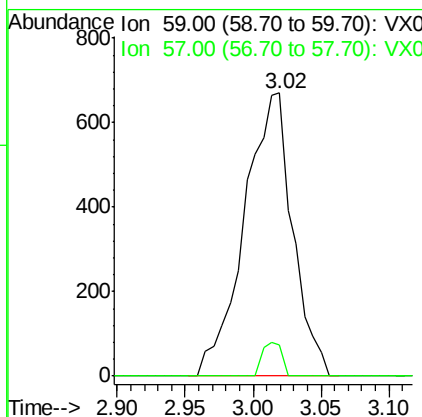
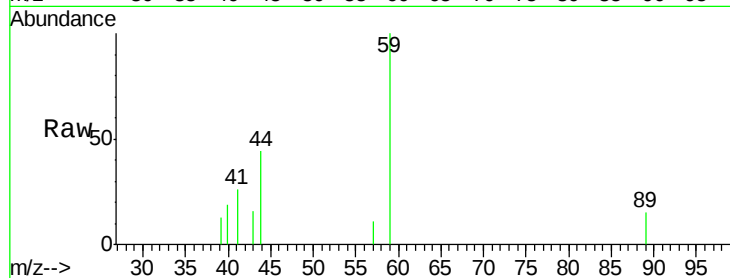
#11
Tert butyl alcohol
Concen: 6.809 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 59 Resp: 1668
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1#

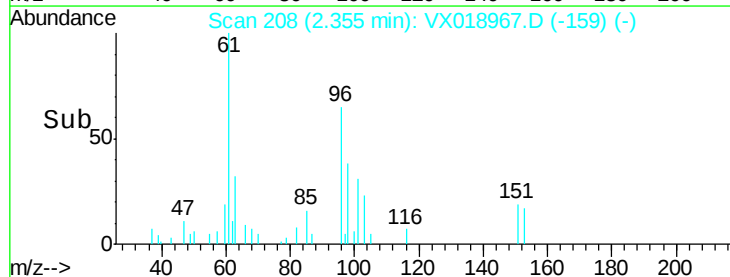
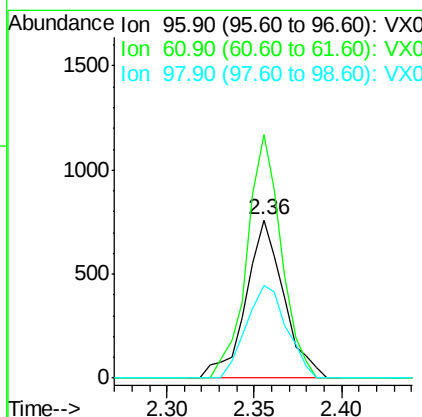
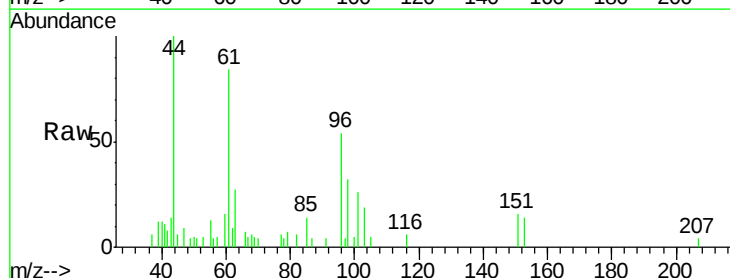
Manual Integrations
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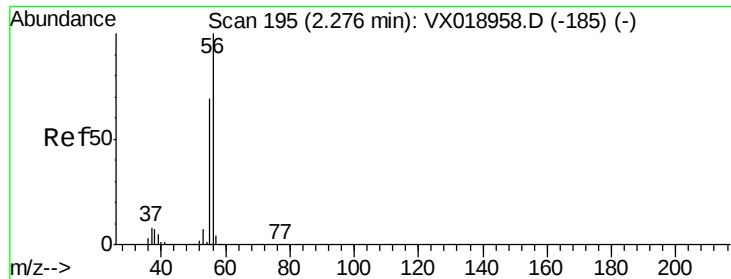
MMDadoda
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#12
1,1-Dichloroethene
Concen: 1.066 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 96 Resp: 1143
Ion Ratio Lower Upper
96 100
61 154.2 116.2 174.2
98 59.0 50.9 76.3





#13

Acrolein

Concen: 7.813 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 1260

Ion Ratio Lower Upper

56 100

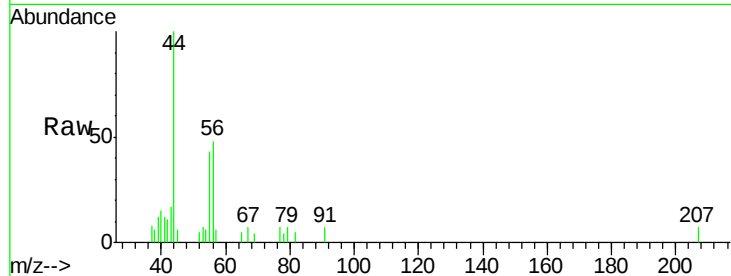
55 50.9 56.2 84.2#

Manual Integrations

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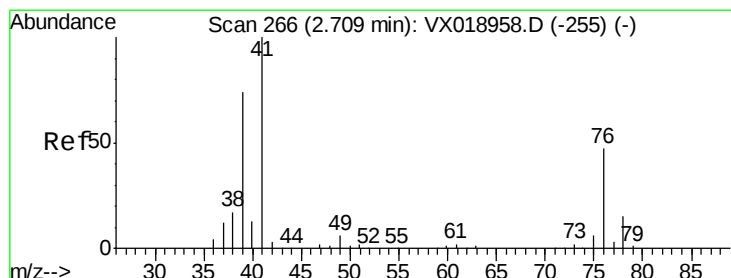
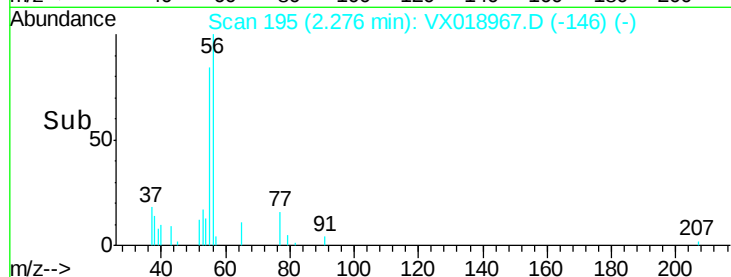
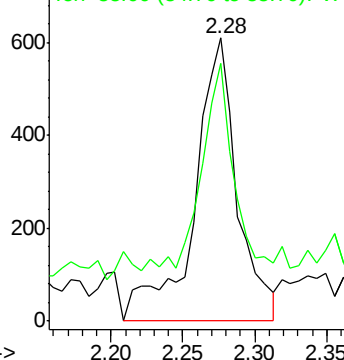
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.121 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

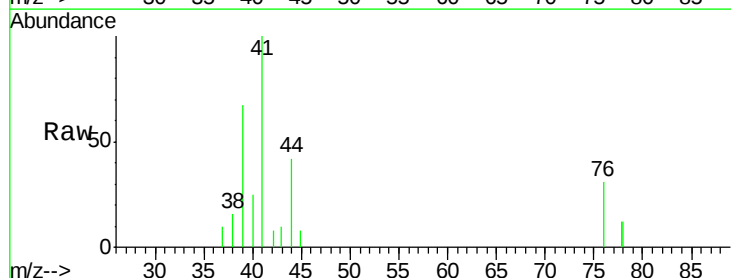
Tgt Ion: 41 Resp: 1451

Ion Ratio Lower Upper

41 100

39 68.2 55.4 83.2

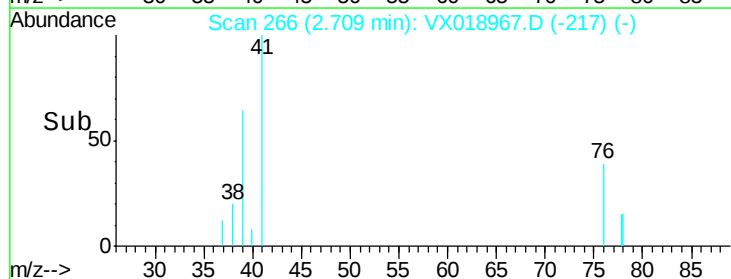
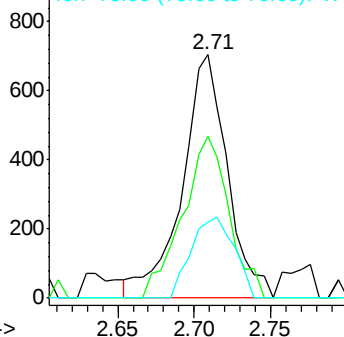
76 31.6 34.1 51.1#

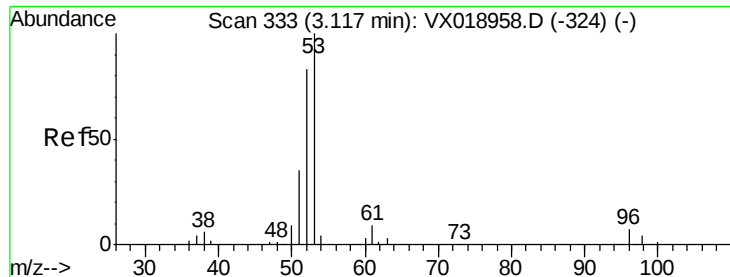


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.048 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

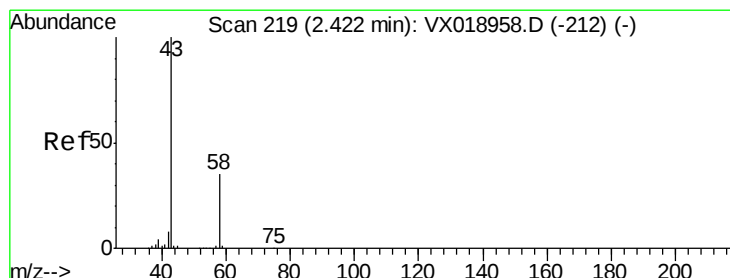
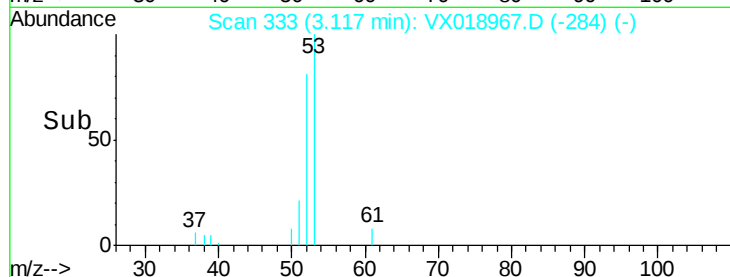
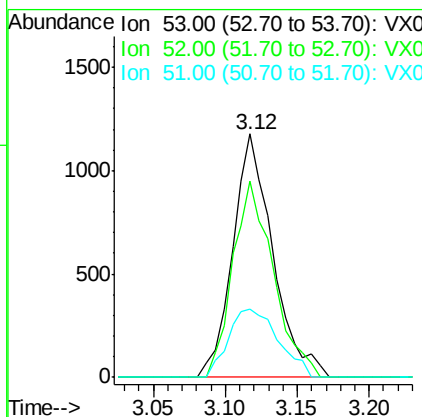
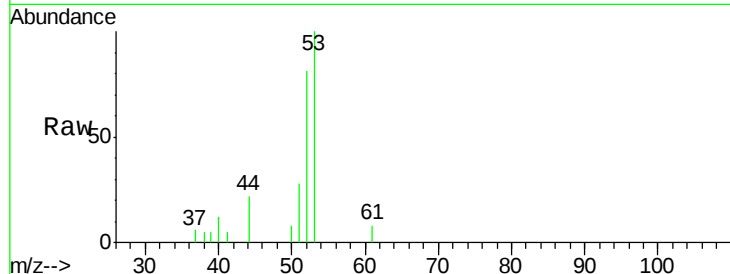
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	53	Resp:	2278
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	34.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 5.269 ug/l

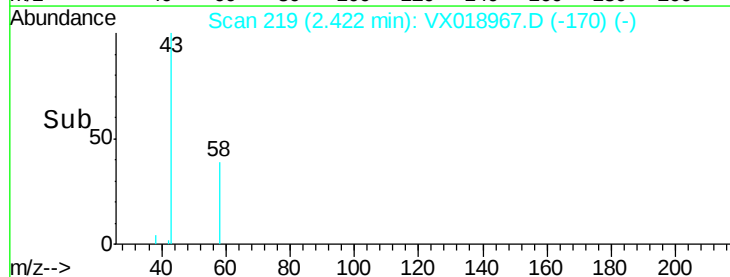
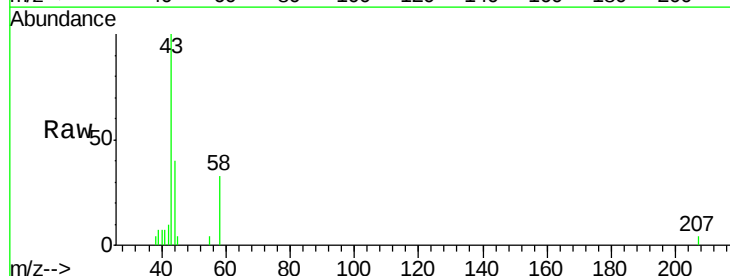
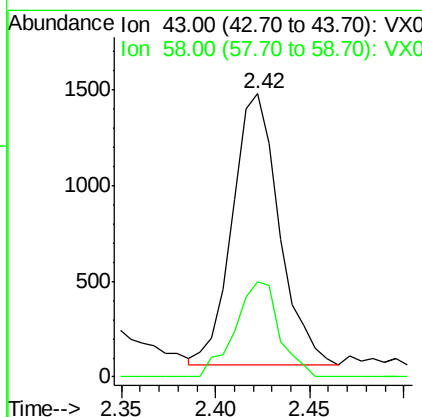
RT: 2.42 min Scan# 219

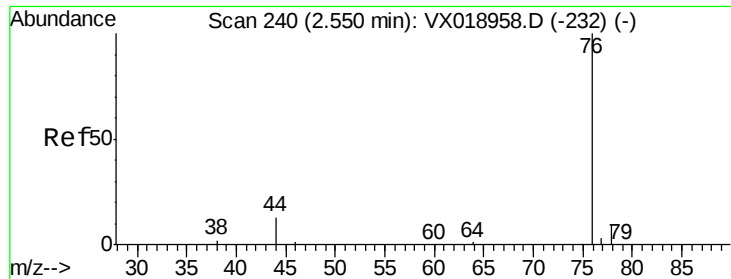
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	43	Resp:	2435
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.8





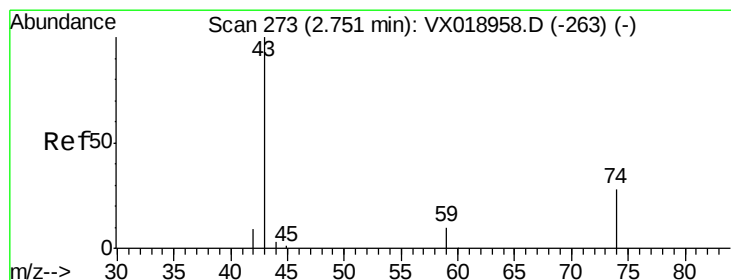
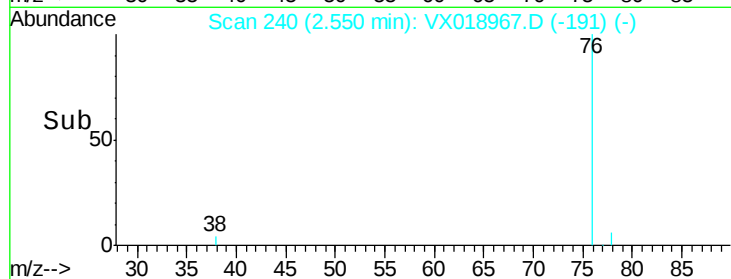
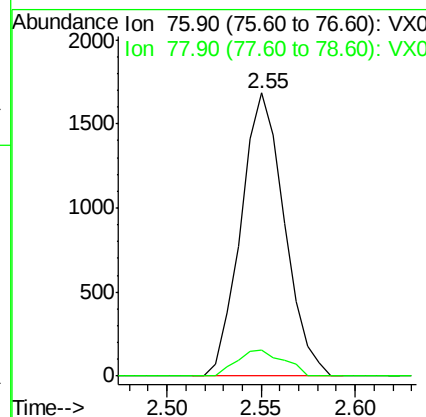
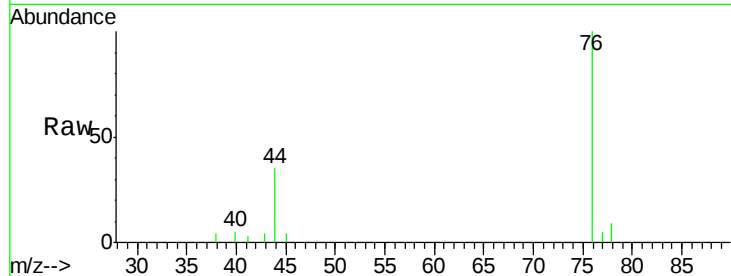
#17
Carbon Disulfide
Concen: 1.106 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 76 Resp: 2695
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

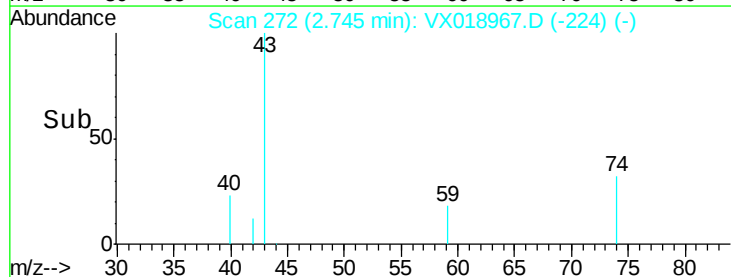
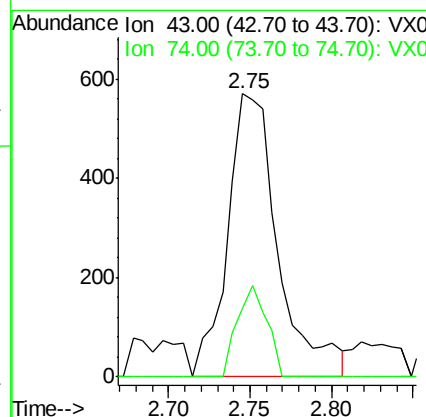
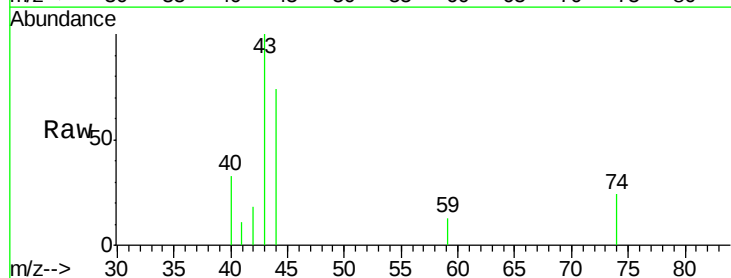
Manual Integrations
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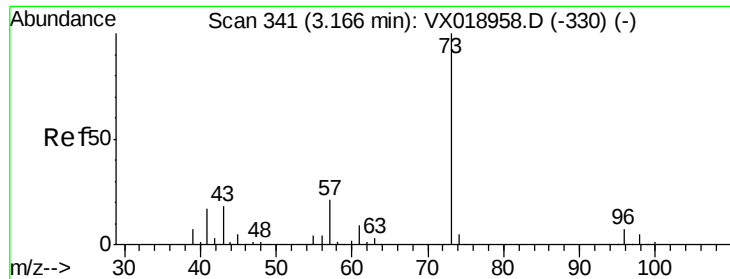
MMDadoda
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#18
Methyl Acetate
Concen: 1.200 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
74 18.8 23.0 34.6#





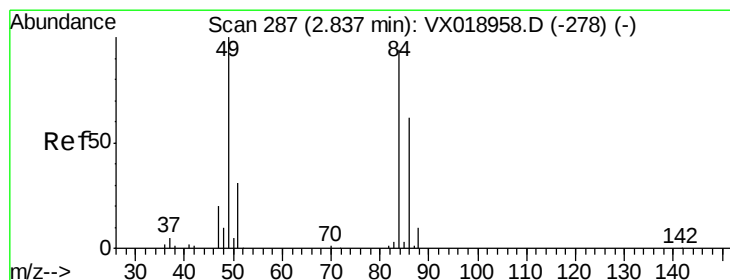
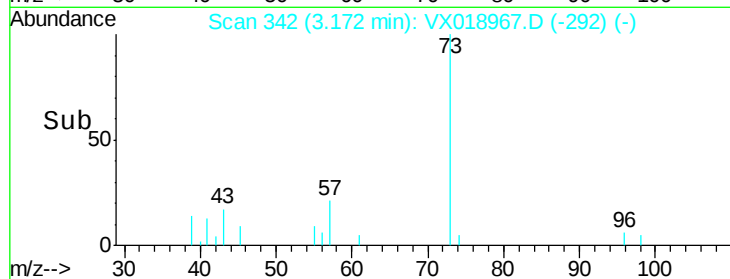
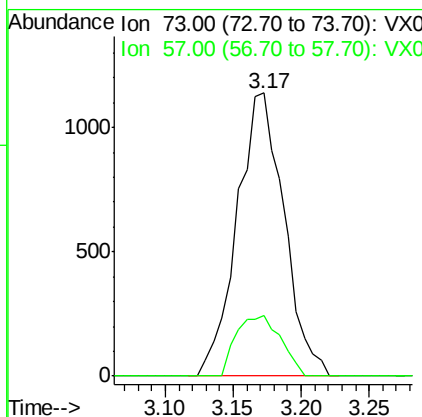
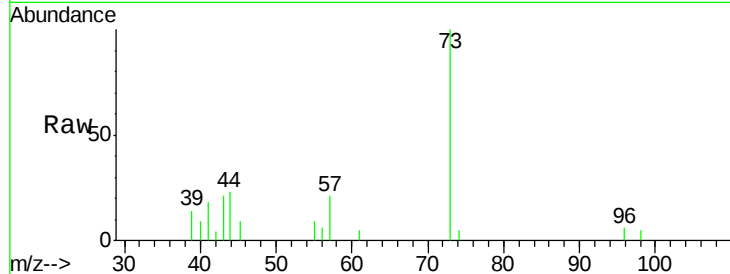
#19
Methvl tert-butvl Ether
Concen: 0.995 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 73 Resp: 2749
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0

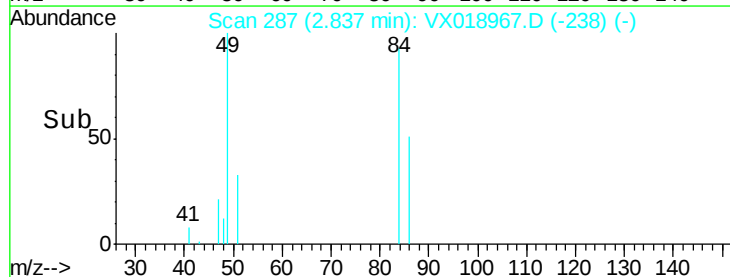
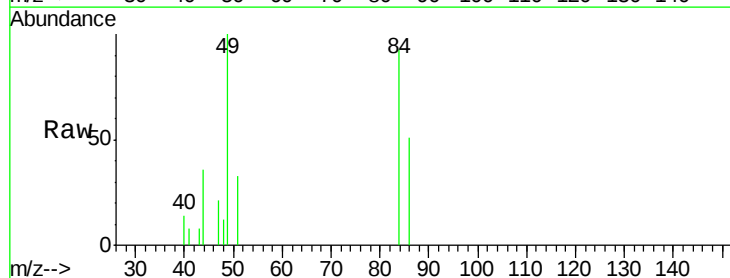
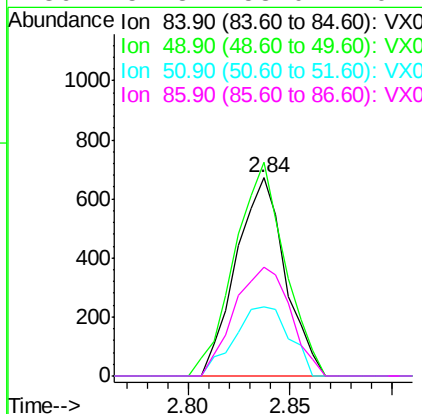
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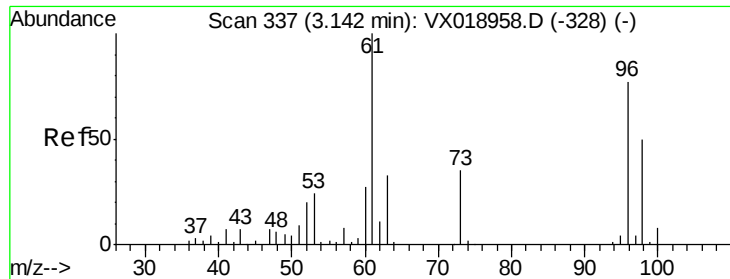
MMDadoda
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#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 84 Resp: 1125
Ion Ratio Lower Upper
84 100
49 107.7 85.1 127.7
51 35.1 26.0 39.0
86 54.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 0.966 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

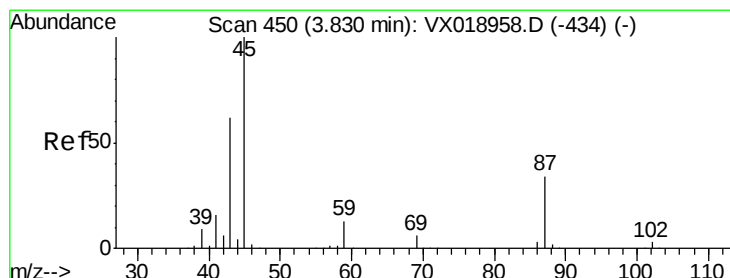
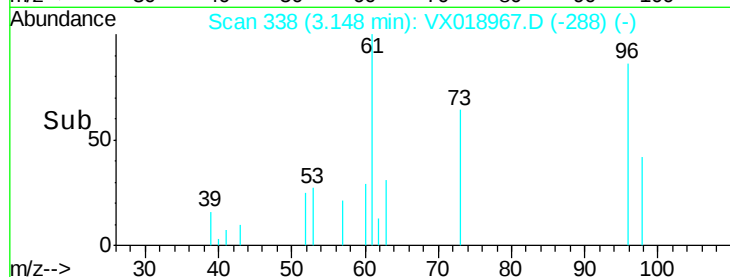
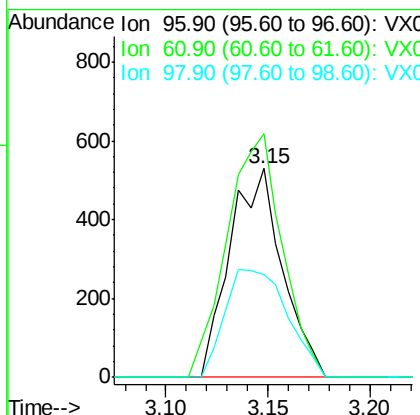
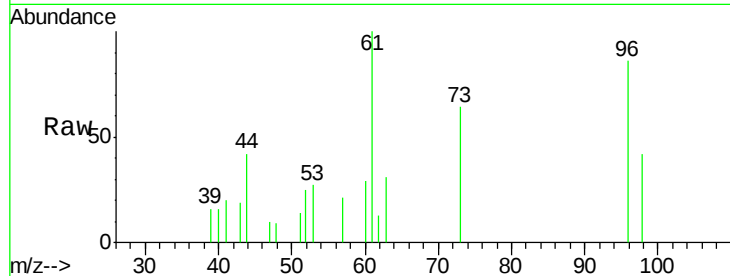
Instrument :
MSVOA_X

ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.8	103.4	155.0
98	49.3	51.7	77.5#

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.953 ug/l

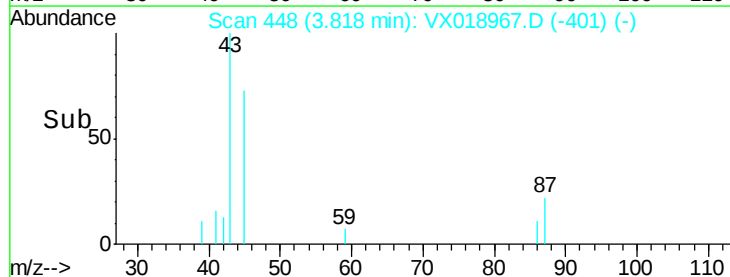
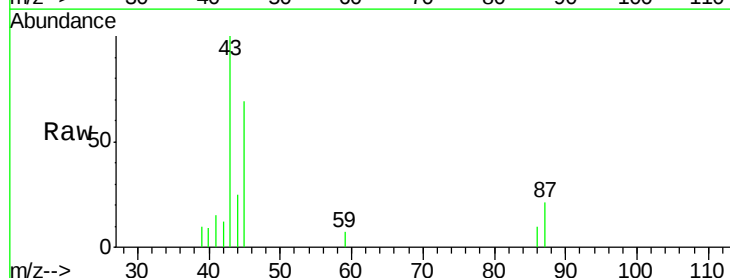
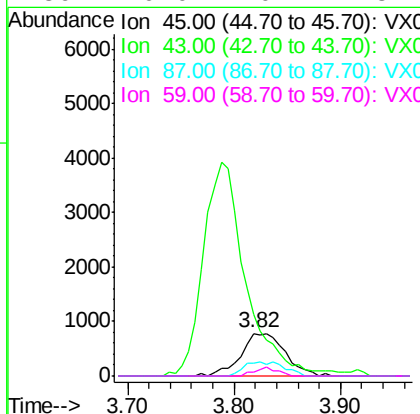
RT: 3.82 min Scan# 448

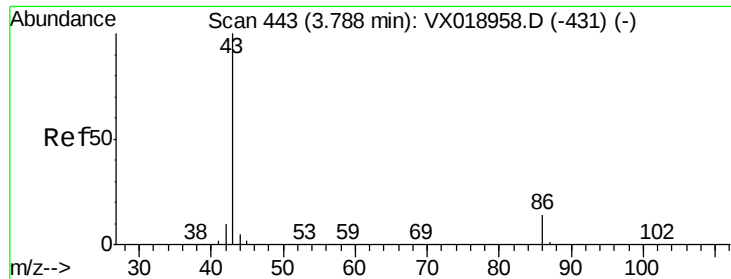
Delta R.T. -0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	136.1	49.7	74.5#
87	30.6	27.4	41.2
59	10.0	10.1	15.1#





#23

Vinyl Acetate

Concen: 4.697 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 10855

Ion Ratio Lower Upper

43 100

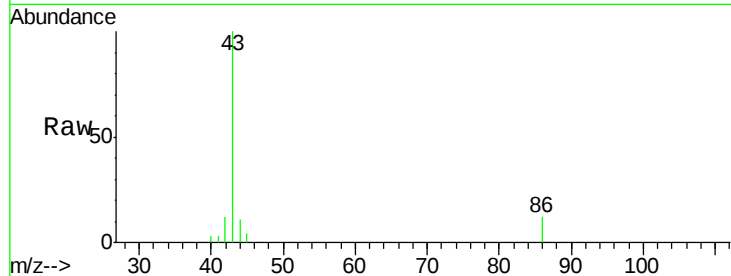
86 12.4 10.9 16.3

Manual Integrations

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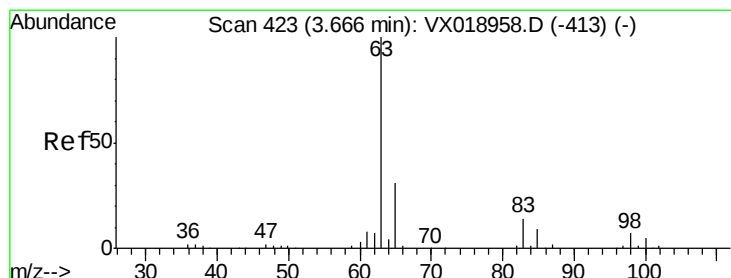
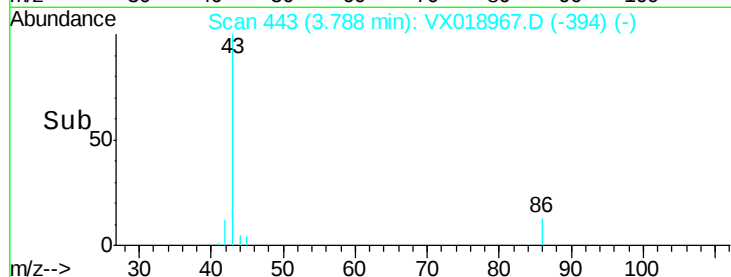
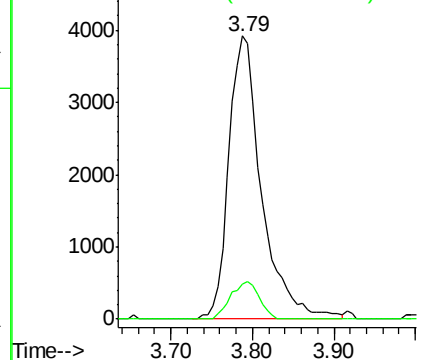
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.937 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

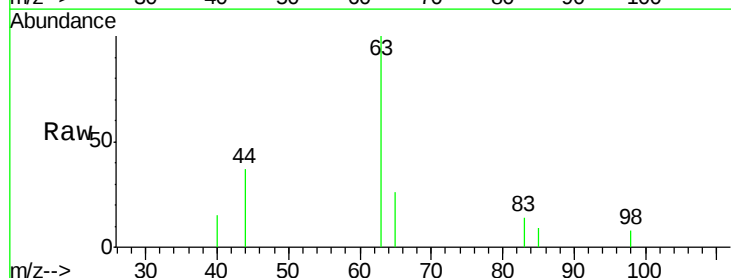
Tgt Ion: 63 Resp: 1538

Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.9

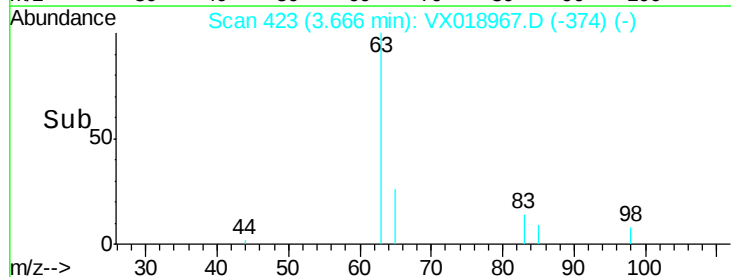
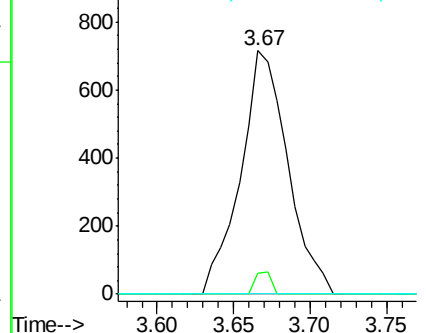
100 0.0 2.4 7.1#

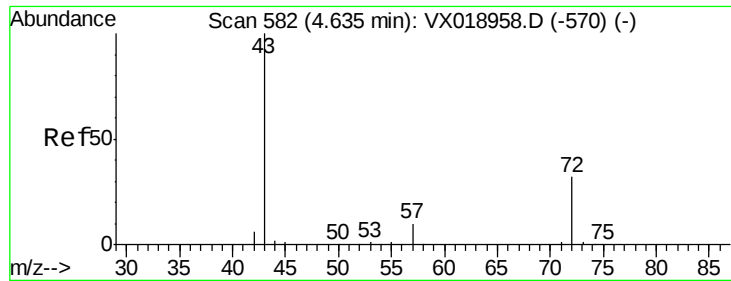


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.430 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 3610

Ion Ratio Lower Upper

43 100

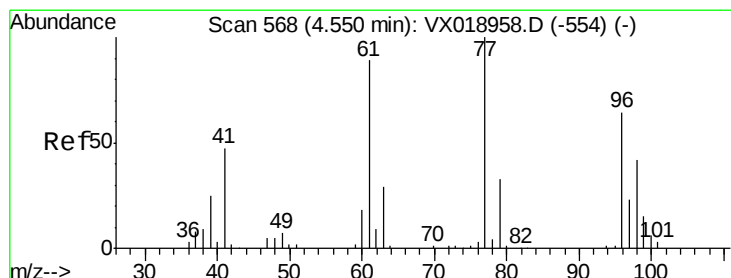
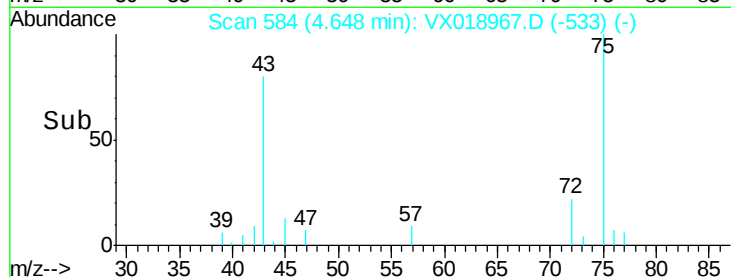
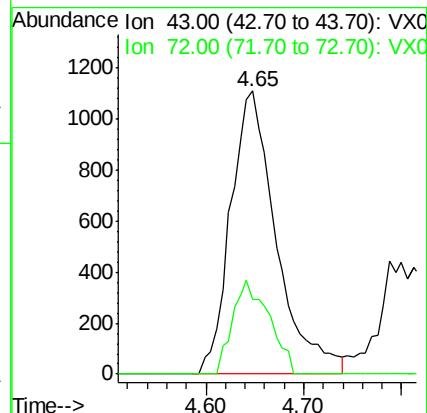
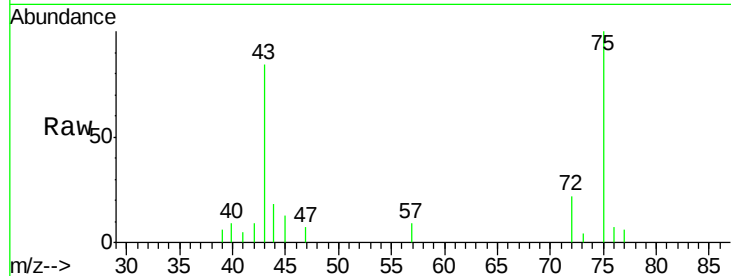
72 26.5 25.8 38.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.916 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018967.D

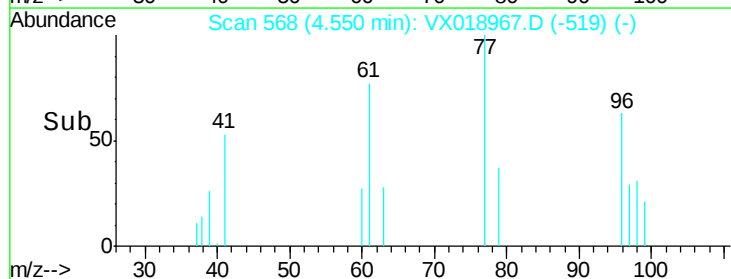
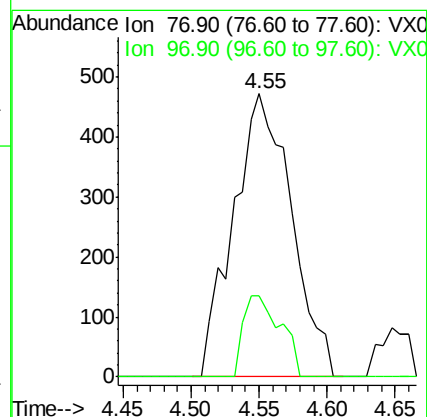
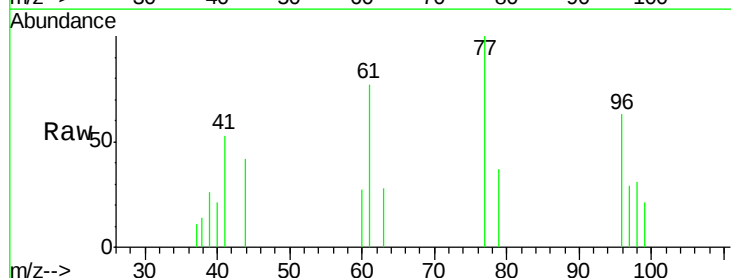
Acq: 19 Oct 2020 21:46

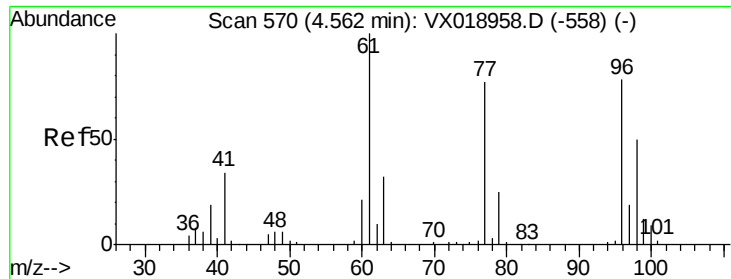
Tgt Ion: 77 Resp: 1408

Ion Ratio Lower Upper

77 100

97 18.4 11.6 34.8





#27

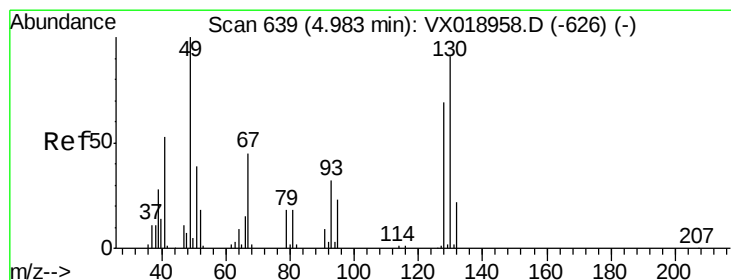
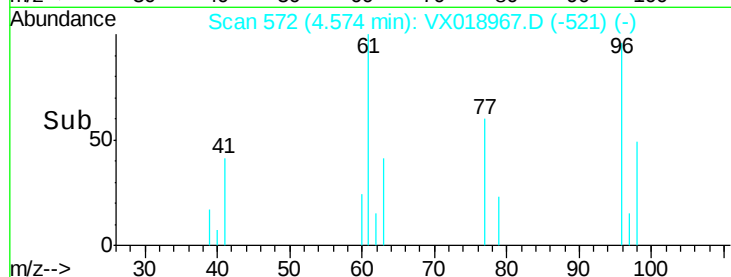
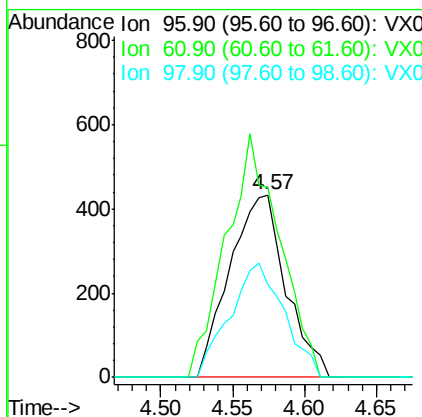
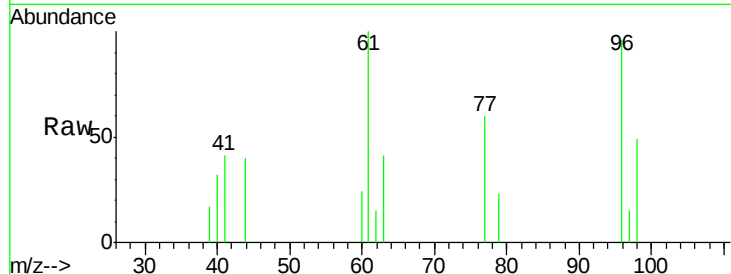
cis-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	265.2
98	60.2	0.0	128.4

Manual Integrations
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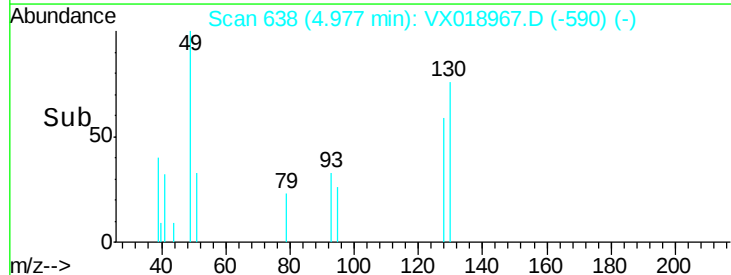
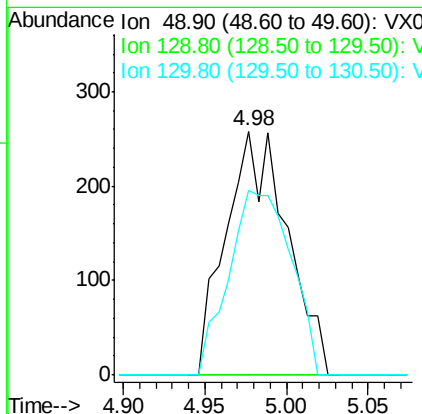
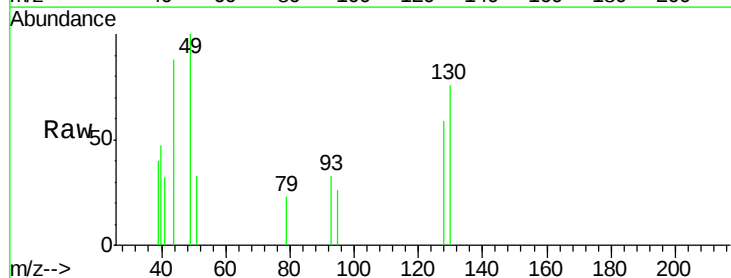
MMDadoda
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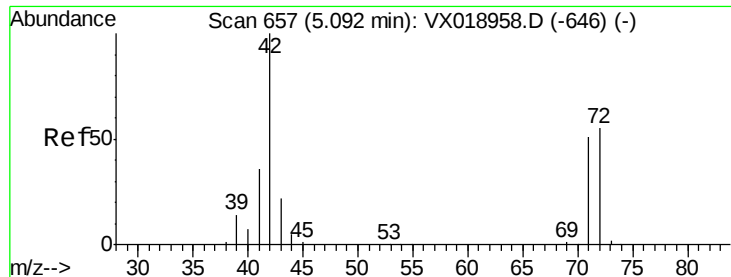


#28

Bromochloromethane
Concen: 0.971 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	77.2	72.0	108.0





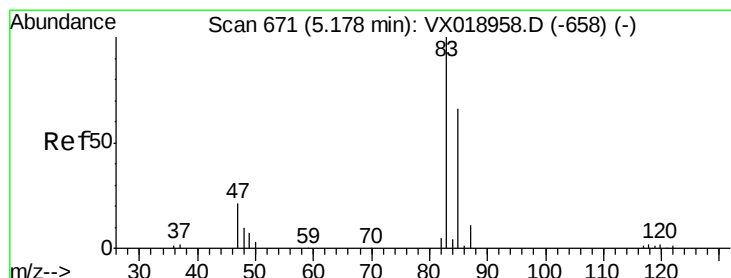
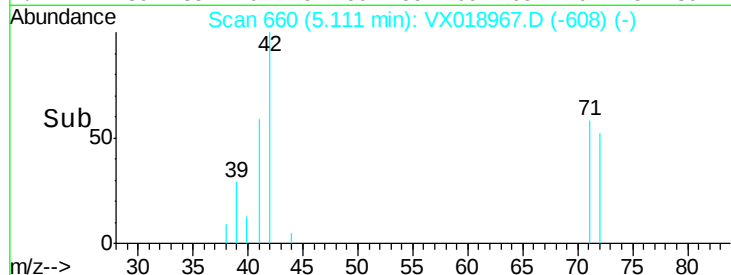
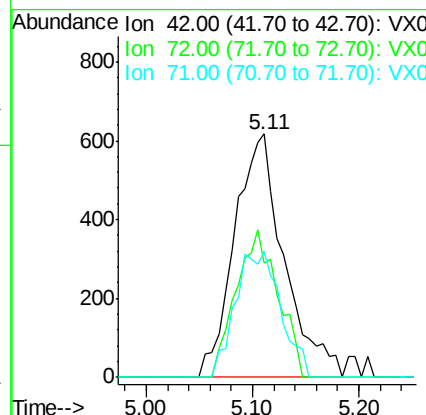
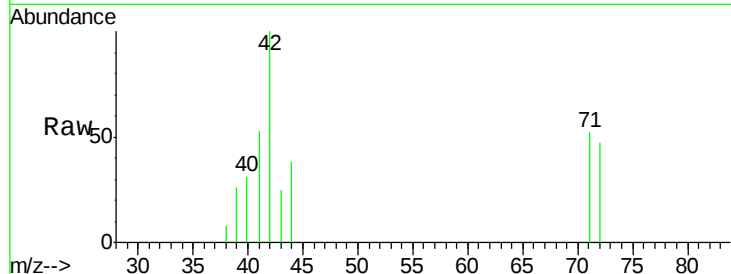
#29
Tetrahydrofuran
Concen: 5.150 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	44.9	67.3
71	47.3	41.0	61.6

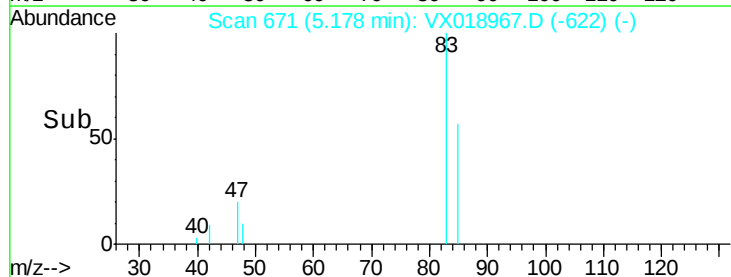
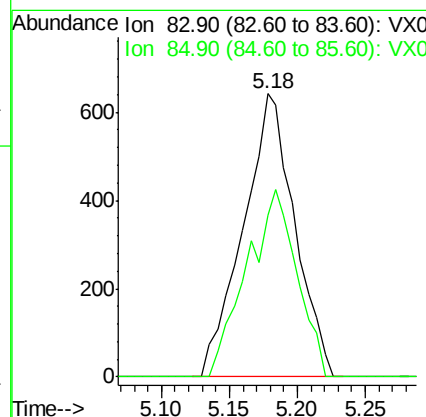
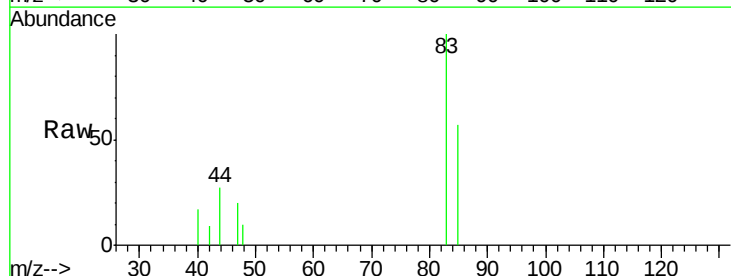
Manual Integrations
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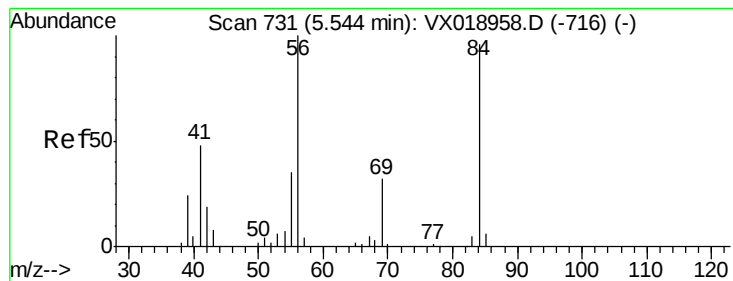
MMDadoda
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#30
Chloroform
Concen: 0.957 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.0	52.6	78.8





#31

Cyclohexane

Concen: 1.020 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

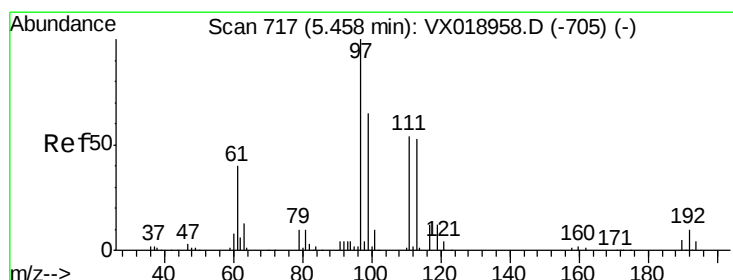
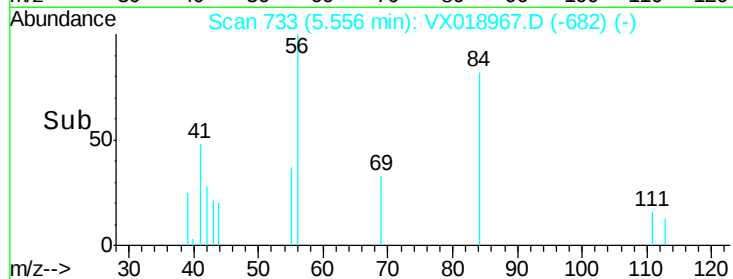
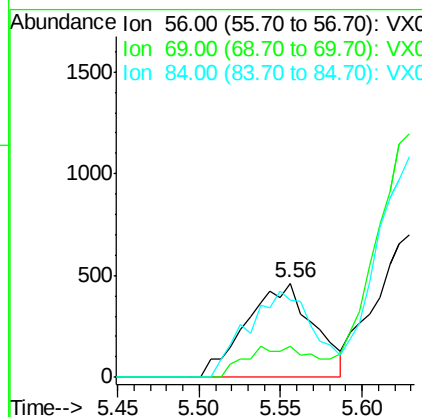
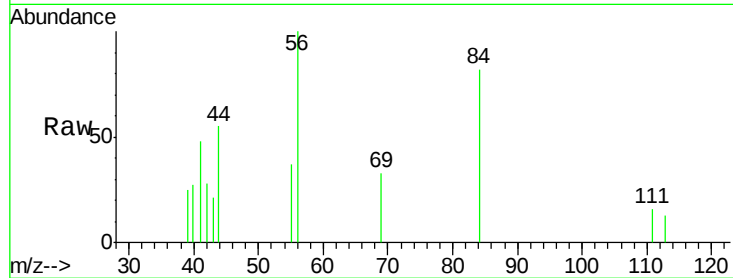
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	56	Resp:	1323
Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.0
84	82.2	75.4	113.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.929 ug/l

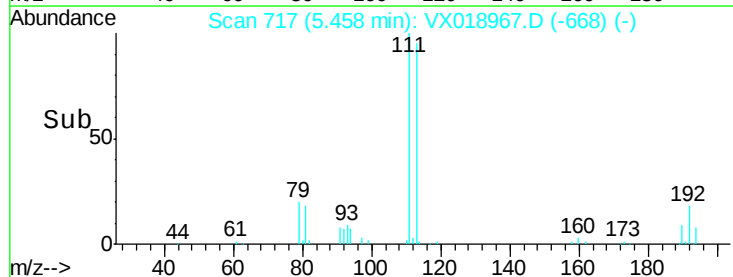
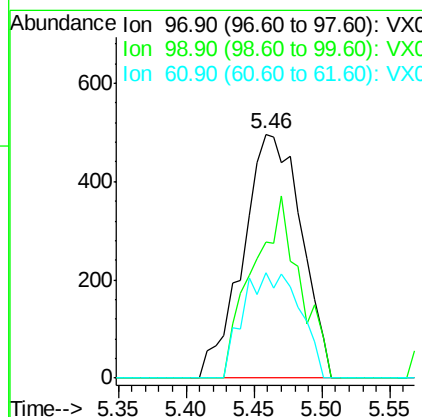
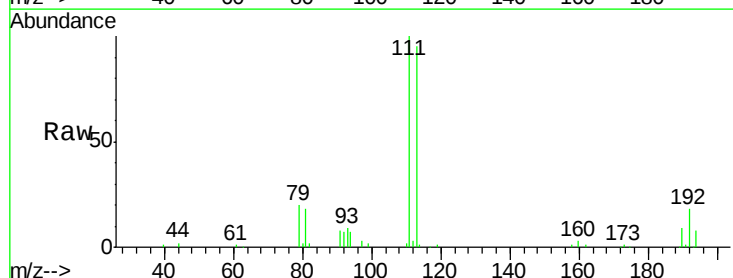
RT: 5.46 min Scan# 717

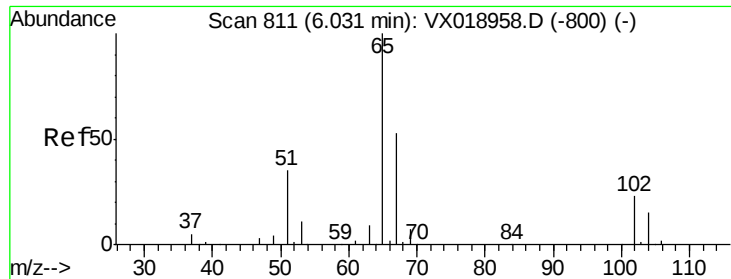
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	97	Resp:	1489
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.5	75.7#
61	42.0	32.3	48.5





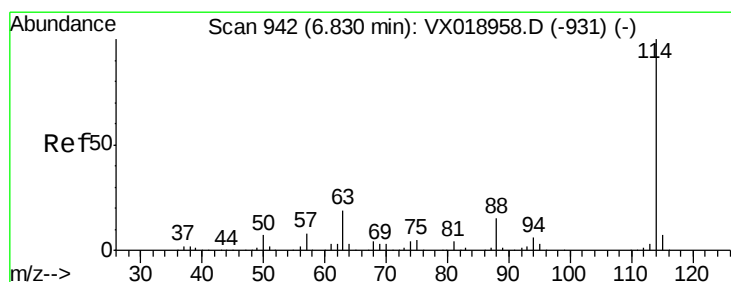
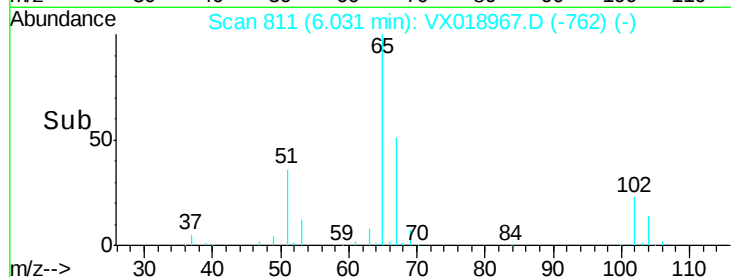
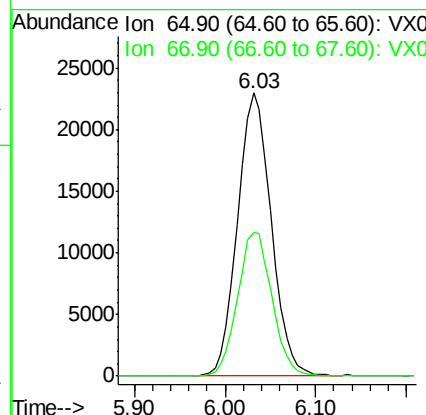
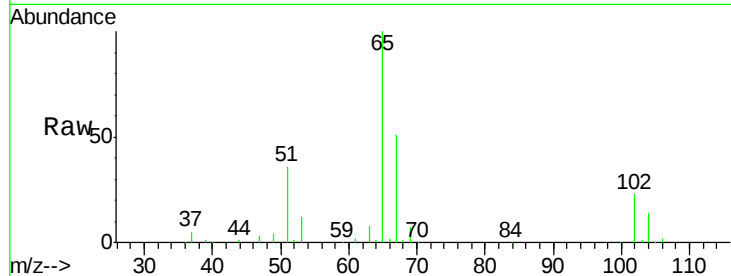
#33
 1,2-Dichloroethane-d4
 Concen: 56.431 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	59366		
67	51.8		0.0	105.6

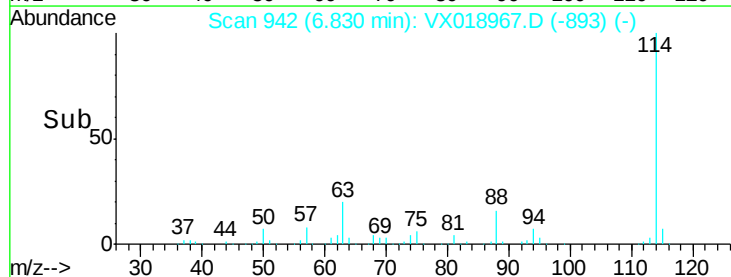
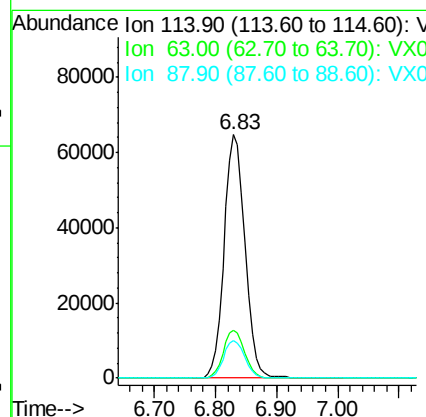
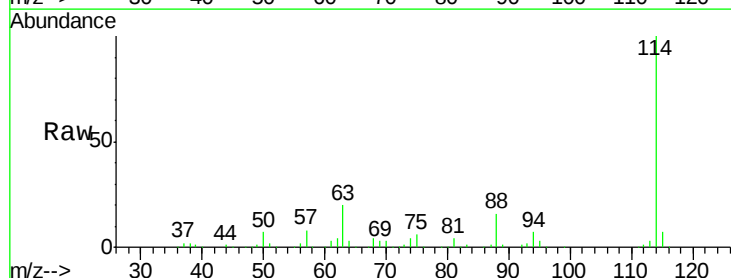
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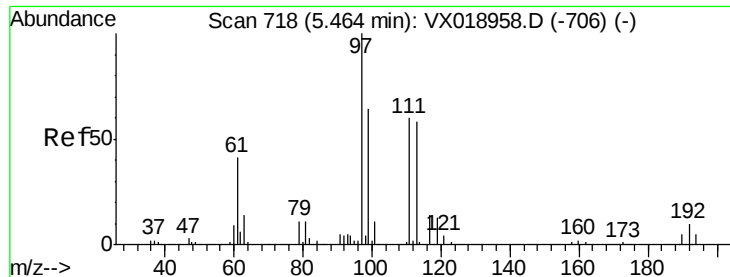
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	153724		
63	19.9		0.0	38.0
88	15.6		0.0	30.8





#35

Dibromofluoromethane

Concen: 48.904 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

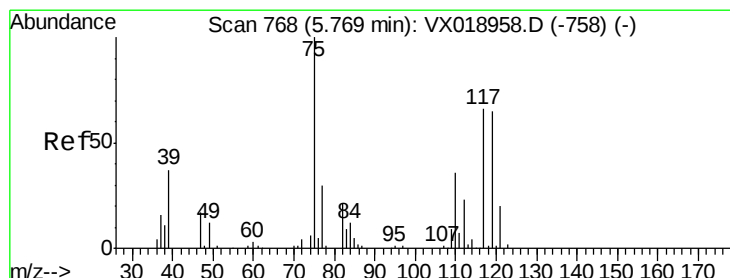
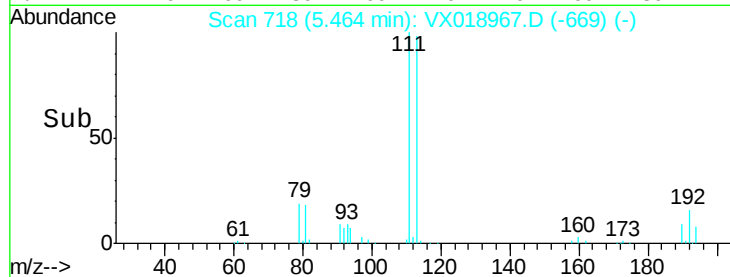
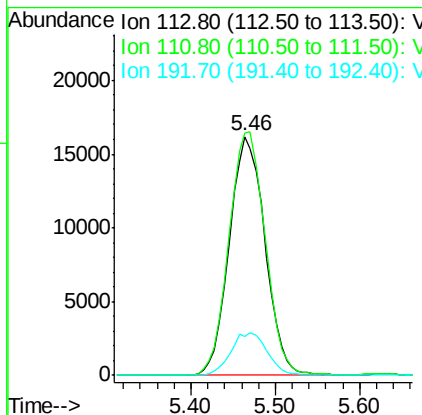
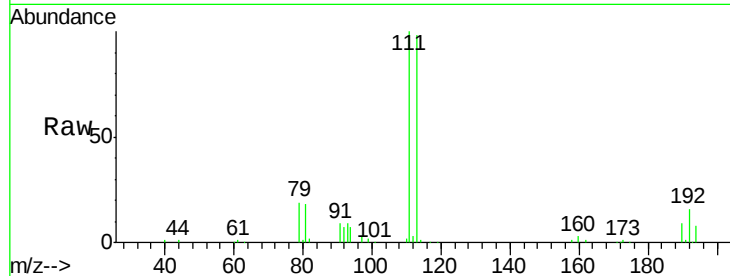
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	113	Resp:	46560
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.8	121.2
192	18.1	14.5	21.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 0.965 ug/l

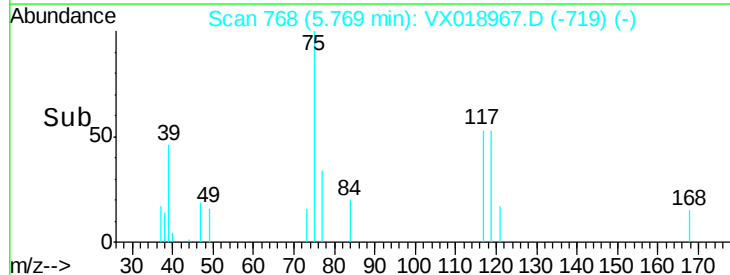
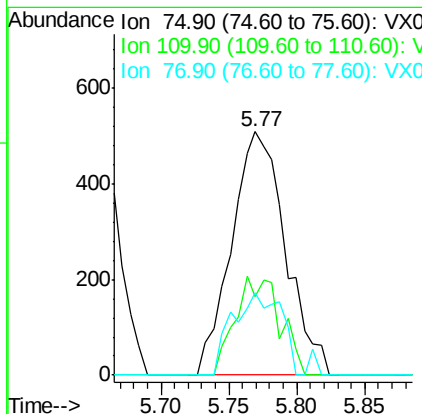
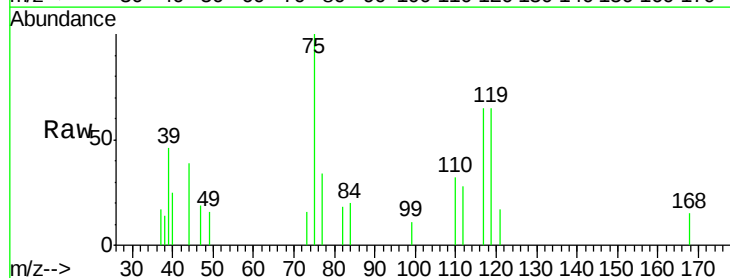
RT: 5.77 min Scan# 768

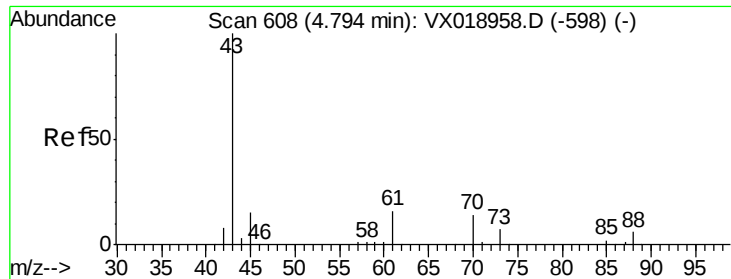
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	75	Resp:	1411
Ion	Ratio	Lower	Upper
75	100		
110	33.5	18.3	54.8
77	30.7	25.0	37.4





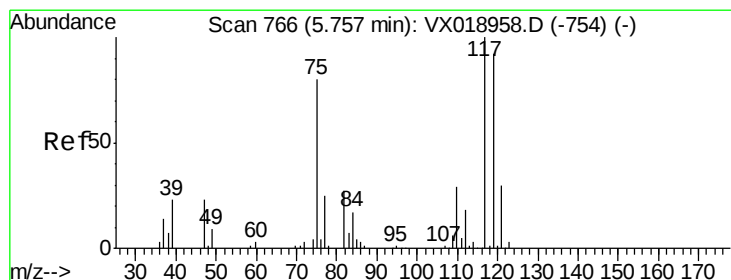
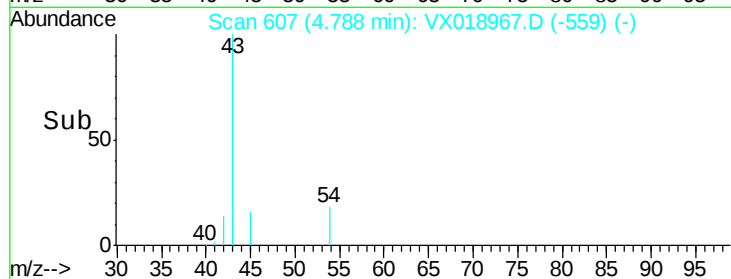
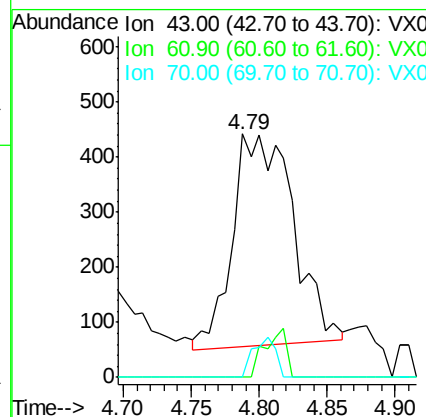
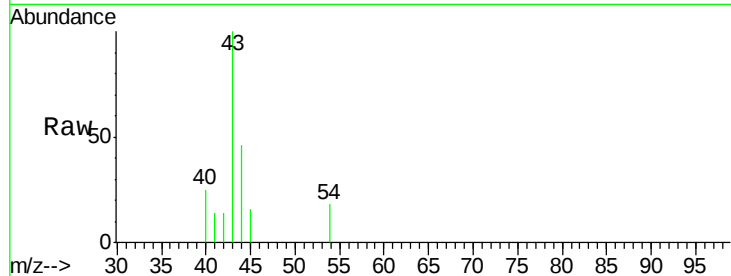
#37
Ethyl Acetate
Concen: 0.826 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.7	19.1#
70	0.0	10.6	15.8#

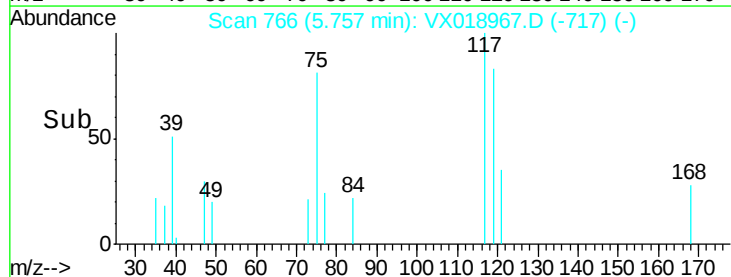
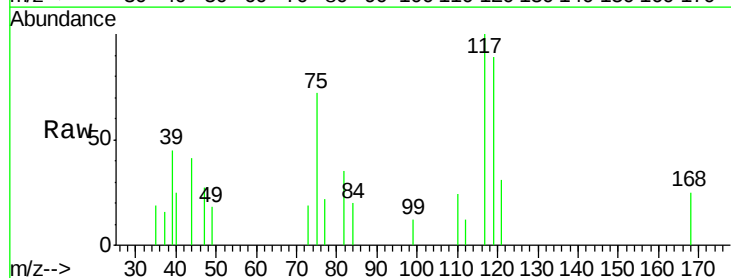
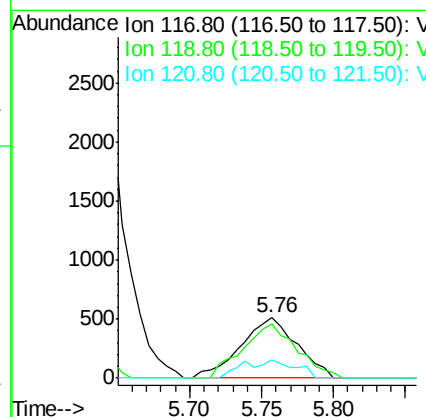
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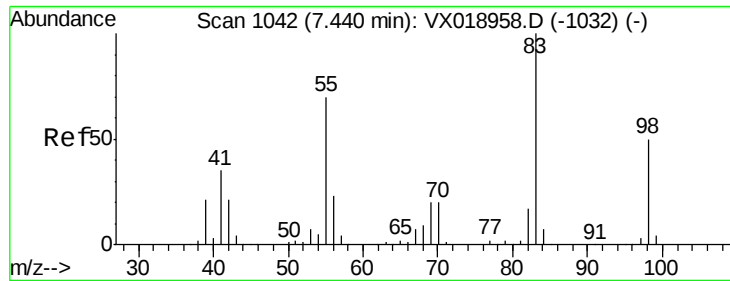
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#38
Carbon Tetrachloride
Concen: 0.917 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	73.2	109.8
121	31.5	23.5	35.3





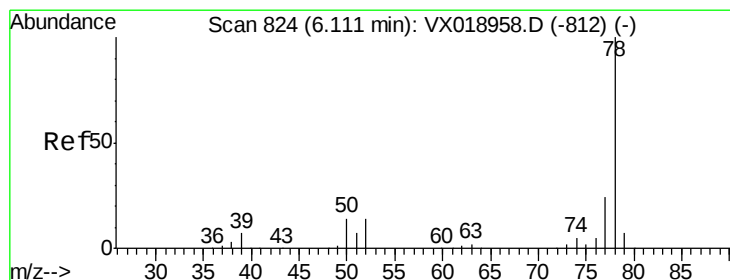
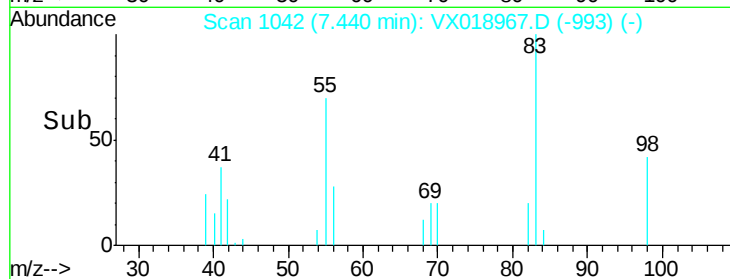
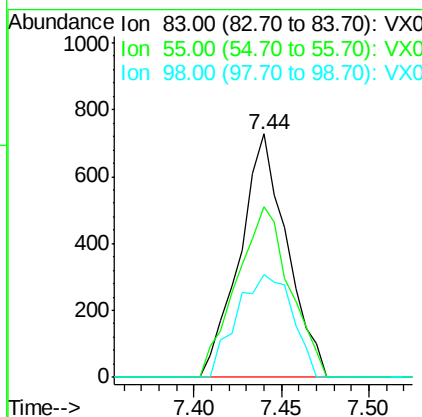
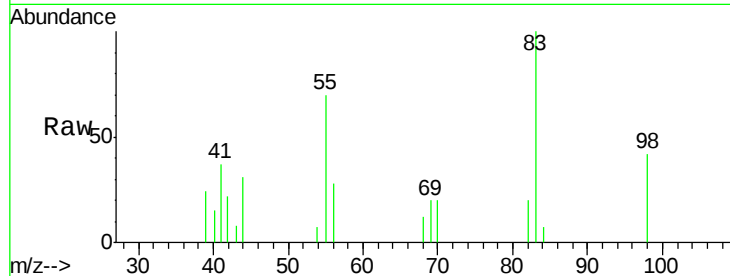
#39
Methvlcvclohexane
Concen: 0.871 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	56.3	84.5
98	42.0	39.8	59.6

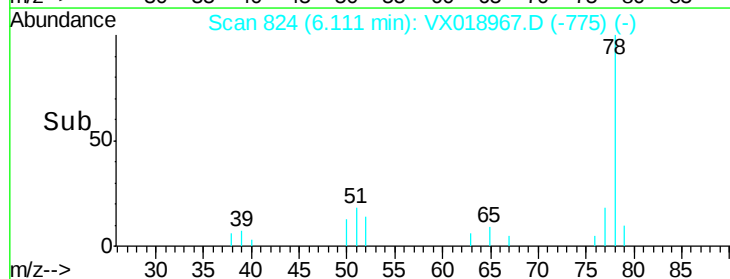
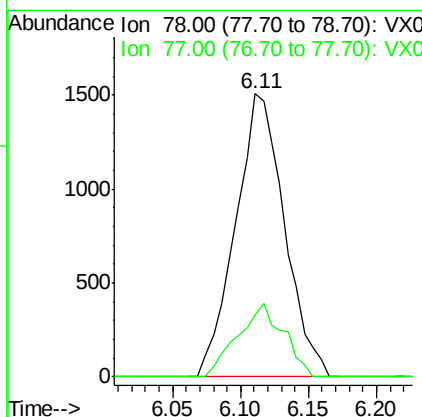
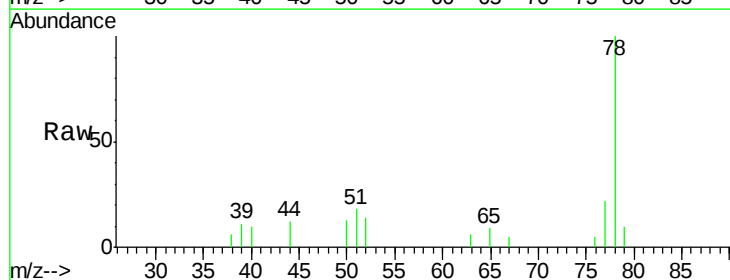
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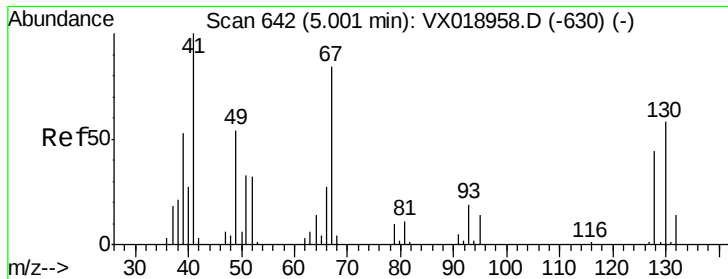
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#40
Benzene
Concen: 0.902 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.2	28.8





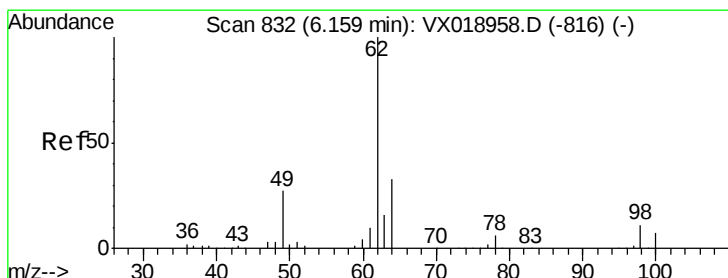
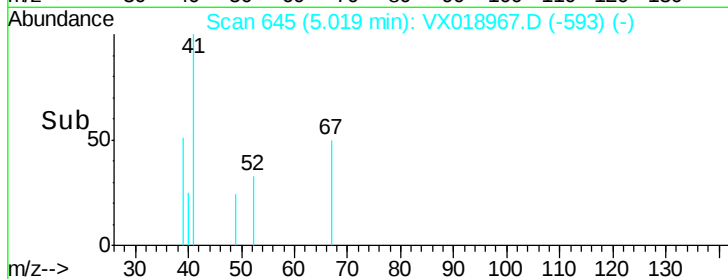
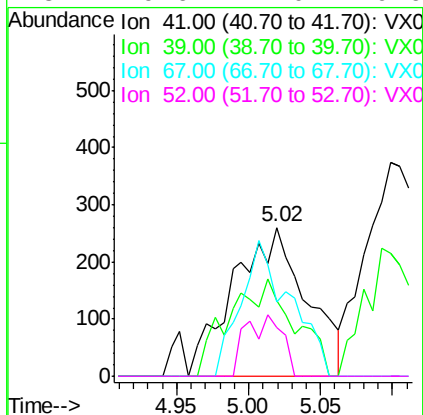
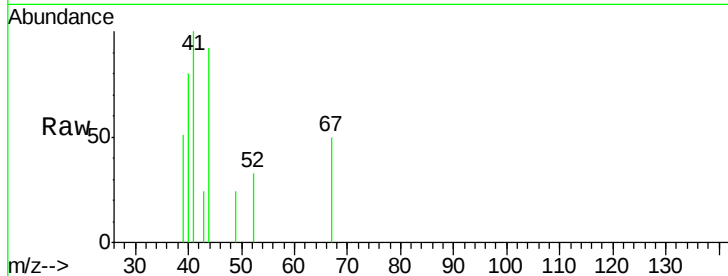
#41
Methacrylonitrile
Concen: 1.237 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.02 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 41 Resp: 924
Ion Ratio Lower Upper
41 100
39 58.5 43.7 65.5
67 61.8 70.9 106.3#
52 9.6 27.0 40.6#

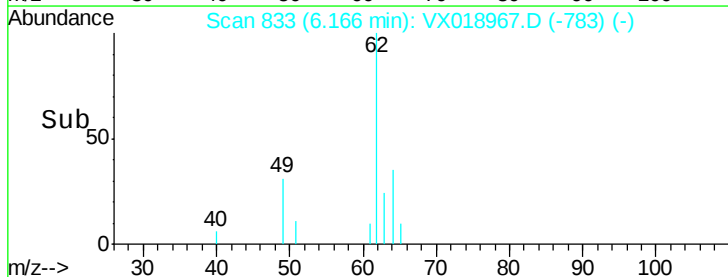
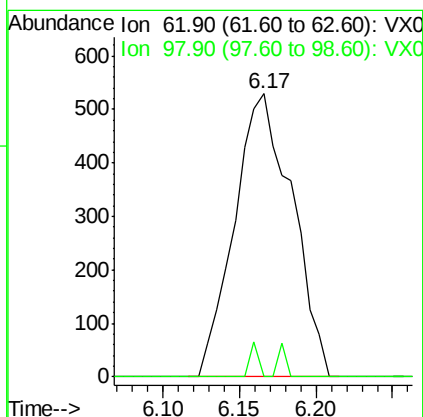
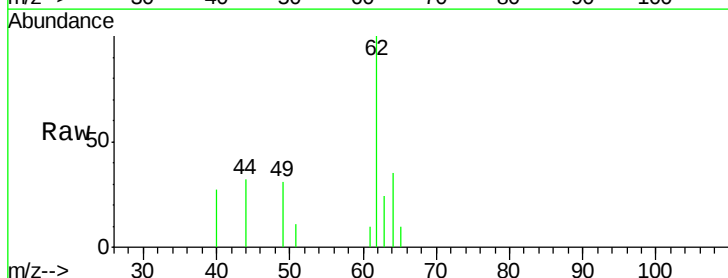
Manual Integrations
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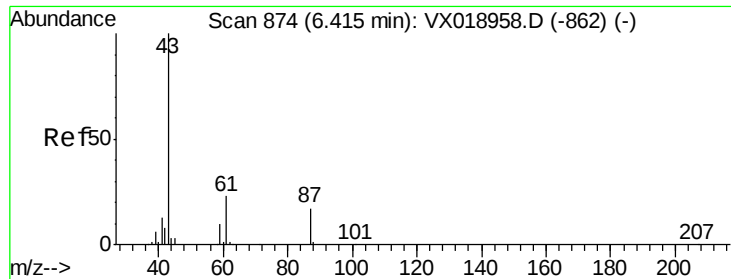
MMDadoda
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#42
1,2-Dichloroethane
Concen: 0.962 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 62 Resp: 1387
Ion Ratio Lower Upper
62 100
98 1.7 0.0 20.6





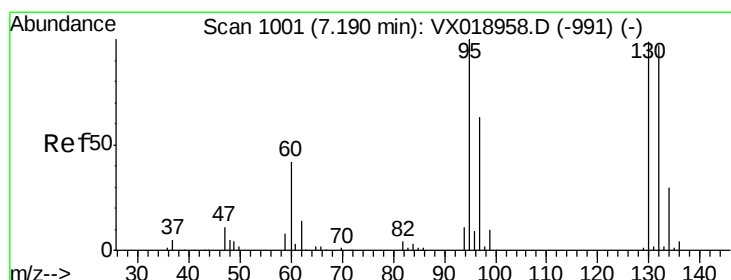
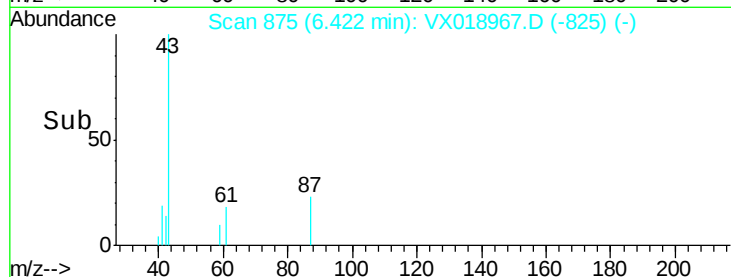
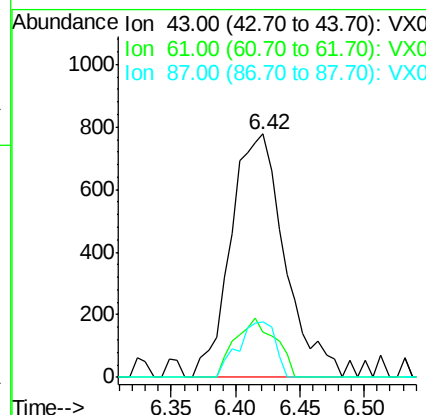
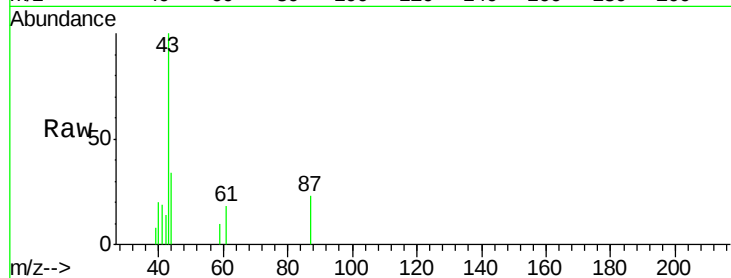
#43
Isopropyl Acetate
Concen: 0.972 ug/l
RT: 6.42 min Scan# 875
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	18.3	27.5
87	15.6	13.4	20.2

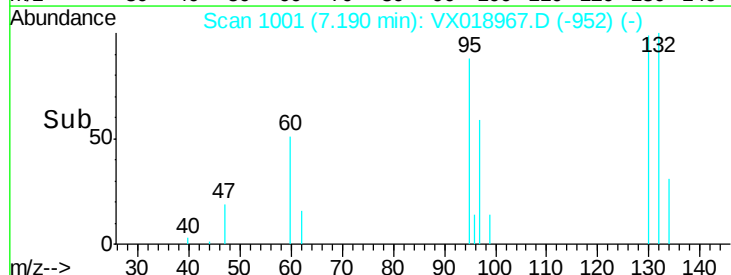
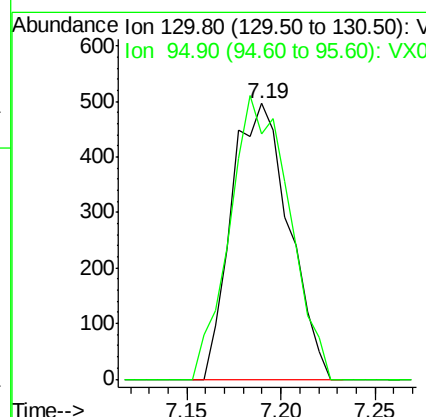
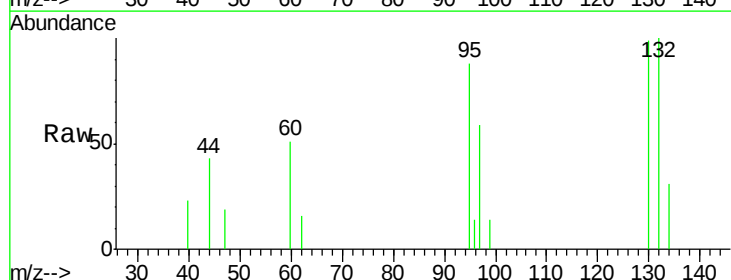
Manual Integrations
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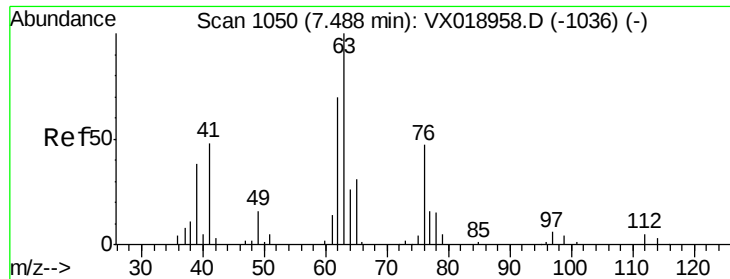
MMDadoda
10/20/2020 4:52:42 PM



#44
Trichloroethene
Concen: 0.903 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	201.0





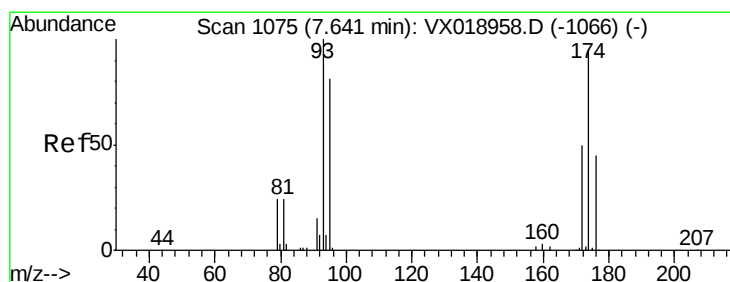
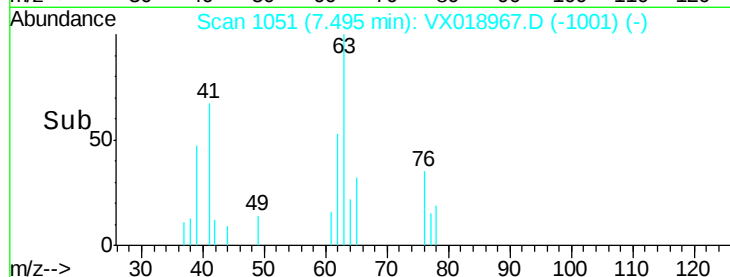
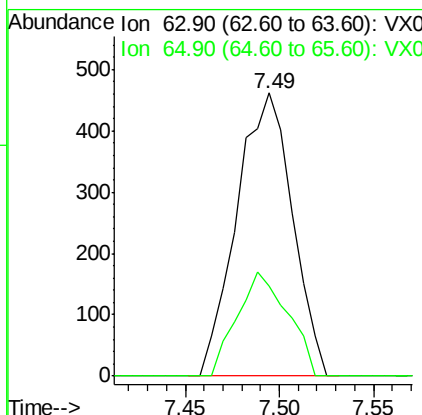
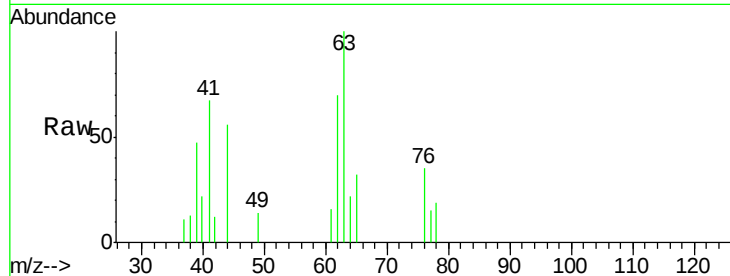
#45
 1,2-Dichloropropane
 Concen: 0.908 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion: 63 Resp: 945
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6

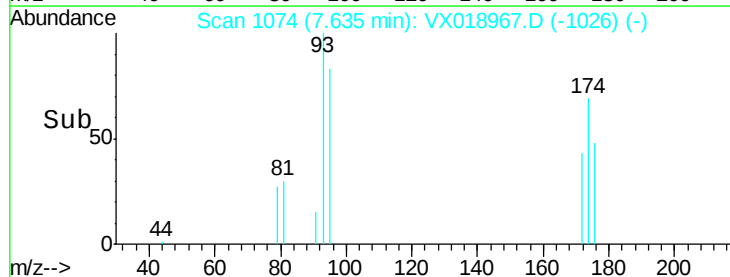
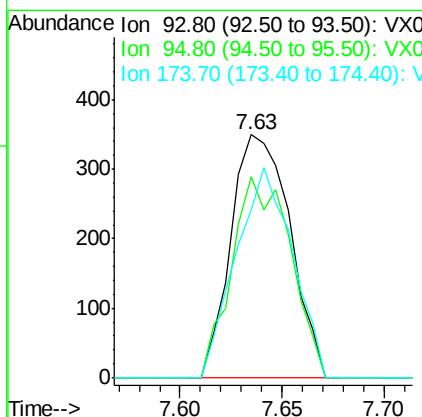
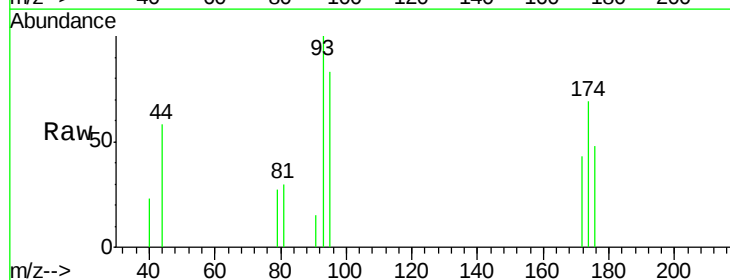
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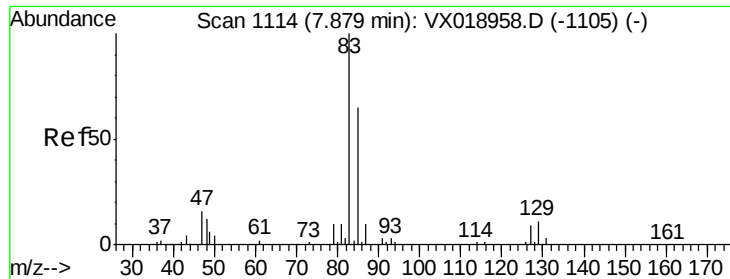
MMDadoda
 10/20/2020 4:52:42 PM



#46
 Dibromomethane
 Concen: 0.942 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion: 93 Resp: 701
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 82.9 73.8 110.8





#47

Bromodichloromethane

Concen: 0.883 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

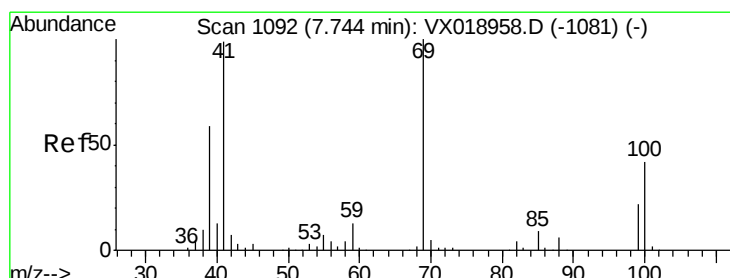
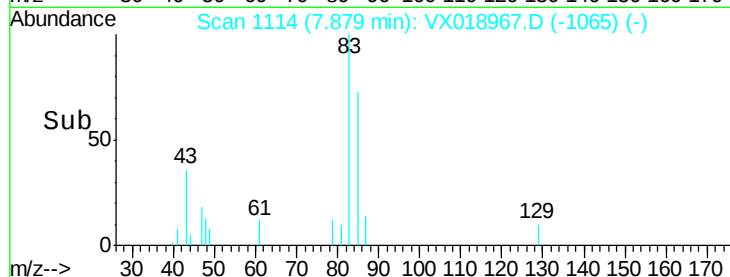
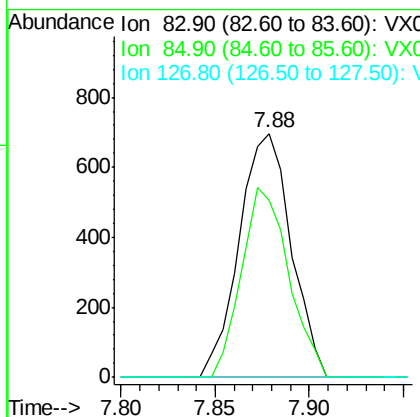
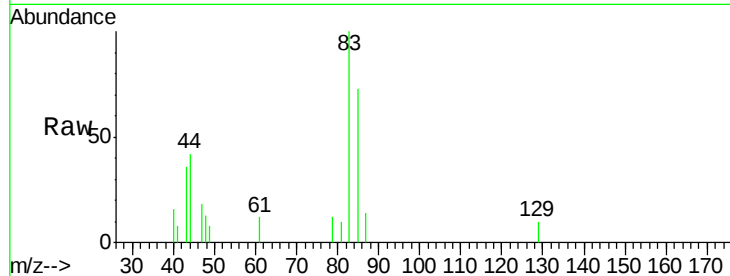
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	83	Resp:	1327
Ion	Ratio	Lower	Upper
83	100		
85	72.6	52.4	78.6
127	0.0	7.3	10.9#

Manual Integrations
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#48

Methyl methacrylate

Concen: 1.035 ug/l

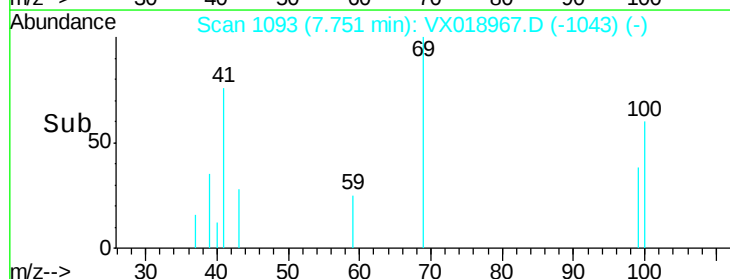
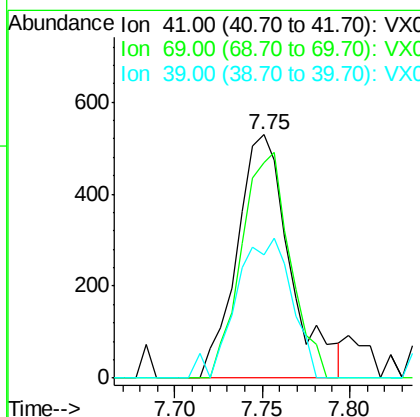
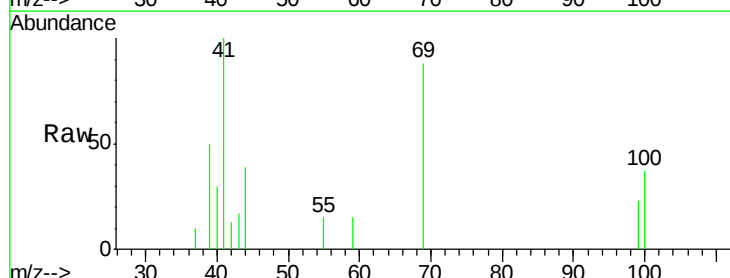
RT: 7.75 min Scan# 1093

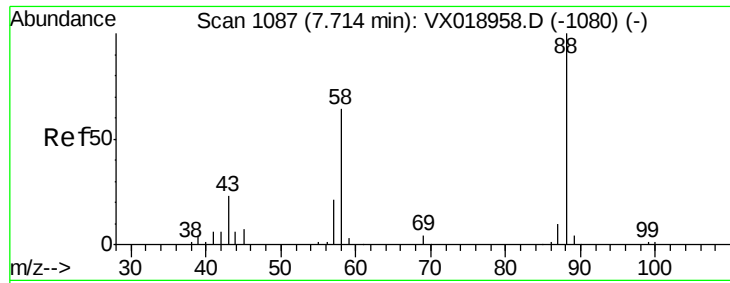
Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	41	Resp:	1117
Ion	Ratio	Lower	Upper
41	100		
69	84.5	82.4	123.6
39	59.9	48.1	72.1





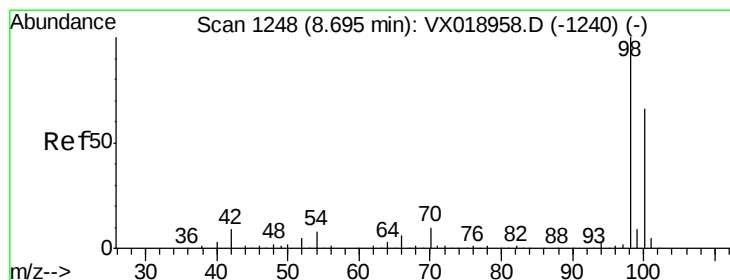
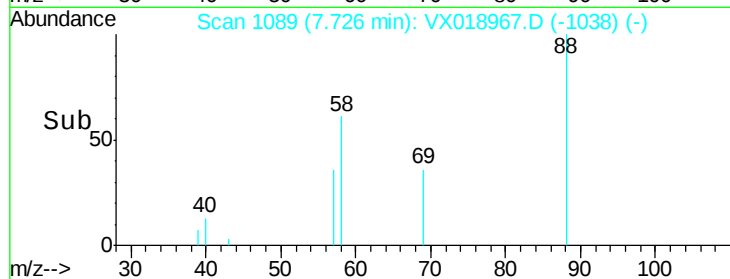
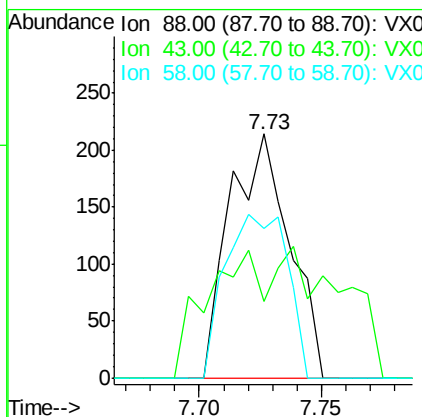
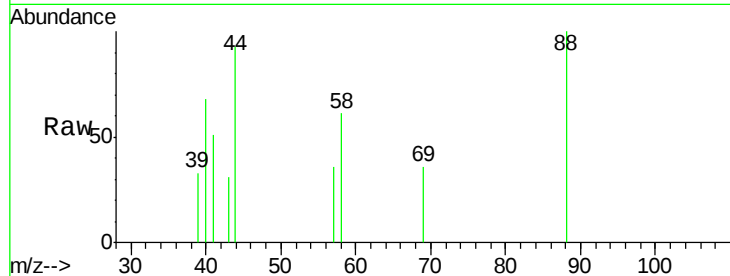
#49
1,4-Dioxane
Concen: 14.805 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.2	21.1	31.7#
58	69.7	50.3	75.5

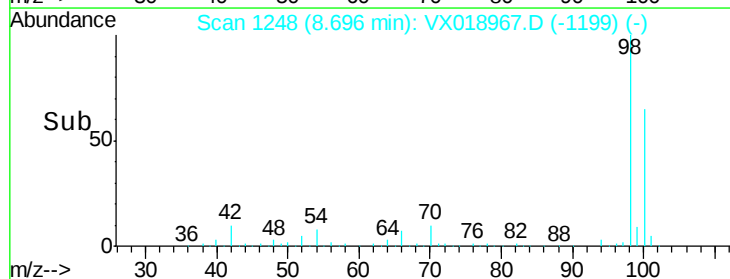
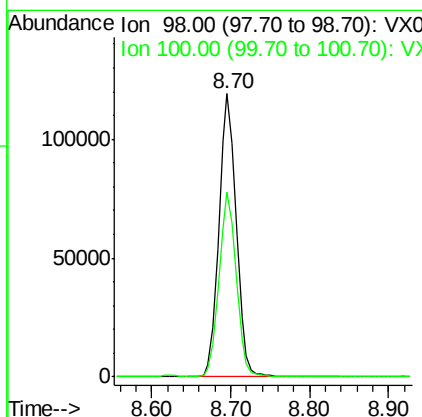
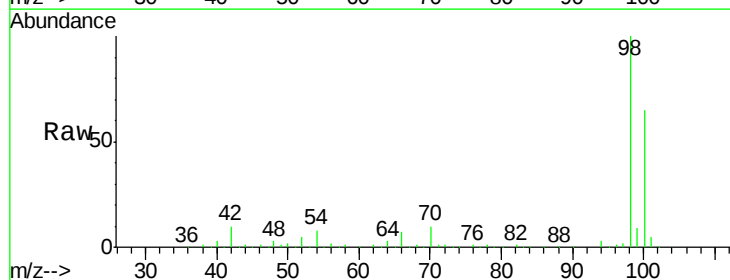
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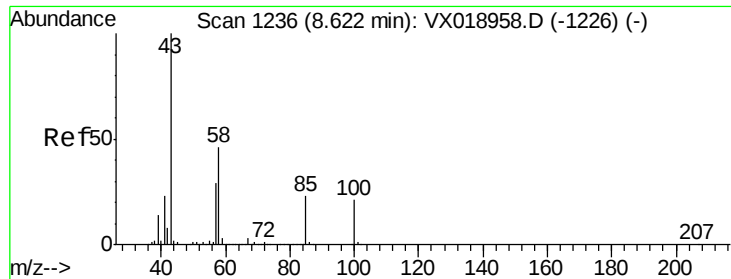
MMDadoda
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#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 4.625 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 6253

Ion Ratio Lower Upper

43 100

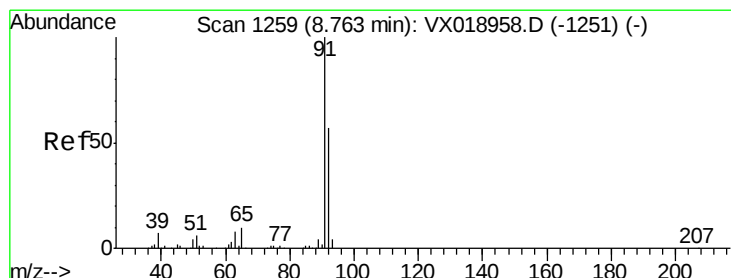
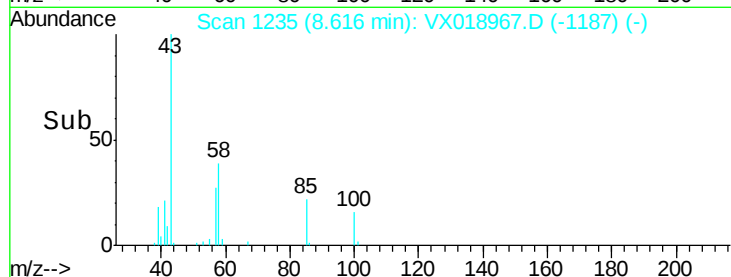
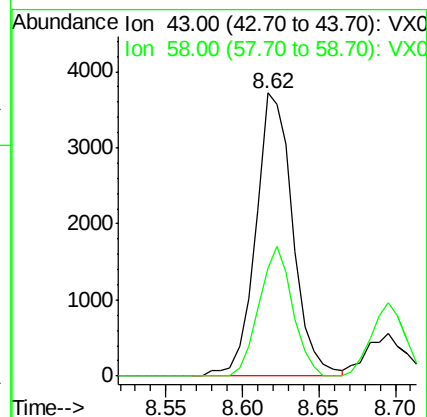
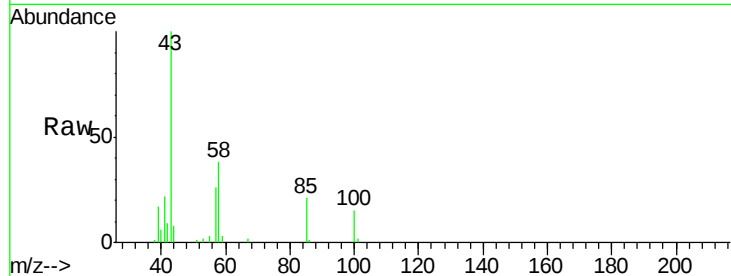
58 41.3 36.4 54.6

Manual Integrations

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#52

Toluene

Concen: 0.885 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018967.D

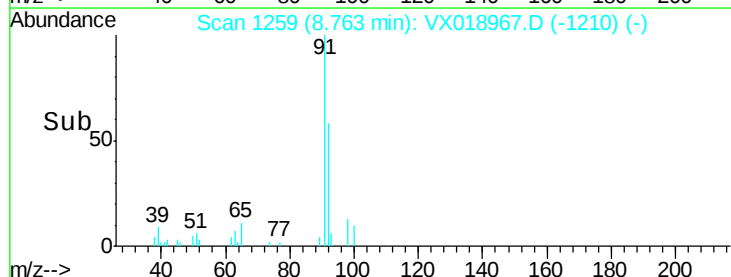
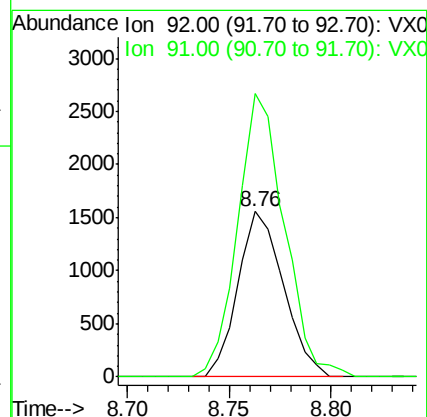
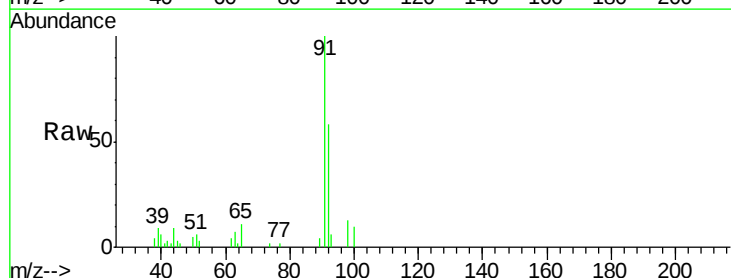
Acq: 19 Oct 2020 21:46

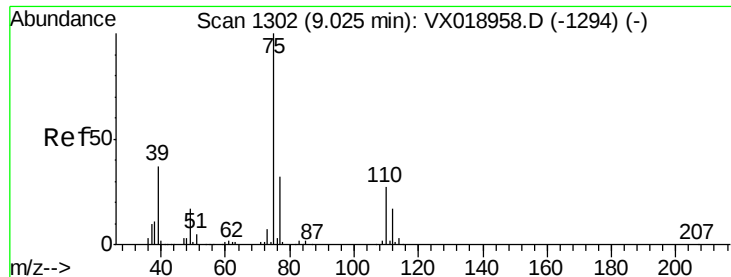
Tgt Ion: 92 Resp: 2408

Ion Ratio Lower Upper

92 100

91 175.6 137.1 205.7





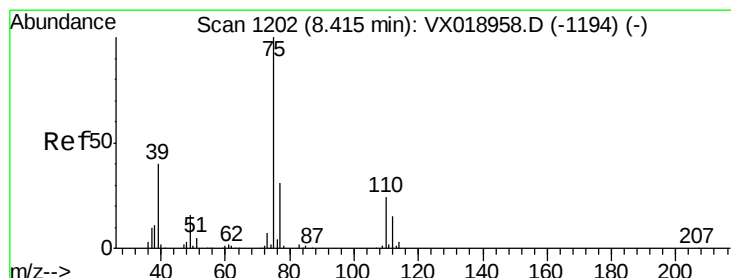
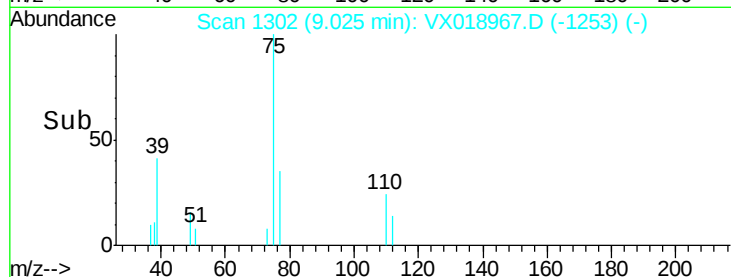
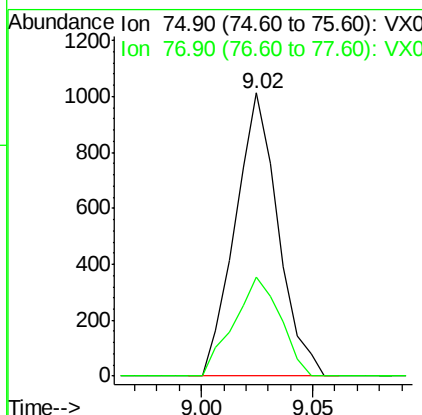
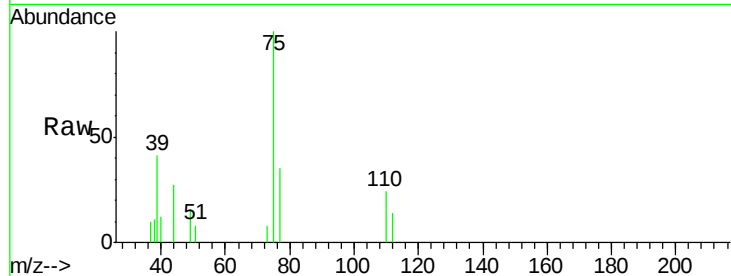
#53
t-1,3-Dichloropropene
Concen: 0.795 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 75 Resp: 1358
Ion Ratio Lower Upper
75 100
77 34.9 26.0 39.0

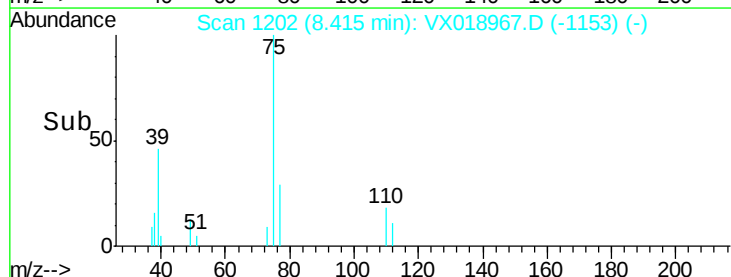
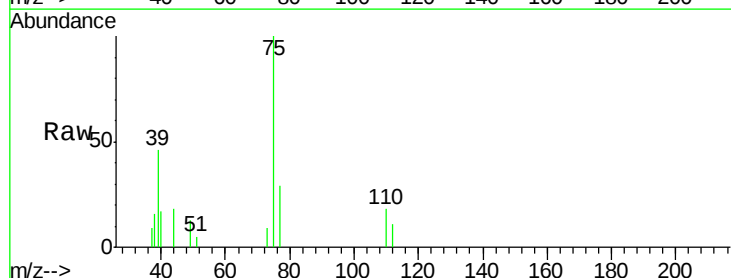
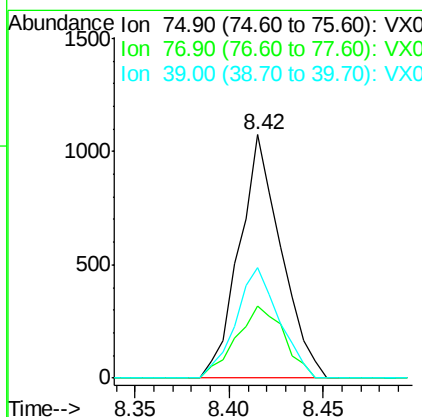
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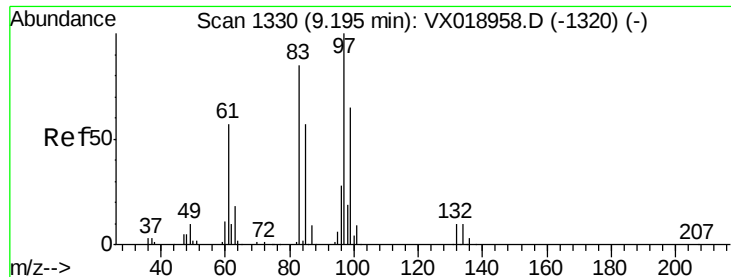
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#54
cis-1,3-Dichloropropene
Concen: 0.918 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 75 Resp: 1655
Ion Ratio Lower Upper
75 100
77 29.4 24.6 36.8
39 45.6 32.1 48.1





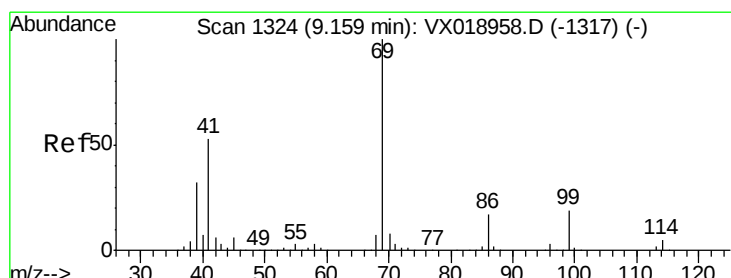
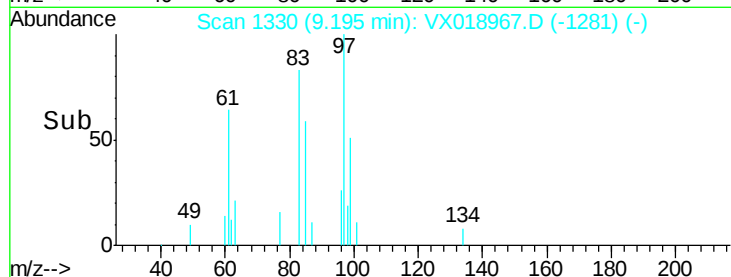
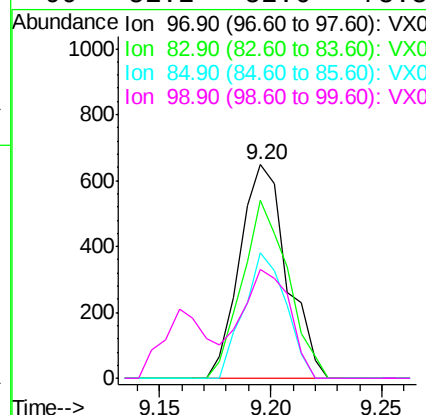
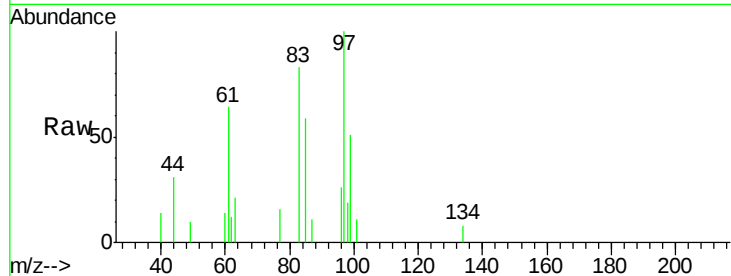
#55
 1,1,2-Trichloroethane
 Concen: 0.899 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.8	101.8
85	58.8	45.7	68.5
99	51.2	52.6	78.8#

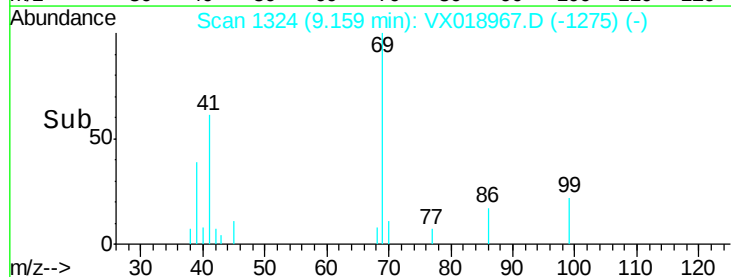
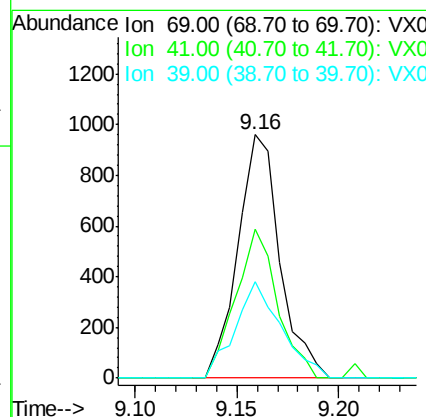
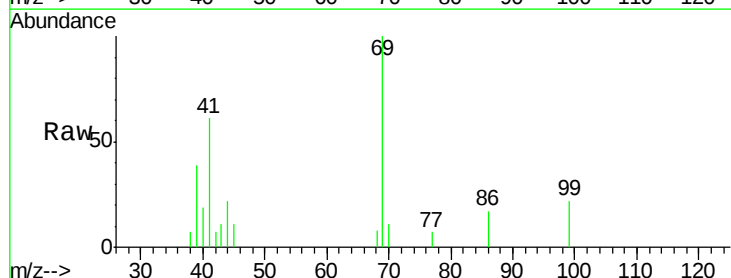
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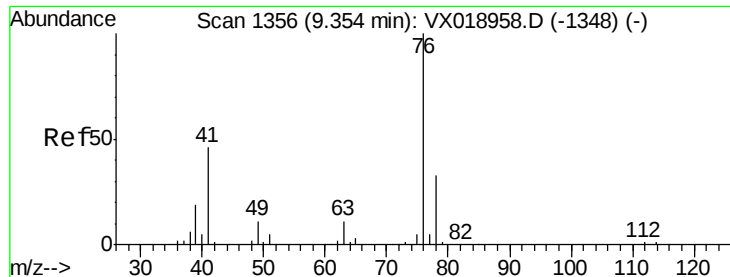
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#56
 Ethyl methacrylate
 Concen: 0.839 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.6	43.4	65.2
39	43.4	25.0	37.4#





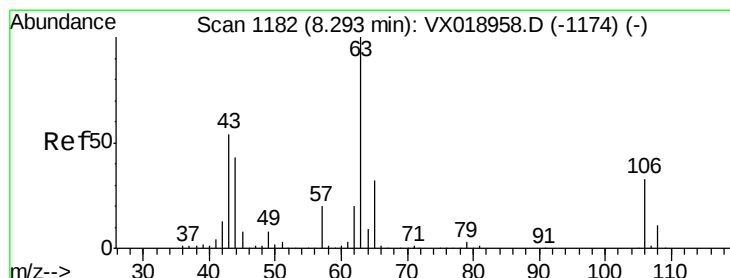
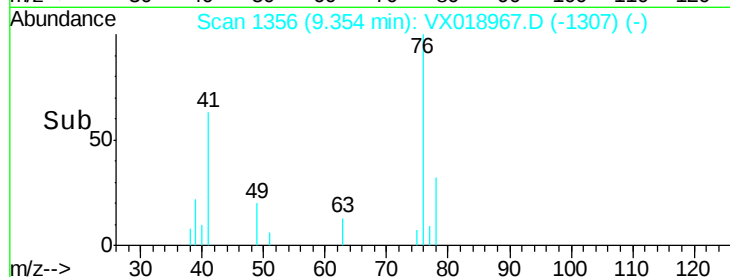
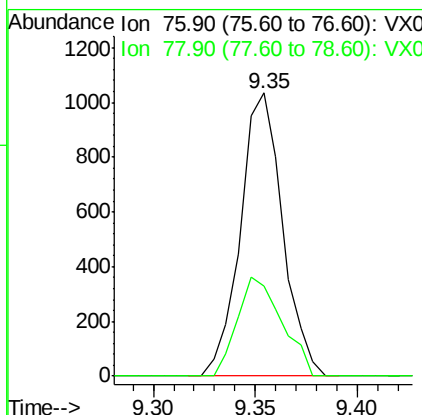
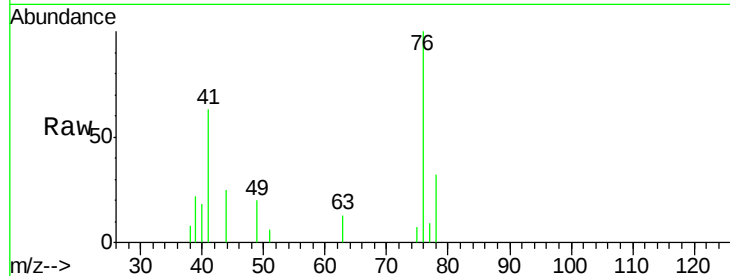
#57
 1,3-Dichloropropane
 Concen: 0.829 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion: 76 Resp: 1487
 Ion Ratio Lower Upper
 76 100
 78 36.9 26.2 39.4

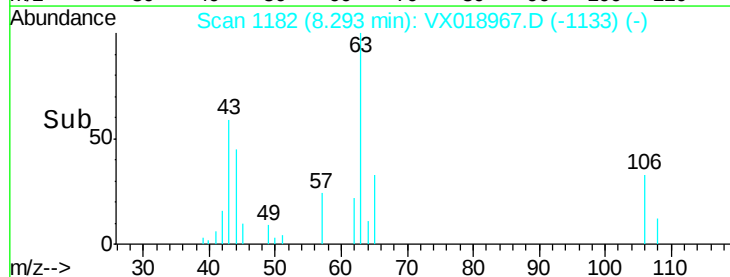
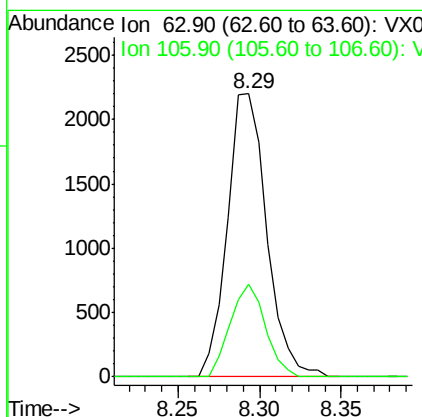
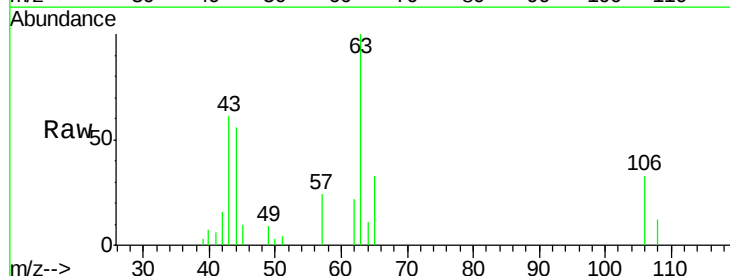
Manual Integrations
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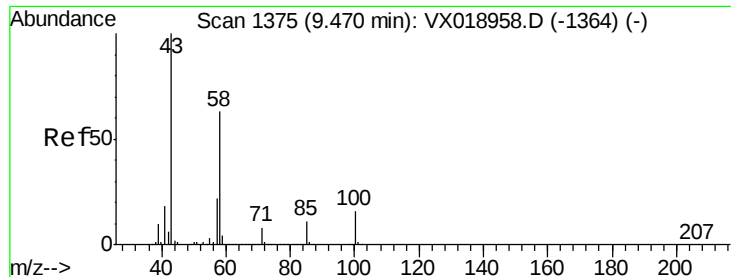
MMDadoda
 10/20/2020 4:52:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.090 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion: 63 Resp: 3698
 Ion Ratio Lower Upper
 63 100
 106 29.2 24.8 37.2





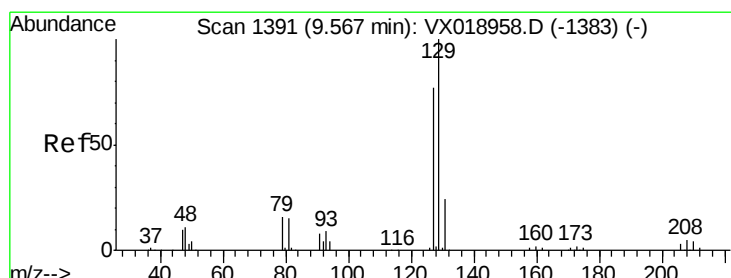
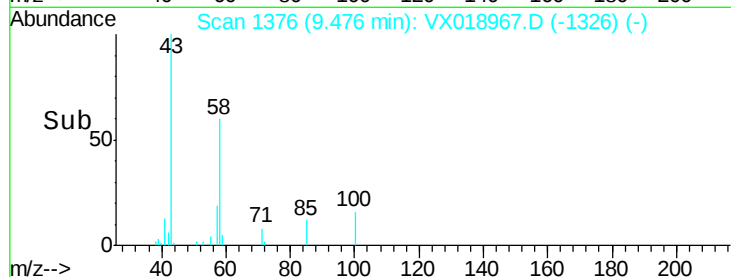
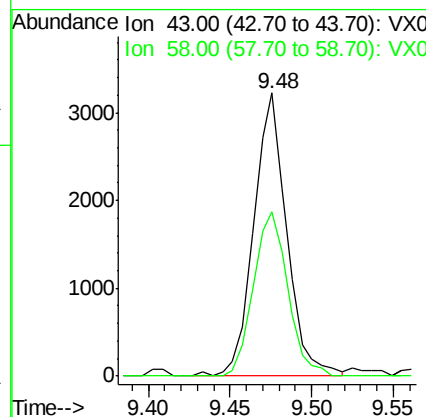
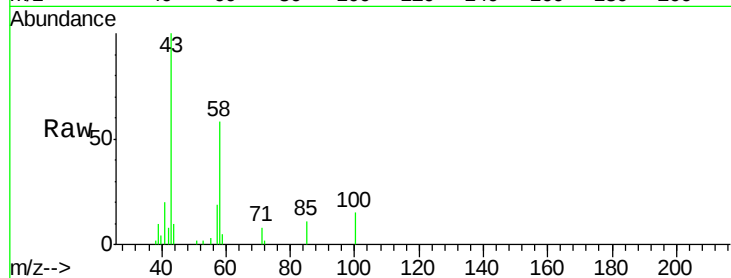
#59
2-Hexanone
Concen: 4.423 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 43 Resp: 4546
Ion Ratio Lower Upper
43 100
58 60.3 31.7 95.1

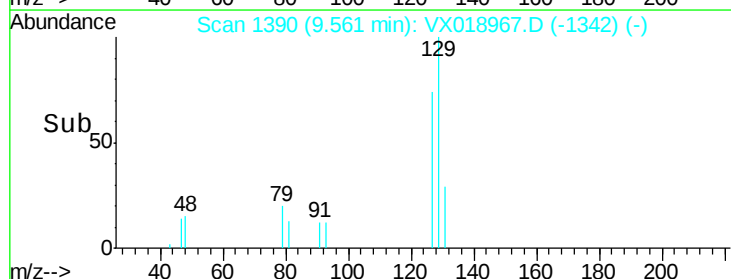
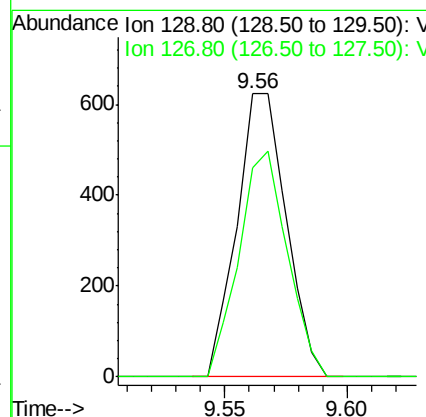
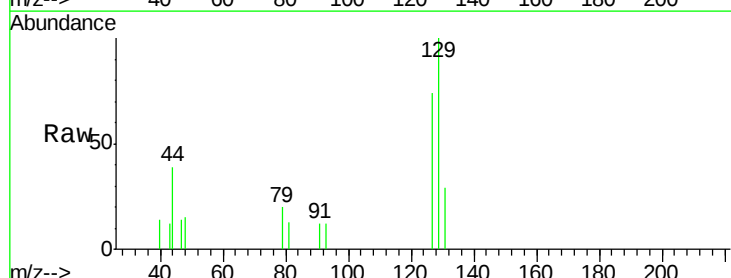
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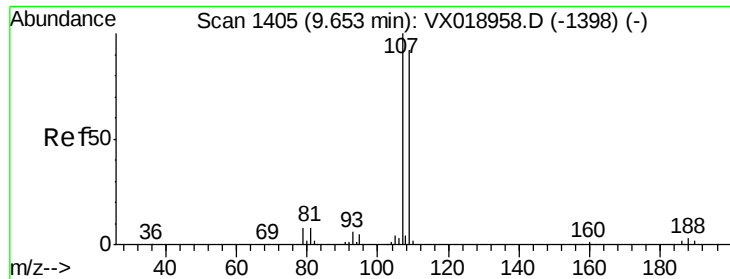
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#60
Dibromochloromethane
Concen: 0.744 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 129 Resp: 879
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





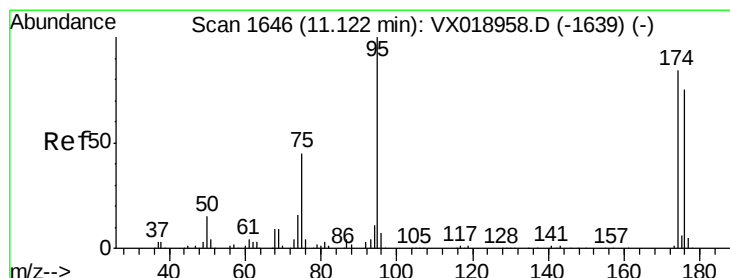
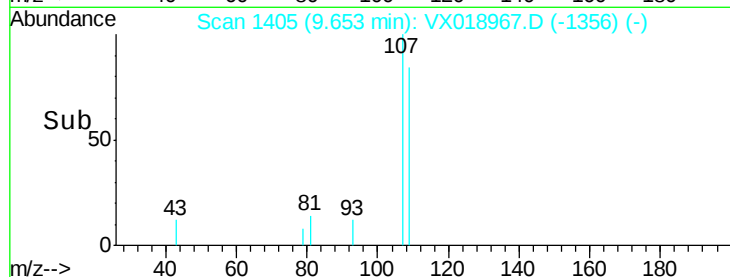
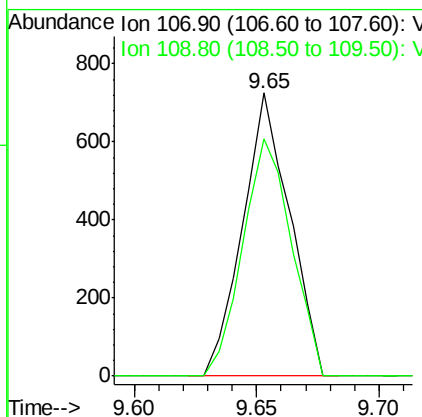
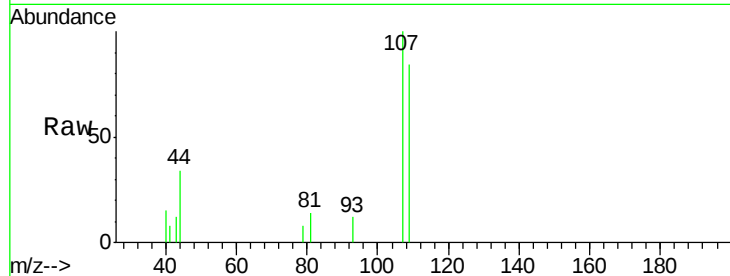
#61
 1,2-Dibromoethane
 Concen: 0.841 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	86.6	75.2	112.8

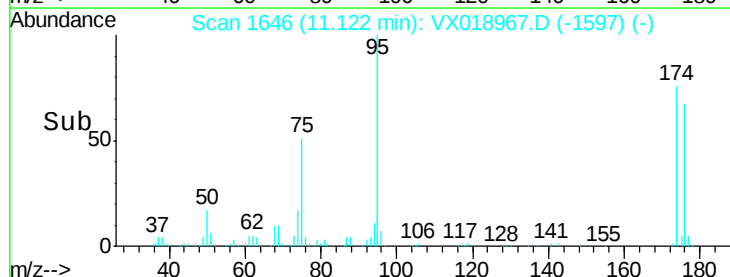
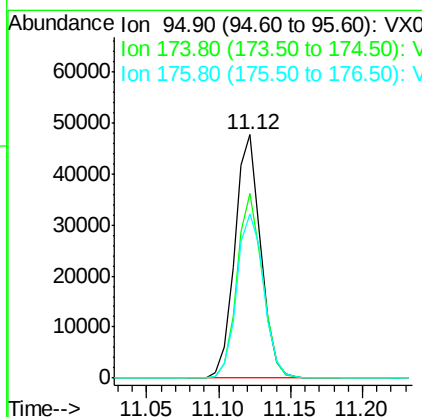
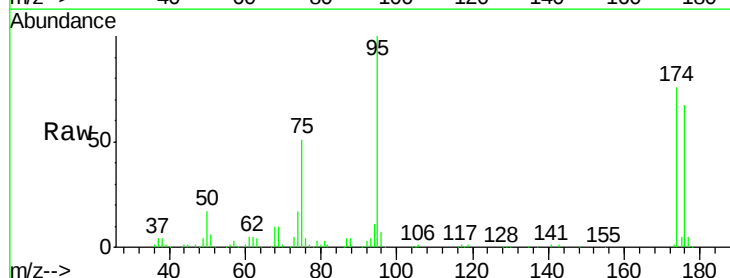
Manual Integrations
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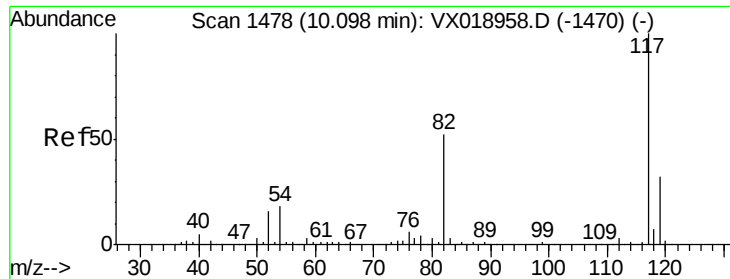
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#62
 4-Bromofluorobenzene
 Concen: 45.688 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	164.6
176	70.3	0.0	154.6





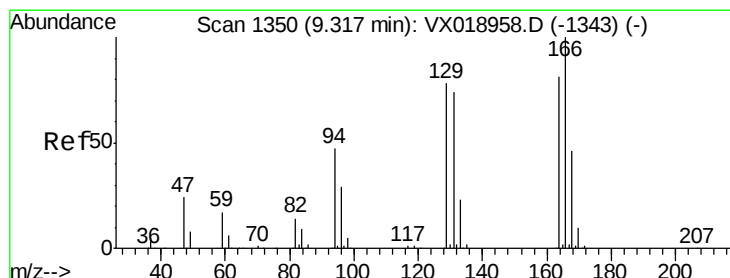
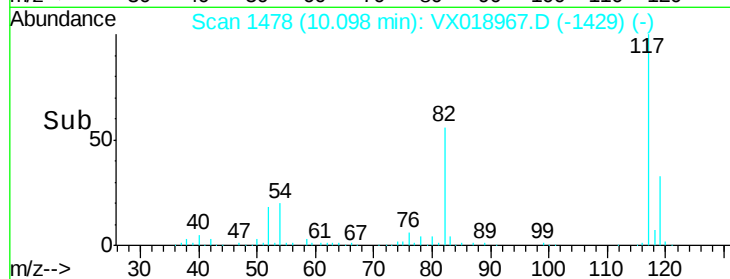
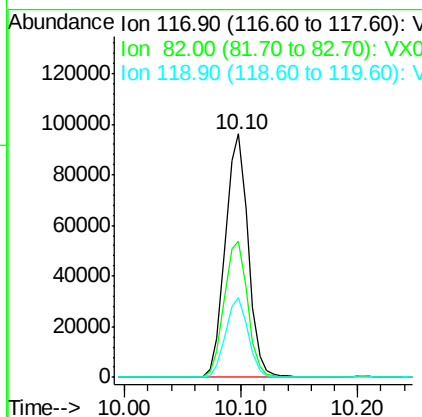
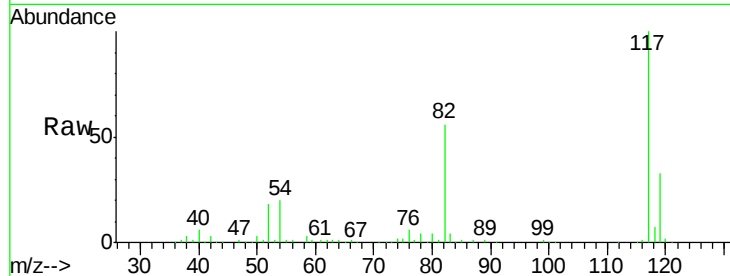
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.6	62.4
119	33.0	25.4	38.2

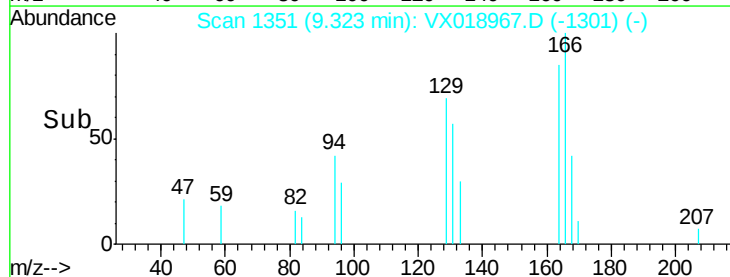
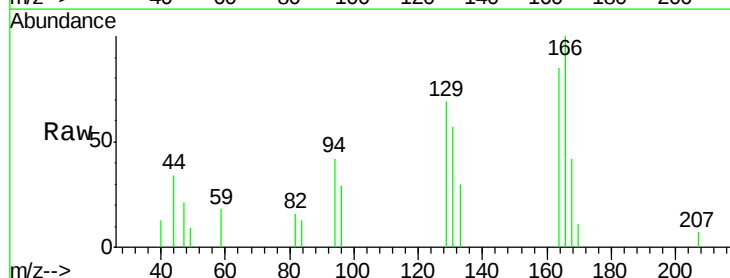
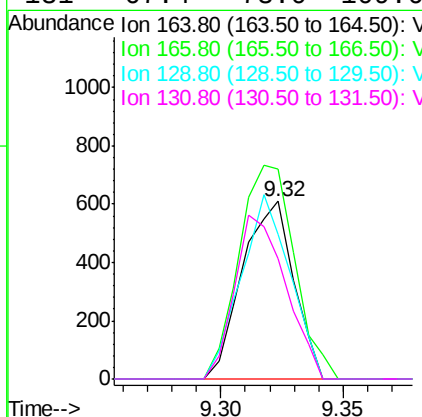
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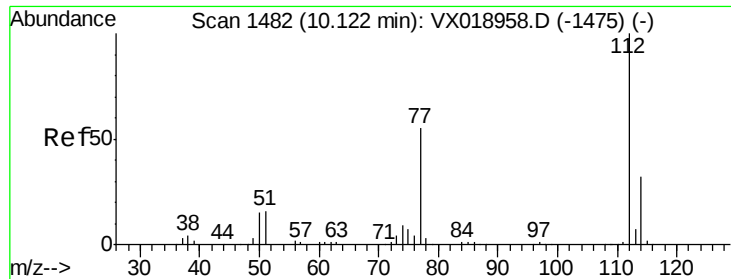
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#64
Tetrachloroethene
Concen: 0.958 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.9	98.9	148.3
129	81.5	77.0	115.4
131	67.4	73.0	109.6#





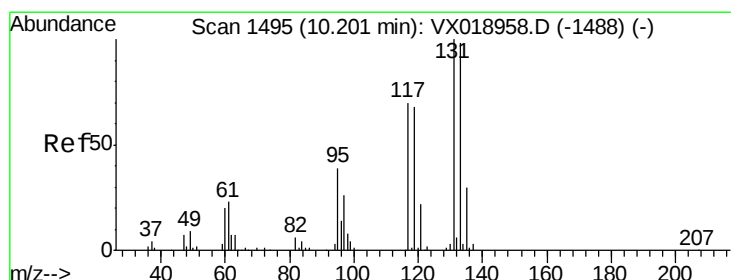
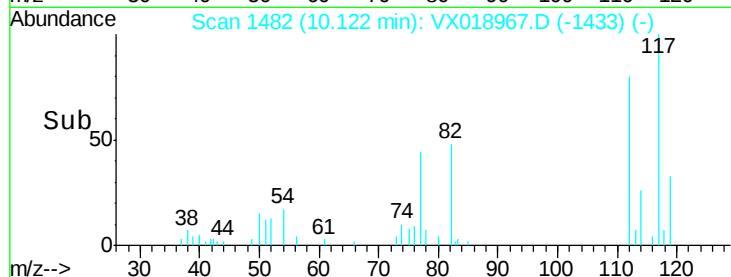
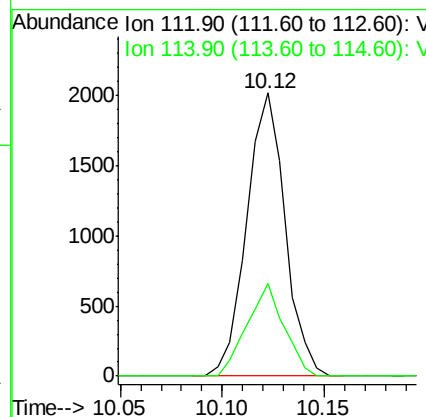
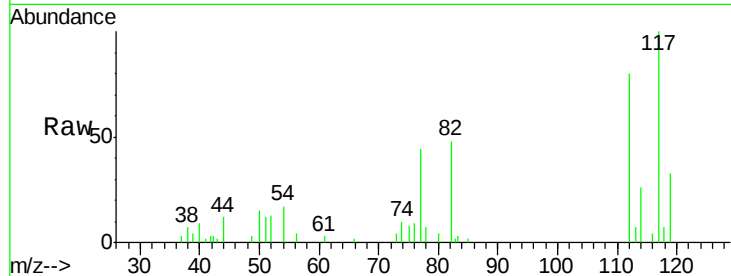
#65
Chlorobenzene
Concen: 0.964 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion:112 Resp: 2640
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

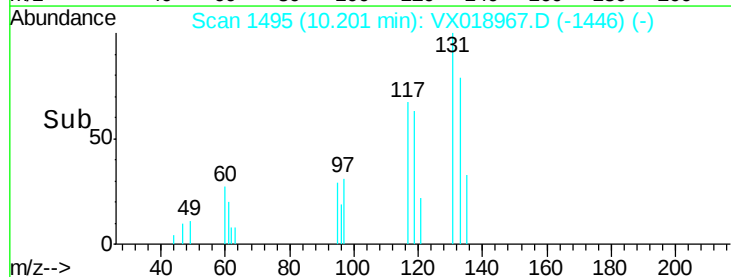
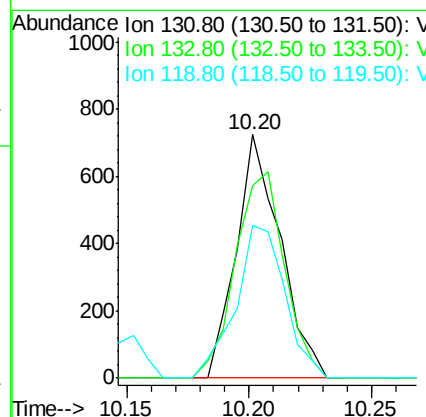
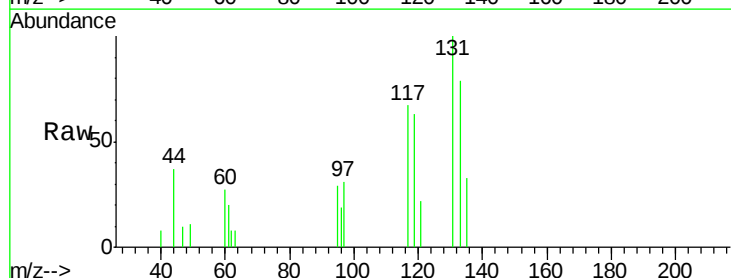
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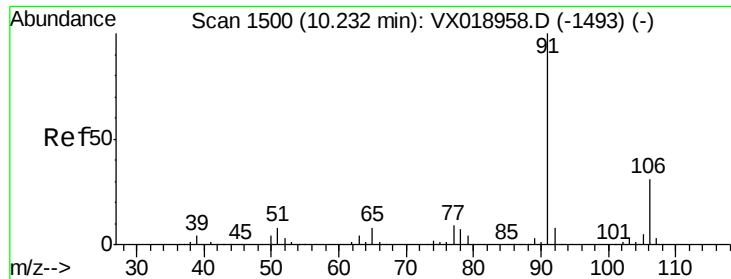
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.900 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion:131 Resp: 905
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.2
119 0.0 33.5 100.4#





#67

Ethyl Benzene

Concen: 0.915 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 4352

Ion Ratio Lower Upper

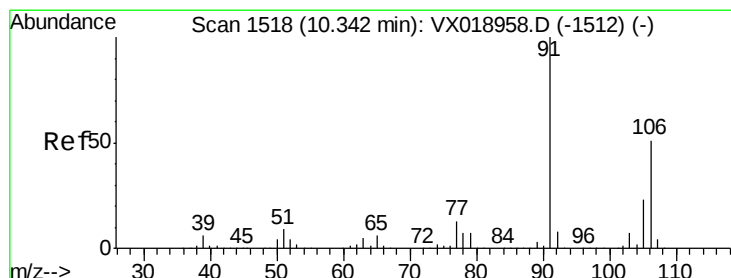
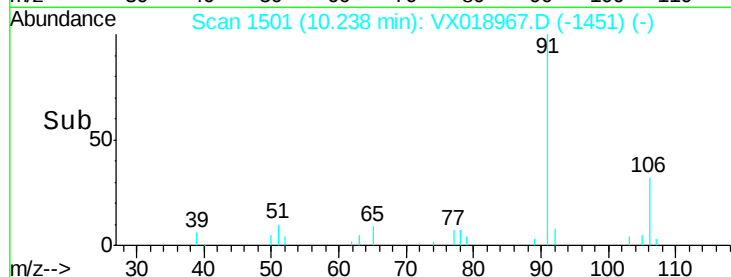
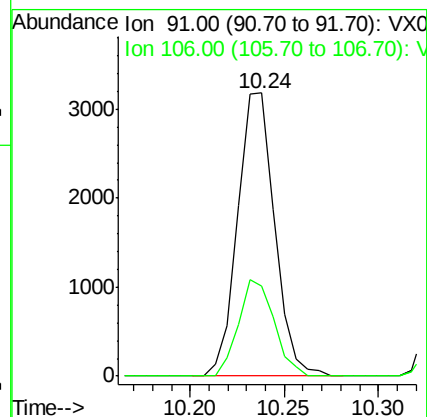
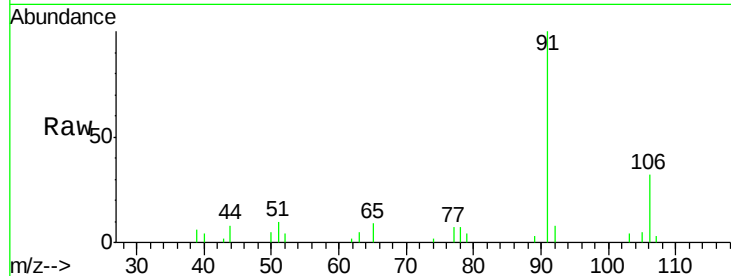
91 100

106 31.9 24.7 37.1

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#68

m/p-Xylenes

Concen: 1.773 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018967.D

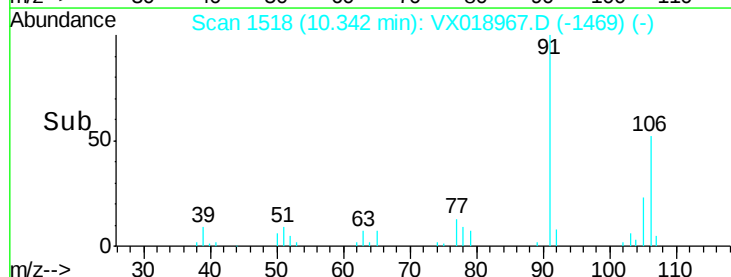
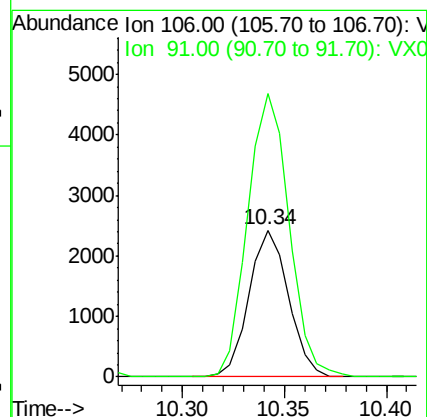
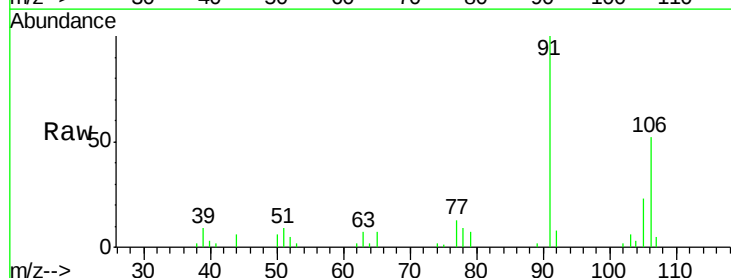
Acq: 19 Oct 2020 21:46

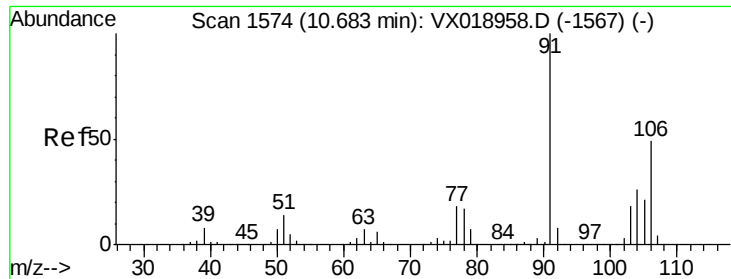
Tgt Ion: 106 Resp: 3268

Ion Ratio Lower Upper

106 100

91 202.7 156.7 235.1





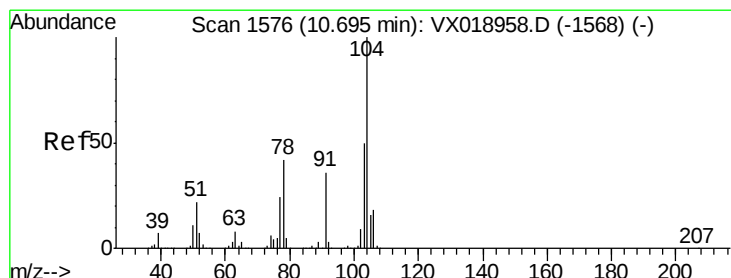
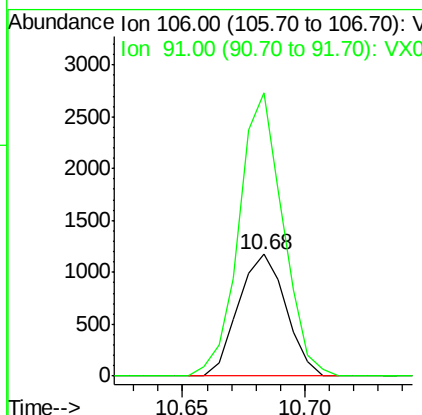
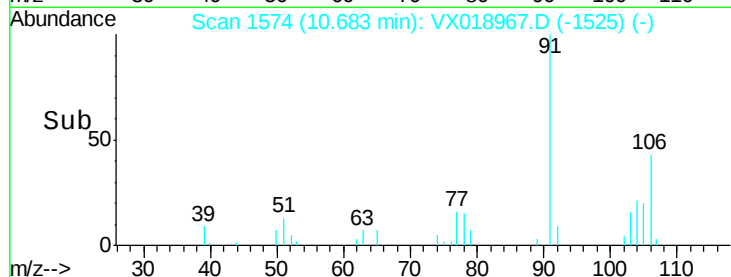
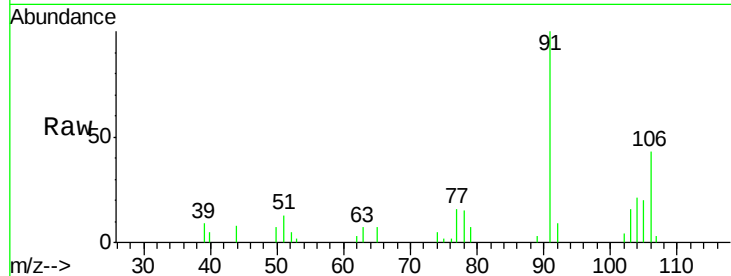
#69
o-Xylene
Concen: 0.889 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion:106 Resp: 1582
Ion Ratio Lower Upper
106 100
91 215.7 102.4 307.1

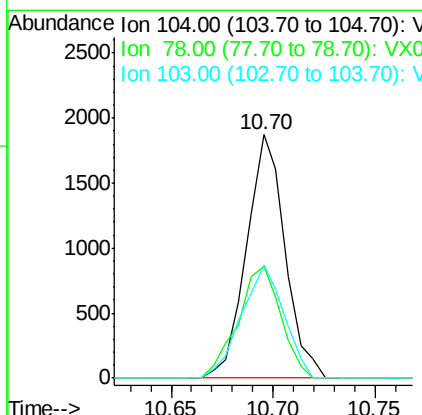
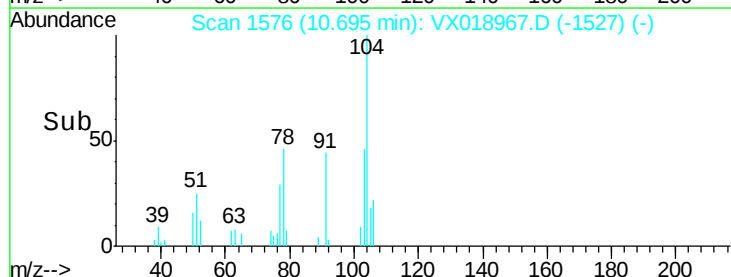
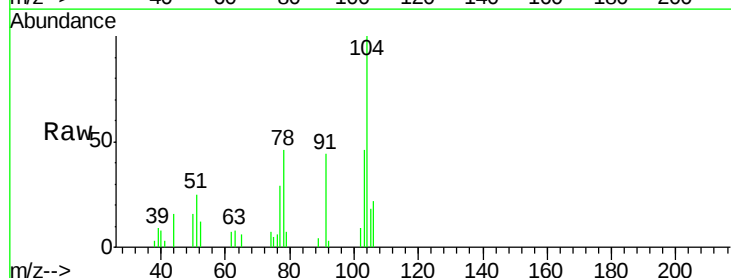
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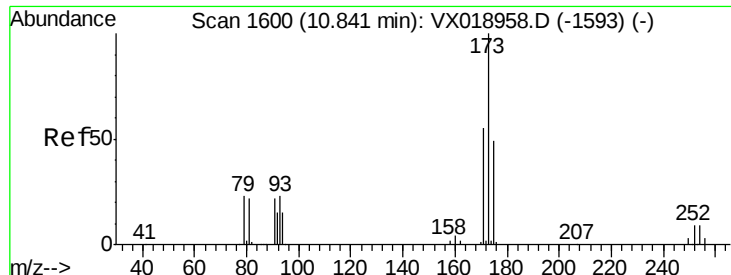
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#70
Styrene
Concen: 0.819 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion:104 Resp: 2451
Ion Ratio Lower Upper
104 100
78 51.0 37.9 56.9
103 51.5 43.7 65.5





#71

Bromoform

Concen: 0.718 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:173 Resp: 578

Ion Ratio Lower Upper

173 100

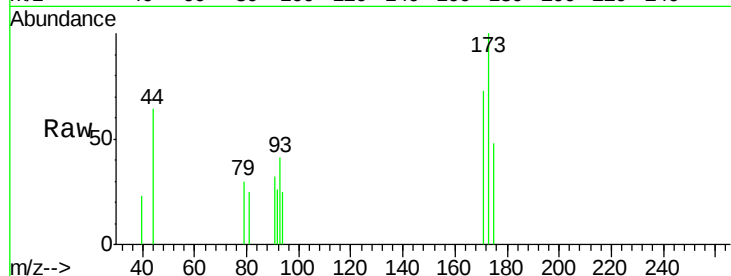
175 43.3 23.7 71.1

254 0.0 0.0 0.0

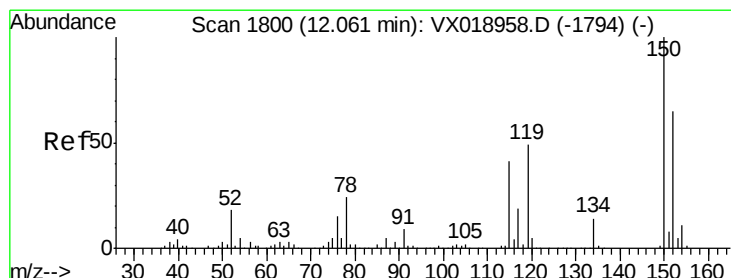
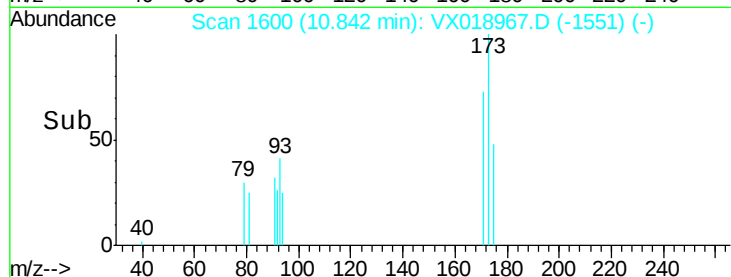
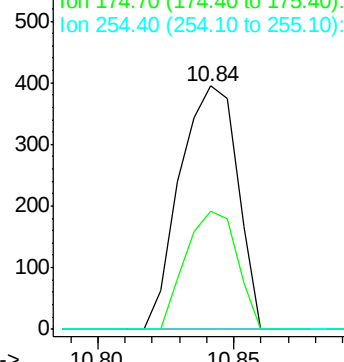
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

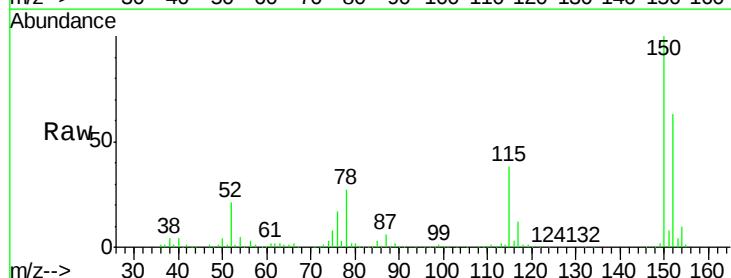
Tgt Ion:152 Resp: 58890

Ion Ratio Lower Upper

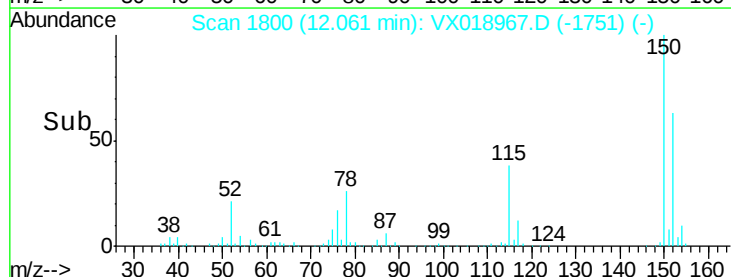
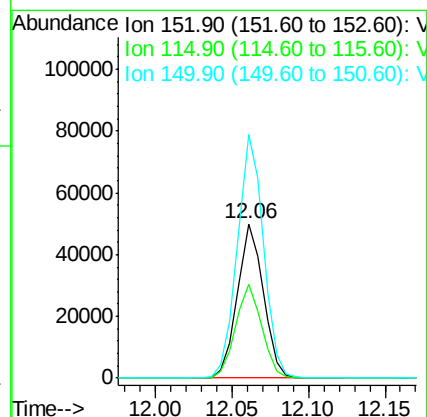
152 100

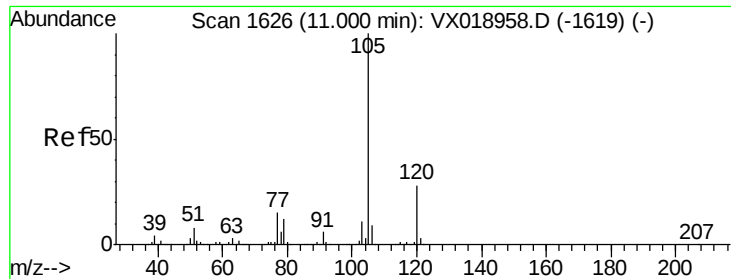
115 60.9 40.8 122.2

150 158.4 0.0 352.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.940 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 105 Resp: 4010

Ion Ratio Lower Upper

105 100

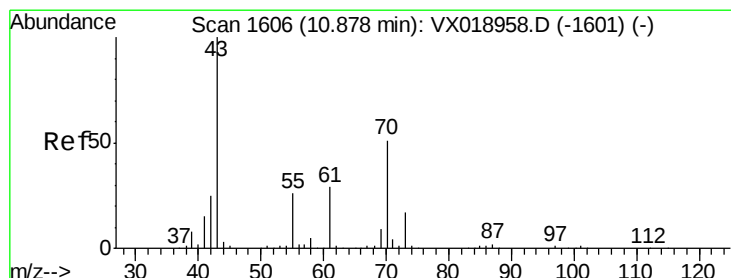
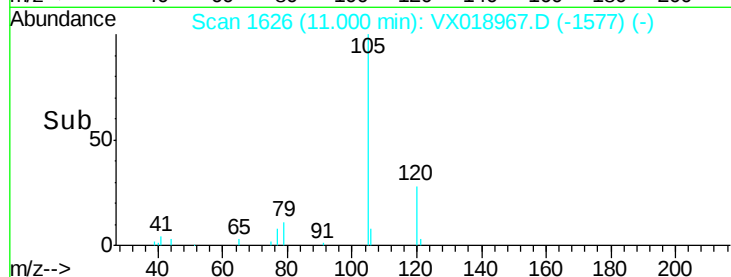
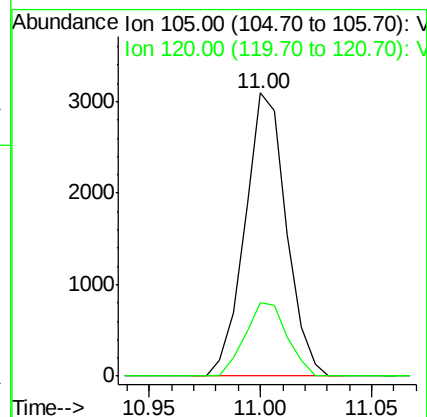
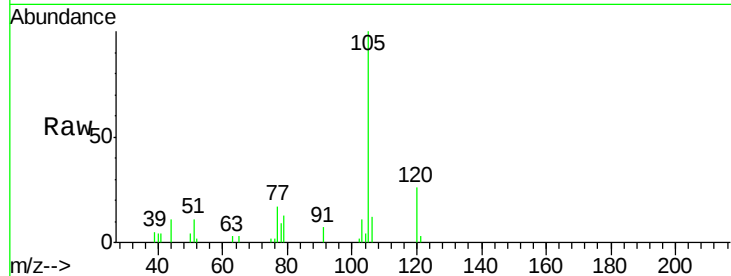
120 26.2 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 0.962 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion: 43 Resp: 1541

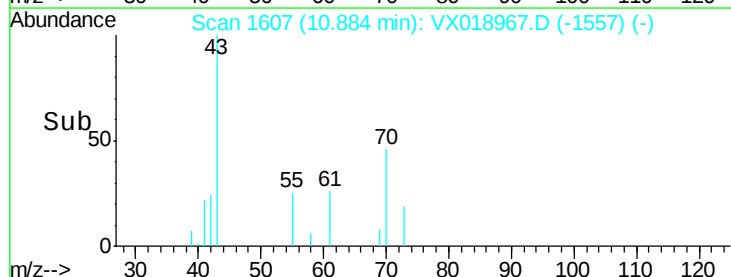
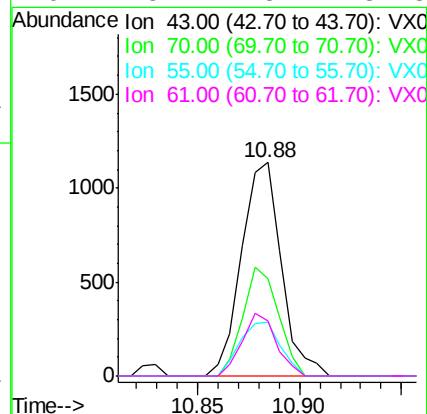
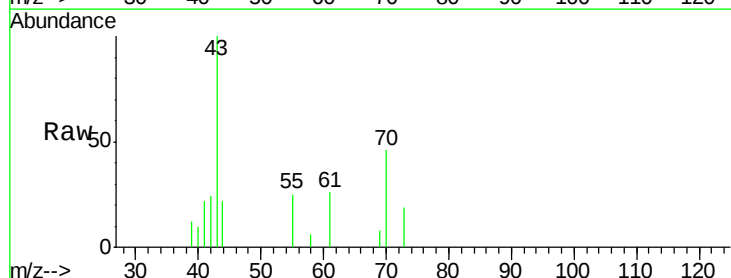
Ion Ratio Lower Upper

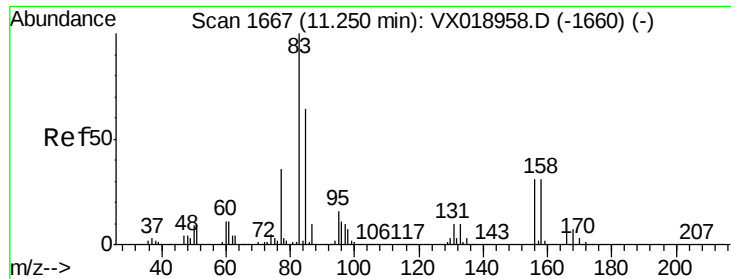
43 100

70 45.4 42.4 63.6

55 25.8 21.0 31.6

61 25.2 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 0.957 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

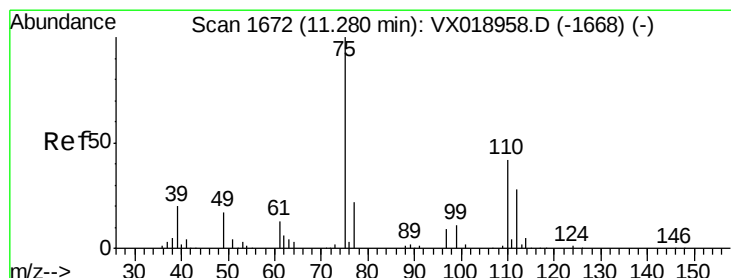
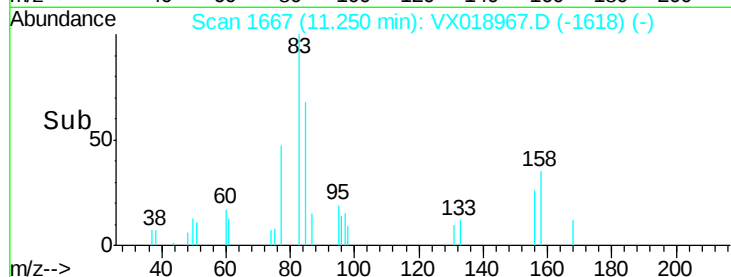
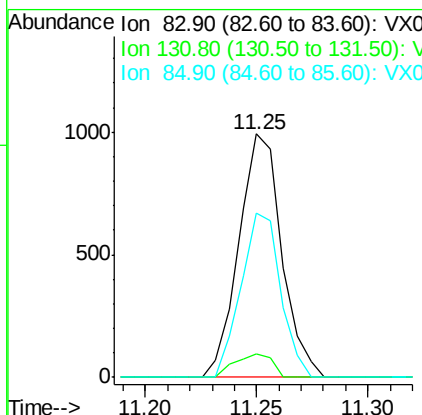
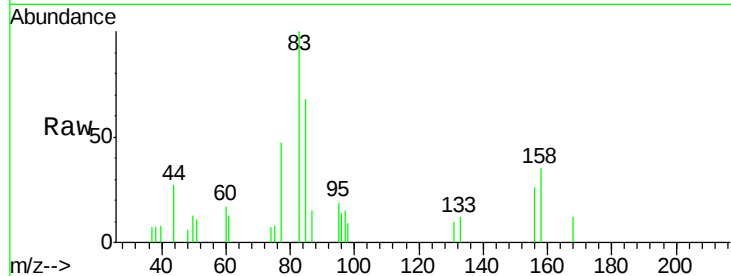
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	83	Resp:	1330
Ion Ratio	Lower	Upper	
83	100		
131	8.5	5.3	15.9
85	62.3	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 1.018 ug/l m

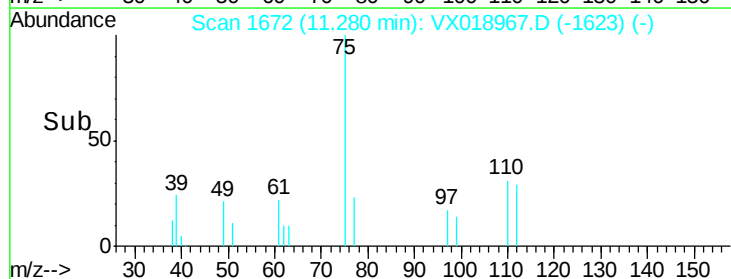
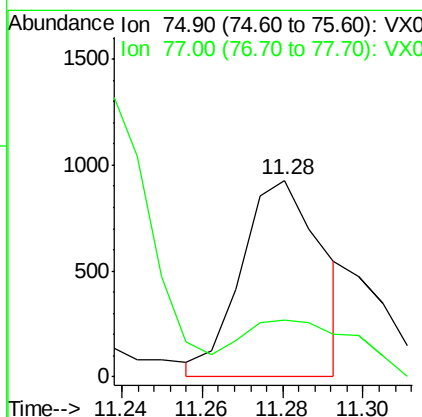
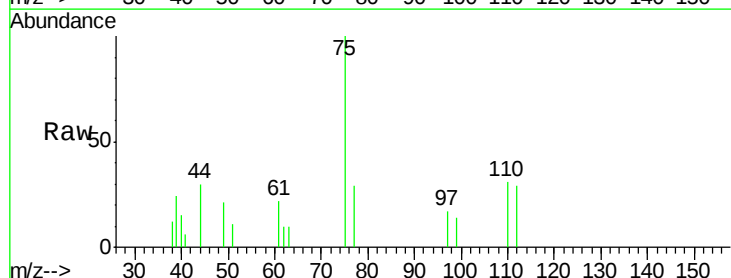
RT: 11.28 min Scan# 1672

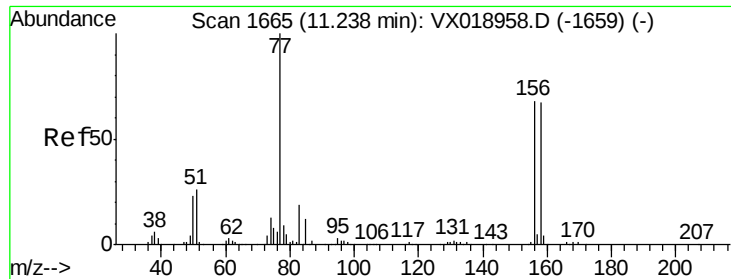
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion:	75	Resp:	1303
Ion Ratio	Lower	Upper	
75	100		
77	40.7	21.1	63.1





#77

Bromobenzene

Concen: 0.918 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

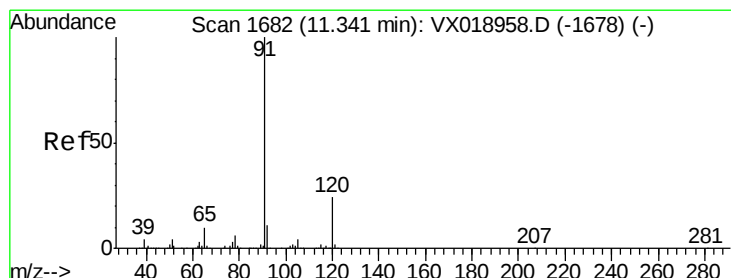
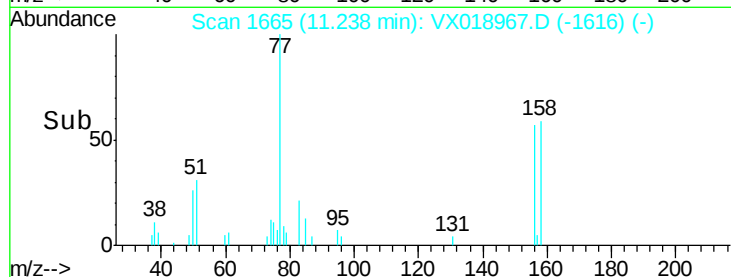
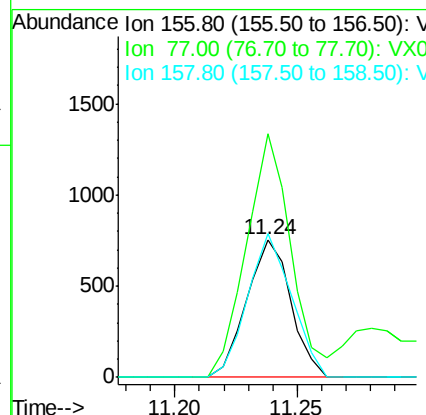
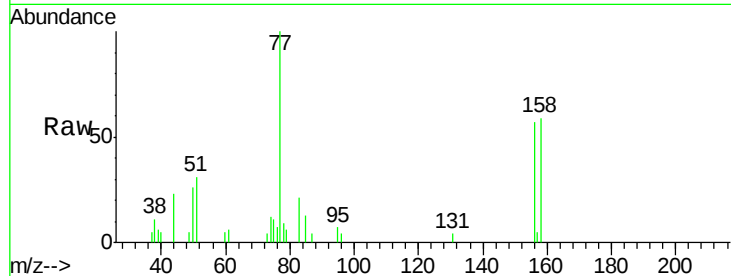
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.7	77.4	232.2
158	104.5	50.6	151.9

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#78

n-propylbenzene

Concen: 0.959 ug/l

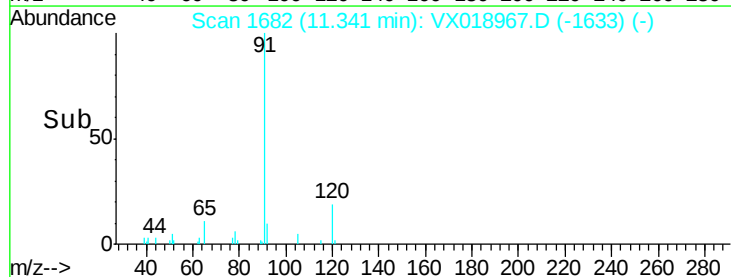
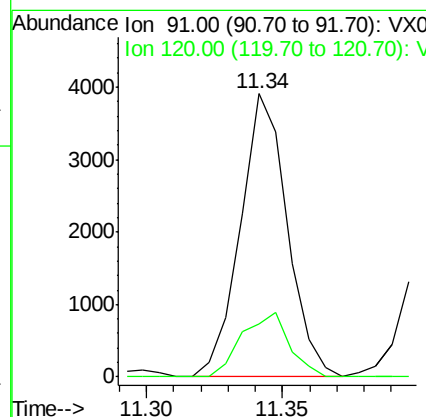
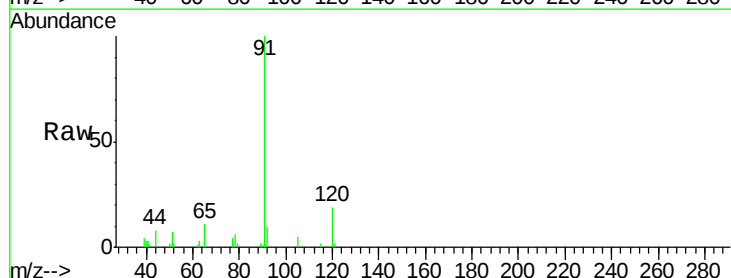
RT: 11.34 min Scan# 1682

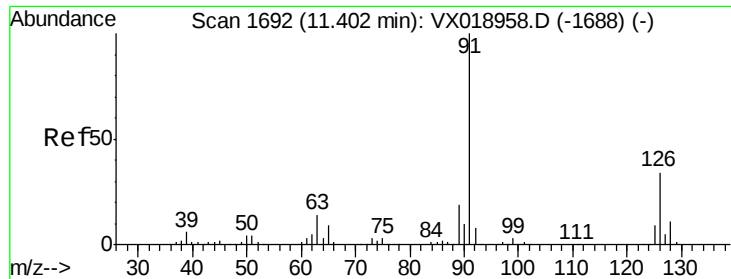
Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	12.2	36.4





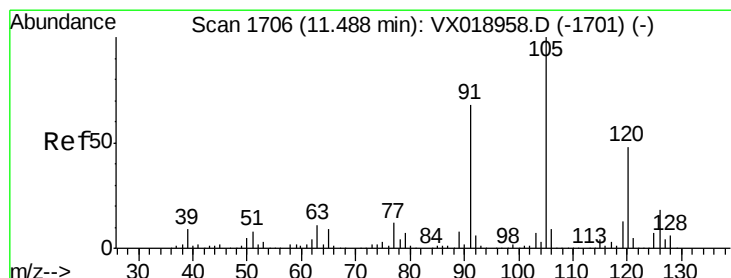
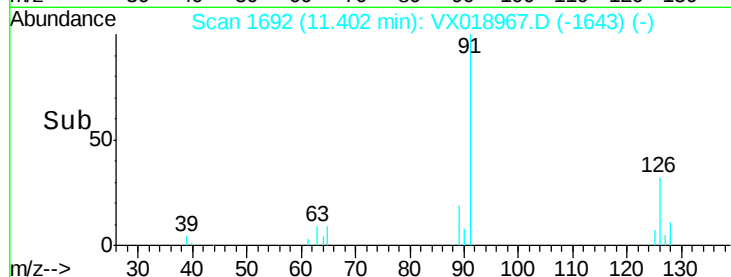
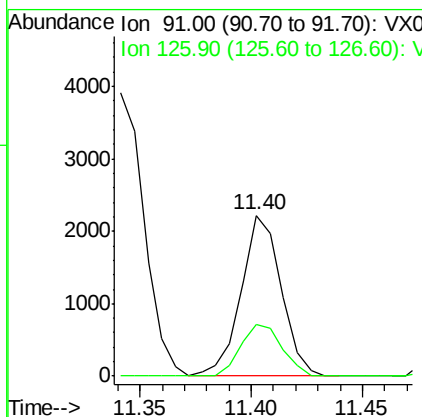
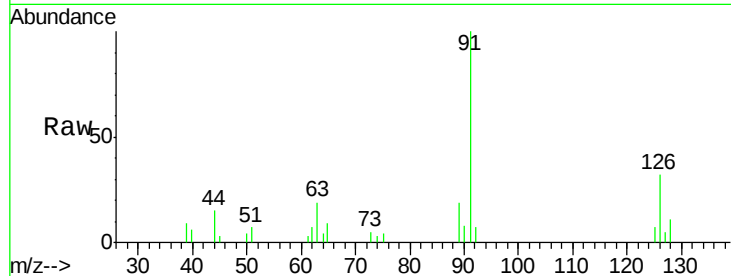
#79
 2-Chlorotoluene
 Concen: 0.989 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion: 91 Resp: 2815
 Ion Ratio Lower Upper
 91 100
 126 32.7 17.6 52.9

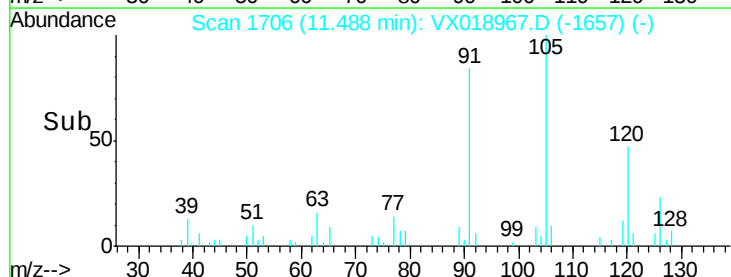
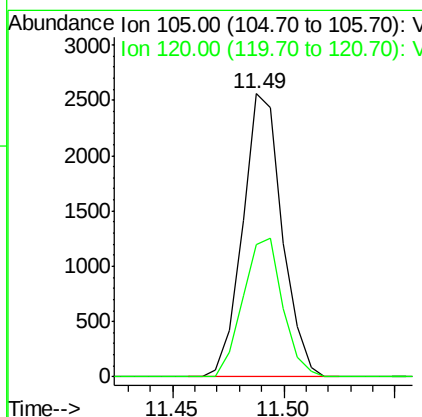
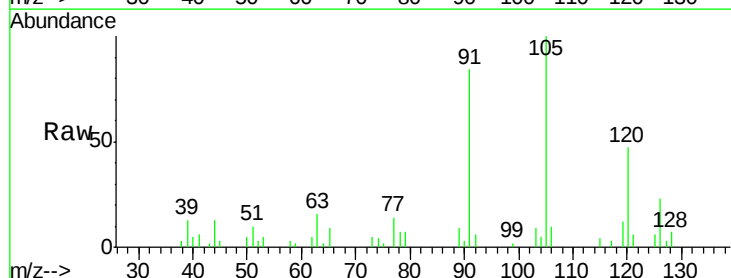
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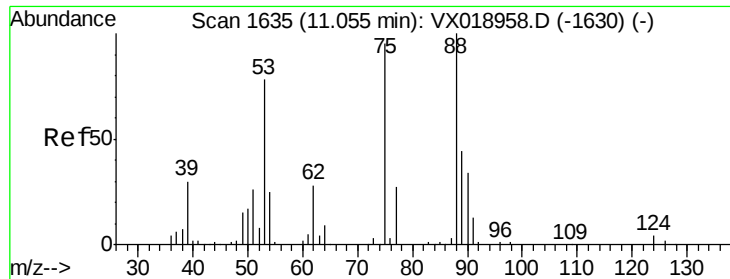
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 0.889 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion: 105 Resp: 3166
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.1 75.3





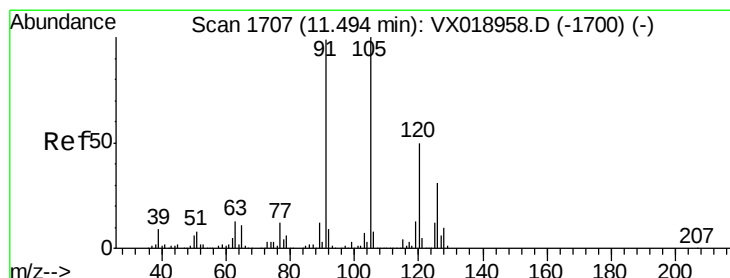
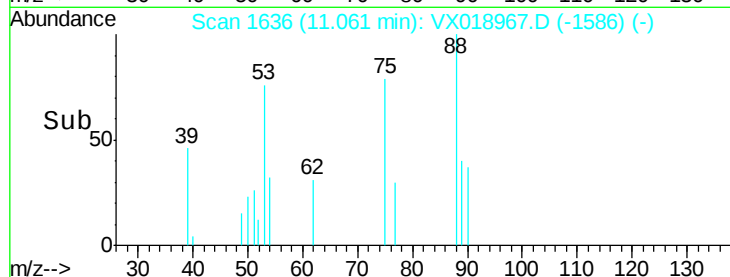
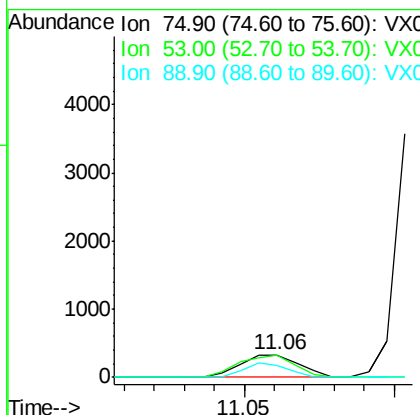
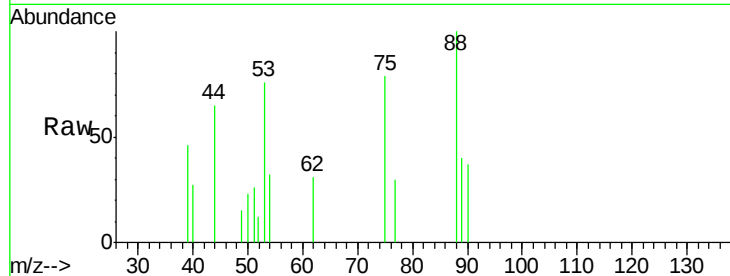
#81
trans-1,4-Dichloro-2-butene
Concen: 0.882 ug/l m
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

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

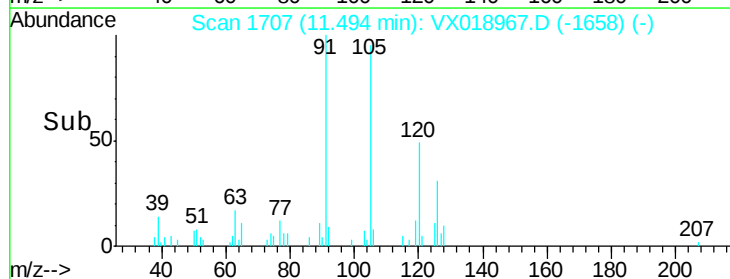
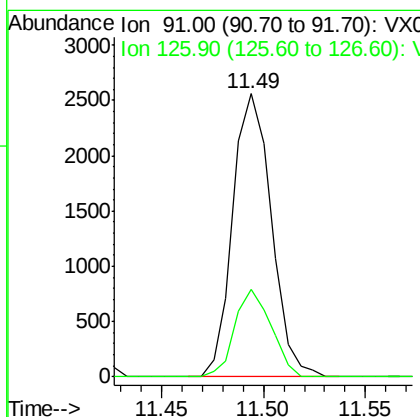
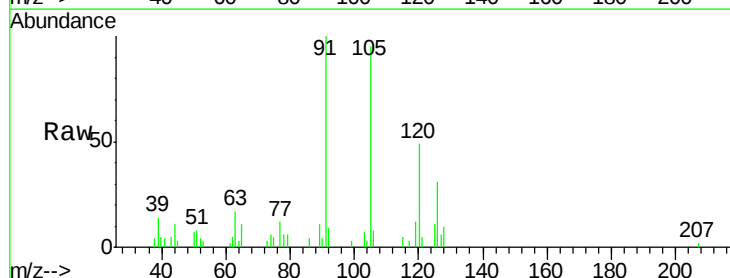
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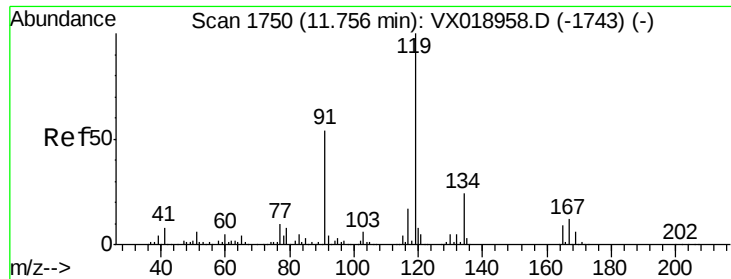
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#82
4-Chlorotoluene
Concen: 0.983 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.8	47.4





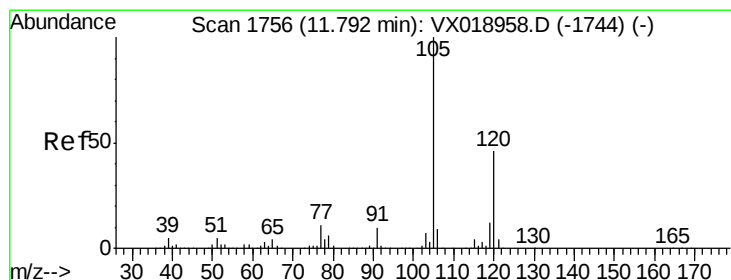
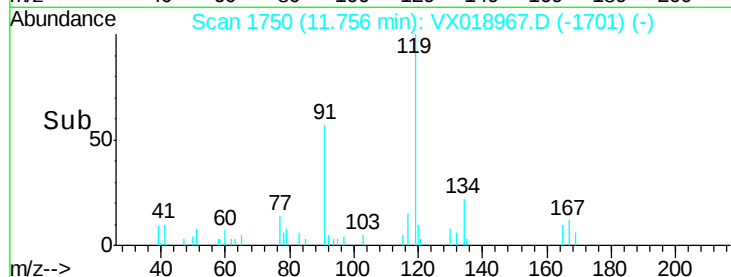
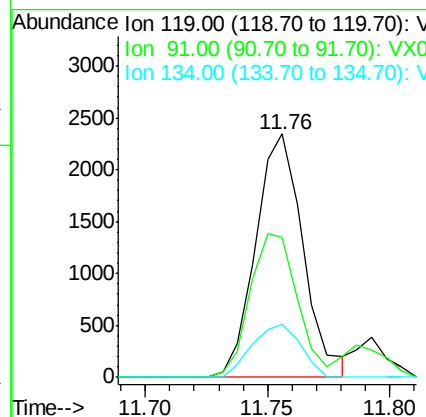
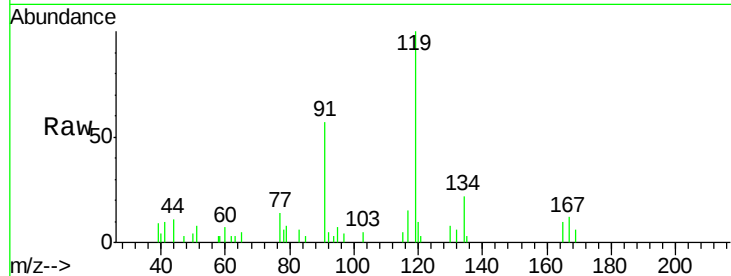
#83
tert-Butylbenzene
Concen: 0.895 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	3181		
91	59.0		27.2	81.6
134	22.4		11.8	35.4

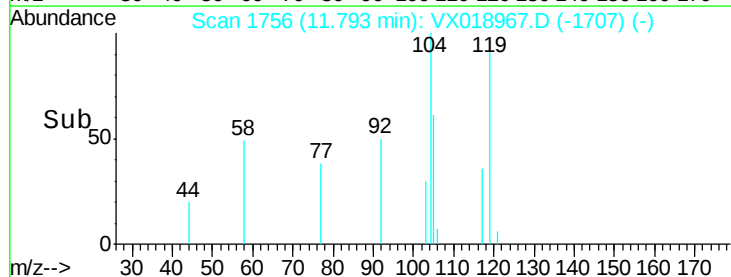
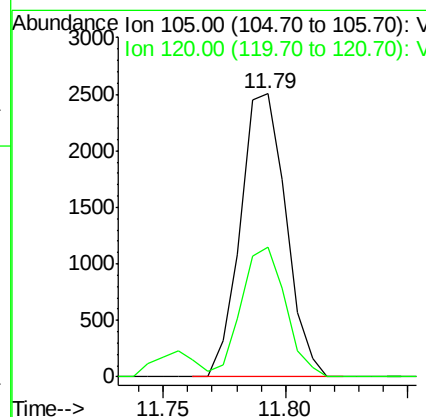
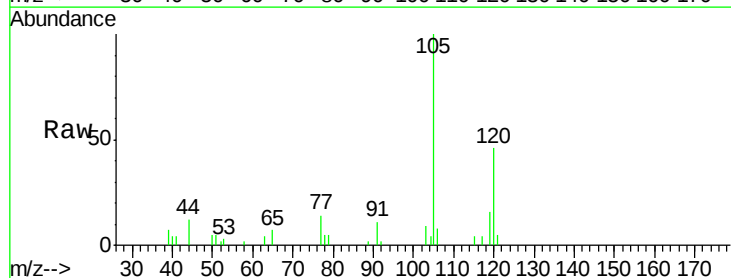
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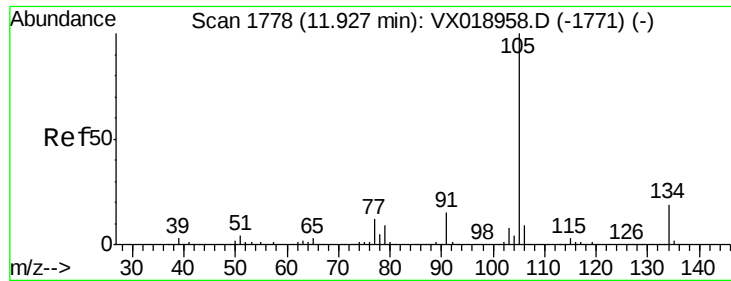
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#84
1,2,4-Trimethylbenzene
Concen: 0.908 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	3230		
120	44.5		22.9	68.5





#85

sec-Butylbenzene

Concen: 0.908 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:105 Resp: 3795

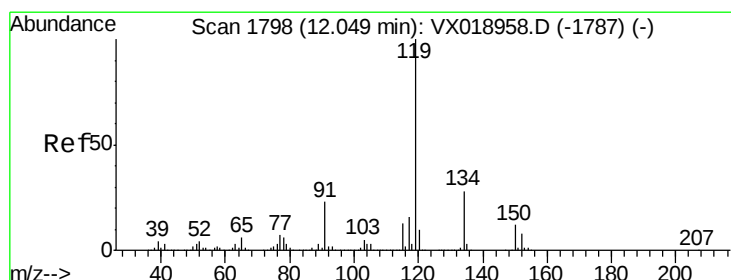
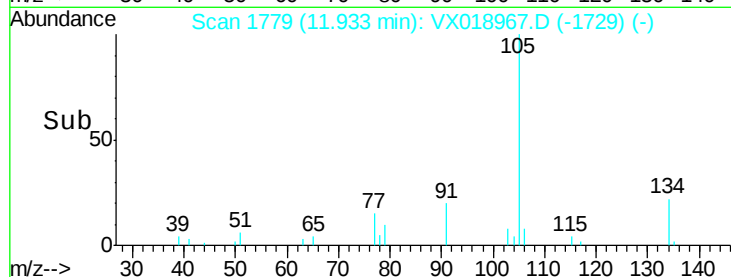
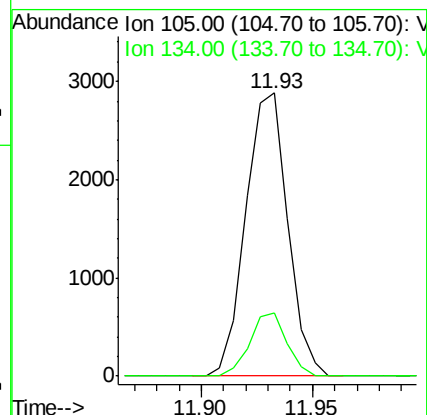
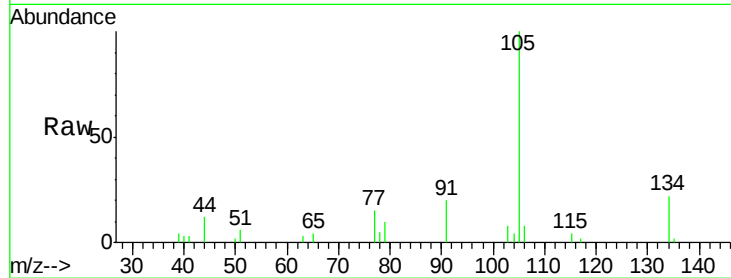
Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 0.859 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018967.D

Acq: 19 Oct 2020 21:46

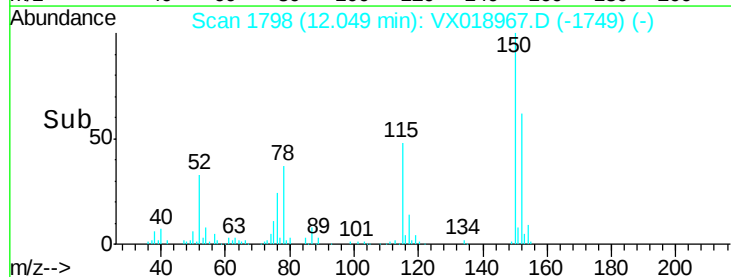
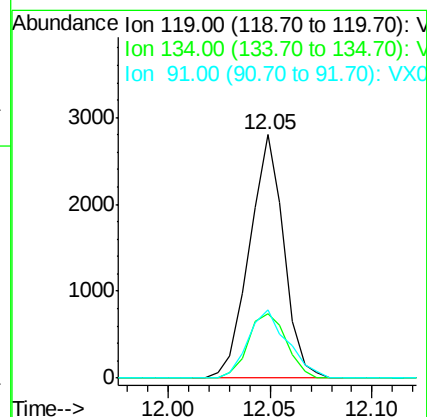
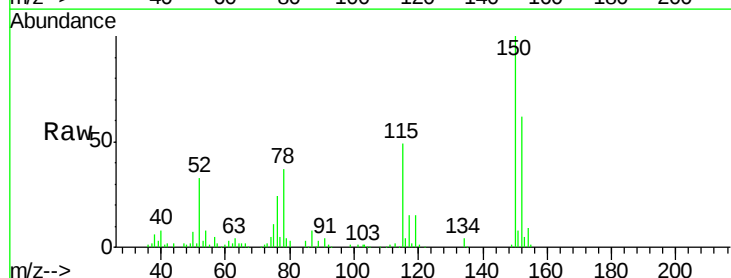
Tgt Ion:119 Resp: 3285

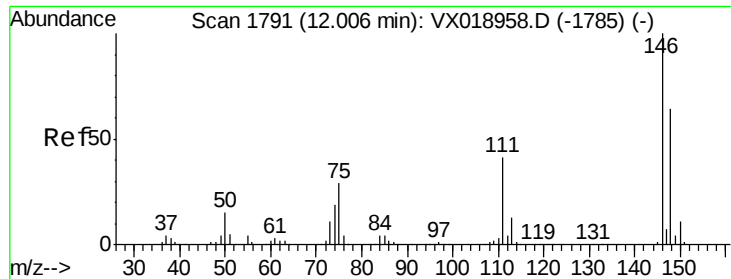
Ion Ratio Lower Upper

119 100

134 29.5 13.8 41.4

91 32.0 11.5 34.5





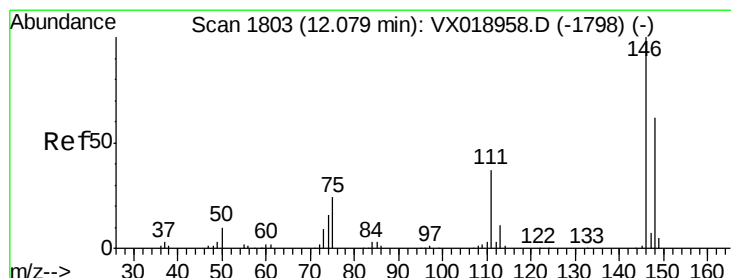
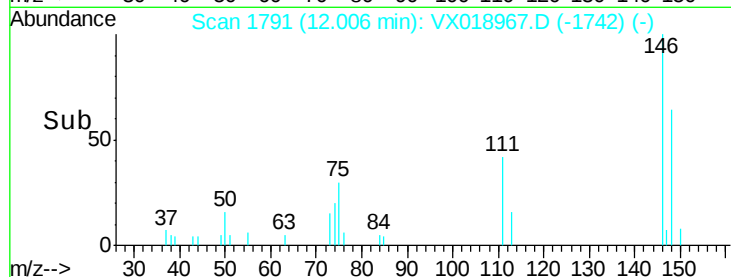
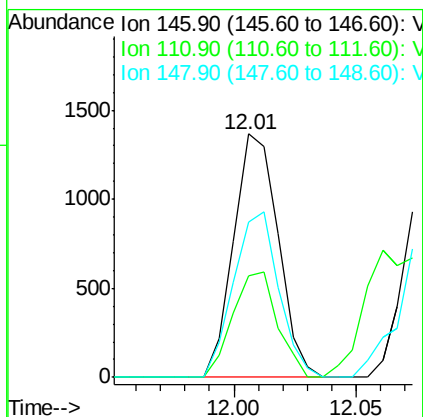
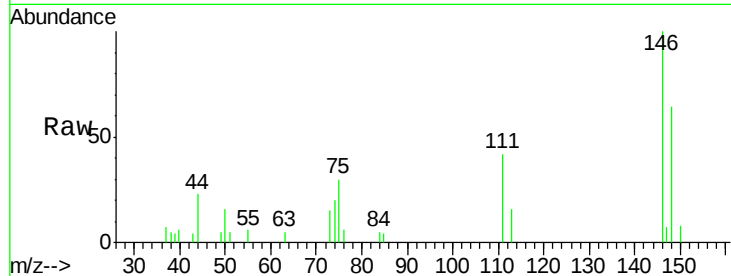
#87
 1,3-Dichlorobenzene
 Concen: 0.891 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.8	59.4
148	69.2	32.4	97.2

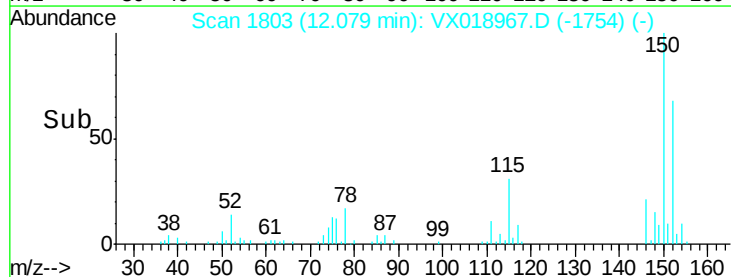
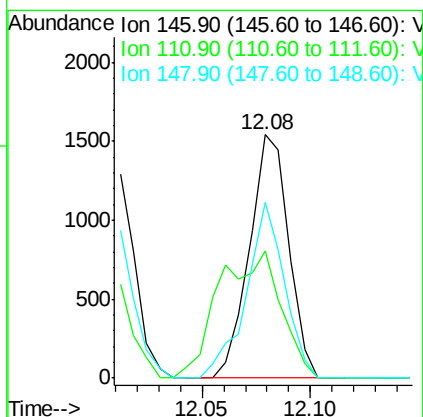
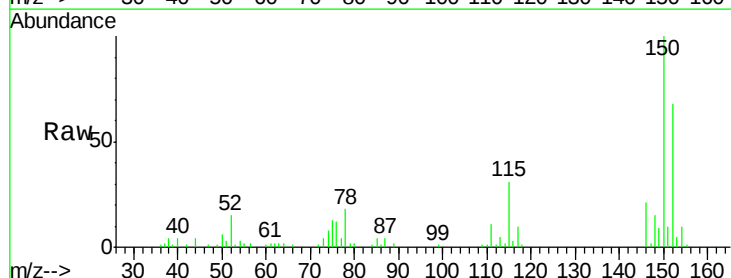
Manual Integrations
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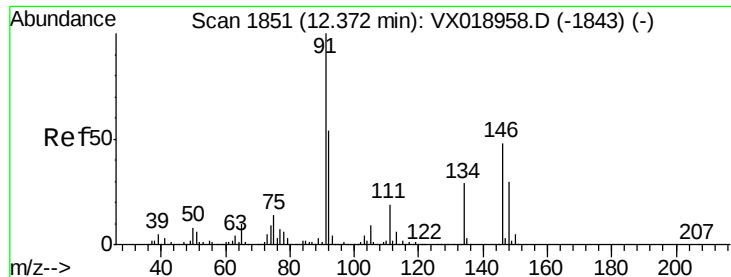
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#88
 1,4-Dichlorobenzene
 Concen: 0.970 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	61.2	31.7	95.1





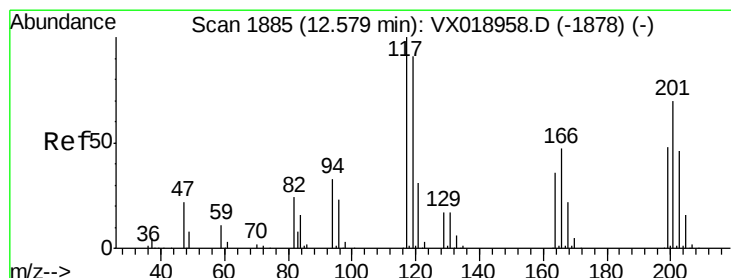
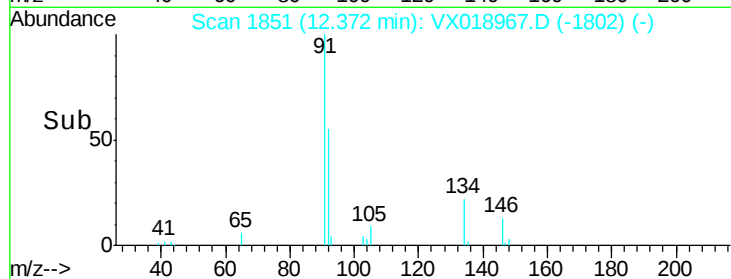
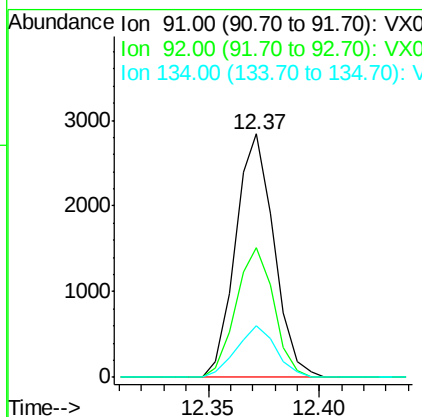
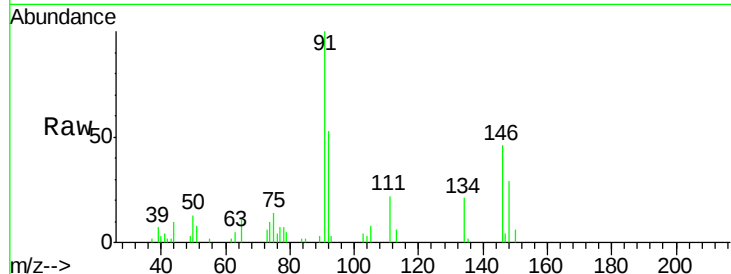
#89
n-Butylbenzene
Concen: 0.978 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion: 91 Resp: 3408
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.5
134 21.8 14.2 42.6

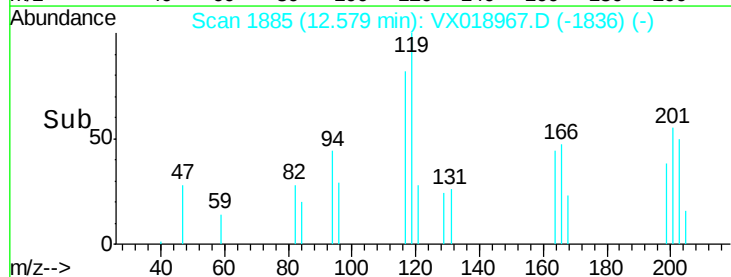
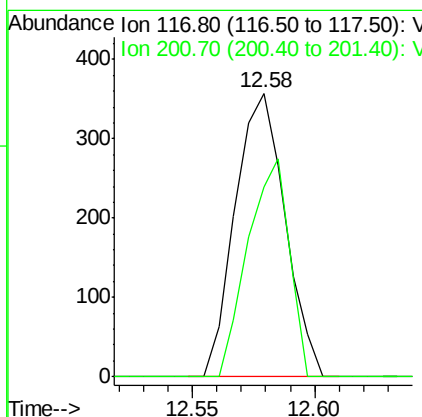
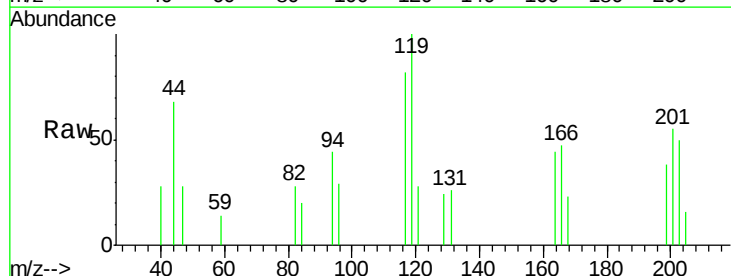
Manual Integrations
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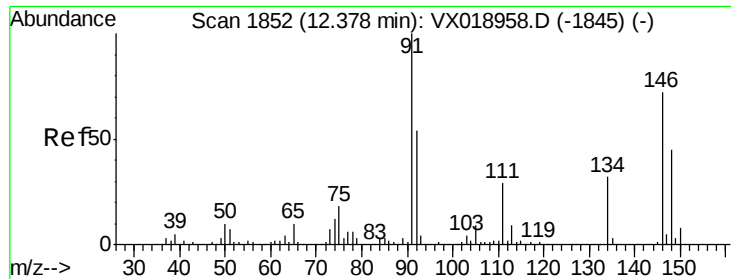
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#90
Hexachloroethane
Concen: 0.816 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion: 117 Resp: 509
Ion Ratio Lower Upper
117 100
201 63.7 36.9 110.7





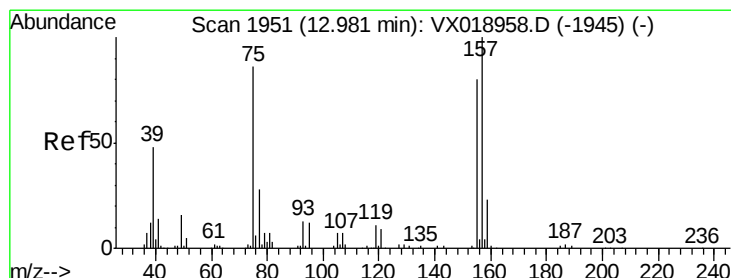
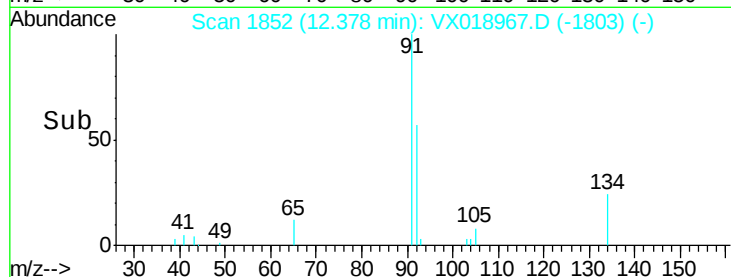
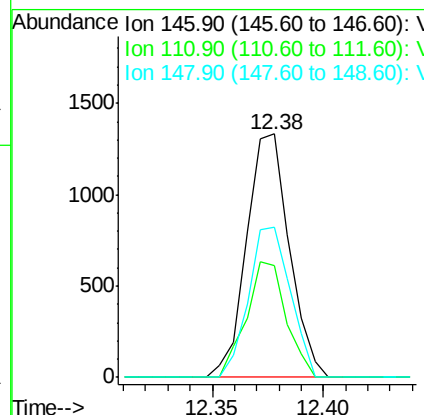
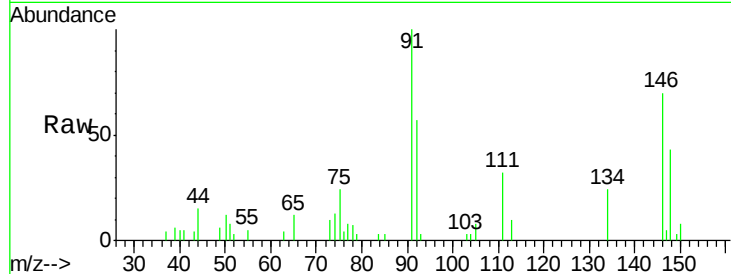
#91
 1,2-Dichlorobenzene
 Concen: 0.958 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.2	60.6
148	60.0	31.4	94.0

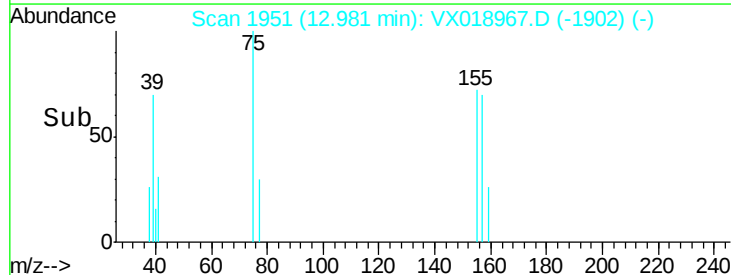
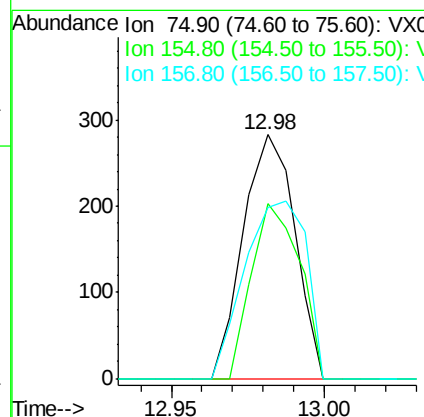
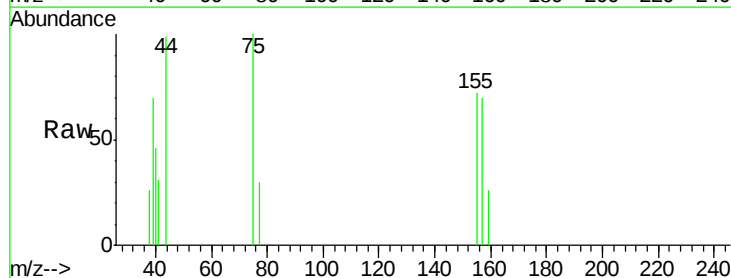
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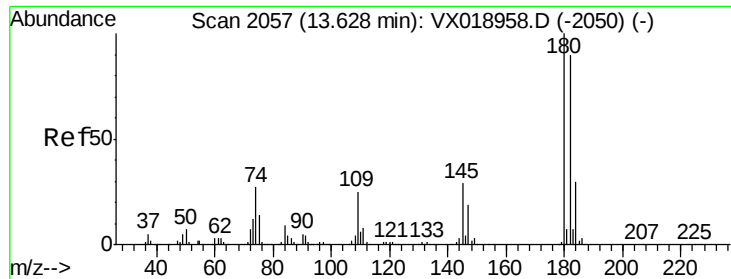
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.047 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.1	48.2	144.6
157	86.7	62.2	186.6





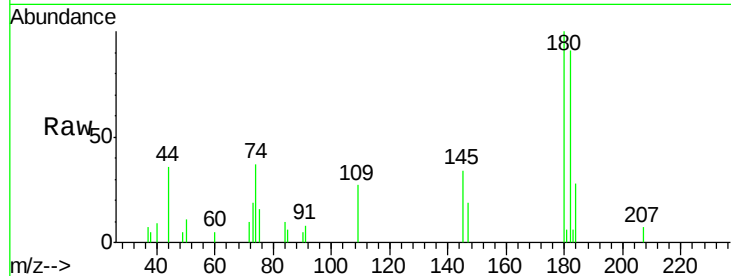
#93
 1,2,4-Trichlorobenzene
 Concen: 0.948 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

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

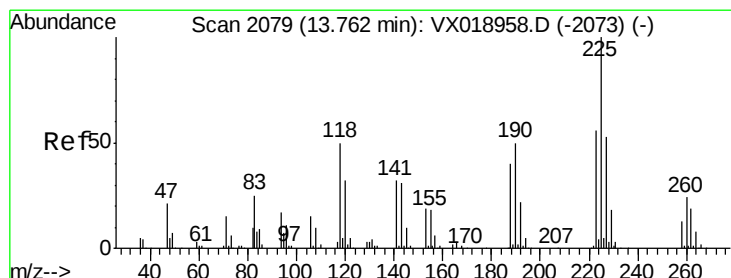
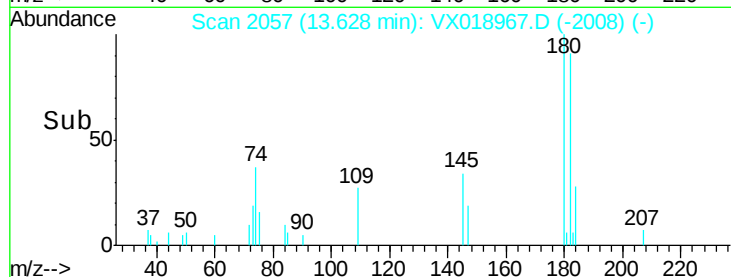
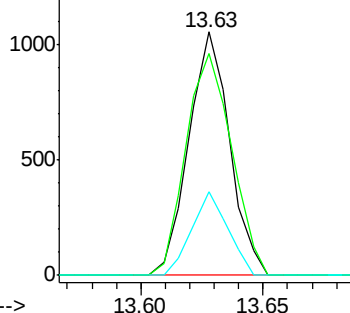
Tot Ion	Ratio	Lower	Upper
180	100		
182	102.0	46.3	138.9
145	30.4	15.5	46.5

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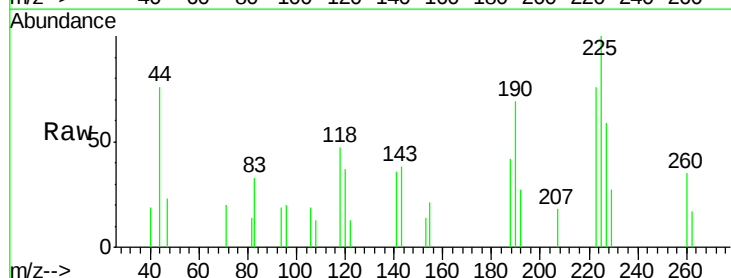


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

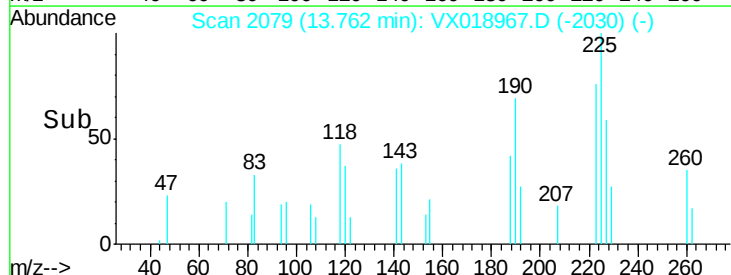
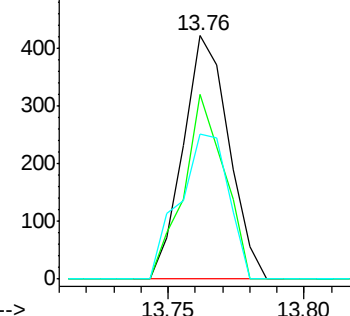


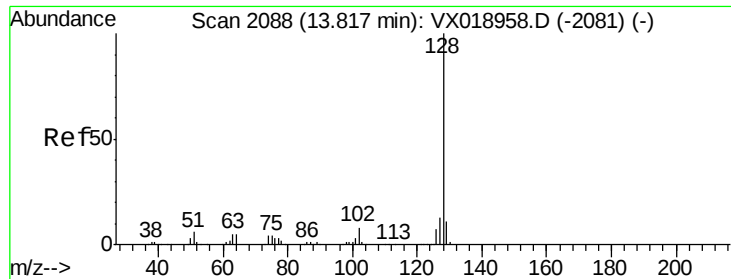
#94
 Hexachlorobutadiene
 Concen: 0.914 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018967.D
 Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	31.4	94.0
227	64.0	30.9	92.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





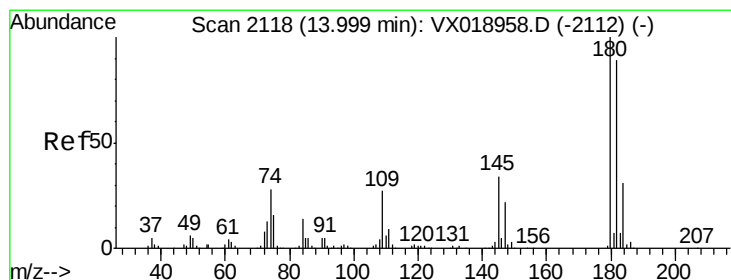
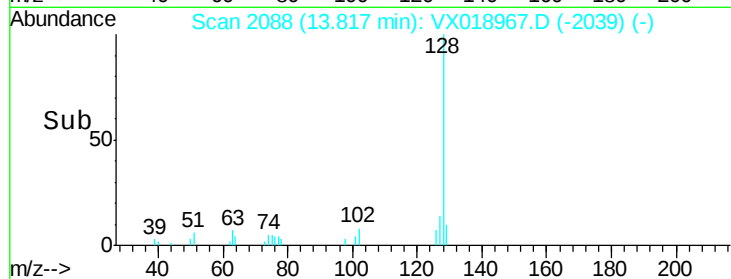
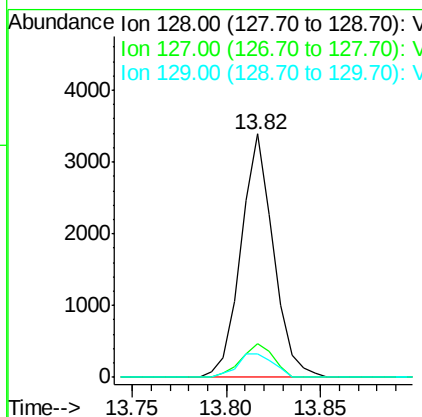
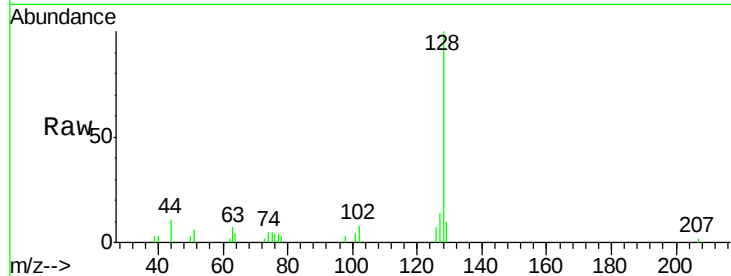
#95
Naphthalene
Concen: 0.918 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 0.839 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018967.D
Acq: 19 Oct 2020 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.6	139.7
145	37.8	17.0	51.0

