

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001912.D
 Acq On : 22 May 2018 23:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:46 AM

Quant Time: May 23 03:11:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174871	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.51	113	150922	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.72	98	542960	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	11.14	95	180591	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109452	43.82	ug/l	99
3) Chloromethane	1.32	50	135757	50.32	ug/l	98
4) Vinyl Chloride	1.40	62	139582	47.85	ug/l	98
5) Bromomethane	1.64	94	57098	46.28	ug/l	99
6) Chloroethane	1.72	64	93032	50.64	ug/l	99
7) Trichlorofluoromethane	1.93	101	207849	49.04	ug/l	99
8) Diethyl Ether	2.19	74	90111	51.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121960	47.80	ug/l	99
10) Methyl Iodide	2.51	142	149233	63.57	ug/l	99
11) Tert butyl alcohol	3.09	59	182790	308.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116178	47.23	ug/l	98
13) Acrolein	2.30	56	59087	140.67	ug/l	99
14) Allyl chloride	2.73	41	238421	52.44	ug/l	98
15) Acrylonitrile	3.15	53	431998	290.41	ug/l	99
16) Acetone	2.45	43	378062	288.54	ug/l	97
17) Carbon Disulfide	2.57	76	252582	39.36	ug/l	99
18) Methyl Acetate	2.78	43	252371	65.89	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	445501	53.73	ug/l	100
20) Methylene Chloride	2.86	84	141142	50.33	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	125404	46.28	ug/l	97
22) Diisopropyl ether	3.88	45	493753	56.61	ug/l	99
23) Vinyl Acetate	3.83	43	1667973	265.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	252443	52.77	ug/l	100
25) 2-Butanone	4.72	43	637260	317.68	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146238	37.97	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	160951	52.20	ug/l	99
28) Bromochloromethane	5.03	49	134745	63.41	ug/l	99
29) Tetrahydrofuran	5.18	42	412747	315.66	ug/l	98
30) Chloroform	5.22	83	276817	55.09	ug/l	100
31) Cyclohexane	5.58	56	207075	49.38	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	234523	54.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	187391	49.29	ug/l	100
37) Ethyl Acetate	4.87	43	237371	59.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	208634	52.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210048	47.29	ug/l	98
40) Benzene	6.15	78	592174	52.87	ug/l	99
41) Methacrylonitrile	5.07	41	137659	60.08	ug/l	97
42) 1,2-Dichloroethane	6.20	62	220338	54.39	ug/l	100
43) Isopropyl Acetate	6.48	43	364459	58.78	ug/l	99
44) Trichloroethene	7.22	130	175473	50.47	ug/l	98
45) 1,2-Dichloropropane	7.52	63	155773	56.68	ug/l	99
46) Dibromomethane	7.67	93	104814	54.31	ug/l	100
47) Bromodichloromethane	7.90	83	207370	57.90	ug/l	98
48) Methyl methacrylate	7.79	41	199713	61.19	ug/l	99
49) 1,4-Dioxane	7.76	88	84440	1343.65	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1272995	323.94	ug/l	99
52) Toluene	8.79	92	382272	53.11	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	229583	54.48	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	203894	54.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148916	54.13	ug/l	98
56) Ethyl methacrylate	9.19	69	225247	57.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	239489	51.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	602175	300.05	ug/l	100
59) 2-Hexanone	9.51	43	859413	305.51	ug/l	99
60) Dibromochloromethane	9.59	129	157274	55.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	153753	53.38	ug/l	99
64) Tetrachloroethene	9.34	164	180137	49.03	ug/l	99
65) Chlorobenzene	10.15	112	395598	50.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	152741	55.71	ug/l	99
67) Ethyl Benzene	10.26	91	644508	51.95	ug/l	100
68) m/p-Xylenes	10.37	106	510959	104.38	ug/l	99
69) o-Xylene	10.71	106	250875	53.52	ug/l	99
70) Styrene	10.72	104	420943	54.45	ug/l	100
71) Bromoform	10.87	173	132961	51.98	ug/l	100
73) Isopropylbenzene	11.02	105	675831	53.96	ug/l	100
74) N-amyl acetate	6.48	43	364459	60.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	216731	57.69	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	207257m	57.31	ug/l	
77) Bromobenzene	11.26	156	194343	52.81	ug/l	100
78) n-propylbenzene	11.37	91	747891	53.01	ug/l	99
79) 2-Chlorotoluene	11.43	91	447442	53.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557358	54.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	53386	44.39	ug/l	95
82) 4-Chlorotoluene	11.52	91	522801	52.59	ug/l	99
83) tert-Butylbenzene	11.77	119	557000	54.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	581012	54.61	ug/l	100
85) sec-Butylbenzene	11.95	105	679984	53.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	624854	53.50	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	349013	51.28	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	352242	50.05	ug/l	99
89) n-Butylbenzene	12.40	91	507190	50.21	ug/l	100
90) Hexachloroethane	12.60	117	104427	57.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	354614	52.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49851	62.17	ug/l	99

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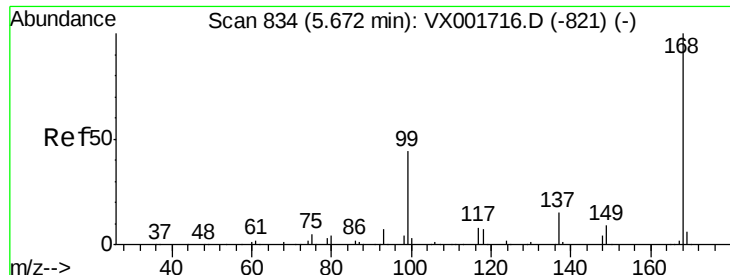
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270338	50.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	144077	49.65	ug/l	99
95) Naphthalene	13.84	128	799440	56.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	283435	52.08	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 248879

Ion Ratio Lower Upper

168 100

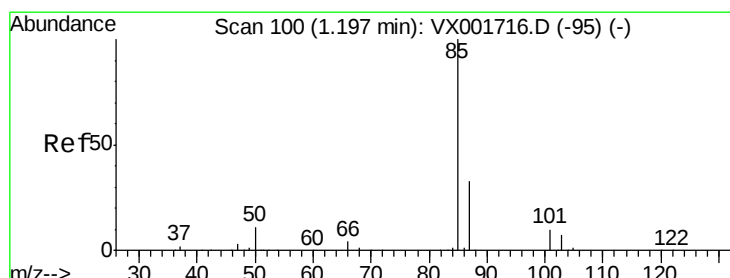
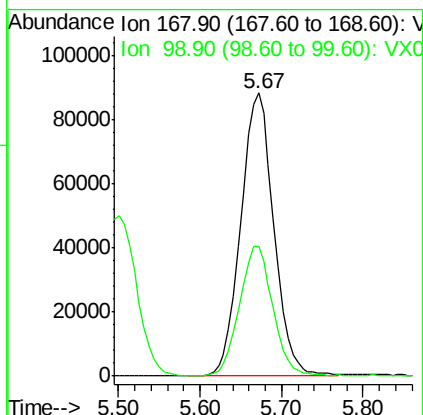
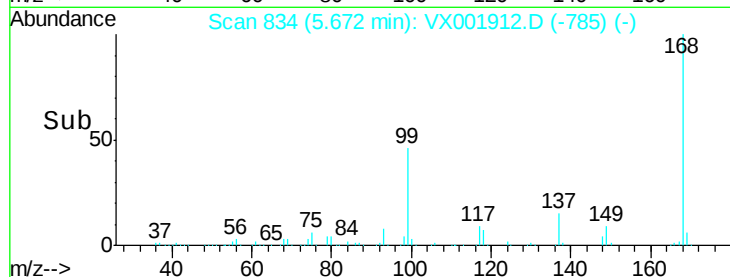
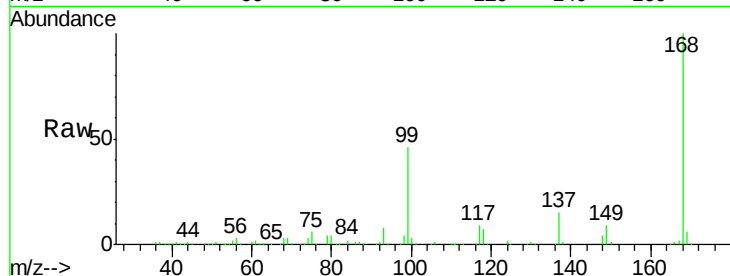
99 45.9 35.0 52.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001912.D

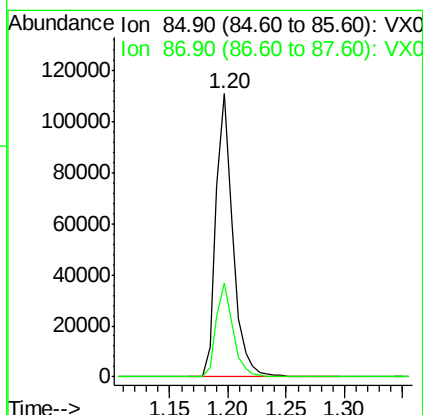
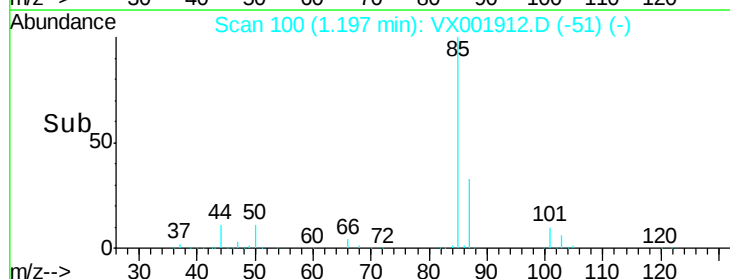
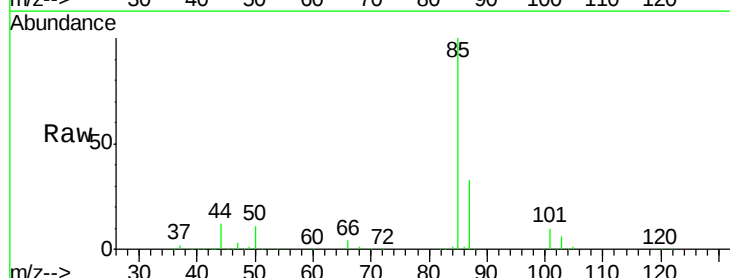
Acq: 22 May 2018 23:38

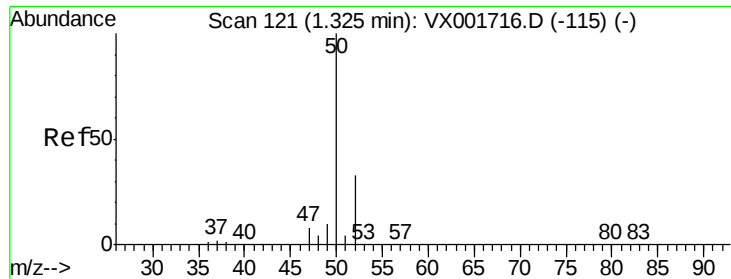
Tgt Ion: 85 Resp: 109452

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.2





#3

Chloromethane

Concen: 50.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 135757

Ion Ratio Lower Upper

50 100

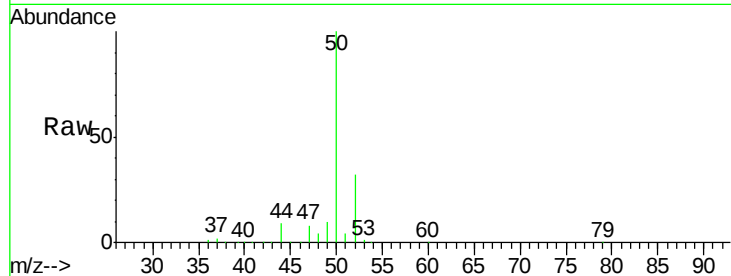
52 31.9 26.3 39.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

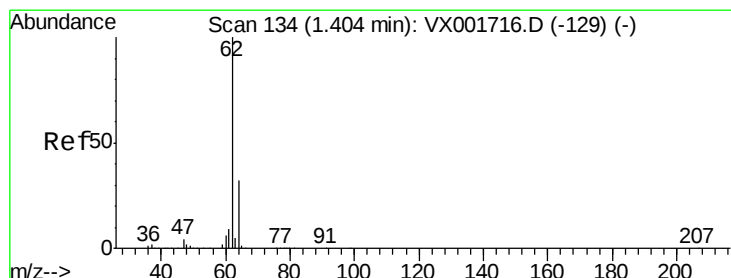
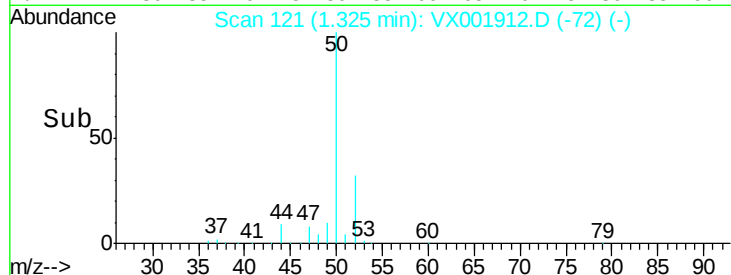
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.85 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001912.D

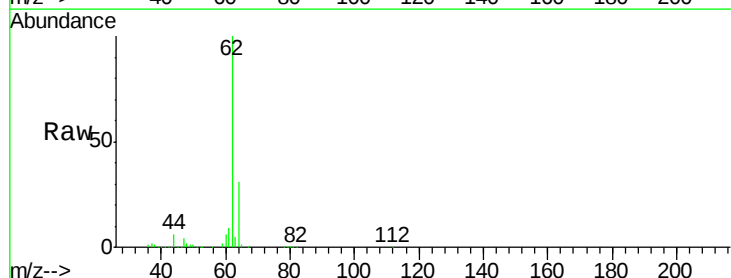
Acq: 22 May 2018 23:38

Tgt Ion: 62 Resp: 139582

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

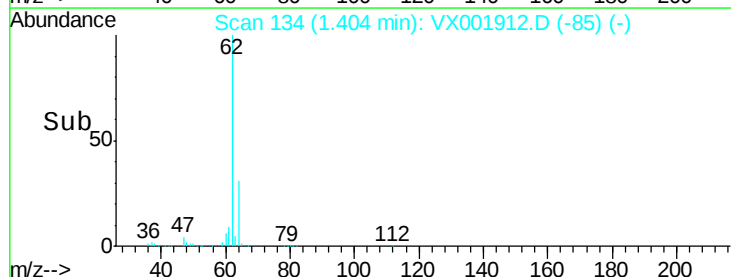
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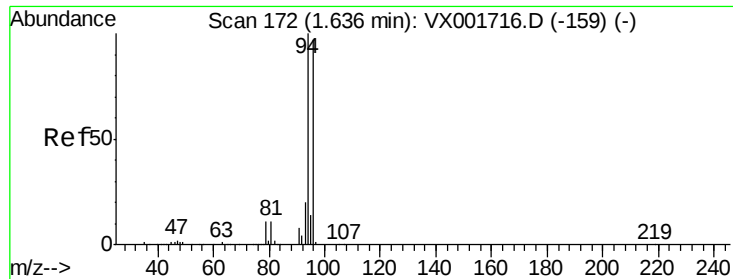
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.28 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 57098

Ion Ratio Lower Upper

94 100

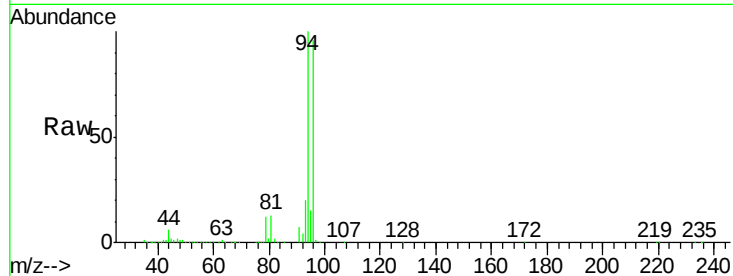
96 96.1 77.4 116.0

Manual Integrations

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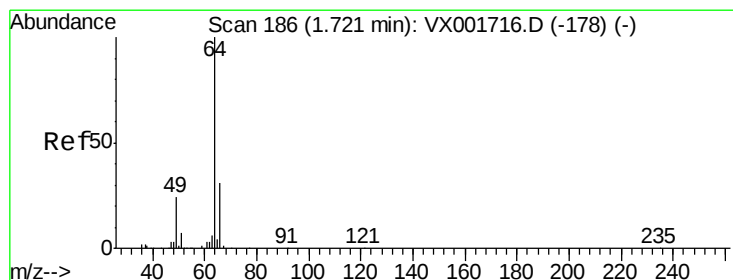
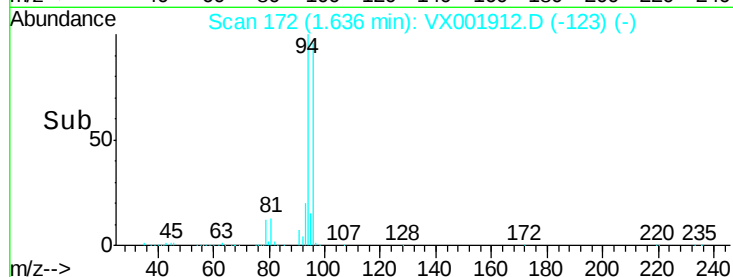
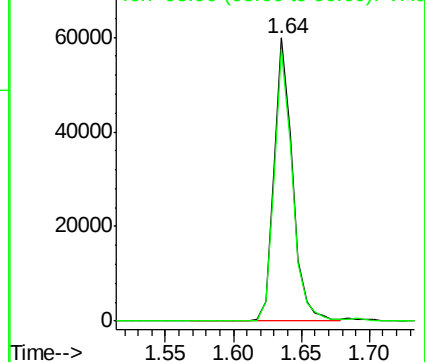
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001912.D

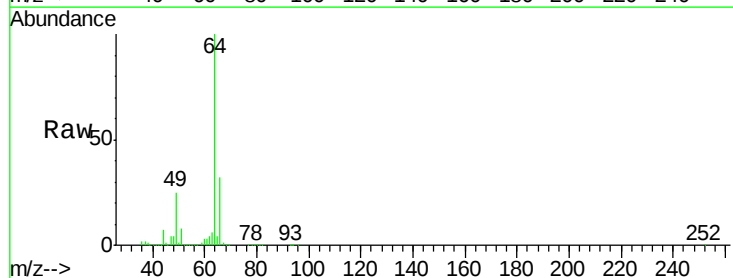
Acq: 22 May 2018 23:38

Tgt Ion: 64 Resp: 93032

Ion Ratio Lower Upper

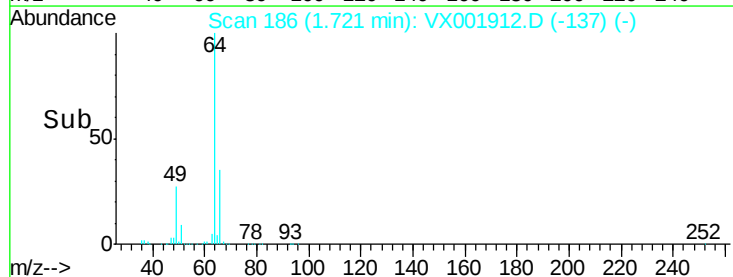
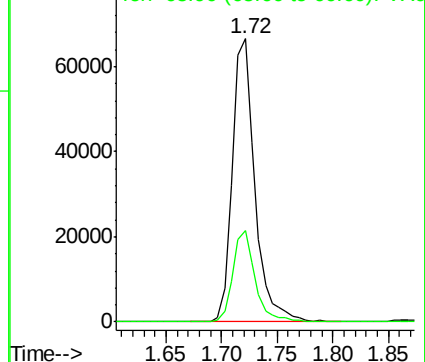
64 100

66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

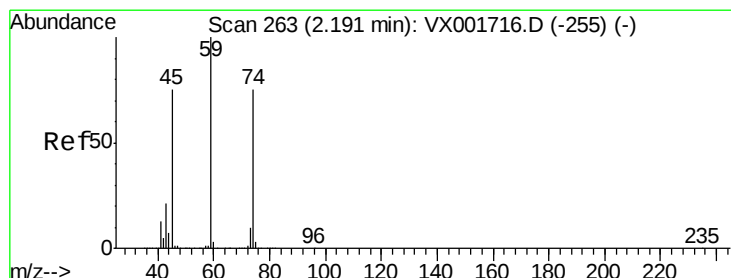
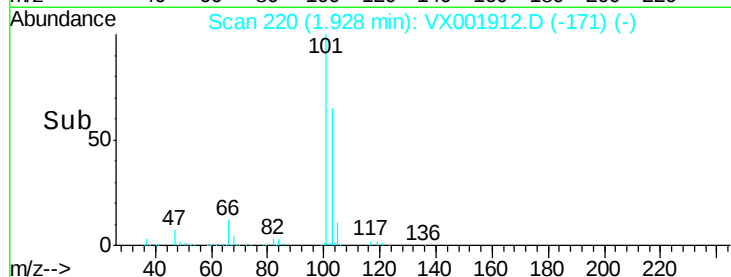
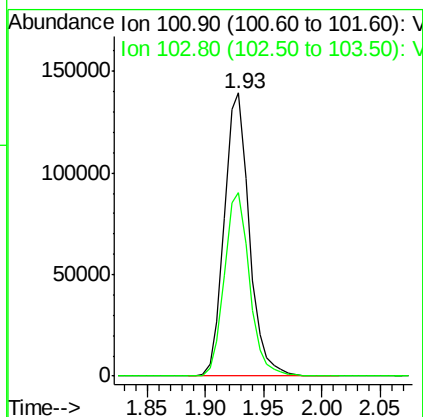
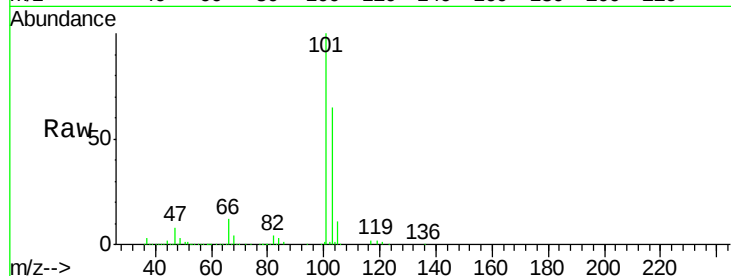
Trichlorofluoromethane
 Concen: 49.04 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	207849		
103	64.6	52.6	78.8	

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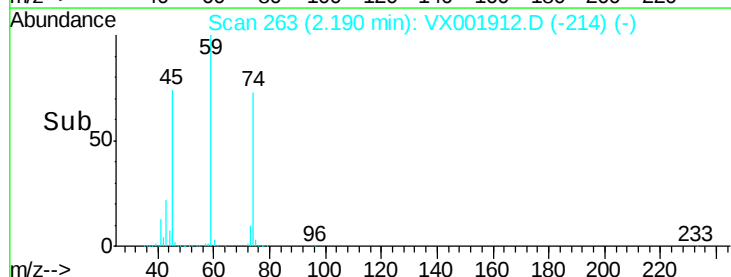
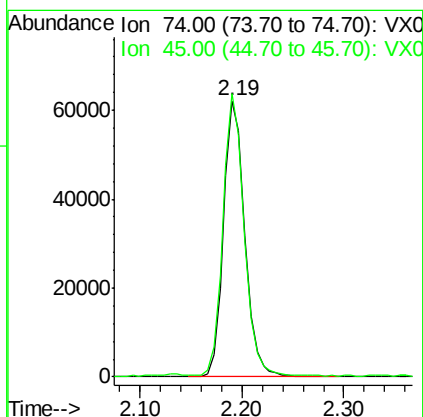
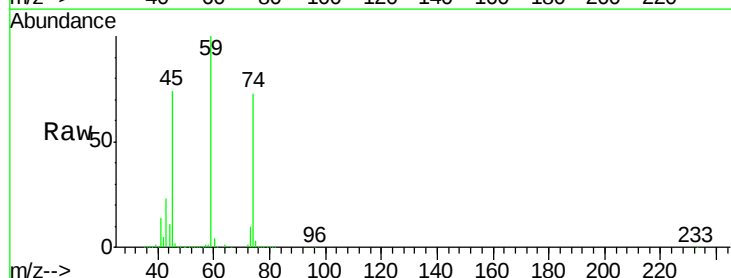
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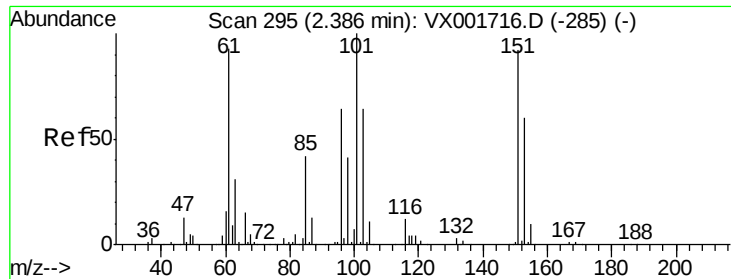


#8

Diethyl Ether
 Concen: 51.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	90111		
45	101.1	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.80 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

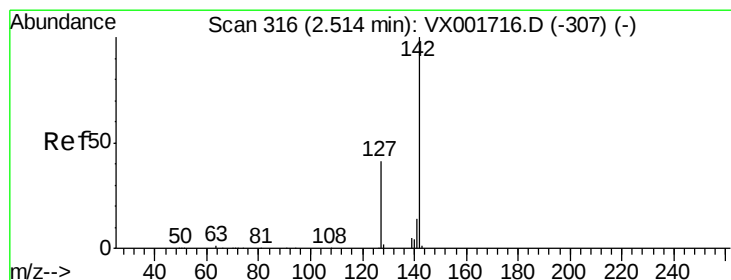
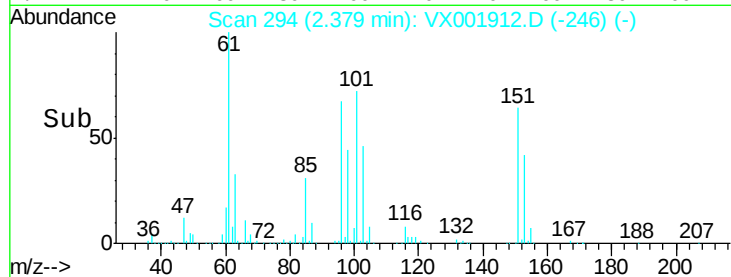
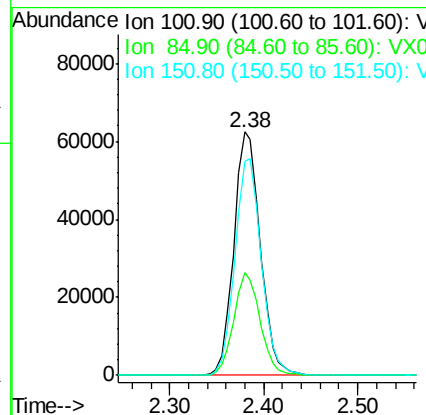
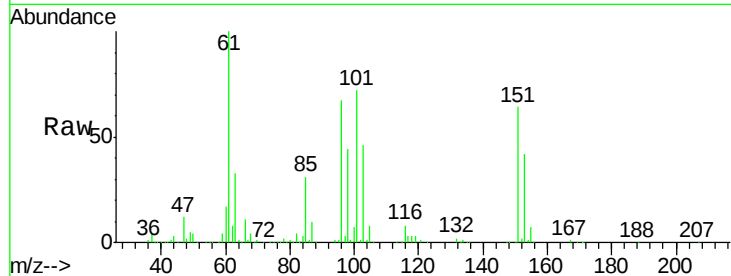
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121960
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	89.3	73.0	109.6

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#10

Methyl Iodide

Concen: 63.57 ug/l

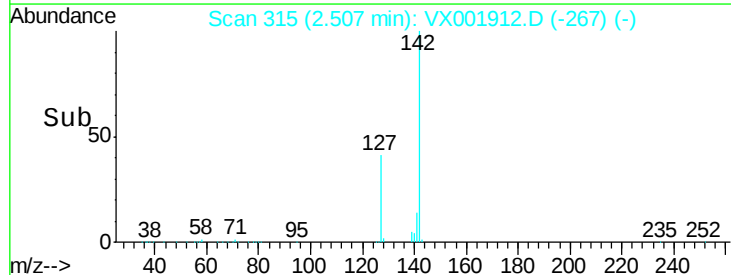
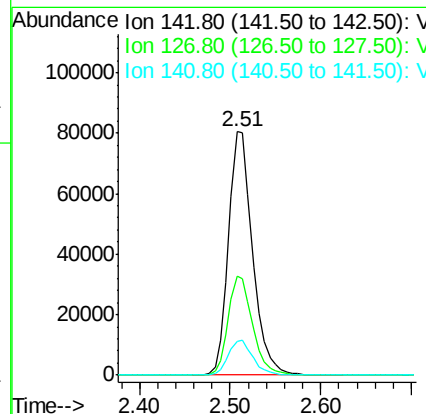
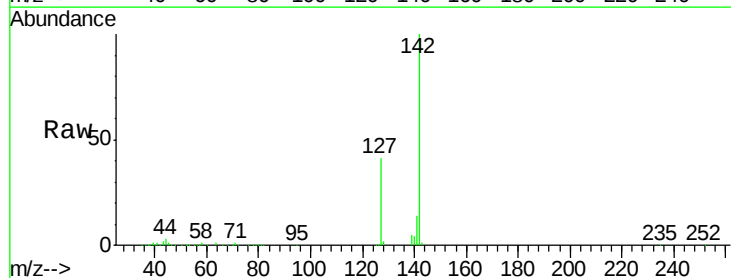
RT: 2.51 min Scan# 315

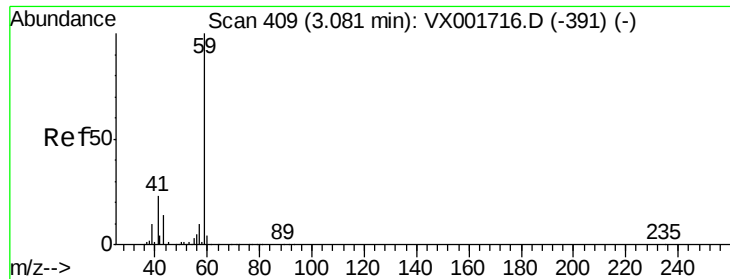
Delta R.T. -0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	142	Resp:	149233
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.5	48.7
141	14.4	11.4	17.0





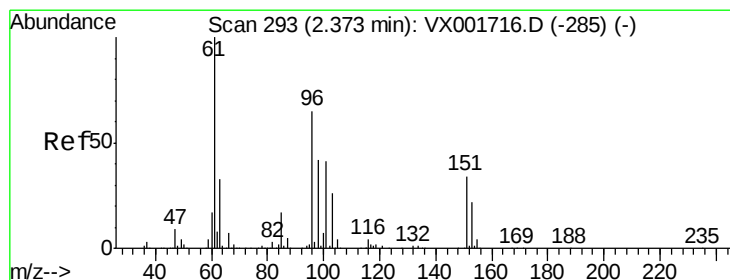
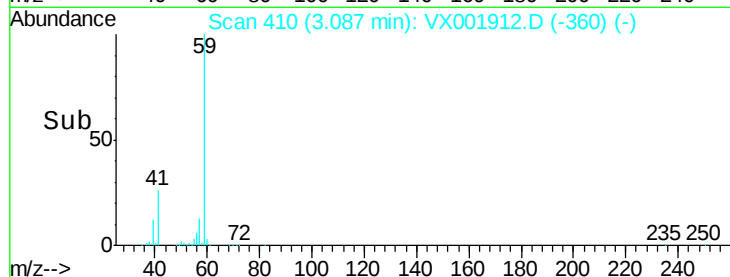
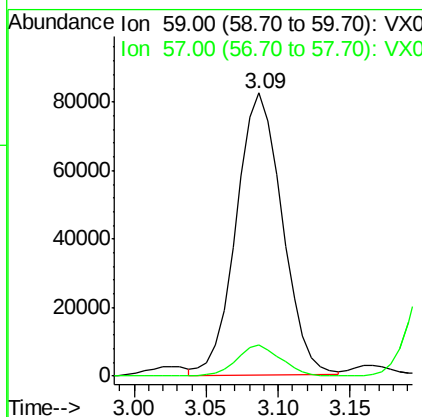
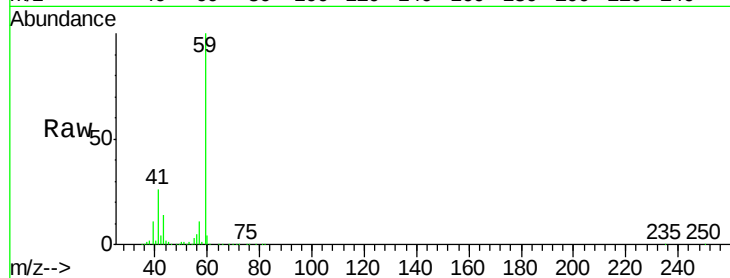
#11
Tert butyl alcohol
Concen: 308.63 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	182790
Ion Ratio	100	Lower	Upper
57	10.8	8.5	12.7

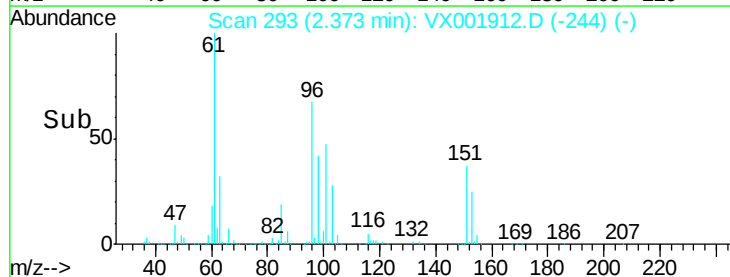
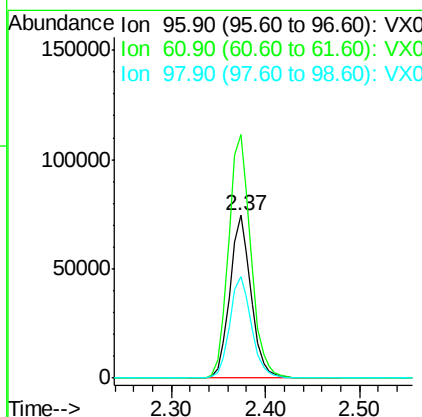
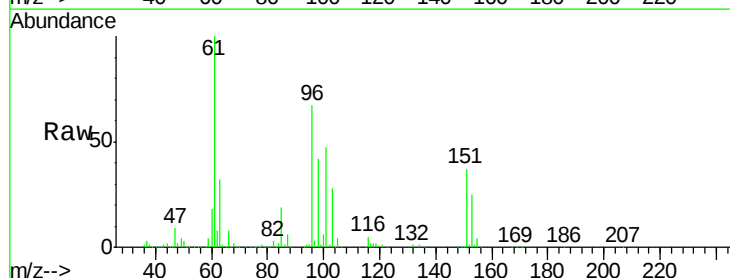
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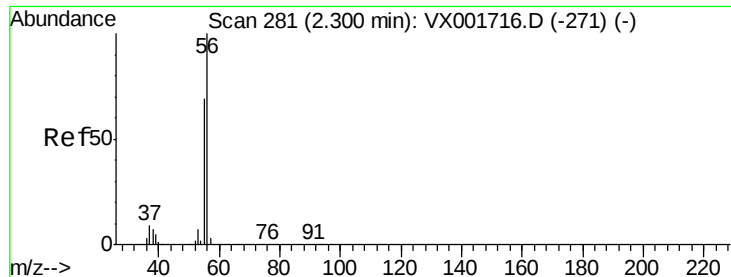
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.23 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	96	Resp	116178
Ion Ratio	100	Lower	Upper
61	149.8	122.2	183.2
98	62.5	51.4	77.0





#13

Acrolein

Concen: 140.67 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 59087

Ion Ratio Lower Upper

56 100

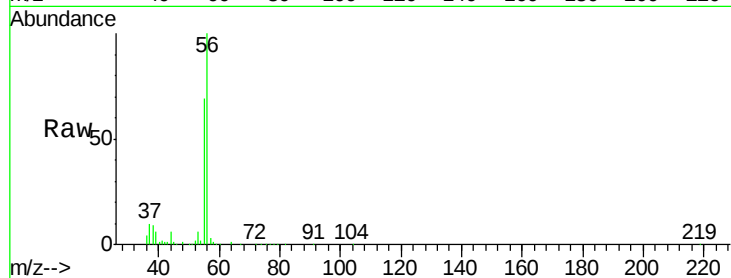
55 70.6 56.2 84.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

40000

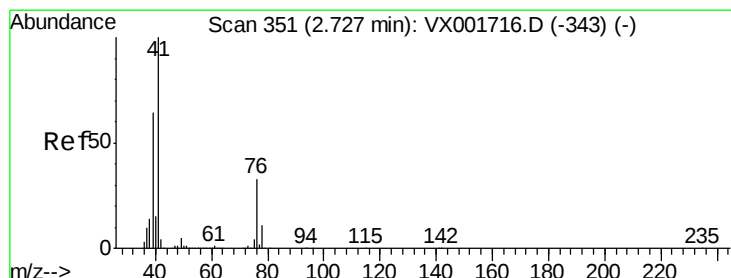
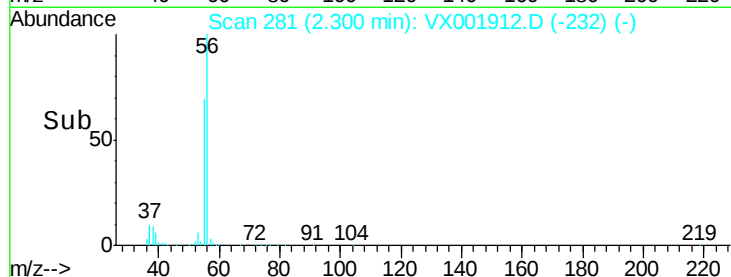
30000

20000

10000

0

Time--> 2.20 2.30 2.40



#14

Allyl chloride

Concen: 52.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

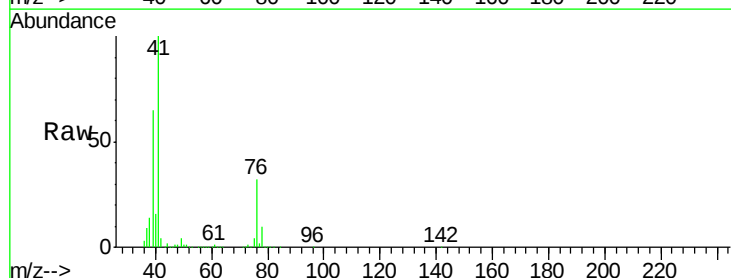
Tgt Ion: 41 Resp: 238421

Ion Ratio Lower Upper

41 100

39 61.1 49.8 74.6

76 29.8 25.8 38.8



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

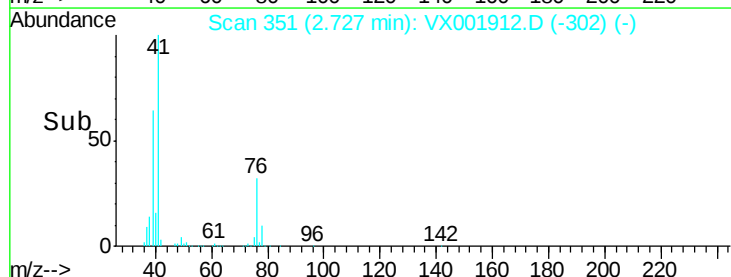
150000

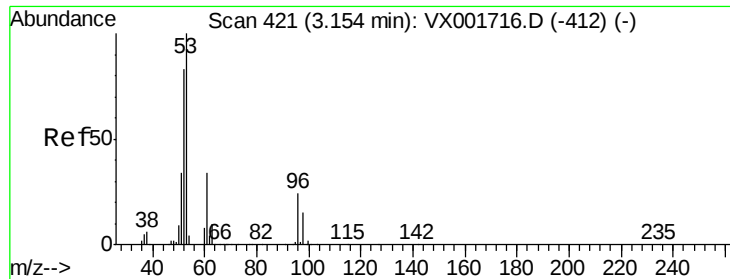
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 290.41 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

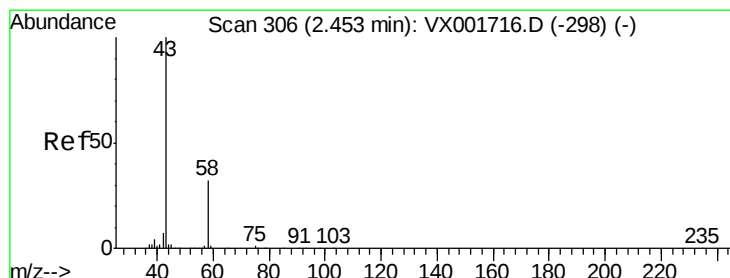
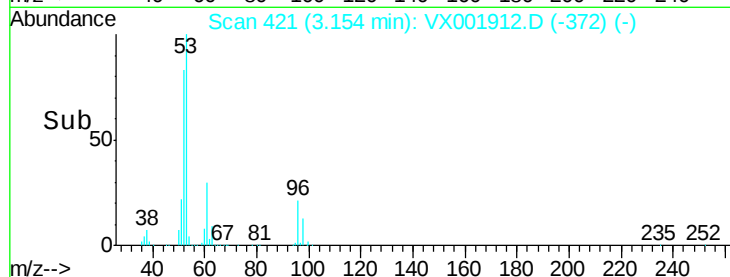
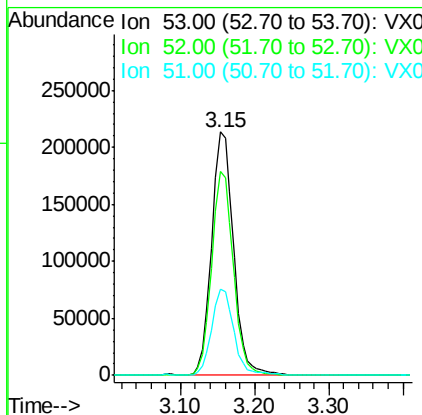
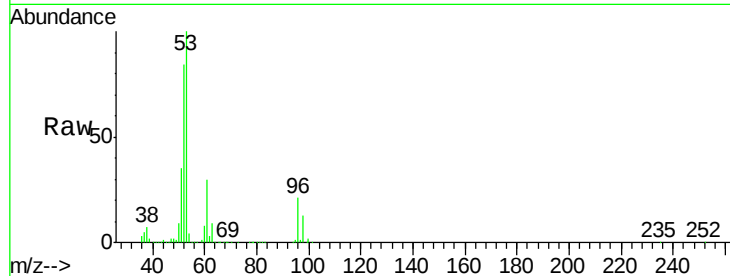
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	431998
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.6	98.4
51	36.0	28.1	42.1

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#16

Acetone

Concen: 288.54 ug/l

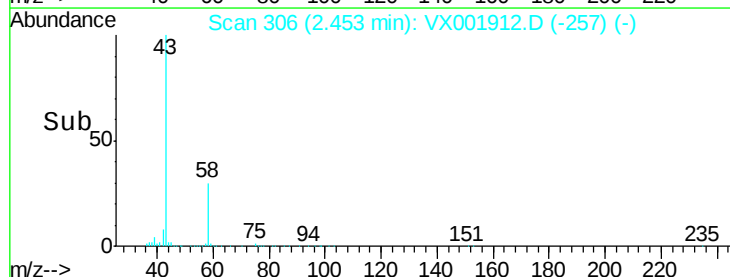
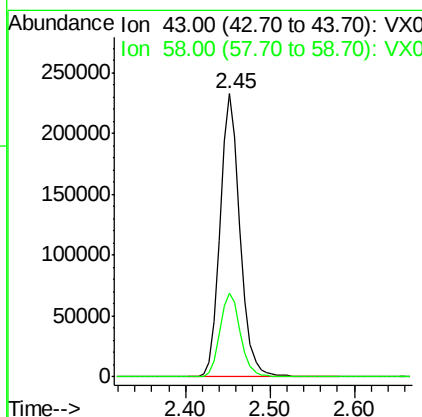
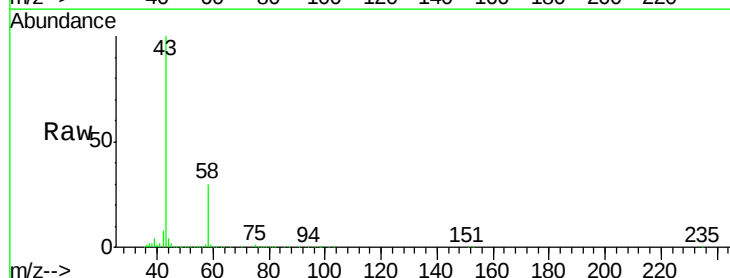
RT: 2.45 min Scan# 306

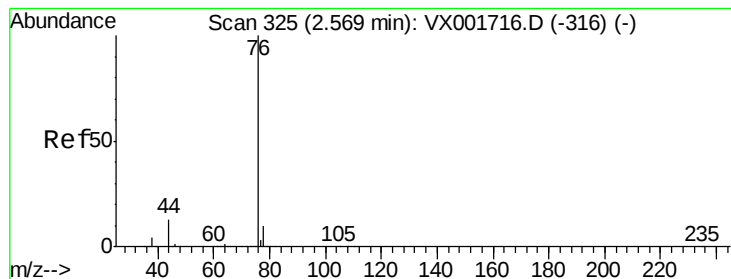
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	43	Resp:	378062
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.3	37.9





#17

Carbon Disulfide

Concen: 39.36 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 252582

Ion Ratio Lower Upper

76 100

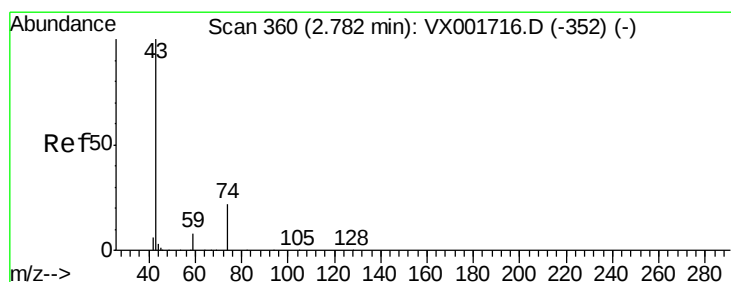
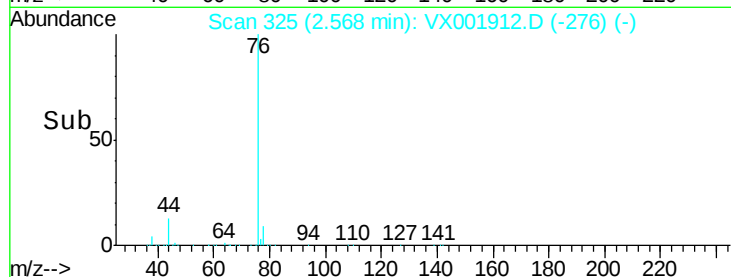
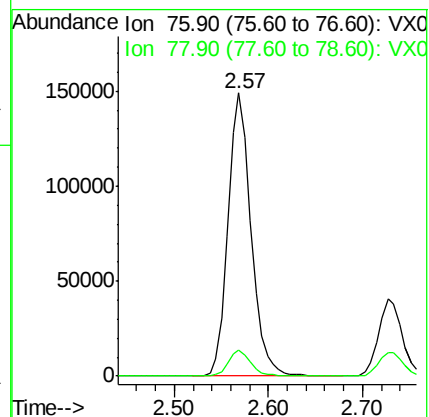
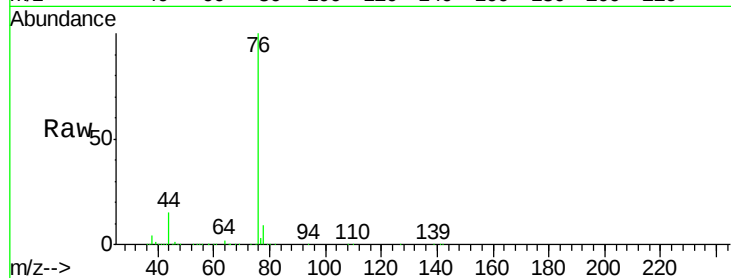
78 9.1 7.6 11.4

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#18

Methyl Acetate

Concen: 65.89 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001912.D

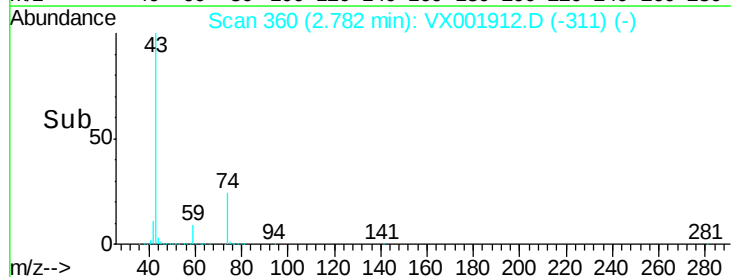
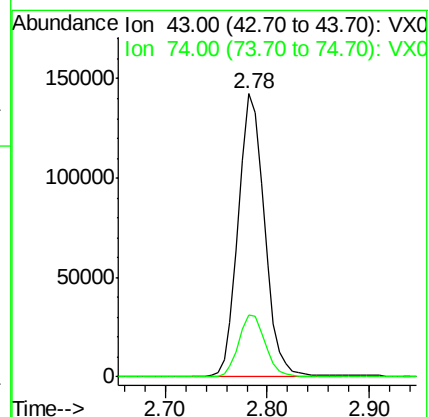
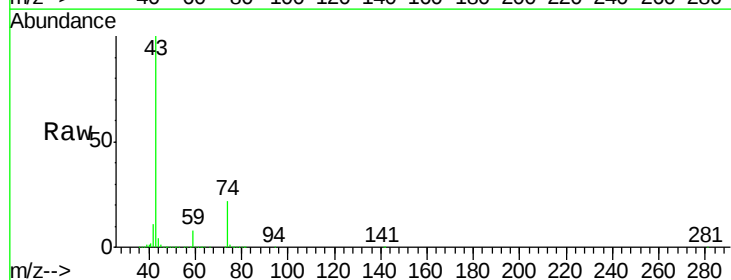
Acq: 22 May 2018 23:38

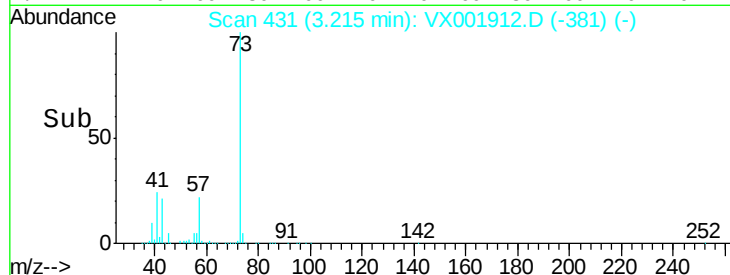
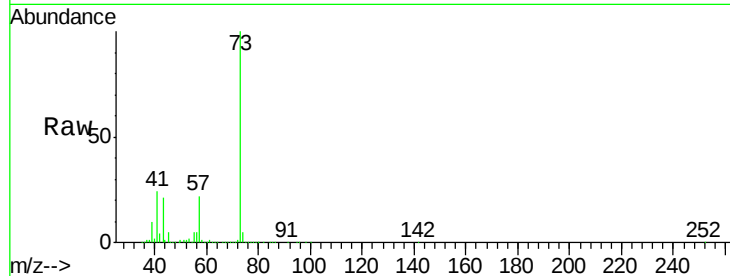
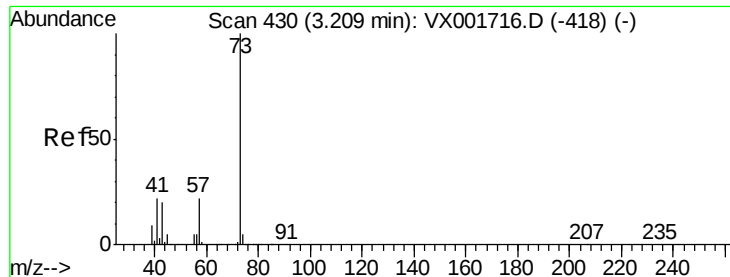
Tgt Ion: 43 Resp: 252371

Ion Ratio Lower Upper

43 100

74 22.2 18.2 27.2





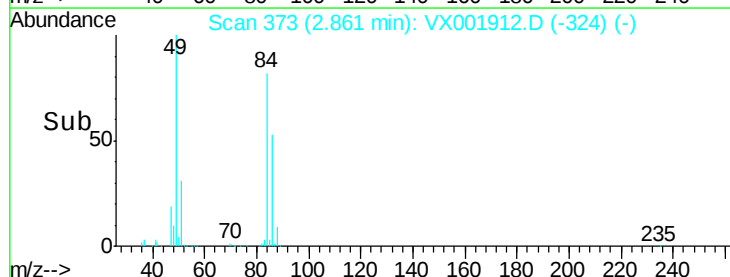
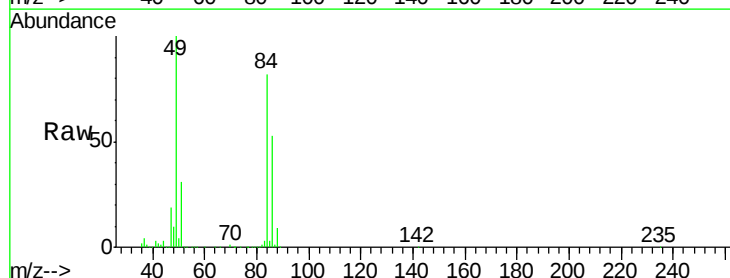
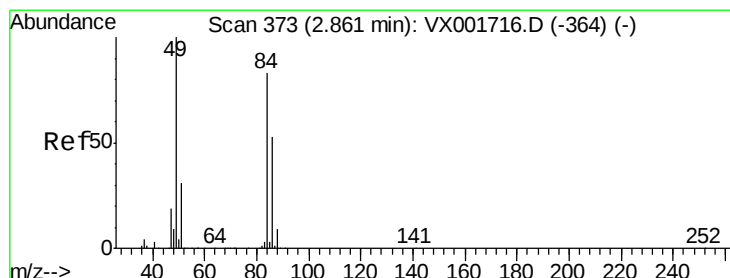
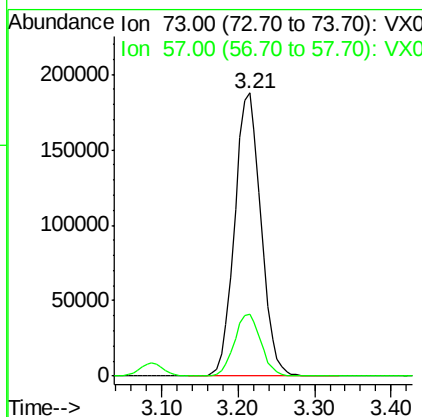
#19
Methvl tert-butvl Ether
Concen: 53.73 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tot Ion	73	Resp	445501
Ion Ratio	100	Lower	Upper
73	100		
57	21.9	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

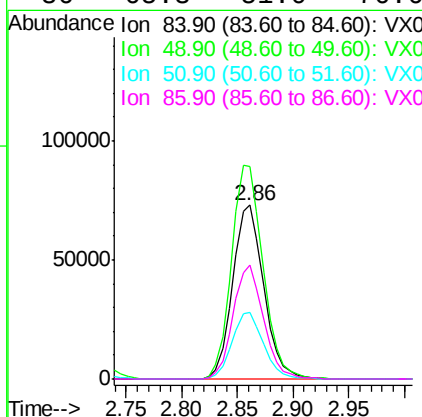
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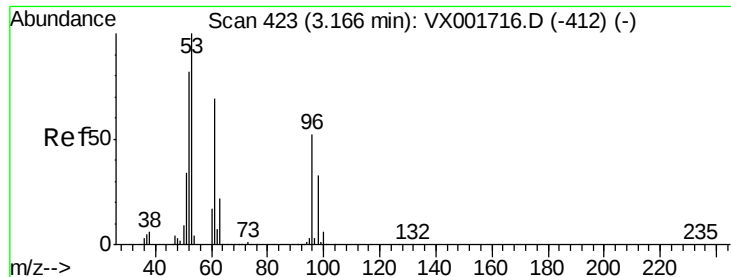
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#20
Methylene Chloride
Concen: 50.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	84	Resp	141142
Ion Ratio	100	Lower	Upper
84	100		
49	122.1	96.3	144.5
51	38.3	29.8	44.6
86	65.3	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 46.28 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

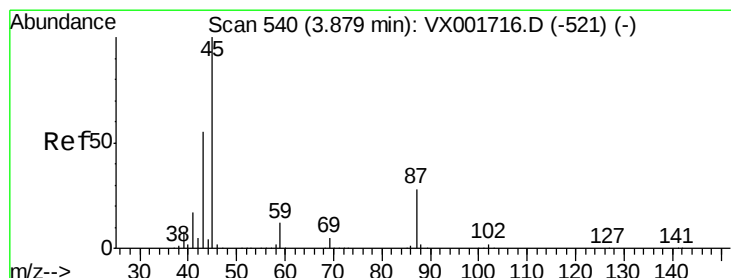
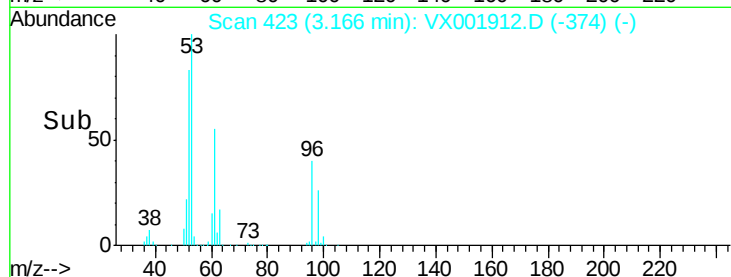
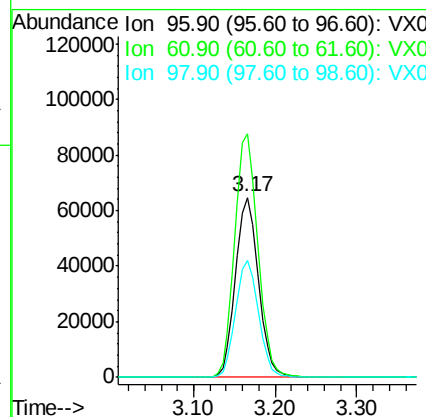
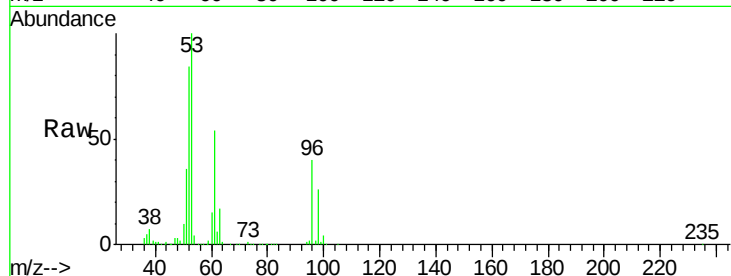
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	125404
Ion	Ratio	Lower	Upper
96	100		
61	135.1	105.8	158.8
98	65.3	50.2	75.4

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#22

Diisopropyl ether

Concen: 56.61 ug/l

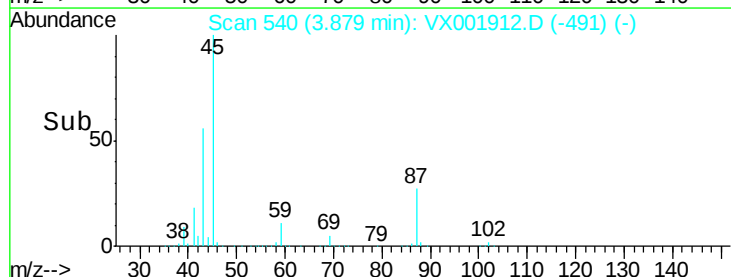
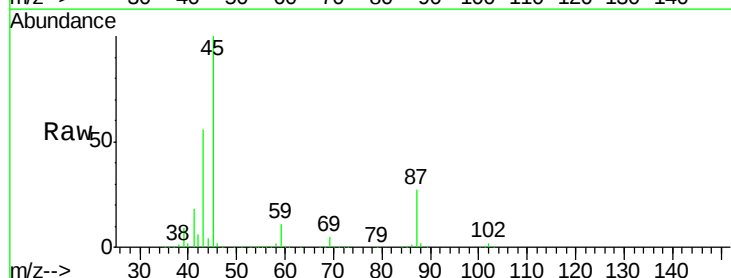
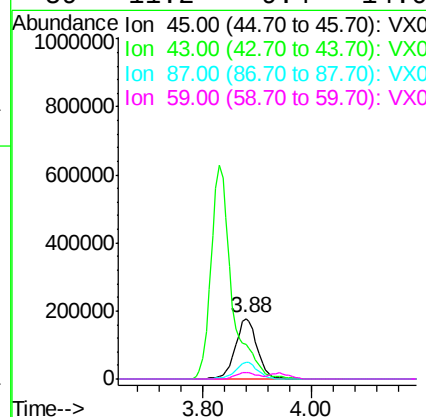
RT: 3.88 min Scan# 540

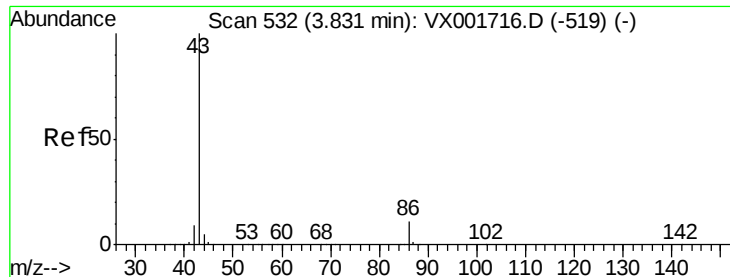
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	45	Resp:	493753
Ion	Ratio	Lower	Upper
45	100		
43	56.1	44.3	66.5
87	27.4	22.6	33.8
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 265.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 1667973

Ion Ratio Lower Upper

43 100

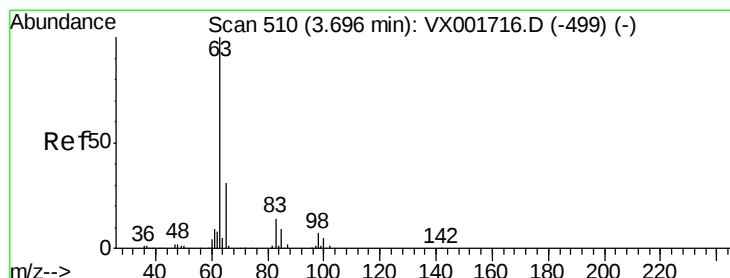
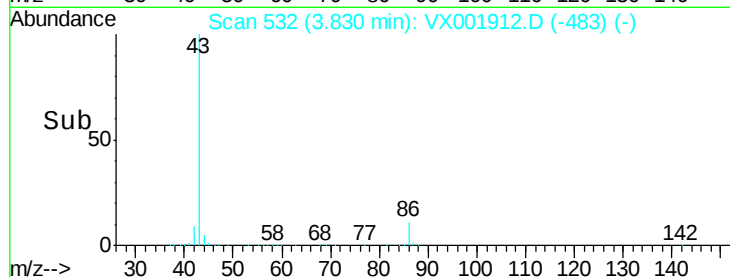
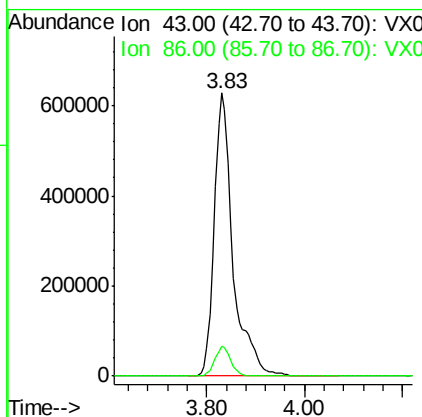
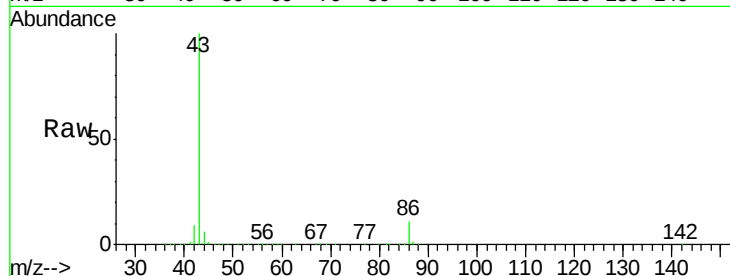
86 10.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 52.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

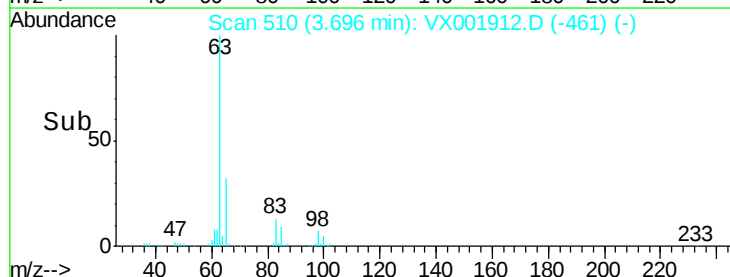
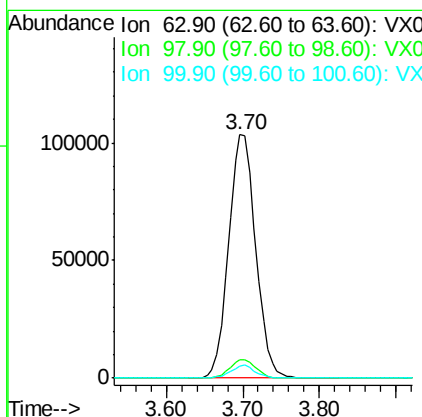
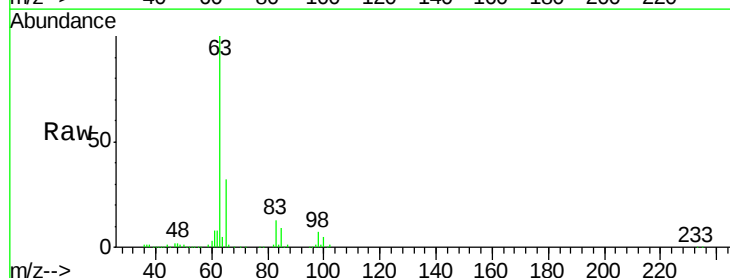
Tgt Ion: 63 Resp: 252443

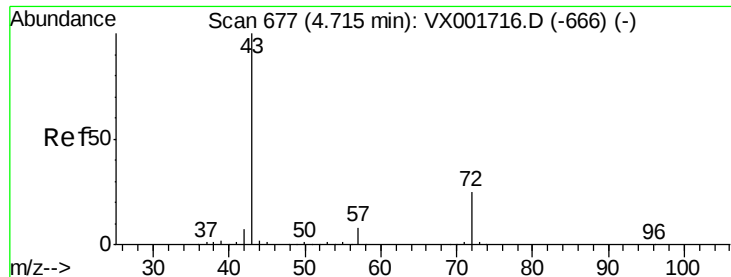
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 317.68 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tot Ion: 43 Resp: 637260

Ion Ratio Lower Upper

43 100

72 24.8 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

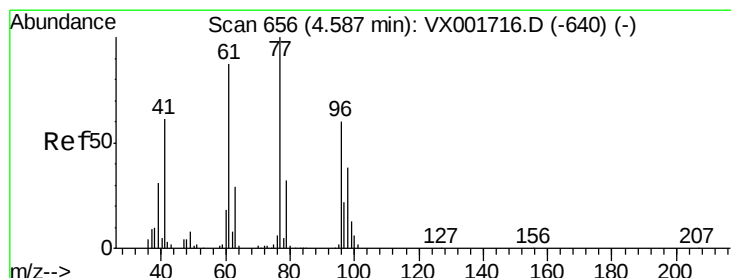
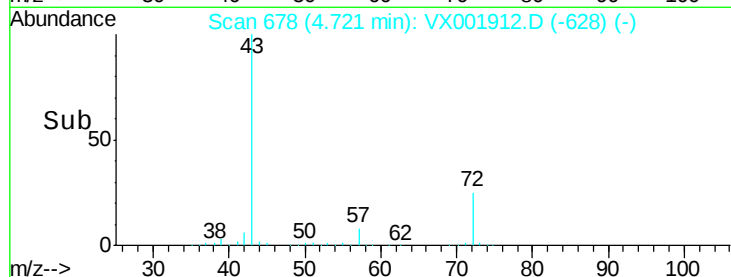
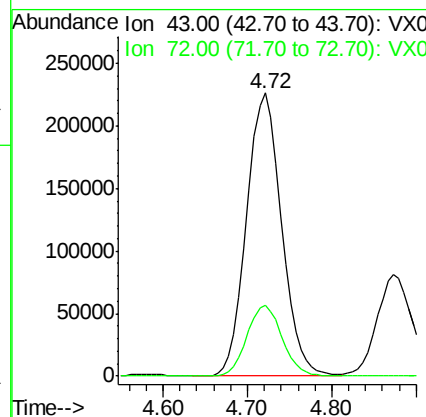
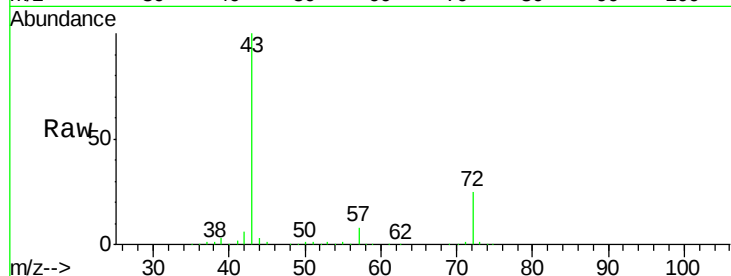
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 37.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001912.D

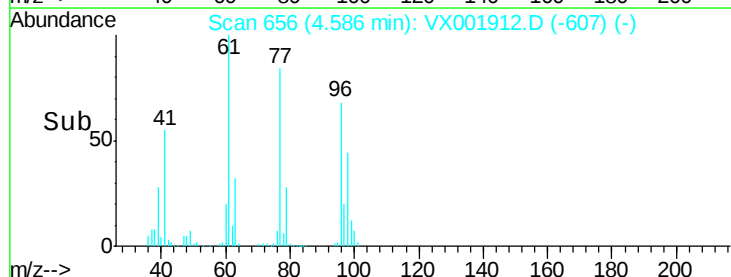
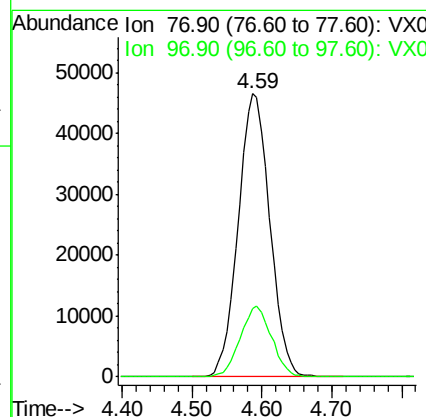
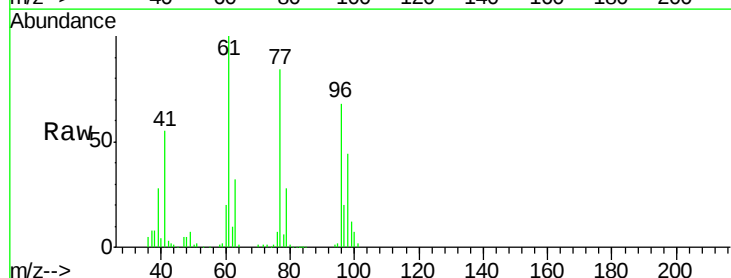
Acq: 22 May 2018 23:38

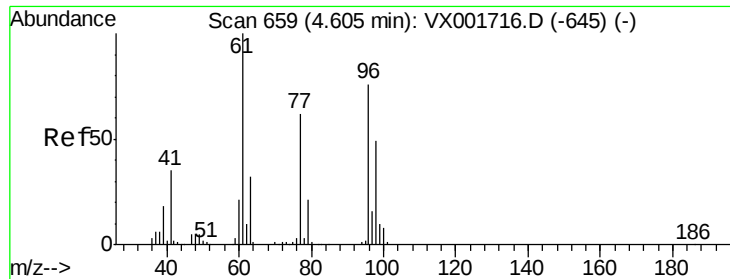
Tgt Ion: 77 Resp: 146238

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8





#27

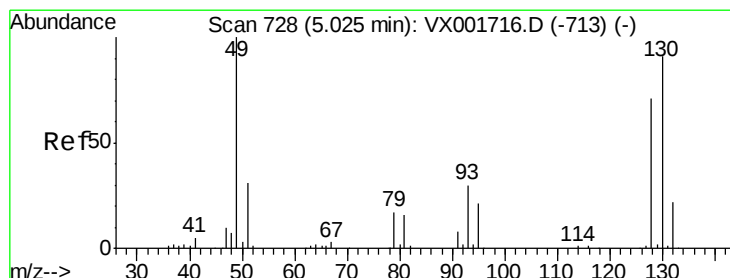
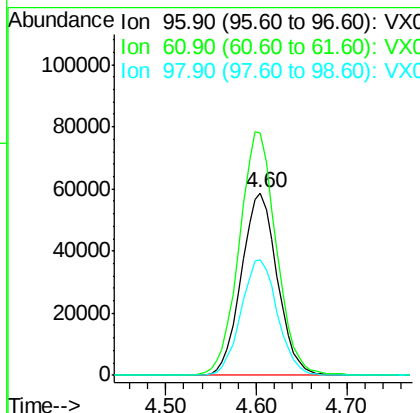
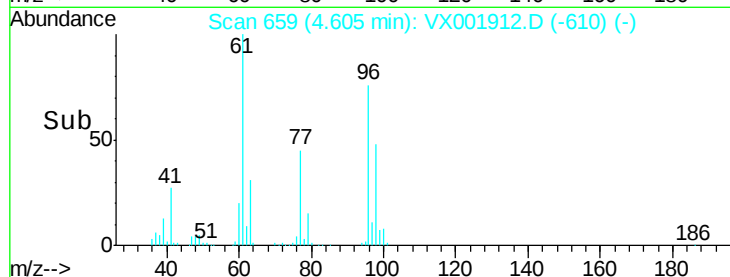
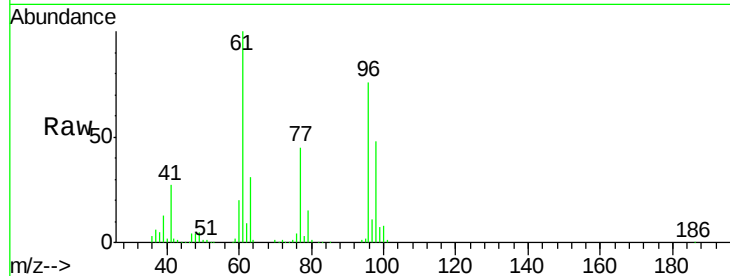
cis-1,2-Dichloroethene
Concen: 52.20 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160951		
61	138.6	0.0	280.4	
98	64.3	0.0	128.4	

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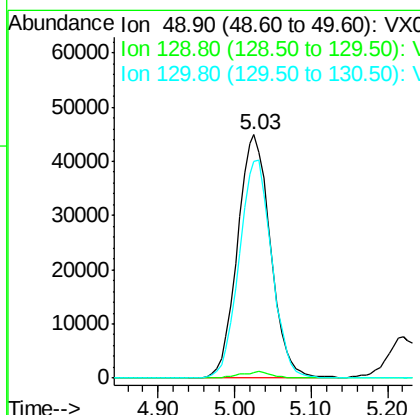
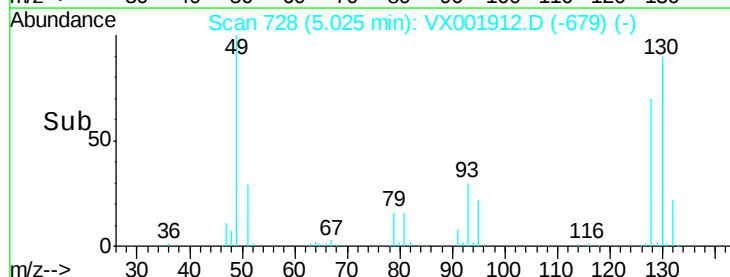
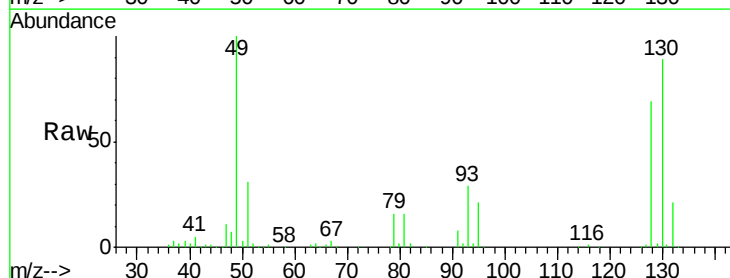
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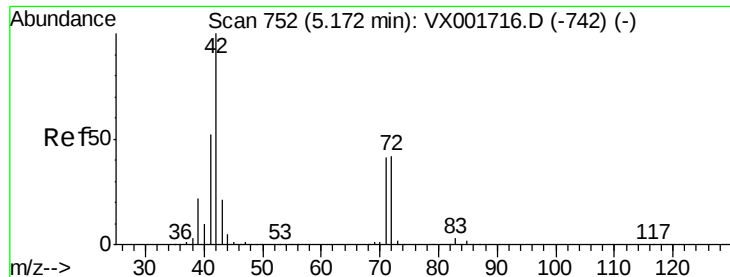


#28

Bromochloromethane
Concen: 63.41 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134745		
129	2.4	0.0	5.0	
130	88.3	71.8	107.6	





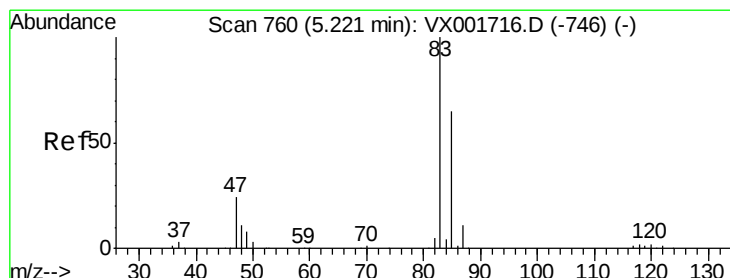
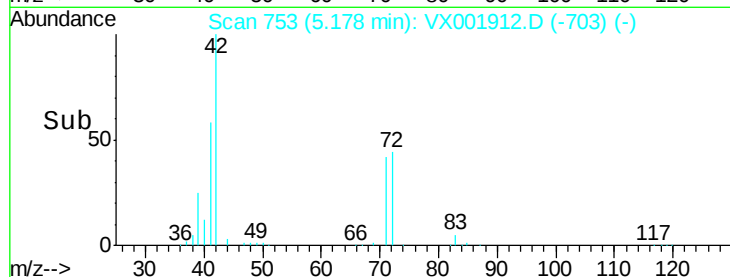
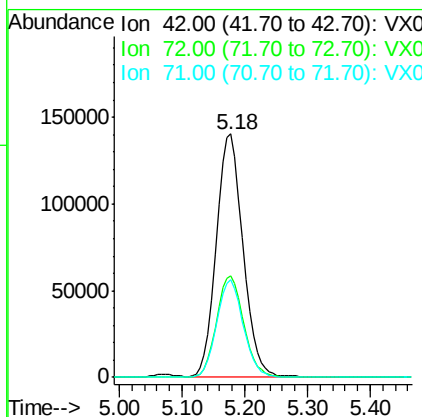
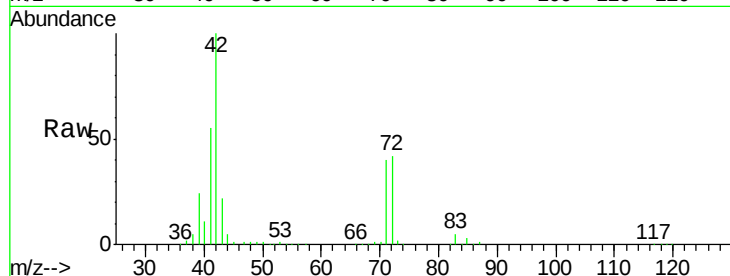
#29
Tetrahydrofuran
Concen: 315.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.4	53.2
71	40.0	33.2	49.8

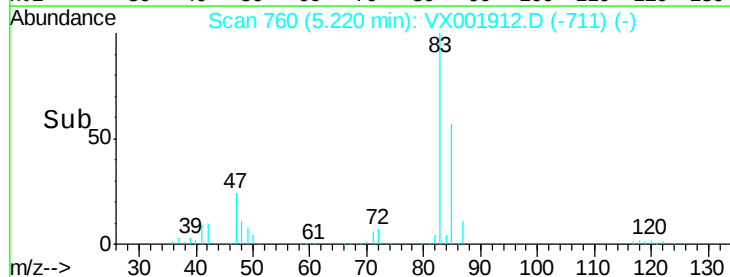
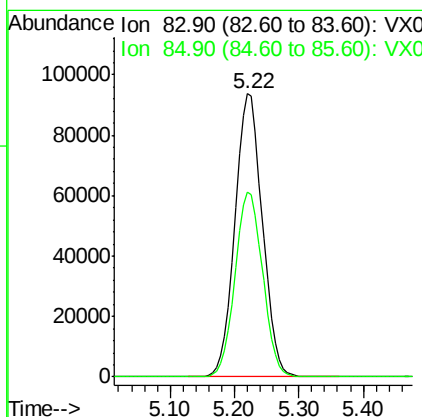
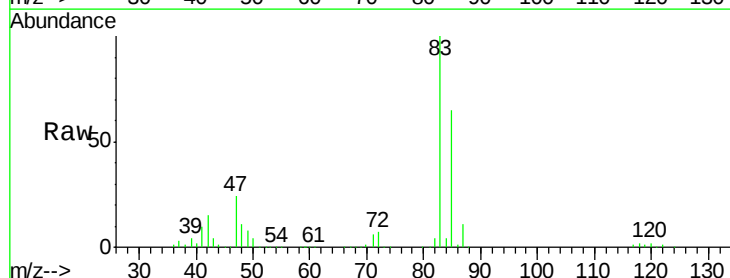
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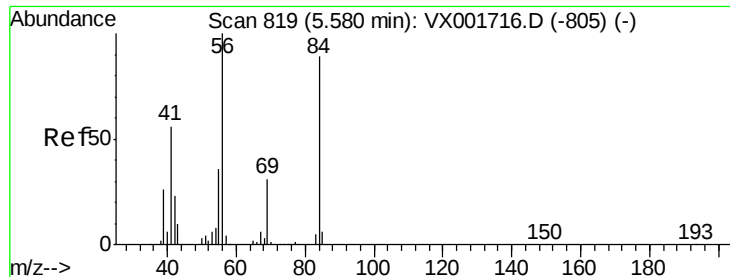
MMDadoda
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#30
Chloroform
Concen: 55.09 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5





#31

Cyclohexane

Concen: 49.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

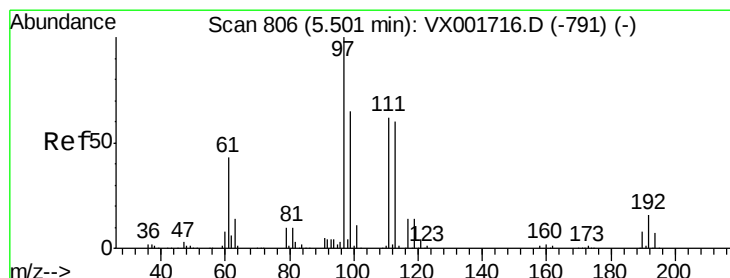
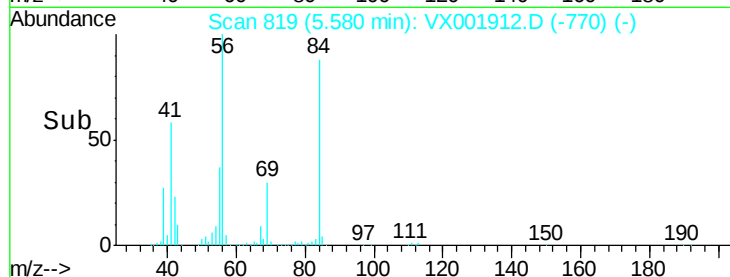
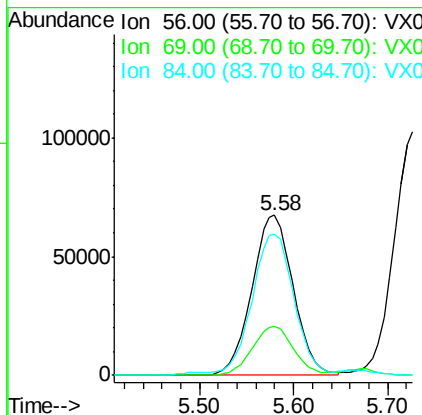
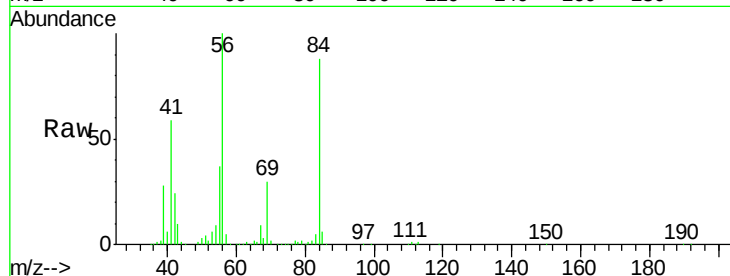
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	207075
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.6
84	86.7	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.01 ug/l

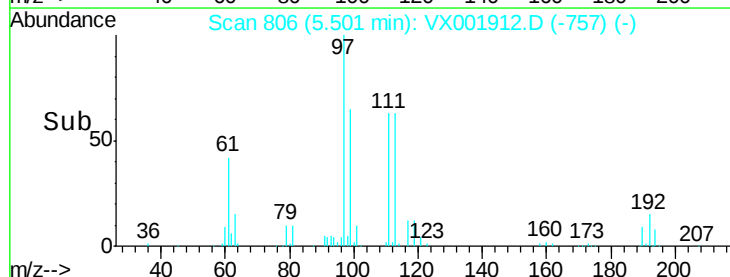
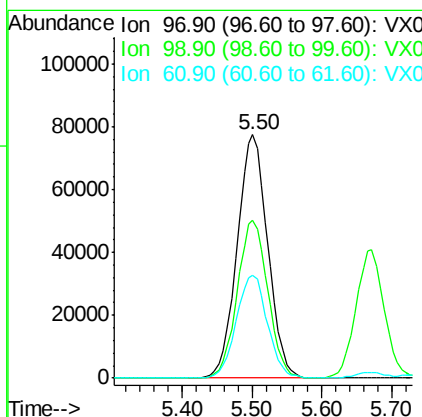
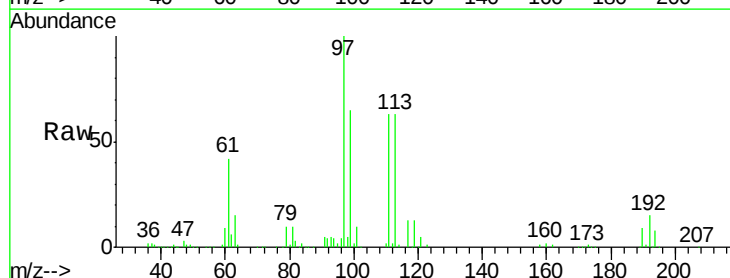
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	97	Resp:	234523
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	43.3	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 52.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 174871

Ion Ratio Lower Upper

65 100

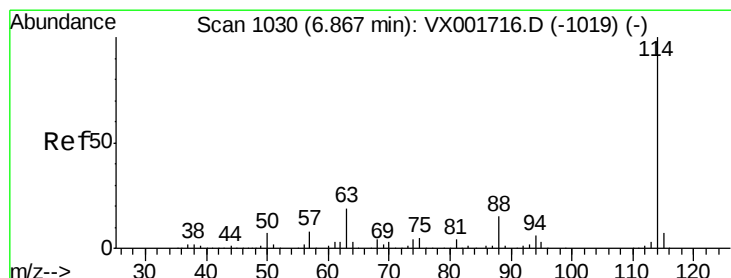
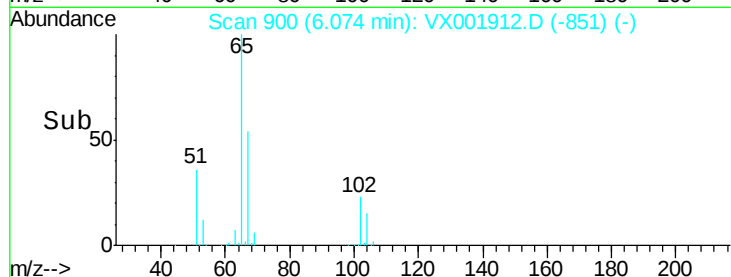
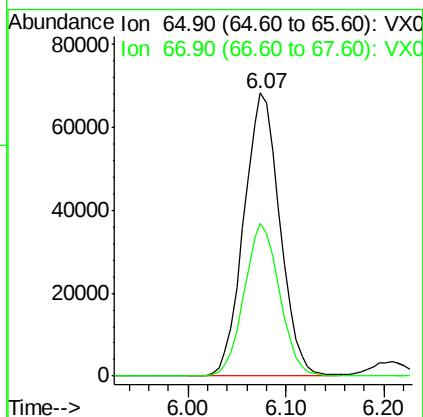
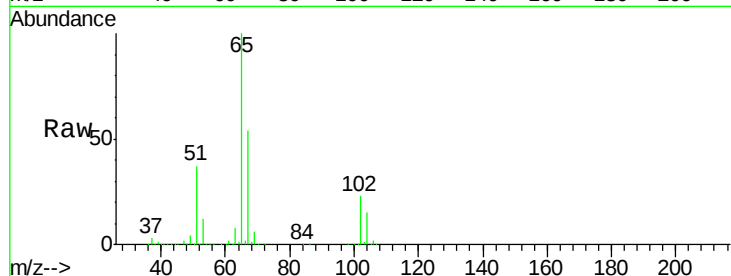
67 53.0 0.0 102.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

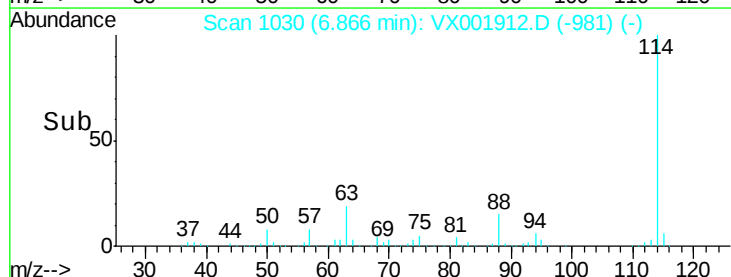
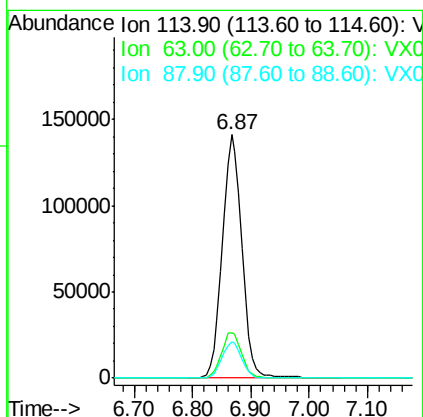
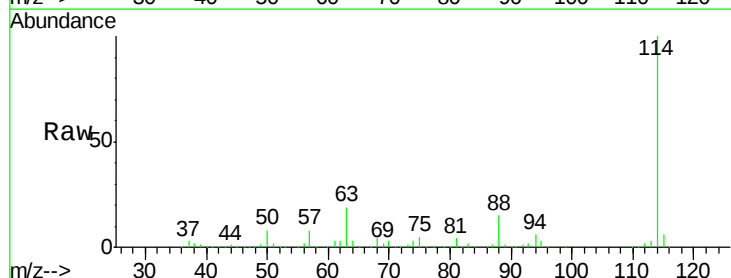
Tgt Ion: 114 Resp: 330247

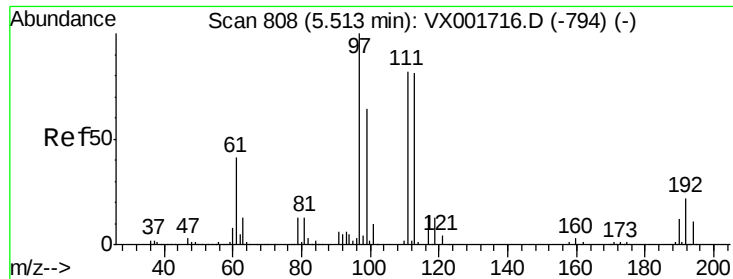
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 15.2 0.0 29.8





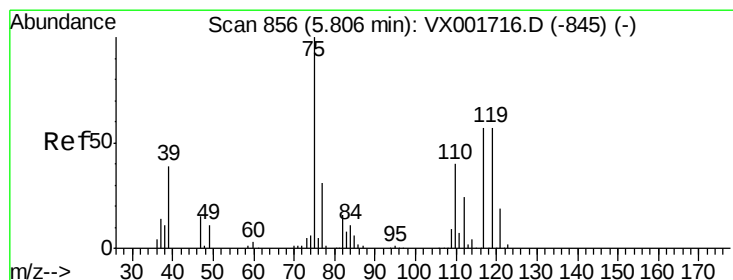
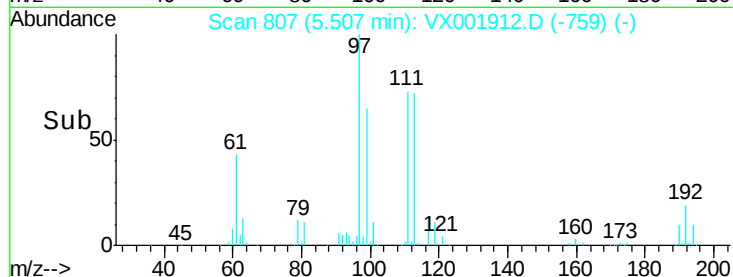
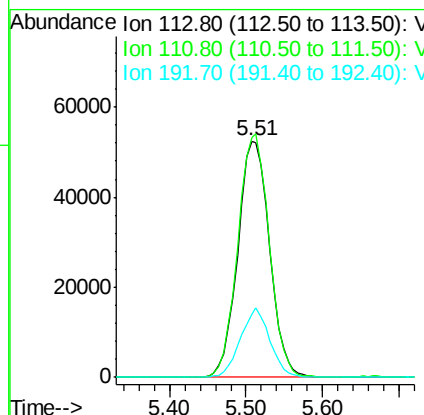
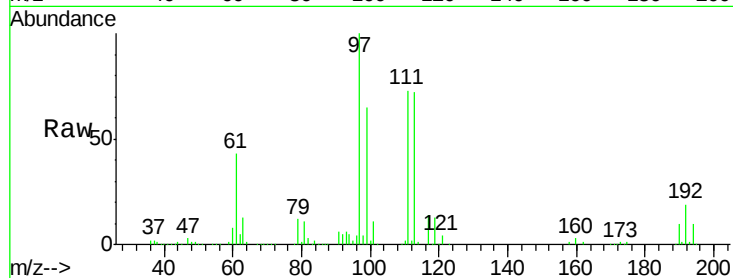
#35
Dibromofluoromethane
Concen: 54.15 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150922		
111	102.2	82.0	123.0	
192	27.1	21.6	32.4	

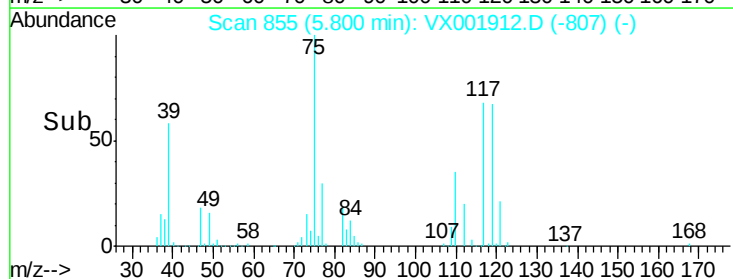
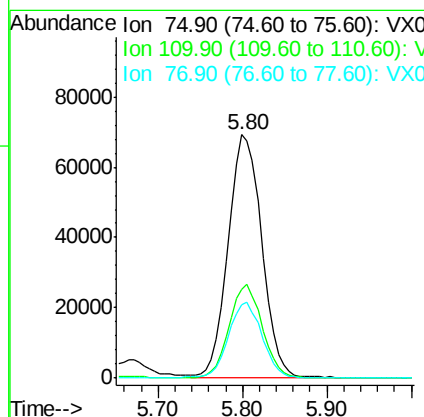
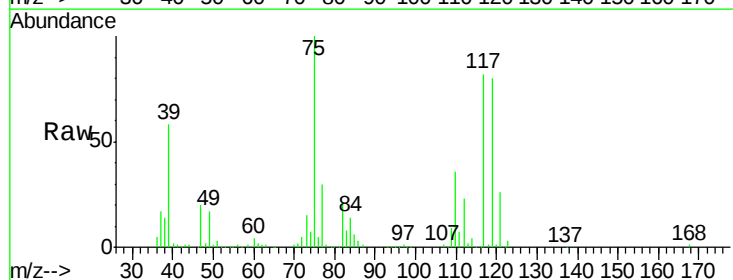
Manual Integrations
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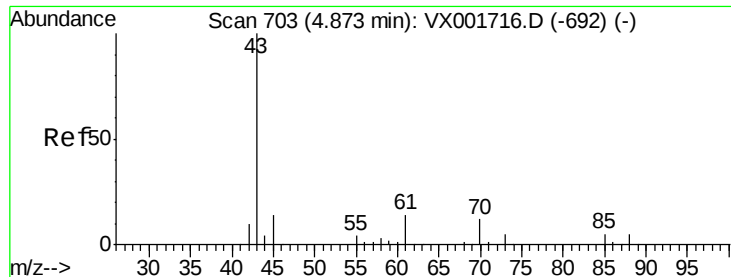
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#36
1,1-Dichloropropene
Concen: 49.29 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	187391		
110	38.0	19.1	57.1	
77	31.0	24.6	37.0	





#37

Ethyl Acetate

Concen: 59.91 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

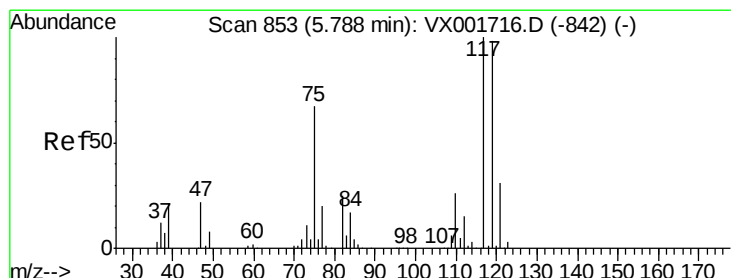
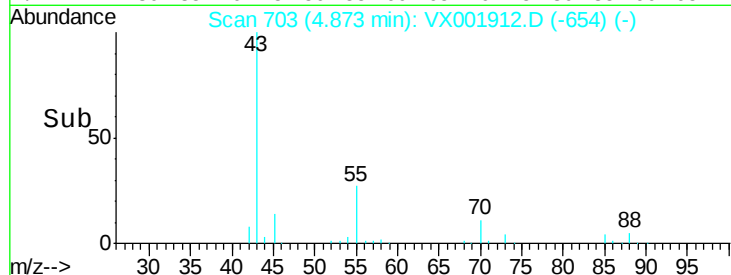
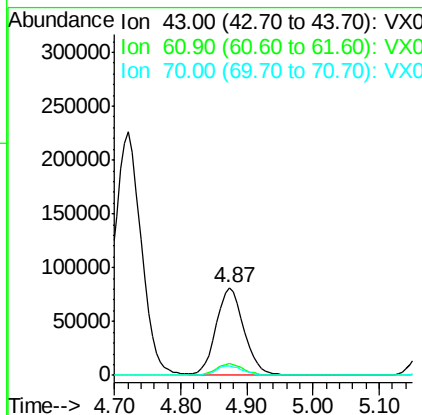
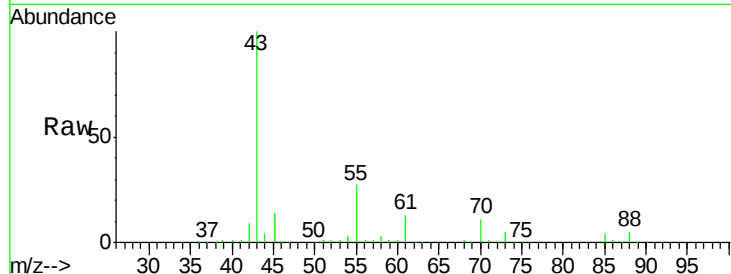
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	237371
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.3	8.8	13.2

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#38

Carbon Tetrachloride

Concen: 52.39 ug/l

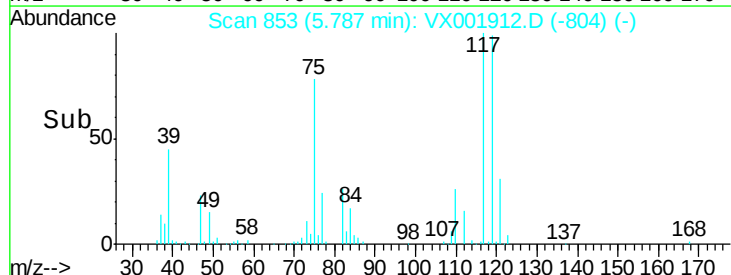
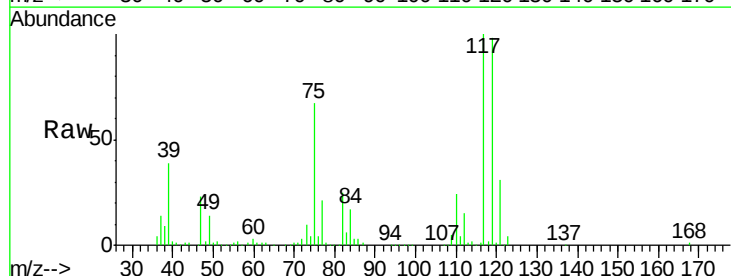
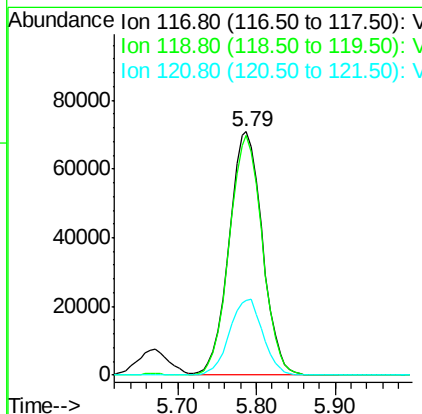
RT: 5.79 min Scan# 853

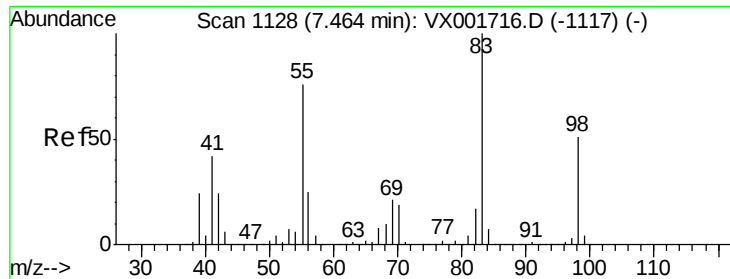
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	117	Resp:	208634
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.6	116.4
121	30.8	24.6	36.8





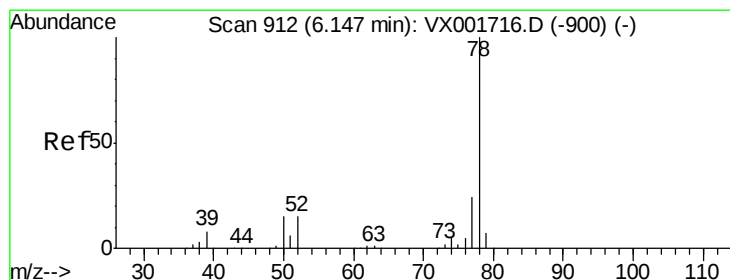
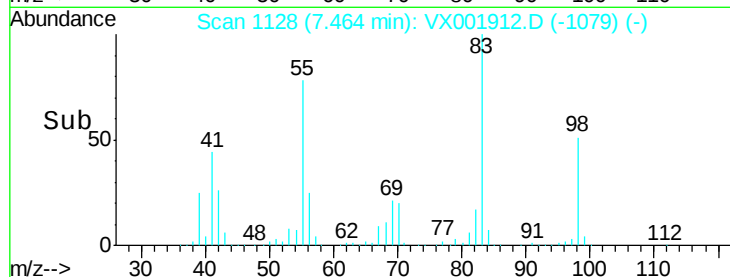
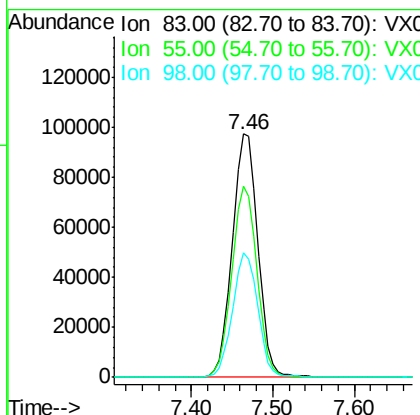
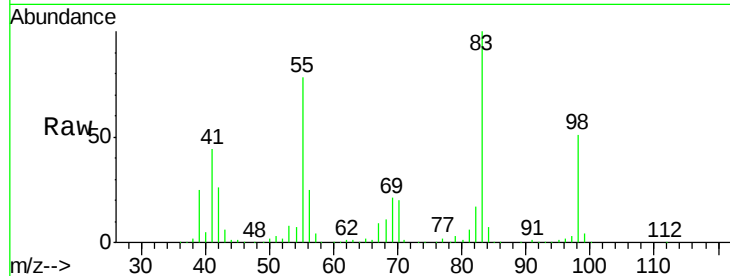
#39
Methylvlcyclohexane
Concen: 47.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.6	90.8
98	51.0	40.4	60.6

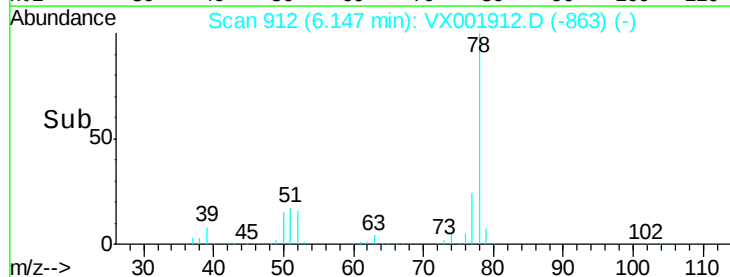
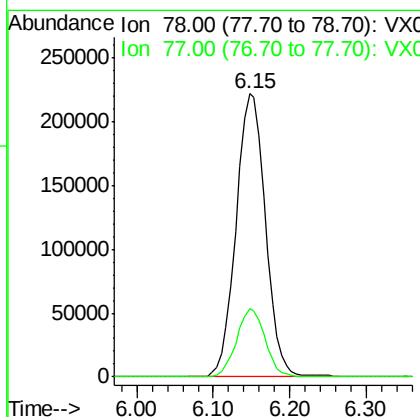
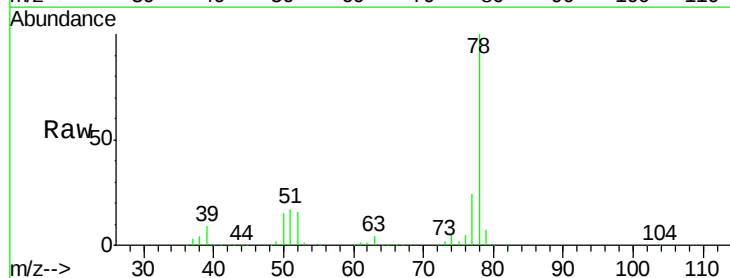
Manual Integrations
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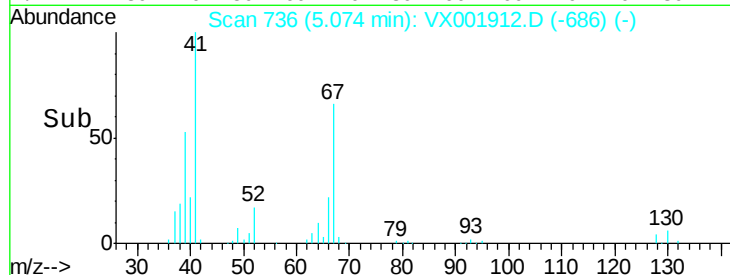
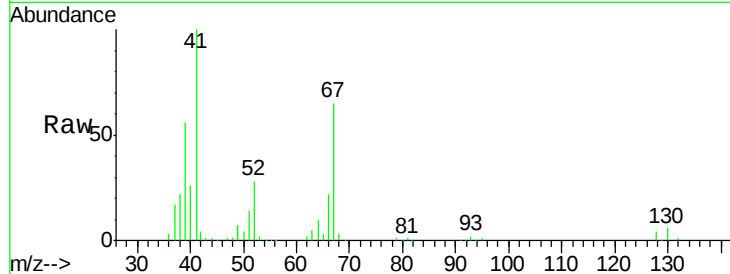
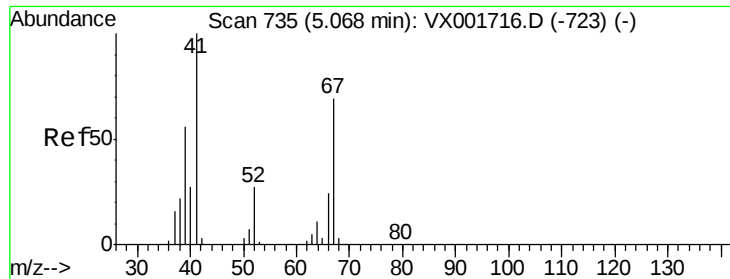
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#40
Benzene
Concen: 52.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





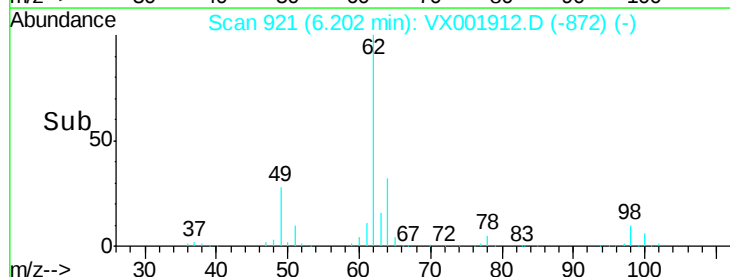
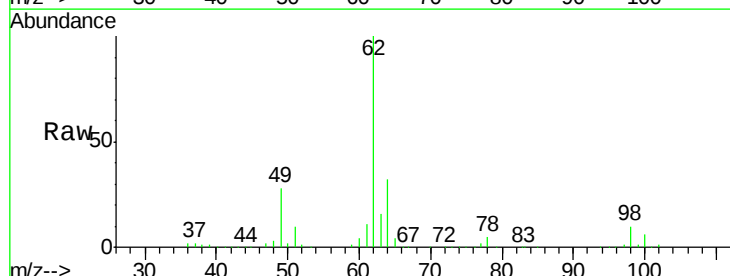
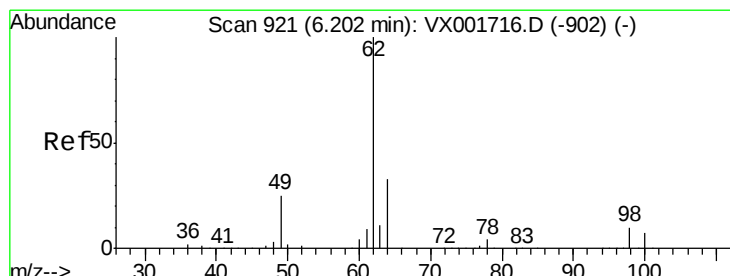
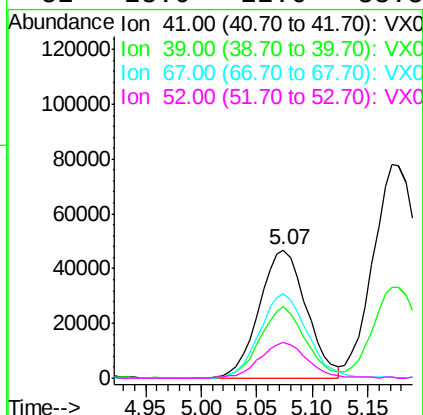
#41
Methacrylonitrile
Concen: 60.08 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.8	44.2	66.4		
67	66.4	56.0	84.0		
52	28.0	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

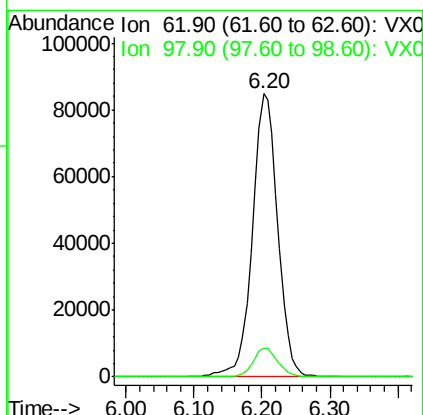
Manual Integrations
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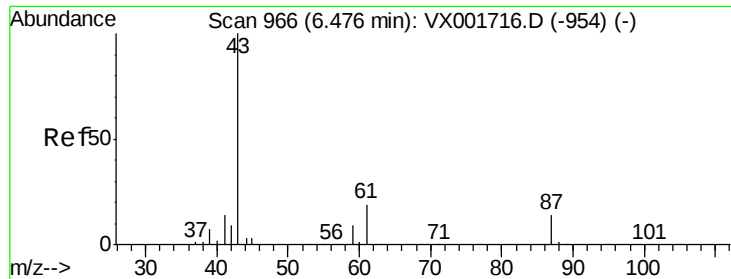
MMDadoda
5/24/2018 11:47:46 AM



#42
1,2-Dichloroethane
Concen: 54.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.9	0.0	20.0		





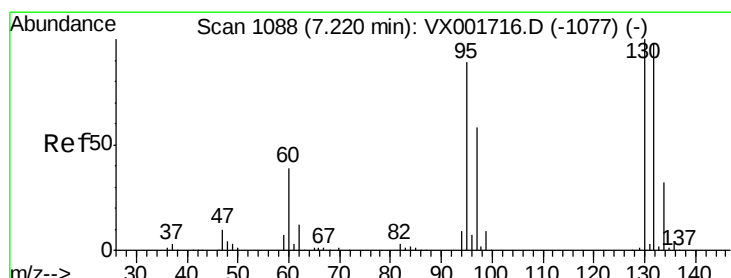
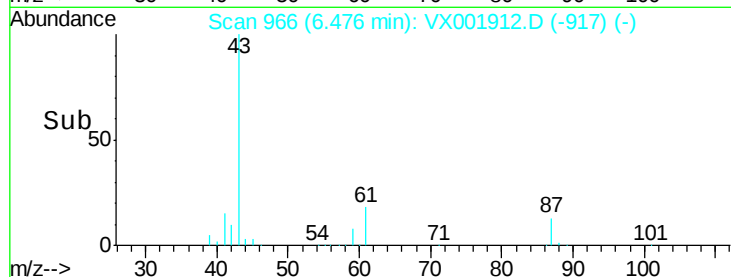
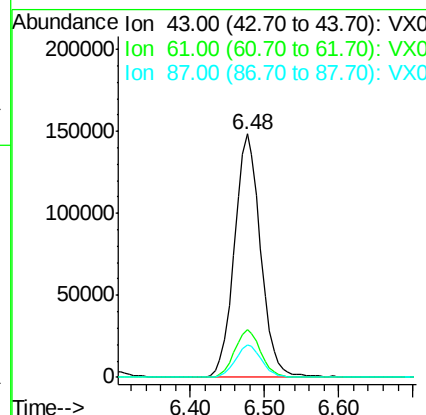
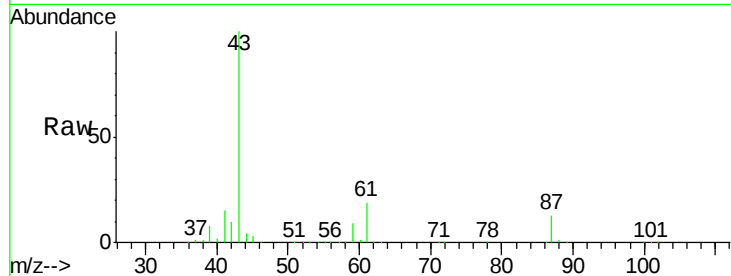
#43
Isopropyl Acetate
Concen: 58.78 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8
87	13.3	11.0	16.4

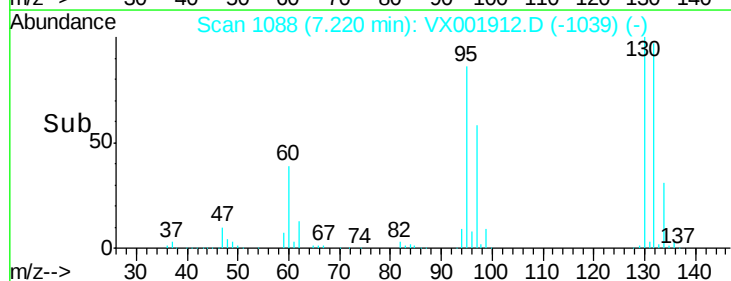
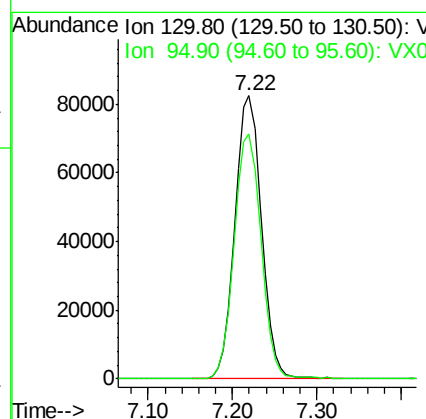
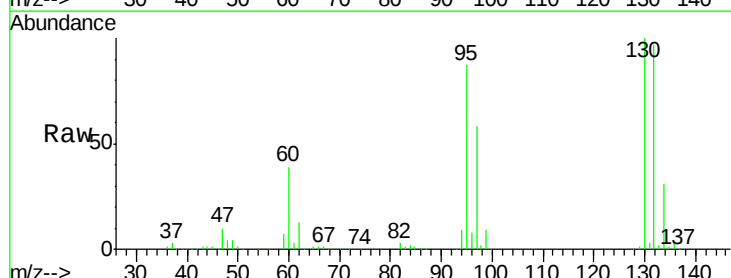
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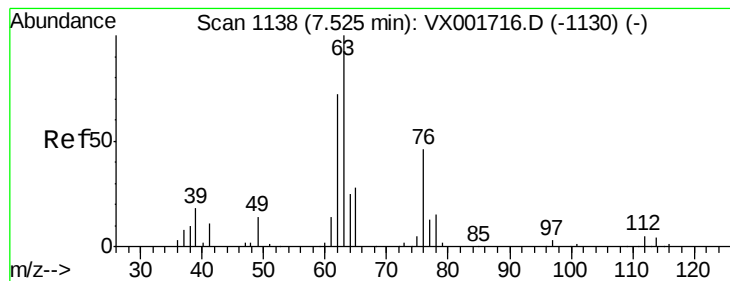
MMDadoda
5/24/2018 11:47:46 AM



#44
Trichloroethene
Concen: 50.47 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	177.2





#45

1,2-Dichloropropane

Concen: 56.68 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 155773

Ion Ratio Lower Upper

63 100

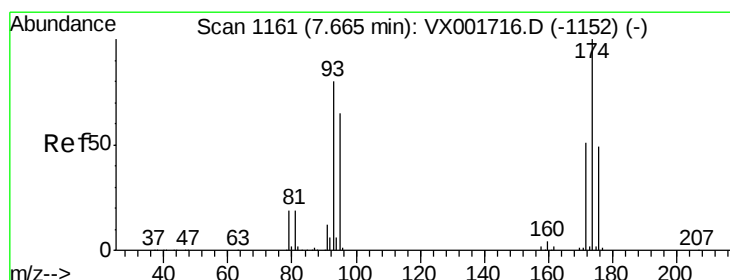
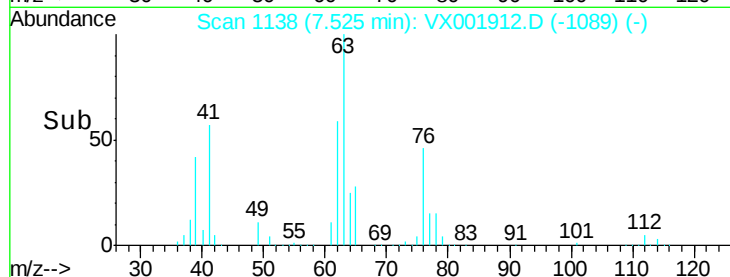
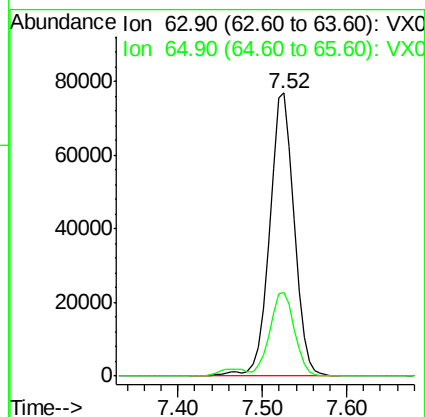
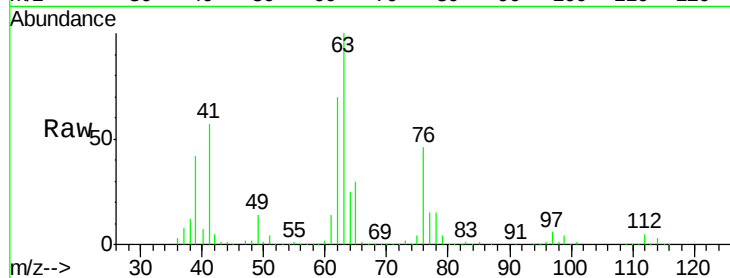
65 29.5 24.2 36.2

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#46

Dibromomethane

Concen: 54.31 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

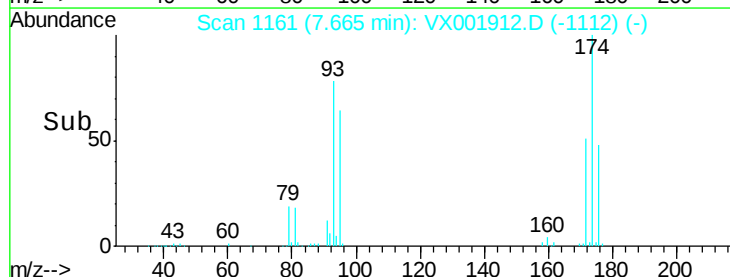
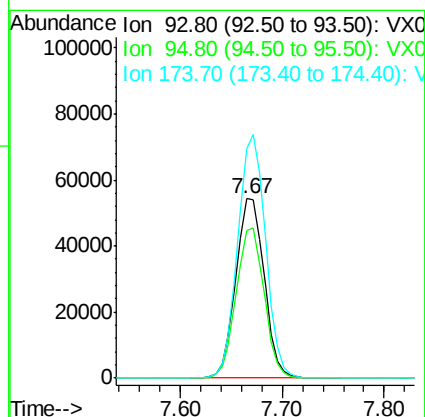
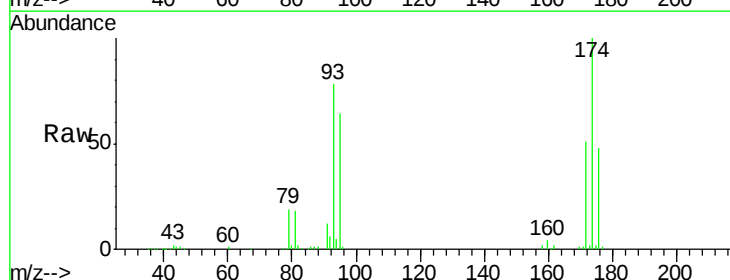
Tgt Ion: 93 Resp: 104814

Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 133.3 106.2 159.2





#47

Bromodichloromethane

Concen: 57.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

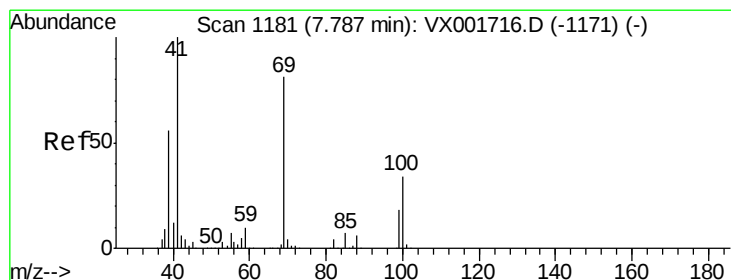
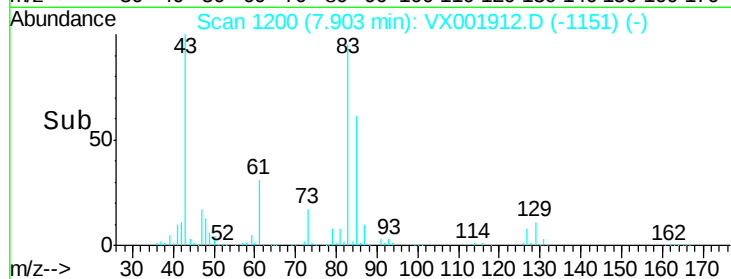
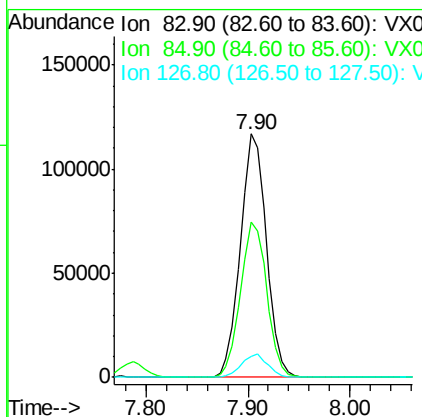
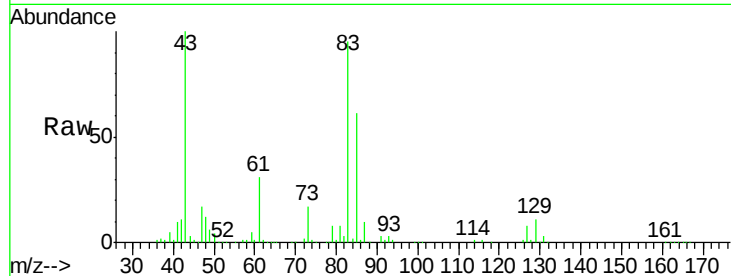
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	207370
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.6	74.4
127	8.7	7.5	11.3

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#48

Methyl methacrylate

Concen: 61.19 ug/l

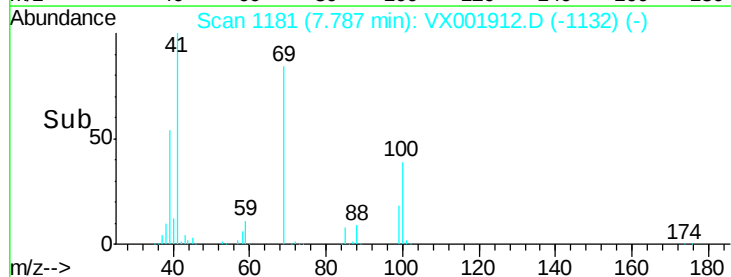
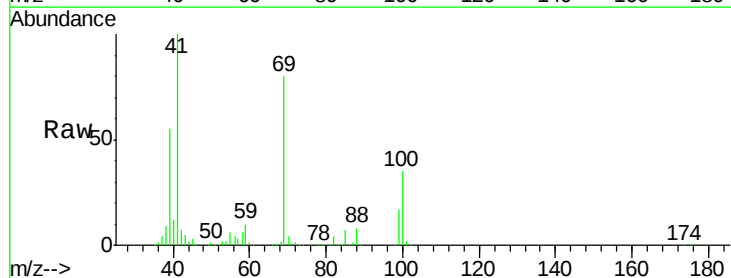
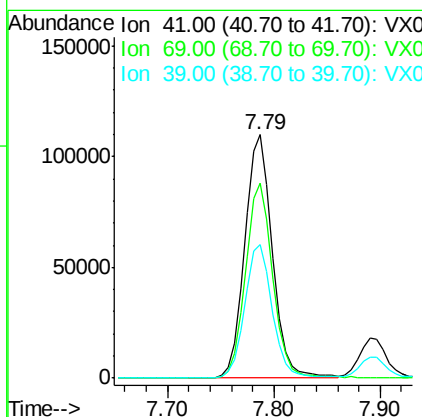
RT: 7.79 min Scan# 1181

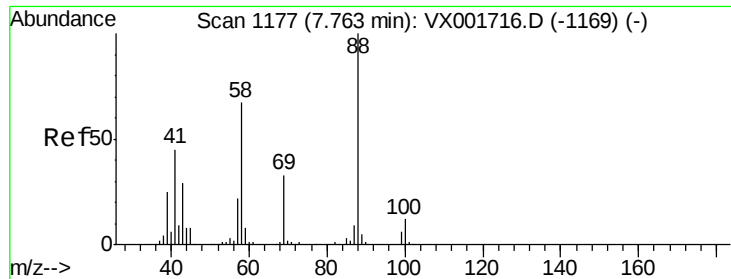
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	41	Resp:	199713
Ion Ratio	Lower	Upper	
41	100		
69	79.8	65.2	97.8
39	54.9	44.5	66.7





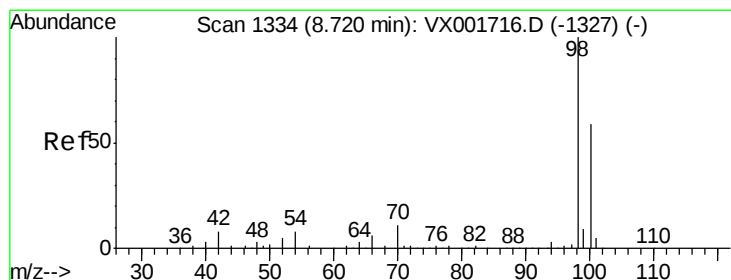
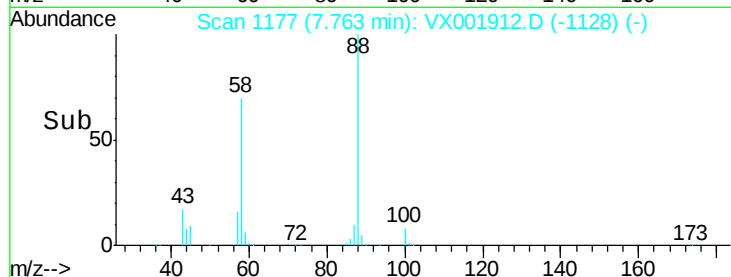
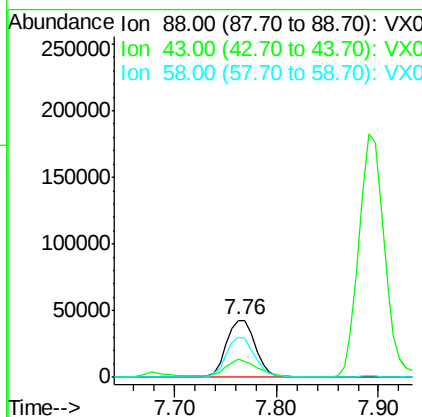
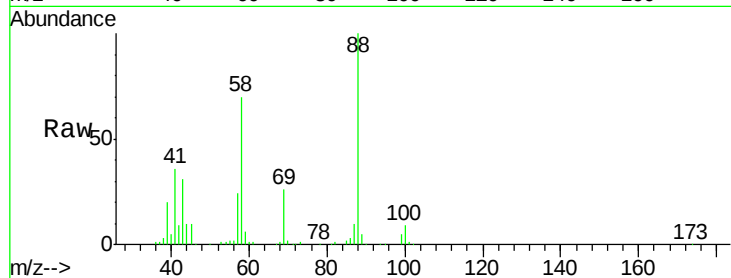
#49
1,4-Dioxane
Concen: 1343.65 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.3	40.9
58	69.7	55.9	83.9

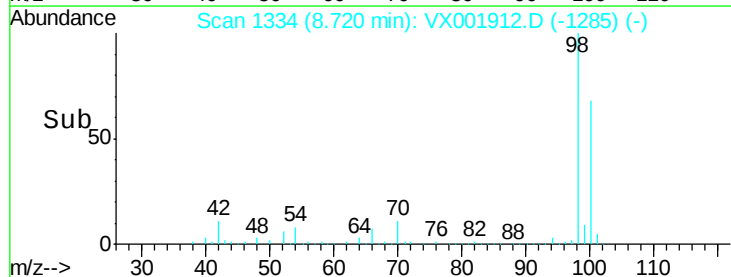
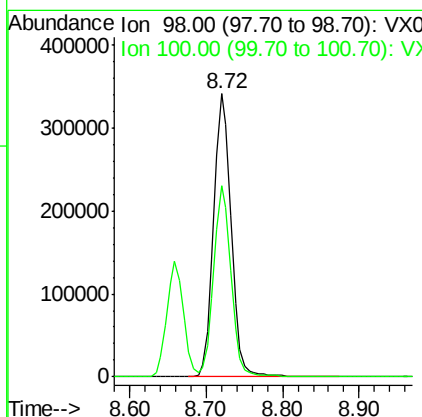
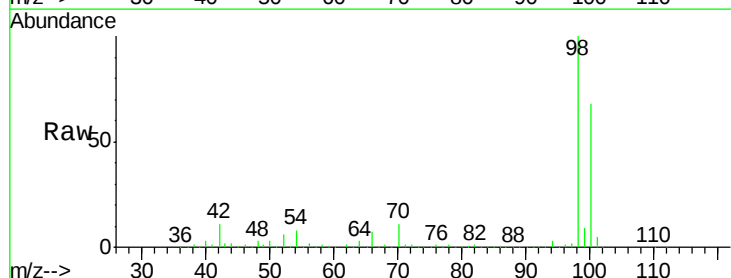
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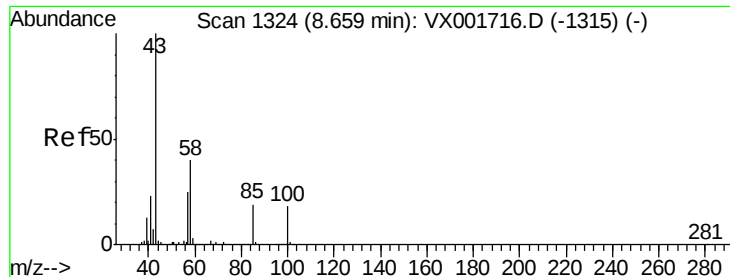
MMDadoda
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#50
Toluene-d8
Concen: 54.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.0	81.0





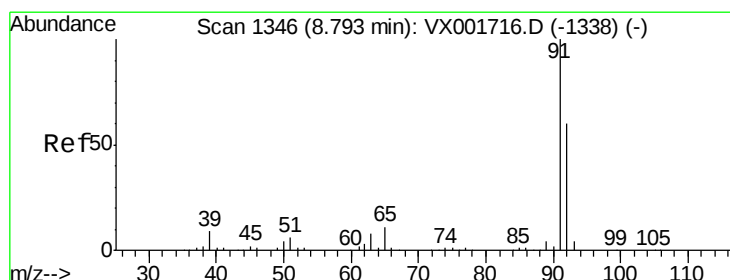
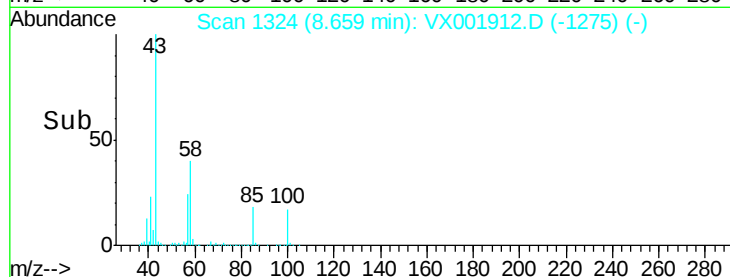
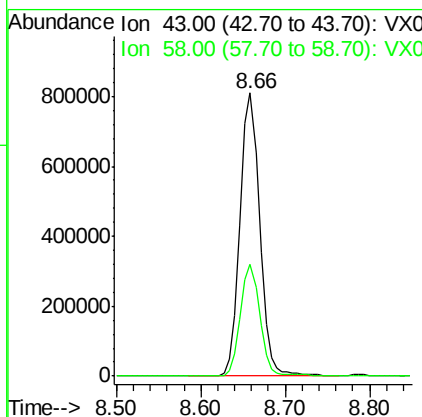
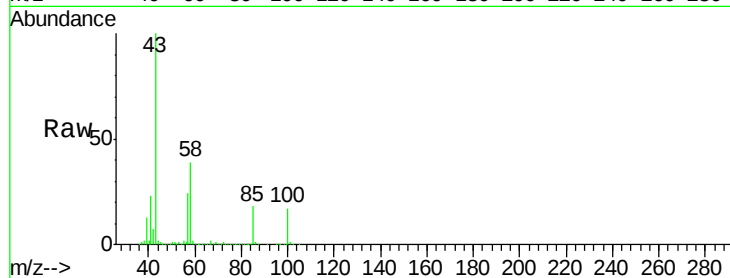
#51
4-Methyl-2-Pentanone
Concen: 323.94 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1272995
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.0

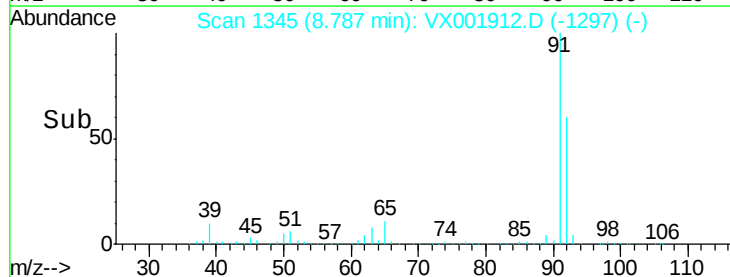
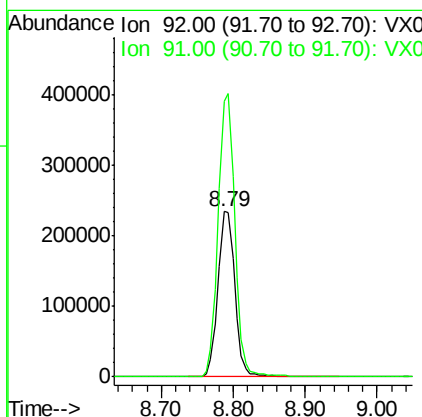
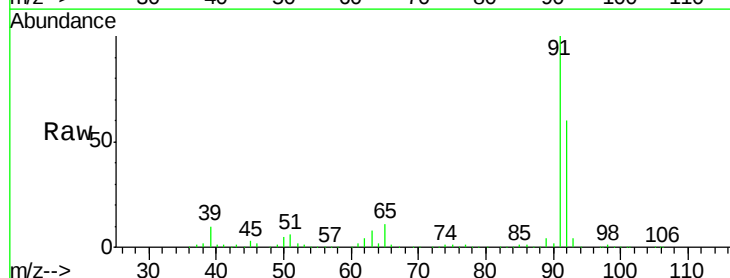
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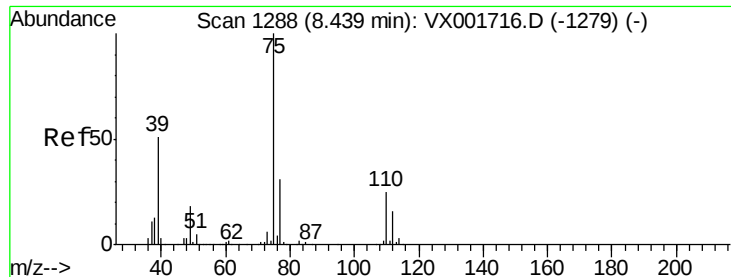
MMDadoda
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#52
Toluene
Concen: 53.11 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 92 Resp: 382272
Ion Ratio Lower Upper
92 100
91 169.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 54.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 229583

Ion Ratio Lower Upper

75 100

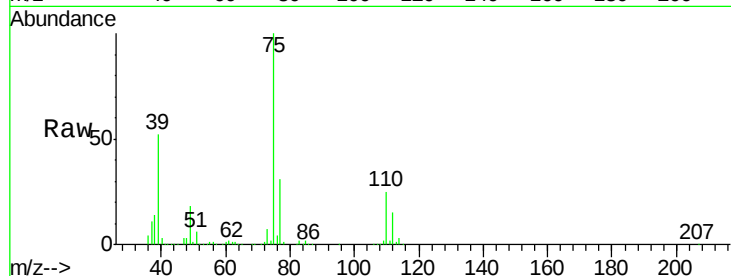
77 31.4 25.0 37.6

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

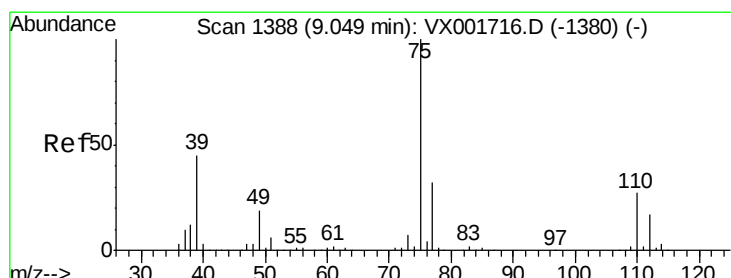
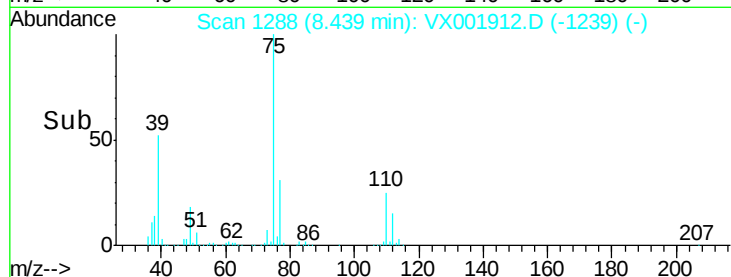
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.89 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

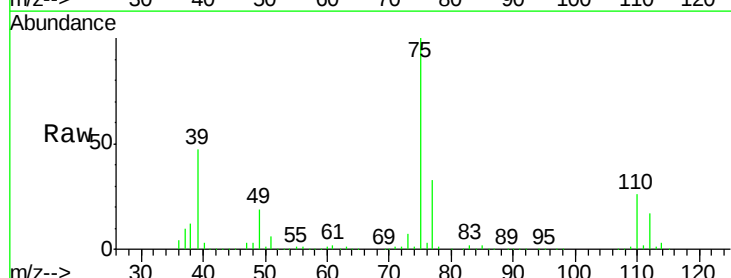
Tgt Ion: 75 Resp: 203894

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

39 46.6 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

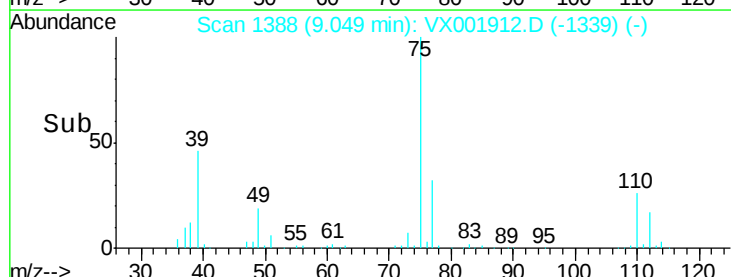
150000

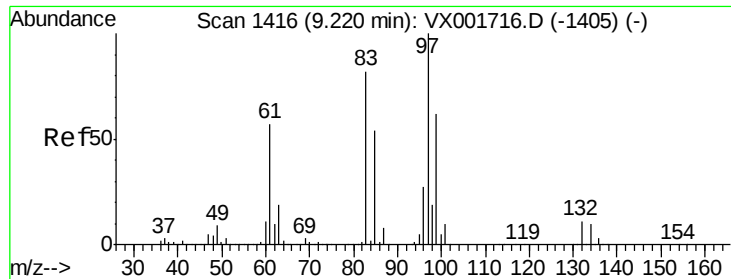
100000

50000

0

Time-->





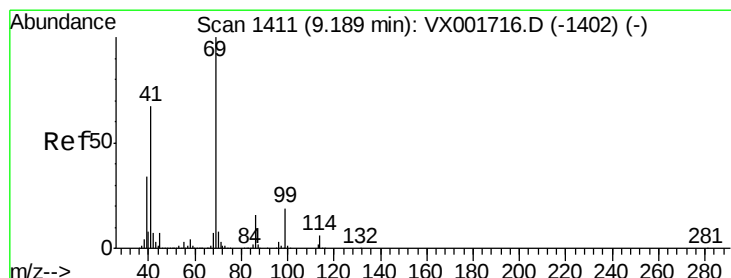
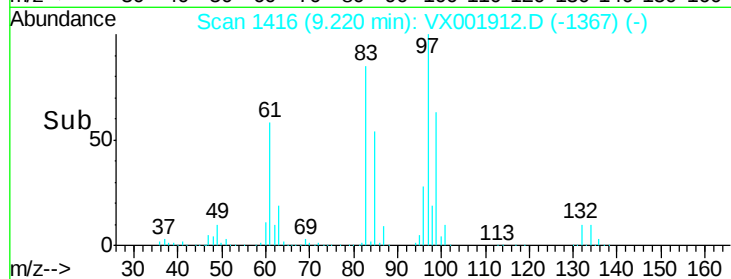
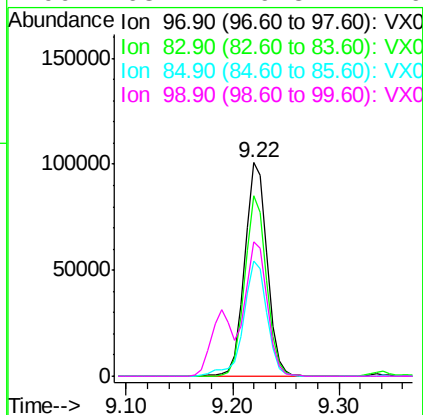
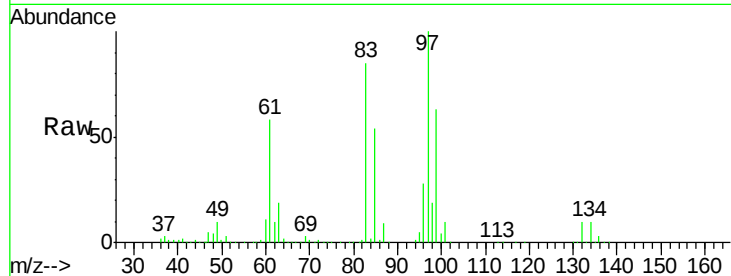
#55
 1,1,2-Trichloroethane
 Concen: 54.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	148916
Ion Ratio	Lower	Upper	
97	100		
83	84.7	65.8	98.8
85	54.0	43.4	65.0
99	63.1	49.8	74.6

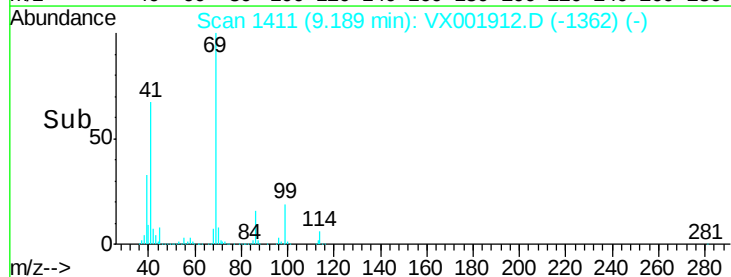
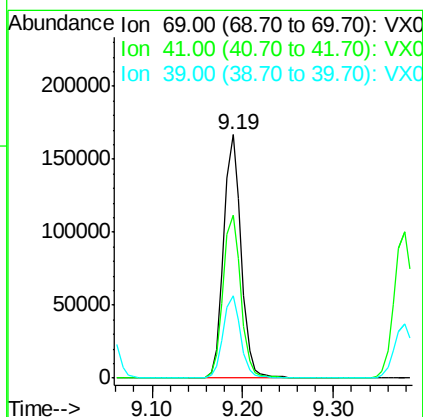
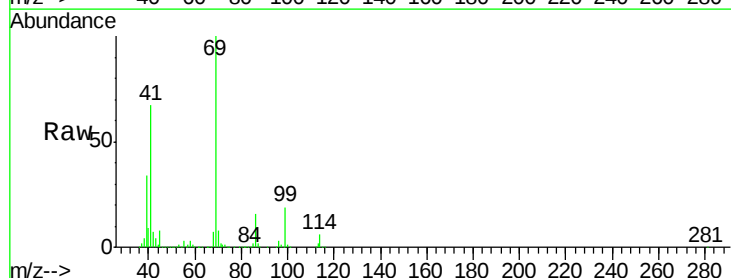
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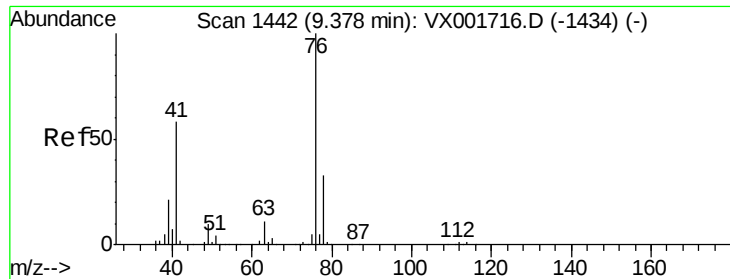
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#56
 Ethyl methacrylate
 Concen: 57.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion:	69	Resp:	225247
Ion Ratio	Lower	Upper	
69	100		
41	68.6	53.5	80.3
39	34.1	27.2	40.8





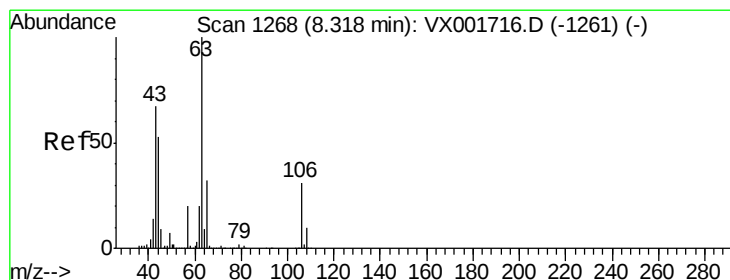
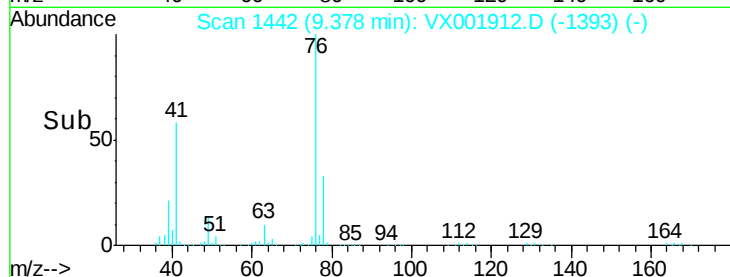
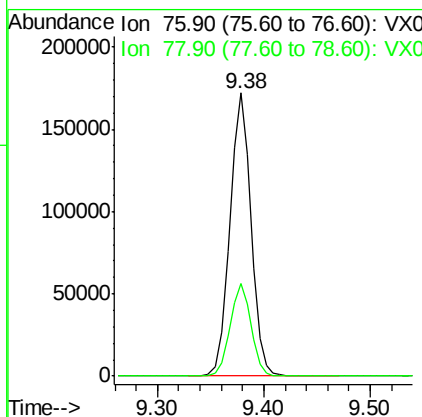
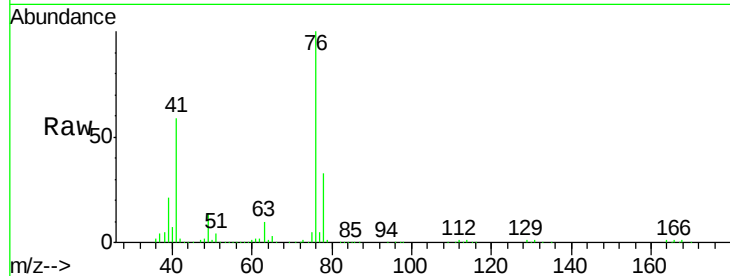
#57
 1,3-Dichloropropane
 Concen: 51.99 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

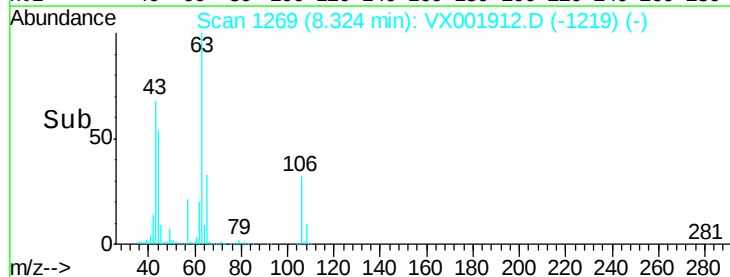
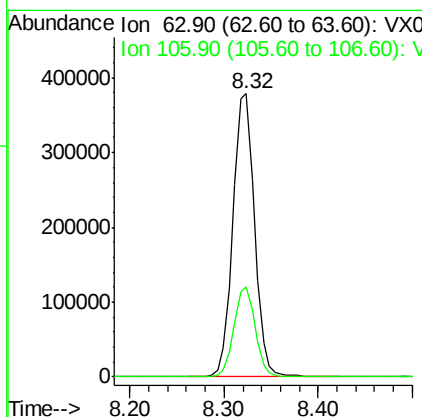
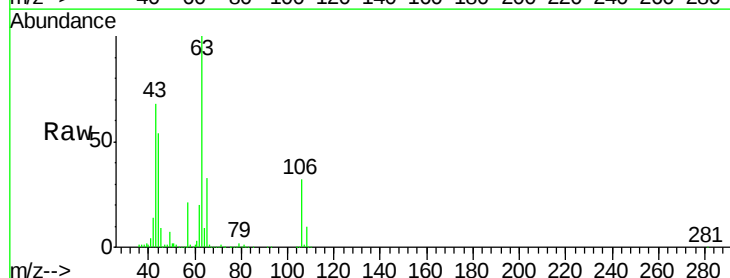
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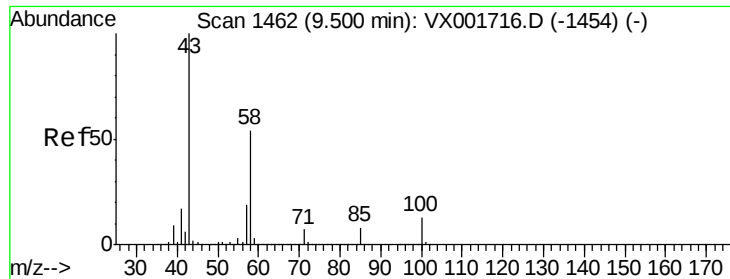
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 300.05 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	25.1	37.7





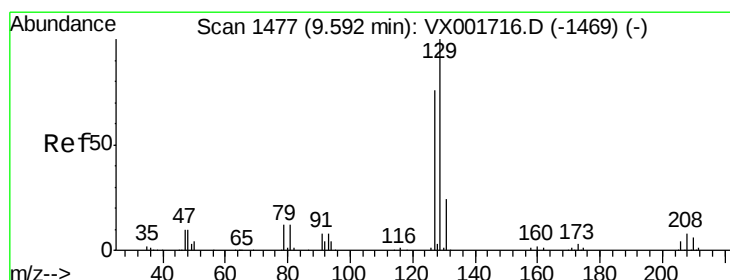
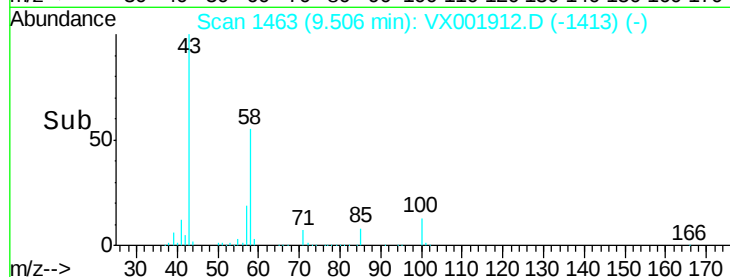
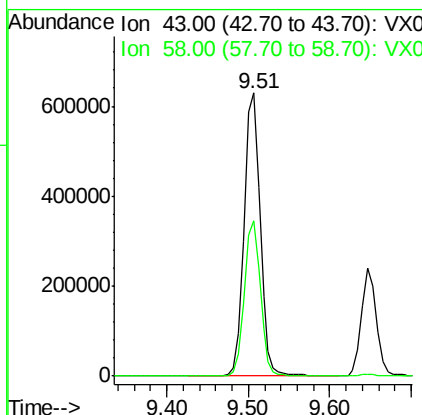
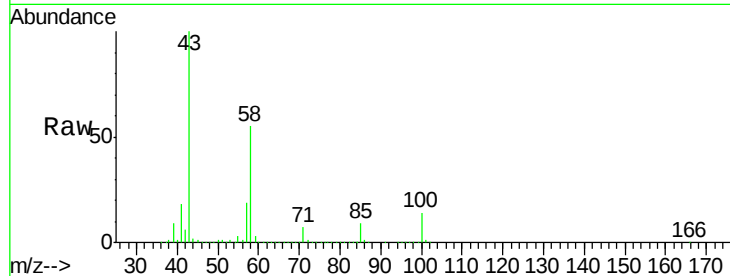
#59
2-Hexanone
Concen: 305.51 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 859413
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

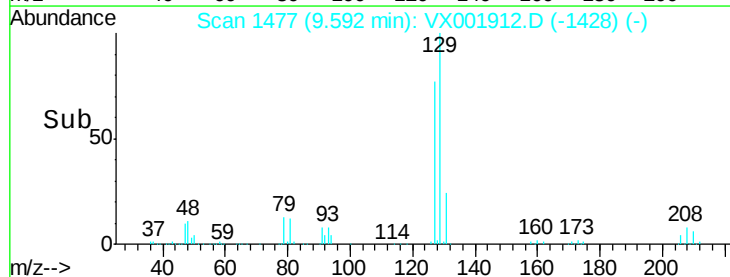
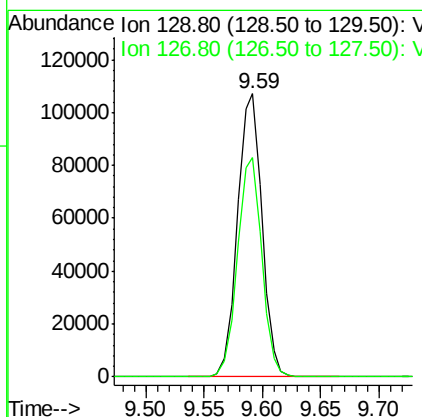
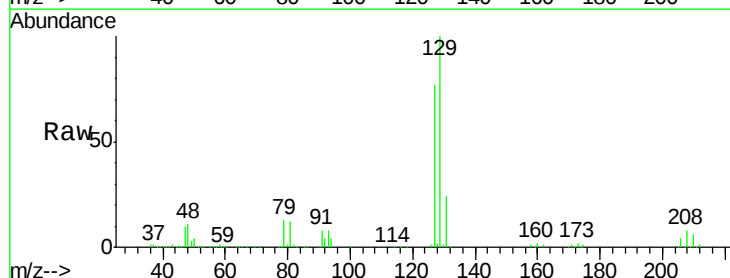
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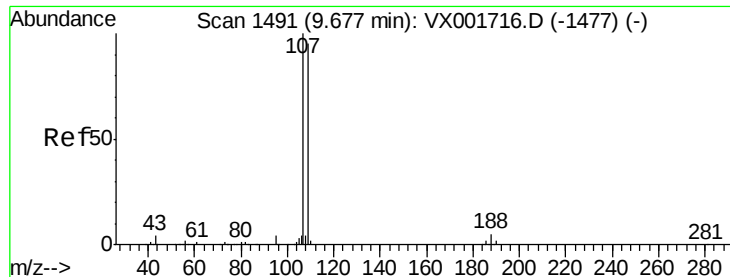
MMDadoda
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#60
Dibromochloromethane
Concen: 55.83 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 129 Resp: 157274
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 153753

Ion Ratio Lower Upper

107 100

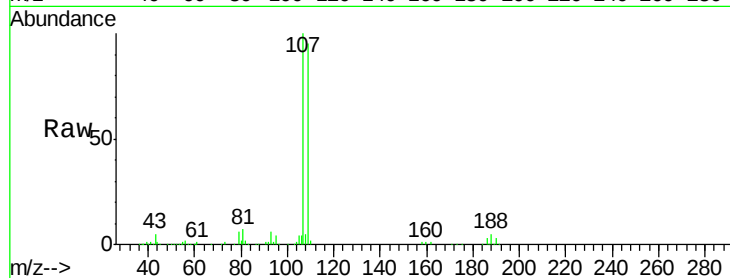
109 94.3 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

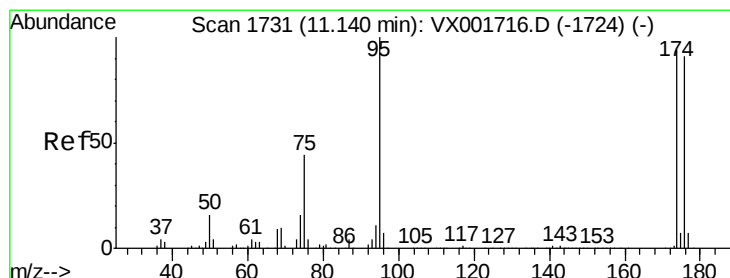
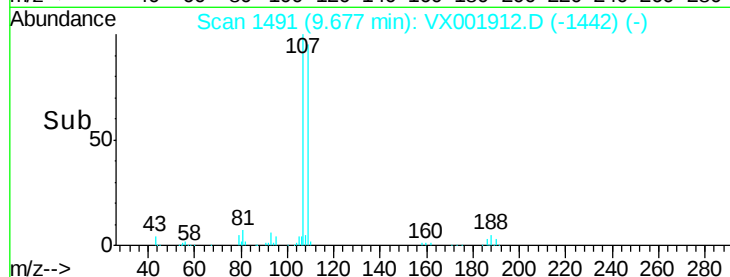
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

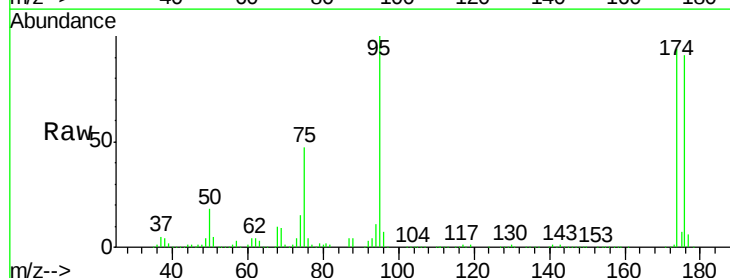
Tgt Ion: 95 Resp: 180591

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

176 100.2 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

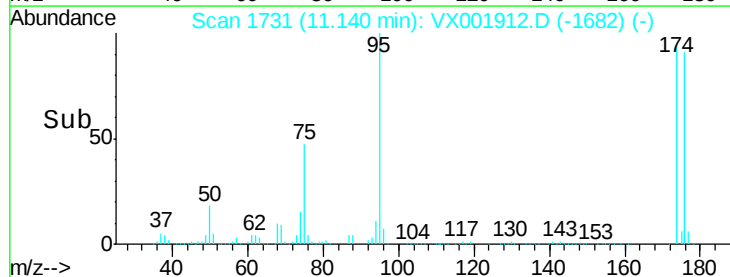
150000

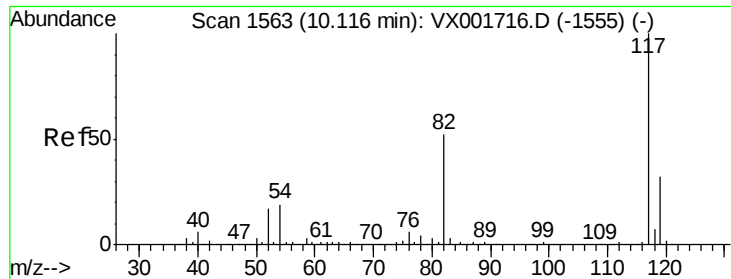
100000

50000

0

Time-->





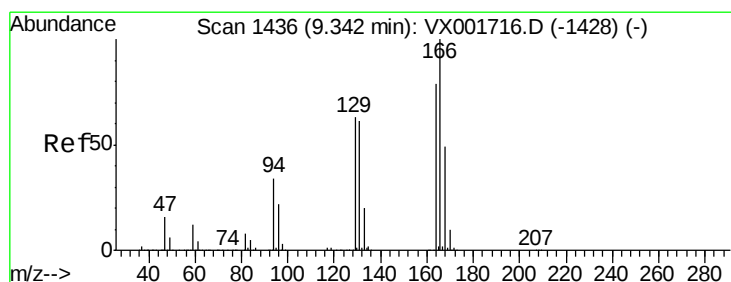
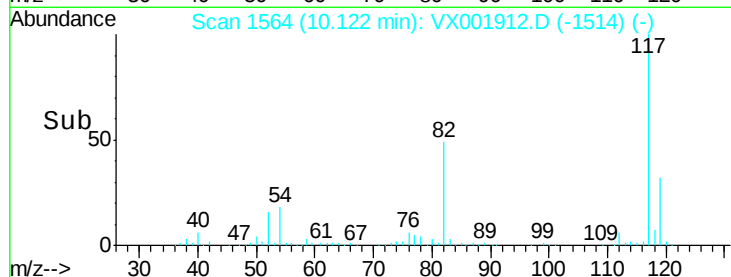
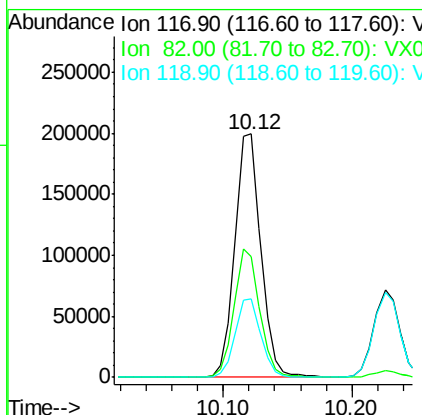
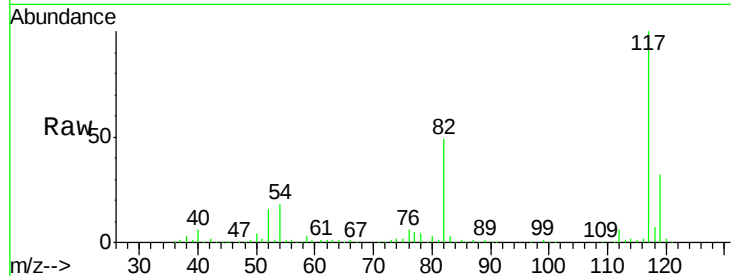
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.4	62.2
119	32.3	25.6	38.4

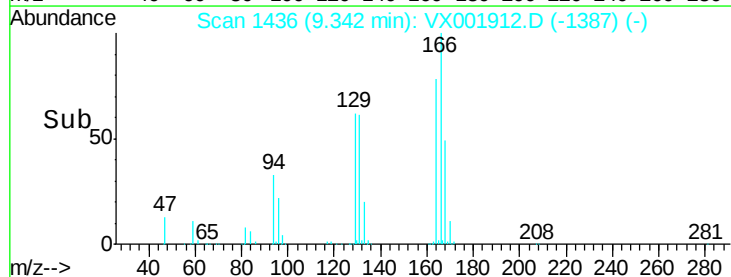
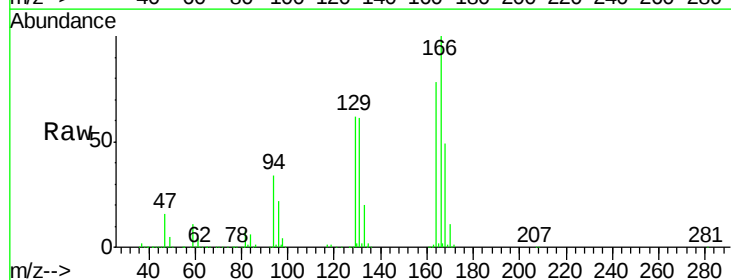
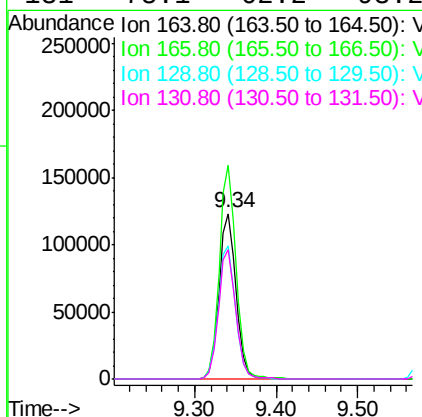
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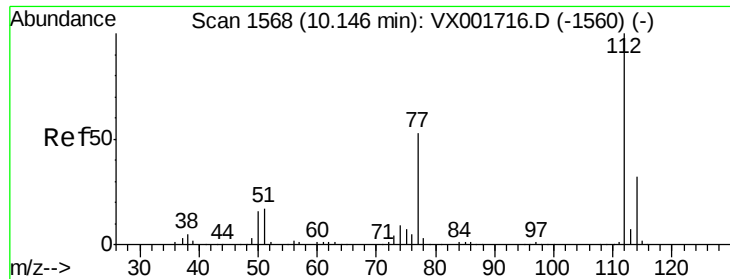
MMDadoda
5/24/2018 11:47:46 AM



#64
Tetrachloroethene
Concen: 49.03 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.8	152.8
129	80.3	63.8	95.6
131	78.1	62.2	93.2





#65

Chlorobenzene

Concen: 50.96 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 395598

Ion Ratio Lower Upper

112 100

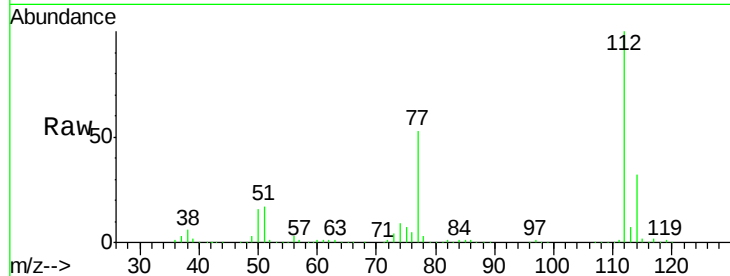
114 31.9 25.6 38.4

Manual Integrations

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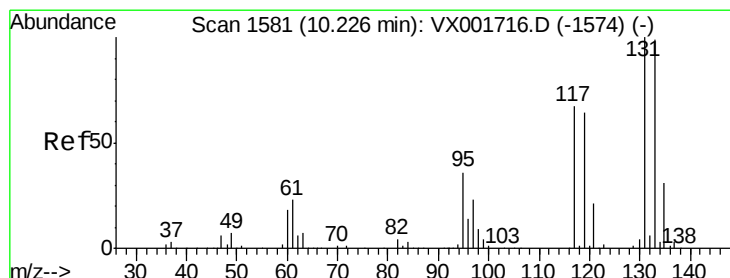
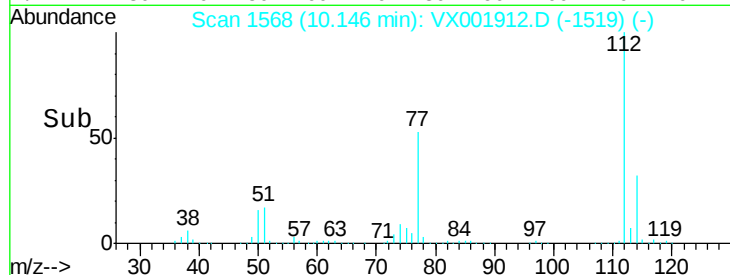
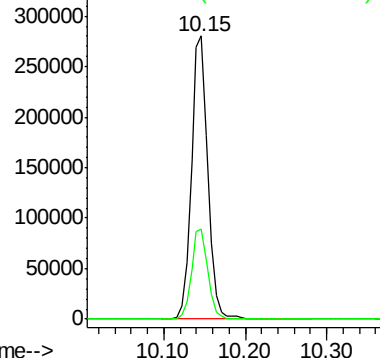
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.71 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

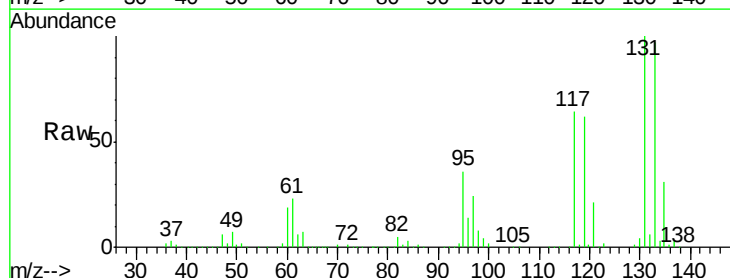
Tgt Ion:131 Resp: 152741

Ion Ratio Lower Upper

131 100

133 96.5 48.5 145.6

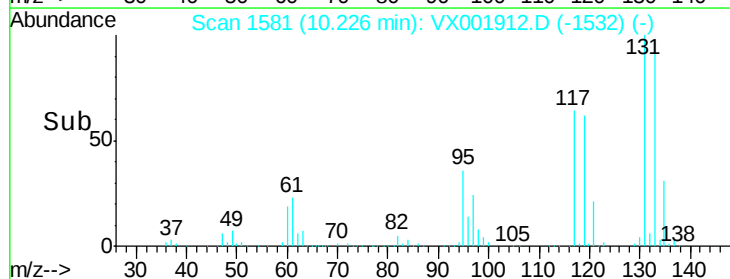
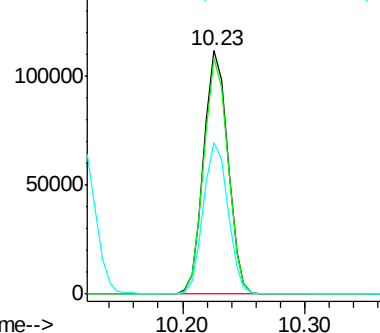
119 63.3 31.9 95.5

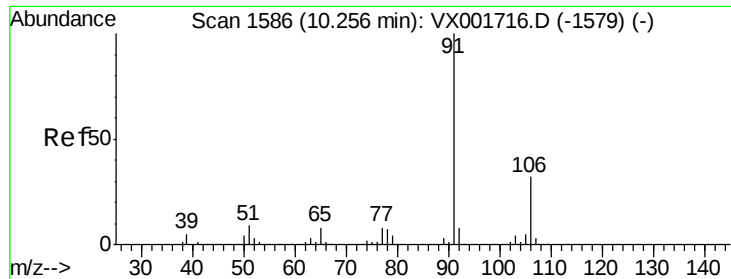


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





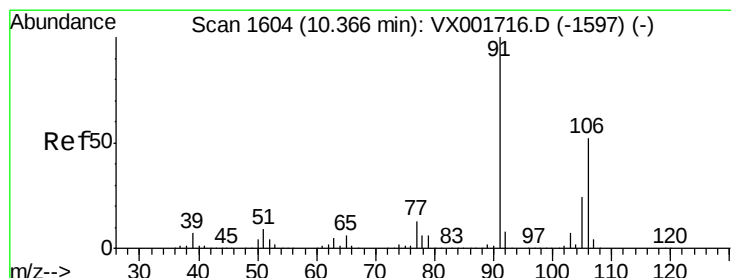
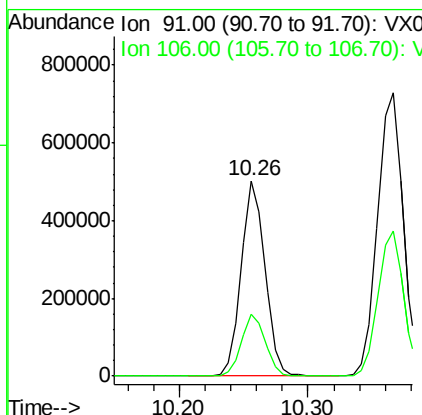
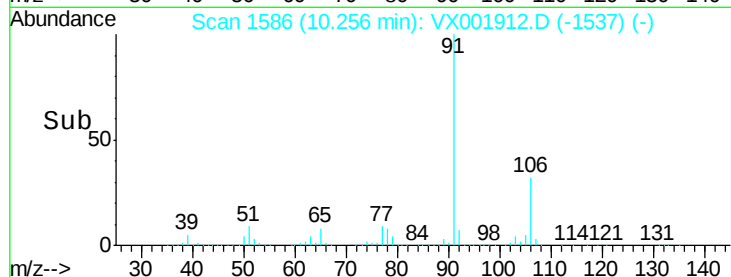
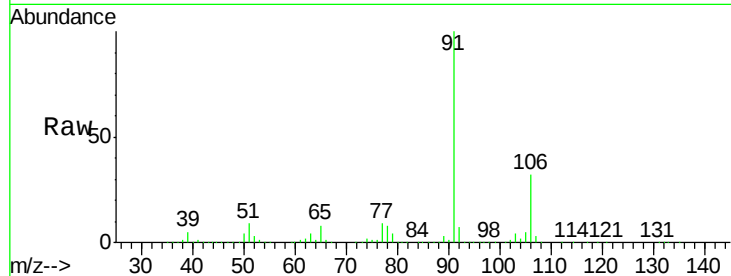
#67
Ethyl Benzene
Concen: 51.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 644508
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

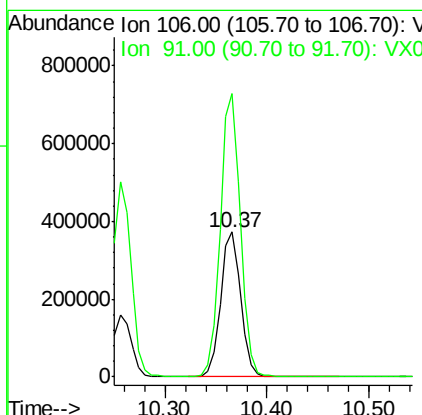
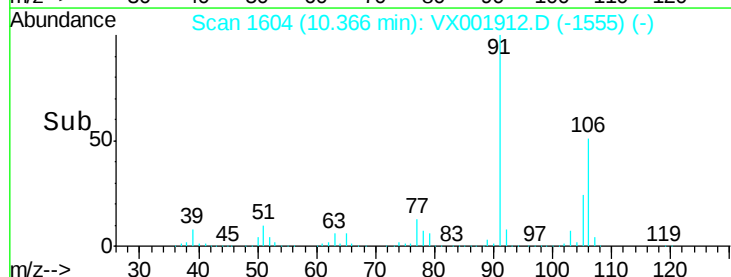
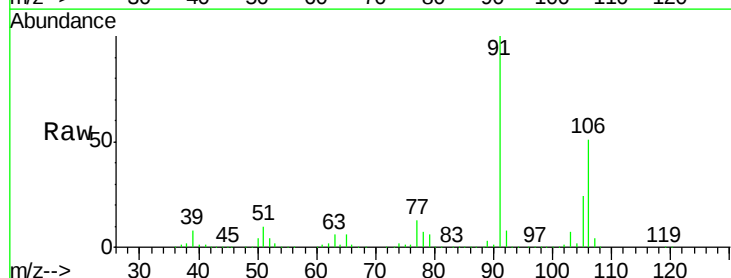
Manual Integrations
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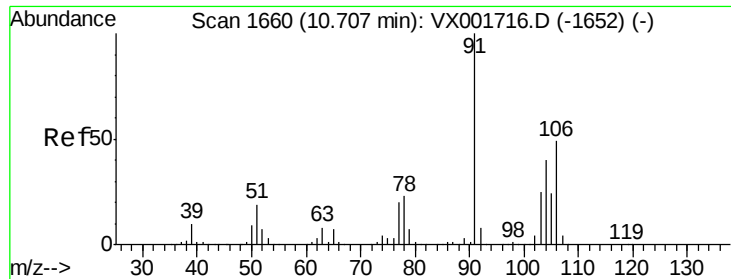
MMDadoda
5/24/2018 11:47:46 AM



#68
m/p-Xylenes
Concen: 104.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion: 106 Resp: 510959
Ion Ratio Lower Upper
106 100
91 196.0 155.4 233.2





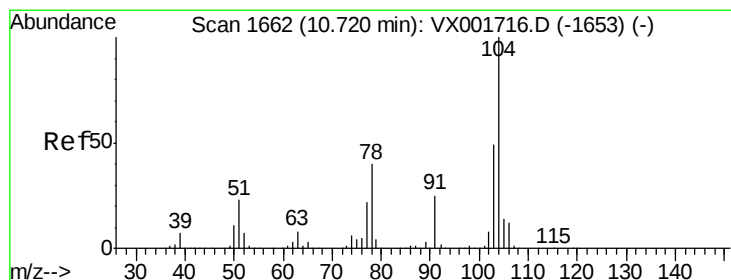
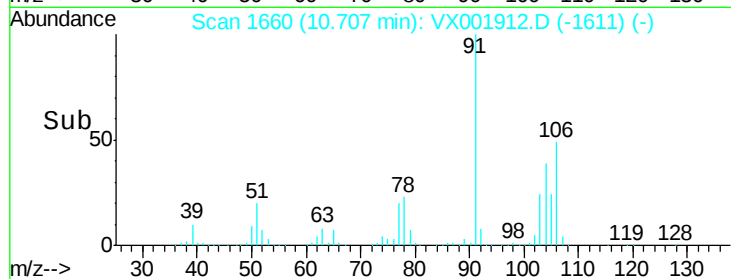
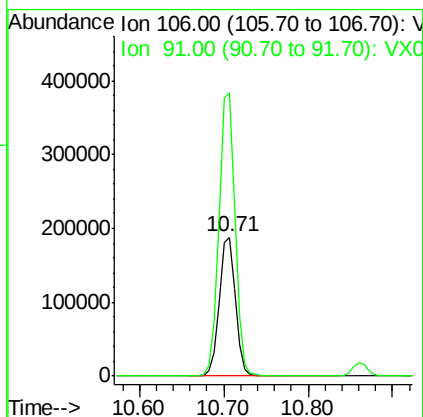
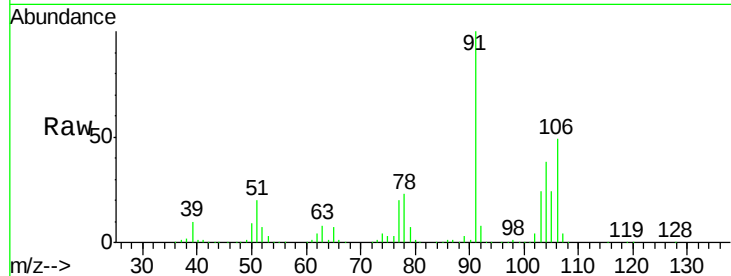
#69
o-Xylene
Concen: 53.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		250875		
91	205.0	103.4	310.2		

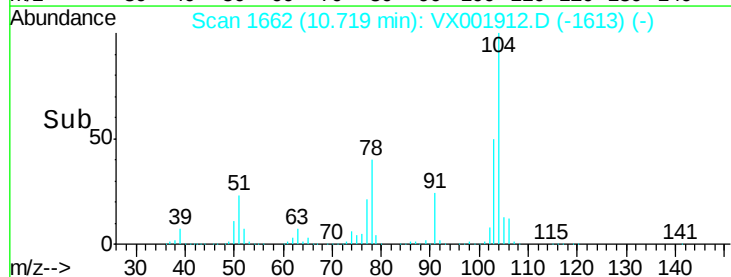
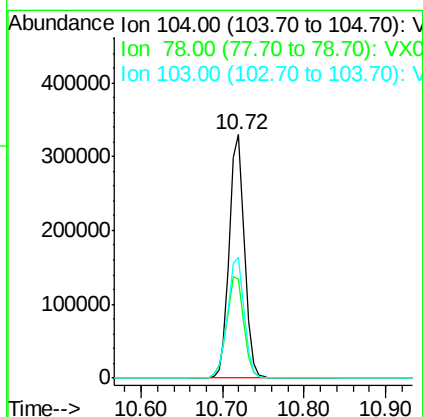
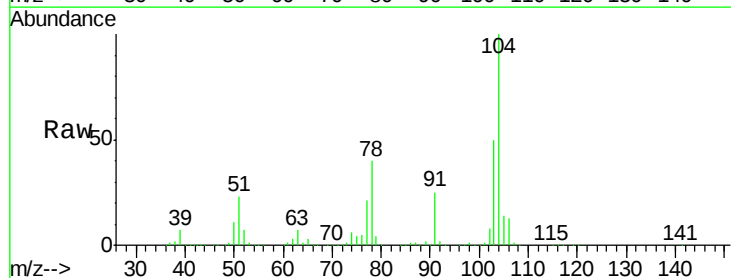
Manual Integrations
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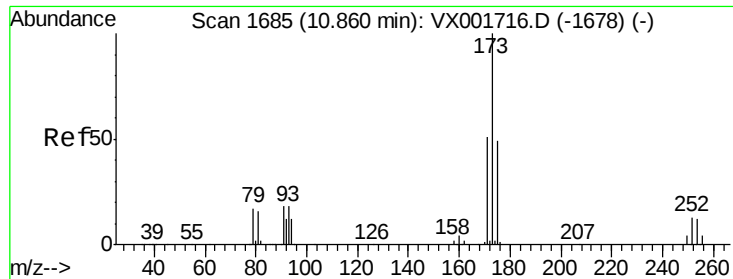
MMDadoda
5/24/2018 11:47:46 AM



#70
Styrene
Concen: 54.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		420943		
78	47.1	37.3	55.9		
103	54.6	43.7	65.5		





#71

Bromoform

Concen: 51.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

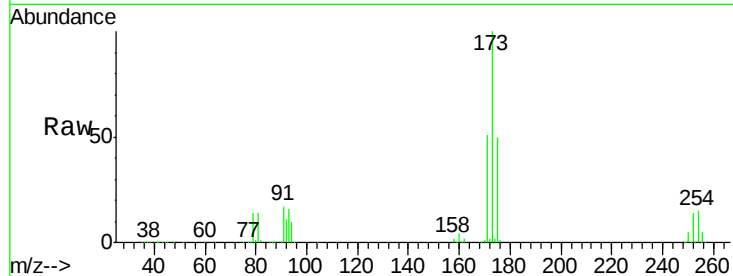
ClientSampleId :

VSTDCCC050EC

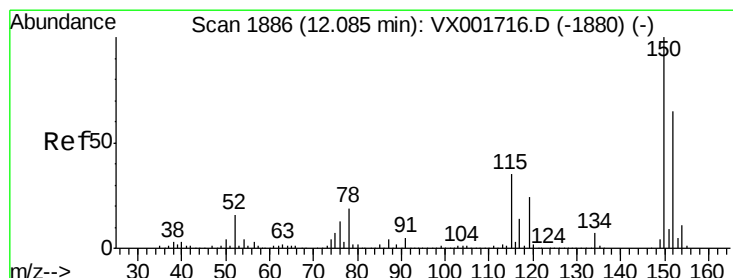
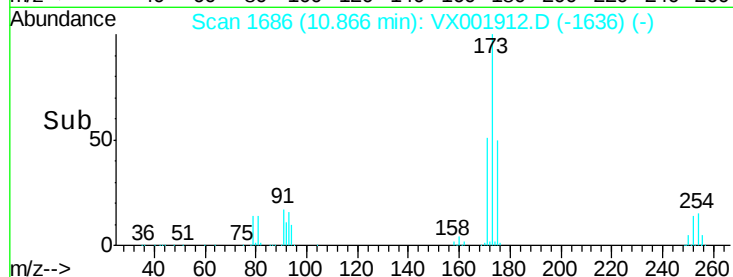
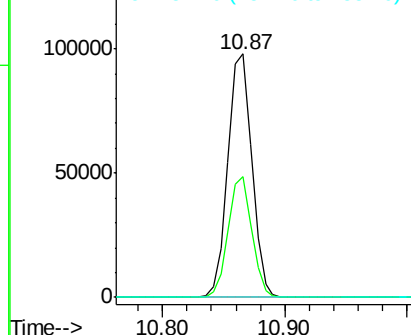
Tot Ion:	173	Resp:	132961
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.2

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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: 50.00 ug/l

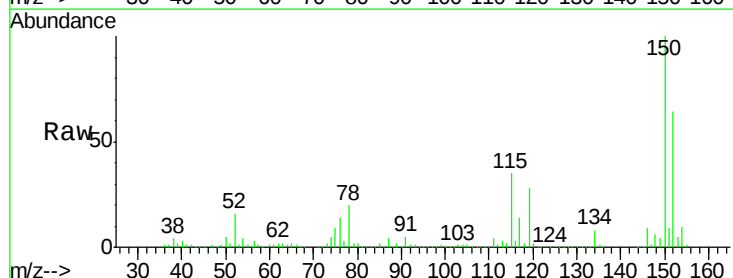
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

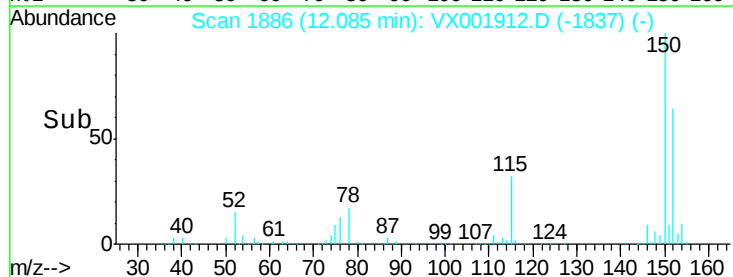
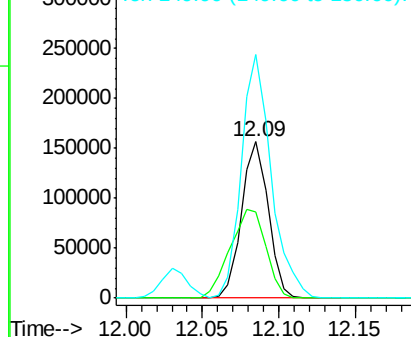
Lab File: VX001912.D

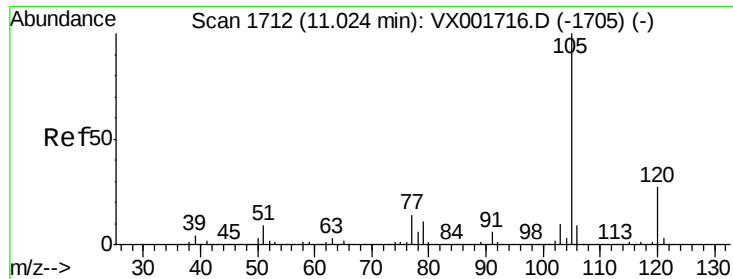
Acq: 22 May 2018 23:38

Tgt Ion:	152	Resp:	190171
Ion Ratio	Lower	Upper	
152	100		
115	75.8	37.4	112.2
150	174.4	0.0	344.8



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: 53.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 675831

Ion Ratio Lower Upper

105 100

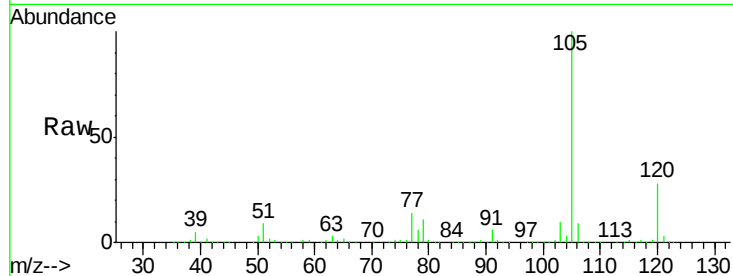
120 27.4 13.8 41.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

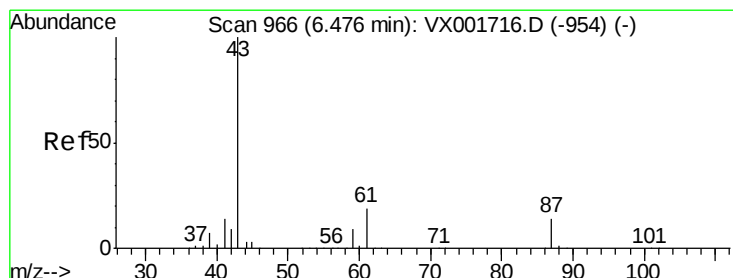
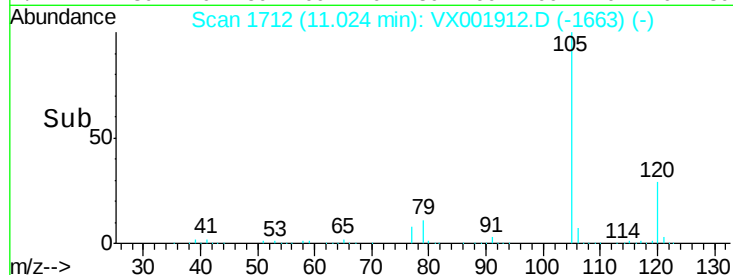
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 60.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion: 43 Resp: 364459

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.7 15.8 23.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

100000

50000

0

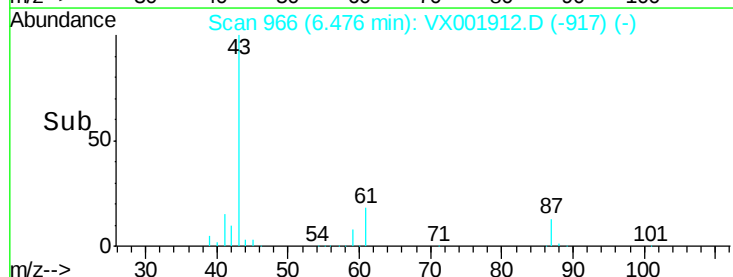
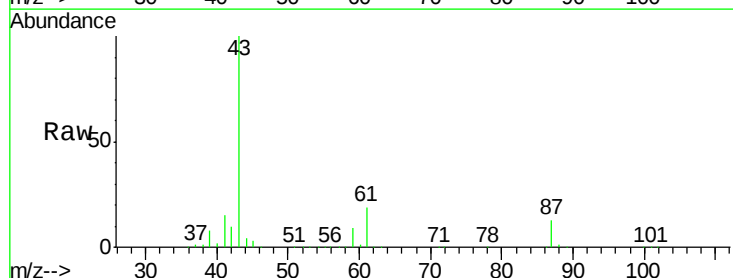
6.48

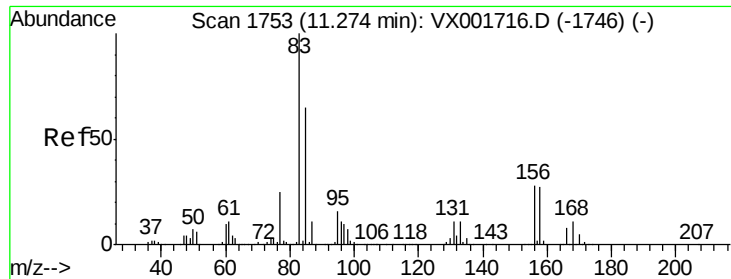
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

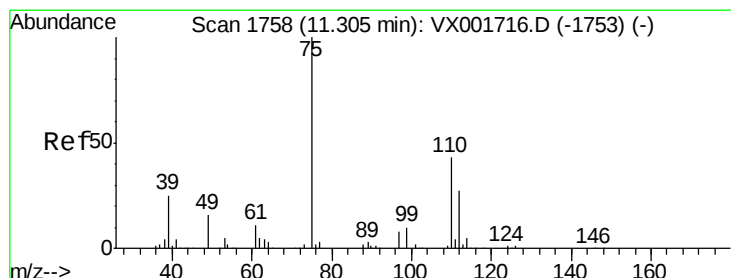
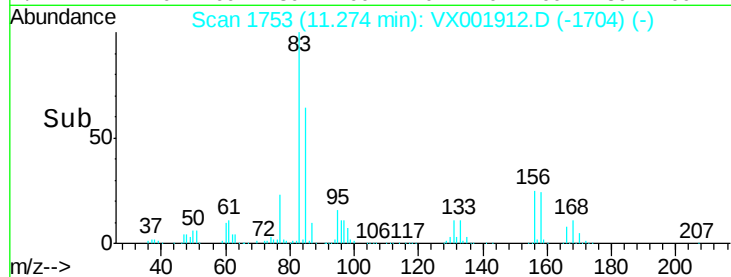
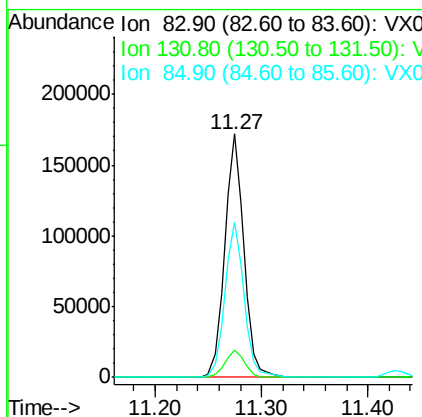
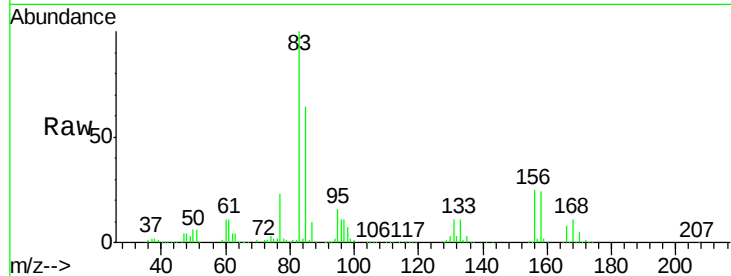
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	216731
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	64.0	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 57.31 ug/l m

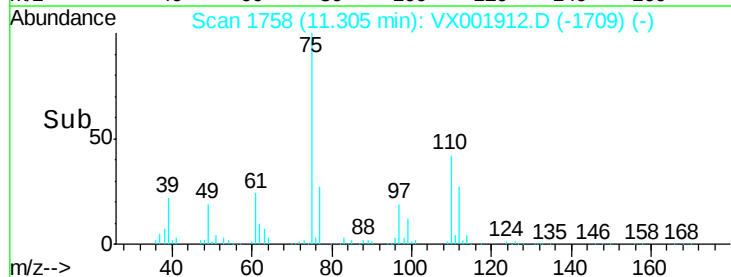
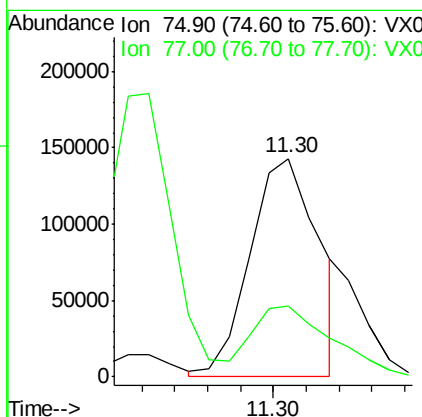
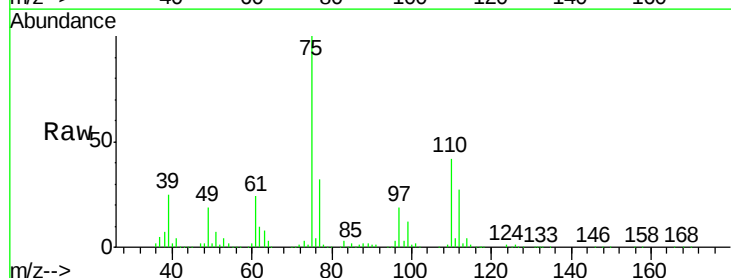
RT: 11.30 min Scan# 1758

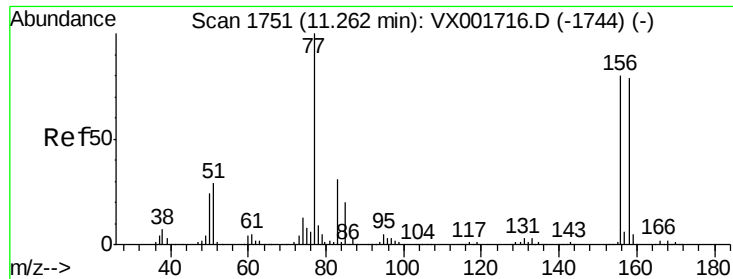
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	75	Resp:	207257
Ion Ratio	Lower	Upper	
75	100		
77	37.5	18.9	56.7





#77

Bromobenzene

Concen: 52.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

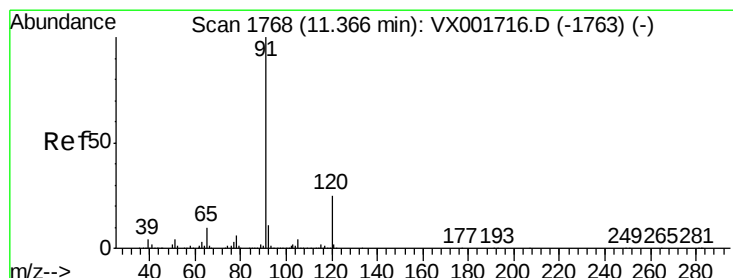
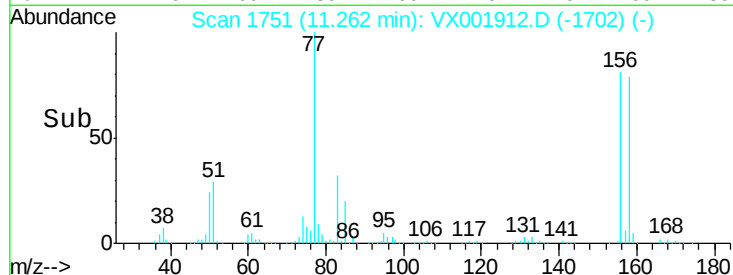
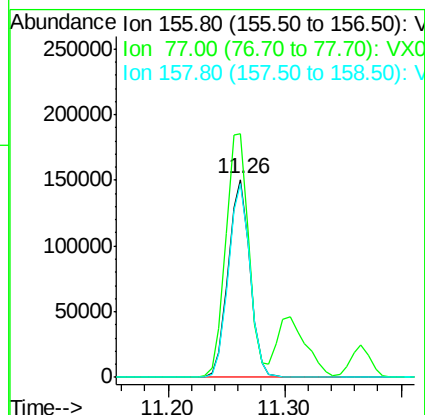
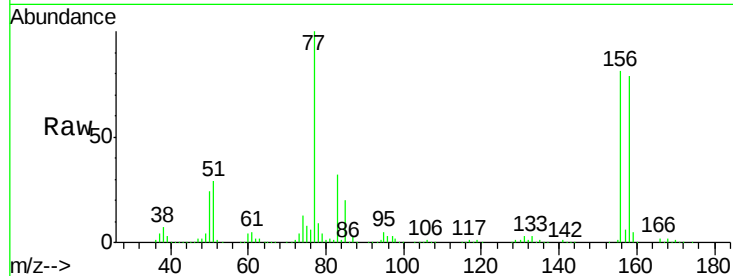
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	194343
Ion Ratio	Lower	Upper	
156	100		
77	131.3	65.3	196.0
158	98.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.01 ug/l

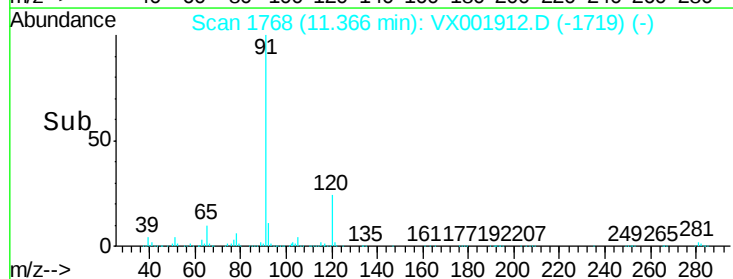
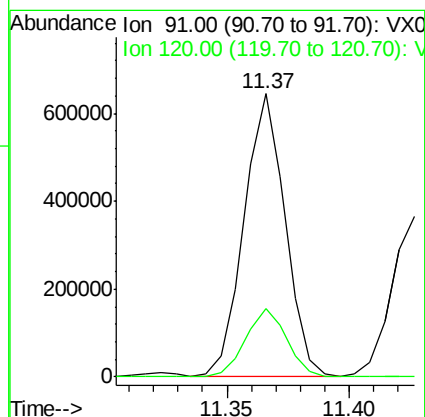
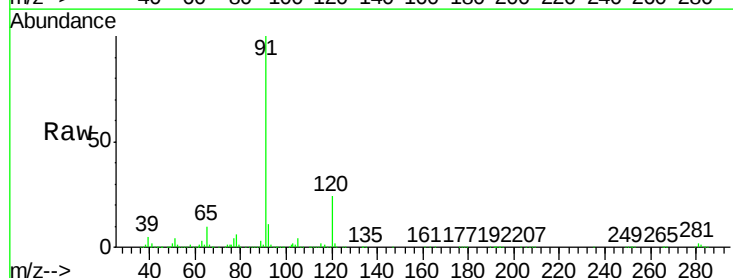
RT: 11.37 min Scan# 1768

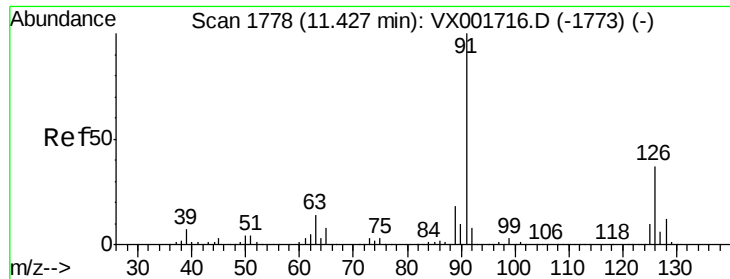
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	91	Resp:	747891
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.5	37.5





#79

2-Chlorotoluene

Concen: 53.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 447442

Ion Ratio Lower Upper

91 100

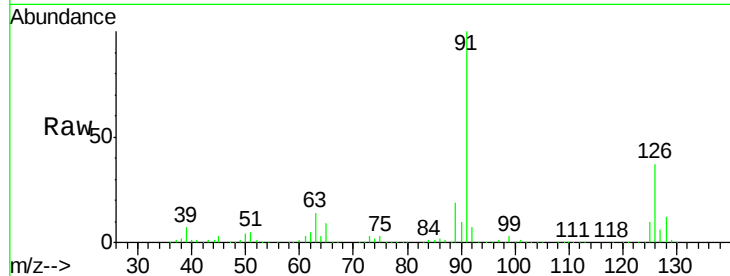
126 36.8 18.4 55.4

Manual Integrations

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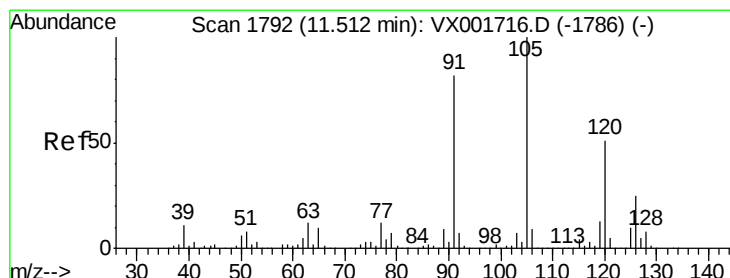
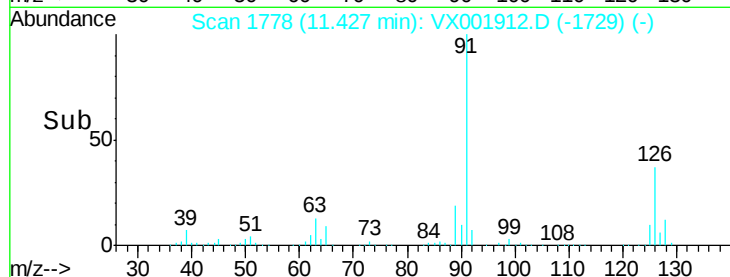
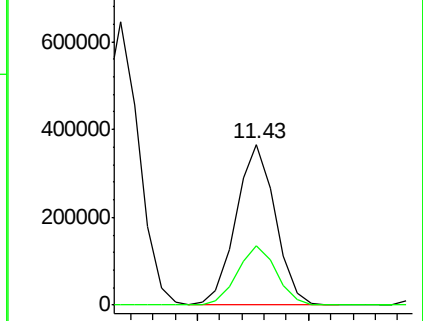
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Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001912.D

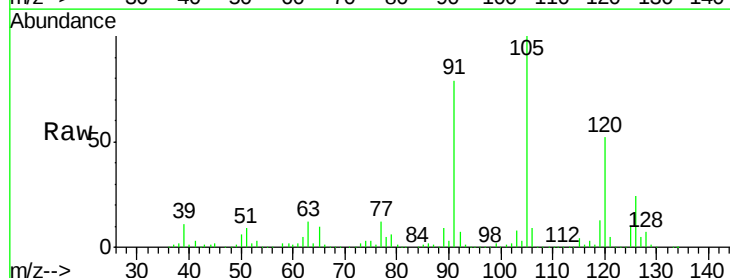
Acq: 22 May 2018 23:38

Tgt Ion: 105 Resp: 557358

Ion Ratio Lower Upper

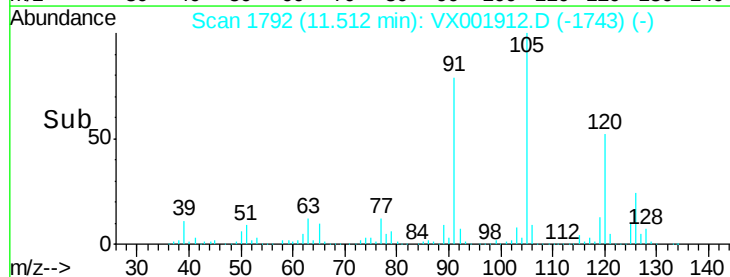
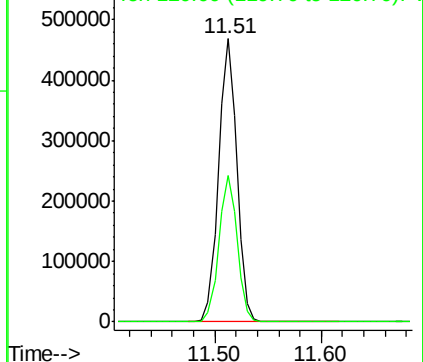
105 100

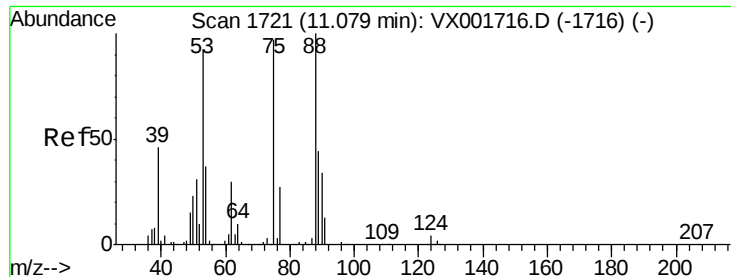
120 51.8 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 53386

Ion Ratio Lower Upper

75 100

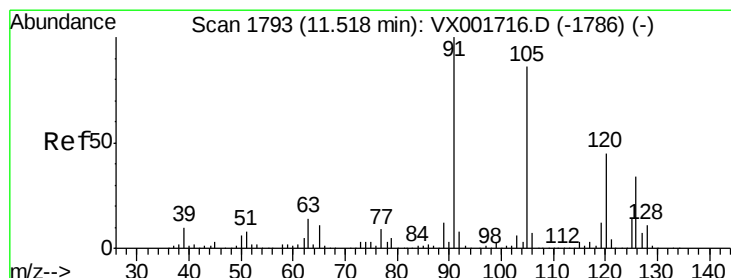
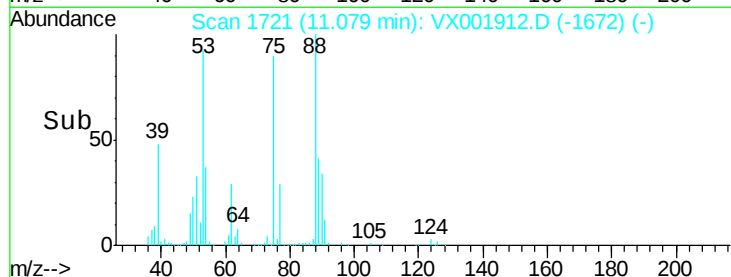
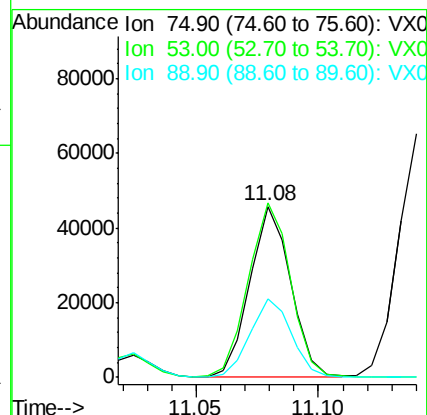
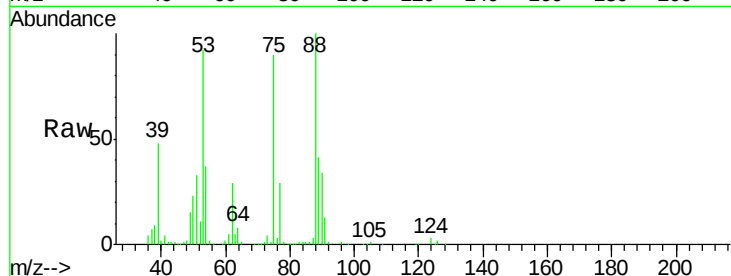
53 104.8 79.4 119.2

89 46.8 38.8 58.2

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#82

4-Chlorotoluene

Concen: 52.59 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001912.D

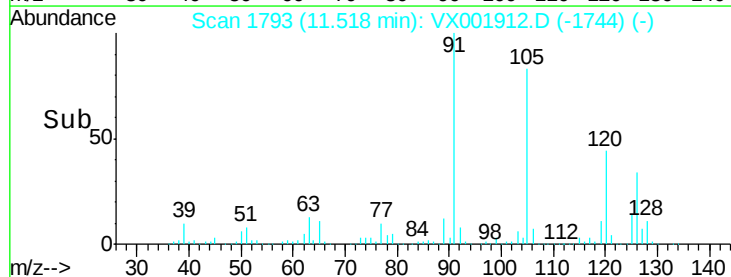
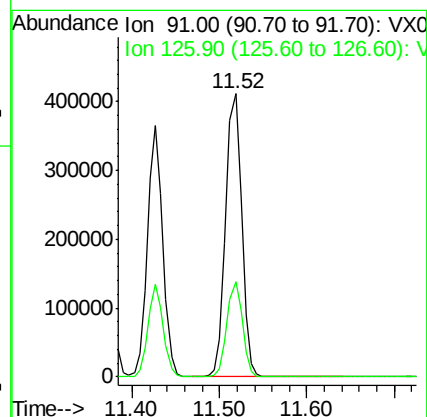
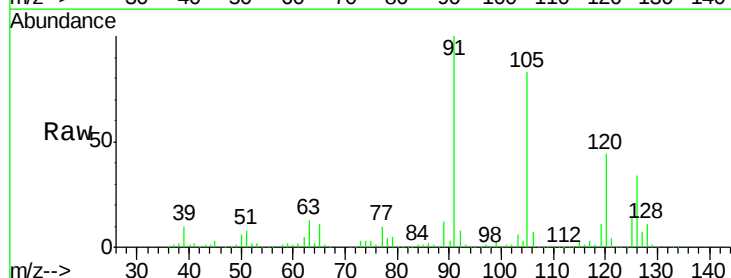
Acq: 22 May 2018 23:38

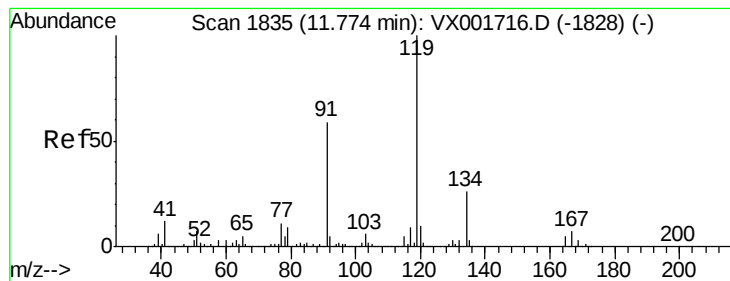
Tgt Ion: 91 Resp: 522801

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1





#83

tert-Butylbenzene

Concen: 54.48 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

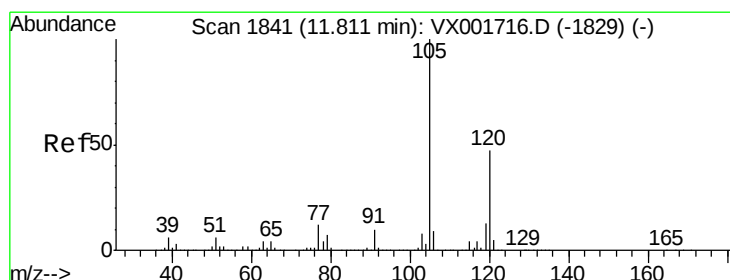
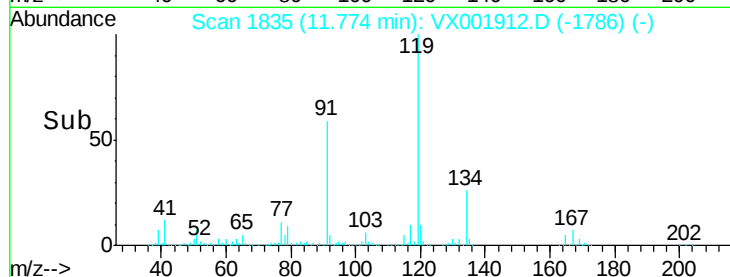
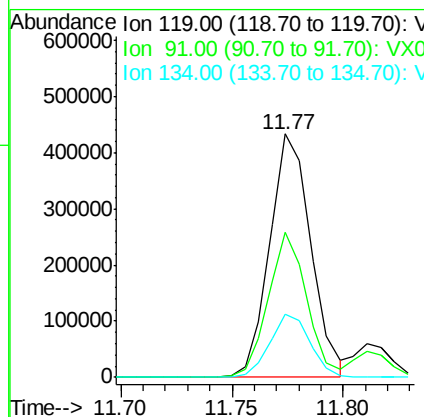
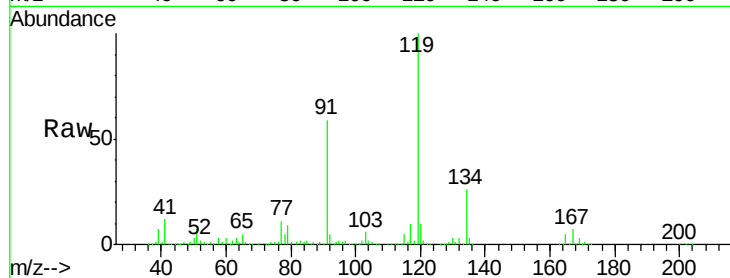
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	557000
Ion Ratio	Lower	Upper	
119	100		
91	55.3	27.7	83.0
134	25.2	12.7	38.1

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#84

1,2,4-Trimethylbenzene

Concen: 54.61 ug/l

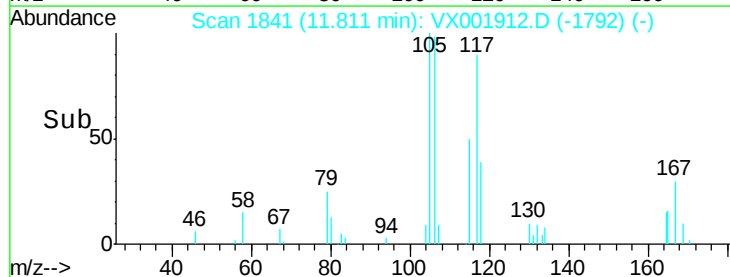
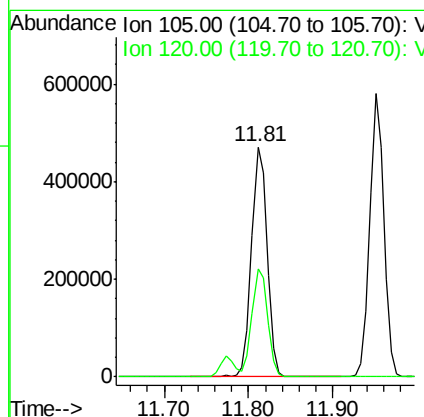
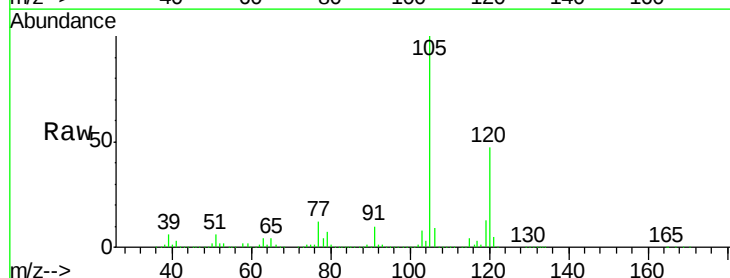
RT: 11.81 min Scan# 1841

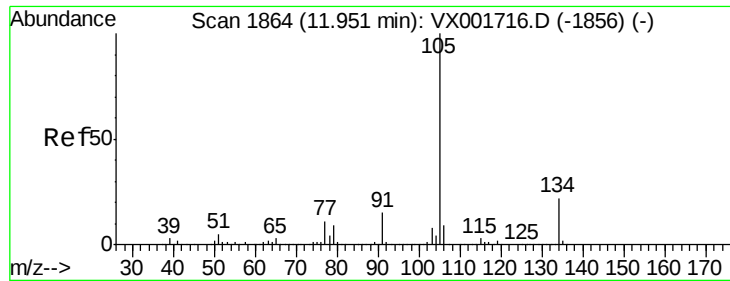
Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	105	Resp:	581012
Ion Ratio	Lower	Upper	
105	100		
120	46.7	23.5	70.5





#85

sec-Butylbenzene

Concen: 53.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 679984

Ion Ratio Lower Upper

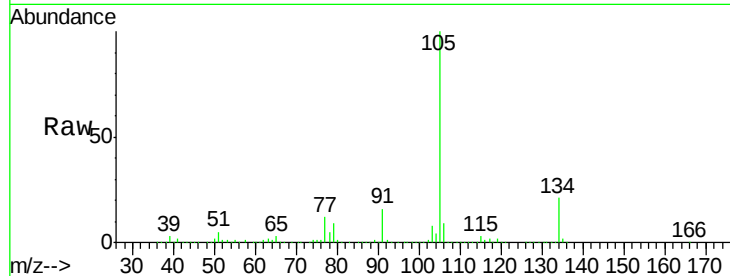
105 100

134 21.7 10.9 32.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

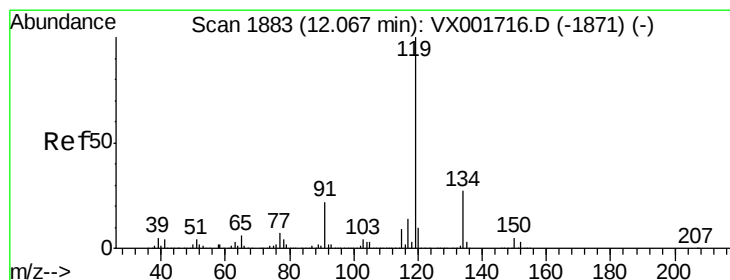
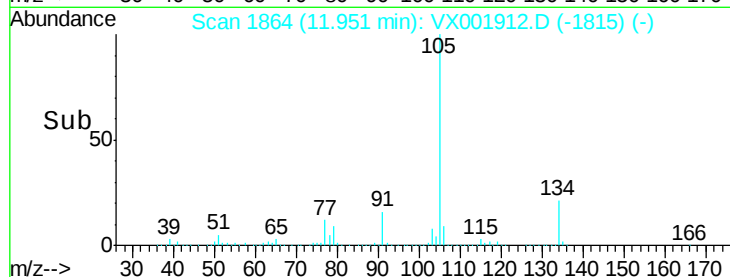
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.50 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

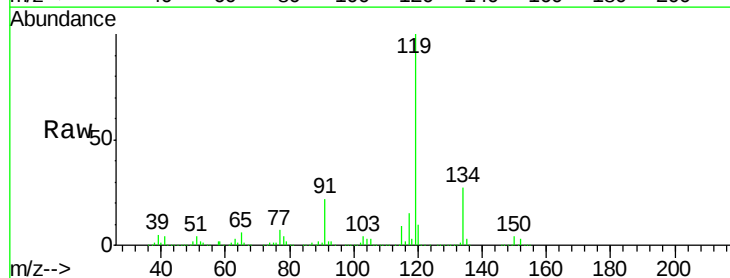
Tgt Ion:119 Resp: 624854

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 21.1 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

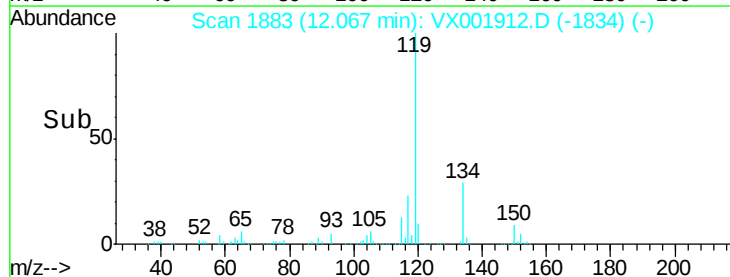
600000

400000

200000

0

Time-->





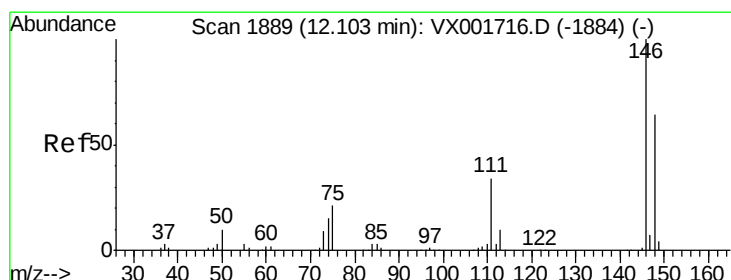
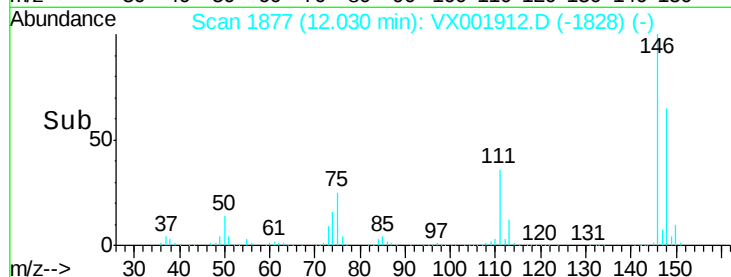
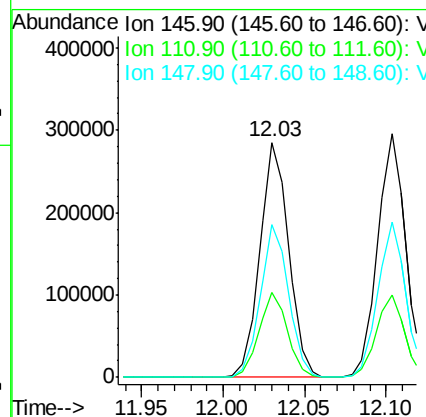
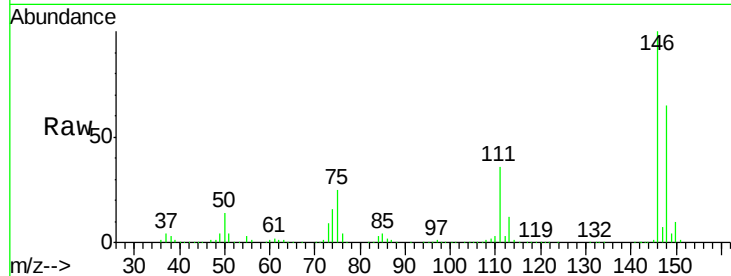
#87
 1,3-Dichlorobenzene
 Concen: 51.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	64.0	32.1	96.3

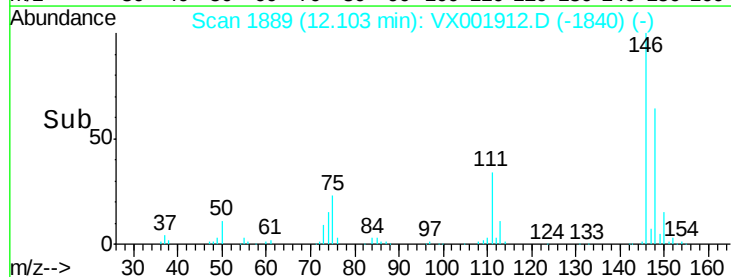
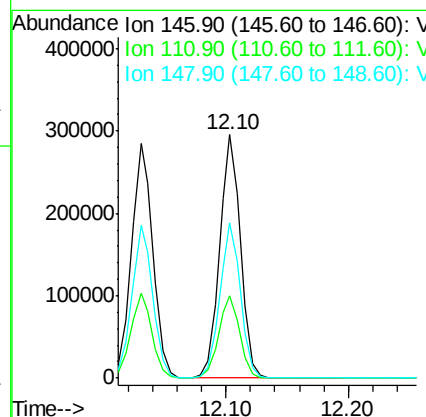
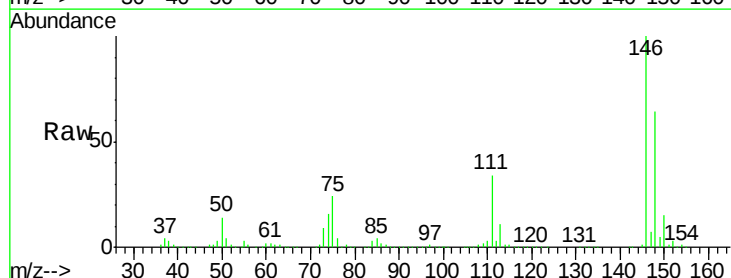
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#88
 1,4-Dichlorobenzene
 Concen: 50.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.3	52.0
148	63.4	32.3	96.9





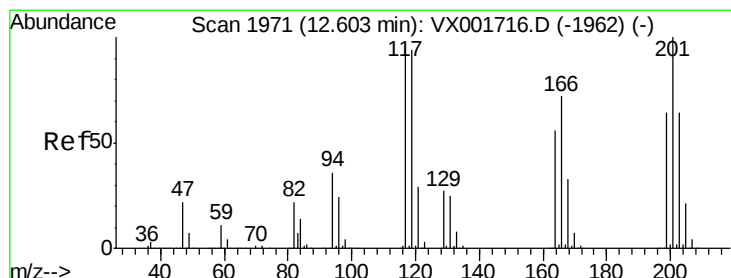
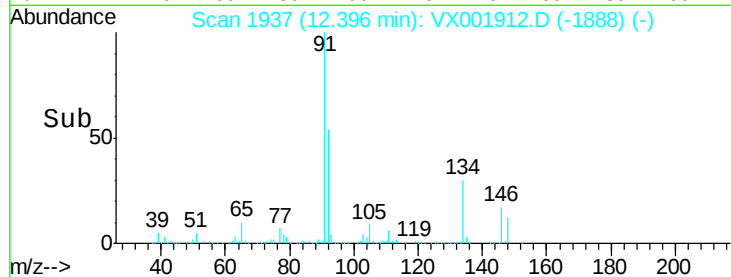
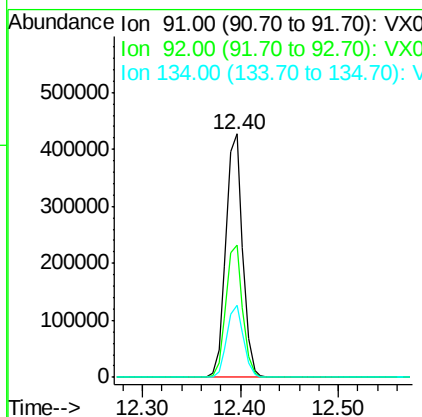
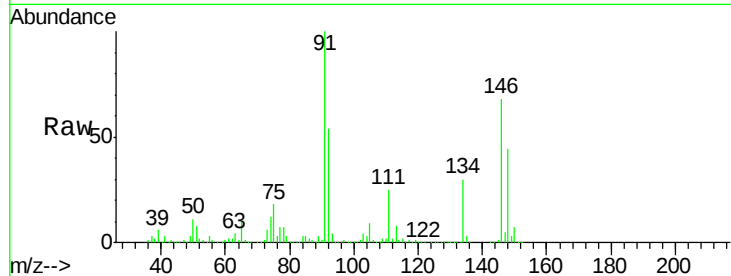
#89
n-Butylbenzene
Concen: 50.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.9
134	29.3	14.7	44.1

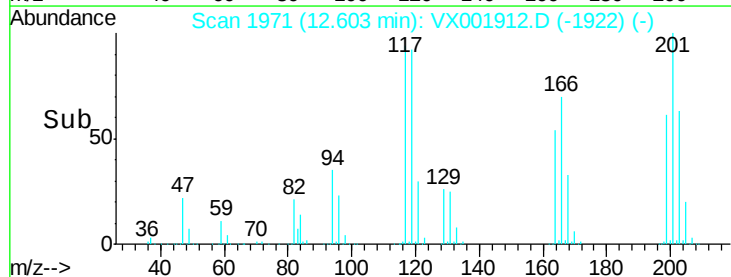
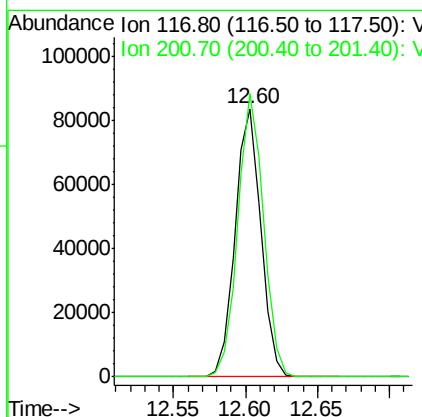
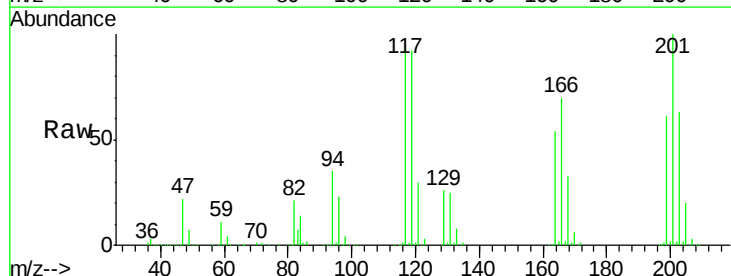
Manual Integrations
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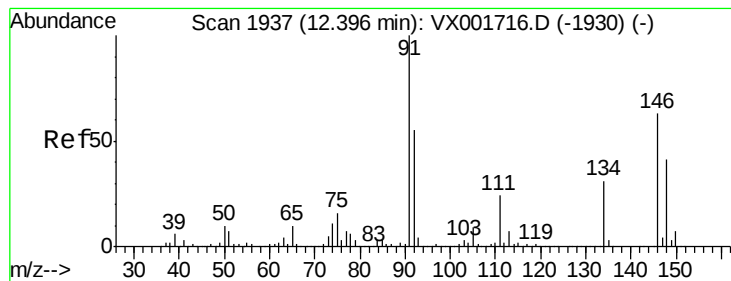
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#90
Hexachloroethane
Concen: 57.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001912.D
Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.6	51.9	155.7





#91

1,2-Dichlorobenzene

Concen: 52.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

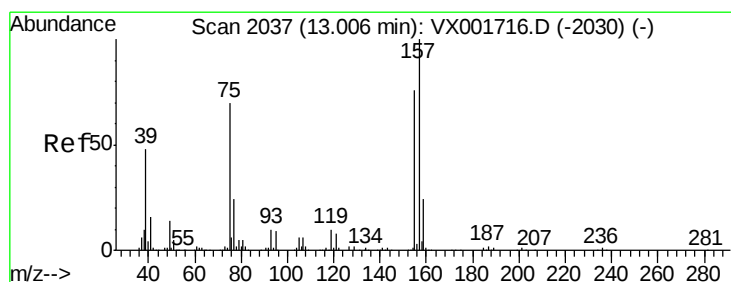
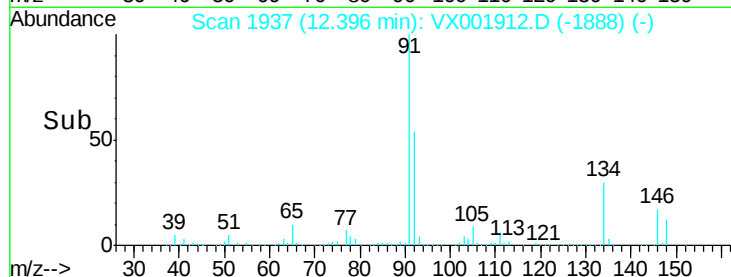
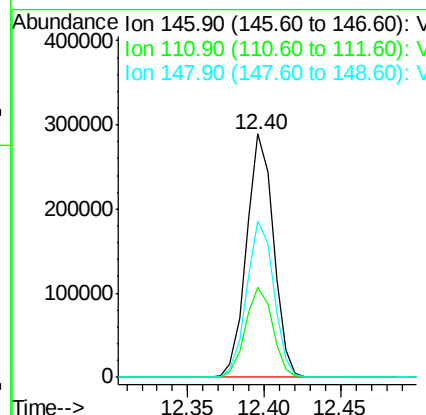
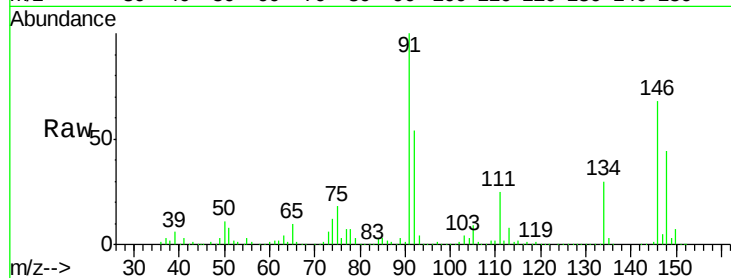
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	354614
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.6	56.0
148	64.7	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 62.17 ug/l

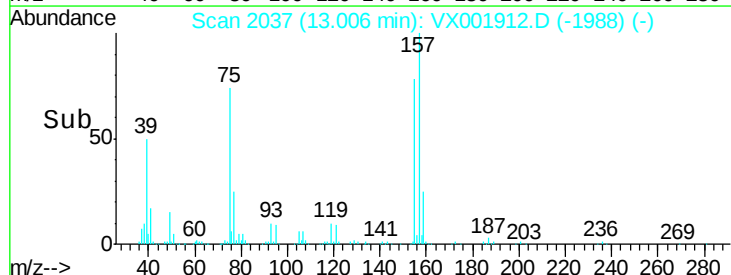
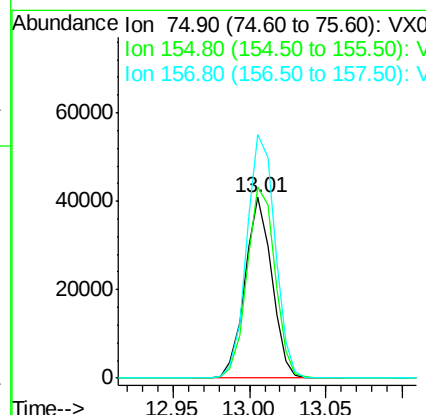
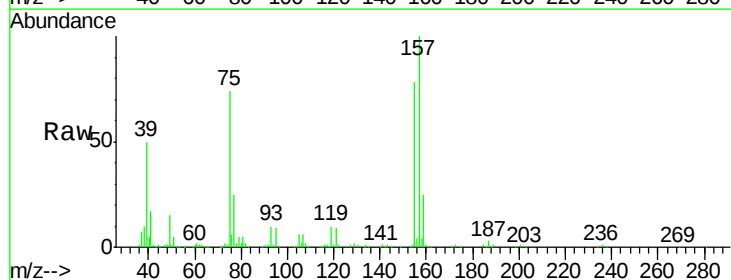
RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	75	Resp:	49851
Ion Ratio	Lower	Upper	
75	100		
155	110.1	53.9	161.8
157	141.9	71.0	213.2





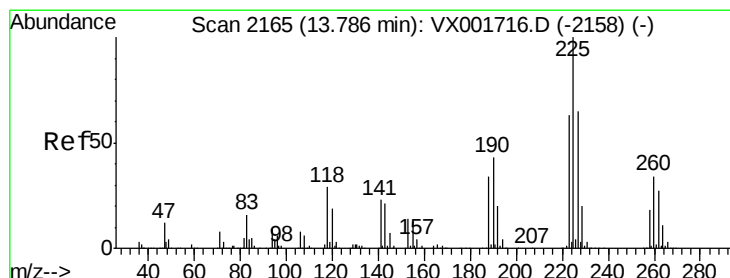
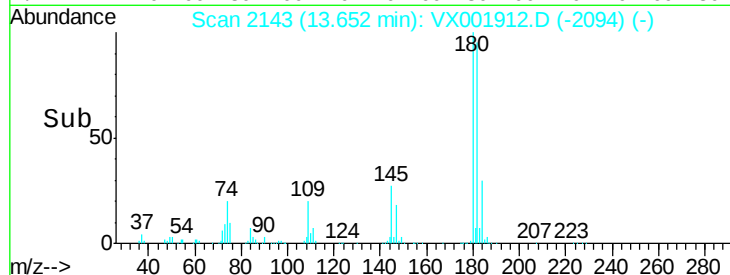
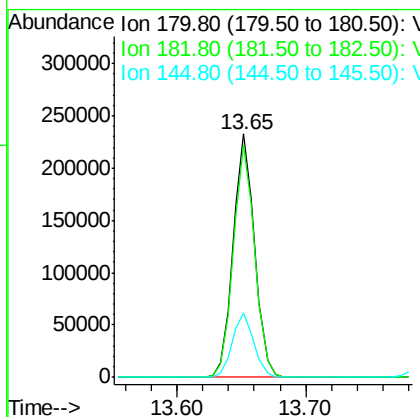
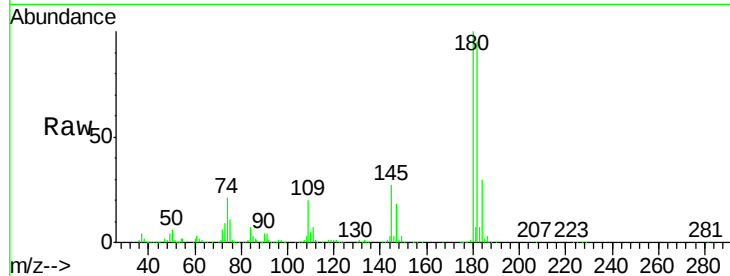
#93
 1,2,4-Trichlorobenzene
 Concen: 50.01 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270338		
182	95.5	47.6	142.9	
145	26.6	13.4	40.1	

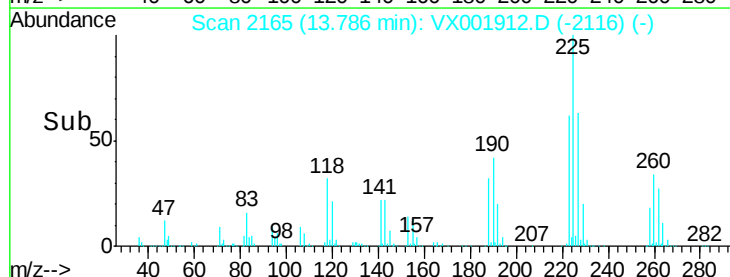
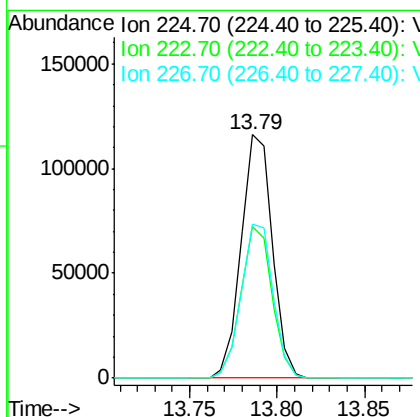
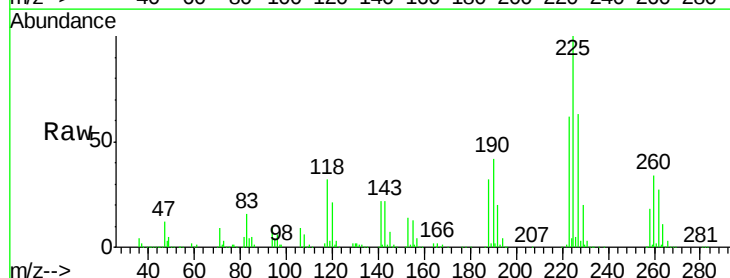
Manual Integrations
 APPROVED

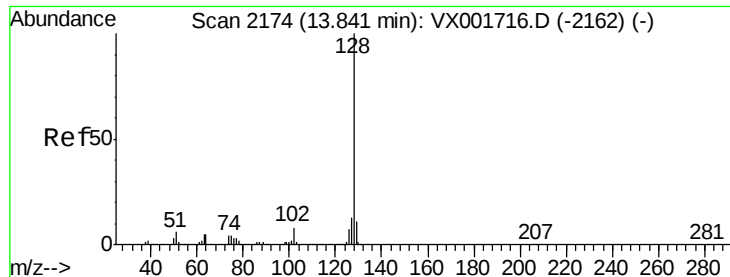
MMDadoda
 5/24/2018 11:47:46 AM



#94
 Hexachlorobutadiene
 Concen: 49.65 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001912.D
 Acq: 22 May 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144077		
223	62.3	31.1	93.5	
227	64.6	31.9	95.5	





#95

Naphthalene

Concen: 56.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Instrument :

MSVOA_X

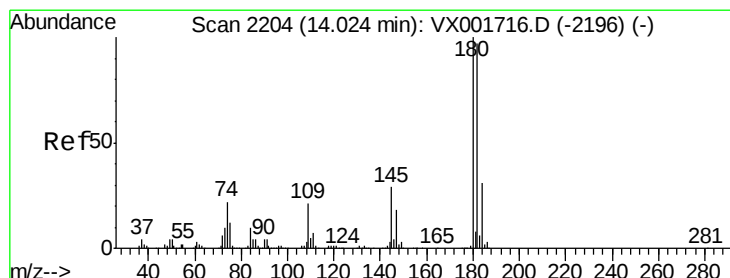
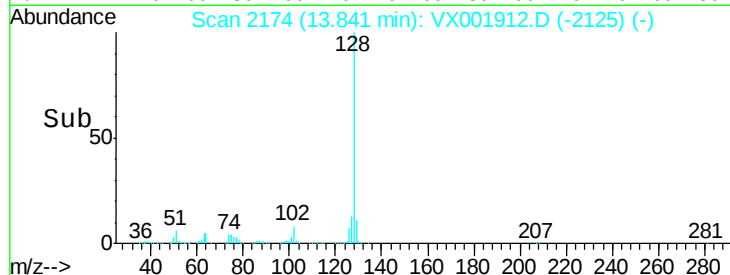
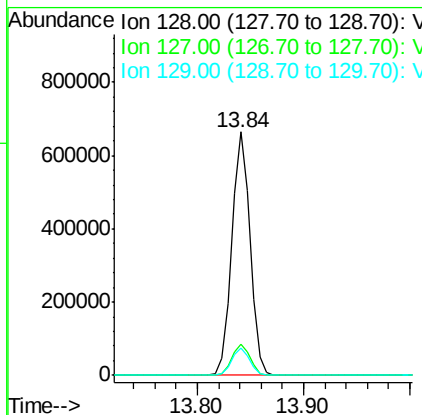
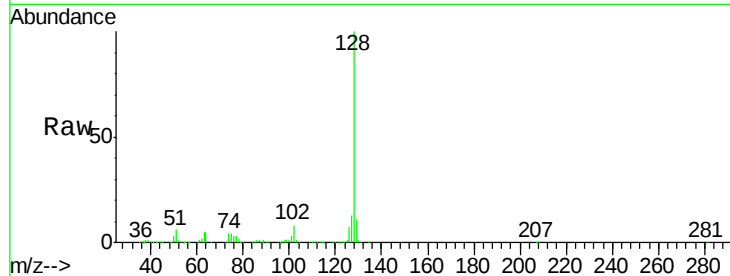
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	799440
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/24/2018 11:47:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.08 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001912.D

Acq: 22 May 2018 23:38

Tgt Ion:	180	Resp:	283435
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.7
145	28.1	14.2	42.8

