

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007047.D
 Acq On : 14 Jan 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:12 AM

Quant Time: Jan 15 00:41:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	770767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	713867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	274386	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.50	113	248915	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	932655	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	341773	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	228432	53.200	ug/l	99
3) Chloromethane	1.33	50	253742	50.763	ug/l	99
4) Vinyl Chloride	1.41	62	268540	49.943	ug/l	98
5) Bromomethane	1.64	94	266693	46.424	ug/l	98
6) Chloroethane	1.71	64	174155	46.386	ug/l	97
7) Trichlorofluoromethane	1.93	101	427003	49.149	ug/l	97
8) Diethyl Ether	2.19	74	164945	47.721	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	251348	48.323	ug/l	99
10) Methyl Iodide	2.51	142	390401	55.643	ug/l	99
11) Tert butyl alcohol	3.08	59	324398	251.661	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232407	48.362	ug/l	95
13) Acrolein	2.30	56	161325	289.690	ug/l	99
14) Allyl chloride	2.73	41	408819	49.639	ug/l	99
15) Acrylonitrile	3.15	53	752395	254.261	ug/l	100
16) Acetone	2.45	43	655111	242.503	ug/l	99
17) Carbon Disulfide	2.57	76	564101	45.593	ug/l	100
18) Methyl Acetate	2.78	43	419674	53.644	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	832746	49.926	ug/l	100
20) Methylene Chloride	2.86	84	273057	53.179	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	250195	46.719	ug/l	96
22) Diisopropyl ether	3.87	45	767122	49.545	ug/l	95
23) Vinyl Acetate	3.82	43	3227084	247.145	ug/l	100
24) 1,1-Dichloroethane	3.70	63	422627	48.815	ug/l	99
25) 2-Butanone	4.70	43	971619	251.364	ug/l	99
26) 2,2-Dichloropropane	4.59	77	314467	47.235	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	286868	48.564	ug/l	99
28) Bromochloromethane	5.02	49	185772	48.975	ug/l	96
29) Tetrahydrofuran	5.15	42	626583	249.434	ug/l	98
30) Chloroform	5.21	83	451239	49.780	ug/l	93
31) Cyclohexane	5.57	56	374317	48.576	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	384839	50.088	ug/l	99
36) 1,1-Dichloropropene	5.80	75	322211	48.083	ug/l	99
37) Ethyl Acetate	4.85	43	359219	50.001	ug/l	99
38) Carbon Tetrachloride	5.79	117	334286	49.581	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408076	47.767	ug/l	99
40) Benzene	6.15	78	999054	48.860	ug/l	100
41) Methacrylonitrile	5.06	41	196503	47.479	ug/l	98
42) 1,2-Dichloroethane	6.20	62	340607	48.205	ug/l	99
43) Isopropyl Acetate	6.46	43	584763	51.602	ug/l	98
44) Trichloroethene	7.21	130	291629	47.595	ug/l	100
45) 1,2-Dichloropropane	7.51	63	252048	49.031	ug/l	99
46) Dibromomethane	7.66	93	179036	49.556	ug/l	96
47) Bromodichloromethane	7.90	83	322888	52.506	ug/l	99
48) Methyl methacrylate	7.77	41	298737	51.333	ug/l	96
49) 1,4-Dioxane	7.75	88	137878	1037.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1928435	264.794	ug/l	99
52) Toluene	8.79	92	660808	50.281	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	360756	52.905	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	393692	52.280	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	279252	53.086	ug/l	98
56) Ethyl methacrylate	9.18	69	414259	53.944	ug/l	96
57) 1,3-Dichloropropane	9.37	76	437624	50.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045117	264.692	ug/l	99
59) 2-Hexanone	9.49	43	1460500	263.159	ug/l	99
60) Dibromochloromethane	9.59	129	286628	56.114	ug/l	99
61) 1,2-Dibromoethane	9.67	107	297194	51.319	ug/l	99
64) Tetrachloroethene	9.34	164	277604	44.916	ug/l	97
65) Chlorobenzene	10.14	112	765504	49.166	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	275759	52.649	ug/l	99
67) Ethyl Benzene	10.25	91	1266894	49.288	ug/l	98
68) m/p-Xylenes	10.36	106	1006839	99.422	ug/l	100
69) o-Xylene	10.70	106	492298	49.846	ug/l	97
70) Styrene	10.71	104	802794	51.323	ug/l	100
71) Bromoform	10.86	173	218551	46.957	ug/l #	98
73) Isopropylbenzene	11.02	105	1308883	50.200	ug/l	99
74) N-amyl acetate	10.90	43	538784	51.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	410457	49.588	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	376954m	50.307	ug/l	
77) Bromobenzene	11.26	156	354341	49.323	ug/l	100
78) n-propylbenzene	11.36	91	1451863	50.724	ug/l	99
79) 2-Chlorotoluene	11.42	91	852678	49.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1076521	49.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116621	47.199	ug/l	98
82) 4-Chlorotoluene	11.51	91	1000701	50.162	ug/l	99
83) tert-Butylbenzene	11.77	119	1106091	50.886	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1096189	50.036	ug/l	99
85) sec-Butylbenzene	11.94	105	1314062	50.620	ug/l	100
86) p-Isopropyltoluene	12.07	119	1171692	50.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	629119	48.449	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	628943	51.117	ug/l	99
89) n-Butylbenzene	12.39	91	1006498	50.848	ug/l	98
90) Hexachloroethane	12.60	117	182807	49.355	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	622552	48.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87298	53.326	ug/l	98

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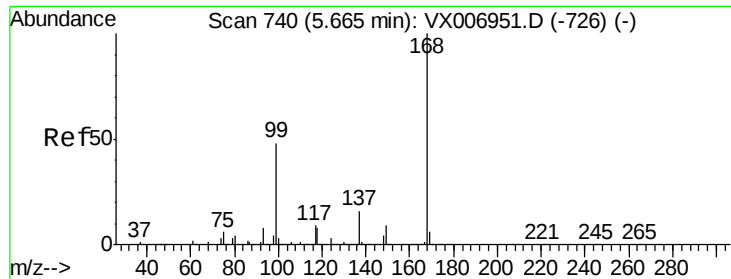
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	433384	49.295	ug/l	99
94) Hexachlorobutadiene	13.79	225	200173	51.308	ug/l	98
95) Naphthalene	13.83	128	1331385	49.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	431546	49.413	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 522872

Ion Ratio Lower Upper

168 100

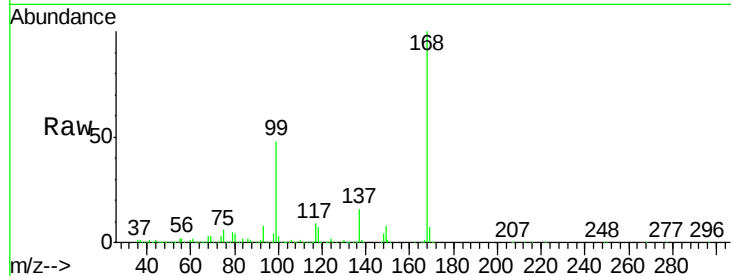
99 48.2 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

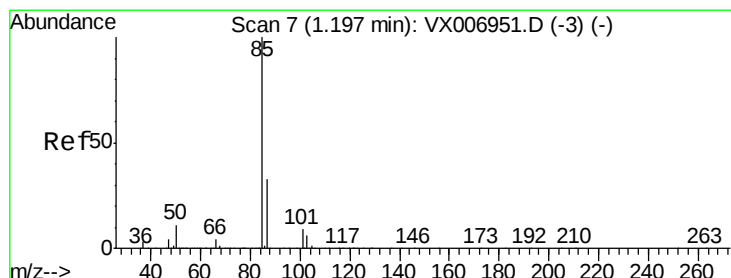
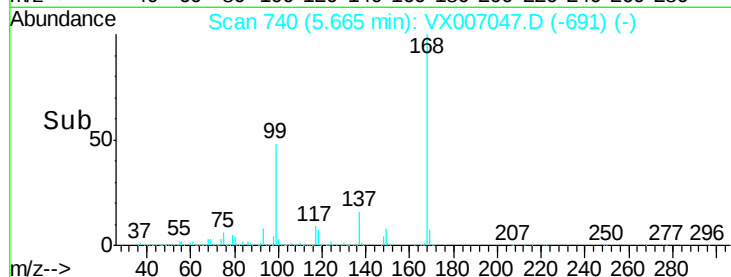
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.200 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007047.D

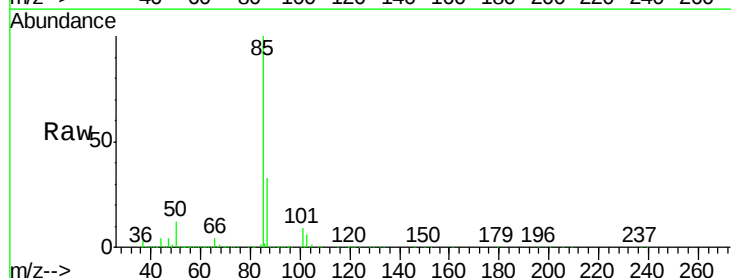
Acq: 14 Jan 2019 18:42

Tgt Ion: 85 Resp: 228432

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

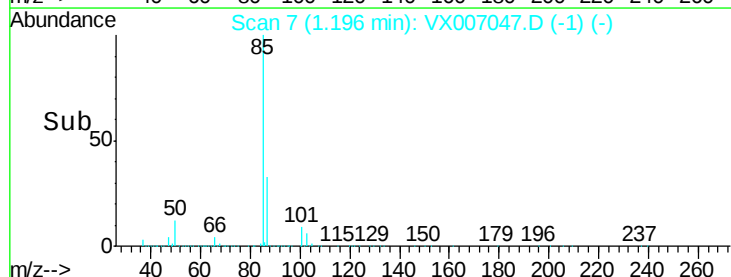
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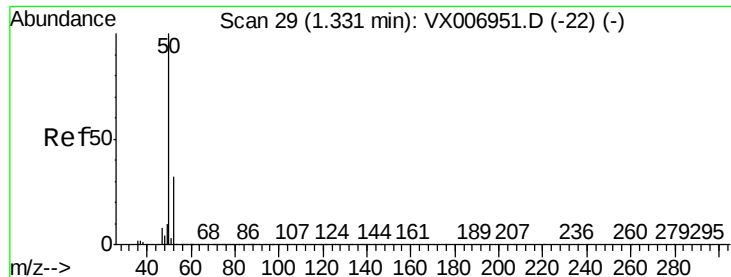
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.763 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 253742

Ion Ratio Lower Upper

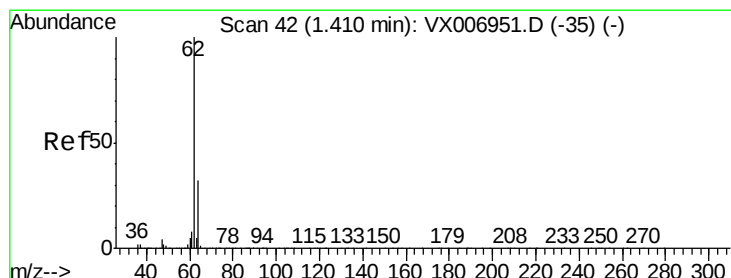
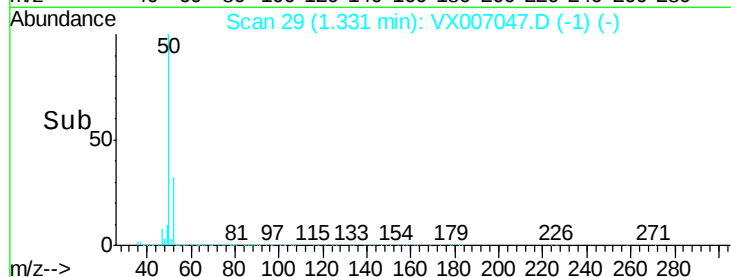
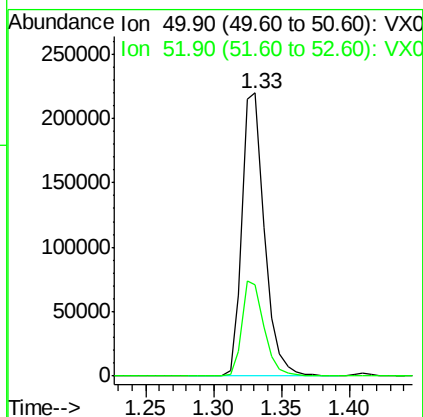
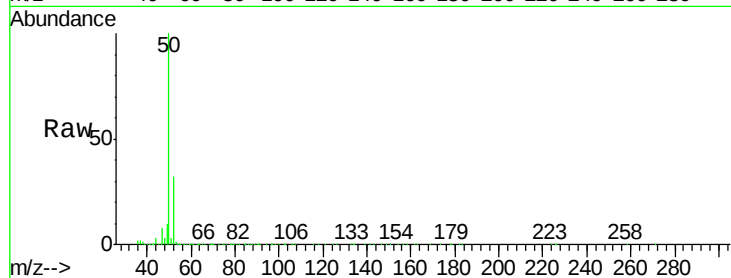
50 100

52 32.2 25.4 38.2

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#4

Vinyl Chloride

Concen: 49.943 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007047.D

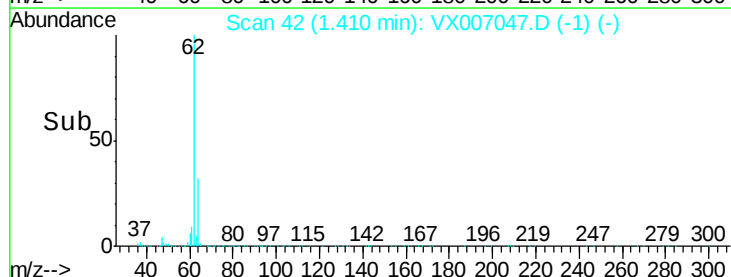
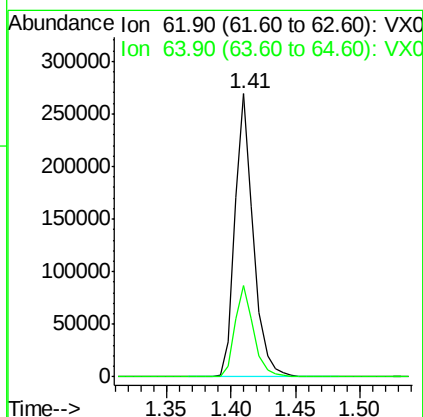
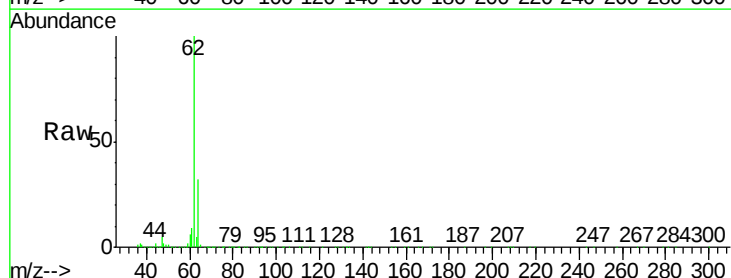
Acq: 14 Jan 2019 18:42

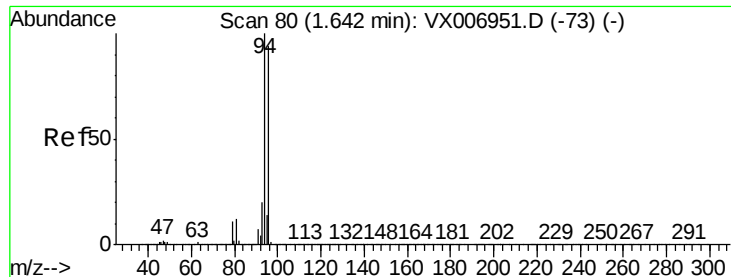
Tgt Ion: 62 Resp: 268540

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 46.424 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 266693

Ion Ratio Lower Upper

94 100

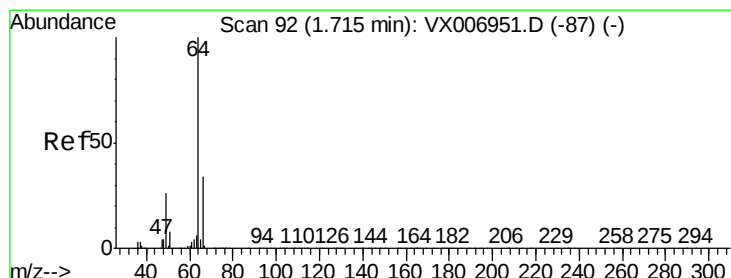
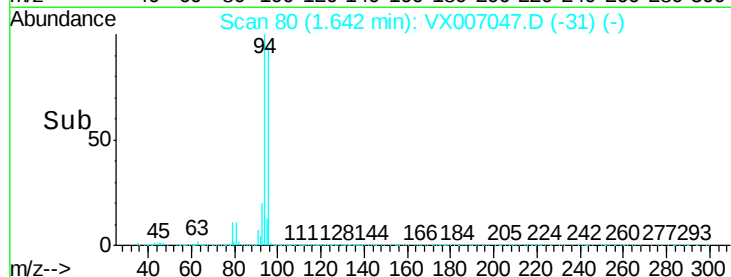
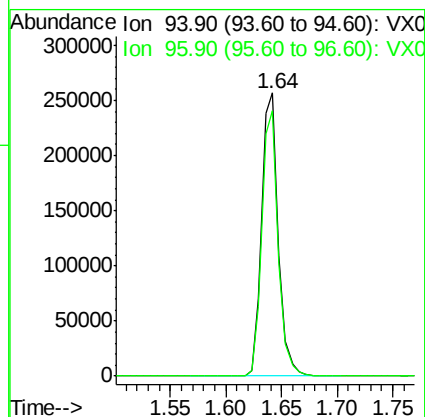
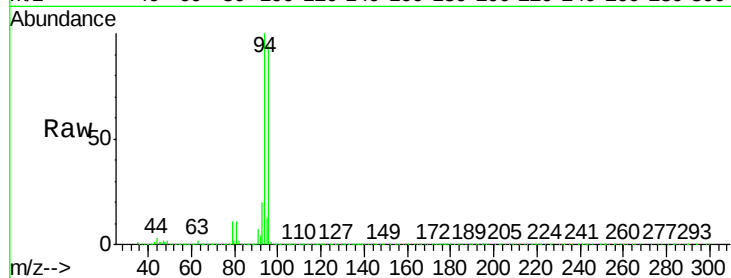
96 93.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 46.386 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007047.D

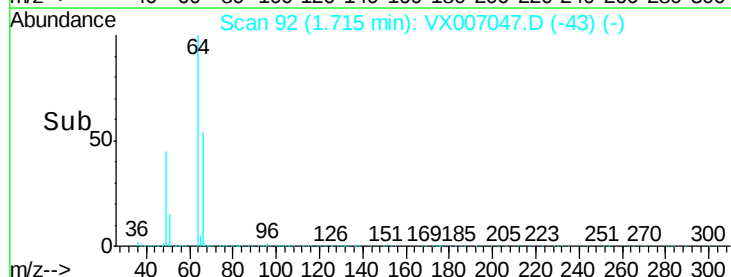
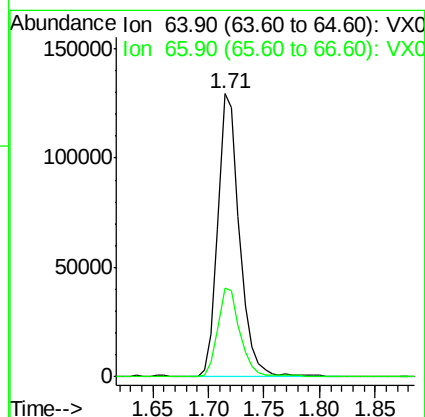
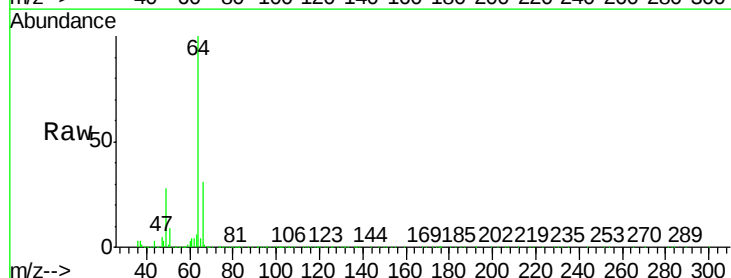
Acq: 14 Jan 2019 18:42

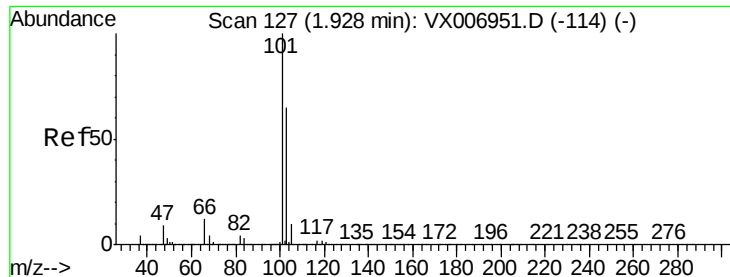
Tgt Ion: 64 Resp: 174155

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6





#7

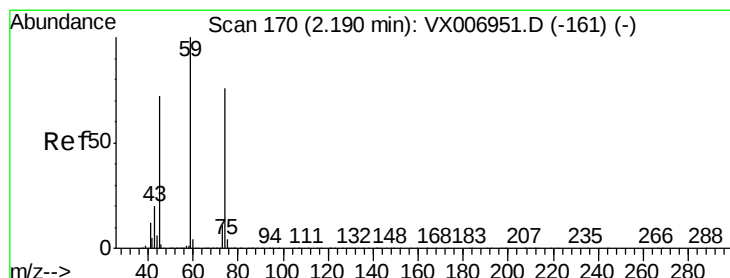
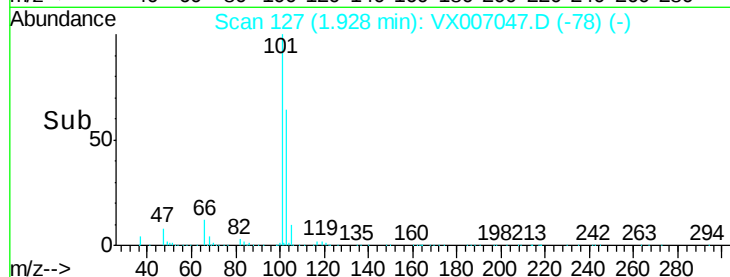
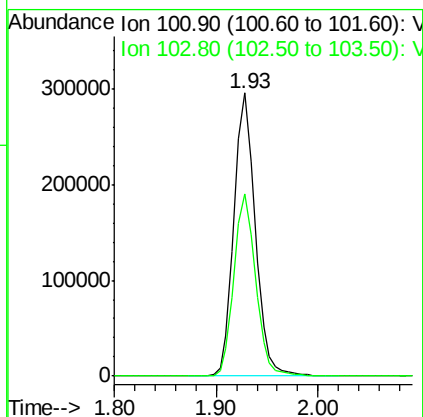
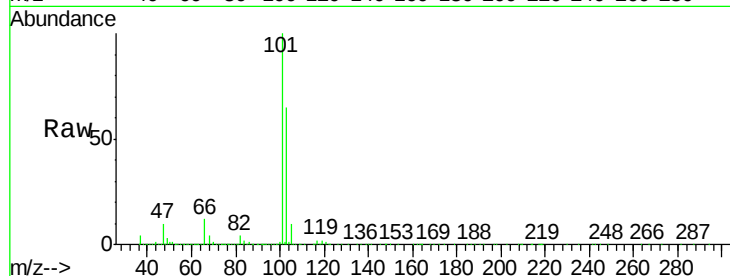
Trichlorofluoromethane
Concen: 49.149 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

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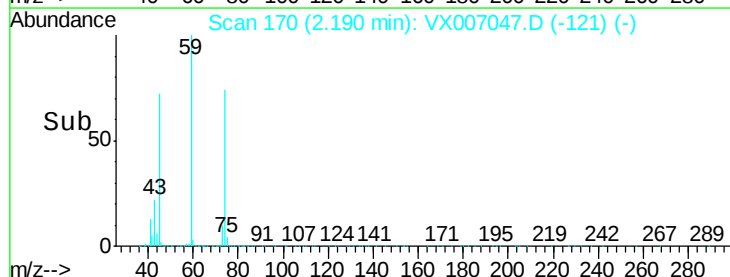
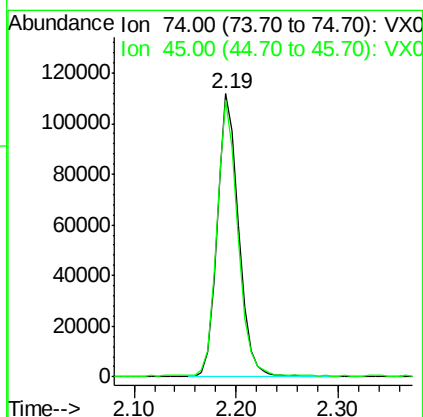
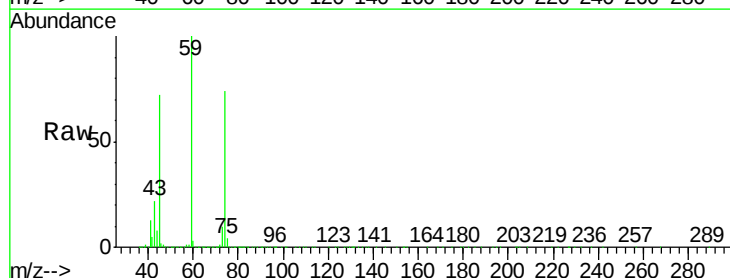
MMDadoda
1/15/2019 11:13:12 AM

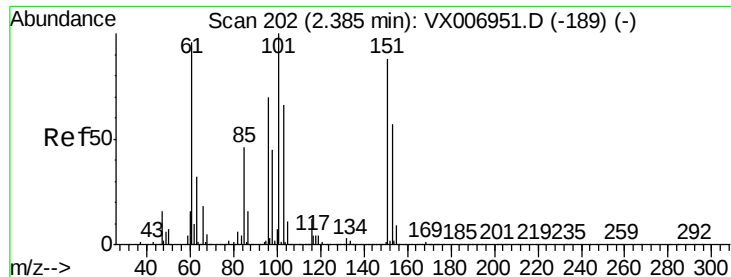


#8

Diethyl Ether
Concen: 47.721 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.323 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

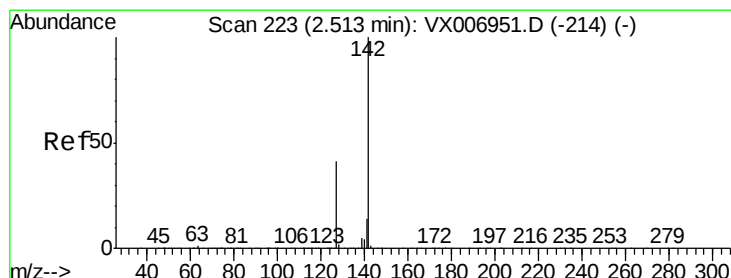
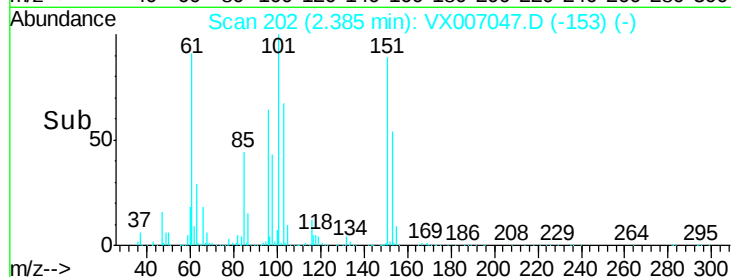
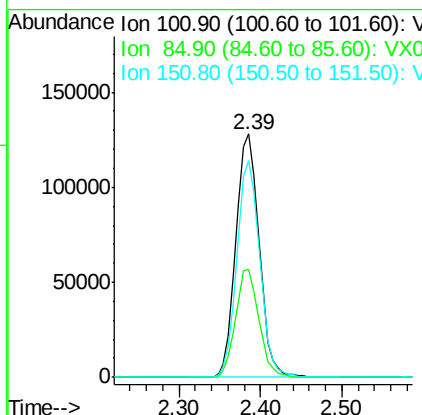
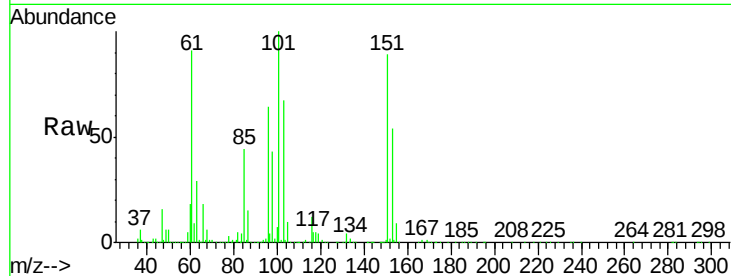
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	251348
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.1	52.7
151	87.7	68.9	103.3

Manual Integrations
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1/15/2019 11:13:12 AM



#10

Methyl Iodide

Concen: 55.643 ug/l

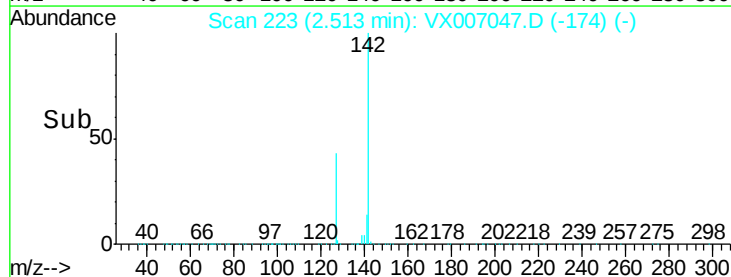
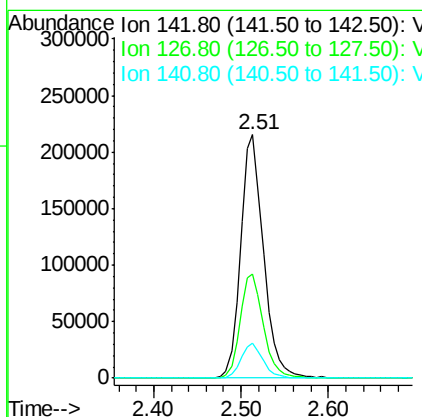
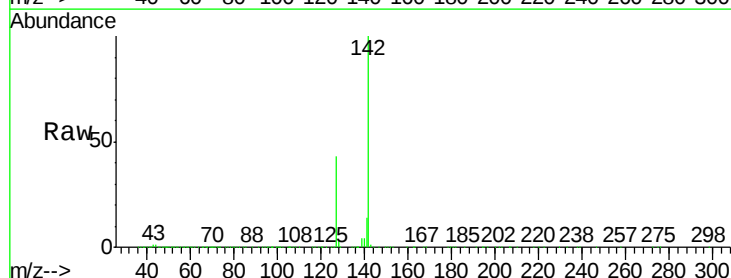
RT: 2.51 min Scan# 223

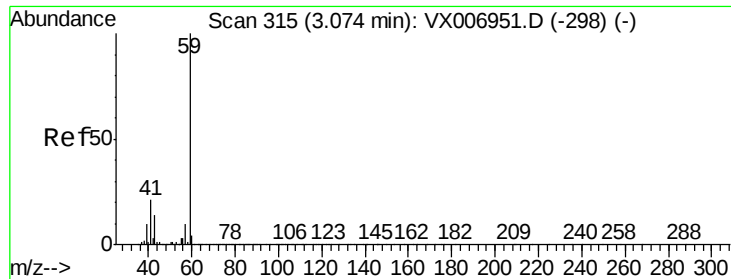
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	142	Resp:	390401
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.9	50.9
141	14.0	11.4	17.0





#11

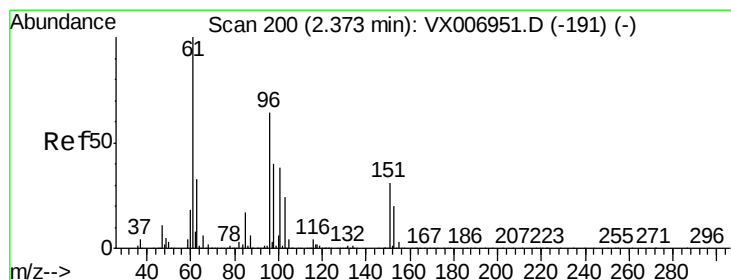
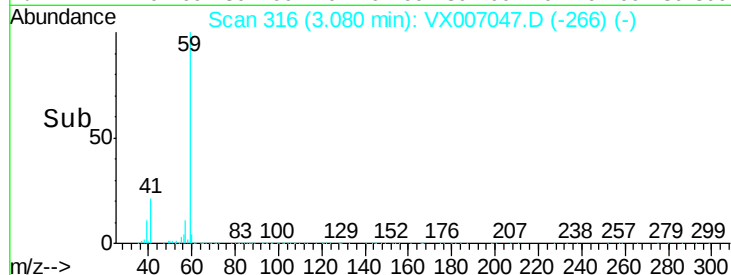
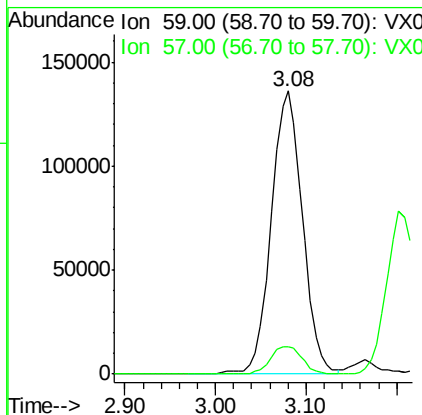
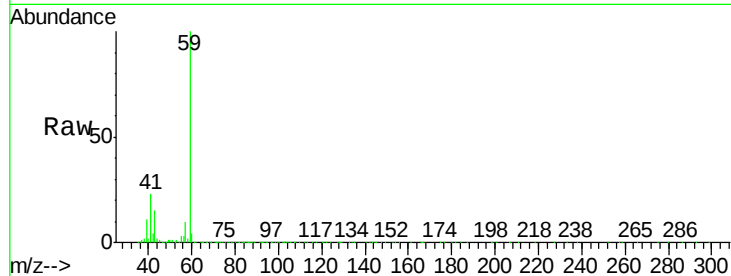
Tert butyl alcohol
Concen: 251.661 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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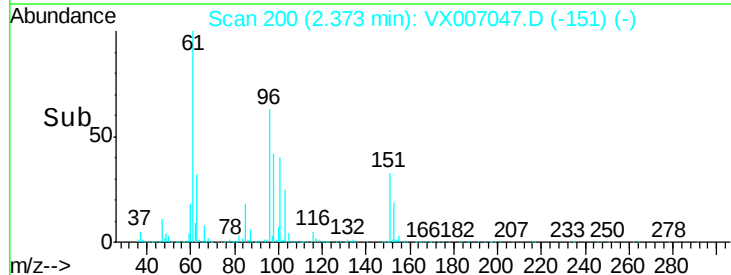
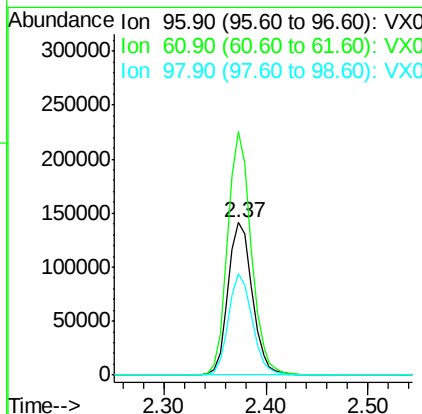
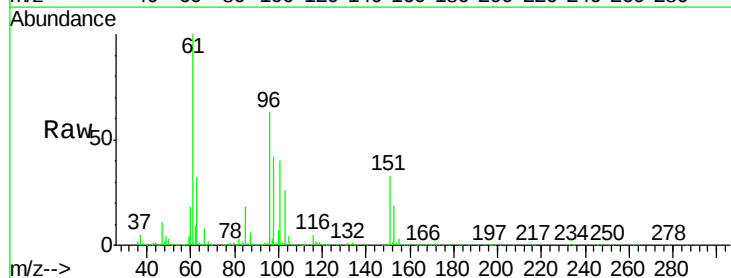
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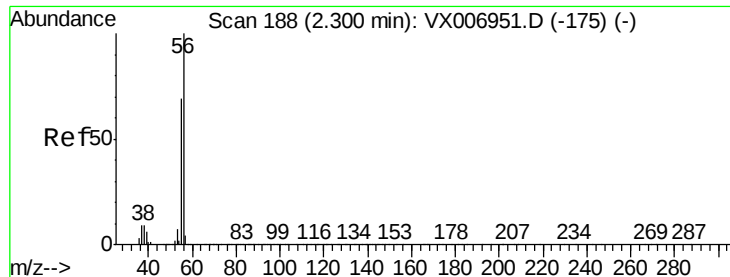


#12

1,1-Dichloroethene
Concen: 48.362 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	121.4	182.2
98	66.5	51.9	77.9





#13

Acrolein

Concen: 289.690 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 161325

Ion Ratio Lower Upper

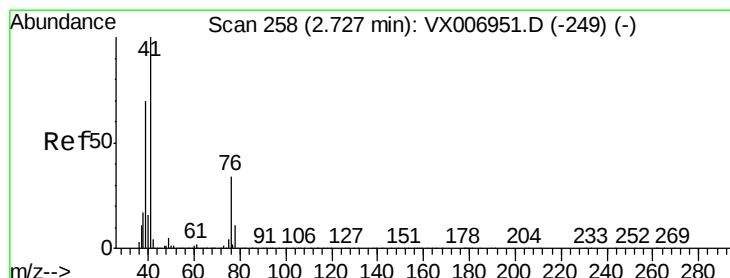
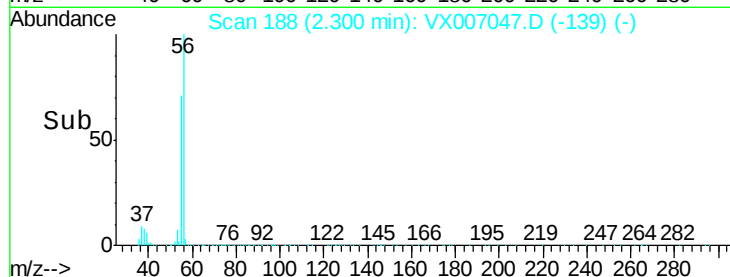
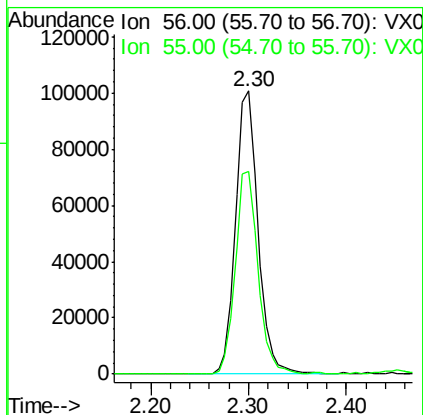
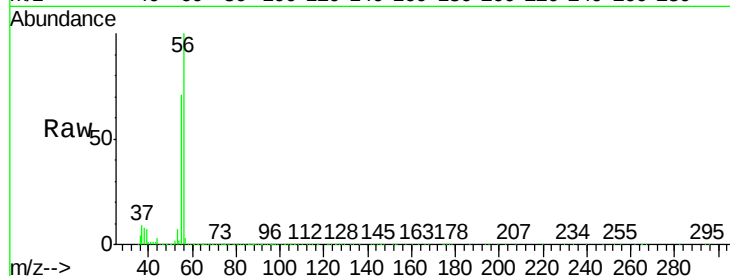
56 100

55 71.6 58.2 87.4

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1/15/2019 11:13:12 AM



#14

Allyl chloride

Concen: 49.639 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

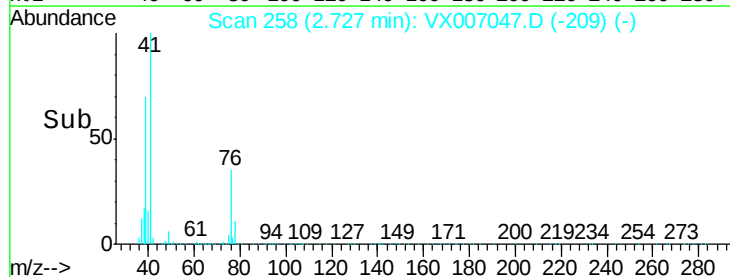
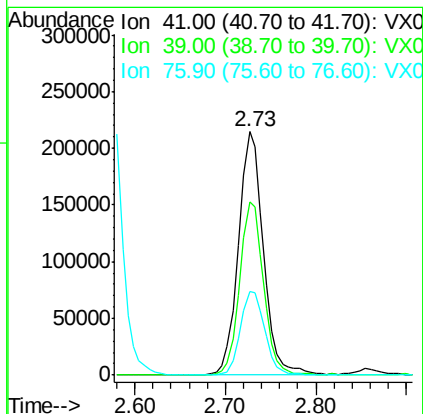
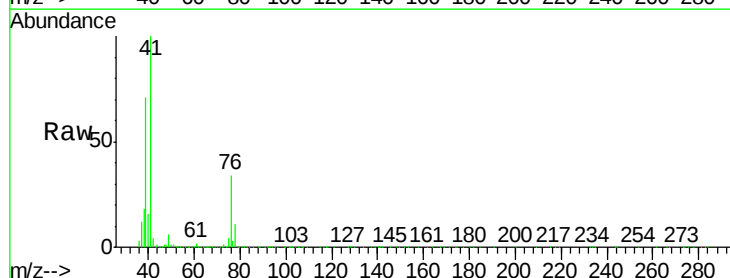
Tgt Ion: 41 Resp: 408819

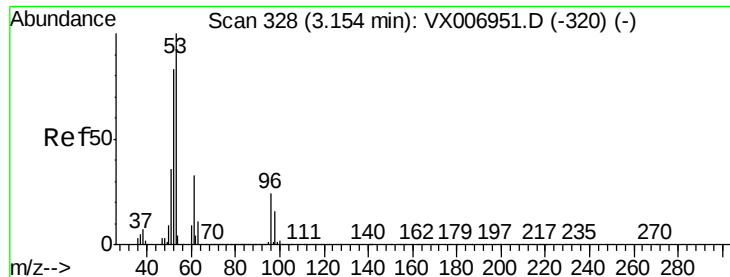
Ion Ratio Lower Upper

41 100

39 67.5 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 254.261 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

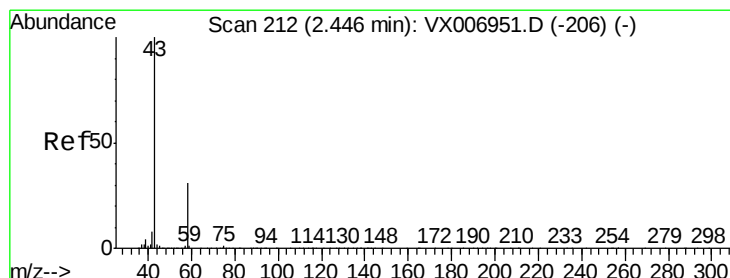
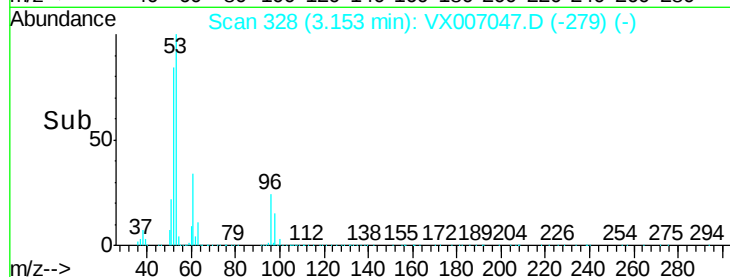
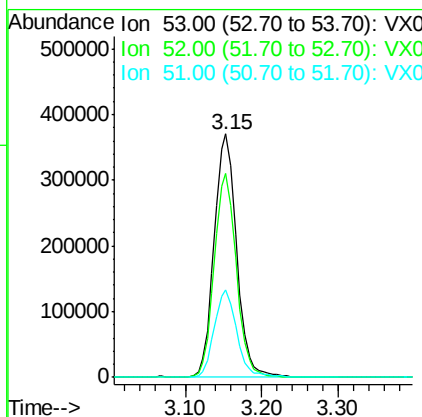
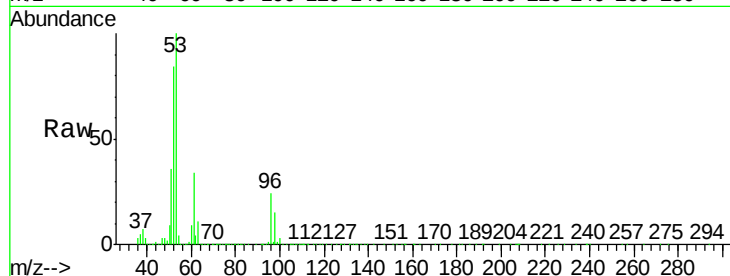
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	752395
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.0	99.0
51	35.9	28.6	42.8

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1/15/2019 11:13:12 AM



#16

Acetone

Concen: 242.503 ug/l

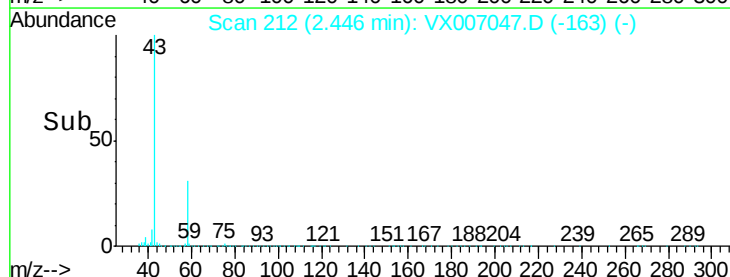
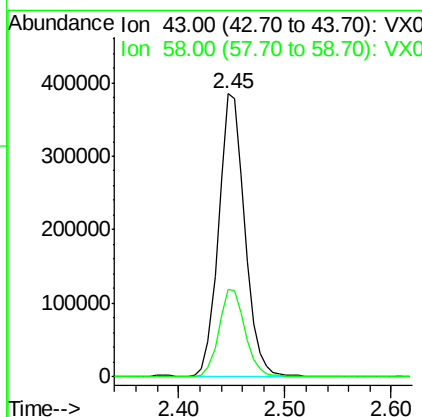
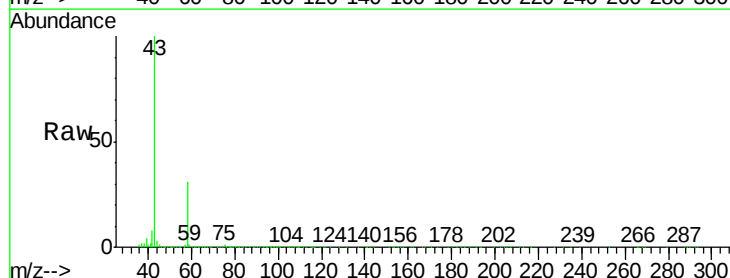
RT: 2.45 min Scan# 212

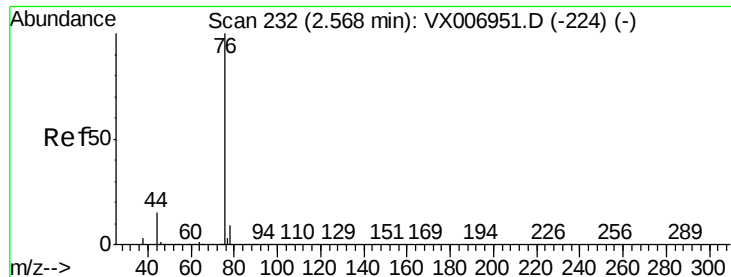
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	43	Resp:	655111
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.0	37.6





#17

Carbon Disulfide

Concen: 45.593 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 564101

Ion Ratio Lower Upper

76 100

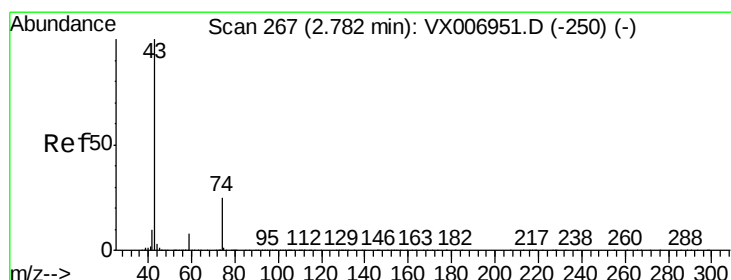
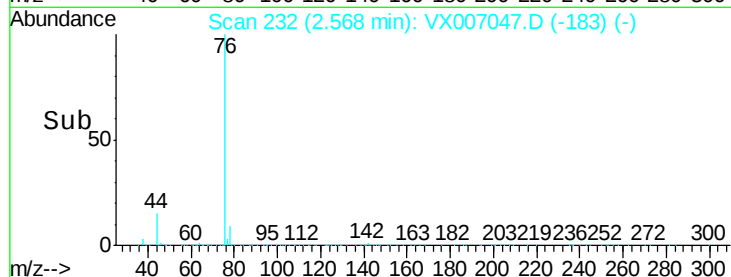
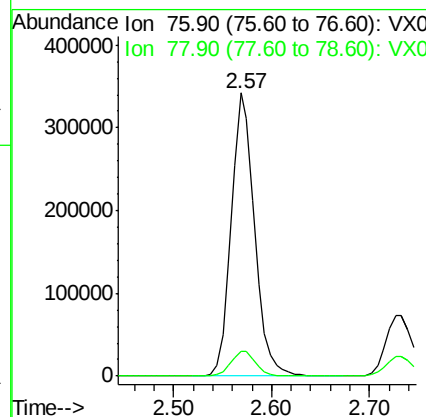
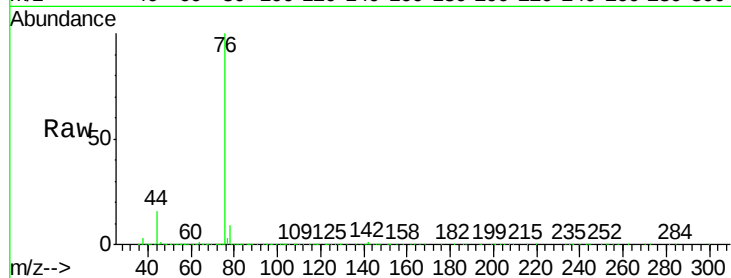
78 8.8 7.0 10.6

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1/15/2019 11:13:12 AM



#18

Methyl Acetate

Concen: 53.644 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007047.D

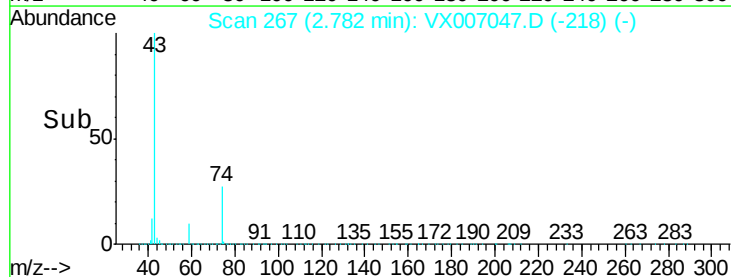
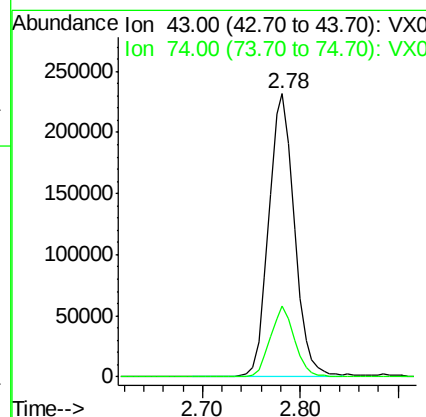
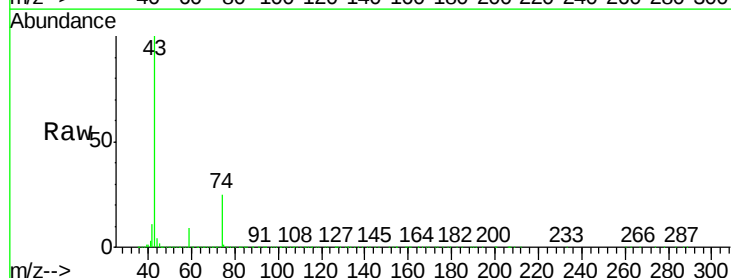
Acq: 14 Jan 2019 18:42

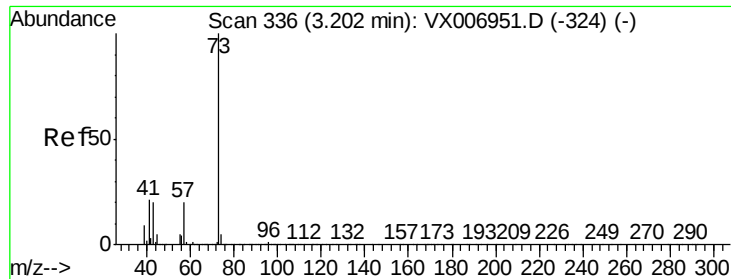
Tgt Ion: 43 Resp: 419674

Ion Ratio Lower Upper

43 100

74 23.6 18.6 28.0





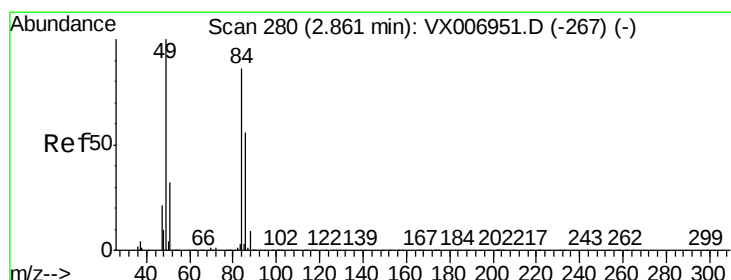
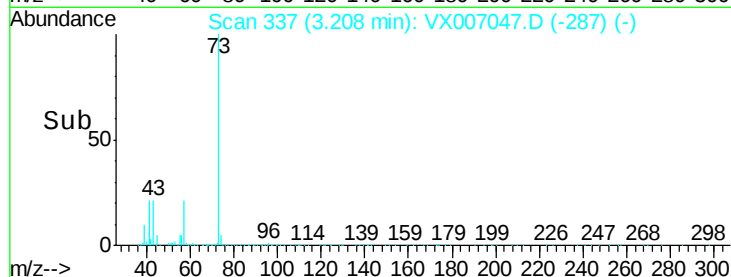
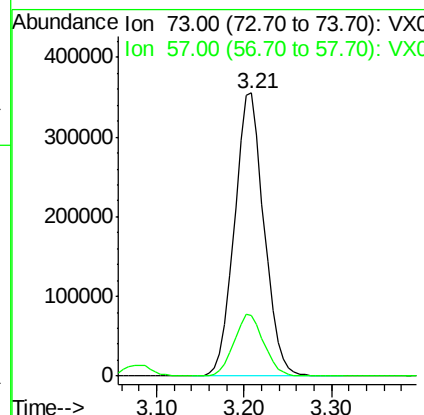
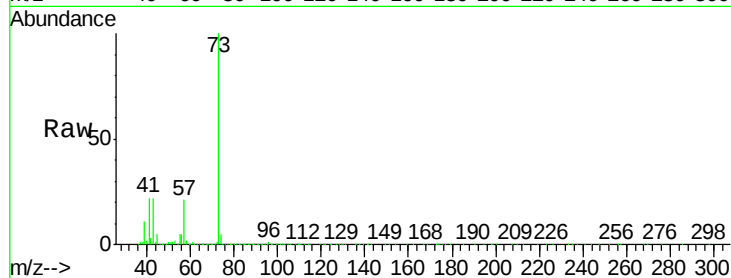
#19
Methvl tert-butvl Ether
Concen: 49.926 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.8	25.2

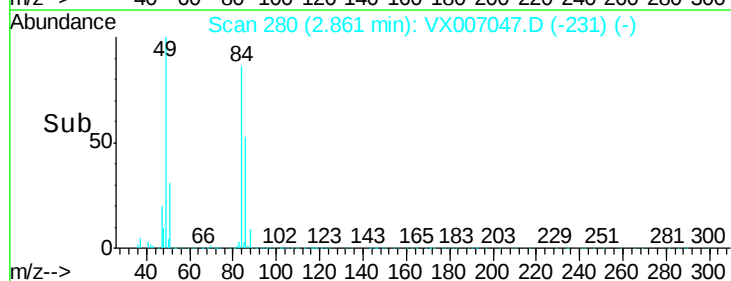
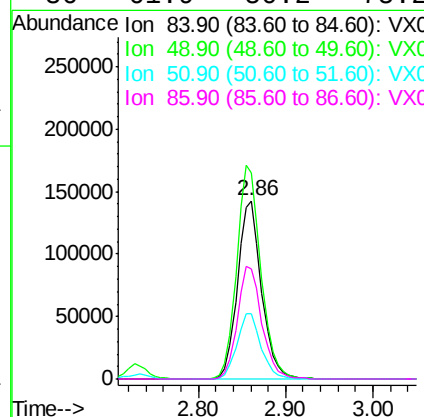
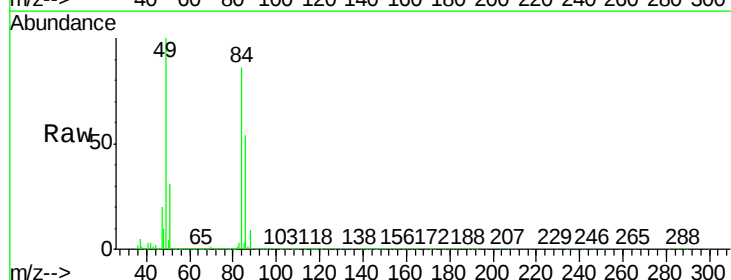
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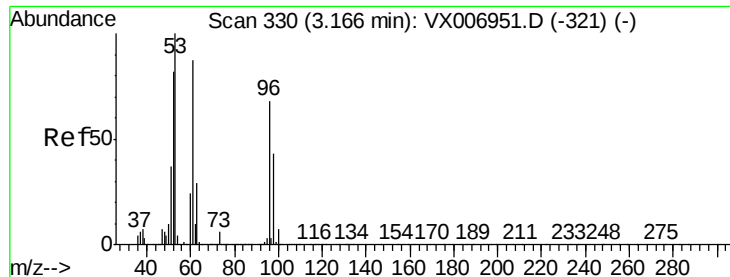
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#20
Methylene Chloride
Concen: 53.179 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	91.8	137.6
51	36.3	28.5	42.7
86	61.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.719 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

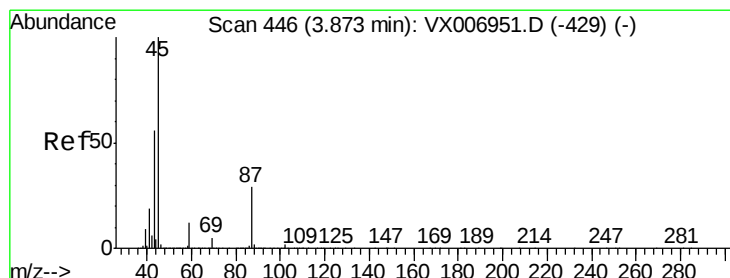
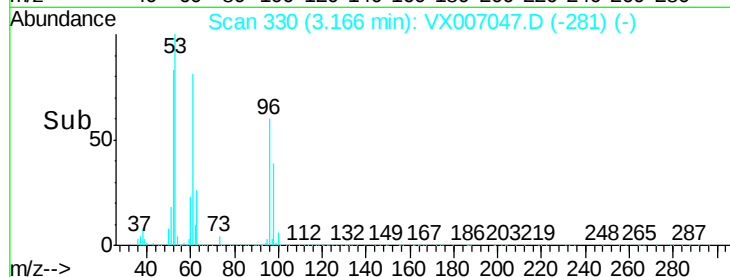
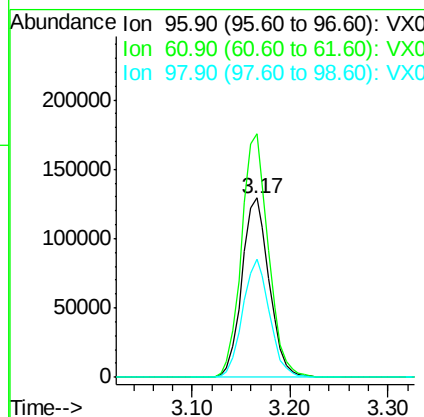
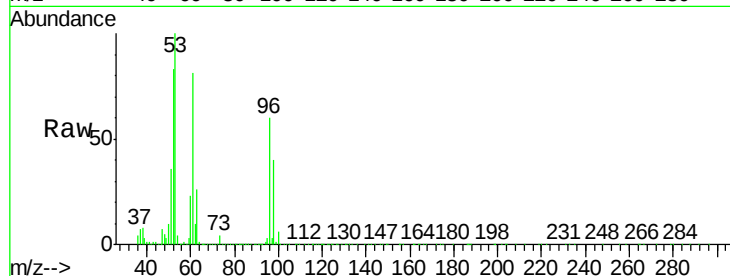
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	250195
Ion Ratio	Lower	Upper	
96	100		
61	135.6	103.7	155.5
98	66.2	51.0	76.6

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1/15/2019 11:13:12 AM



#22

Diisopropyl ether

Concen: 49.545 ug/l

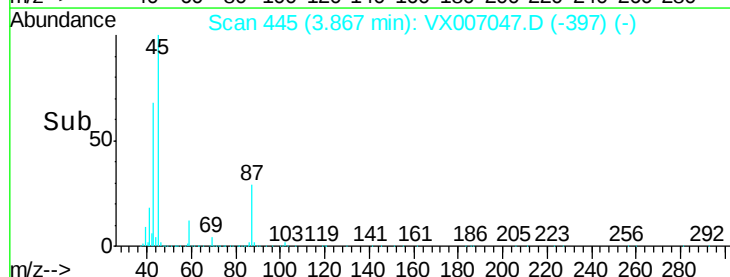
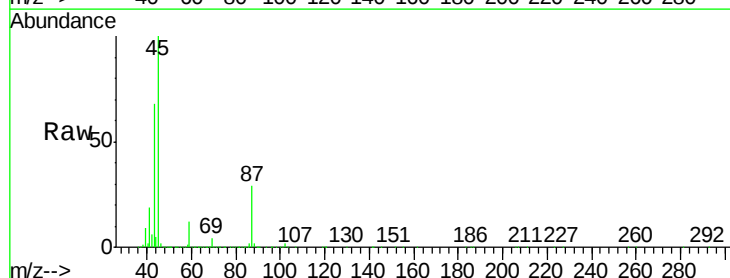
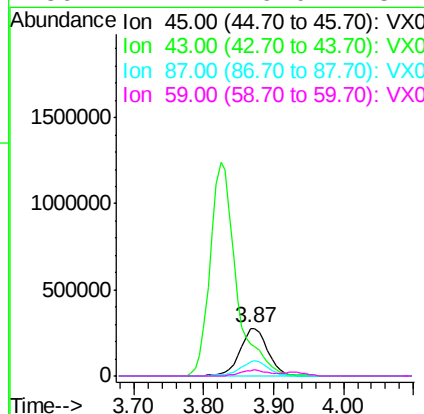
RT: 3.87 min Scan# 445

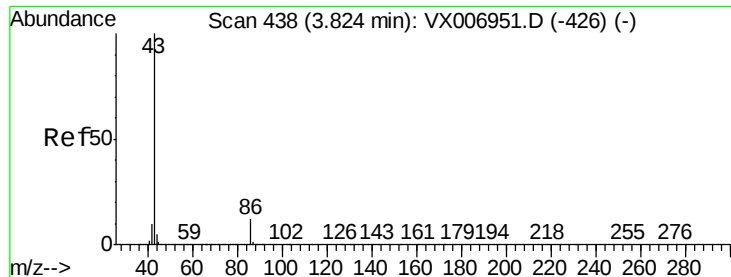
Delta R.T. -0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	45	Resp:	767122
Ion Ratio	Lower	Upper	
45	100		
43	67.9	51.2	76.8
87	29.3	25.8	38.6
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 247.145 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3227084

Ion Ratio Lower Upper

43 100

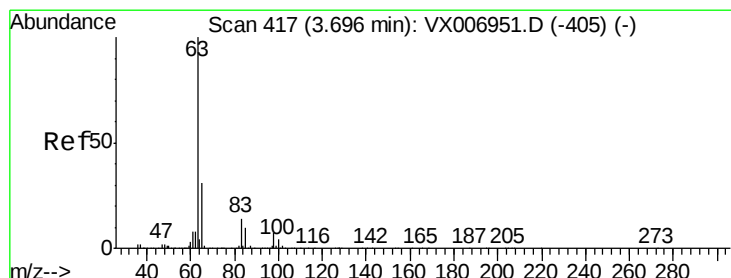
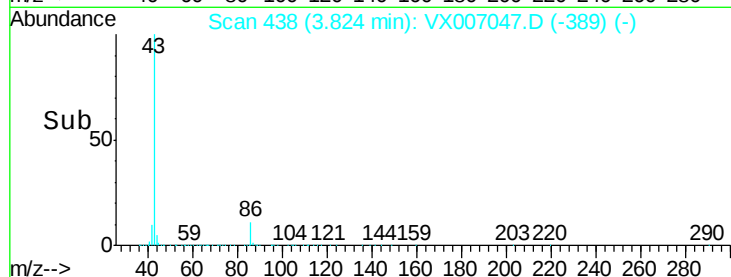
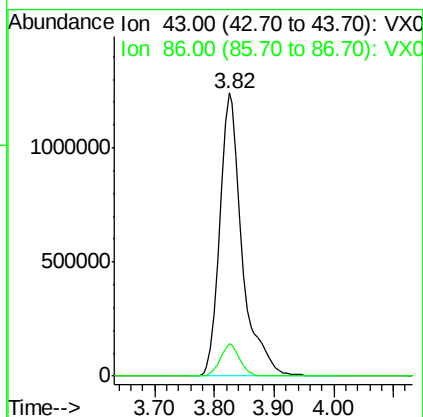
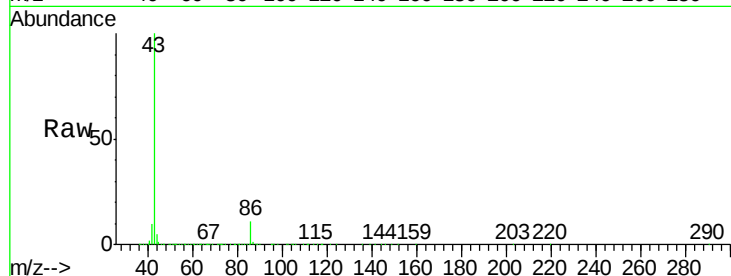
86 11.4 9.2 13.8

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1/15/2019 11:13:12 AM



#24

1,1-Dichloroethane

Concen: 48.815 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

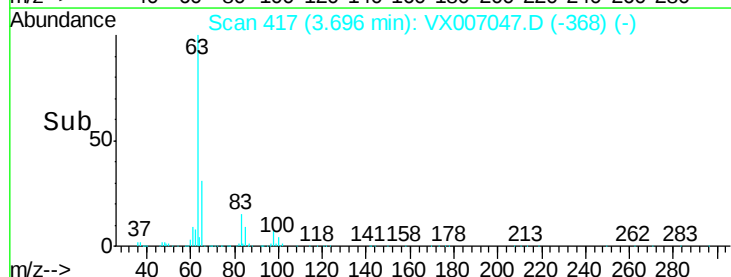
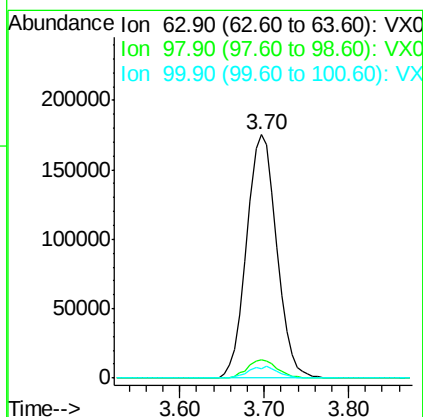
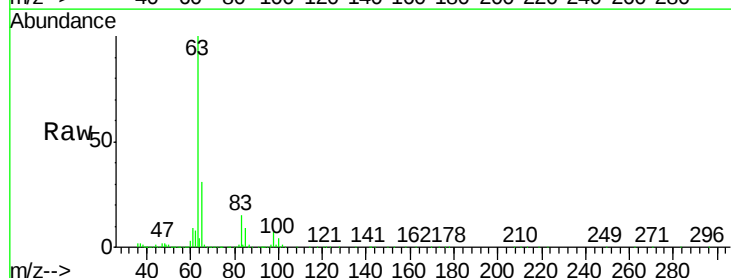
Tgt Ion: 63 Resp: 422627

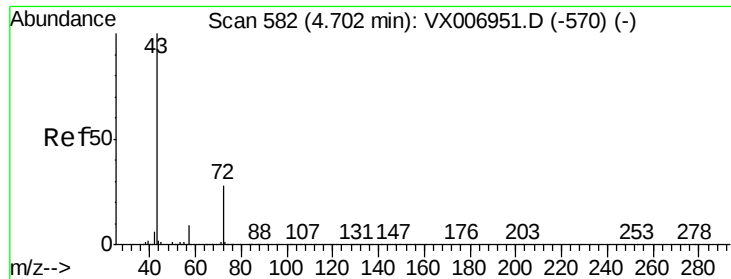
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 251.364 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 971619

Ion Ratio Lower Upper

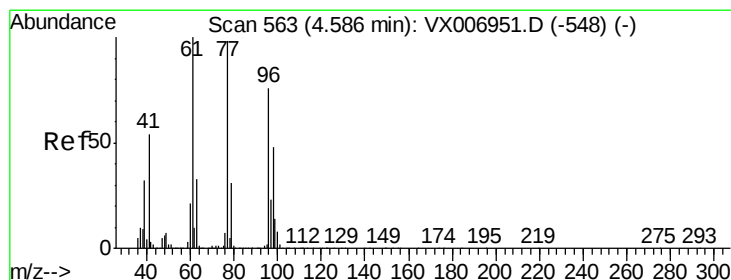
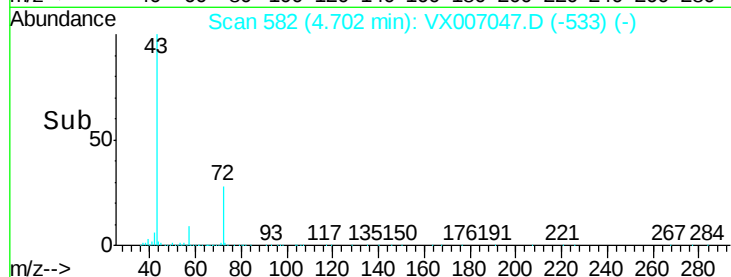
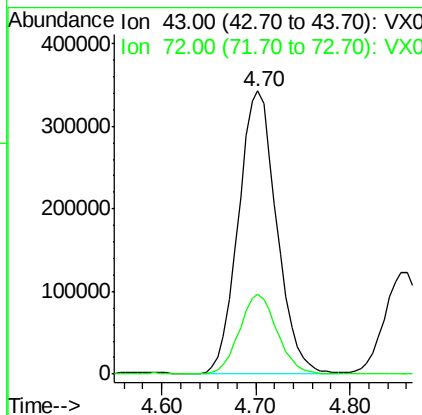
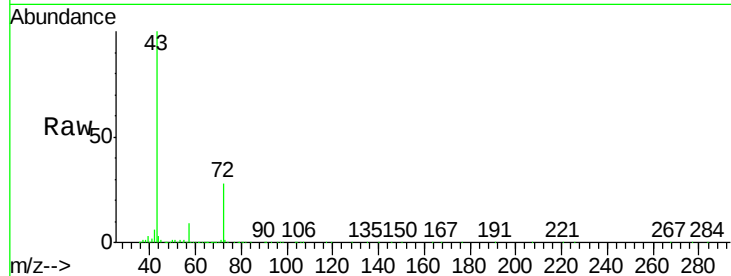
43 100

72 28.3 22.4 33.6

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1/15/2019 11:13:12 AM



#26

2,2-Dichloropropane

Concen: 47.235 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007047.D

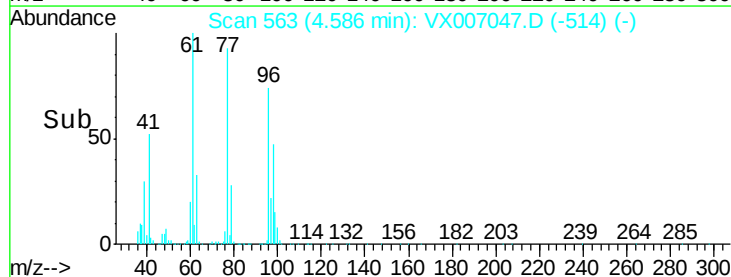
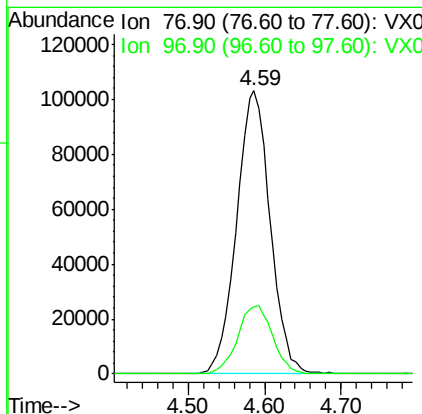
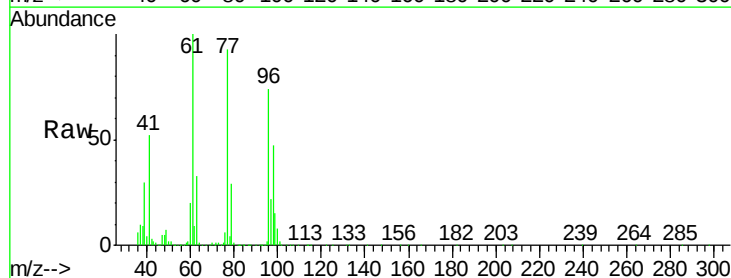
Acq: 14 Jan 2019 18:42

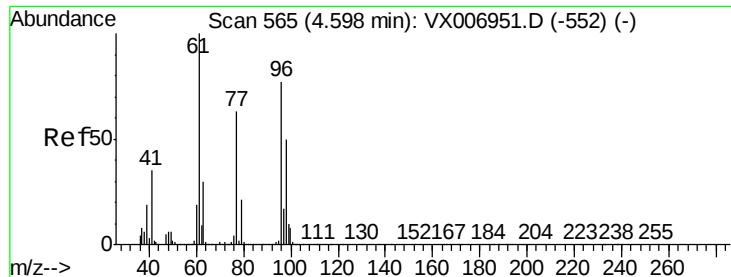
Tgt Ion: 77 Resp: 314467

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

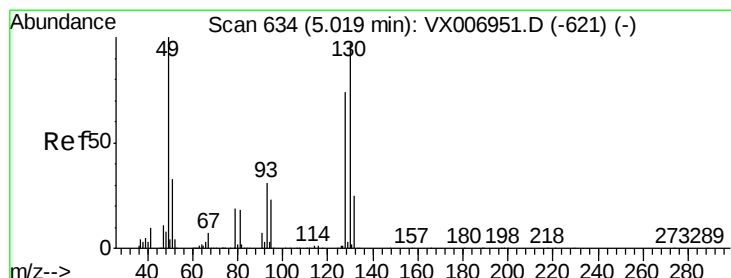
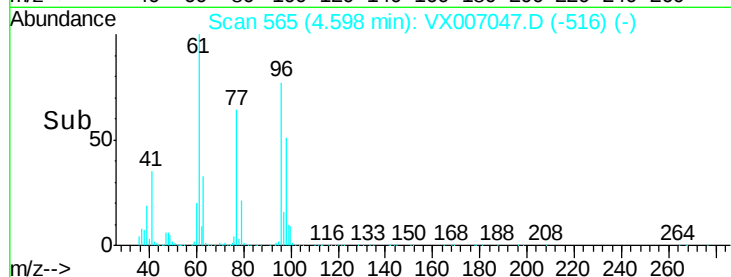
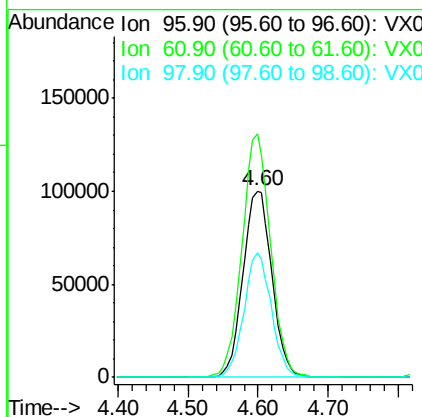
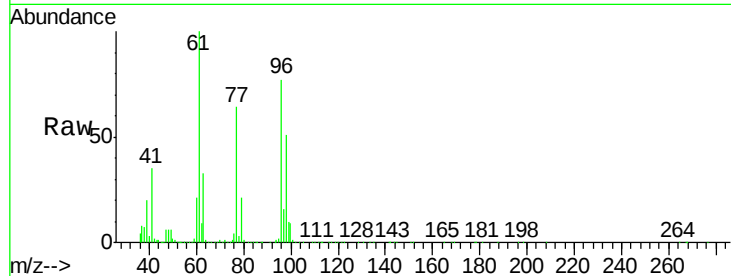
cis-1,2-Dichloroethene
Concen: 48.564 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	258.6
98	63.5	0.0	132.0

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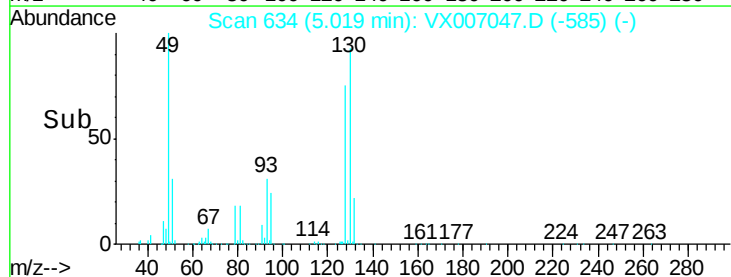
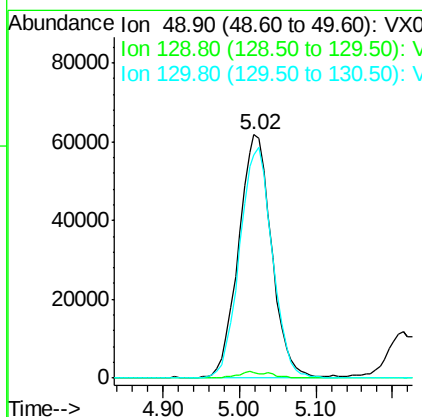
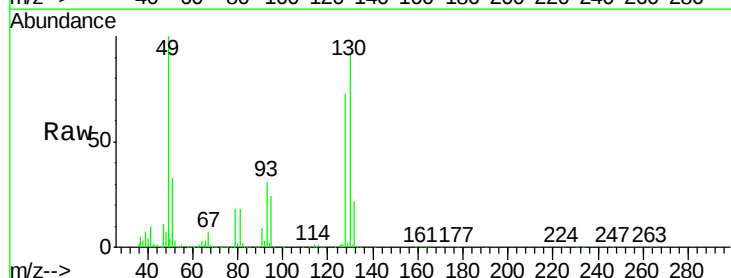
MMDadoda
1/15/2019 11:13:12 AM



#28

Bromochloromethane
Concen: 48.975 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.5	77.7	116.5





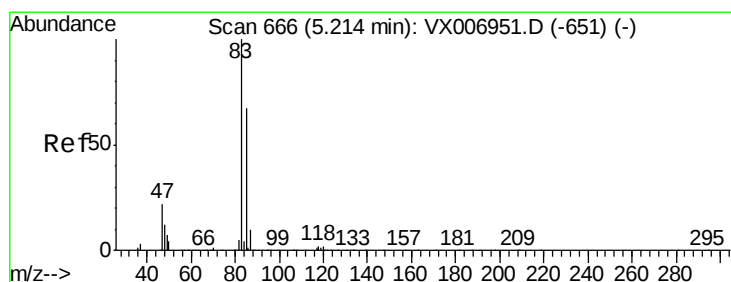
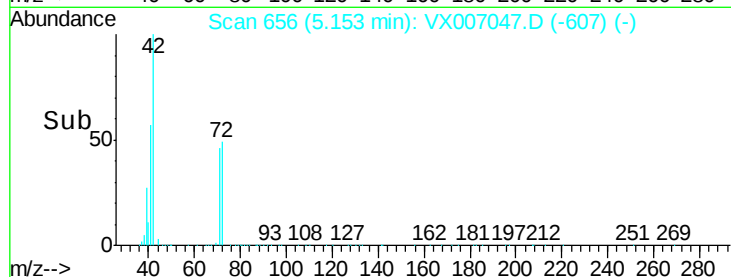
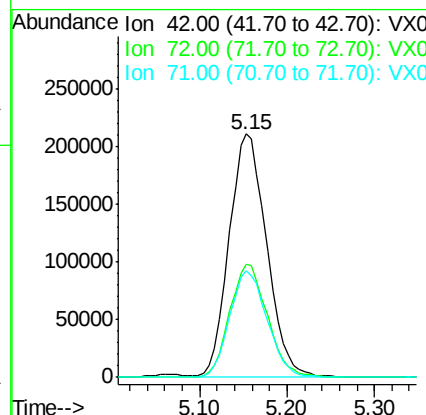
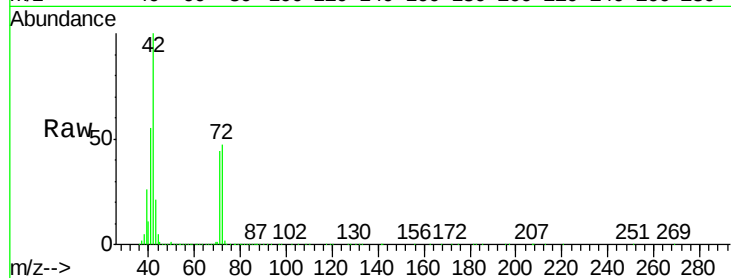
#29
Tetrahydrofuran
Concen: 249.434 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	43.9	36.2	54.4

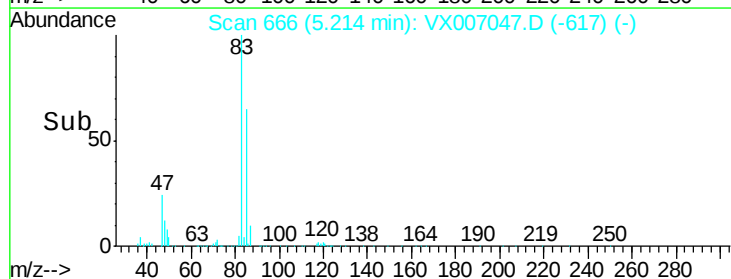
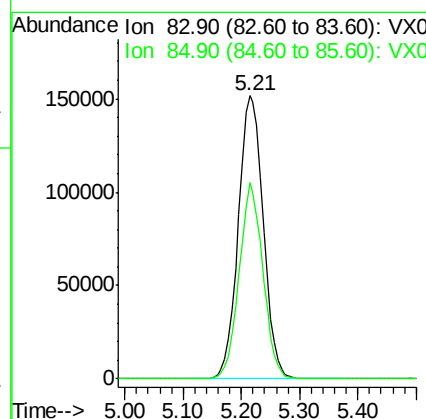
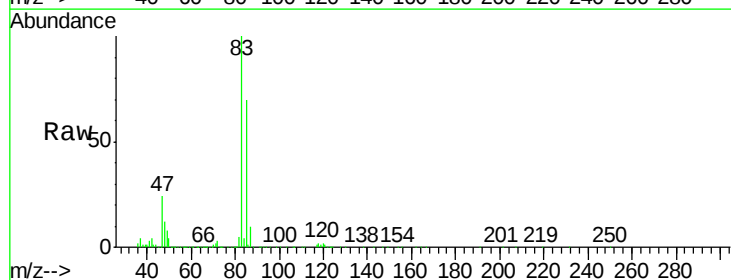
Manual Integrations
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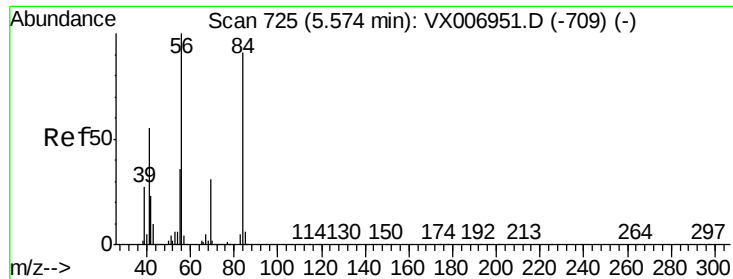
MMDadoda
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#30
Chloroform
Concen: 49.780 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.2	76.8





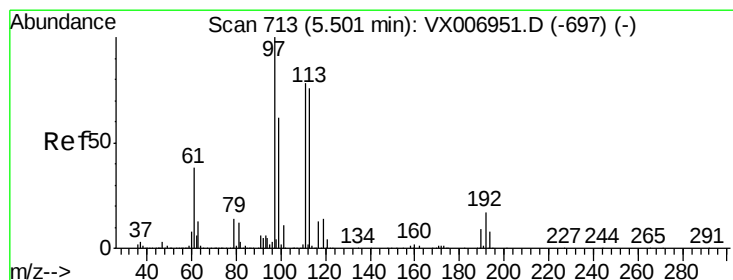
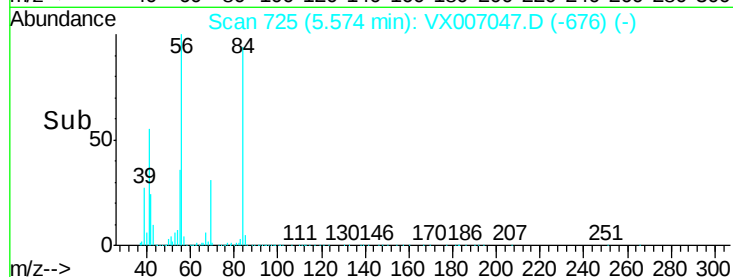
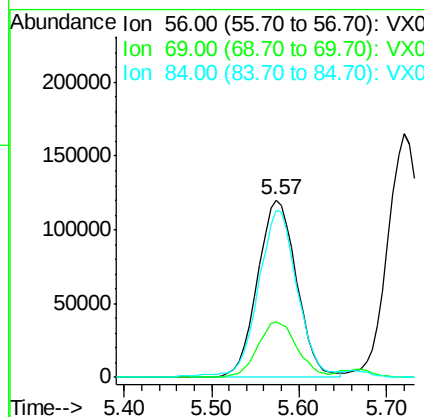
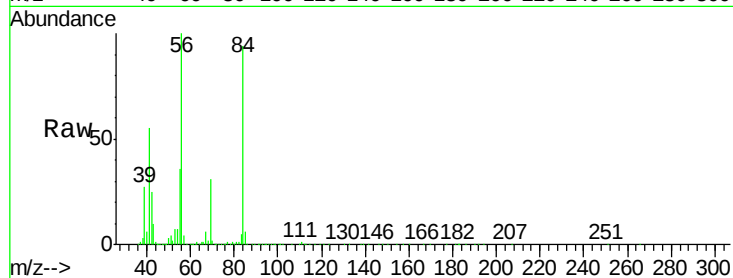
#31
Cyclohexane
Concen: 48.576 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	93.0	70.0	105.0

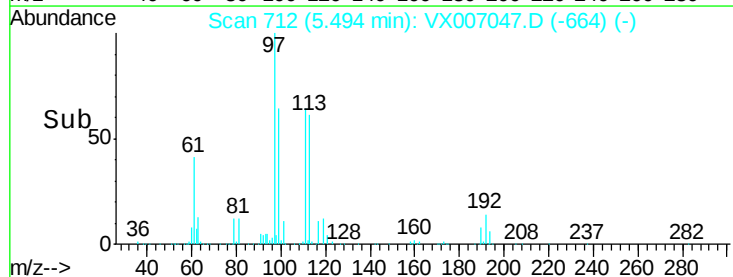
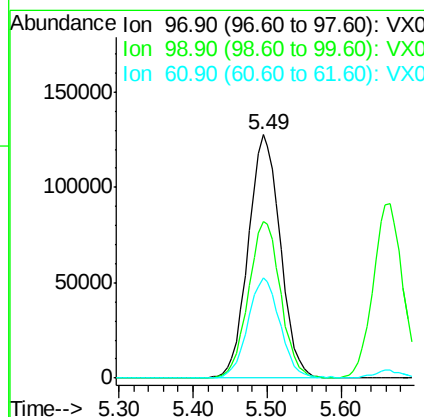
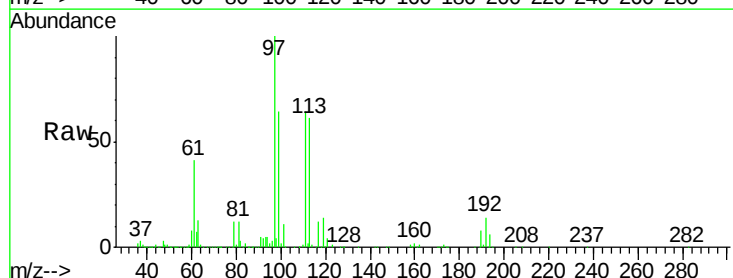
Manual Integrations
APPROVED

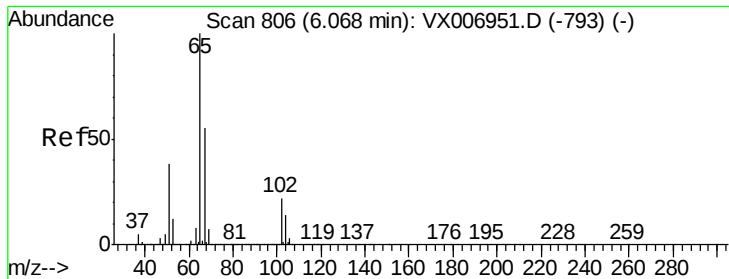
MMDadoda
1/15/2019 11:13:12 AM



#32
1,1,1-Trichloroethane
Concen: 50.088 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	41.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.213 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 274386

Ion Ratio Lower Upper

65 100

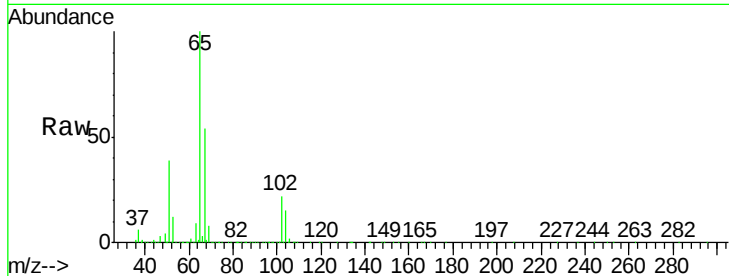
67 52.7 0.0 105.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

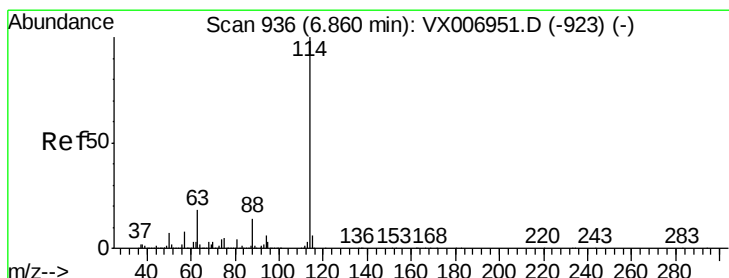
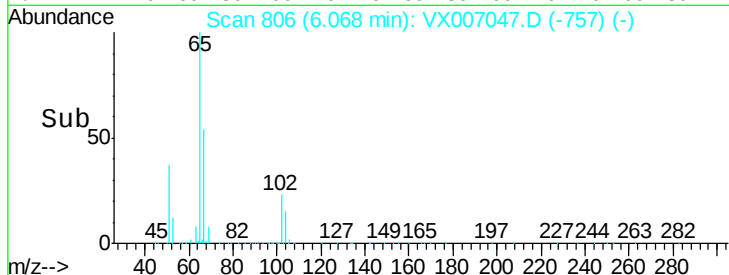
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

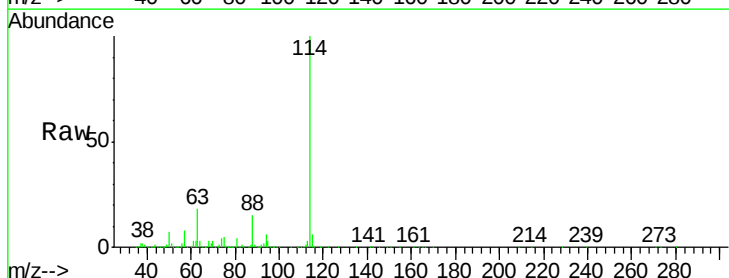
Tgt Ion: 114 Resp: 770767

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 15.3 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

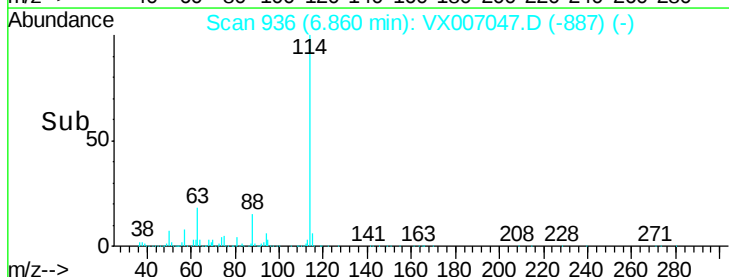
300000

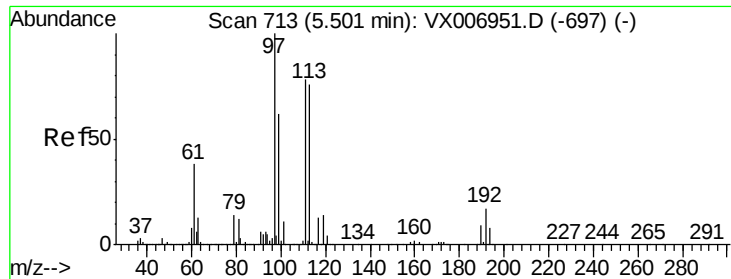
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.429 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

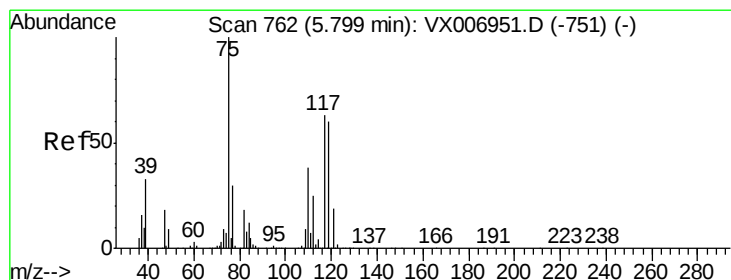
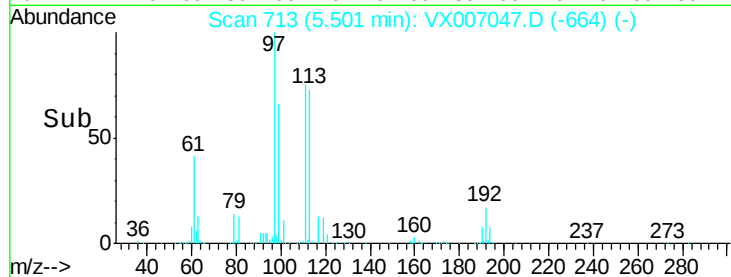
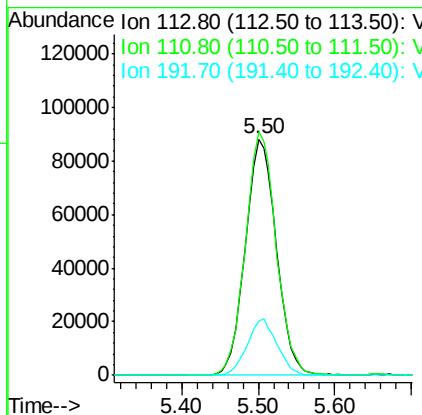
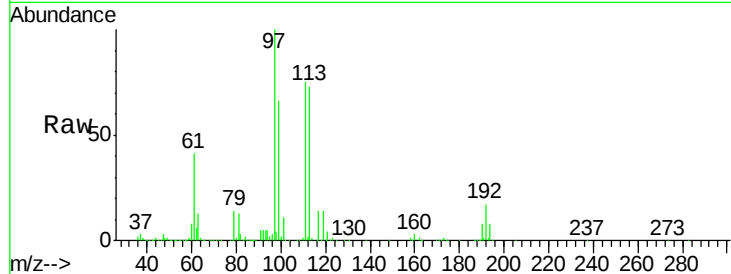
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	248915
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.6	122.4
192	23.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.083 ug/l

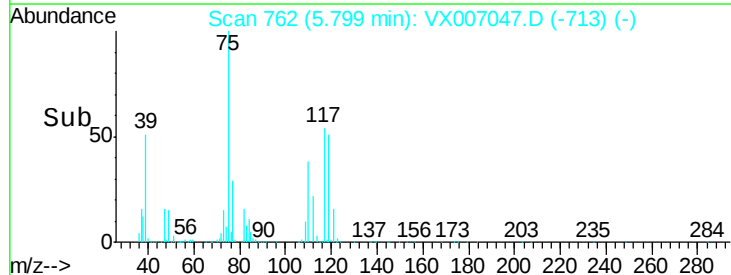
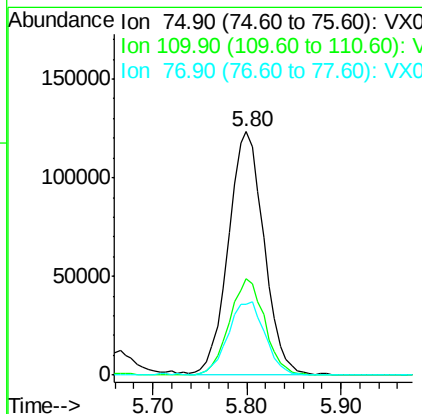
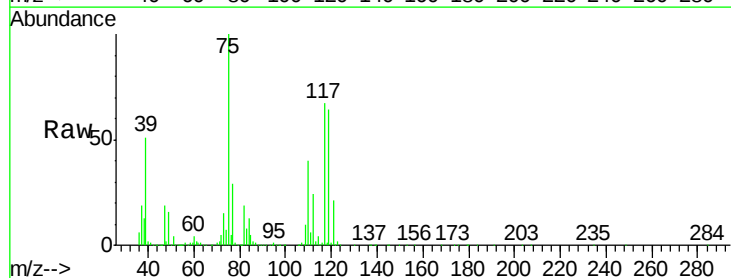
RT: 5.80 min Scan# 762

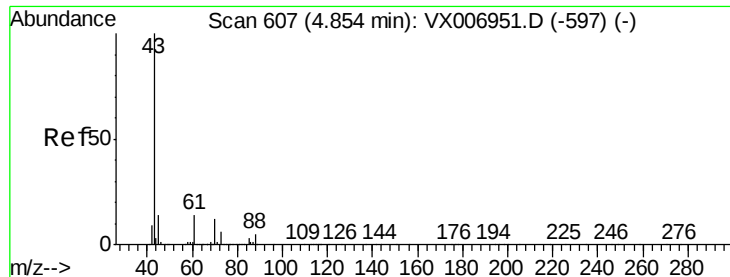
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	75	Resp:	322211
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.2	60.5
77	31.4	24.8	37.2





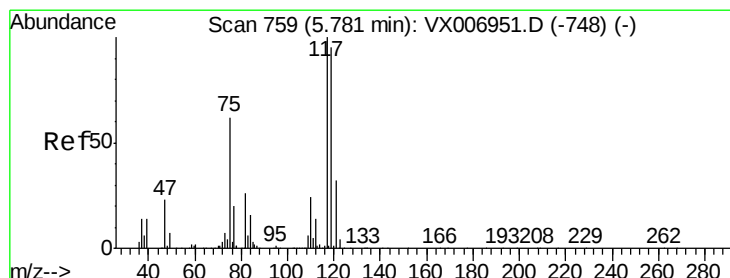
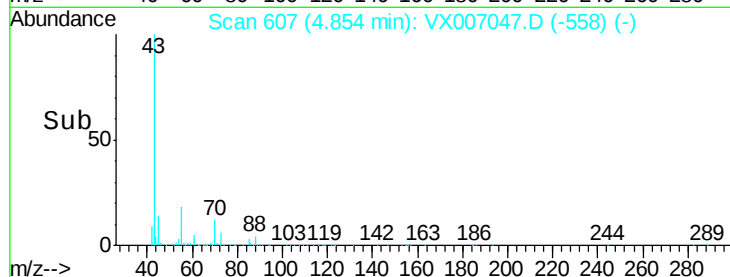
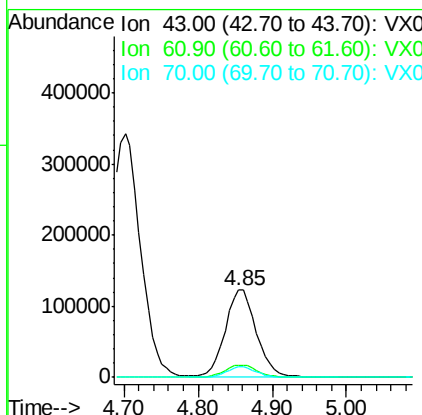
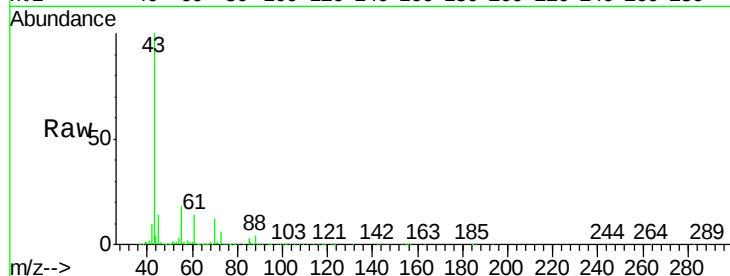
#37
Ethyl Acetate
Concen: 50.001 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	359219
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.6	9.7	14.5

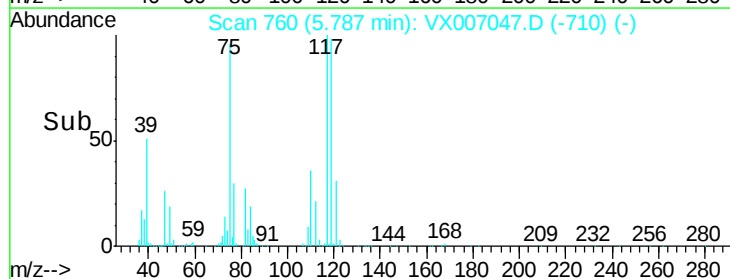
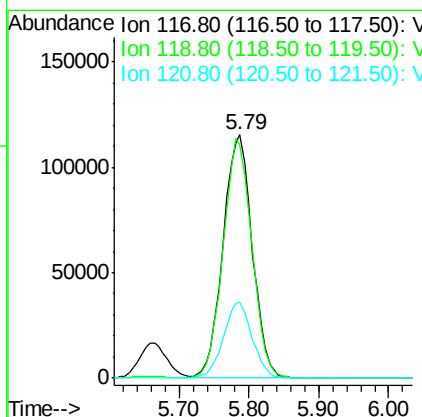
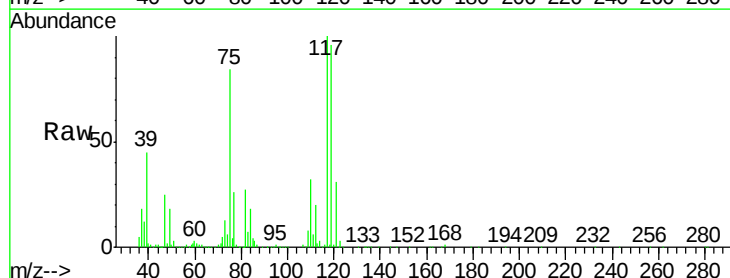
Manual Integrations
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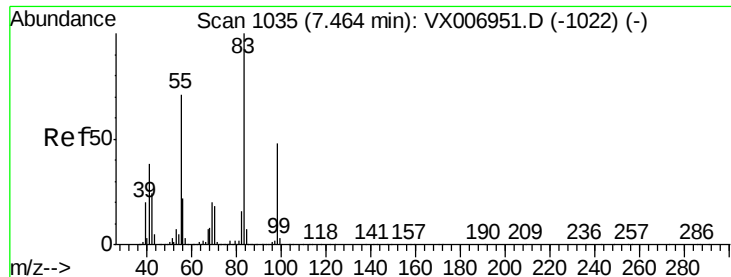
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#38
Carbon Tetrachloride
Concen: 49.581 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion:	117	Resp:	334286
Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.4	119.2
121	30.9	24.0	36.0





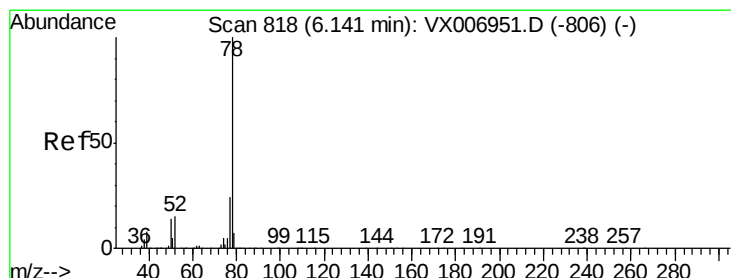
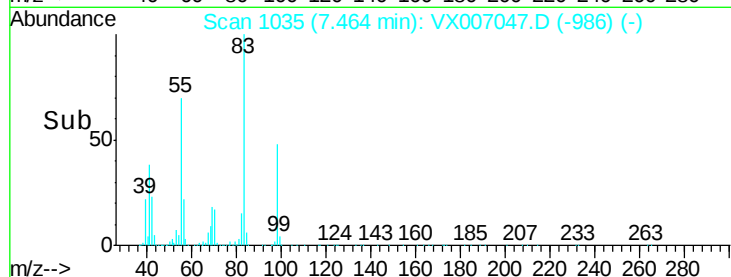
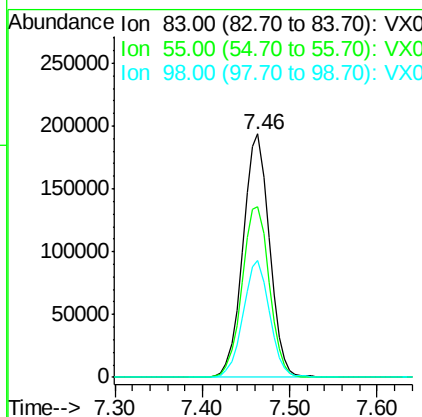
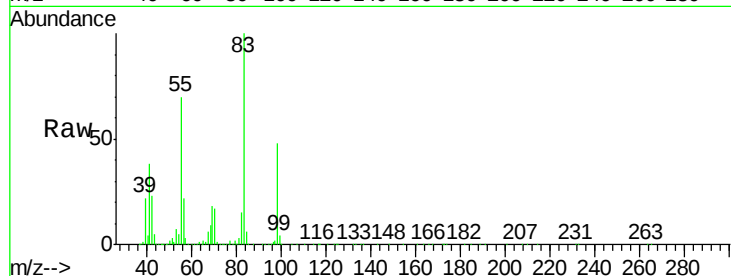
#39
Methvlcvclohexane
Concen: 47.767 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	54.9	82.3
98	48.0	37.9	56.9

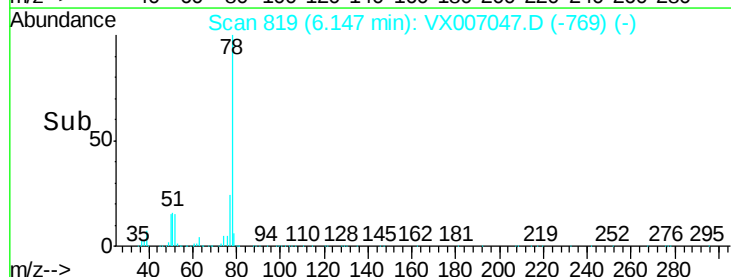
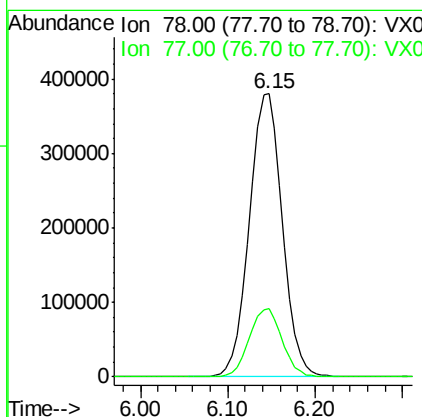
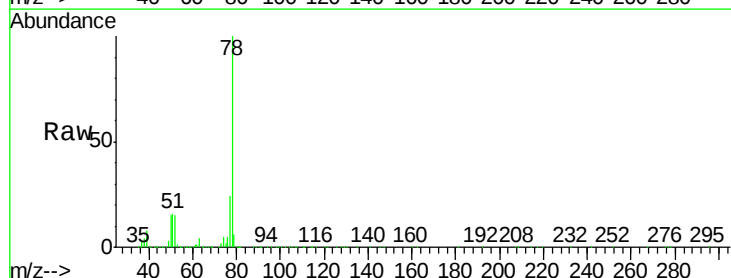
Manual Integrations
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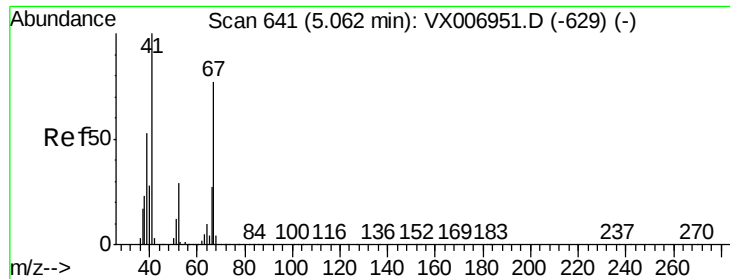
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#40
Benzene
Concen: 48.860 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





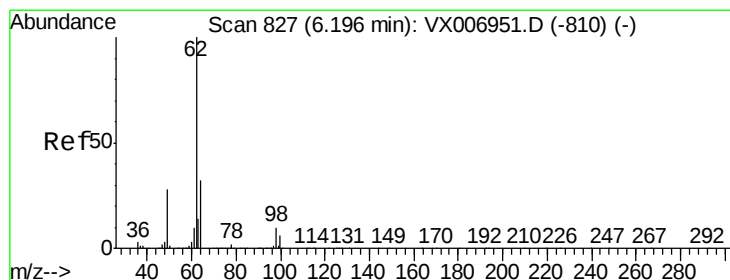
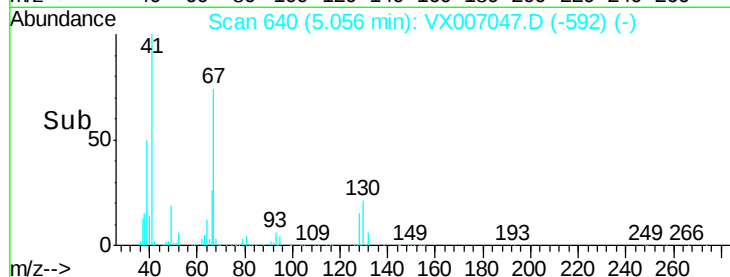
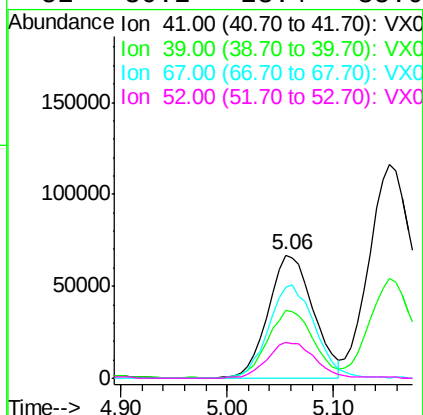
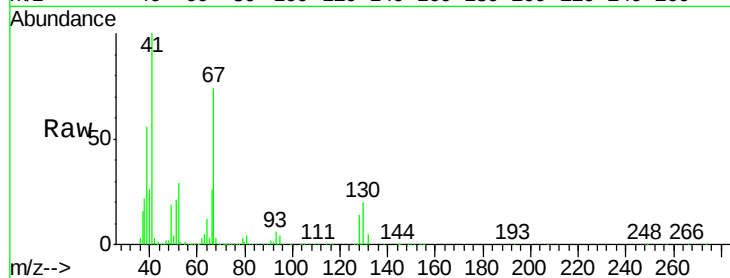
#41
Methacrylonitrile
Concen: 47.479 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	42.8	64.2	
67	77.4	62.1	93.1	
52	30.2	23.4	35.0	

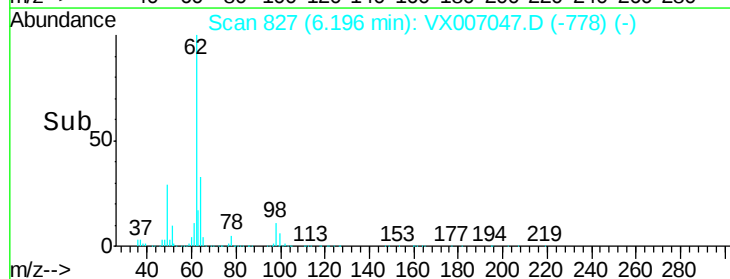
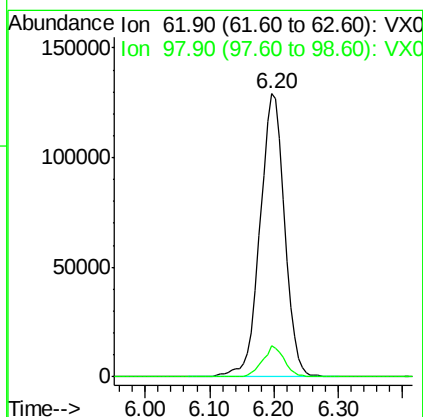
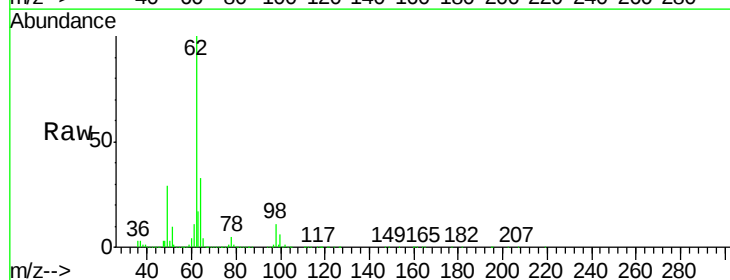
Manual Integrations
APPROVED

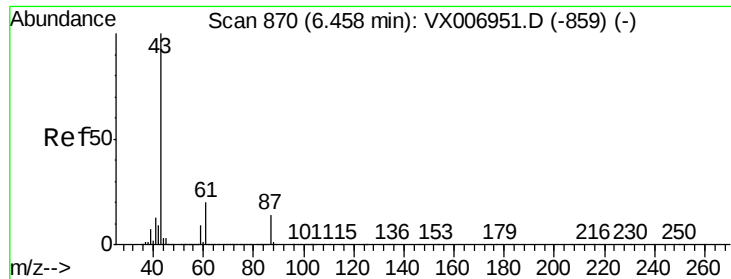
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#42
1,2-Dichloroethane
Concen: 48.205 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	





#43

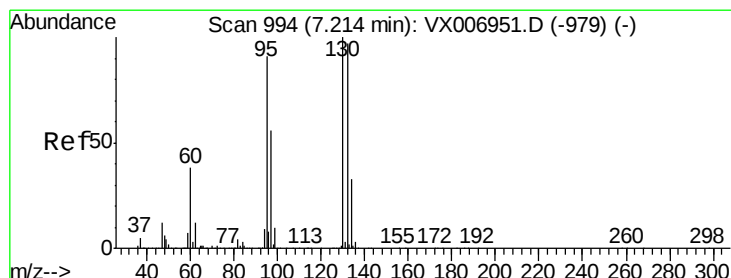
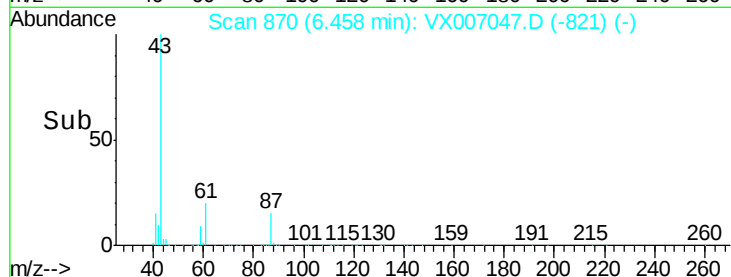
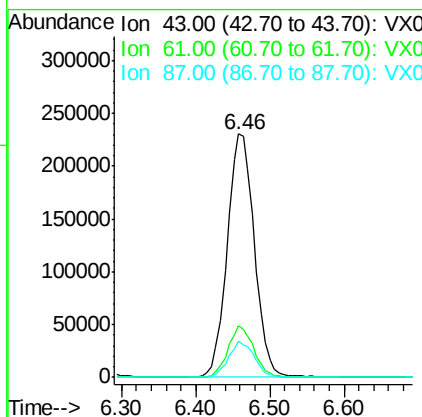
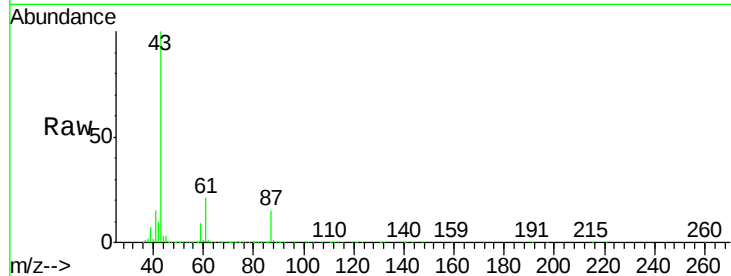
Isopropyl Acetate
 Concen: 51.602 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
 APPROVED

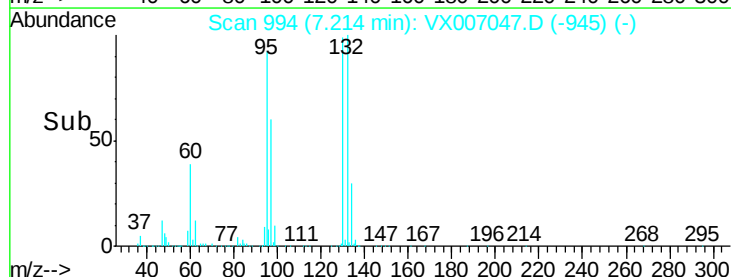
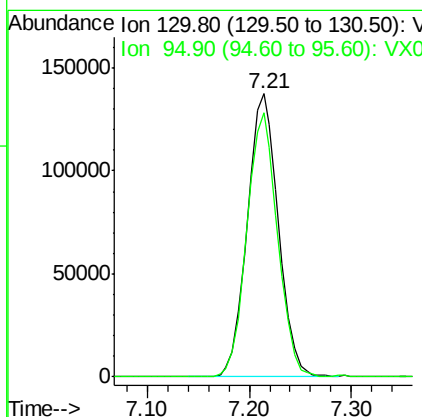
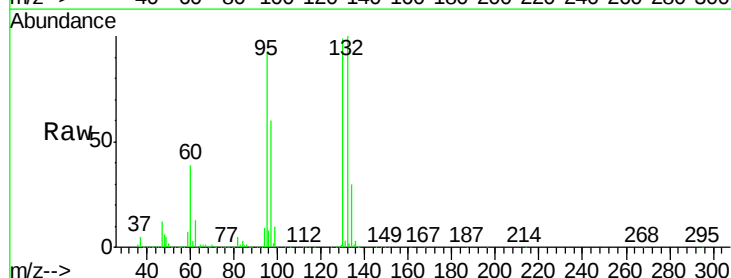
MMDadoda
 1/15/2019 11:13:12 AM

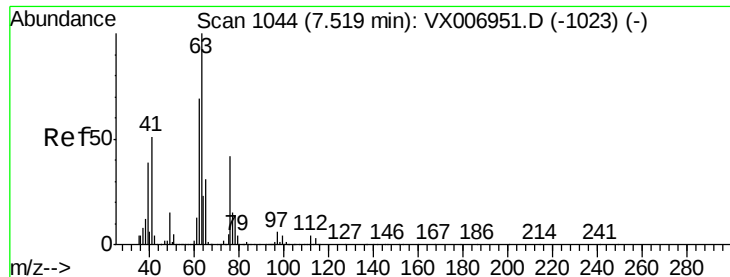


#44

Trichloroethene
 Concen: 47.595 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.031 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tot Ion: 63 Resp: 252048

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

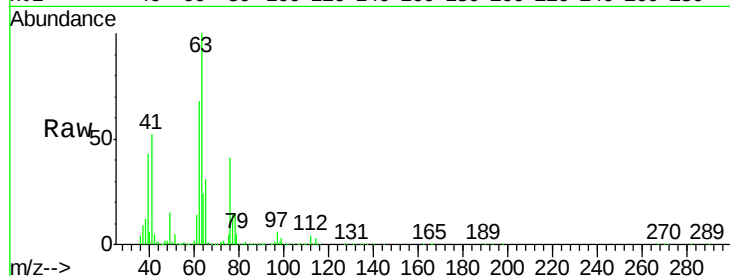
VSTDCCC050EC

Manual Integrations

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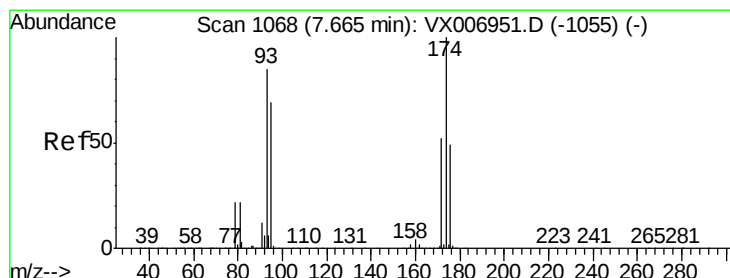
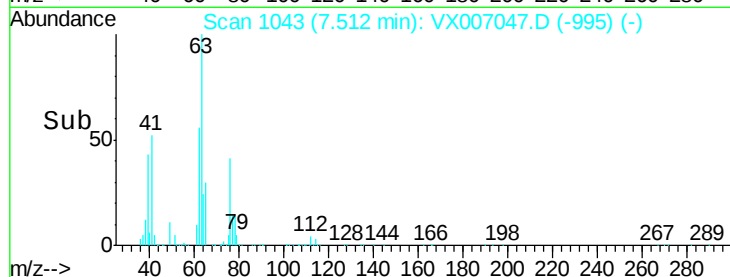
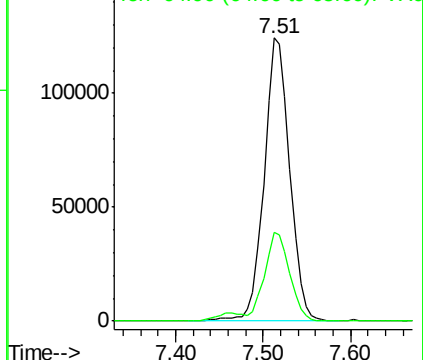
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.556 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

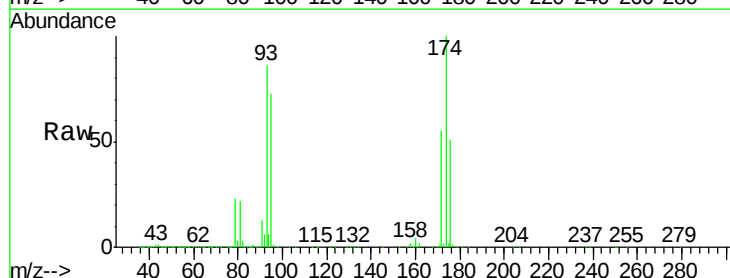
Tgt Ion: 93 Resp: 179036

Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

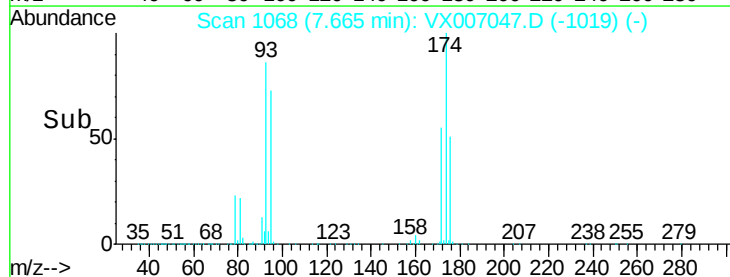
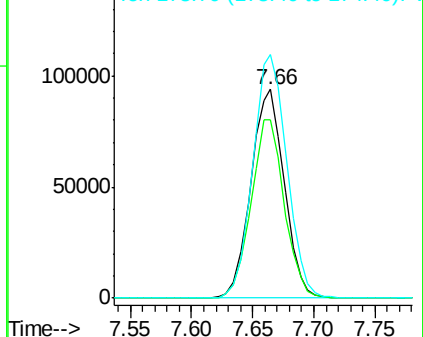
174 119.3 91.0 136.4

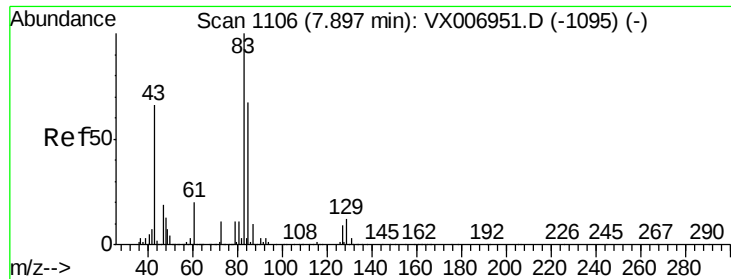


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.506 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

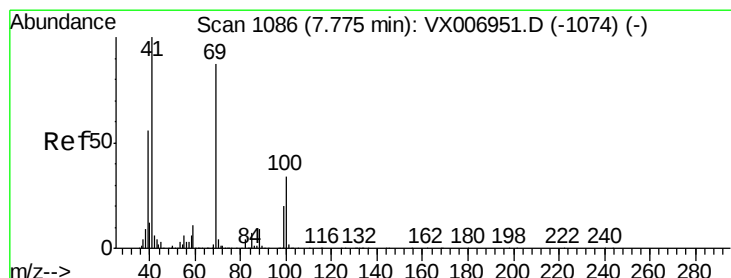
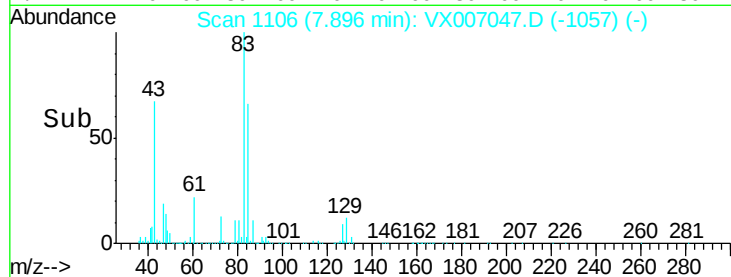
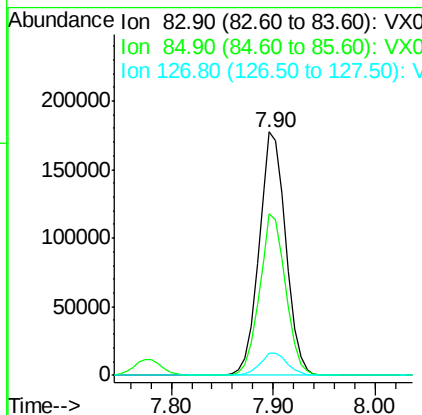
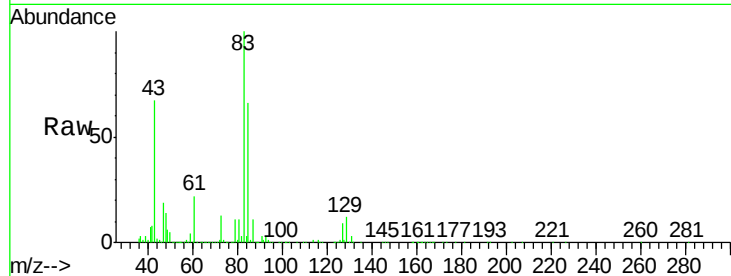
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	322888
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.2	79.8
127	9.1	7.8	11.6

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#48

Methyl methacrylate

Concen: 51.333 ug/l

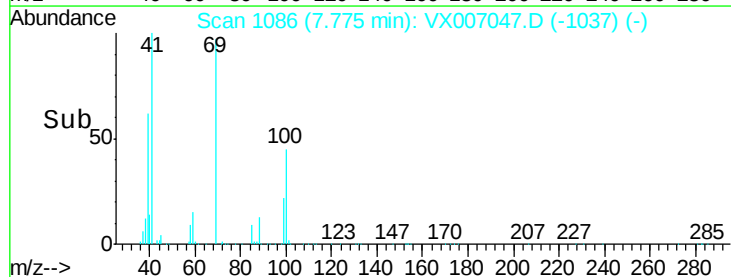
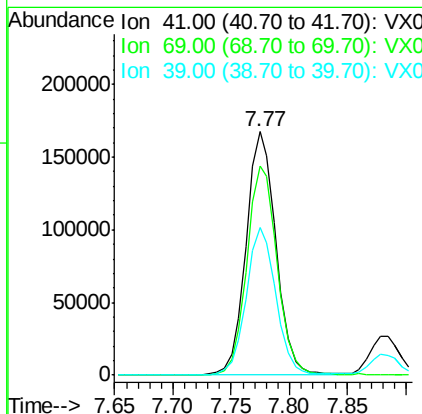
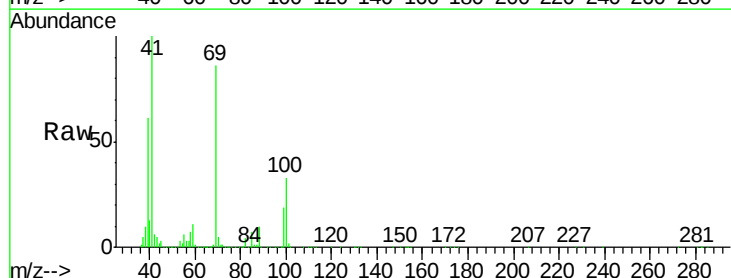
RT: 7.77 min Scan# 1086

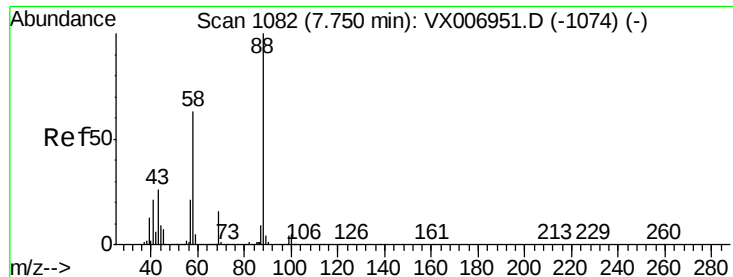
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	41	Resp:	298737
Ion	Ratio	Lower	Upper
41	100		
69	87.3	72.4	108.6
39	60.1	45.8	68.8





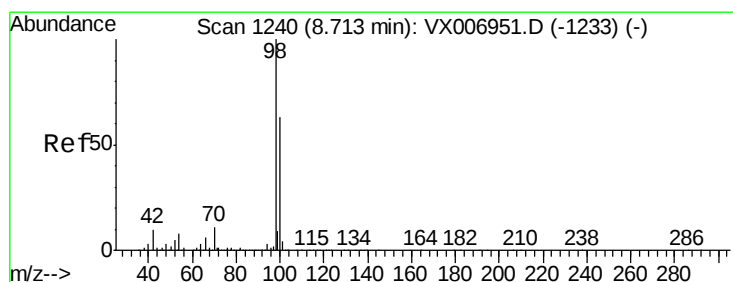
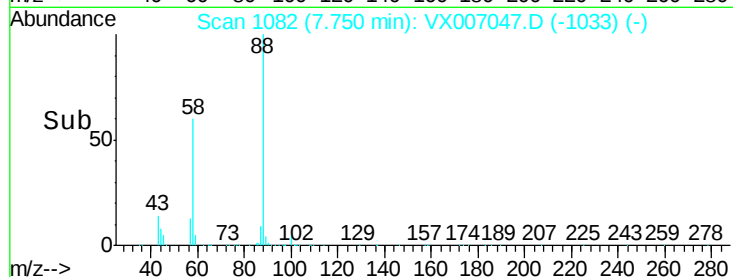
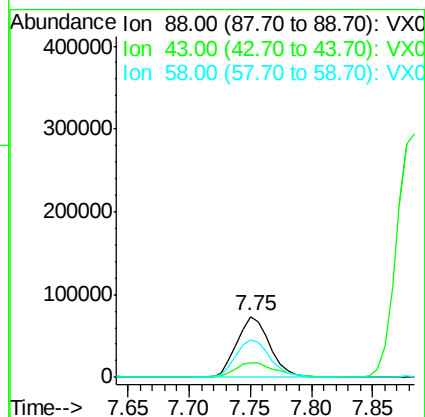
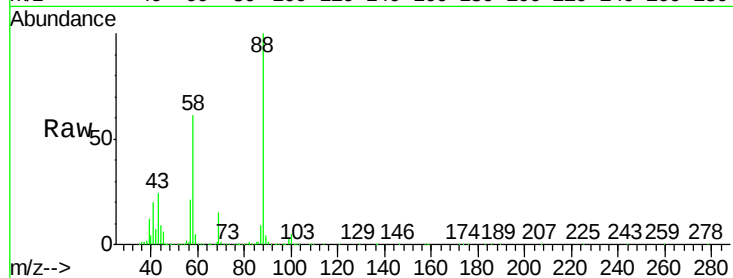
#49
1,4-Dioxane
Concen: 1037.779 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.4
58	64.5	51.0	76.4

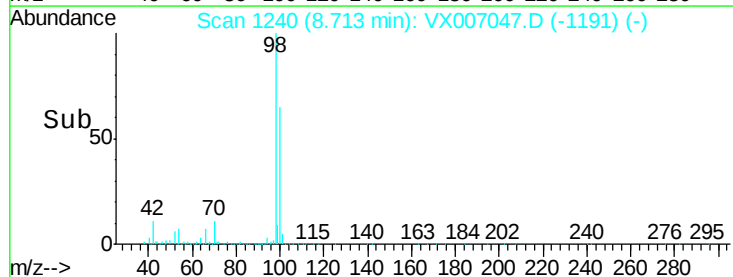
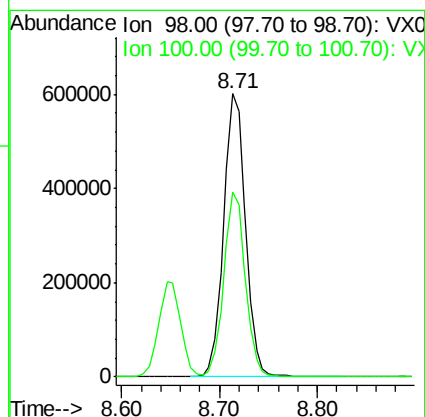
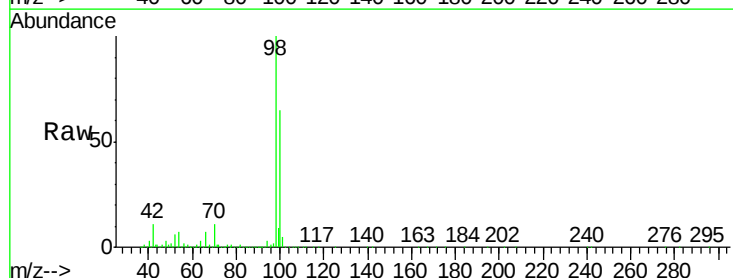
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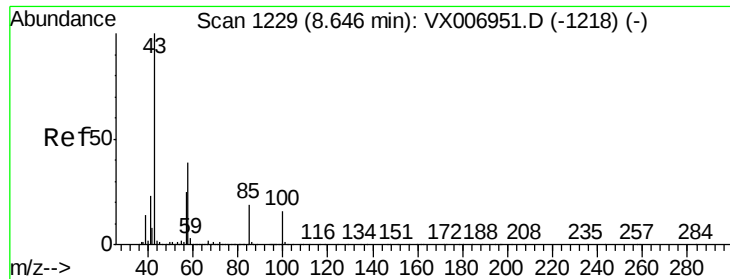
MMDadoda
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#50
Toluene-d8
Concen: 51.622 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 264.794 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1928435

Ion Ratio Lower Upper

43 100

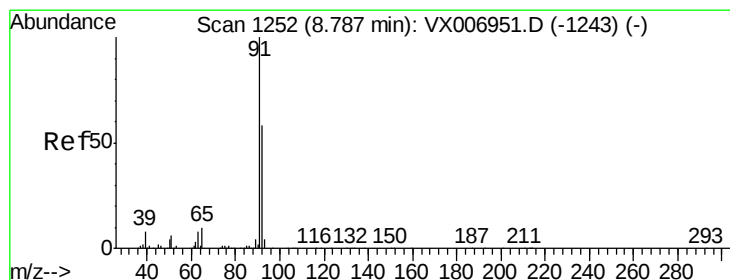
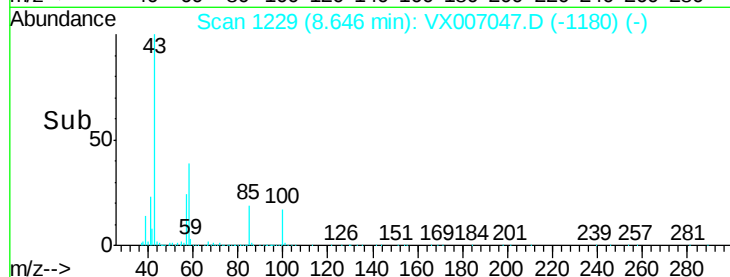
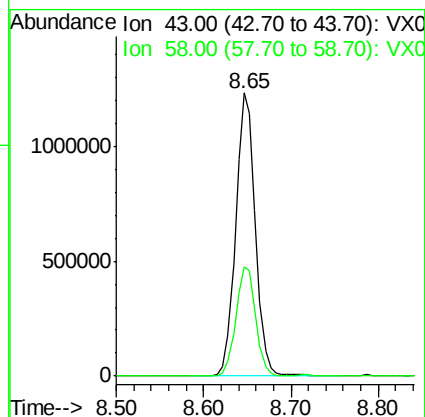
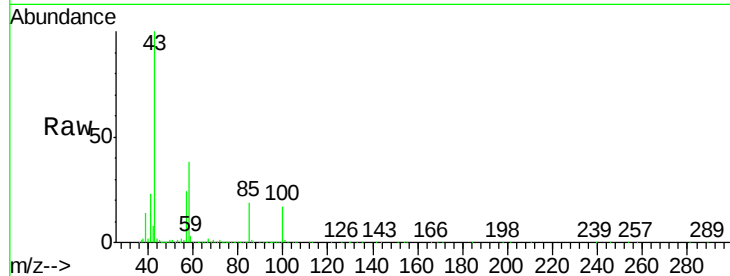
58 39.1 31.8 47.6

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#52

Toluene

Concen: 50.281 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007047.D

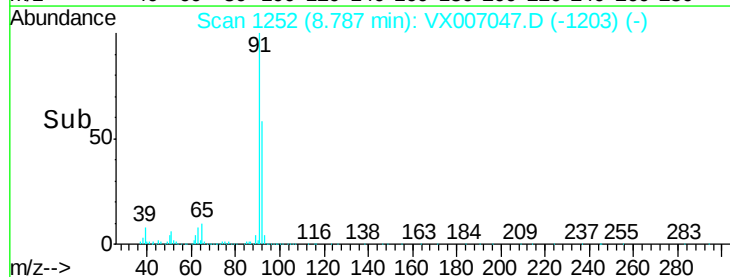
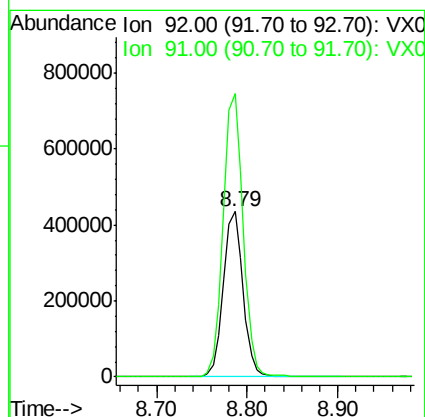
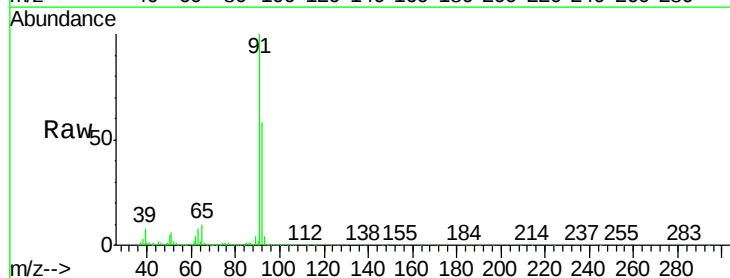
Acq: 14 Jan 2019 18:42

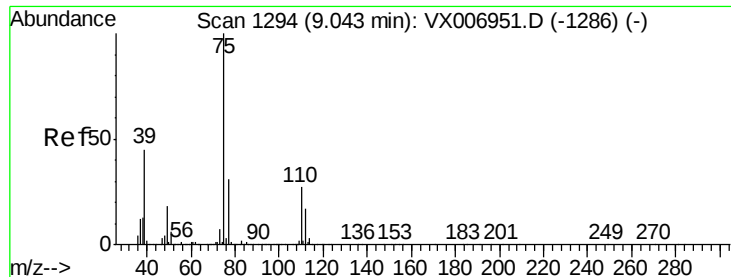
Tgt Ion: 92 Resp: 660808

Ion Ratio Lower Upper

92 100

91 173.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 52.905 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tot Ion: 75 Resp: 360756

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

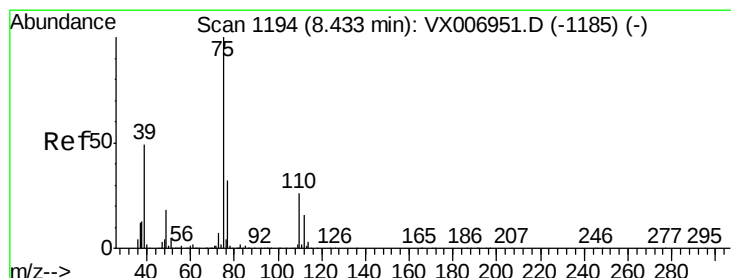
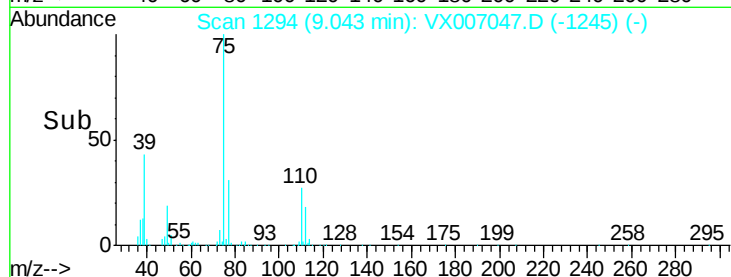
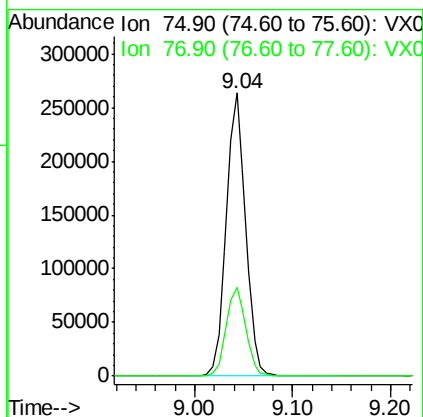
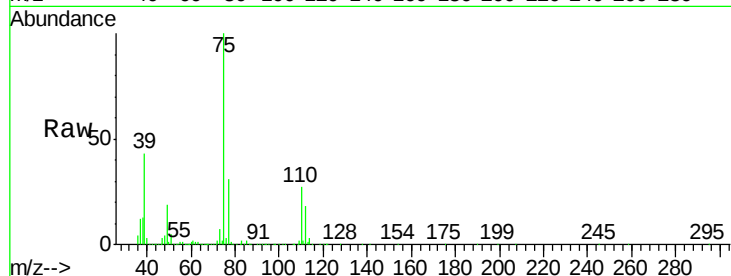
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 52.280 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

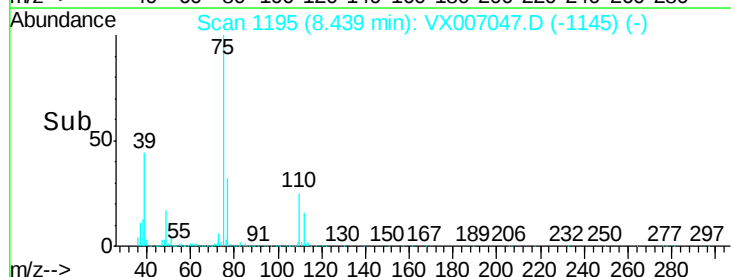
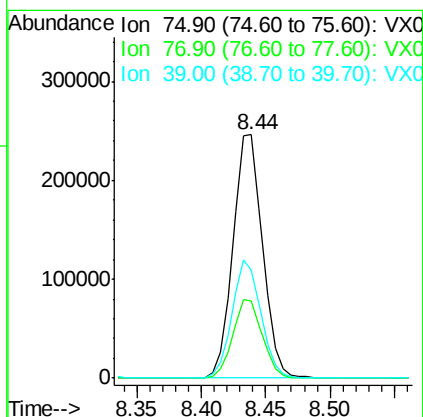
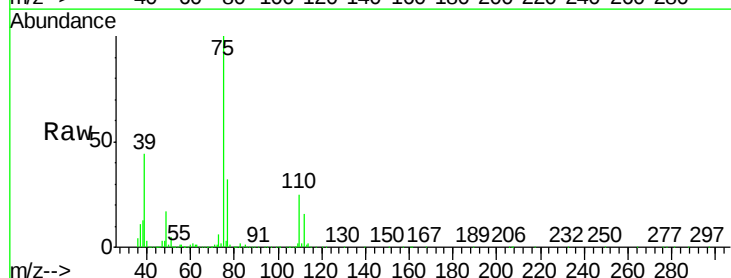
Tgt Ion: 75 Resp: 393692

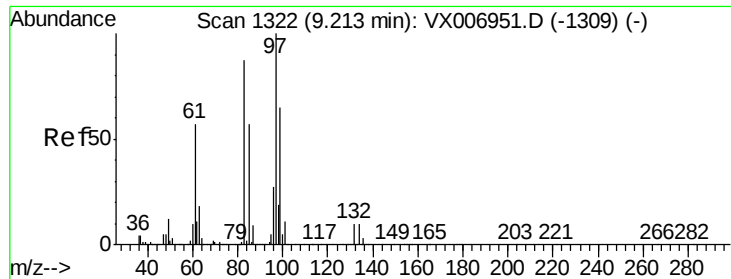
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 44.2 36.7 55.1





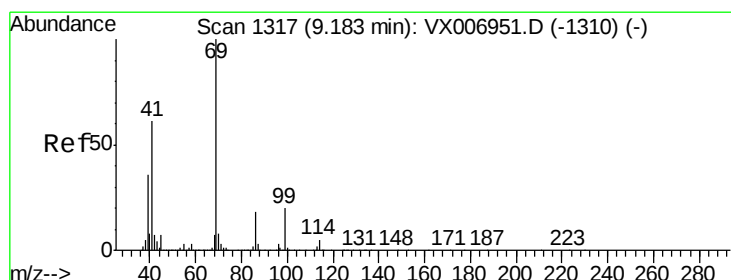
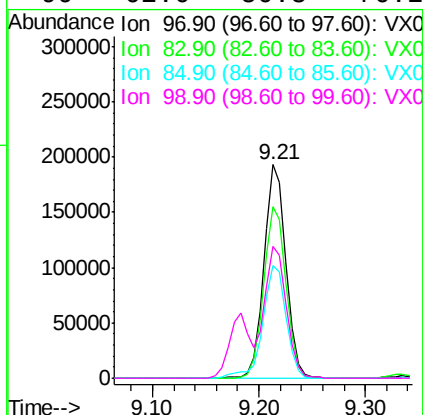
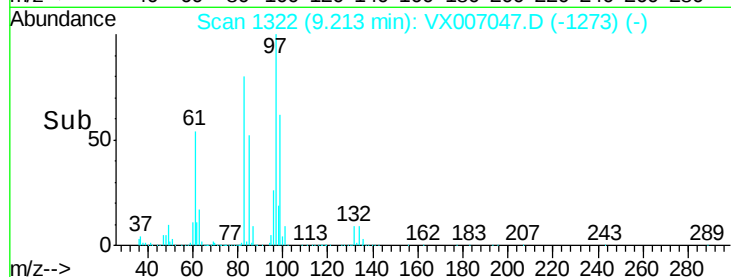
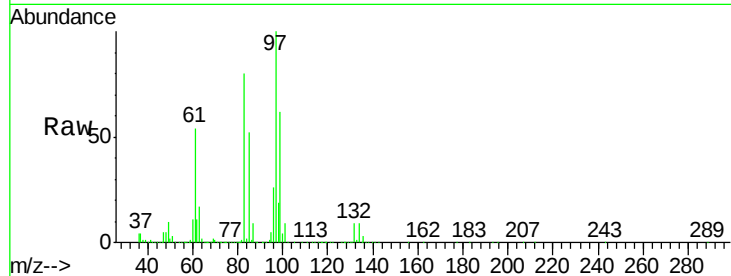
#55
 1,1,2-Trichloroethane
 Concen: 53.086 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		279252		
83	80.0	66.6	99.8		
85	52.4	42.7	64.1		
99	62.0	50.8	76.2		

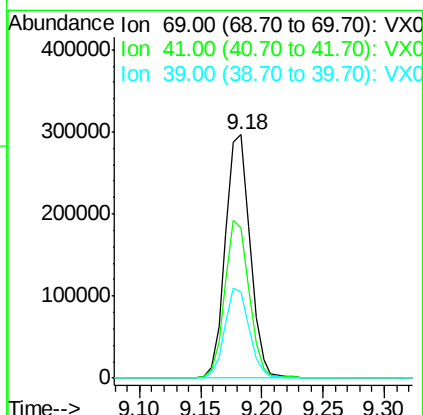
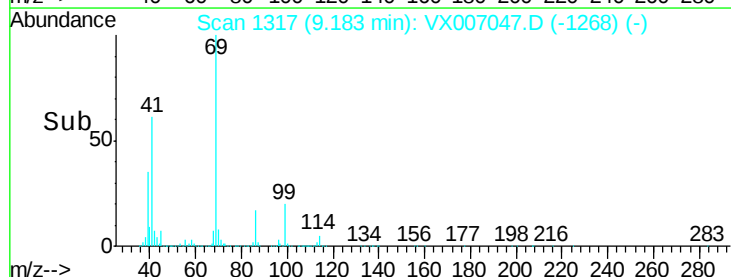
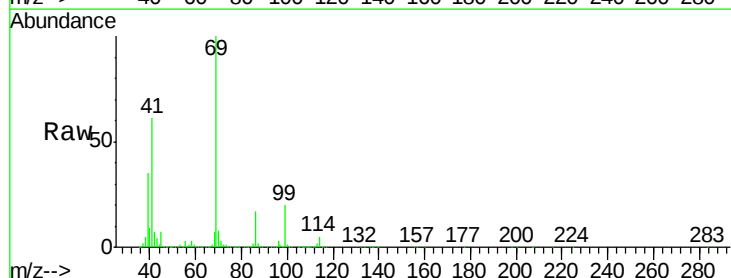
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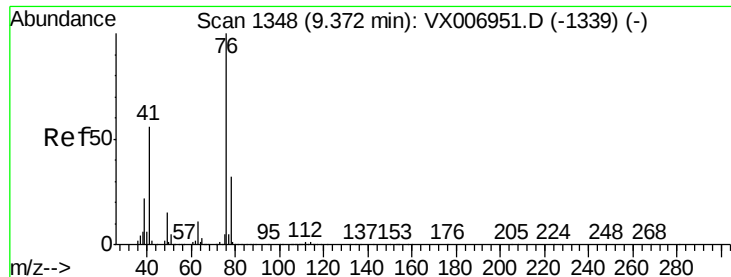
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#56
 Ethyl methacrylate
 Concen: 53.944 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		414259		
41	63.7	48.7	73.1		
39	36.7	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.781 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 437624

Ion Ratio Lower Upper

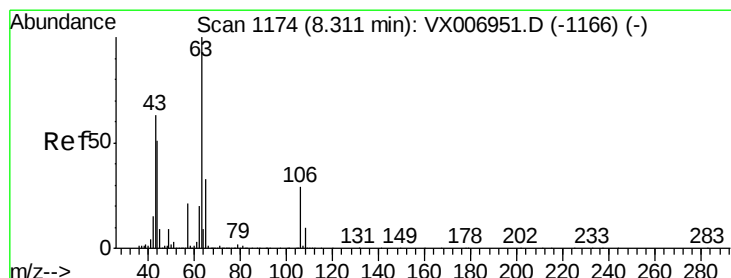
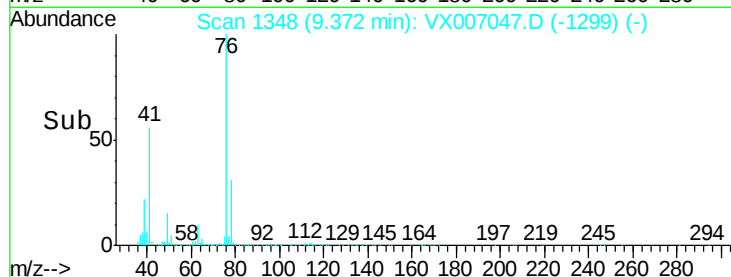
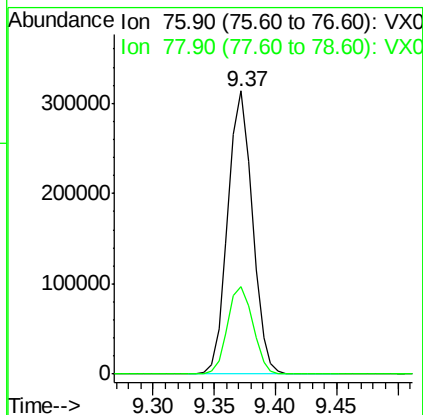
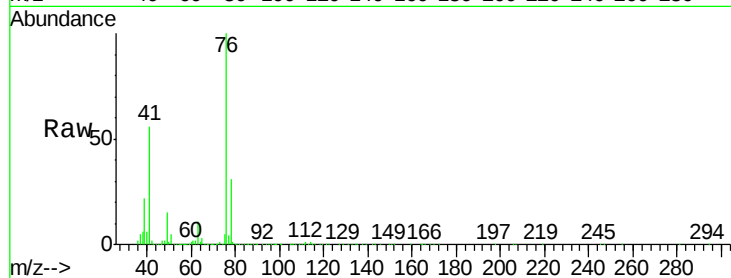
76 100

78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 264.692 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007047.D

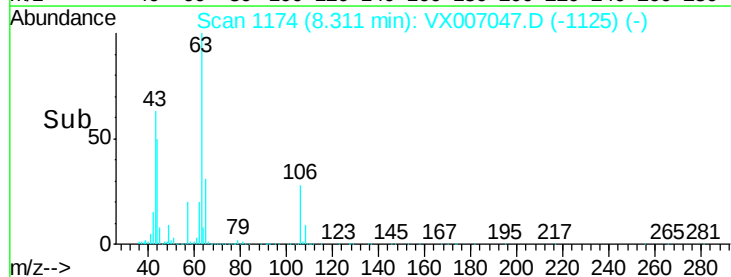
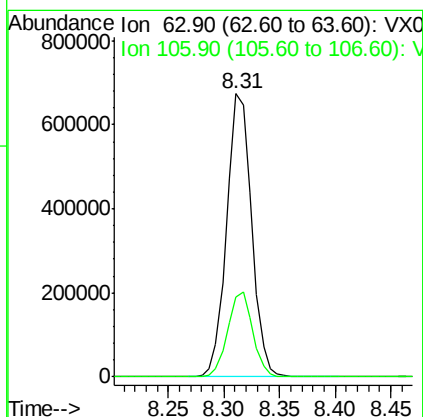
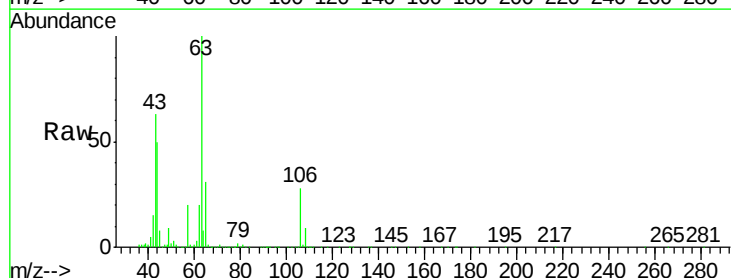
Acq: 14 Jan 2019 18:42

Tgt Ion: 63 Resp: 1045117

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8





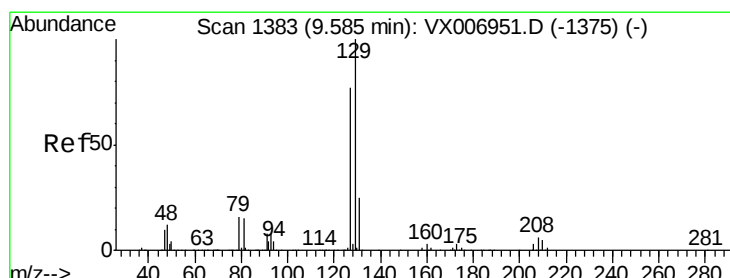
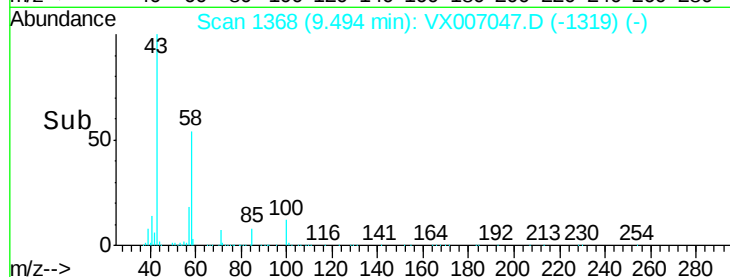
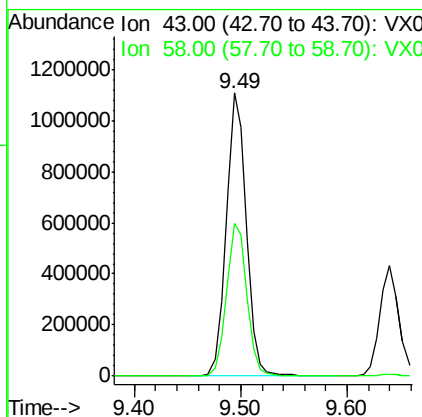
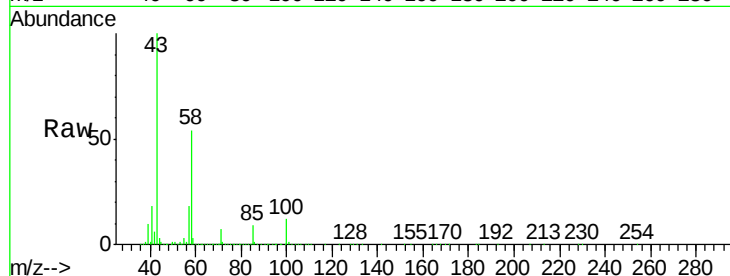
#59
2-Hexanone
Concen: 263.159 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1460500
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

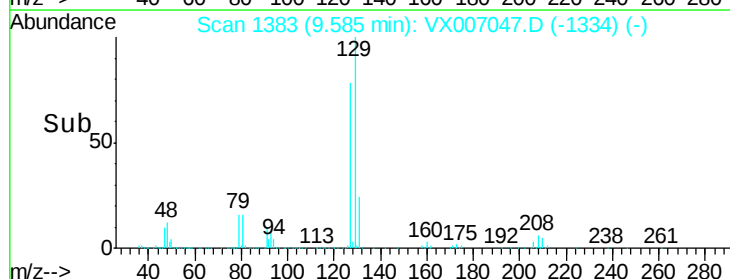
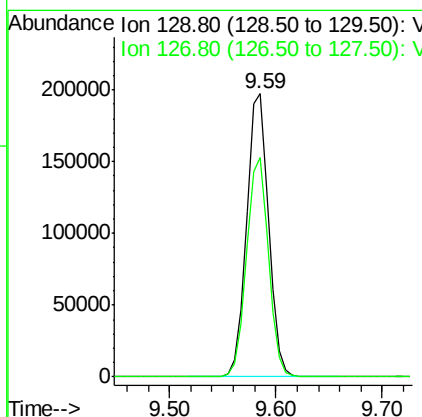
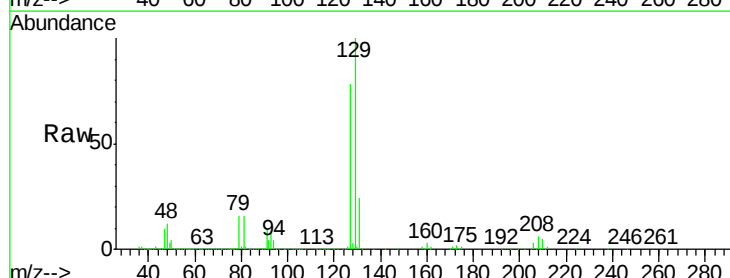
Manual Integrations
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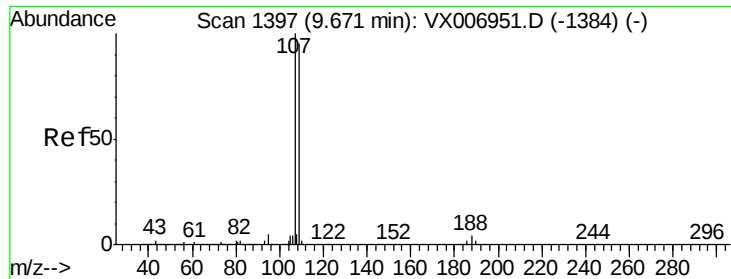
MMDadoda
1/15/2019 11:13:12 AM



#60
Dibromochloromethane
Concen: 56.114 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion: 129 Resp: 286628
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.319 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 297194

Ion Ratio Lower Upper

107 100

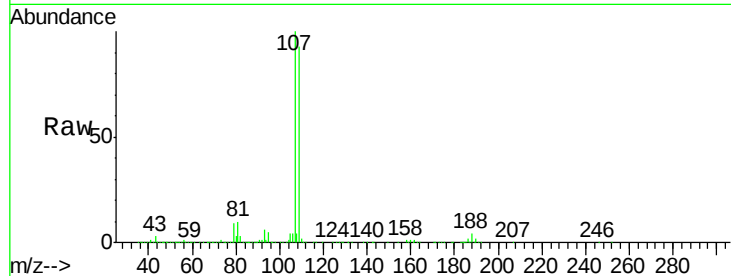
109 93.8 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

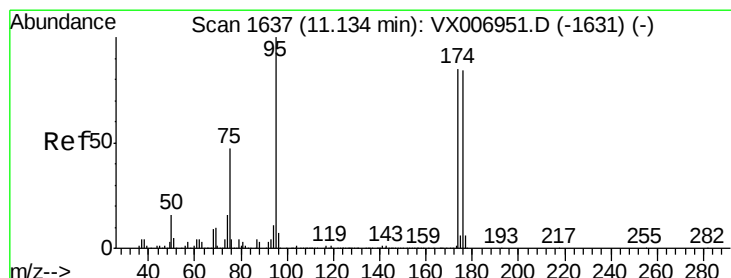
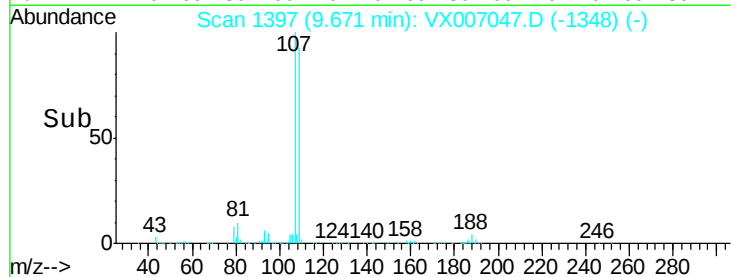
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 54.262 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

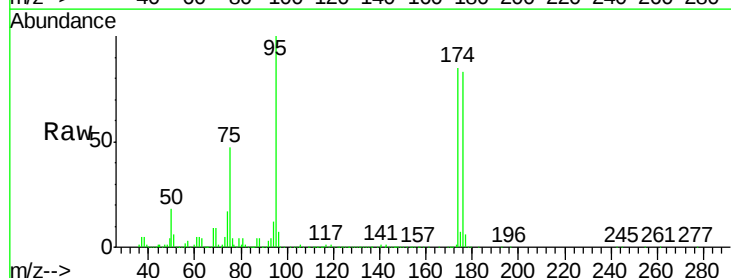
Tgt Ion: 95 Resp: 341773

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

176 91.2 0.0 178.8



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

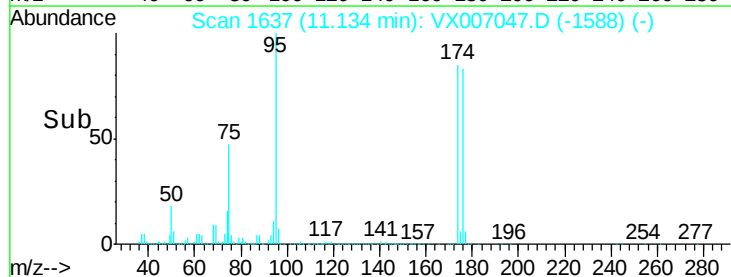
300000

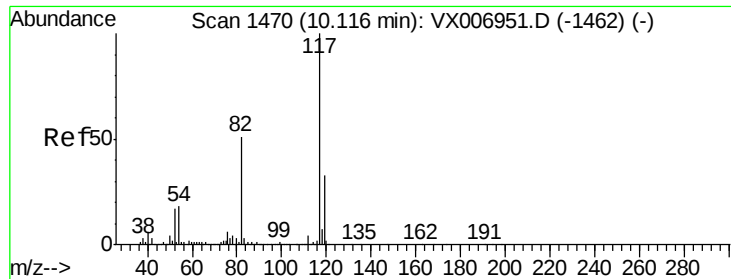
200000

100000

0

Time--> 11.10 11.20





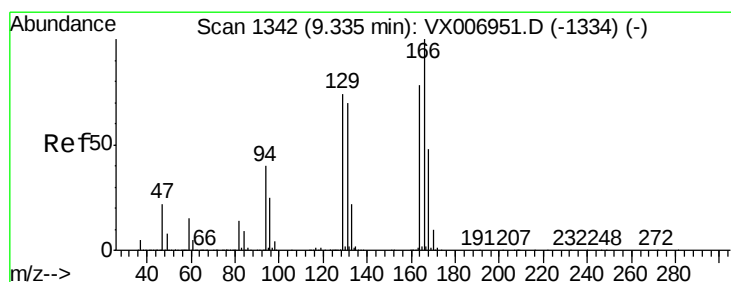
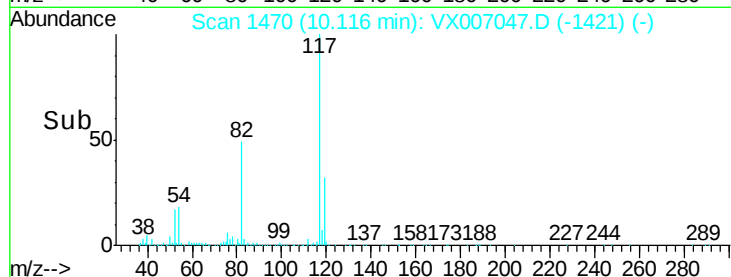
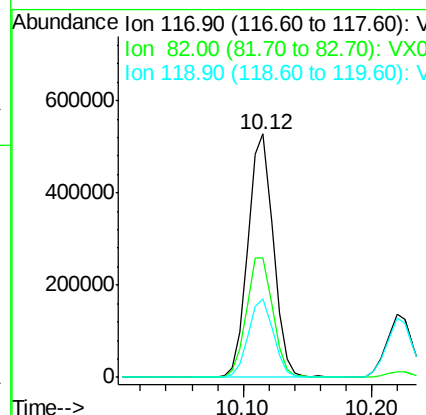
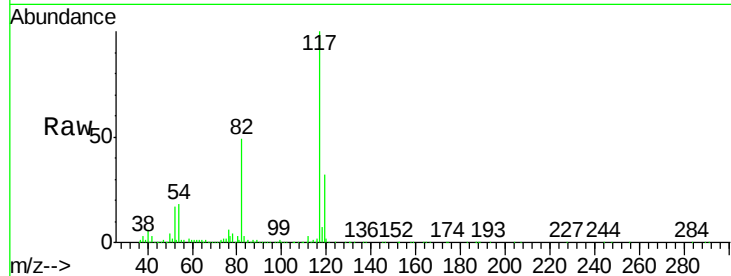
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	713867		
82	49.1		41.0	61.6
119	32.2		25.4	38.0

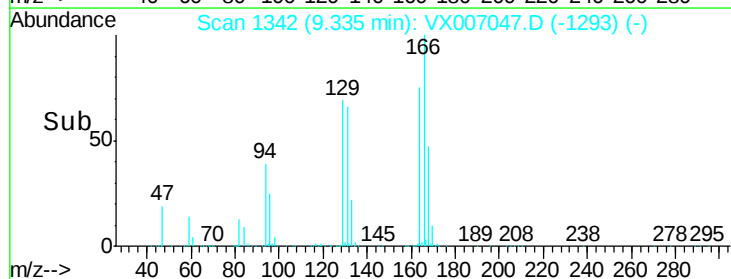
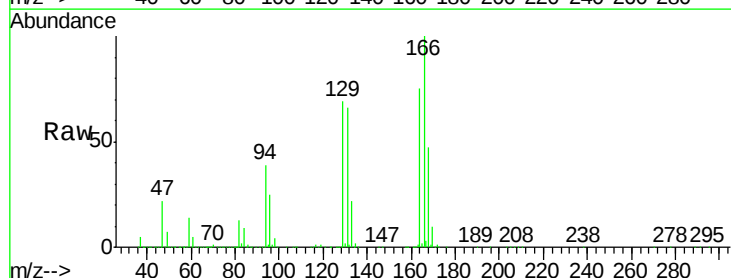
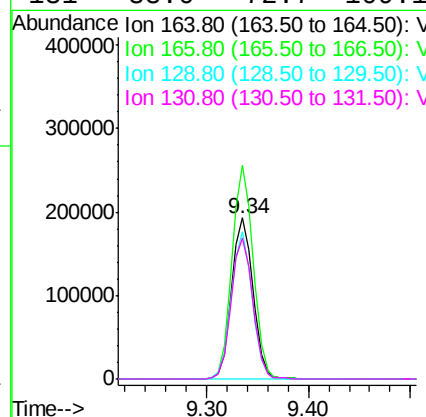
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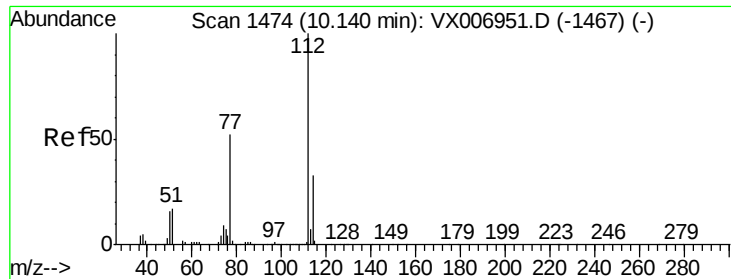
MMDadoda
1/15/2019 11:13:12 AM



#64
Tetrachloroethene
Concen: 44.916 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	277604		
166	132.9		102.5	153.7
129	91.6		75.1	112.7
131	88.0		72.7	109.1





#65

Chlorobenzene

Concen: 49.166 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 765504

Ion Ratio Lower Upper

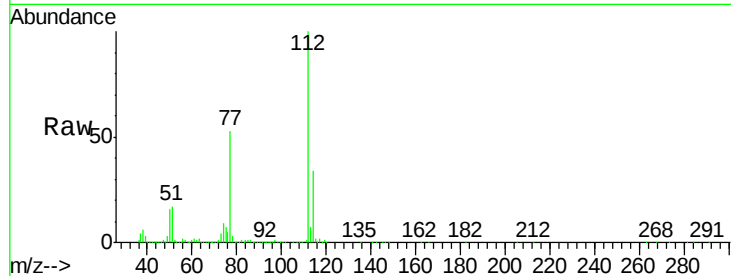
112 100

114 33.7 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

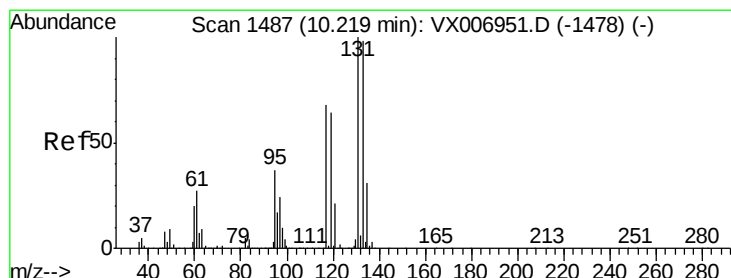
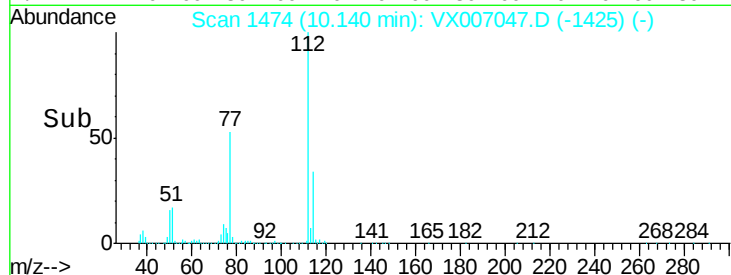
400000

200000

0

10.00 10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.649 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

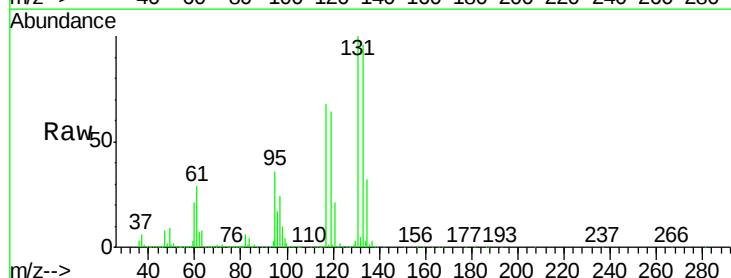
Tgt Ion:131 Resp: 275759

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 63.8 32.6 97.8



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

250000

200000

150000

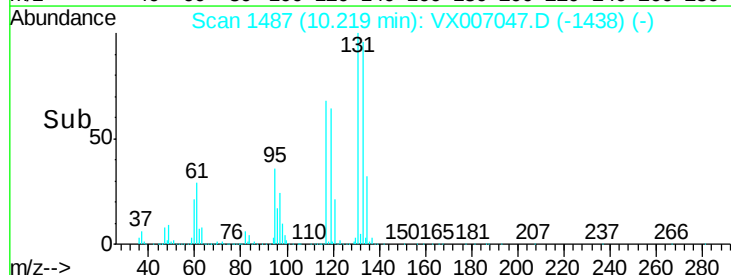
100000

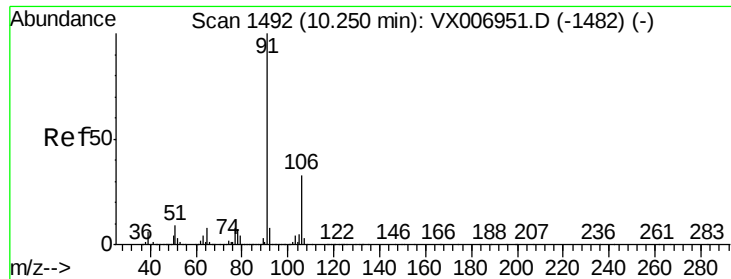
50000

0

10.10 10.20 10.30

Time-->





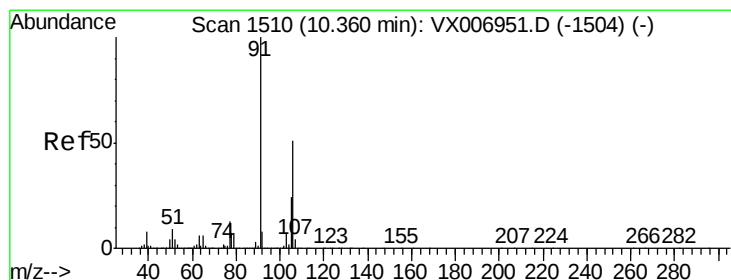
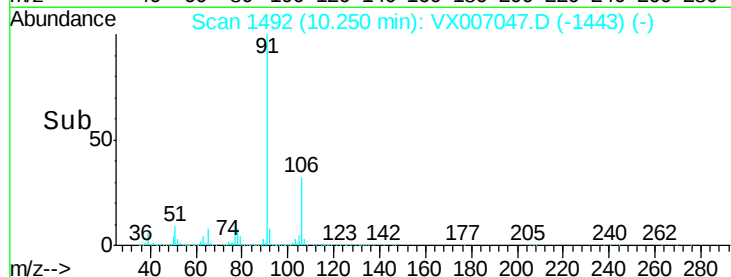
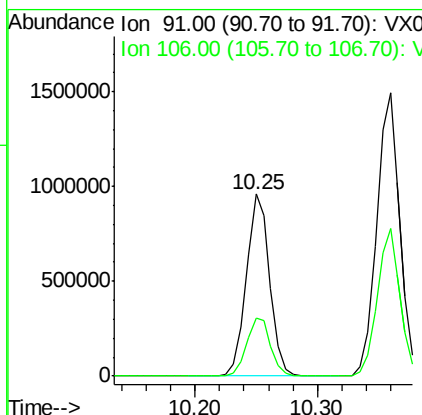
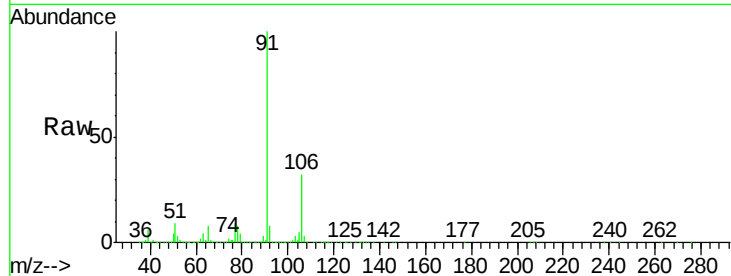
#67
Ethyl Benzene
Concen: 49.288 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1266894
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6

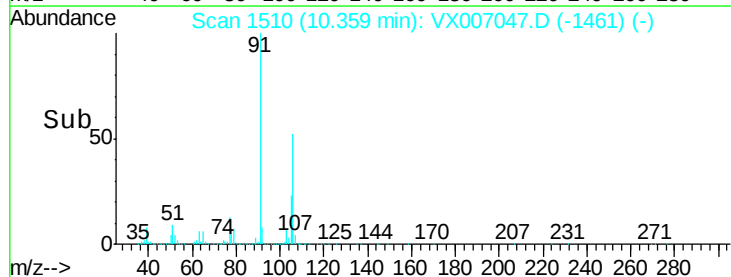
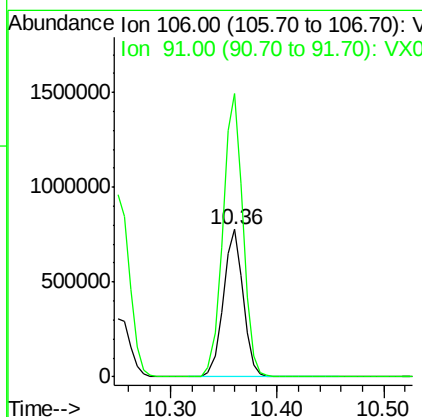
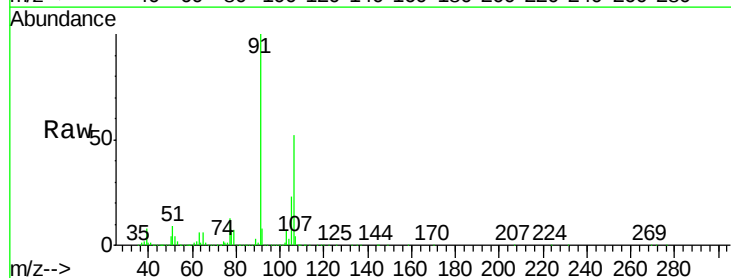
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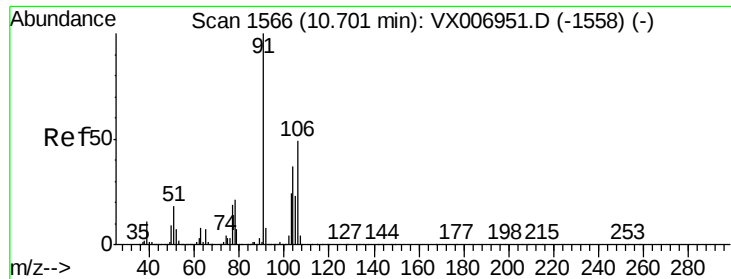
MMDadoda
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#68
m/p-Xylenes
Concen: 99.422 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion: 106 Resp: 1006839
Ion Ratio Lower Upper
106 100
91 194.5 155.8 233.6





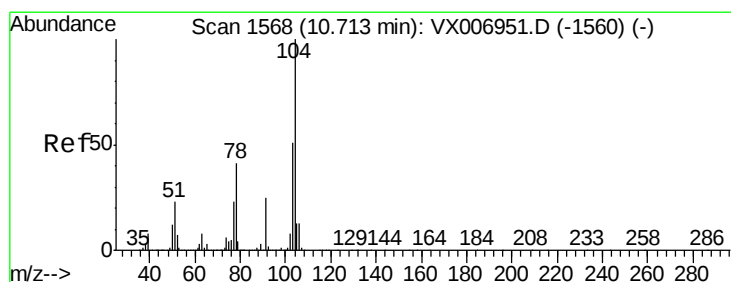
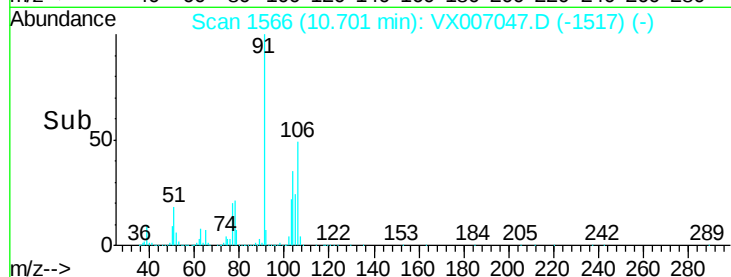
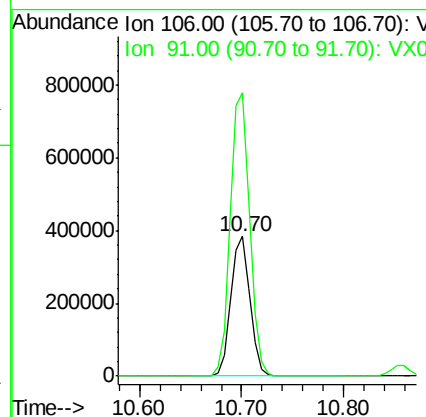
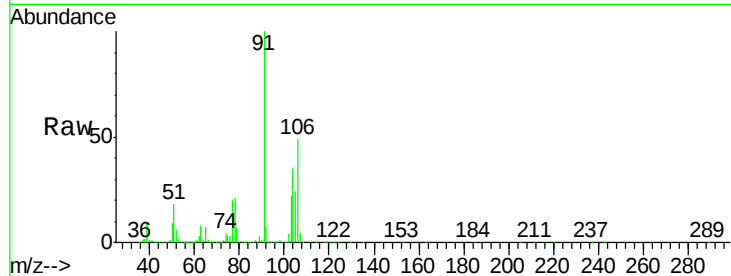
#69
o-Xylene
Concen: 49.846 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 492298
Ion Ratio Lower Upper
106 100
91 207.1 101.3 303.7

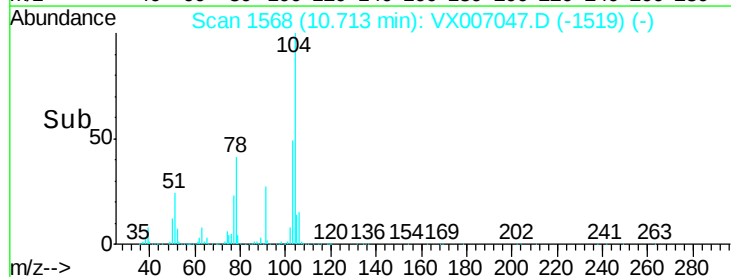
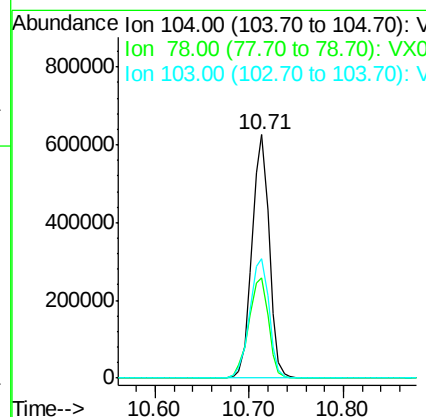
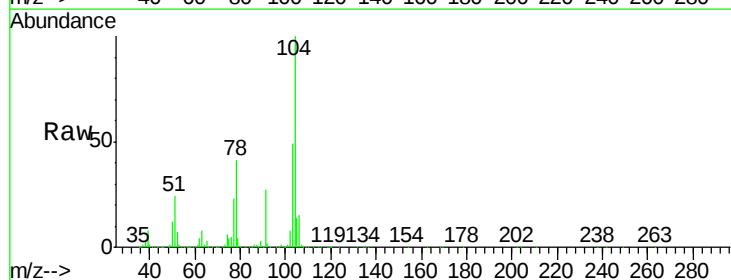
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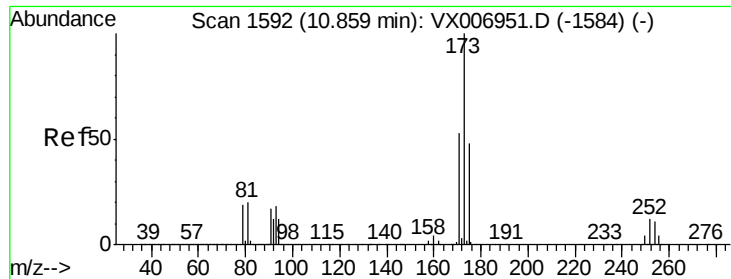
MMDadoda
1/15/2019 11:13:12 AM



#70
Styrene
Concen: 51.323 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion:104 Resp: 802794
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 55.2 43.8 65.8





#71

Bromoform

Concen: 46.957 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

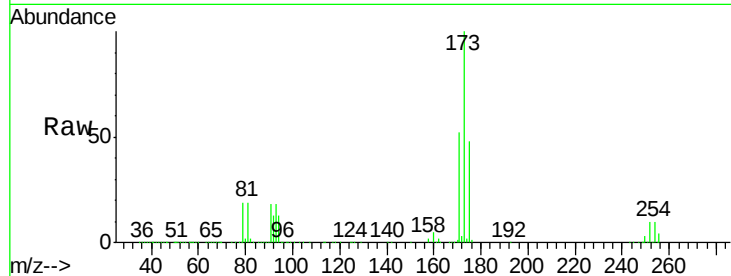
ClientSampleId :

VSTDCCC050EC

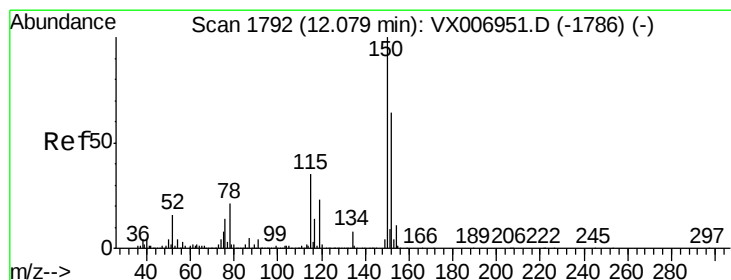
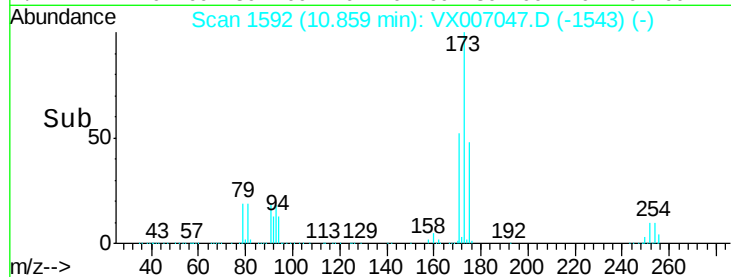
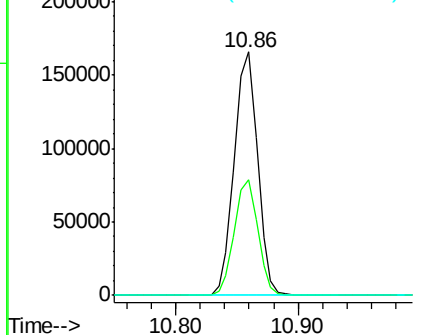
Tot Ion:	173	Resp:	218551
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.7	74.1
254	0.2	0.2	0.2#

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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: 50.000 ug/l

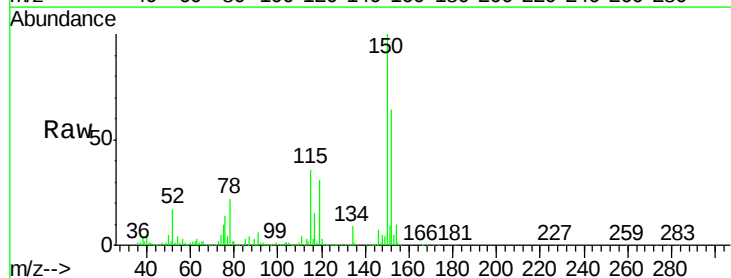
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

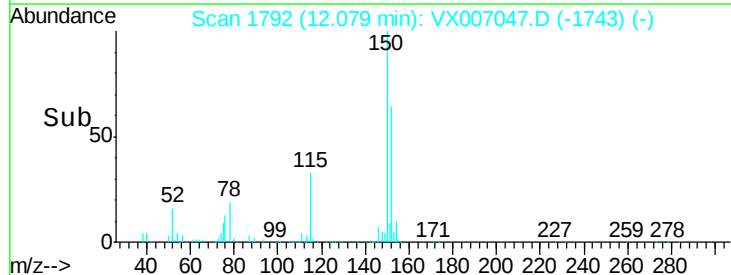
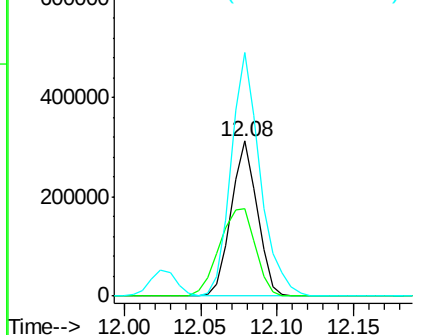
Lab File: VX007047.D

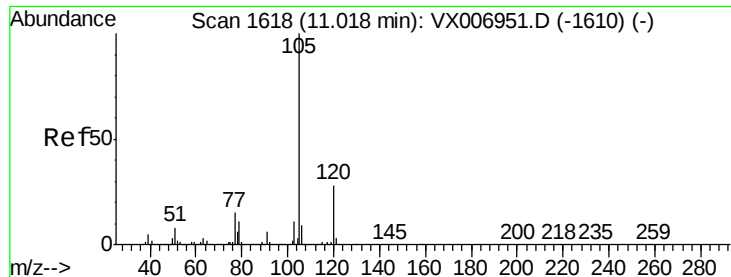
Acq: 14 Jan 2019 18:42

Tgt Ion:	152	Resp:	369759
Ion Ratio	Lower	Upper	
152	100		
115	77.6	39.1	117.2
150	174.5	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: 50.200 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1308883

Ion Ratio Lower Upper

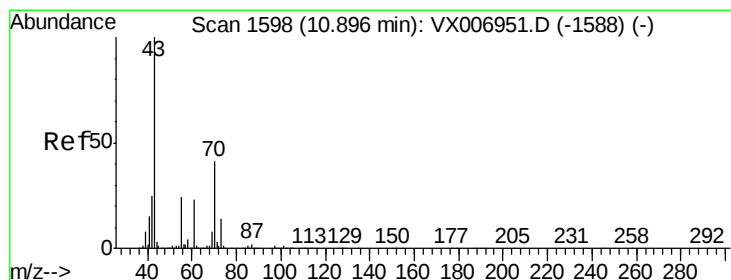
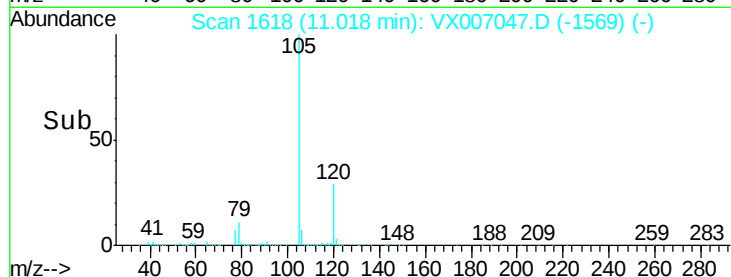
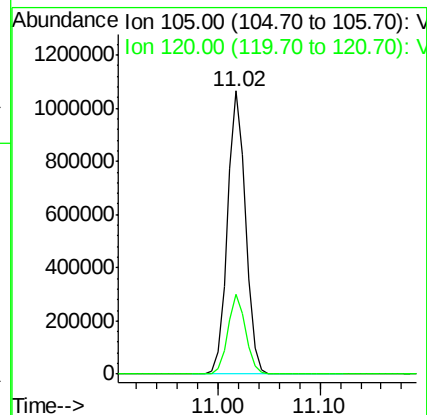
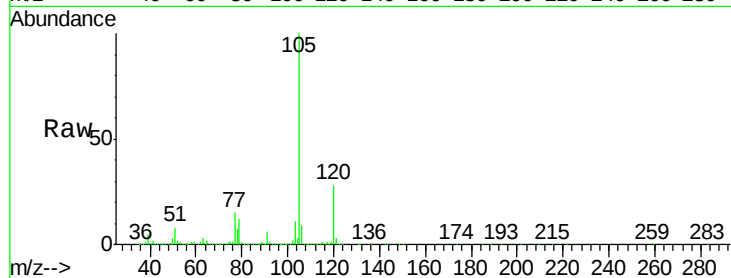
105 100

120 27.6 14.1 42.4

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#74

N-ethyl acetate

Concen: 51.324 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion: 43 Resp: 538784

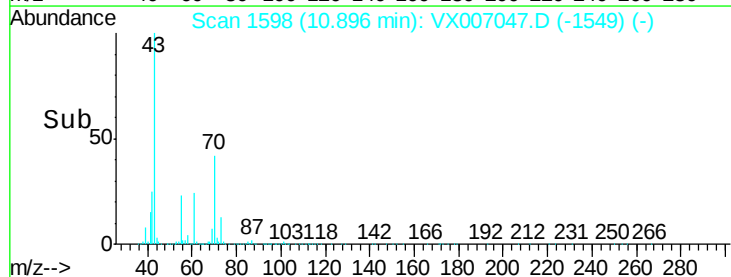
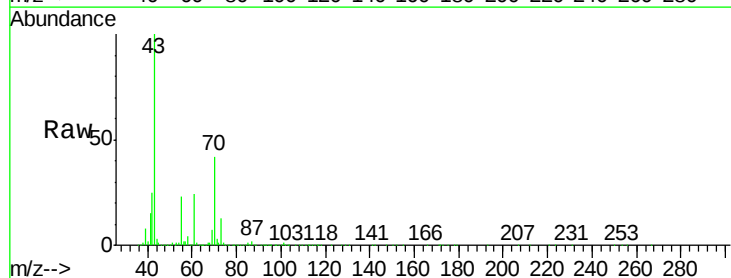
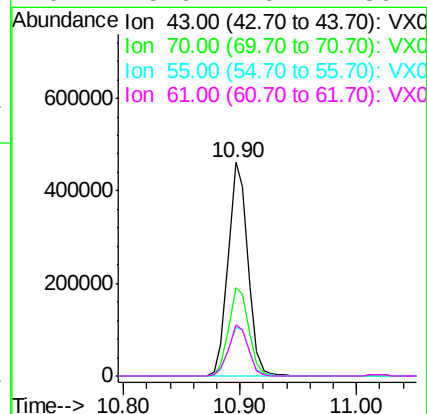
Ion Ratio Lower Upper

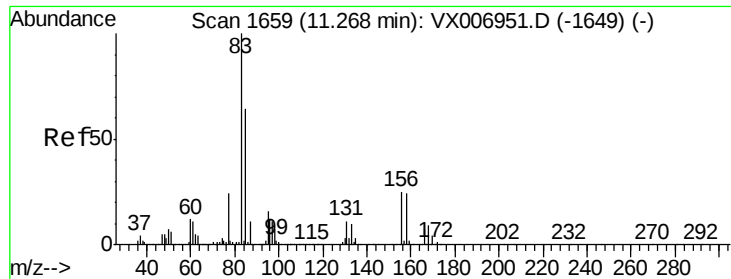
43 100

70 42.6 35.8 53.8

55 24.1 19.4 29.0

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

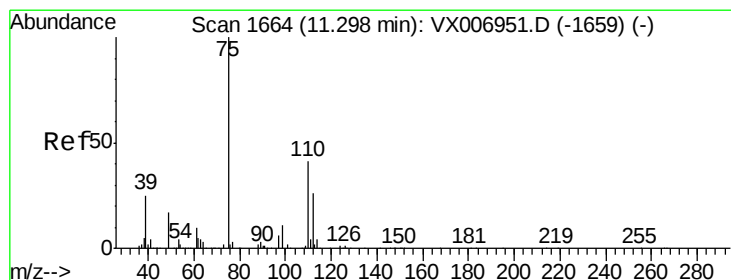
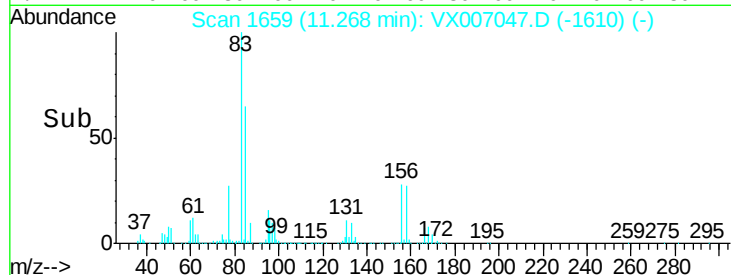
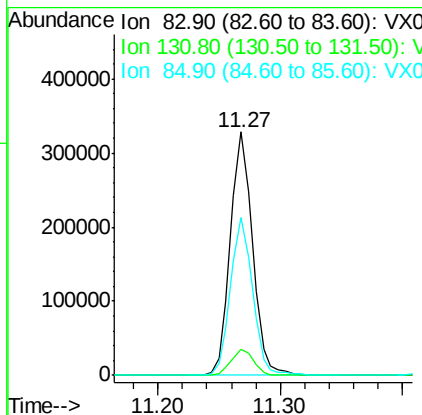
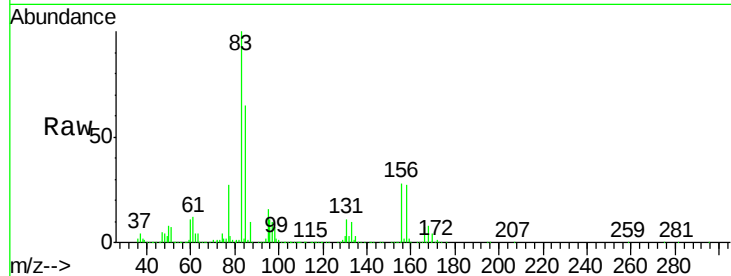
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	410457
Ion Ratio		Lower	Upper
83	100		
131	11.0	5.7	17.1
85	64.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 50.307 ug/l m

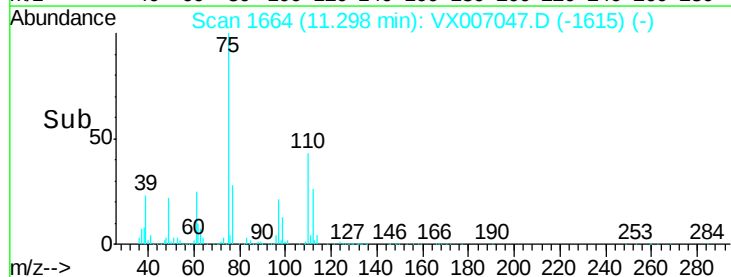
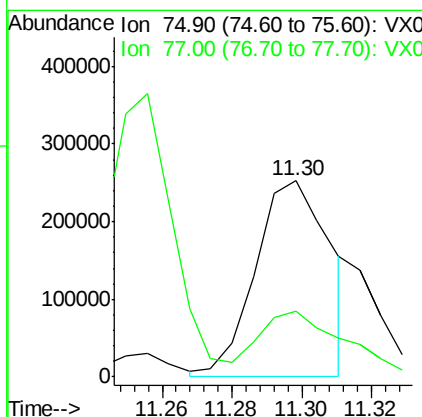
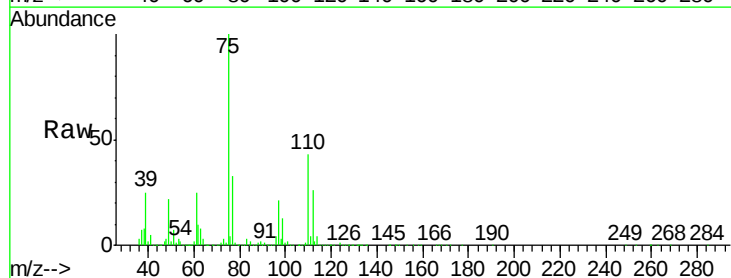
RT: 11.30 min Scan# 1664

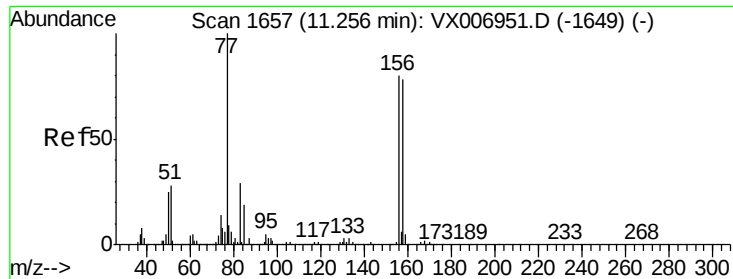
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	75	Resp:	376954
Ion Ratio		Lower	Upper
75	100		
77	38.5	18.5	55.5





#77

Bromobenzene

Concen: 49.323 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

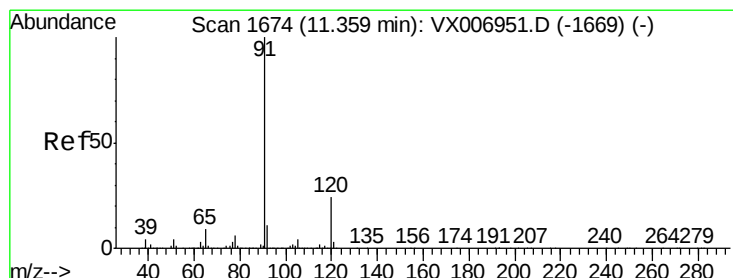
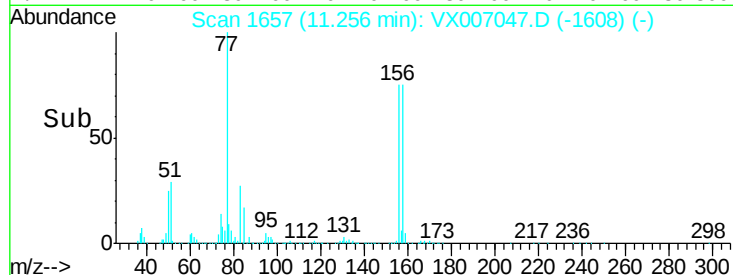
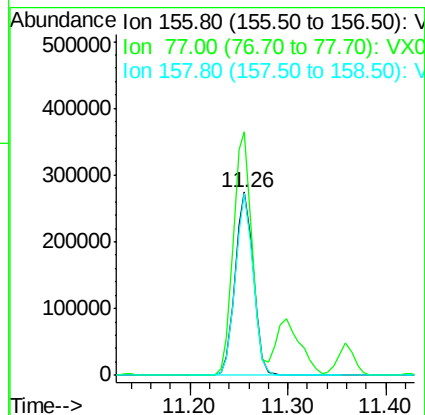
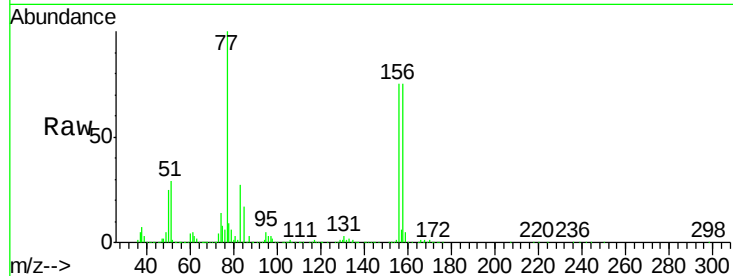
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.0	68.0	204.0
158	97.6	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.724 ug/l

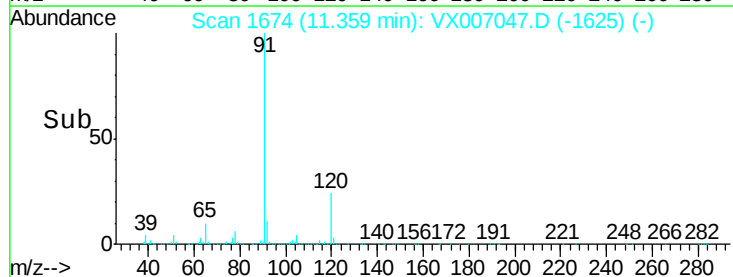
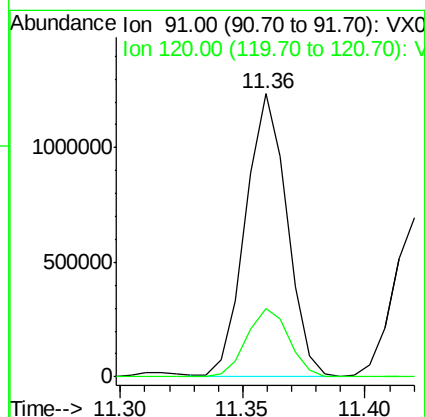
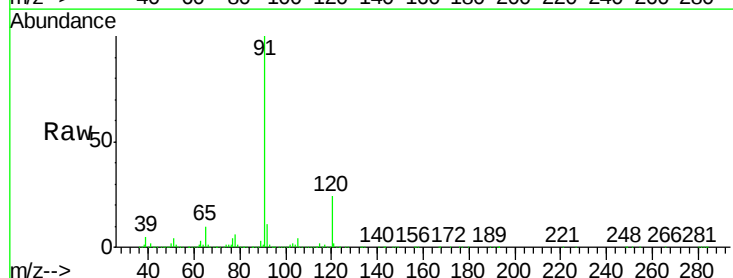
RT: 11.36 min Scan# 1674

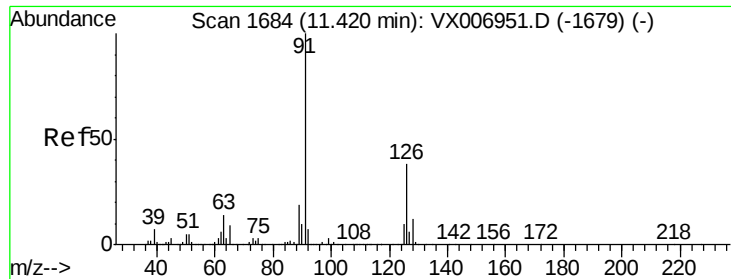
Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 49.489 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 852678

Ion Ratio Lower Upper

91 100

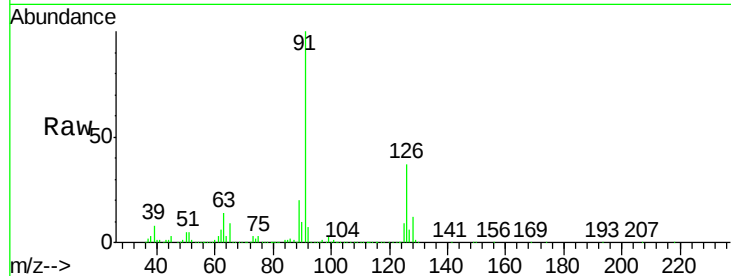
126 37.1 18.6 56.0

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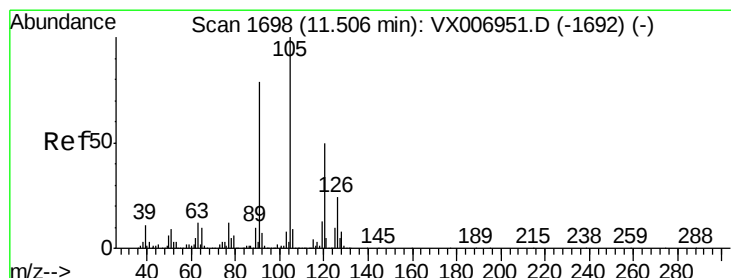
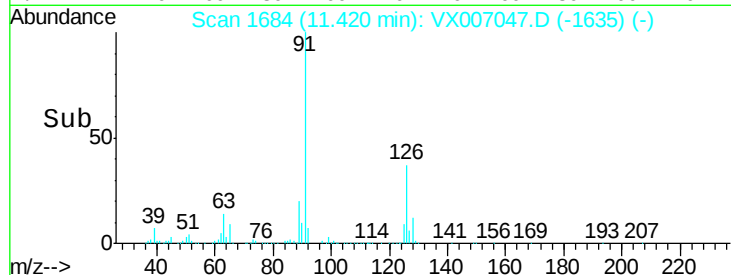
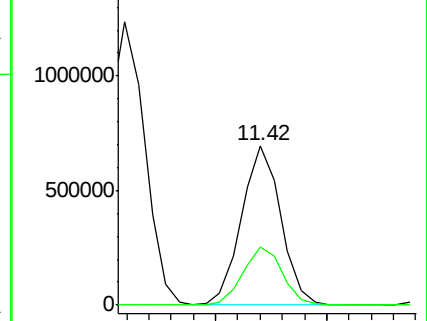
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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.413 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007047.D

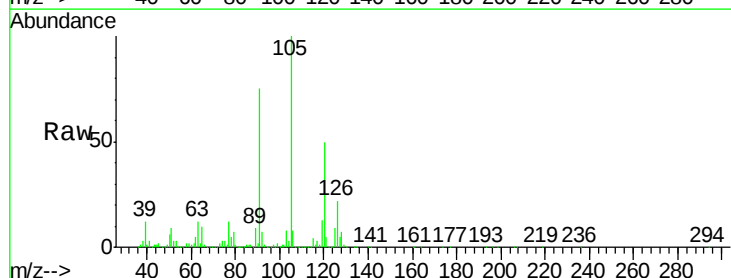
Acq: 14 Jan 2019 18:42

Tgt Ion:105 Resp: 1076521

Ion Ratio Lower Upper

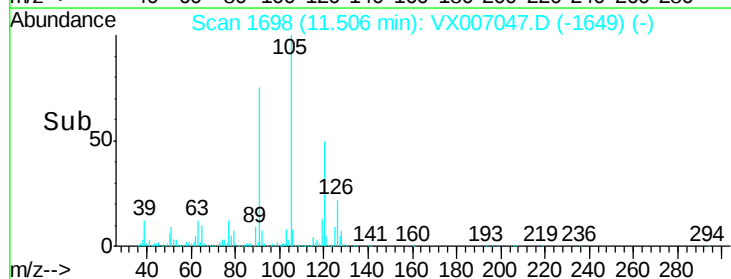
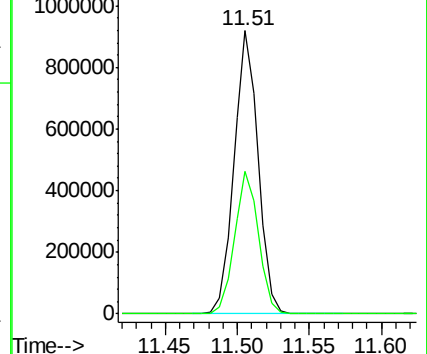
105 100

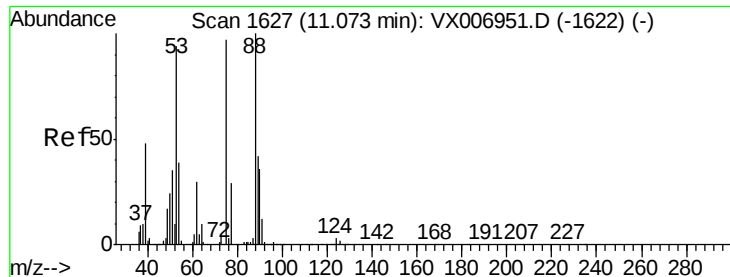
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)





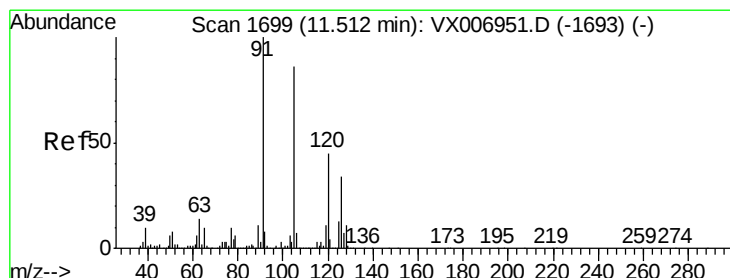
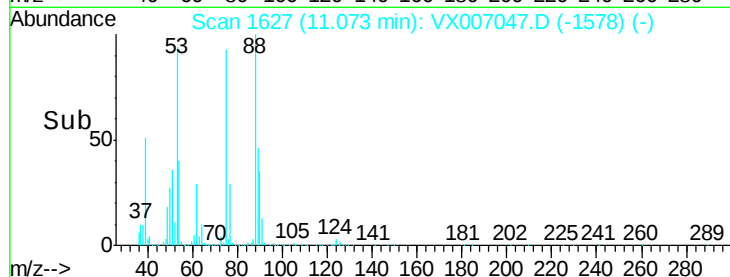
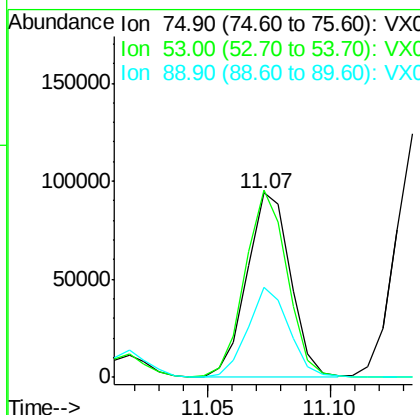
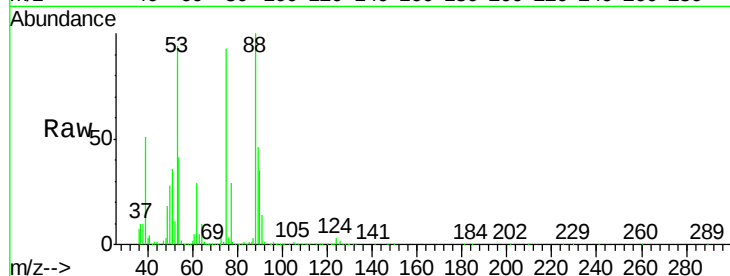
#81
trans-1,4-Dichloro-2-butene
Concen: 47.199 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	79.7	119.5
89	46.8	38.0	57.0

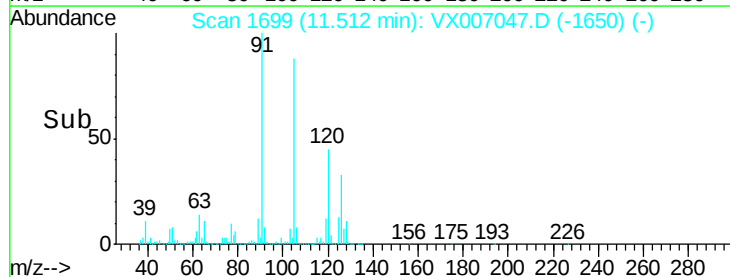
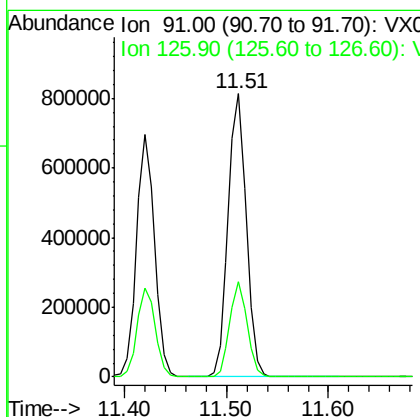
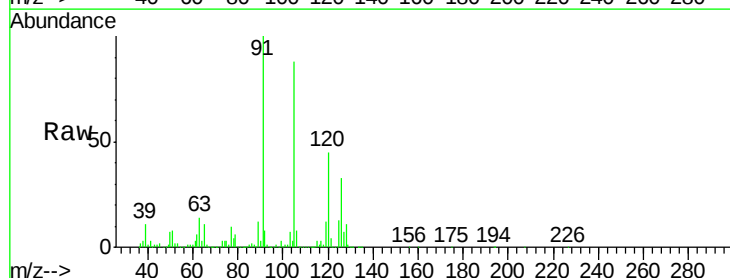
Manual Integrations
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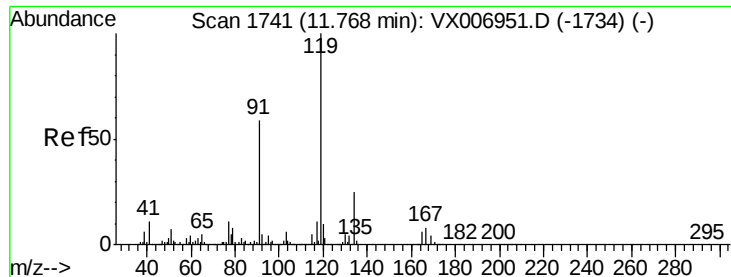
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#82
4-Chlorotoluene
Concen: 50.162 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.9





#83

tert-Butylbenzene

Concen: 50.886 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1106091

Ion Ratio Lower Upper

119 100

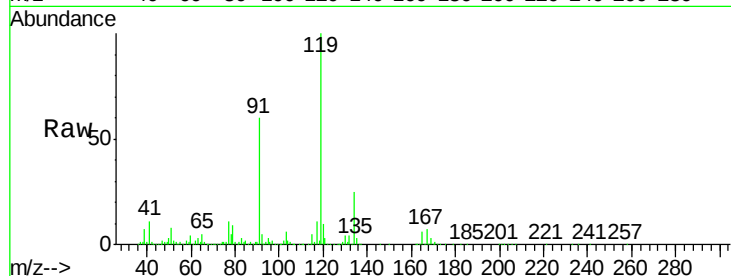
91 54.0 27.7 83.1

134 23.6 11.9 35.5

Manual Integrations
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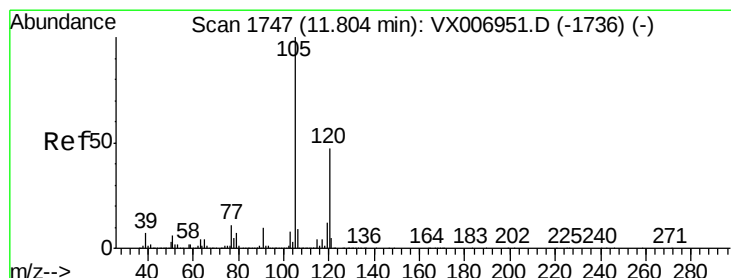
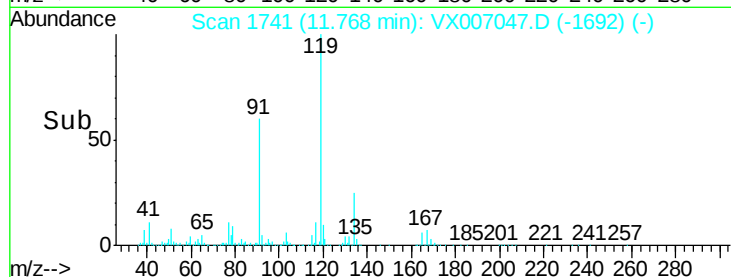
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.77

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 50.036 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007047.D

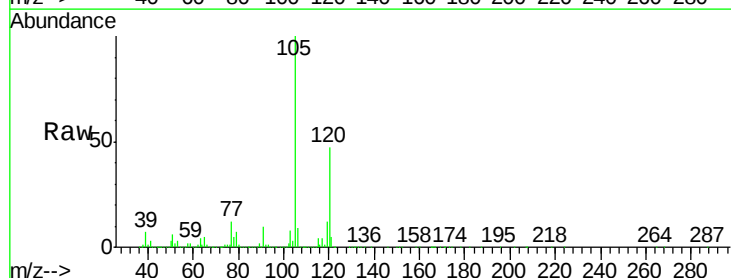
Acq: 14 Jan 2019 18:42

Tgt Ion:105 Resp: 1096189

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6

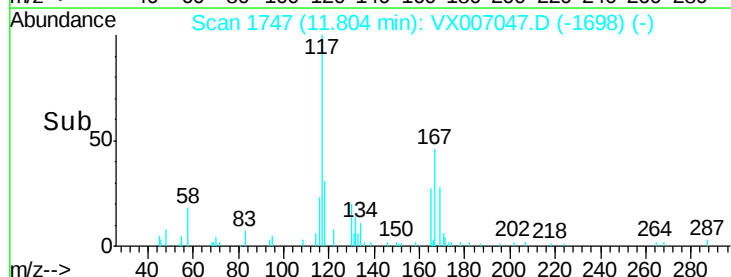


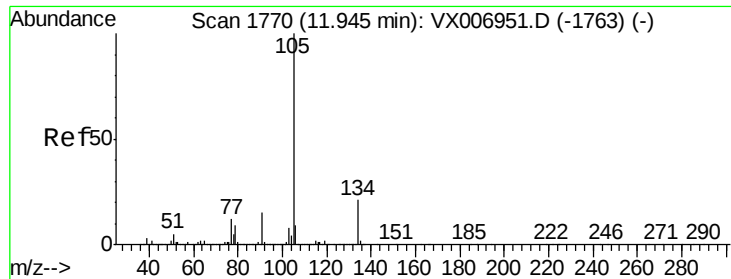
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

Time-->





#85

sec-Butylbenzene

Concen: 50.620 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1314062

Ion Ratio Lower Upper

105 100

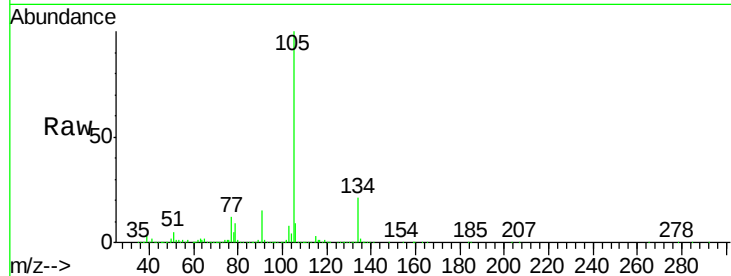
134 21.2 10.7 31.9

Manual Integrations

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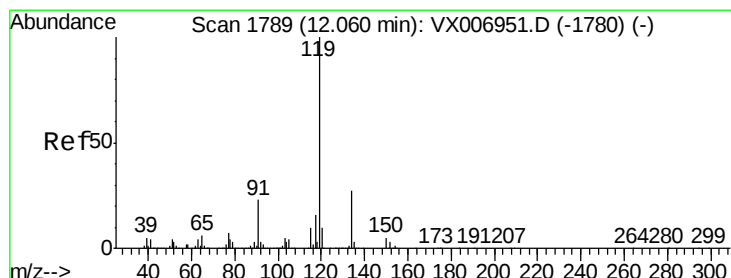
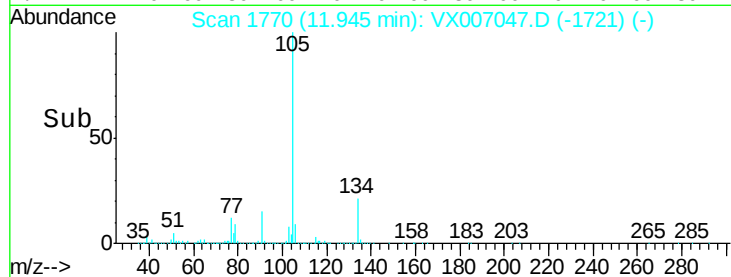
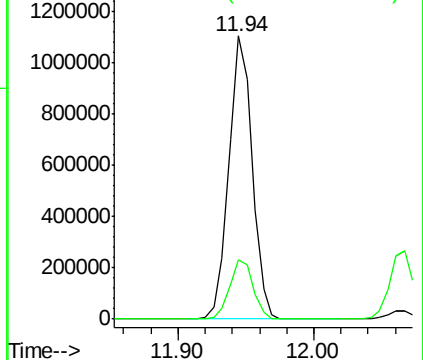
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.461 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

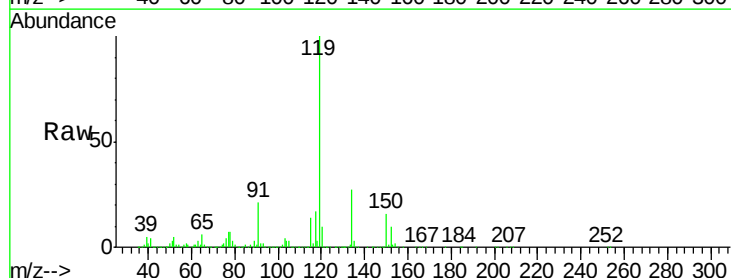
Tgt Ion:119 Resp: 1171692

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

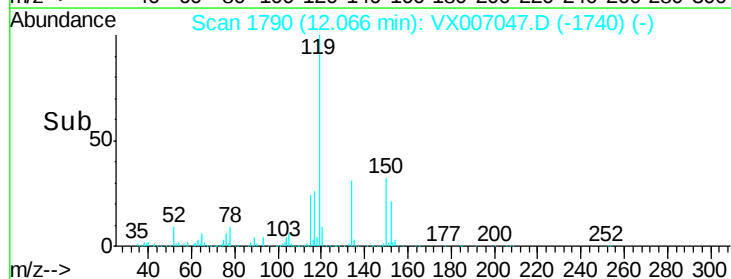
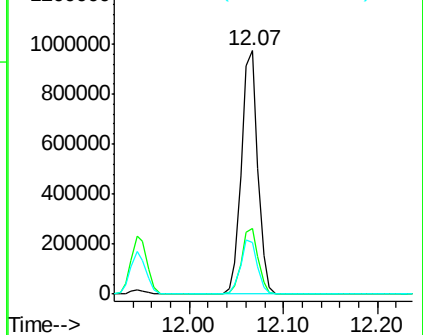
91 22.6 11.3 33.9

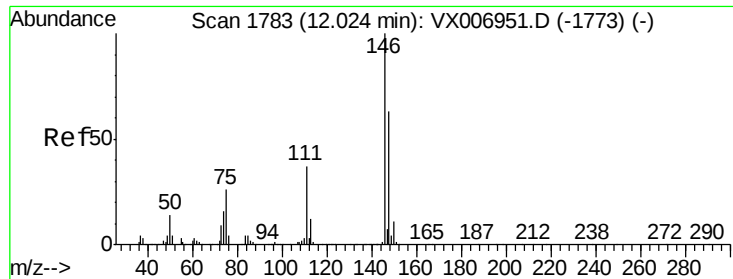


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





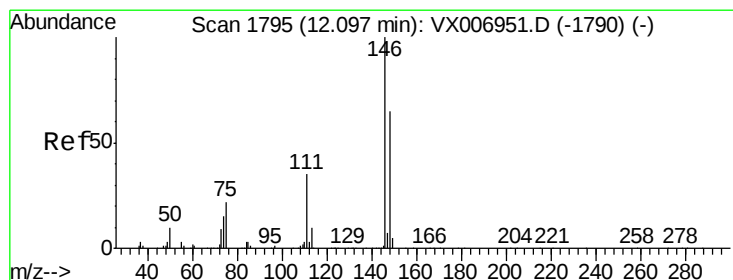
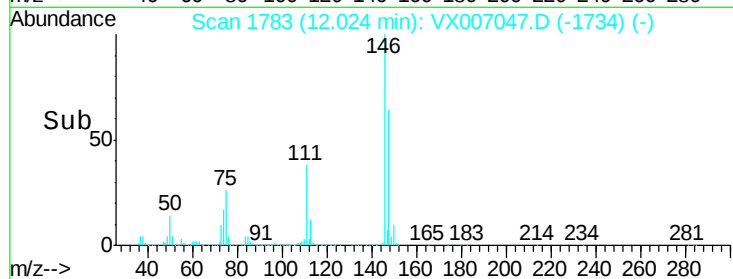
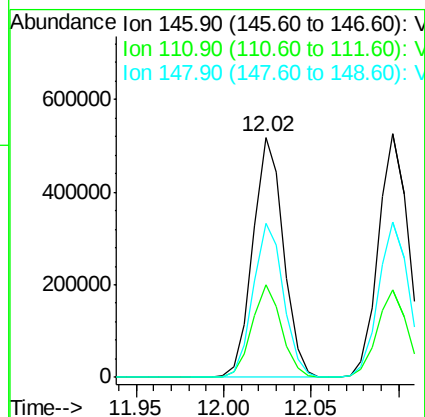
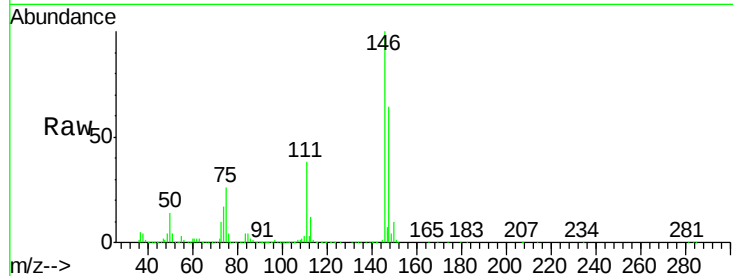
#87
 1,3-Dichlorobenzene
 Concen: 48.449 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.0	31.8	95.3

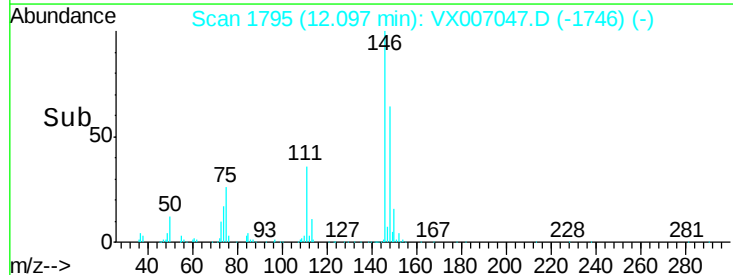
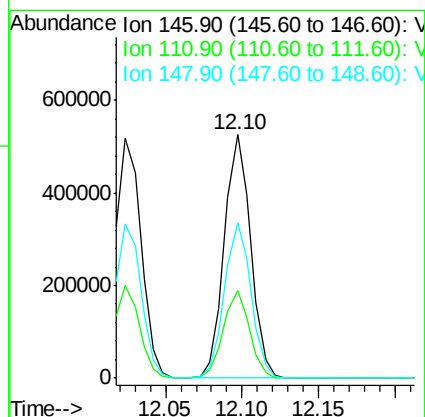
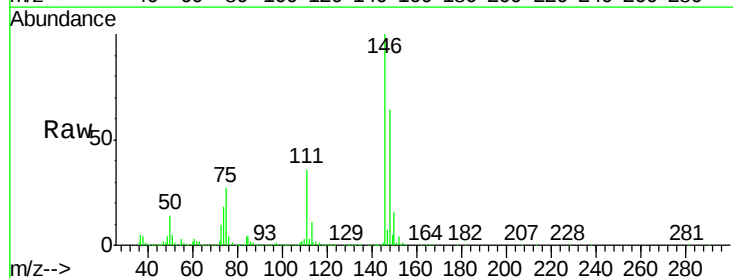
Manual Integrations
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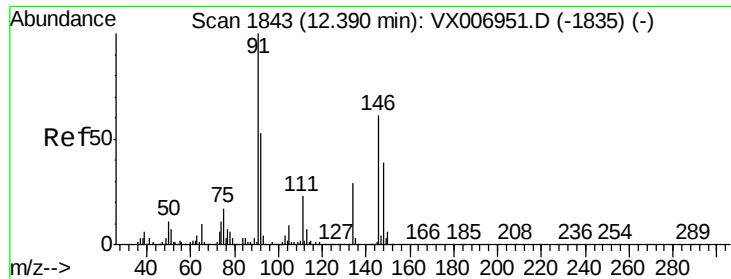
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#88
 1,4-Dichlorobenzene
 Concen: 51.117 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007047.D
 Acq: 14 Jan 2019 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.6	31.9	95.9





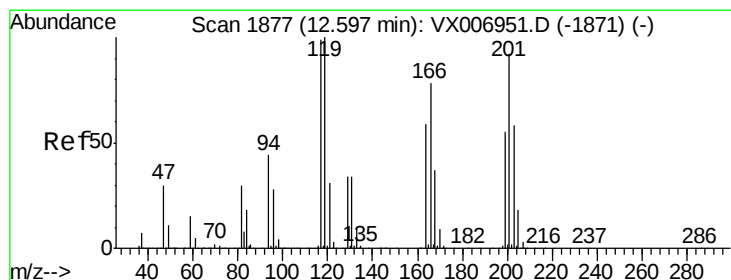
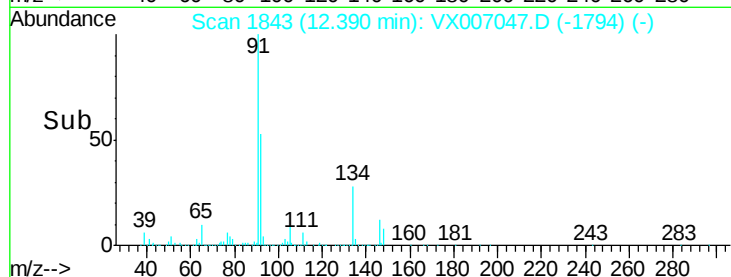
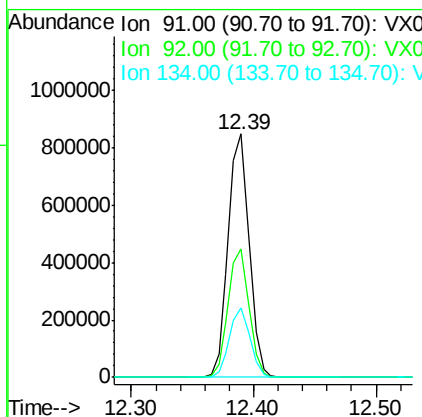
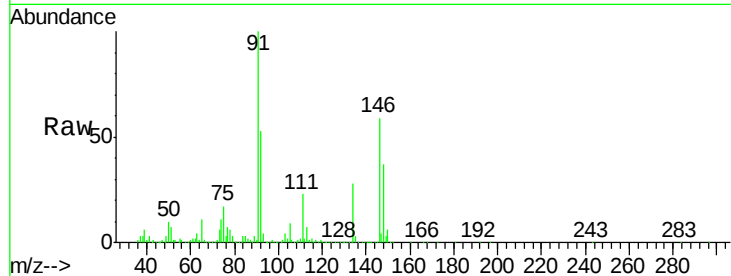
#89
n-Butylbenzene
Concen: 50.848 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1006498
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 28.0 14.4 43.2

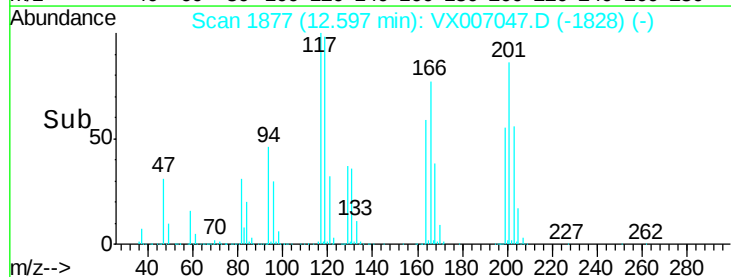
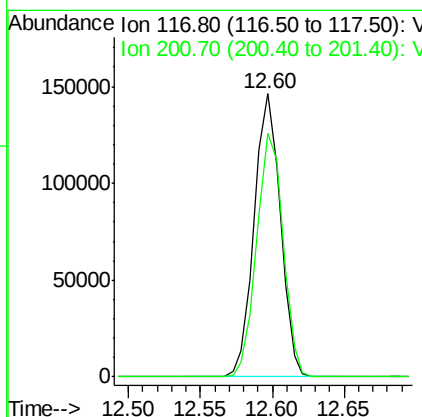
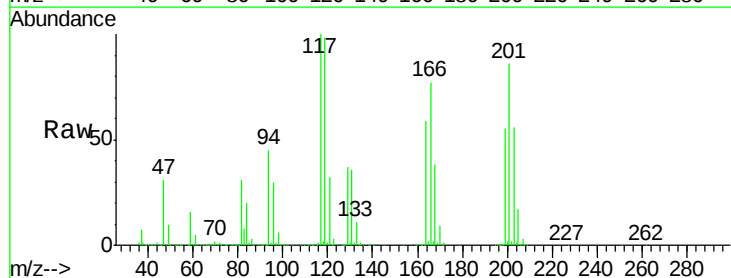
Manual Integrations
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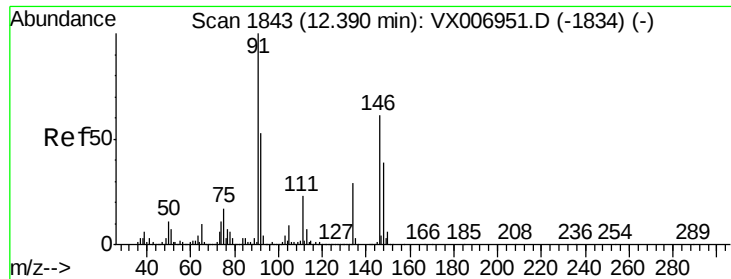
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#90
Hexachloroethane
Concen: 49.355 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007047.D
Acq: 14 Jan 2019 18:42

Tgt Ion: 117 Resp: 182807
Ion Ratio Lower Upper
117 100
201 87.2 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.582 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

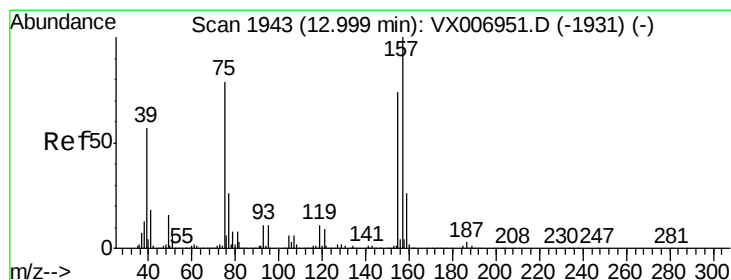
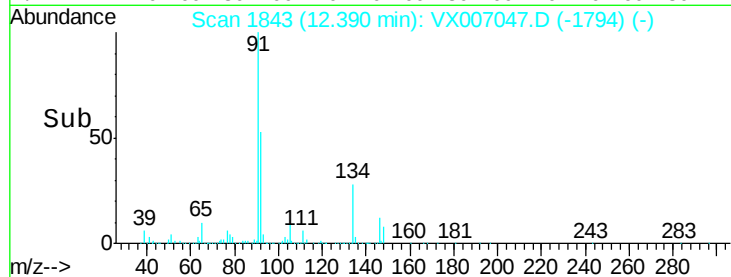
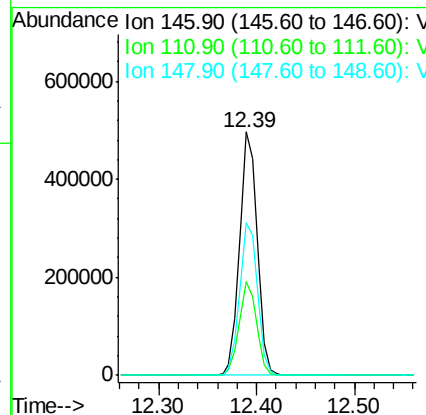
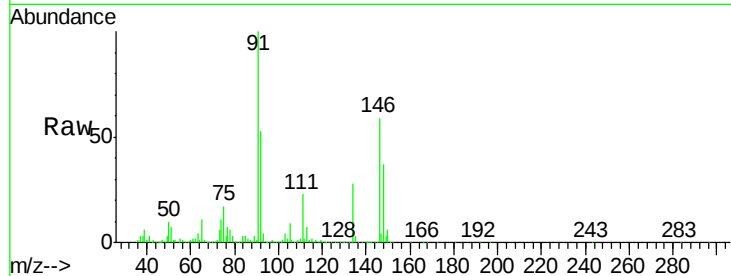
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	622552
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.4	58.2
148	63.6	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.326 ug/l

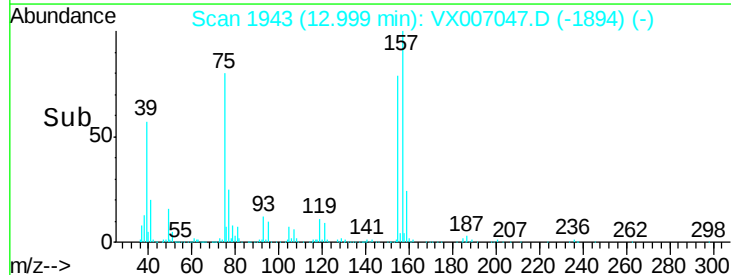
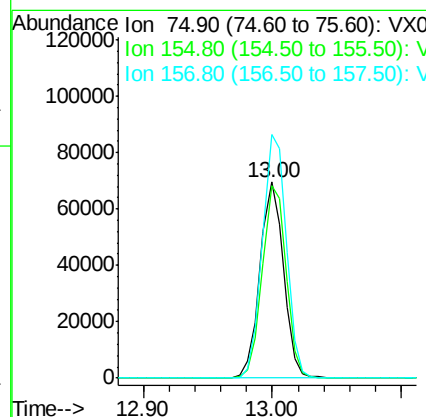
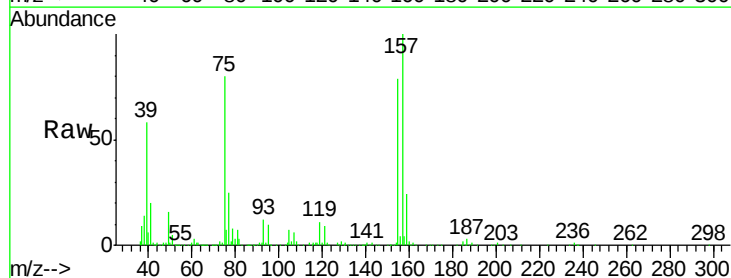
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	75	Resp:	87298
Ion Ratio	Lower	Upper	
75	100		
155	99.2	50.6	151.8
157	126.8	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 49.295 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

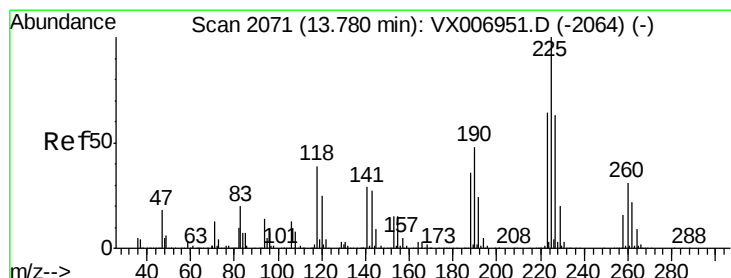
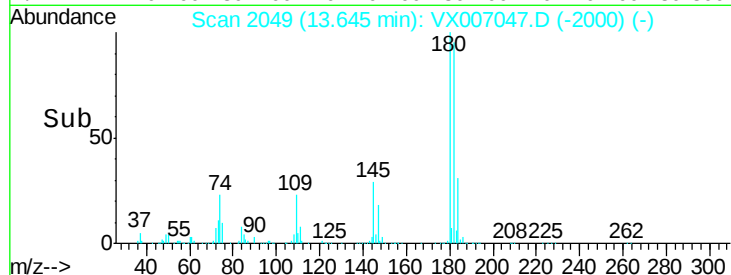
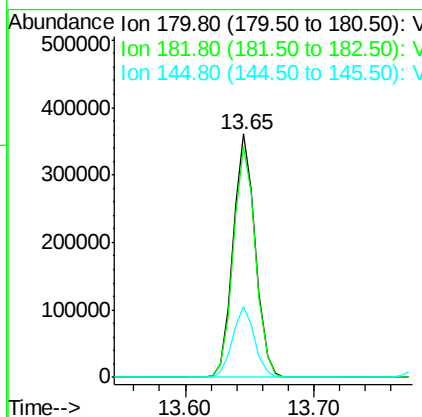
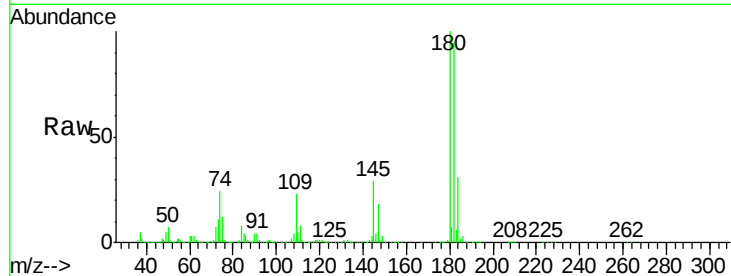
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	433384
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	142.0
145	29.0	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 51.308 ug/l

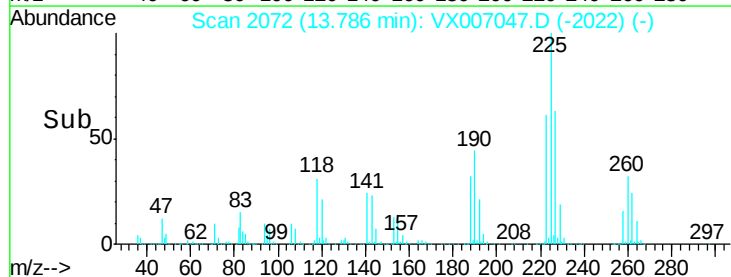
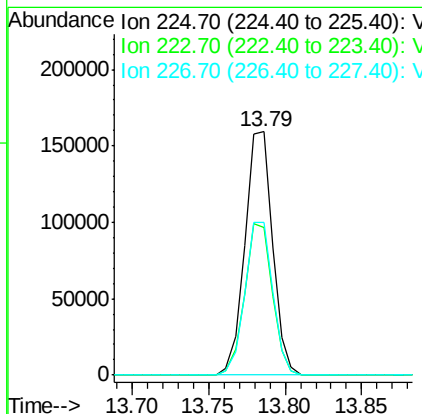
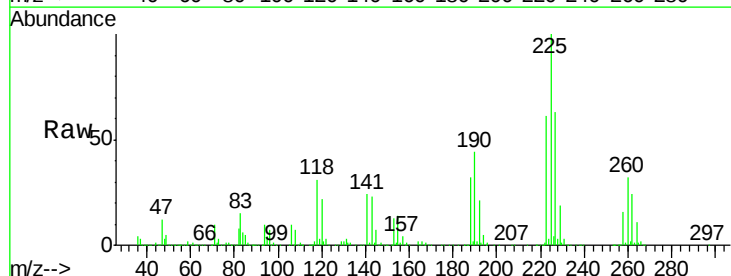
RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Tgt Ion:	225	Resp:	200173
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.1	96.3
227	63.1	32.3	96.8





#95

Naphthalene

Concen: 49.976 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1331385

Ion Ratio Lower Upper

128 100

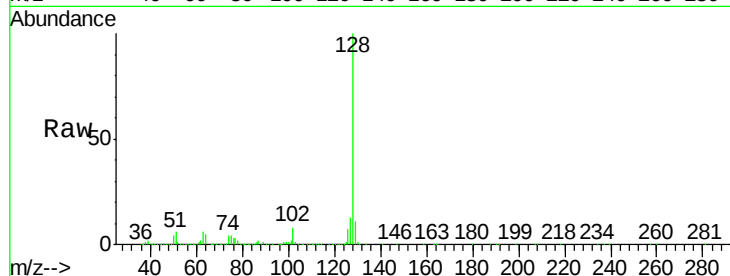
127 13.0 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

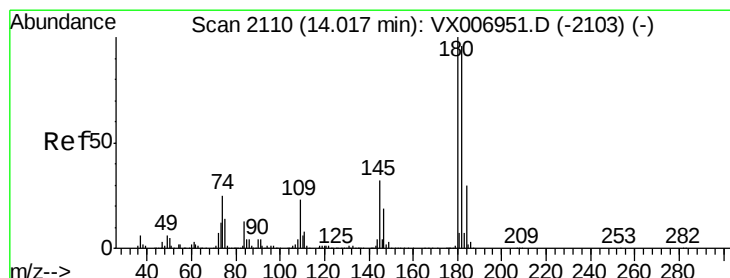
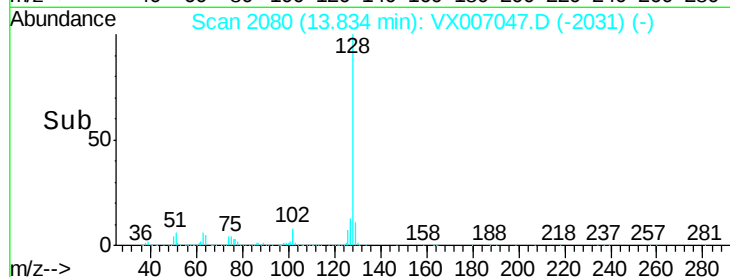
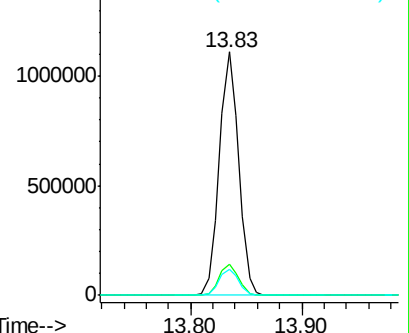
1/15/2019 11:13:12 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.413 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX007047.D

Acq: 14 Jan 2019 18:42

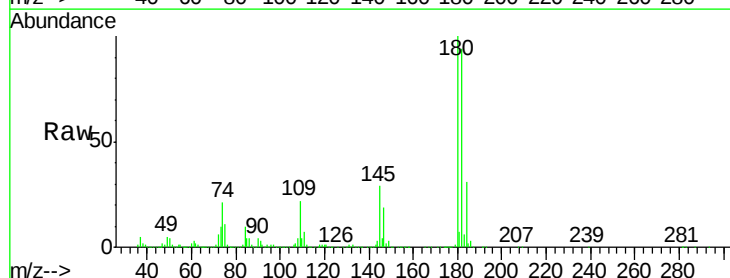
Tgt Ion:180 Resp: 431546

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.5

145 30.1 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

