

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012419\
 Data File : VX007214.D
 Acq On : 24 Jan 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:31:15 AM

Quant Time: Jan 25 03:02:39 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	447300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	674594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	617231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	241412	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	5.50	113	218696	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.71	98	802566	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	285919	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168732	45.936	ug/l	99
3) Chloromethane	1.33	50	193651	45.287	ug/l	98
4) Vinyl Chloride	1.41	62	213177	46.345	ug/l	98
5) Bromomethane	1.64	94	212339	43.207	ug/l	99
6) Chloroethane	1.71	64	145680	45.358	ug/l	99
7) Trichlorofluoromethane	1.92	101	362928	48.832	ug/l	97
8) Diethyl Ether	2.19	74	145103	49.073	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213604	48.005	ug/l	99
10) Methyl Iodide	2.51	142	322556	53.740	ug/l	99
11) Tert butyl alcohol	3.09	59	275713	250.029	ug/l	99
12) 1,1-Dichloroethene	2.37	96	194823	47.390	ug/l	98
13) Acrolein	2.30	56	143897	301.919	ug/l	96
14) Allyl chloride	2.73	41	349098	49.549	ug/l	99
15) Acrylonitrile	3.15	53	669679	264.543	ug/l	99
16) Acetone	2.45	43	577103	249.719	ug/l	100
17) Carbon Disulfide	2.57	76	410685	38.802	ug/l	99
18) Methyl Acetate	2.78	43	404841	60.491	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	739183	51.804	ug/l	99
20) Methylene Chloride	2.85	84	233211	53.091	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	208569	45.526	ug/l	98
22) Diisopropyl ether	3.87	45	678061	51.192	ug/l	94
23) Vinyl Acetate	3.82	43	2817289	252.214	ug/l	99
24) 1,1-Dichloroethane	3.70	63	370726	50.055	ug/l	99
25) 2-Butanone	4.70	43	856249	258.943	ug/l	99
26) 2,2-Dichloropropane	4.59	77	252264	44.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	244524	48.389	ug/l	98
28) Bromochloromethane	5.02	49	163457	50.372	ug/l	96
29) Tetrahydrofuran	5.15	42	556162	258.806	ug/l	98
30) Chloroform	5.21	83	402723	51.934	ug/l	99
31) Cyclohexane	5.57	56	299659	45.458	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334067	50.826	ug/l	98
36) 1,1-Dichloropropene	5.80	75	274274	46.764	ug/l	99
37) Ethyl Acetate	4.86	43	321931	51.199	ug/l	98
38) Carbon Tetrachloride	5.78	117	290933	49.303	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328736	43.966	ug/l	97
40) Benzene	6.15	78	867618	48.481	ug/l	100
41) Methacrylonitrile	5.06	41	180356	49.790	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302431	48.904	ug/l	100
43) Isopropyl Acetate	6.46	43	516350	52.061	ug/l	98
44) Trichloroethene	7.21	130	247946	46.235	ug/l	98
45) 1,2-Dichloropropane	7.52	63	221419	49.214	ug/l	99
46) Dibromomethane	7.66	93	158719	50.196	ug/l	97
47) Bromodichloromethane	7.90	83	286848	53.296	ug/l	99
48) Methyl methacrylate	7.77	41	264889	52.006	ug/l	95
49) 1,4-Dioxane	7.75	88	115945	996.770	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1706865	267.783	ug/l	99
52) Toluene	8.79	92	565609	49.173	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	311469	52.189	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	342335	51.941	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246991	53.647	ug/l	97
56) Ethyl methacrylate	9.18	69	353151	52.543	ug/l	95
57) 1,3-Dichloropropane	9.37	76	392282	52.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	876996	253.778	ug/l	98
59) 2-Hexanone	9.49	43	1280804	263.681	ug/l	99
60) Dibromochloromethane	9.59	129	252015	56.372	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262612	51.813	ug/l	99
64) Tetrachloroethene	9.34	164	242279	45.338	ug/l	97
65) Chlorobenzene	10.14	112	658689	48.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241955	53.427	ug/l	99
67) Ethyl Benzene	10.25	91	1073749	48.314	ug/l	99
68) m/p-Xylenes	10.36	106	844226	96.416	ug/l	99
69) o-Xylene	10.70	106	418522	49.011	ug/l	98
70) Styrene	10.71	104	677938	50.127	ug/l	99
71) Bromoform	10.86	173	190620	47.327	ug/l	99
73) Isopropylbenzene	11.02	105	1120572	50.074	ug/l	99
74) N-amyl acetate	10.90	43	464523	51.556	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	362047	50.961	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	328040m	51.008	ug/l	
77) Bromobenzene	11.26	156	300886	48.797	ug/l	100
78) n-propylbenzene	11.36	91	1222280	49.754	ug/l	100
79) 2-Chlorotoluene	11.42	91	722456	48.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911884	48.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96655	45.707	ug/l	100
82) 4-Chlorotoluene	11.51	91	843425	49.259	ug/l	100
83) tert-Butylbenzene	11.77	119	939000	50.331	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	931010	49.513	ug/l	100
85) sec-Butylbenzene	11.94	105	1107933	49.726	ug/l	100
86) p-Isopropyltoluene	12.07	119	1005735	50.465	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	535813	48.076	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	535073	50.669	ug/l	99
89) n-Butylbenzene	12.39	91	839219	49.397	ug/l	99
90) Hexachloroethane	12.60	117	158065	49.699	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	536424	48.772	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	75233	53.544	ug/l	97

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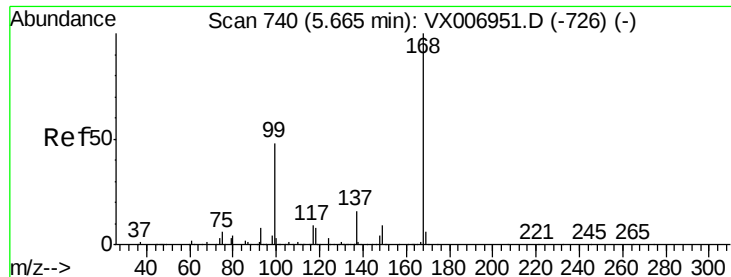
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373595	49.510	ug/l	100
94) Hexachlorobutadiene	13.78	225	176138	52.601	ug/l	98
95) Naphthalene	13.83	128	1175047	51.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	379090	50.573	ug/l	99

(#) = 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: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 447300

Ion Ratio Lower Upper

168 100

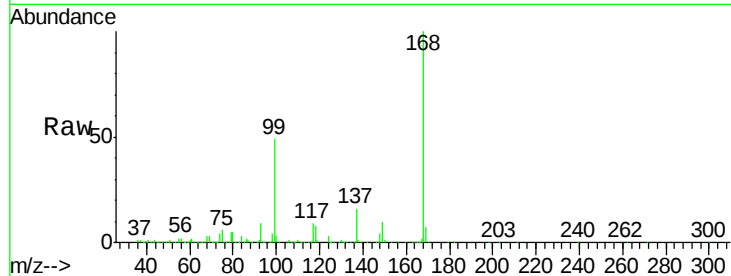
99 49.2 41.8 62.8

Manual Integrations

APPROVED

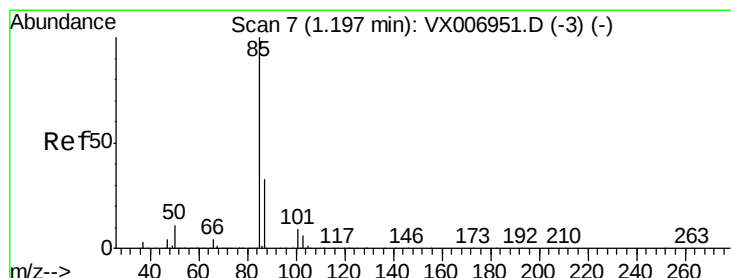
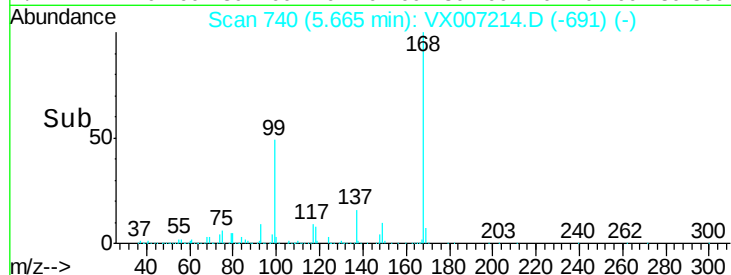
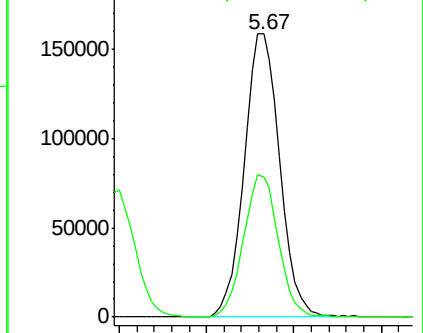
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.936 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007214.D

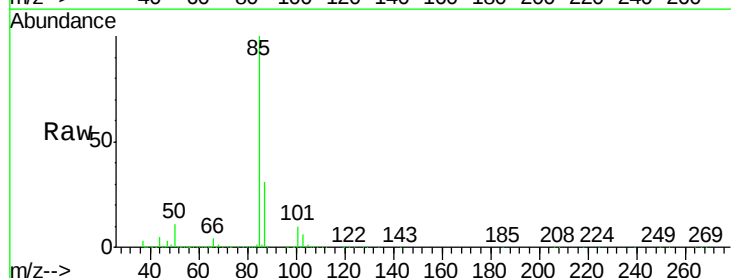
Acq: 24 Jan 2019 19:55

Tgt Ion: 85 Resp: 168732

Ion Ratio Lower Upper

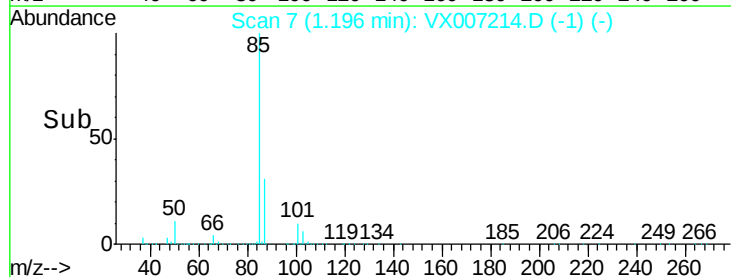
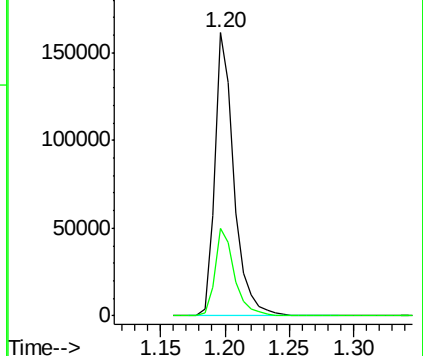
85 100

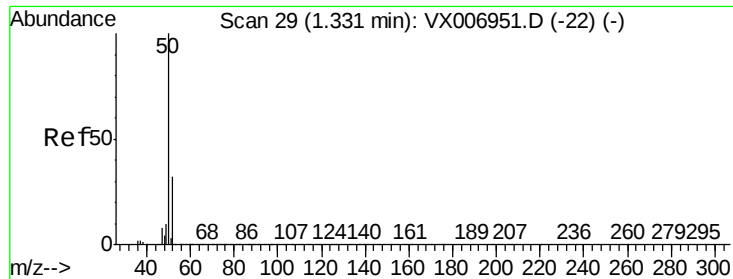
87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.287 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 193651

Ion Ratio Lower Upper

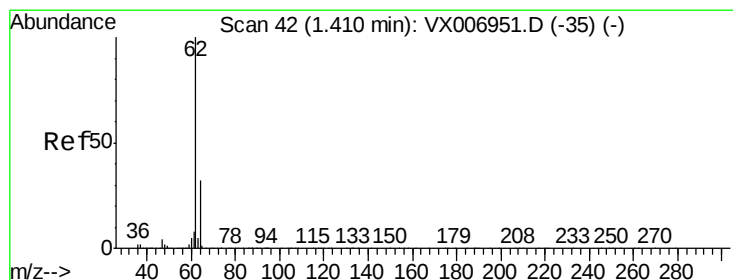
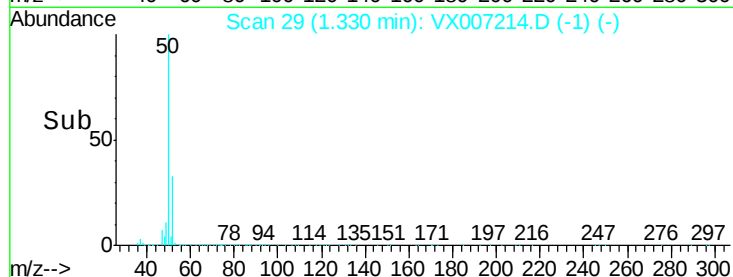
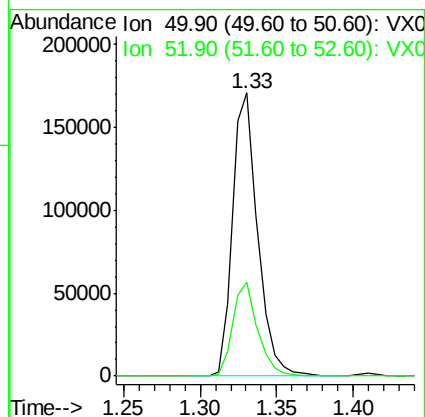
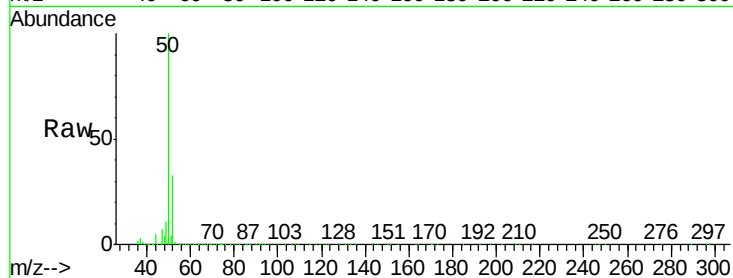
50 100

52 33.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 46.345 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007214.D

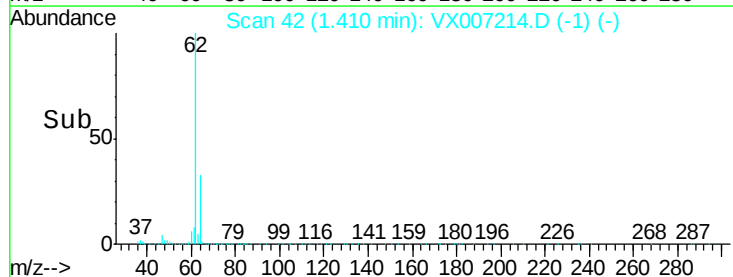
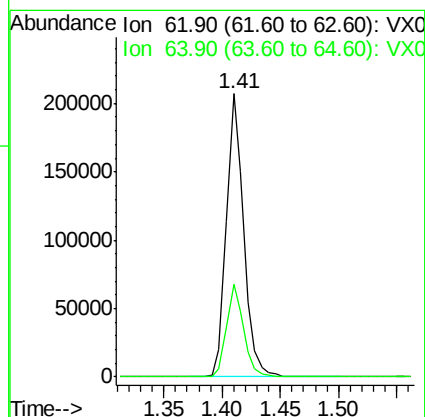
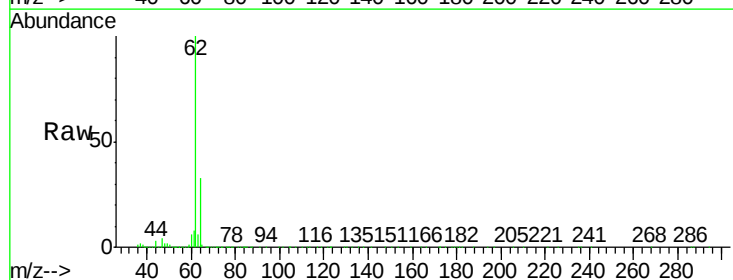
Acq: 24 Jan 2019 19:55

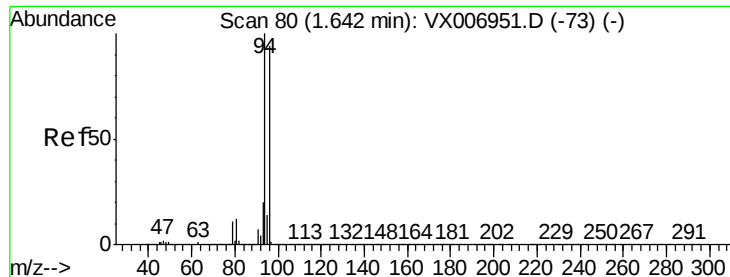
Tgt Ion: 62 Resp: 213177

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 43.207 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 212339

Ion Ratio Lower Upper

94 100

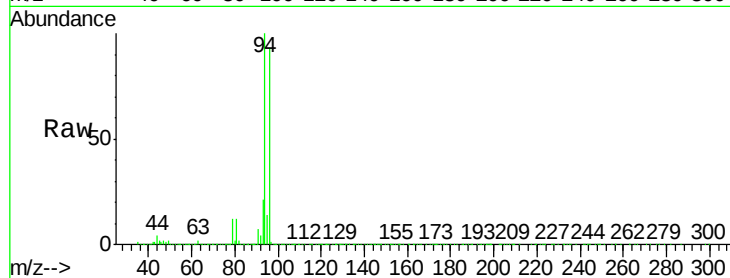
96 93.1 73.4 110.2

Manual Integrations

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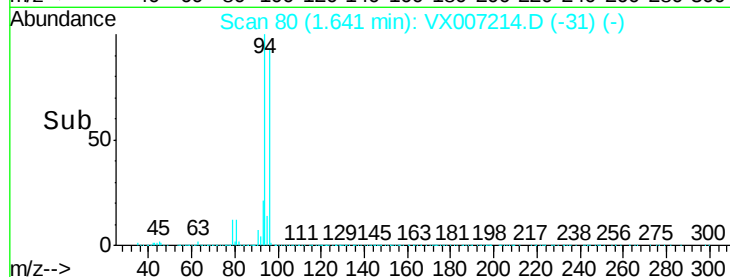
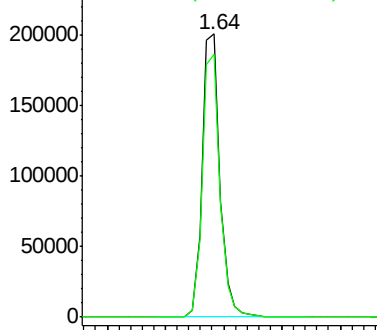
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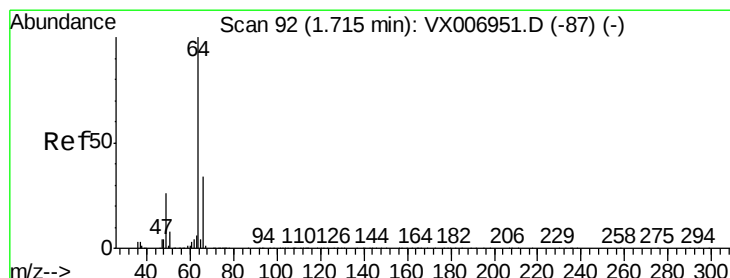


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 45.358 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007214.D

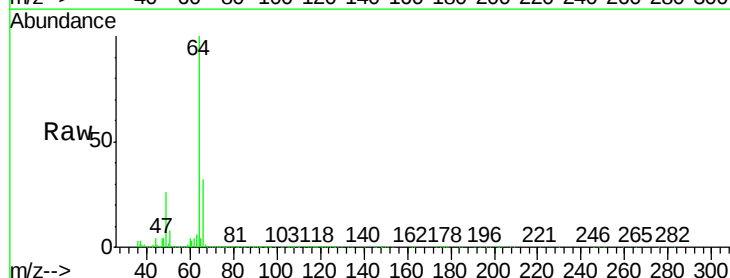
Acq: 24 Jan 2019 19:55

Tgt Ion: 64 Resp: 145680

Ion Ratio Lower Upper

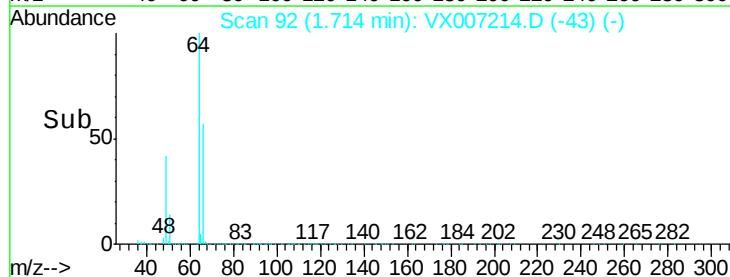
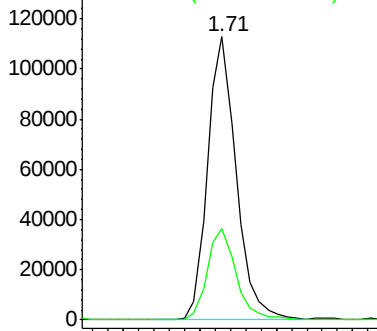
64 100

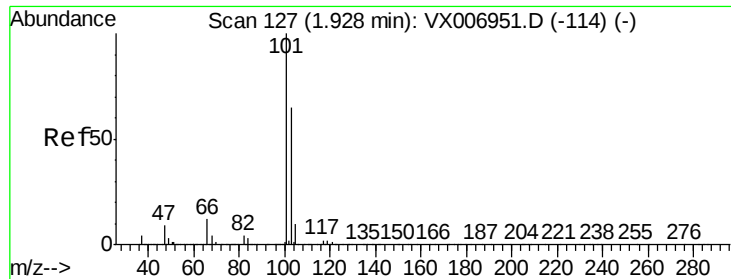
66 32.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

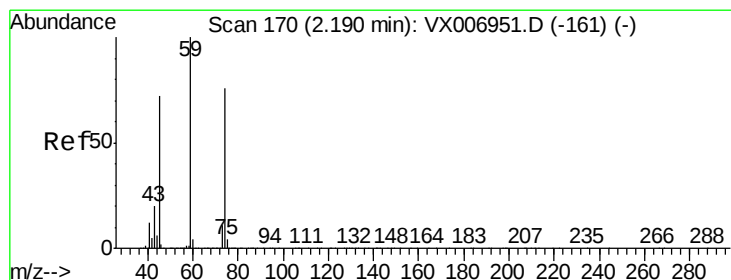
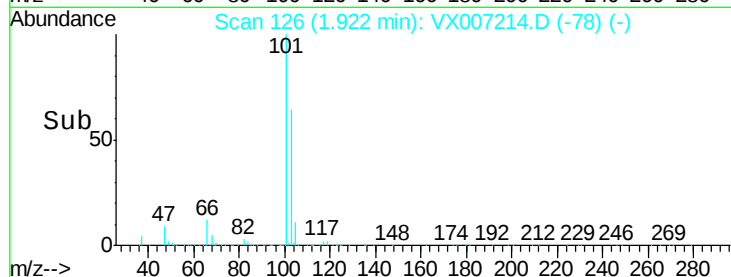
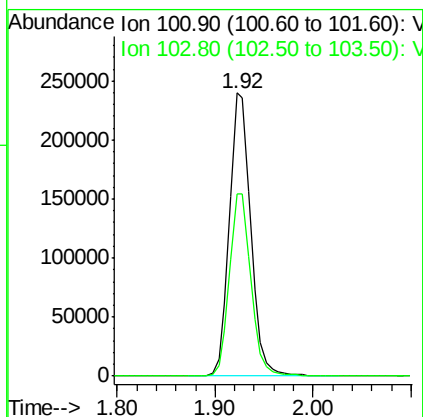
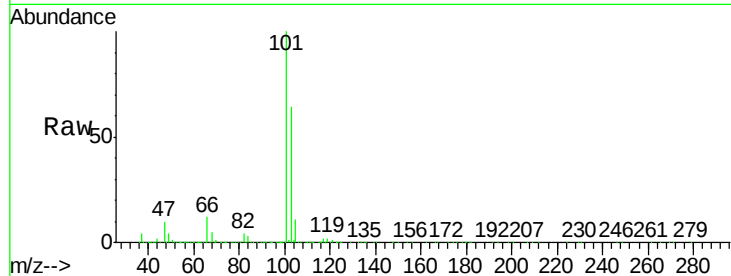
Trichlorofluoromethane
Concen: 48.832 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.2	79.8

Manual Integrations
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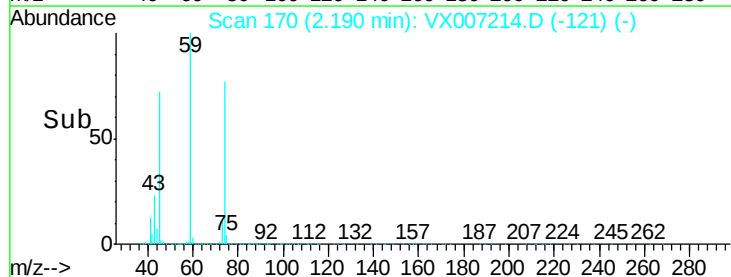
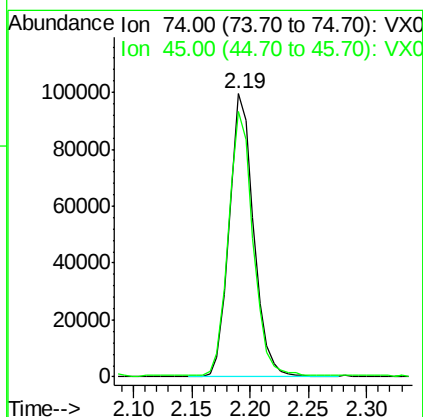
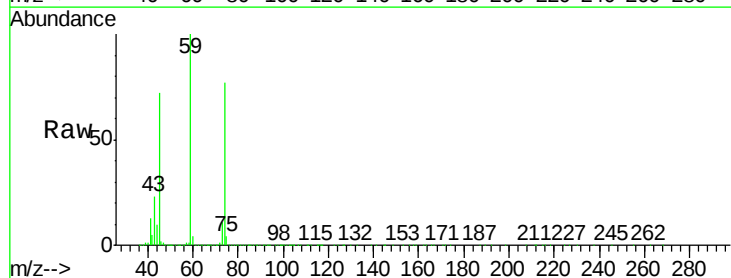
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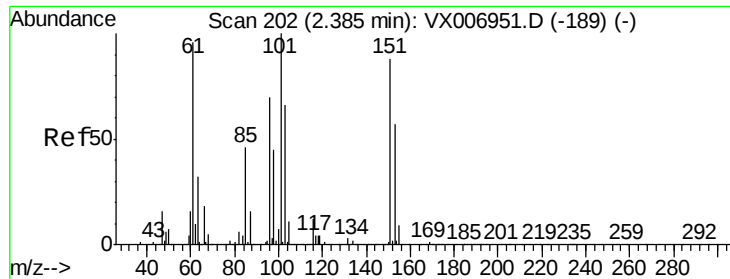


#8

Diethyl Ether
Concen: 49.073 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.005 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

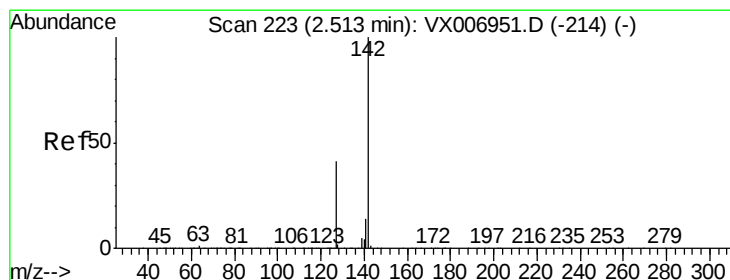
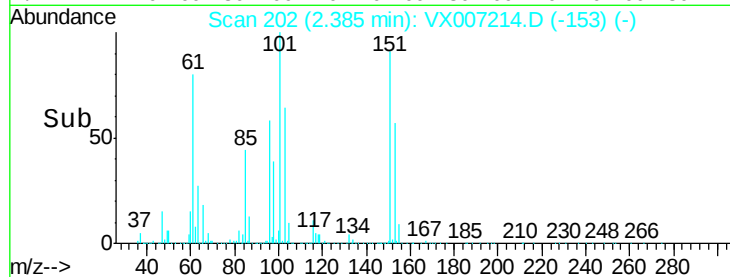
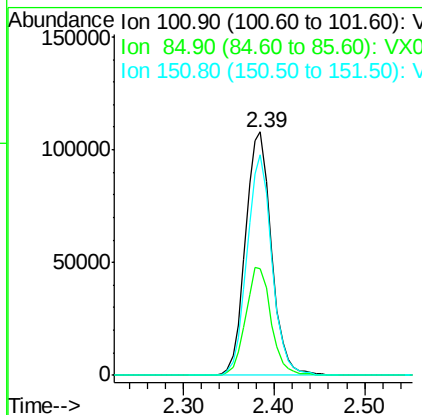
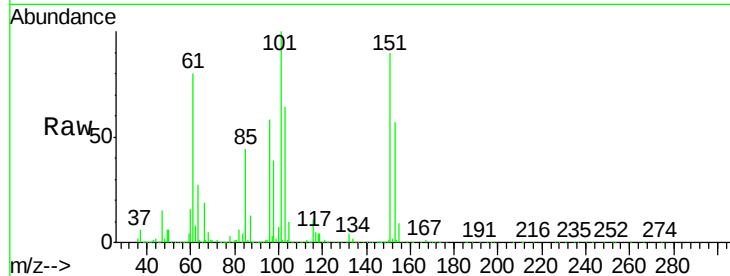
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	213604
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.1	52.7
151	87.0	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 53.740 ug/l

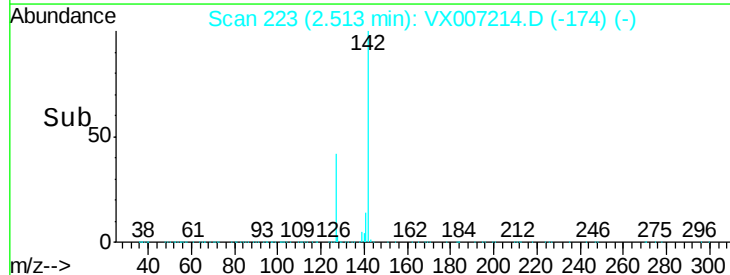
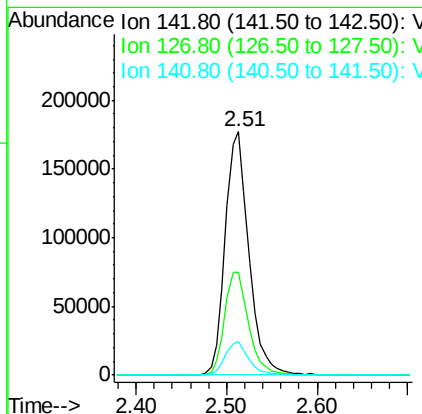
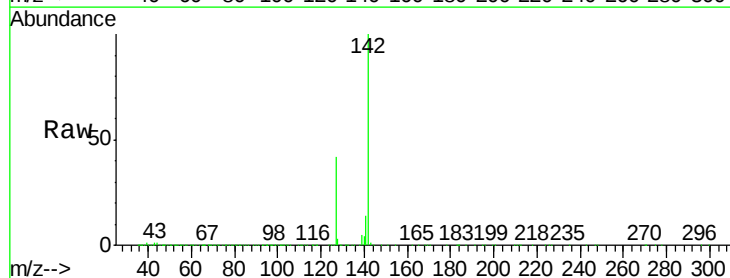
RT: 2.51 min Scan# 223

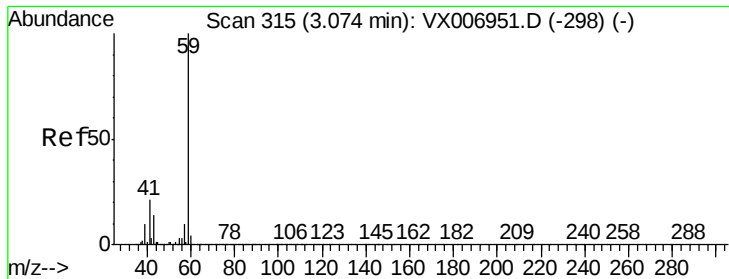
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	142	Resp:	322556
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.9	50.9
141	13.8	11.4	17.0





#11

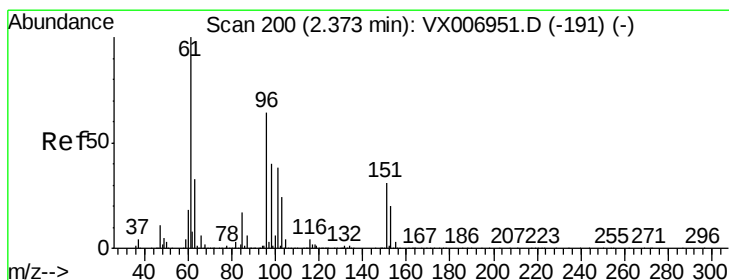
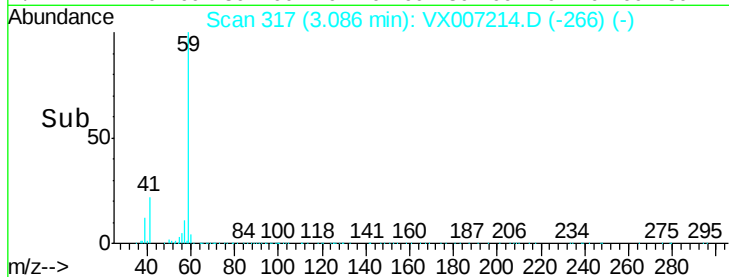
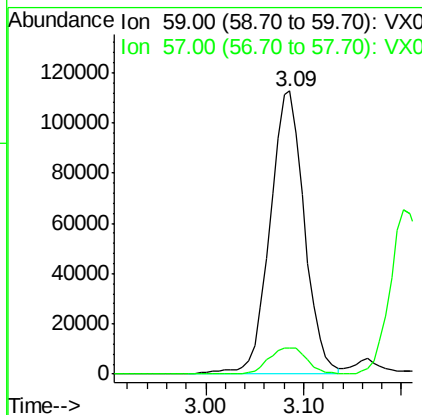
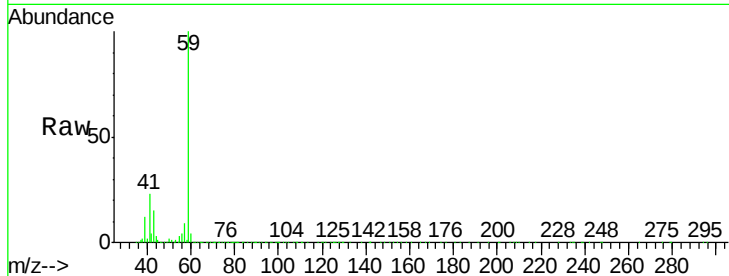
Tert butyl alcohol
Concen: 250.029 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

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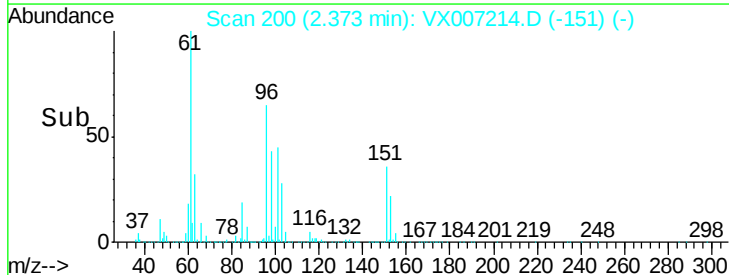
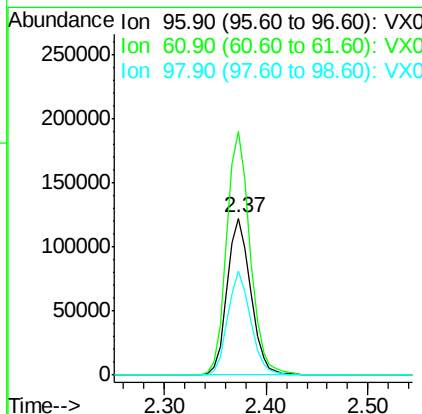
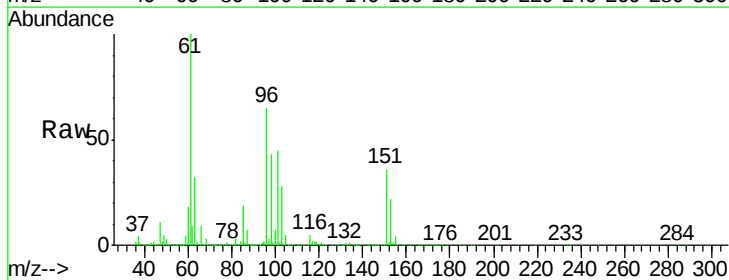
MMDadoda
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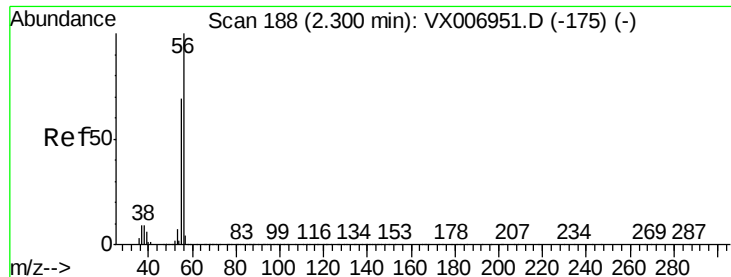


#12

1,1-Dichloroethene
Concen: 47.390 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	121.4	182.2
98	66.0	51.9	77.9





#13

Acrolein

Concen: 301.919 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 143897

Ion Ratio Lower Upper

56 100

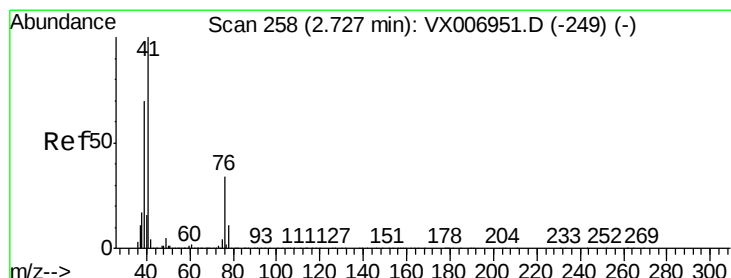
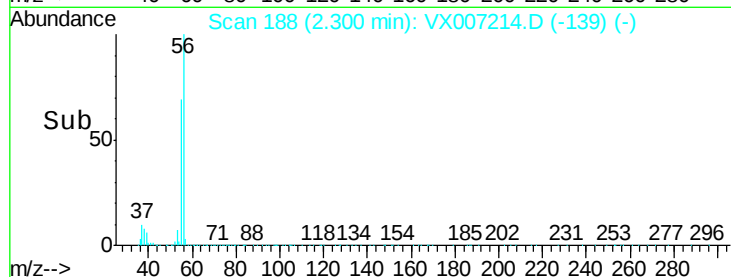
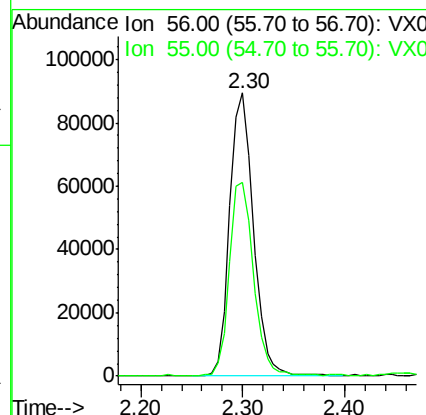
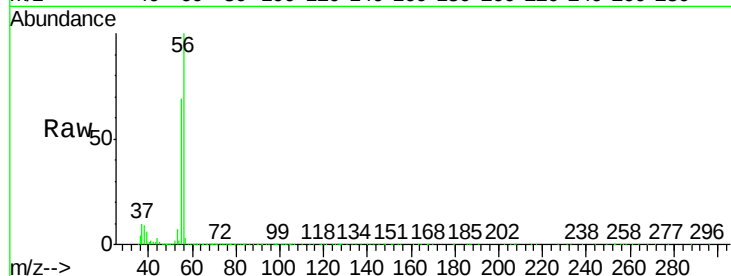
55 69.6 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.549 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

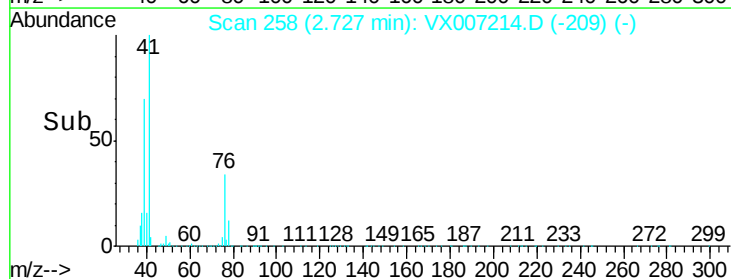
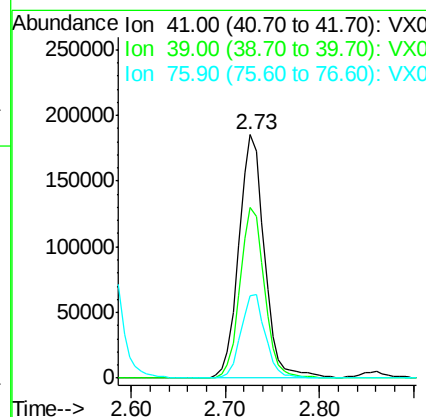
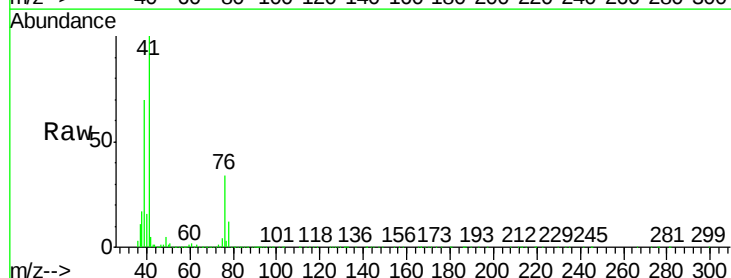
Tgt Ion: 41 Resp: 349098

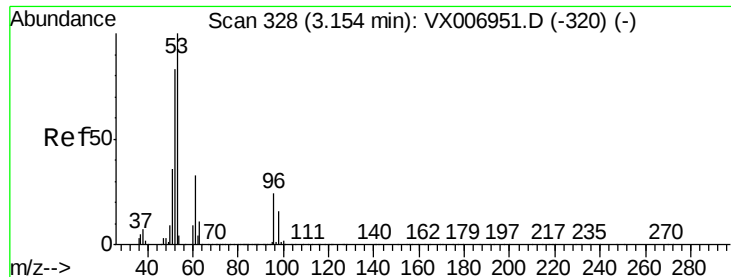
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 32.9 27.4 41.2





#15

Acrylonitrile

Concen: 264.543 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

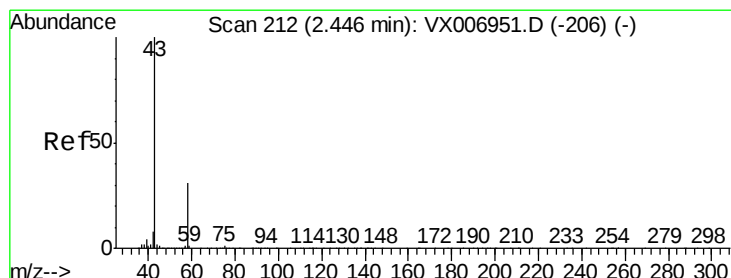
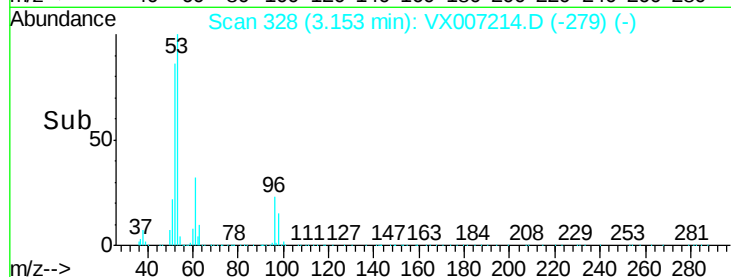
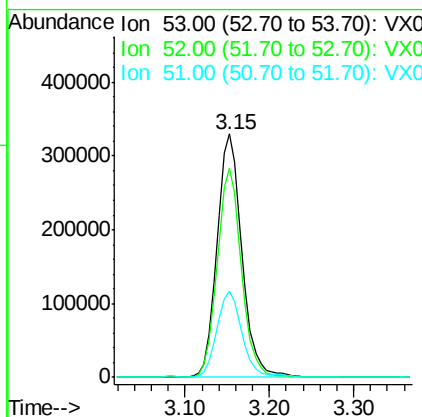
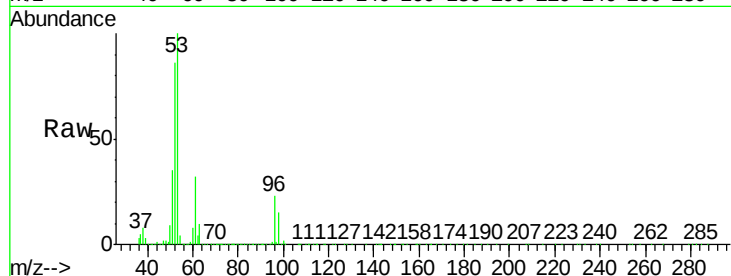
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	669679
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.0	99.0
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 249.719 ug/l

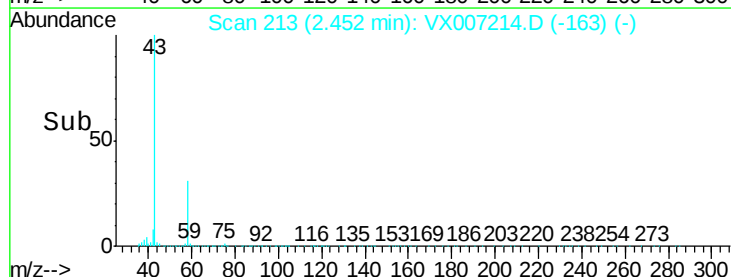
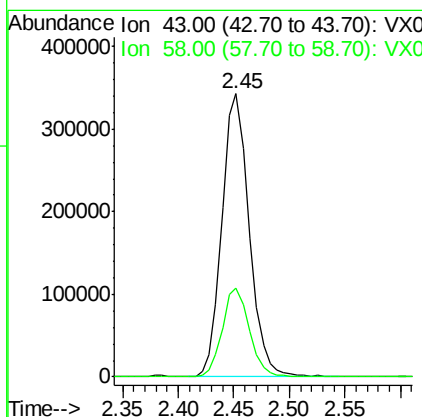
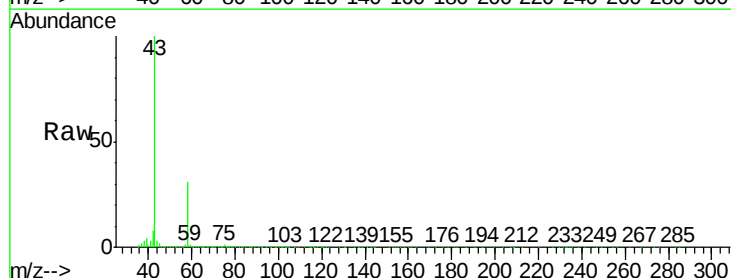
RT: 2.45 min Scan# 213

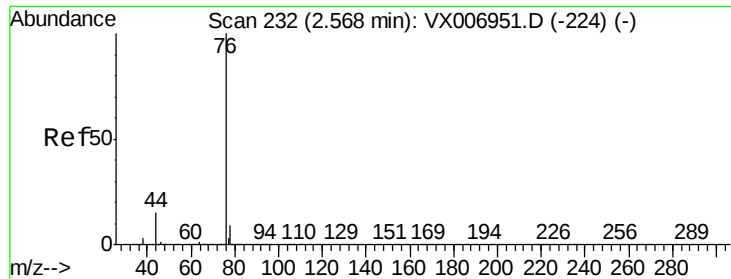
Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	43	Resp:	577103
Ion Ratio		Lower	Upper
43	100		
58	31.5	25.0	37.6





#17

Carbon Disulfide

Concen: 38.802 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 410685

Ion Ratio Lower Upper

76 100

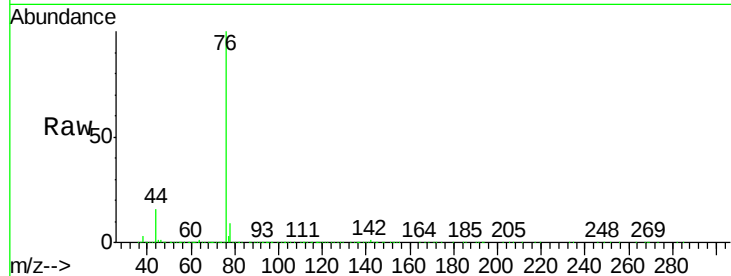
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

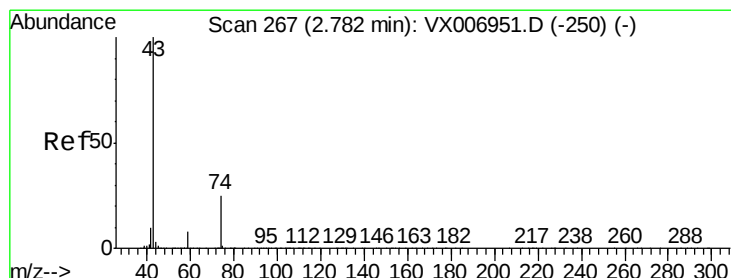
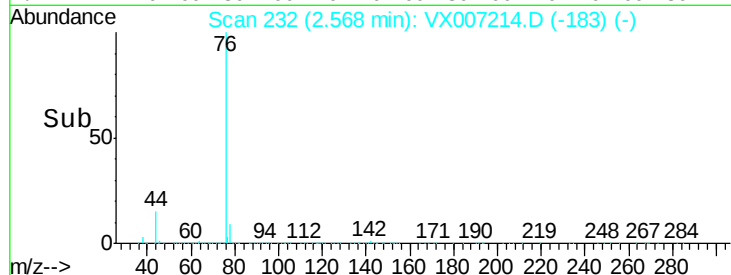
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 60.491 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007214.D

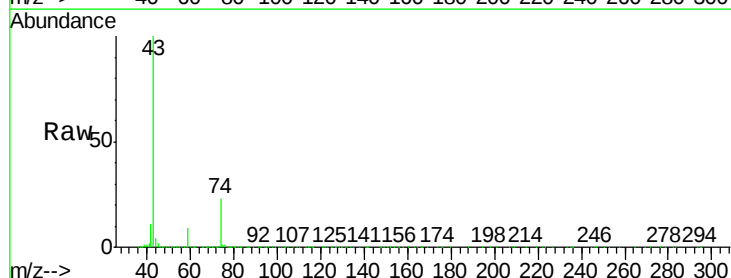
Acq: 24 Jan 2019 19:55

Tgt Ion: 43 Resp: 404841

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

250000

200000

150000

100000

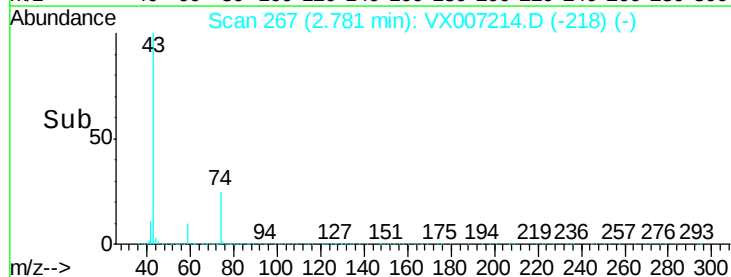
50000

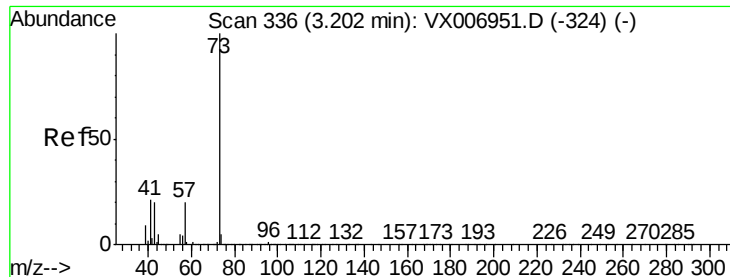
0

2.70

2.80

Time-->





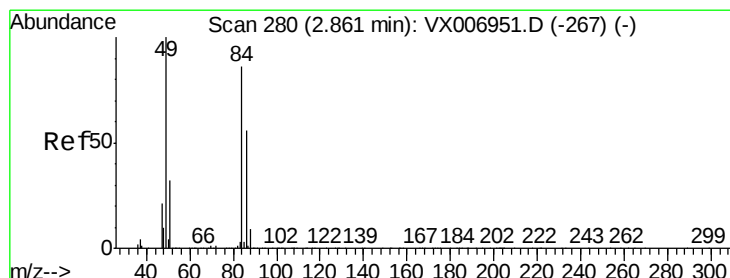
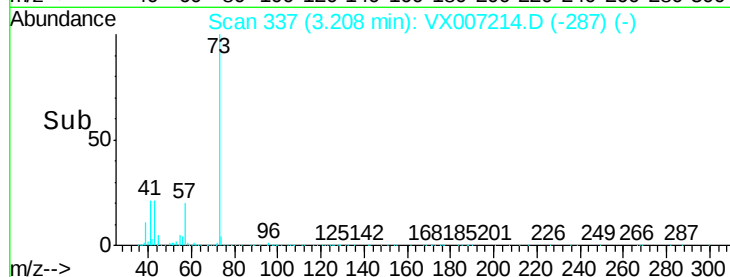
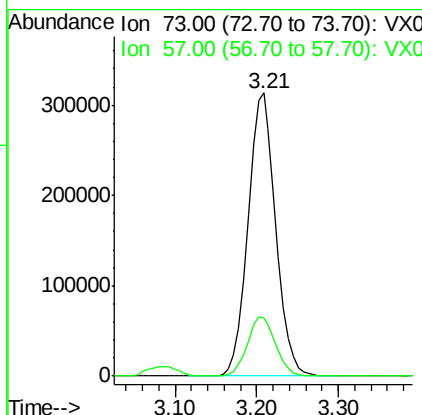
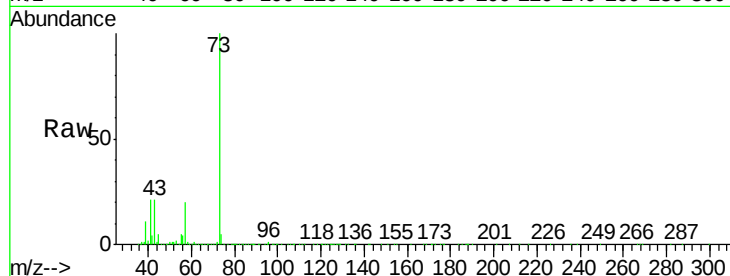
#19
Methvl tert-butvl Ether
Concen: 51.804 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.8	25.2

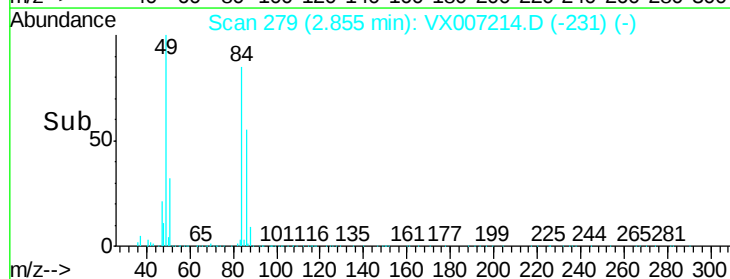
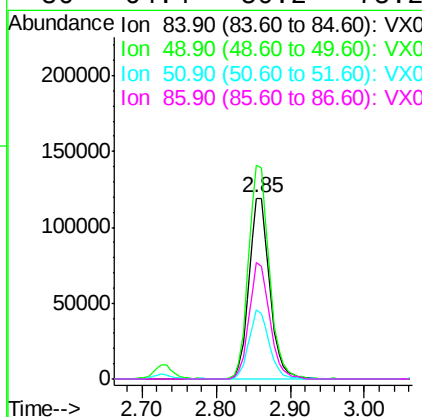
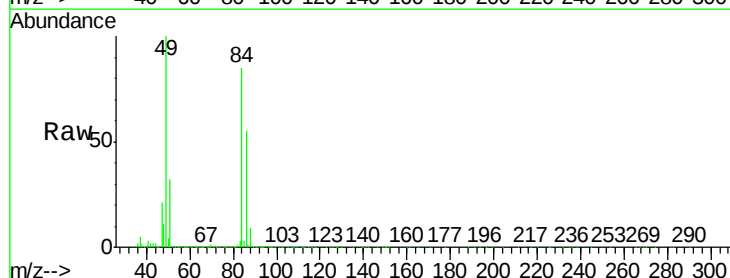
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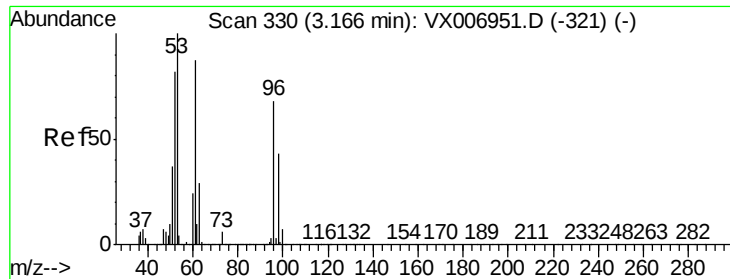
MMDadoda
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#20
Methylene Chloride
Concen: 53.091 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	91.8	137.6
51	37.6	28.5	42.7
86	64.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 45.526 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

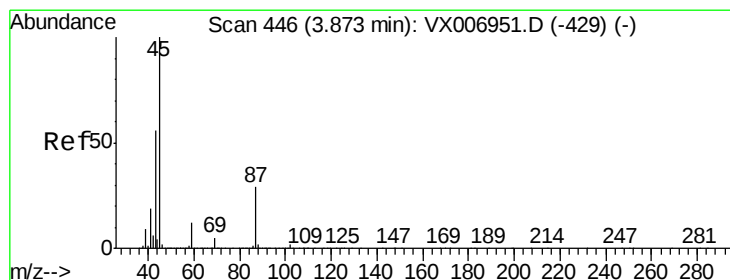
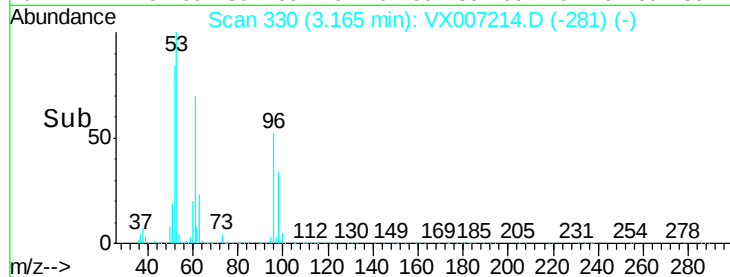
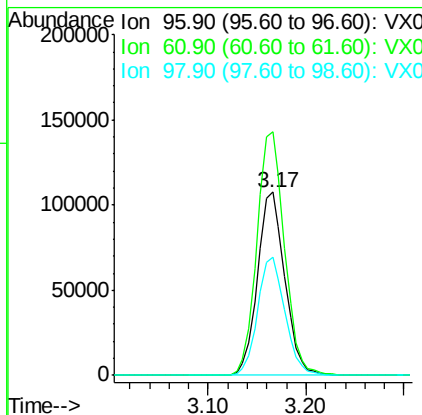
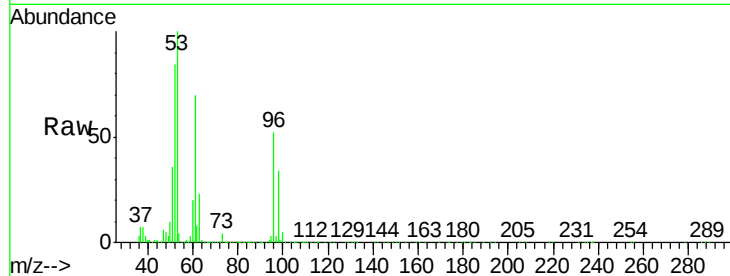
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	208569
Ion Ratio	Lower	Upper	
96	100		
61	132.7	103.7	155.5
98	64.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 51.192 ug/l

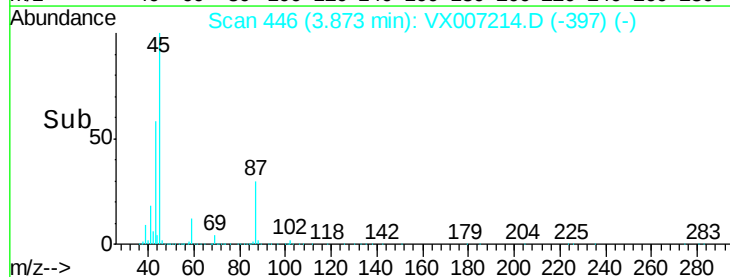
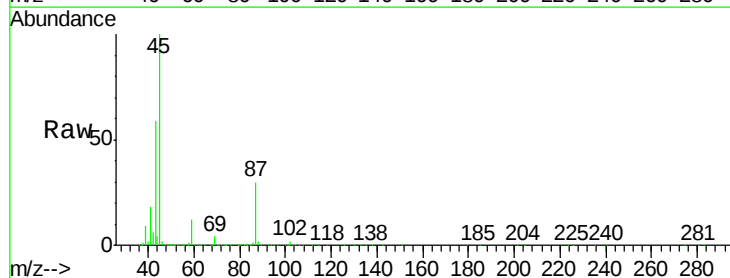
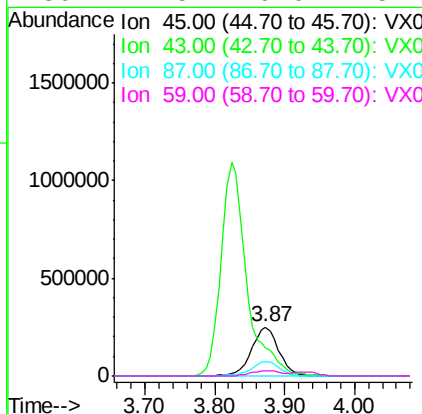
RT: 3.87 min Scan# 446

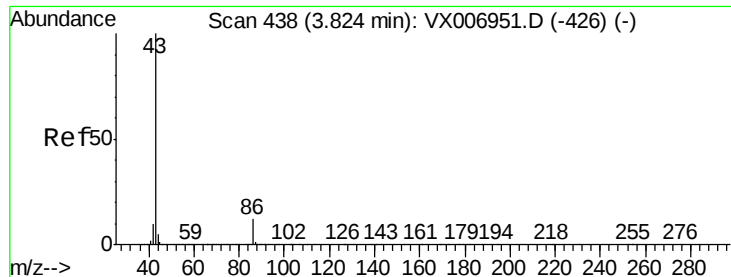
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	45	Resp:	678061
Ion Ratio	Lower	Upper	
45	100		
43	58.4	51.2	76.8
87	29.9	25.8	38.6
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 252.214 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2817289

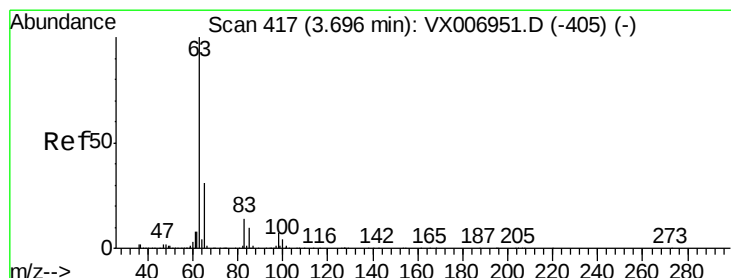
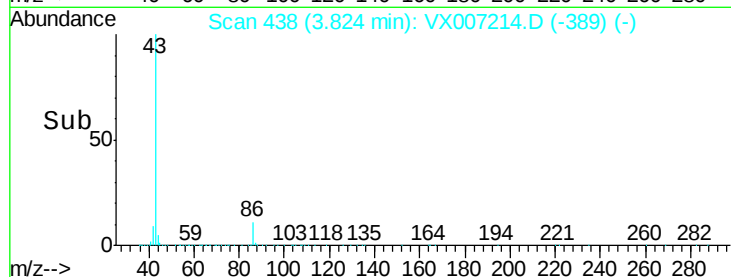
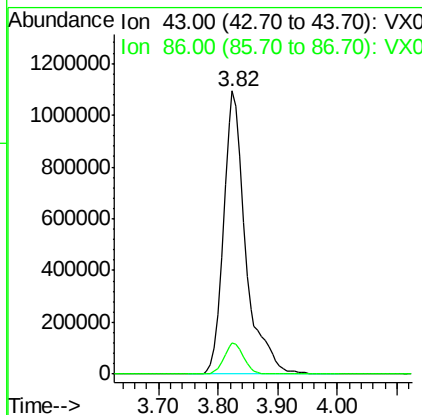
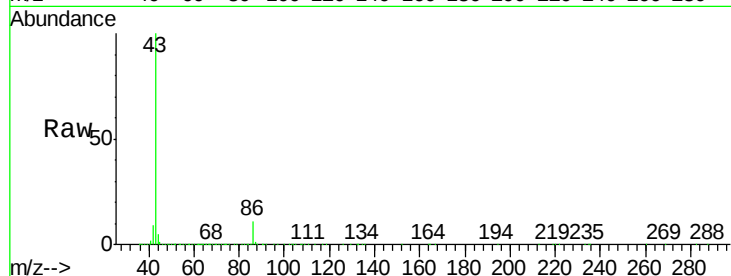
Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 50.055 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

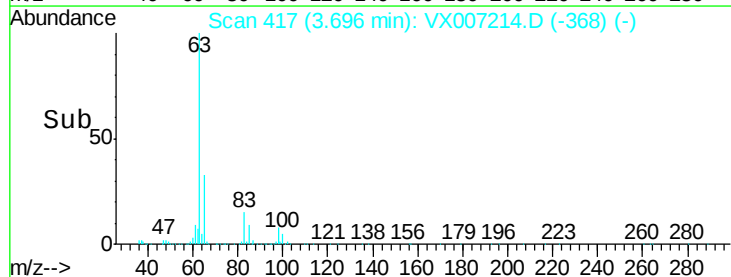
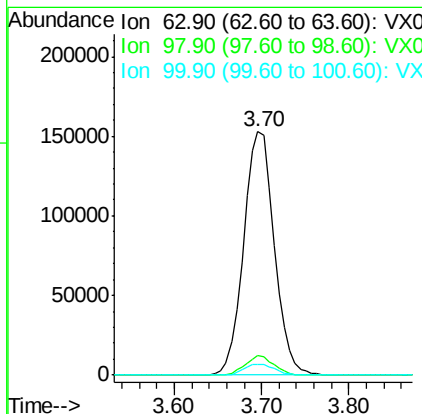
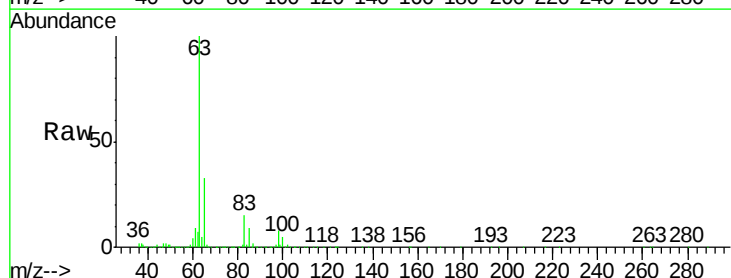
Tgt Ion: 63 Resp: 370726

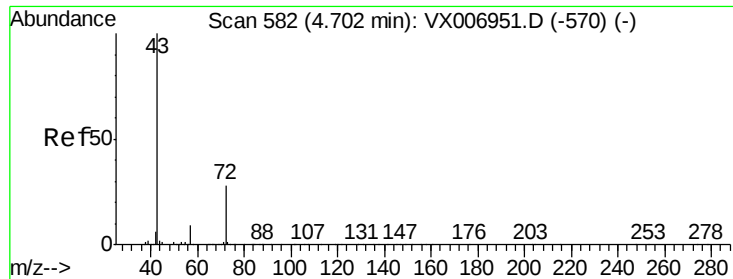
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 258.943 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tot Ion: 43 Resp: 856249

Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

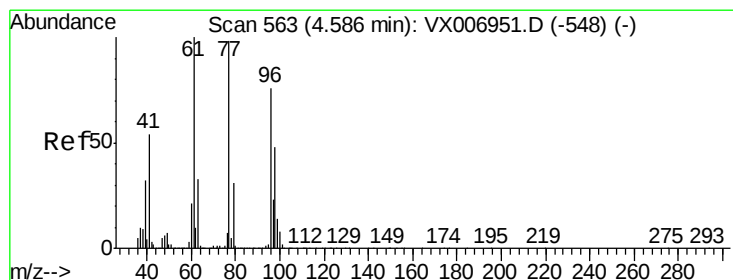
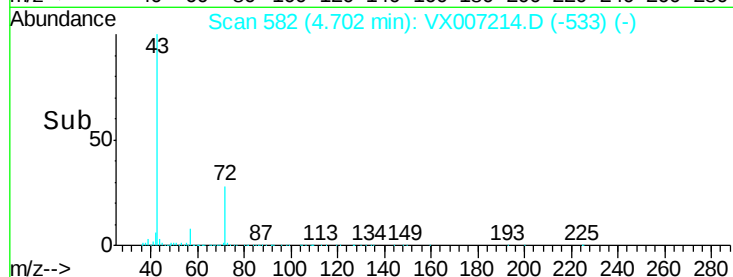
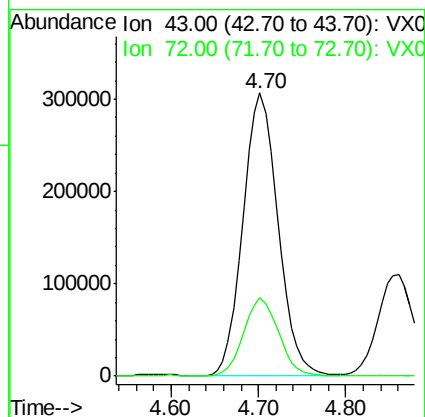
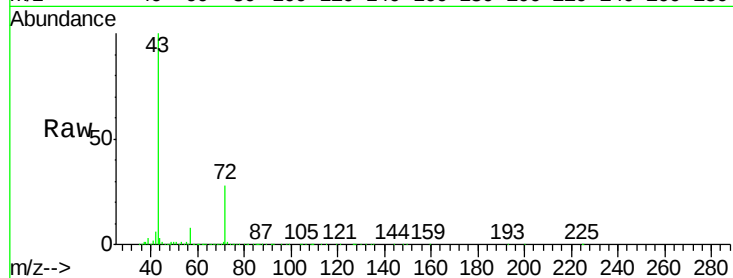
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.294 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007214.D

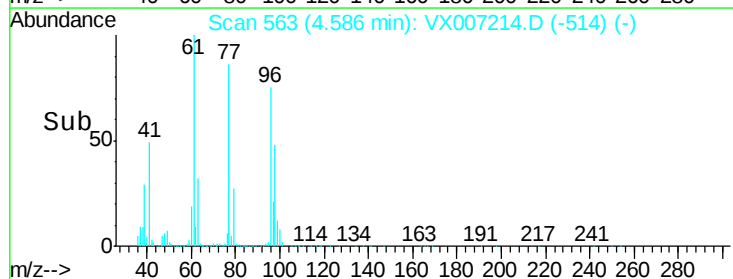
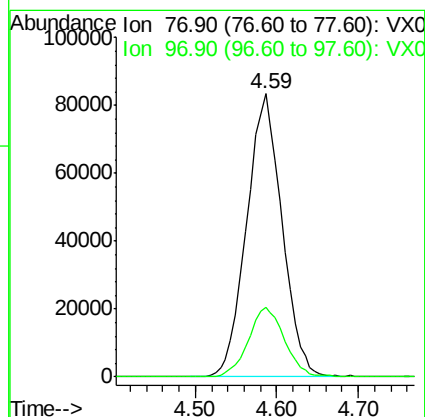
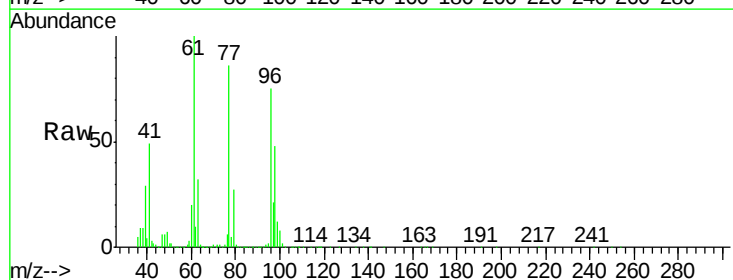
Acq: 24 Jan 2019 19:55

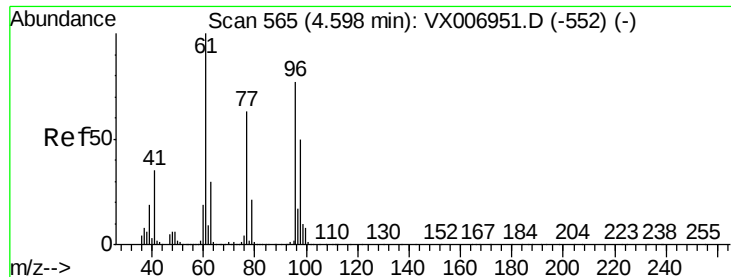
Tgt Ion: 77 Resp: 252264

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

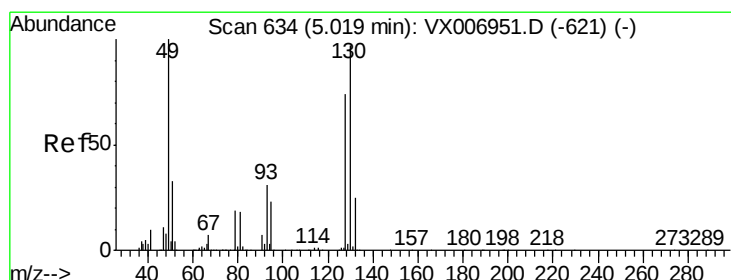
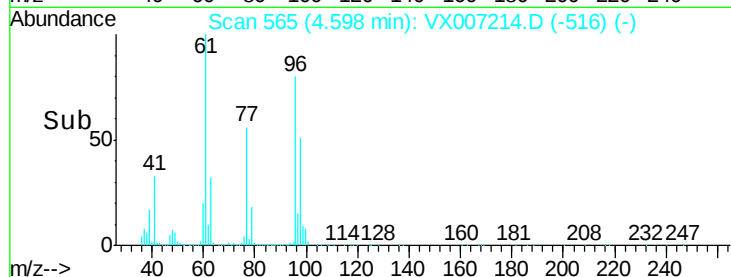
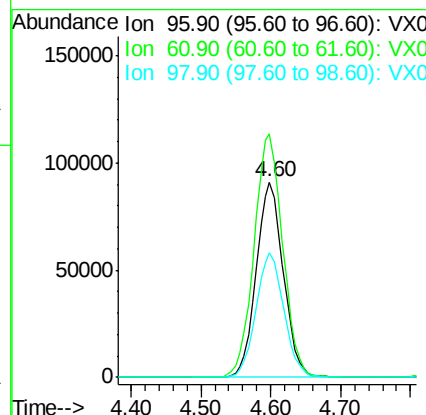
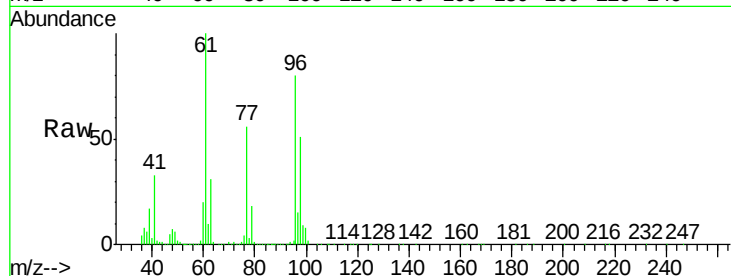
cis-1,2-Dichloroethene
Concen: 48.389 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	258.6
98	65.4	0.0	132.0

Manual Integrations
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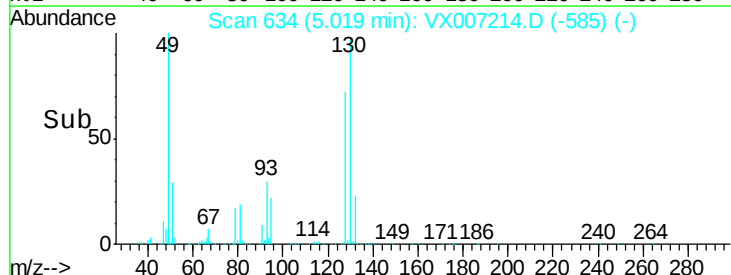
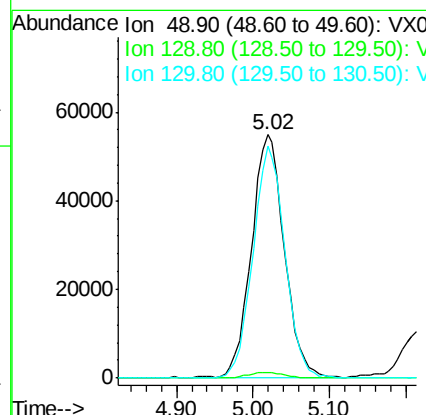
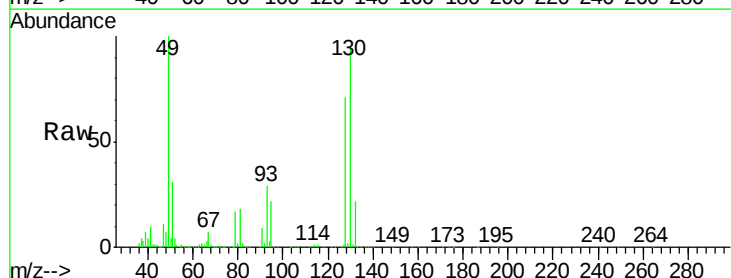
MMDadoda
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#28

Bromochloromethane
Concen: 50.372 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.1	77.7	116.5





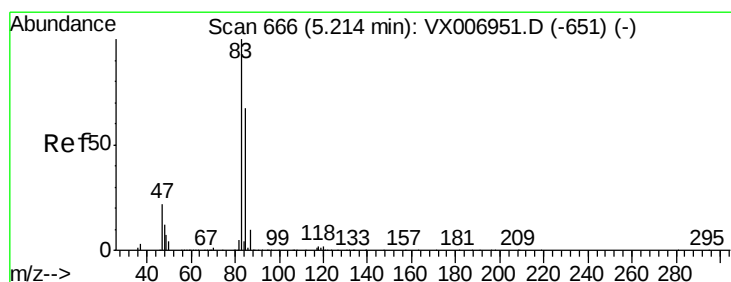
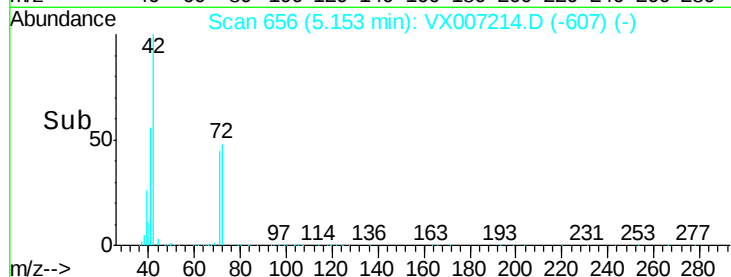
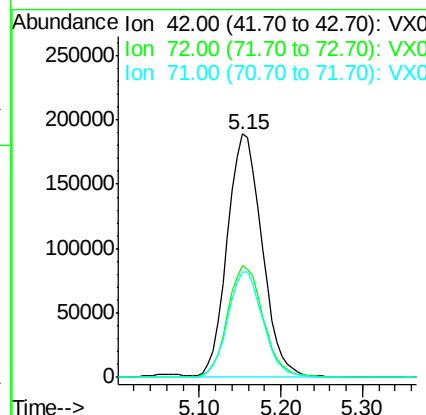
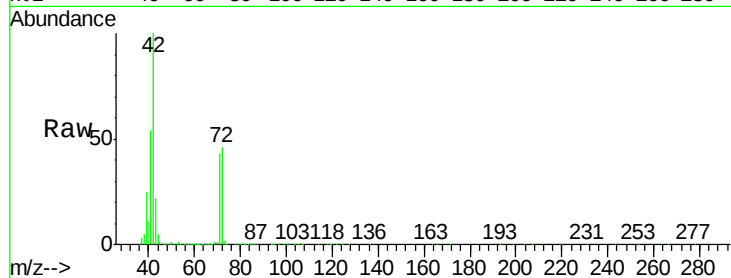
#29
Tetrahydrofuran
Concen: 258.806 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.9	58.3
71	44.0	36.2	54.4

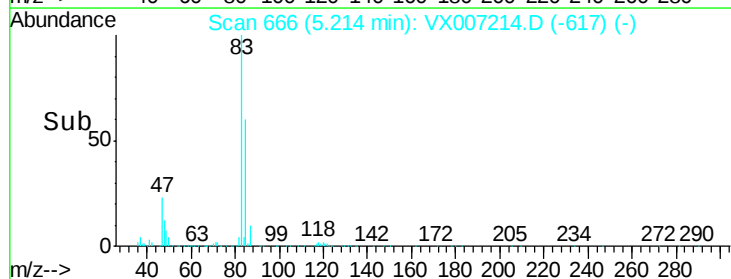
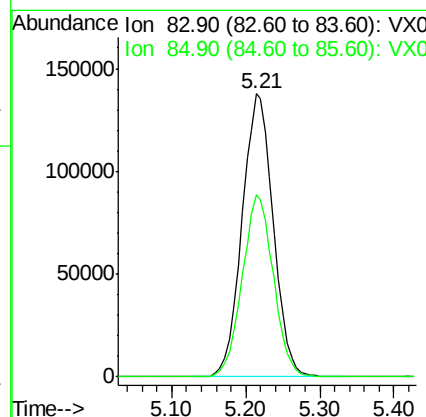
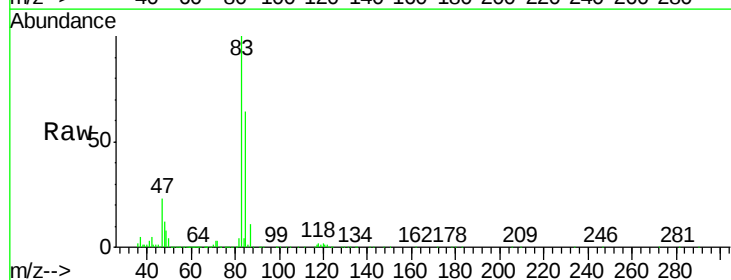
Manual Integrations
APPROVED

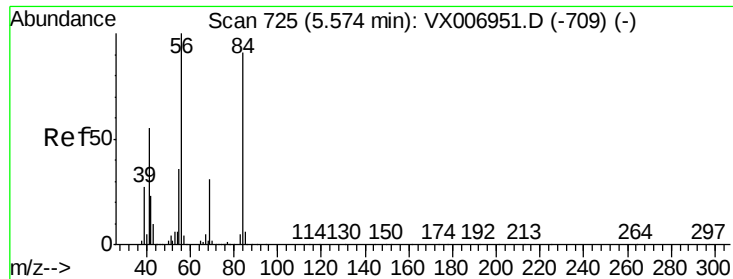
MMDadoda
1/25/2019 10:31:15 AM



#30
Chloroform
Concen: 51.934 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





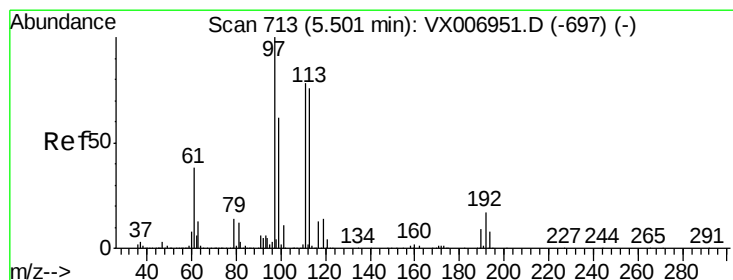
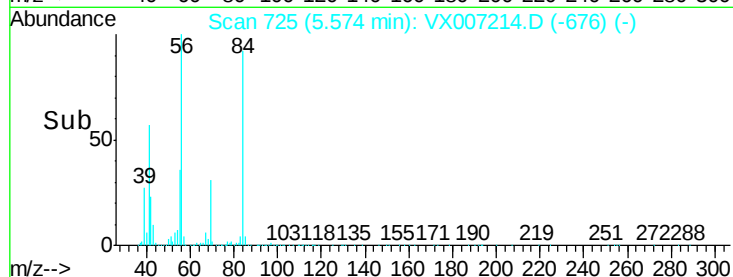
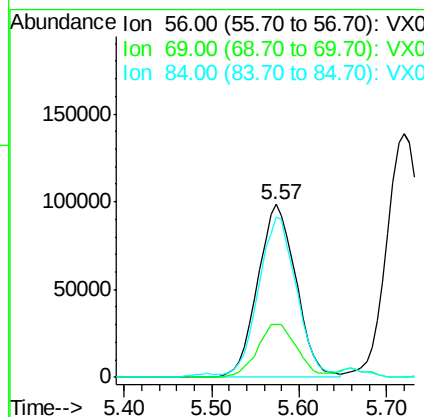
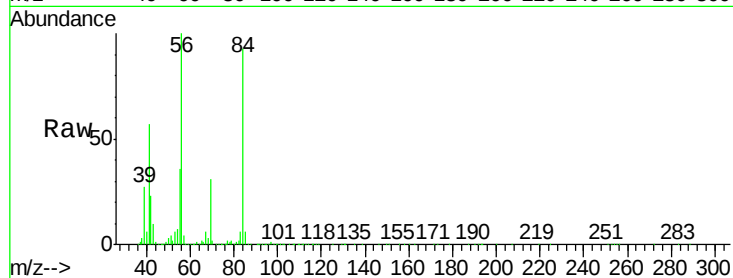
#31
Cyclohexane
Concen: 45.458 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.4	36.6
84	91.4	70.0	105.0

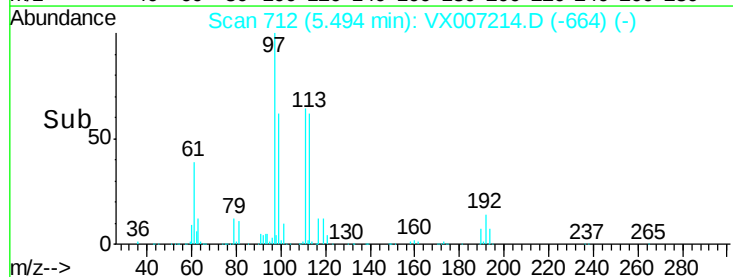
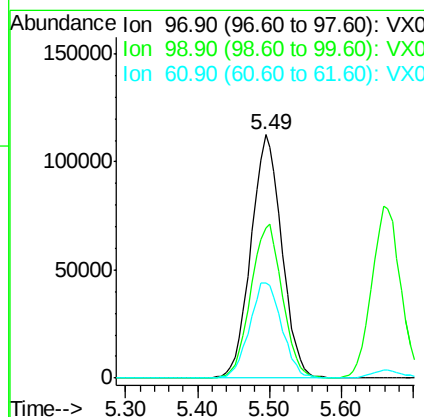
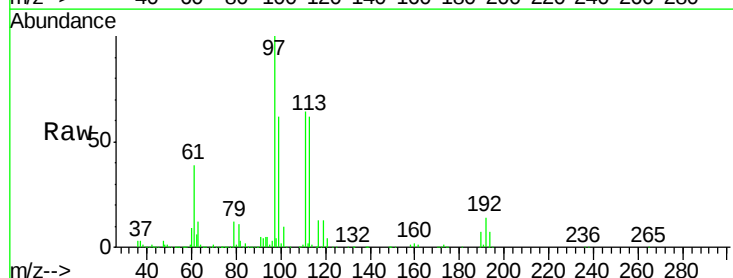
Manual Integrations
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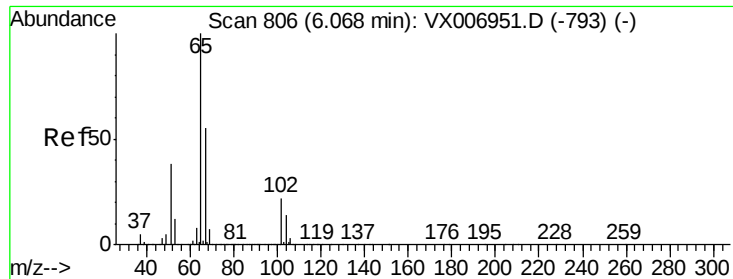
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#32
1,1,1-Trichloroethane
Concen: 50.826 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	41.3	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 51.643 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 241412

Ion Ratio Lower Upper

65 100

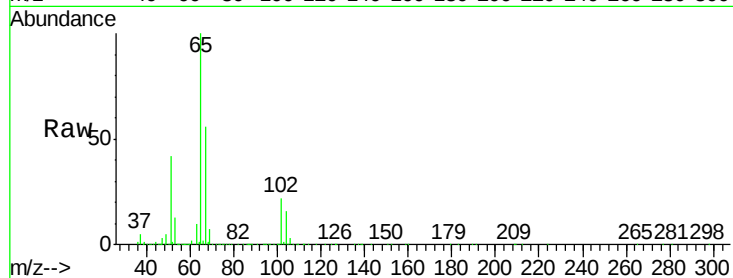
67 53.9 0.0 105.0

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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

100000

80000

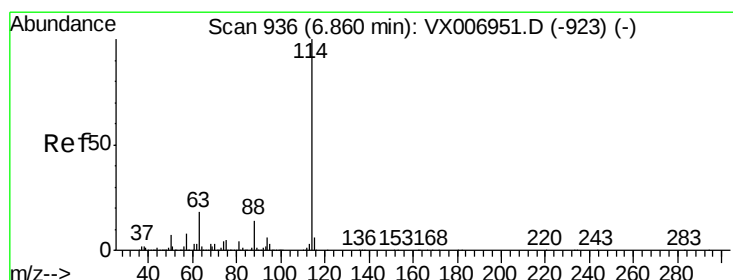
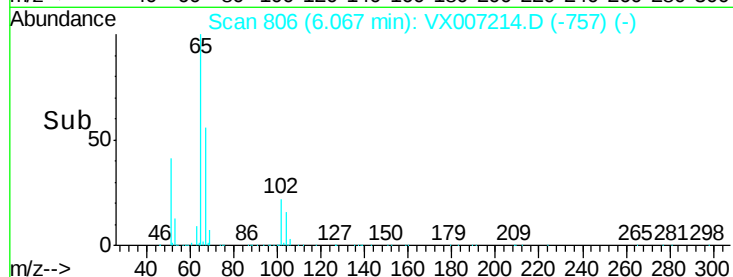
60000

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: VX007214.D

Acq: 24 Jan 2019 19:55

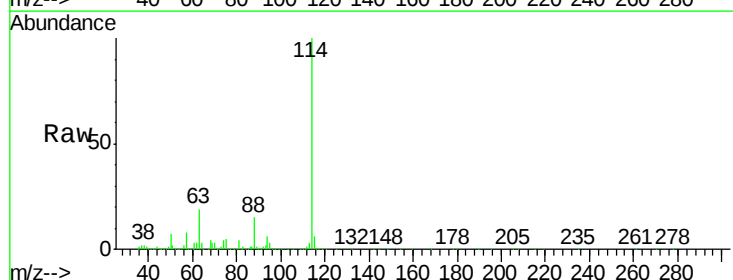
Tgt Ion: 114 Resp: 674594

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.8 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

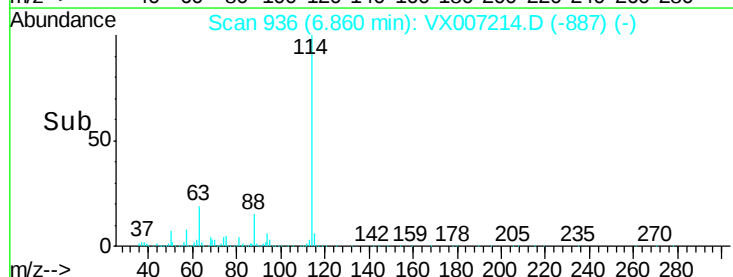
300000

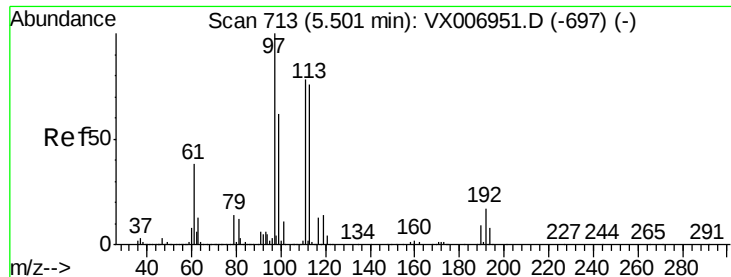
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.623 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

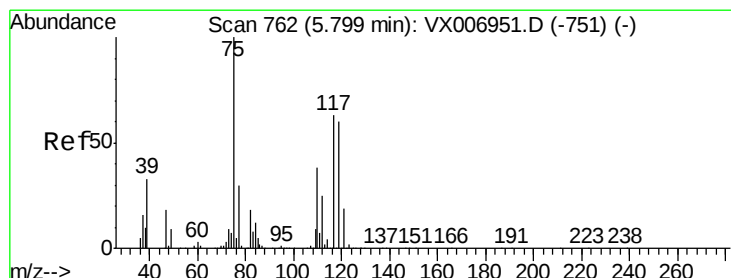
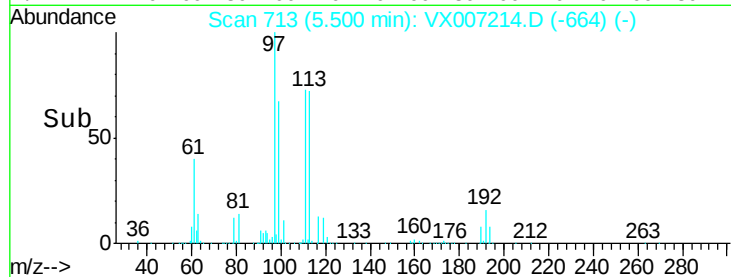
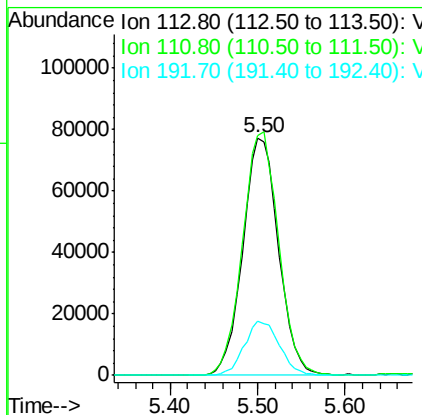
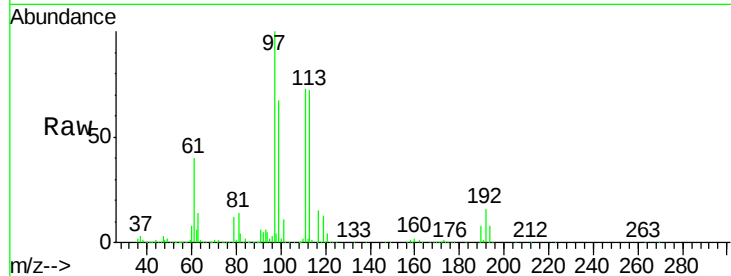
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	218696
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.6	122.4
192	22.5	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 46.764 ug/l

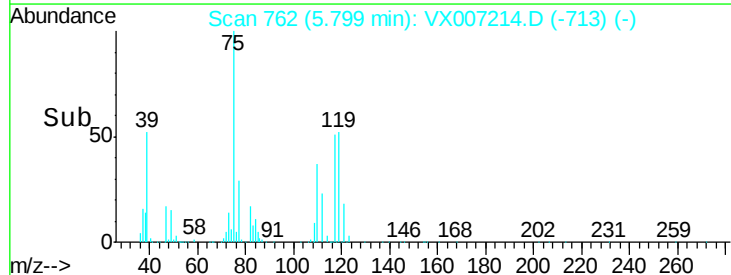
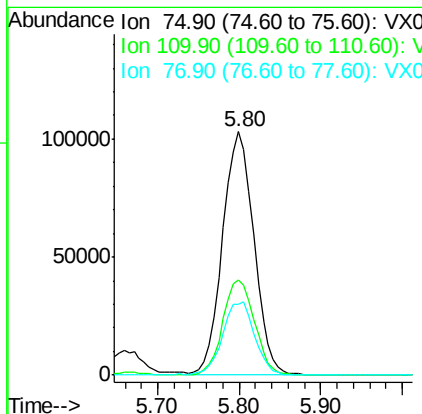
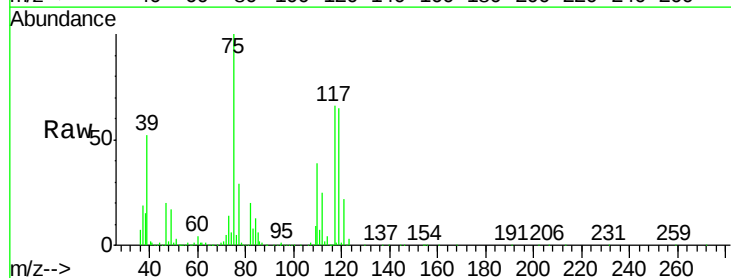
RT: 5.80 min Scan# 762

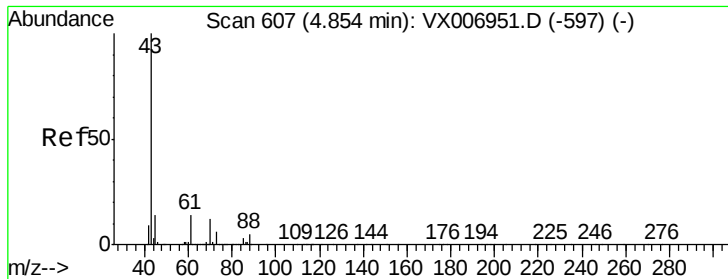
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	75	Resp:	274274
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.2	60.5
77	30.6	24.8	37.2





#37

Ethyl Acetate

Concen: 51.199 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

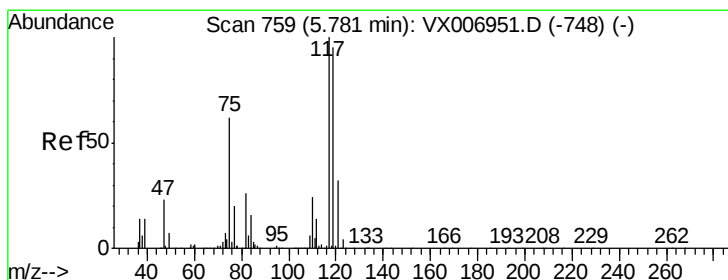
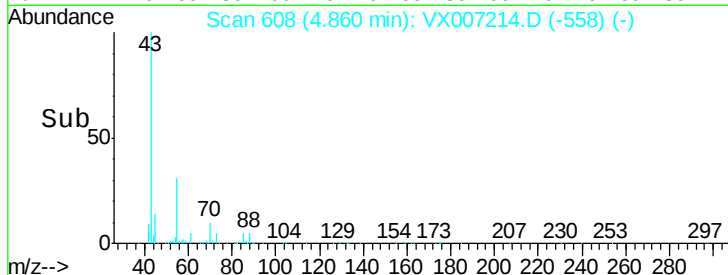
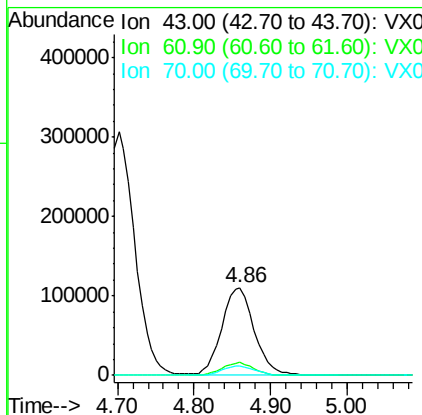
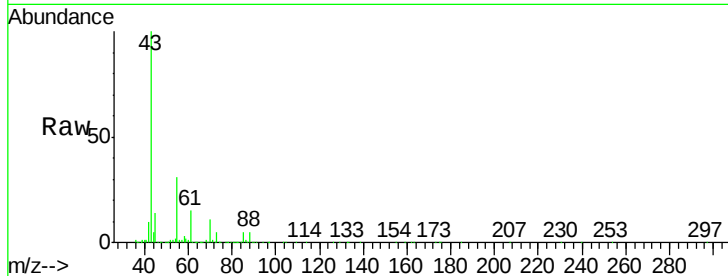
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	321931
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	10.9	9.7	14.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.303 ug/l

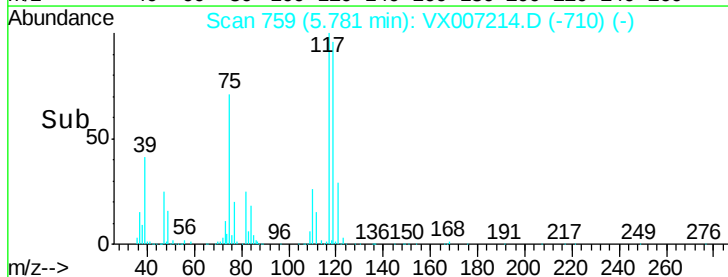
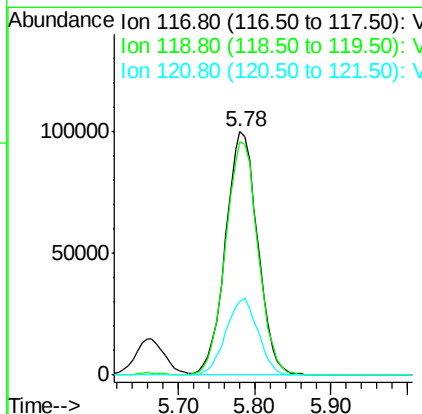
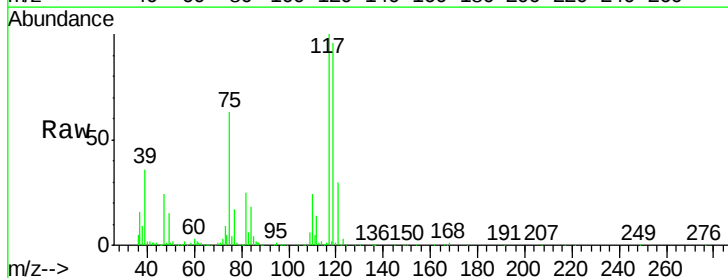
RT: 5.78 min Scan# 759

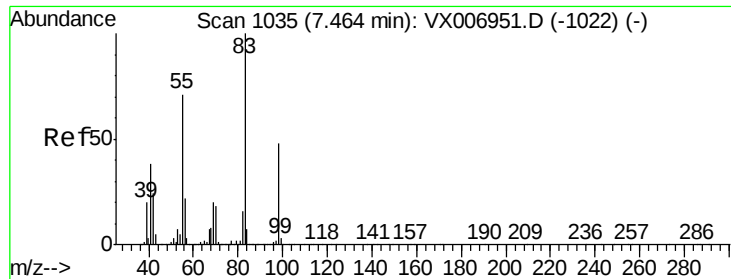
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	117	Resp:	290933
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.4	119.2
121	30.2	24.0	36.0





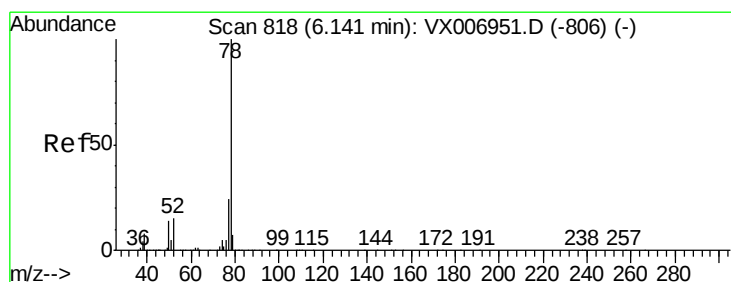
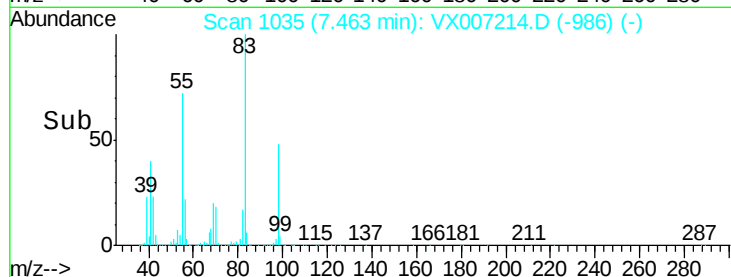
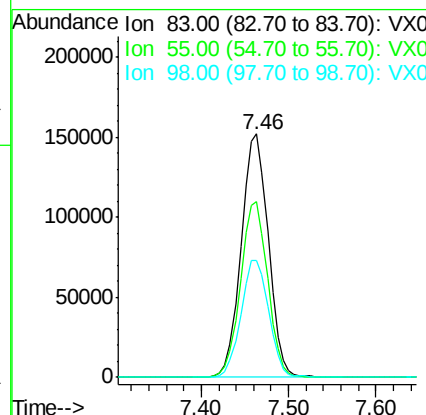
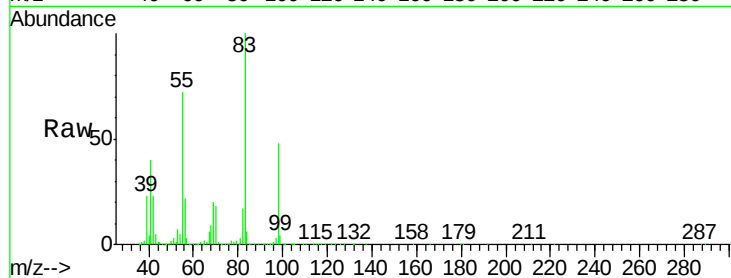
#39
Methylvlcyclohexane
Concen: 43.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	54.9	82.3
98	48.2	37.9	56.9

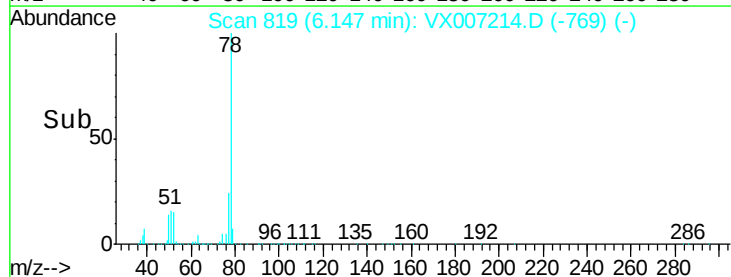
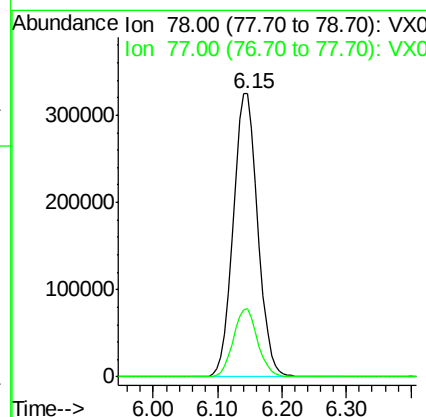
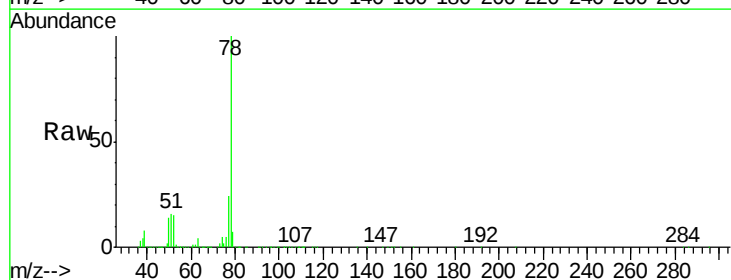
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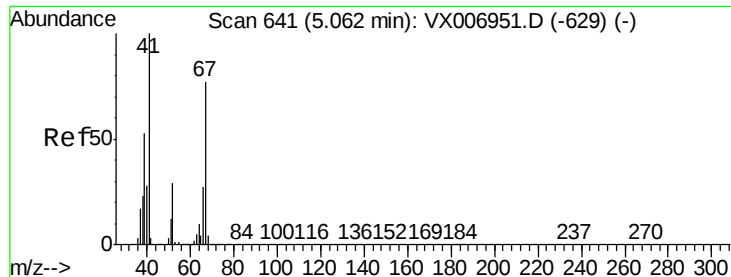
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#40
Benzene
Concen: 48.481 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





#41

Methacrylonitrile

Concen: 49.790 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		180356		
39	54.2	42.8	64.2		
67	74.2	62.1	93.1		
52	30.0	23.4	35.0		

Instrument :

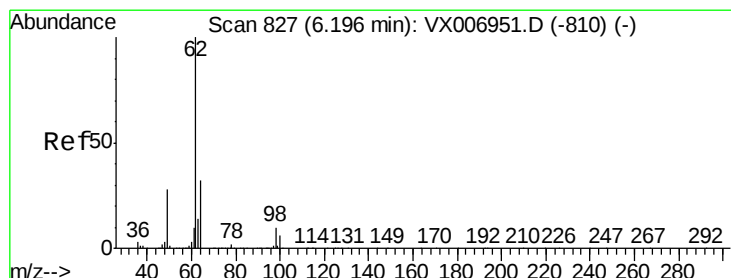
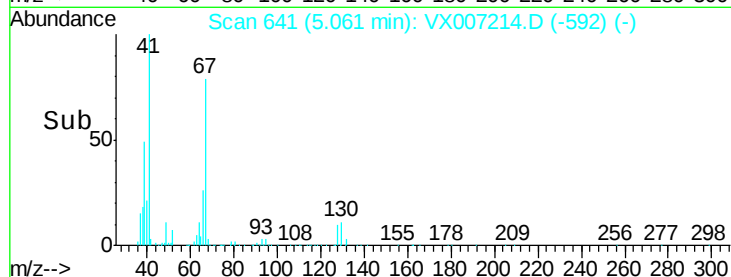
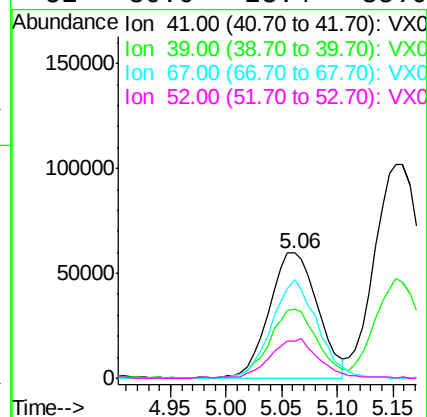
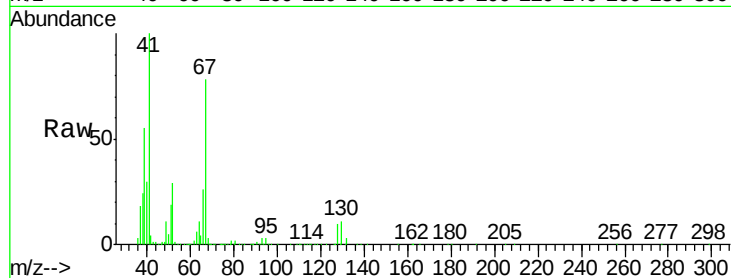
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.904 ug/l

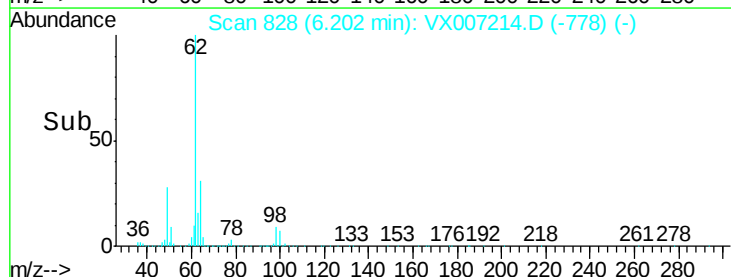
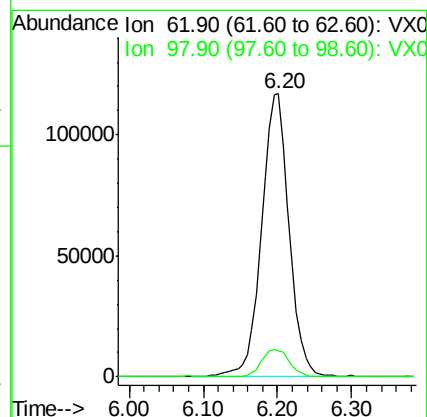
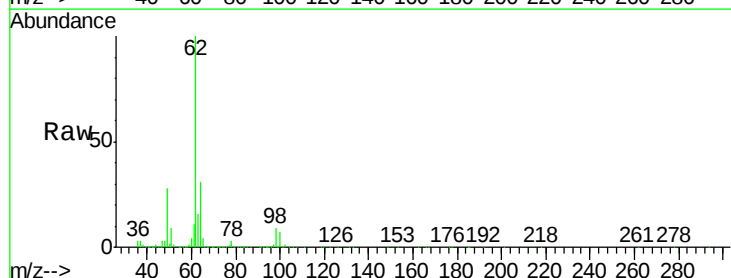
RT: 6.20 min Scan# 828

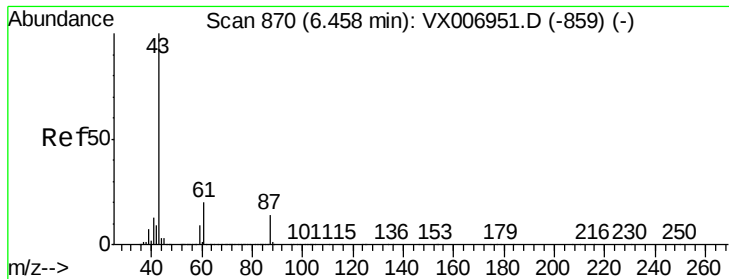
Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		302431		
98	9.9	0.0	20.2		





#43

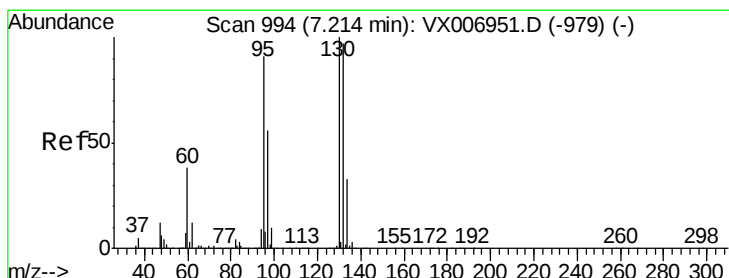
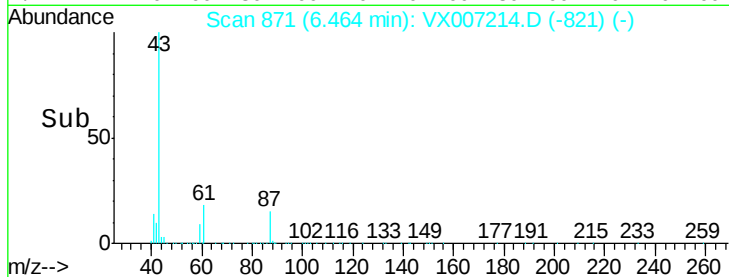
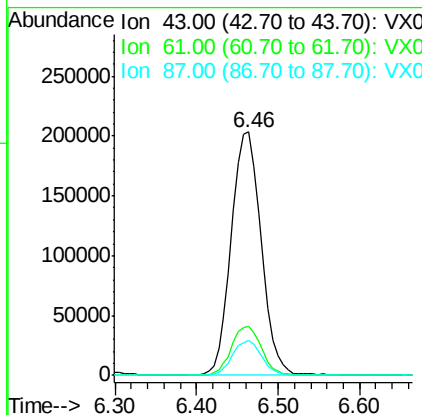
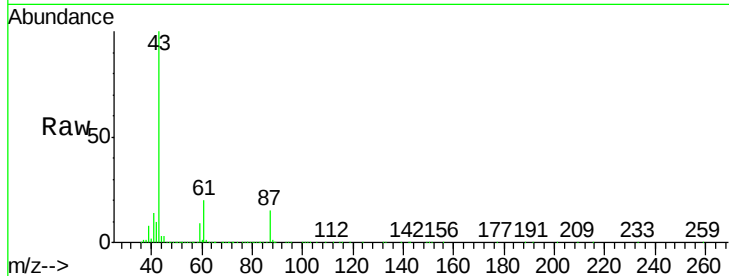
Isopropyl Acetate
 Concen: 52.061 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.0	12.4	18.6

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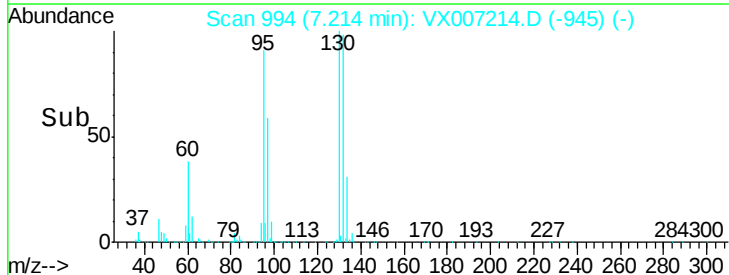
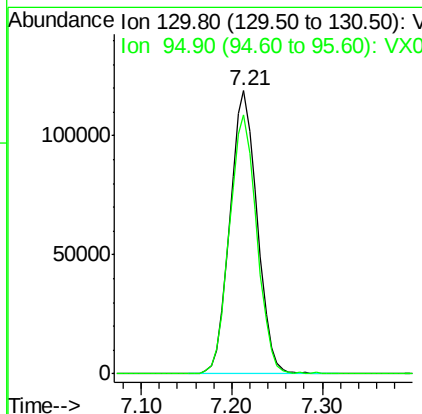
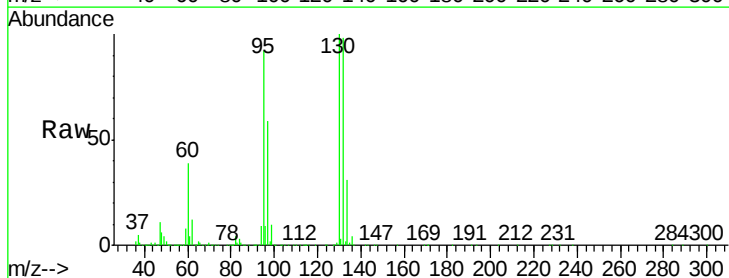
MMDadoda
 1/25/2019 10:31:15 AM

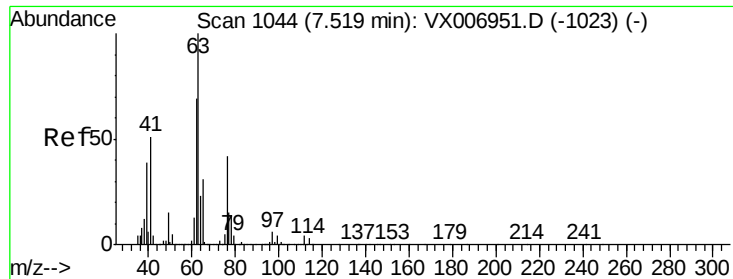


#44

Trichloroethene
 Concen: 46.235 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.214 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 221419

Ion Ratio Lower Upper

63 100

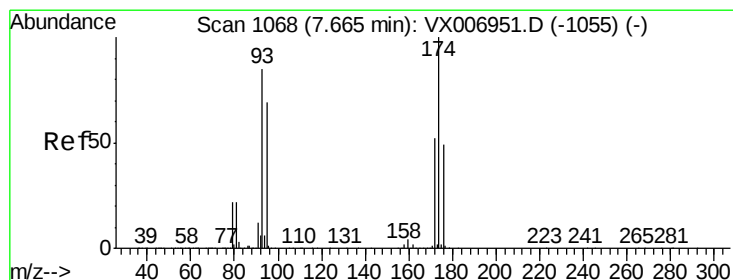
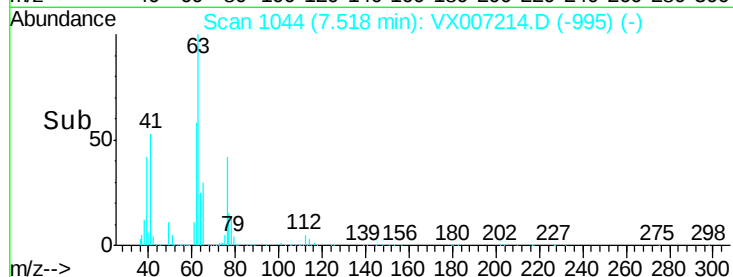
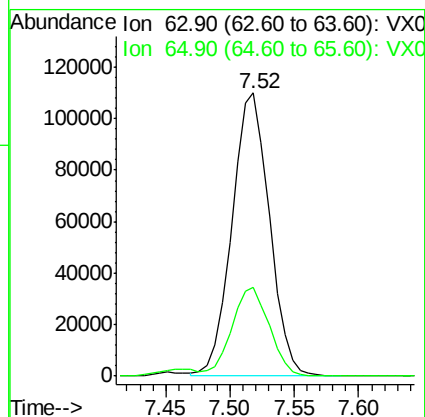
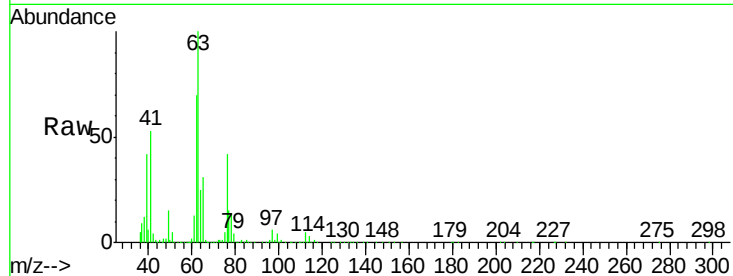
65 31.1 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 50.196 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

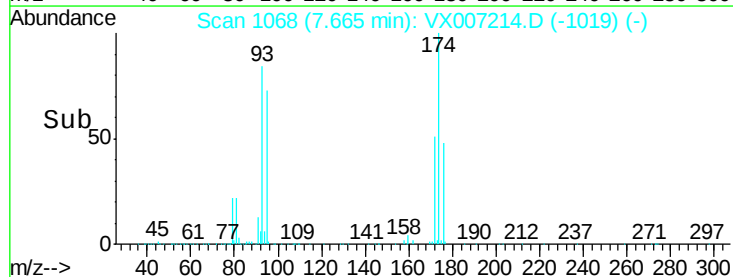
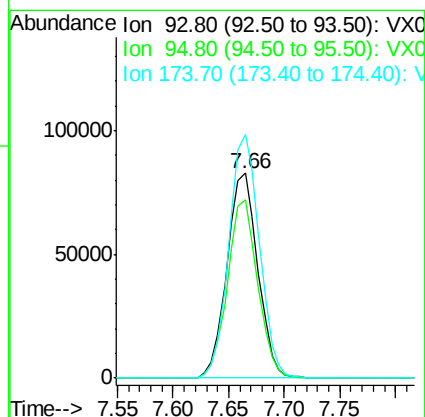
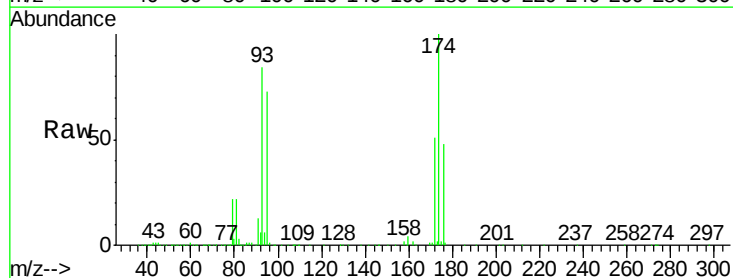
Tgt Ion: 93 Resp: 158719

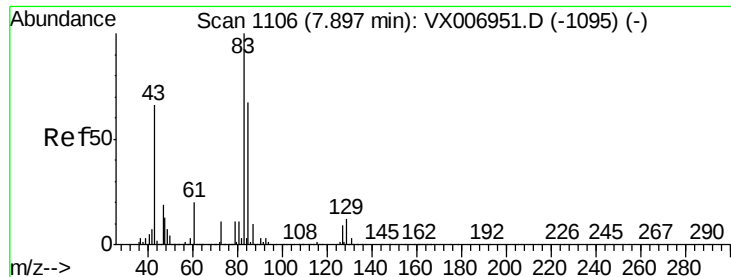
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 117.8 91.0 136.4





#47

Bromodichloromethane

Concen: 53.296 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

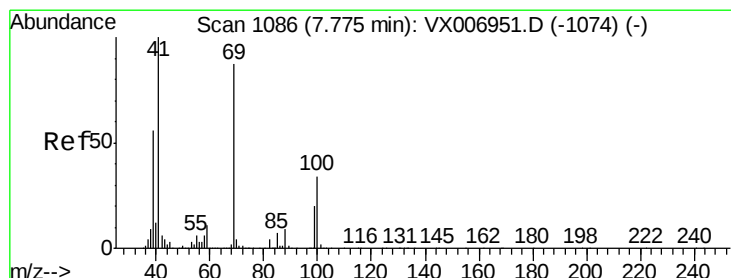
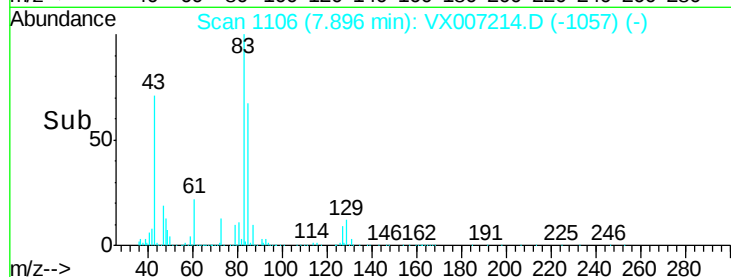
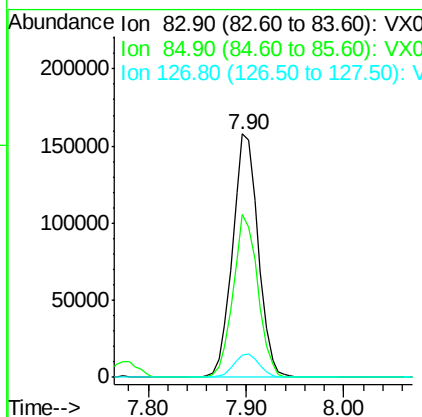
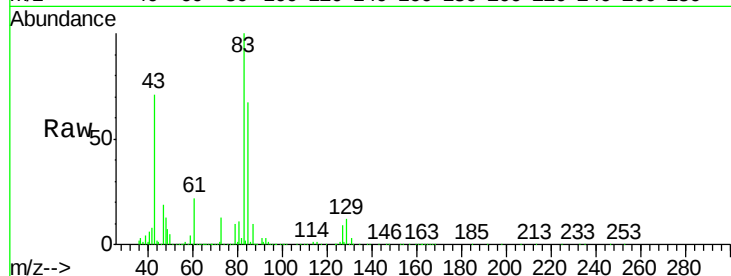
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	286848
Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.2	79.8
127	9.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.006 ug/l

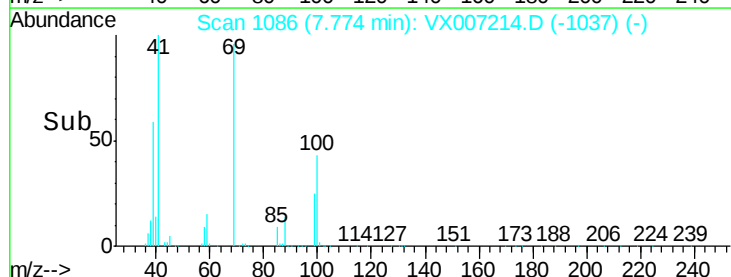
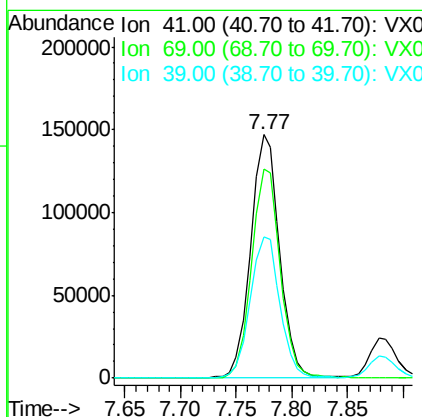
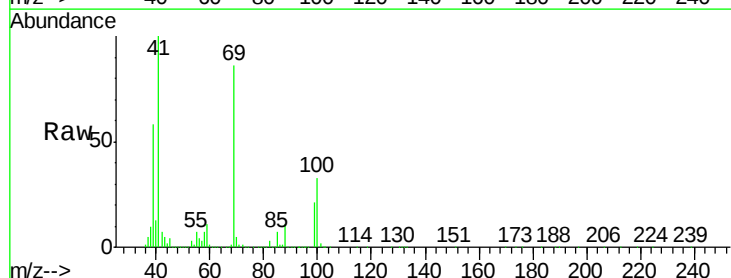
RT: 7.77 min Scan# 1086

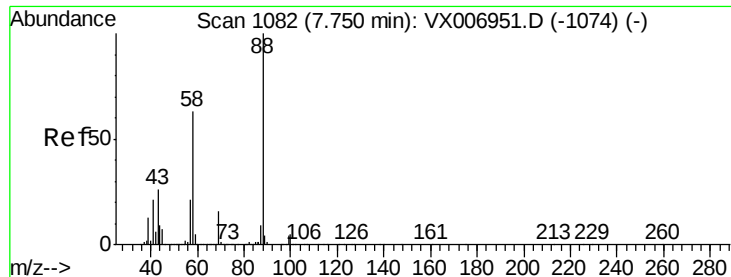
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	41	Resp:	264889
Ion	Ratio	Lower	Upper
41	100		
69	85.6	72.4	108.6
39	60.1	45.8	68.8





#49

1,4-Dioxane

Concen: 996.770 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

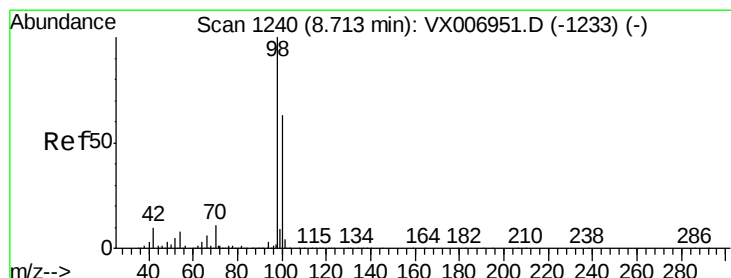
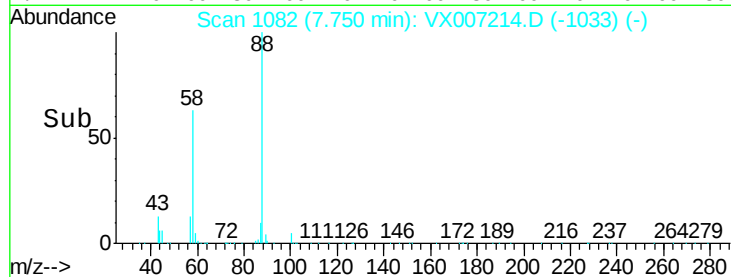
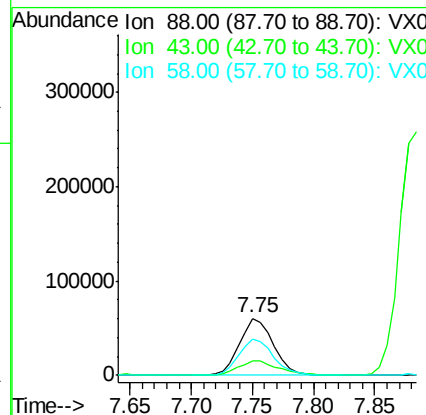
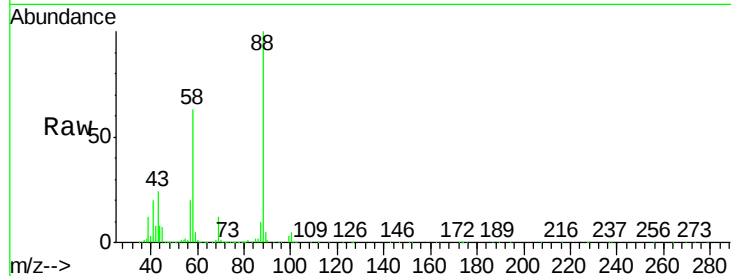
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	115945
Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.2	33.4
58	65.1	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 50.754 ug/l

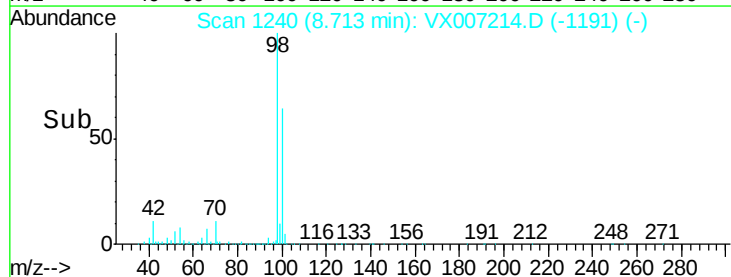
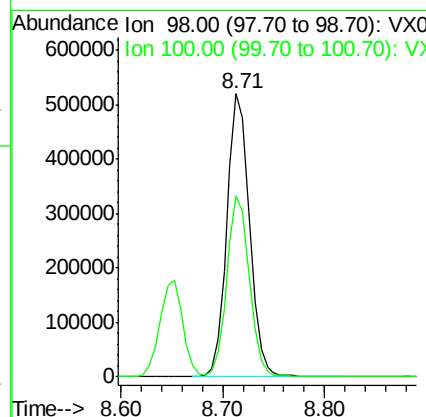
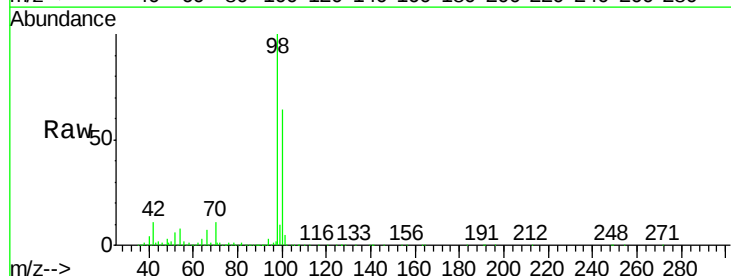
RT: 8.71 min Scan# 1240

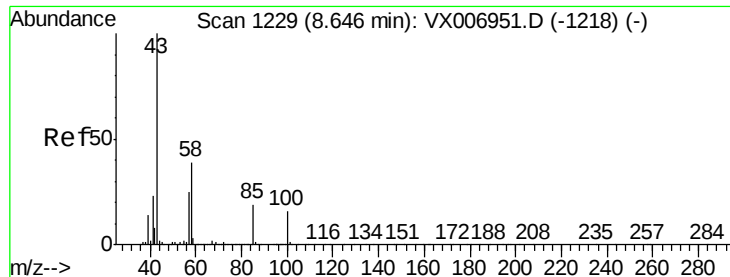
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	98	Resp:	802566
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 267.783 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1706865

Ion Ratio Lower Upper

43 100

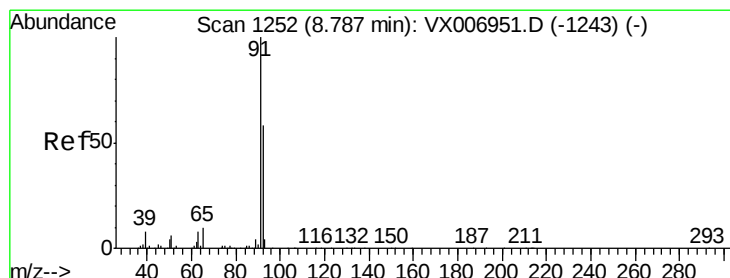
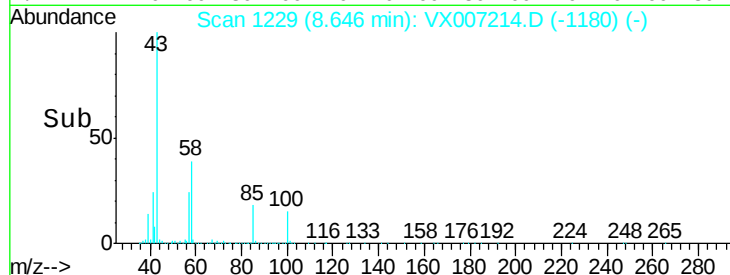
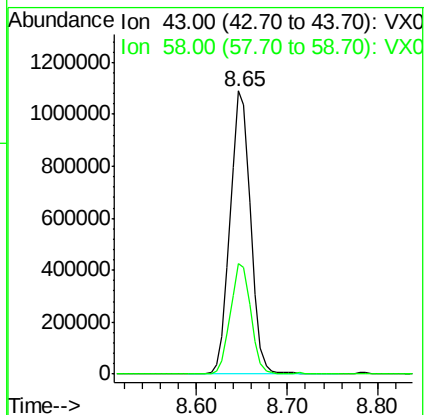
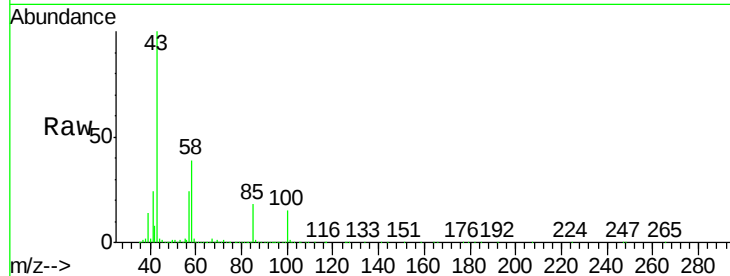
58 38.9 31.8 47.6

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#52

Toluene

Concen: 49.173 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007214.D

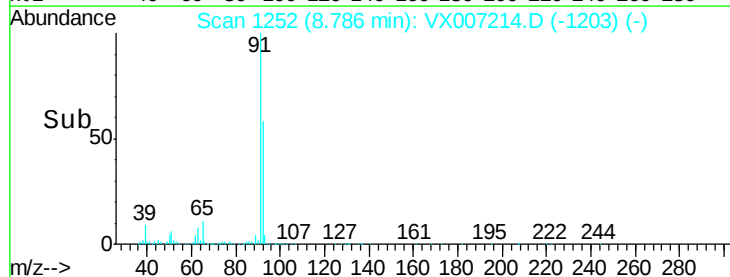
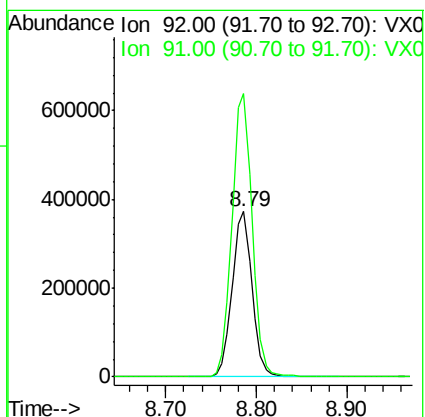
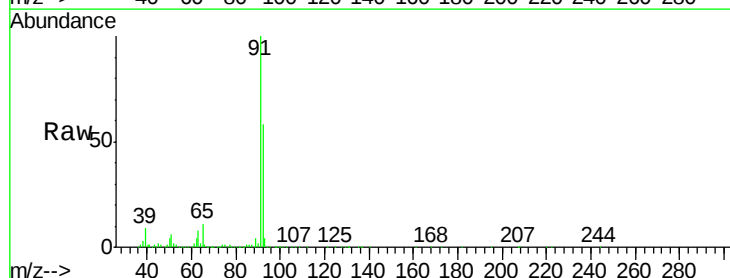
Acq: 24 Jan 2019 19:55

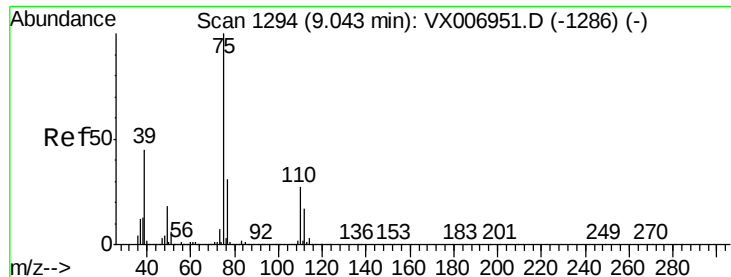
Tgt Ion: 92 Resp: 565609

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 52.189 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tot Ion: 75 Resp: 311469

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

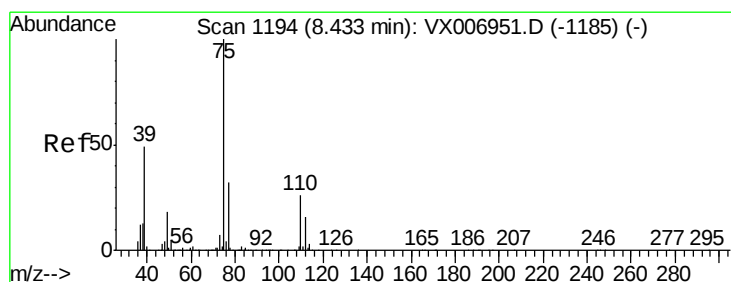
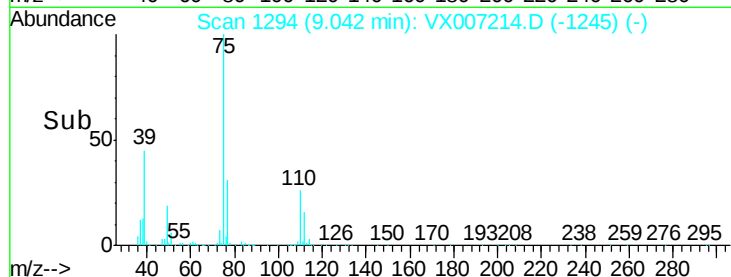
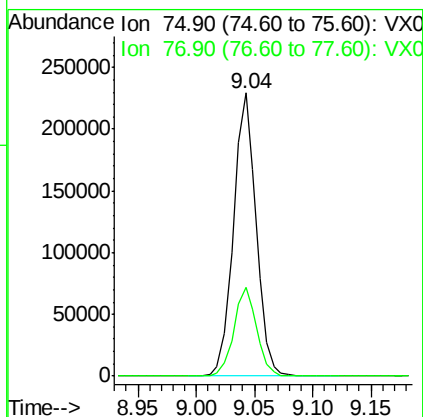
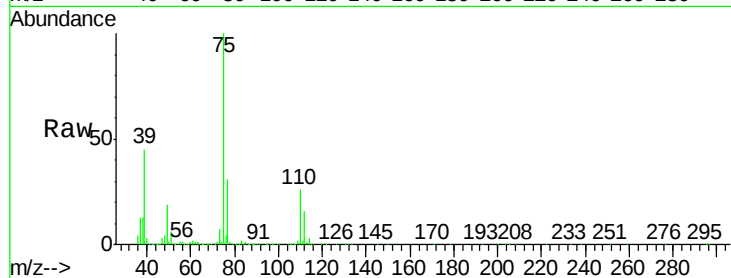
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.941 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

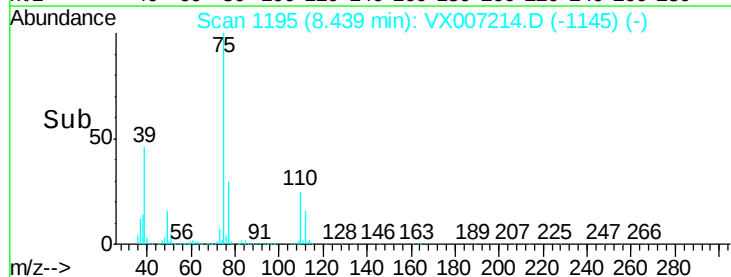
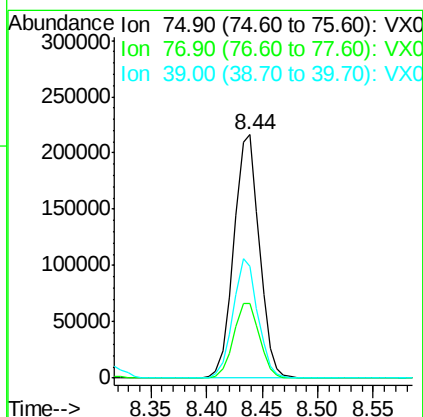
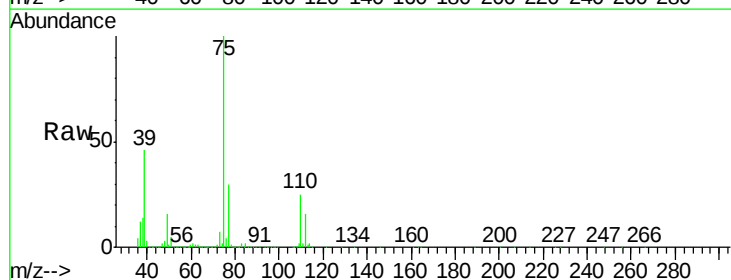
Tgt Ion: 75 Resp: 342335

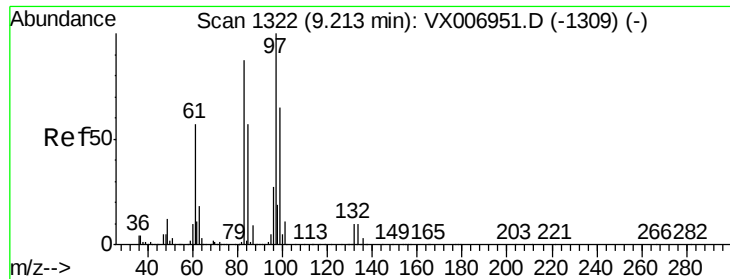
Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2

39 45.9 36.7 55.1





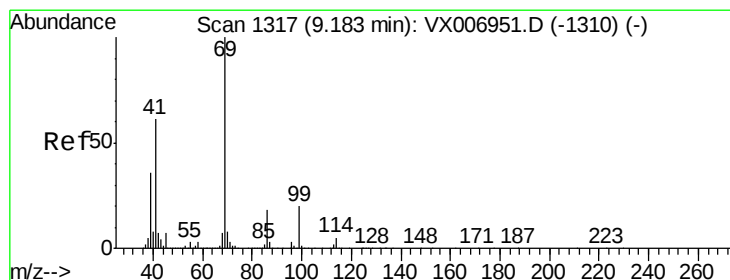
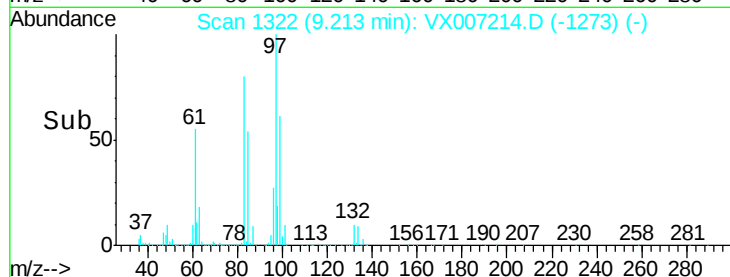
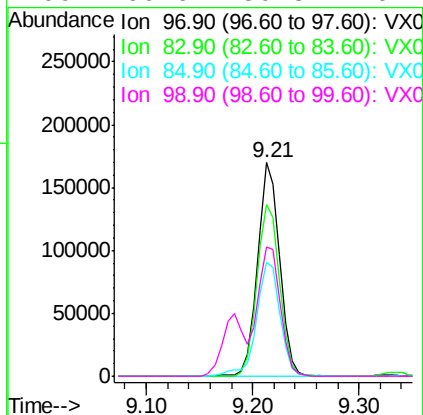
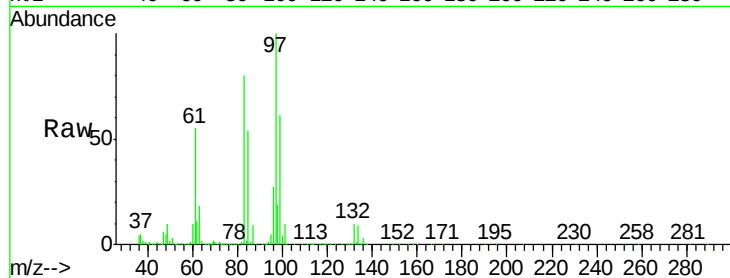
#55
 1,1,2-Trichloroethane
 Concen: 53.647 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		246991		
83	80.4	66.6	99.8		
85	53.5	42.7	64.1		
99	60.6	50.8	76.2		

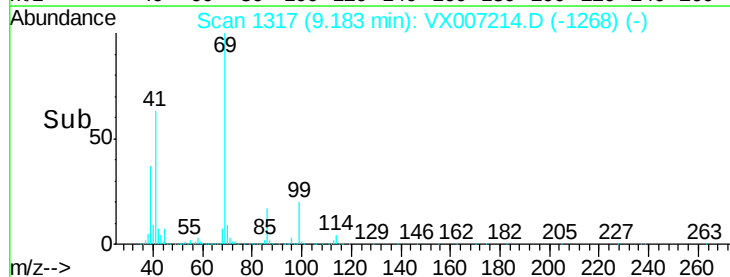
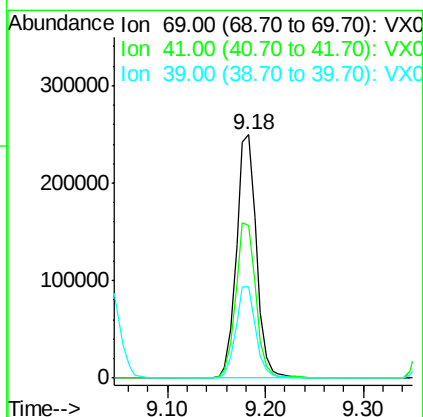
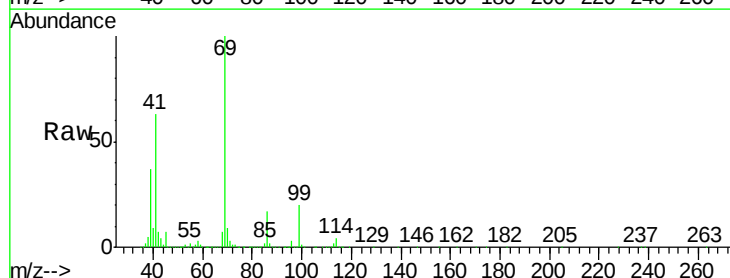
Manual Integrations
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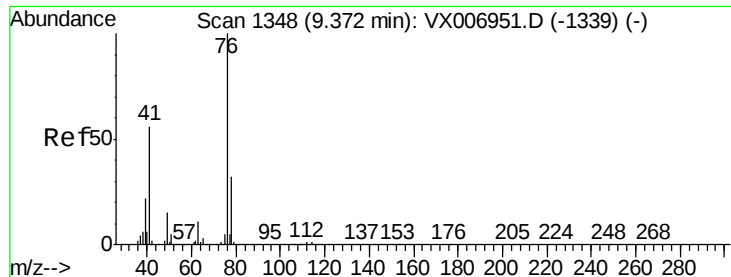
MMDadoda
 1/25/2019 10:31:15 AM



#56
 Ethyl methacrylate
 Concen: 52.543 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		353151		
41	64.0	48.7	73.1		
39	37.4	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 52.009 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 392282

Ion Ratio Lower Upper

76 100

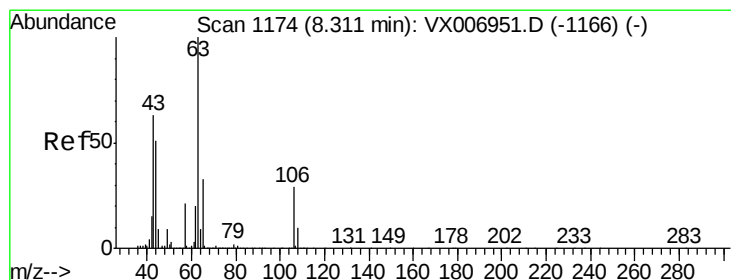
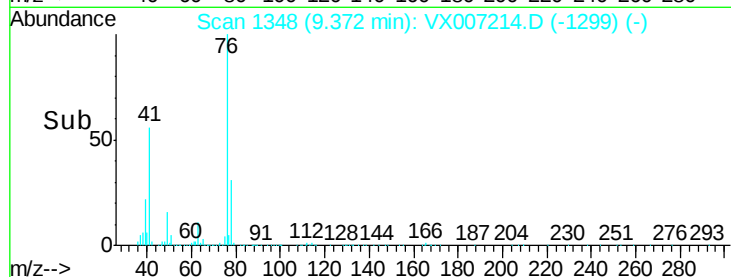
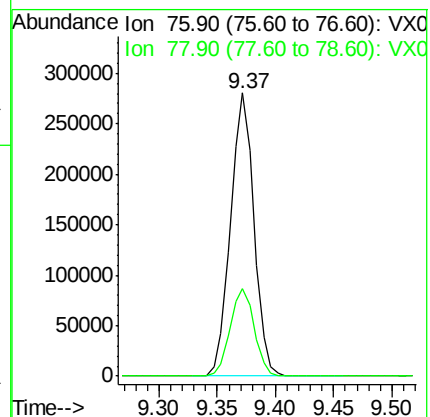
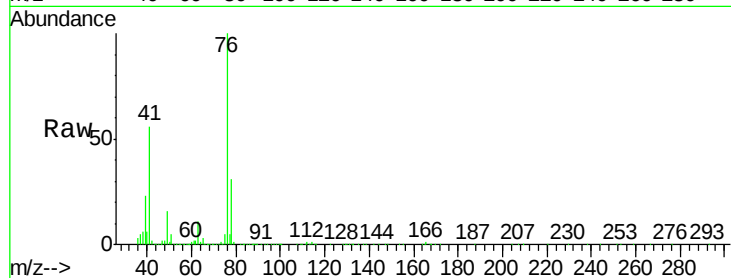
78 31.7 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 253.778 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007214.D

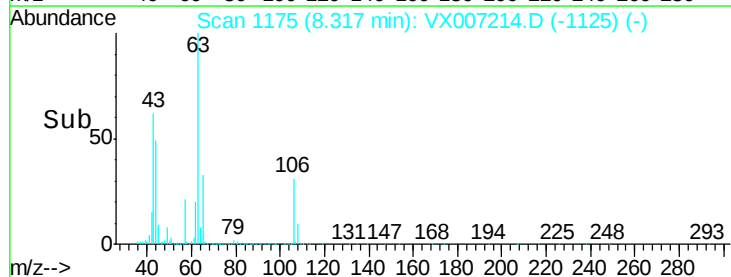
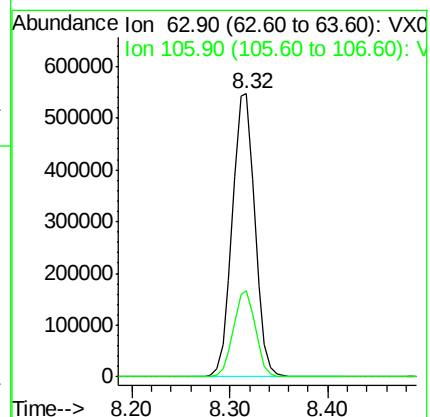
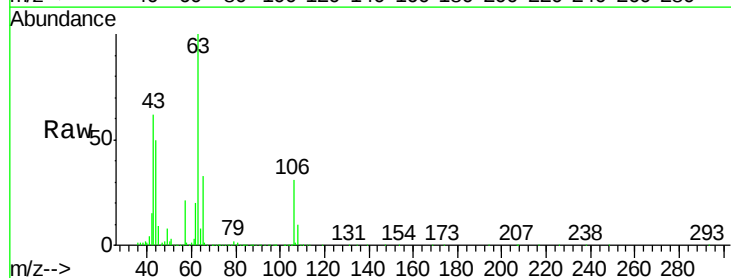
Acq: 24 Jan 2019 19:55

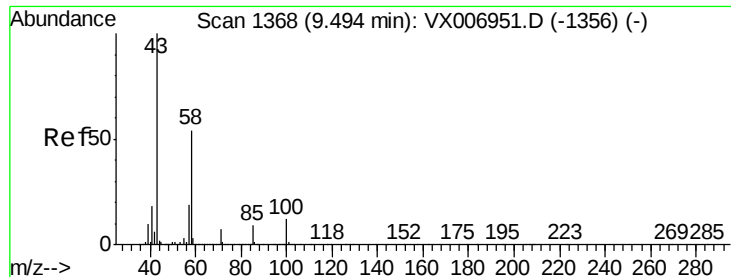
Tgt Ion: 63 Resp: 876996

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





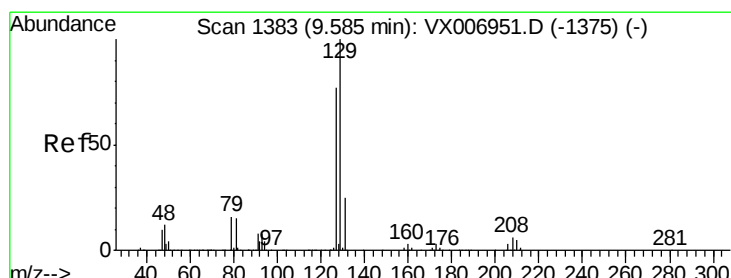
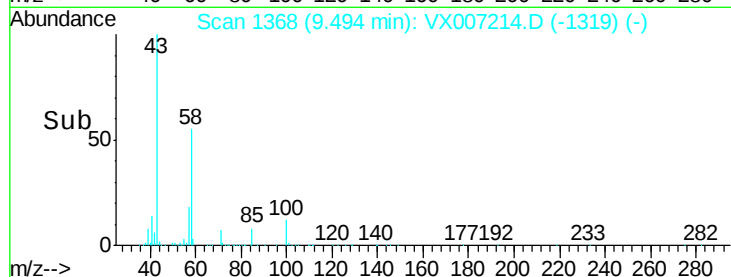
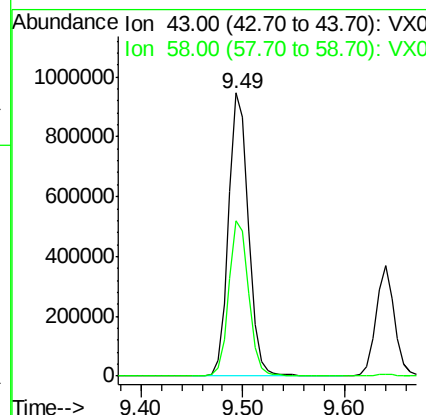
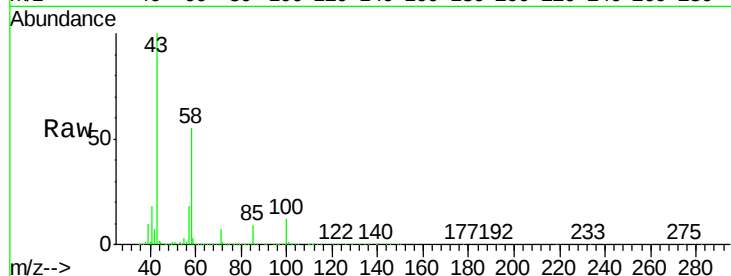
#59
2-Hexanone
Concen: 263.681 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1280804
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

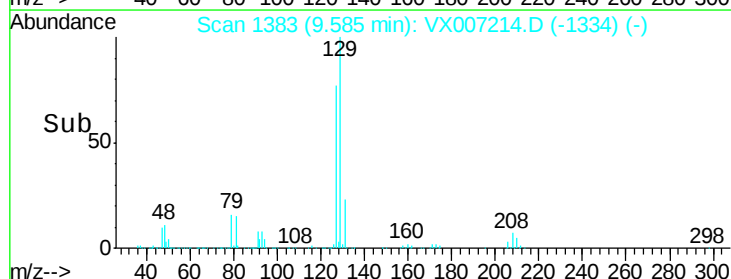
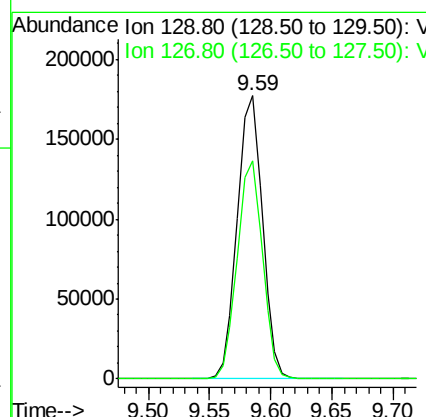
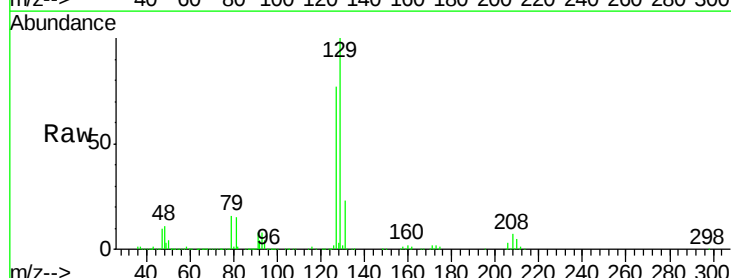
Manual Integrations
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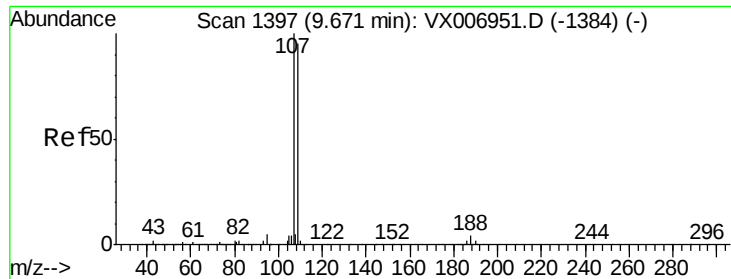
MMDadoda
1/25/2019 10:31:15 AM



#60
Dibromochloromethane
Concen: 56.372 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 129 Resp: 252015
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.813 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 262612

Ion Ratio Lower Upper

107 100

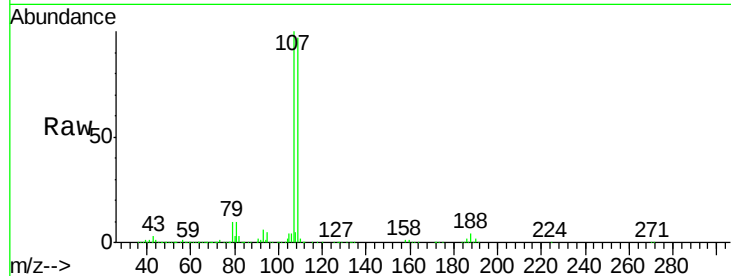
109 95.4 75.8 113.6

Manual Integrations

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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

200000

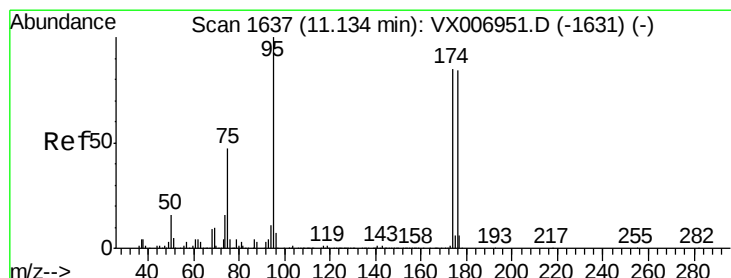
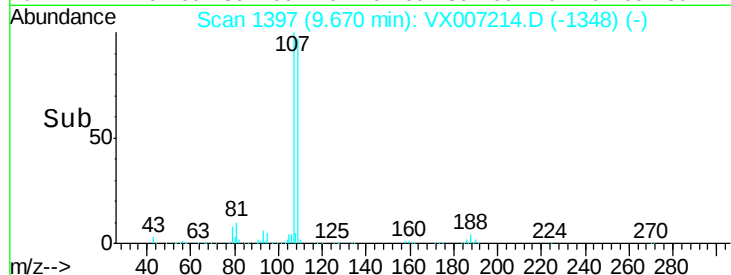
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

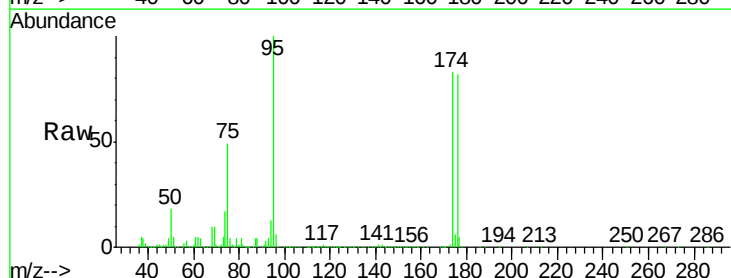
Tgt Ion: 95 Resp: 285919

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 91.7 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

250000

200000

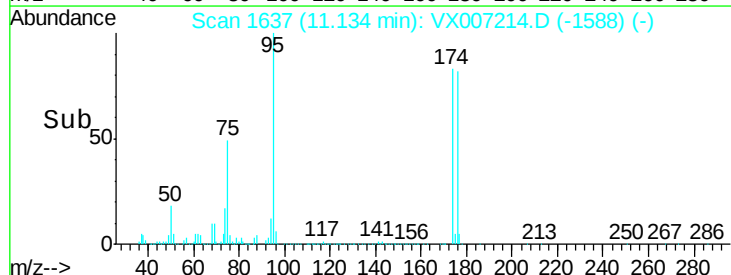
150000

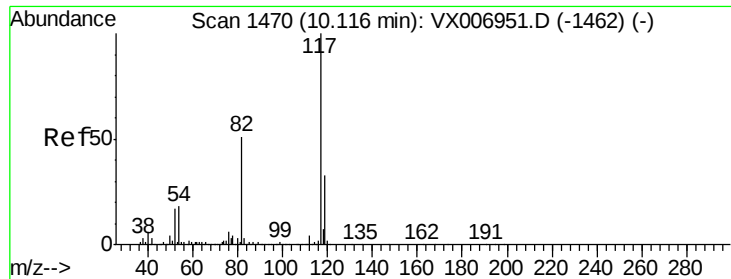
100000

50000

0

Time-->





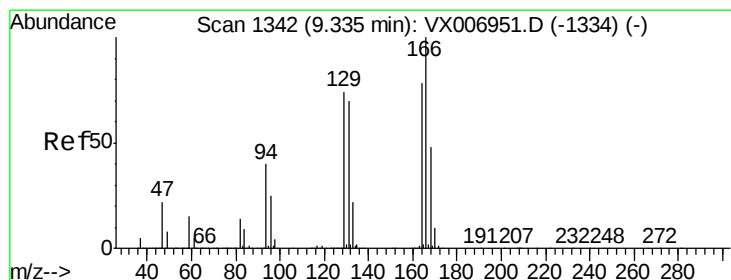
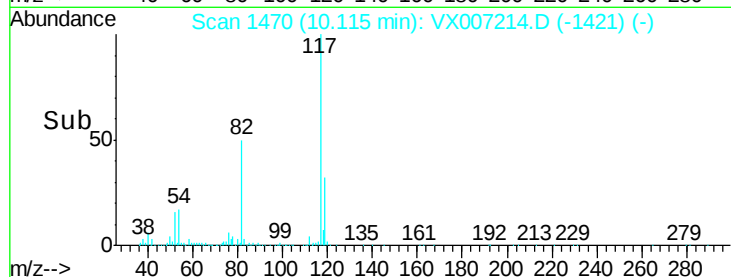
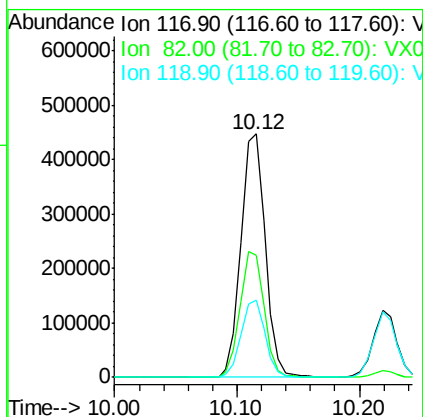
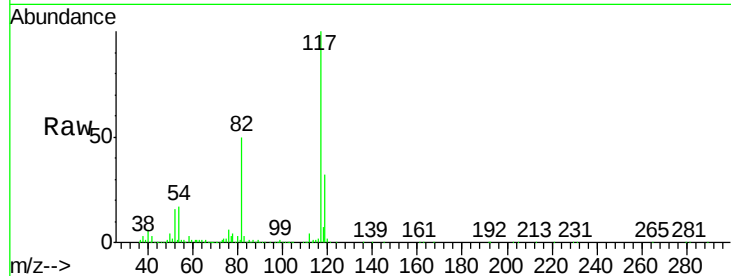
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.0	61.6
119	31.8	25.4	38.0

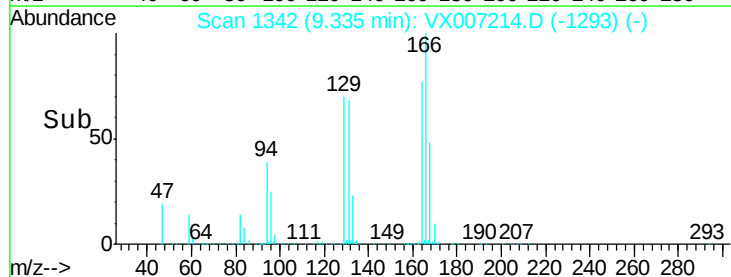
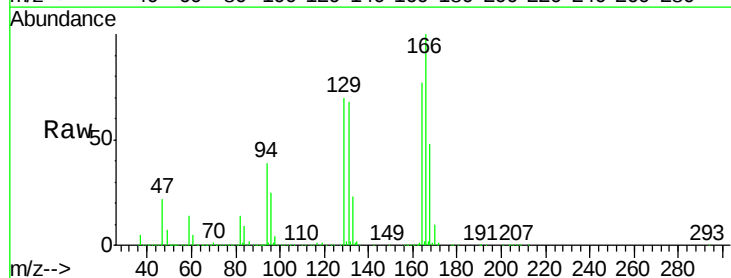
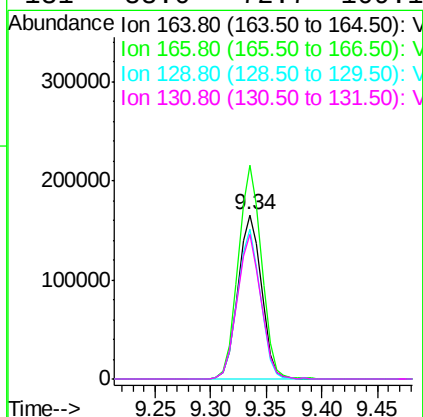
Manual Integrations
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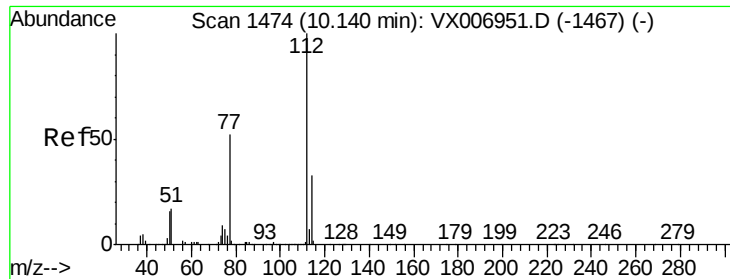
MMDadoda
1/25/2019 10:31:15 AM



#64
Tetrachloroethene
Concen: 45.338 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.5	153.7
129	91.1	75.1	112.7
131	88.0	72.7	109.1





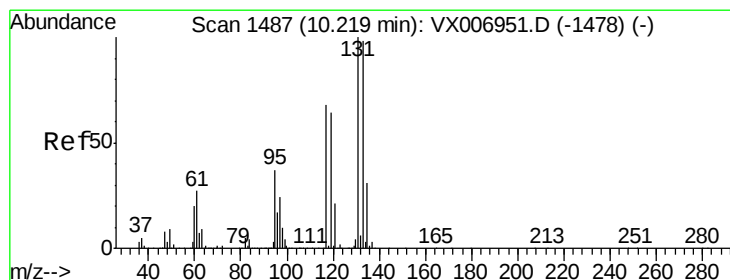
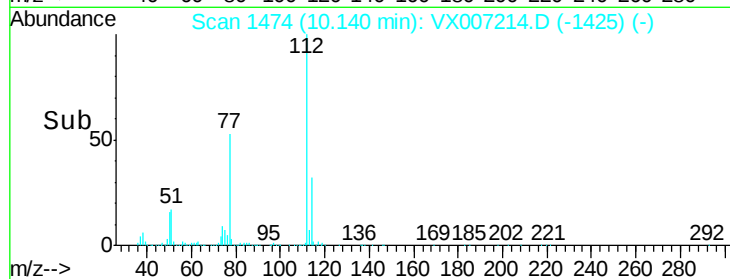
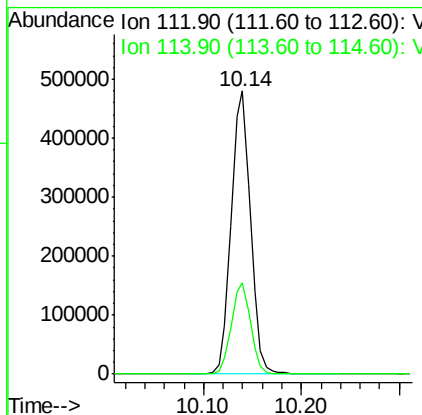
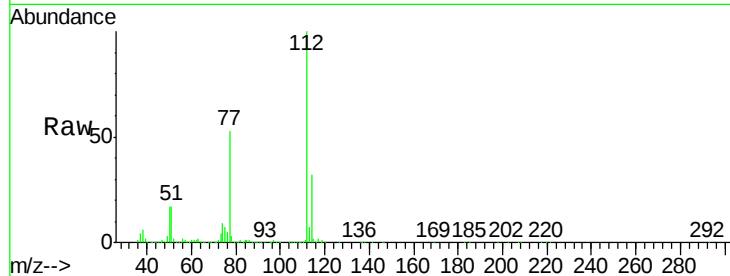
#65
Chlorobenzene
Concen: 48.929 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

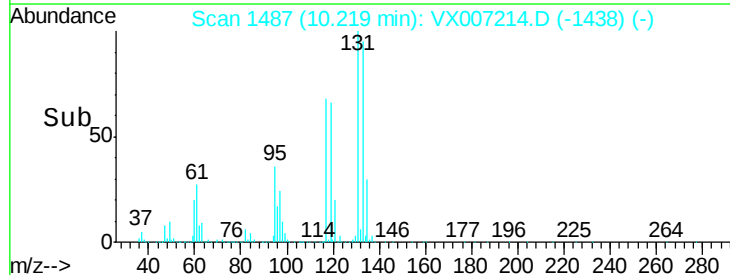
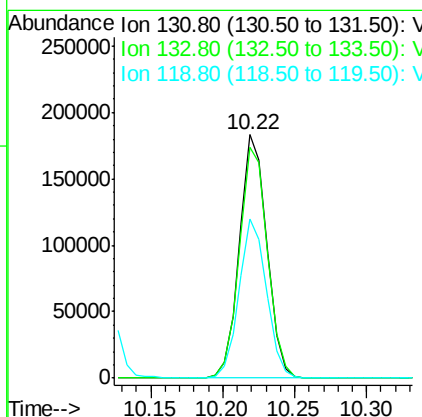
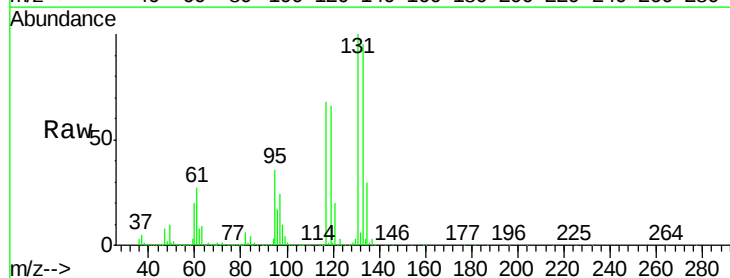
Manual Integrations
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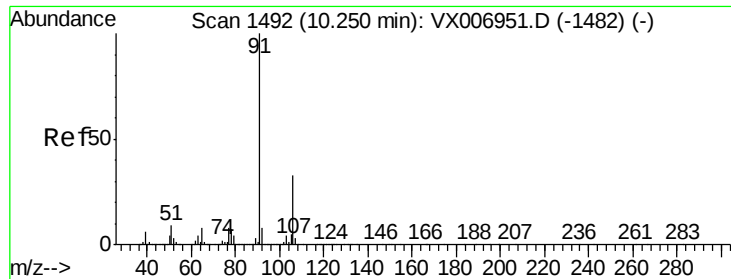
MMDadoda
1/25/2019 10:31:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.427 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	48.0	144.2
119	65.5	32.6	97.8





#67

Ethyl Benzene

Concen: 48.314 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1073749

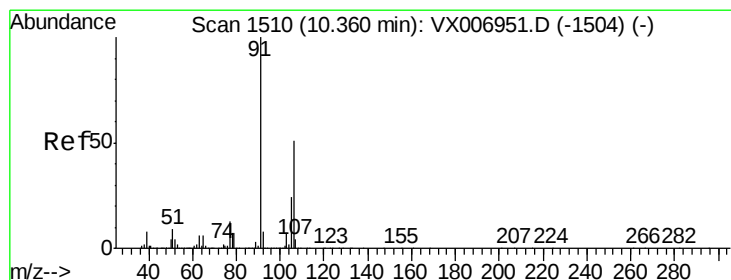
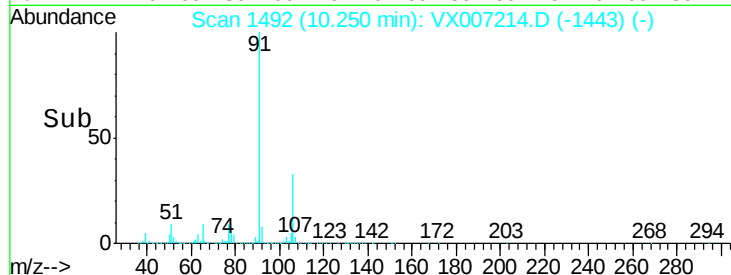
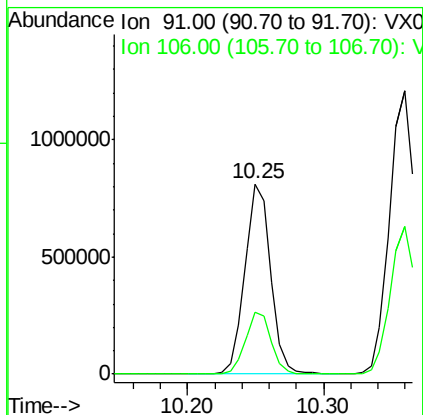
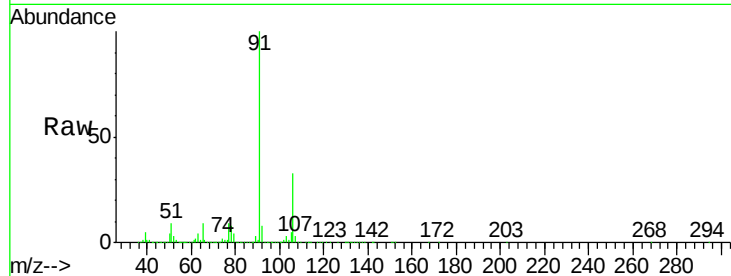
Ion Ratio Lower Upper

91 100

106 32.7 26.4 39.6

Manual Integrations
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1/25/2019 10:31:15 AM



#68

m/p-Xylenes

Concen: 96.416 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007214.D

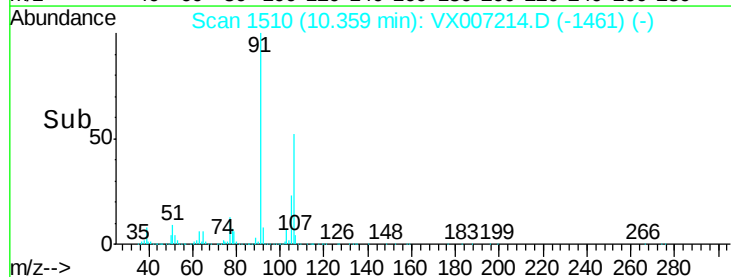
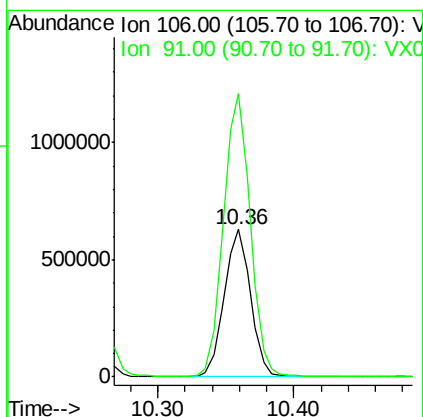
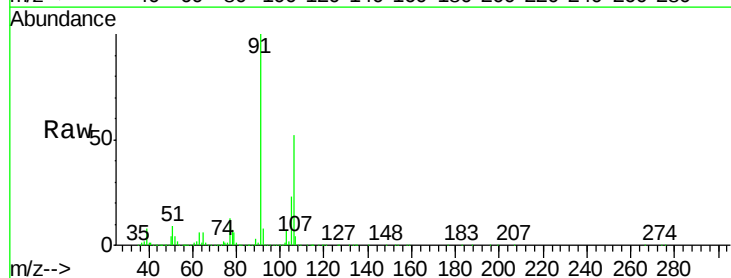
Acq: 24 Jan 2019 19:55

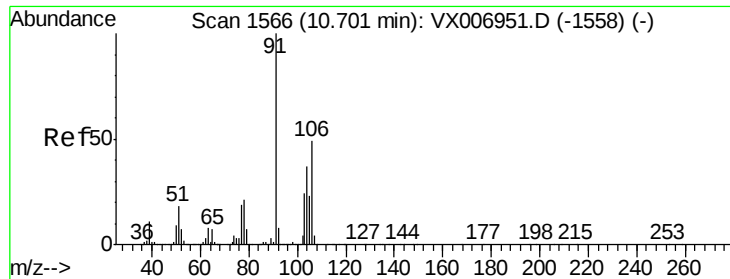
Tgt Ion: 106 Resp: 844226

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





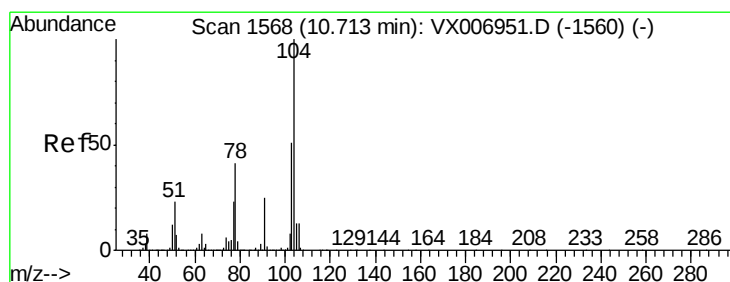
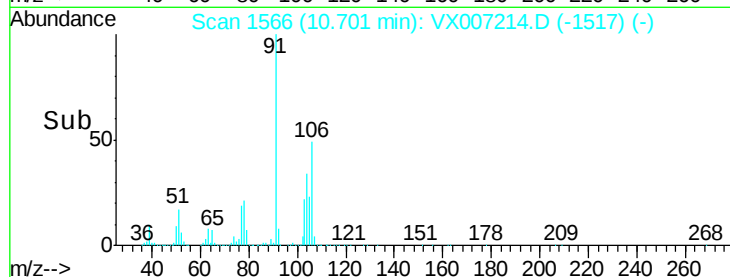
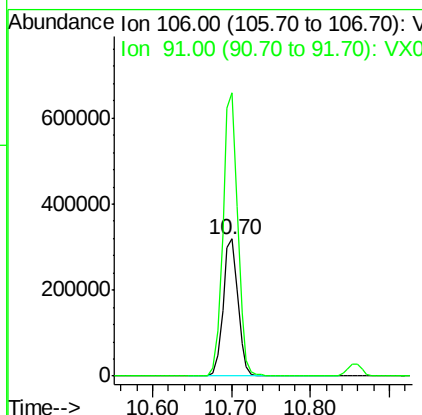
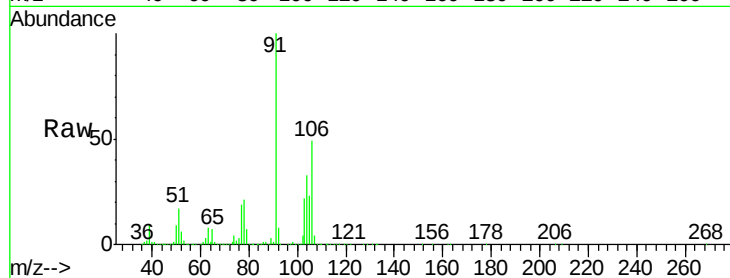
#69
o-Xylene
Concen: 49.011 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	205.4	101.3	303.7	

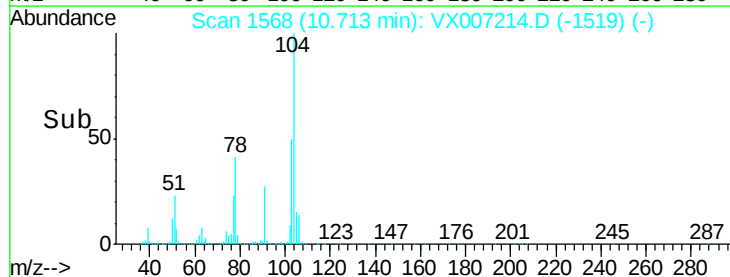
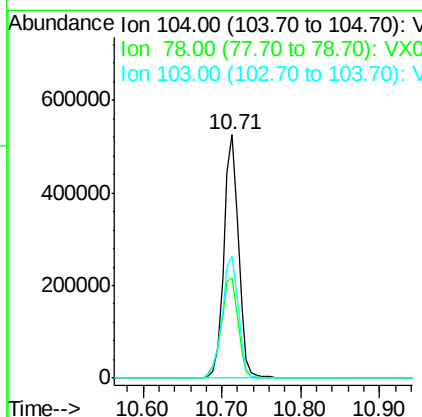
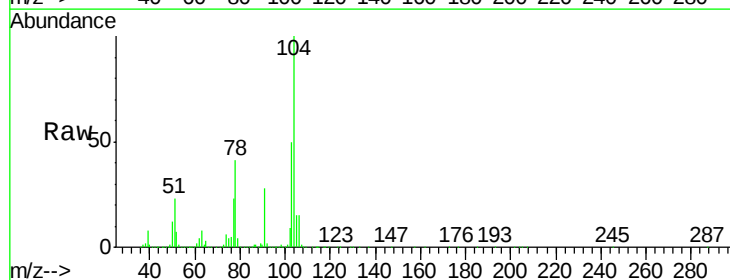
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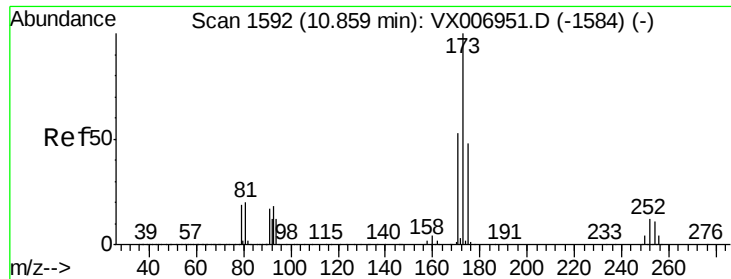
MMDadoda
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#70
Styrene
Concen: 50.127 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.6	37.7	56.5	
103	55.9	43.8	65.8	





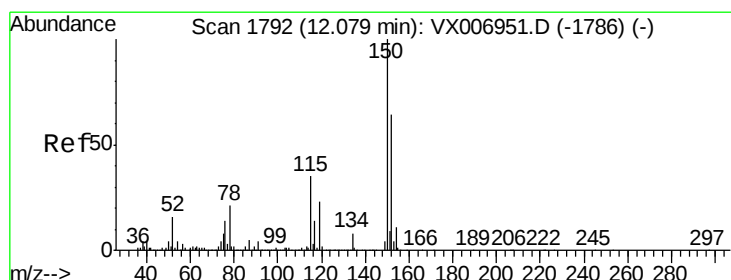
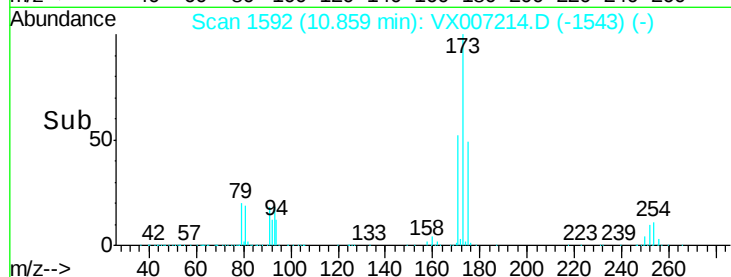
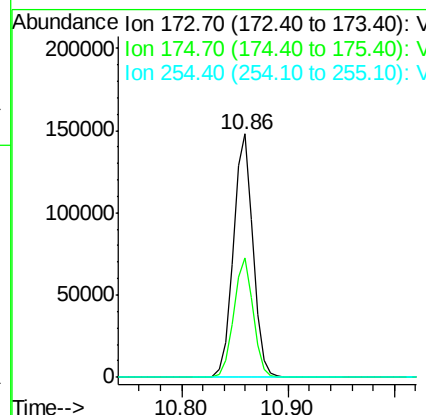
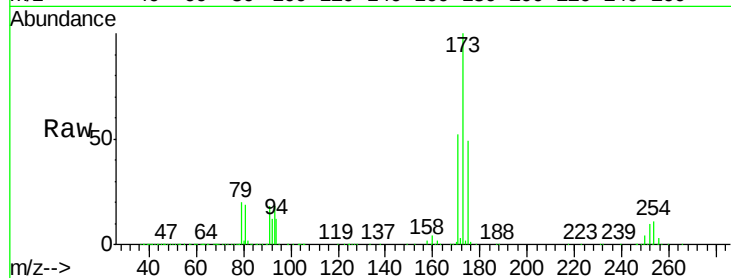
#71
Bromoform
Concen: 47.327 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

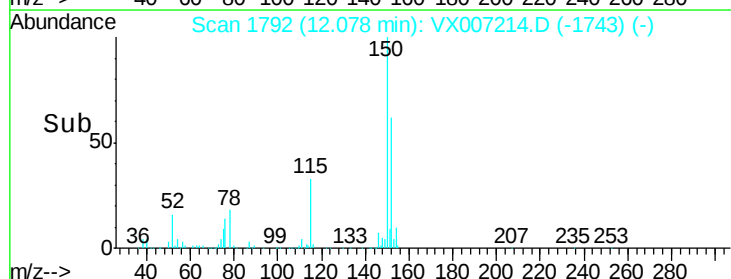
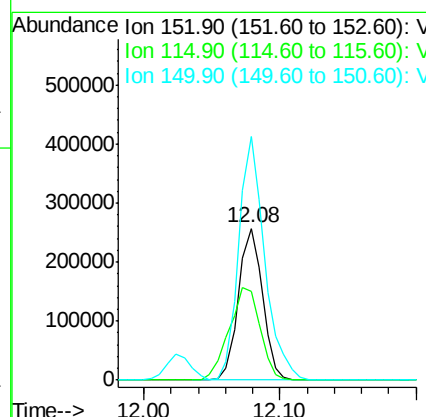
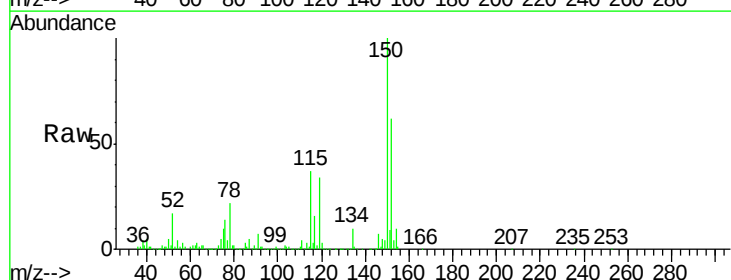
Manual Integrations
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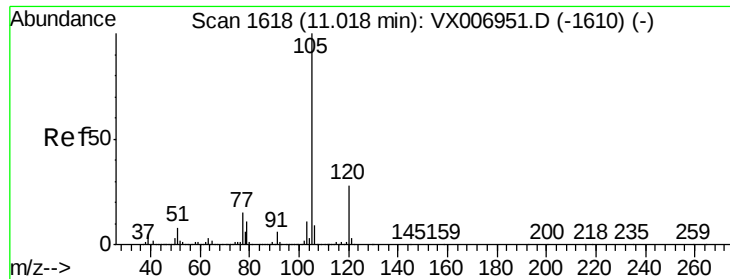
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.9	39.1	117.2
150	173.1	0.0	344.8





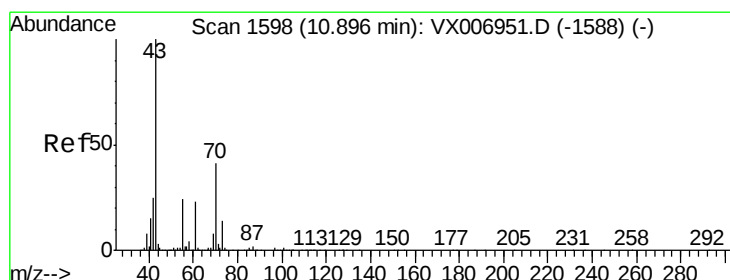
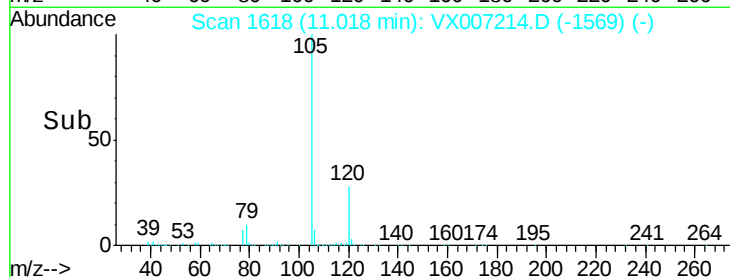
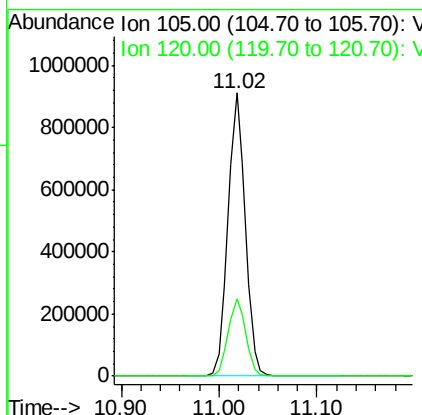
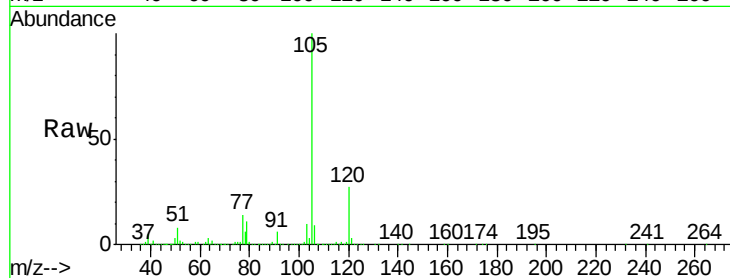
#73
Isopropylbenzene
Concen: 50.074 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1120572
Ion Ratio Lower Upper
105 100
120 27.8 14.1 42.4

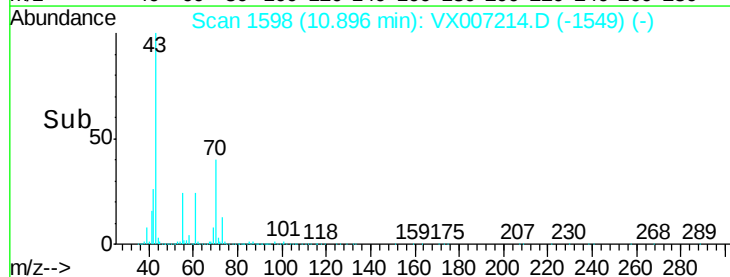
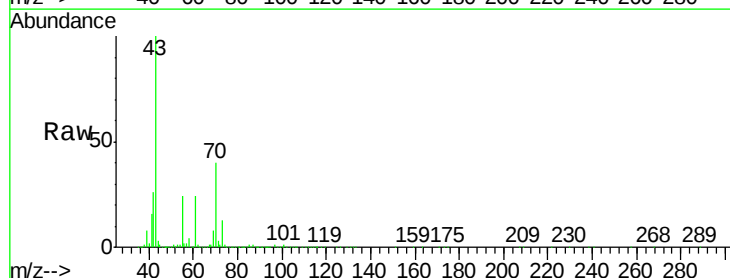
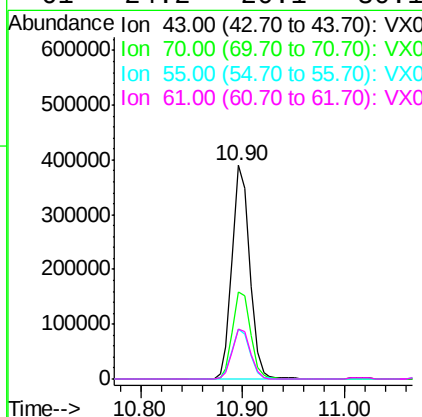
Manual Integrations
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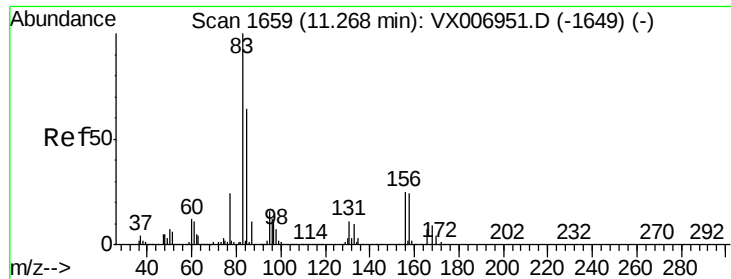
MMDadoda
1/25/2019 10:31:15 AM



#74
N-ethyl acetate
Concen: 51.556 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion: 43 Resp: 464523
Ion Ratio Lower Upper
43 100
70 41.9 35.8 53.8
55 23.8 19.4 29.0
61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.961 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

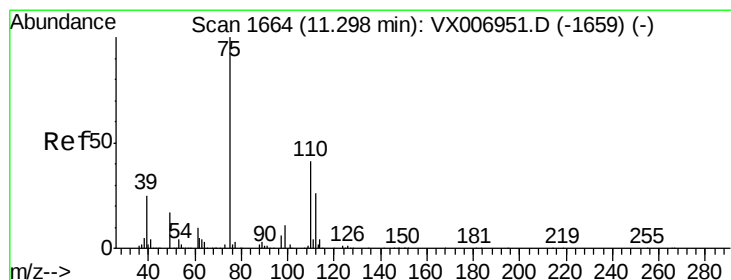
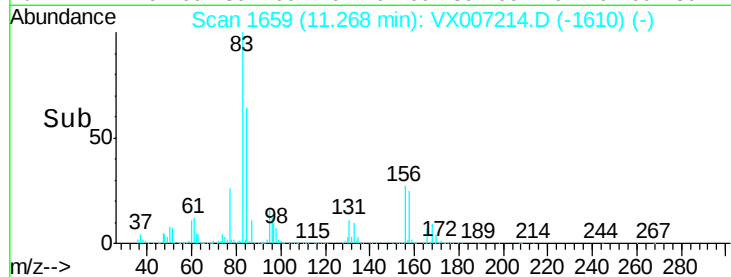
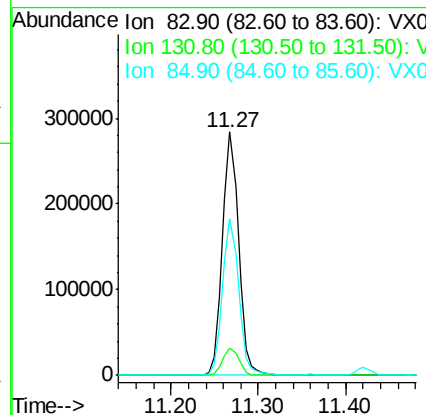
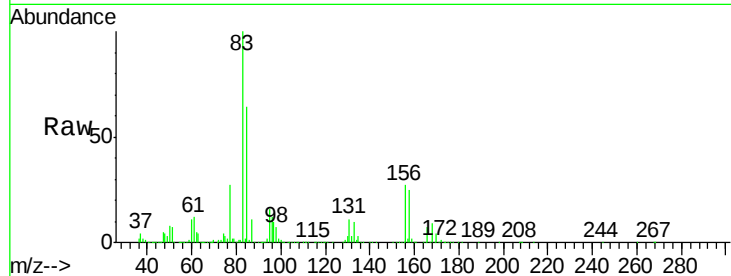
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	362047
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	64.7	32.2	96.6

Manual Integrations
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1/25/2019 10:31:15 AM



#76

1,2,3-Trichloropropane

Concen: 51.008 ug/l m

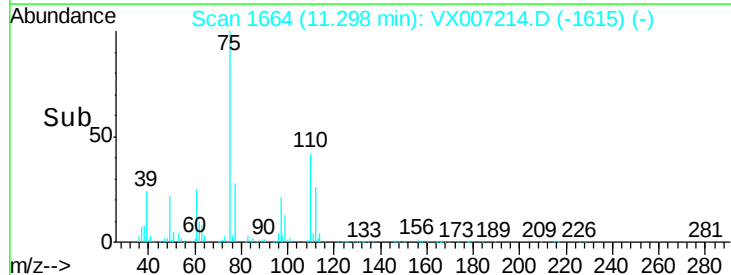
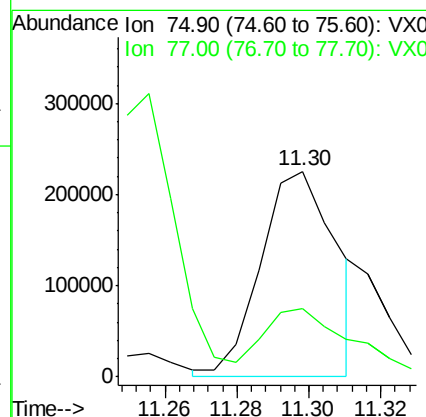
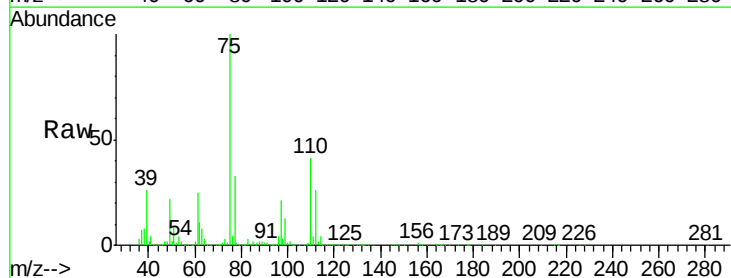
RT: 11.30 min Scan# 1664

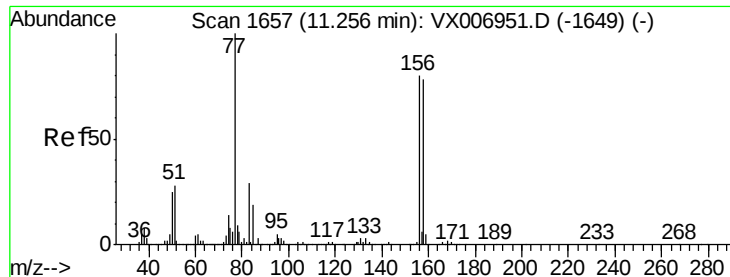
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	75	Resp:	328040
Ion Ratio	Lower	Upper	
75	100		
77	39.2	18.5	55.5





#77

Bromobenzene

Concen: 48.797 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

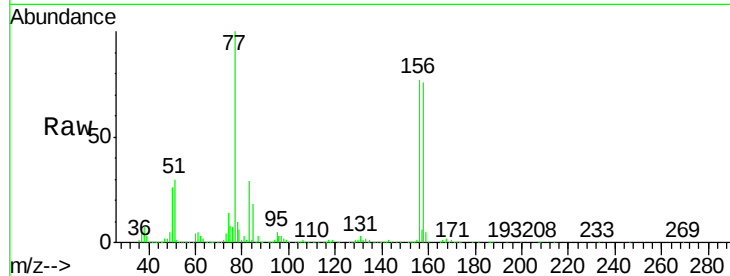
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	300886
Ion Ratio	Lower	Upper	
156	100		
77	135.6	68.0	204.0
158	96.7	48.3	144.8

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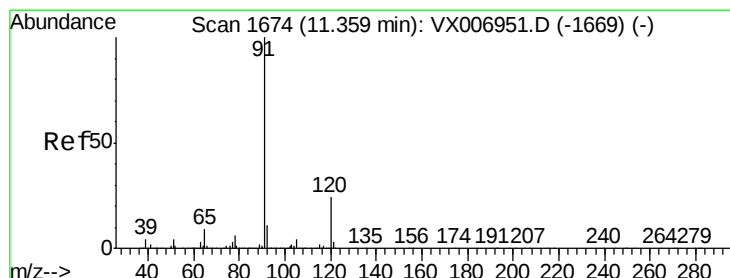
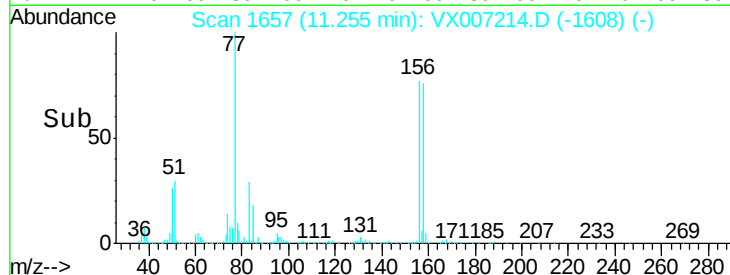
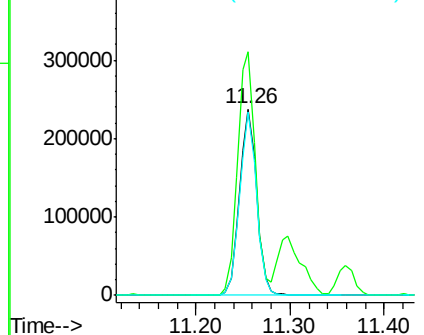
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.754 ug/l

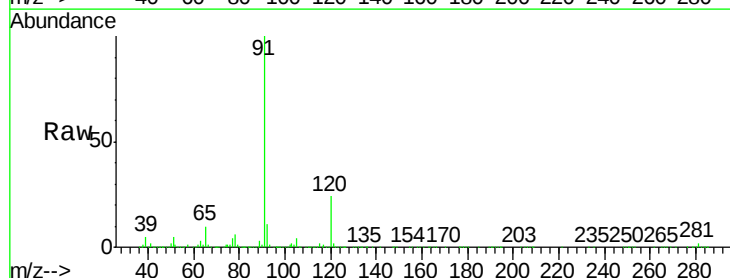
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007214.D

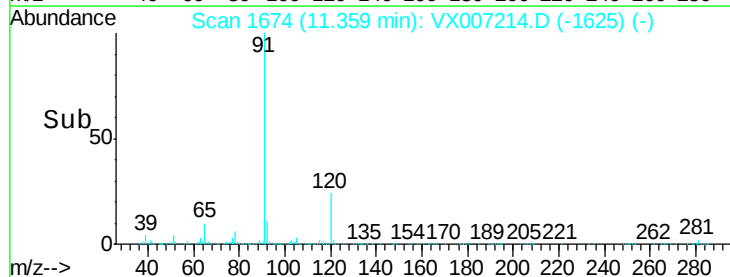
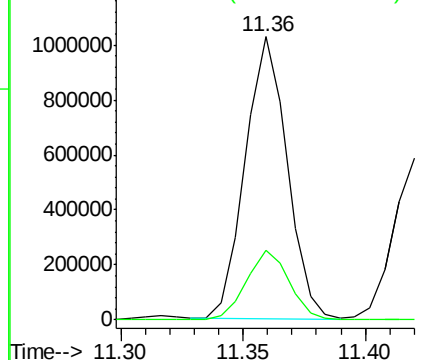
Acq: 24 Jan 2019 19:55

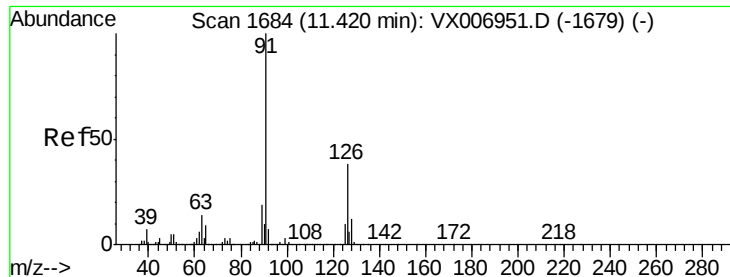
Tgt Ion:	91	Resp:	1222280
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.7	38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.854 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 722456

Ion Ratio Lower Upper

91 100

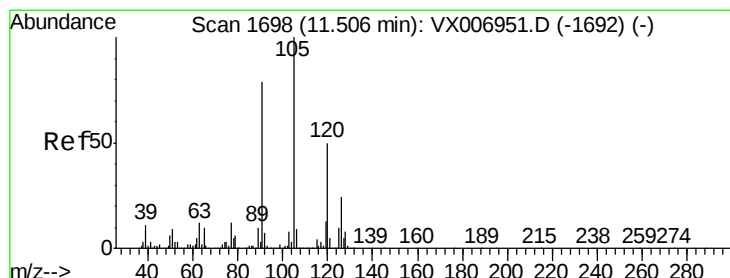
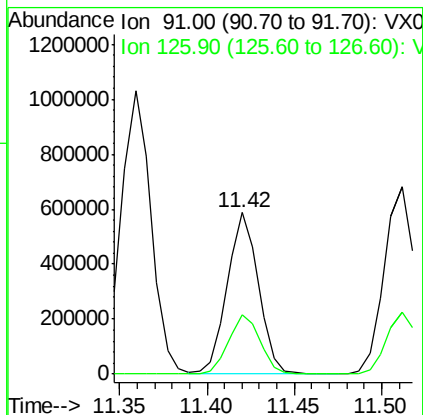
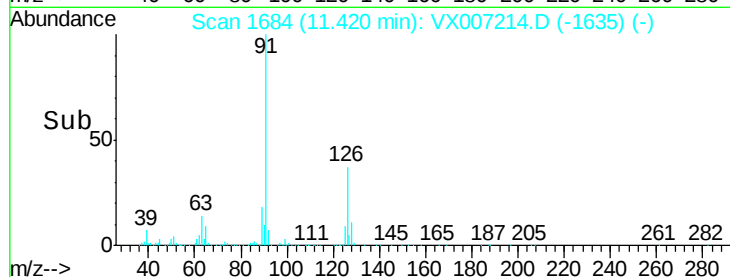
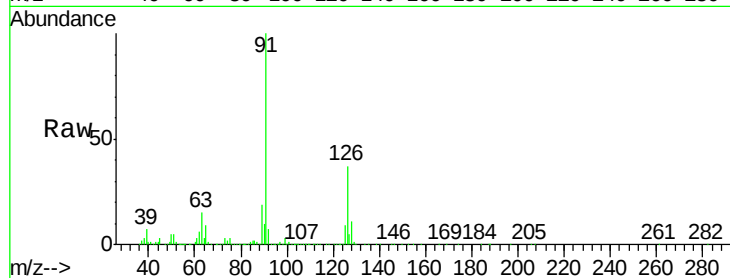
126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 48.767 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007214.D

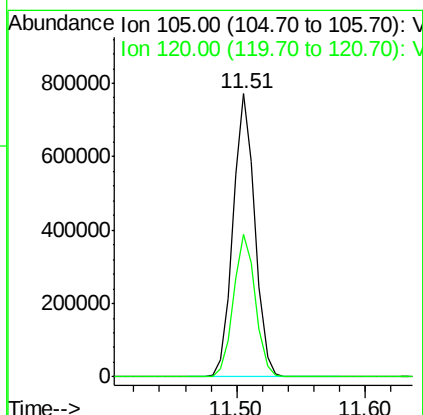
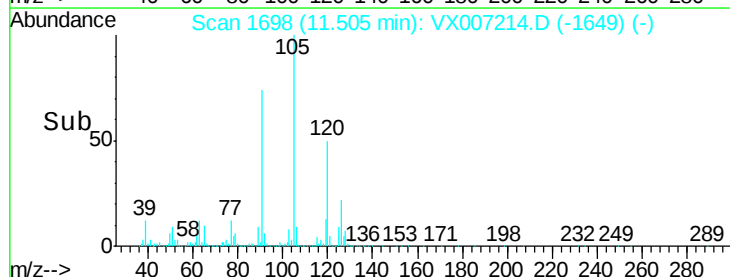
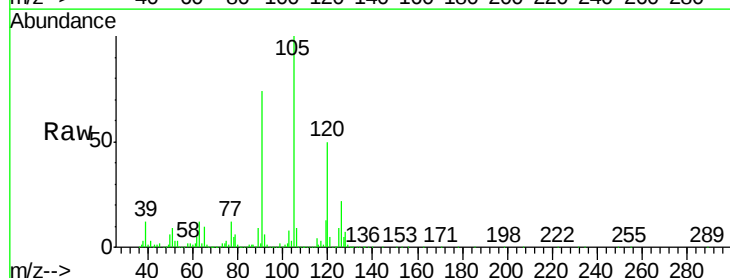
Acq: 24 Jan 2019 19:55

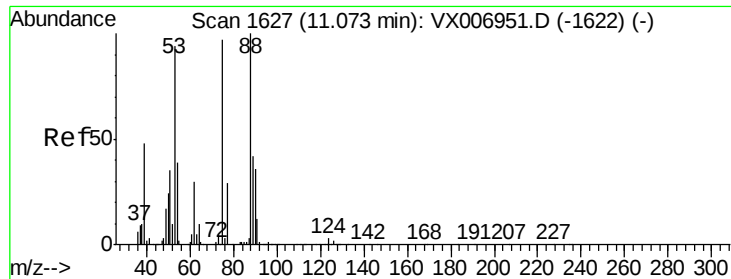
Tgt Ion: 105 Resp: 911884

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





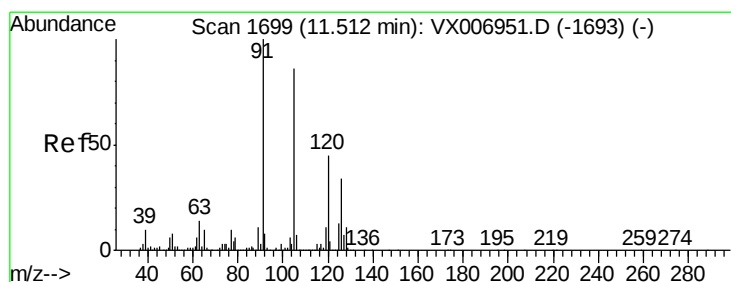
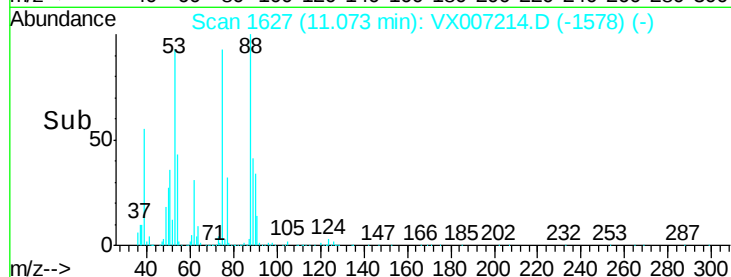
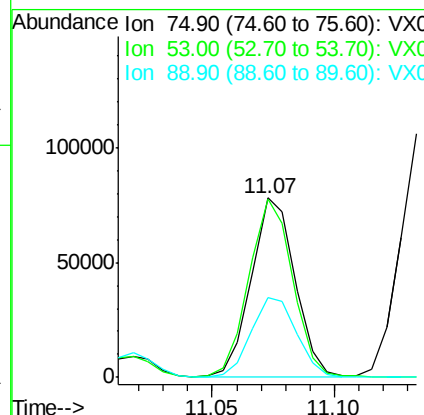
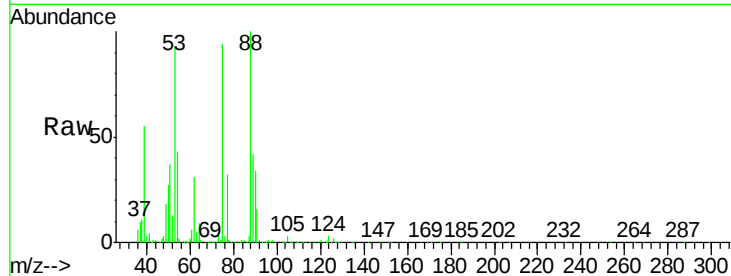
#81
trans-1,4-Dichloro-2-butene
Concen: 45.707 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	79.7	119.5
89	47.0	38.0	57.0

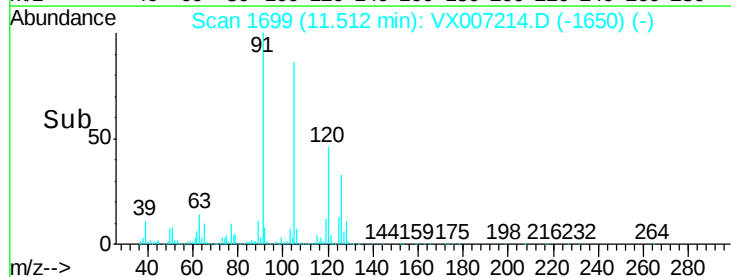
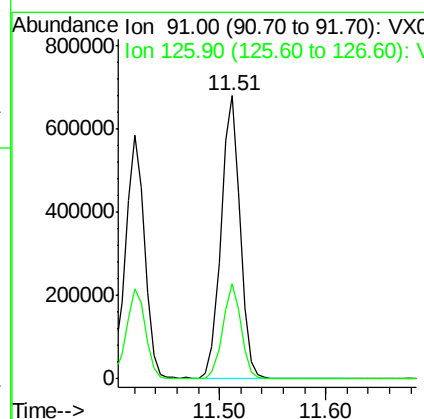
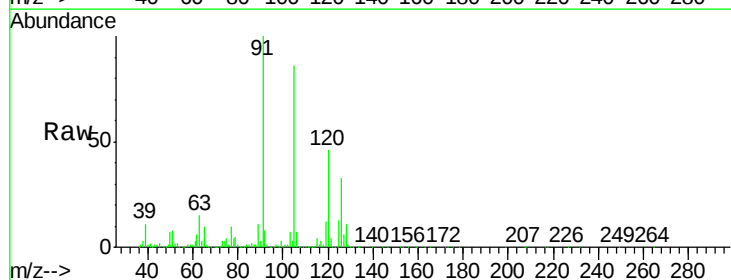
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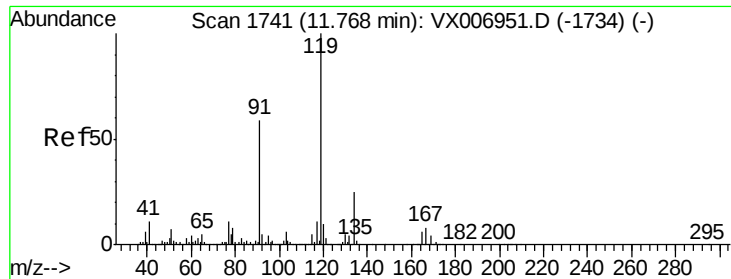
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#82
4-Chlorotoluene
Concen: 49.259 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.9





#83

tert-Butylbenzene

Concen: 50.331 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

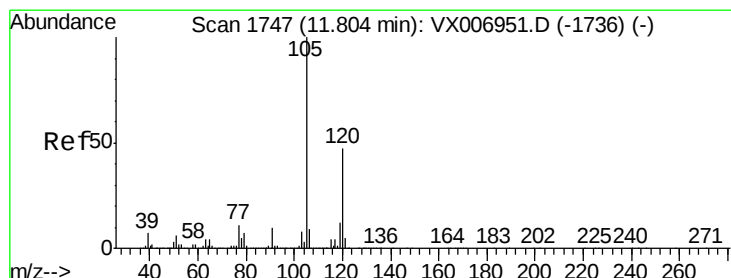
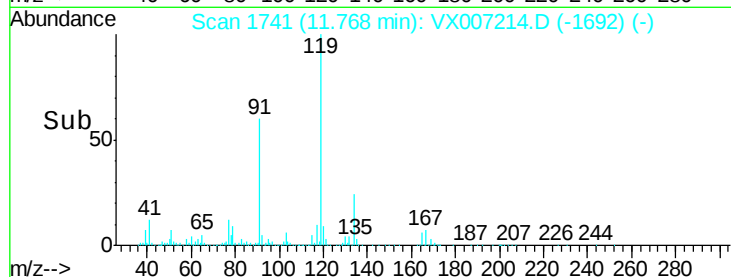
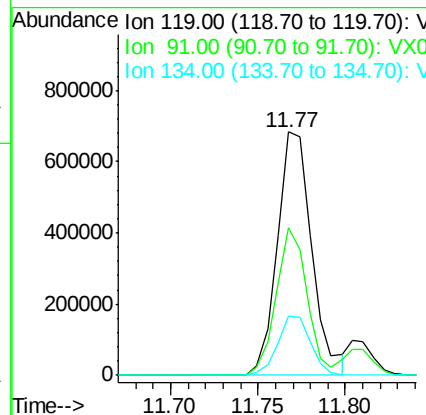
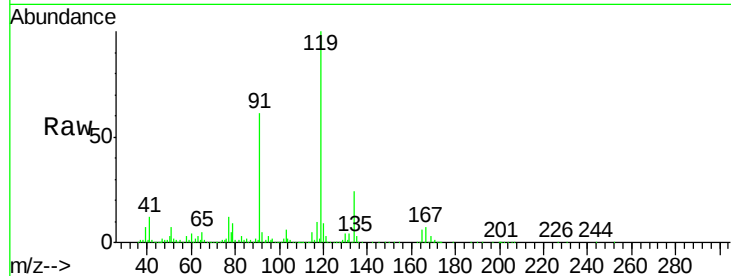
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	939000
Ion Ratio	Lower	Upper	
119	100		
91	54.4	27.7	83.1
134	23.4	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 49.513 ug/l

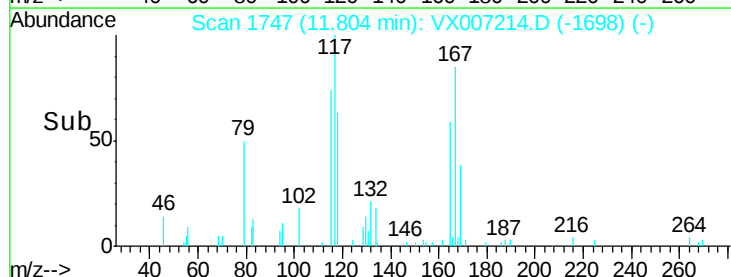
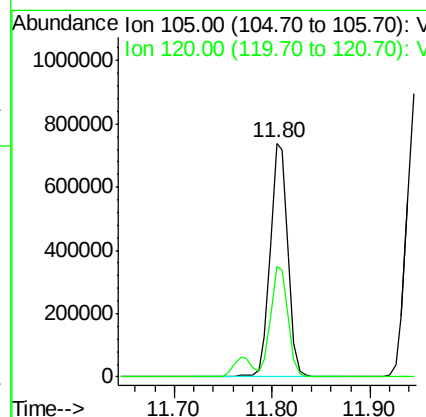
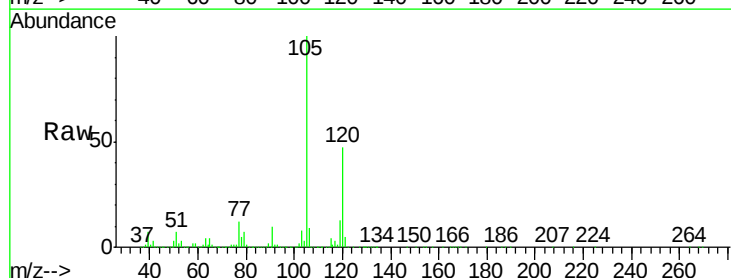
RT: 11.80 min Scan# 1747

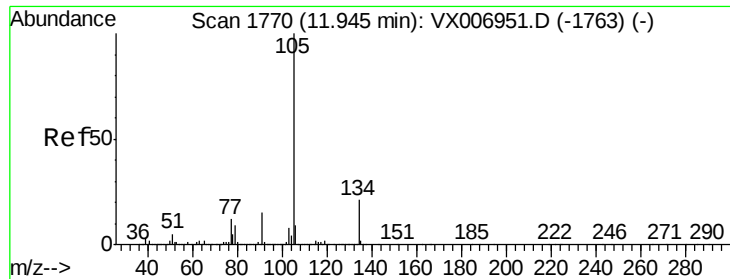
Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	105	Resp:	931010
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 49.726 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1107933

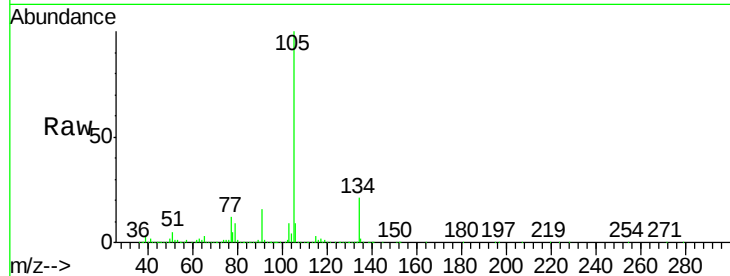
Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9

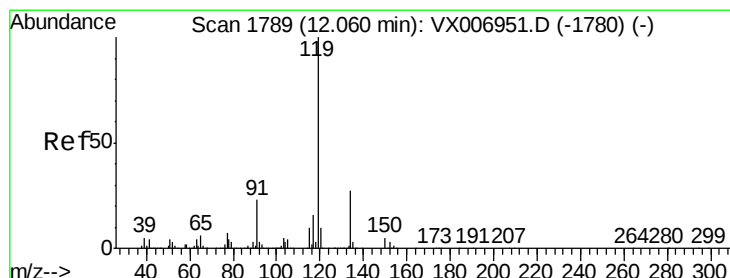
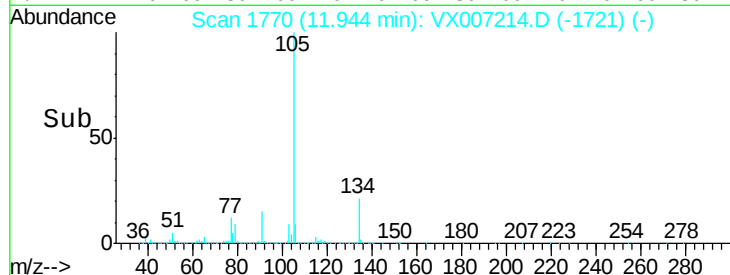
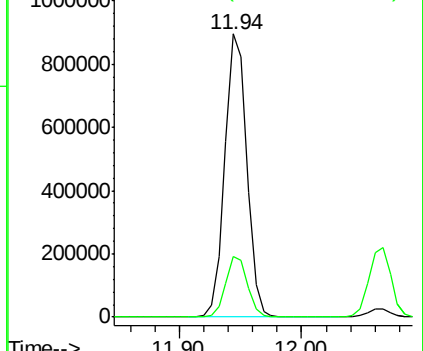
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.465 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

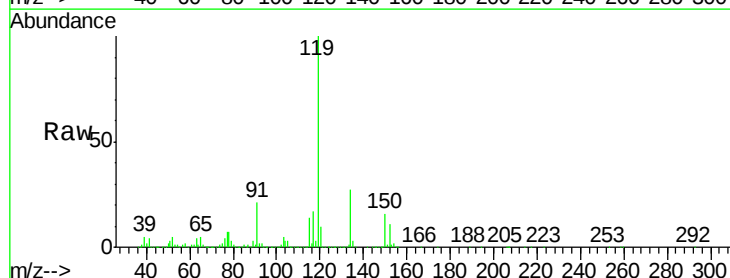
Tgt Ion:119 Resp: 1005735

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

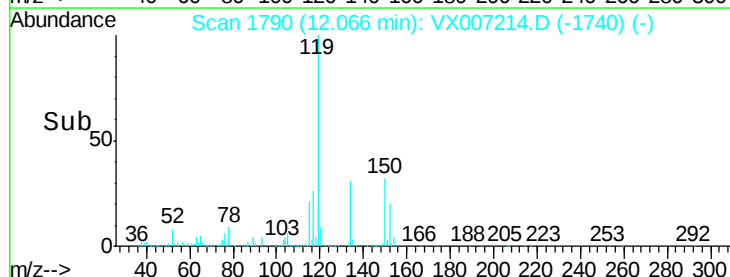
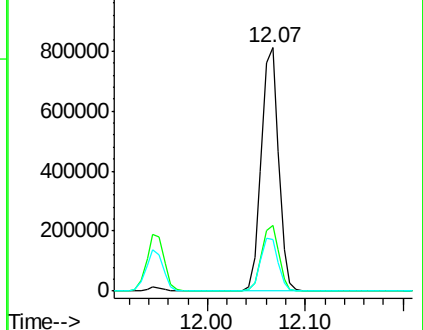
91 22.1 11.3 33.9



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





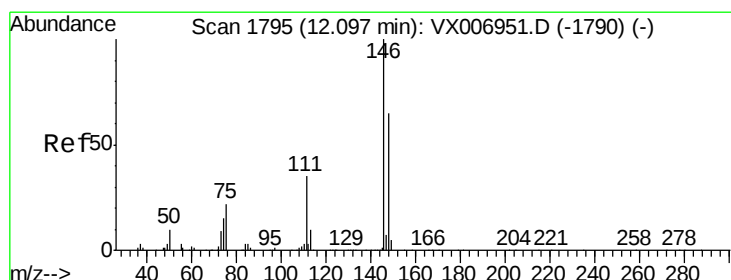
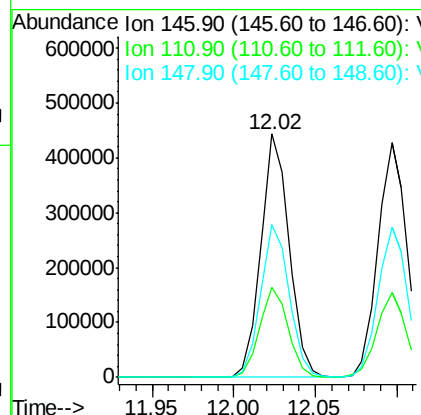
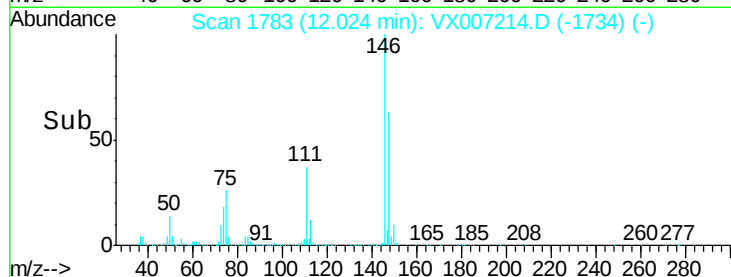
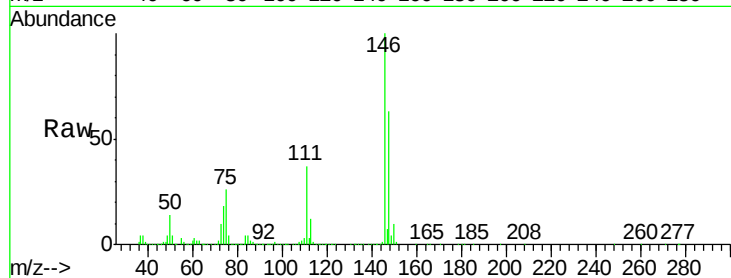
#87
 1,3-Dichlorobenzene
 Concen: 48.076 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	63.8	31.8	95.3

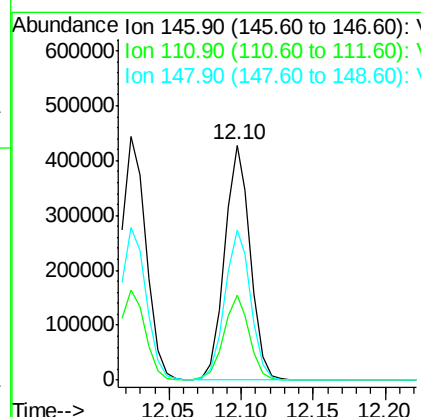
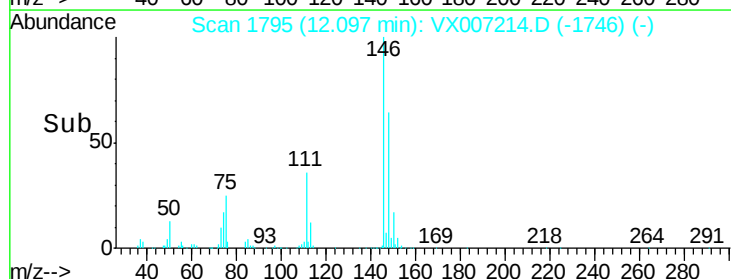
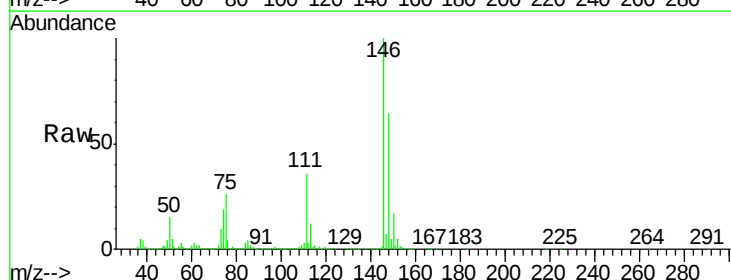
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#88
 1,4-Dichlorobenzene
 Concen: 50.669 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007214.D
 Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.6	31.9	95.9





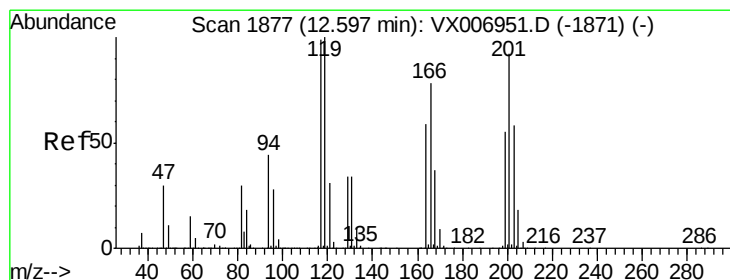
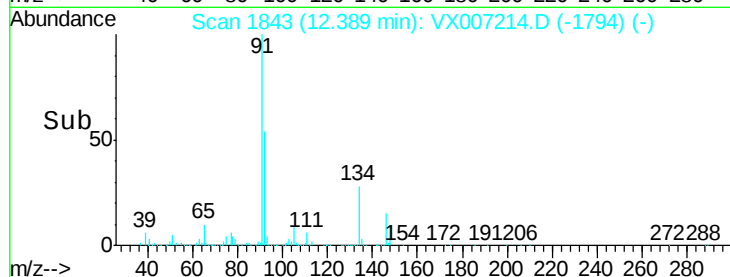
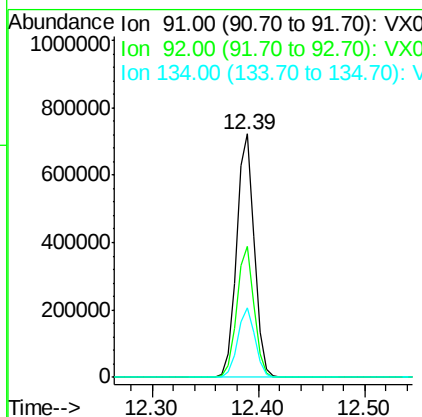
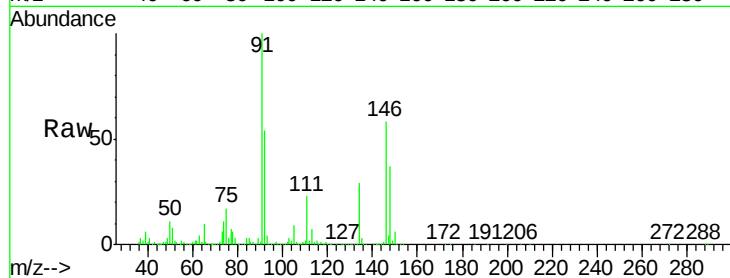
#89
n-Butylbenzene
Concen: 49.397 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.1	14.4	43.2

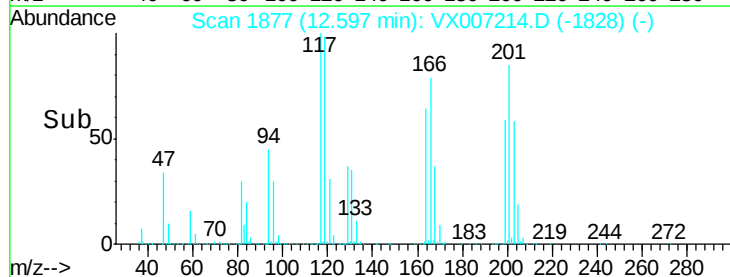
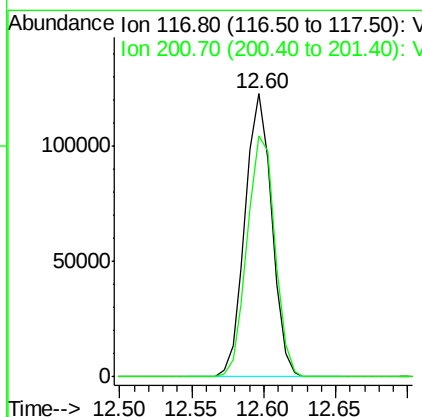
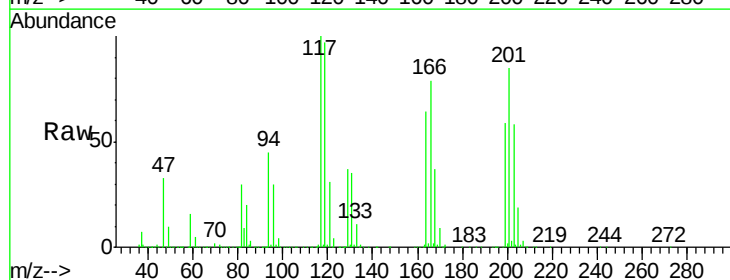
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#90
Hexachloroethane
Concen: 49.699 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.772 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

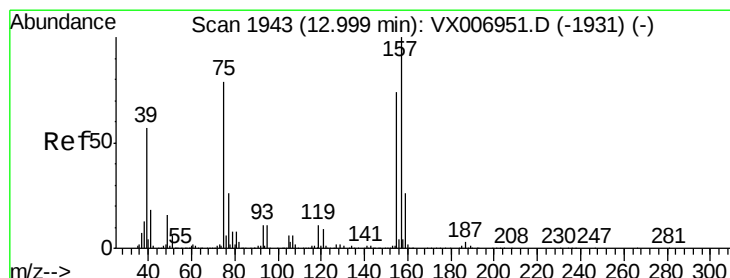
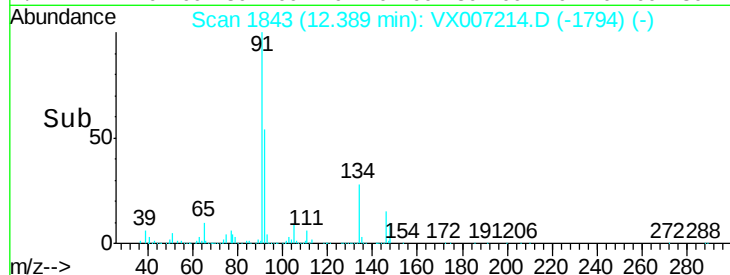
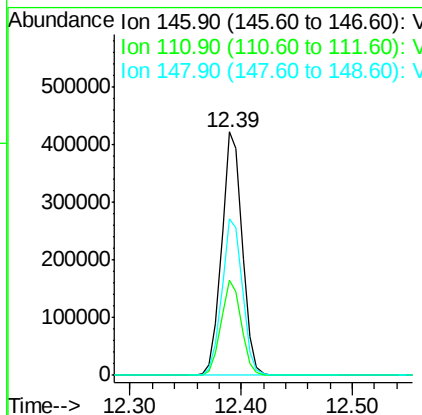
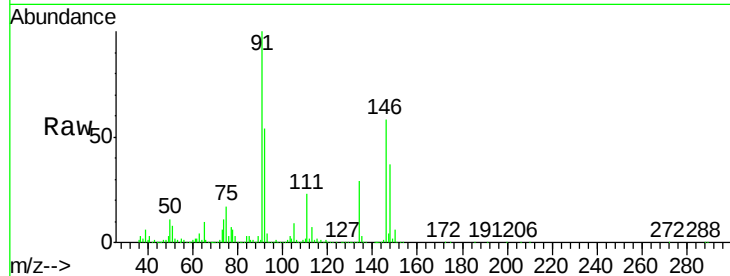
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	536424
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.2
148	64.7	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.544 ug/l

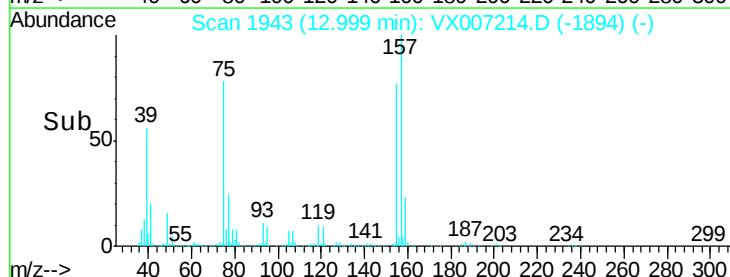
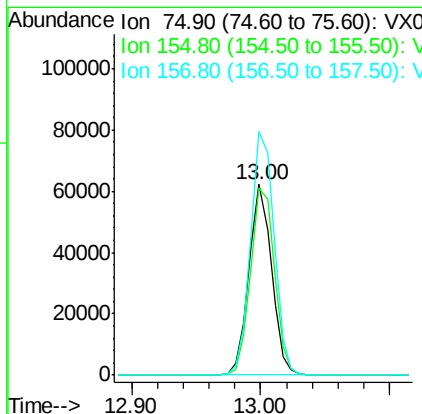
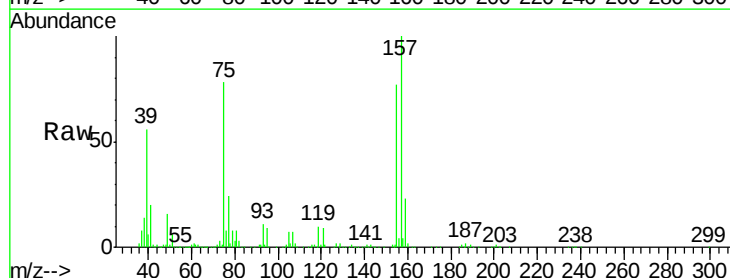
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Tgt Ion:	75	Resp:	75233
Ion Ratio	Lower	Upper	
75	100		
155	103.8	50.6	151.8
157	132.5	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 49.510 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007214.D

Acq: 24 Jan 2019 19:55

Instrument :

MSVOA_X

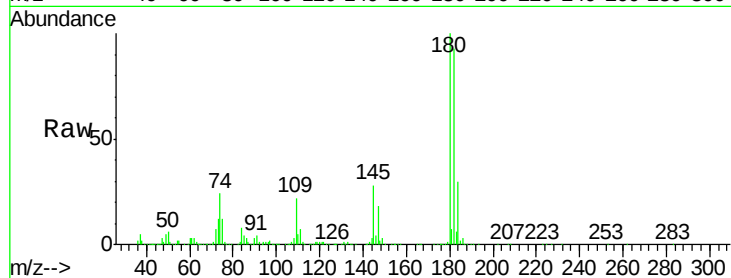
ClientSampleId :

VSTDCCC050EC

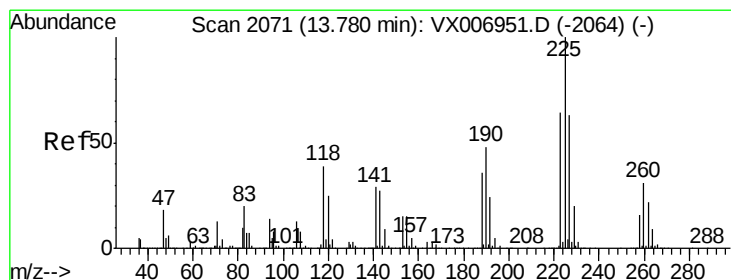
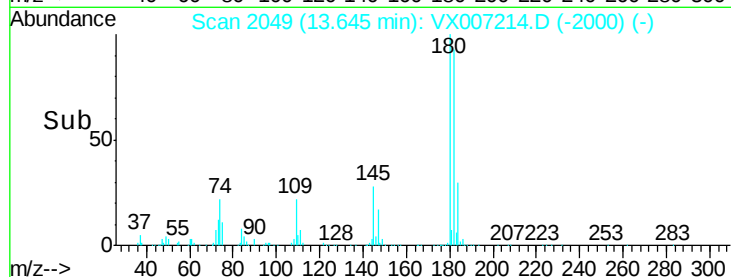
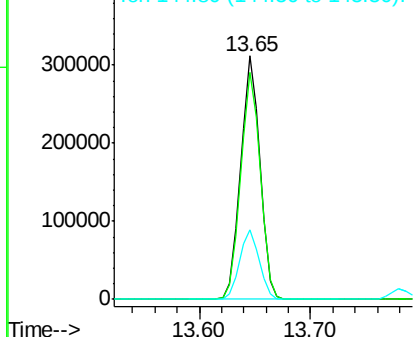
Tot Ion:	180	Resp:	373595
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	142.0
145	28.7	14.8	44.3

Manual Integrations
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MMDadoda
1/25/2019 10:31:15 AM



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



#94

Hexachlorobutadiene

Concen: 52.601 ug/l

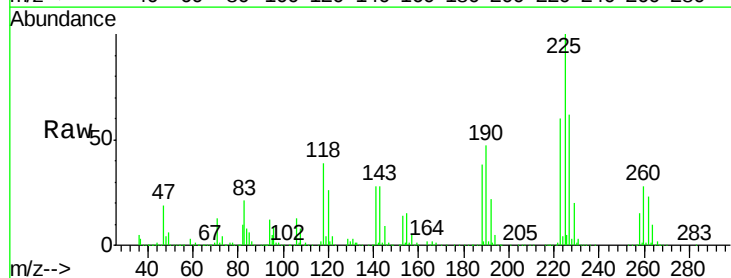
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

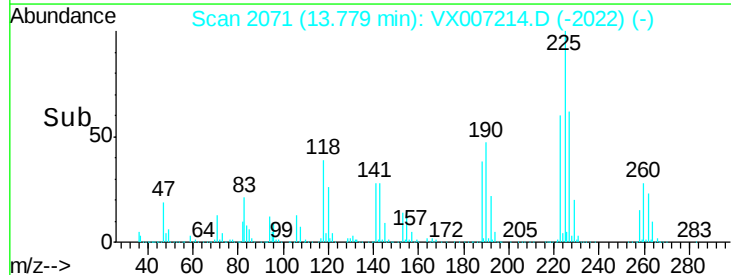
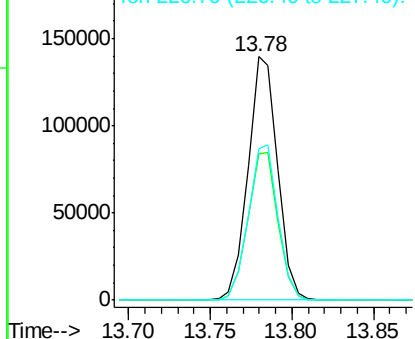
Lab File: VX007214.D

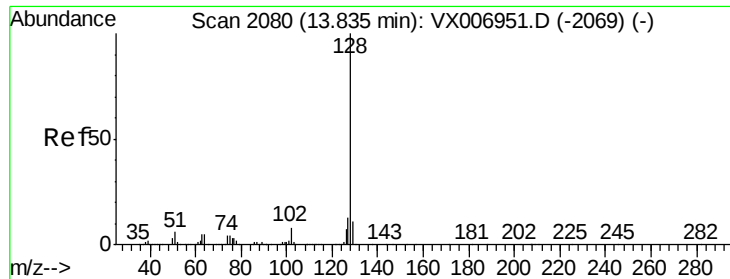
Acq: 24 Jan 2019 19:55

Tgt Ion:	225	Resp:	176138
Ion Ratio	Lower	Upper	
225	100		
223	61.8	32.1	96.3
227	64.1	32.3	96.8



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





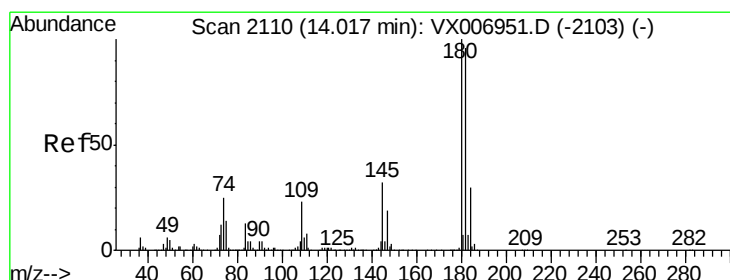
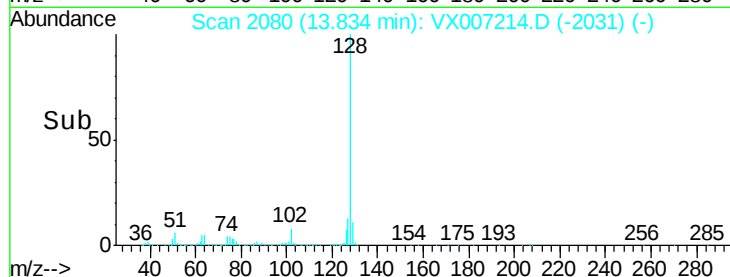
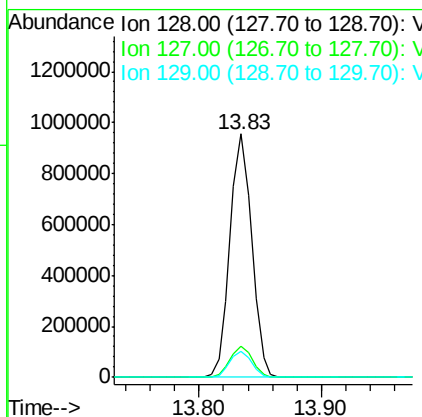
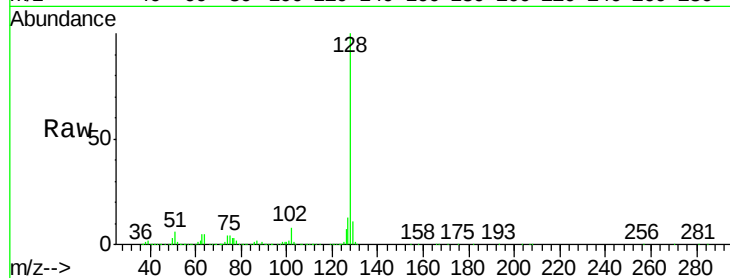
#95
Naphthalene
Concen: 51.390 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1175047
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.573 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007214.D
Acq: 24 Jan 2019 19:55

Tgt Ion:180 Resp: 379090
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.5
145 30.8 16.0 47.9

