

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007305.D
 Acq On : 30 Jan 2019 10:58
 Operator : JC/SP
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:26 AM

Quant Time: Jan 31 00:50:44 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	518298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	700489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	232427	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
35) Dibromofluoromethane	5.51	113	213412	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	8.71	98	783296	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
62) 4-Bromofluorobenzene	11.13	95	286050	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68819	16.169	ug/l	99
3) Chloromethane	1.33	50	78475	15.838	ug/l	95
4) Vinyl Chloride	1.41	62	88870	16.674	ug/l	98
5) Bromomethane	1.64	94	92571	16.256	ug/l	98
6) Chloroethane	1.72	64	61211	16.447	ug/l	96
7) Trichlorofluoromethane	1.93	101	149848	17.400	ug/l	99
8) Diethyl Ether	2.19	74	62159	18.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88987	17.259	ug/l	99
10) Methyl Iodide	2.51	142	129465	18.615	ug/l	99
11) Tert butyl alcohol	3.06	59	116962	91.537	ug/l	99
12) 1,1-Dichloroethene	2.38	96	78537	16.487	ug/l	98
13) Acrolein	2.30	56	57245	105.682	ug/l	96
14) Allyl chloride	2.73	41	141018	17.273	ug/l	97
15) Acrylonitrile	3.15	53	278028	94.785	ug/l	99
16) Acetone	2.45	43	255052	95.246	ug/l	96
17) Carbon Disulfide	2.57	76	158943	12.960	ug/l	99
18) Methyl Acetate	2.78	43	158380	20.423	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	304004	18.387	ug/l	96
20) Methylene Chloride	2.86	84	97340	18.758	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	86139	16.227	ug/l	99
22) Diisopropyl ether	3.87	45	280399	18.270	ug/l	98
23) Vinyl Acetate	3.82	43	1139780	88.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	159035	18.531	ug/l	97
25) 2-Butanone	4.70	43	361231	94.277	ug/l	96
26) 2,2-Dichloropropane	4.58	77	117456	17.798	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101539	17.341	ug/l	97
28) Bromochloromethane	5.02	49	60738	16.154	ug/l	95
29) Tetrahydrofuran	5.15	42	229720	92.255	ug/l	96
30) Chloroform	5.21	83	169548	18.869	ug/l	98
31) Cyclohexane	5.58	56	122172	15.995	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	135937	17.849	ug/l	97
36) 1,1-Dichloropropene	5.81	75	111503	16.713	ug/l	99
37) Ethyl Acetate	4.85	43	133263	18.631	ug/l	98
38) Carbon Tetrachloride	5.78	117	117871	17.560	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134760	15.844	ug/l	95
40) Benzene	6.14	78	362373	17.801	ug/l	97
41) Methacrylonitrile	5.06	41	75901	18.421	ug/l	97
42) 1,2-Dichloroethane	6.20	62	125269	17.807	ug/l	100
43) Isopropyl Acetate	6.46	43	206567	18.309	ug/l	98
44) Trichloroethene	7.21	130	105762	17.337	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94777	18.519	ug/l	98
46) Dibromomethane	7.66	93	65905	18.323	ug/l	99
47) Bromodichloromethane	7.90	83	114010	18.622	ug/l	95
48) Methyl methacrylate	7.77	41	105453	18.201	ug/l	99
49) 1,4-Dioxane	7.75	88	50780	378.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	717083	98.900	ug/l	99
52) Toluene	8.78	92	232125	17.741	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	122758	18.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137953	18.401	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103875	19.834	ug/l	98
56) Ethyl methacrylate	9.18	69	145315	19.007	ug/l	94
57) 1,3-Dichloropropane	9.37	76	162814	18.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349958	89.025	ug/l	99
59) 2-Hexanone	9.49	43	545775	98.776	ug/l	98
60) Dibromochloromethane	9.59	129	100124	19.689	ug/l	97
61) 1,2-Dibromoethane	9.67	107	107977	18.728	ug/l	99
64) Tetrachloroethene	9.34	164	113312	18.684	ug/l	93
65) Chlorobenzene	10.14	112	275001	18.000	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	96621	18.800	ug/l	99
67) Ethyl Benzene	10.25	91	449437	17.819	ug/l	98
68) m/p-Xylenes	10.36	106	349990	35.220	ug/l	100
69) o-Xylene	10.70	106	175235	18.082	ug/l	99
70) Styrene	10.71	104	280985	18.307	ug/l	99
71) Bromoform	10.86	173	72986	19.100	ug/l #	97
73) Isopropylbenzene	11.02	105	465330	18.311	ug/l	99
74) N-amyl acetate	10.90	43	185514	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152065	18.848	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	140315m	19.212	ug/l	
77) Bromobenzene	11.26	156	126340	18.043	ug/l	98
78) n-propylbenzene	11.36	91	510072	18.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	306396	18.245	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378188	17.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37275	18.020	ug/l	91
82) 4-Chlorotoluene	11.51	91	351027	18.053	ug/l	99
83) tert-Butylbenzene	11.77	119	389049	18.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	387522	18.148	ug/l	100
85) sec-Butylbenzene	11.94	105	460910	18.216	ug/l	99
86) p-Isopropyltoluene	12.06	119	411751	18.193	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227224	17.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229851	19.257	ug/l	99
89) n-Butylbenzene	12.39	91	343651	17.812	ug/l	98
90) Hexachloroethane	12.60	117	61065	18.826	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	225037	18.017	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29493	18.484	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

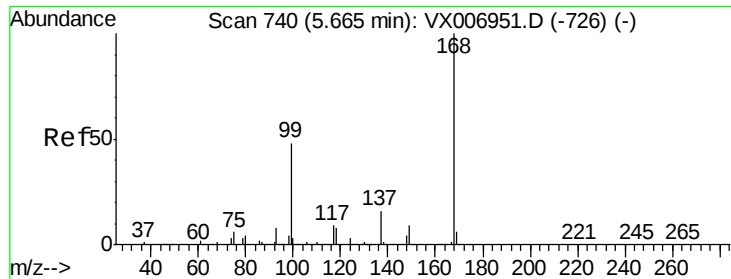
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154553	18.036	ug/l	100
94) Hexachlorobutadiene	13.78	225	73007	19.199	ug/l	97
95) Naphthalene	13.83	128	478619	18.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154672	18.170	ug/l	98

(#) = 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: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion:168 Resp: 518298

Ion Ratio Lower Upper

168 100

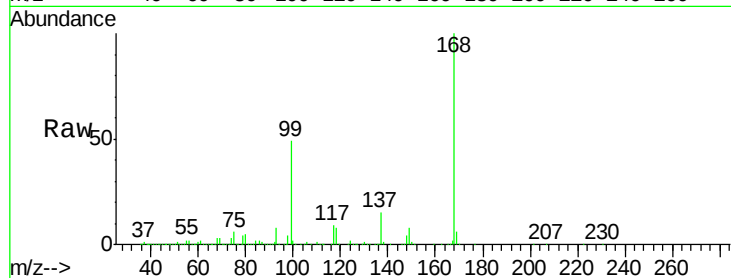
99 48.4 41.8 62.8

Manual Integrations

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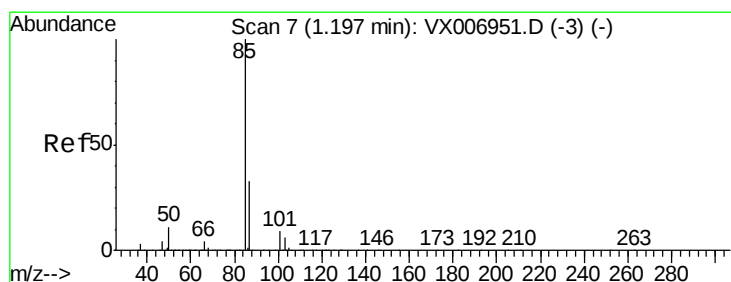
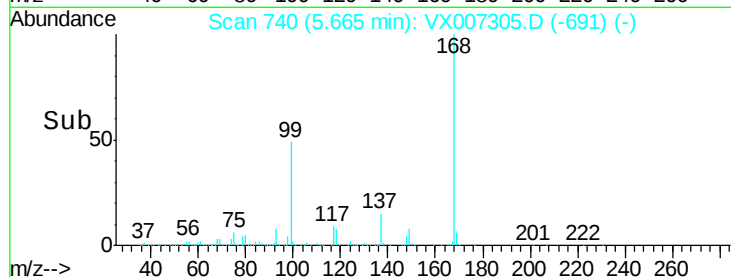
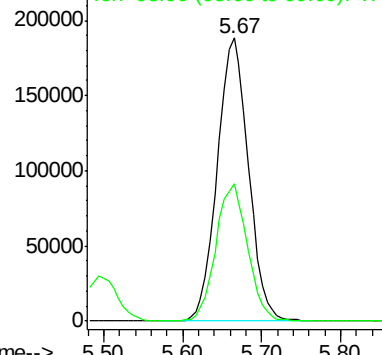
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.169 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007305.D

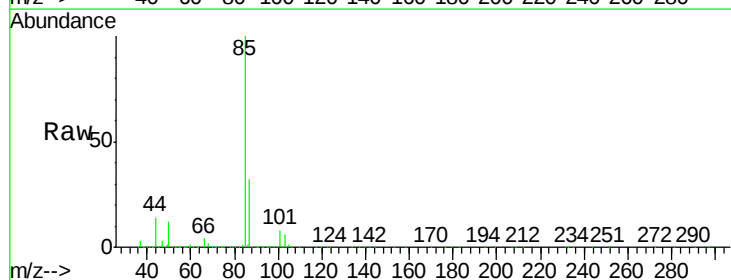
Acq: 30 Jan 2019 10:58

Tgt Ion: 85 Resp: 68819

Ion Ratio Lower Upper

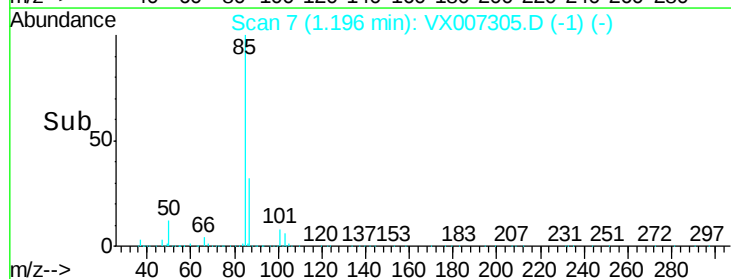
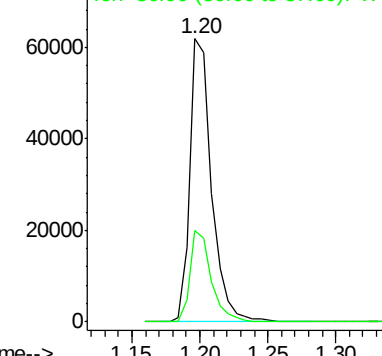
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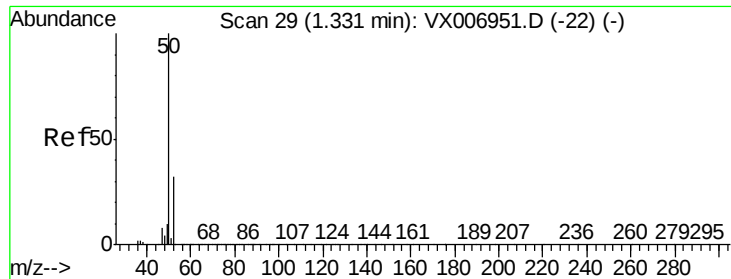
87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





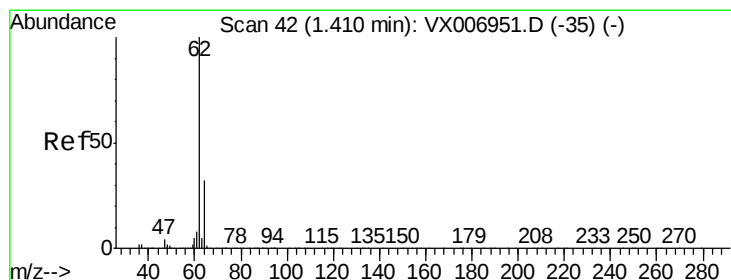
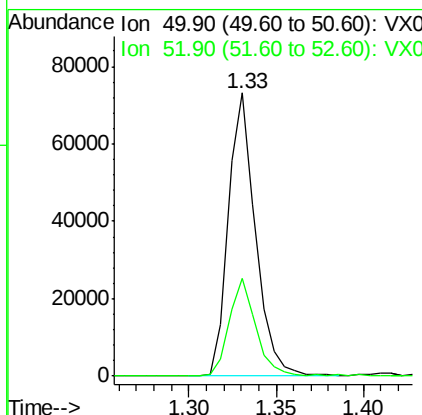
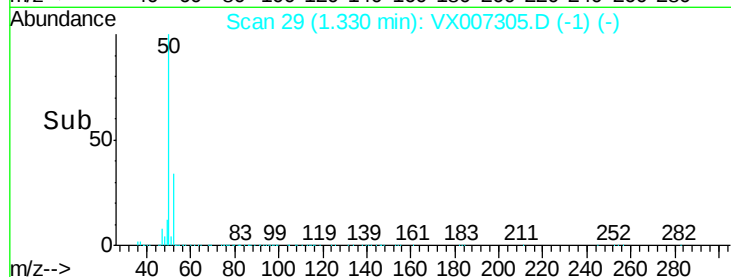
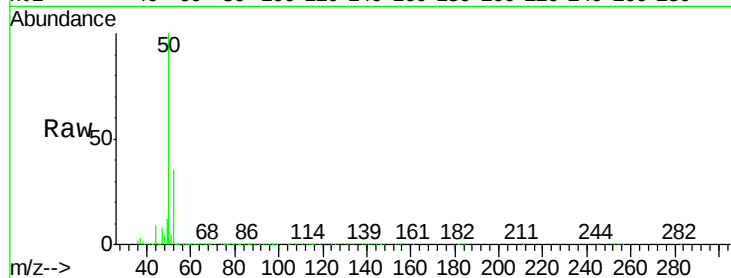
#3
Chloromethane
Concen: 15.838 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.4	38.2

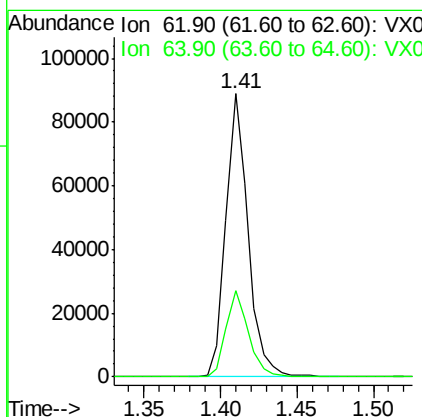
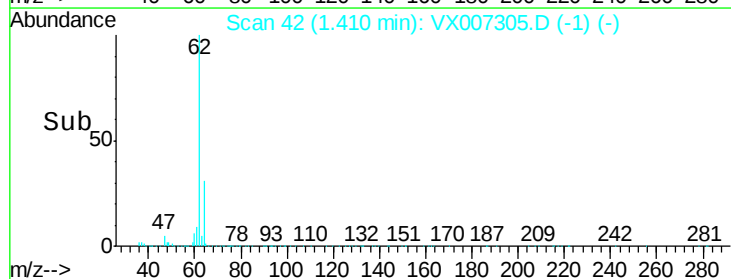
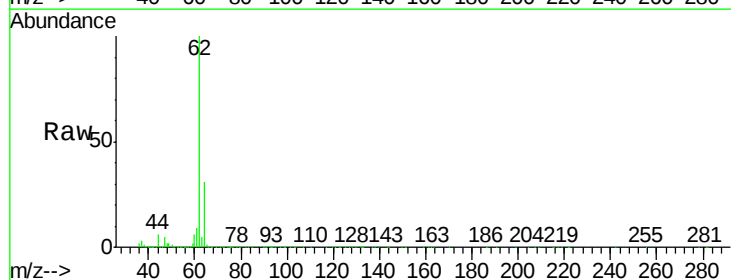
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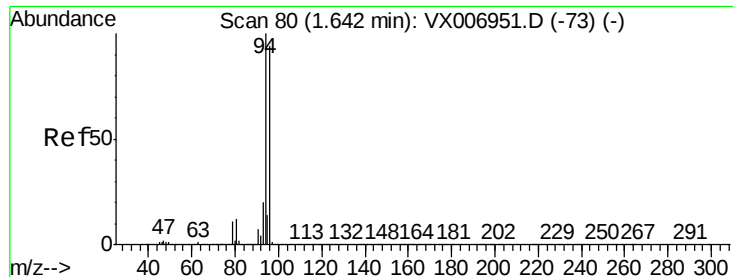
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#4
Vinyl Chloride
Concen: 16.674 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	25.1	37.7





#5

Bromomethane

Concen: 16.256 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 94 Resp: 92571

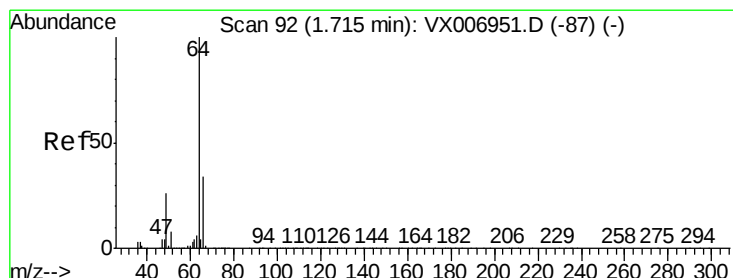
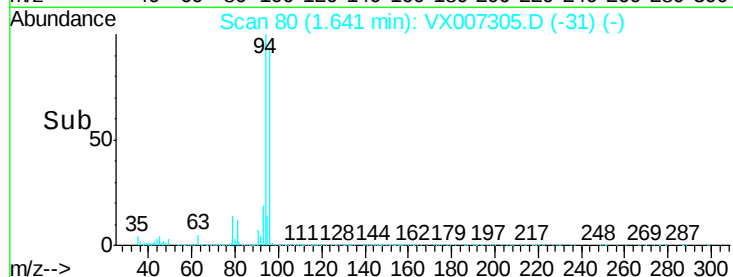
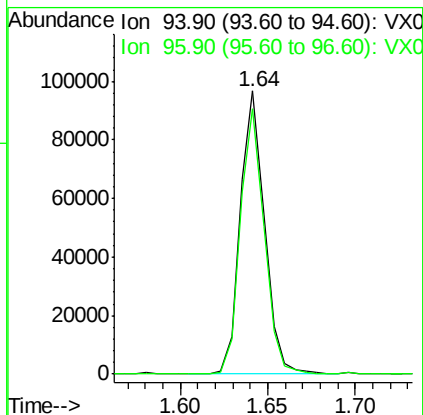
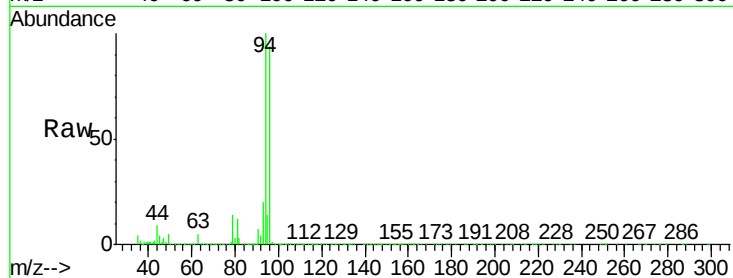
Ion Ratio Lower Upper

94 100

96 93.9 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 16.447 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007305.D

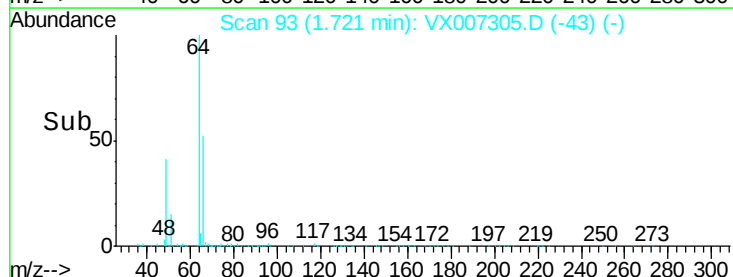
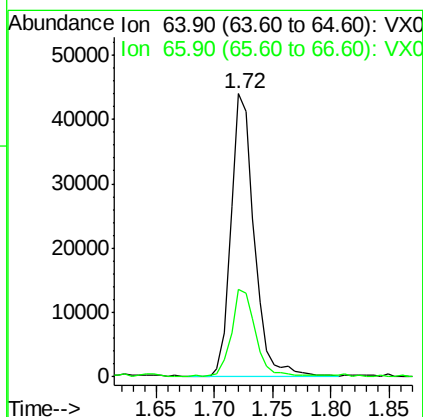
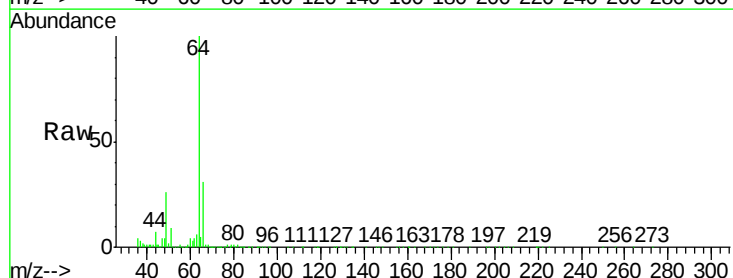
Acq: 30 Jan 2019 10:58

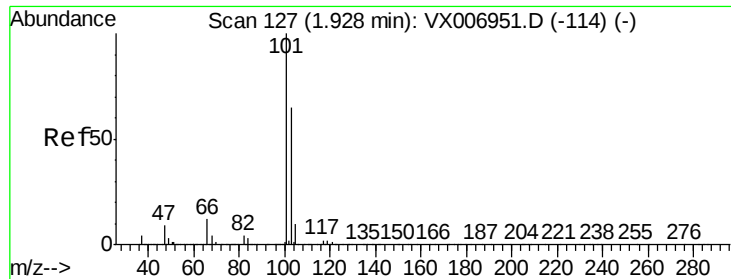
Tgt Ion: 64 Resp: 61211

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6





#7

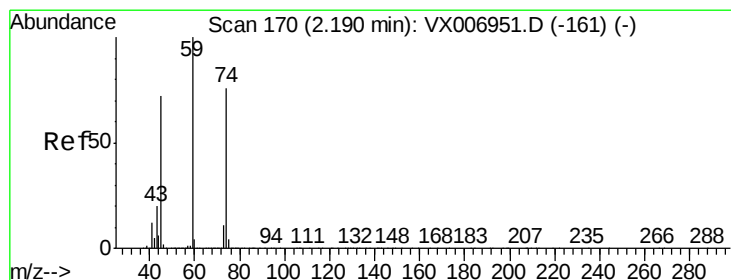
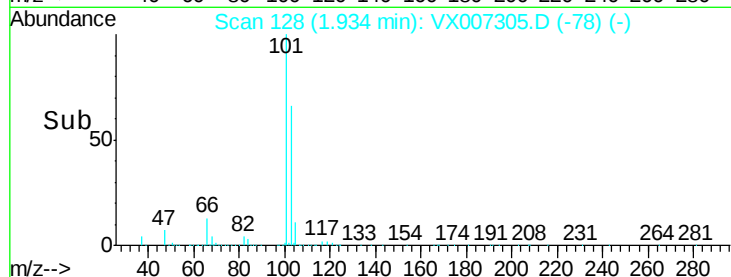
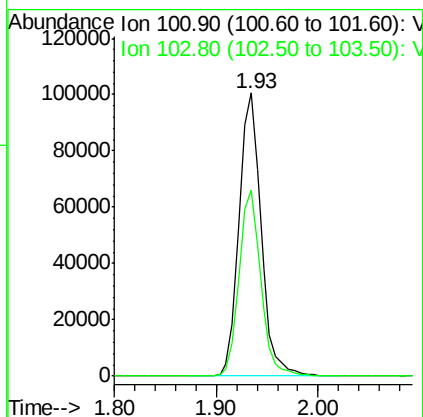
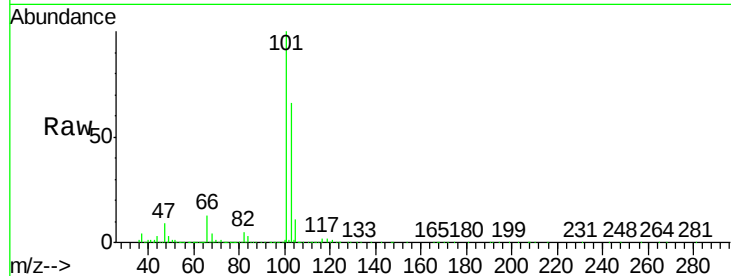
Trichlorofluoromethane
Concen: 17.400 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
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ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.2	79.8

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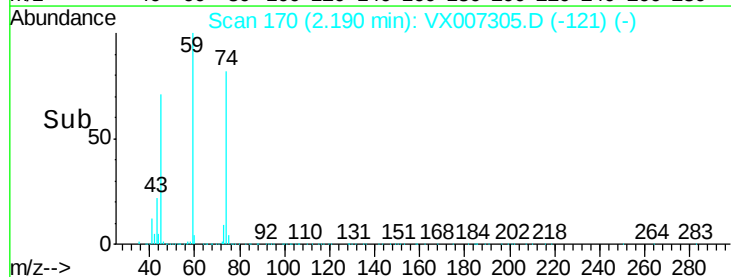
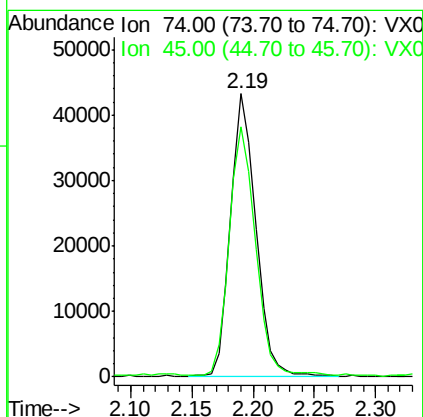
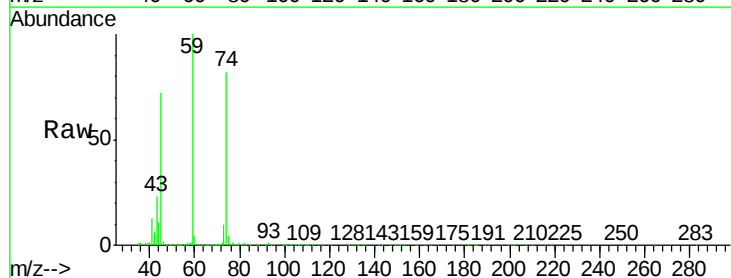
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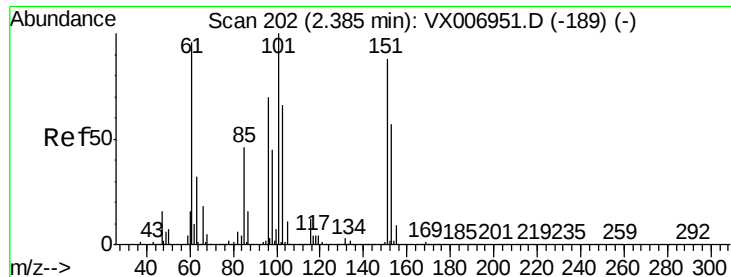


#8

Diethyl Ether
Concen: 18.142 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.259 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

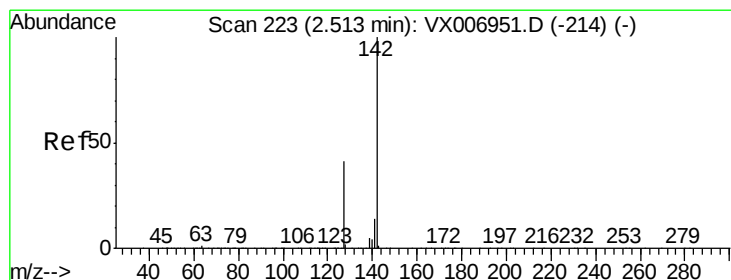
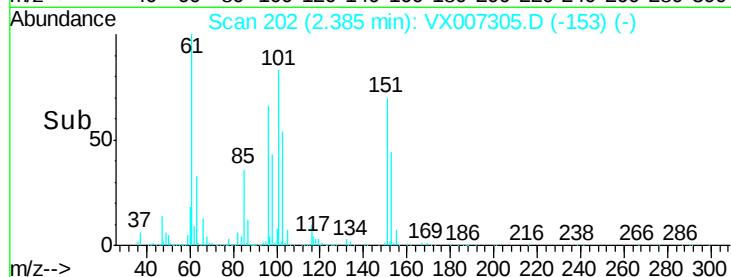
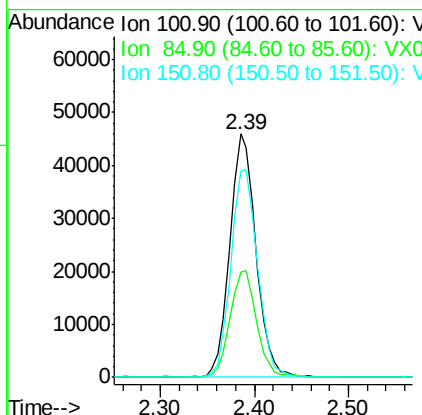
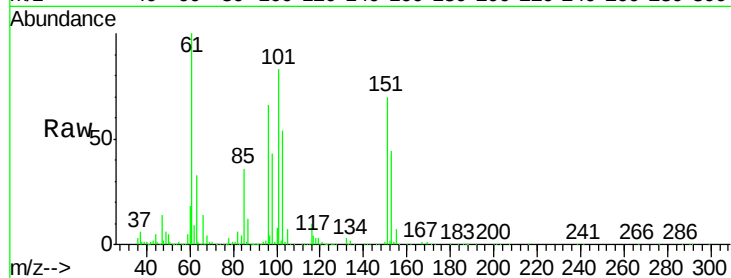
ClientSampleId :

VX0130WBSD01

Tot Ion:	101	Resp:	88987
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.1	52.7
151	87.1	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.615 ug/l

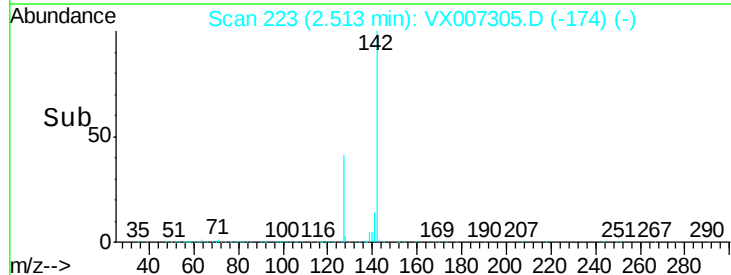
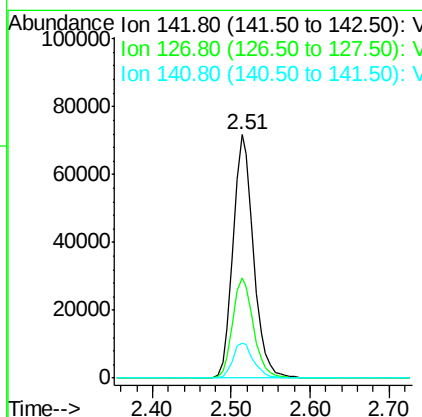
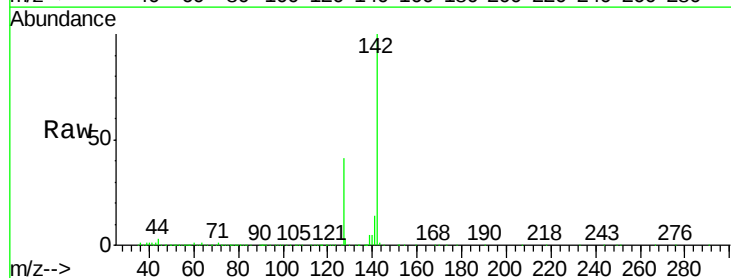
RT: 2.51 min Scan# 223

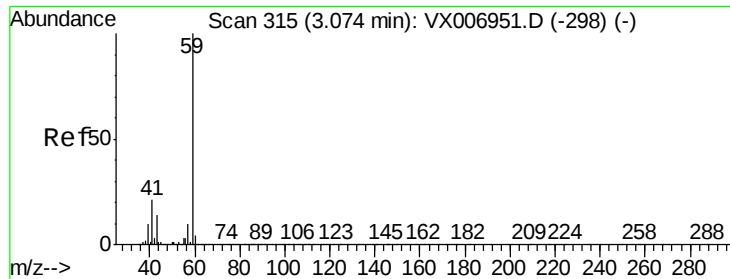
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	142	Resp:	129465
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.9	50.9
141	14.8	11.4	17.0





#11

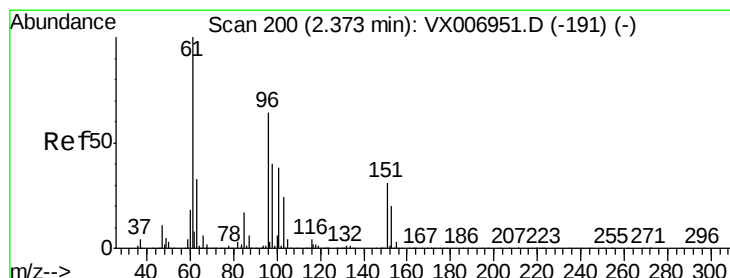
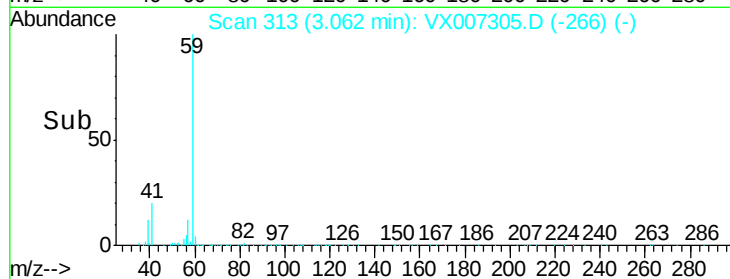
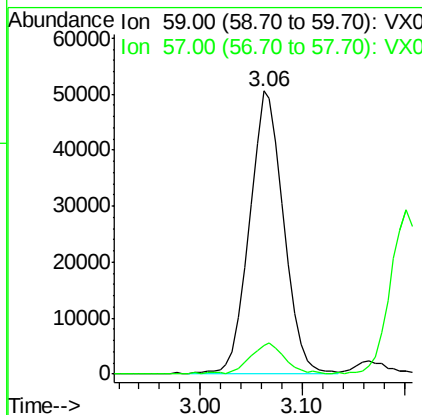
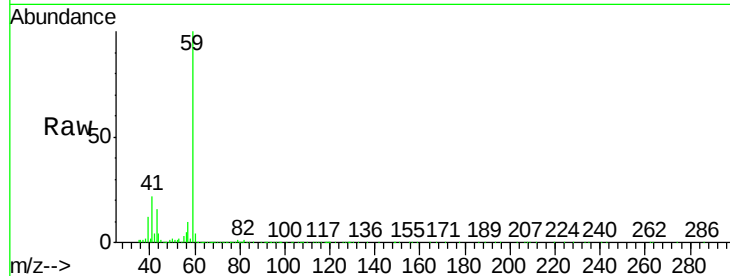
Tert butyl alcohol
Concen: 91.537 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
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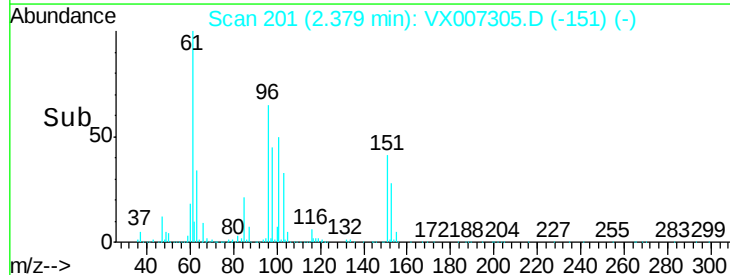
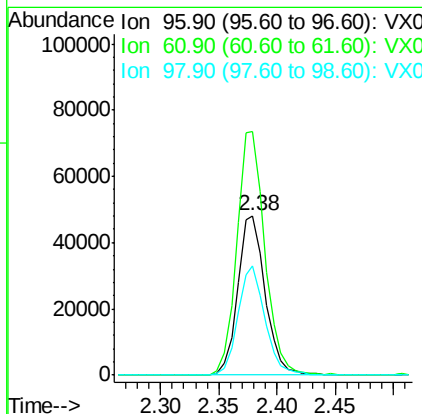
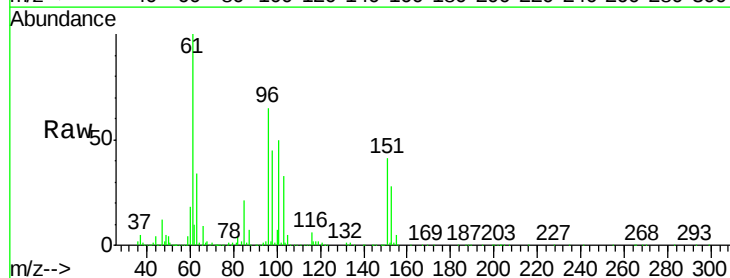
MMDadoda
2/1/2019 10:44:26 AM

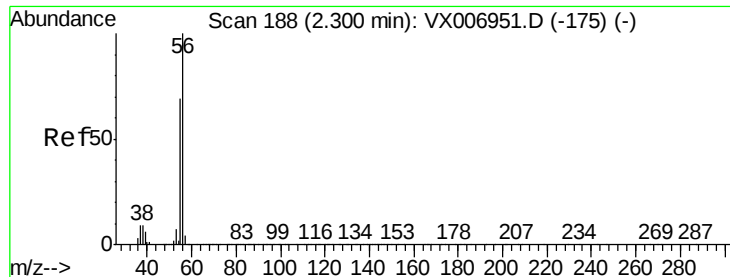


#12

1,1-Dichloroethene
Concen: 16.487 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.2	121.4	182.2
98	68.7	51.9	77.9





#13

Acrolein

Concen: 105.682 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 56 Resp: 57245

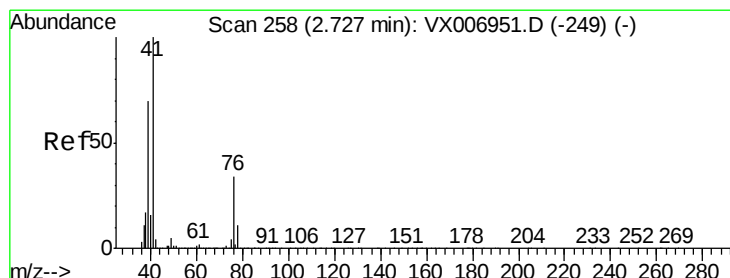
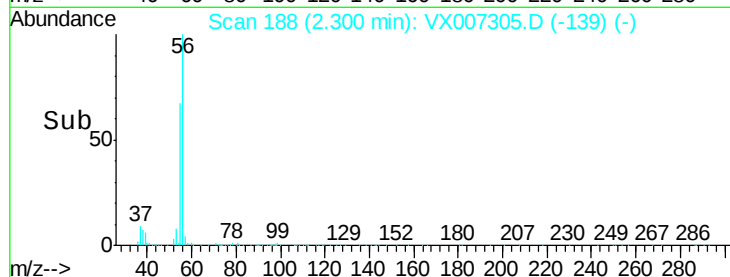
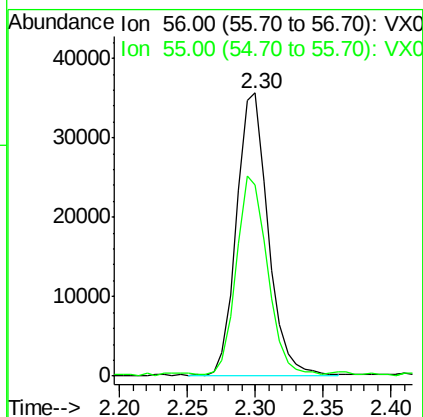
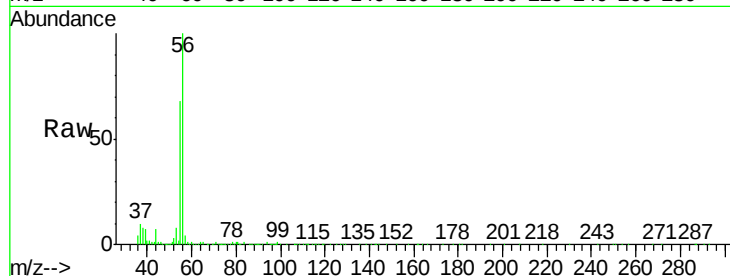
Ion Ratio Lower Upper

56 100

55 69.1 58.2 87.4

Manual Integrations
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2/1/2019 10:44:26 AM



#14

Allyl chloride

Concen: 17.273 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

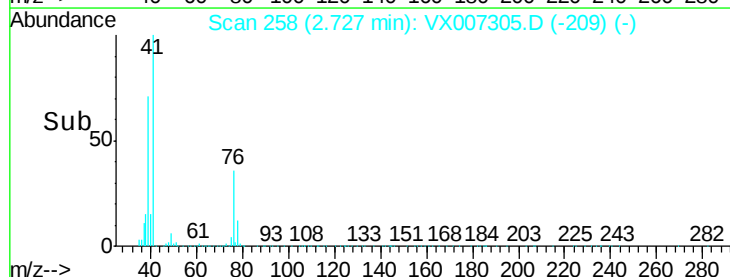
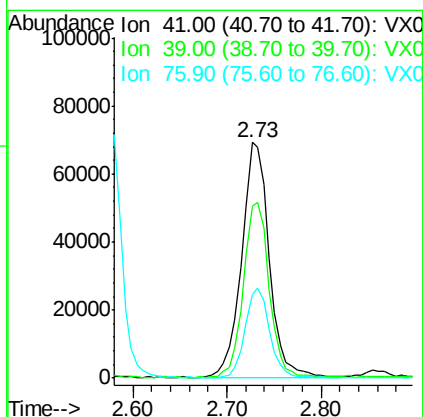
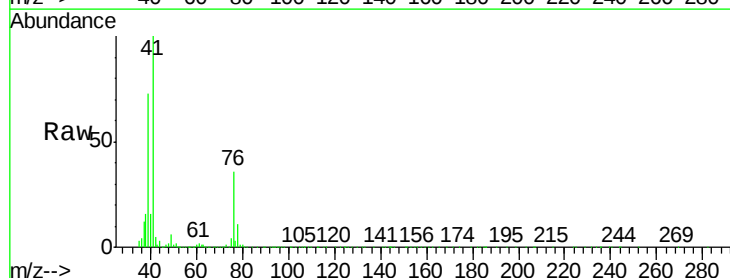
Tgt Ion: 41 Resp: 141018

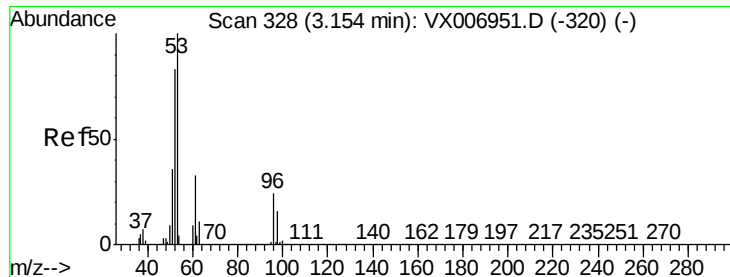
Ion Ratio Lower Upper

41 100

39 70.0 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 94.785 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

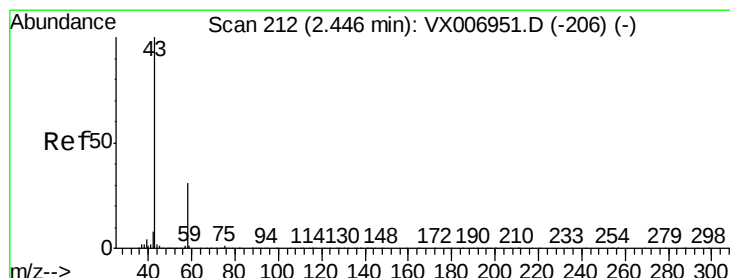
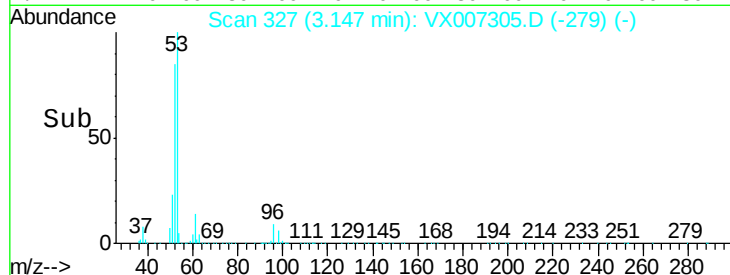
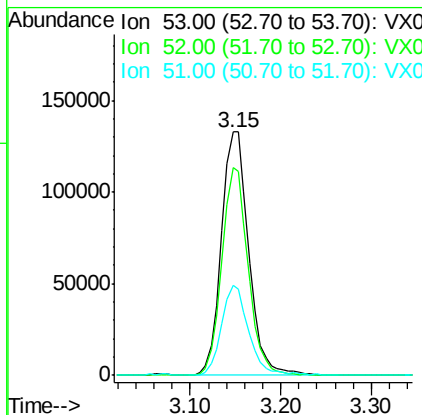
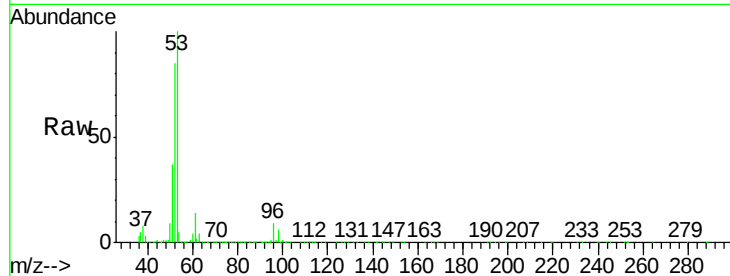
ClientSampled :

VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.0	99.0
51	36.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 95.246 ug/l

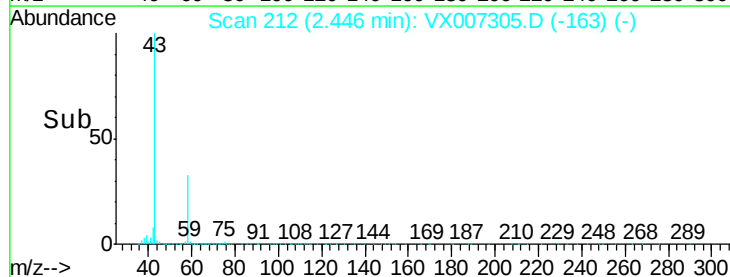
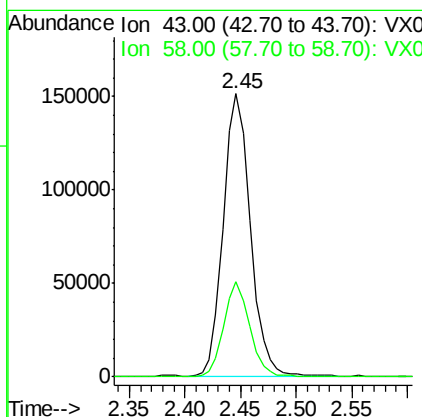
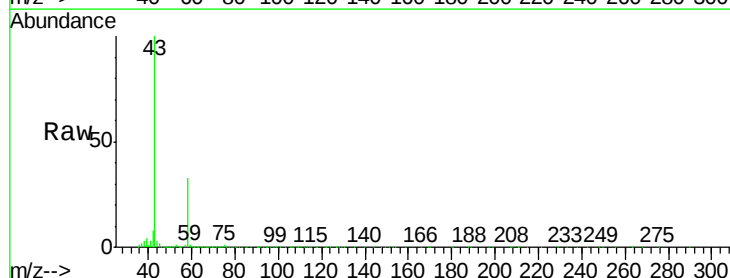
RT: 2.45 min Scan# 212

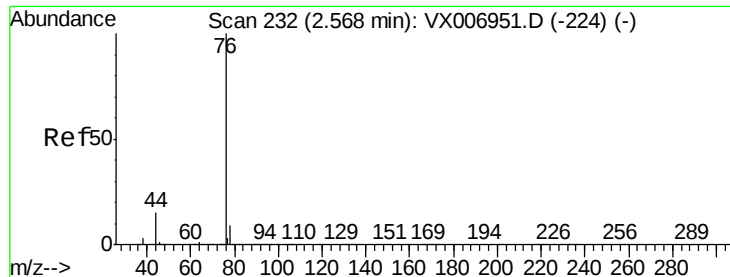
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.0	37.6





#17

Carbon Disulfide

Concen: 12.960 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 76 Resp: 158943

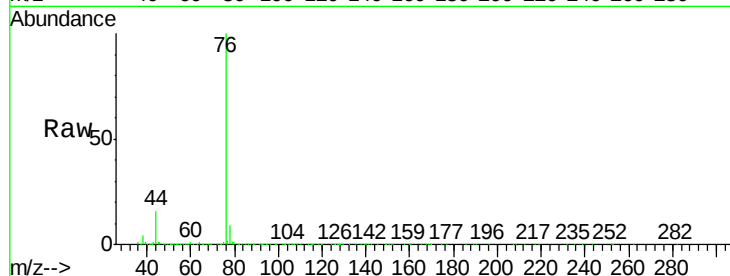
Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6

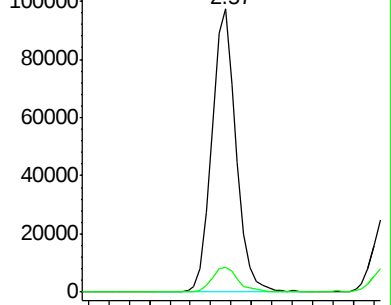
Manual Integrations
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MMDadoda
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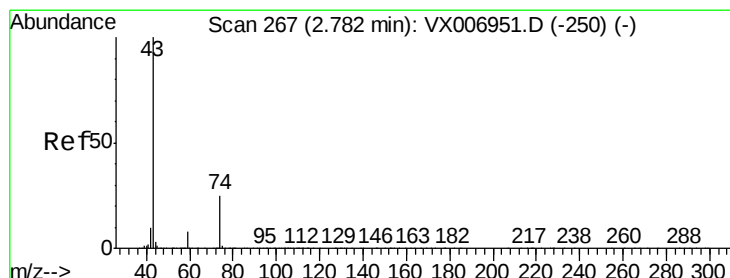
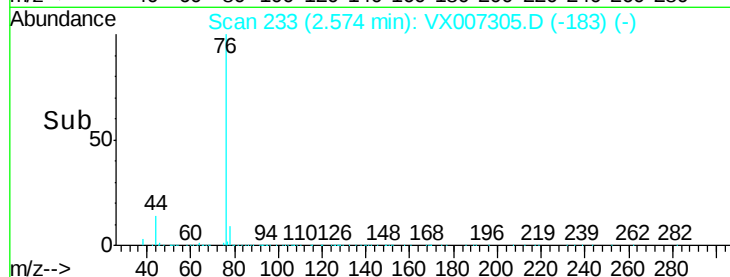


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 20.423 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007305.D

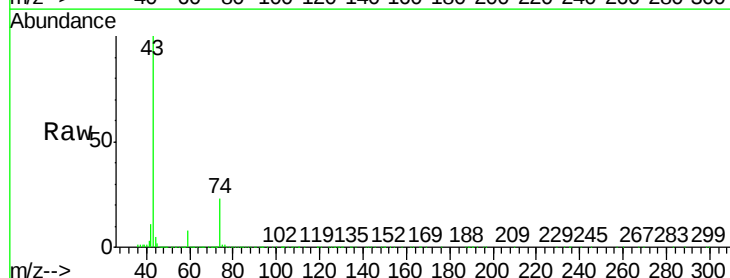
Acq: 30 Jan 2019 10:58

Tgt Ion: 43 Resp: 158380

Ion Ratio Lower Upper

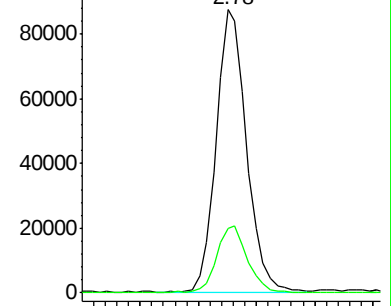
43 100

74 24.4 18.6 28.0

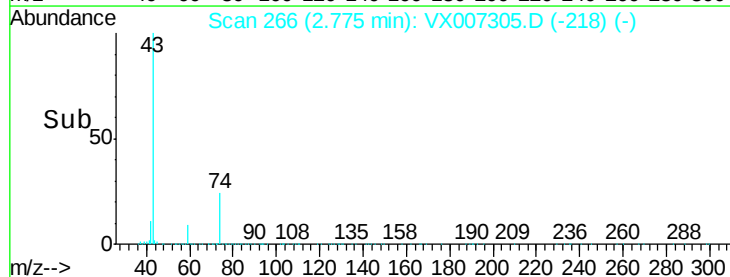


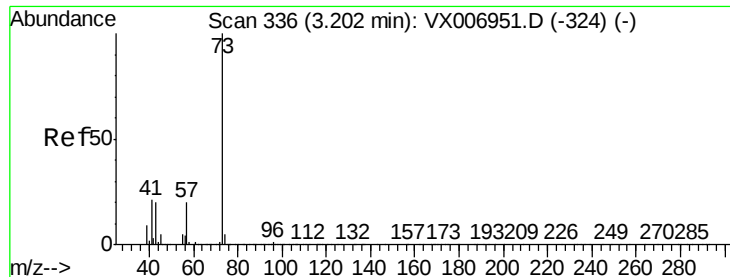
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#19

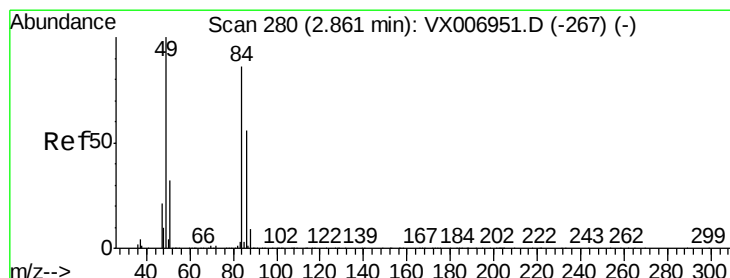
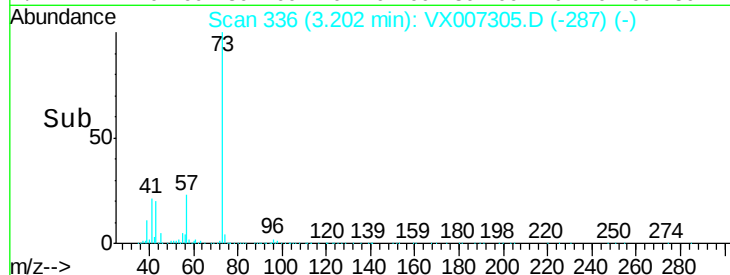
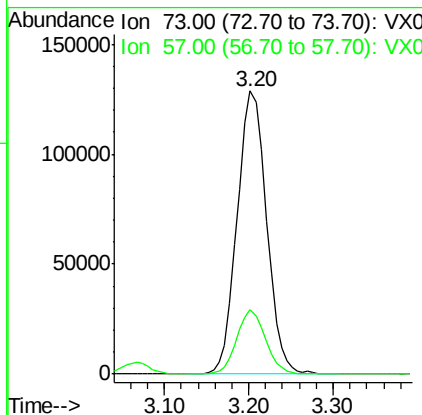
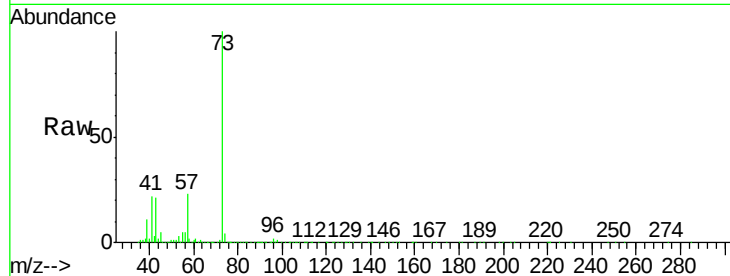
Methyl tert-butyl Ether
Concen: 18.387 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	16.8	25.2

Manual Integrations
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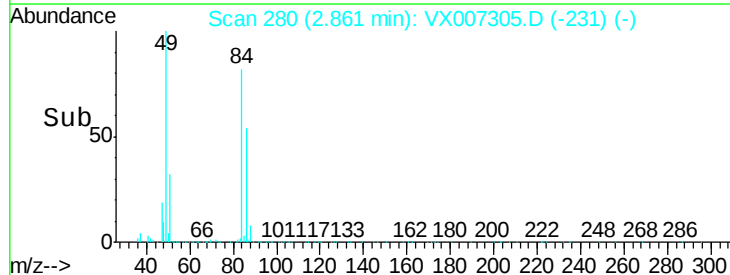
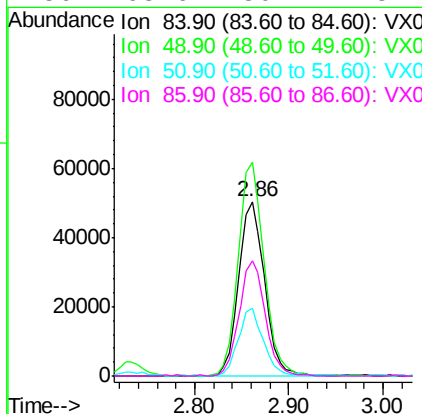
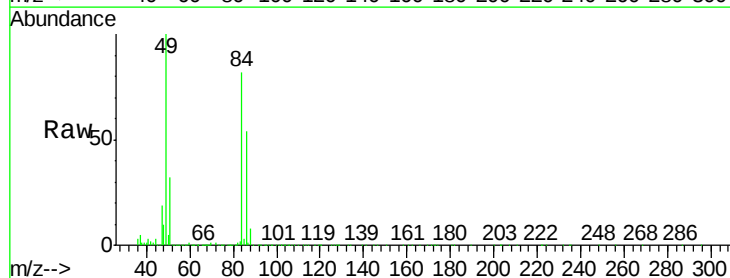
MMDadoda
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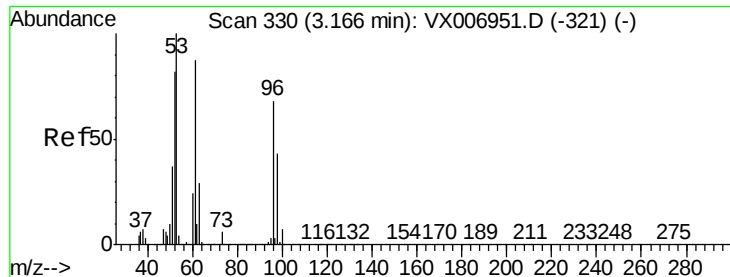


#20

Methylene Chloride
Concen: 18.758 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.2	91.8	137.6
51	39.0	28.5	42.7
86	65.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 16.227 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

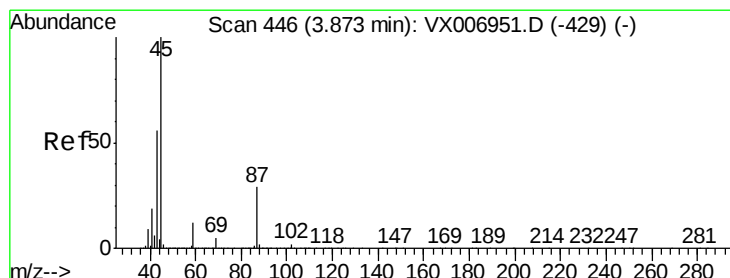
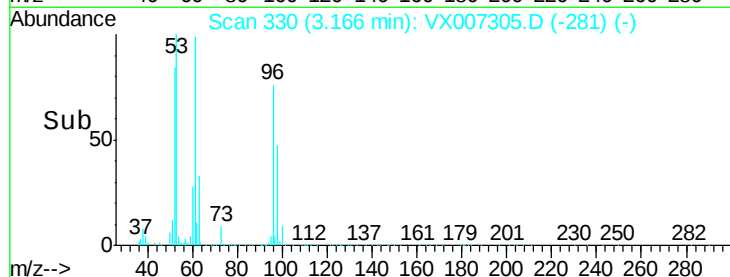
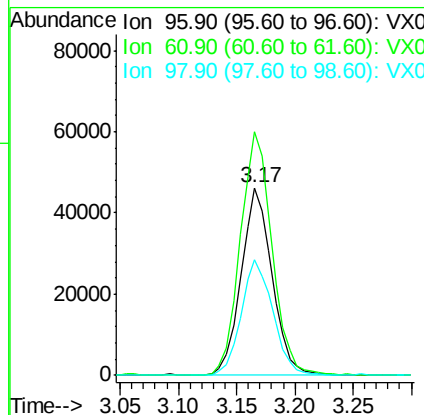
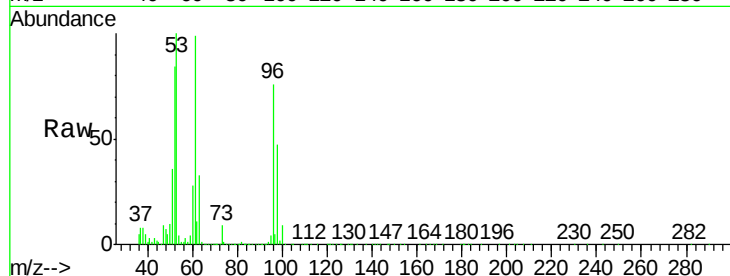
ClientSampleId :

VX0130WBSD01

Tot Ion:	96	Resp:	86139
Ion	Ratio	Lower	Upper
96	100		
61	129.4	103.7	155.5
98	61.6	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.270 ug/l

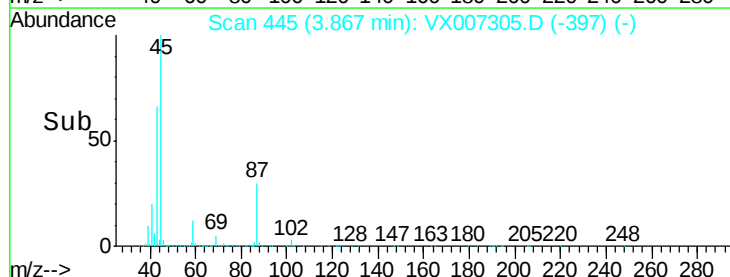
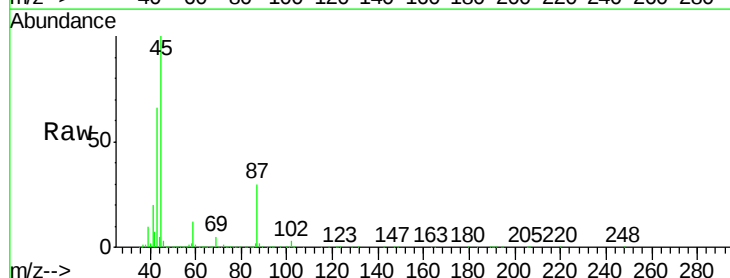
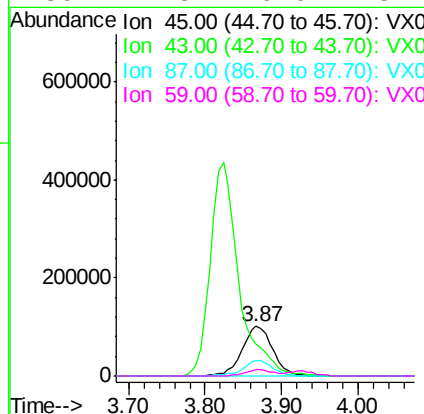
RT: 3.87 min Scan# 445

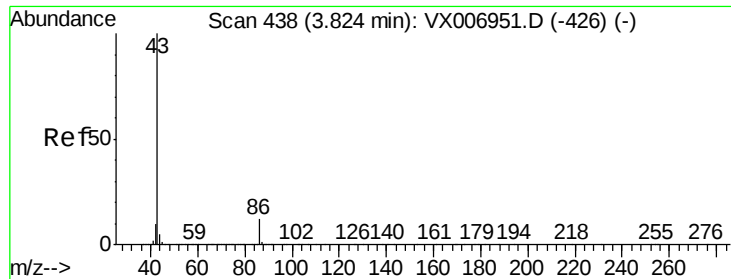
Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	45	Resp:	280399
Ion	Ratio	Lower	Upper
45	100		
43	65.1	51.2	76.8
87	29.6	25.8	38.6
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 88.060 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 43 Resp: 1139780

Ion Ratio Lower Upper

43 100

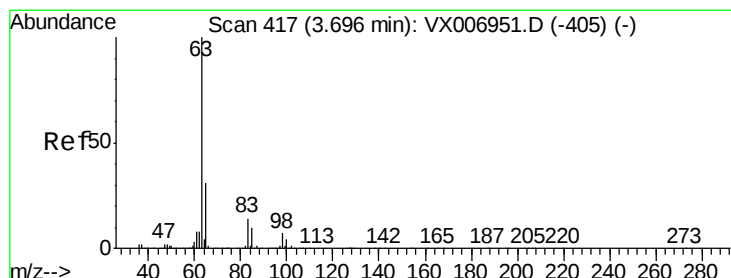
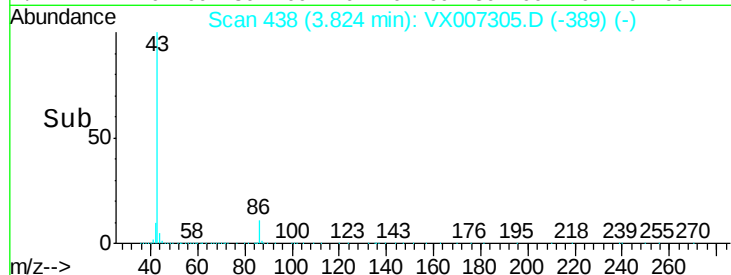
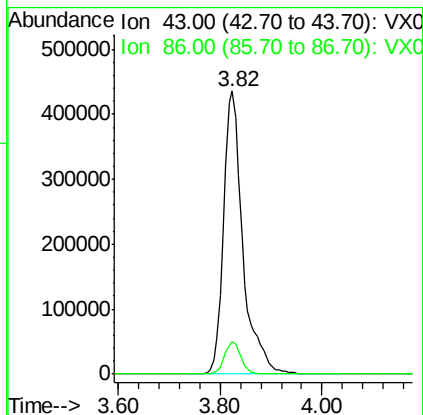
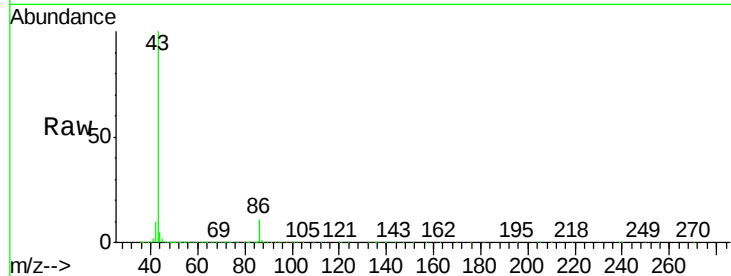
86 11.4 9.2 13.8

Manual Integrations

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MMDadoda

2/1/2019 10:44:26 AM



#24

1,1-Dichloroethane

Concen: 18.531 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

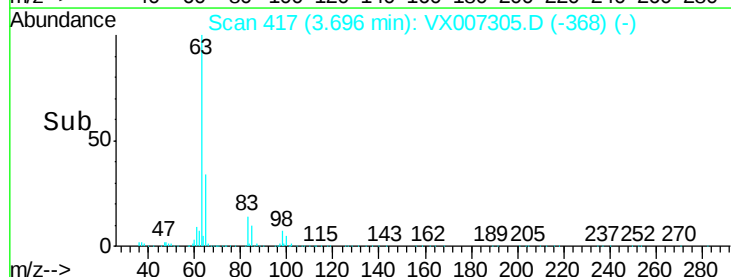
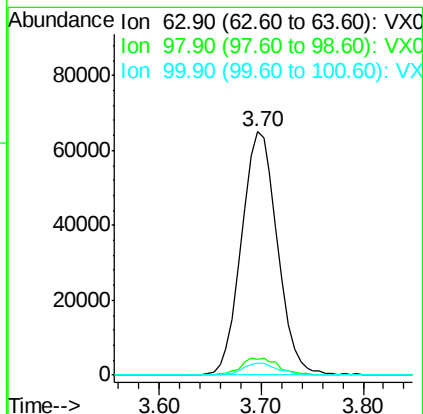
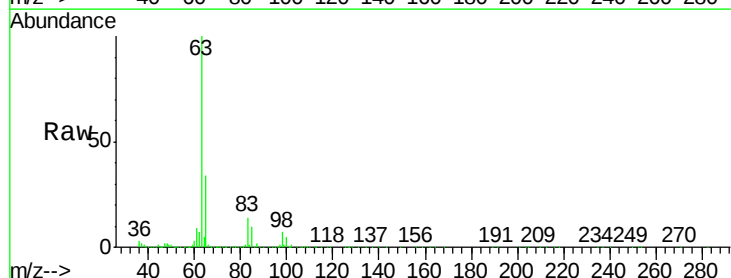
Tgt Ion: 63 Resp: 159035

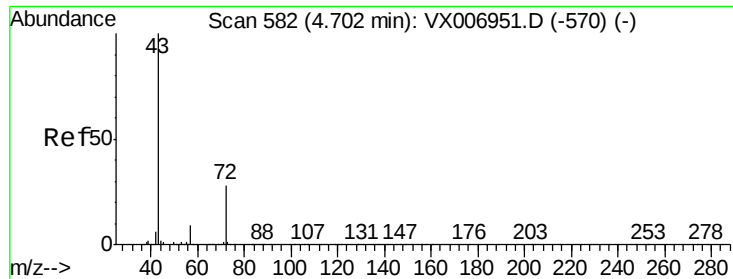
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 94.277 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 43 Resp: 361231

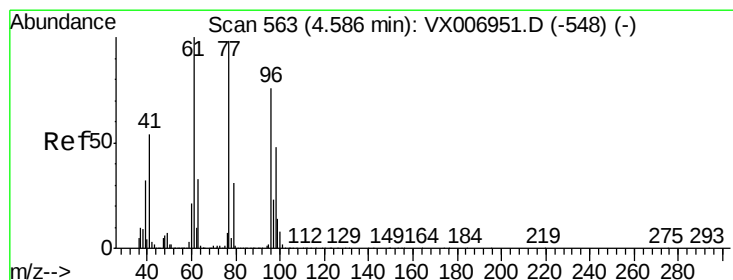
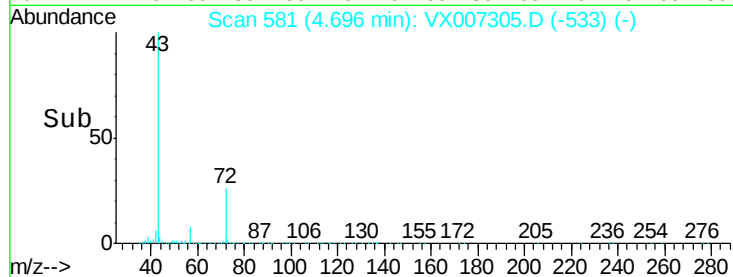
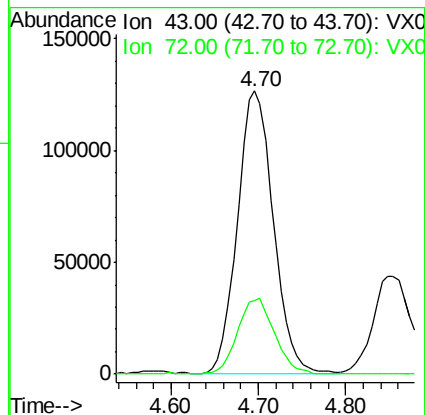
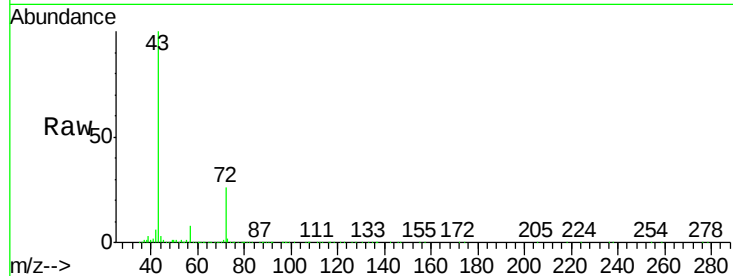
Ion Ratio Lower Upper

43 100

72 26.1 22.4 33.6

Manual Integrations
APPROVED

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2/1/2019 10:44:26 AM



#26

2,2-Dichloropropane

Concen: 17.798 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007305.D

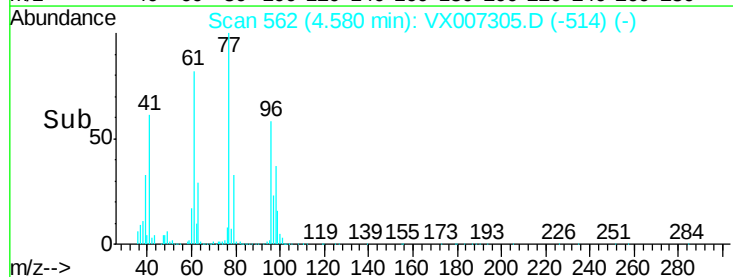
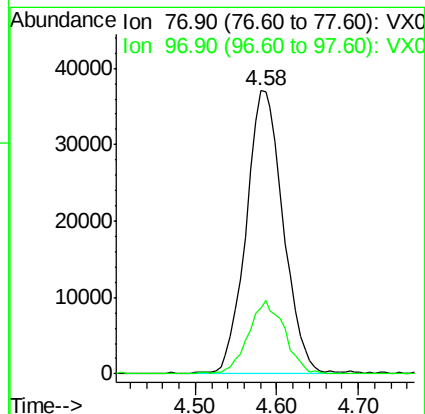
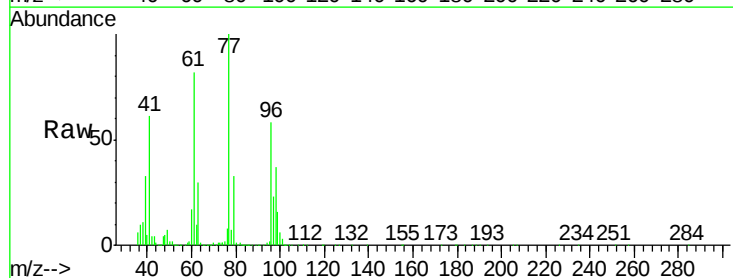
Acq: 30 Jan 2019 10:58

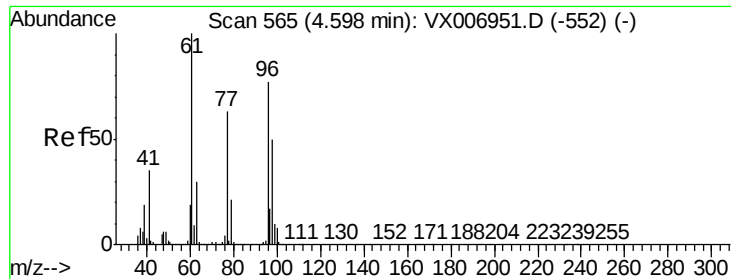
Tgt Ion: 77 Resp: 117456

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

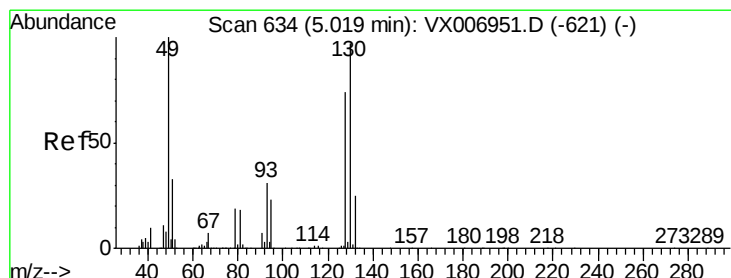
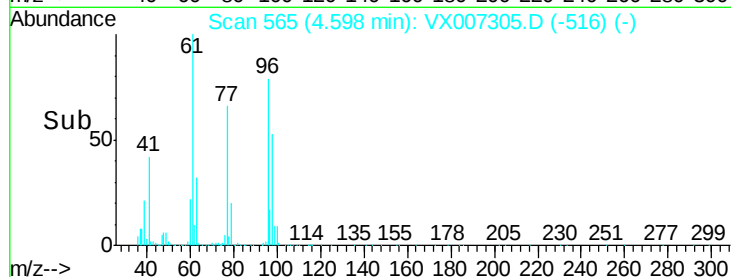
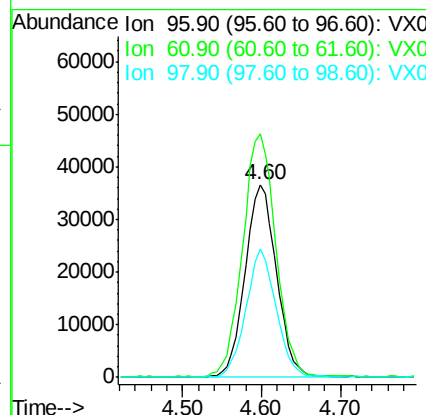
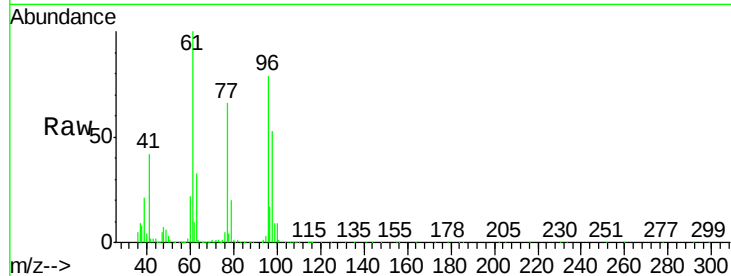
cis-1,2-Dichloroethene
Concen: 17.341 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	258.6
98	64.3	0.0	132.0

Manual Integrations
APPROVED

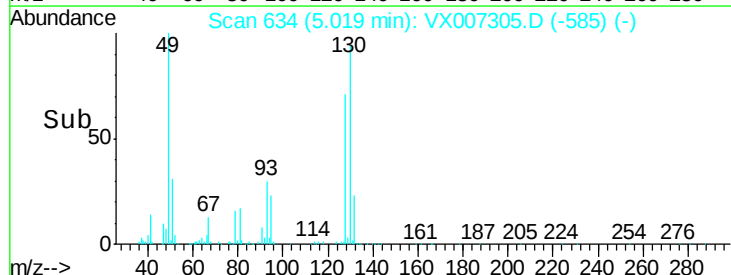
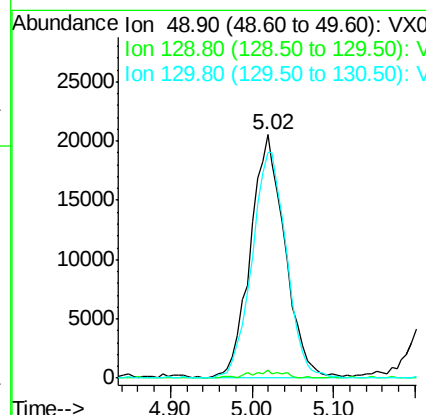
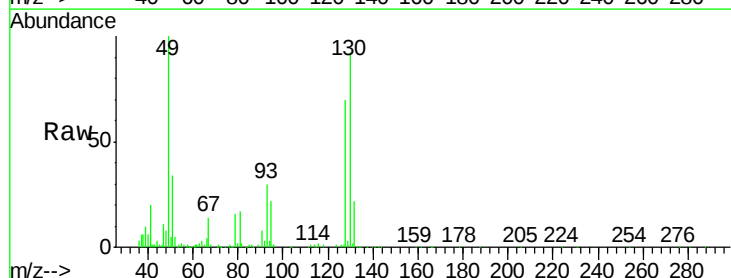
MMDadoda
2/1/2019 10:44:26 AM

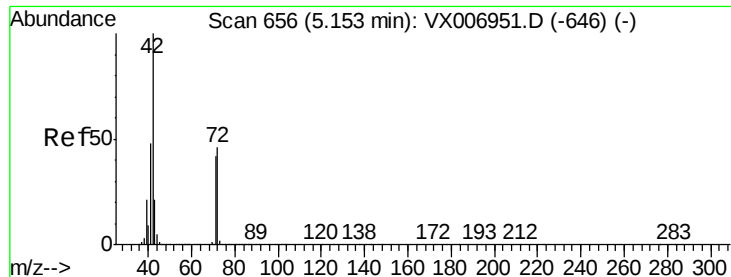


#28

Bromochloromethane
Concen: 16.154 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	92.4	77.7	116.5





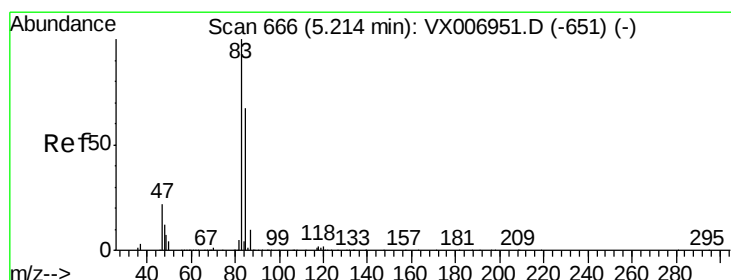
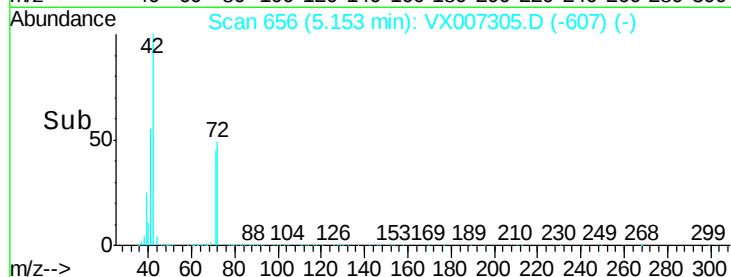
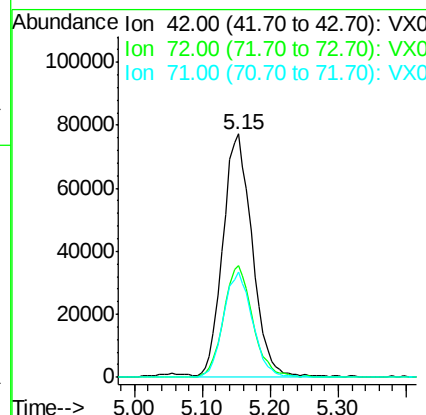
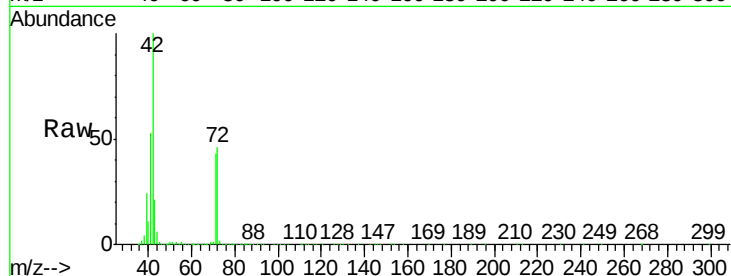
#29
Tetrahydrofuran
Concen: 92.255 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	38.9	58.3
71	43.3	36.2	54.4

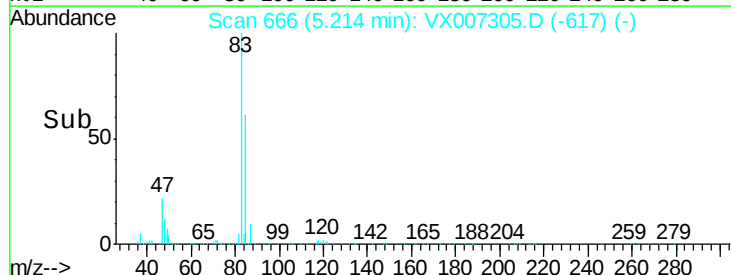
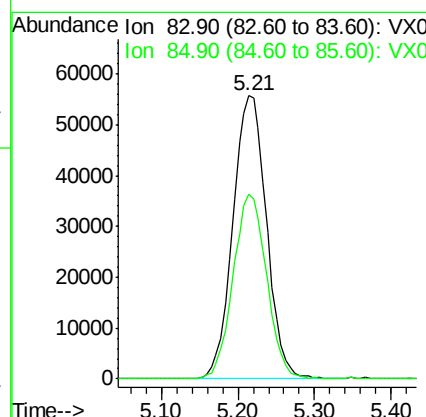
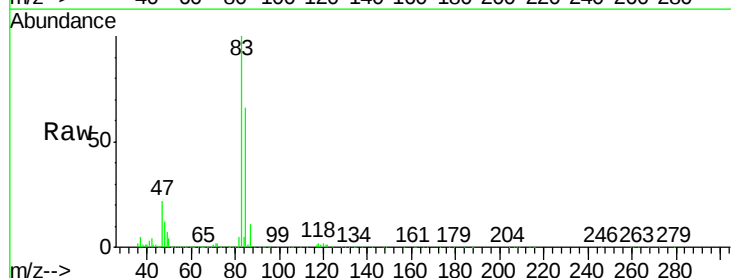
Manual Integrations
APPROVED

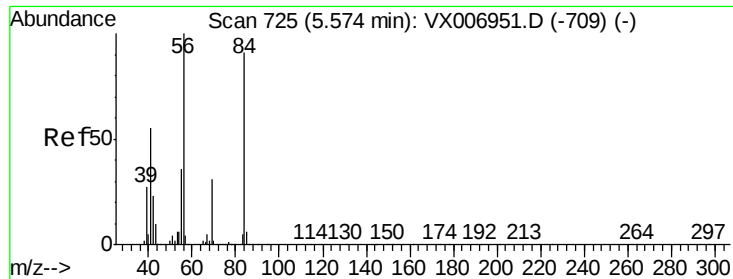
MMDadoda
2/1/2019 10:44:26 AM



#30
Chloroform
Concen: 18.869 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





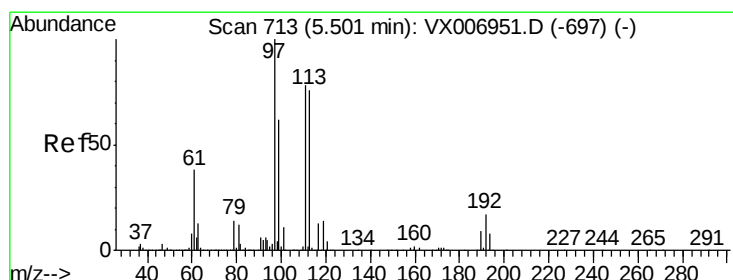
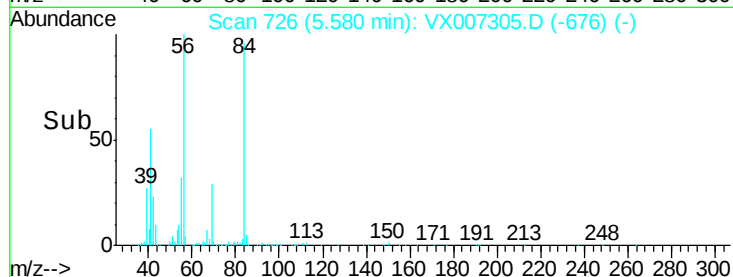
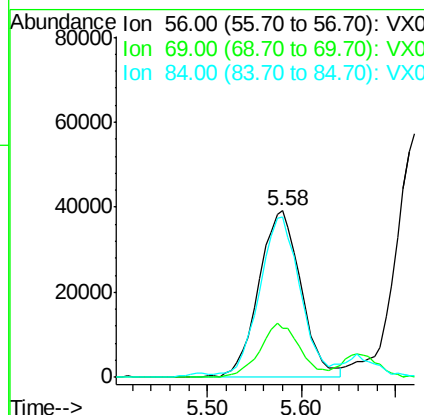
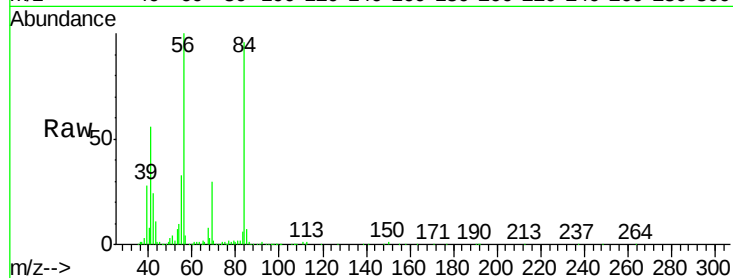
#31
Cvclohexane
Concen: 15.995 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.4	36.6
84	94.5	70.0	105.0

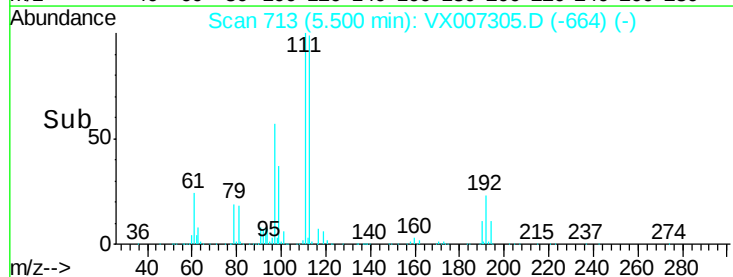
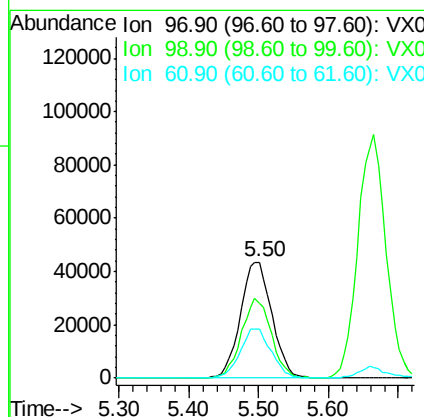
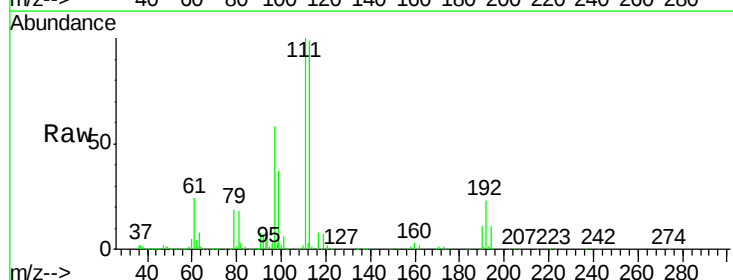
Manual Integrations
APPROVED

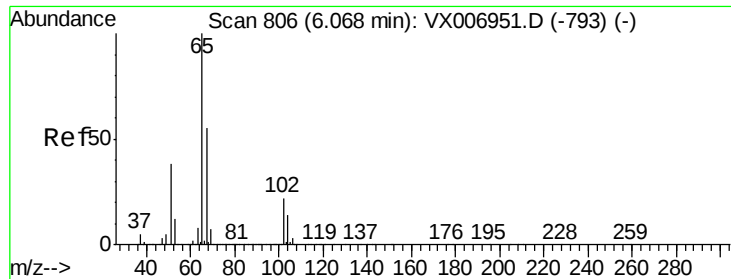
MMDadoda
2/1/2019 10:44:26 AM



#32
1,1,1-Trichloroethane
Concen: 17.849 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	42.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 42.910 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 65 Resp: 232427

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.0

Manual Integrations

APPROVED

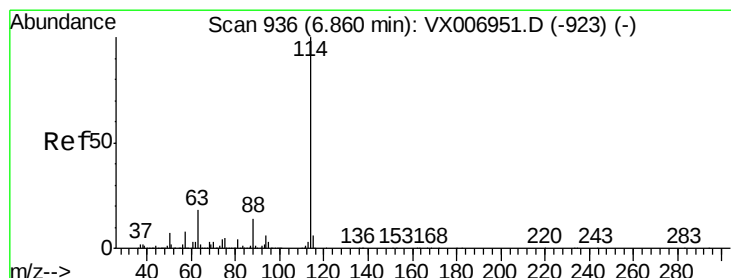
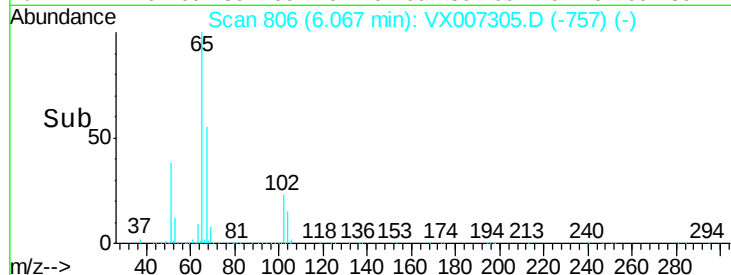
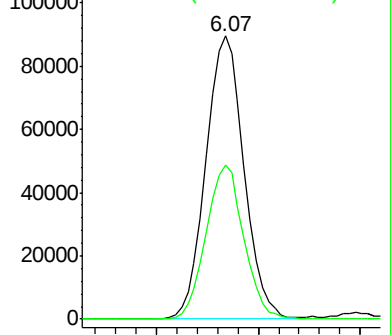
MMDadoda

2/1/2019 10:44:26 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

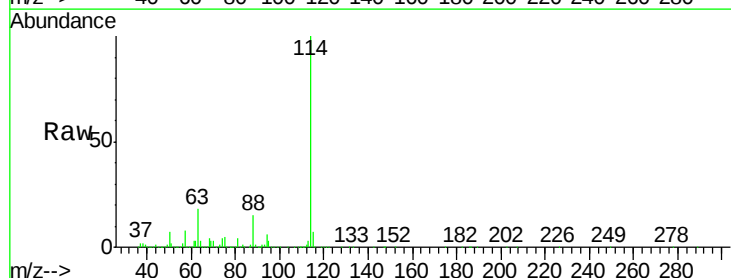
Tgt Ion: 114 Resp: 767364

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

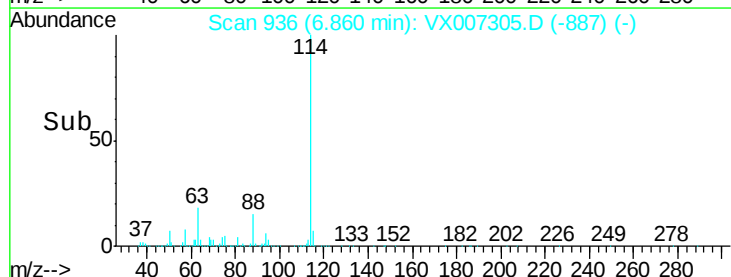
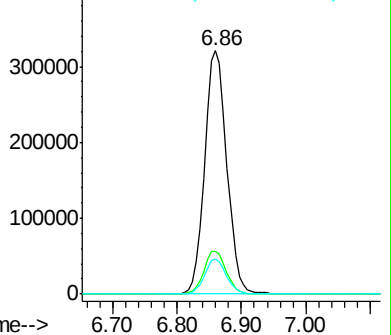
88 14.6 0.0 28.8

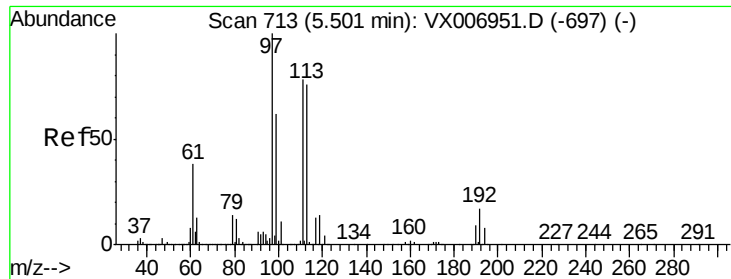


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





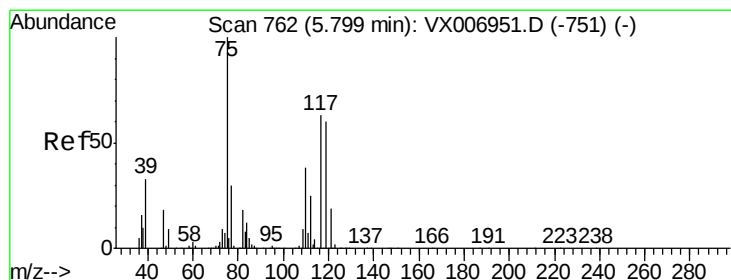
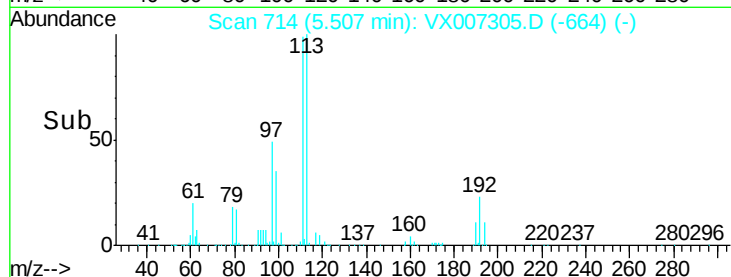
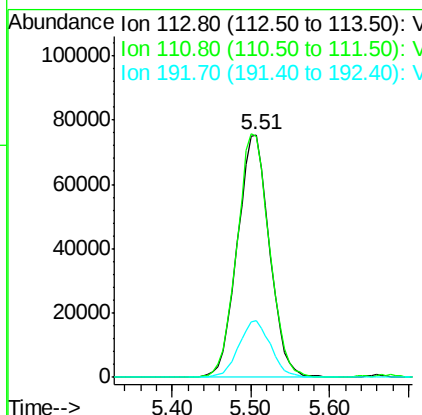
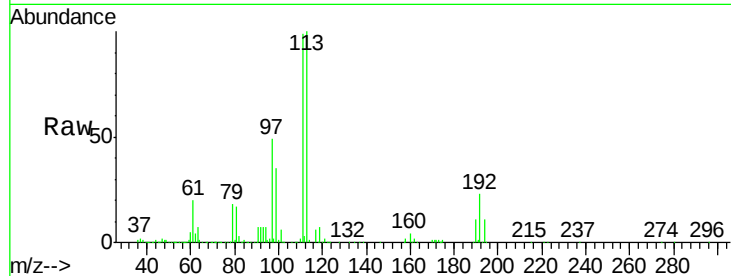
#35
 Dibromofluoromethane
 Concen: 43.428 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	23.0	16.7	25.1

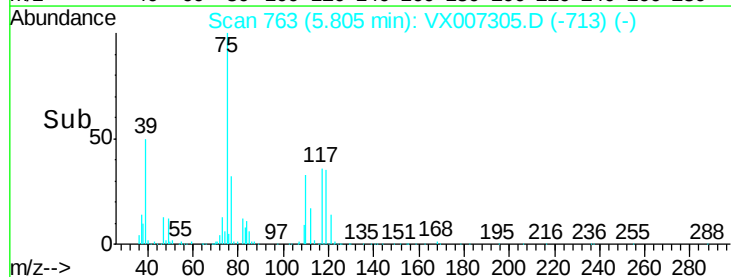
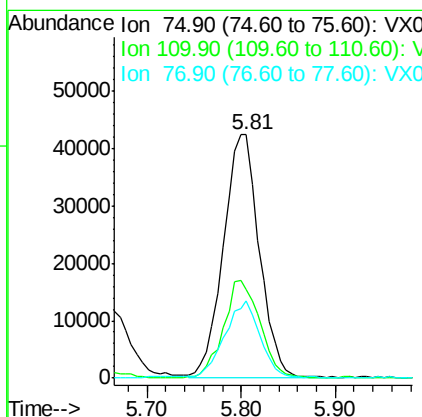
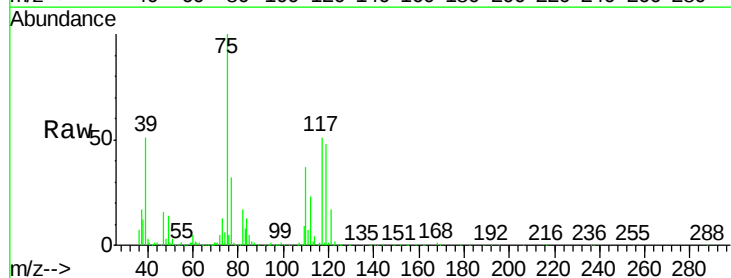
Manual Integrations
 APPROVED

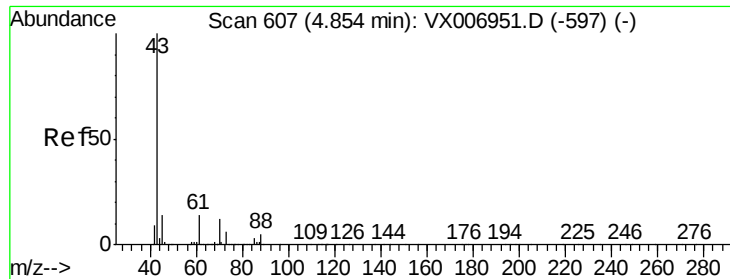
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#36
 1,1-Dichloropropene
 Concen: 16.713 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.2	20.2	60.5
77	31.4	24.8	37.2





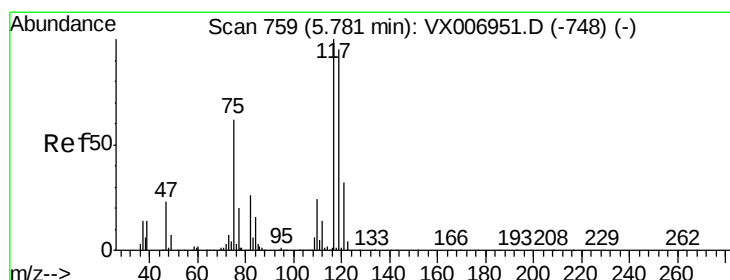
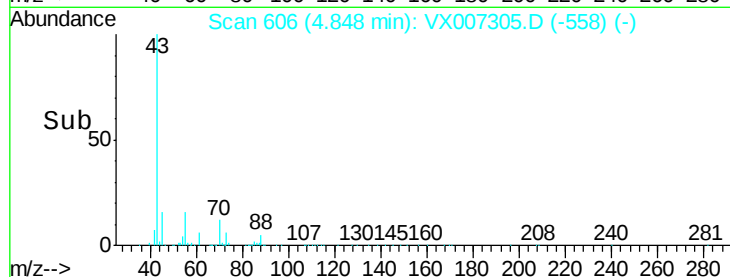
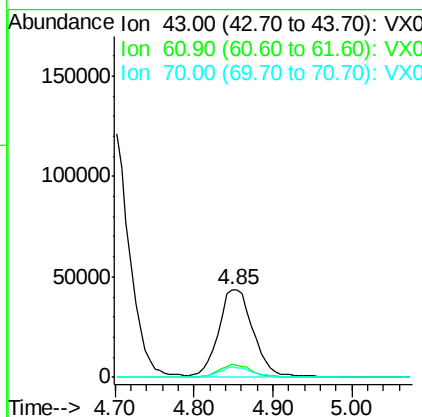
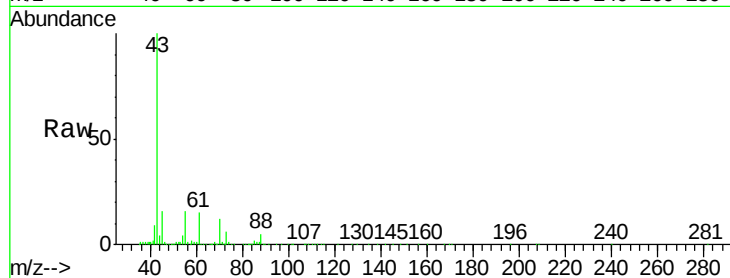
#37
Ethyl Acetate
Concen: 18.631 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.9	17.9
70	11.6	9.7	14.5

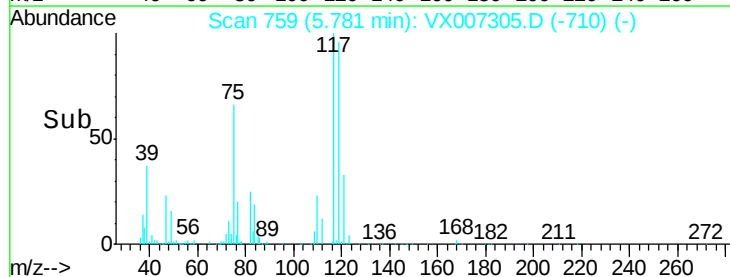
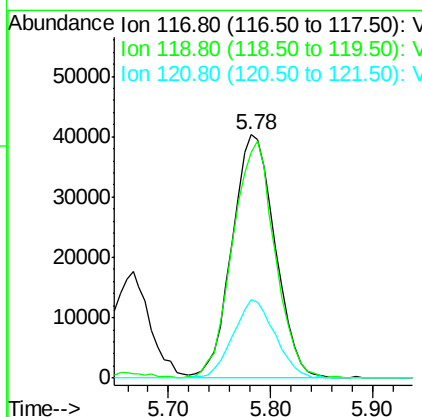
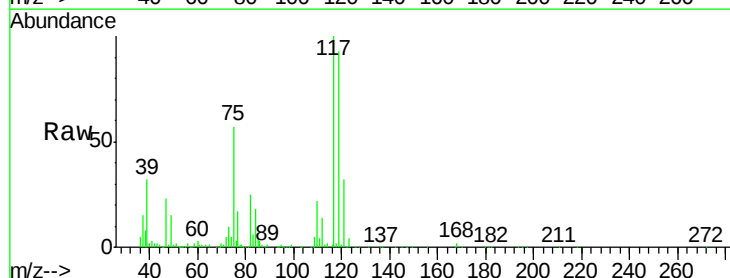
Manual Integrations
APPROVED

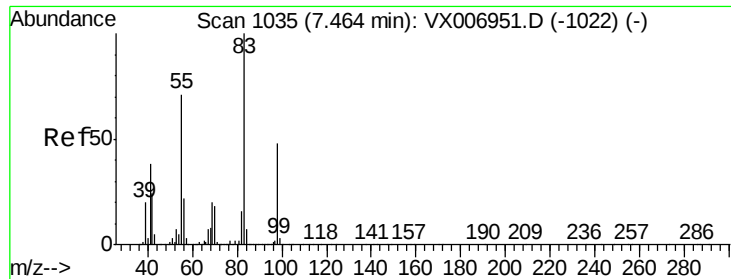
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.560 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	79.4	119.2
121	32.1	24.0	36.0





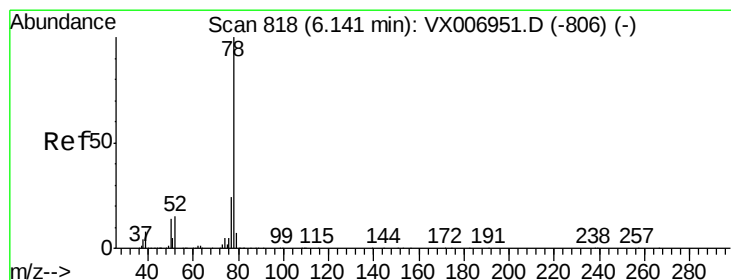
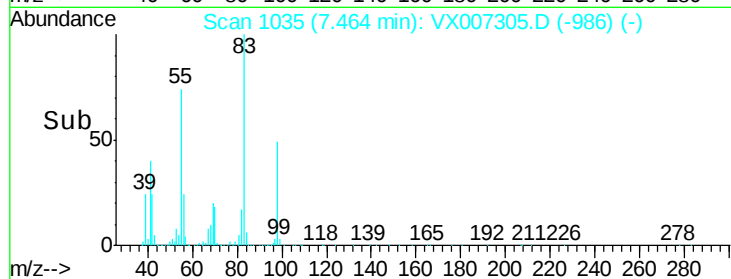
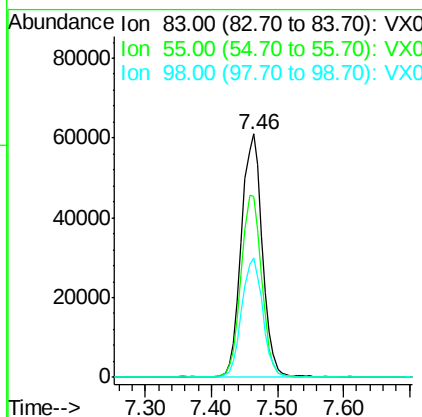
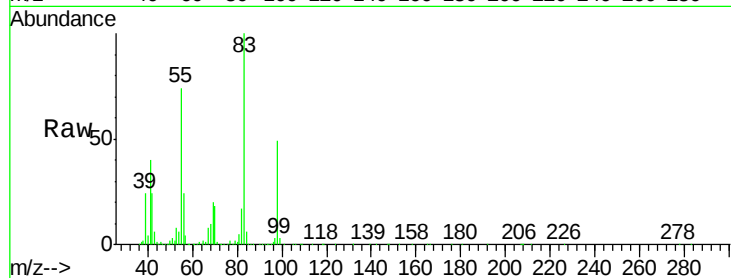
#39
Methvlcvclohexane
Concen: 15.844 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	54.9	82.3
98	48.9	37.9	56.9

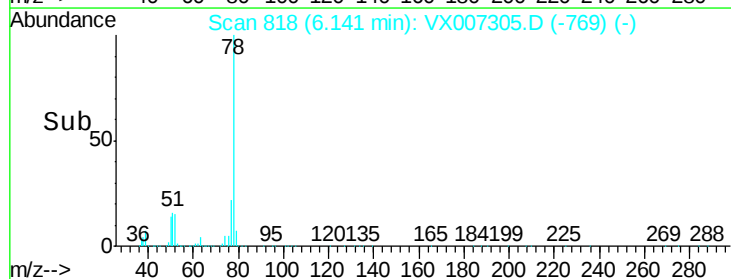
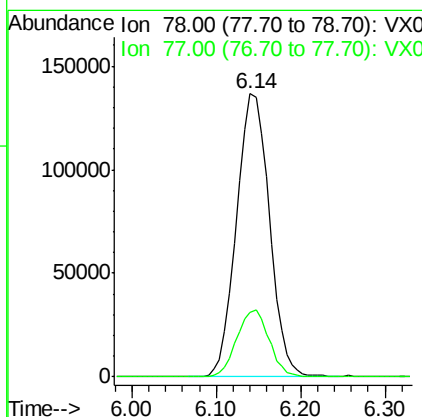
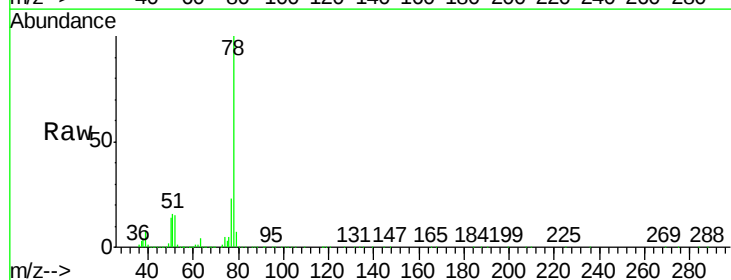
Manual Integrations
APPROVED

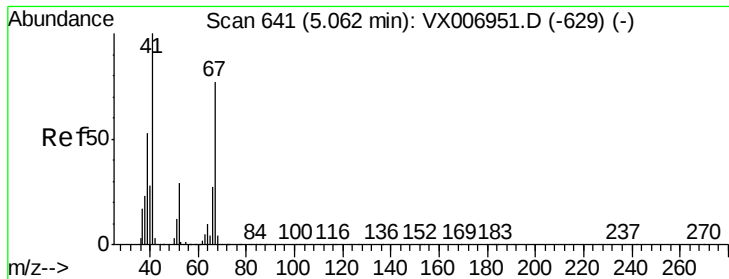
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2/1/2019 10:44:26 AM



#40
Benzene
Concen: 17.801 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 18.421 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

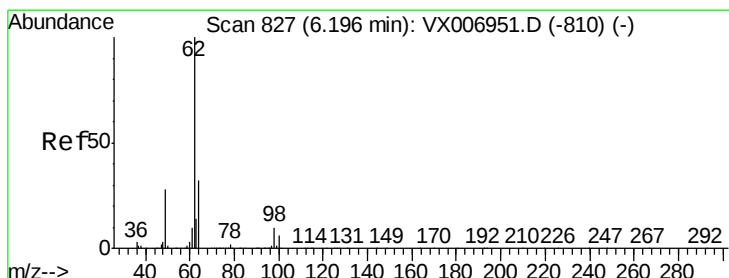
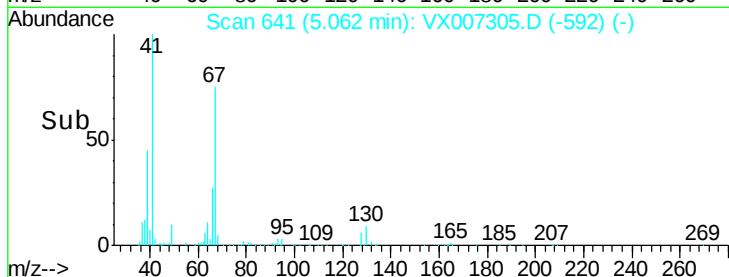
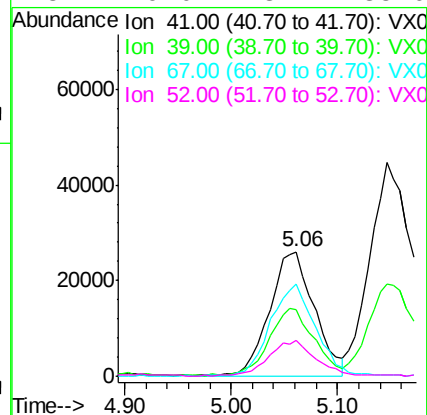
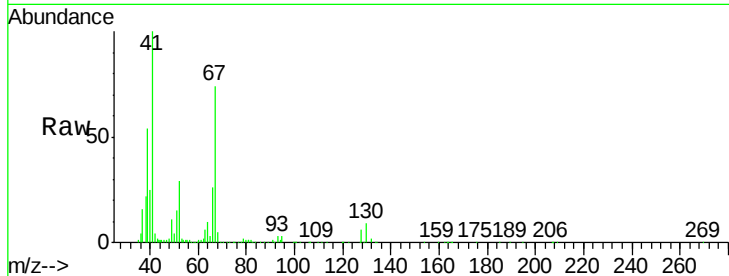
ClientSampleId :

VX0130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	42.8	64.2	
67	73.5	62.1	93.1	
52	29.0	23.4	35.0	

Manual Integrations
APPROVED

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2/1/2019 10:44:26 AM



#42

1,2-Dichloroethane

Concen: 17.807 ug/l

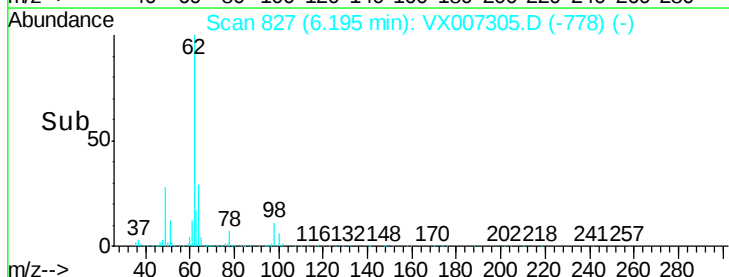
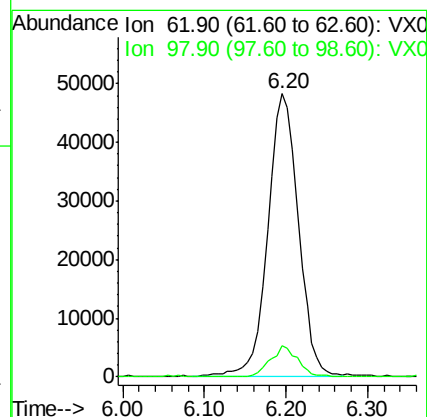
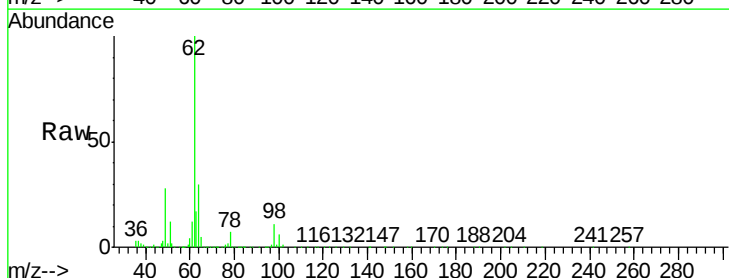
RT: 6.20 min Scan# 827

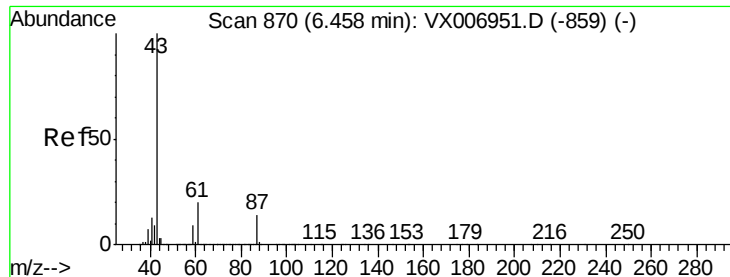
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

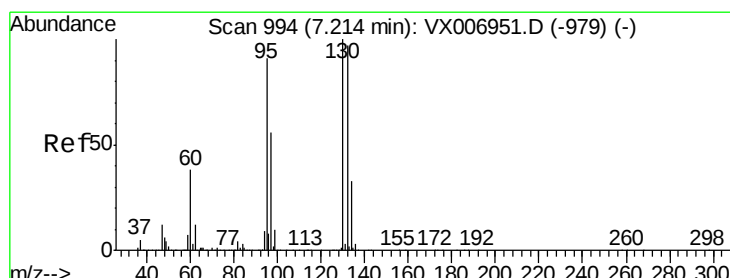
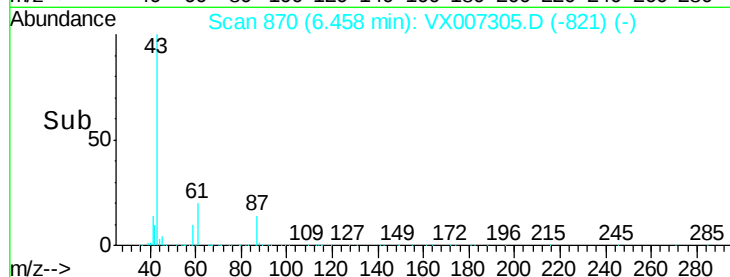
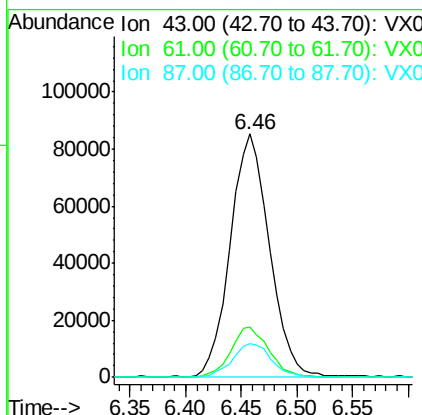
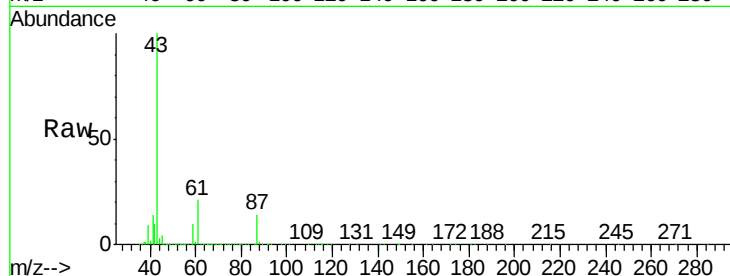
Isopropyl Acetate
 Concen: 18.309 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.4	12.4	18.6

Manual Integrations
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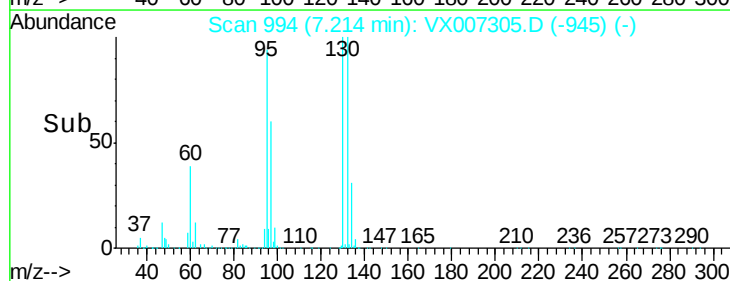
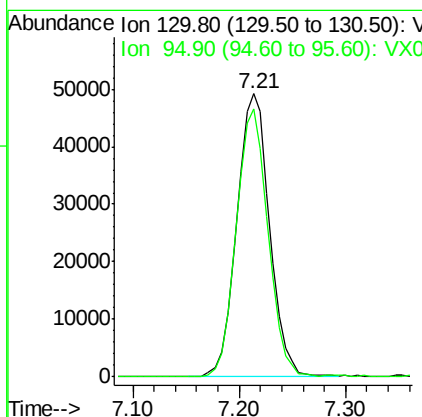
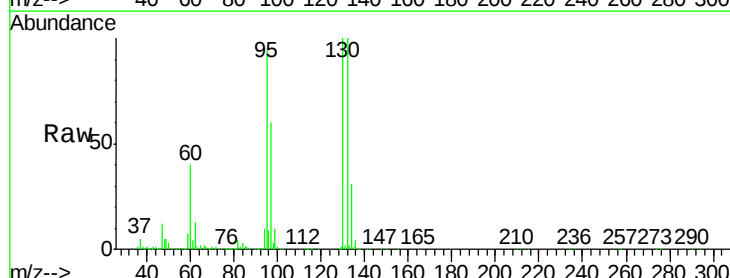
MMDadoda
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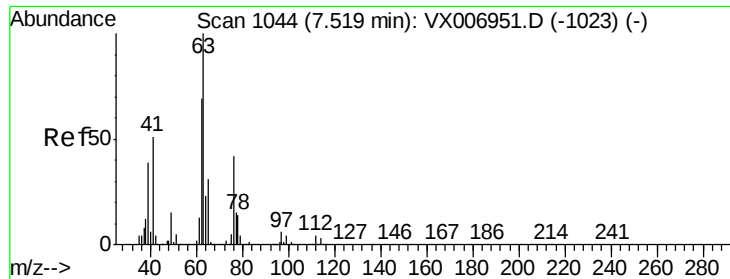


#44

Trichloroethene
 Concen: 17.337 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 63 Resp: 94777

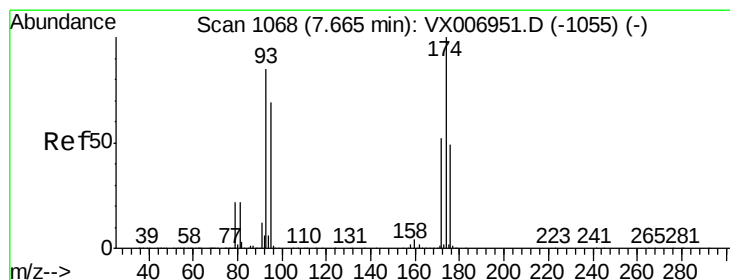
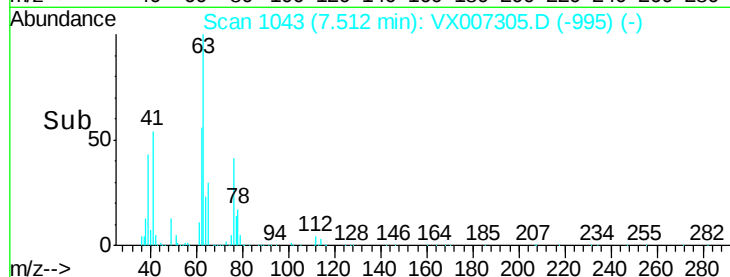
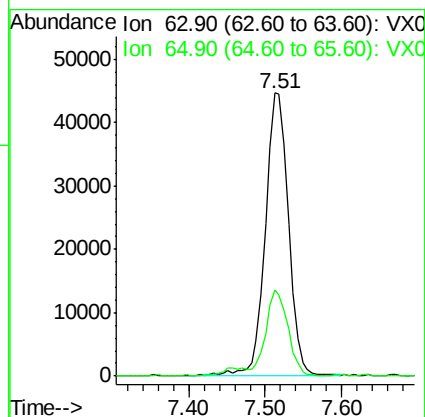
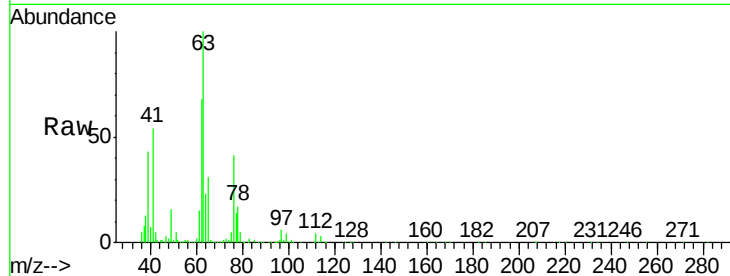
Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.0

Manual Integrations
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MMDadoda
2/1/2019 10:44:26 AM



#46

Dibromomethane

Concen: 18.323 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

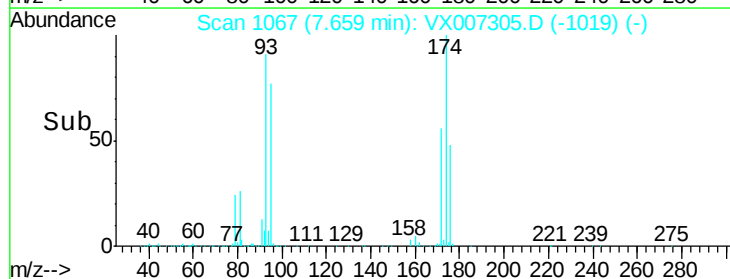
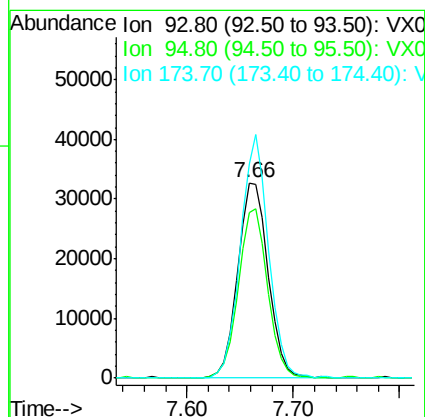
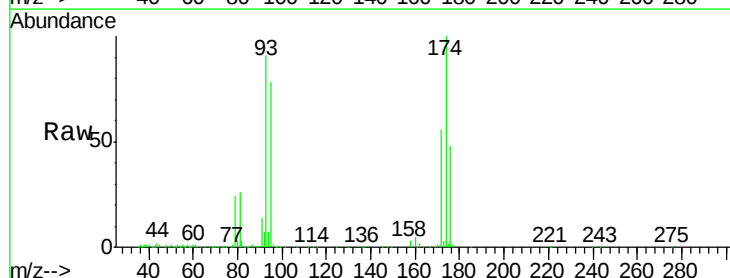
Tgt Ion: 93 Resp: 65905

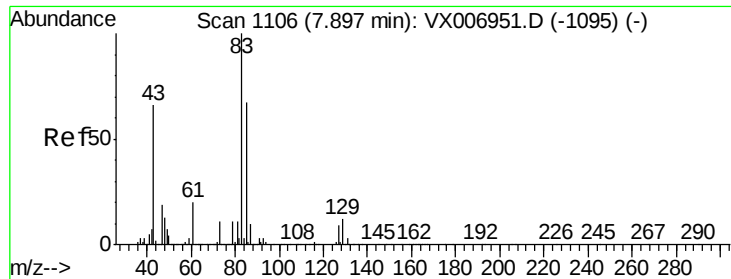
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 114.8 91.0 136.4





#47

Bromodichloromethane

Concen: 18.622 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

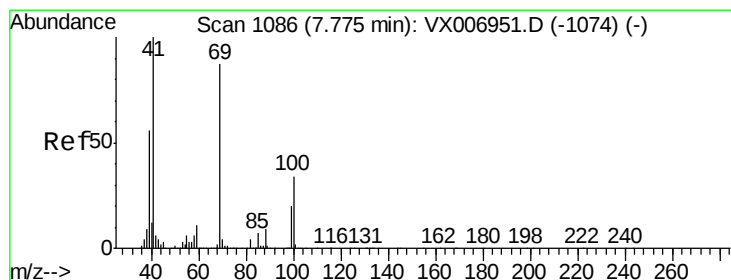
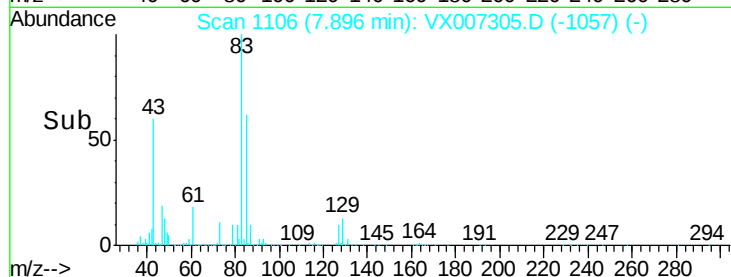
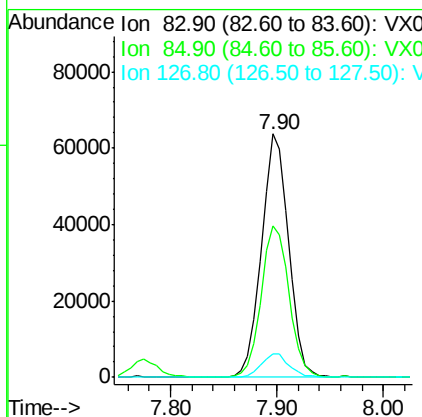
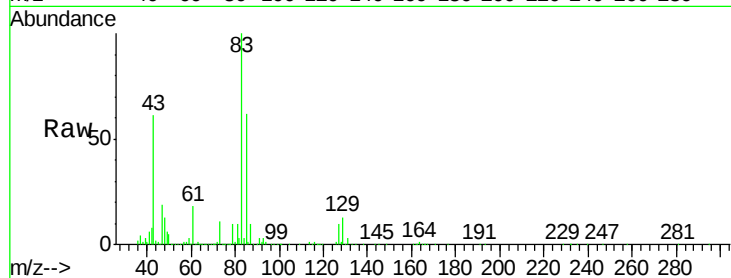
ClientSampleId :

VX0130WBSD01

Tot Ion:	83	Resp:	114010
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.2	79.8
127	9.7	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.201 ug/l

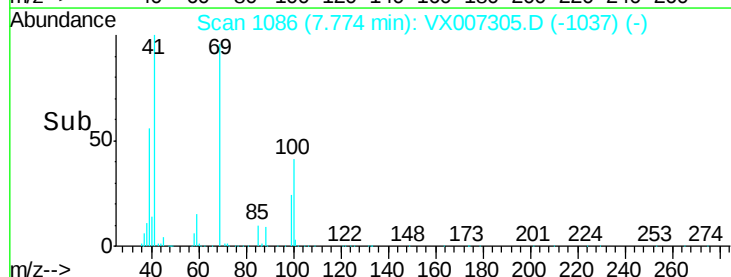
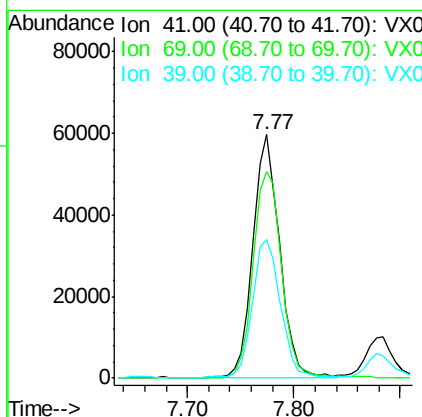
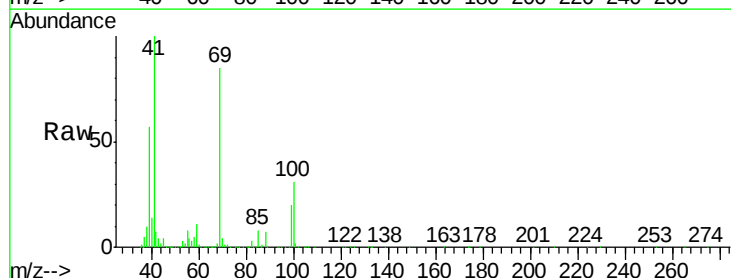
RT: 7.77 min Scan# 1086

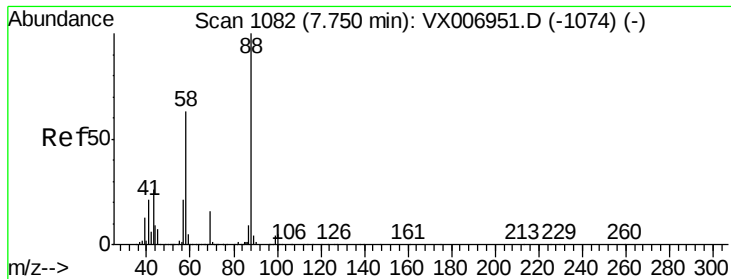
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	41	Resp:	105453
Ion	Ratio	Lower	Upper
41	100		
69	90.4	72.4	108.6
39	59.0	45.8	68.8





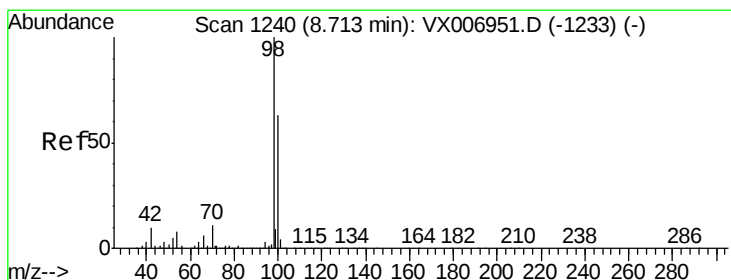
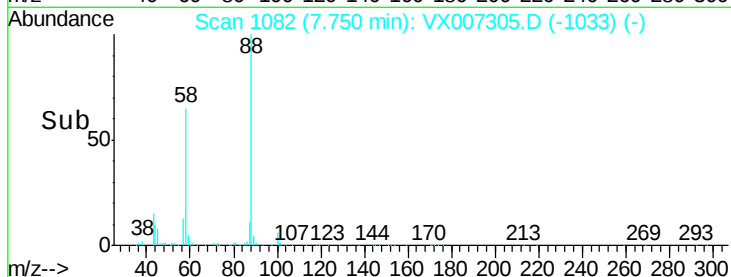
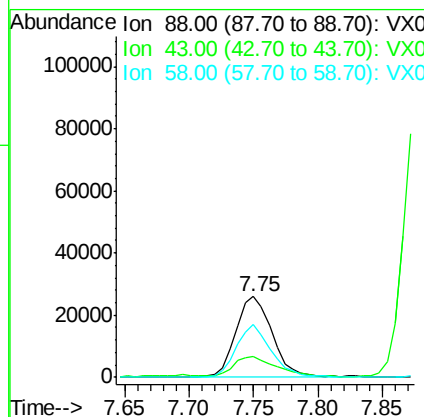
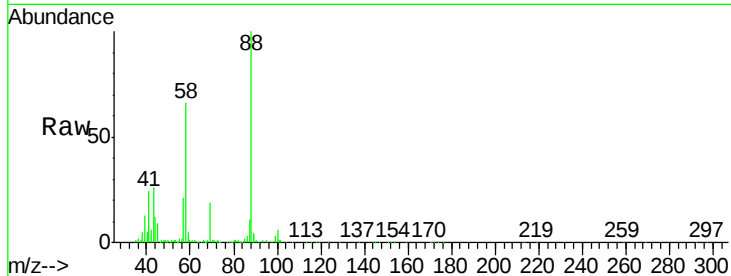
#49
1,4-Dioxane
Concen: 378.453 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.2	33.4
58	63.3	51.0	76.4

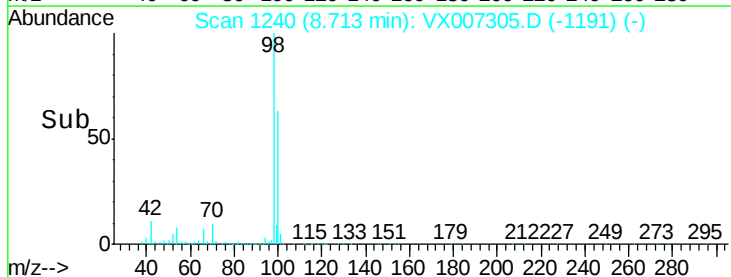
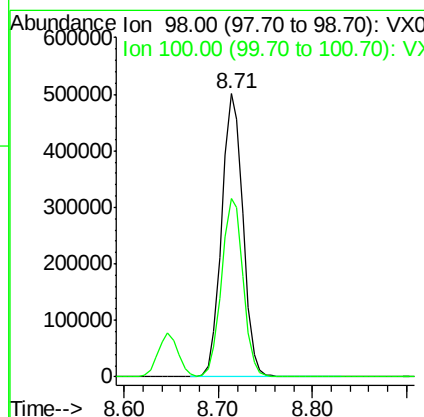
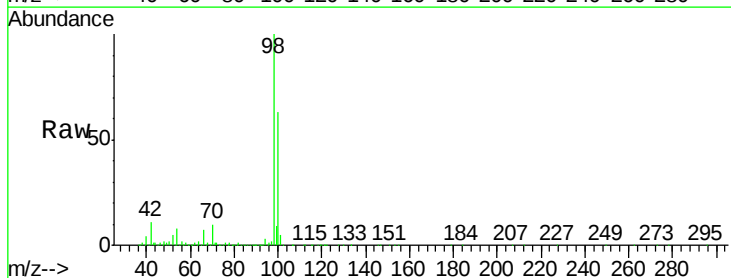
Manual Integrations
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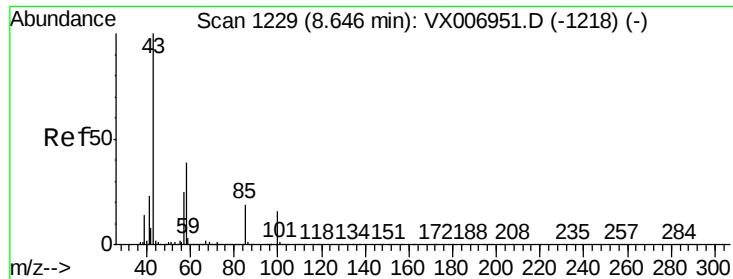
MMDadoda
2/1/2019 10:44:26 AM



#50
Toluene-d8
Concen: 43.547 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 98.900 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 43 Resp: 717083

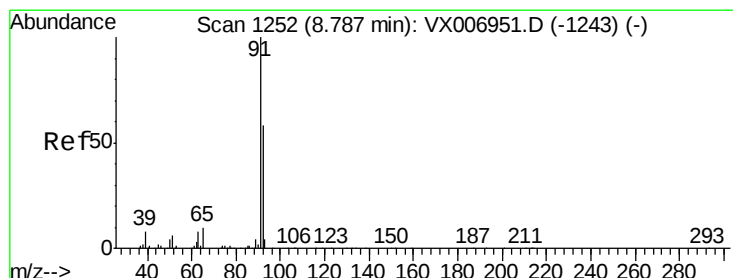
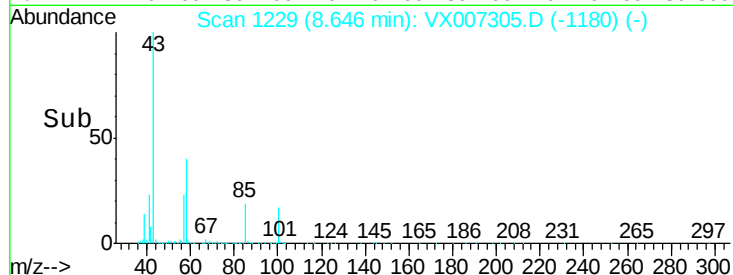
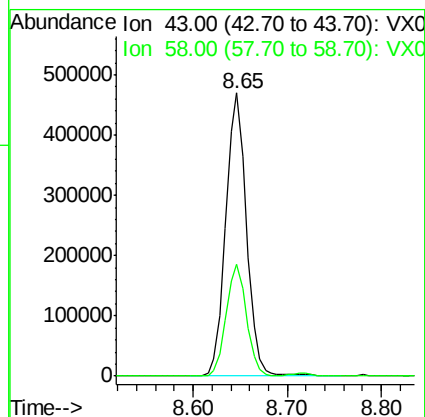
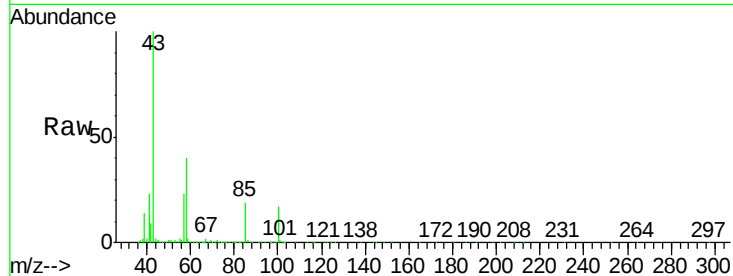
Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6

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#52

Toluene

Concen: 17.741 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007305.D

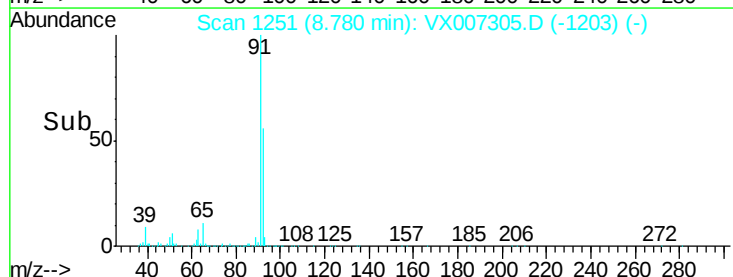
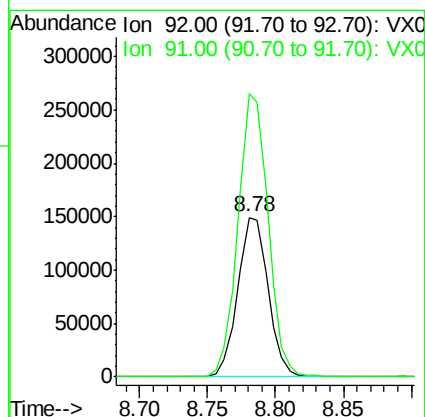
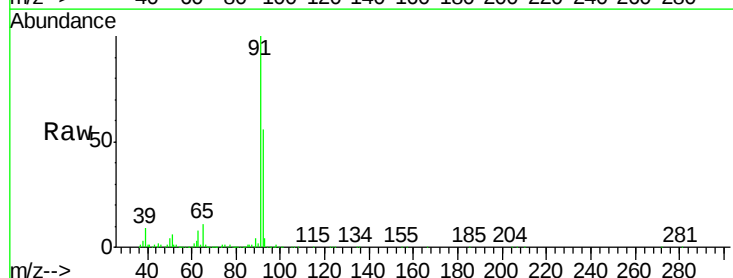
Acq: 30 Jan 2019 10:58

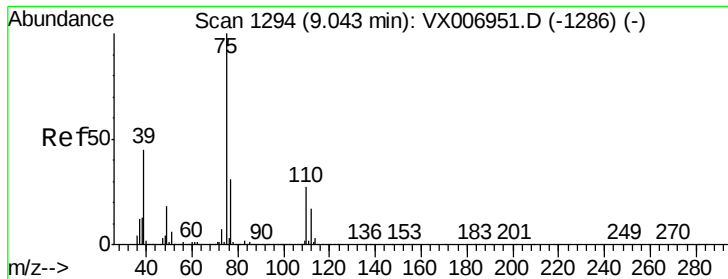
Tgt Ion: 92 Resp: 232125

Ion Ratio Lower Upper

92 100

91 177.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.082 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 75 Resp: 122758

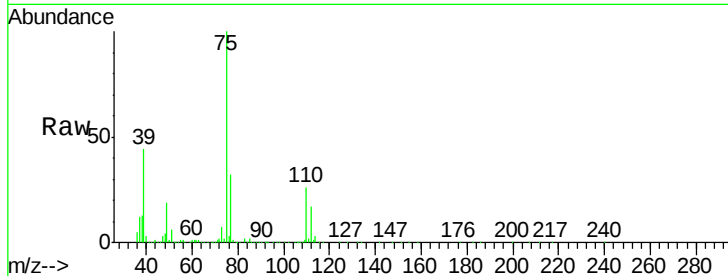
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

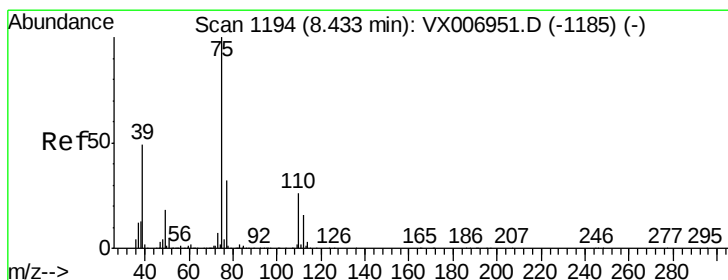
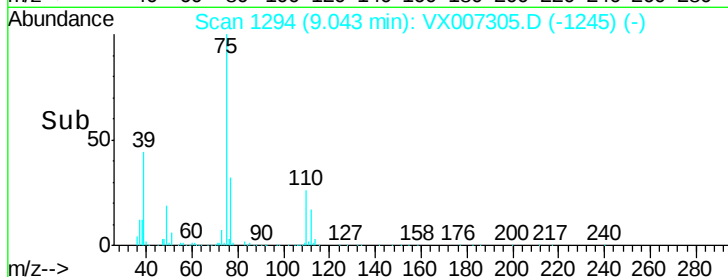
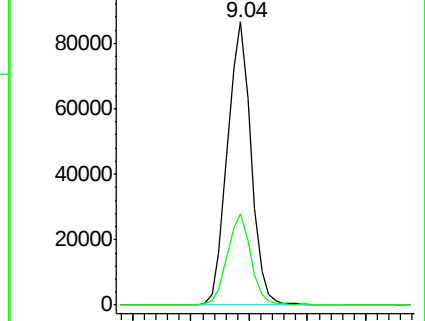
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.401 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

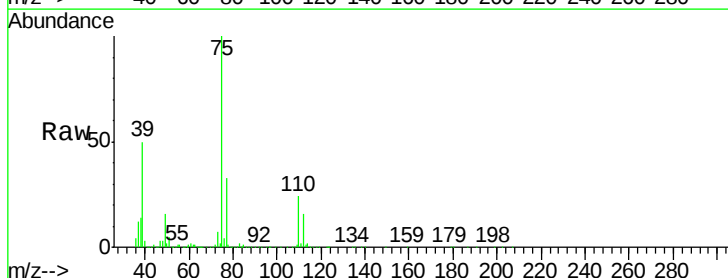
Tgt Ion: 75 Resp: 137953

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

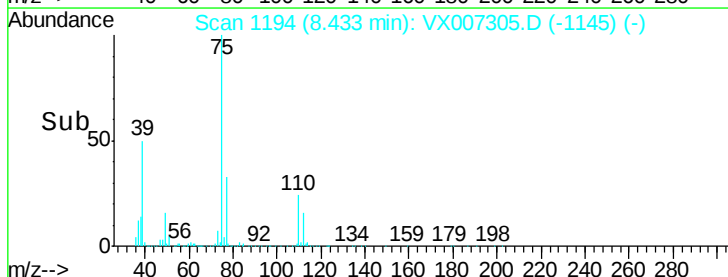
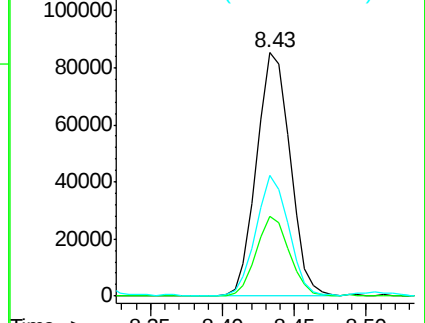
39 49.4 36.7 55.1

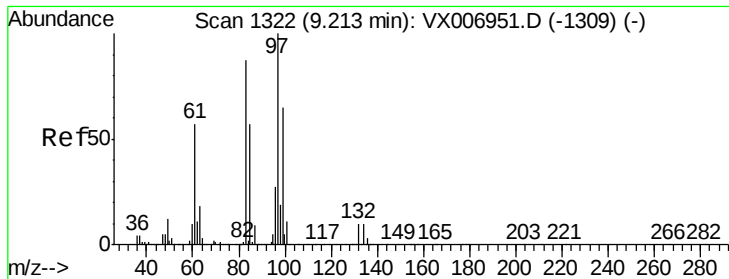


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





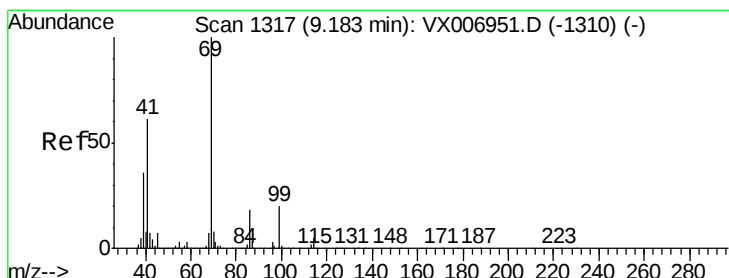
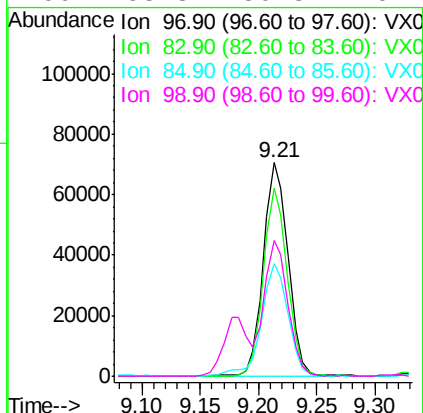
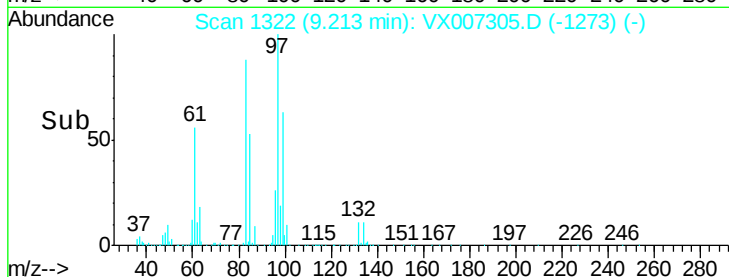
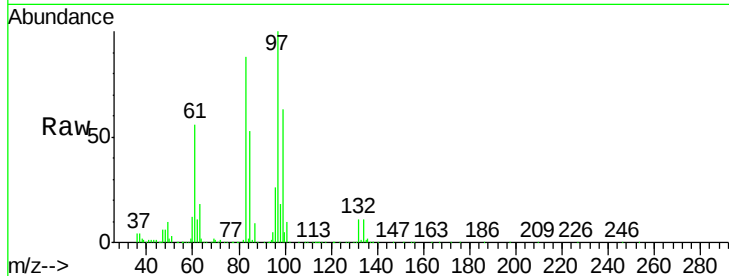
#55
 1,1,2-Trichloroethane
 Concen: 19.834 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.6	99.8
85	52.7	42.7	64.1
99	63.3	50.8	76.2

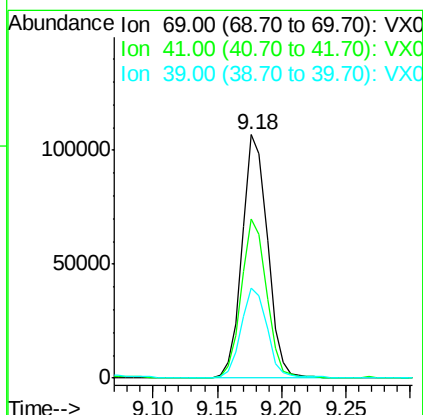
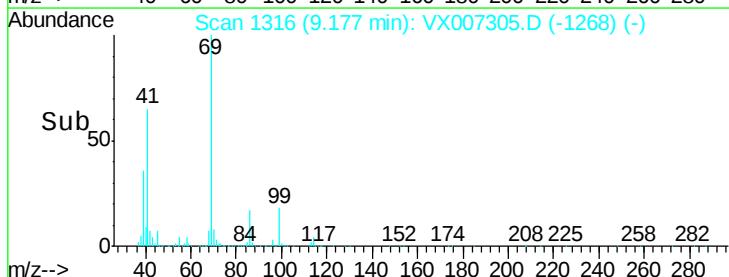
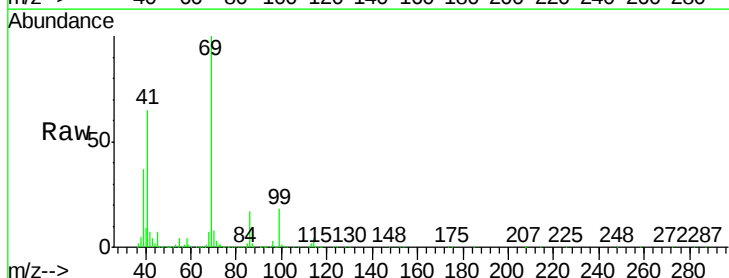
Manual Integrations
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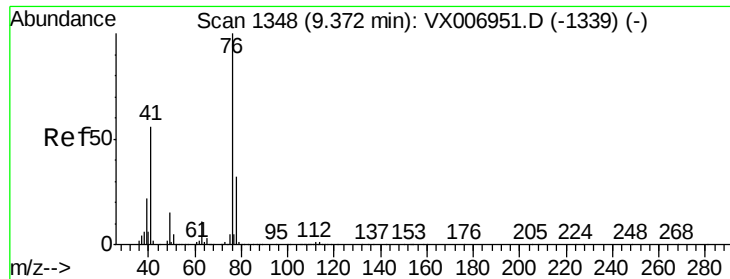
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#56
 Ethyl methacrylate
 Concen: 19.007 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	48.7	73.1
39	37.6	27.0	40.6





#57

1,3-Dichloropropane

Concen: 18.976 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 76 Resp: 162814

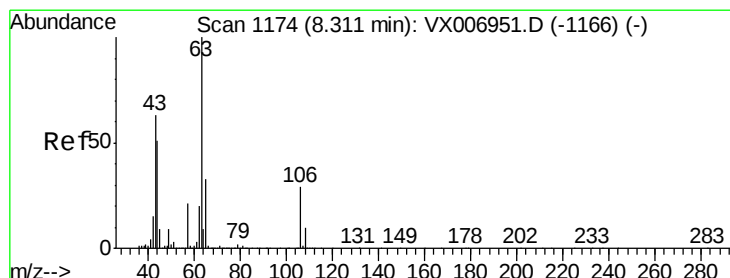
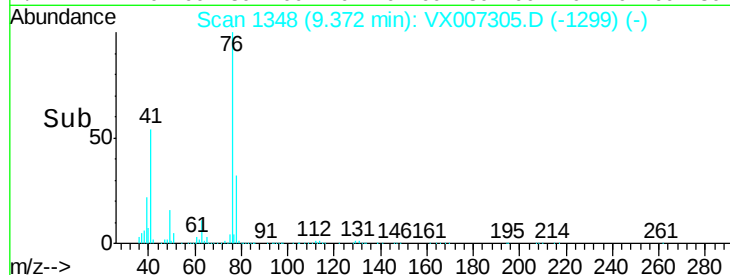
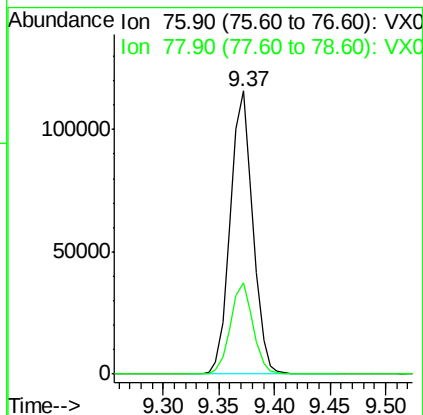
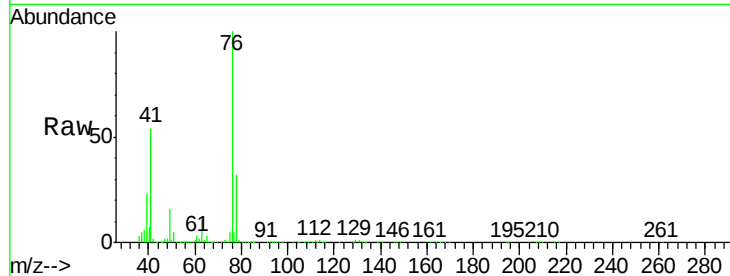
Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:26 AM



#58

2-Chloroethyl Vinyl ether

Concen: 89.025 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007305.D

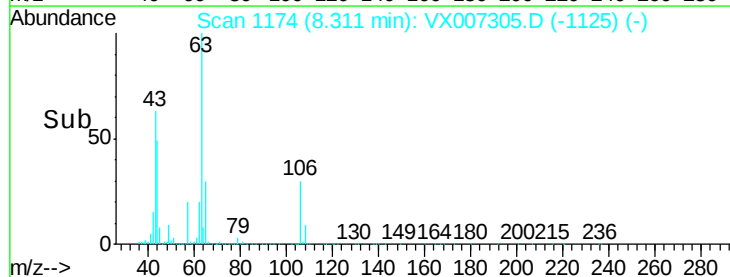
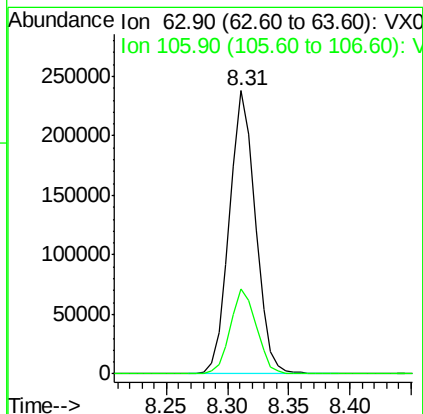
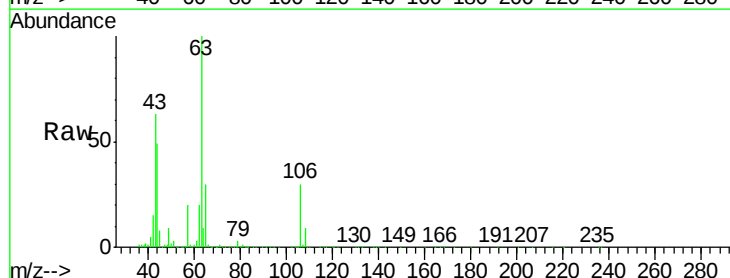
Acq: 30 Jan 2019 10:58

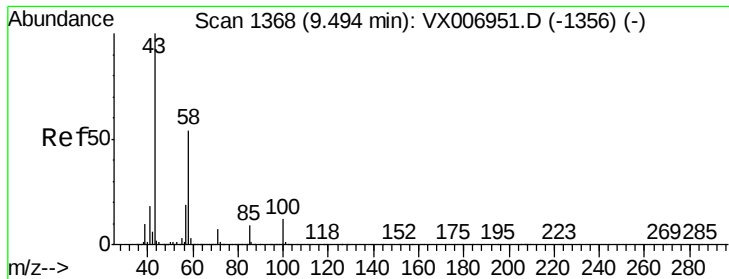
Tgt Ion: 63 Resp: 349958

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8





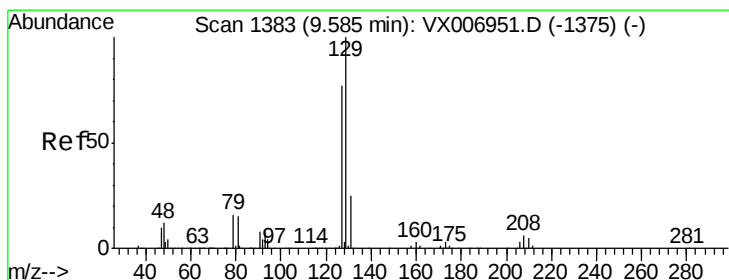
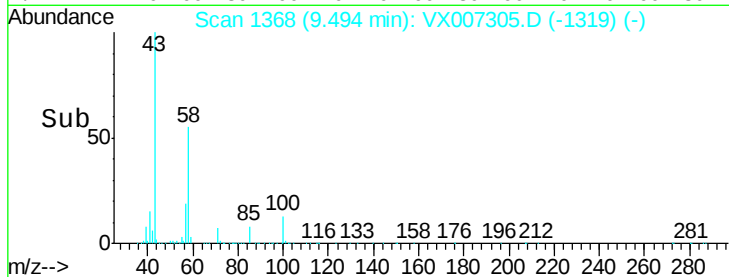
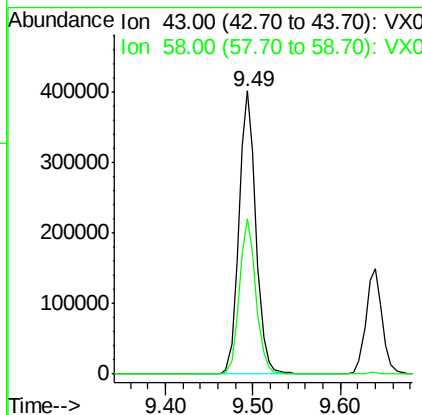
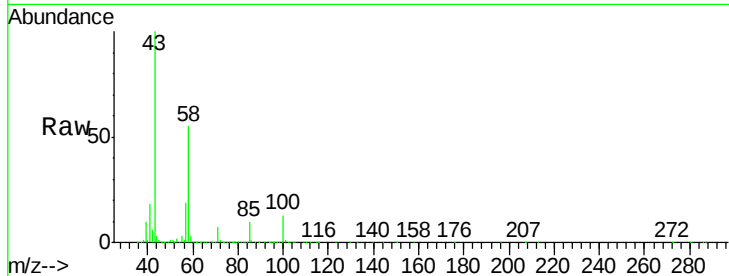
#59
2-Hexanone
Concen: 98.776 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 43 Resp: 545775
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

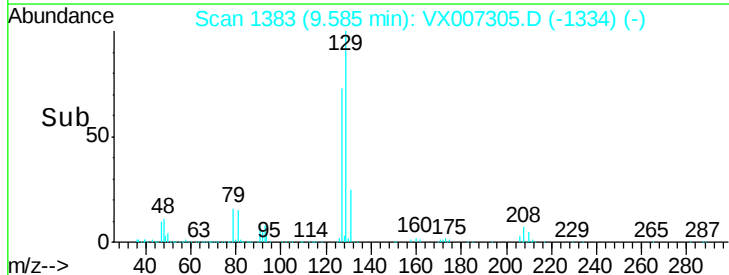
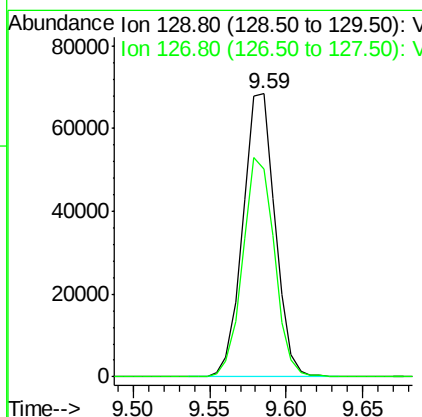
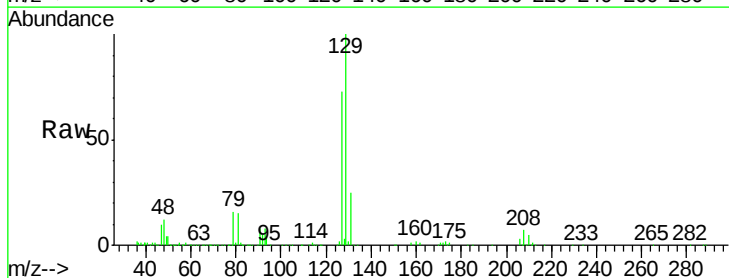
Manual Integrations
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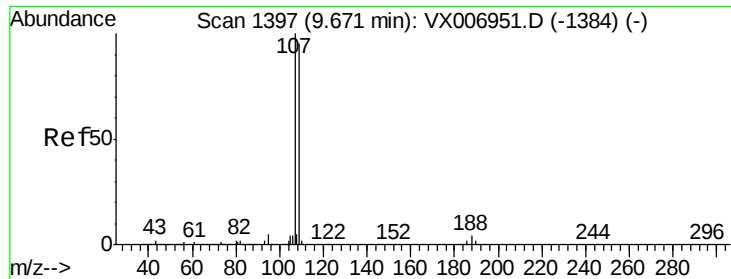
MMDadoda
2/1/2019 10:44:26 AM



#60
Dibromochloromethane
Concen: 19.689 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 129 Resp: 100124
Ion Ratio Lower Upper
129 100
127 76.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.728 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 107 Resp: 107977

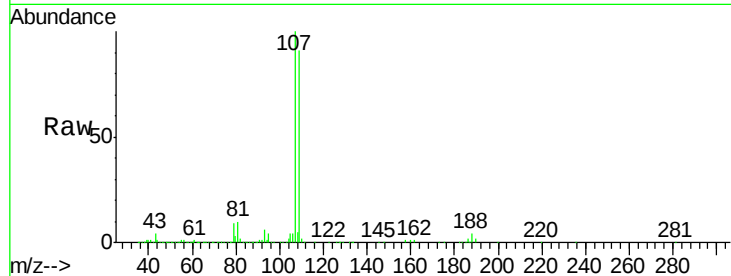
Ion Ratio Lower Upper

107 100

109 93.4 75.8 113.6

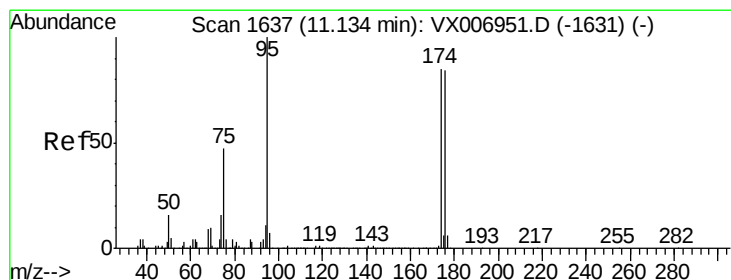
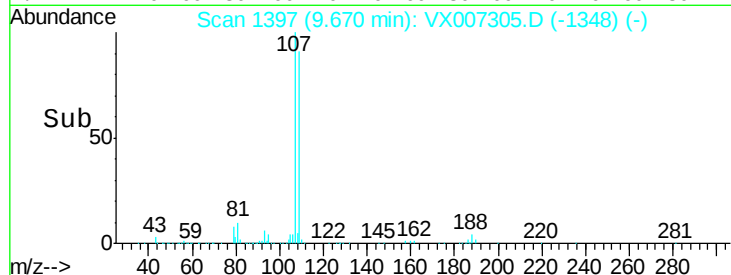
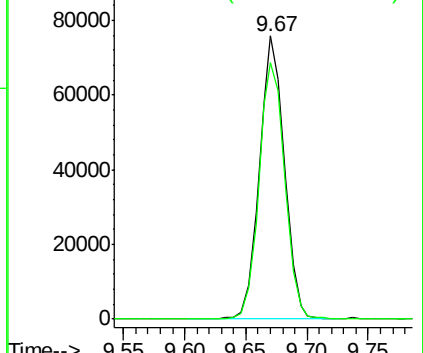
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

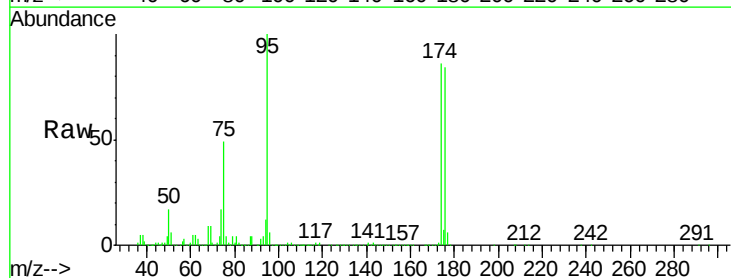
Tgt Ion: 95 Resp: 286050

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

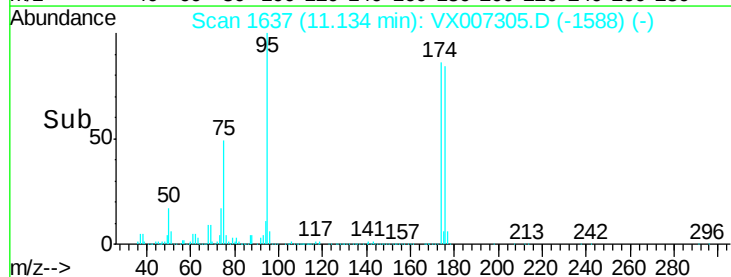
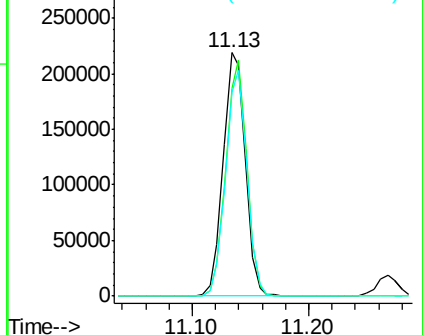
176 89.8 0.0 178.8

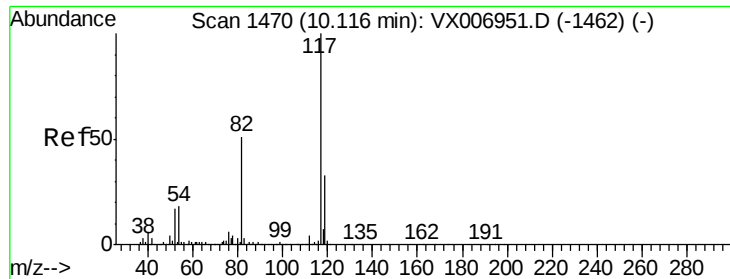


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





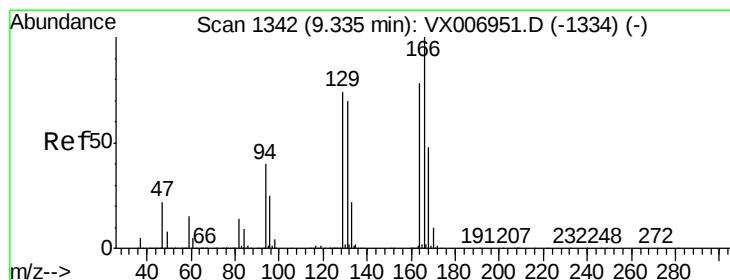
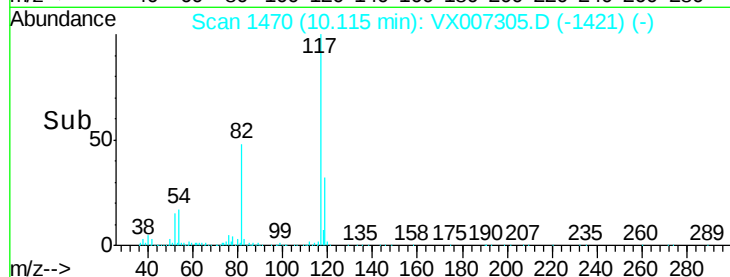
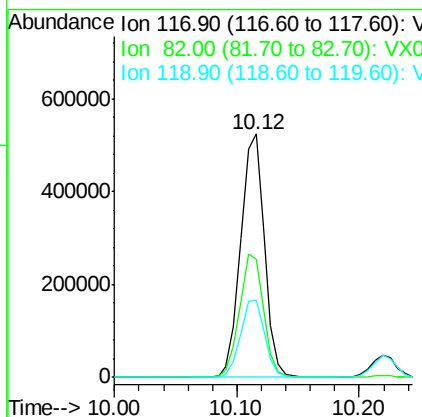
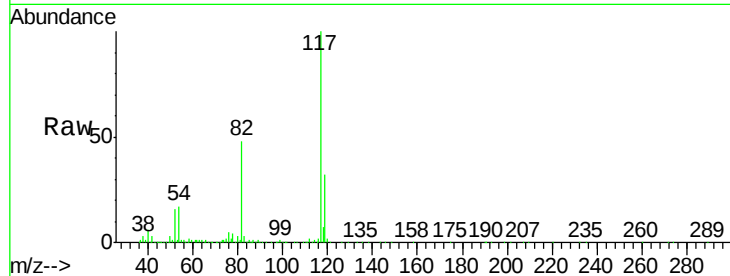
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	700489		
82	48.3		41.0	61.6
119	31.9		25.4	38.0

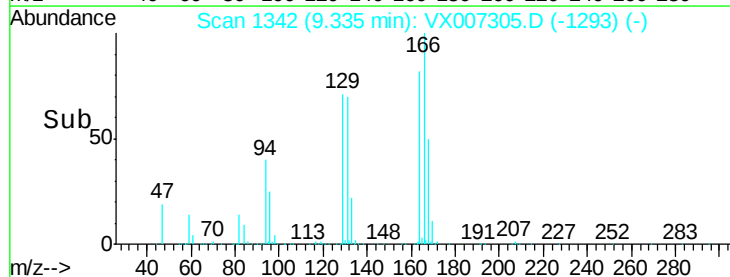
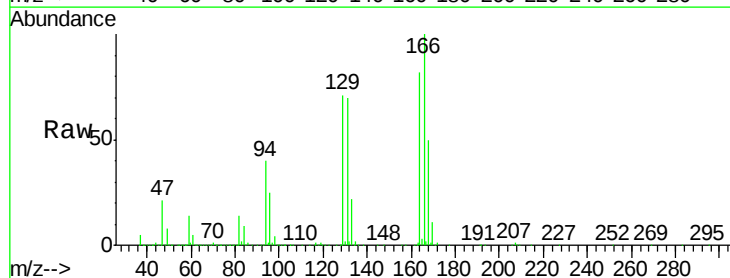
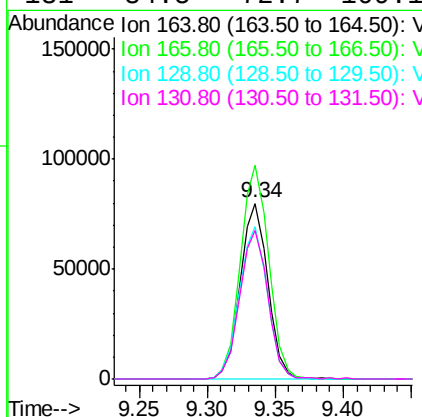
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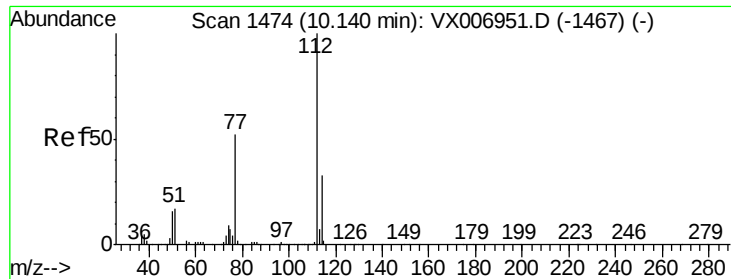
MMDadoda
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#64
Tetrachloroethene
Concen: 18.684 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113312		
166	121.4		102.5	153.7
129	86.5		75.1	112.7
131	84.5		72.7	109.1





#65

Chlorobenzene

Concen: 18.000 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion:112 Resp: 275001

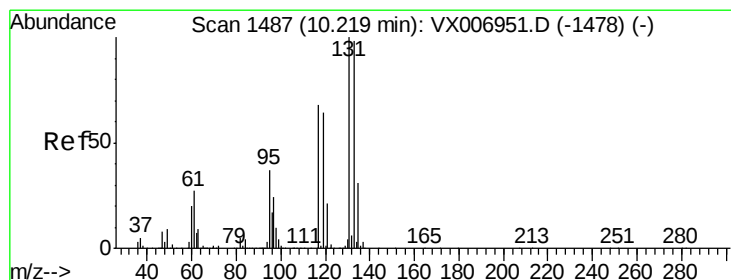
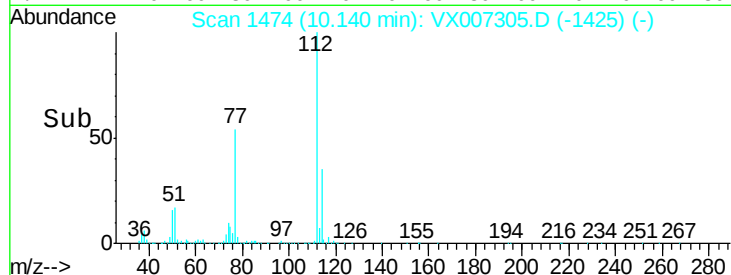
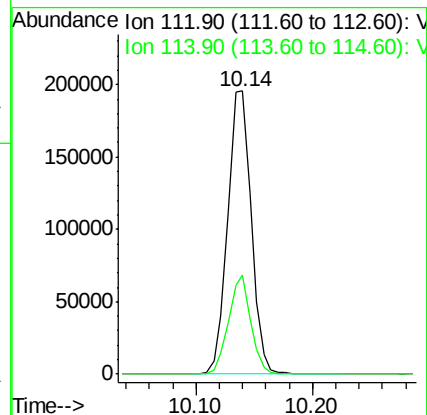
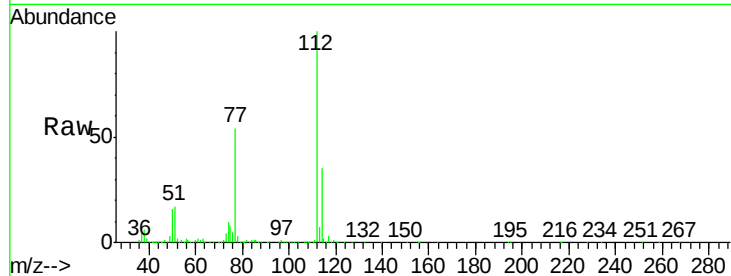
Ion Ratio Lower Upper

112 100

114 34.9 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.800 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

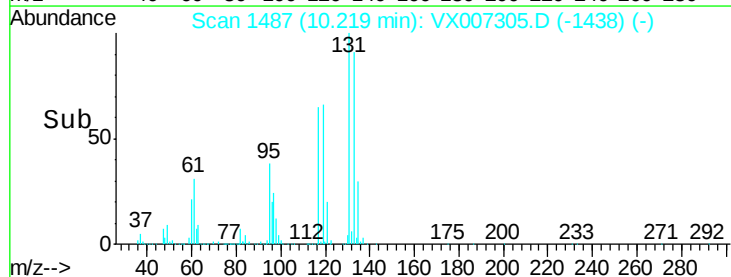
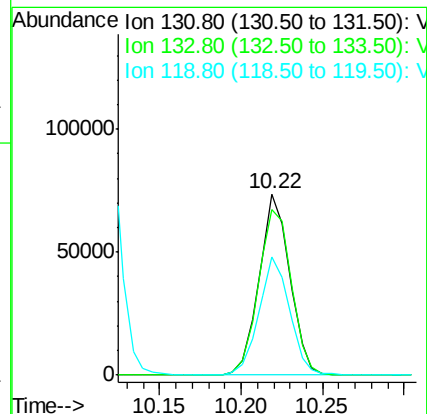
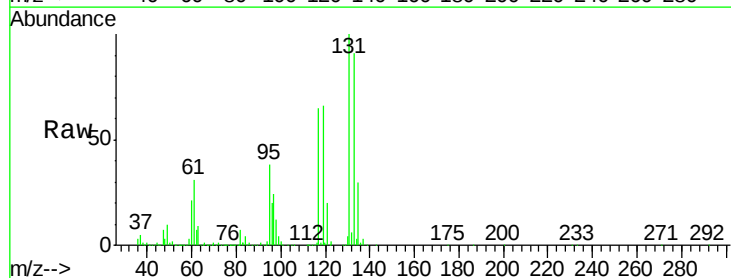
Tgt Ion:131 Resp: 96621

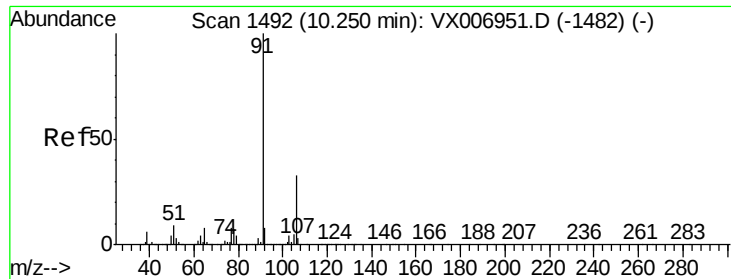
Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.2

119 65.6 32.6 97.8





#67

Ethyl Benzene

Concen: 17.819 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 91 Resp: 449437

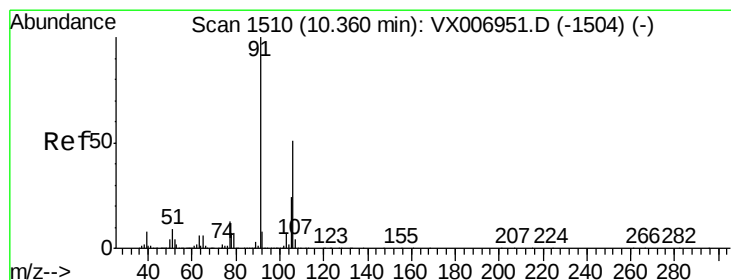
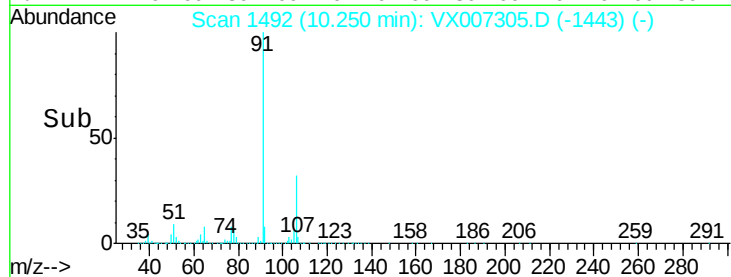
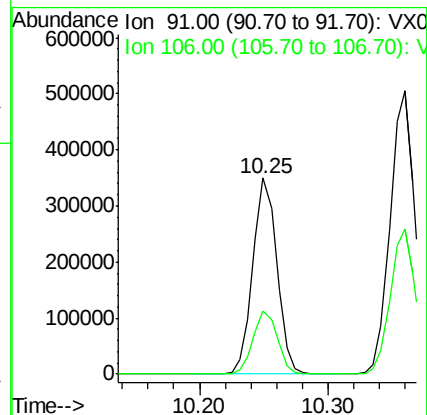
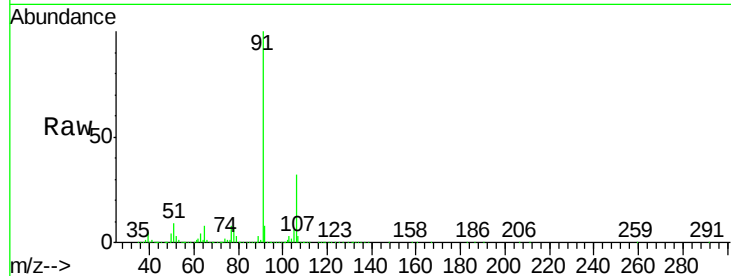
Ion Ratio Lower Upper

91 100

106 32.0 26.4 39.6

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#68

m/p-Xylenes

Concen: 35.220 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007305.D

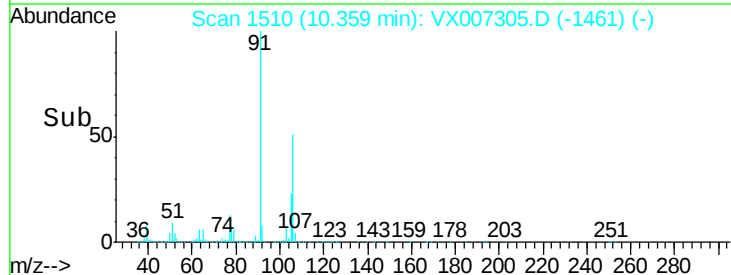
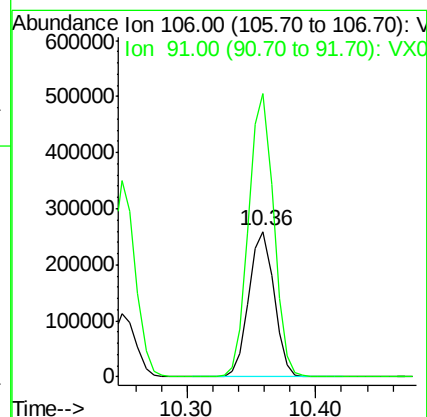
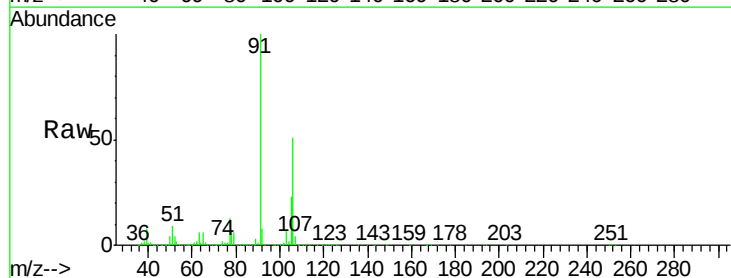
Acq: 30 Jan 2019 10:58

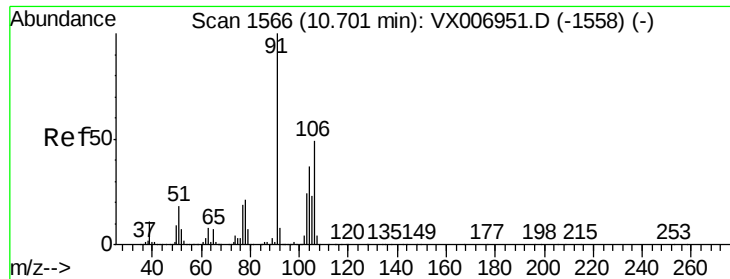
Tgt Ion: 106 Resp: 349990

Ion Ratio Lower Upper

106 100

91 194.1 155.8 233.6





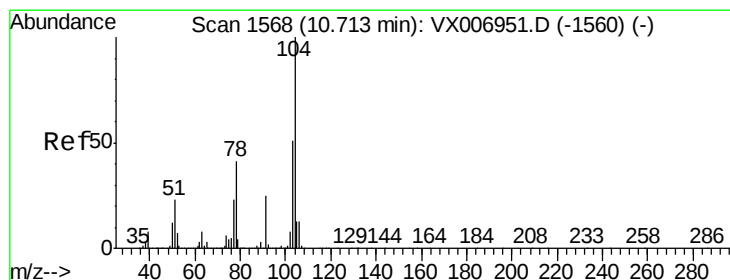
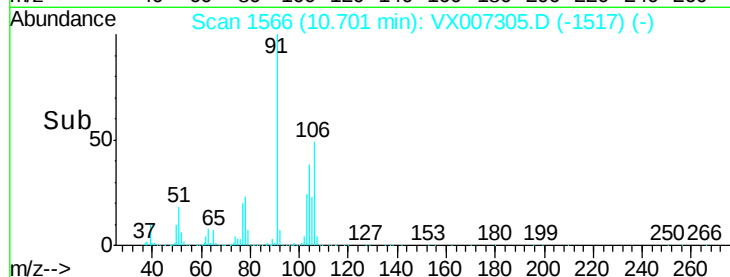
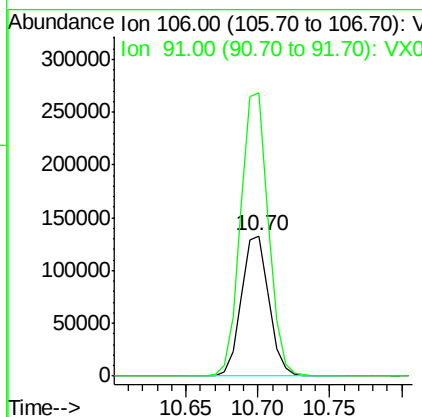
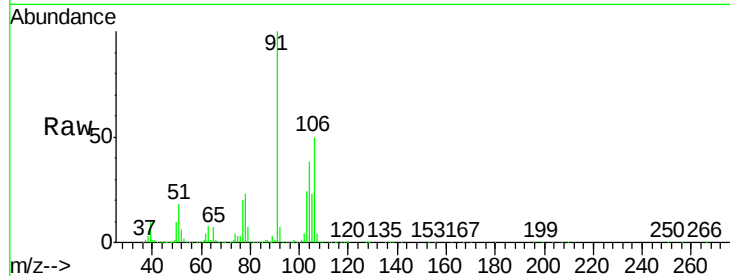
#69
o-Xylene
Concen: 18.082 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.4	101.3	303.7

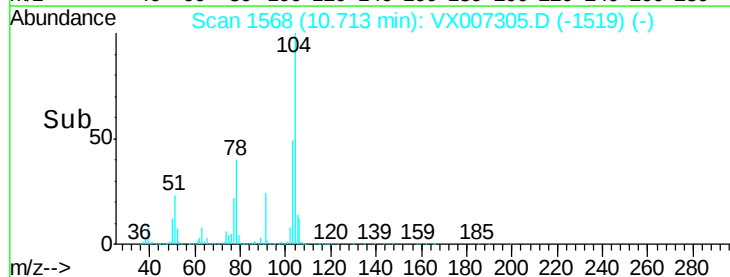
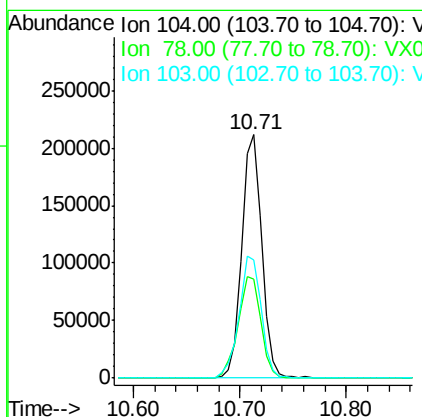
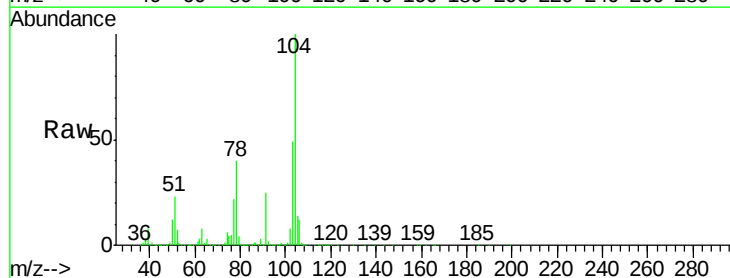
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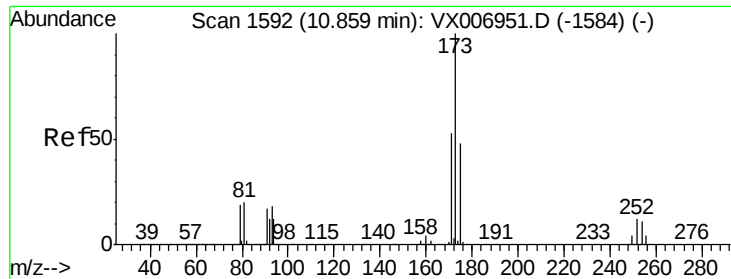
MMDadoda
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#70
Styrene
Concen: 18.307 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	47.7	37.7	56.5
103	103	55.5	43.8	65.8





#71

Bromoform

Concen: 19.100 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

VX0130WBSD01

Tot Ion:173 Resp: 72986

Ion Ratio Lower Upper

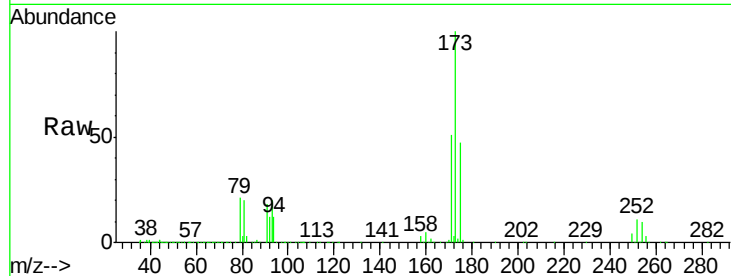
173 100

175 47.7 24.7 74.1

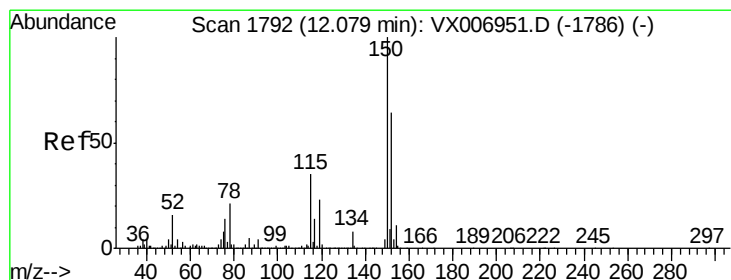
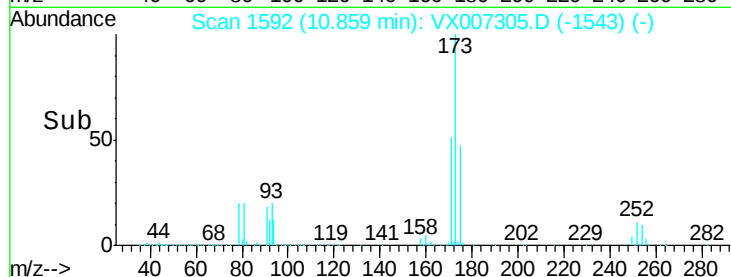
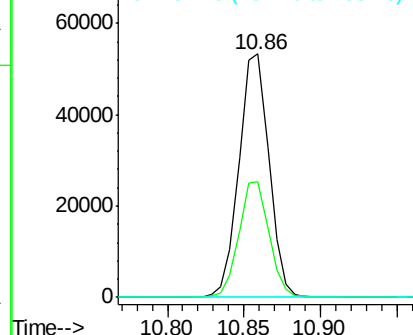
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

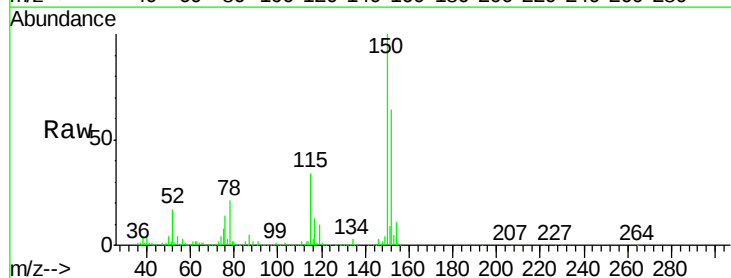
Tgt Ion:152 Resp: 360400

Ion Ratio Lower Upper

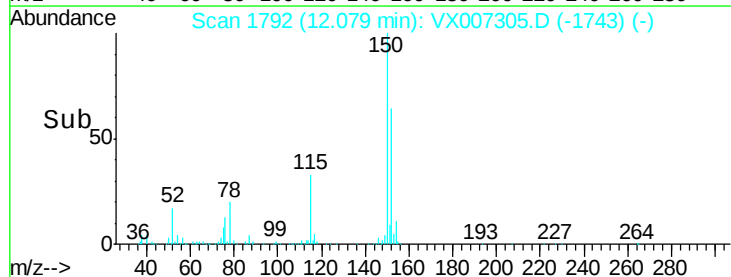
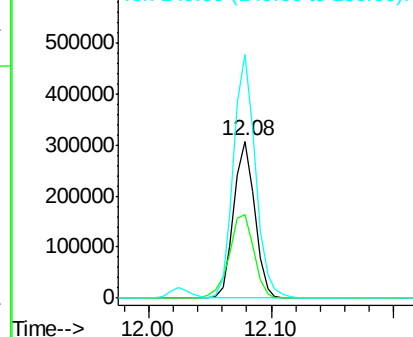
152 100

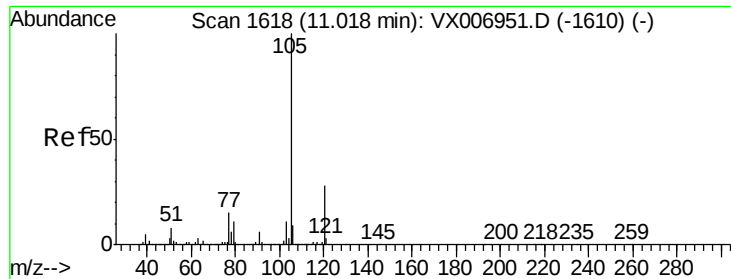
115 62.5 39.1 117.2

150 162.8 0.0 344.8



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





#73

Isopropylbenzene

Concen: 18.311 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 105 Resp: 465330

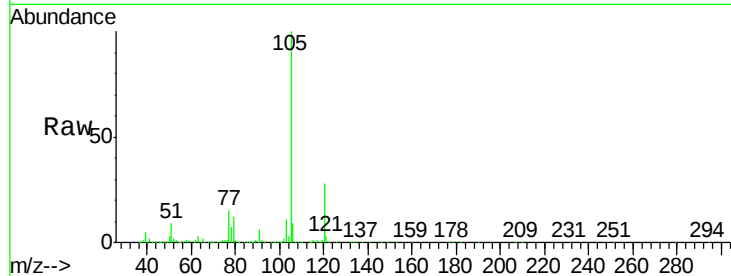
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

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

Ion 120.00 (119.70 to 120.70): V

11.02

400000

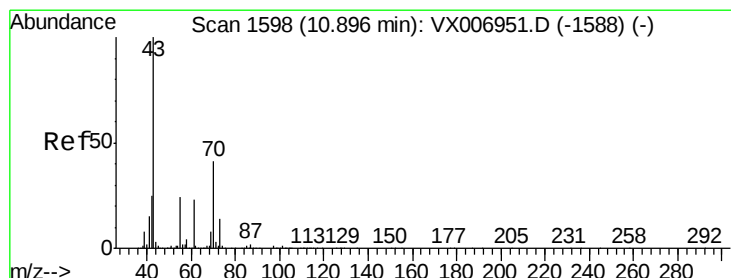
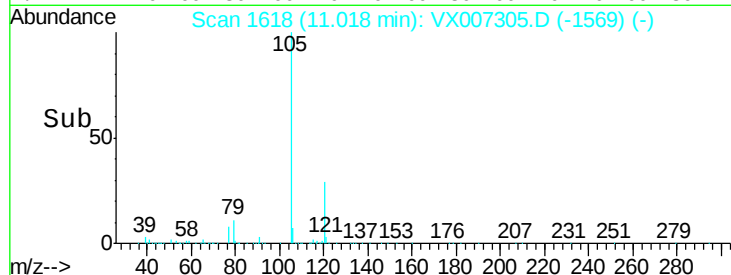
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.131 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion: 43 Resp: 185514

Ion Ratio Lower Upper

43 100

70 43.7 35.8 53.8

55 25.0 19.4 29.0

61 24.9 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

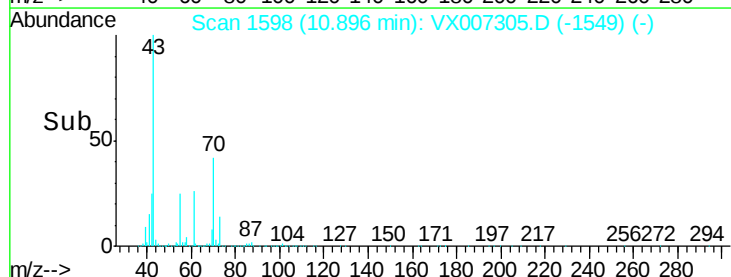
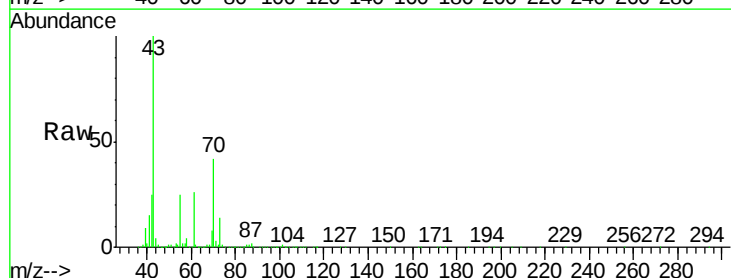
150000

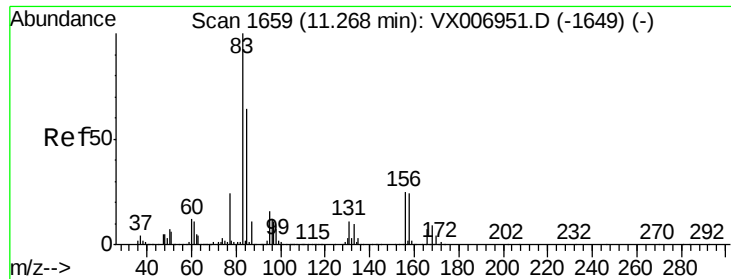
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.848 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

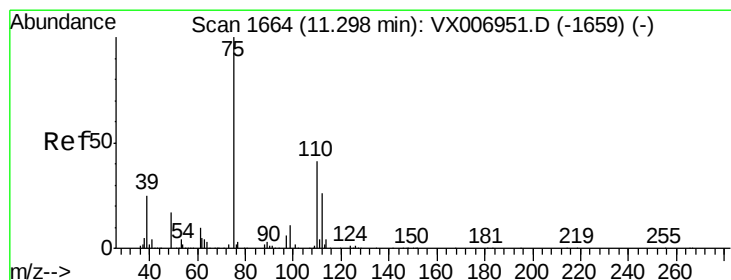
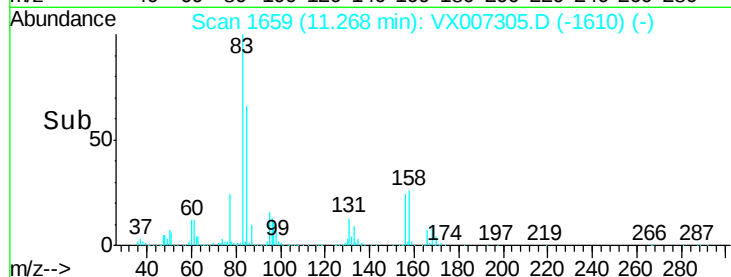
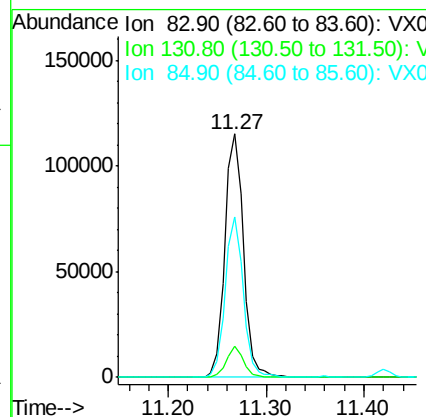
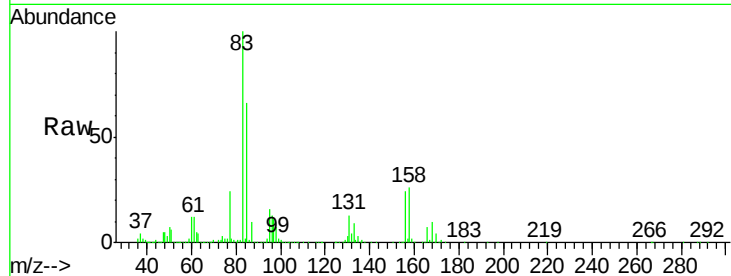
ClientSampleId :

VX0130WBSD01

Tot Ion:	83	Resp:	152065
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.7	17.1
85	64.2	32.2	96.6

Manual Integrations
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2/1/2019 10:44:26 AM



#76

1,2,3-Trichloropropane

Concen: 19.212 ug/l m

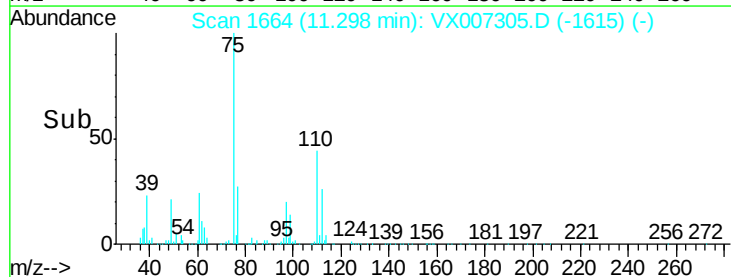
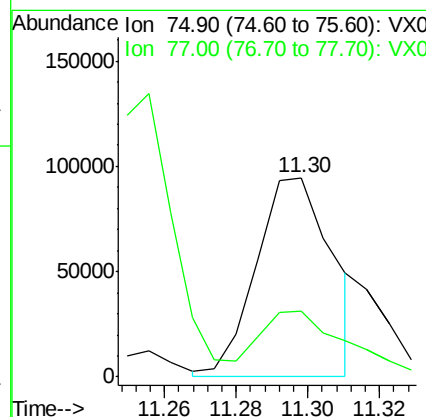
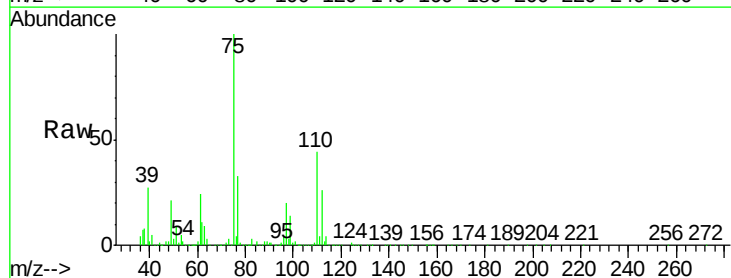
RT: 11.30 min Scan# 1664

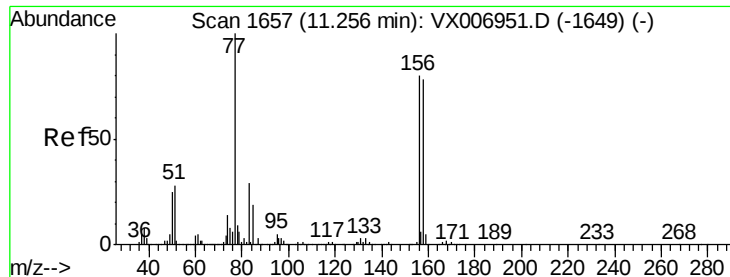
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	75	Resp:	140315
Ion Ratio	Lower	Upper	
75	100		
77	37.3	18.5	55.5





#77

Bromobenzene

Concen: 18.043 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

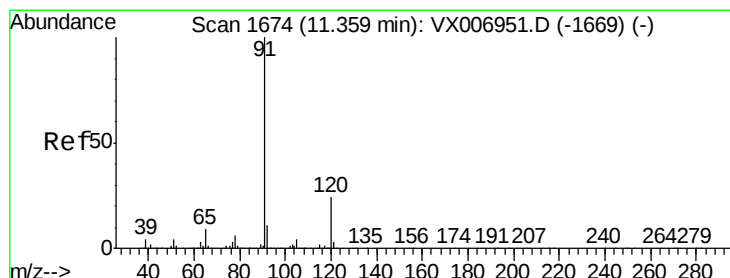
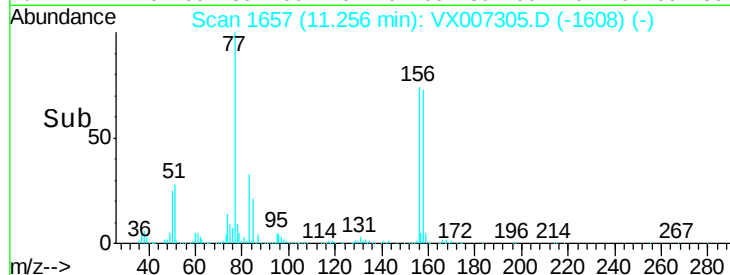
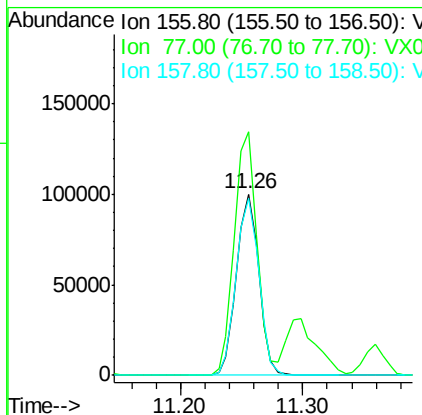
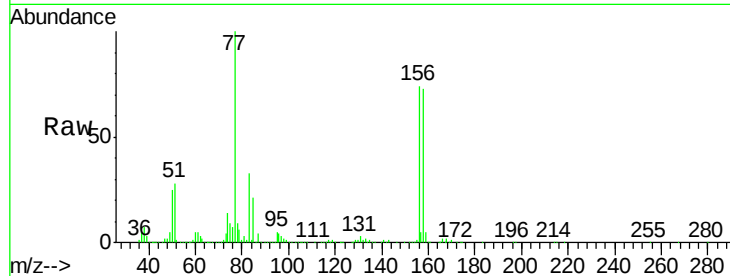
ClientSampled :

VX0130WBSD01

Tot Ion:	156	Resp:	126340
Ion Ratio	Lower	Upper	
156	100		
77	137.4	68.0	204.0
158	99.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.283 ug/l

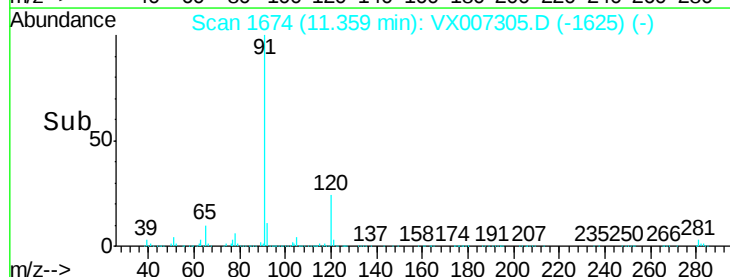
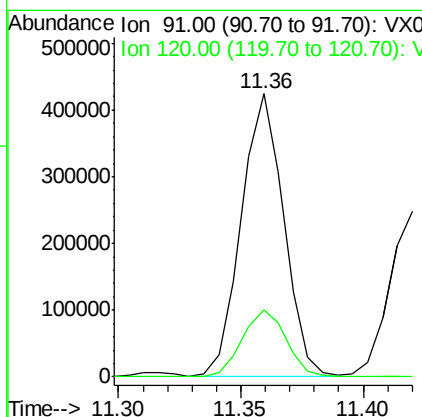
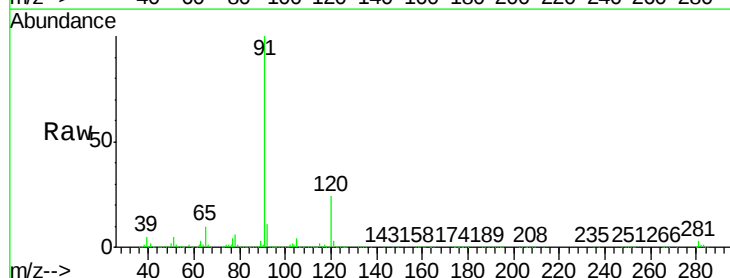
RT: 11.36 min Scan# 1674

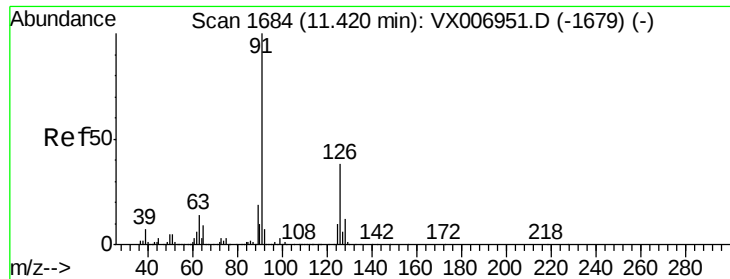
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	91	Resp:	510072
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.7	38.0





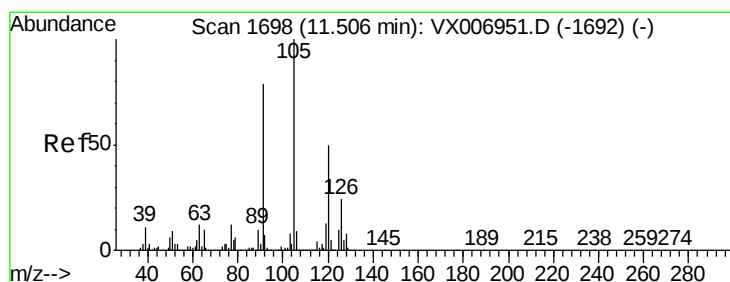
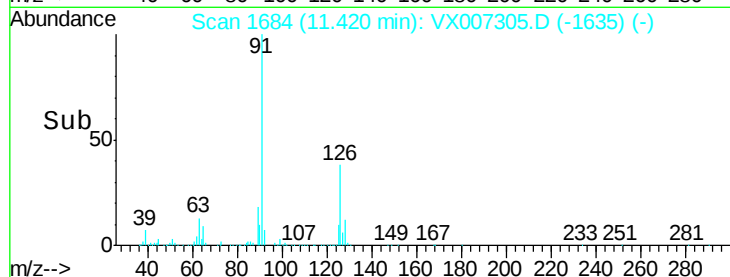
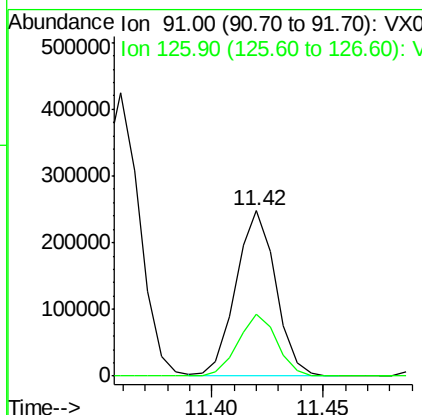
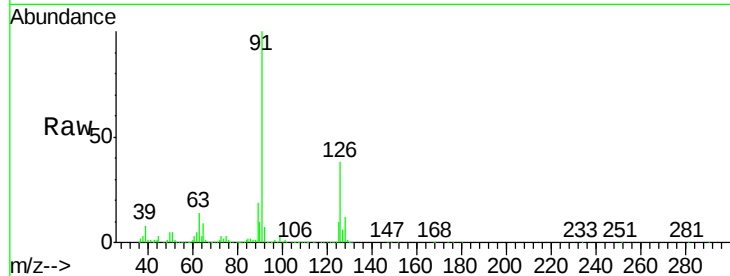
#79
 2-Chlorotoluene
 Concen: 18.245 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion: 91 Resp: 306396
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.6 56.0

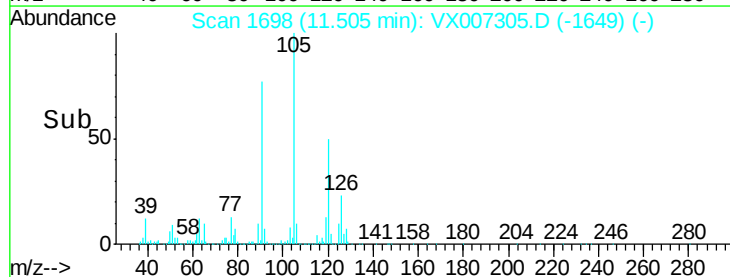
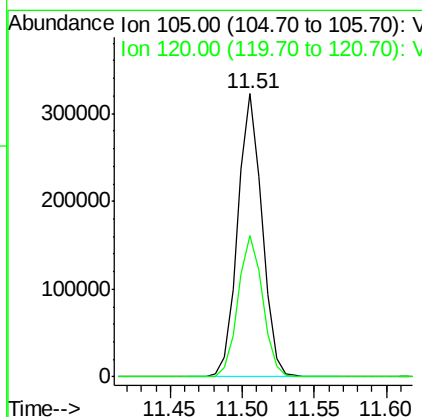
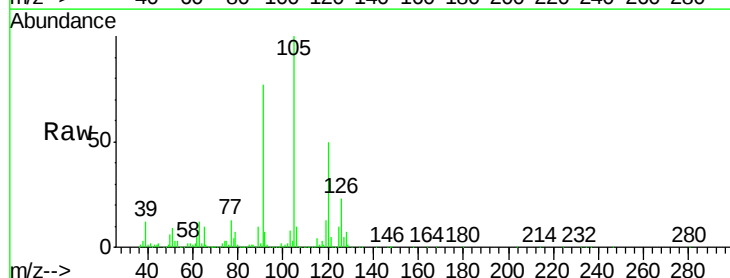
Manual Integrations
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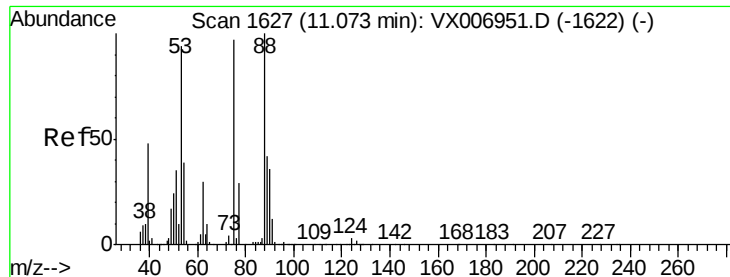
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#80
 1,3,5-Trimethylbenzene
 Concen: 17.810 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion: 105 Resp: 378188
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.020 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 75 Resp: 37275

Ion Ratio Lower Upper

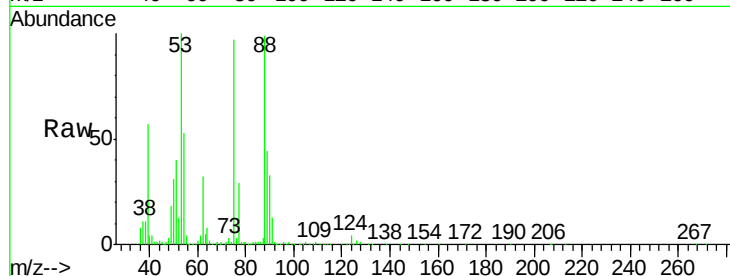
75 100

53 108.7 79.7 119.5

89 53.3 38.0 57.0

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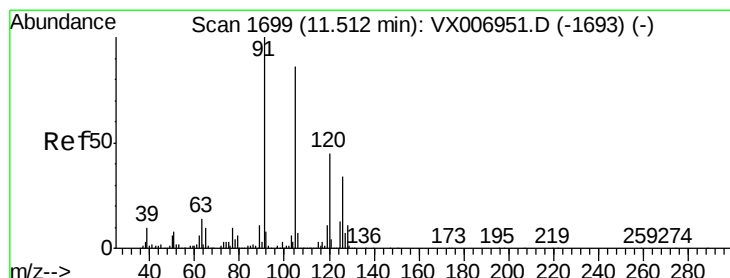
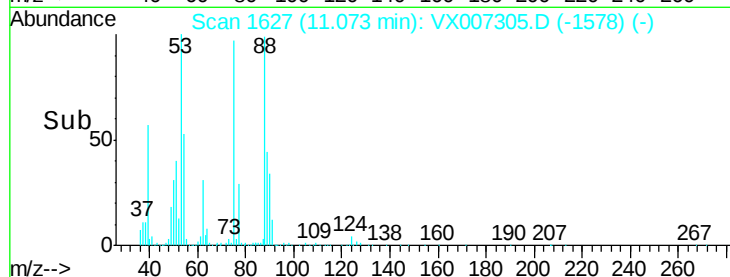
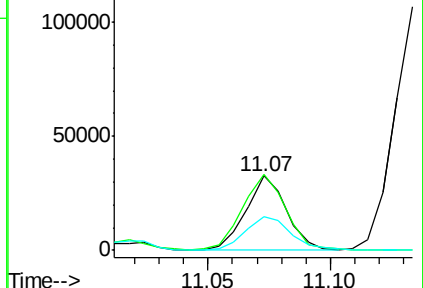
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.053 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007305.D

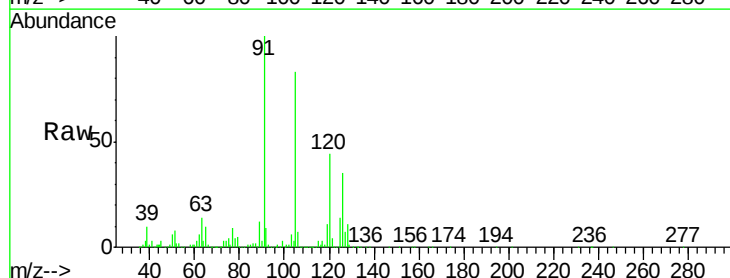
Acq: 30 Jan 2019 10:58

Tgt Ion: 91 Resp: 351027

Ion Ratio Lower Upper

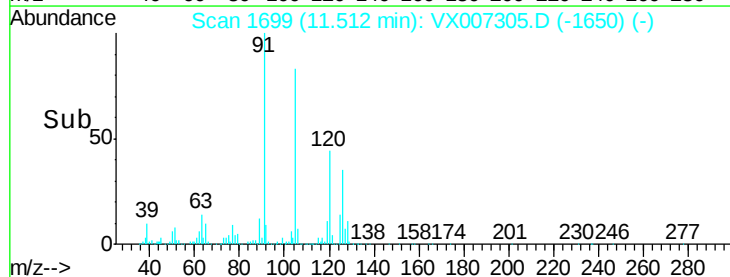
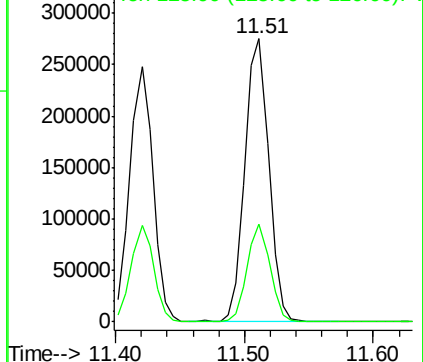
91 100

126 33.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.363 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

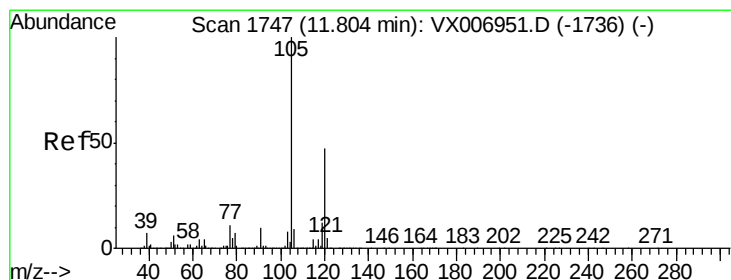
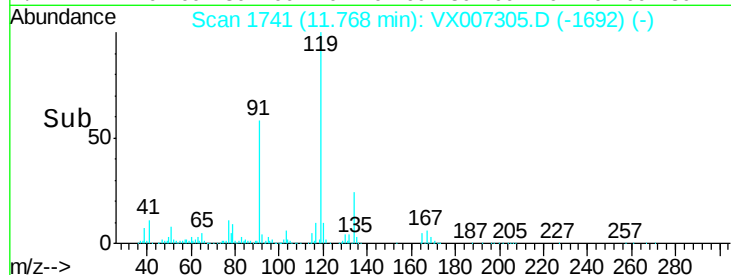
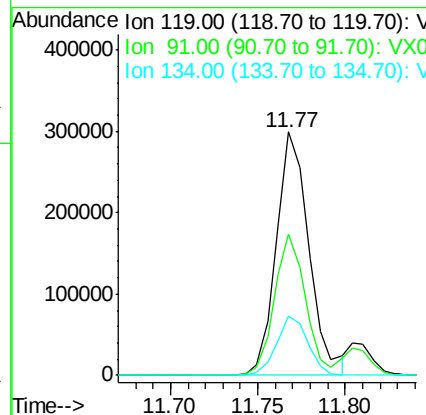
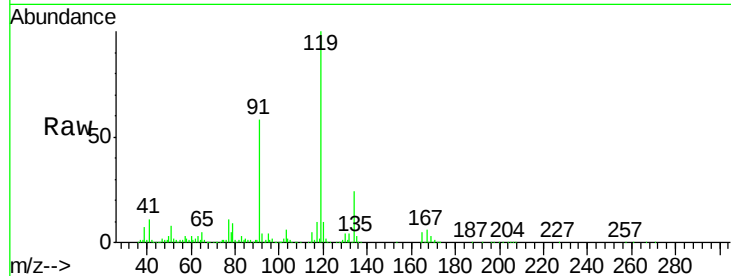
ClientSampleId :

VX0130WBSD01

Tot Ion:	119	Resp:	389049
Ion Ratio	Lower	Upper	
119	100		
91	54.9	27.7	83.1
134	23.4	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.148 ug/l

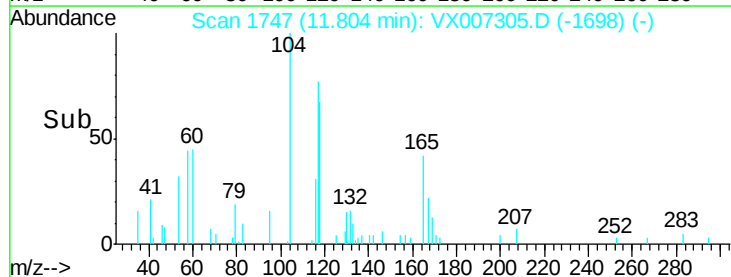
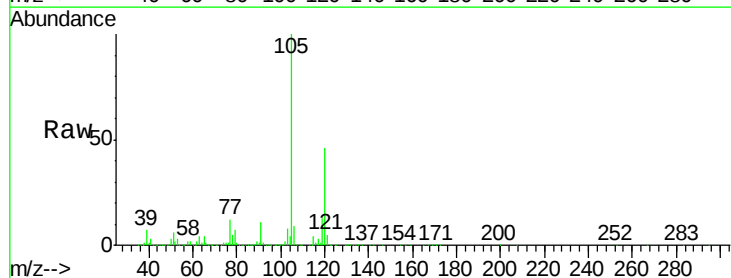
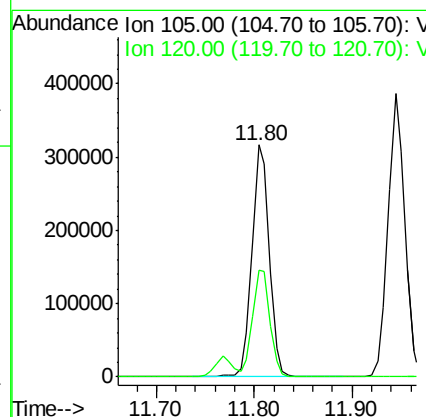
RT: 11.80 min Scan# 1747

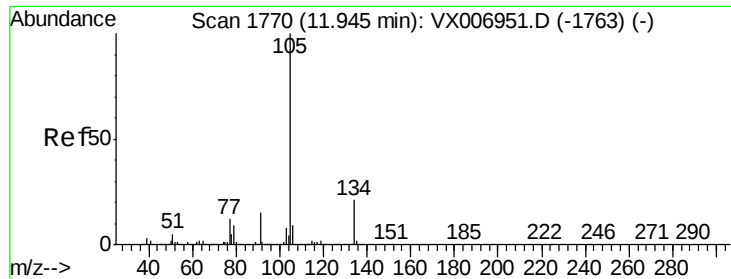
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	105	Resp:	387522
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.216 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion:105 Resp: 460910

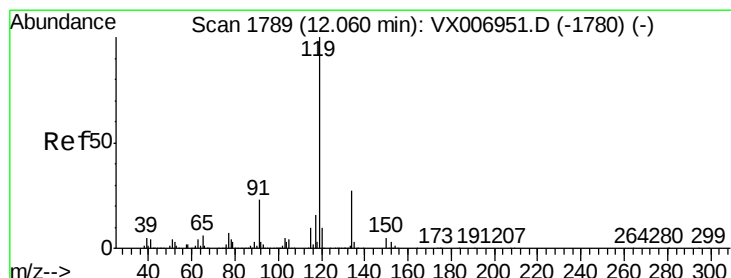
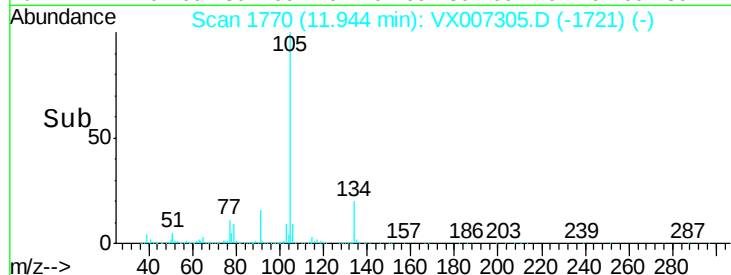
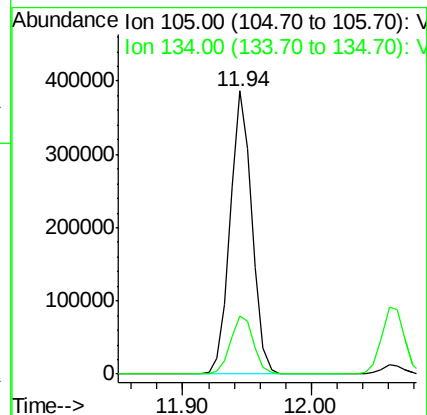
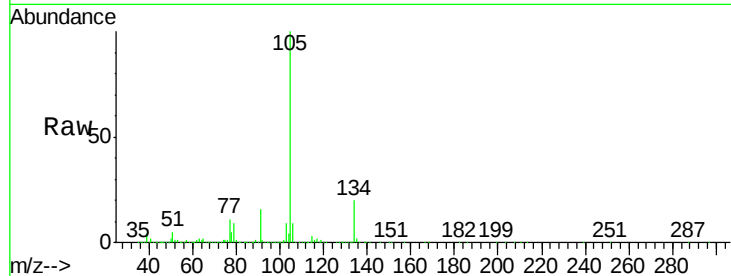
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.193 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

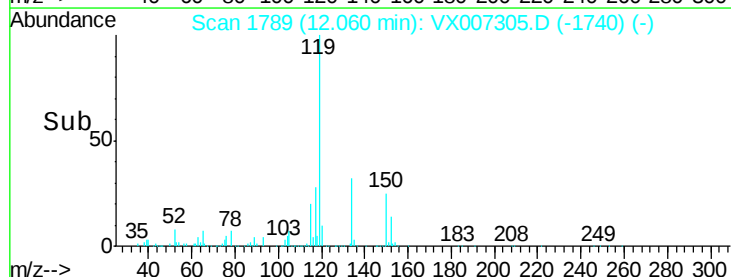
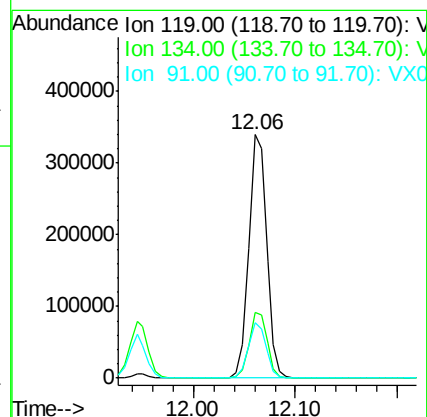
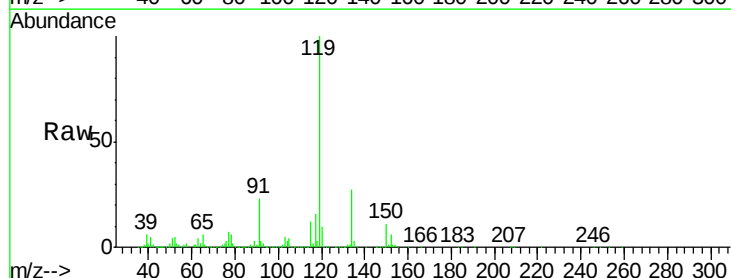
Tgt Ion:119 Resp: 411751

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 17.953 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

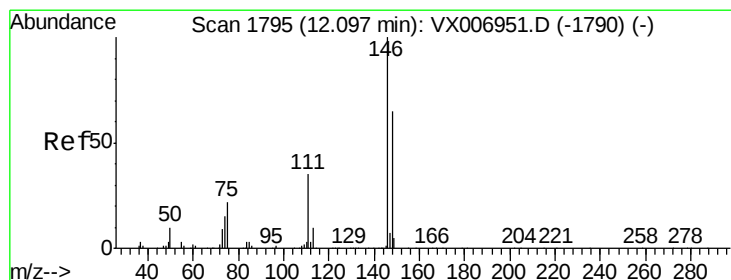
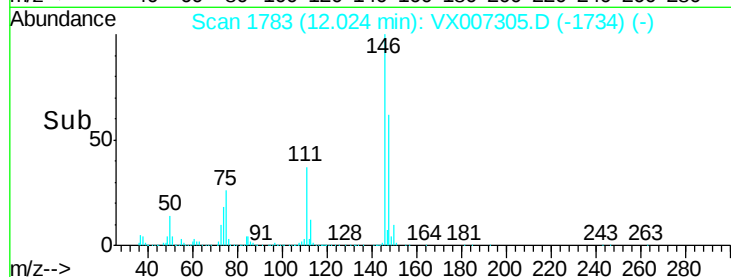
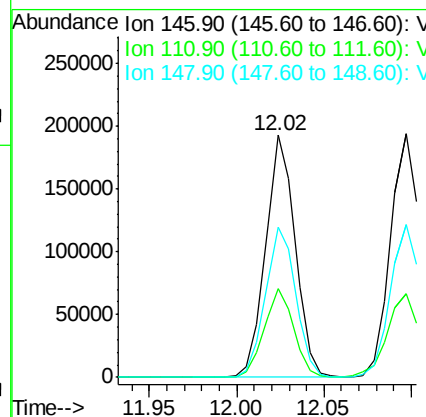
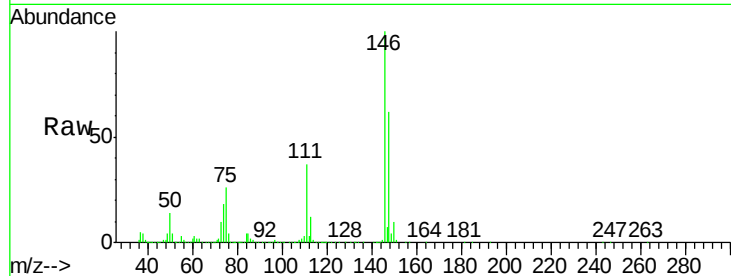
ClientSampleId :

VX0130WBSD01

Tot Ion:	146	Resp:	227224
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.6	55.8
148	63.8	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.257 ug/l

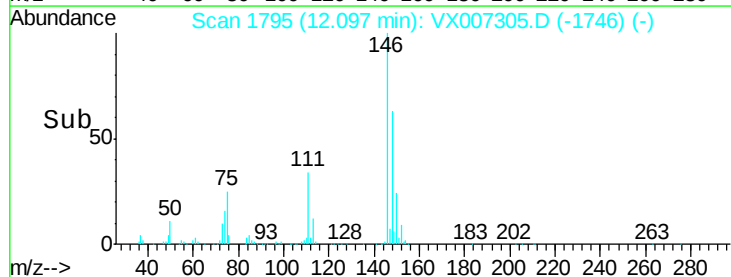
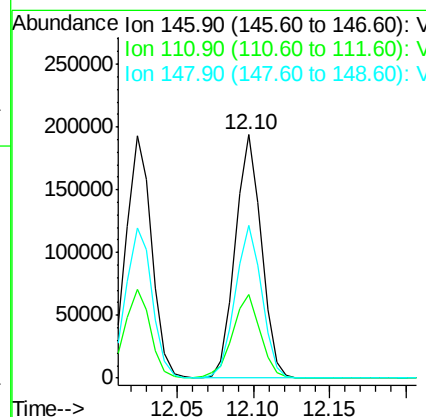
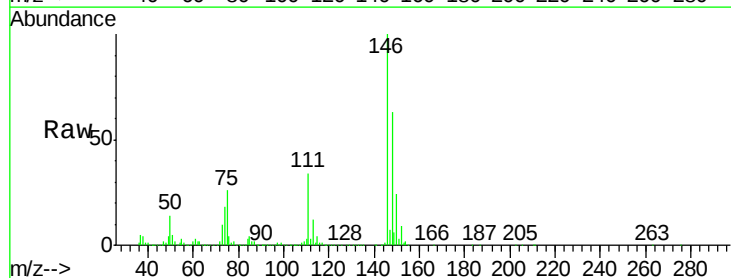
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	146	Resp:	229851
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.1	54.1
148	63.7	31.9	95.9





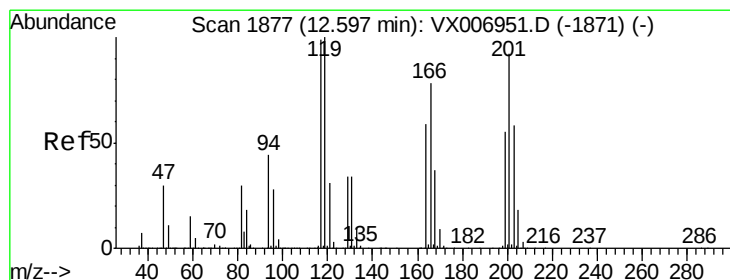
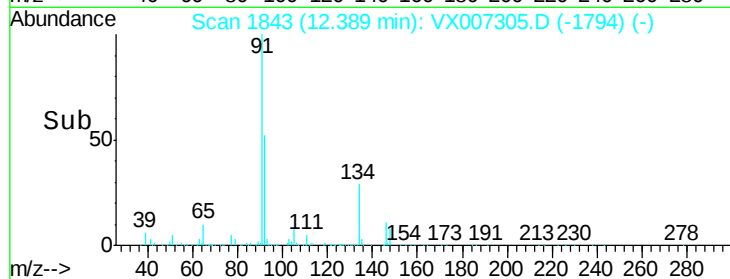
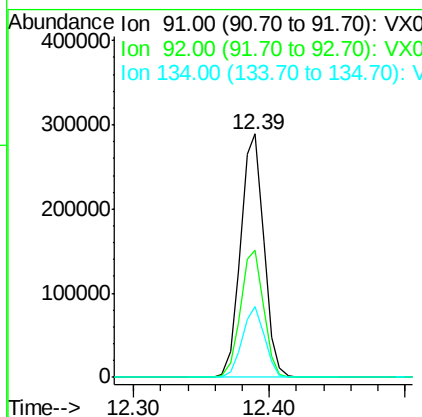
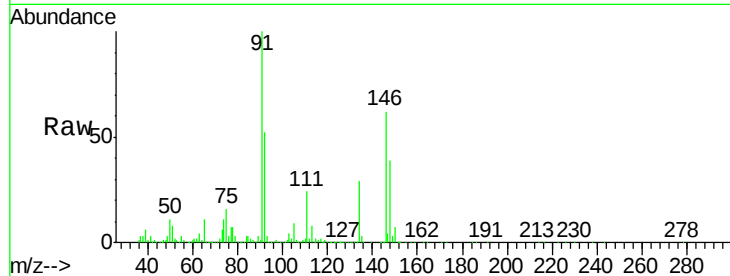
#89
n-Butylbenzene
Concen: 17.812 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	343651		
92	51.9	26.8	80.4	
134	28.2	14.4	43.2	

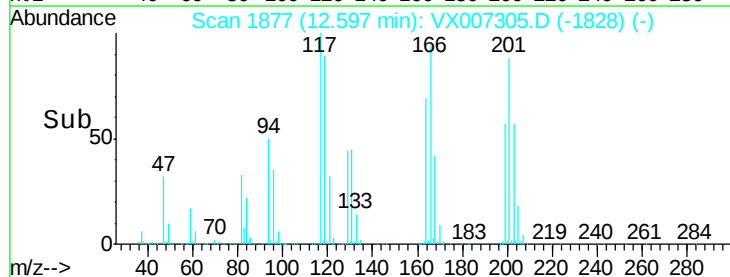
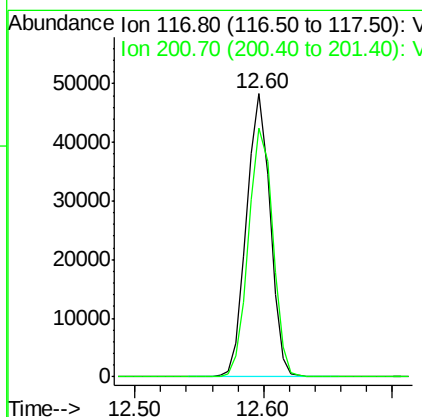
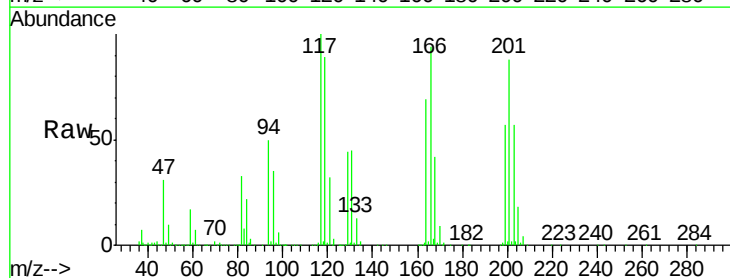
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#90
Hexachloroethane
Concen: 18.826 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61065		
201	89.9	42.9	128.7	





#91

1,2-Dichlorobenzene

Concen: 18.017 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

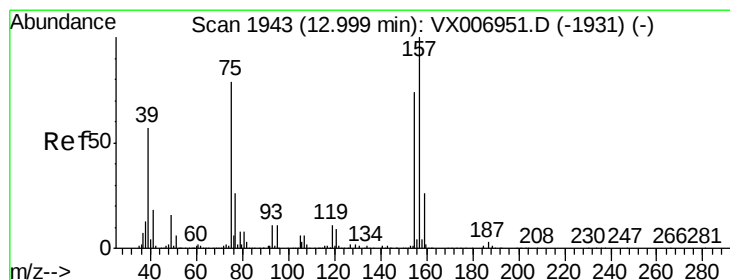
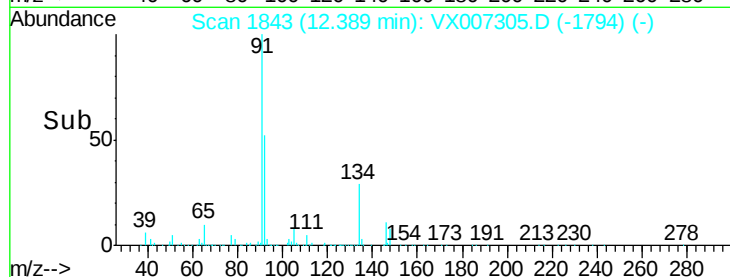
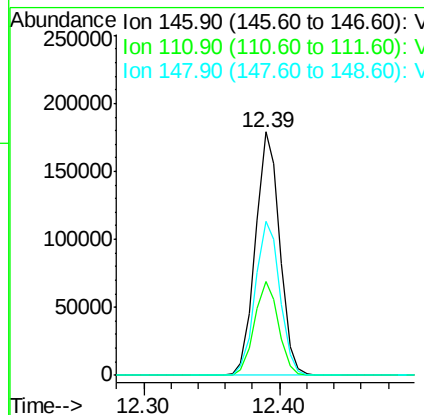
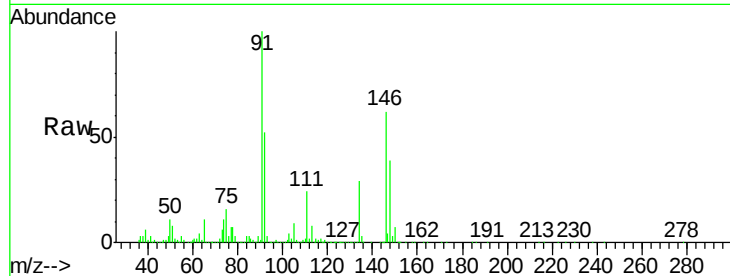
ClientSampleId :

VX0130WBSD01

Tot Ion:	146	Resp:	225037
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.4	58.2
148	64.7	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.484 ug/l

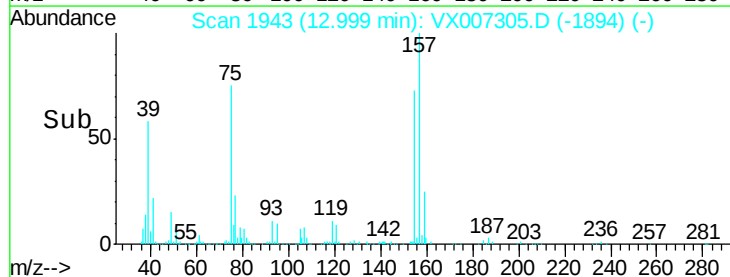
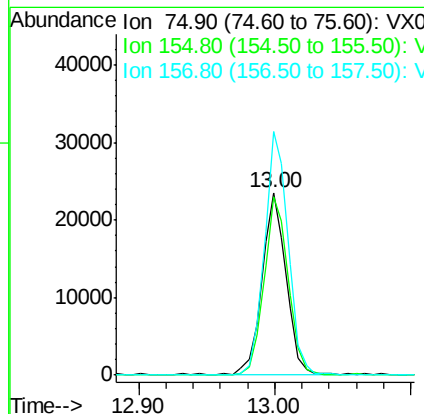
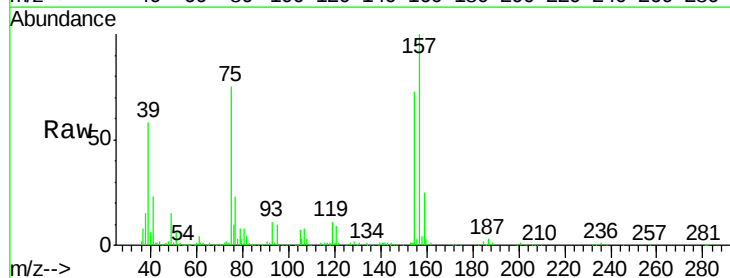
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	75	Resp:	29493
Ion Ratio	Lower	Upper	
75	100		
155	97.4	50.6	151.8
157	131.1	64.6	193.8





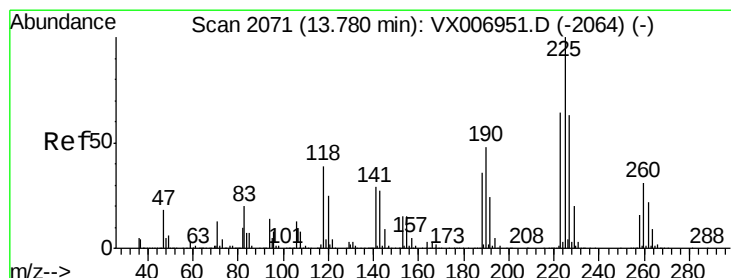
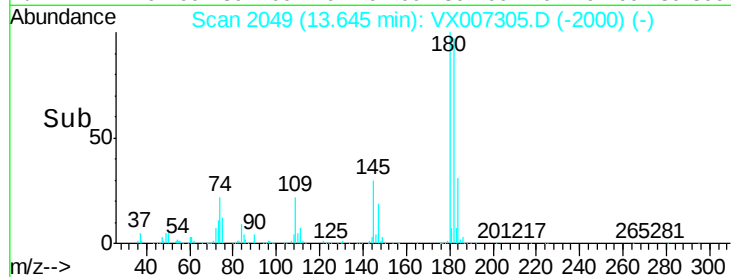
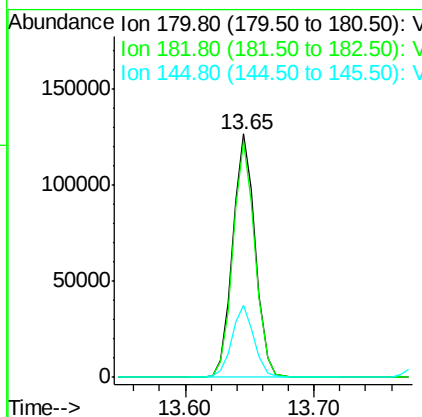
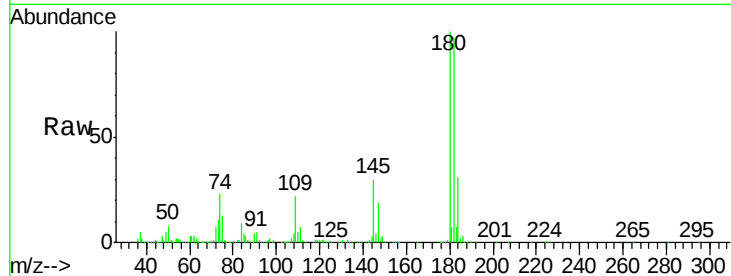
#93
 1,2,4-Trichlorobenzene
 Concen: 18.036 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154553		
182	94.9	47.3	142.0	
145	29.0	14.8	44.3	

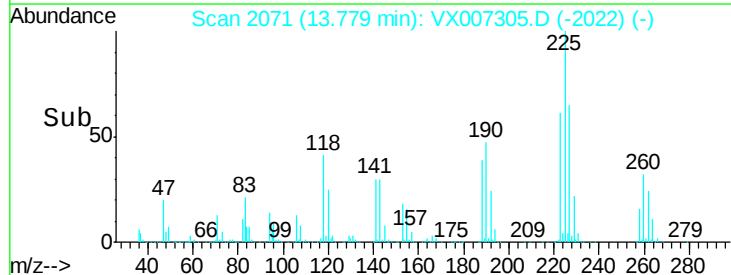
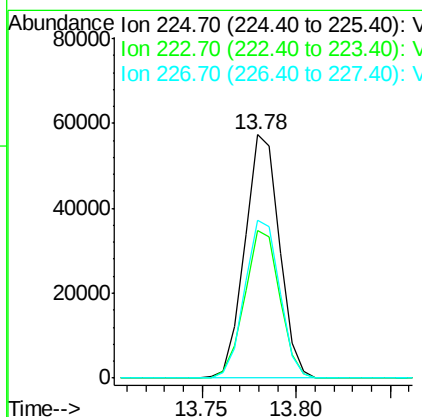
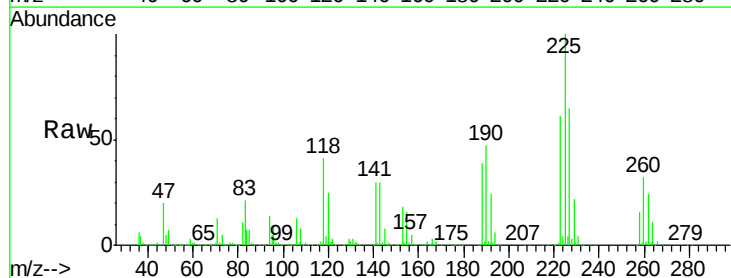
Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:26 AM



#94
 Hexachlorobutadiene
 Concen: 19.199 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73007		
223	61.4	32.1	96.3	
227	65.8	32.3	96.8	





#95

Naphthalene

Concen: 18.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

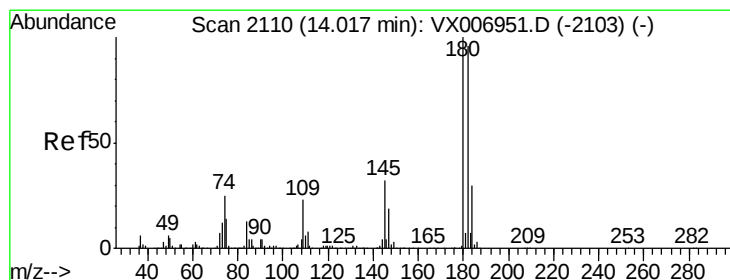
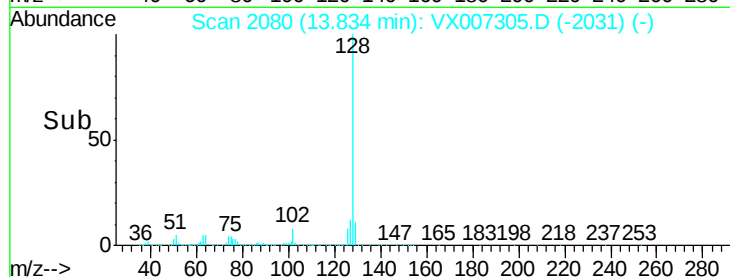
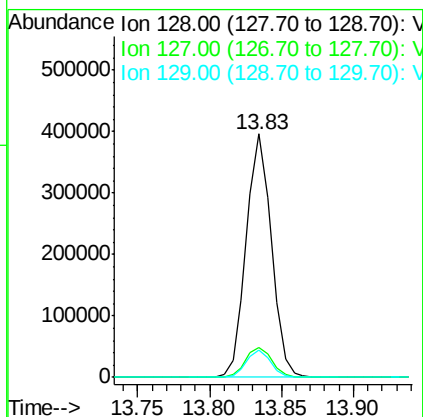
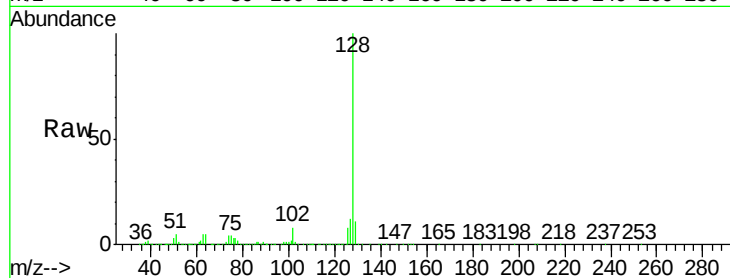
ClientSampled :

VX0130WBSD01

Tot Ion:	128	Resp:	478619
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.170 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion:	180	Resp:	154672
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.5	145.5
145	30.3	16.0	47.9

