

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007755.D
 Acq On : 28 Feb 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:02 AM

Quant Time: Mar 01 01:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	317673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	183798	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	152313	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	8.71	98	581390	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	211251	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144071	49.232	ug/l	100
3) Chloromethane	1.33	50	149194	46.007	ug/l	99
4) Vinyl Chloride	1.41	62	158340	47.592	ug/l	99
5) Bromomethane	1.64	94	90705	43.067	ug/l	96
6) Chloroethane	1.72	64	102205	48.083	ug/l	99
7) Trichlorofluoromethane	1.93	101	232871	45.658	ug/l	99
8) Diethyl Ether	2.19	74	92699	44.286	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142623	46.265	ug/l	98
10) Methyl Iodide	2.51	142	198768	51.782	ug/l	100
11) Tert butyl alcohol	3.07	59	176448	236.335	ug/l	98
12) 1,1-Dichloroethene	2.37	96	126390	45.484	ug/l	91
13) Acrolein	2.29	56	141689	213.568	ug/l	98
14) Allyl chloride	2.73	41	263164	51.219	ug/l	95
15) Acrylonitrile	3.15	53	431803	245.765	ug/l	99
16) Acetone	2.45	43	506458	289.424	ug/l	98
17) Carbon Disulfide	2.57	76	350794	45.377	ug/l	99
18) Methyl Acetate	2.78	43	198488	51.982	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	457307	47.259	ug/l	100
20) Methylene Chloride	2.86	84	143175	44.310	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	136720	45.258	ug/l	93
22) Diisopropyl ether	3.87	45	501829	46.918	ug/l	96
23) Vinyl Acetate	3.82	43	2225229	237.130	ug/l	97
24) 1,1-Dichloroethane	3.70	63	264732	45.542	ug/l	98
25) 2-Butanone	4.70	43	726815	272.673	ug/l	94
26) 2,2-Dichloropropane	4.59	77	223416	48.149	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170841	44.446	ug/l	91
28) Bromochloromethane	5.01	49	133439	47.153	ug/l	85
29) Tetrahydrofuran	5.15	42	436553	248.459	ug/l	94
30) Chloroform	5.21	83	283216	45.485	ug/l	98
31) Cyclohexane	5.57	56	268691	49.140	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	245155	47.607	ug/l	97
36) 1,1-Dichloropropene	5.80	75	218167	54.966	ug/l	97
37) Ethyl Acetate	4.85	43	251015	56.932	ug/l	99
38) Carbon Tetrachloride	5.78	117	215975	54.170	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280277	55.872	ug/l	94
40) Benzene	6.14	78	648068	52.893	ug/l	100
41) Methacrylonitrile	5.06	41	142554	60.549	ug/l	94
42) 1,2-Dichloroethane	6.20	62	228918	55.588	ug/l	99
43) Isopropyl Acetate	6.46	43	391893	57.752	ug/l	98
44) Trichloroethene	7.21	130	180564	53.572	ug/l	97
45) 1,2-Dichloropropane	7.51	63	171888	54.157	ug/l	98
46) Dibromomethane	7.66	93	109877	49.624	ug/l	99
47) Bromodichloromethane	7.90	83	211325	55.074	ug/l	99
48) Methyl methacrylate	7.77	41	210298	59.123	ug/l	91
49) 1,4-Dioxane	7.75	88	79958	1040.786	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1287976	283.556	ug/l	99
52) Toluene	8.78	92	412993	53.454	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	237771	49.852	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	260196	55.878	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	167071	51.855	ug/l	98
56) Ethyl methacrylate	9.18	69	255791	55.829	ug/l	95
57) 1,3-Dichloropropane	9.37	76	277841	53.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	706046	279.447	ug/l	97
59) 2-Hexanone	9.49	43	1021835	286.544	ug/l	99
60) Dibromochloromethane	9.58	129	175041	56.462	ug/l	98
61) 1,2-Dibromoethane	9.67	107	176254	52.690	ug/l	99
64) Tetrachloroethene	9.34	164	191843	57.987	ug/l	97
65) Chlorobenzene	10.13	112	457776	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	167967	54.631	ug/l	99
67) Ethyl Benzene	10.25	91	784177	53.707	ug/l	100
68) m/p-Xylenes	10.36	106	608996	107.213	ug/l	97
69) o-Xylene	10.69	106	292675	53.567	ug/l	96
70) Styrene	10.71	104	486839	54.209	ug/l	99
71) Bromoform	10.85	173	137311	59.557	ug/l	100
73) Isopropylbenzene	11.02	105	798829	51.746	ug/l	100
74) N-amyl acetate	10.90	43	344625	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241738	45.274	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	209648m	45.535	ug/l	
77) Bromobenzene	11.26	156	207578	53.609	ug/l	94
78) n-propylbenzene	11.36	91	919708	52.721	ug/l	98
79) 2-Chlorotoluene	11.42	91	526572	50.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	666942	52.522	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	76297	44.744	ug/l	98
82) 4-Chlorotoluene	11.51	91	618588	50.342	ug/l	98
83) tert-Butylbenzene	11.77	119	644471	52.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	673100	51.820	ug/l	98
85) sec-Butylbenzene	11.94	105	803073	52.564	ug/l	99
86) p-Isopropyltoluene	12.06	119	726071	54.265	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	375680	52.306	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380520	51.731	ug/l	99
89) n-Butylbenzene	12.38	91	627871	52.618	ug/l	99
90) Hexachloroethane	12.60	117	116819	51.817	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	371081	51.637	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53980	46.399	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	271001	61.778	ug/l	100
94) Hexachlorobutadiene	13.78	225	144129	71.822	ug/l	100
95) Naphthalene	13.83	128	775699	54.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267347	60.697	ug/l	100

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

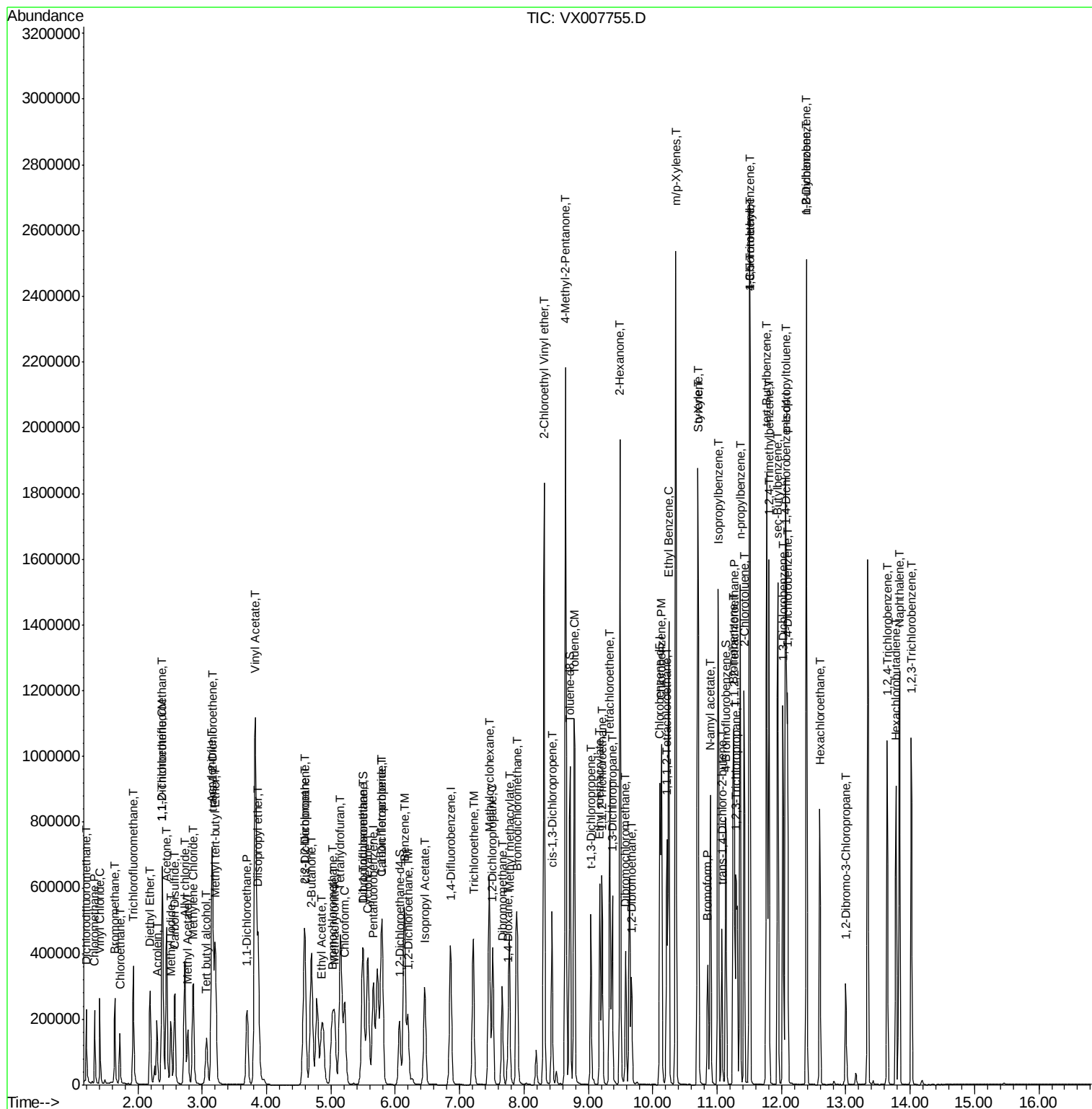
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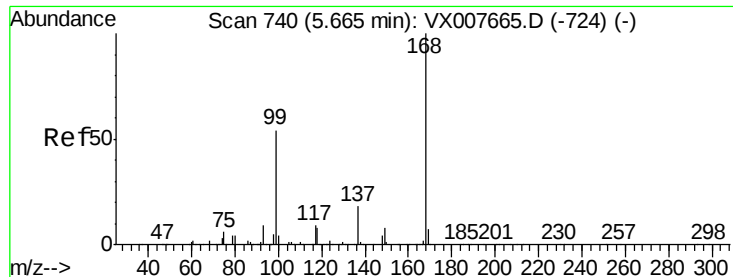
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 317673

Ion Ratio Lower Upper

168 100

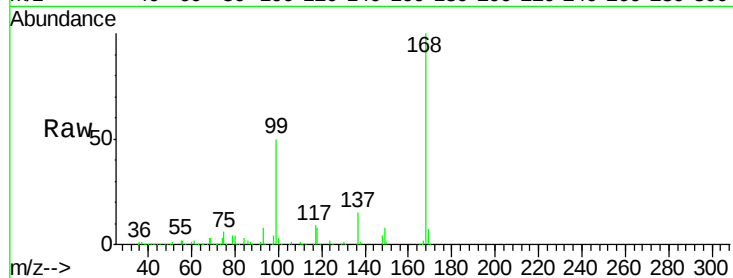
99 49.6 37.9 56.9

Manual Integrations

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3/1/2019 10:04:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

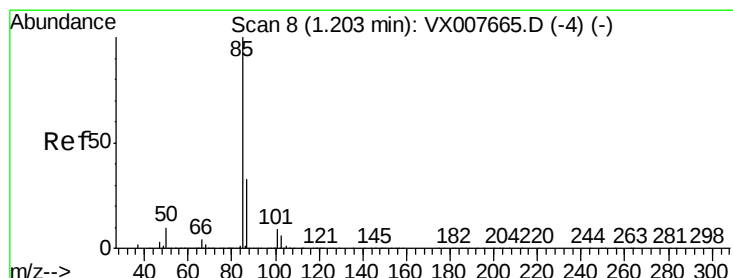
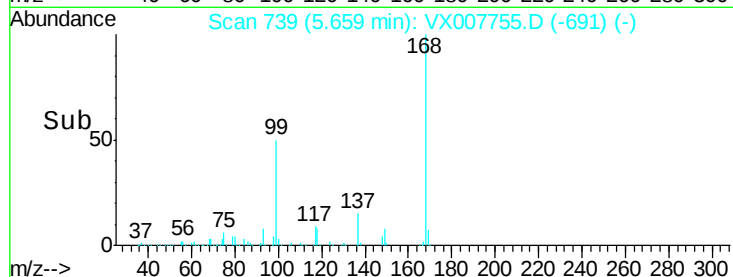
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.232 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007755.D

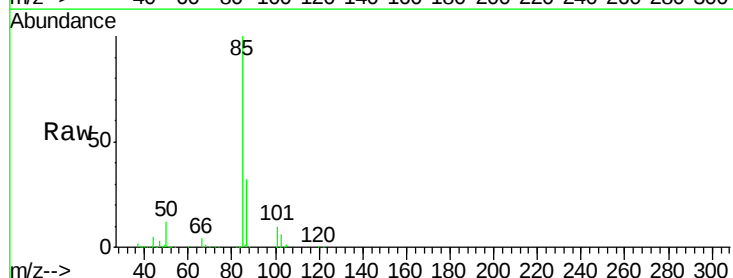
Acq: 28 Feb 2019 09:50

Tgt Ion: 85 Resp: 144071

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

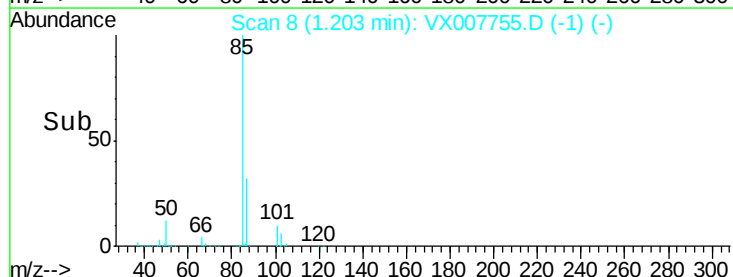
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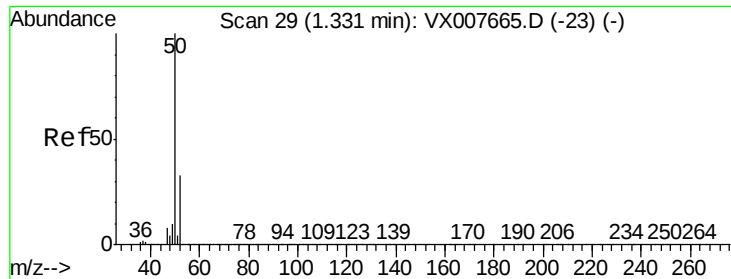
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.007 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 149194

Ion Ratio Lower Upper

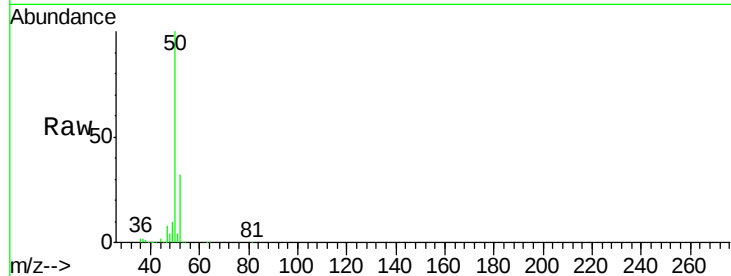
50 100

52 31.8 26.1 39.1

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

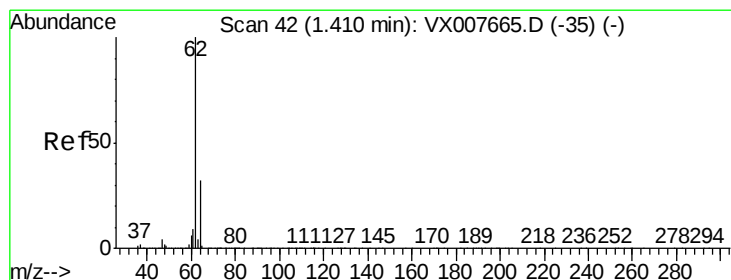
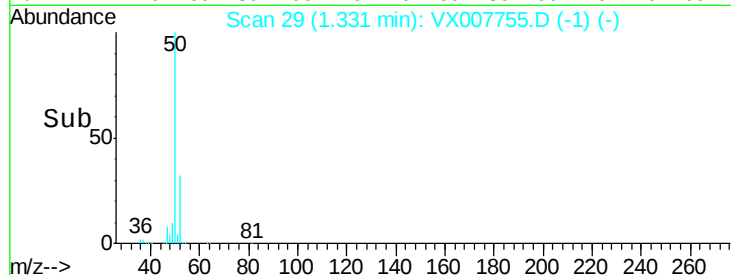
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.592 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007755.D

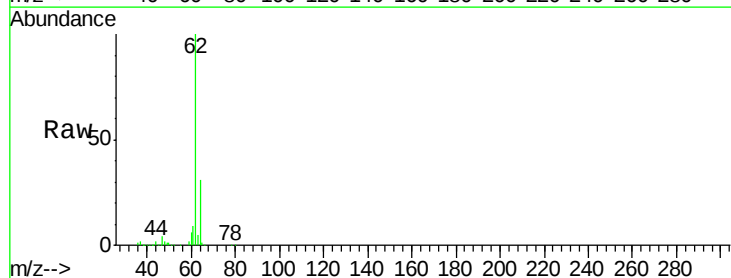
Acq: 28 Feb 2019 09:50

Tgt Ion: 62 Resp: 158340

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

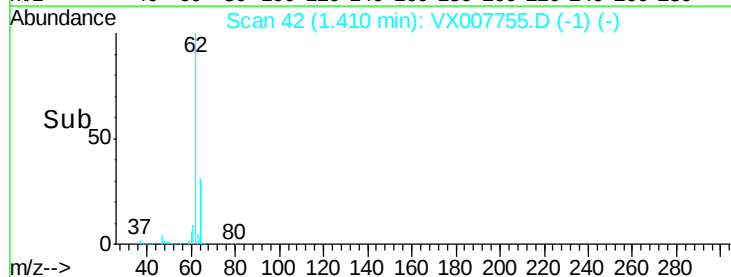
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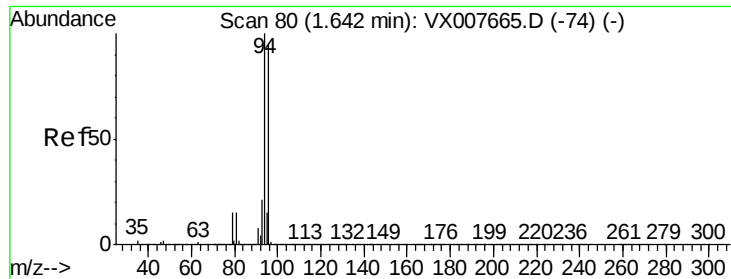
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 43.067 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90705

Ion Ratio Lower Upper

94 100

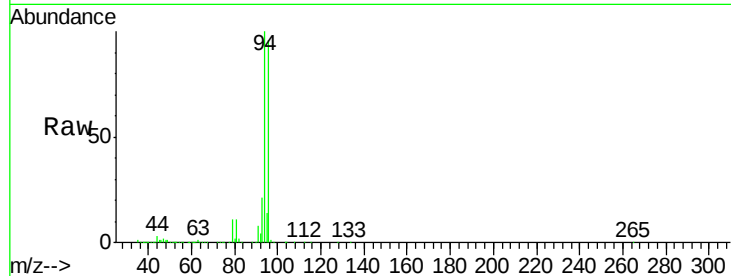
96 96.0 73.9 110.9

Manual Integrations

APPROVED

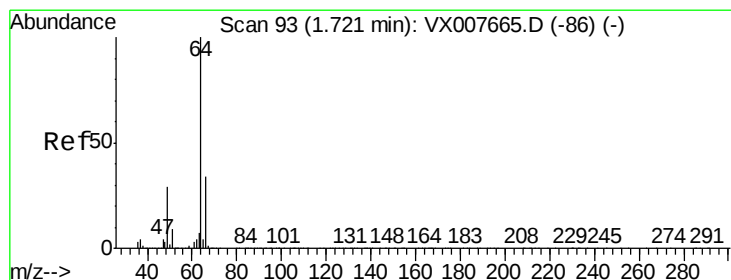
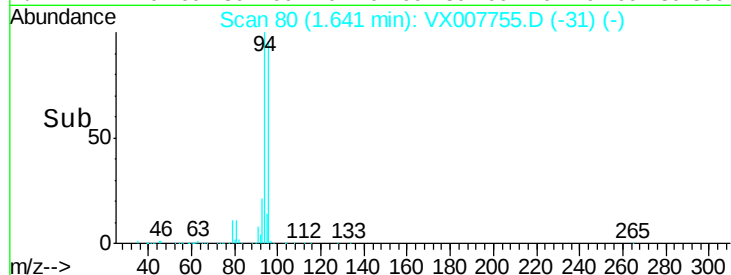
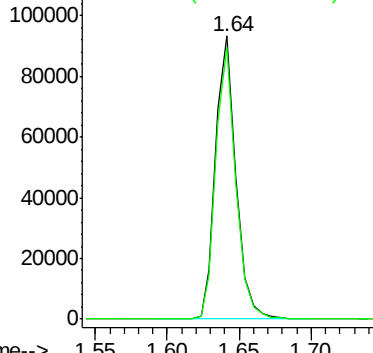
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.083 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007755.D

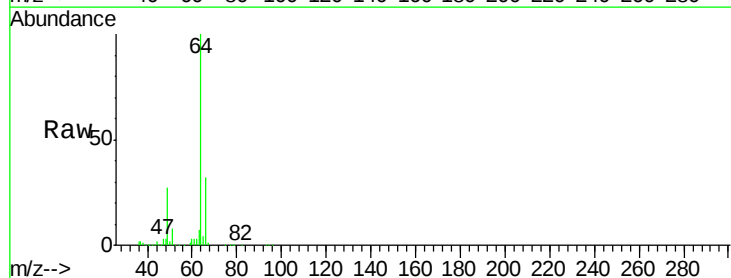
Acq: 28 Feb 2019 09:50

Tgt Ion: 64 Resp: 102205

Ion Ratio Lower Upper

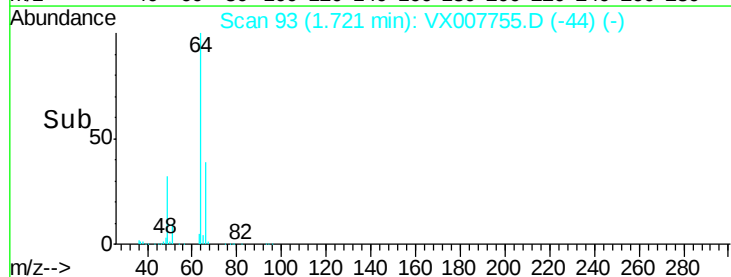
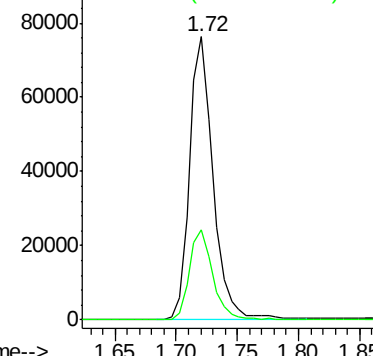
64 100

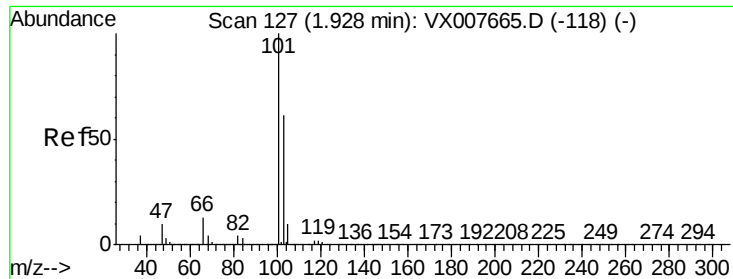
66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

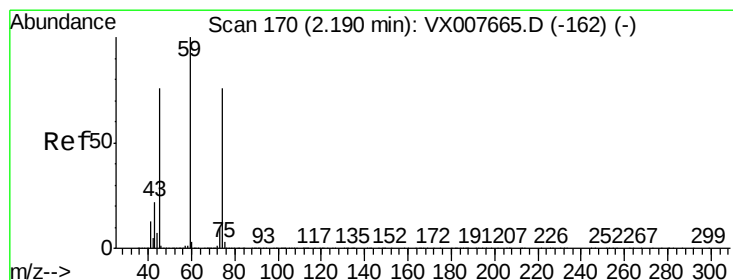
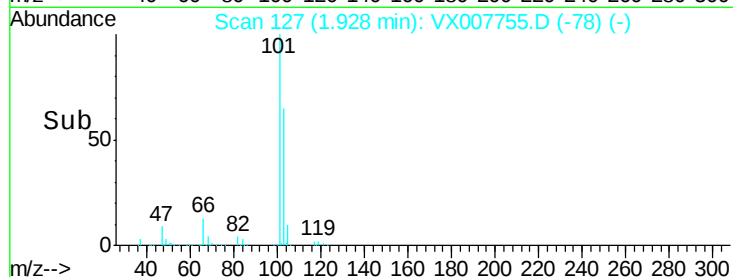
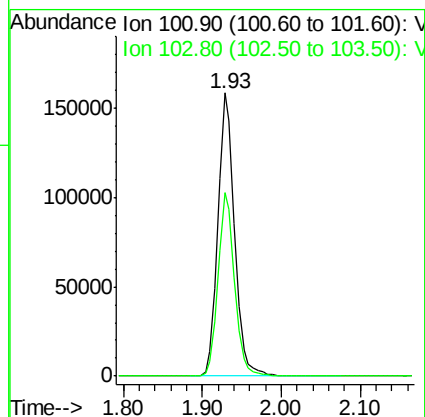
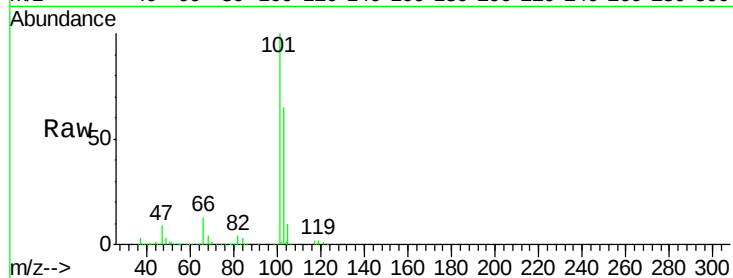
Trichlorofluoromethane
Concen: 45.658 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.6	79.0

Manual Integrations
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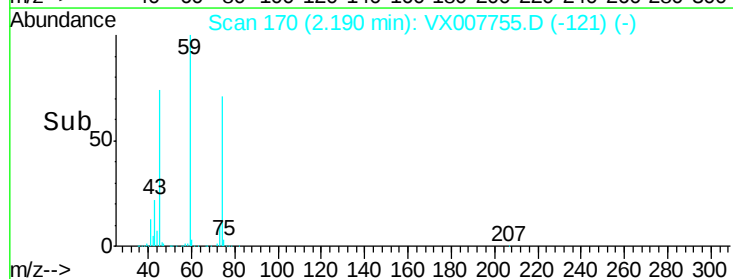
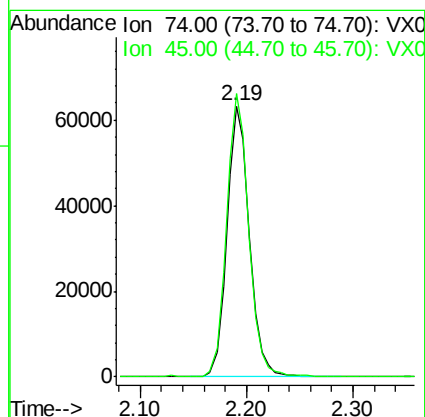
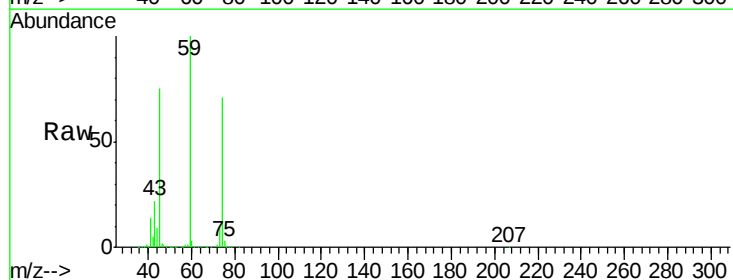
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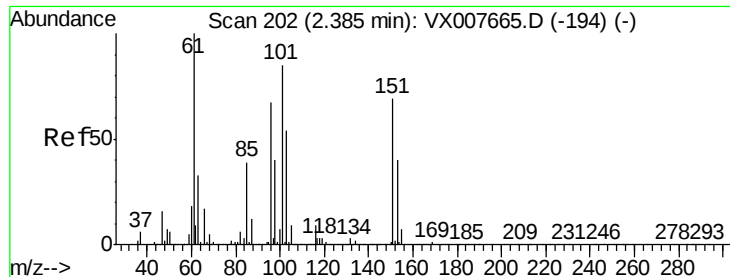


#8

Diethyl Ether
Concen: 44.286 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.265 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

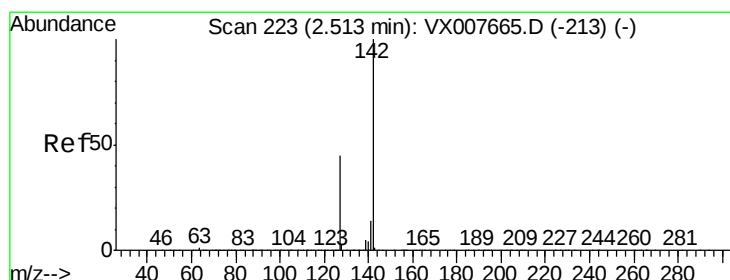
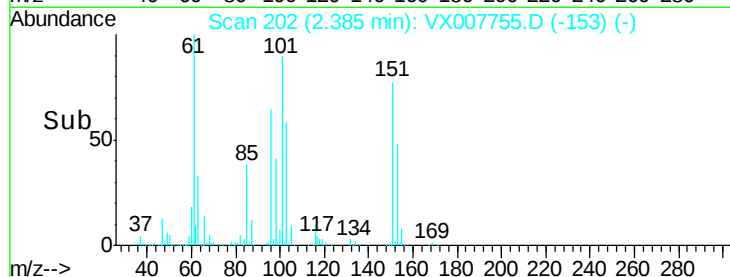
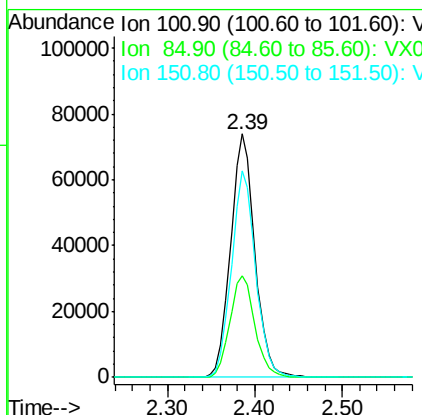
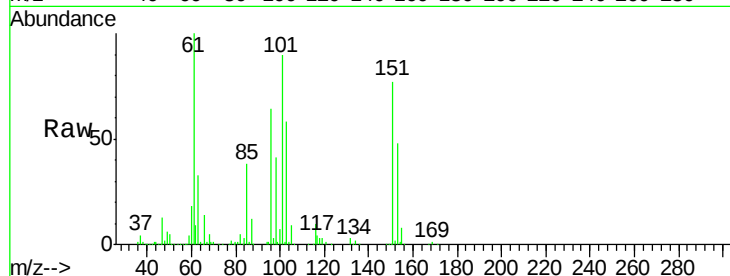
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142623
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.1	51.1
151	84.9	69.9	104.9

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#10

Methyl Iodide

Concen: 51.782 ug/l

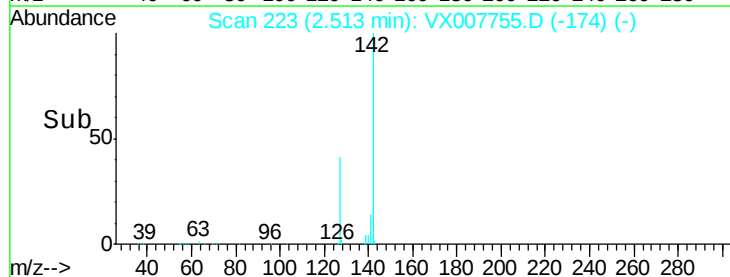
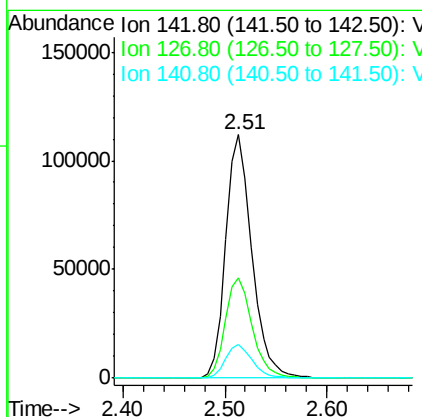
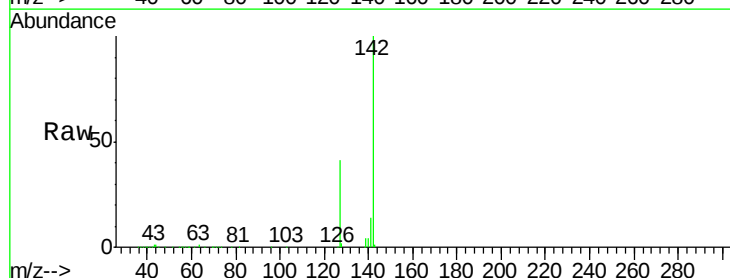
RT: 2.51 min Scan# 223

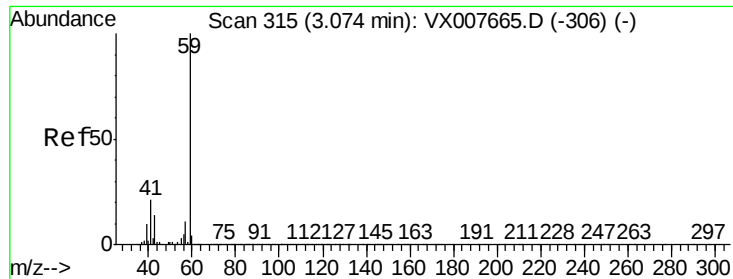
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	142	Resp:	198768
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.7	50.5
141	14.2	11.3	16.9





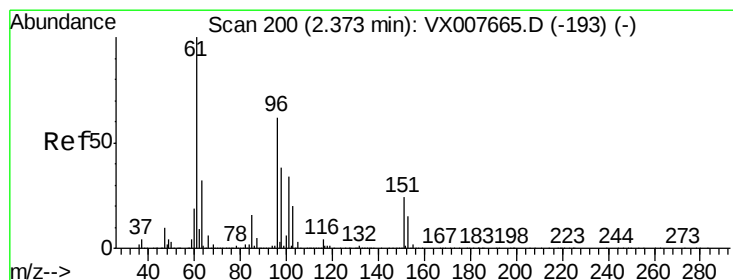
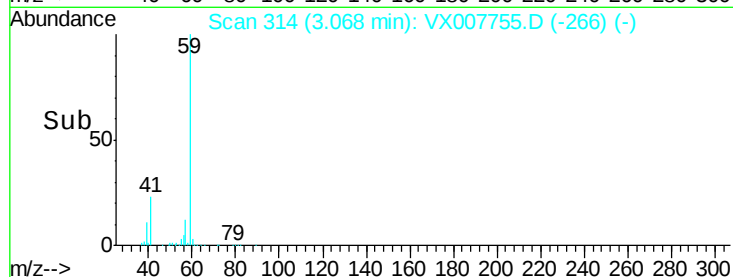
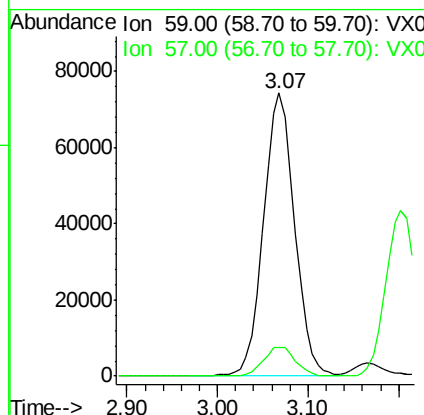
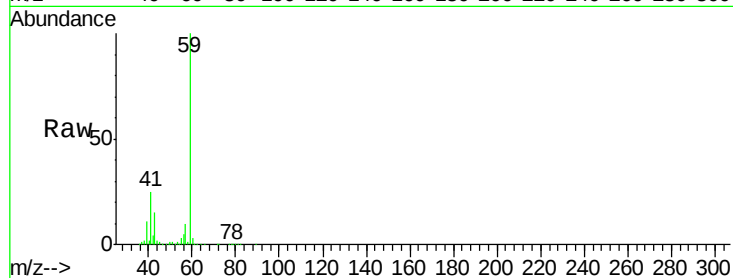
#11
Tert butyl alcohol
Concen: 236.335 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

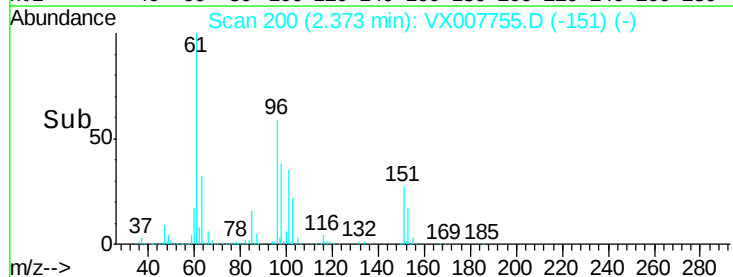
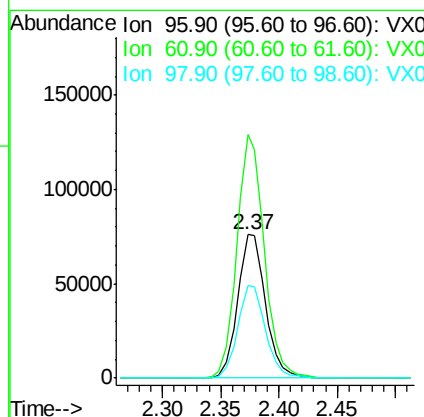
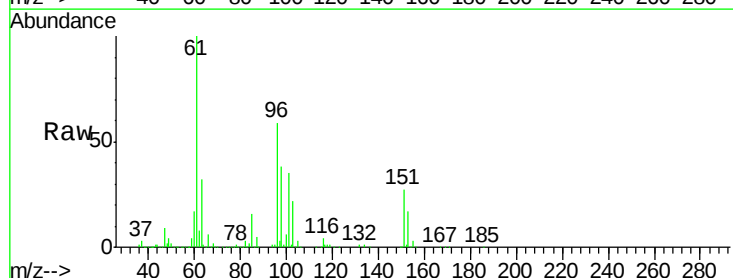
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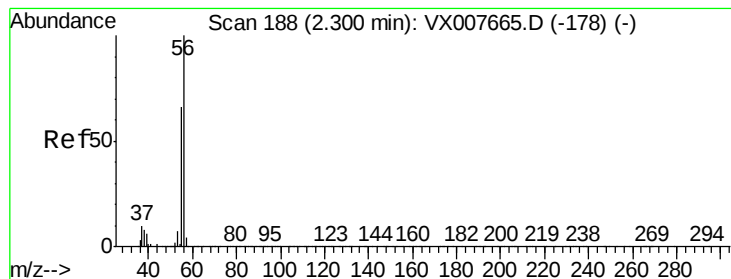
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.484 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	123.0	184.4
98	64.2	50.9	76.3





#13

Acrolein

Concen: 213.568 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 141689

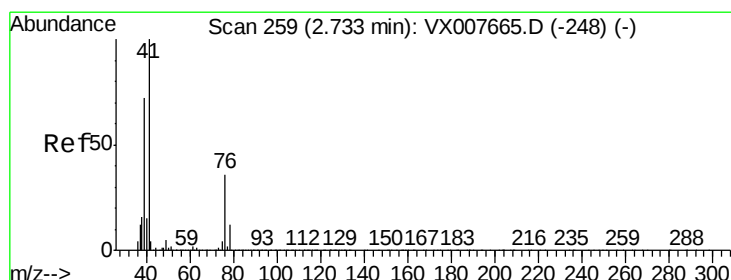
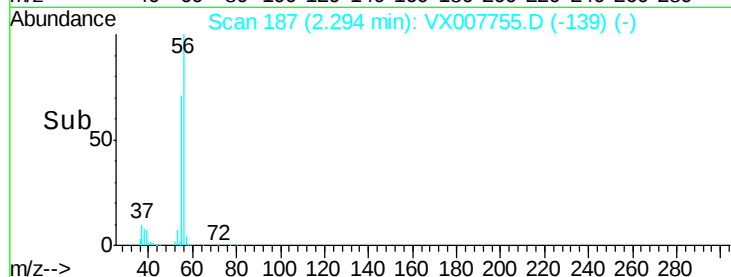
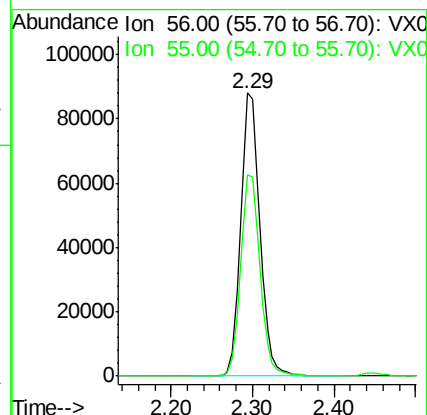
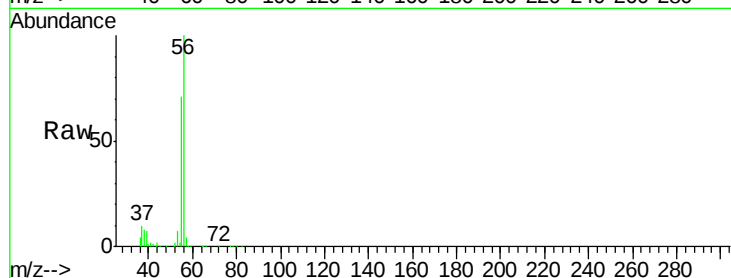
Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3

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#14

Allyl chloride

Concen: 51.219 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

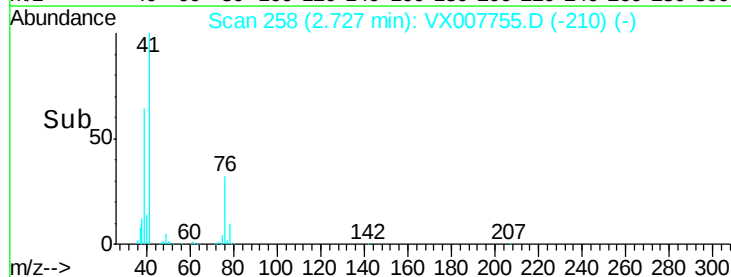
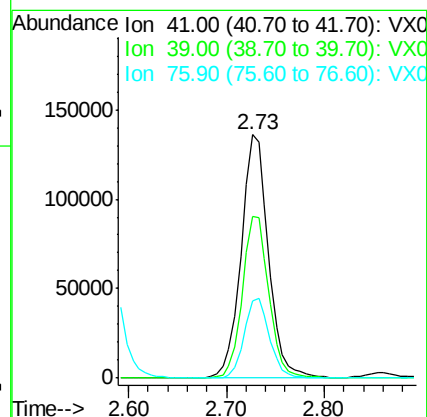
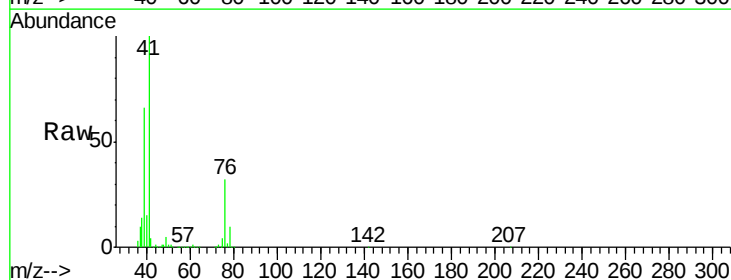
Tgt Ion: 41 Resp: 263164

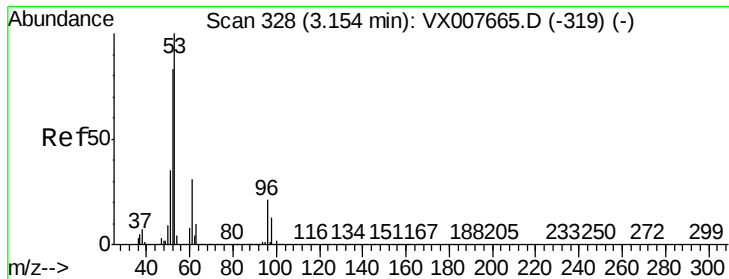
Ion Ratio Lower Upper

41 100

39 64.4 54.1 81.1

76 30.3 27.8 41.8





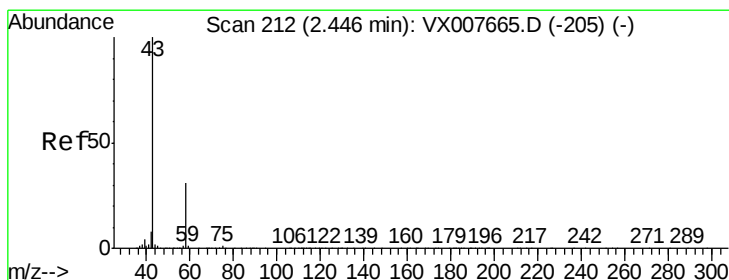
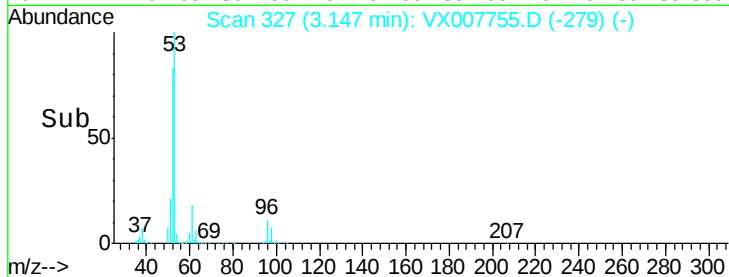
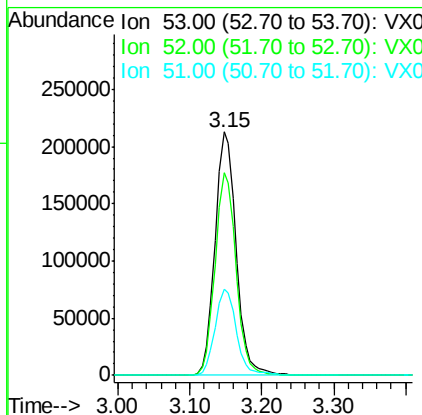
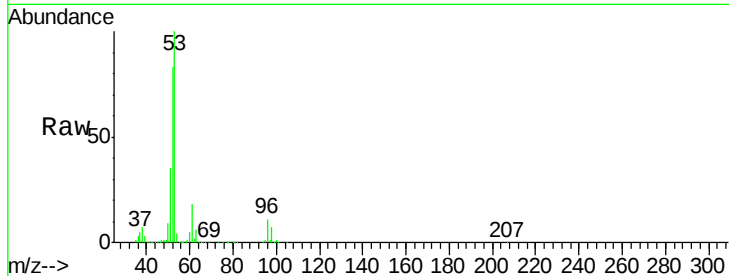
#15
 Acrylonitrile
 Concen: 245.765 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	53	Resp:	431803
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.4	99.6
51	36.3	28.4	42.6

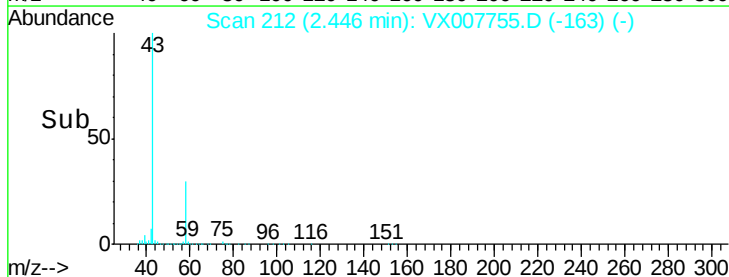
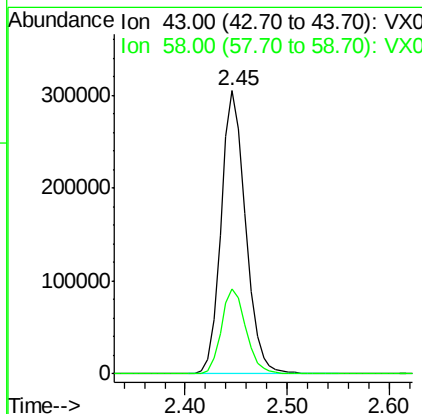
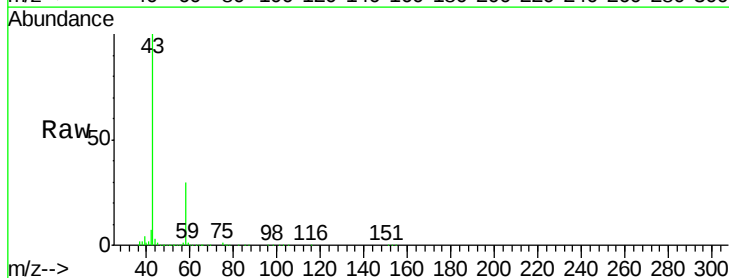
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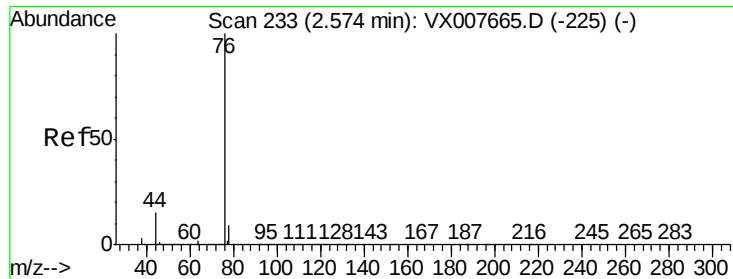
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#16
 Acetone
 Concen: 289.424 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion:	43	Resp:	506458
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.9	37.3





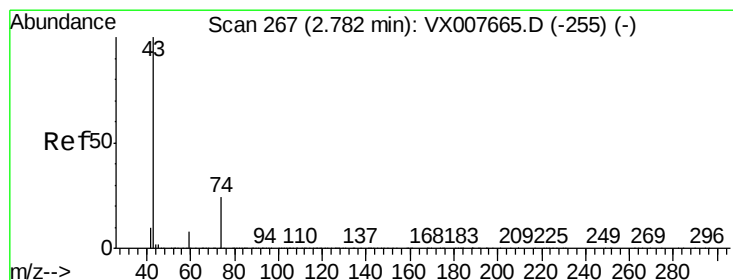
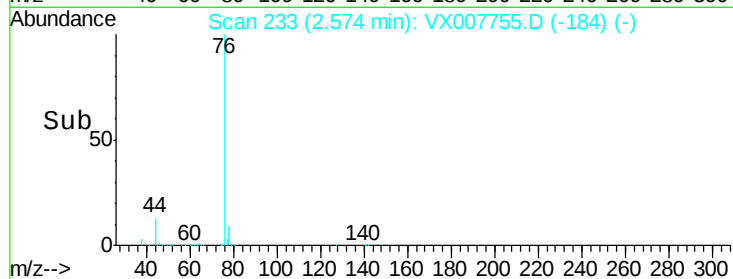
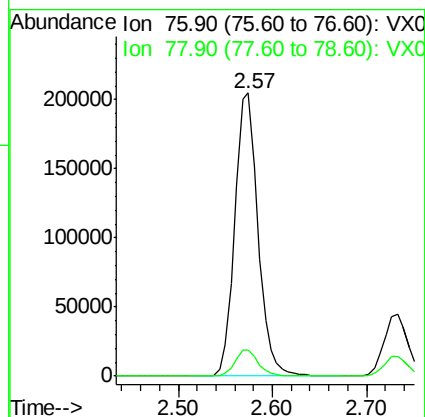
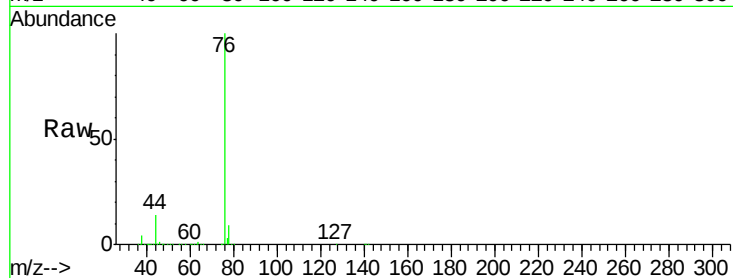
#17
Carbon Disulfide
Concen: 45.377 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

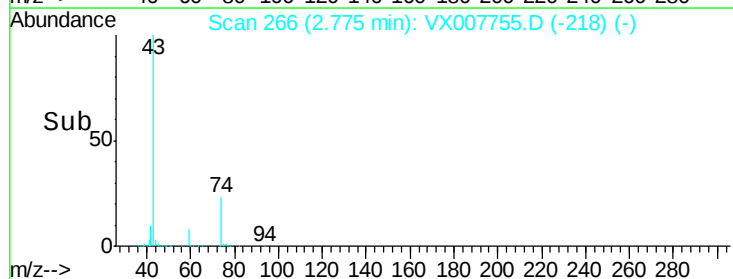
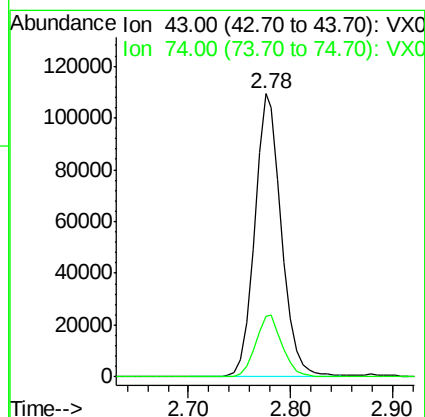
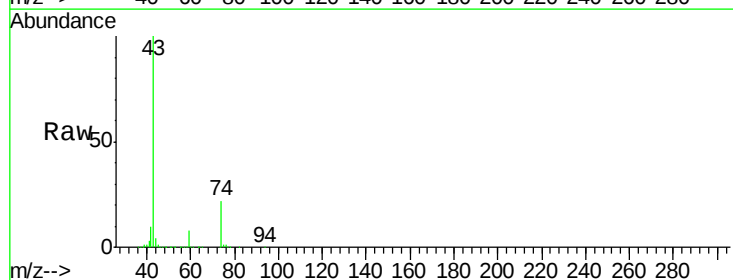
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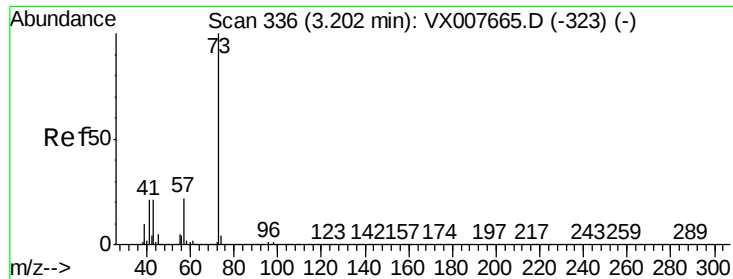
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#18
Methyl Acetate
Concen: 51.982 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.4	29.2





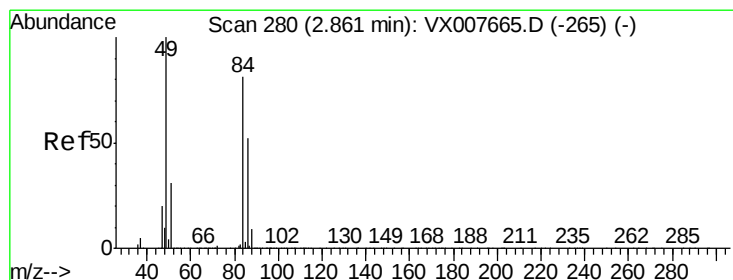
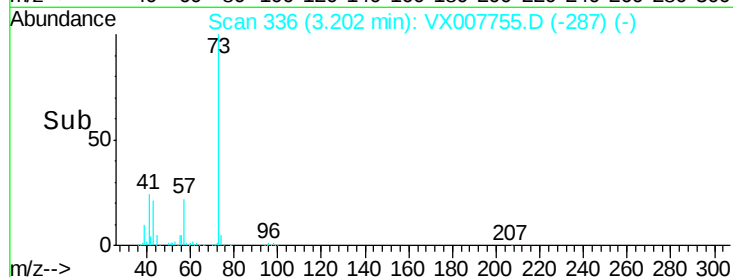
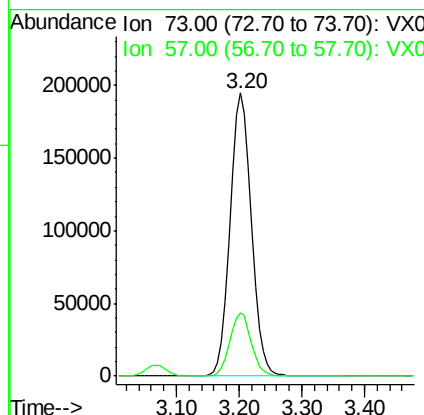
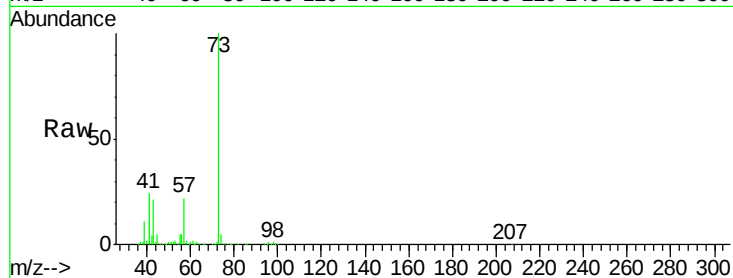
#19
Methvl tert-butvl Ether
Concen: 47.259 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8

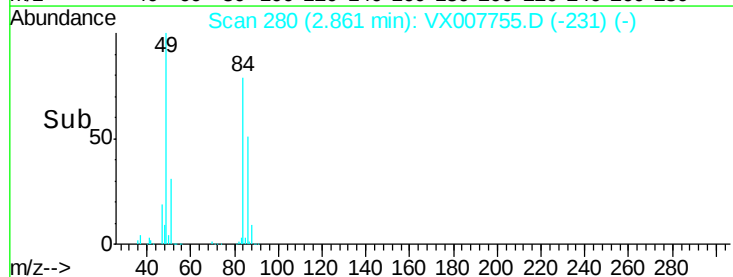
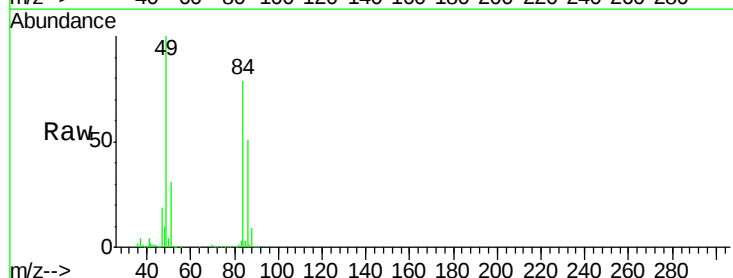
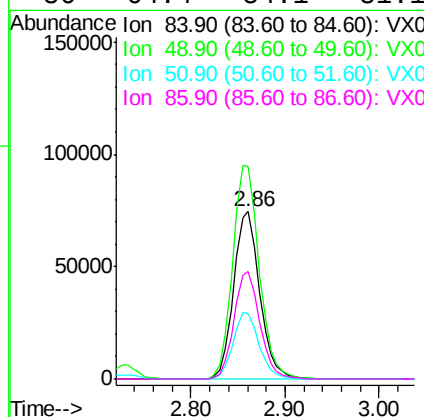
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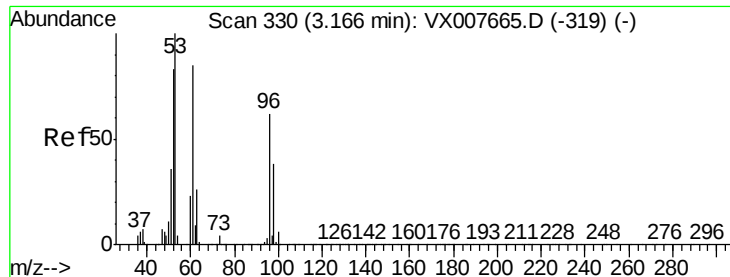
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#20
Methylene Chloride
Concen: 44.310 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	94.8	142.2
51	39.2	29.8	44.8
86	64.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.258 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

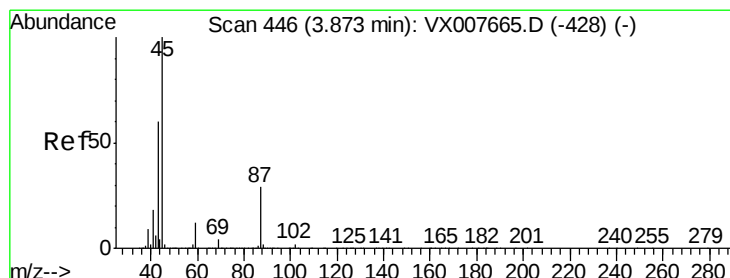
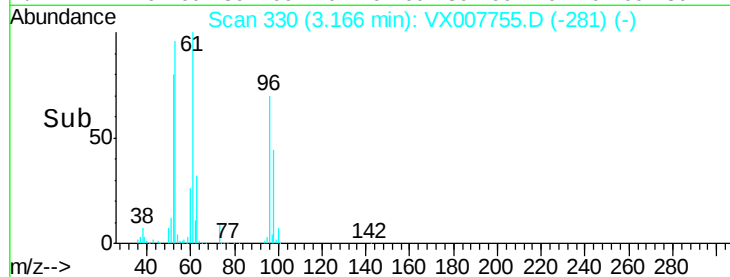
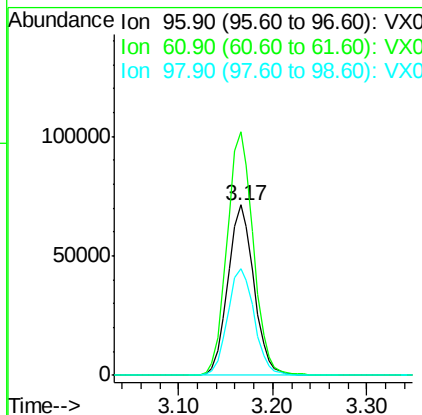
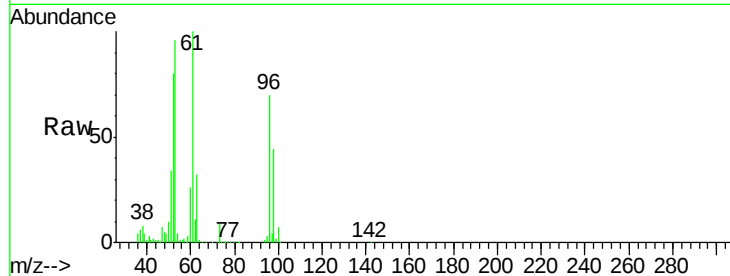
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	136720
Ion	Ratio	Lower	Upper
96	100		
61	142.8	104.6	156.8
98	62.6	51.0	76.4

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#22

Diisopropyl ether

Concen: 46.918 ug/l

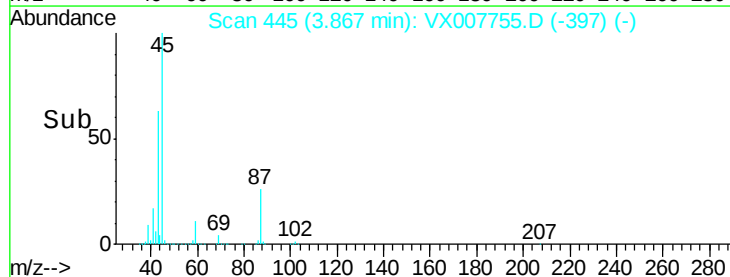
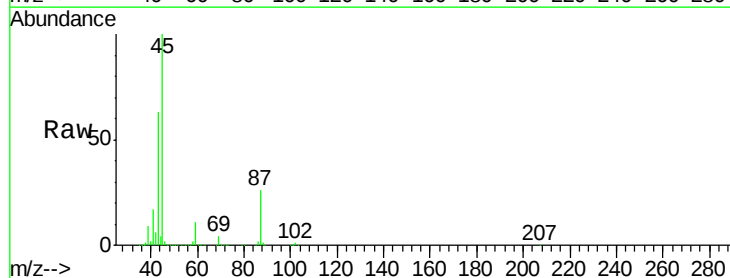
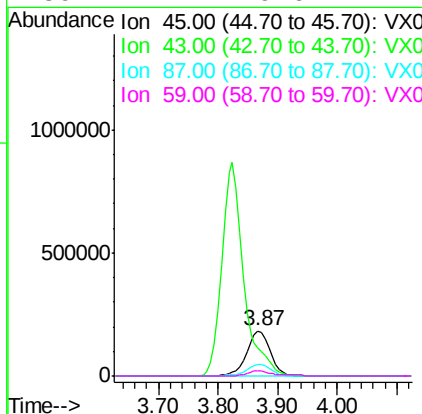
RT: 3.87 min Scan# 445

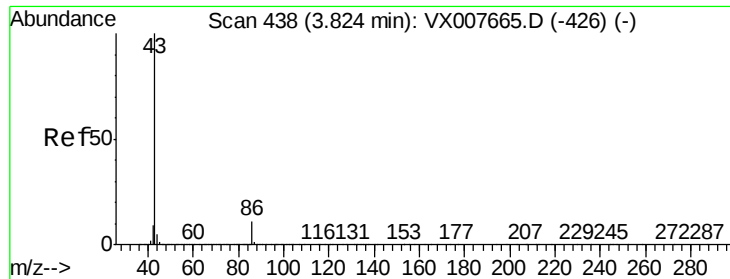
Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	45	Resp:	501829
Ion	Ratio	Lower	Upper
45	100		
43	63.2	48.9	73.3
87	26.4	23.9	35.9
59	11.4	9.6	14.4





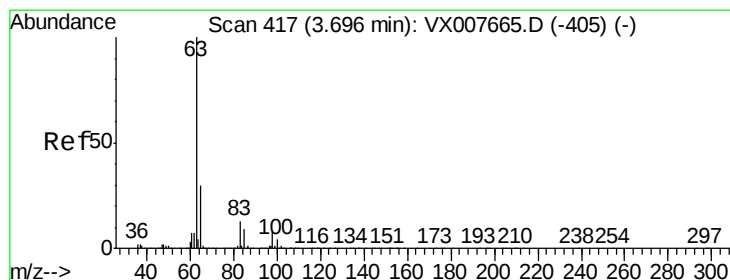
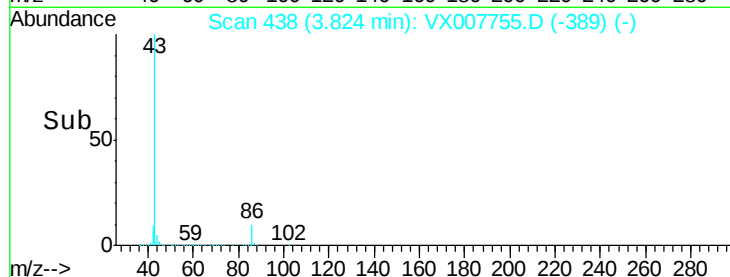
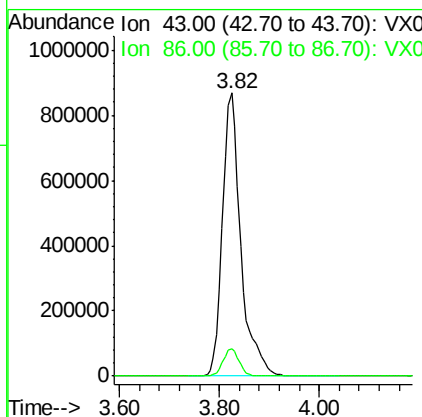
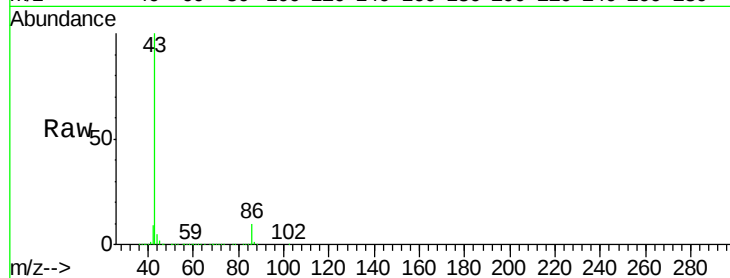
#23
 Vinyl Acetate
 Concen: 237.130 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2225229
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.7 13.1

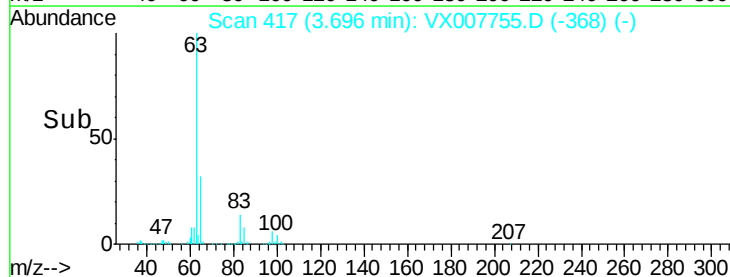
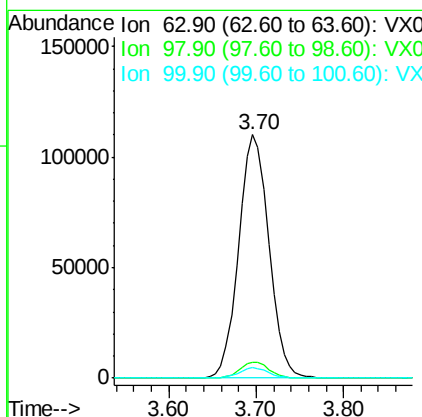
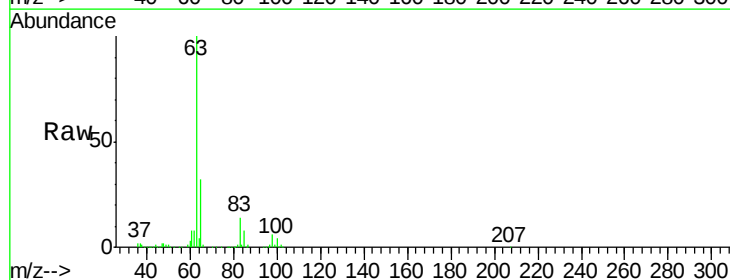
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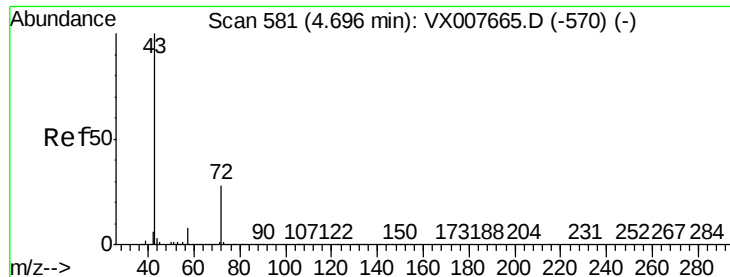
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#24
 1,1-Dichloroethane
 Concen: 45.542 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion: 63 Resp: 264732
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 4.3 2.5 7.4





#25

2-Butanone

Concen: 272.673 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 726815

Ion Ratio Lower Upper

43 100

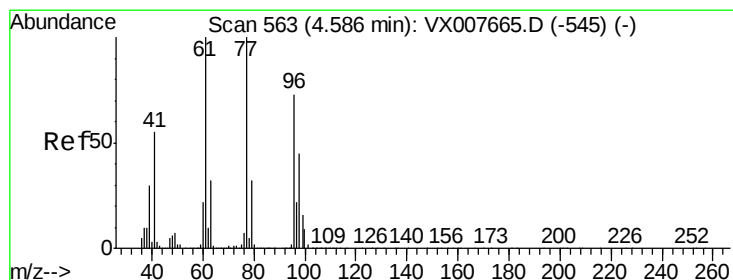
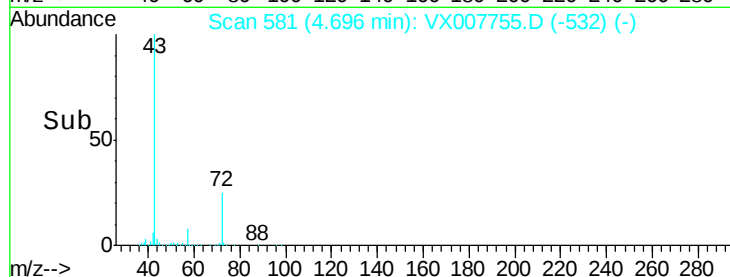
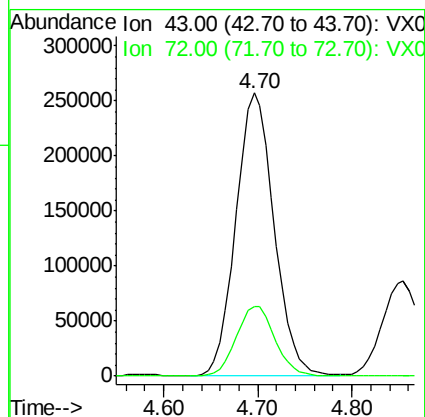
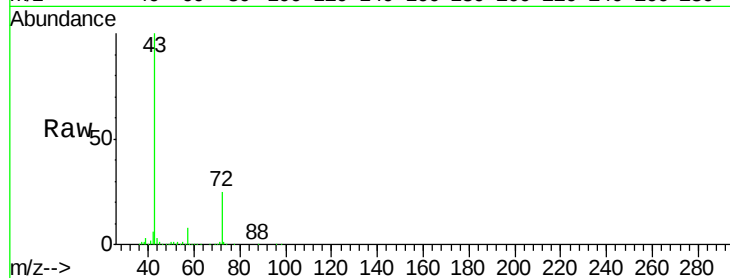
72 24.5 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.149 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007755.D

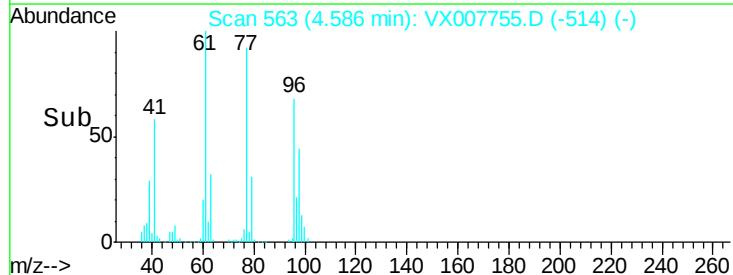
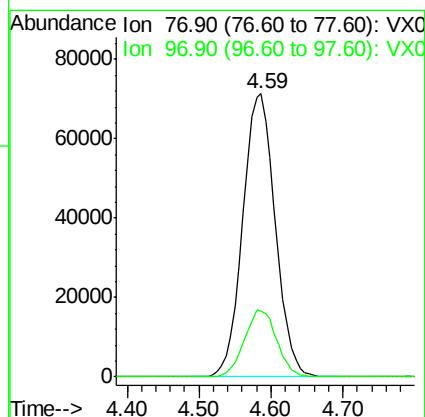
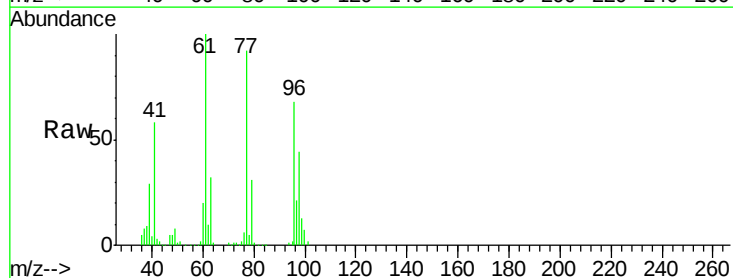
Acq: 28 Feb 2019 09:50

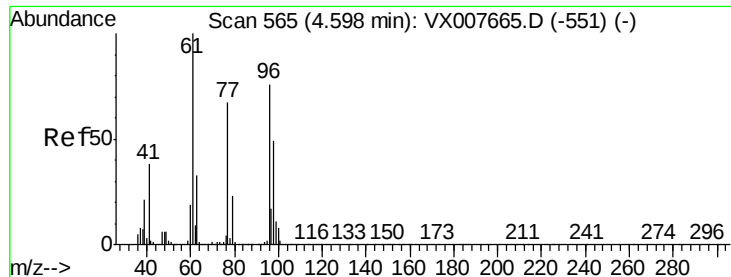
Tgt Ion: 77 Resp: 223416

Ion Ratio Lower Upper

77 100

97 23.6 12.1 36.3





#27

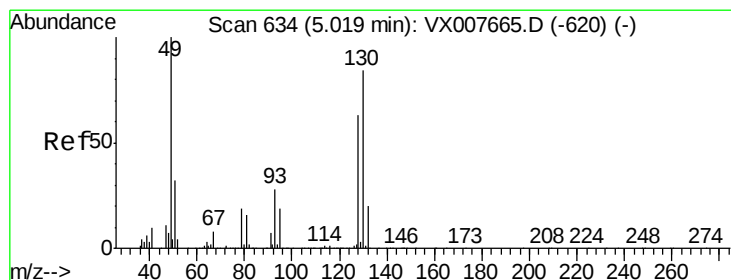
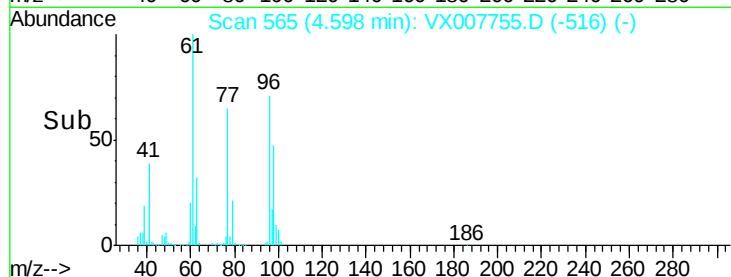
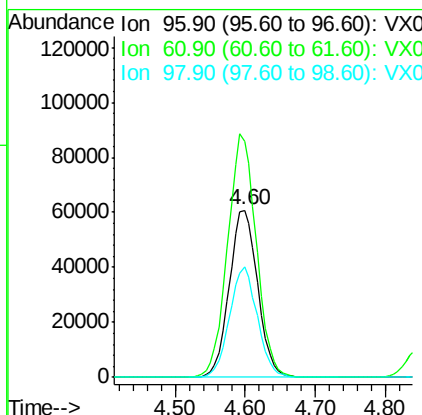
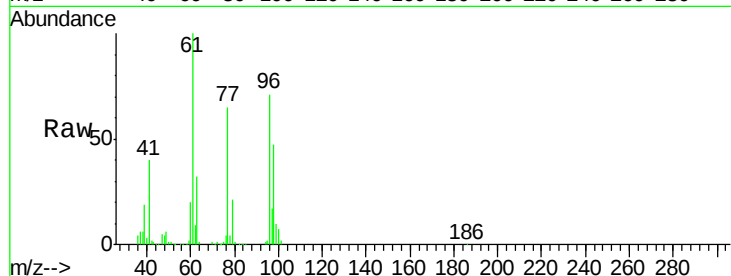
cis-1,2-Dichloroethene
Concen: 44.446 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170841		
61	147.8	0.0	265.6	
98	64.8	0.0	131.6	

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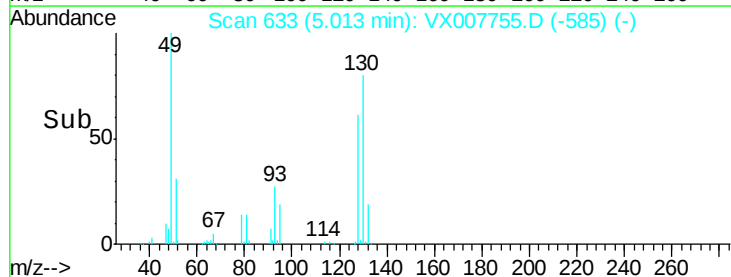
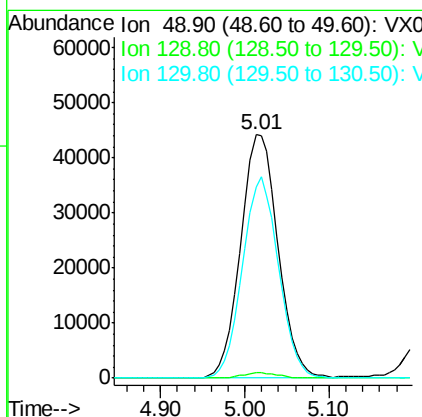
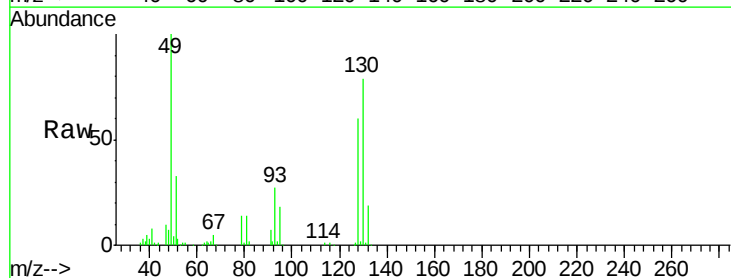
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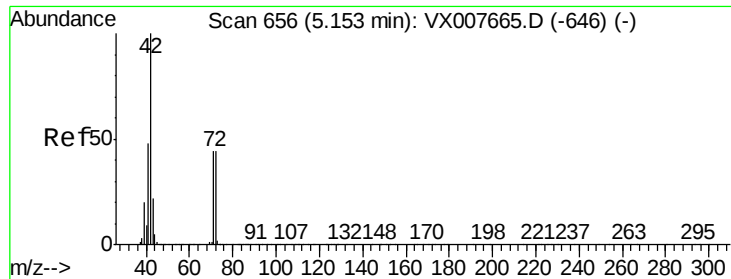


#28

Bromochloromethane
Concen: 47.153 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133439		
129	2.2	0.0	5.6	
130	79.8	75.6	113.4	





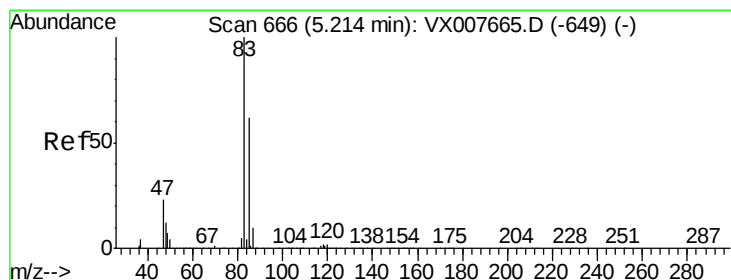
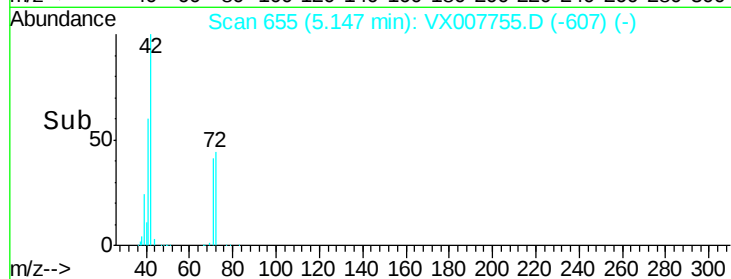
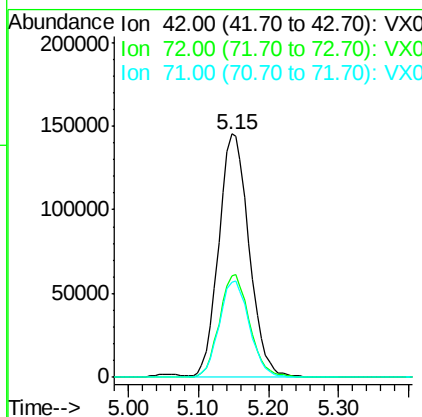
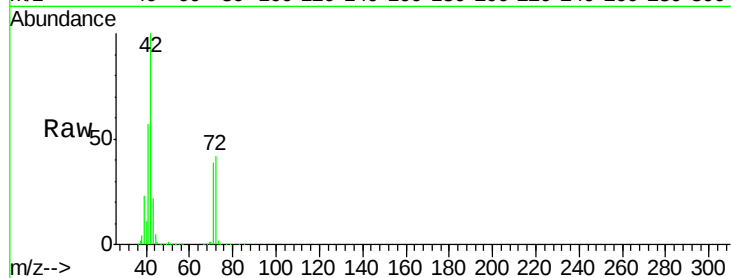
#29
Tetrahydrofuran
Concen: 248.459 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	37.6	56.4
71	39.6	34.6	51.8

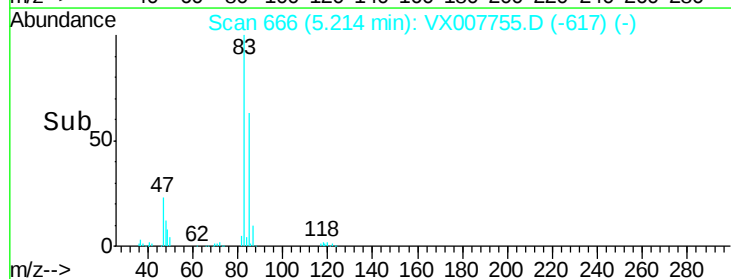
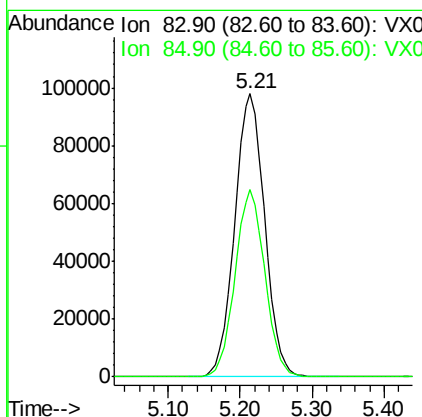
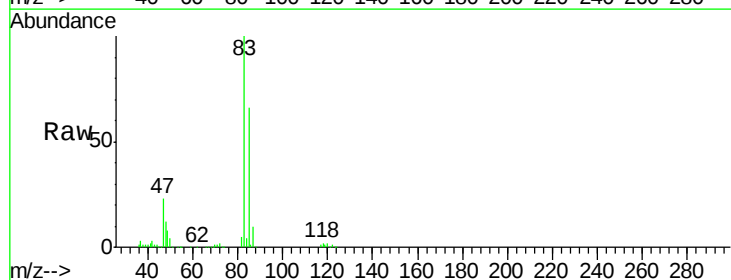
Manual Integrations
APPROVED

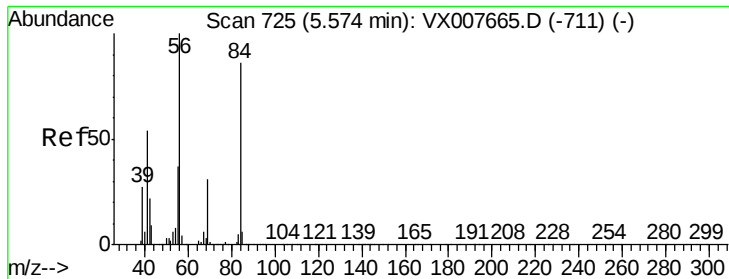
MMDadoda
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#30
Chloroform
Concen: 45.485 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4





#31

Cyclohexane

Concen: 49.140 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

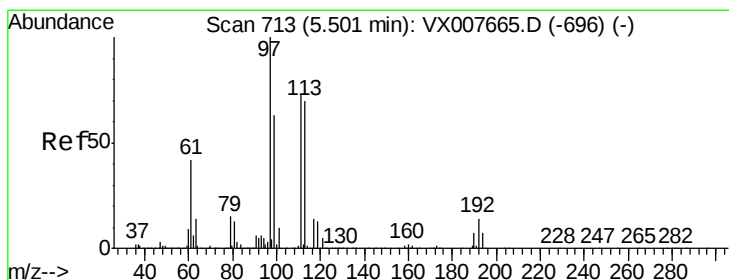
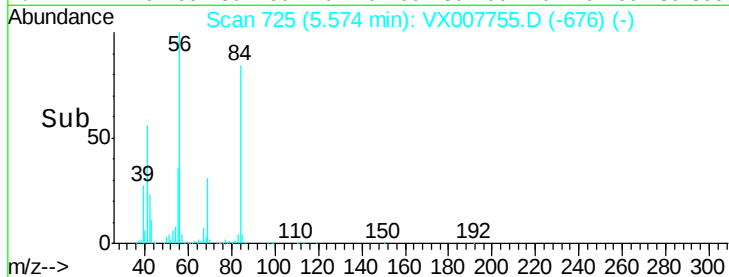
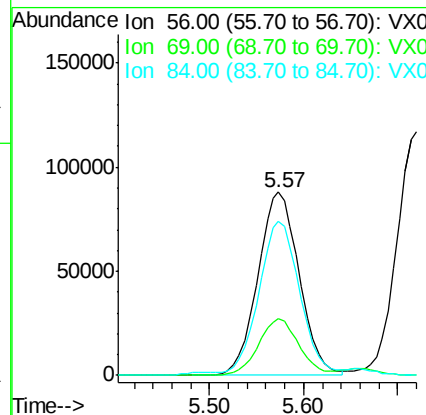
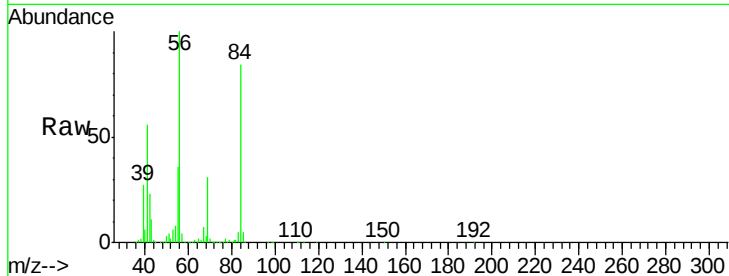
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	268691
Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.0	34.6
84	83.0	69.8	104.6

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#32

1,1,1-Trichloroethane

Concen: 47.607 ug/l

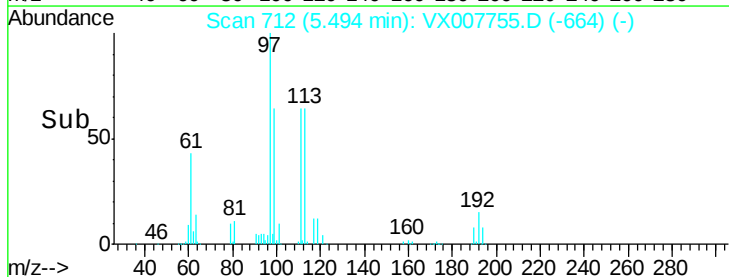
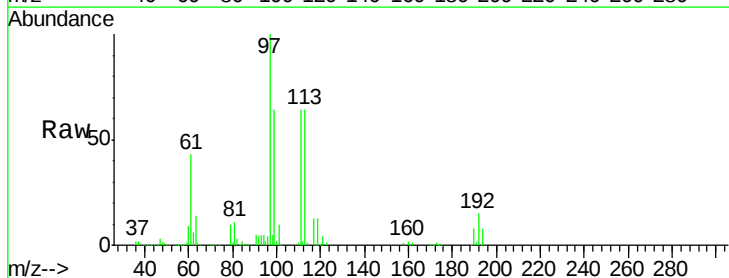
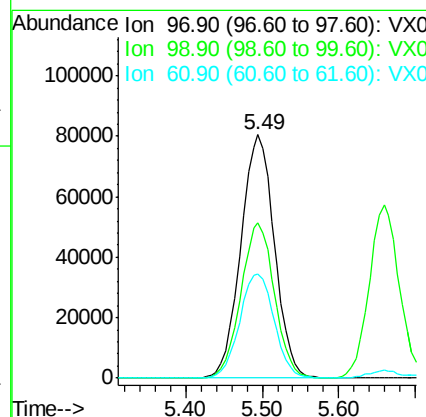
RT: 5.49 min Scan# 712

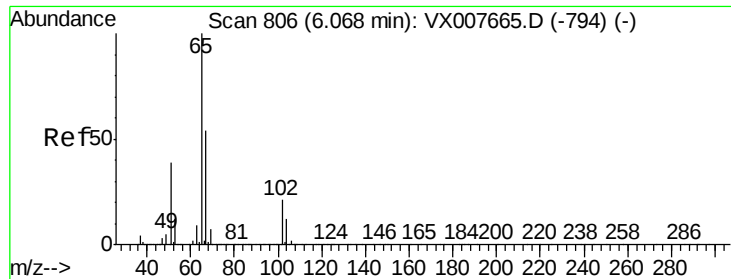
Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	97	Resp:	245155
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.2	78.2
61	44.1	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 46.709 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 183798

Ion Ratio Lower Upper

65 100

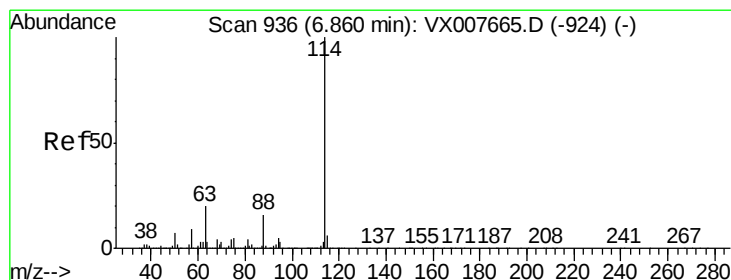
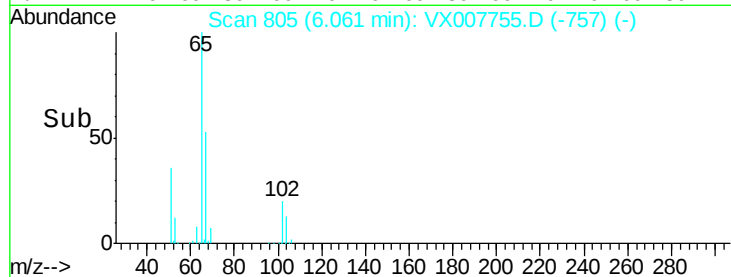
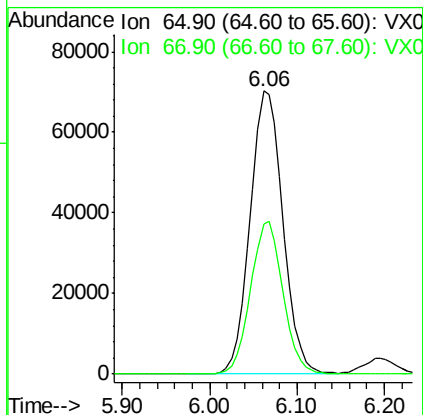
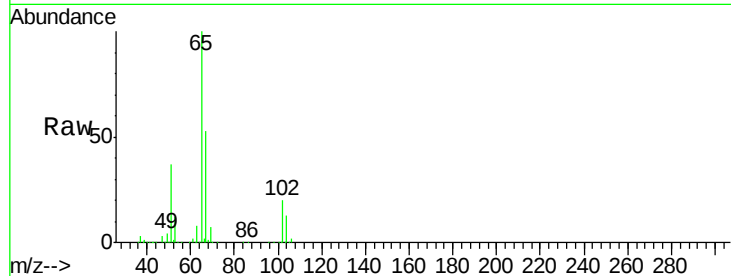
67 53.0 0.0 108.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

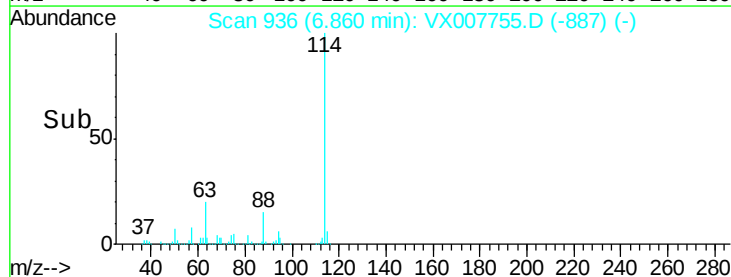
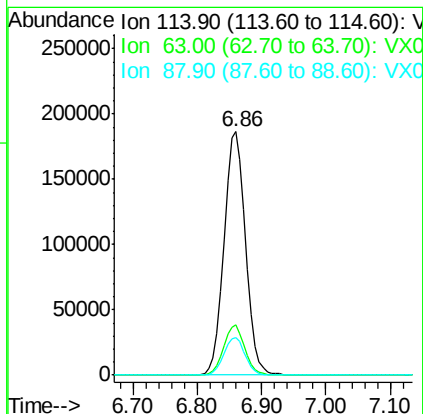
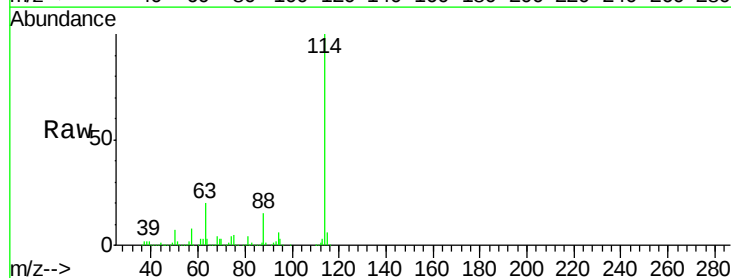
Tgt Ion: 114 Resp: 441485

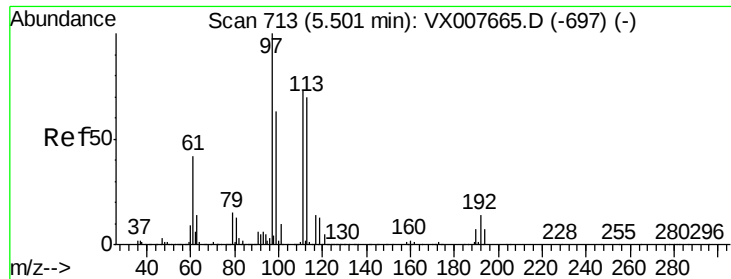
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.6

88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.611 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007755.D

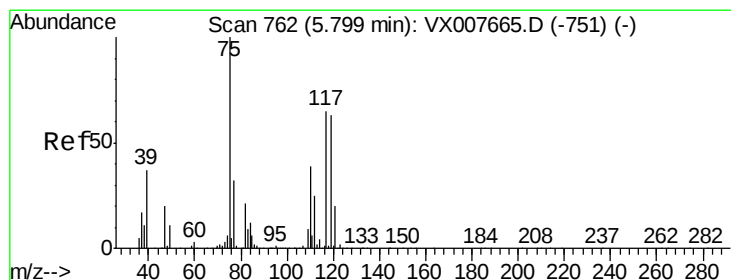
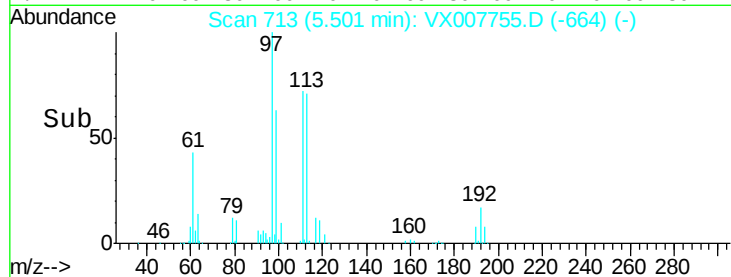
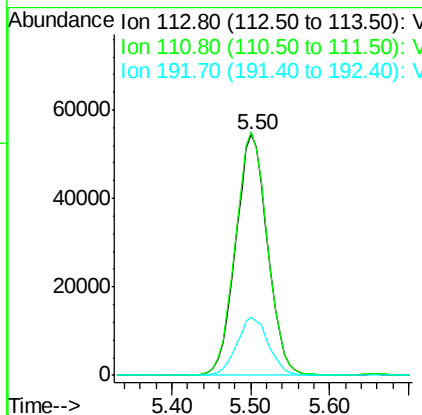
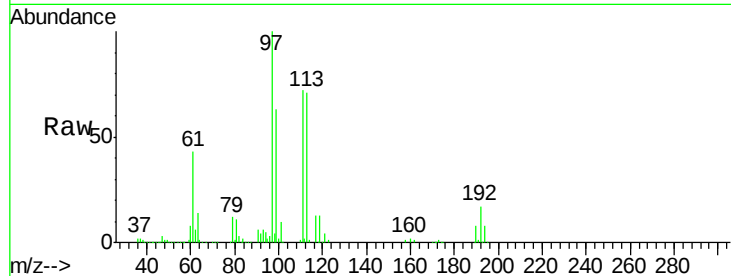
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	113	Resp:	152313
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.8	122.8
192	24.0	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.966 ug/l

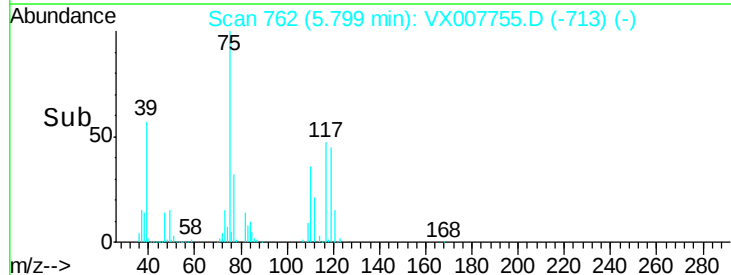
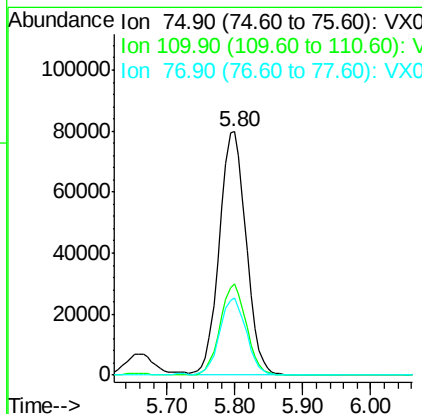
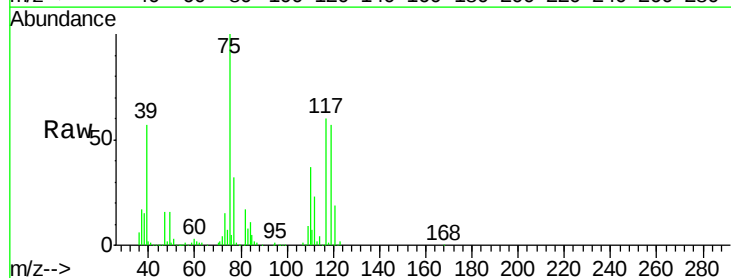
RT: 5.80 min Scan# 762

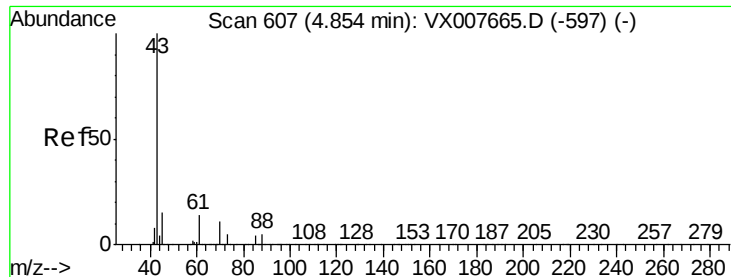
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	75	Resp:	218167
Ion Ratio	Lower	Upper	
75	100		
110	36.6	20.0	59.9
77	30.9	24.7	37.1





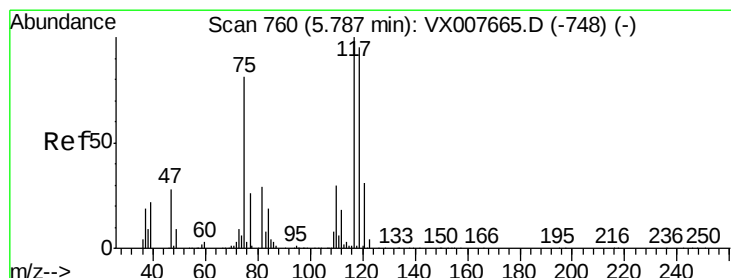
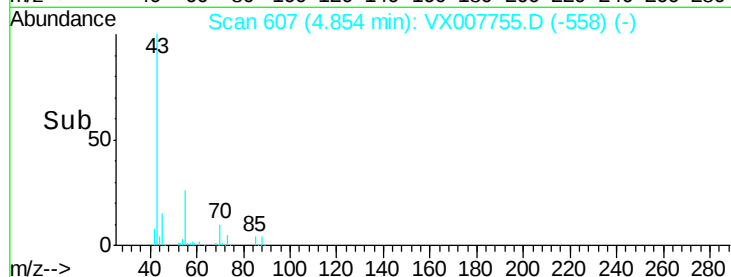
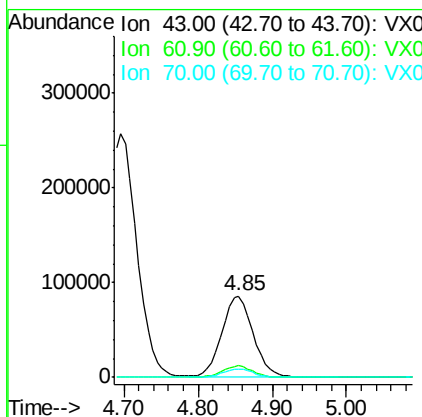
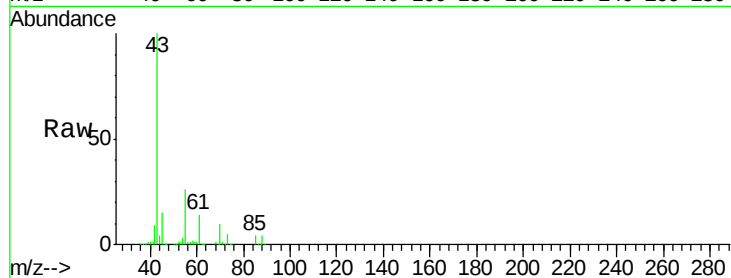
#37
Ethyl Acetate
Concen: 56.932 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	251015
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.3	8.6	13.0

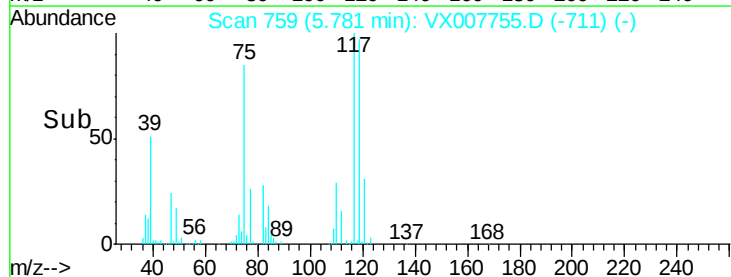
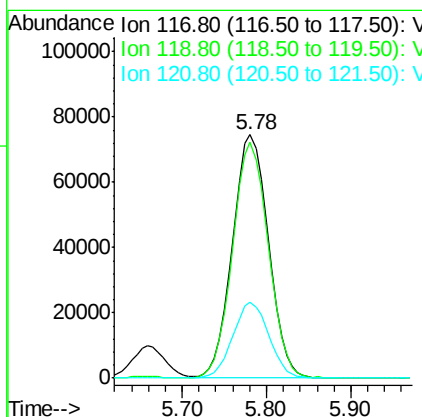
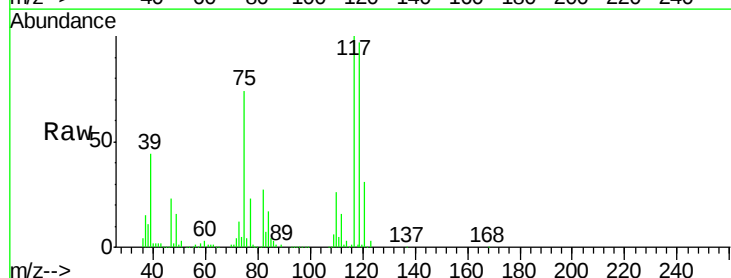
Manual Integrations
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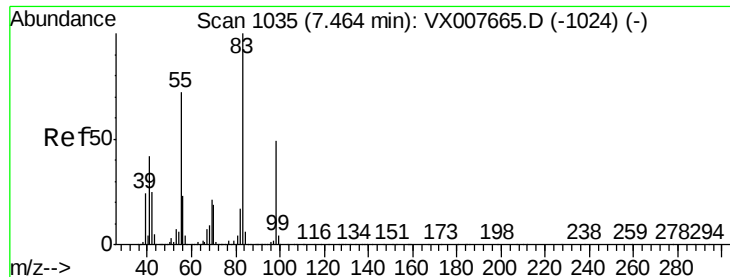
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#38
Carbon Tetrachloride
Concen: 54.170 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	117	Resp	215975
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.3	112.9
121	31.4	25.0	37.4





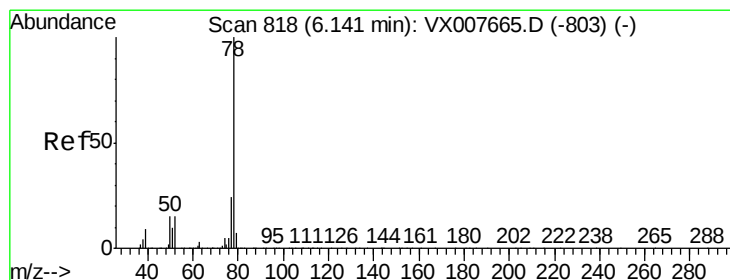
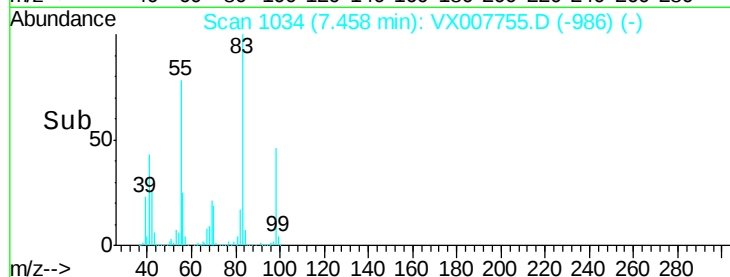
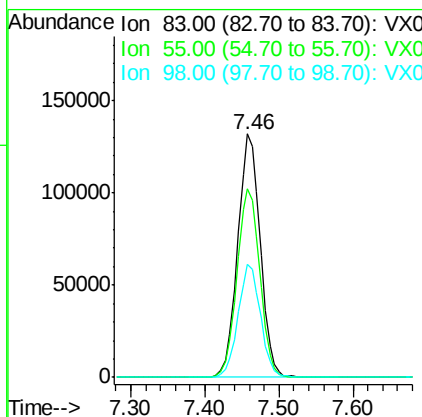
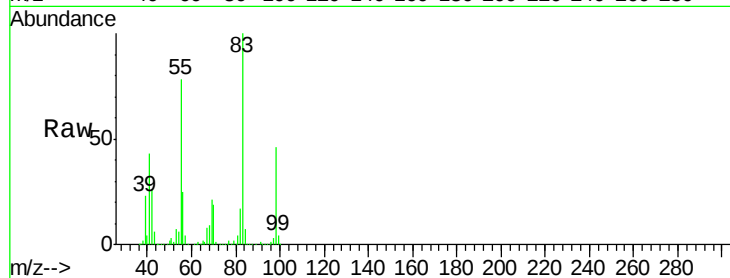
#39
Methvlcvclohexane
Concen: 55.872 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	56.2	84.2
98	46.3	36.8	55.2

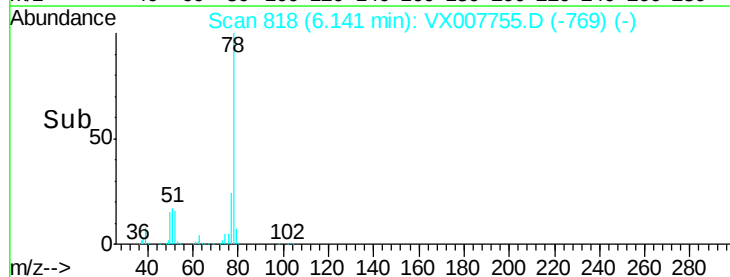
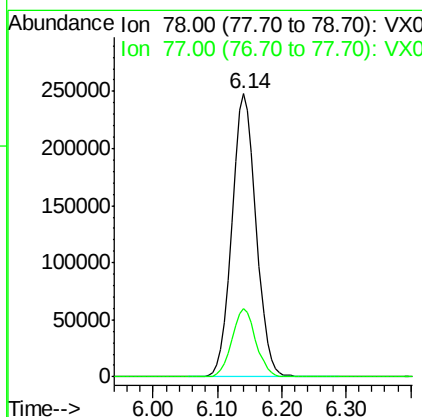
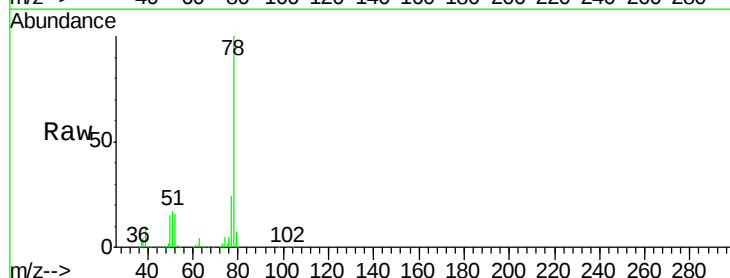
Manual Integrations
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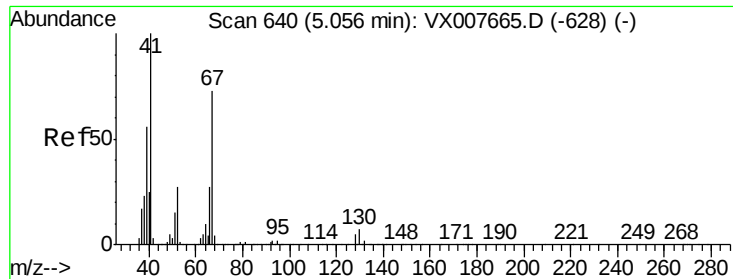
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#40
Benzene
Concen: 52.893 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





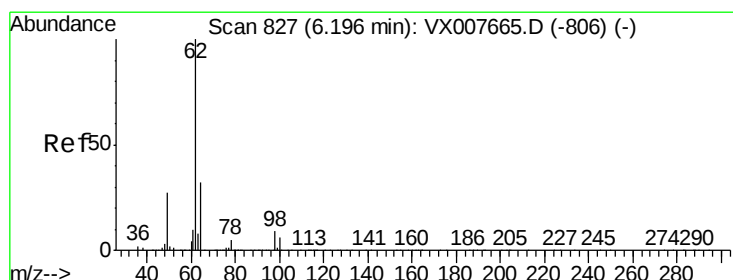
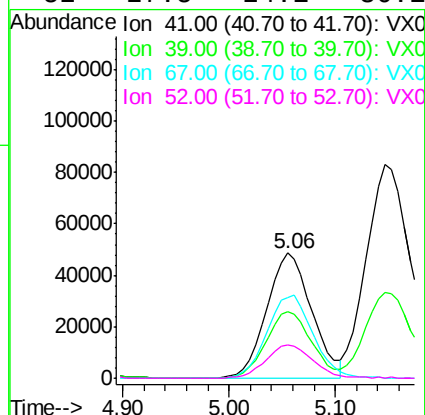
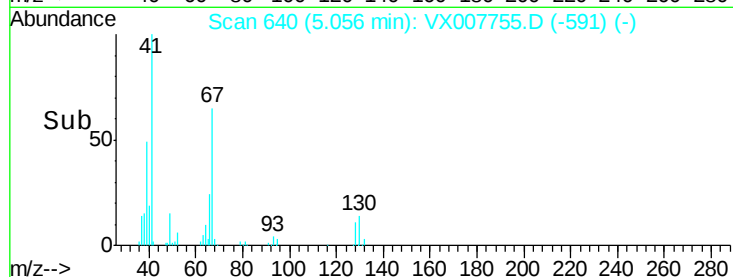
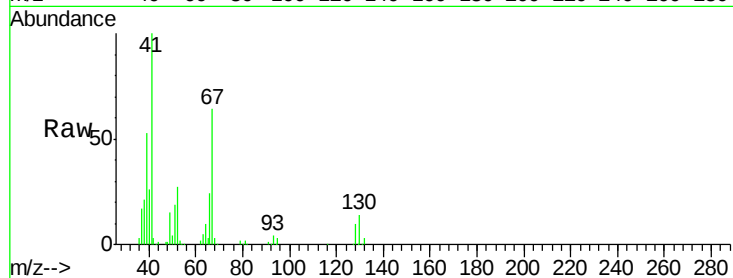
#41
Methacrylonitrile
Concen: 60.549 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	44.5	66.7	
67	67.8	60.4	90.6	
52	27.5	24.1	36.1	

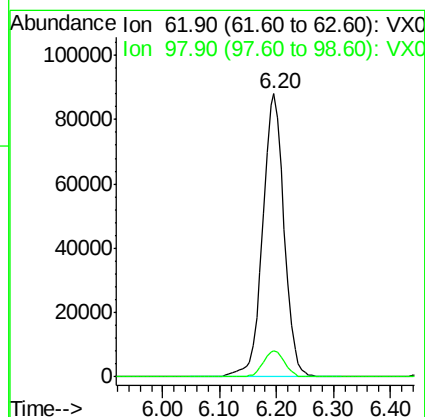
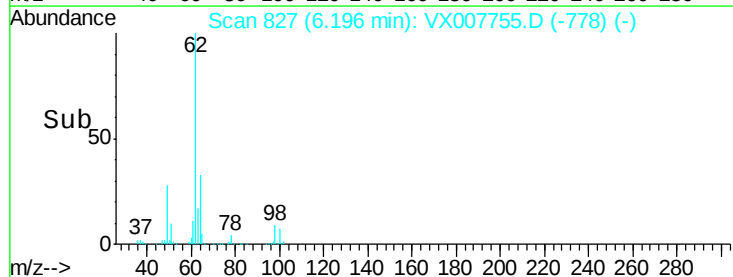
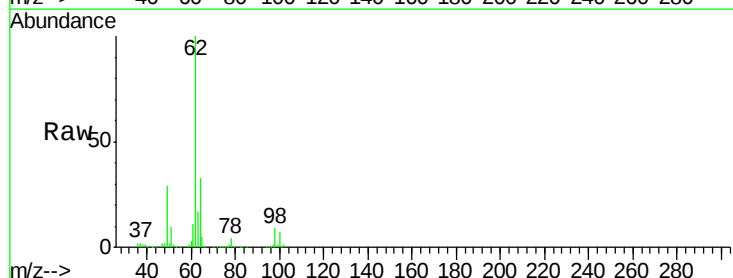
Manual Integrations
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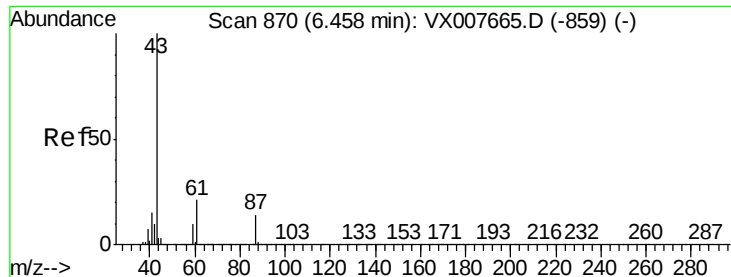
MMDadoda
3/1/2019 10:04:02 AM



#42
1,2-Dichloroethane
Concen: 55.588 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.0	





#43

Isopropyl Acetate

Concen: 57.752 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

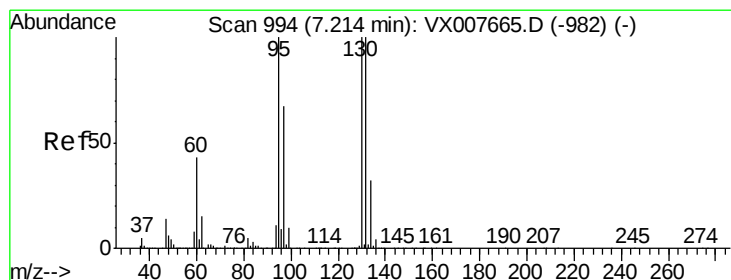
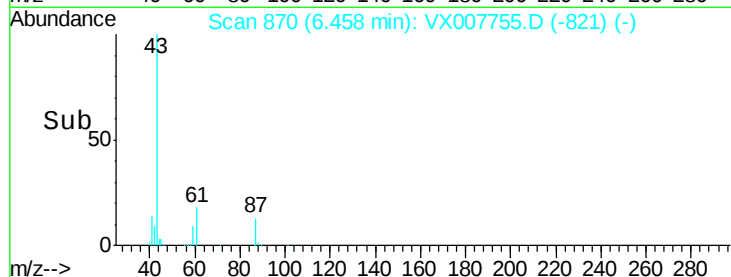
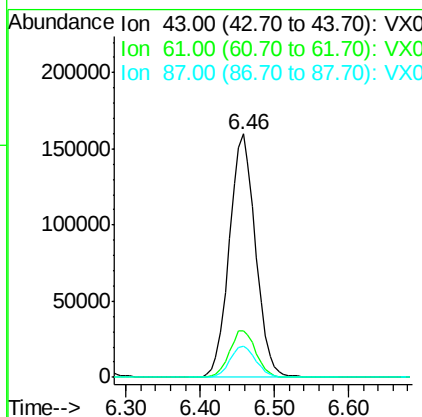
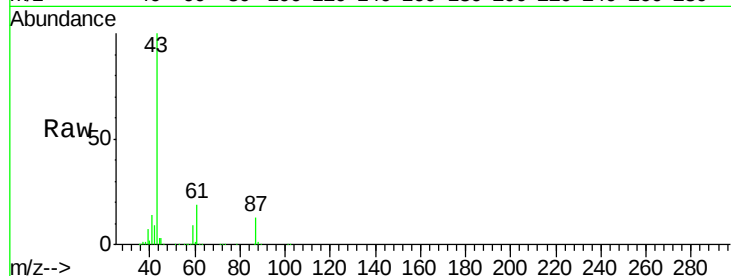
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	391893
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.9	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 53.572 ug/l

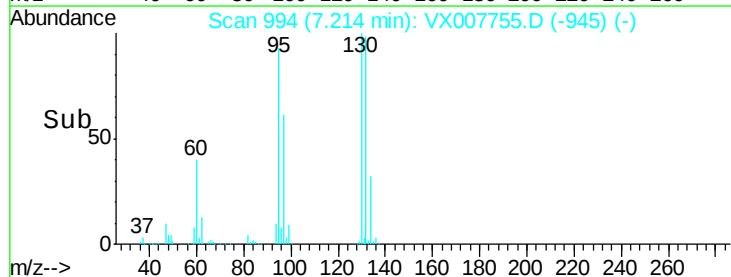
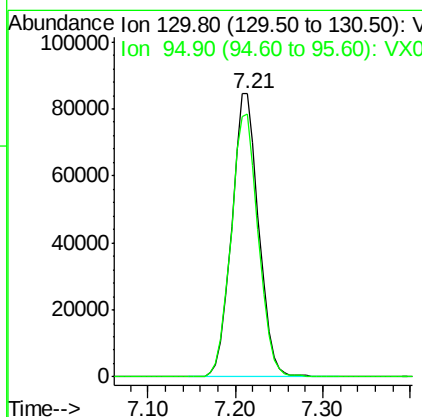
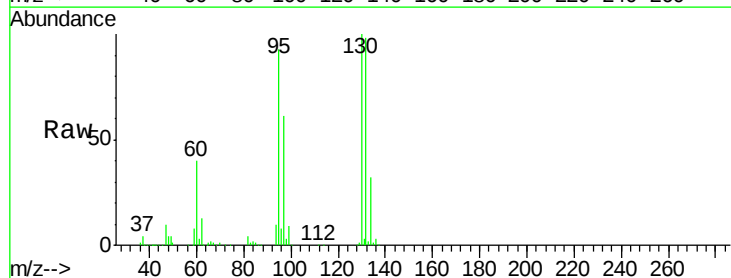
RT: 7.21 min Scan# 994

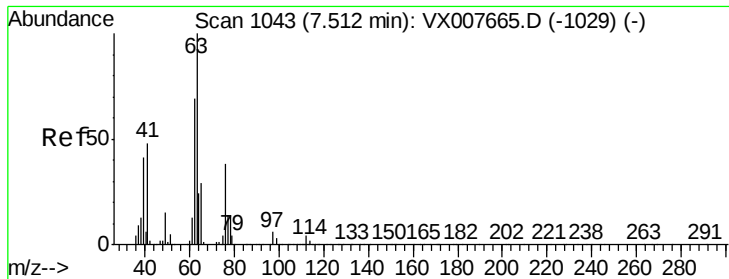
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	130	Resp:	180564
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 54.157 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 171888

Ion Ratio Lower Upper

63 100

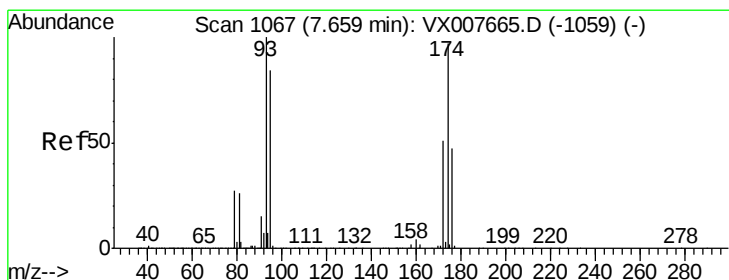
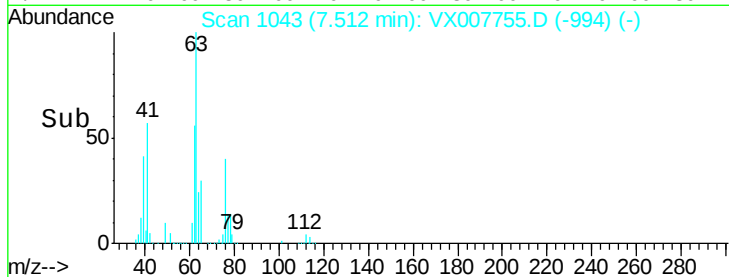
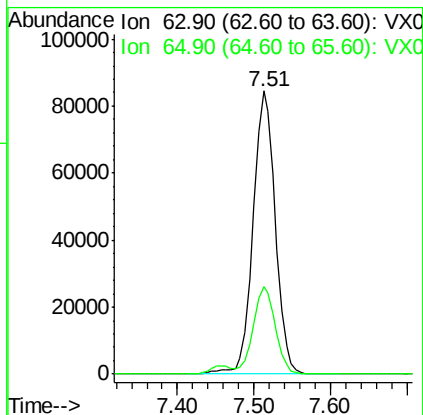
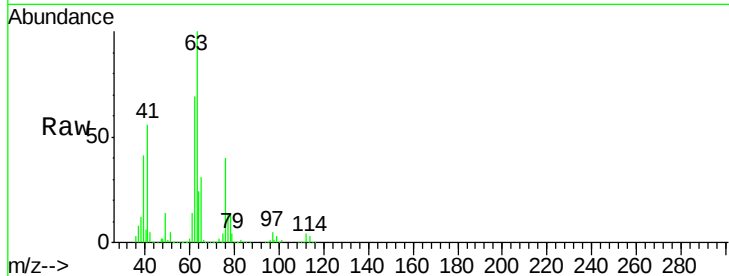
65 31.0 24.2 36.2

Manual Integrations

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MMDadoda

3/1/2019 10:04:02 AM



#46

Dibromomethane

Concen: 49.624 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

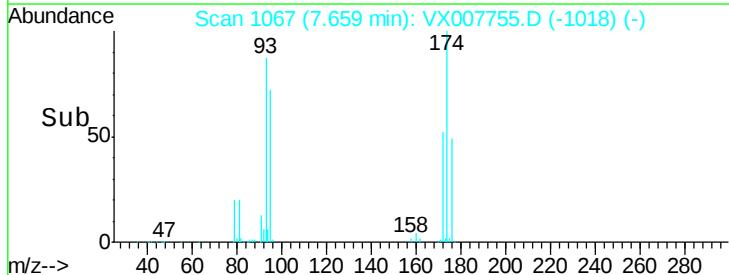
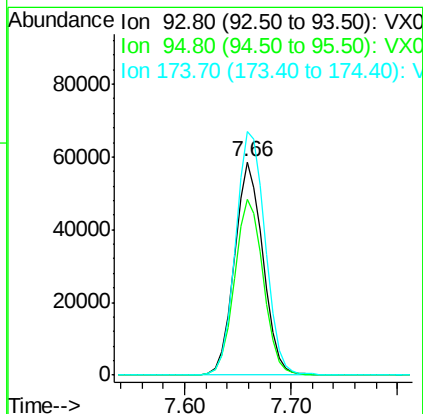
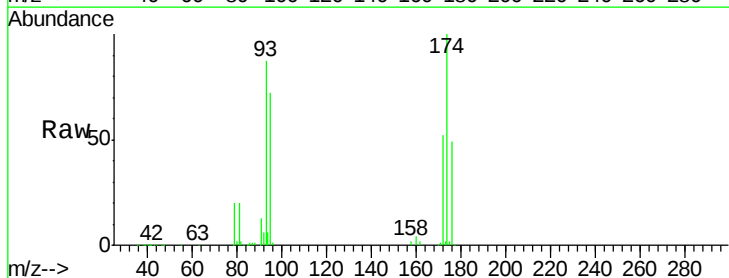
Tgt Ion: 93 Resp: 109877

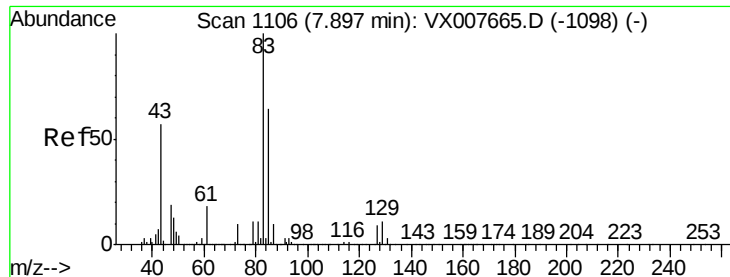
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 119.2 94.2 141.4





#47

Bromodichloromethane

Concen: 55.074 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

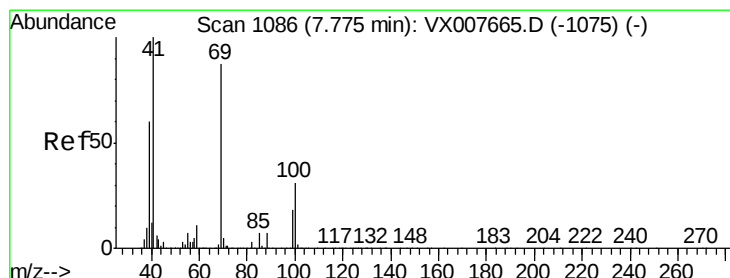
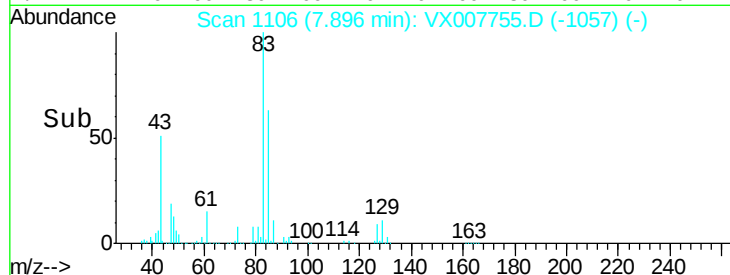
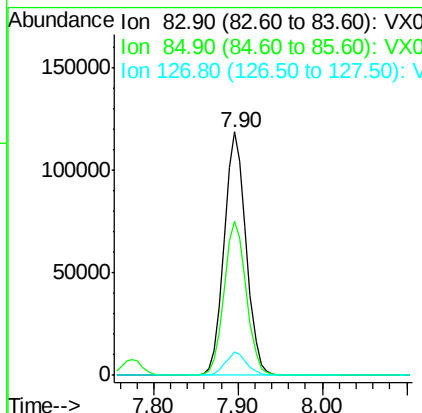
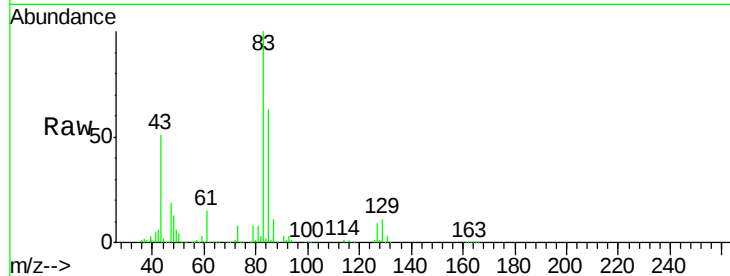
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	211325
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.4	77.0
127	9.4	8.1	12.1

Manual Integrations
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3/1/2019 10:04:02 AM



#48

Methyl methacrylate

Concen: 59.123 ug/l

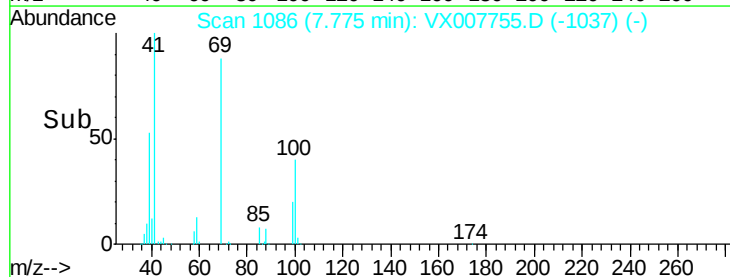
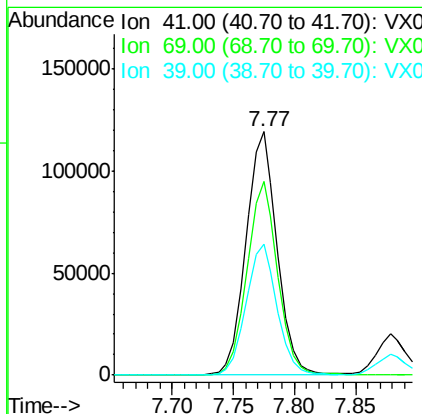
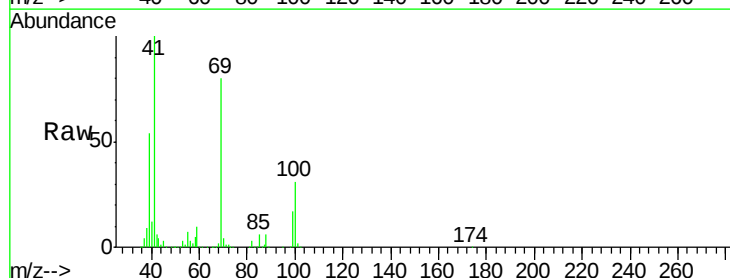
RT: 7.77 min Scan# 1086

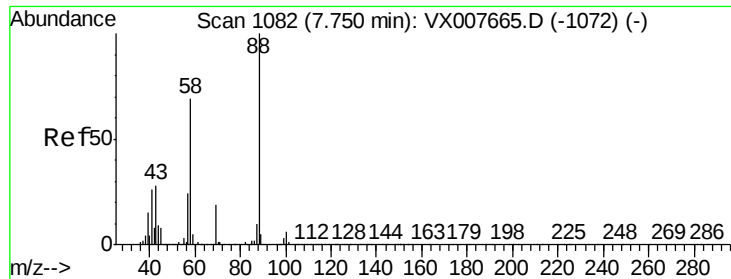
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	41	Resp:	210298
Ion Ratio	Lower	Upper	
41	100		
69	78.8	70.2	105.4
39	53.9	47.4	71.0





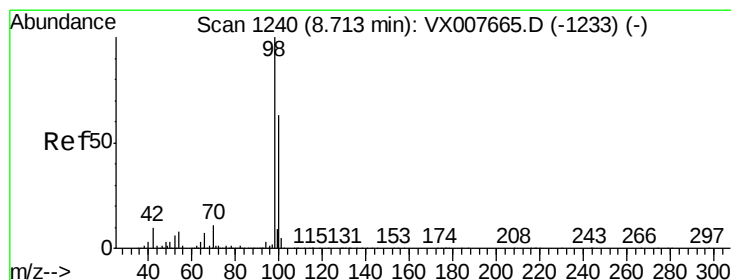
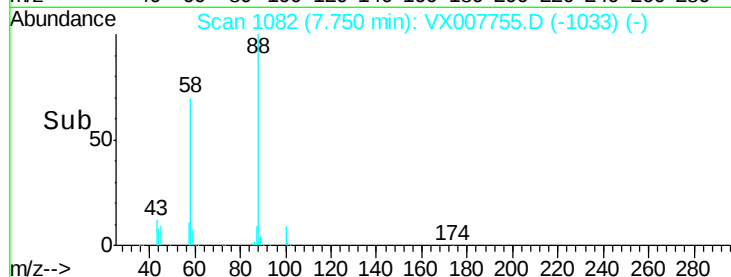
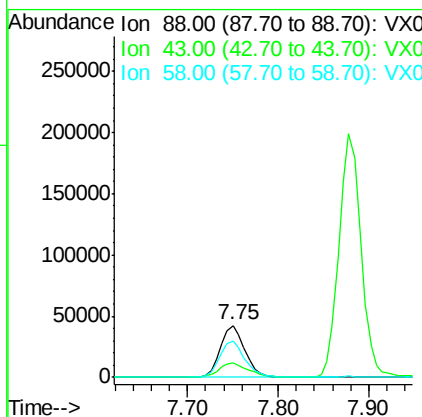
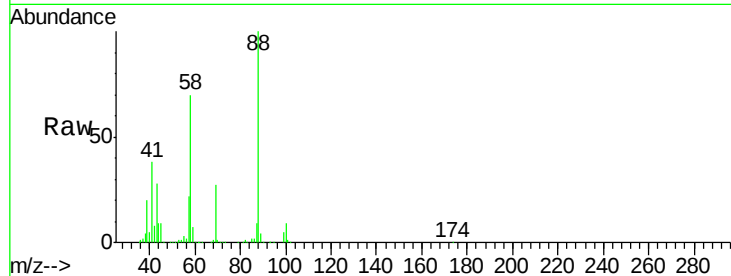
#49
1,4-Dioxane
Concen: 1040.786 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.2	36.4
58	72.8	53.0	79.4

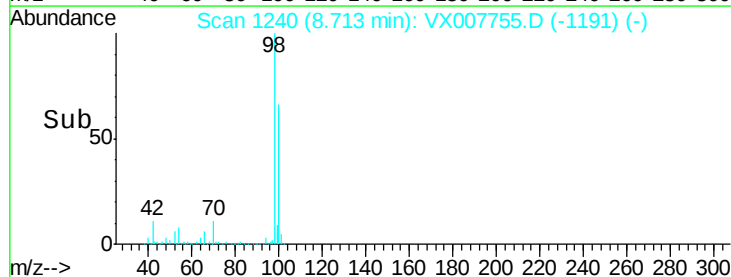
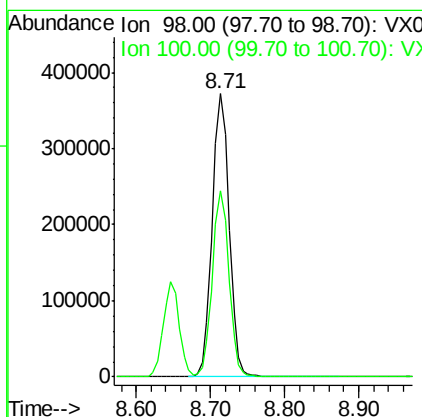
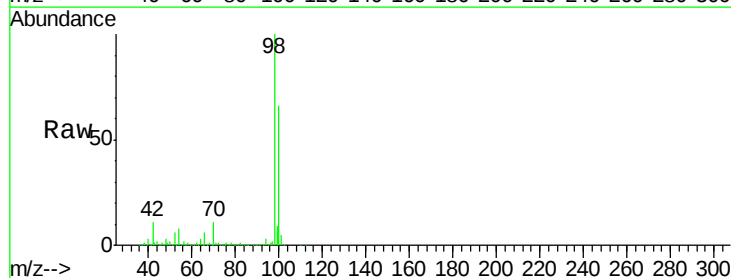
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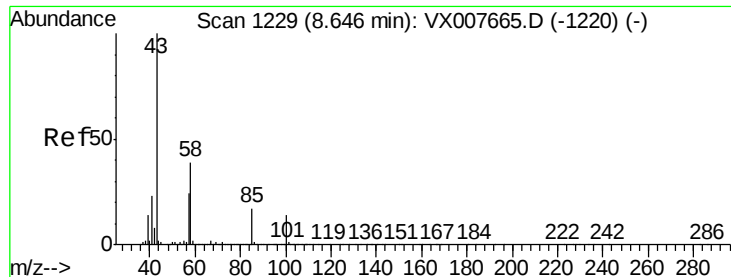
MMDadoda
3/1/2019 10:04:02 AM



#50
Toluene-d8
Concen: 51.458 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





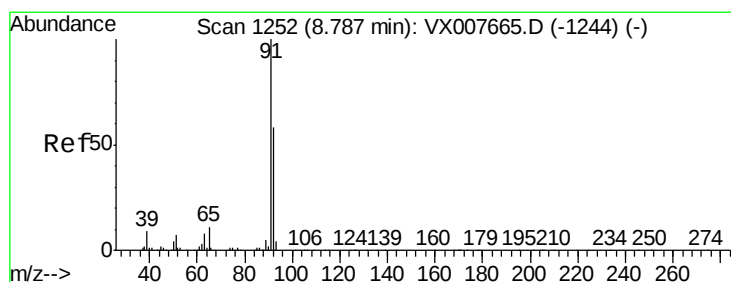
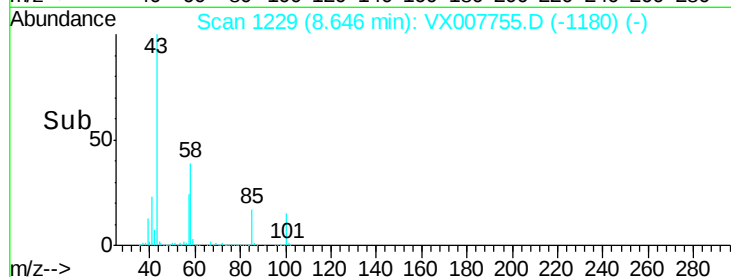
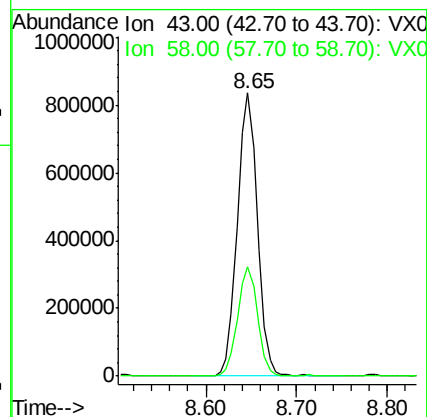
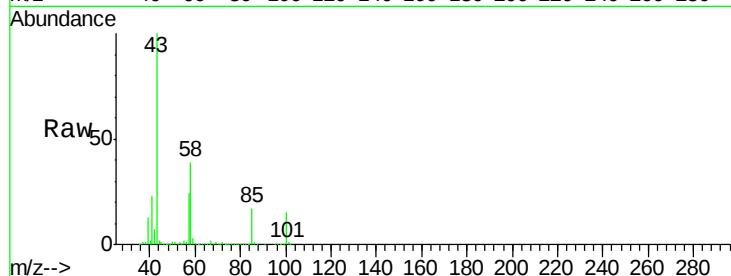
#51
4-Methyl-2-Pentanone
Concen: 283.556 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1287976
Ion Ratio Lower Upper
43 100
58 38.4 31.2 46.8

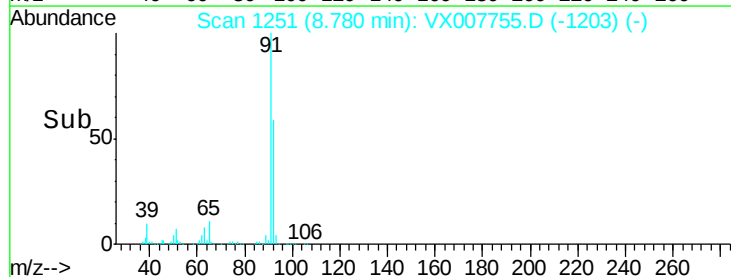
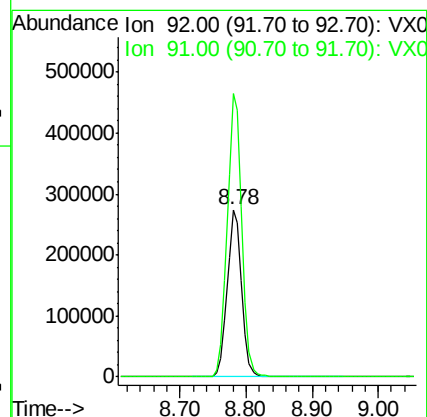
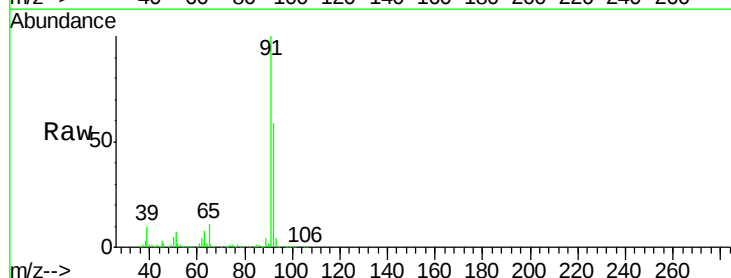
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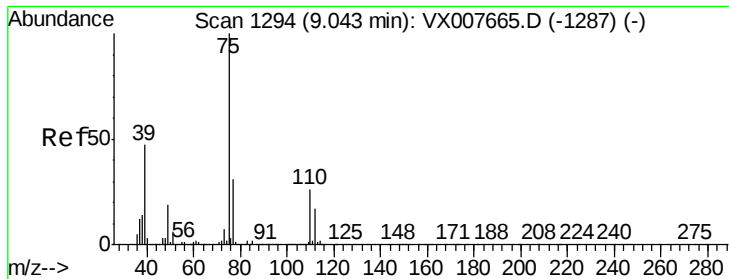
MMDadoda
3/1/2019 10:04:02 AM



#52
Toluene
Concen: 53.454 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 92 Resp: 412993
Ion Ratio Lower Upper
92 100
91 171.7 139.1 208.7





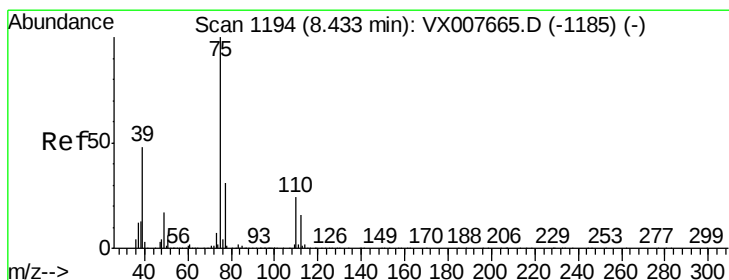
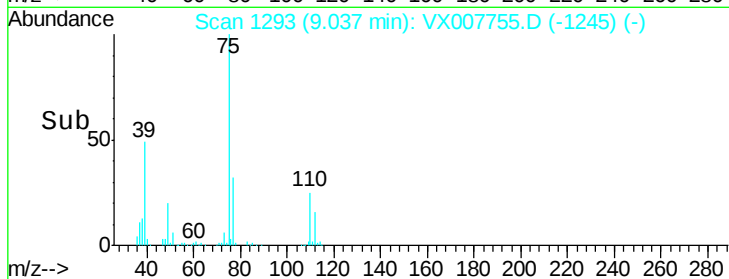
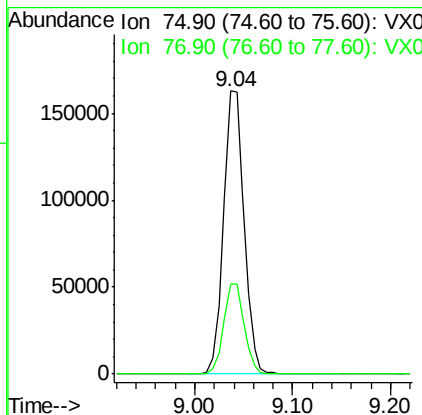
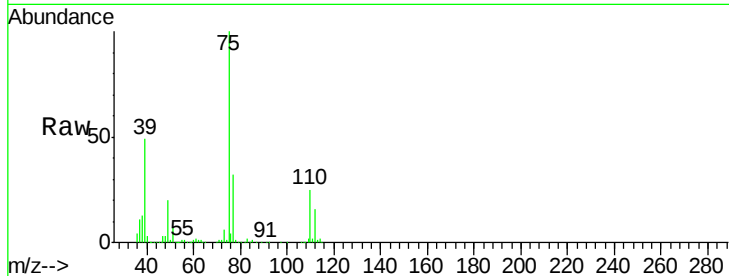
#53
t-1,3-Dichloropropene
Concen: 49.852 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

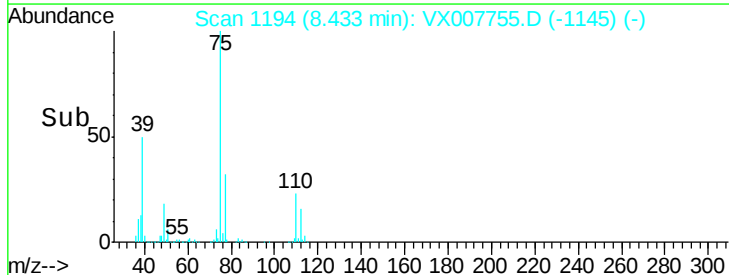
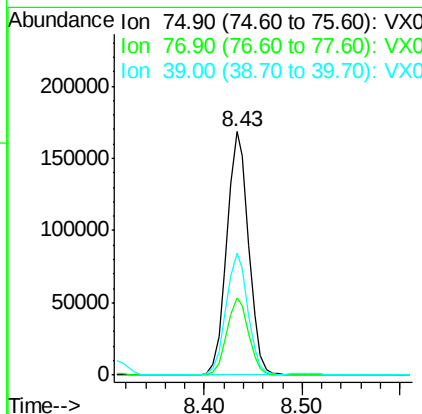
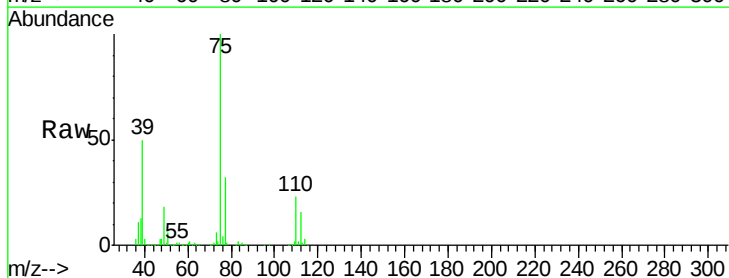
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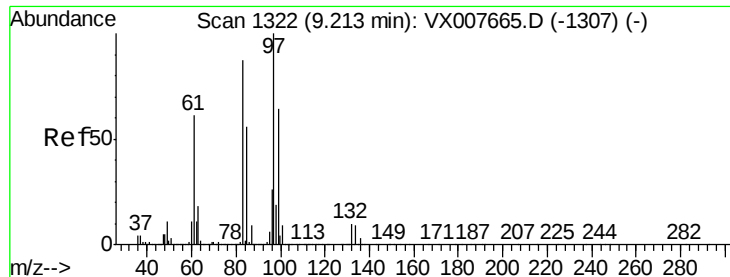
MMDadoda
3/1/2019 10:04:02 AM



#54
cis-1,3-Dichloropropene
Concen: 55.878 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	50.3	37.1	55.7





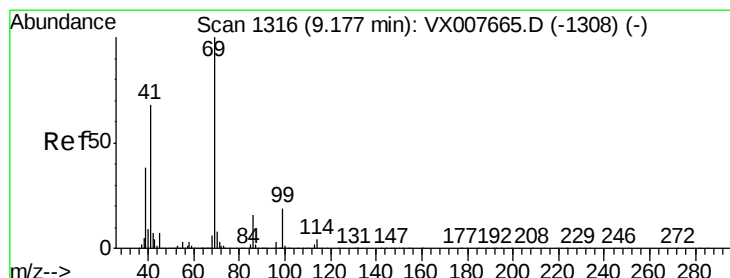
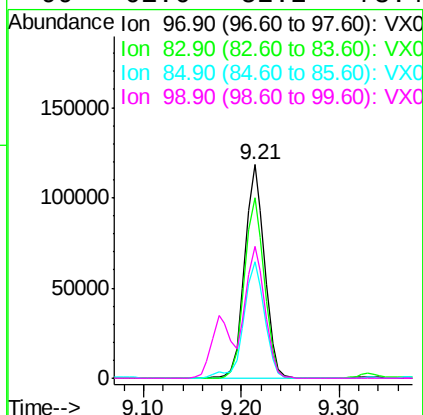
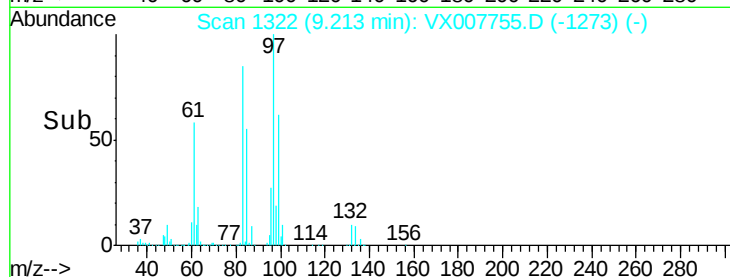
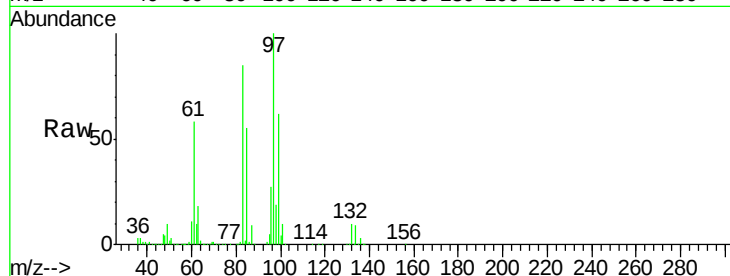
#55
 1,1,2-Trichloroethane
 Concen: 51.855 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167071		
83	84.7	68.6	102.8		
85	54.8	44.5	66.7		
99	61.6	52.2	78.4		

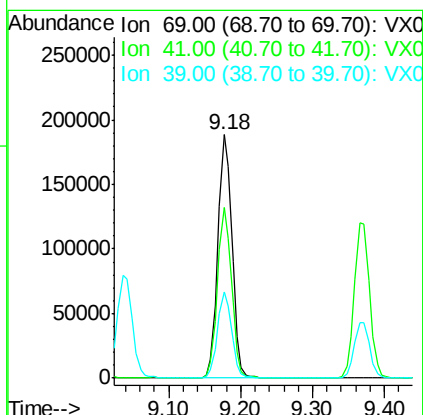
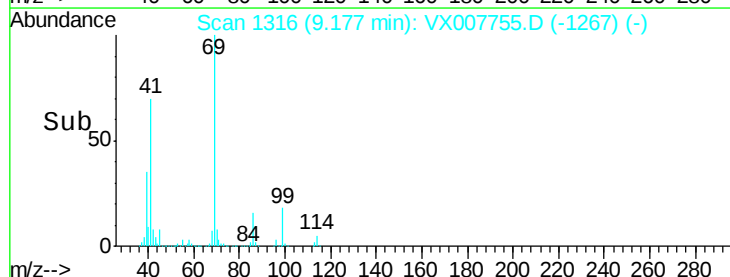
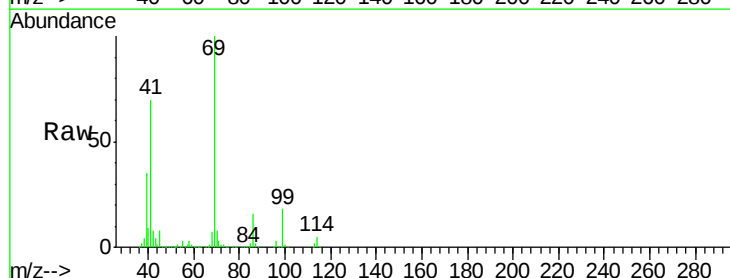
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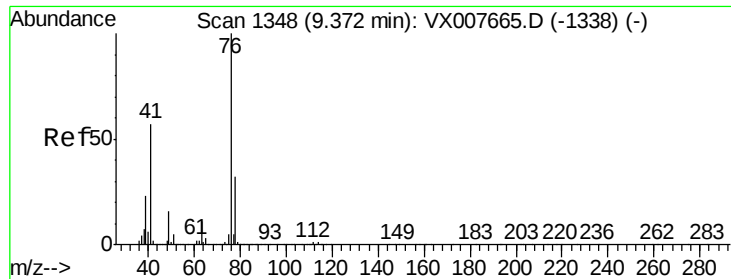
MMDadoda
 3/1/2019 10:04:02 AM



#56
 Ethyl methacrylate
 Concen: 55.829 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		255791		
41	69.8	52.1	78.1		
39	35.2	30.1	45.1		





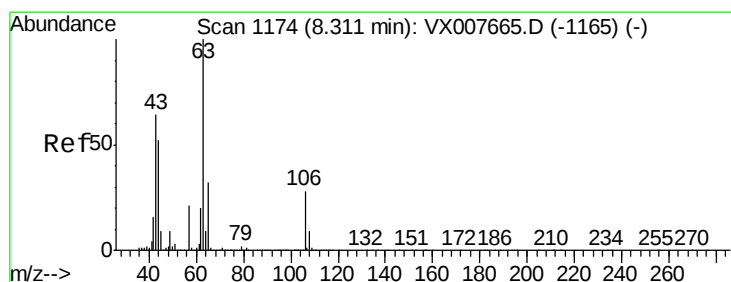
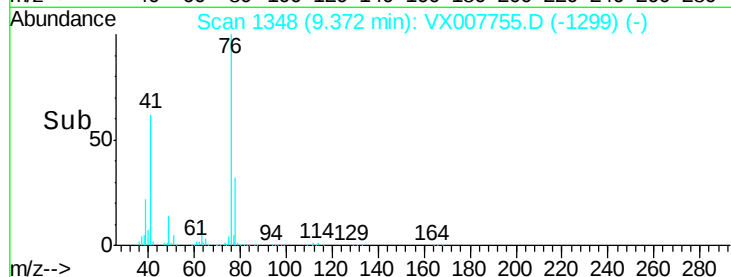
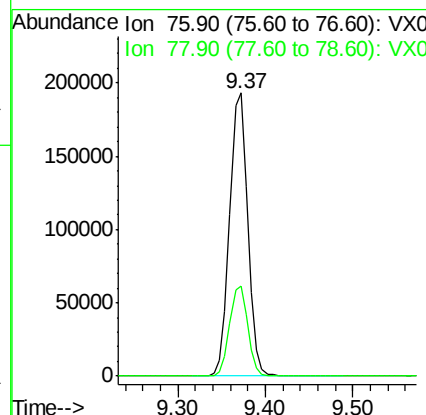
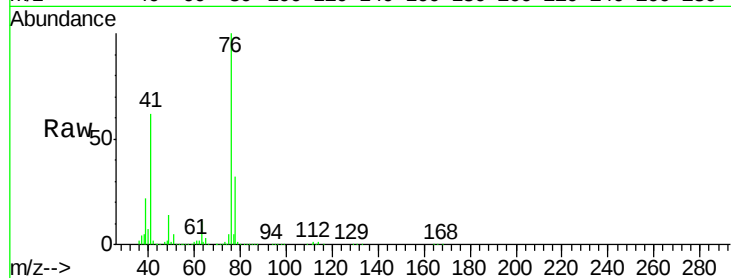
#57
 1,3-Dichloropropane
 Concen: 53.872 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

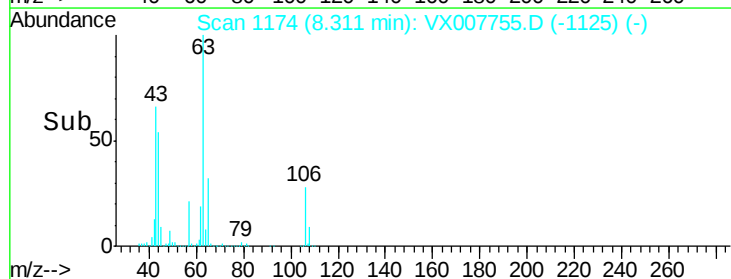
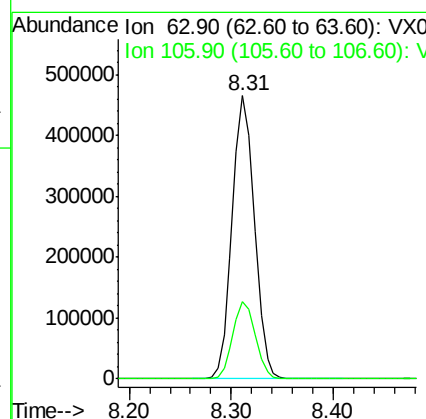
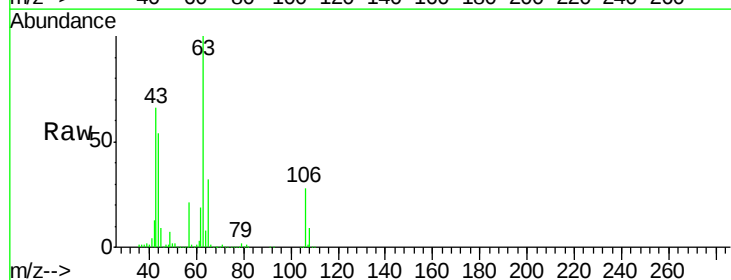
Manual Integrations
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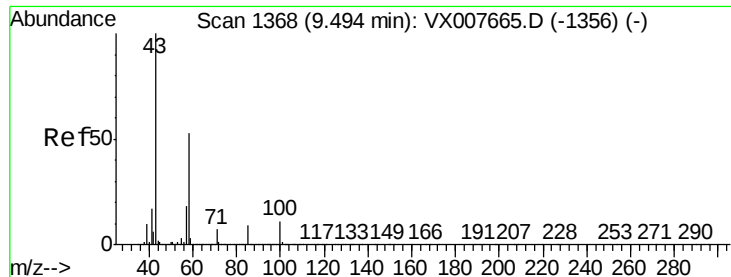
MMDadoda
 3/1/2019 10:04:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.447 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	23.6	35.4





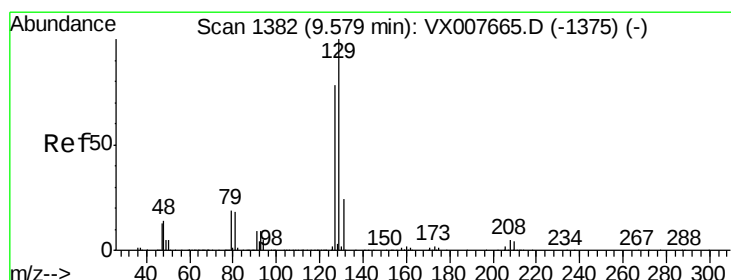
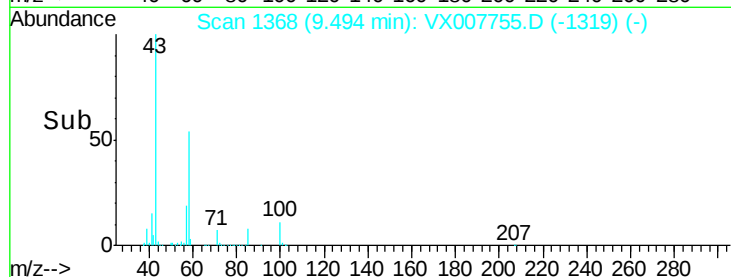
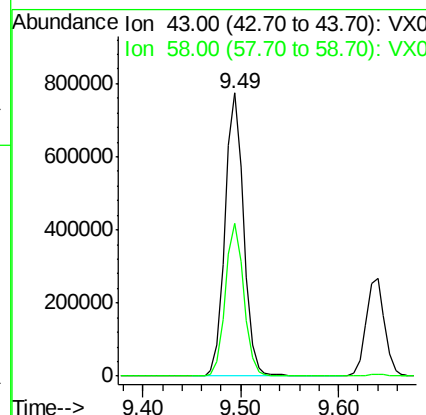
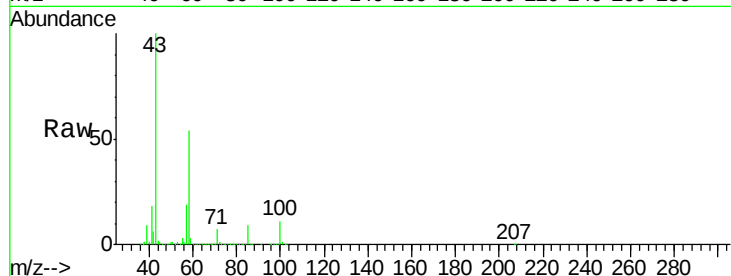
#59
2-Hexanone
Concen: 286.544 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1021835
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3

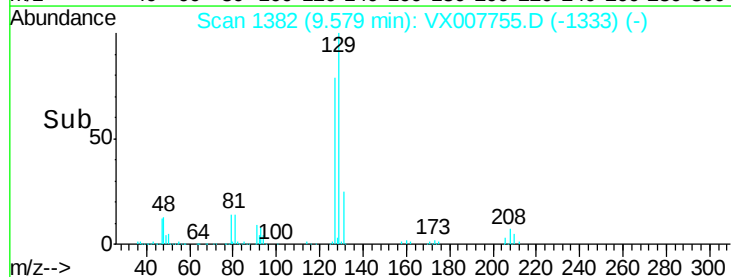
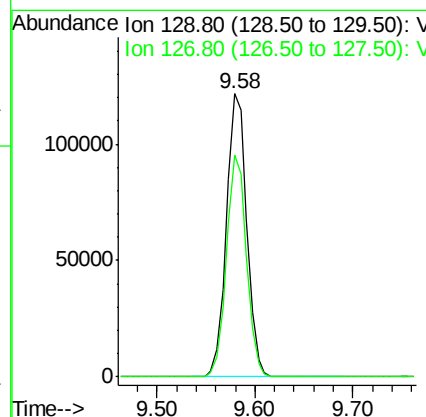
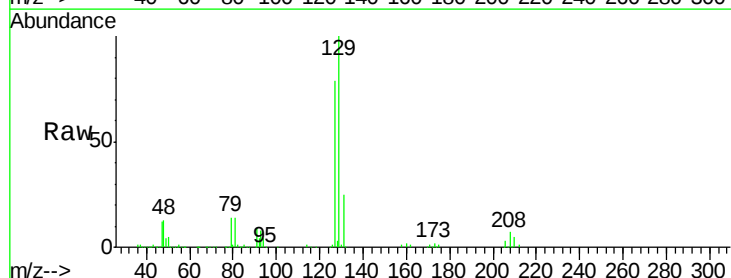
Manual Integrations
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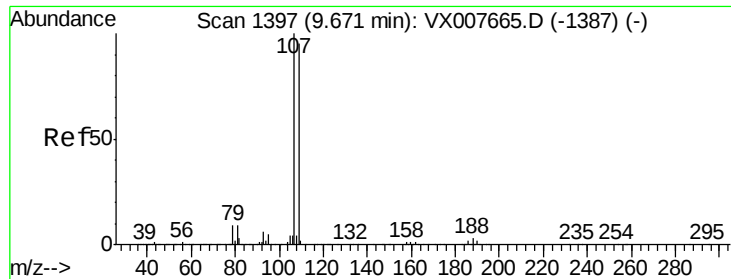
MMDadoda
3/1/2019 10:04:02 AM



#60
Dibromochloromethane
Concen: 56.462 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion: 129 Resp: 175041
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.690 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 176254

Ion Ratio Lower Upper

107 100

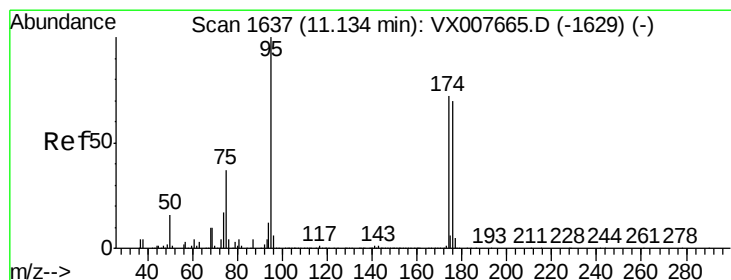
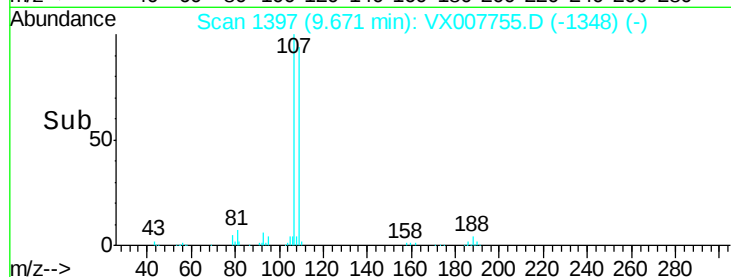
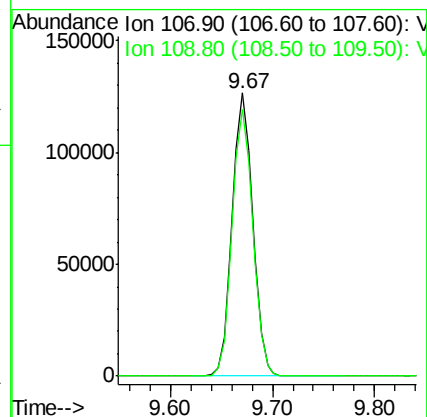
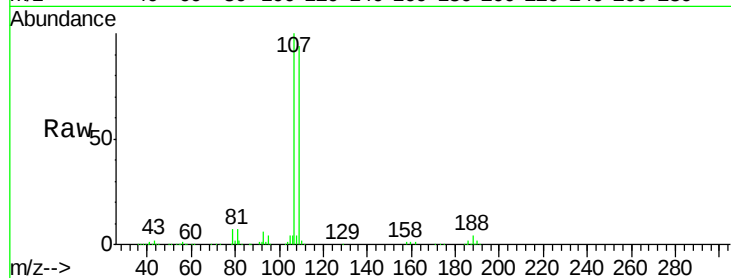
109 95.0 75.1 112.7

Manual Integrations

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MMDadoda

3/1/2019 10:04:02 AM



#62

4-Bromofluorobenzene

Concen: 50.942 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

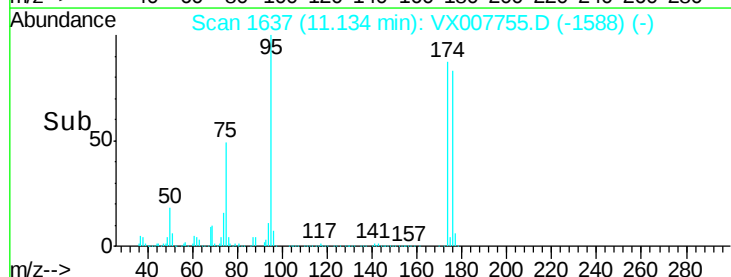
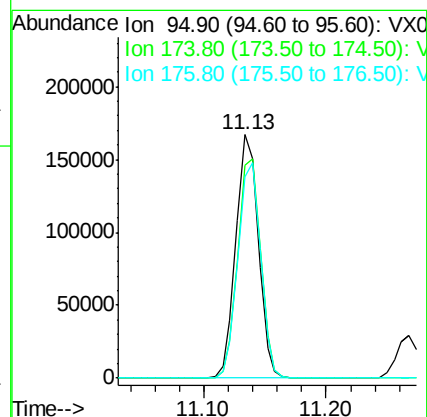
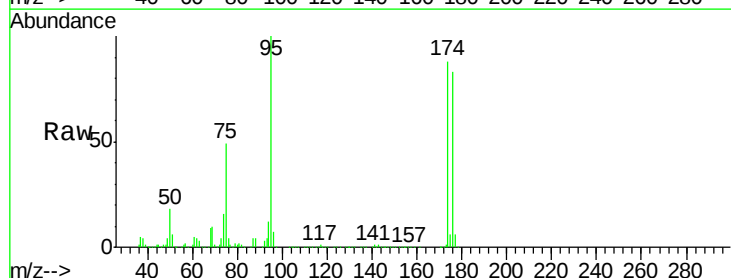
Tgt Ion: 95 Resp: 211251

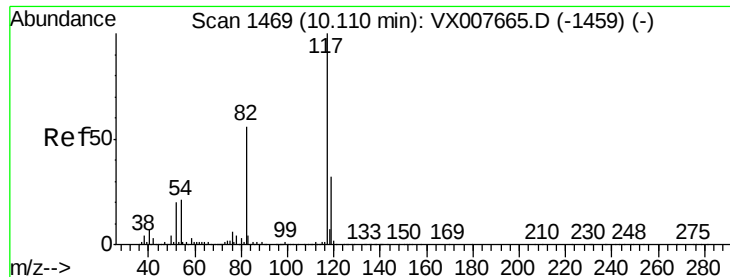
Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 89.7 0.0 186.2





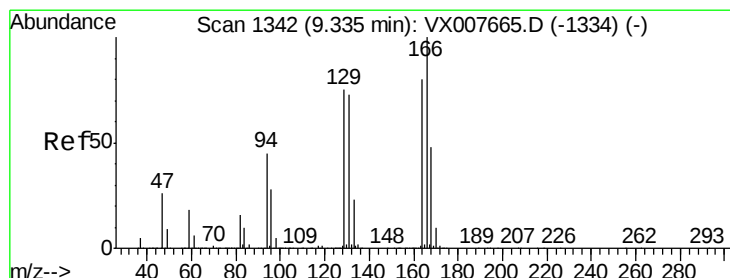
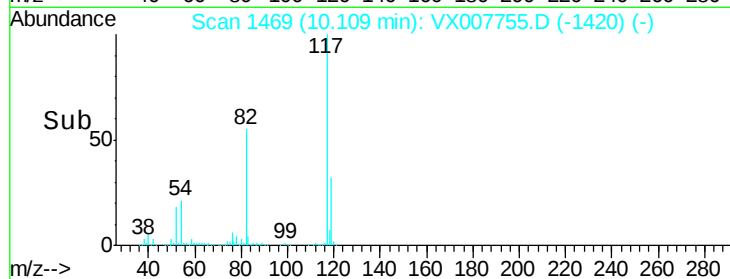
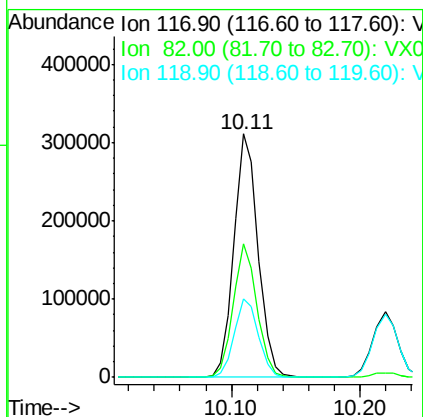
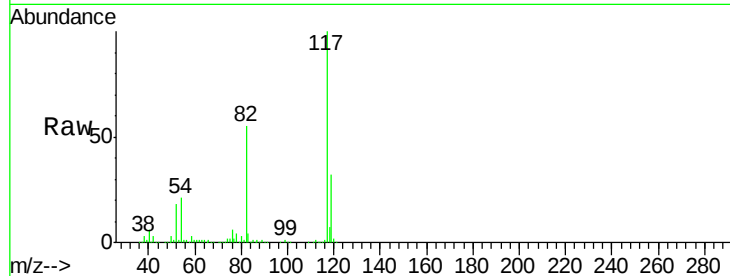
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407531		
82	54.7	42.1	63.1	
119	32.0	26.5	39.7	

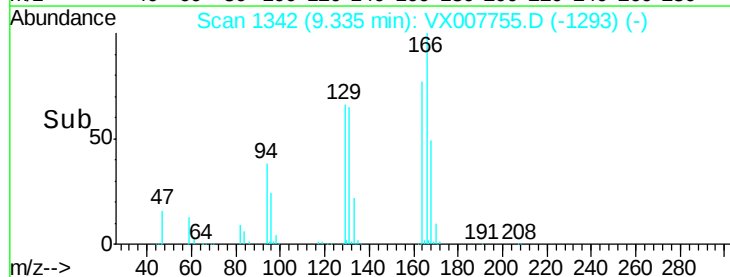
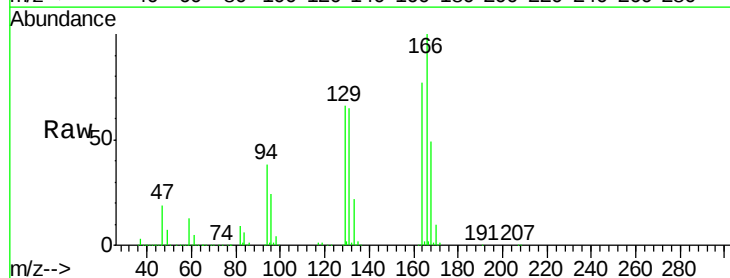
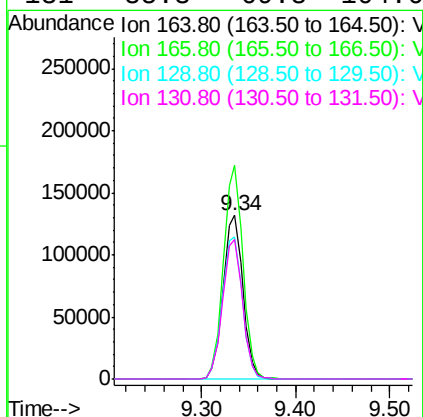
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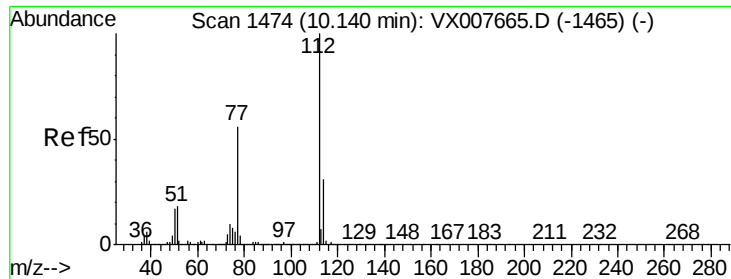
MMDadoda
3/1/2019 10:04:02 AM



#64
Tetrachloroethene
Concen: 57.987 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191843		
166	130.4	101.0	151.4	
129	86.4	70.5	105.7	
131	85.3	69.8	104.6	





#65

Chlorobenzene

Concen: 51.937 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 457776

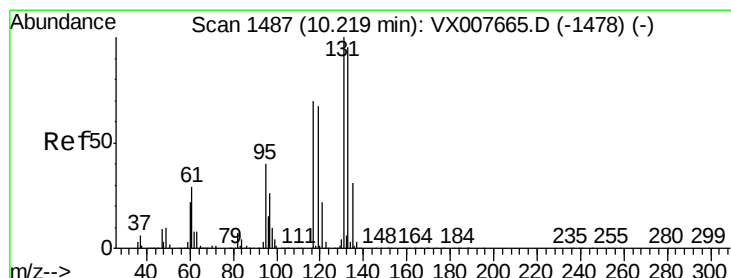
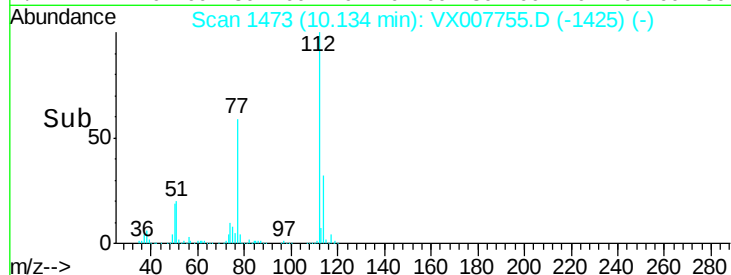
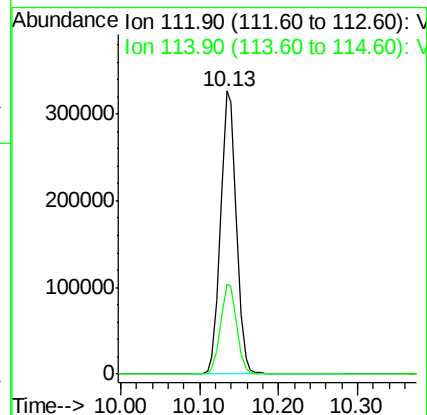
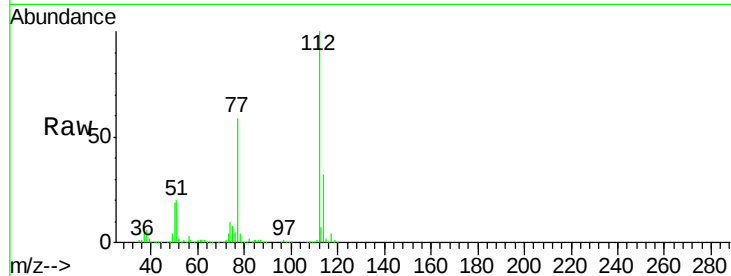
Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 54.631 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

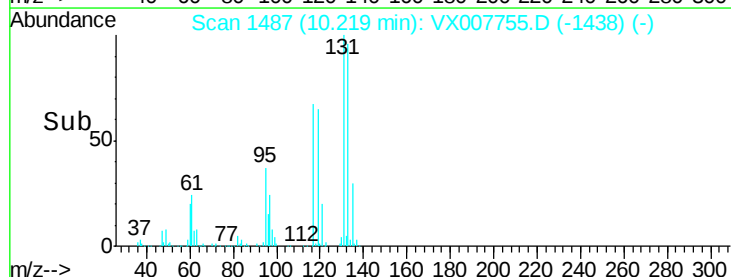
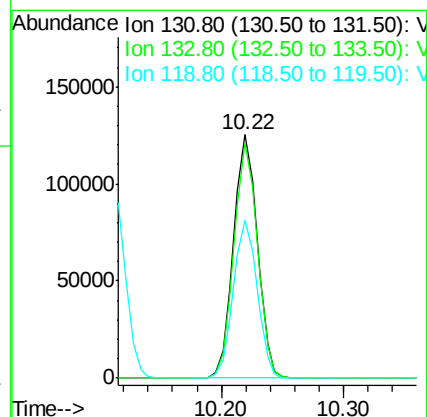
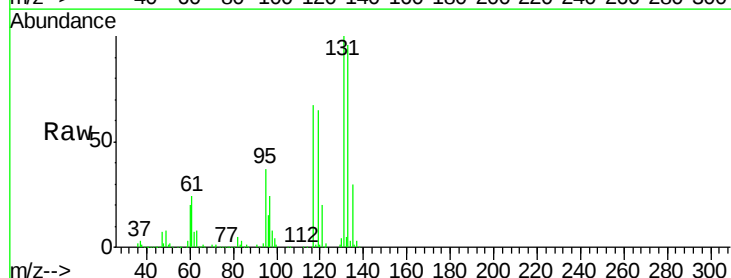
Tgt Ion:131 Resp: 167967

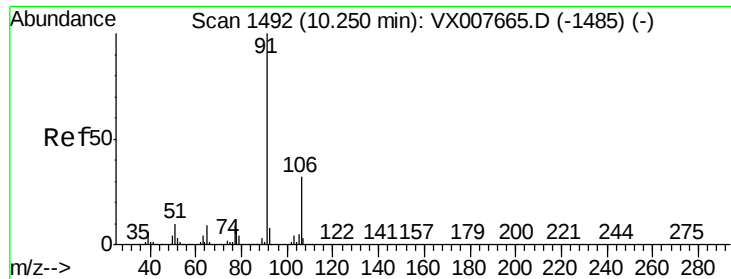
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 53.707 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 784177

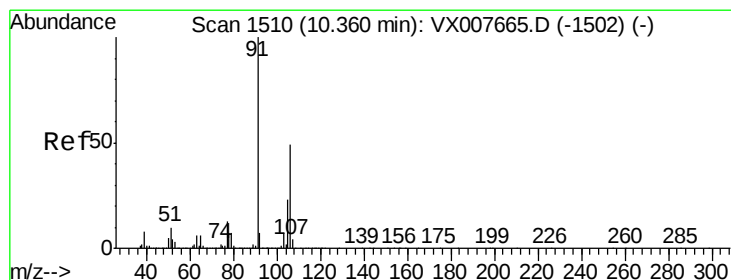
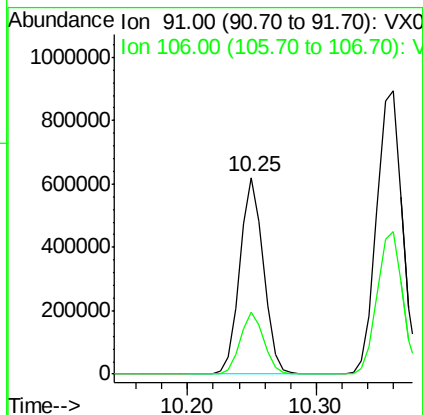
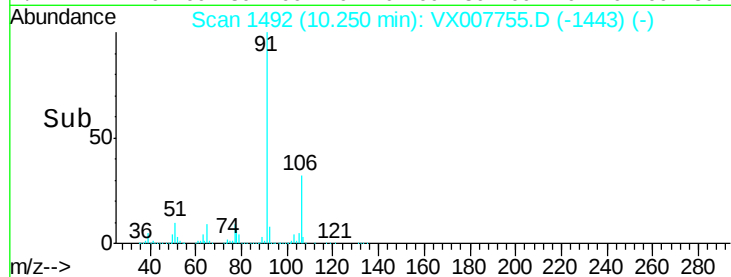
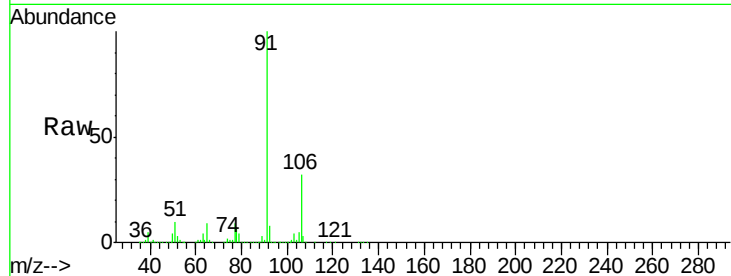
Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0

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#68

m/p-Xylenes

Concen: 107.213 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007755.D

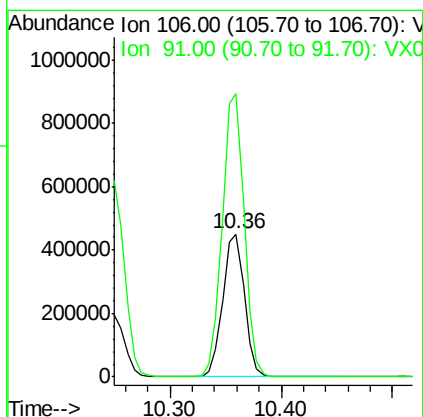
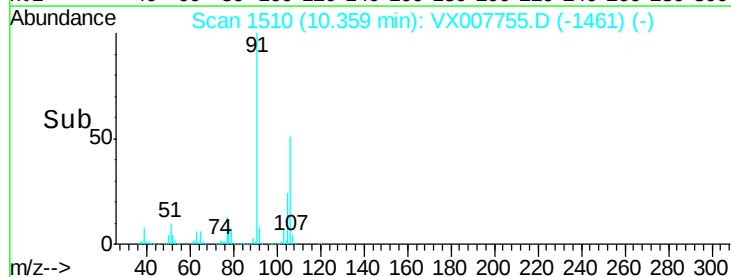
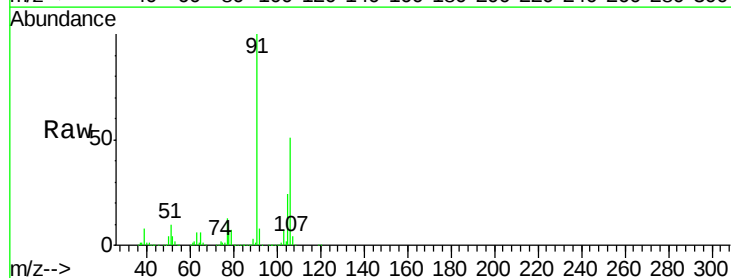
Acq: 28 Feb 2019 09:50

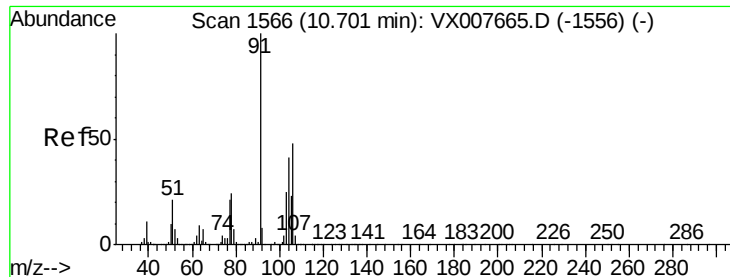
Tgt Ion: 106 Resp: 608996

Ion Ratio Lower Upper

106 100

91 200.4 156.6 234.8





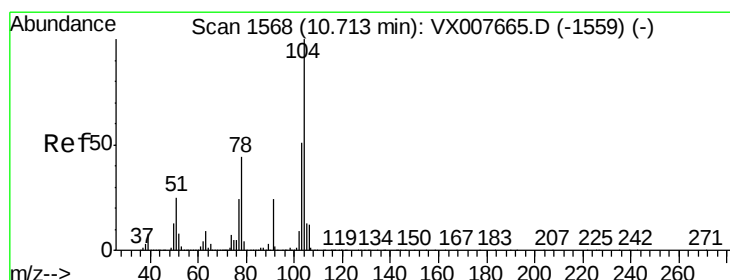
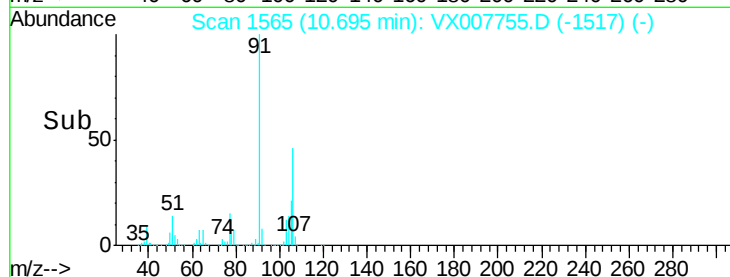
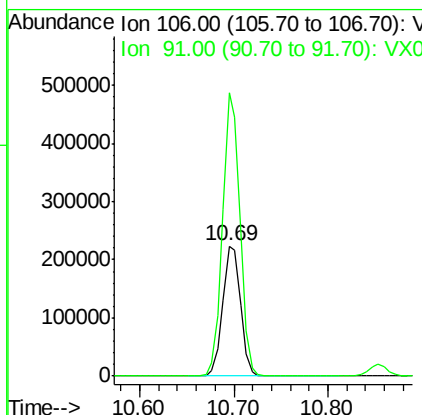
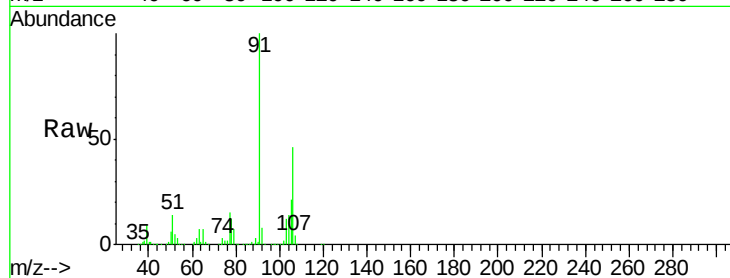
#69
o-Xylene
Concen: 53.567 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	102.9	308.7

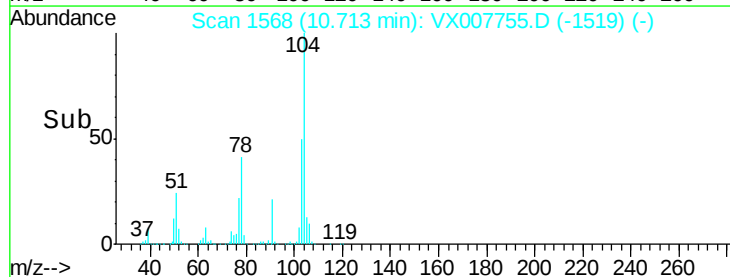
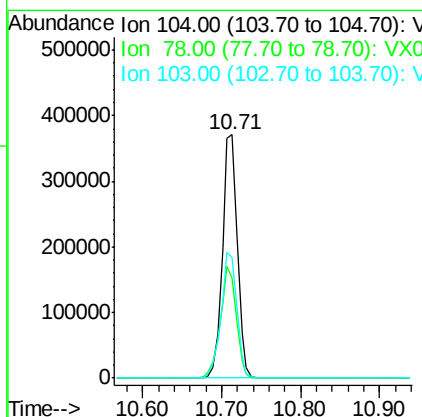
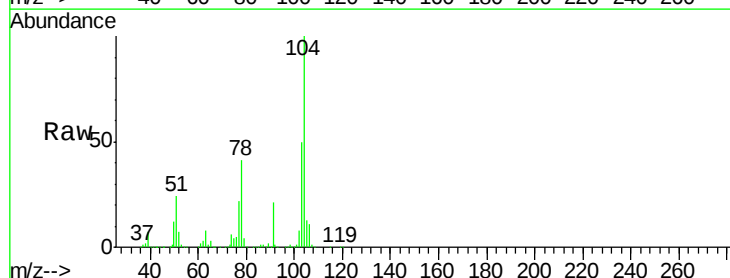
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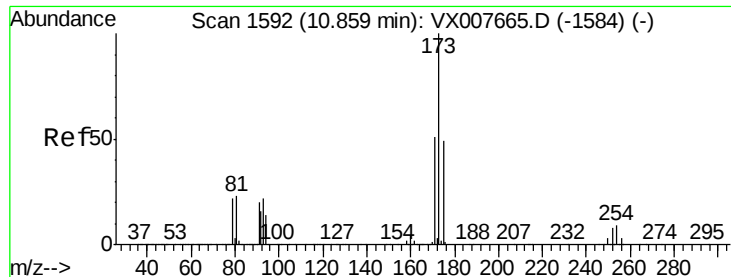
MMDadoda
3/1/2019 10:04:02 AM



#70
Styrene
Concen: 54.209 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.3	57.5
103	55.3	44.6	67.0





#71

Bromoform

Concen: 59.557 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

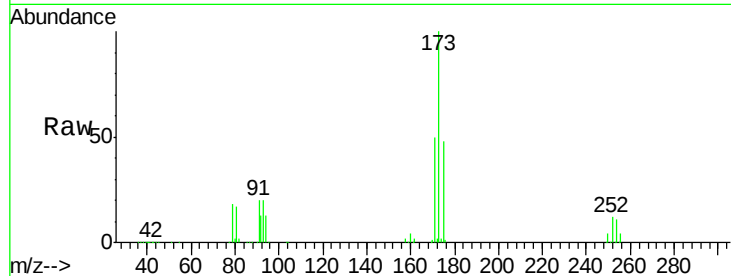
ClientSampled :

VSTDCCC050

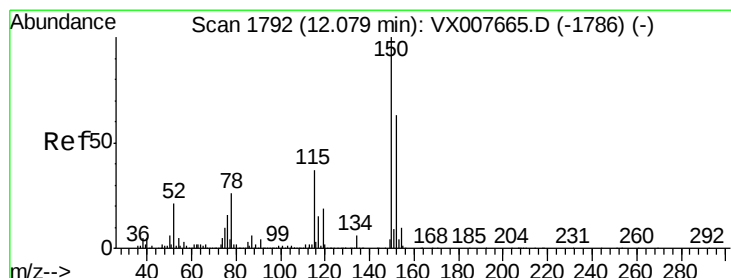
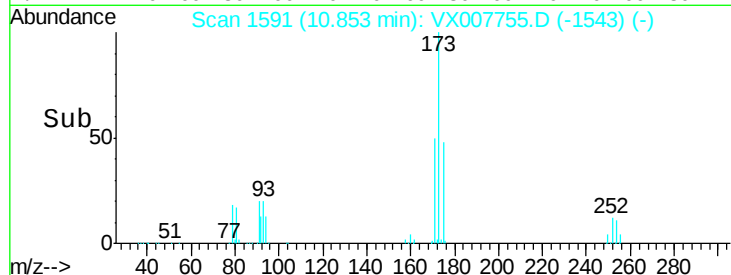
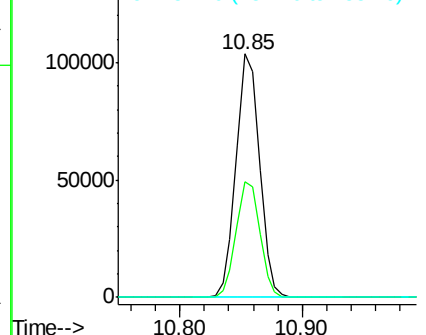
Tot Ion:	173	Resp:	137311
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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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

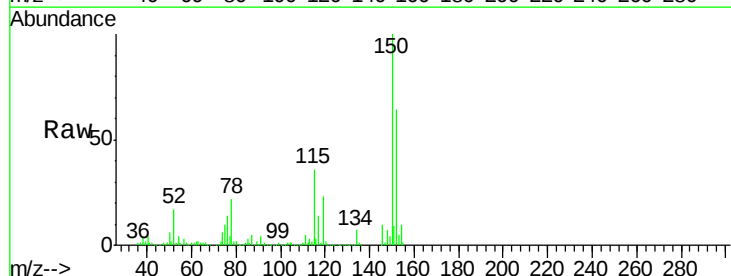
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

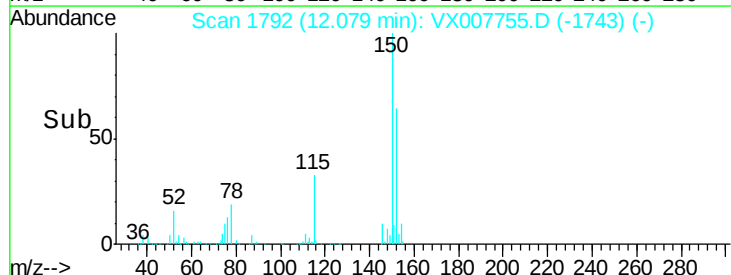
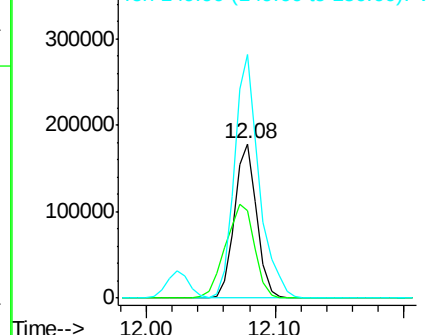
Lab File: VX007755.D

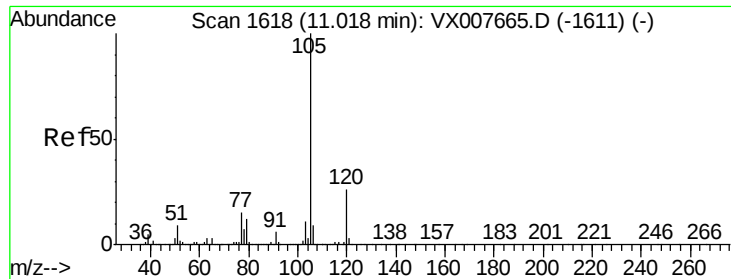
Acq: 28 Feb 2019 09:50

Tgt Ion:	152	Resp:	215998
Ion Ratio	Lower	Upper	
152	100		
115	79.7	38.0	114.0
150	174.1	0.0	346.4



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: 51.746 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 798829

Ion Ratio Lower Upper

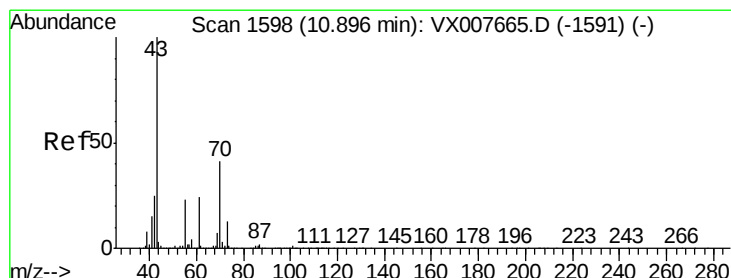
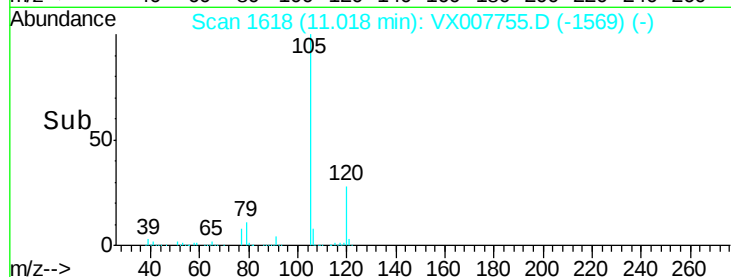
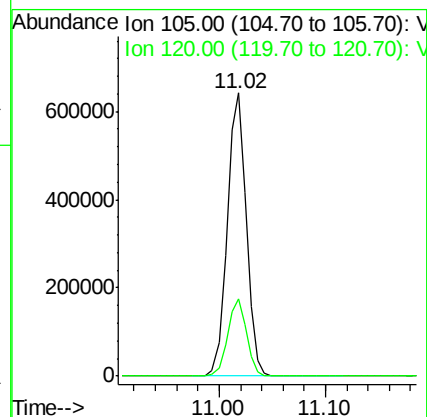
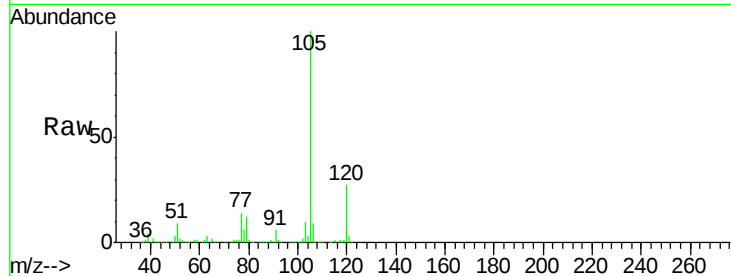
105 100

120 27.0 13.6 40.7

Manual Integrations
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3/1/2019 10:04:02 AM



#74

N-ethyl acetate

Concen: 51.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion: 43 Resp: 344625

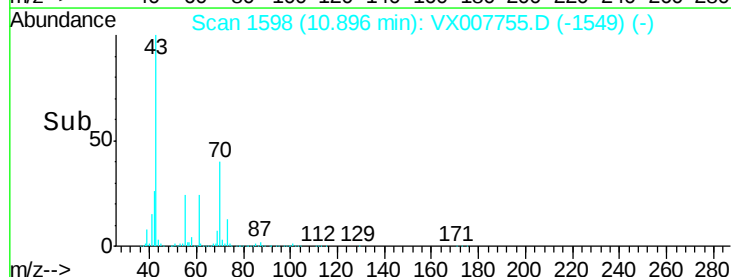
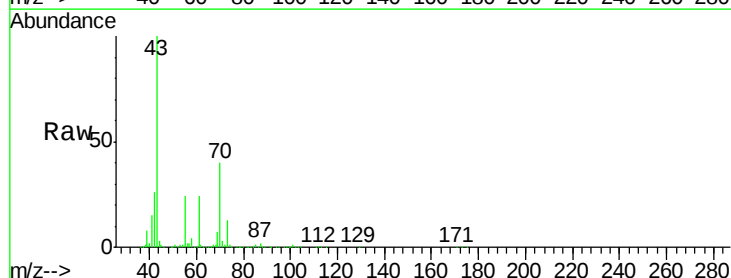
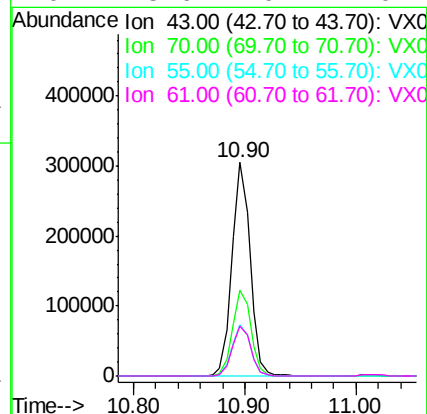
Ion Ratio Lower Upper

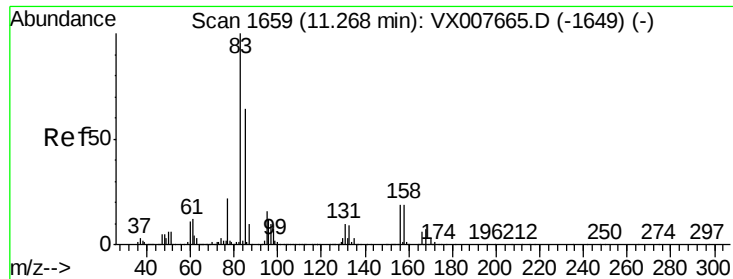
43 100

70 41.1 33.8 50.6

55 24.8 19.5 29.3

61 23.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.274 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

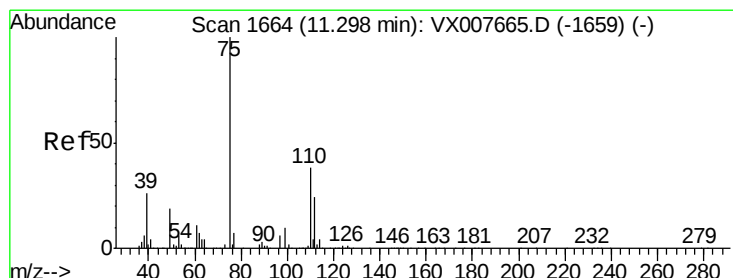
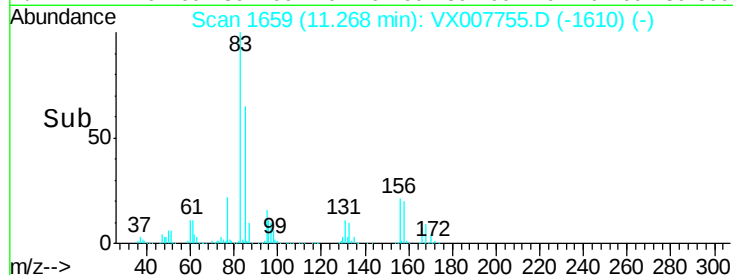
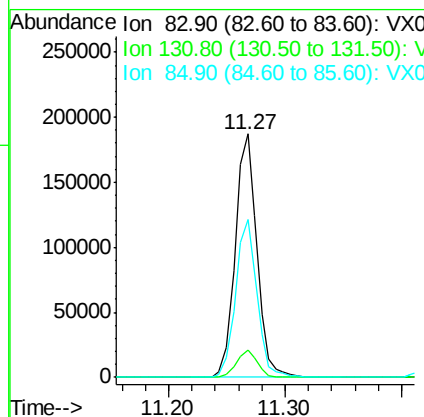
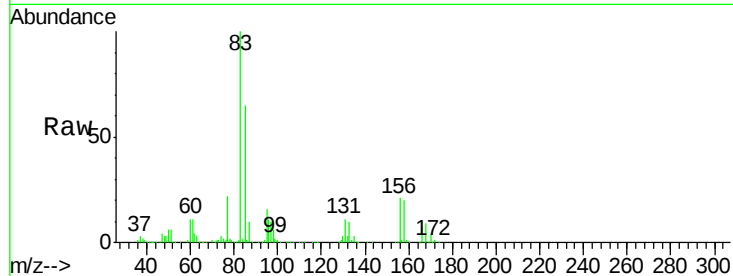
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	241738
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.4	32.8	98.3

Manual Integrations
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3/1/2019 10:04:02 AM



#76

1,2,3-Trichloropropane

Concen: 45.535 ug/l m

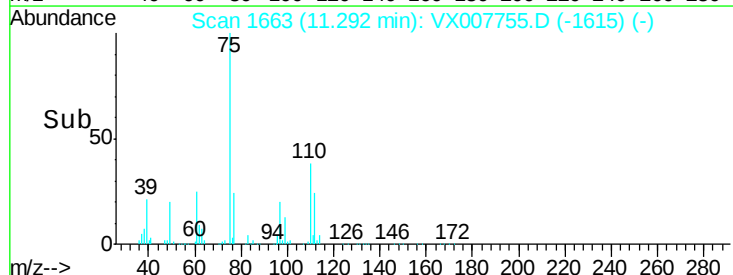
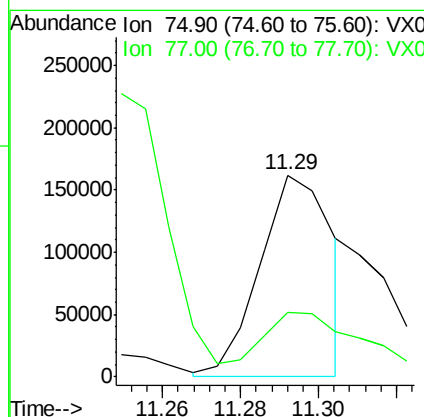
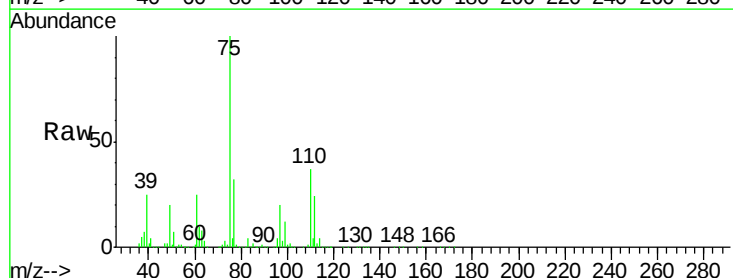
RT: 11.29 min Scan# 1663

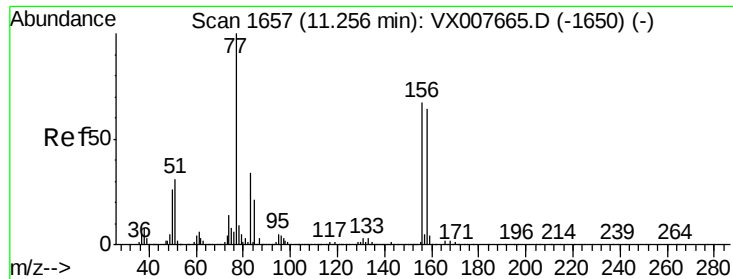
Delta R.T. -0.01 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	75	Resp:	209648
Ion Ratio	Lower	Upper	
75	100		
77	45.5	23.0	69.0





#77

Bromobenzene

Concen: 53.609 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

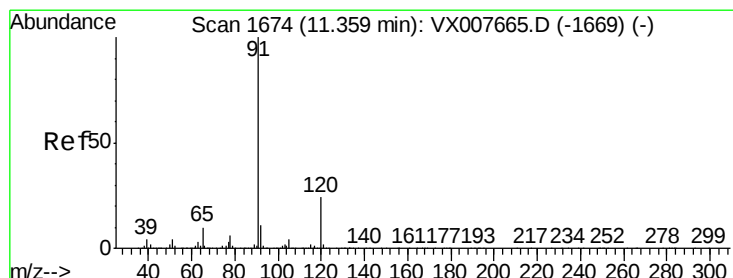
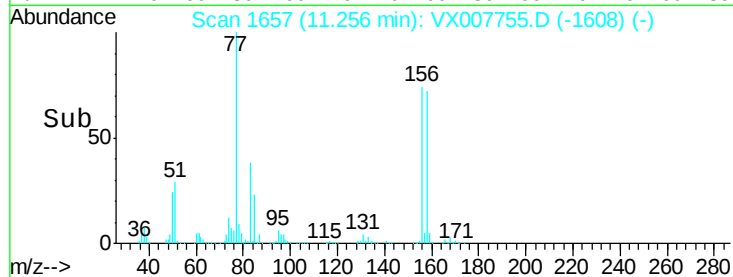
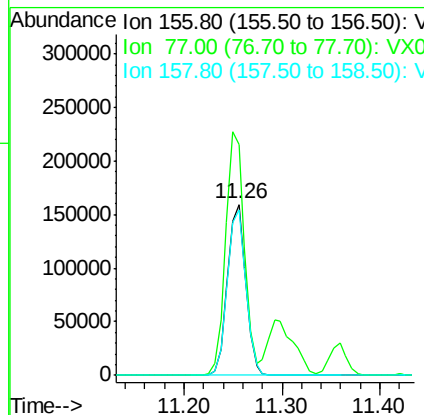
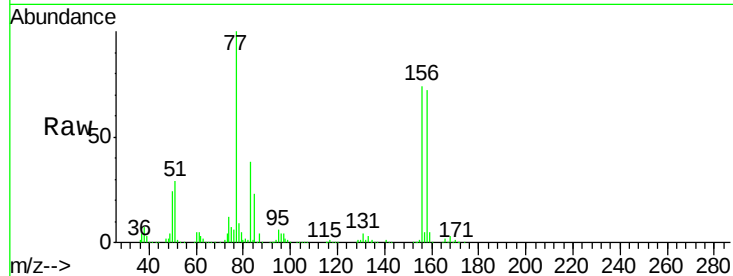
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	207578
Ion Ratio	Lower	Upper	
156	100		
77	144.8	66.8	200.6
158	97.9	47.9	143.8

Manual Integrations
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3/1/2019 10:04:02 AM



#78

n-propylbenzene

Concen: 52.721 ug/l

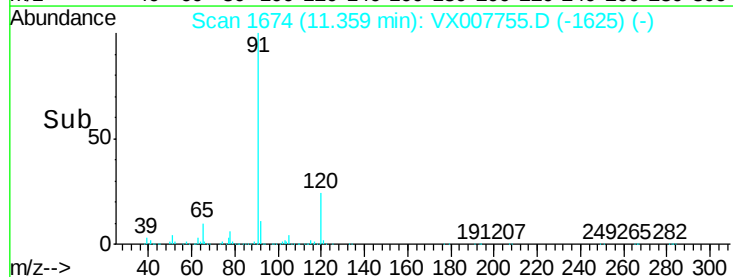
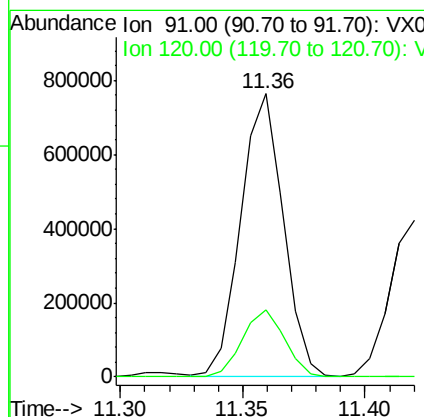
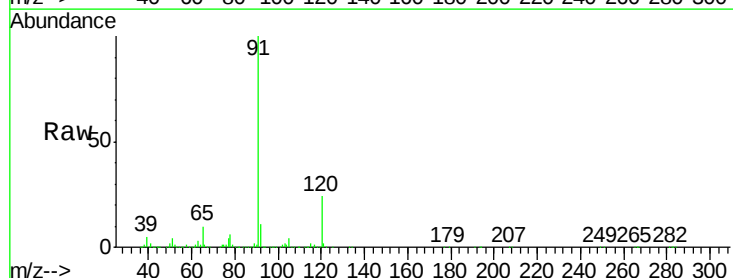
RT: 11.36 min Scan# 1674

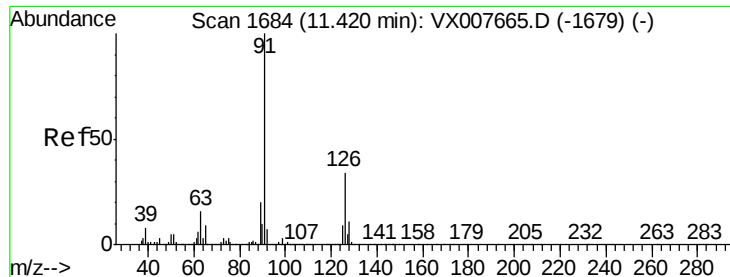
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	91	Resp:	919708
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 50.131 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 526572

Ion Ratio Lower Upper

91 100

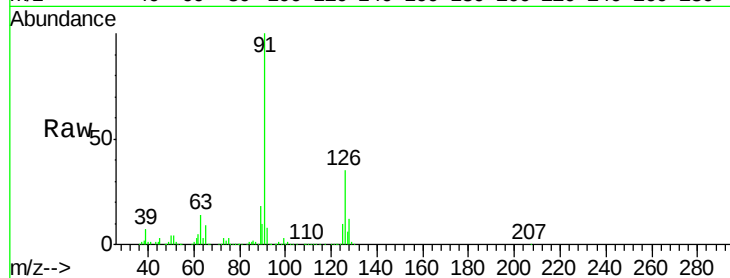
126 35.4 18.7 56.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)

800000

600000

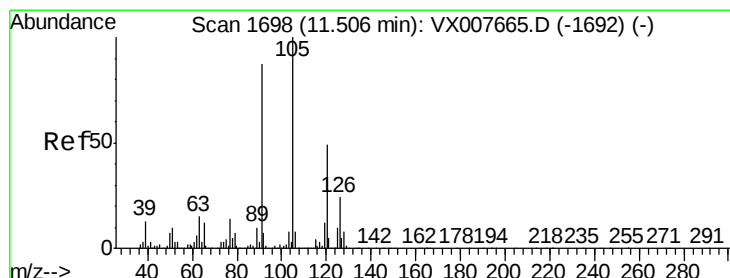
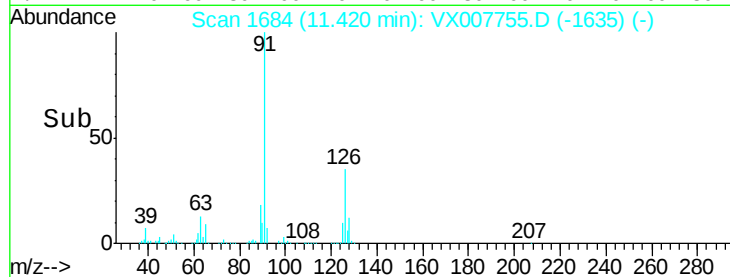
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.522 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007755.D

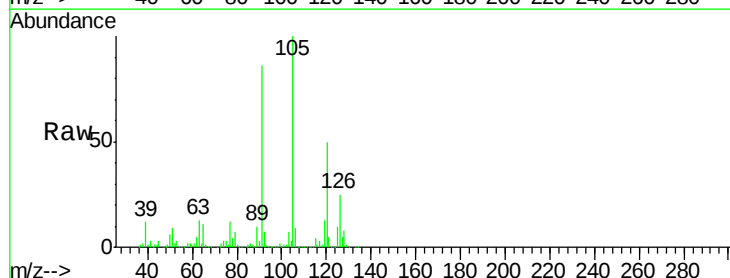
Acq: 28 Feb 2019 09:50

Tgt Ion: 105 Resp: 666942

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)

600000

500000

400000

300000

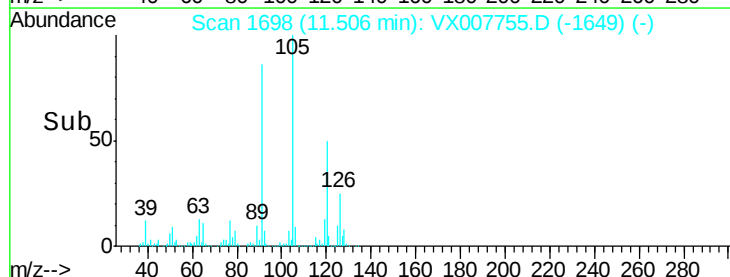
200000

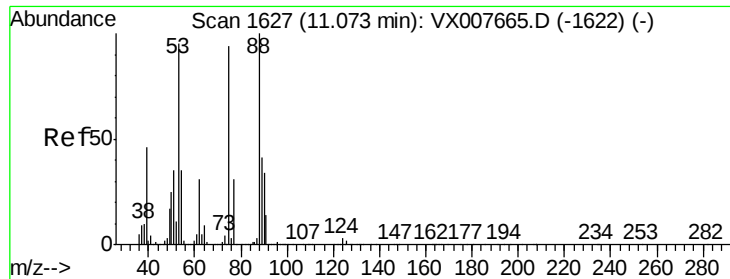
100000

0

11.40 11.50 11.60

Time-->





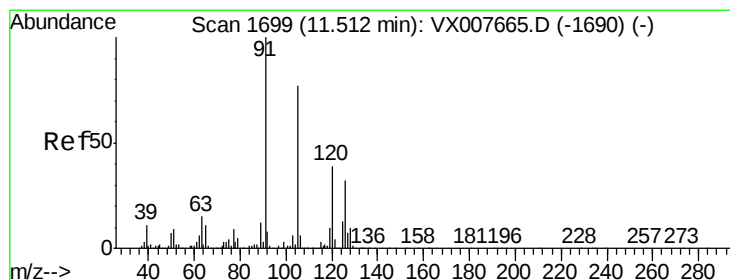
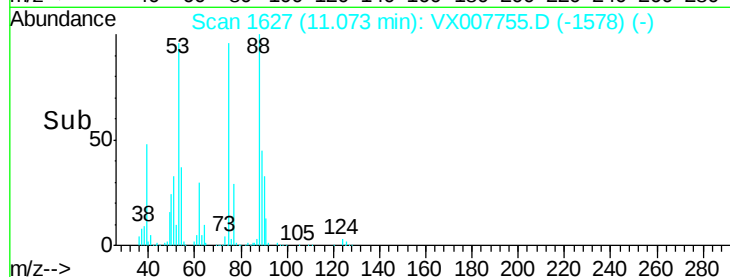
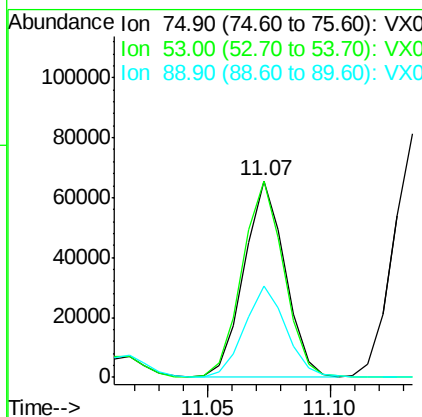
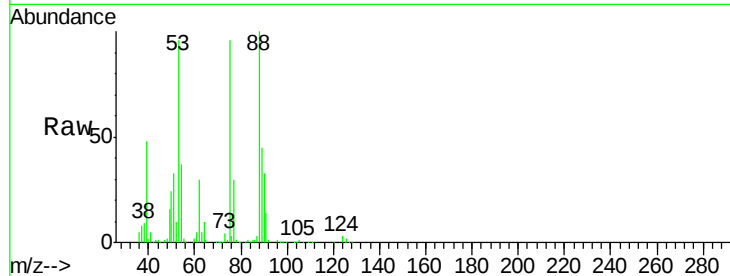
#81
trans-1,4-Dichloro-2-butene
Concen: 44.744 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	81.0	121.6
89	47.4	41.4	62.0

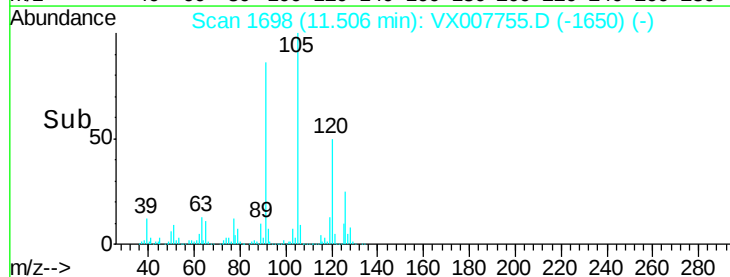
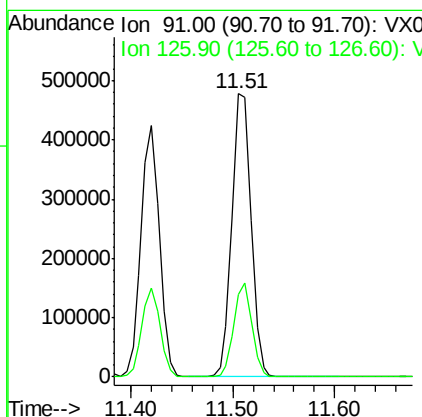
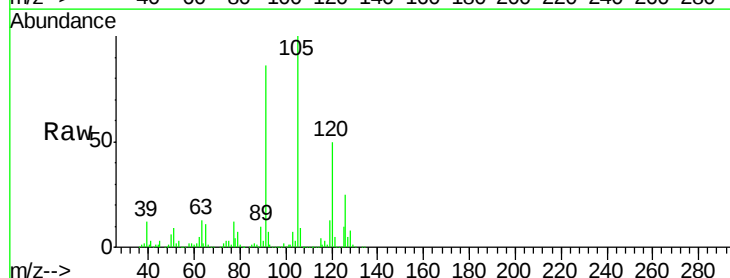
Manual Integrations
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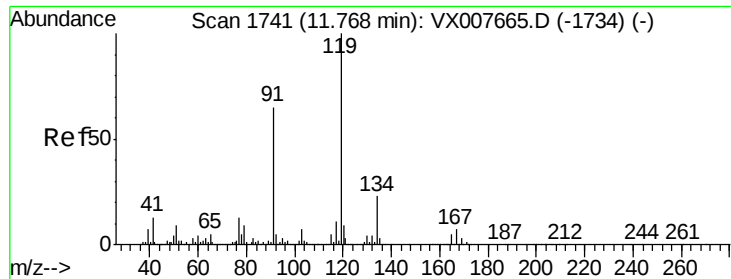
MMDadoda
3/1/2019 10:04:02 AM



#82
4-Chlorotoluene
Concen: 50.342 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 52.859 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

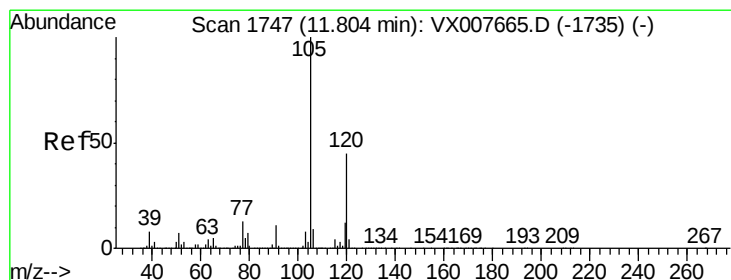
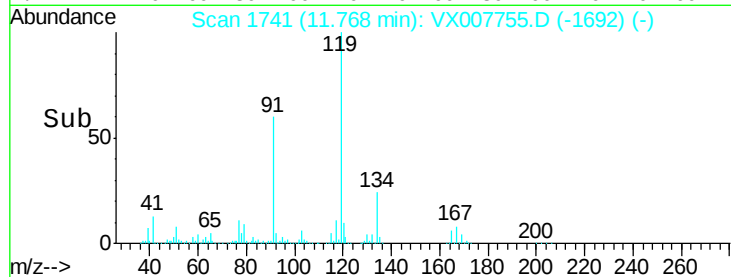
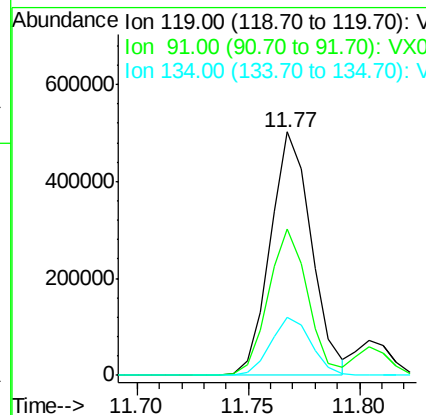
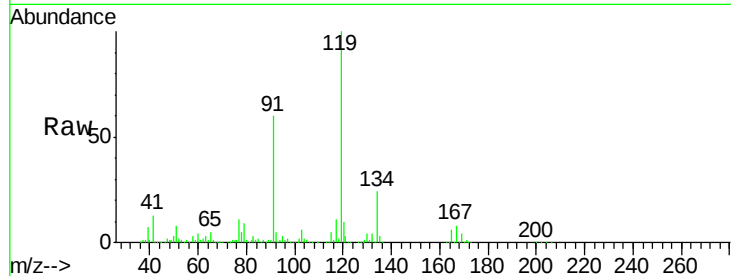
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	644471
Ion Ratio	Lower	Upper	
119	100		
91	57.4	28.5	85.6
134	23.5	12.0	36.0

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3/1/2019 10:04:02 AM



#84

1,2,4-Trimethylbenzene

Concen: 51.820 ug/l

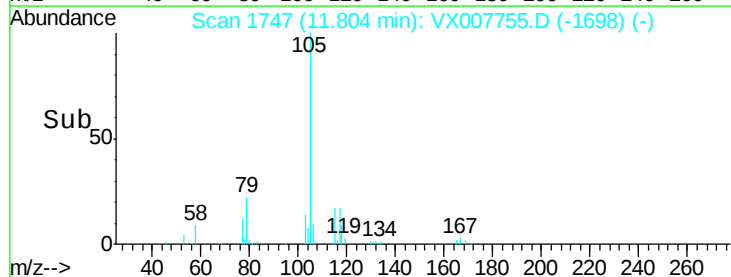
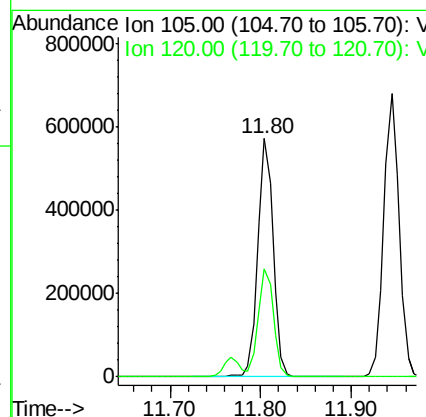
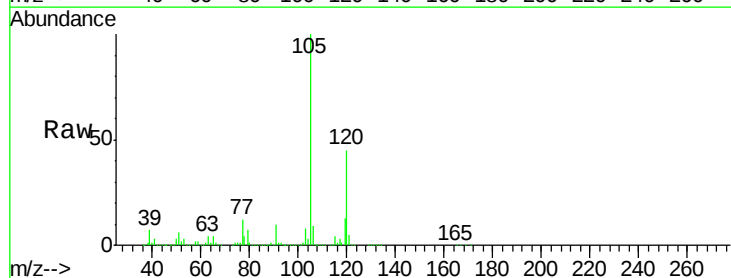
RT: 11.80 min Scan# 1747

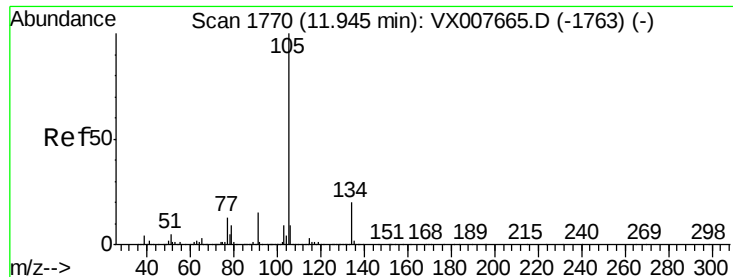
Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	105	Resp:	673100
Ion Ratio	Lower	Upper	
105	100		
120	45.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 52.564 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 803073

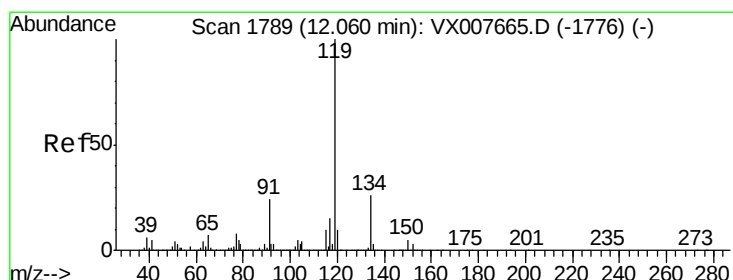
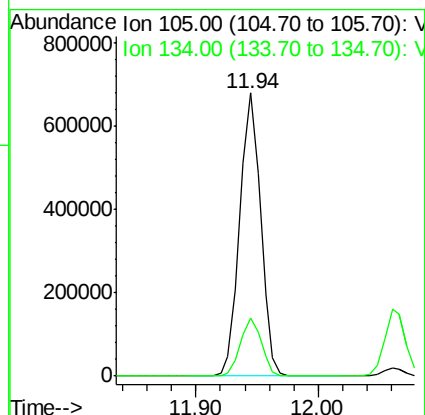
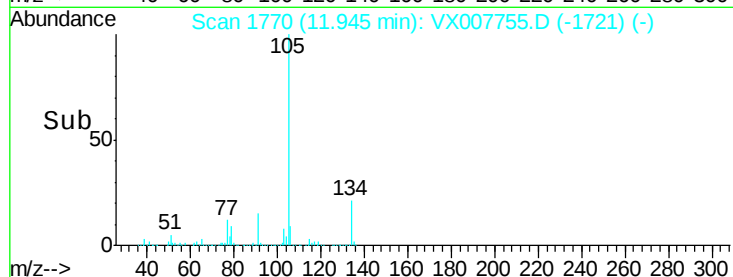
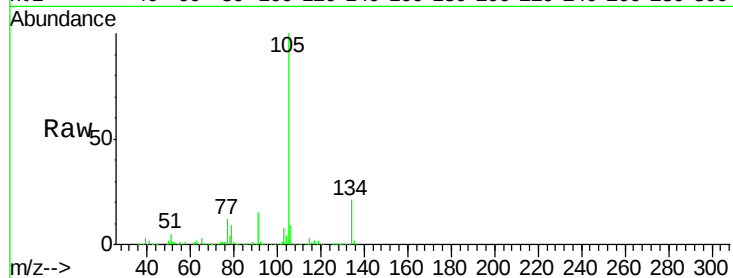
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.265 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

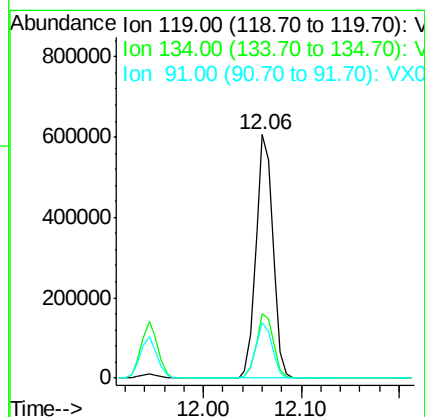
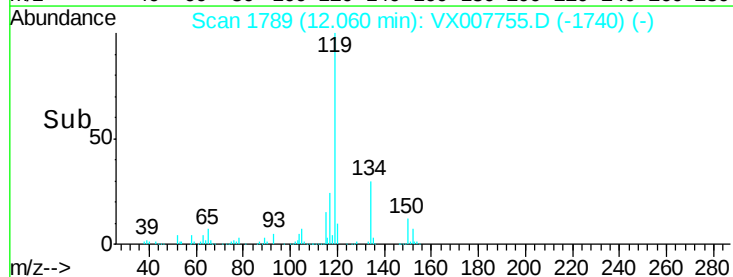
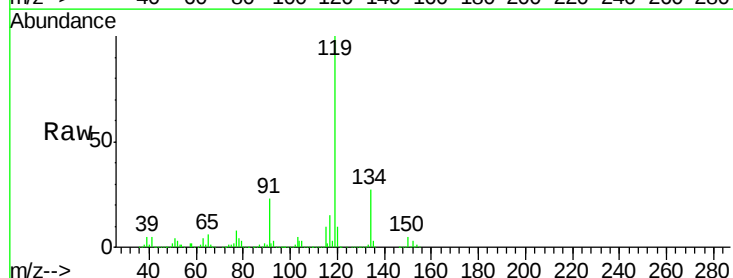
Tgt Ion:119 Resp: 726071

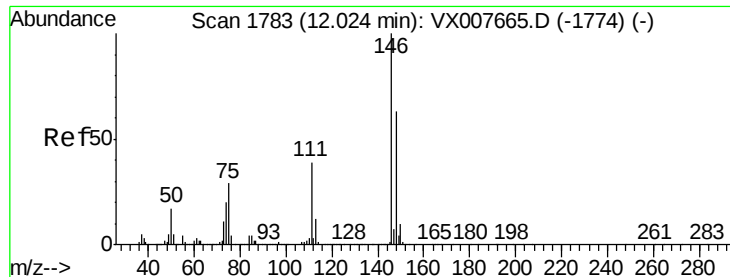
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.3 11.2 33.5





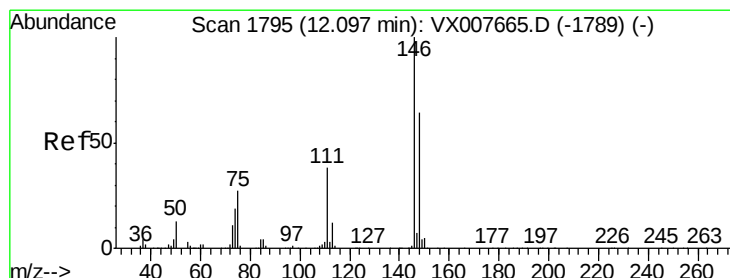
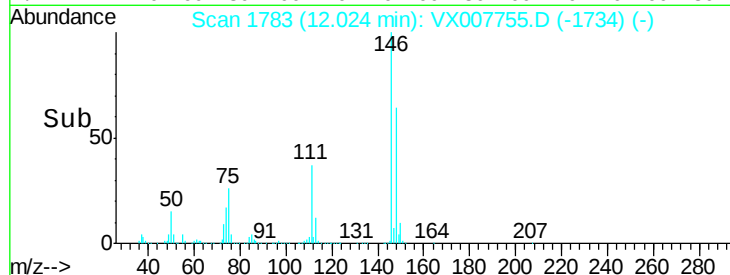
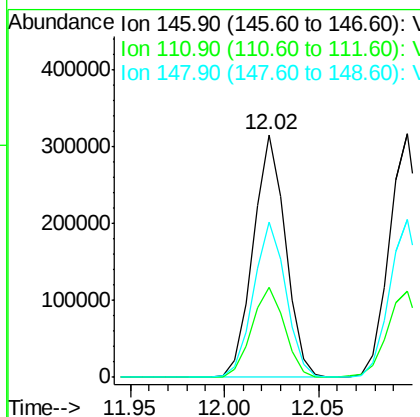
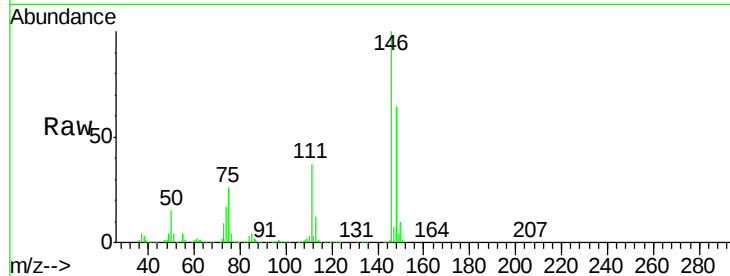
#87
 1,3-Dichlorobenzene
 Concen: 52.306 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	375680		
111	37.8	18.1	54.1	
148	64.1	32.0	96.2	

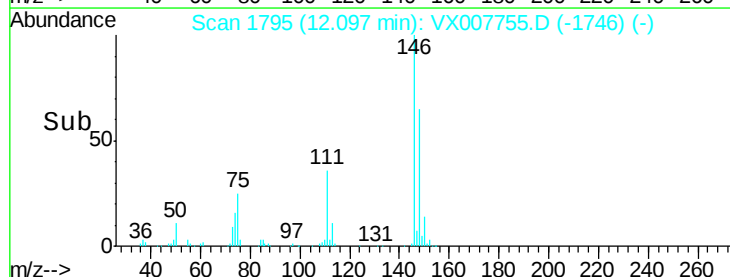
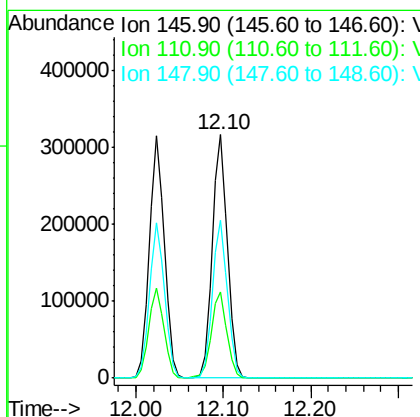
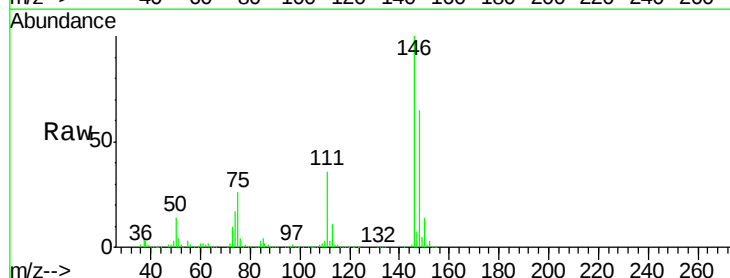
Manual Integrations
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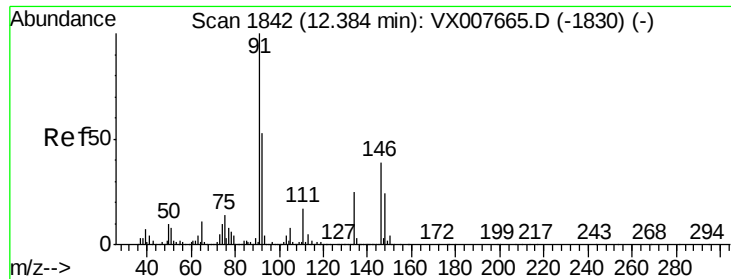
MMDadoda
 3/1/2019 10:04:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.731 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	380520		
111	36.3	18.1	54.1	
148	64.1	32.3	96.9	





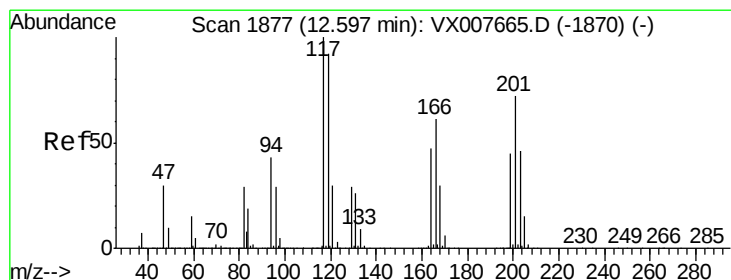
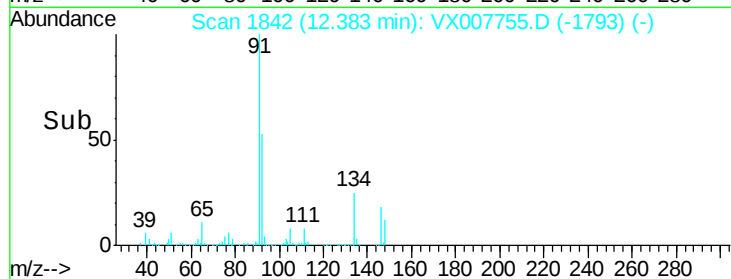
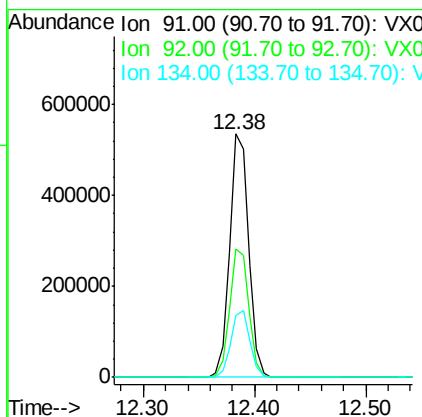
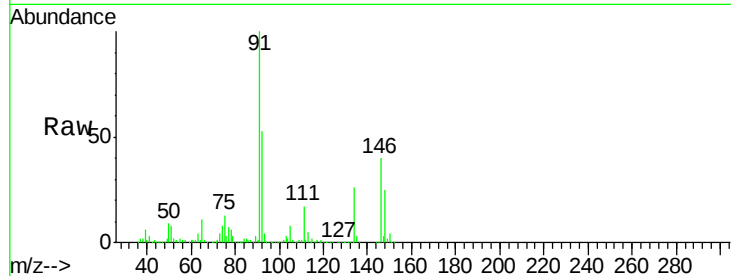
#89
n-Butylbenzene
Concen: 52.618 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	27.5	13.9	41.6

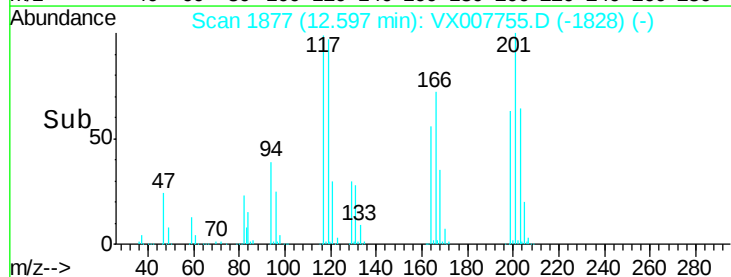
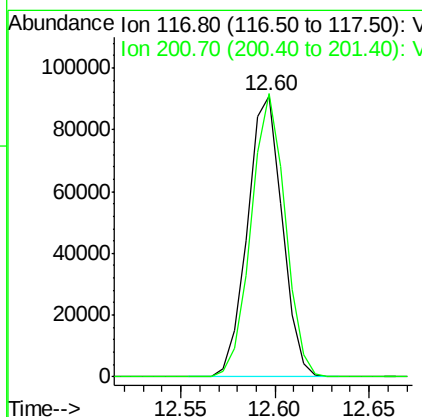
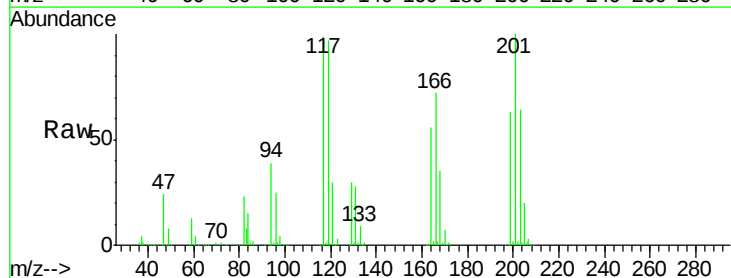
Manual Integrations
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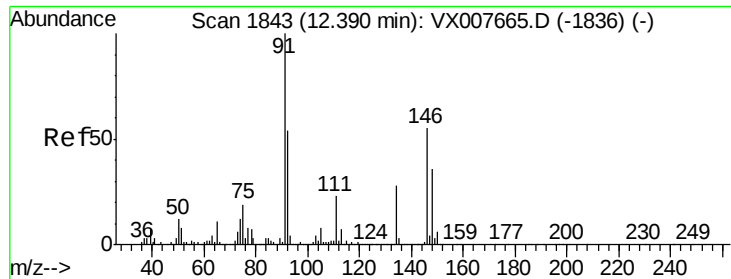
MMDadoda
3/1/2019 10:04:02 AM



#90
Hexachloroethane
Concen: 51.817 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007755.D
Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	44.9	134.7





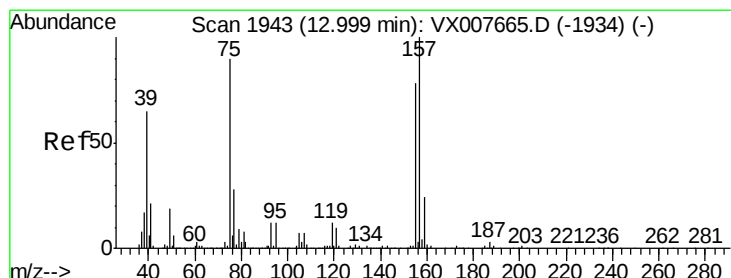
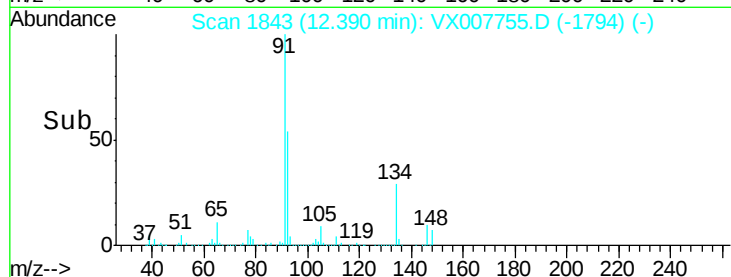
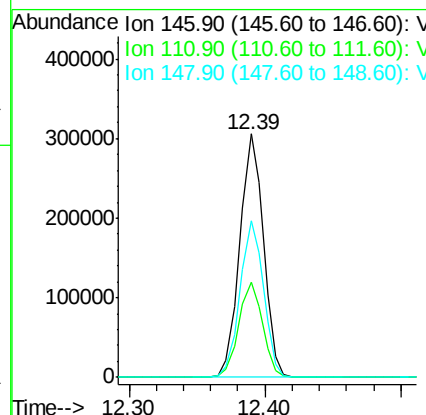
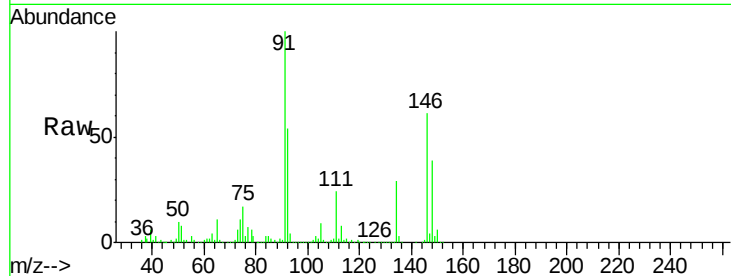
#91
 1,2-Dichlorobenzene
 Concen: 51.637 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	371081		
111	39.2	19.1	57.3	
148	64.1	32.1	96.3	

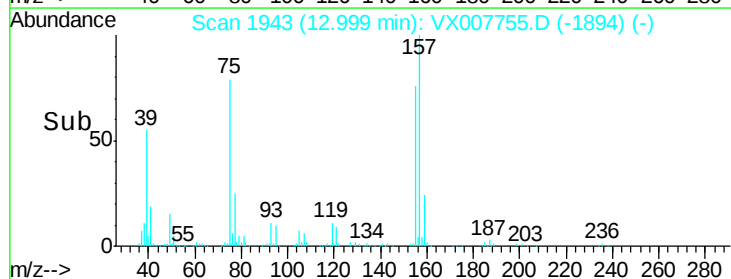
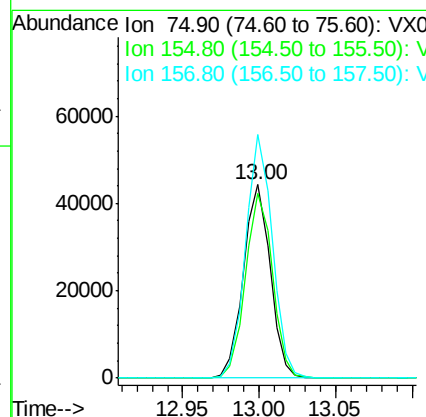
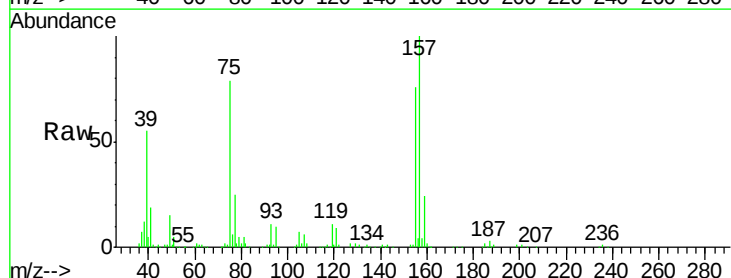
Manual Integrations
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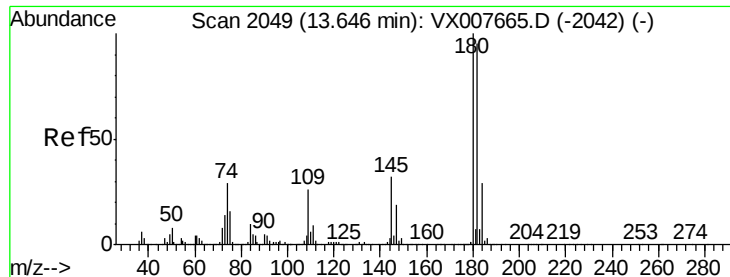
MMDadoda
 3/1/2019 10:04:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.399 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53980		
155	95.9	49.6	149.0	
157	124.8	65.1	195.3	





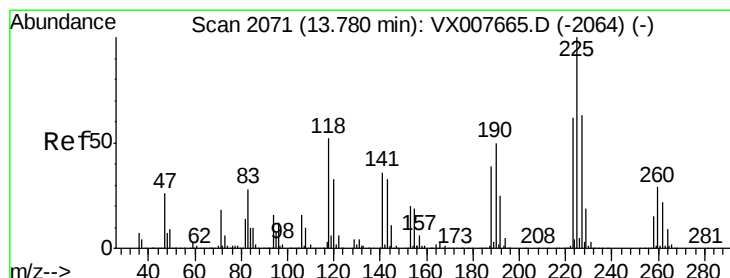
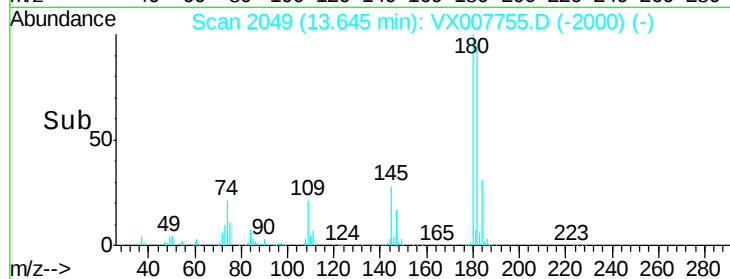
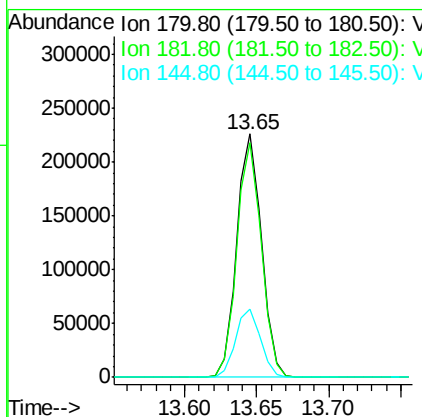
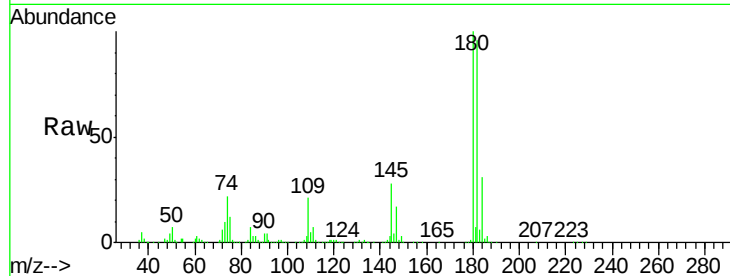
#93
 1,2,4-Trichlorobenzene
 Concen: 61.778 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	271001		
182	95.9	47.8	143.3	
145	28.3	14.1	42.2	

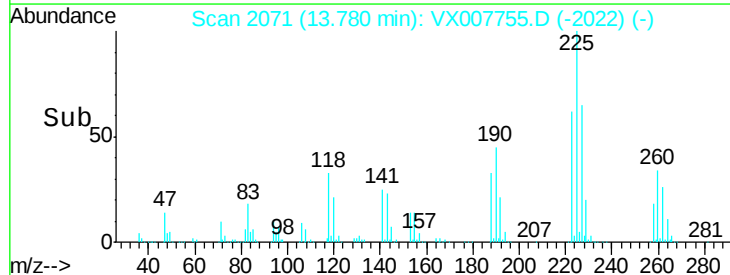
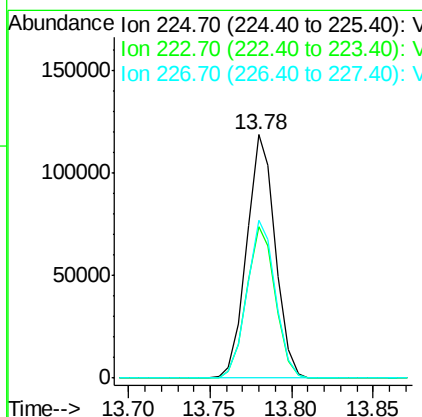
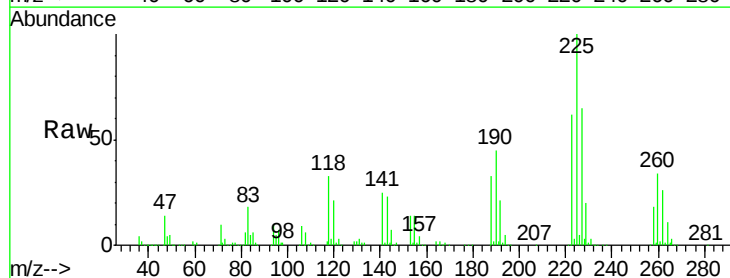
Manual Integrations
 APPROVED

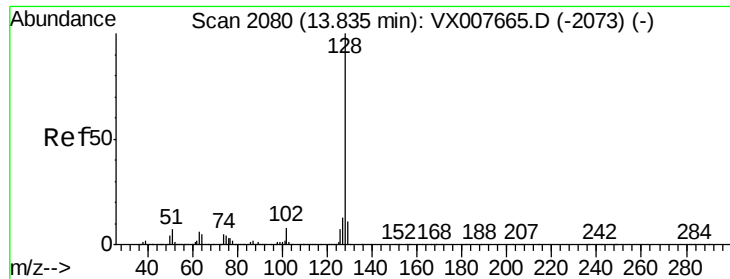
MMDadoda
 3/1/2019 10:04:02 AM



#94
 Hexachlorobutadiene
 Concen: 71.822 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007755.D
 Acq: 28 Feb 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144129		
223	62.9	31.6	94.8	
227	64.7	32.1	96.3	





#95

Naphthalene

Concen: 54.580 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Instrument :

MSVOA_X

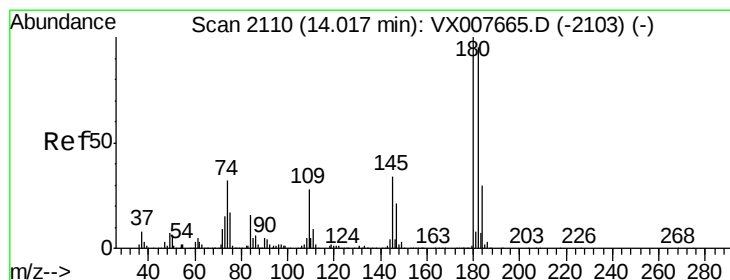
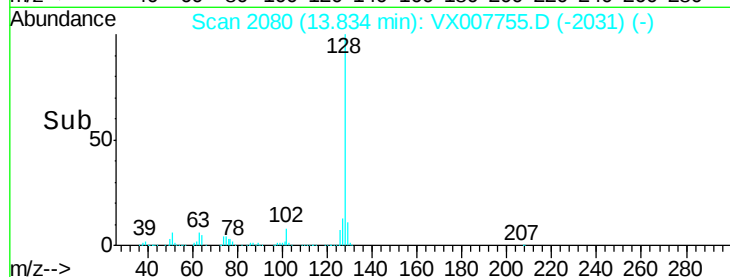
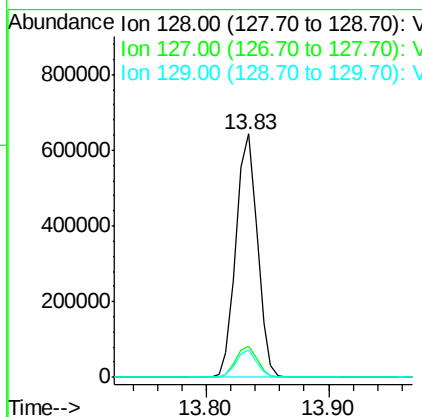
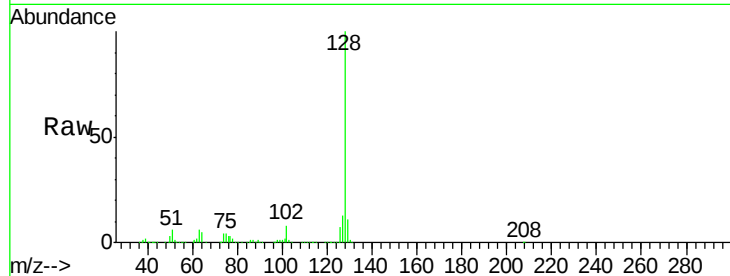
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	775699
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
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MMDadoda
3/1/2019 10:04:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 60.697 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007755.D

Acq: 28 Feb 2019 09:50

Tgt Ion:	180	Resp:	267347
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.6
145	29.9	14.9	44.5

