

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007708.D
 Acq On : 26 Feb 2019 10:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 2/26/2019 3:05:22 PM

Quant Time: Feb 26 14:15:57 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	335238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	531280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195522	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	171531	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	659477	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.13	95	237430	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	155573	50.377	ug/l	96
3) Chloromethane	1.33	50	163956	47.910	ug/l	100
4) Vinyl Chloride	1.41	62	170306	48.507	ug/l	100
5) Bromomethane	1.64	94	111275	50.327	ug/l	98
6) Chloroethane	1.72	64	111923	49.896	ug/l	97
7) Trichlorofluoromethane	1.93	101	263973	49.044	ug/l	98
8) Diethyl Ether	2.19	74	104805	47.446	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150745	46.338	ug/l	93
10) Methyl Iodide	2.51	142	216409	53.424	ug/l	97
11) Tert butyl alcohol	3.07	59	192528	244.362	ug/l	98
12) 1,1-Dichloroethene	2.37	96	143917	49.078	ug/l	94
13) Acrolein	2.30	56	46029	65.744	ug/l	96
14) Allyl chloride	2.73	41	246970	45.549	ug/l	97
15) Acrylonitrile	3.15	53	454089	244.908	ug/l	99
16) Acetone	2.45	43	410035	222.044	ug/l	100
17) Carbon Disulfide	2.57	76	405818	49.744	ug/l	99
18) Methyl Acetate	2.78	43	207886	51.590	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	500668	49.029	ug/l	100
20) Methylene Chloride	2.85	84	163324	47.898	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	155442	48.760	ug/l	94
22) Diisopropyl ether	3.87	45	543245	48.129	ug/l	96
23) Vinyl Acetate	3.82	43	2319034	234.178	ug/l	99
24) 1,1-Dichloroethane	3.70	63	297025	48.420	ug/l	99
25) 2-Butanone	4.70	43	668936	237.810	ug/l	100
26) 2,2-Dichloropropane	4.58	77	130703	26.692	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	194022	47.832	ug/l	96
28) Bromochloromethane	5.02	49	139608	46.749	ug/l	94
29) Tetrahydrofuran	5.15	42	443908	239.408	ug/l	99
30) Chloroform	5.21	83	315853	48.068	ug/l	98
31) Cyclohexane	5.57	56	272927	47.299	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	269090	49.517	ug/l	98
36) 1,1-Dichloropropene	5.80	75	232139	48.601	ug/l	99
37) Ethyl Acetate	4.85	43	254977	48.056	ug/l	99
38) Carbon Tetrachloride	5.78	117	239070	49.828	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284089	47.061	ug/l	96
40) Benzene	6.14	78	724074	49.108	ug/l	99
41) Methacrylonitrile	5.06	41	140961	49.753	ug/l	99
42) 1,2-Dichloroethane	6.20	62	239369	48.301	ug/l	99
43) Isopropyl Acetate	6.46	43	405359	49.640	ug/l	100
44) Trichloroethene	7.21	130	197878	48.786	ug/l	99
45) 1,2-Dichloropropane	7.51	63	183844	48.134	ug/l	100
46) Dibromomethane	7.66	93	126904	47.626	ug/l	93
47) Bromodichloromethane	7.90	83	232338	50.316	ug/l	99
48) Methyl methacrylate	7.77	41	208158	48.630	ug/l	99
49) 1,4-Dioxane	7.75	88	89711	970.371	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1358756	248.579	ug/l	100
52) Toluene	8.78	92	466288	50.151	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	235721	41.563	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	260126	46.421	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	190989	49.260	ug/l	99
56) Ethyl methacrylate	9.18	69	280029	50.789	ug/l	100
57) 1,3-Dichloropropane	9.37	76	305293	49.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	736593	242.263	ug/l	99
59) 2-Hexanone	9.49	43	1034778	241.130	ug/l	99
60) Dibromochloromethane	9.58	129	197585	52.962	ug/l	99
61) 1,2-Dibromoethane	9.67	107	204469	50.794	ug/l	99
64) Tetrachloroethene	9.34	164	203695	50.944	ug/l	96
65) Chlorobenzene	10.14	112	518694	48.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	187412	50.437	ug/l	98
67) Ethyl Benzene	10.25	91	887947	50.320	ug/l	100
68) m/p-Xylenes	10.36	106	688347	100.271	ug/l	99
69) o-Xylene	10.69	106	332578	50.366	ug/l	97
70) Styrene	10.71	104	547656	50.458	ug/l	99
71) Bromoform	10.86	173	138668	49.767	ug/l	99
73) Isopropylbenzene	11.02	105	895675	50.911	ug/l	99
74) N-amyl acetate	10.90	43	377456	49.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	282741	46.466	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	233738m	44.548	ug/l	
77) Bromobenzene	11.26	156	225557	51.115	ug/l	93
78) n-propylbenzene	11.36	91	1034417	52.032	ug/l	98
79) 2-Chlorotoluene	11.42	91	599481	50.080	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	737021	50.930	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	71385	37.273	ug/l	94
82) 4-Chlorotoluene	11.51	91	703431	50.233	ug/l	97
83) tert-Butylbenzene	11.77	119	707608	50.927	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	762804	51.532	ug/l	98
85) sec-Butylbenzene	11.94	105	903437	51.888	ug/l	98
86) p-Isopropyltoluene	12.06	119	789182	51.756	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	406151	49.621	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	412541	49.213	ug/l	98
89) n-Butylbenzene	12.38	91	688355	50.620	ug/l	99
90) Hexachloroethane	12.60	117	131929	51.350	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	401138	48.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61276	46.218	ug/l	89

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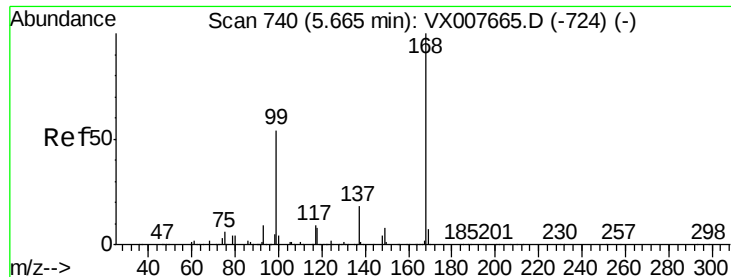
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	254009	50.811	ug/l	98
94) Hexachlorobutadiene	13.78	225	110388	48.269	ug/l	100
95) Naphthalene	13.83	128	861781	53.208	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259899	51.777	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 335238

Ion Ratio Lower Upper

168 100

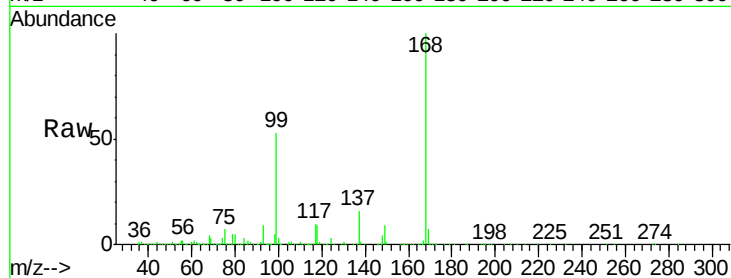
99 53.2 37.9 56.9

Manual Integrations

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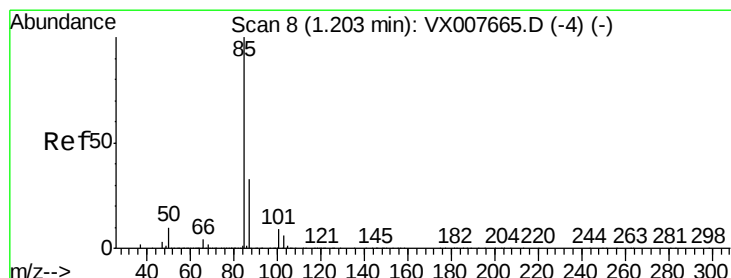
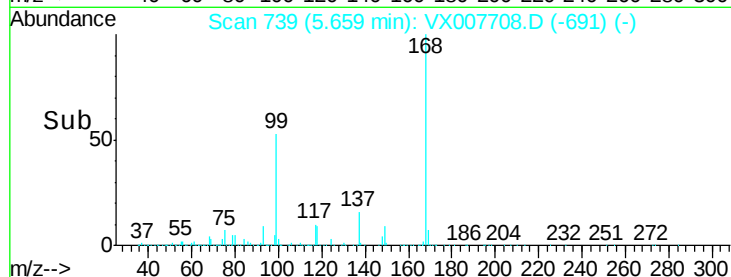
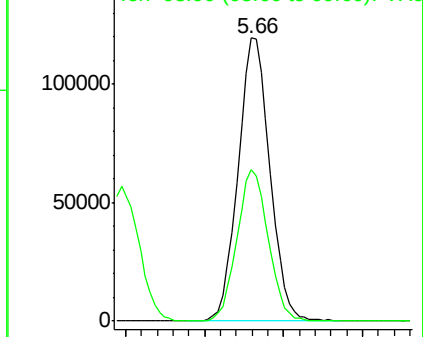
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.377 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007708.D

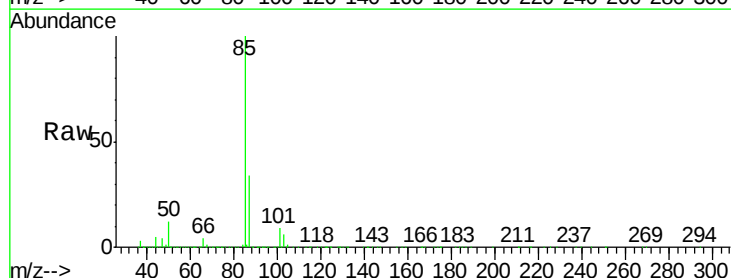
Acq: 26 Feb 2019 10:56

Tgt Ion: 85 Resp: 155573

Ion Ratio Lower Upper

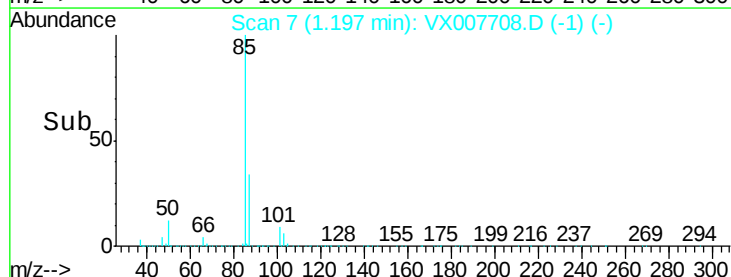
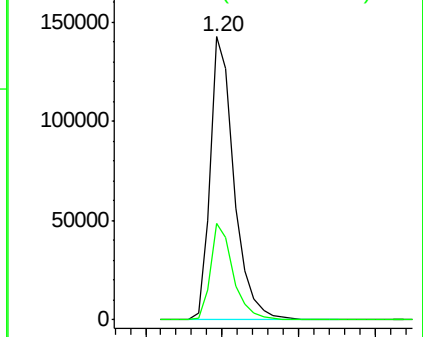
85 100

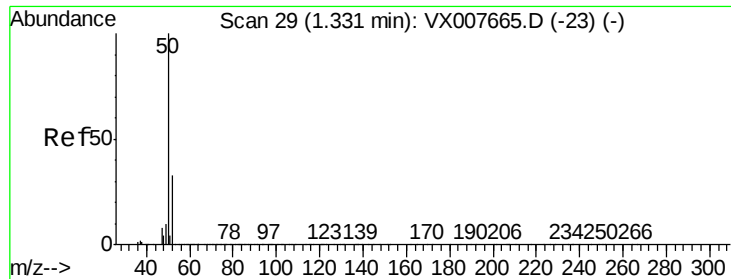
87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.910 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 163956

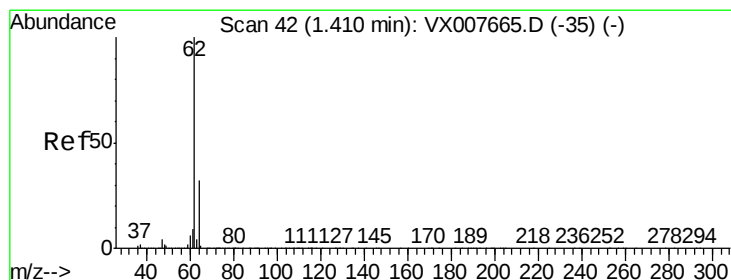
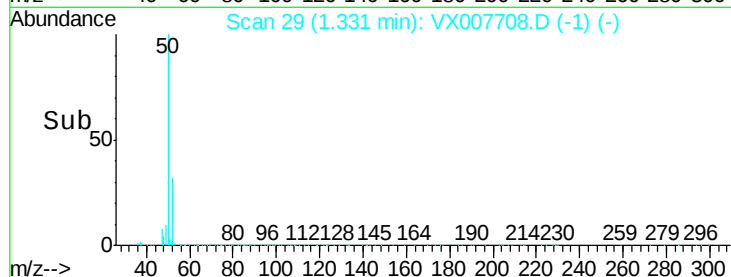
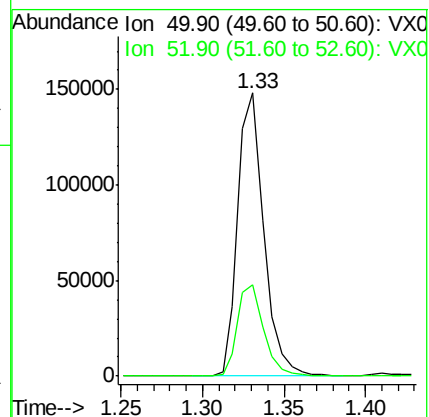
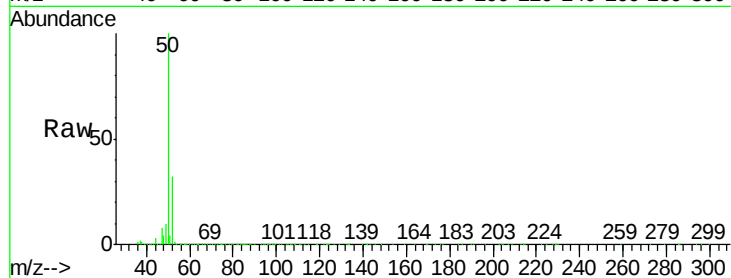
Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.507 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007708.D

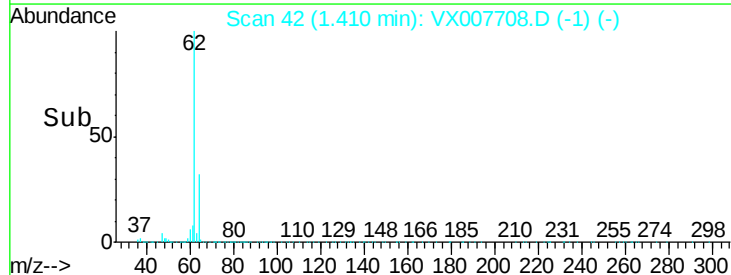
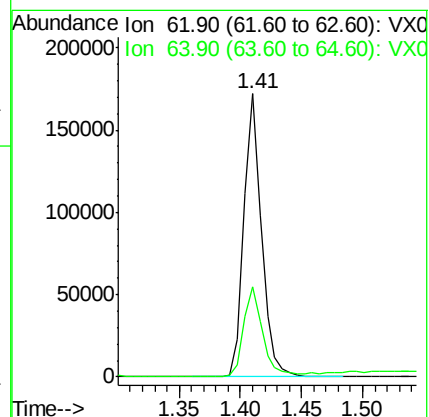
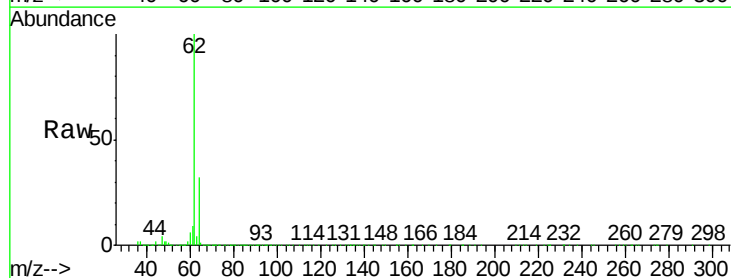
Acq: 26 Feb 2019 10:56

Tgt Ion: 62 Resp: 170306

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 50.327 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 111275

Ion Ratio Lower Upper

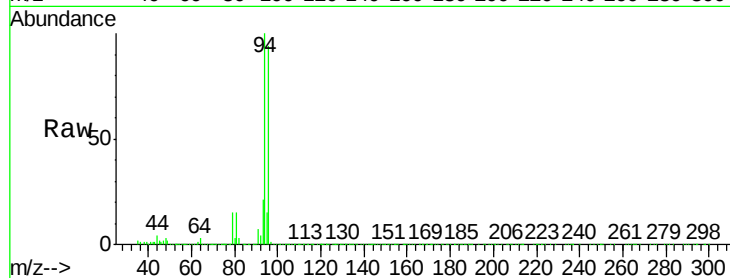
94 100

96 94.4 73.9 110.9

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

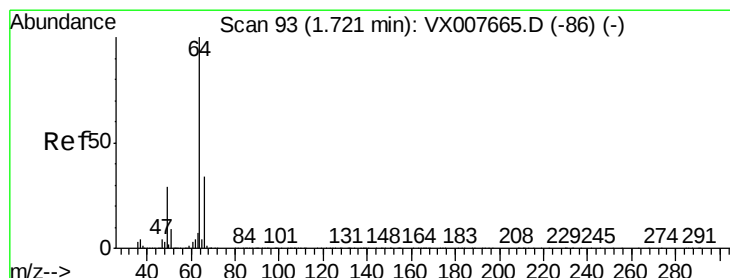
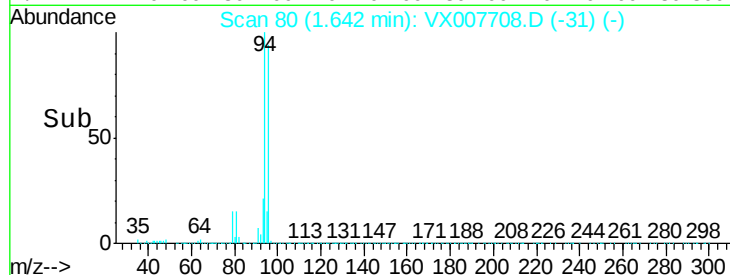
20000

0

1.64

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.896 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007708.D

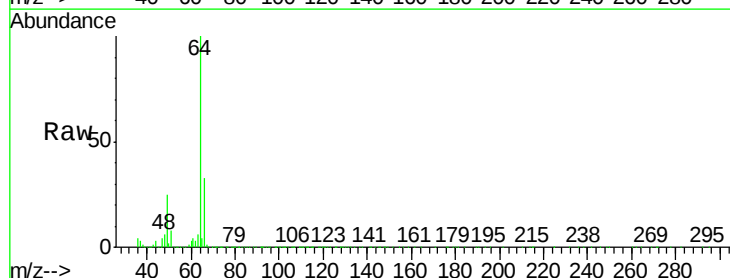
Acq: 26 Feb 2019 10:56

Tgt Ion: 64 Resp: 111923

Ion Ratio Lower Upper

64 100

66 33.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

40000

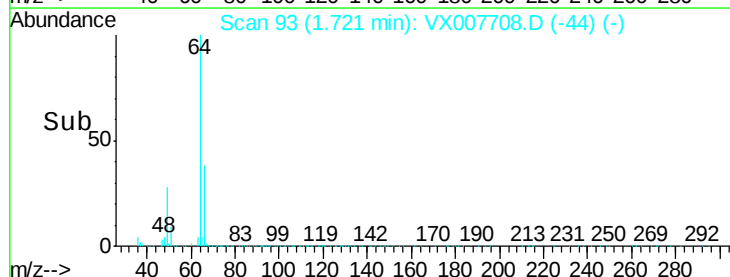
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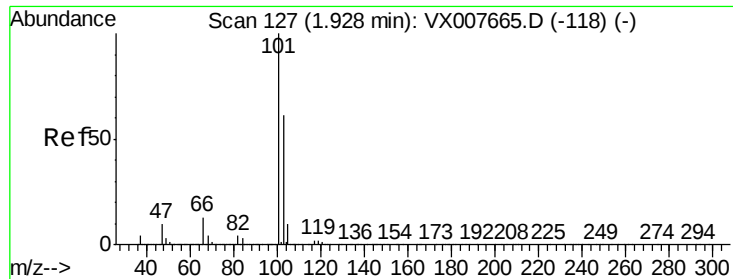
0

1.72

1.65 1.70 1.75 1.80

Time-->





#7

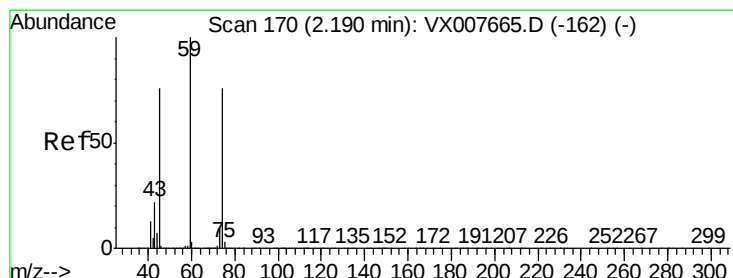
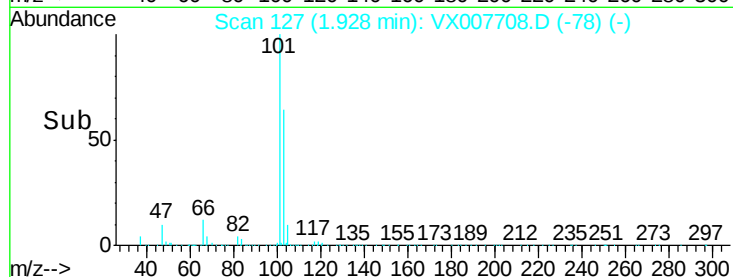
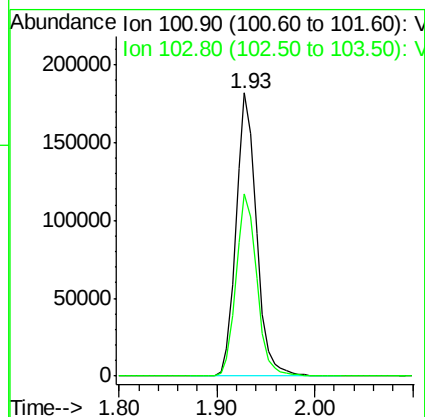
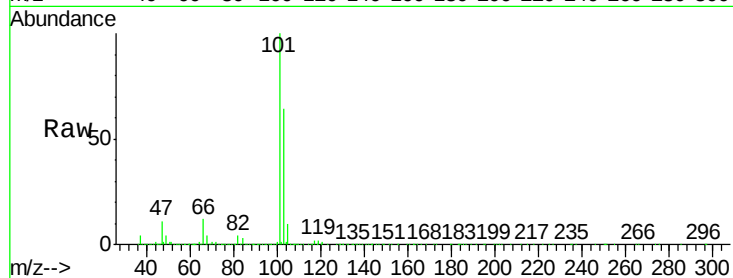
Trichlorofluoromethane
Concen: 49.044 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	79.0

Manual Integrations
APPROVED

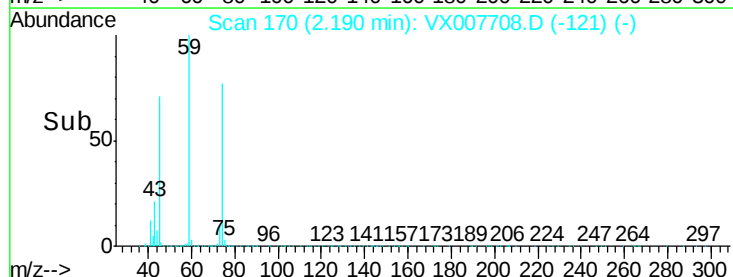
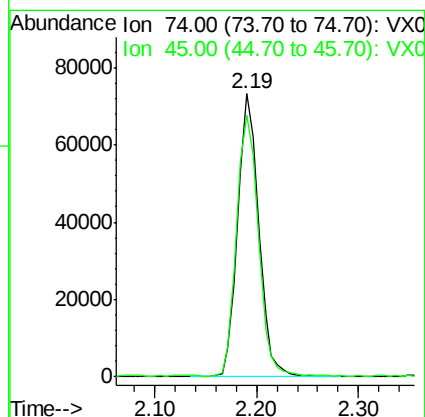
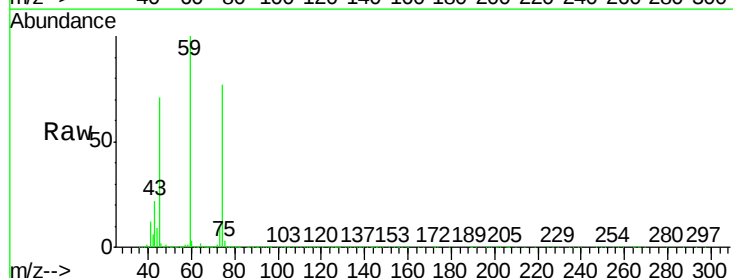
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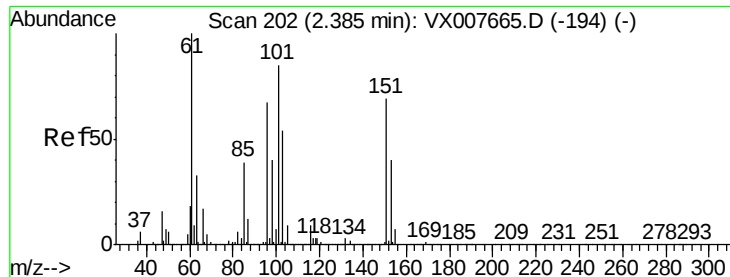


#8

Diethyl Ether
Concen: 47.446 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.338 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

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MSVOA_X

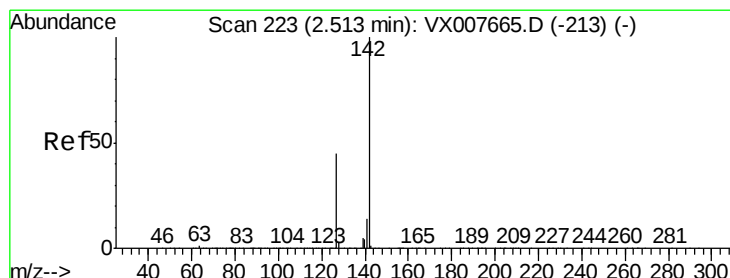
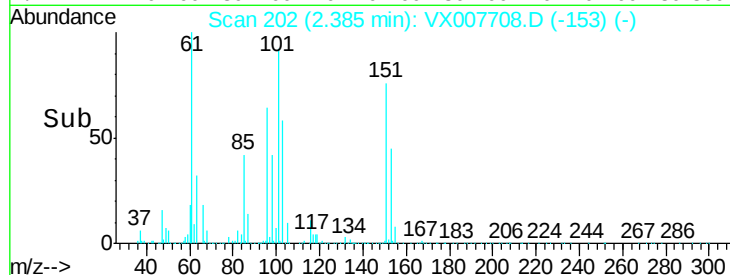
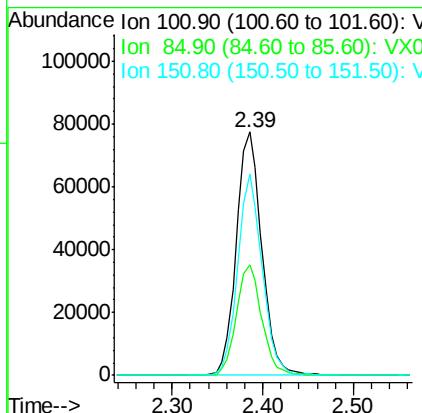
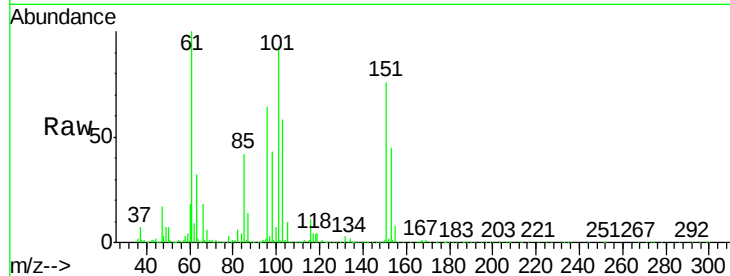
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	150745
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.1	51.1
151	79.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 53.424 ug/l

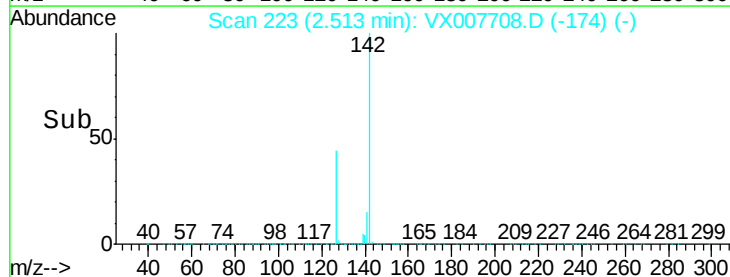
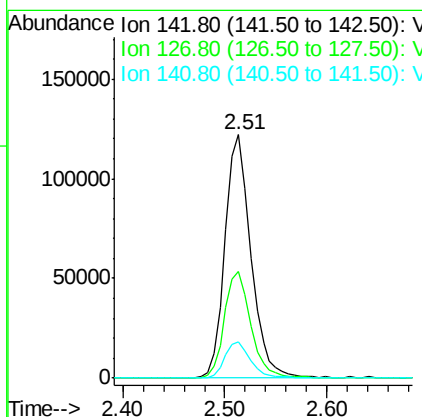
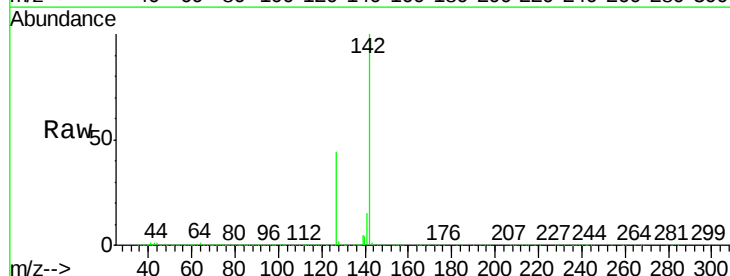
RT: 2.51 min Scan# 223

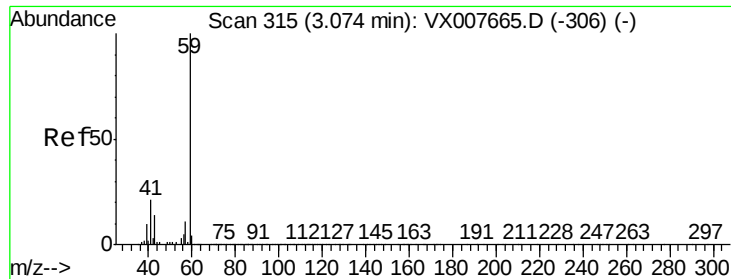
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	142	Resp:	216409
Ion Ratio	Lower	Upper	
142	100		
127	44.4	33.7	50.5
141	14.6	11.3	16.9





#11

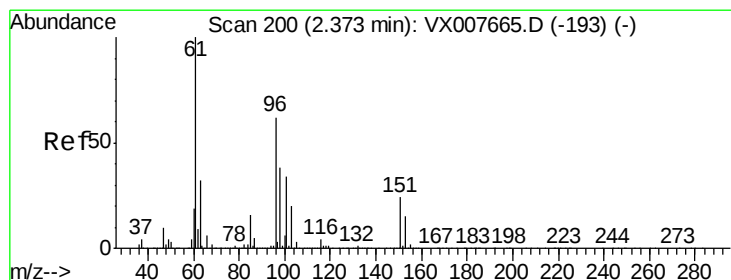
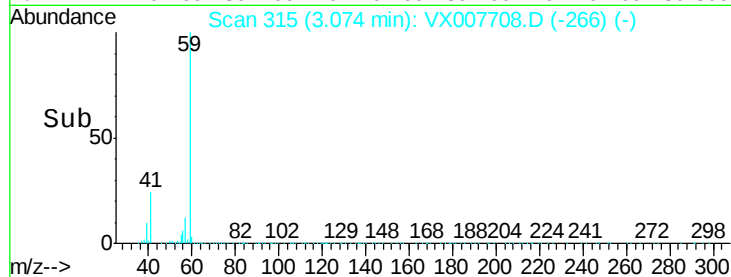
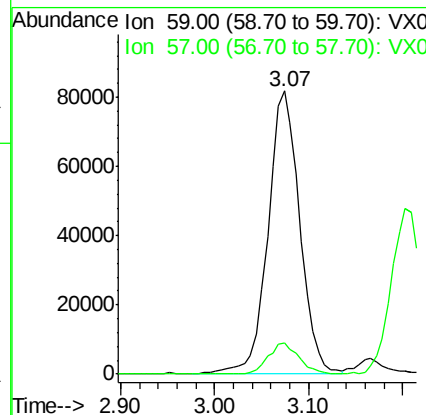
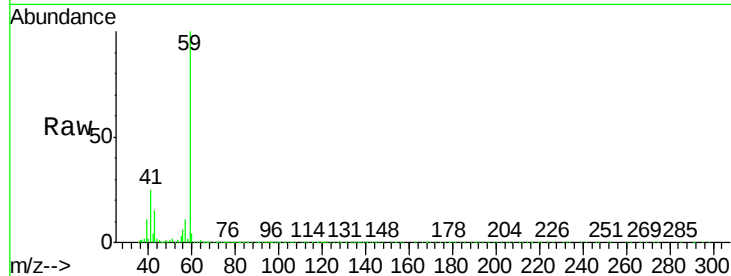
Tert butyl alcohol
 Concen: 244.362 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	192528		
57	10.9		8.1	12.1

Manual Integrations
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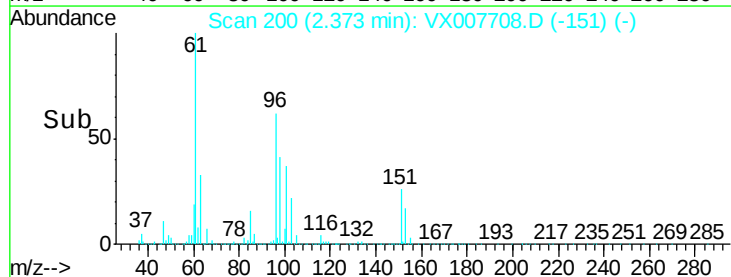
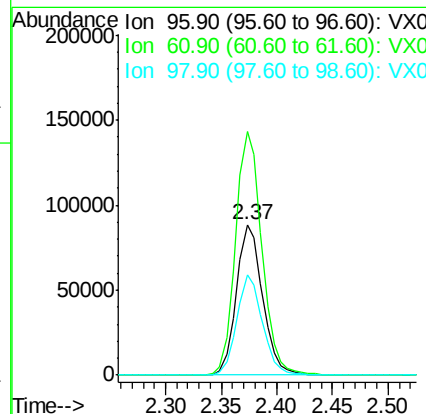
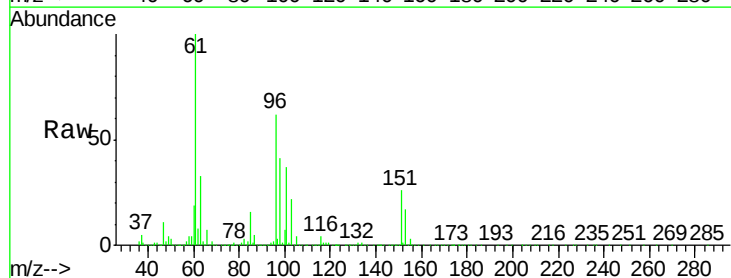
MMDadoda
 2/26/2019 3:05:22 PM

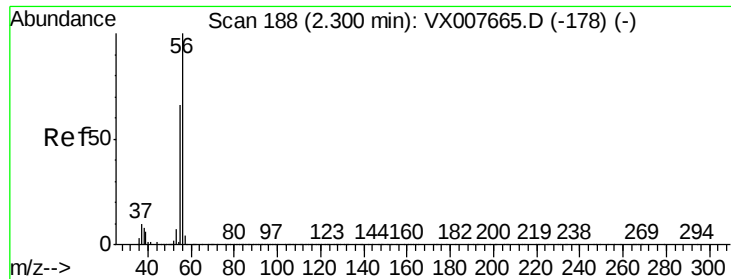


#12

1,1-Dichloroethene
 Concen: 49.078 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	143917		
61	161.7		123.0	184.4
98	66.6		50.9	76.3





#13

Acrolein

Concen: 65.744 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 46029

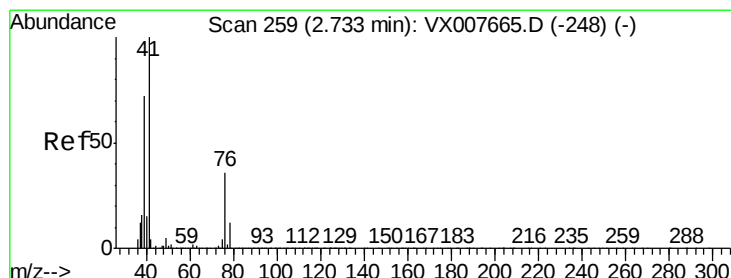
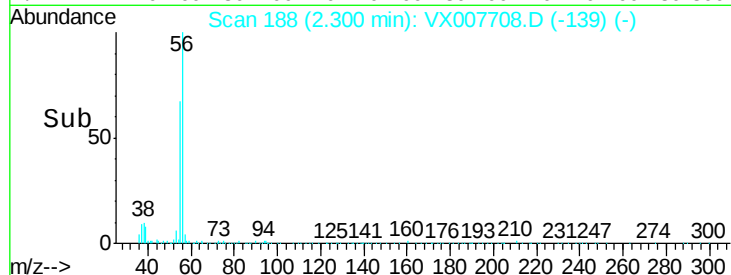
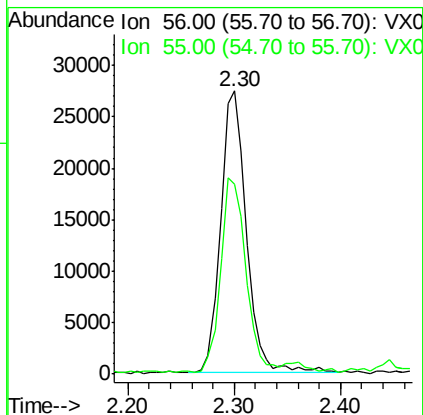
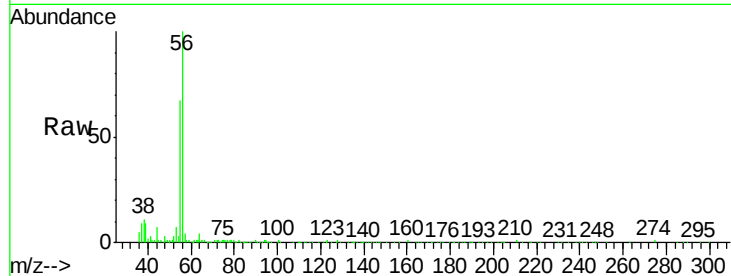
Ion Ratio Lower Upper

56 100

55 68.0 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 45.549 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

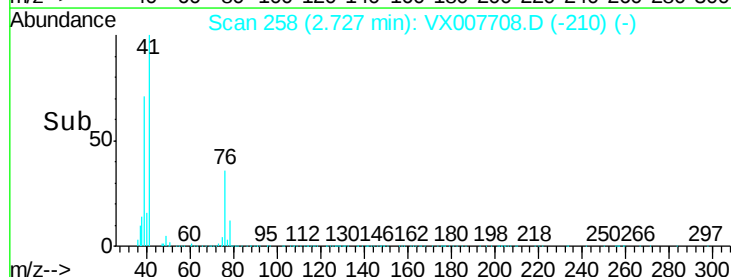
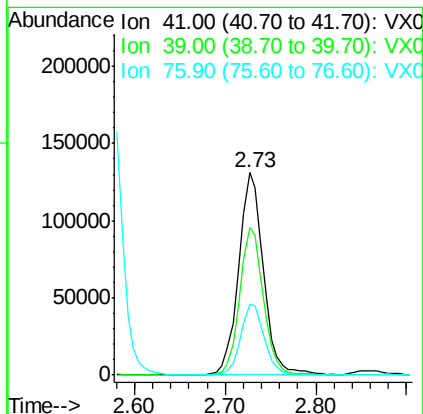
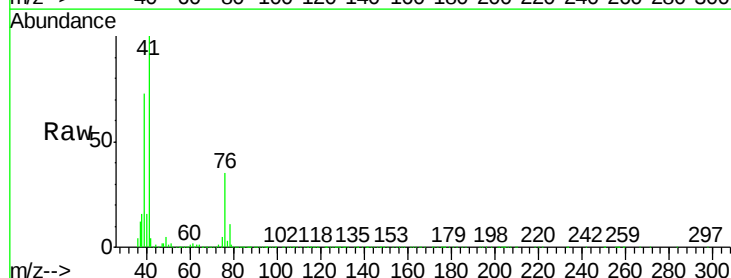
Tgt Ion: 41 Resp: 246970

Ion Ratio Lower Upper

41 100

39 69.6 54.1 81.1

76 33.2 27.8 41.8





#15

Acrylonitrile

Concen: 244.908 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

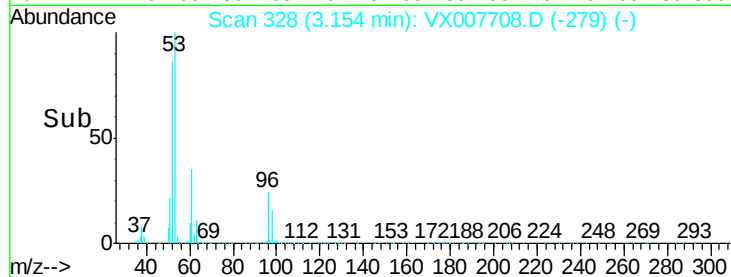
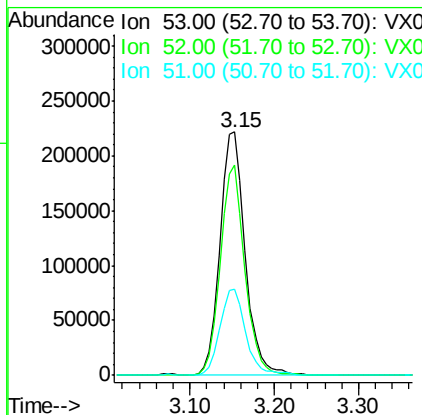
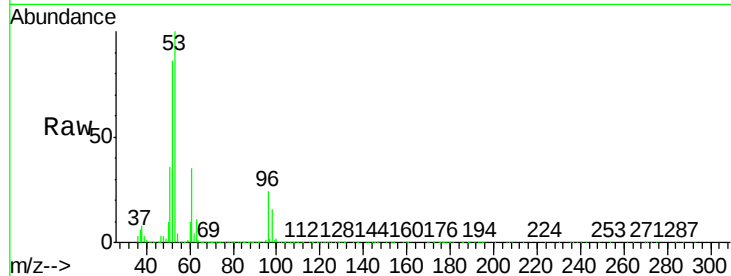
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	454089
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.4	99.6
51	36.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 222.044 ug/l

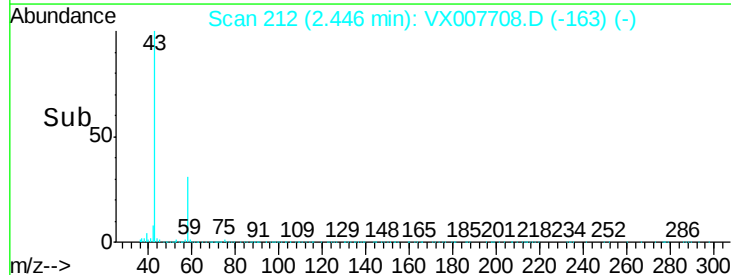
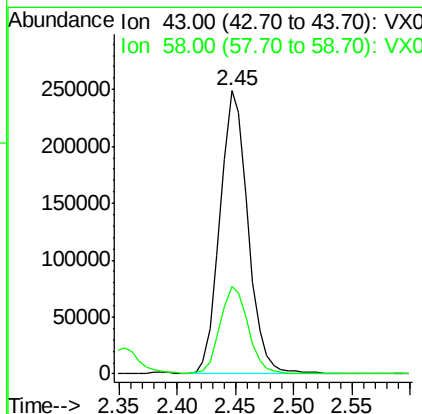
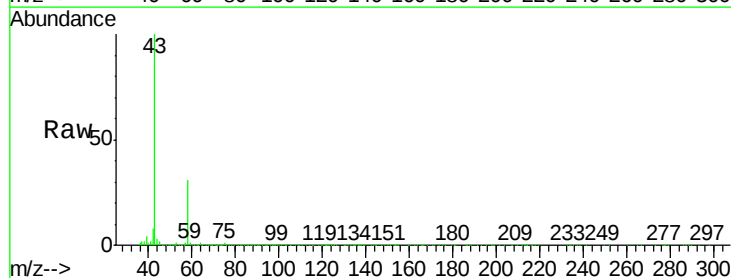
RT: 2.45 min Scan# 212

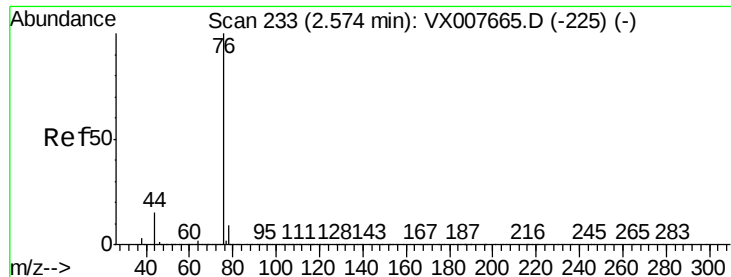
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	43	Resp:	410035
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.9	37.3





#17

Carbon Disulfide

Concen: 49.744 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 405818

Ion Ratio Lower Upper

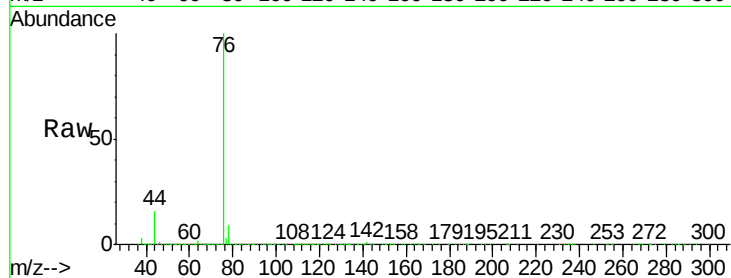
76 100

78 9.3 7.1 10.7

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

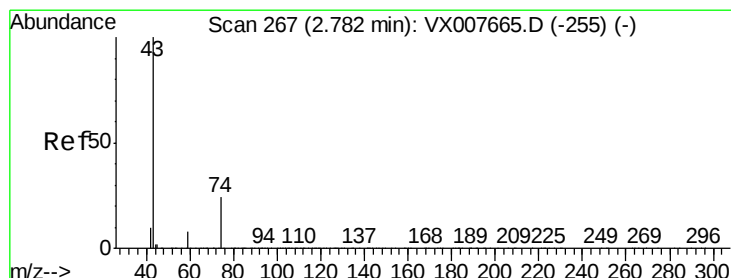
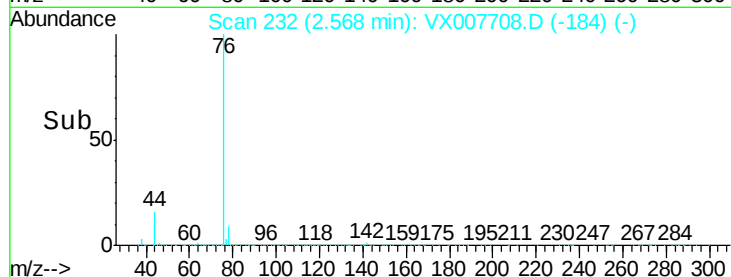
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 51.590 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007708.D

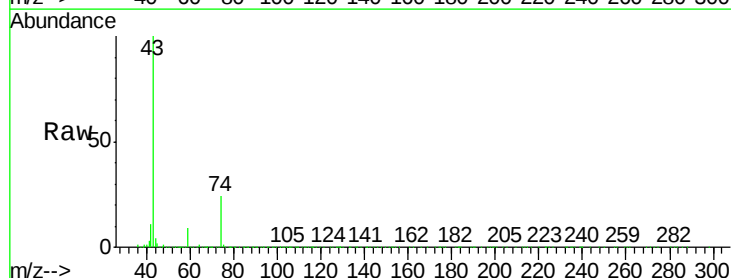
Acq: 26 Feb 2019 10:56

Tgt Ion: 43 Resp: 207886

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

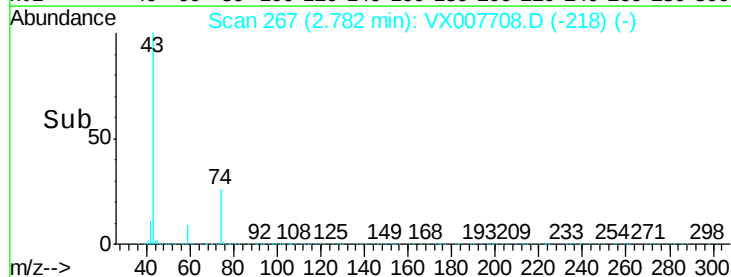
0

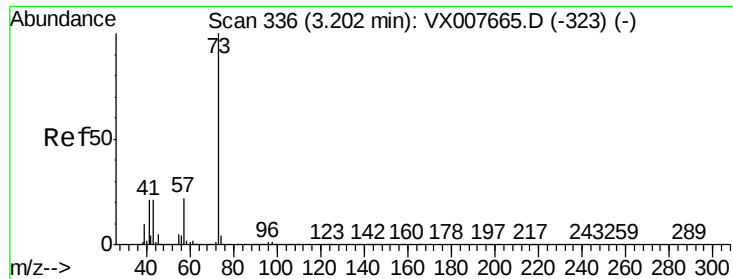
2.70

2.80

2.90

Time-->





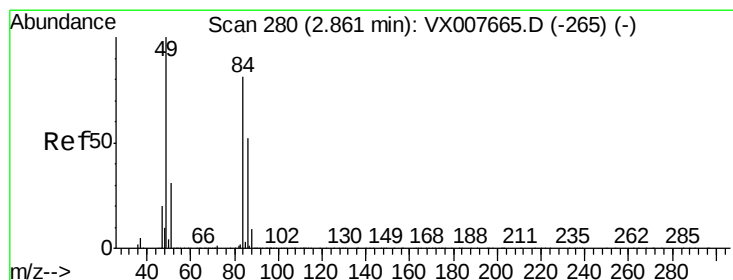
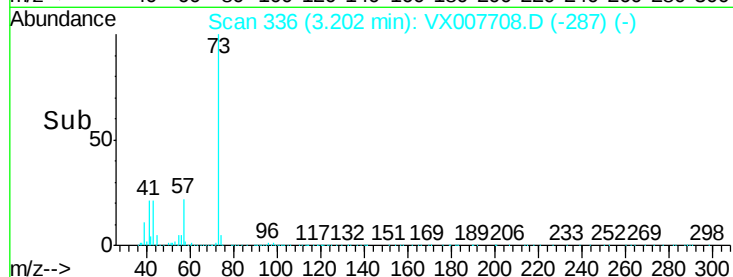
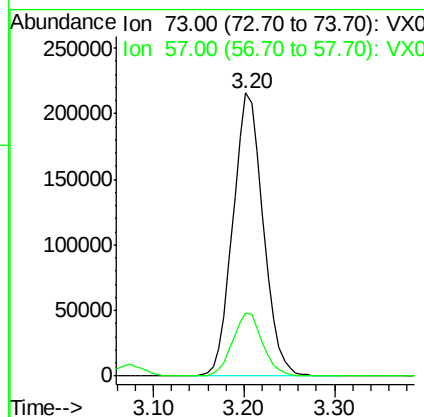
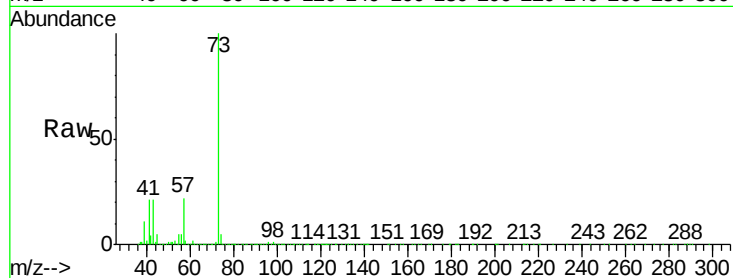
#19
Methvl tert-butvl Ether
Concen: 49.029 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

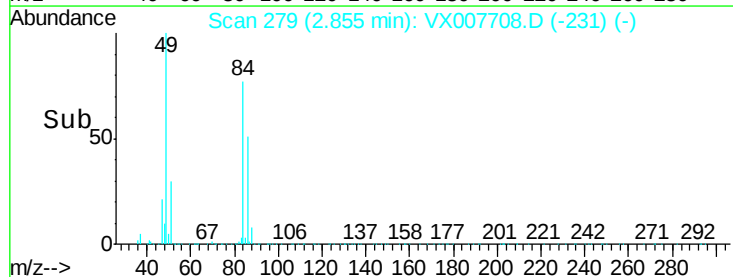
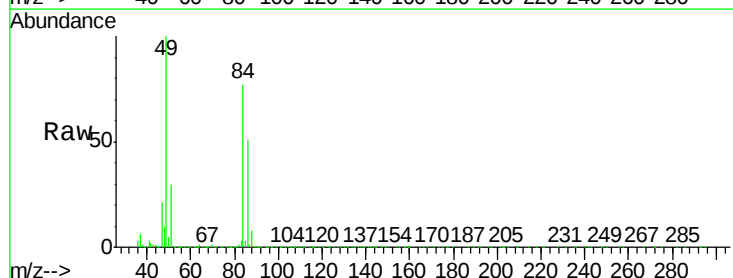
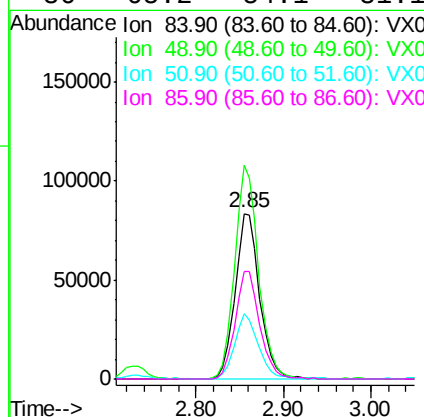
Manual Integrations
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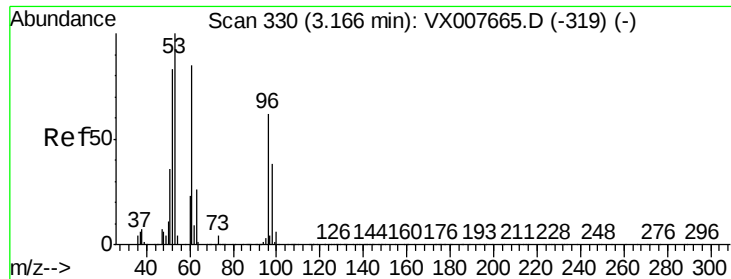
MMDadoda
2/26/2019 3:05:22 PM



#20
Methylene Chloride
Concen: 47.898 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.9	94.8	142.2
51	38.9	29.8	44.8
86	65.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 48.760 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

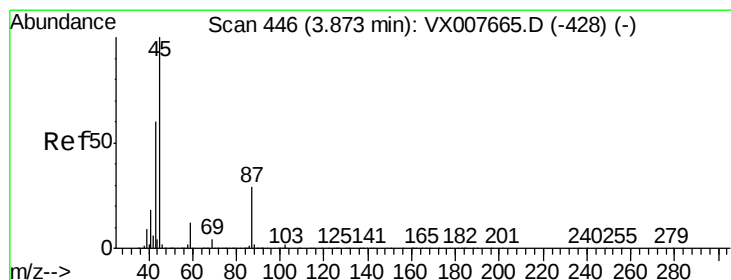
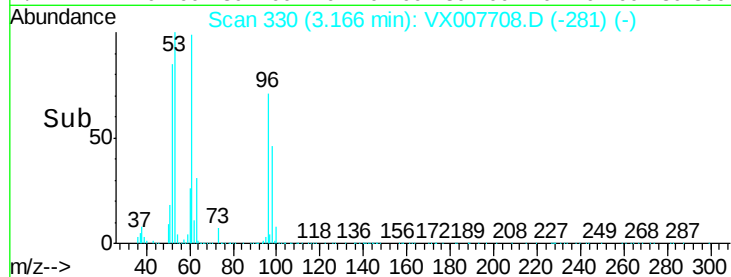
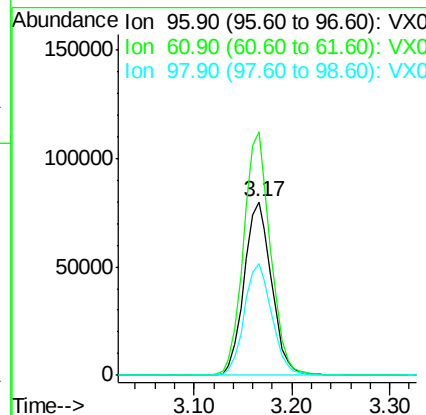
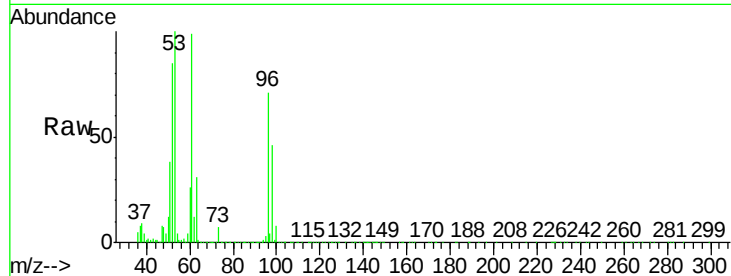
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	155442
Ion Ratio	Lower	Upper	
96	100		
61	140.0	104.6	156.8
98	64.3	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.129 ug/l

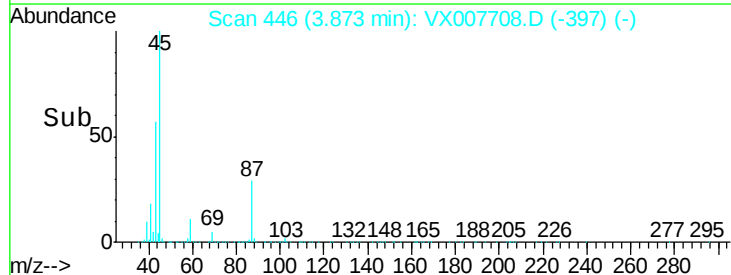
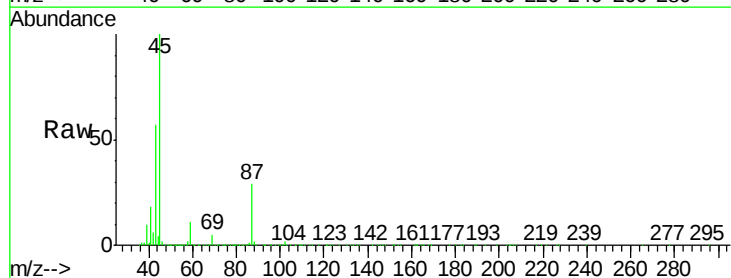
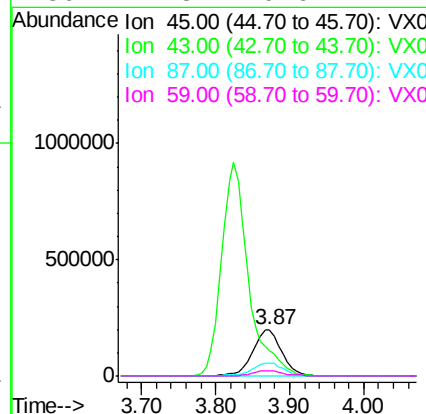
RT: 3.87 min Scan# 446

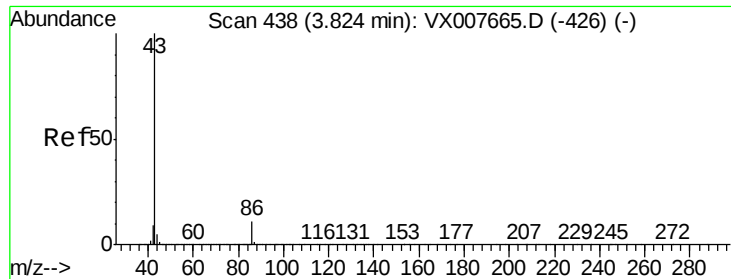
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	45	Resp:	543245
Ion Ratio	Lower	Upper	
45	100		
43	56.6	48.9	73.3
87	29.1	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 234.178 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2319034

Ion Ratio Lower Upper

43 100

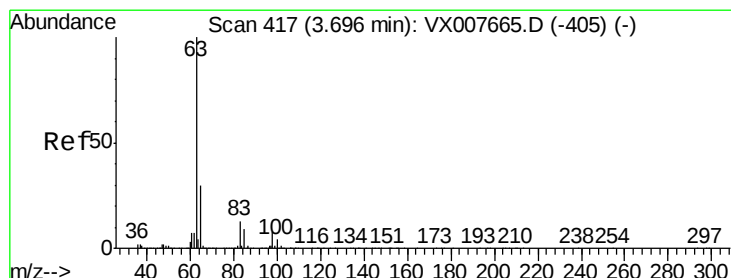
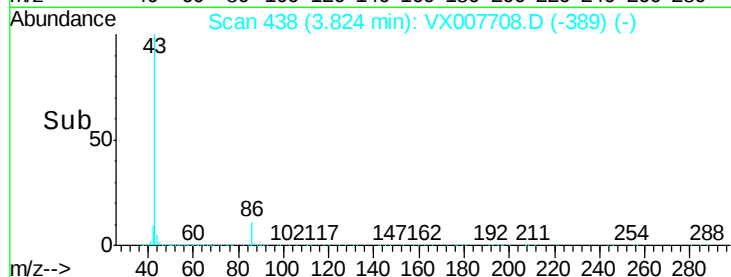
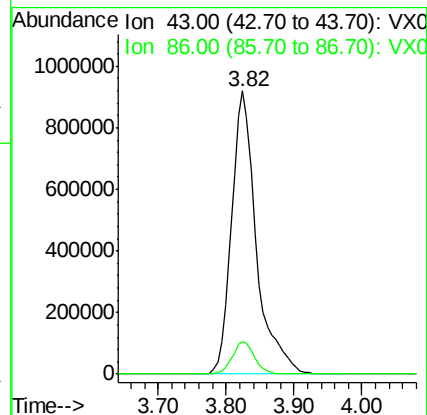
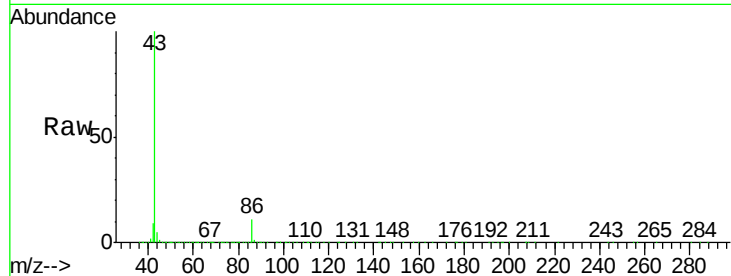
86 11.3 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.420 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

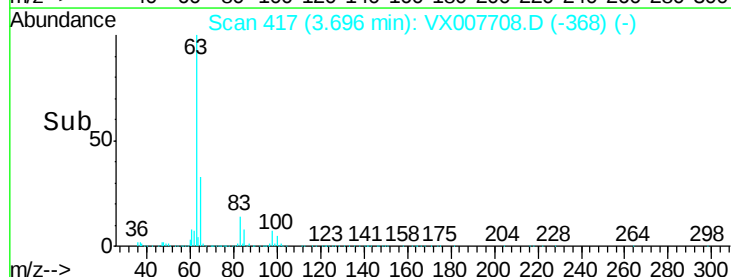
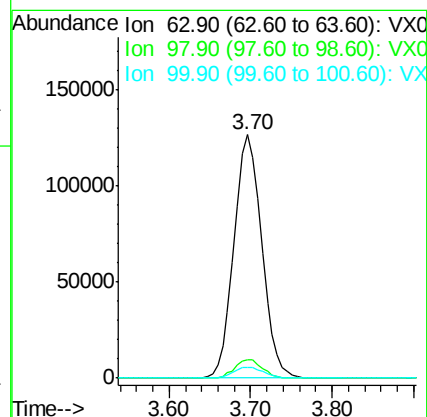
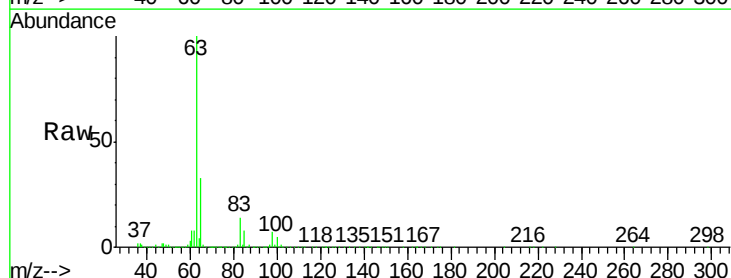
Tgt Ion: 63 Resp: 297025

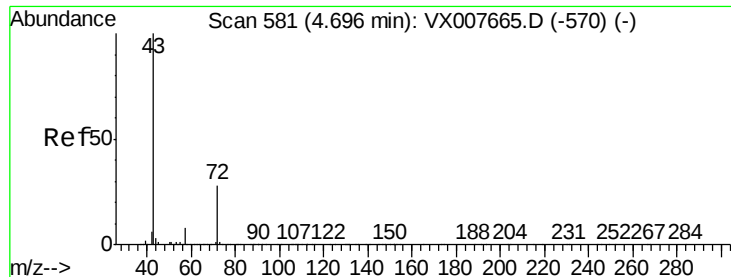
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 237.810 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tot Ion: 43 Resp: 668936

Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

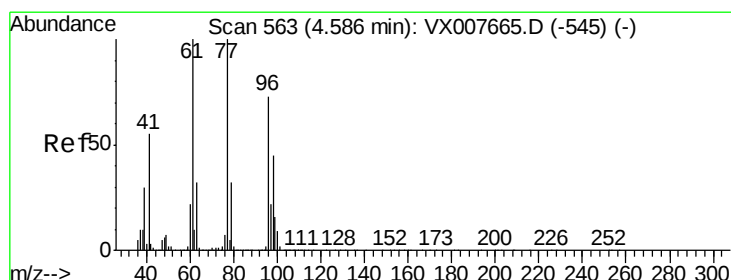
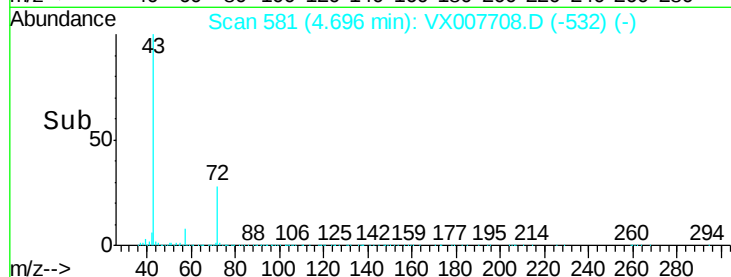
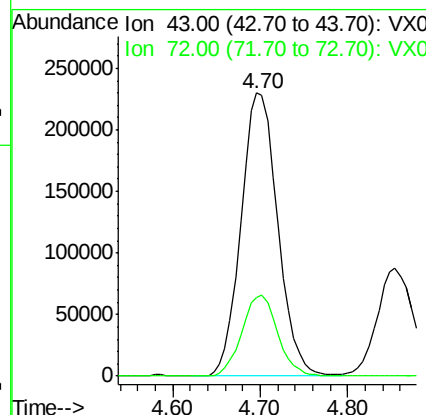
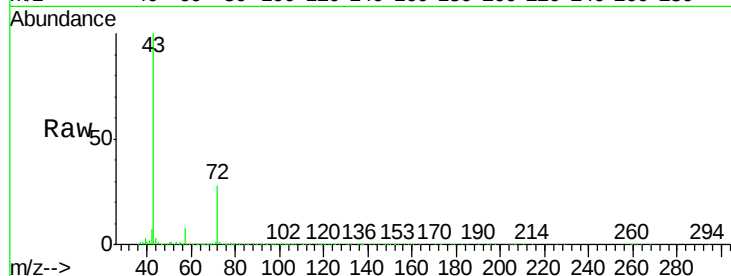
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 26.692 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007708.D

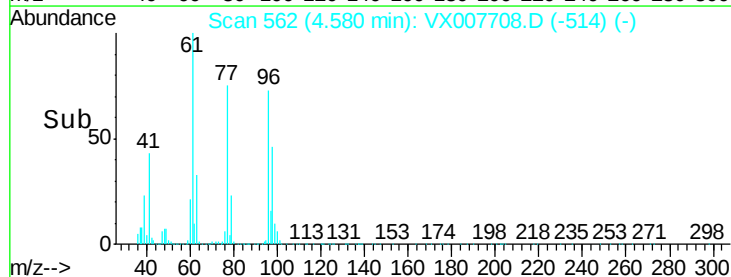
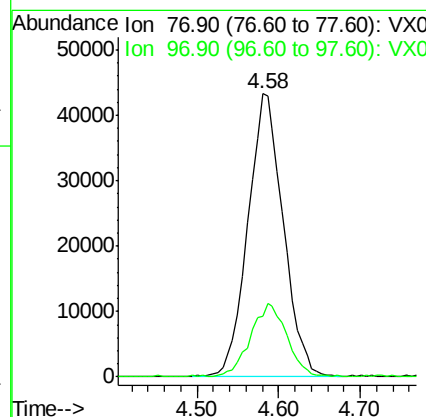
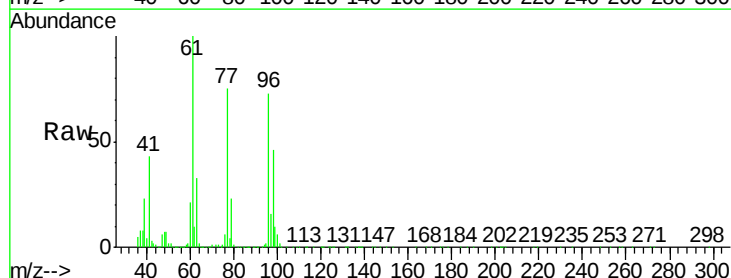
Acq: 26 Feb 2019 10:56

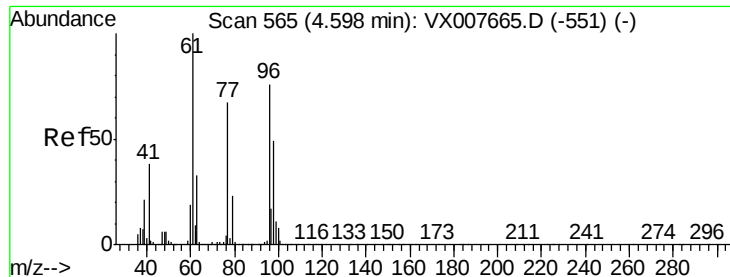
Tgt Ion: 77 Resp: 130703

Ion Ratio Lower Upper

77 100

97 26.8 12.1 36.3





#27

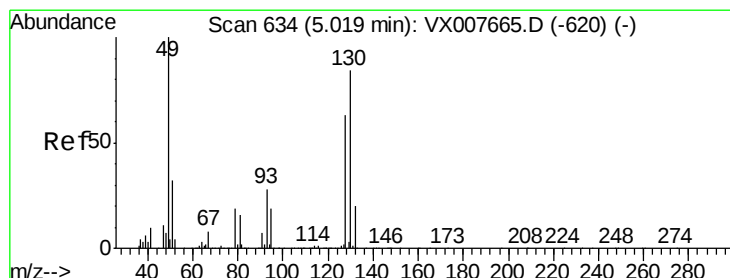
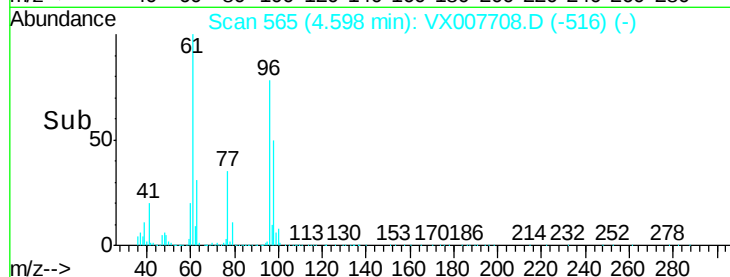
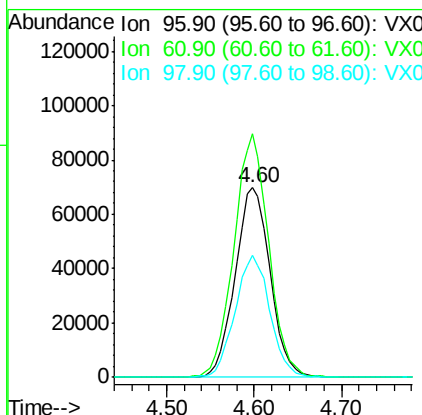
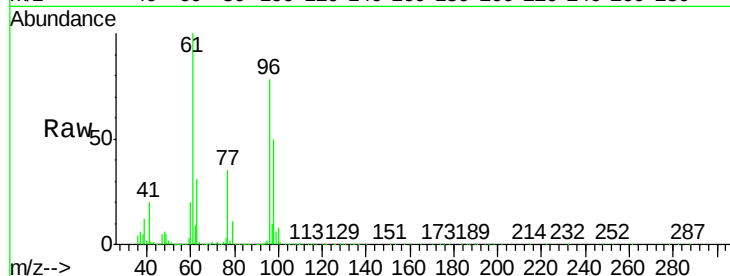
cis-1,2-Dichloroethene
Concen: 47.832 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	194022		
61	127.0	0.0	265.6	
98	63.6	0.0	131.6	

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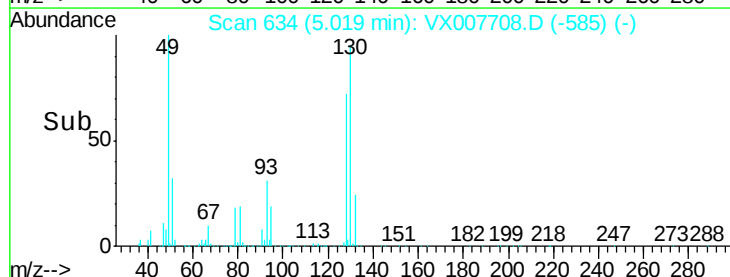
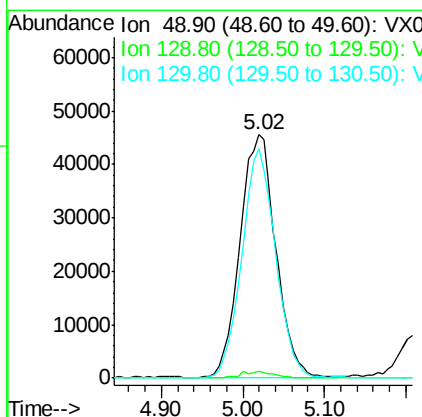
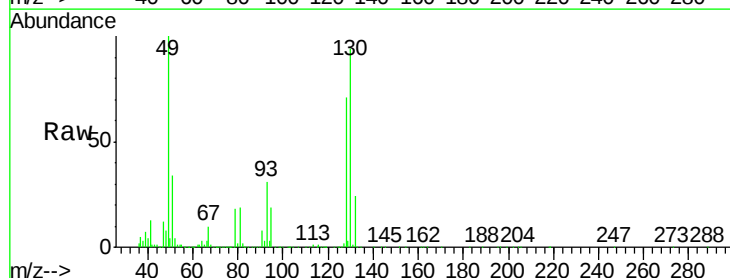
MMDadoda
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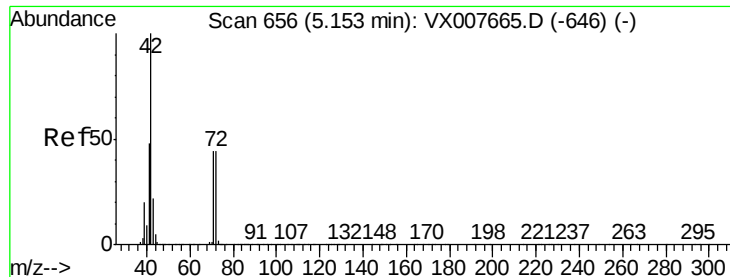


#28

Bromochloromethane
Concen: 46.749 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139608		
129	2.7	0.0	5.6	
130	88.5	75.6	113.4	





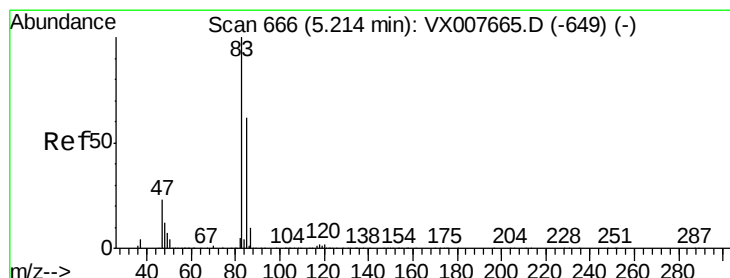
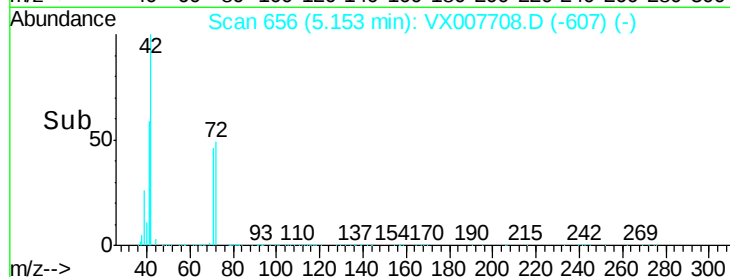
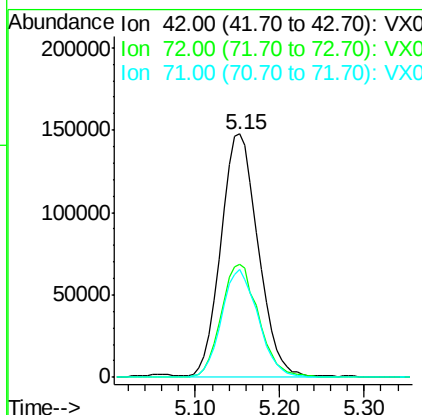
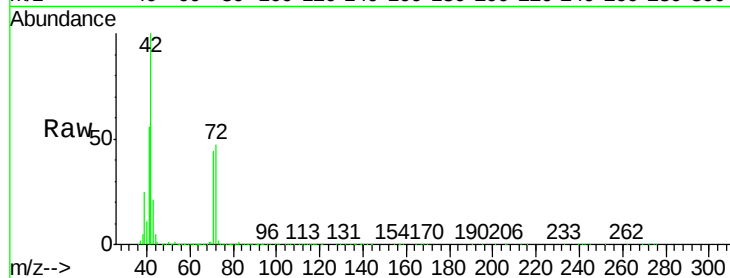
#29
Tetrahydrofuran
Concen: 239.408 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.6	56.4
71	43.8	34.6	51.8

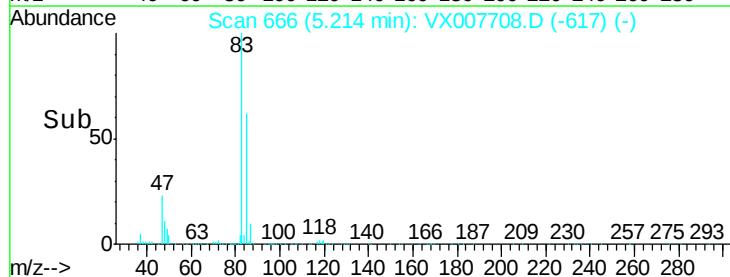
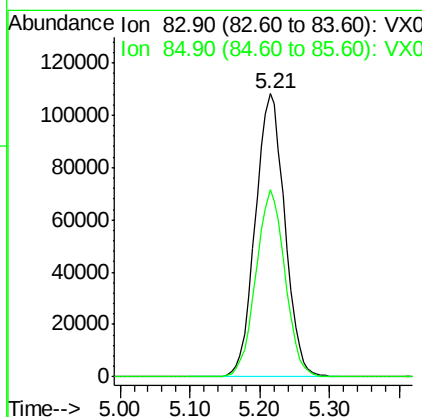
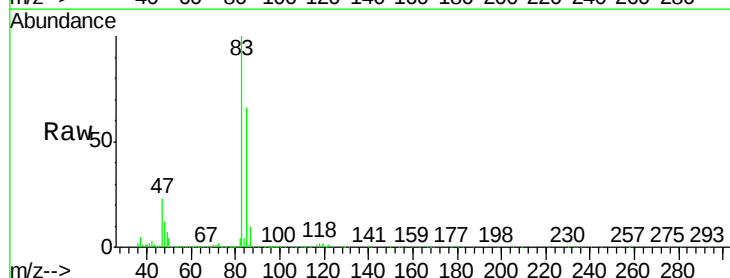
Manual Integrations
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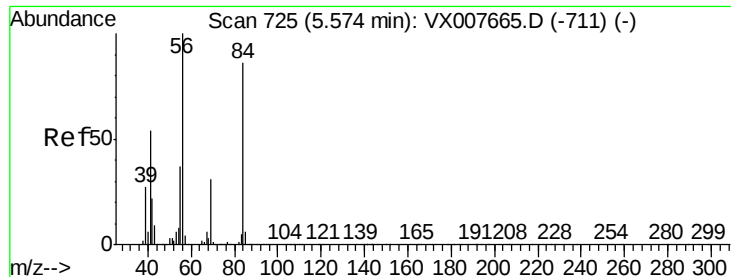
MMDadoda
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#30
Chloroform
Concen: 48.068 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.6	77.4





#31

Cyclohexane

Concen: 47.299 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

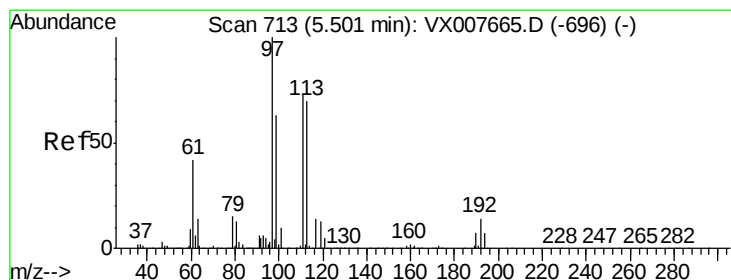
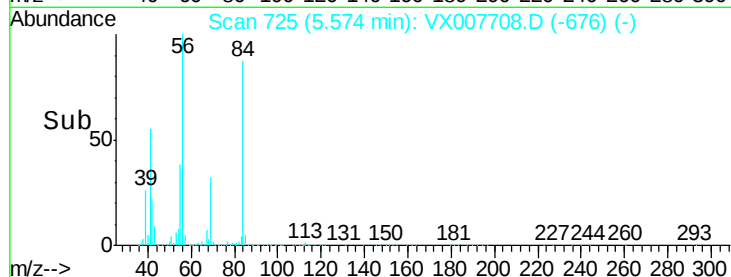
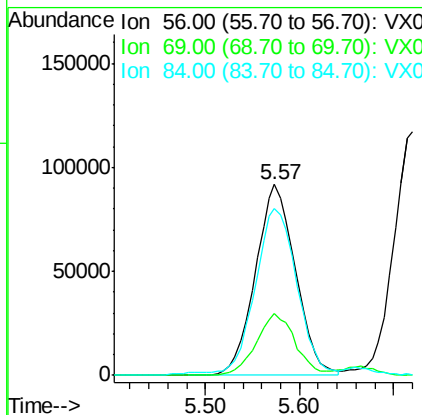
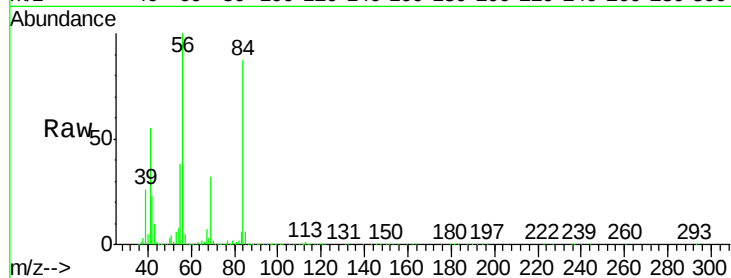
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	272927
Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.0	34.6
84	86.0	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.517 ug/l

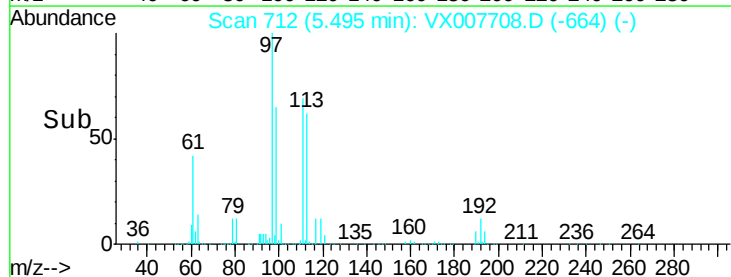
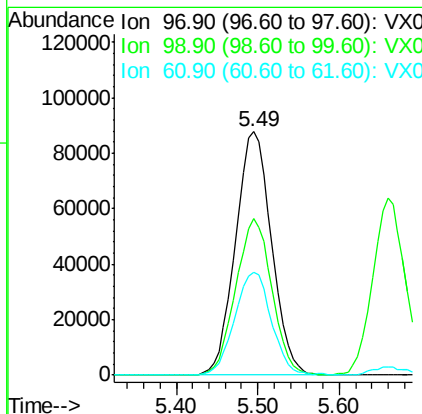
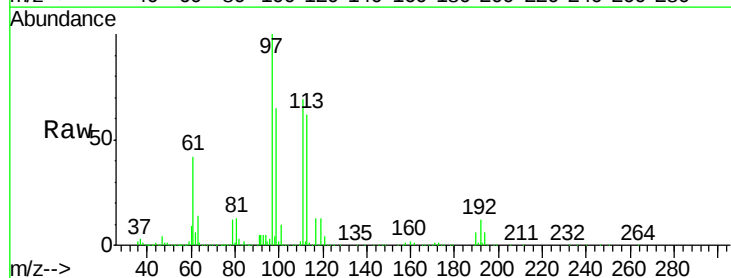
RT: 5.49 min Scan# 712

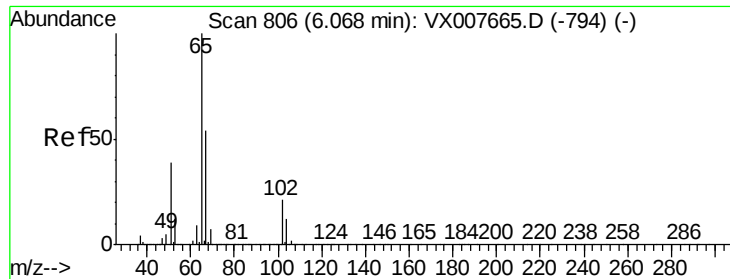
Delta R.T. -0.01 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	97	Resp:	269090
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	42.6	32.7	49.1





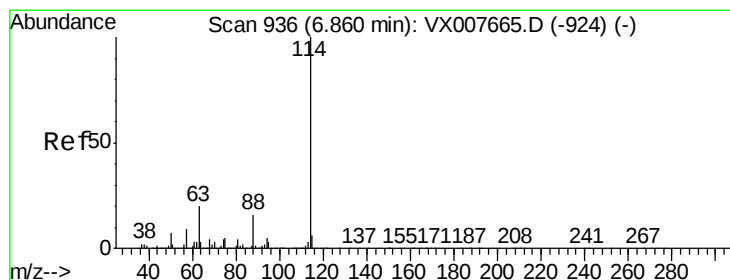
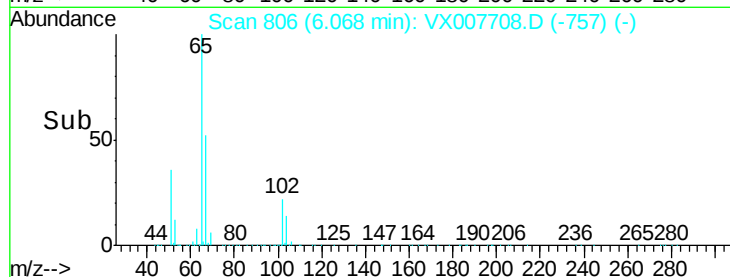
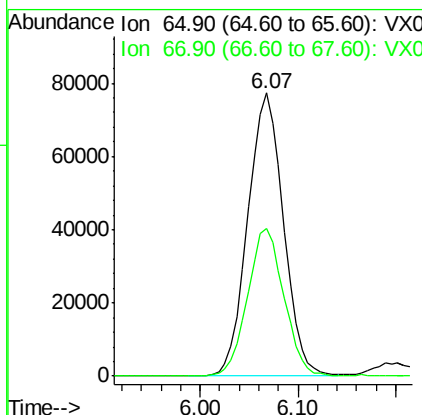
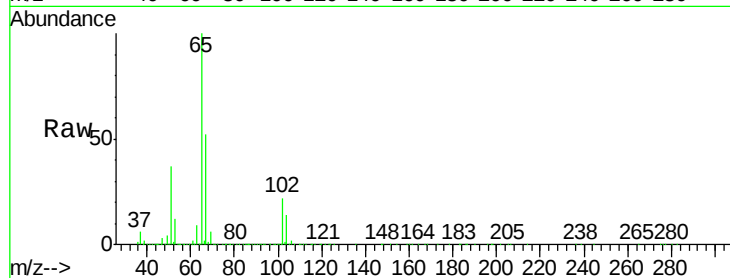
#33
 1,2-Dichloroethane-d4
 Concen: 47.085 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195522		
67	53.4	0.0	108.8	

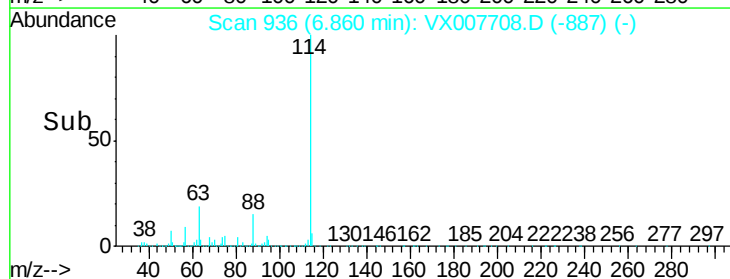
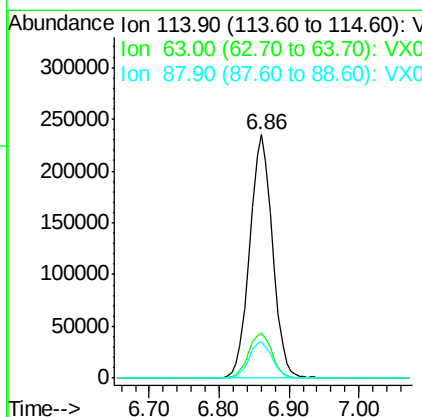
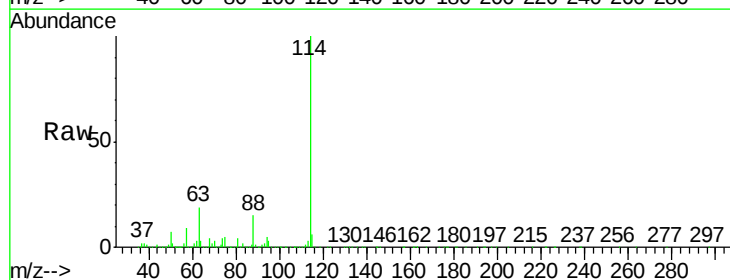
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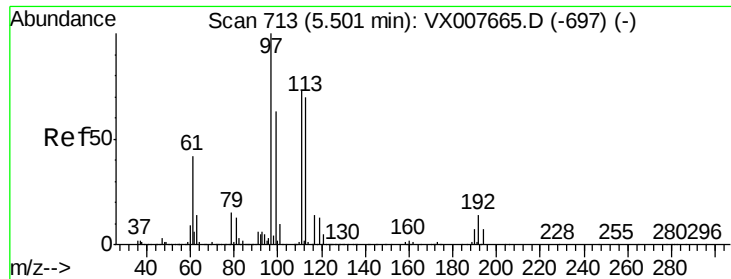
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	531280		
63	18.6	0.0	35.6	
88	14.6	0.0	29.6	





#35

Dibromofluoromethane

Concen: 48.299 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

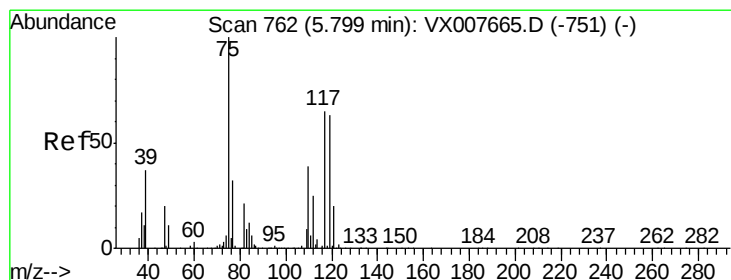
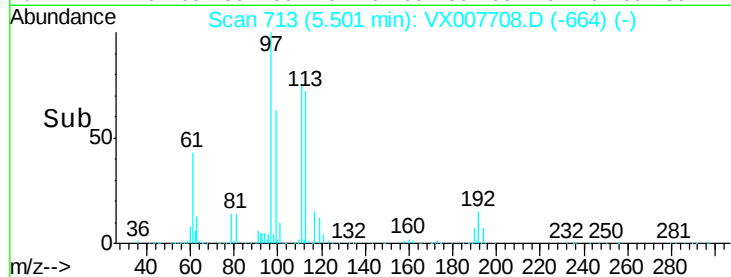
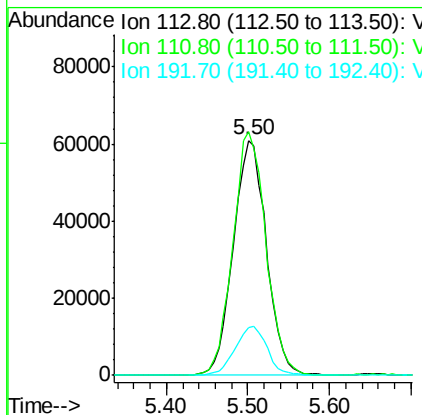
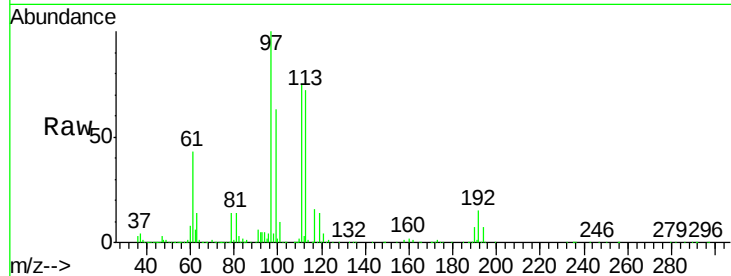
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	171531
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.8	122.8
192	20.3	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.601 ug/l

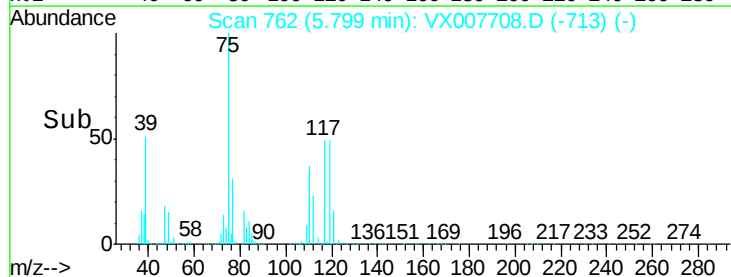
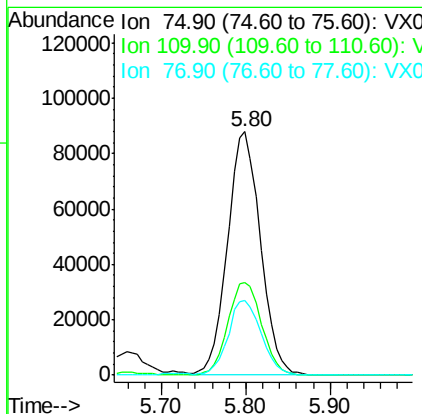
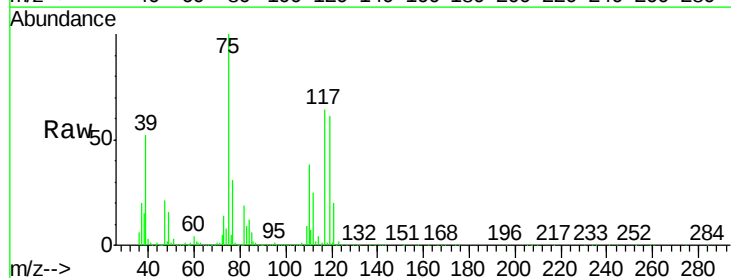
RT: 5.80 min Scan# 762

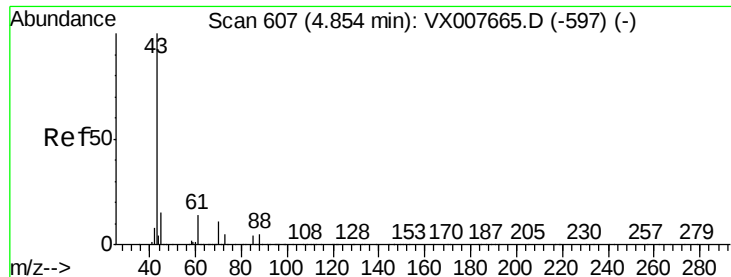
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	75	Resp:	232139
Ion Ratio	Lower	Upper	
75	100		
110	39.5	20.0	59.9
77	30.6	24.7	37.1





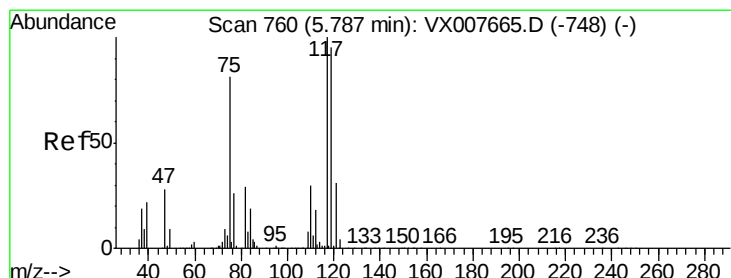
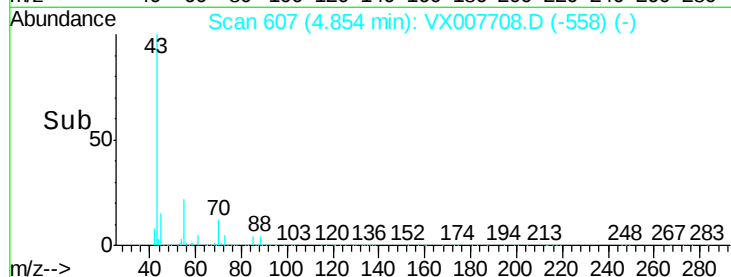
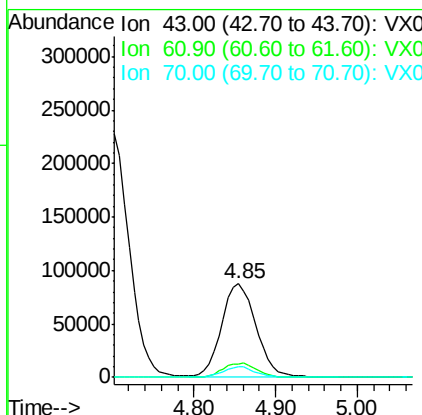
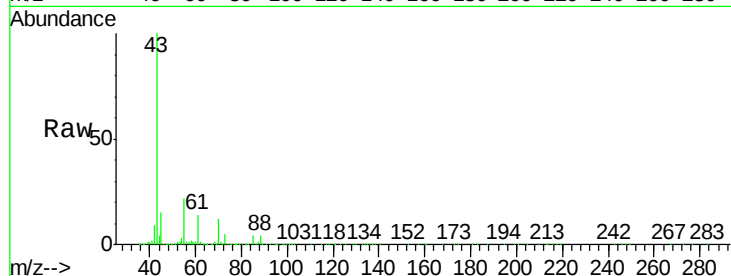
#37
Ethyl Acetate
Concen: 48.056 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	10.9	8.6	13.0

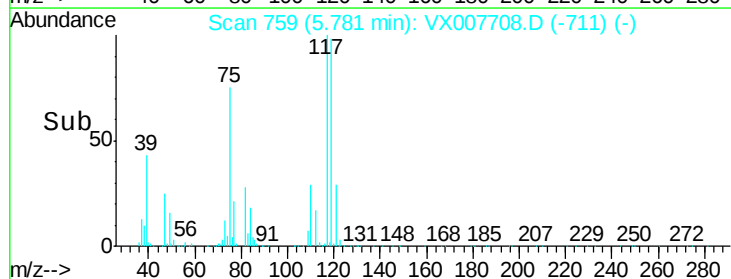
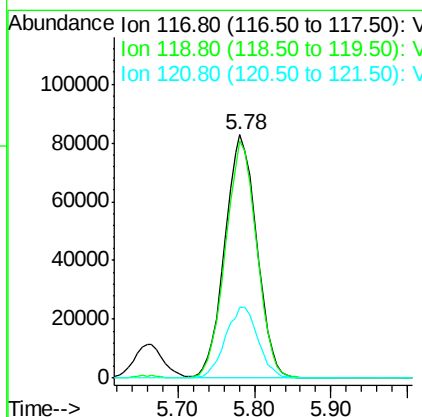
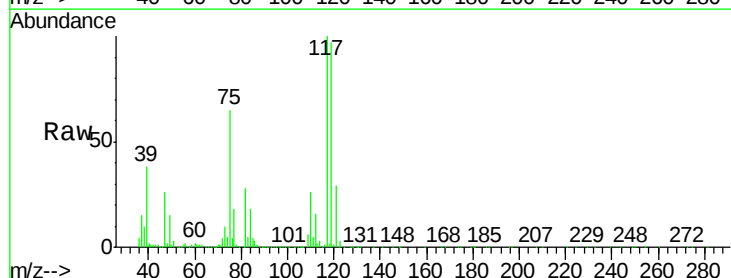
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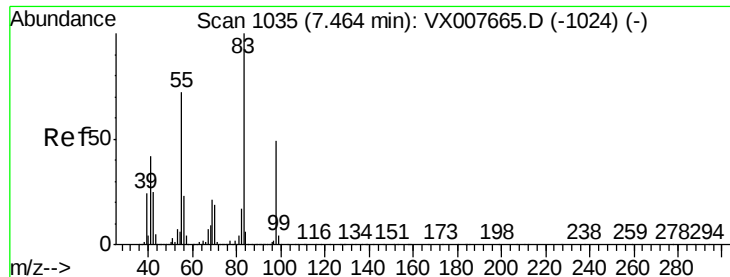
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#38
Carbon Tetrachloride
Concen: 49.828 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.3	112.9
121	29.1	25.0	37.4





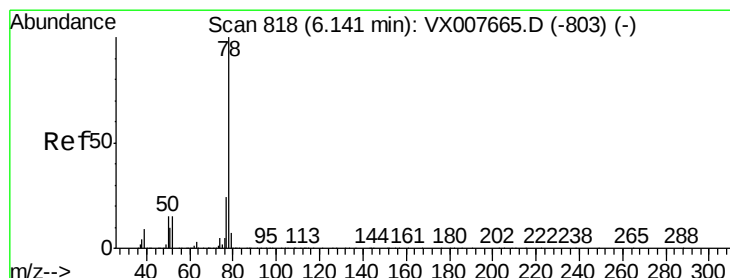
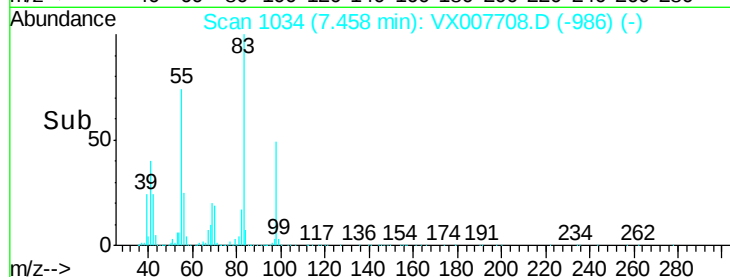
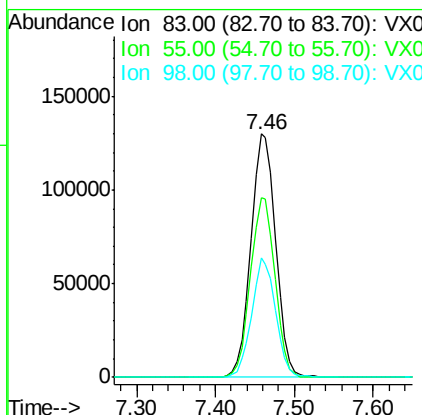
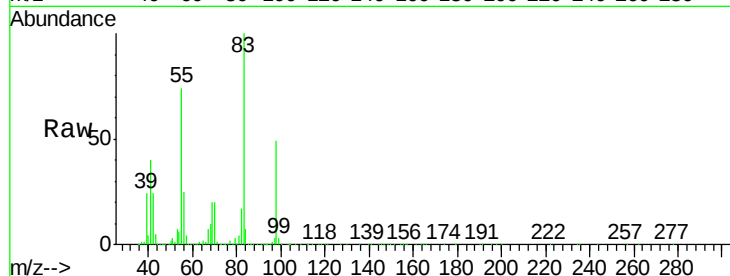
#39
Methvlcvclohexane
Concen: 47.061 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	56.2	84.2
98	49.0	36.8	55.2

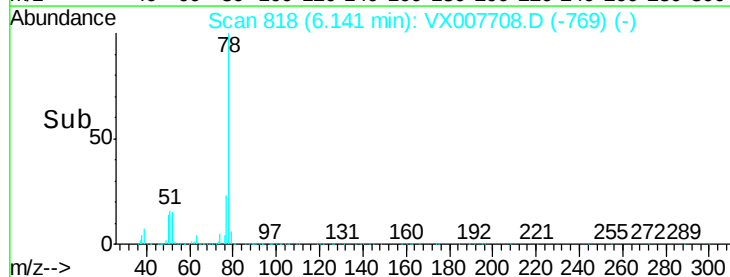
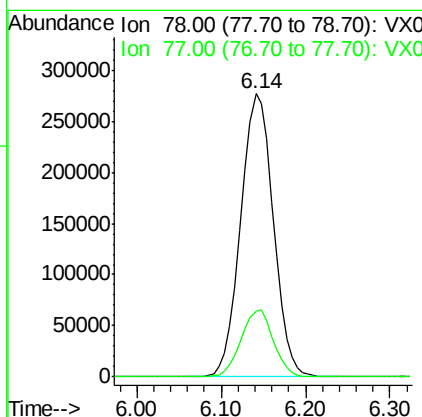
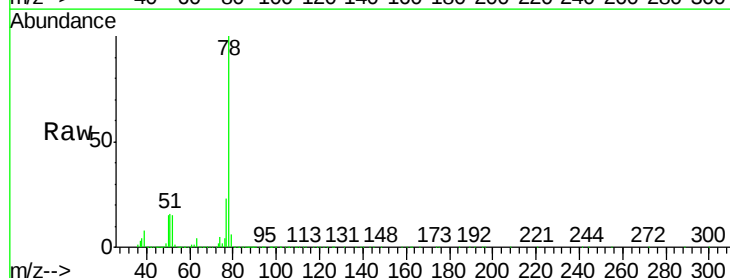
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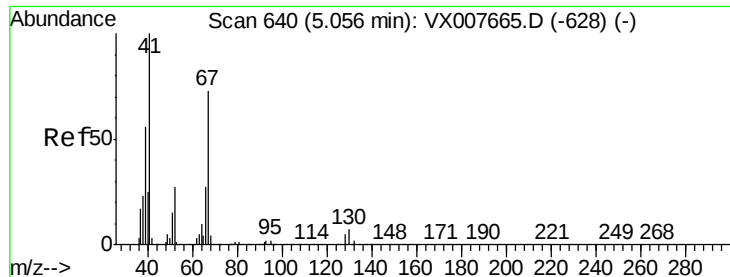
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#40
Benzene
Concen: 49.108 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





#41

Methacrylonitrile

Concen: 49.753 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

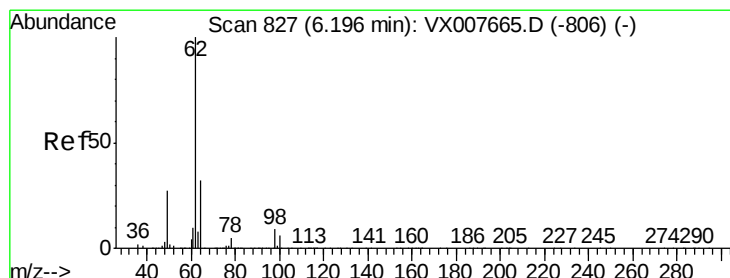
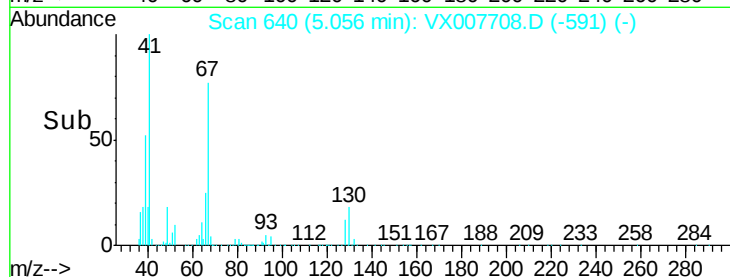
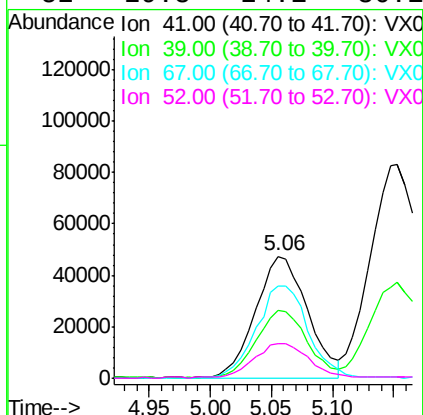
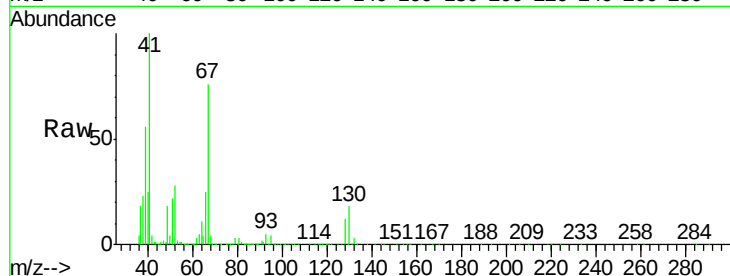
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	44.5	66.7	
67	75.7	60.4	90.6	
52	29.8	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.301 ug/l

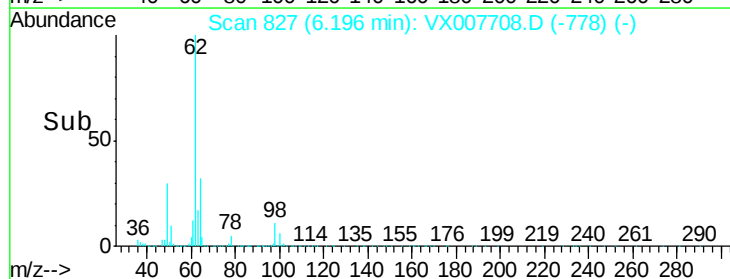
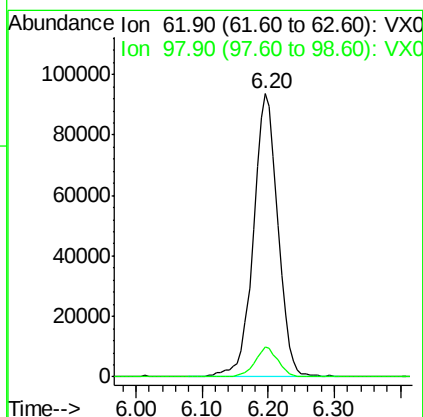
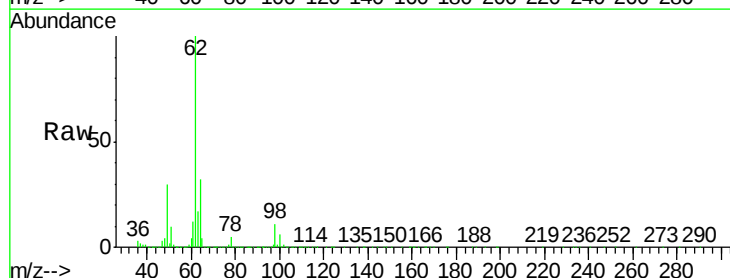
RT: 6.20 min Scan# 827

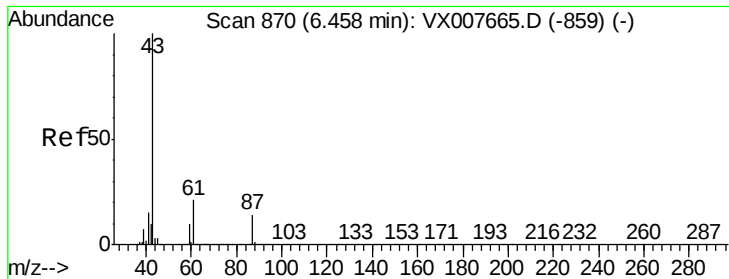
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.0	





#43

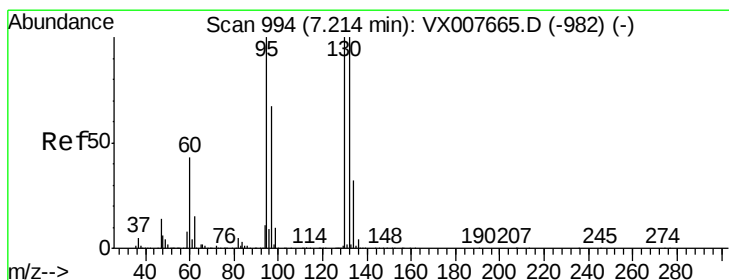
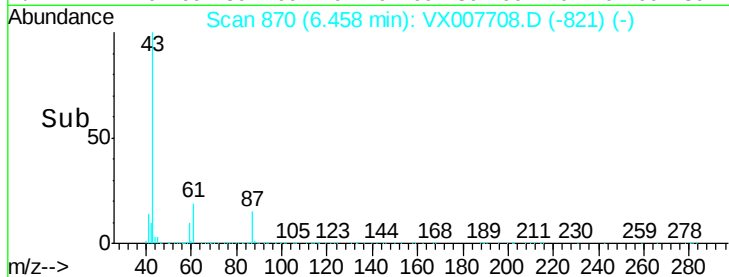
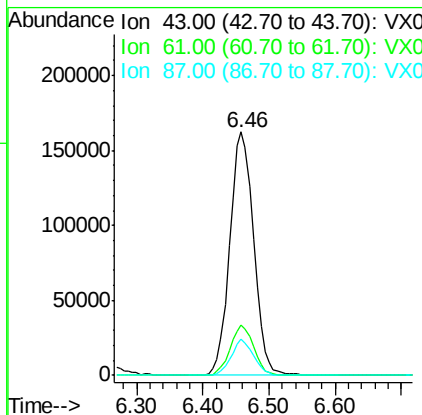
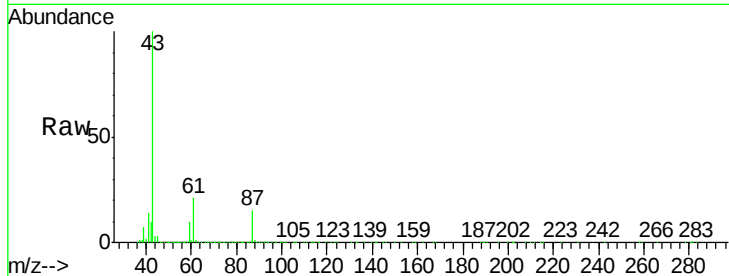
Isopropyl Acetate
 Concen: 49.640 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.1	11.5	17.3

Manual Integrations
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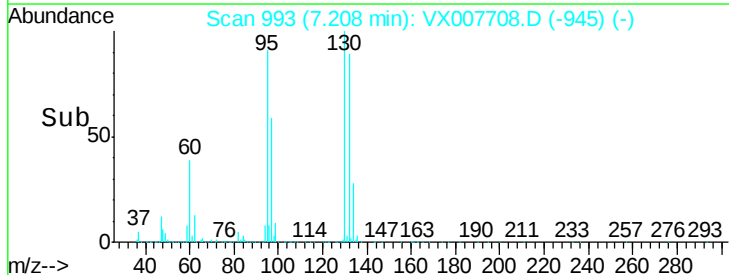
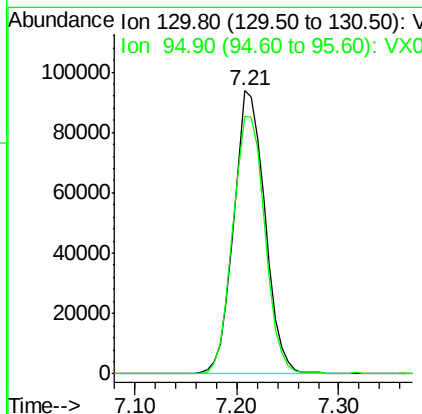
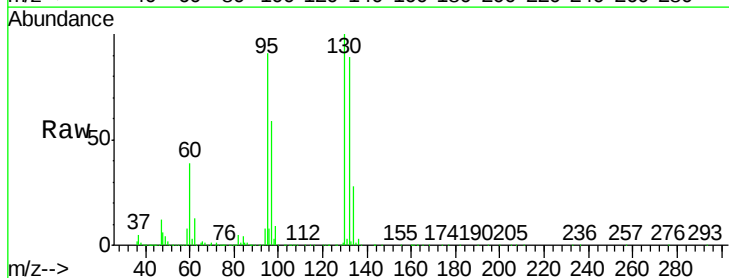
MMDadoda
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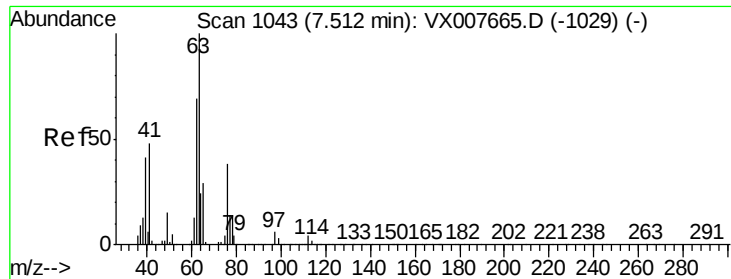


#44

Trichloroethene
 Concen: 48.786 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.134 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 183844

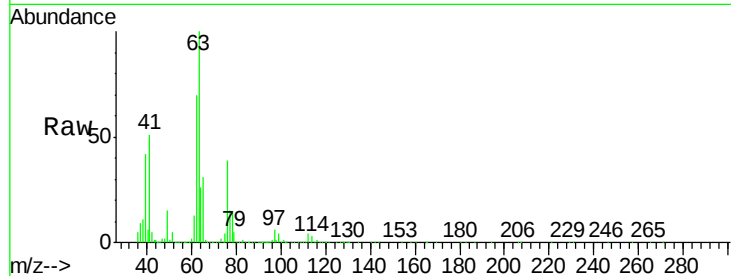
Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:22 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

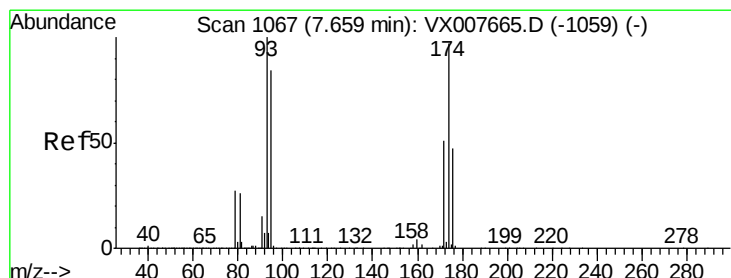
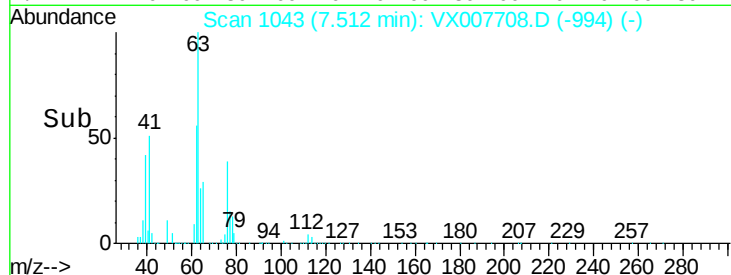
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.626 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

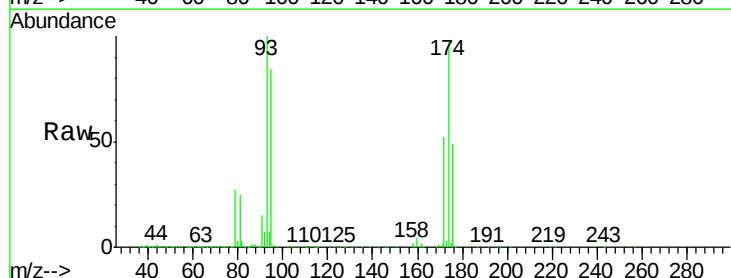
Tgt Ion: 93 Resp: 126904

Ion Ratio Lower Upper

93 100

95 84.7 67.6 101.4

174 105.5 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

80000

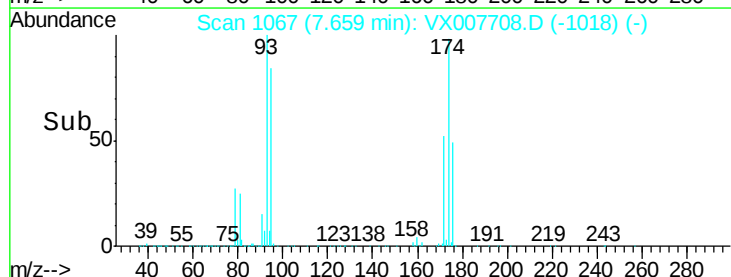
60000

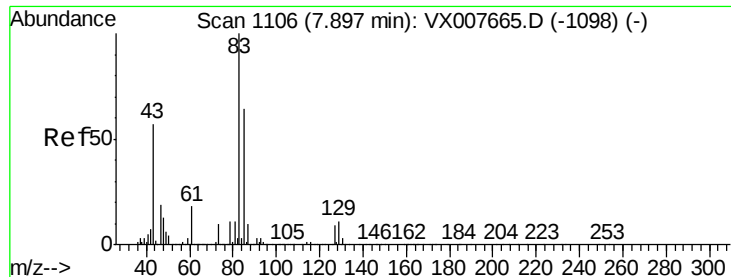
40000

20000

0

Time-->





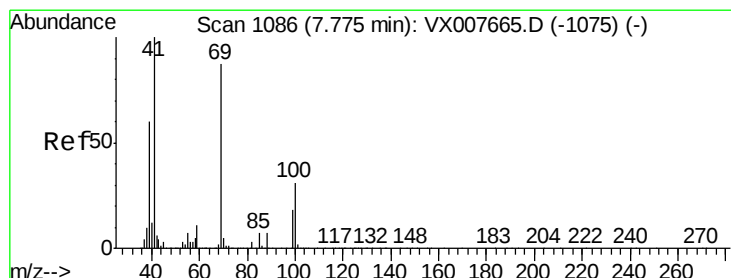
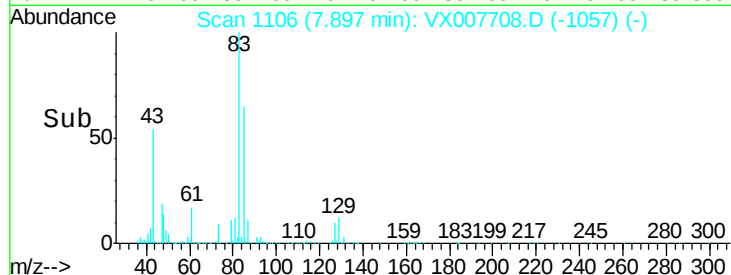
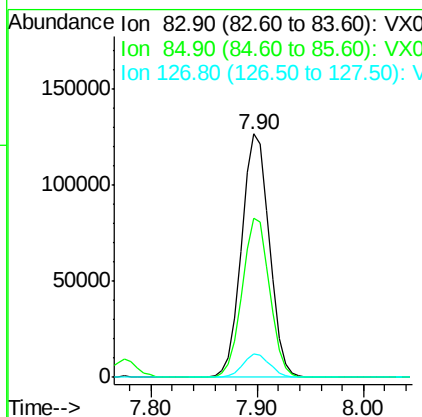
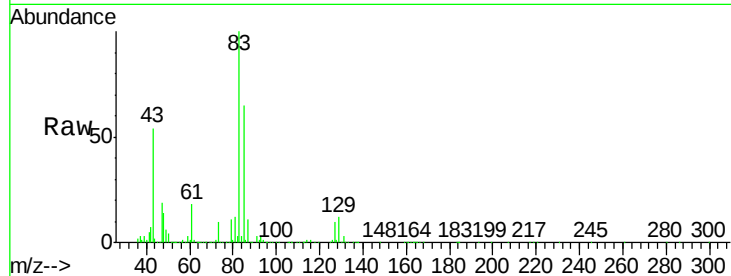
#47
Bromodichloromethane
Concen: 50.316 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232338		
85	65.3	51.4	77.0	
127	9.6	8.1	12.1	

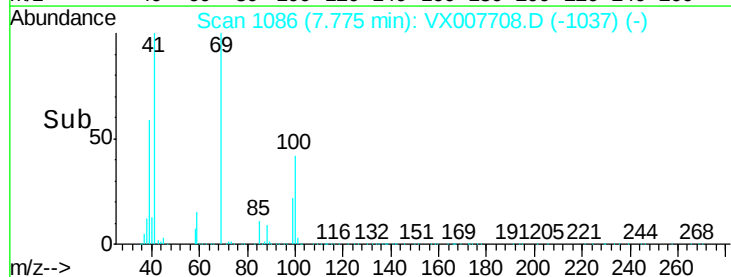
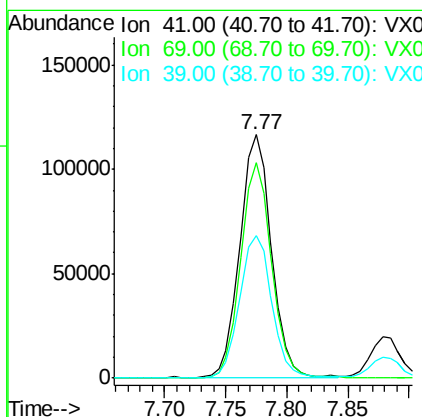
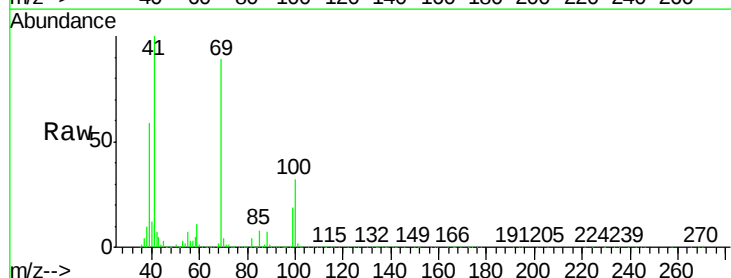
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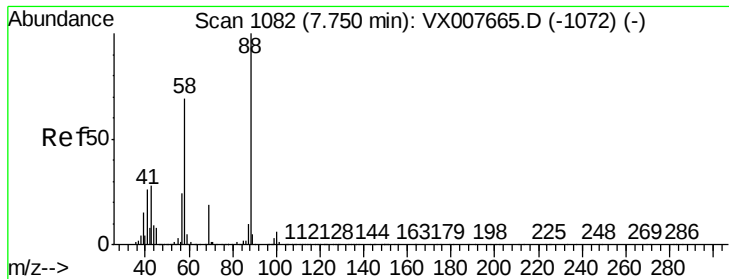
MMDadoda
2/26/2019 3:05:22 PM



#48
Methyl methacrylate
Concen: 48.630 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	208158		
69	87.1	70.2	105.4	
39	59.8	47.4	71.0	





#49

1,4-Dioxane

Concen: 970.371 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

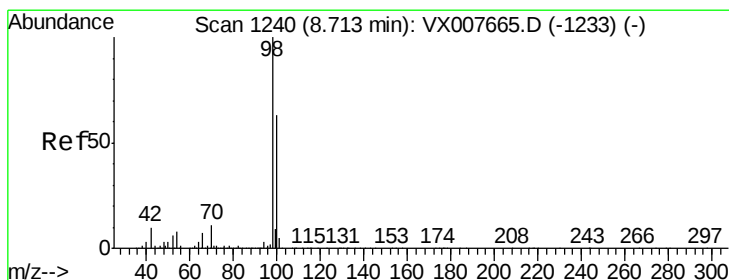
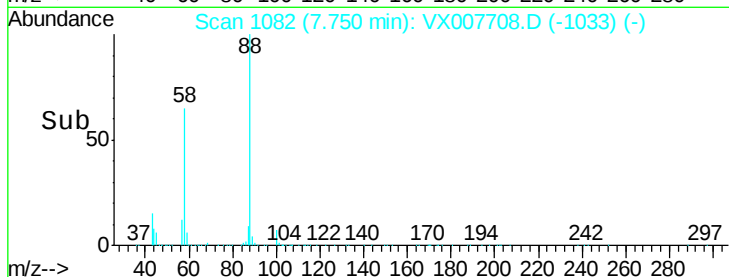
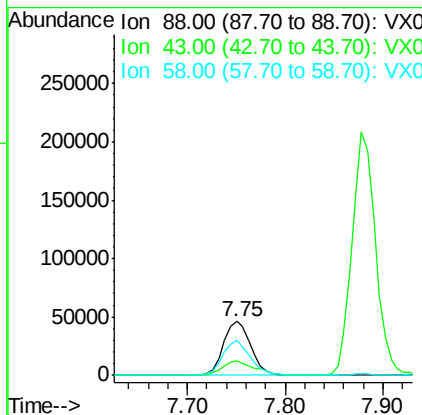
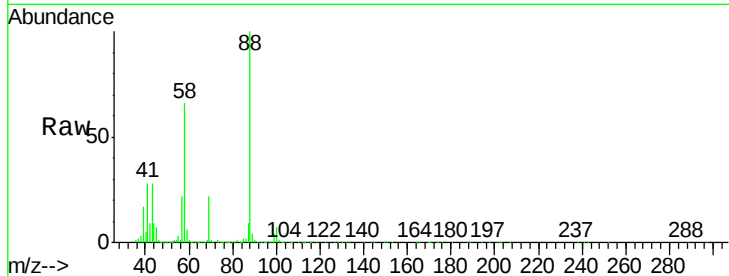
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	89711
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	65.6	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.504 ug/l

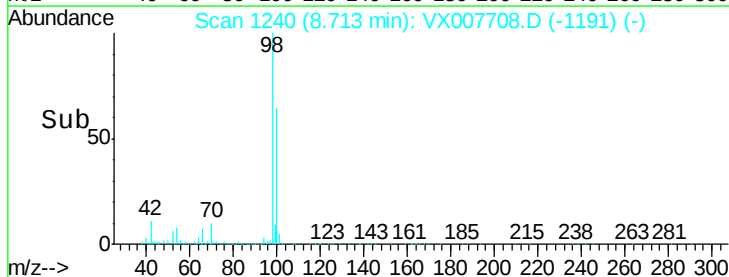
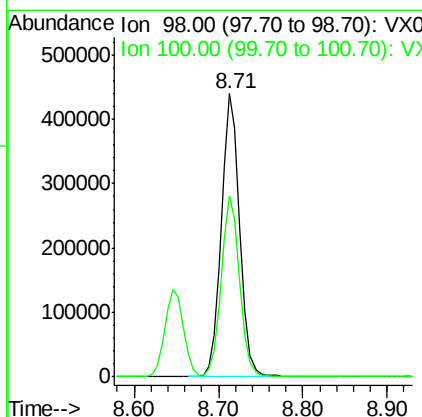
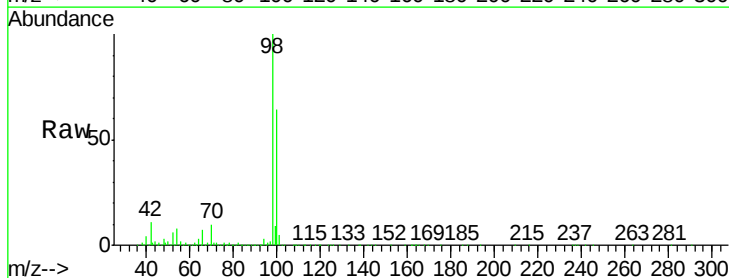
RT: 8.71 min Scan# 1240

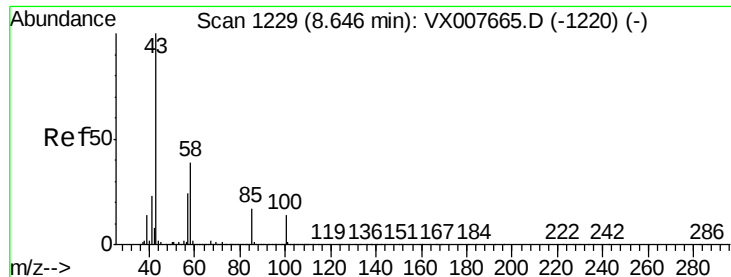
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	98	Resp:	659477
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 248.579 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1358756

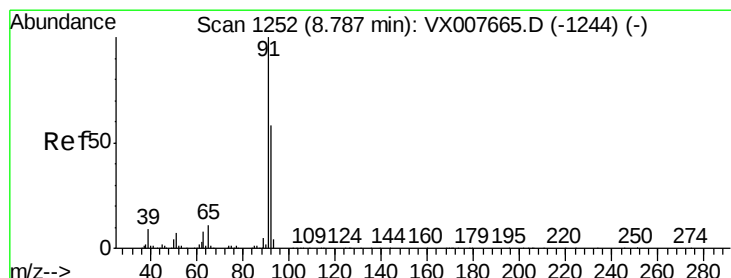
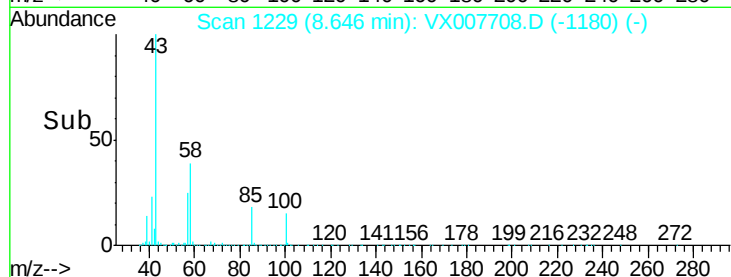
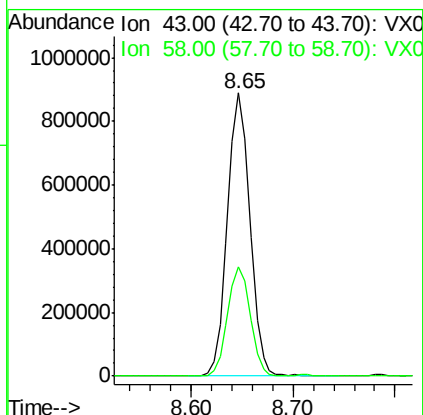
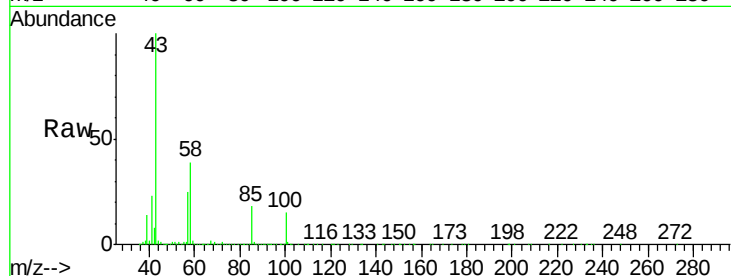
Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8

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#52

Toluene

Concen: 50.151 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007708.D

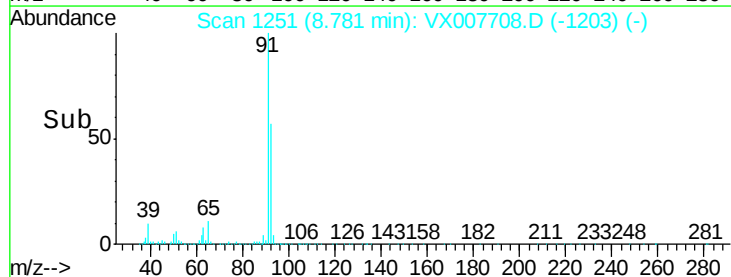
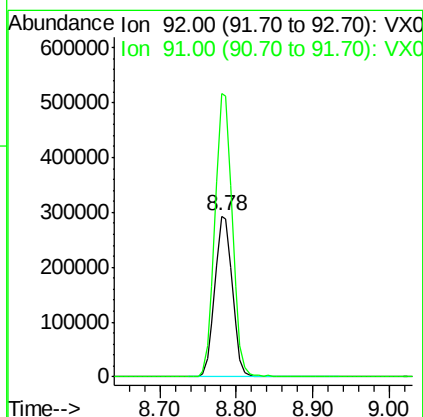
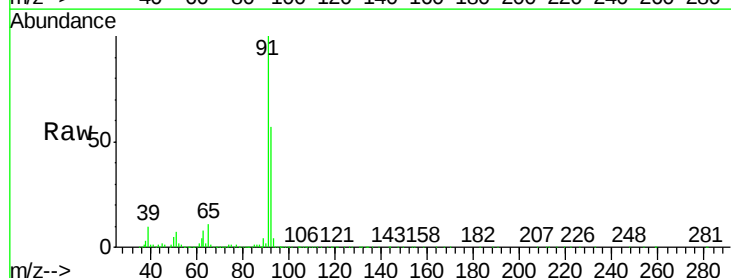
Acq: 26 Feb 2019 10:56

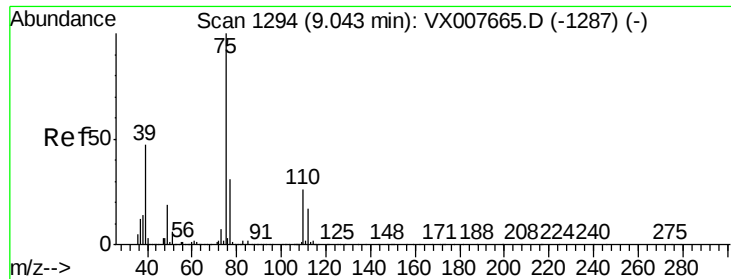
Tgt Ion: 92 Resp: 466288

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7





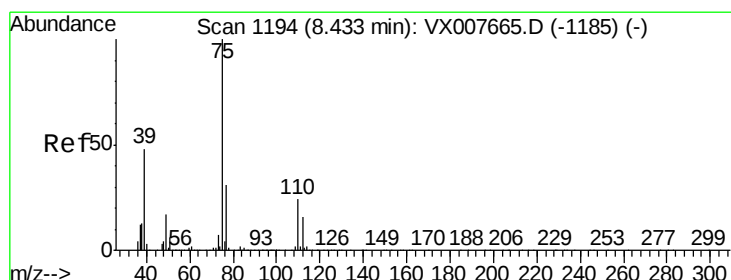
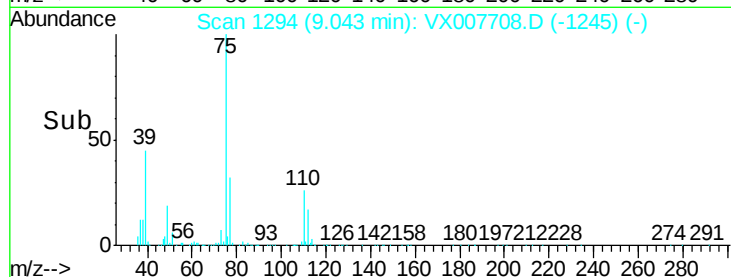
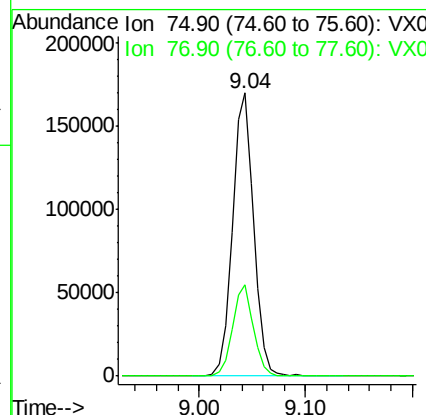
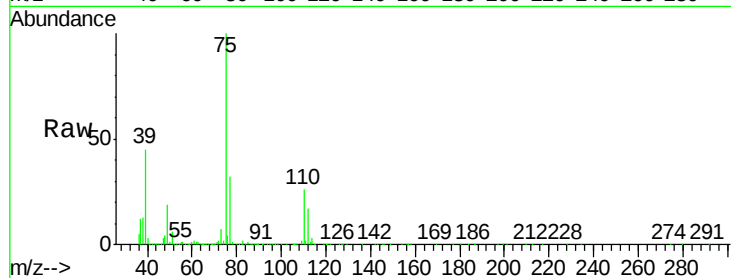
#53
t-1,3-Dichloropropene
Concen: 41.563 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.2	37.8

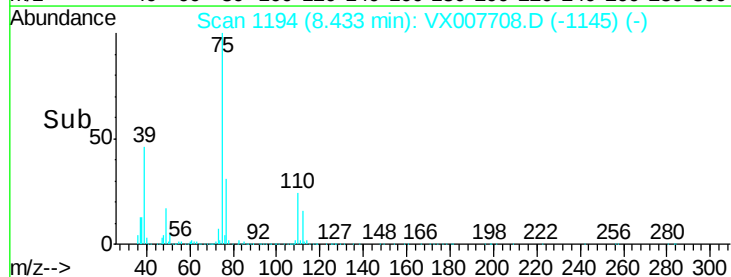
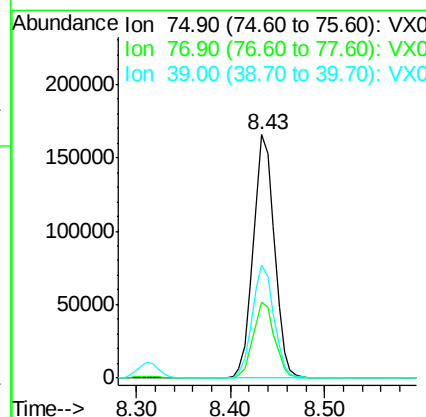
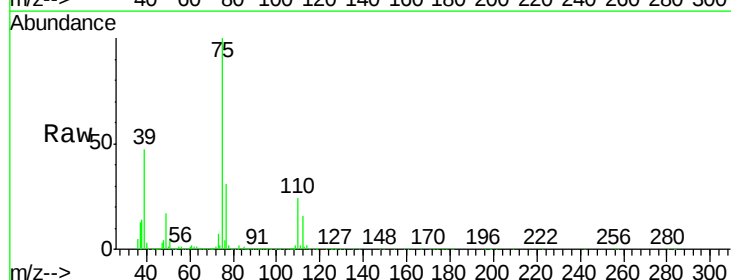
Manual Integrations
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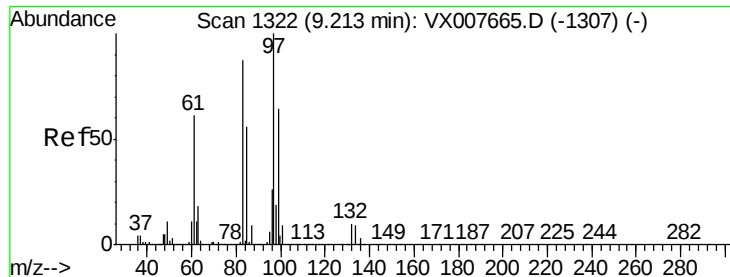
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.421 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.4
39	46.5	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 49.260 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

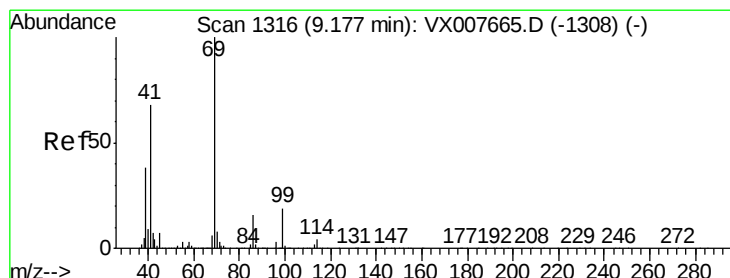
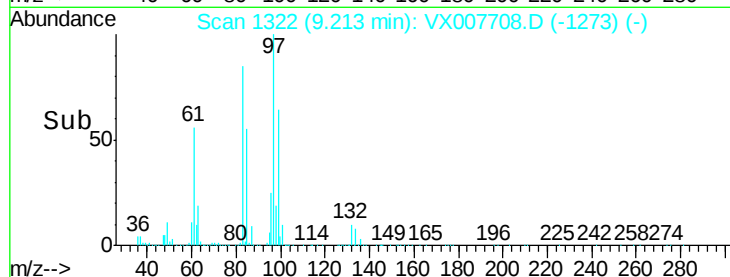
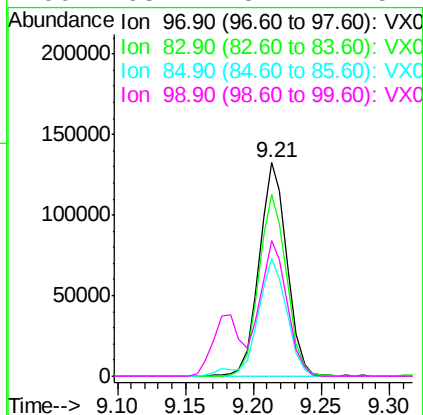
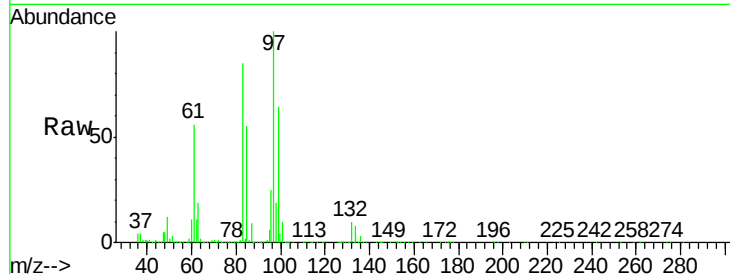
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	190989
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	102.8
85	54.8	44.5	66.7
99	63.4	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.789 ug/l

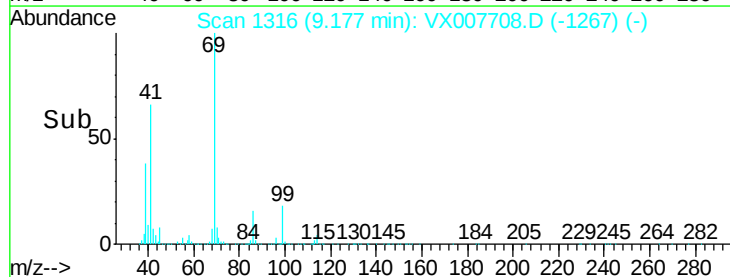
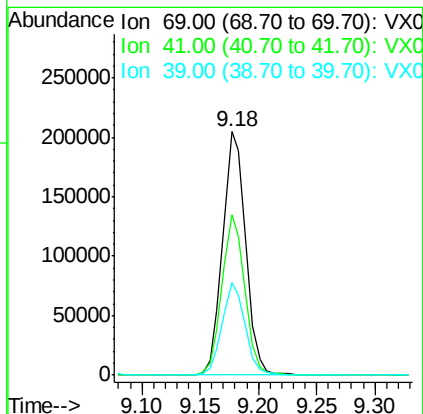
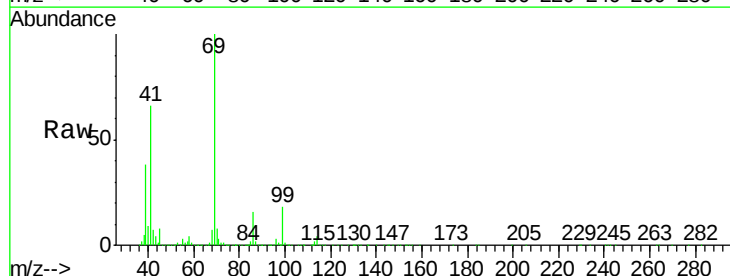
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	69	Resp:	280029
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	37.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 49.190 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 305293

Ion Ratio Lower Upper

76 100

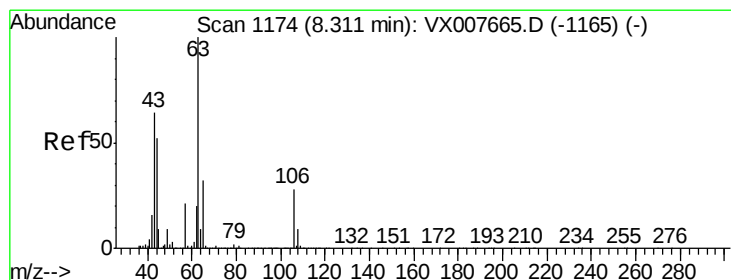
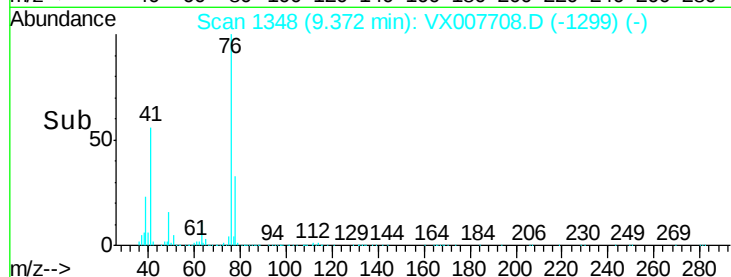
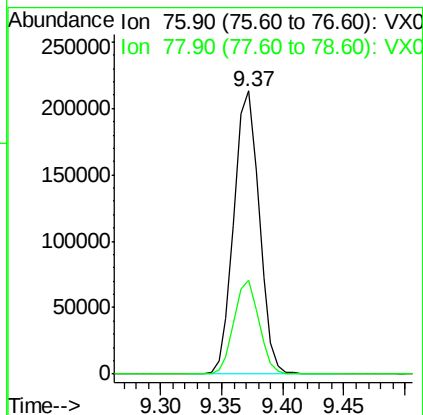
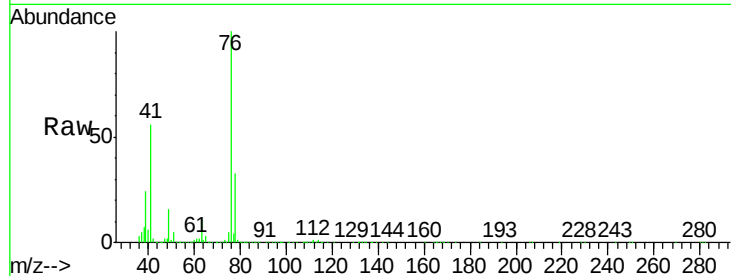
78 32.5 25.8 38.8

Manual Integrations

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2/26/2019 3:05:22 PM



#58

2-Chloroethyl Vinyl ether

Concen: 242.263 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007708.D

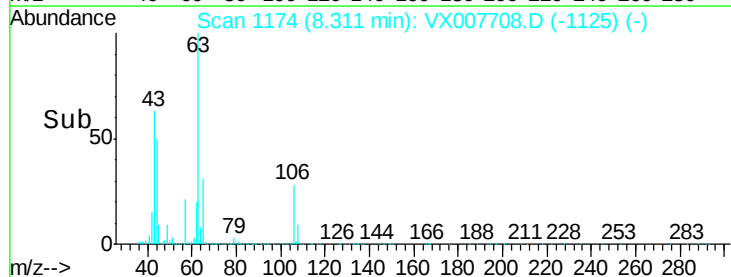
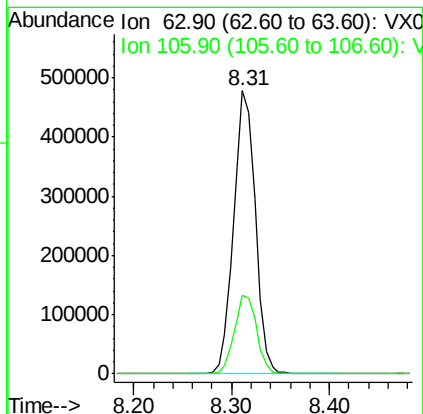
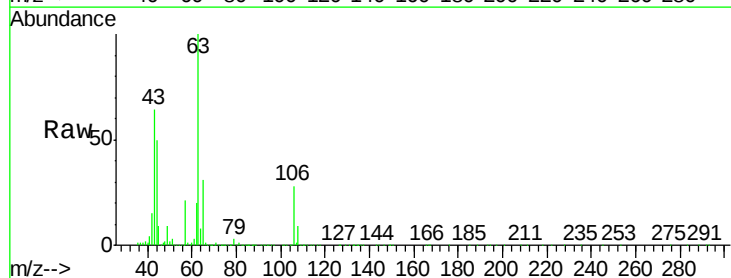
Acq: 26 Feb 2019 10:56

Tgt Ion: 63 Resp: 736593

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





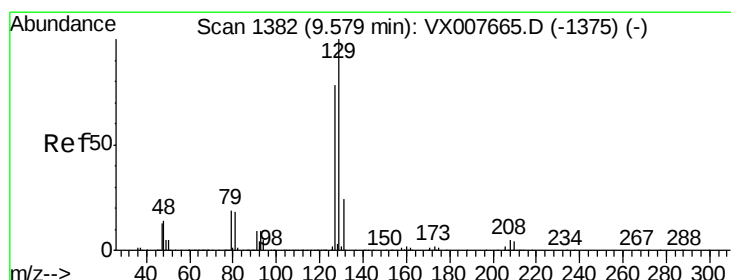
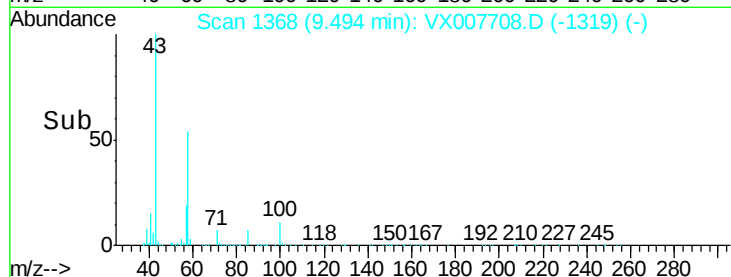
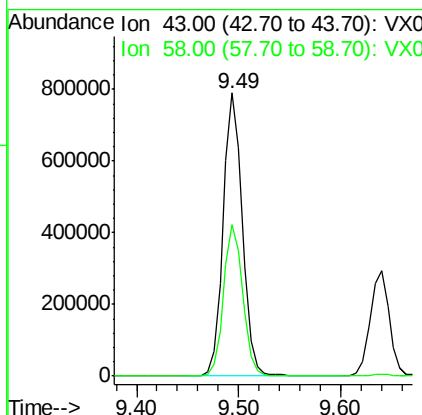
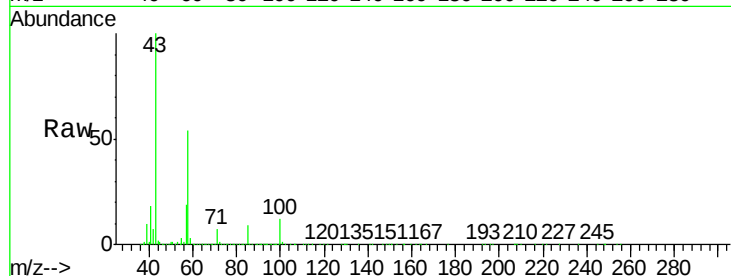
#59
2-Hexanone
Concen: 241.130 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1034778
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3

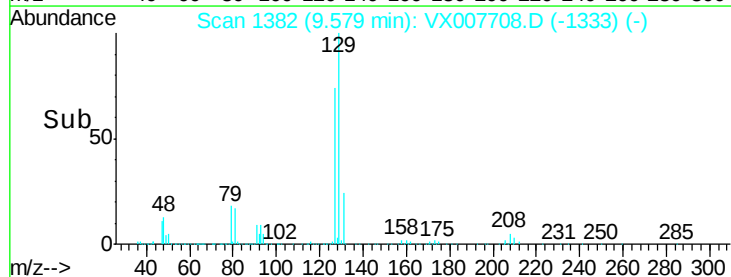
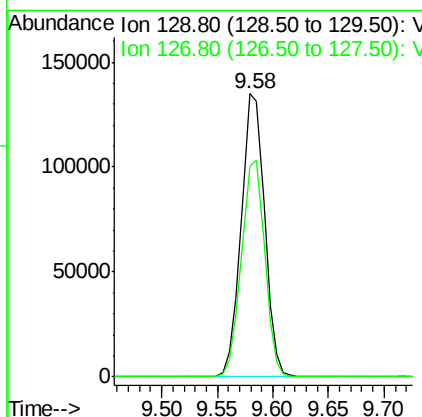
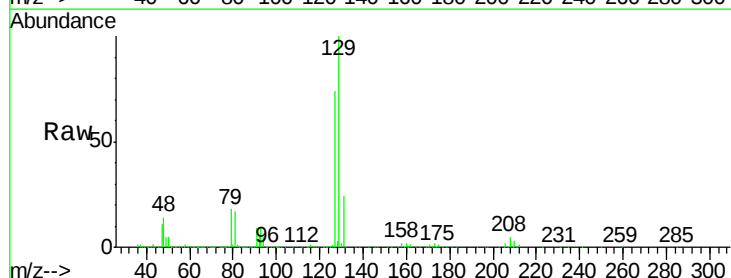
Manual Integrations
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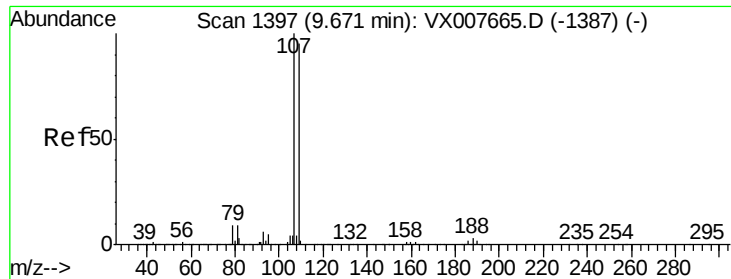
MMDadoda
2/26/2019 3:05:22 PM



#60
Dibromochloromethane
Concen: 52.962 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion: 129 Resp: 197585
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.794 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 204469

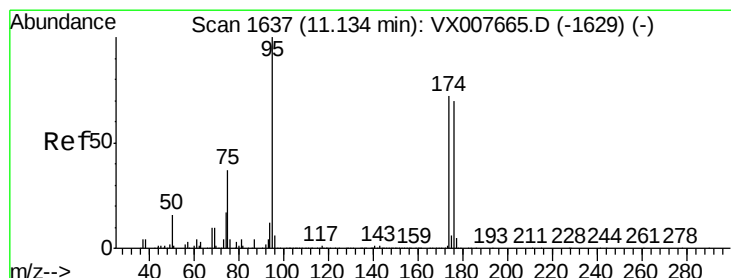
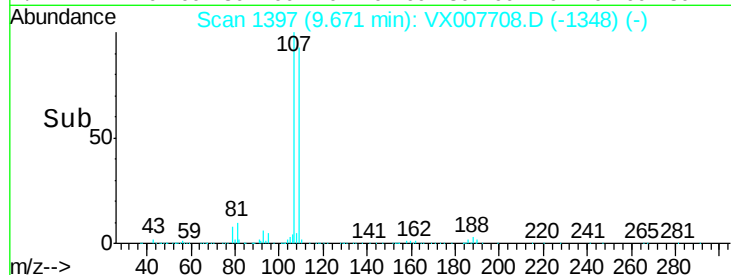
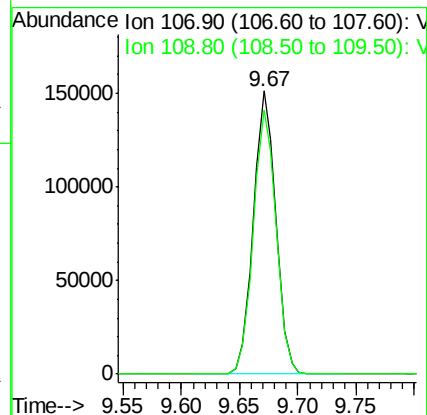
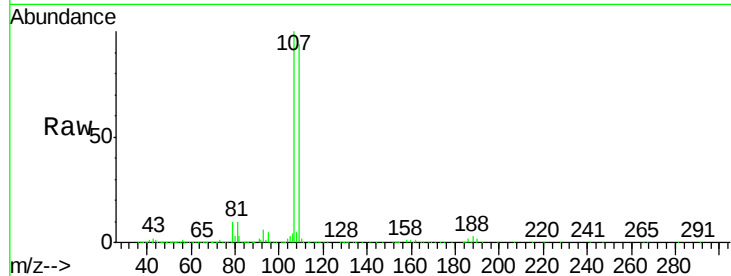
Ion Ratio Lower Upper

107 100

109 95.0 75.1 112.7

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2/26/2019 3:05:22 PM



#62

4-Bromofluorobenzene

Concen: 47.578 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

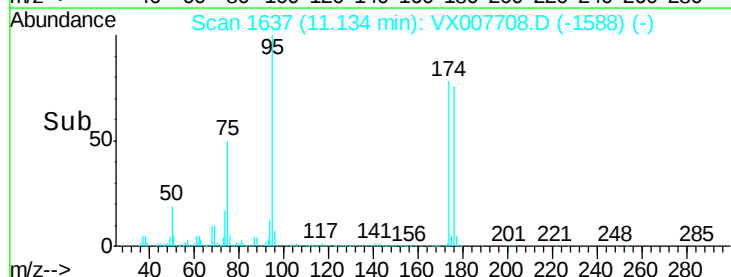
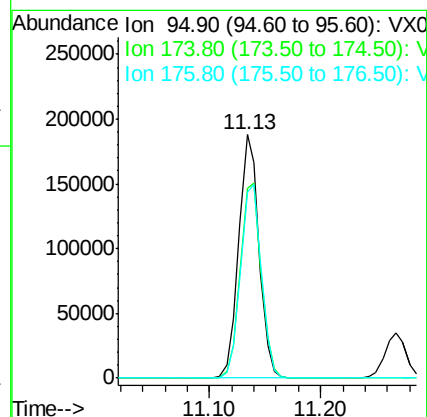
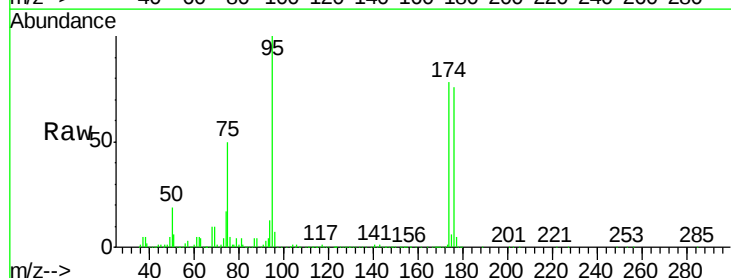
Tgt Ion: 95 Resp: 237430

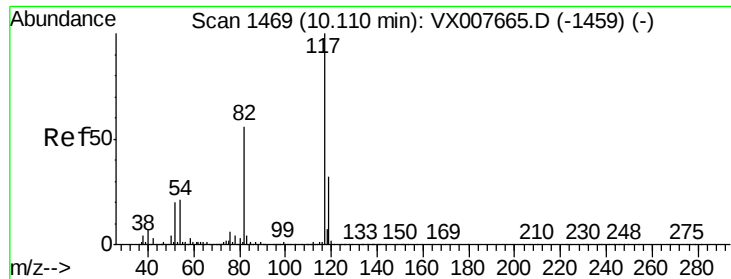
Ion Ratio Lower Upper

95 100

174 82.7 0.0 189.2

176 82.0 0.0 186.2





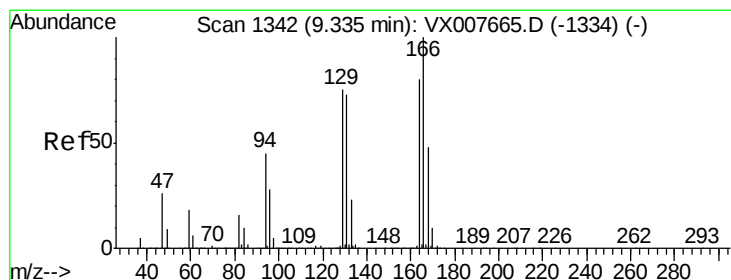
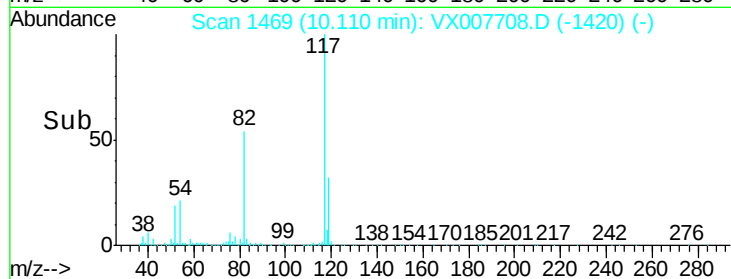
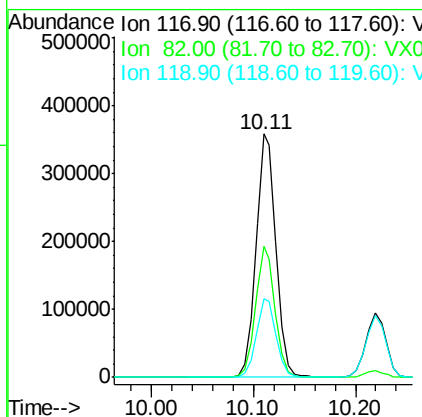
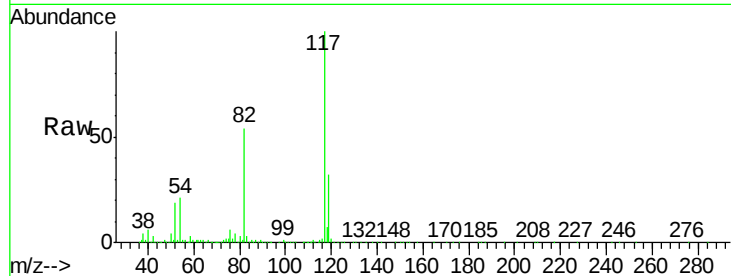
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.0	42.1	63.1
119	32.2	26.5	39.7

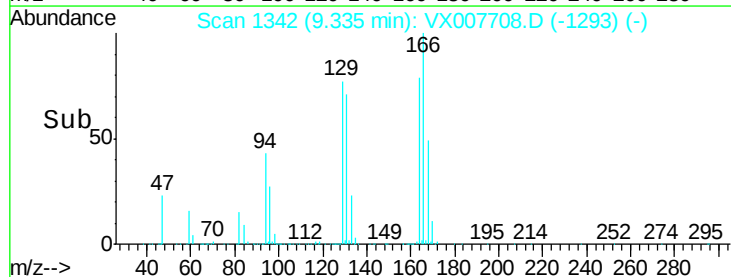
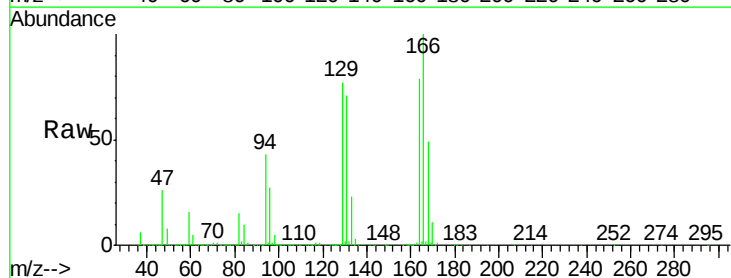
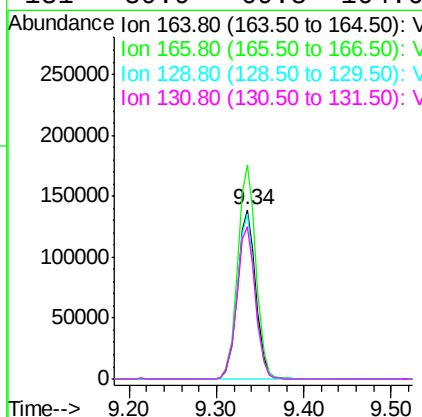
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 50.944 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.0	101.0	151.4
129	97.3	70.5	105.7
131	89.9	69.8	104.6





#65

Chlorobenzene

Concen: 48.693 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 518694

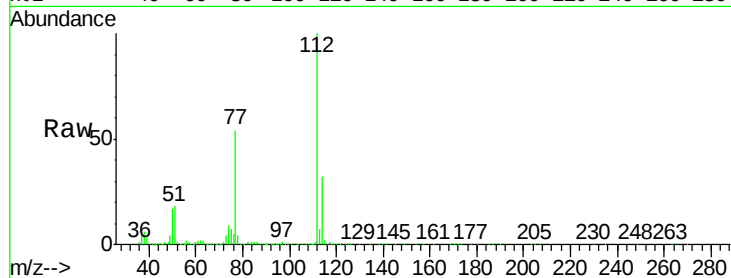
Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6

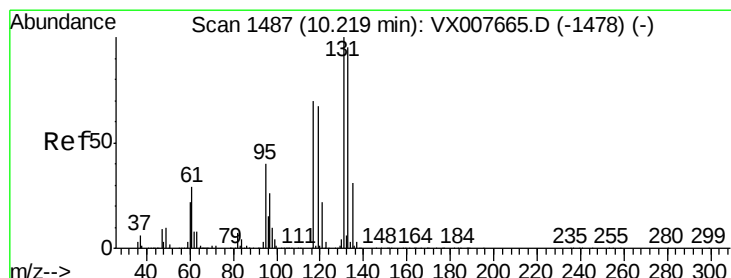
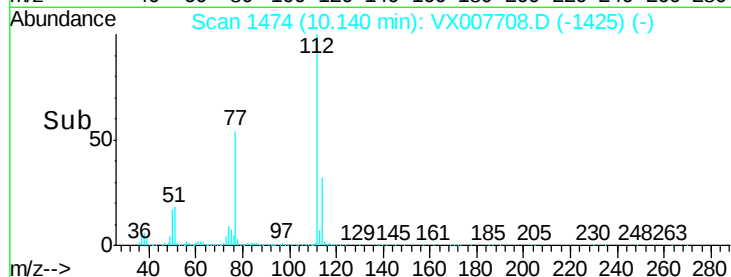
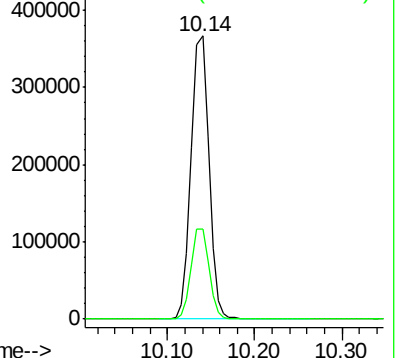
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.437 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

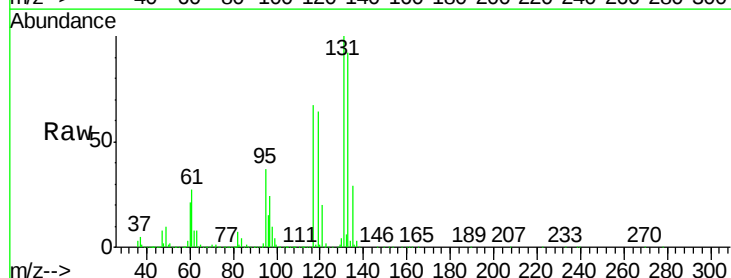
Tgt Ion:131 Resp: 187412

Ion Ratio Lower Upper

131 100

133 93.8 48.0 144.2

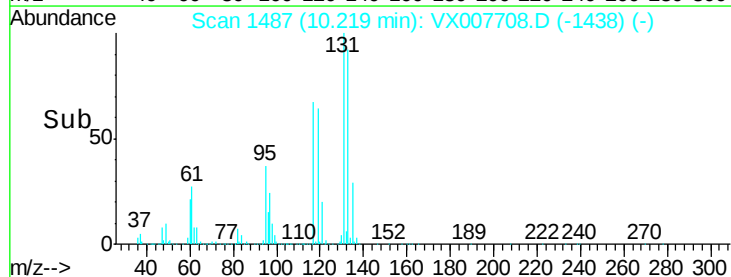
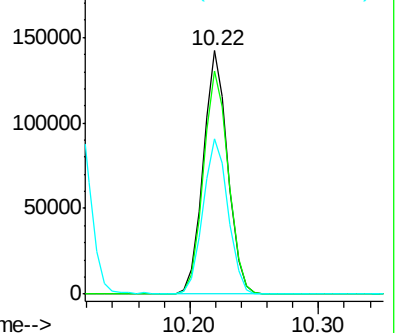
119 65.9 32.0 96.0

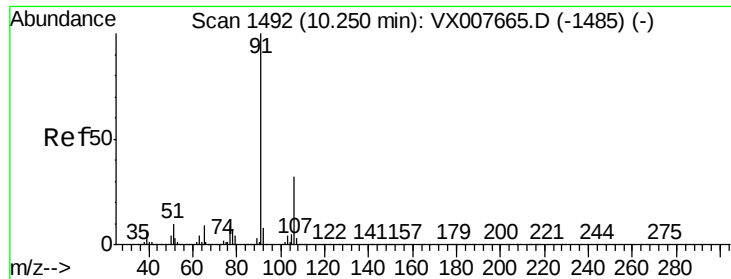


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





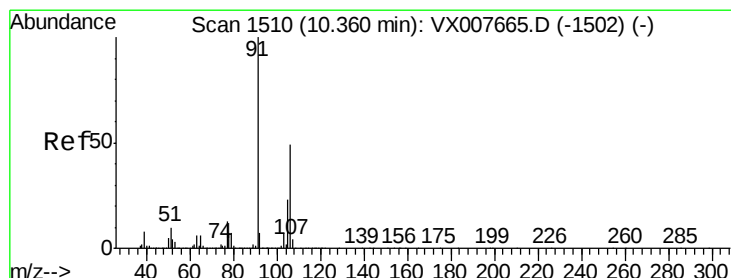
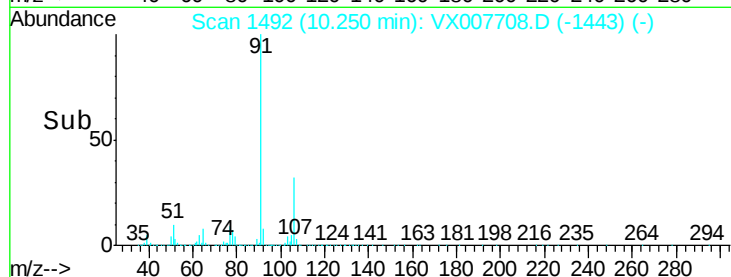
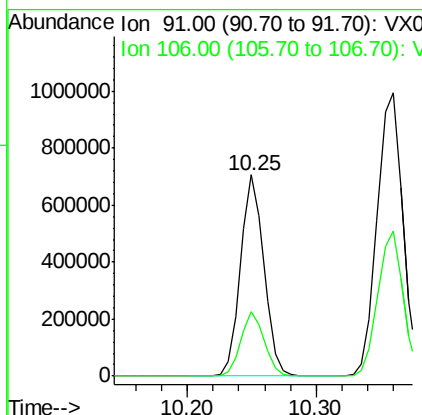
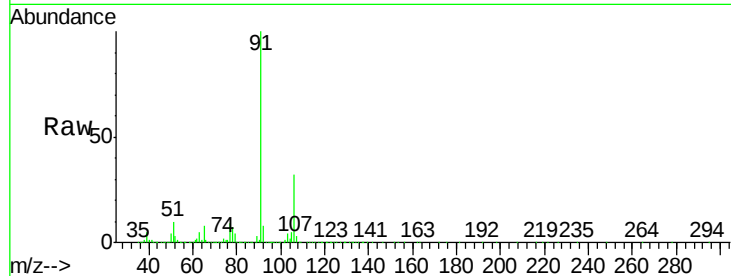
#67
Ethyl Benzene
Concen: 50.320 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 887947
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

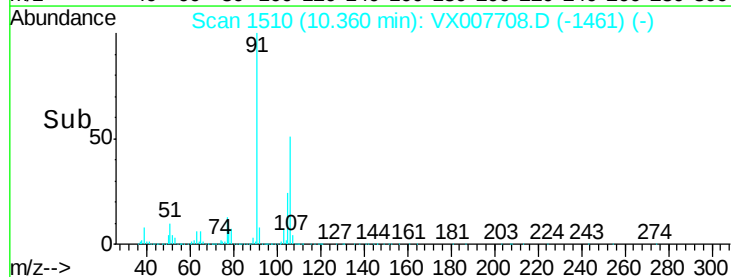
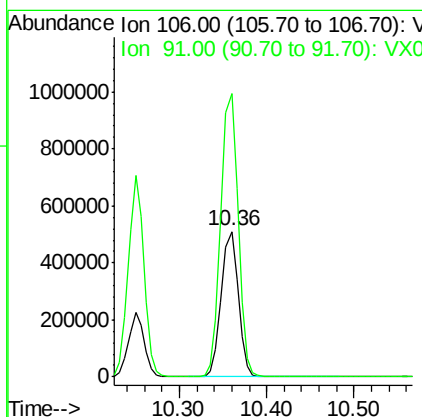
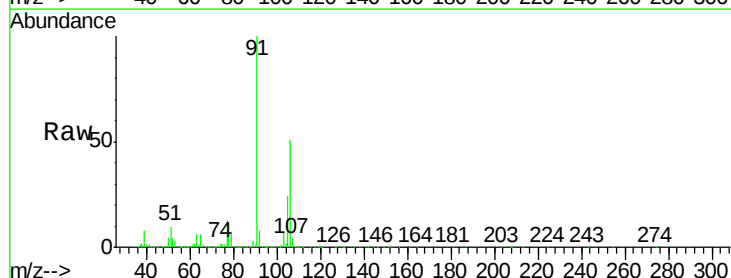
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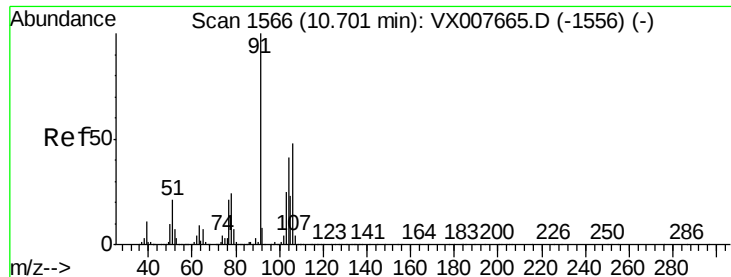
MMDadoda
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#68
m/p-Xylenes
Concen: 100.271 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion: 106 Resp: 688347
Ion Ratio Lower Upper
106 100
91 197.8 156.6 234.8





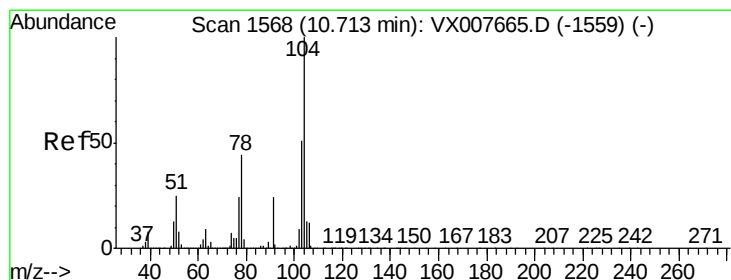
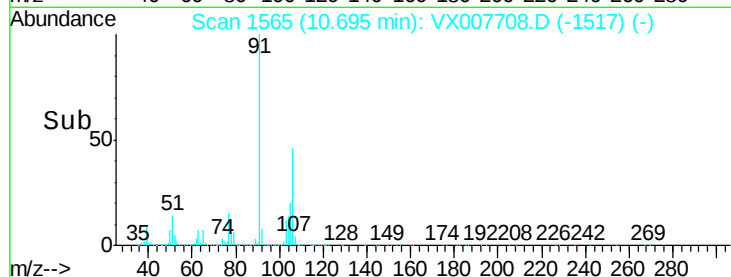
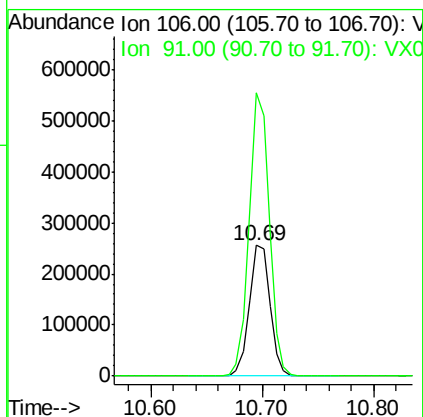
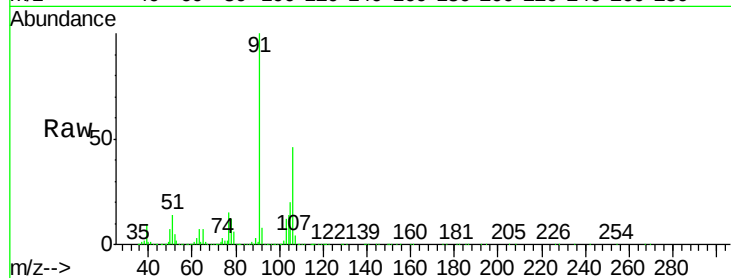
#69
o-Xylene
Concen: 50.366 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	102.9	308.7

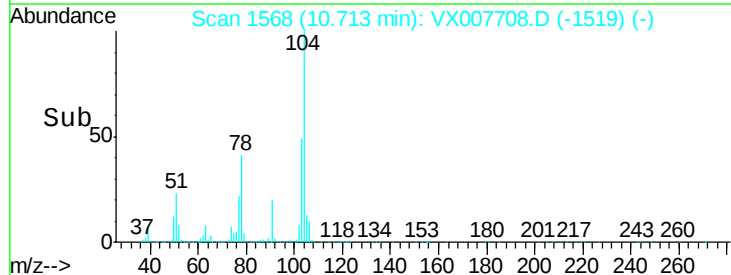
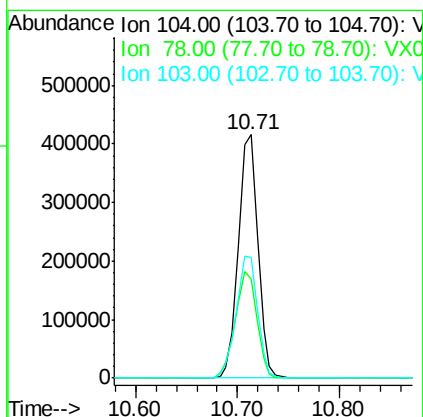
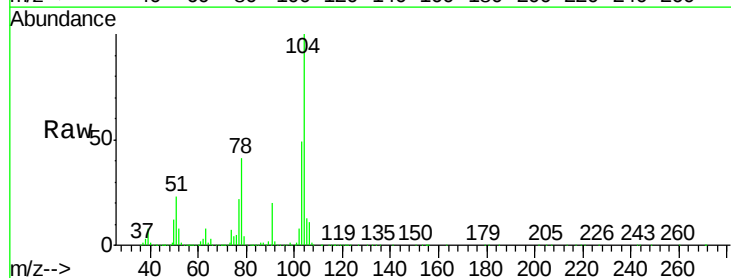
Manual Integrations
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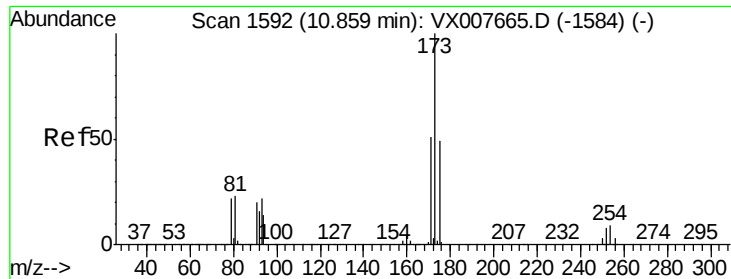
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#70
Styrene
Concen: 50.458 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.3	57.5
103	55.1	44.6	67.0





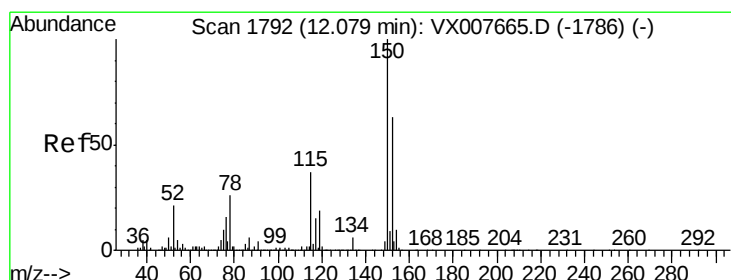
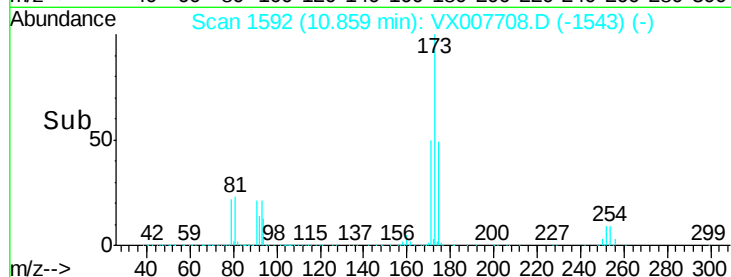
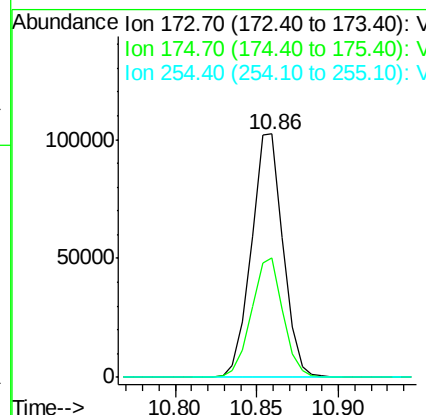
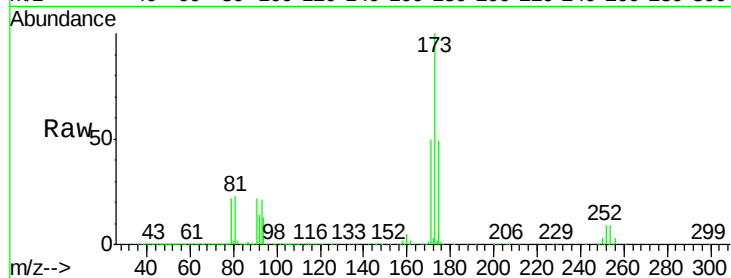
#71
Bromoform
Concen: 49.767 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.1	24.2	72.6	
254	0.2	0.2	0.2	

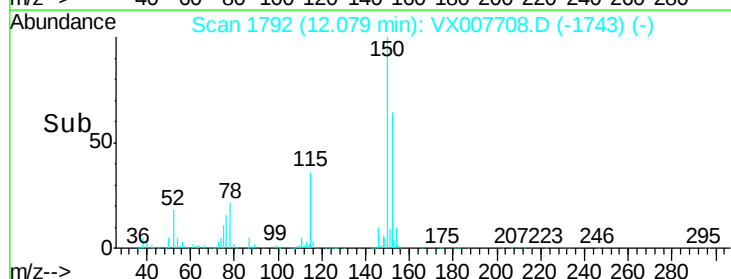
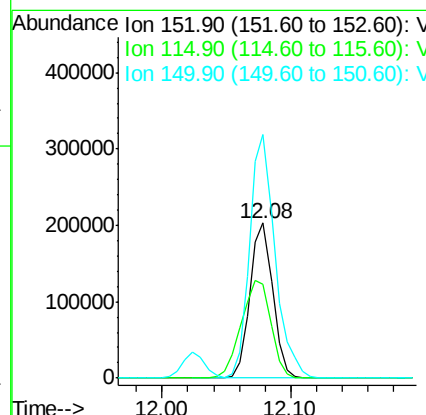
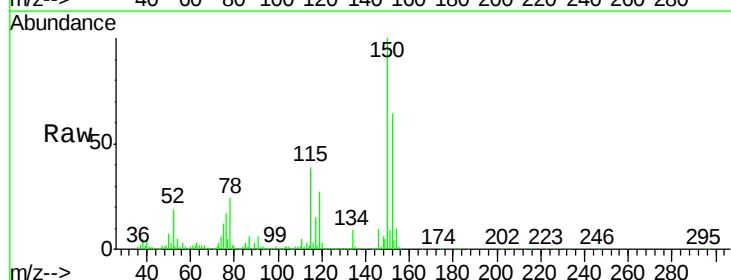
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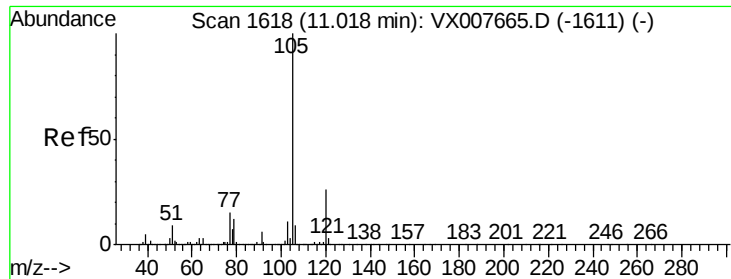
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	82.6	38.0	114.0	
150	174.6	0.0	346.4	





#73

Isopropylbenzene

Concen: 50.911 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 895675

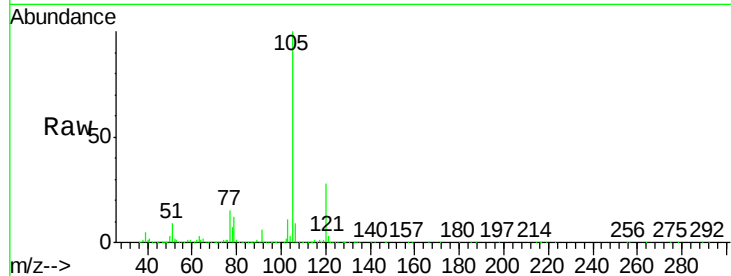
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7

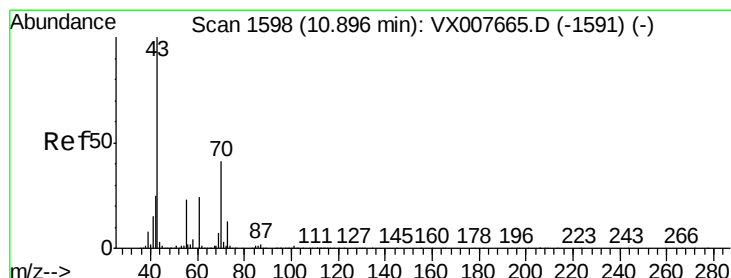
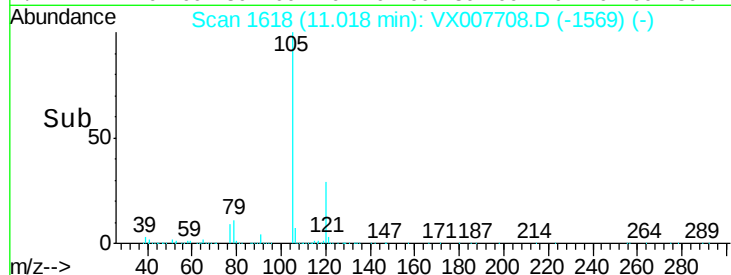
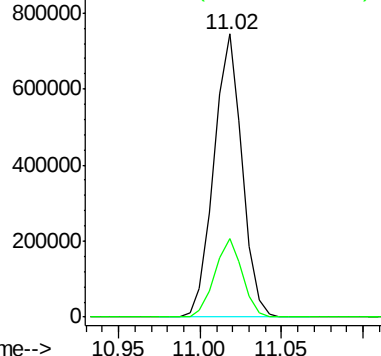
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion: 43 Resp: 377456

Ion Ratio Lower Upper

43 100

70 41.3 33.8 50.6

55 24.2 19.5 29.3

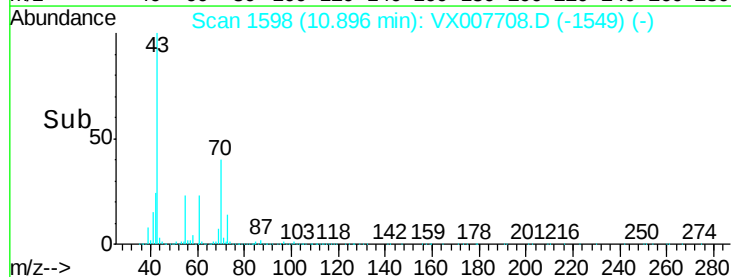
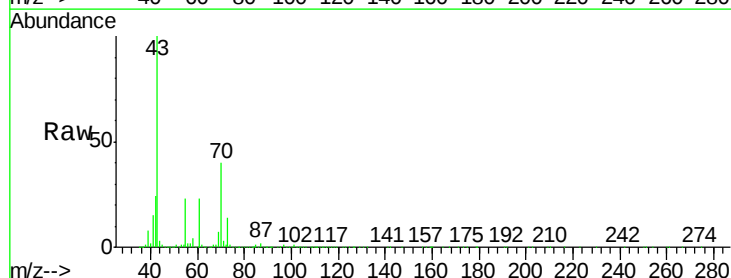
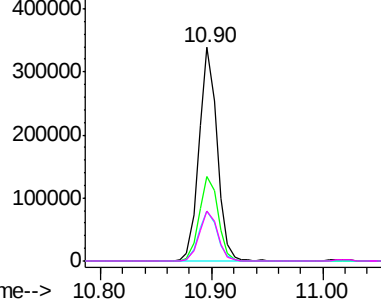
61 23.9 19.4 29.2

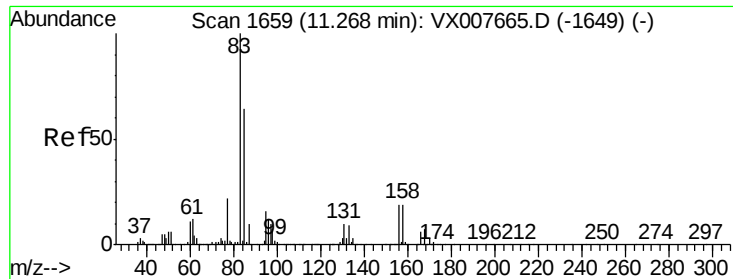
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.466 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

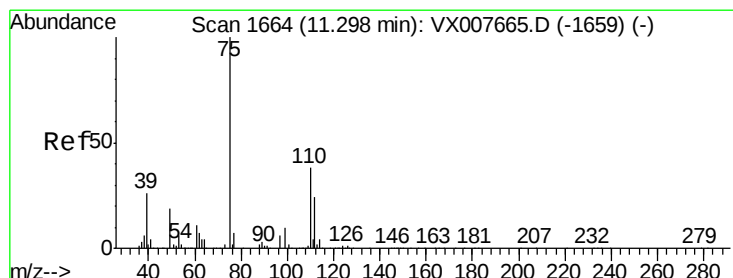
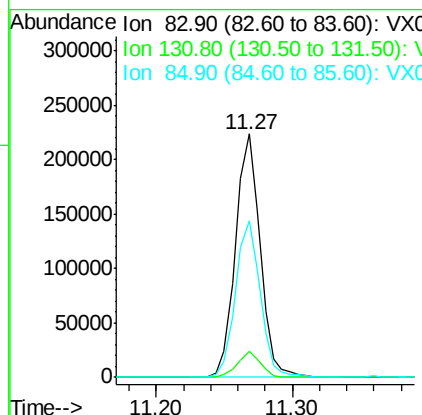
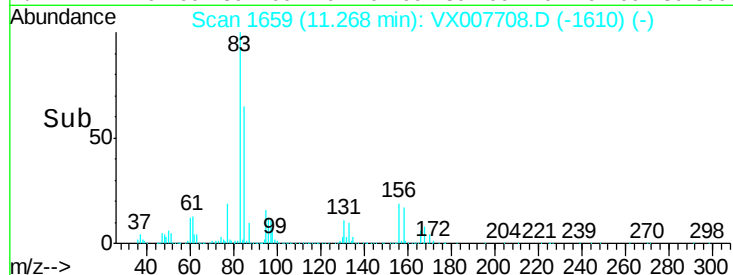
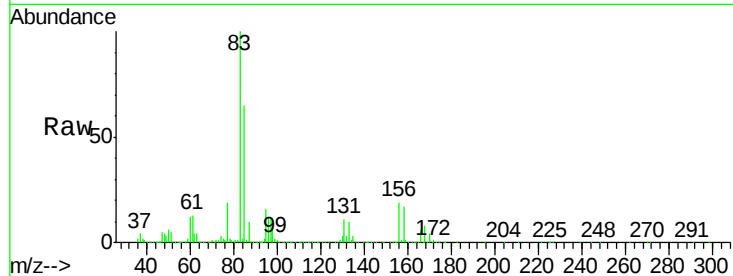
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	282741
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.7	17.0
85	64.9	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.548 ug/l m

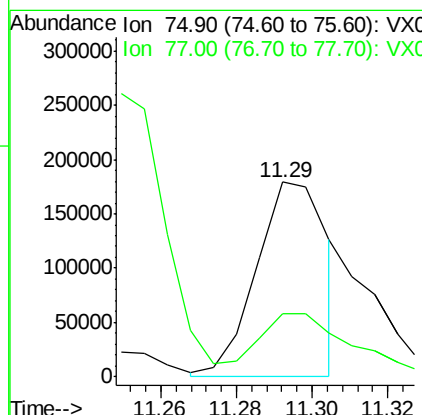
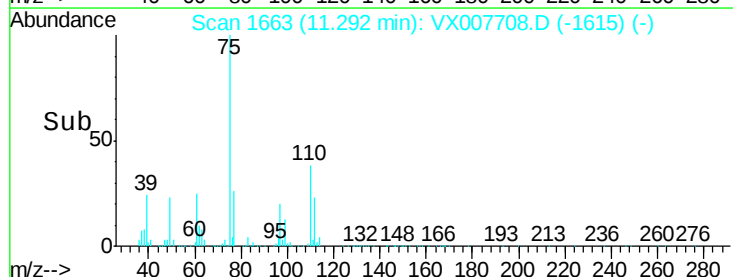
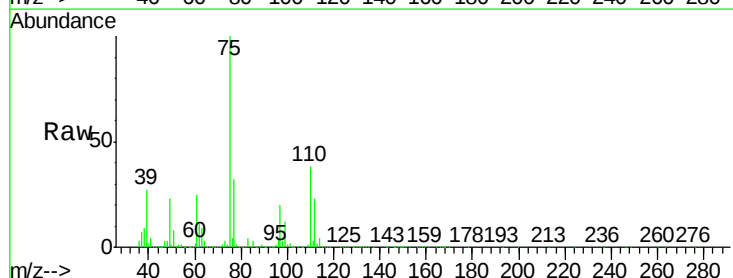
RT: 11.29 min Scan# 1663

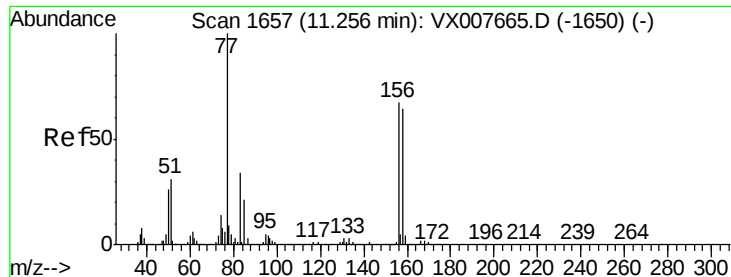
Delta R.T. -0.01 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	75	Resp:	233738
Ion Ratio	Lower	Upper	
75	100		
77	43.6	23.0	69.0





#77

Bromobenzene

Concen: 51.115 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

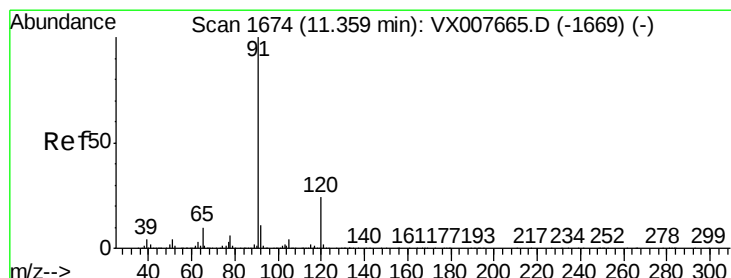
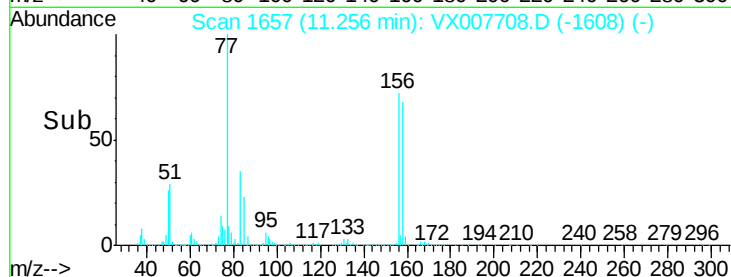
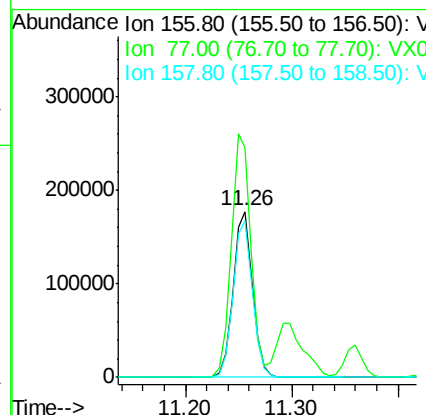
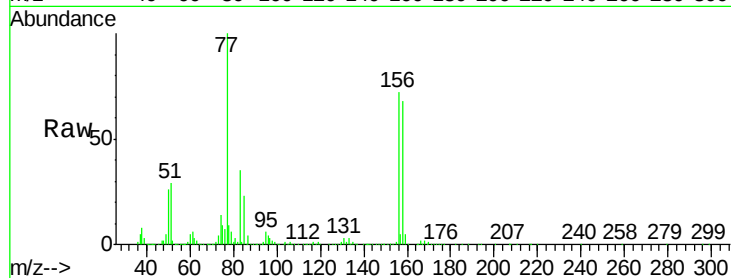
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	225557
Ion Ratio	Lower	Upper	
156	100		
77	147.9	66.8	200.6
158	95.2	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.032 ug/l

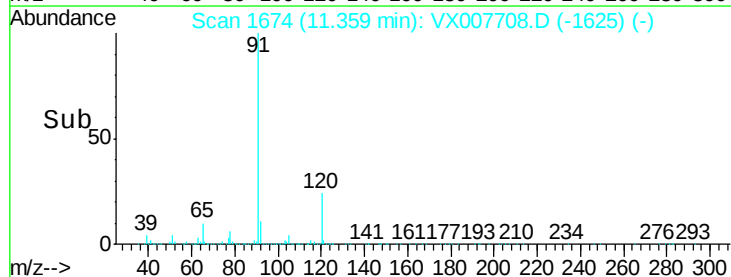
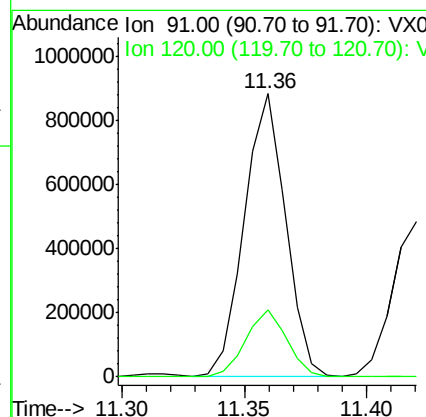
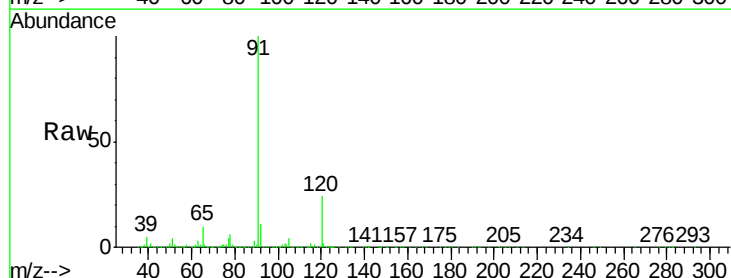
RT: 11.36 min Scan# 1674

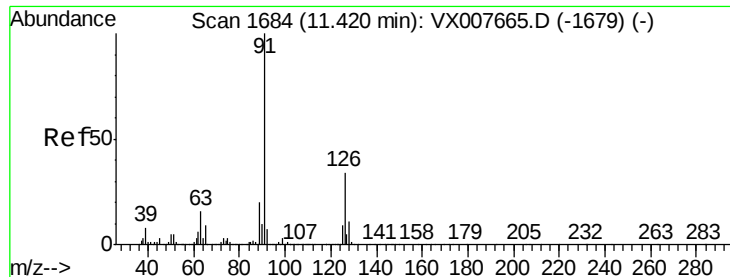
Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Tgt Ion:	91	Resp:	1034417
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.4	37.2





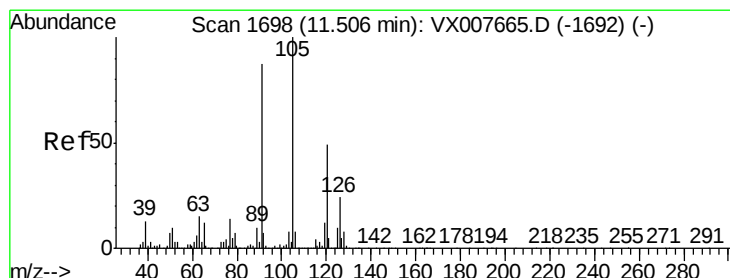
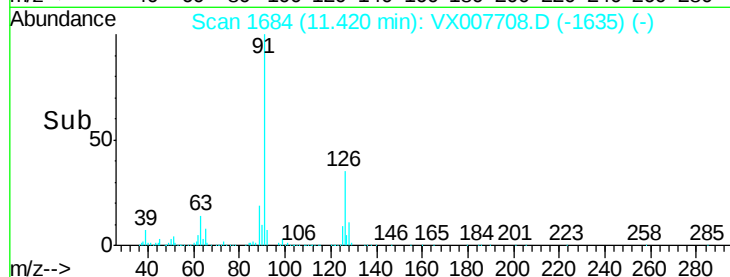
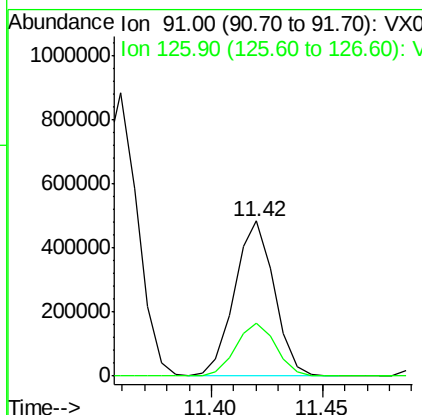
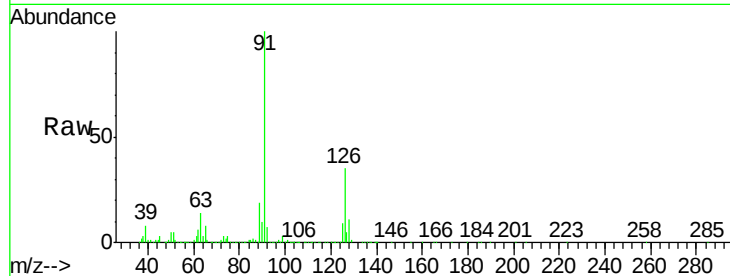
#79
 2-Chlorotoluene
 Concen: 50.080 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 599481
 Ion Ratio Lower Upper
 91 100
 126 34.7 18.7 56.1

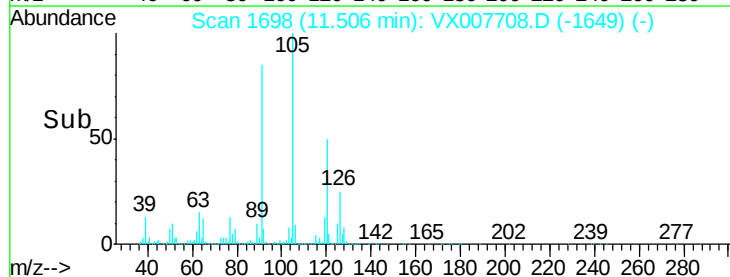
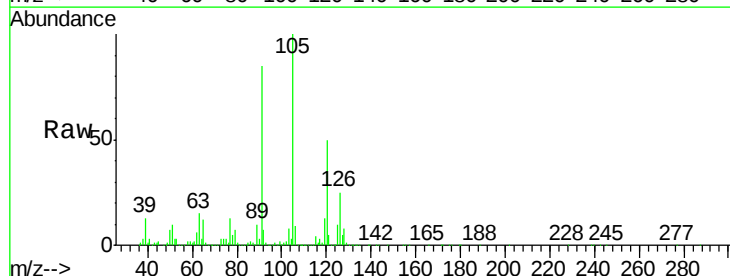
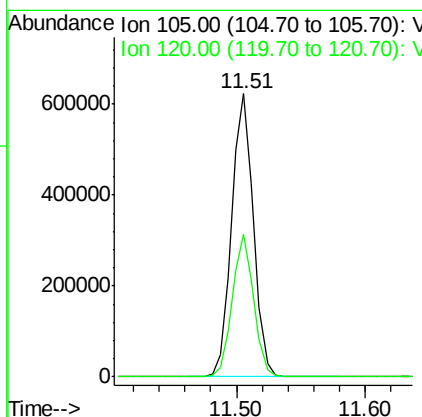
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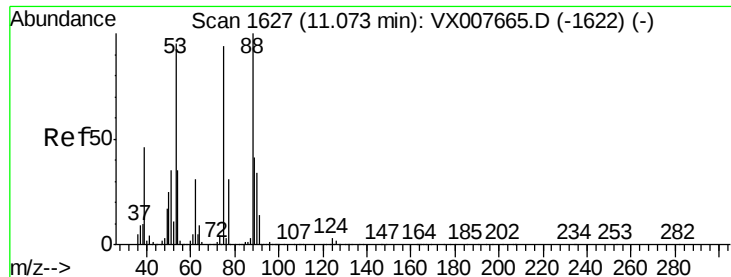
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.930 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion: 105 Resp: 737021
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.3 75.8





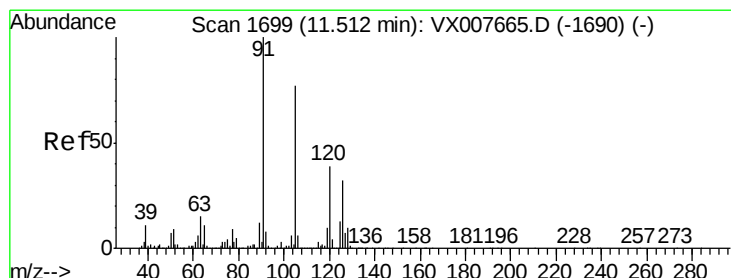
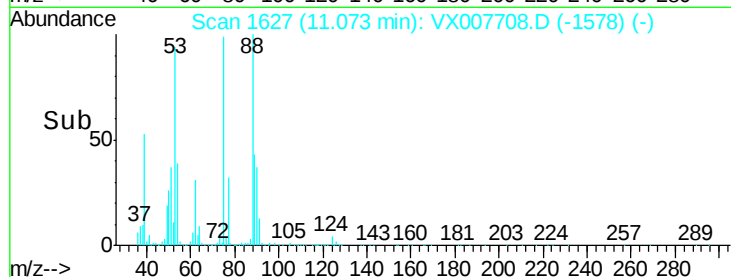
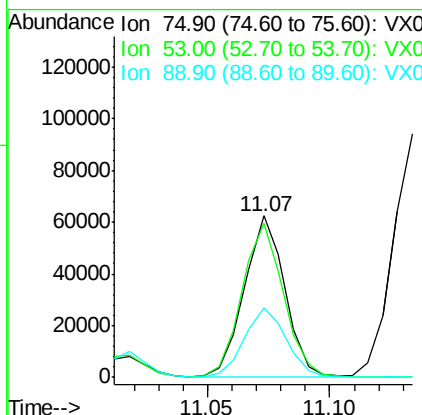
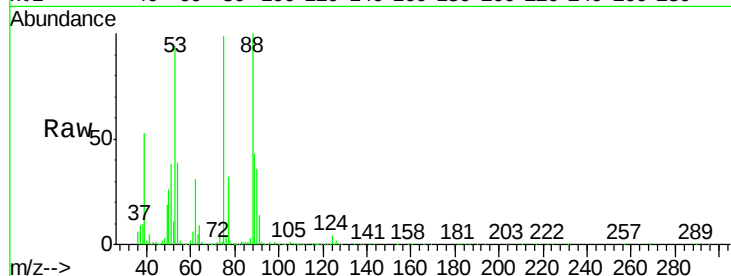
#81
trans-1,4-Dichloro-2-butene
Concen: 37.273 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	81.0	121.6
89	45.5	41.4	62.0

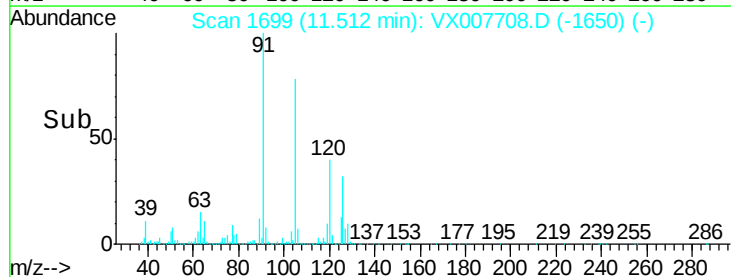
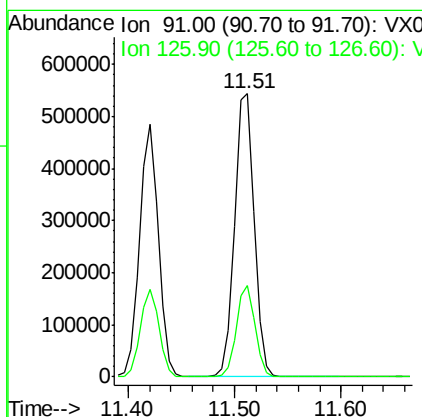
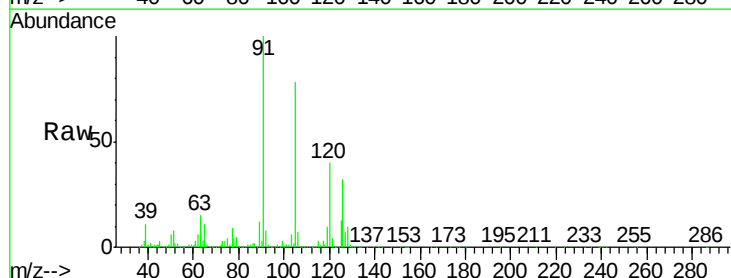
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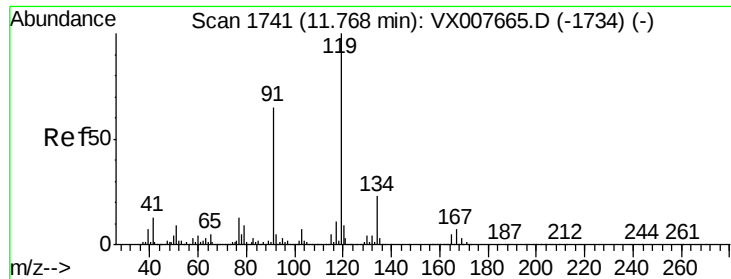
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#82
4-Chlorotoluene
Concen: 50.233 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.2	48.5





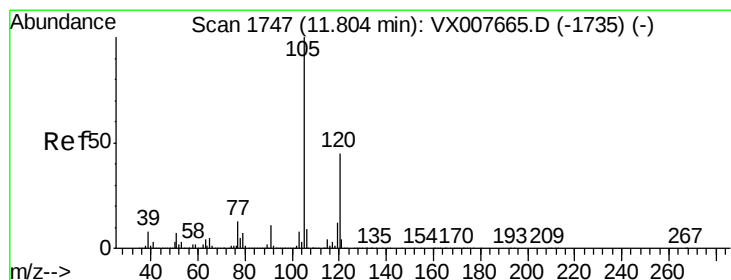
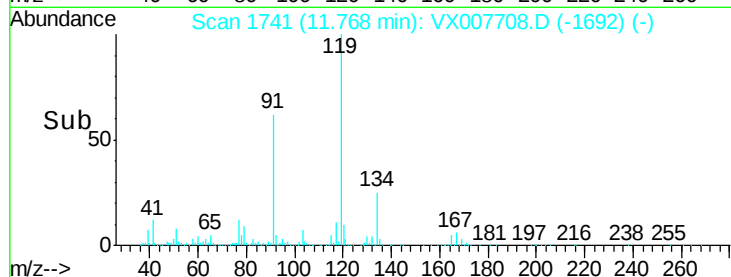
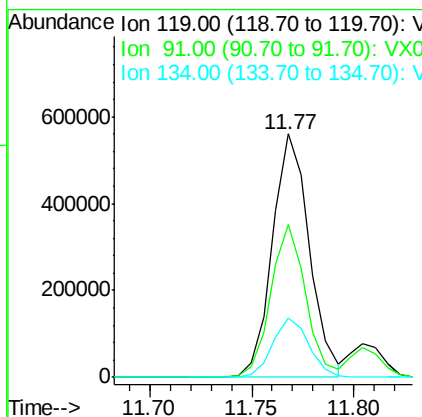
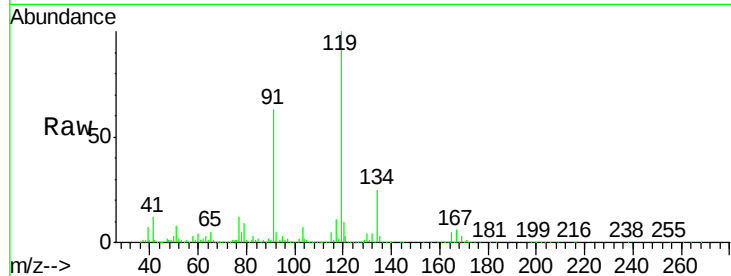
#83
tert-Butylbenzene
Concen: 50.927 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	707608		
91	59.5		28.5	85.6
134	24.0		12.0	36.0

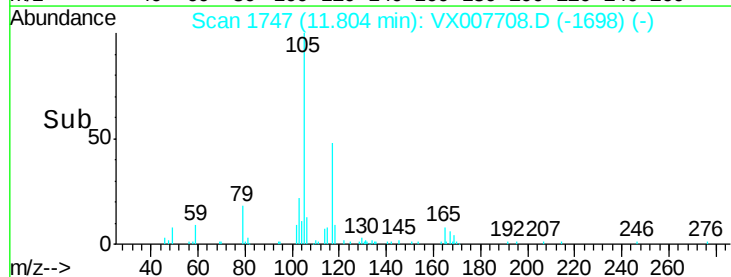
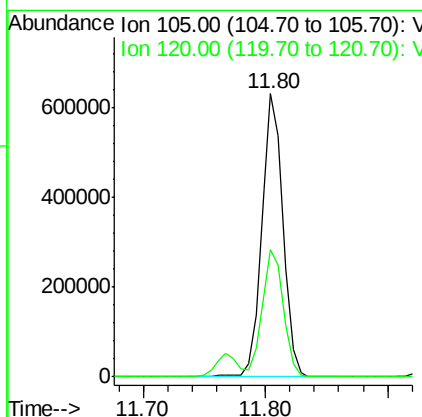
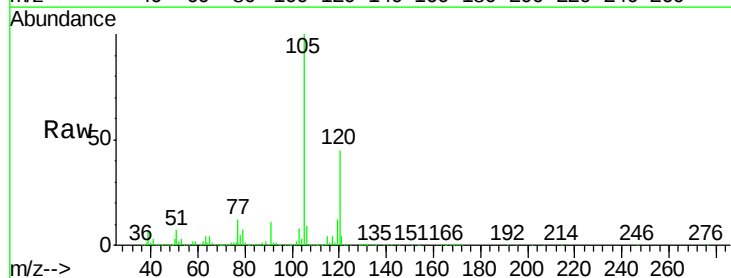
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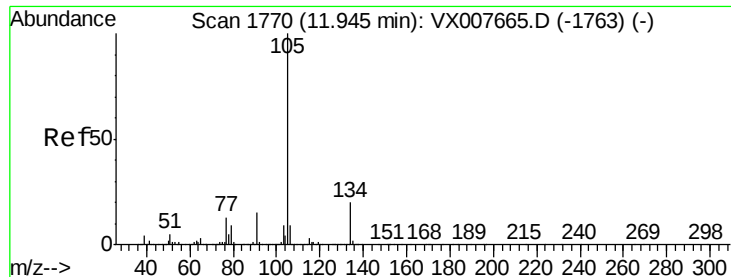
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#84
1,2,4-Trimethylbenzene
Concen: 51.532 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	762804		
120	44.6		23.1	69.3





#85

sec-Butylbenzene

Concen: 51.888 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 903437

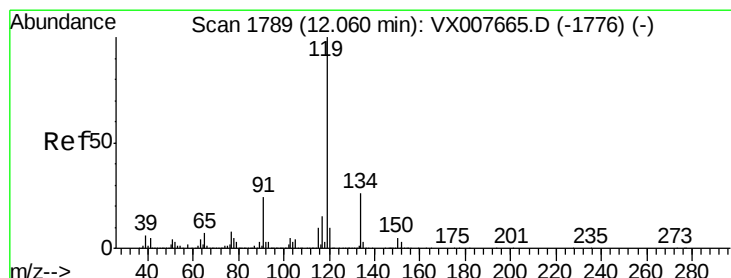
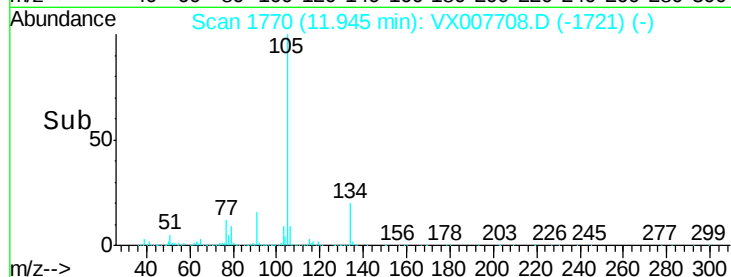
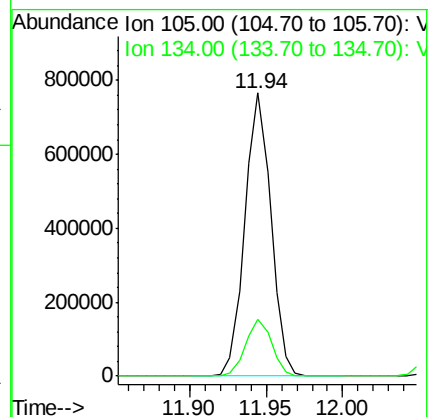
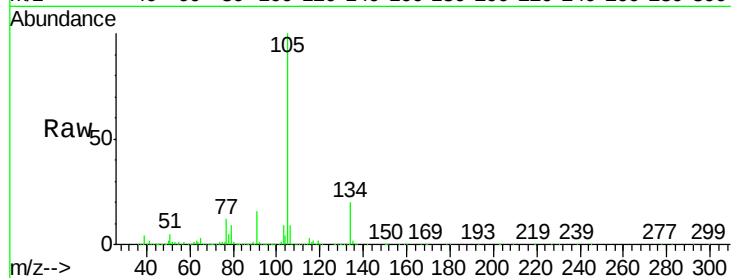
Ion Ratio Lower Upper

105 100

134 20.3 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.756 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007708.D

Acq: 26 Feb 2019 10:56

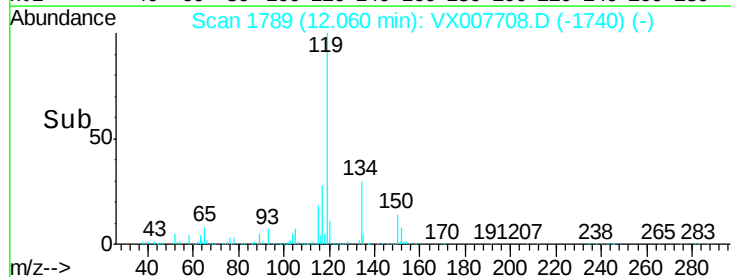
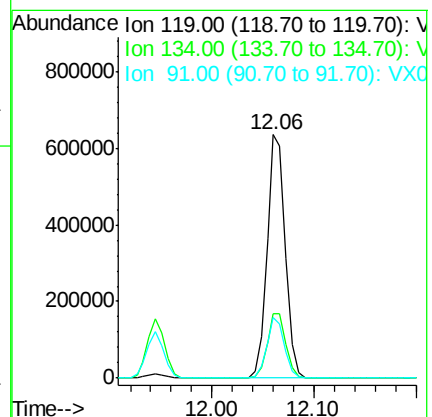
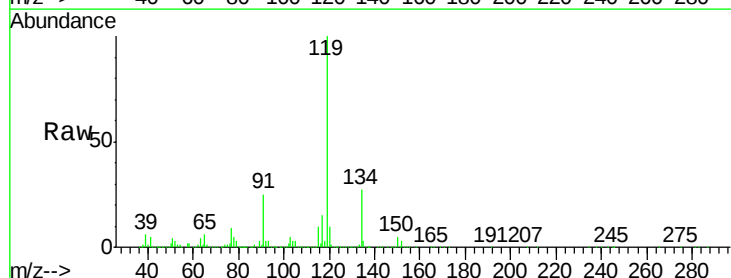
Tgt Ion:119 Resp: 789182

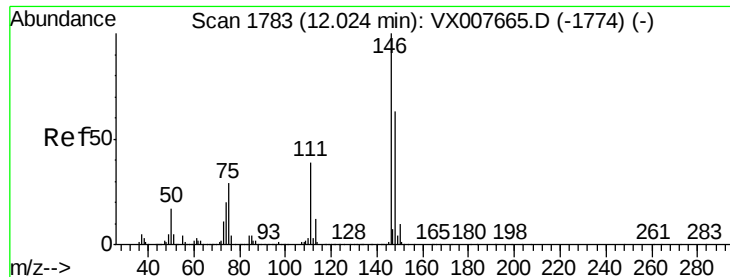
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 24.1 11.2 33.5





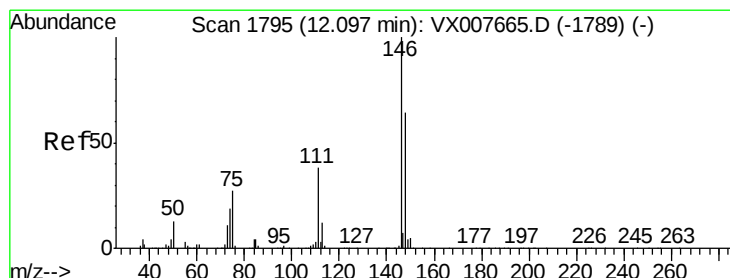
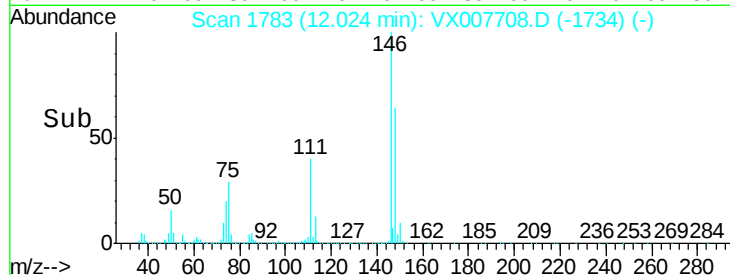
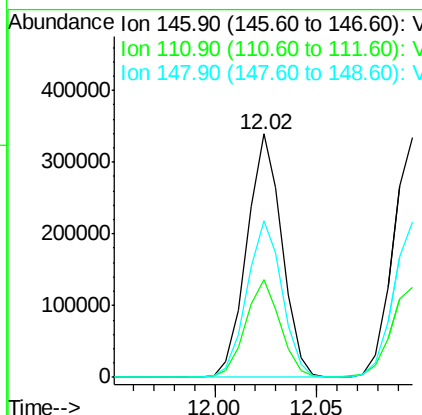
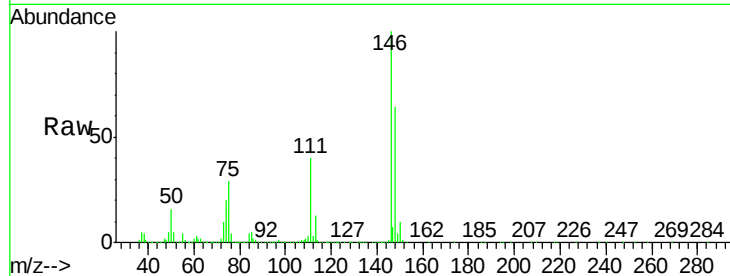
#87
 1,3-Dichlorobenzene
 Concen: 49.621 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.1
148	64.6	32.0	96.2

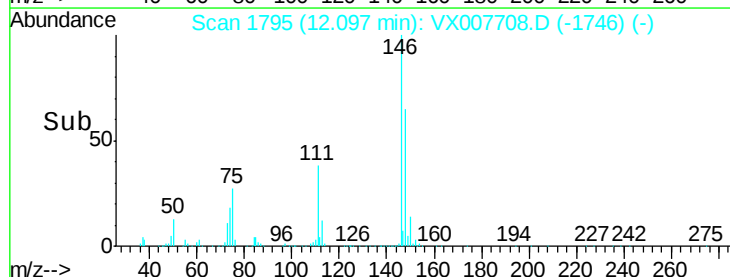
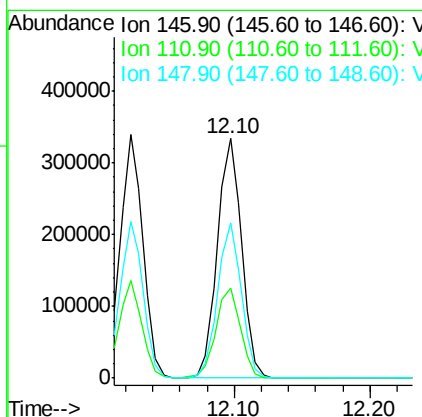
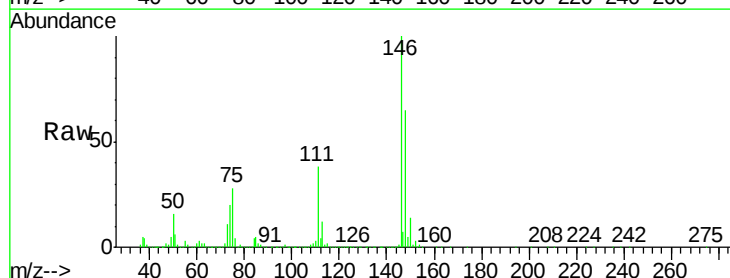
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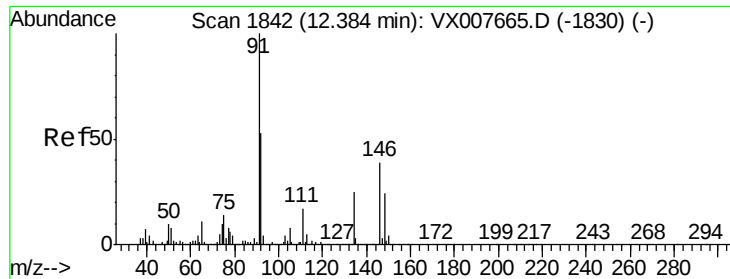
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#88
 1,4-Dichlorobenzene
 Concen: 49.213 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	63.4	32.3	96.9





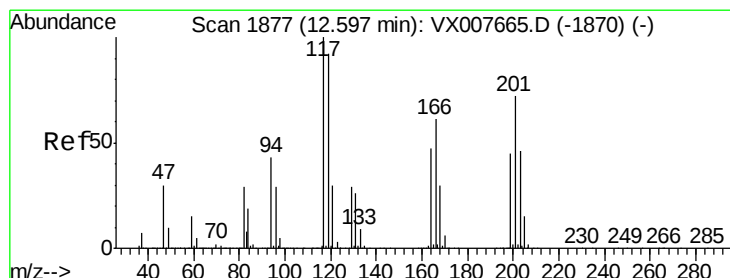
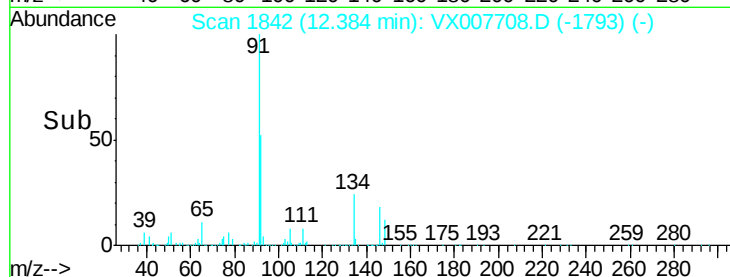
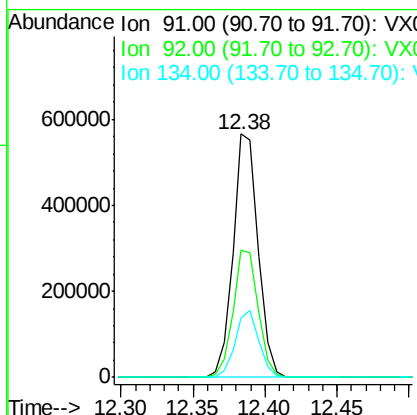
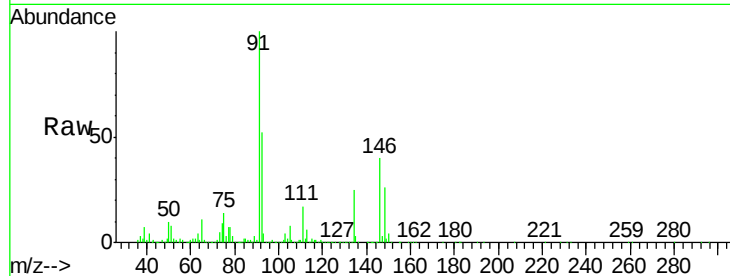
#89
n-Butylbenzene
Concen: 50.620 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.2	13.9	41.6

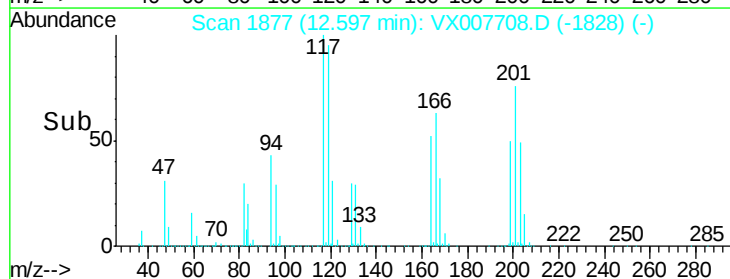
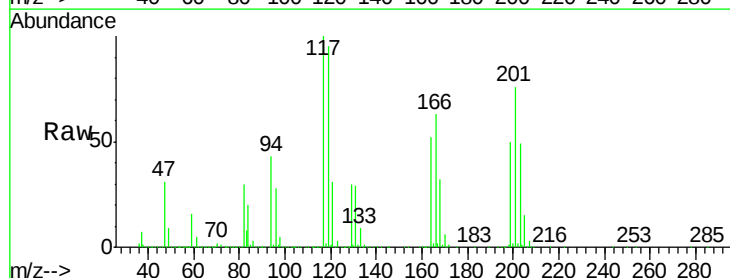
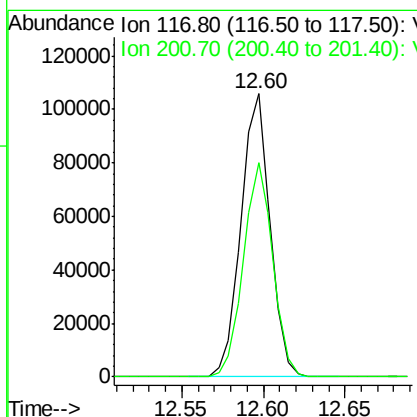
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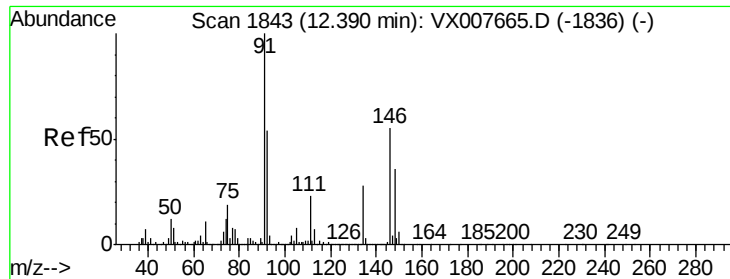
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#90
Hexachloroethane
Concen: 51.350 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	44.9	134.7





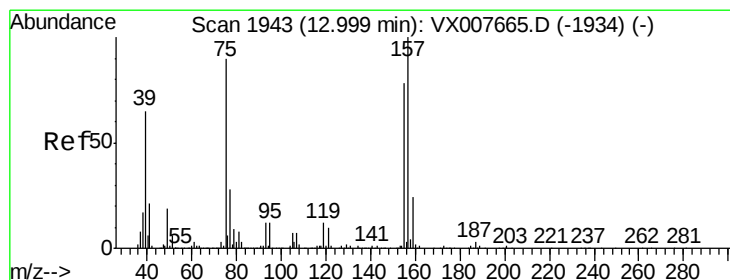
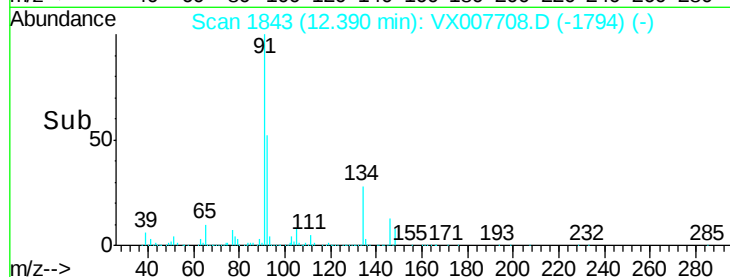
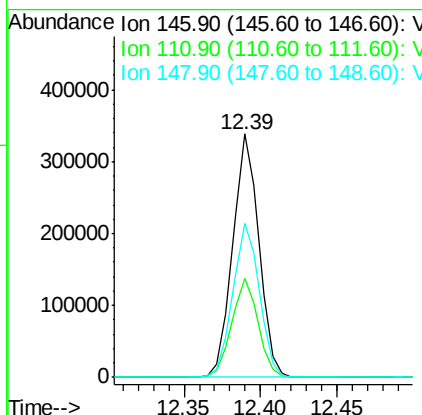
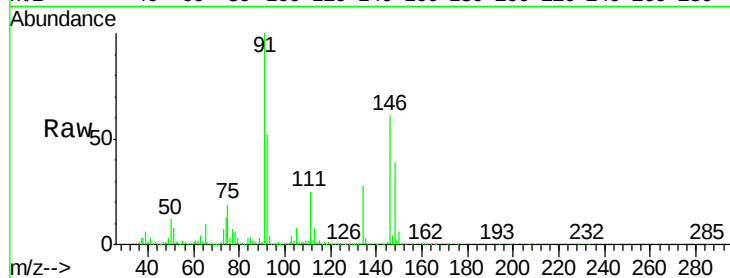
#91
 1,2-Dichlorobenzene
 Concen: 48.981 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.1	57.3
148	64.0	32.1	96.3

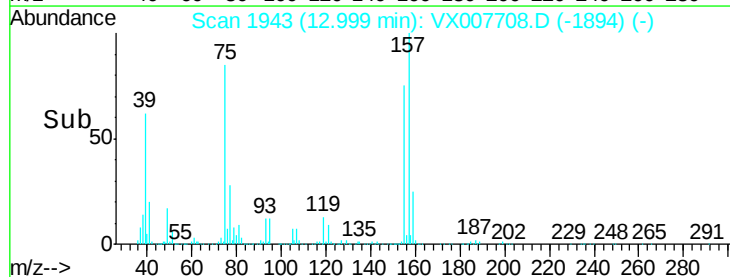
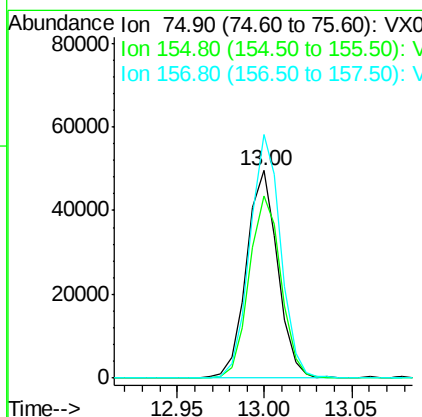
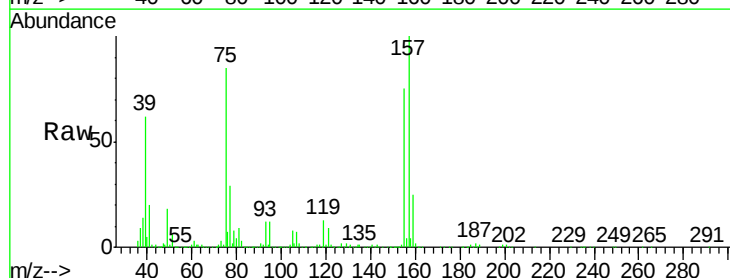
Manual Integrations
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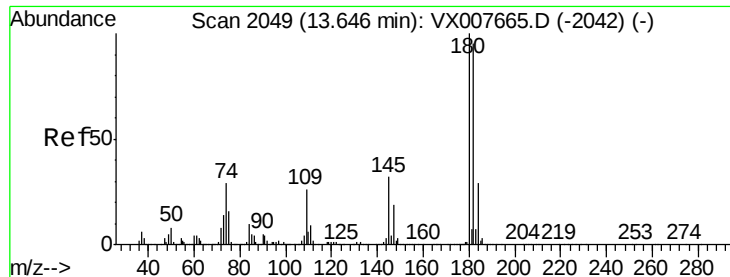
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.218 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	49.6	149.0
157	116.1	65.1	195.3





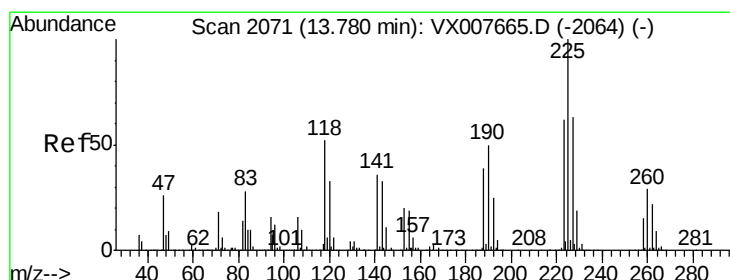
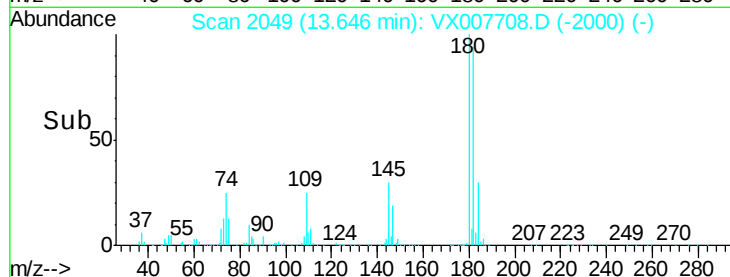
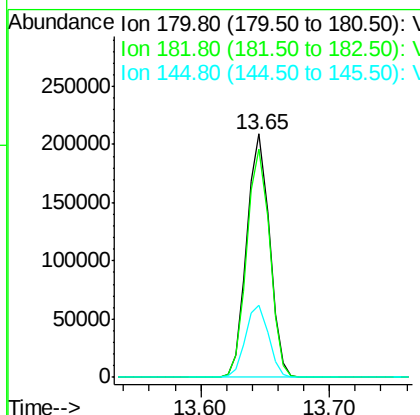
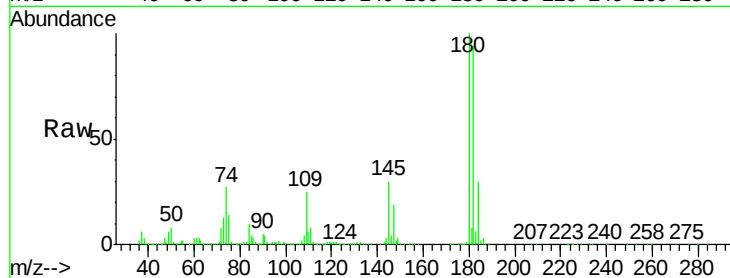
#93
 1,2,4-Trichlorobenzene
 Concen: 50.811 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	254009		
182	94.4	47.8	143.3	
145	30.3	14.1	42.2	

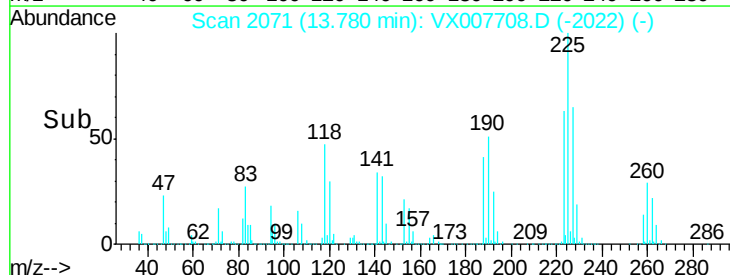
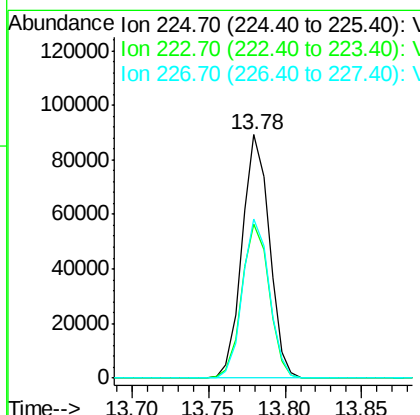
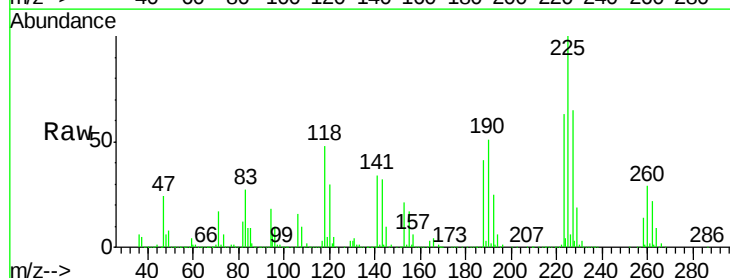
Manual Integrations
 APPROVED

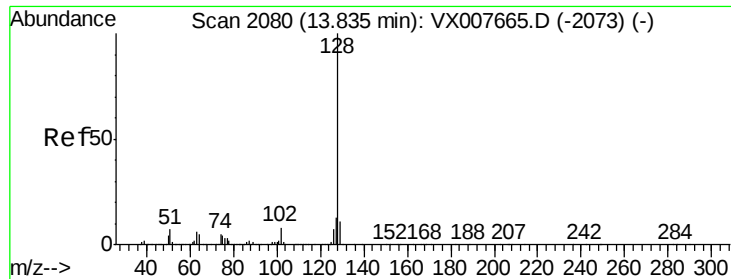
MMDadoda
 2/26/2019 3:05:22 PM



#94
 Hexachlorobutadiene
 Concen: 48.269 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007708.D
 Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110388		
223	63.4	31.6	94.8	
227	64.1	32.1	96.3	





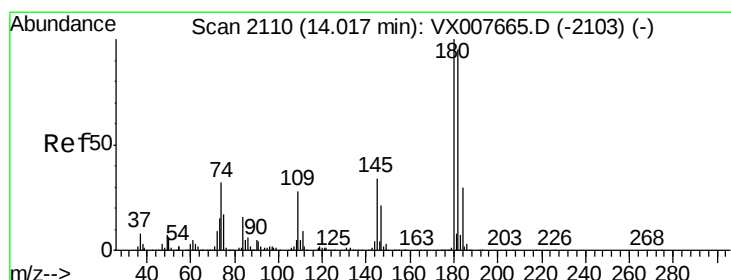
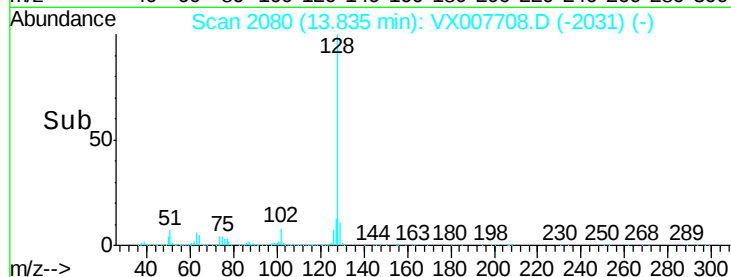
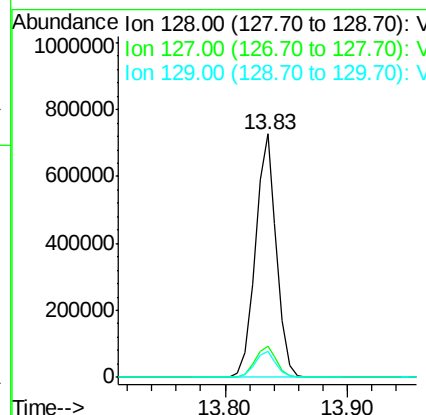
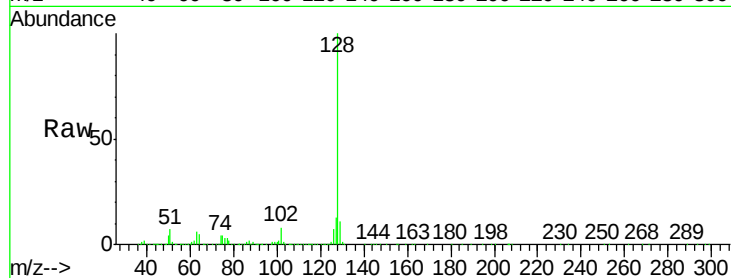
#95
Naphthalene
Concen: 53.208 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.777 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007708.D
Acq: 26 Feb 2019 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	32.1	14.9	44.5

