

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030519\
 Data File : VX007827.D
 Acq On : 05 Mar 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:26 AM

Quant Time: Mar 05 14:12:13 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	340134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	182443	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	5.50	113	162788	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	8.71	98	602225	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	217027	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134102	42.799	ug/l	99
3) Chloromethane	1.33	50	161503	46.514	ug/l	98
4) Vinyl Chloride	1.41	62	171727	48.207	ug/l	100
5) Bromomethane	1.64	94	92718	41.043	ug/l	98
6) Chloroethane	1.71	64	115684	50.830	ug/l	98
7) Trichlorofluoromethane	1.93	101	236799	43.362	ug/l	98
8) Diethyl Ether	2.19	74	104081	46.440	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	153466	46.495	ug/l	98
10) Methyl Iodide	2.51	142	212951	51.814	ug/l	97
11) Tert butyl alcohol	3.07	59	188364	235.635	ug/l	100
12) 1,1-Dichloroethene	2.37	96	141908	47.697	ug/l	97
13) Acrolein	2.30	56	244692	344.468	ug/l	100
14) Allyl chloride	2.73	41	296324	53.865	ug/l	90
15) Acrylonitrile	3.15	53	477560	253.859	ug/l	99
16) Acetone	2.45	43	509304	271.831	ug/l	99
17) Carbon Disulfide	2.57	76	412204	49.799	ug/l	99
18) Methyl Acetate	2.78	43	231324	56.581	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	502658	48.516	ug/l	99
20) Methylene Chloride	2.85	84	156538	45.247	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	149941	46.357	ug/l	93
22) Diisopropyl ether	3.87	45	558692	48.785	ug/l	97
23) Vinyl Acetate	3.82	43	2455017	244.341	ug/l	97
24) 1,1-Dichloroethane	3.70	63	294729	47.354	ug/l	97
25) 2-Butanone	4.70	43	696953	244.203	ug/l	96
26) 2,2-Dichloropropane	4.58	77	227078	45.707	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	177961	43.241	ug/l	93
28) Bromochloromethane	5.01	49	138704	45.777	ug/l	86
29) Tetrahydrofuran	5.15	42	433089	230.211	ug/l	93
30) Chloroform	5.21	83	283061	42.458	ug/l	99
31) Cyclohexane	5.57	56	274709	46.923	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	244276	44.304	ug/l	98
36) 1,1-Dichloropropene	5.80	75	217218	50.373	ug/l	97
37) Ethyl Acetate	4.85	43	247302	51.627	ug/l	100
38) Carbon Tetrachloride	5.78	117	215733	49.804	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	282950	51.917	ug/l	94
40) Benzene	6.14	78	657768	49.414	ug/l	98
41) Methacrylonitrile	5.06	41	142776	55.819	ug/l	94
42) 1,2-Dichloroethane	6.20	62	212969	47.600	ug/l	98
43) Isopropyl Acetate	6.46	43	390691	52.994	ug/l	98
44) Trichloroethene	7.21	130	181739	49.630	ug/l	97
45) 1,2-Dichloropropane	7.51	63	176878	51.296	ug/l	100
46) Dibromomethane	7.66	93	110292	45.848	ug/l	97
47) Bromodichloromethane	7.90	83	216679	51.976	ug/l	98
48) Methyl methacrylate	7.77	41	203891	52.761	ug/l	91
49) 1,4-Dioxane	7.75	88	77042	923.042	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1228849	249.014	ug/l	100
52) Toluene	8.78	92	407992	48.605	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	245373	47.493	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	269912	53.353	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165811	47.370	ug/l	98
56) Ethyl methacrylate	9.18	69	256222	51.473	ug/l	94
57) 1,3-Dichloropropane	9.37	76	276378	49.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	862260	314.122	ug/l	98
59) 2-Hexanone	9.49	43	952579	245.870	ug/l	99
60) Dibromochloromethane	9.58	129	183294	54.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	175358	48.251	ug/l	100
64) Tetrachloroethene	9.34	164	181150	53.078	ug/l	97
65) Chlorobenzene	10.13	112	449603	49.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	168229	53.042	ug/l	99
67) Ethyl Benzene	10.25	91	772987	51.320	ug/l	99
68) m/p-Xylenes	10.36	106	594141	101.396	ug/l	97
69) o-Xylene	10.69	106	285482	50.651	ug/l	96
70) Styrene	10.71	104	477543	51.547	ug/l	99
71) Bromoform	10.86	173	144915	60.931	ug/l	99
73) Isopropylbenzene	11.02	105	778000	49.012	ug/l	100
74) N-amyl acetate	10.90	43	339744	49.287	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243723	44.393	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	201755m	42.617	ug/l	
77) Bromobenzene	11.26	156	203557	51.127	ug/l	95
78) n-propylbenzene	11.36	91	883342	49.246	ug/l	98
79) 2-Chlorotoluene	11.42	91	513571	47.551	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	642758	49.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80821	46.004	ug/l	90
82) 4-Chlorotoluene	11.51	91	597399	47.282	ug/l	98
83) tert-Butylbenzene	11.77	119	646719	51.587	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	659550	49.383	ug/l	98
85) sec-Butylbenzene	11.94	105	787162	50.107	ug/l	99
86) p-Isopropyltoluene	12.06	119	710120	51.616	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	371203	50.263	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374950	49.574	ug/l	100
89) n-Butylbenzene	12.38	91	618764	50.431	ug/l	99
90) Hexachloroethane	12.60	117	119213	51.427	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	364766	49.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53105	44.393	ug/l	99

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ClientSampleId :
VSTDCCC050

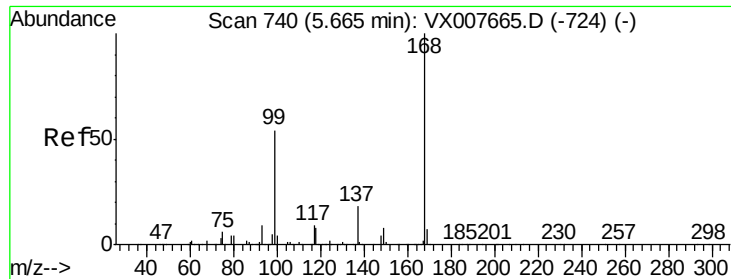
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	274642	60.889	ug/l	100
94) Hexachlorobutadiene	13.78	225	144321	69.943	ug/l	99
95) Naphthalene	13.83	128	773301	52.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270308	59.684	ug/l	99

(#) = 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: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 340134

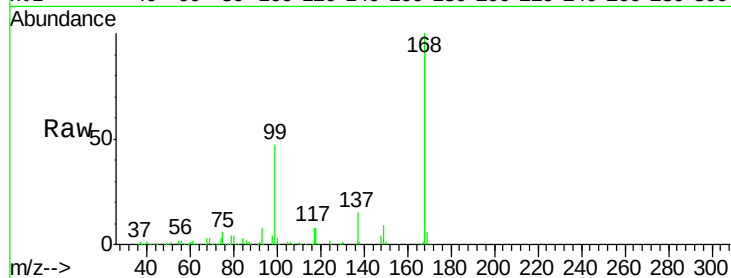
Ion Ratio Lower Upper

168 100

99 47.1 37.9 56.9

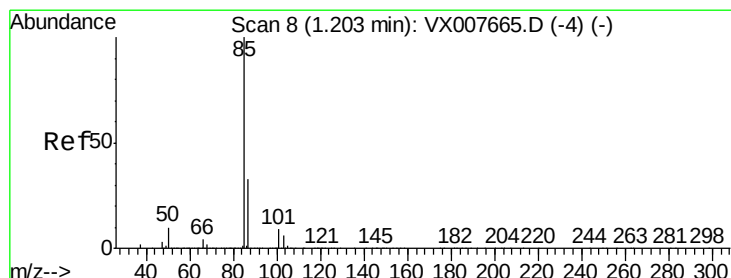
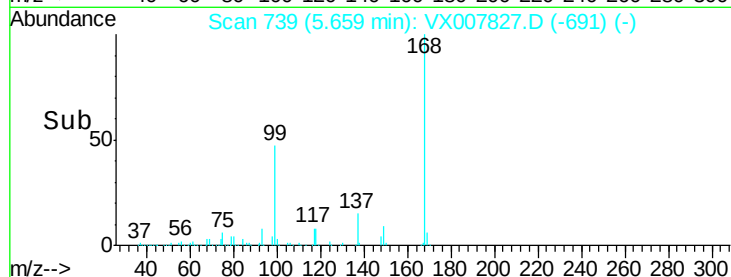
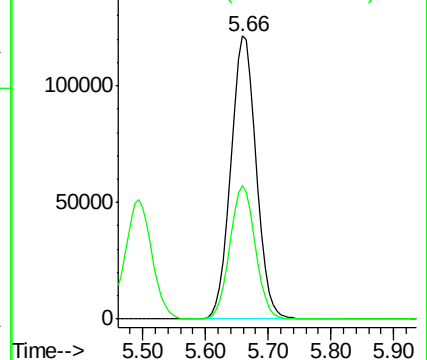
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.799 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007827.D

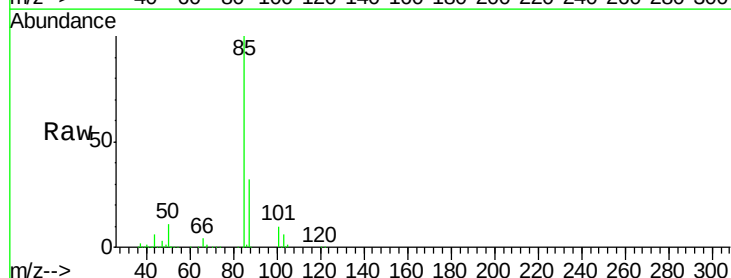
Acq: 05 Mar 2019 10:22

Tgt Ion: 85 Resp: 134102

Ion Ratio Lower Upper

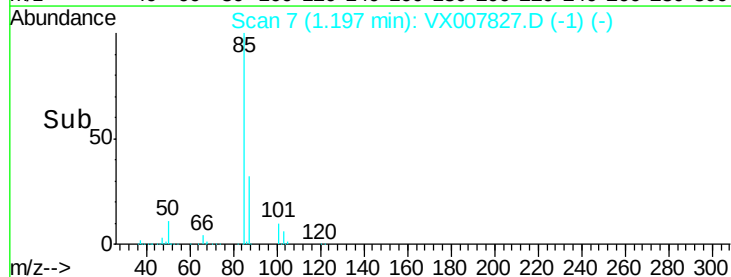
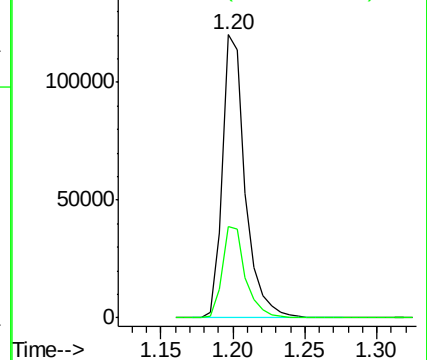
85 100

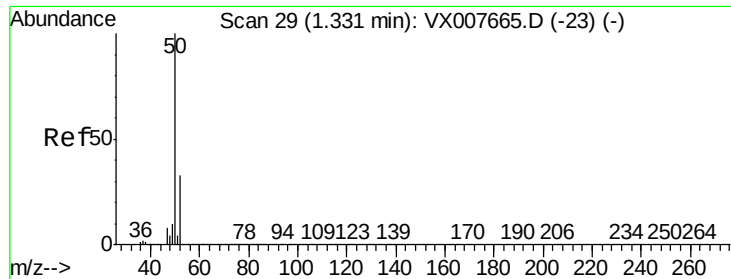
87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.514 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tot Ion: 50 Resp: 161503

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1

Instrument :

MSVOA_X

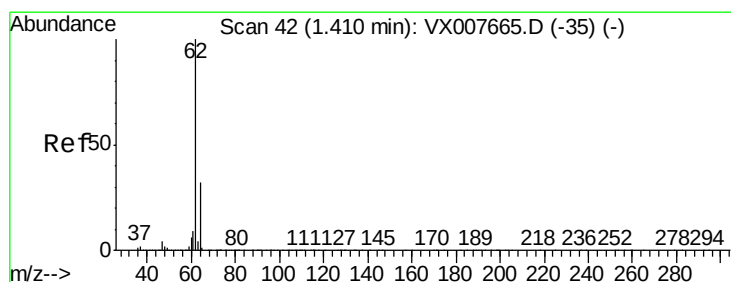
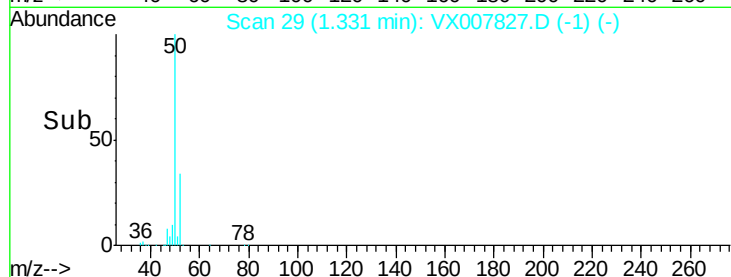
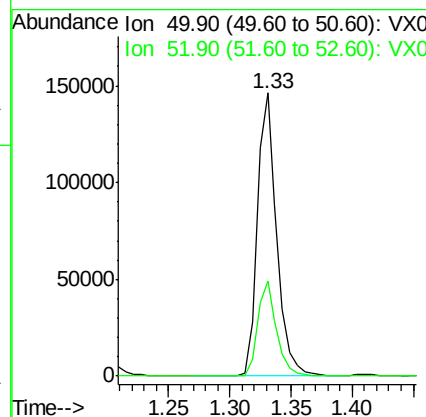
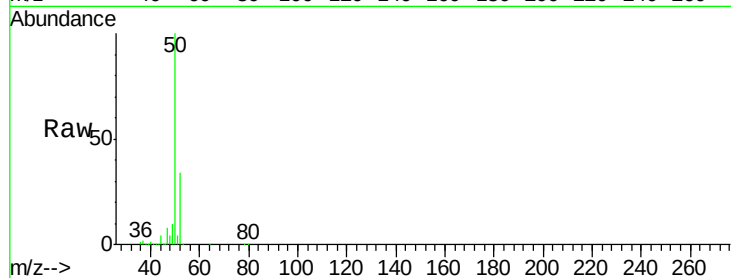
ClientSampleId :

VSTDCCC050

Manual Integrations
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3/6/2019 9:49:26 AM



#4

Vinyl Chloride

Concen: 48.207 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007827.D

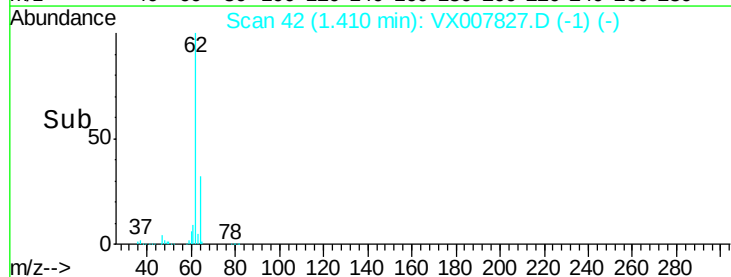
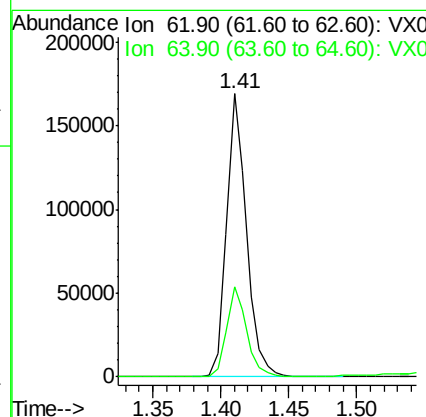
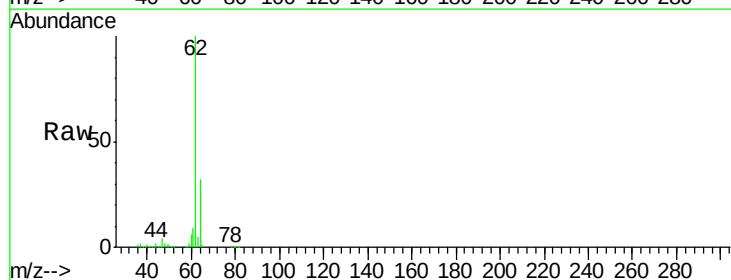
Acq: 05 Mar 2019 10:22

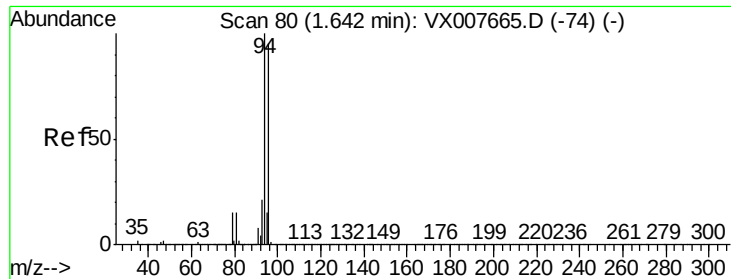
Tgt Ion: 62 Resp: 171727

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 41.043 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 92718

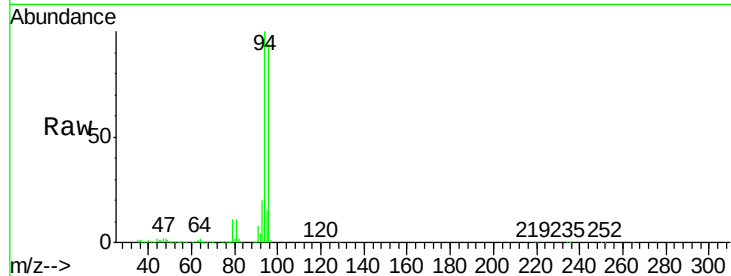
Ion Ratio Lower Upper

94 100

96 94.2 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

1.64

100000

80000

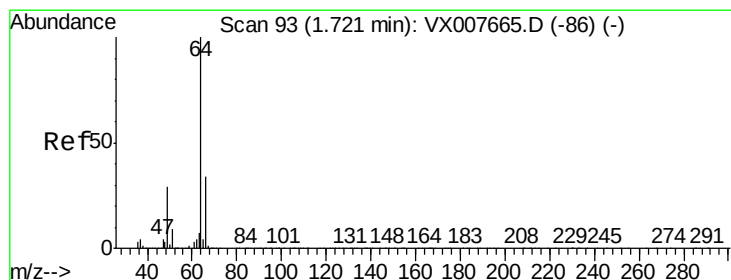
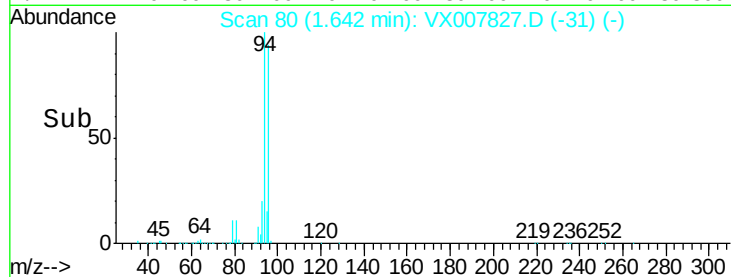
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.830 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007827.D

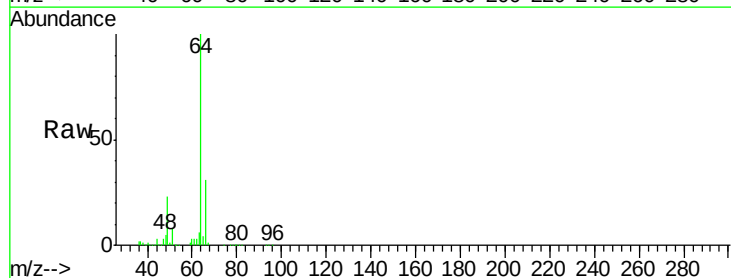
Acq: 05 Mar 2019 10:22

Tgt Ion: 64 Resp: 115684

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

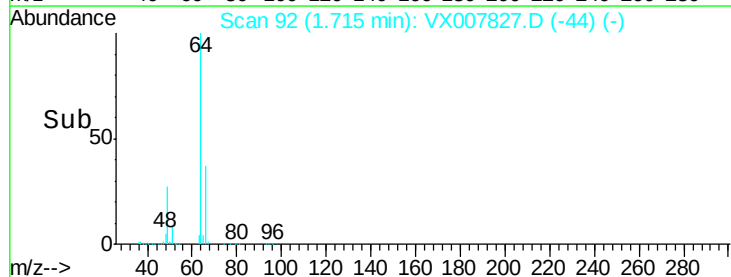
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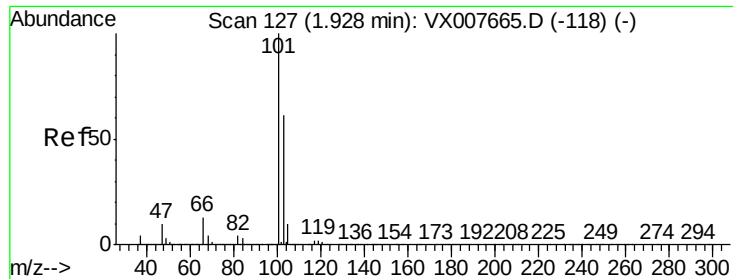
40000

20000

0

Time-->





#7

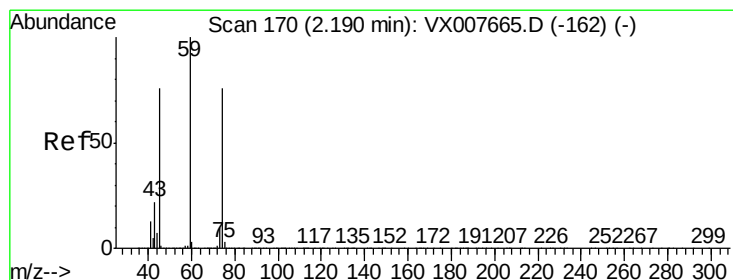
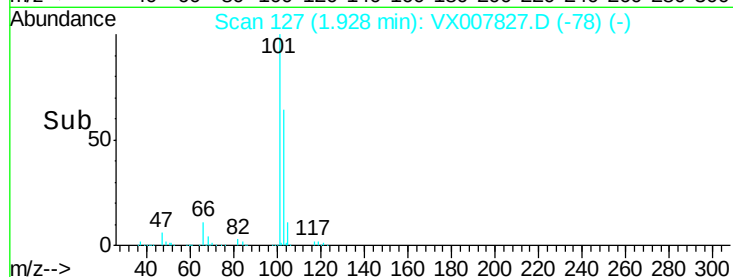
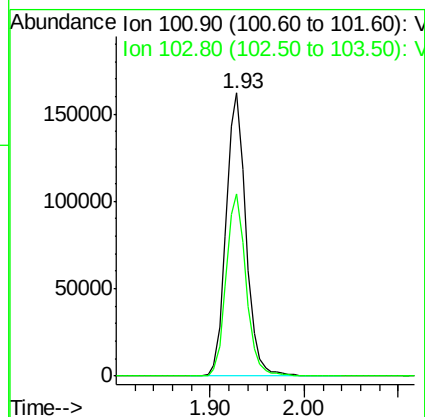
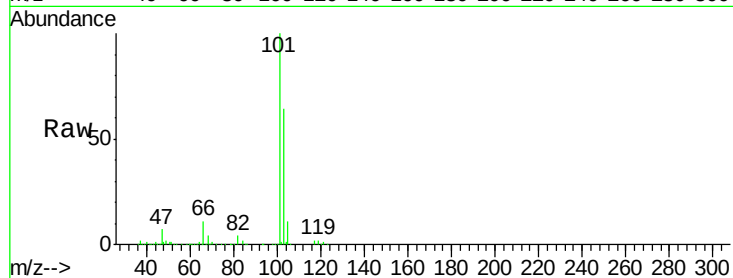
Trichlorofluoromethane
Concen: 43.362 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	236799		
103	64.3	52.6	79.0	

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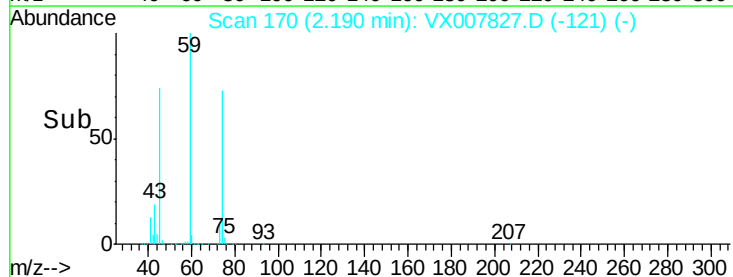
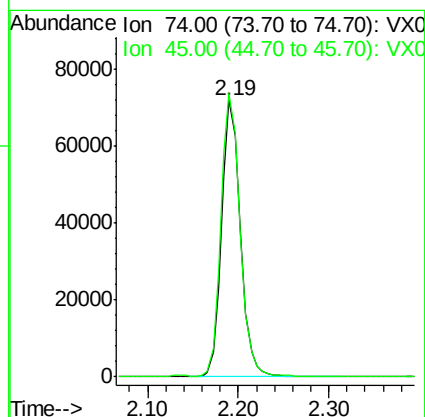
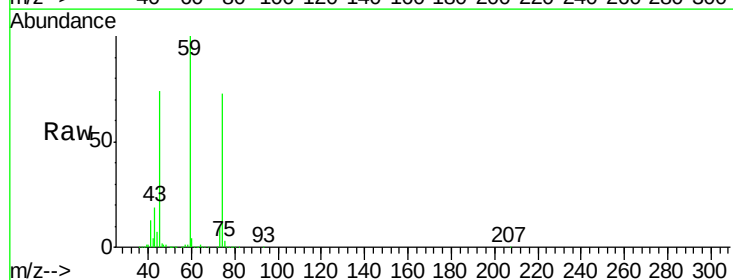
MMDadoda
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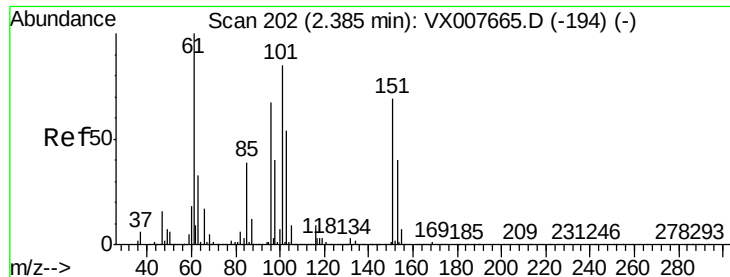


#8

Diethyl Ether
Concen: 46.440 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	104081		
45	103.9	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.495 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

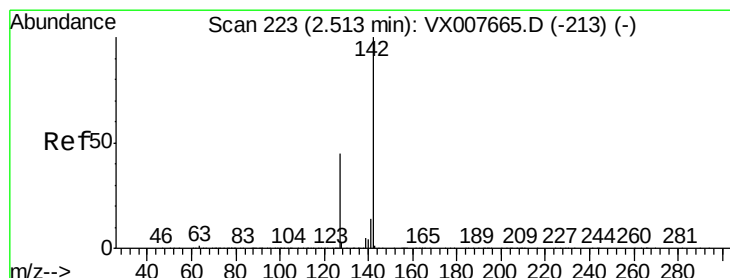
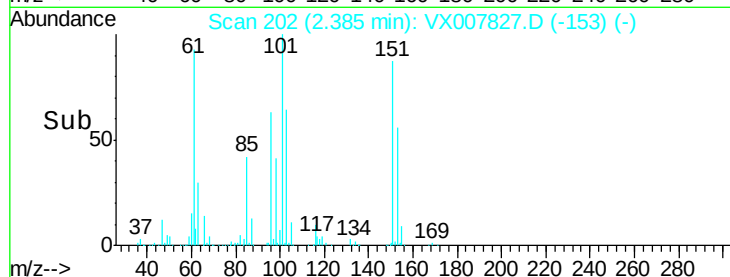
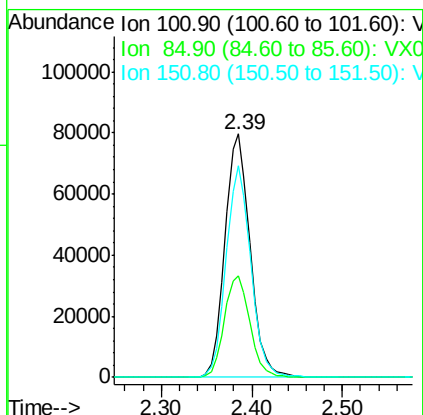
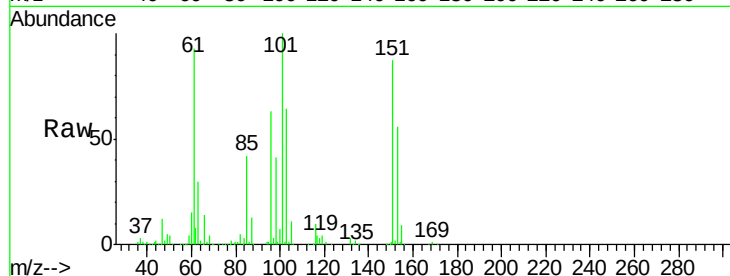
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	153466
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.1	51.1
151	85.5	69.9	104.9

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#10

Methyl Iodide

Concen: 51.814 ug/l

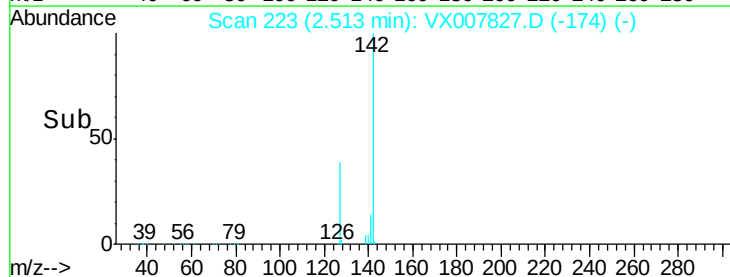
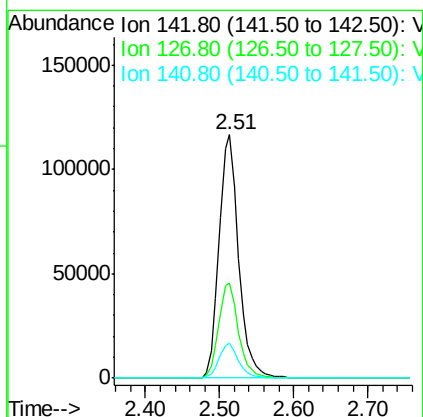
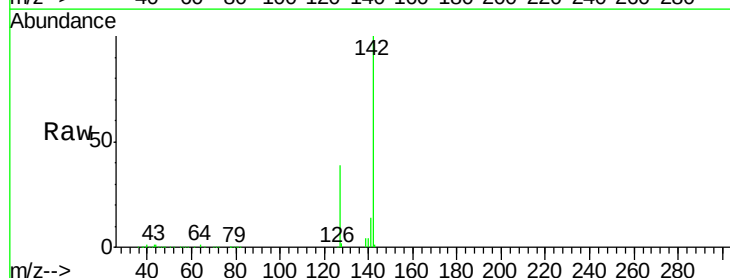
RT: 2.51 min Scan# 223

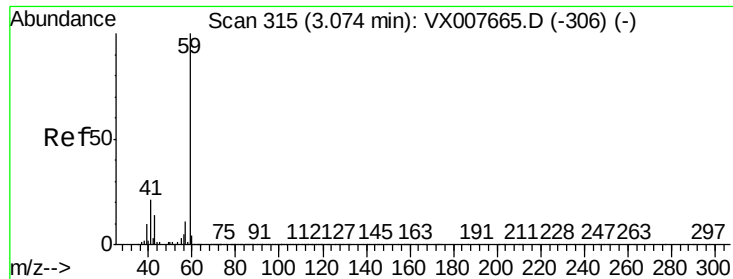
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	142	Resp:	212951
Ion Ratio	Lower	Upper	
142	100		
127	39.5	33.7	50.5
141	14.3	11.3	16.9





#11

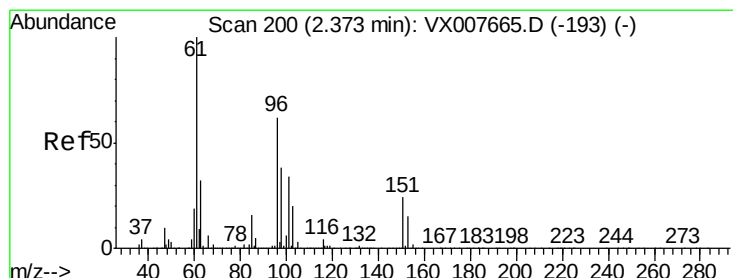
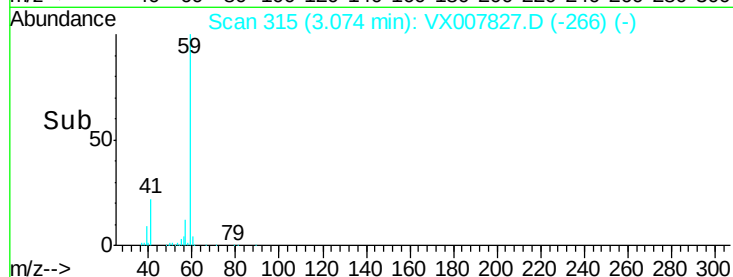
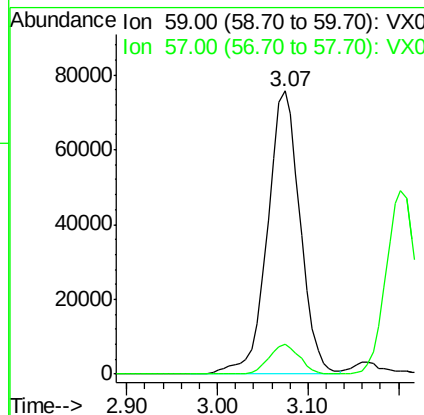
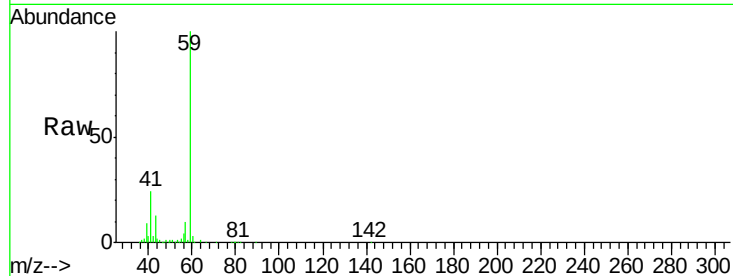
Tert butyl alcohol
 Concen: 235.635 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

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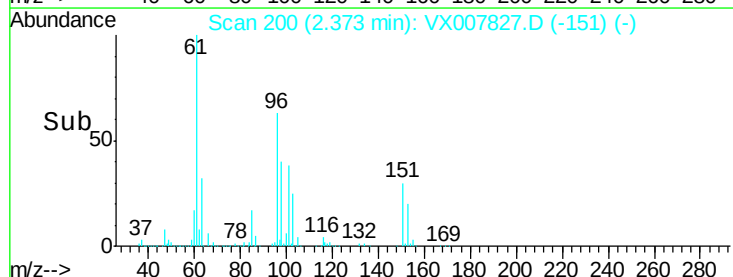
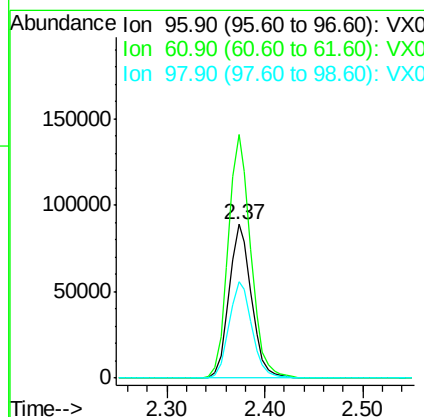
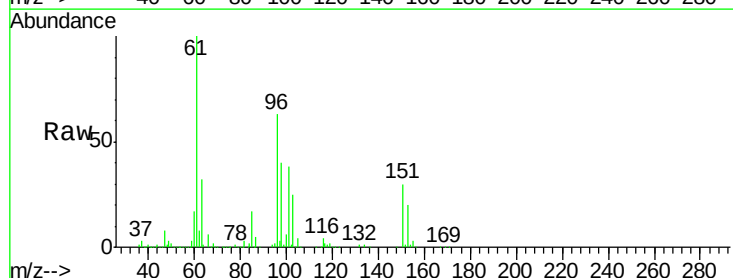
MMDadoda
 3/6/2019 9:49:26 AM

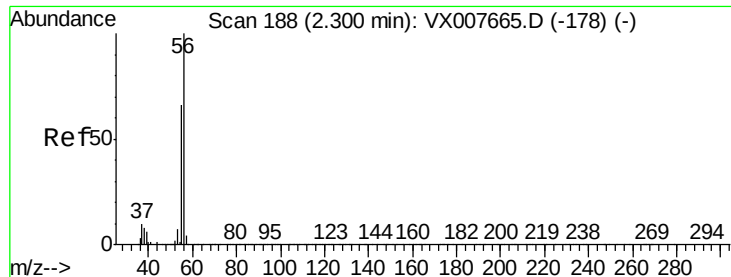


#12

1,1-Dichloroethene
 Concen: 47.697 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	123.0	184.4
98	62.8	50.9	76.3





#13

Acrolein

Concen: 344.468 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 244692

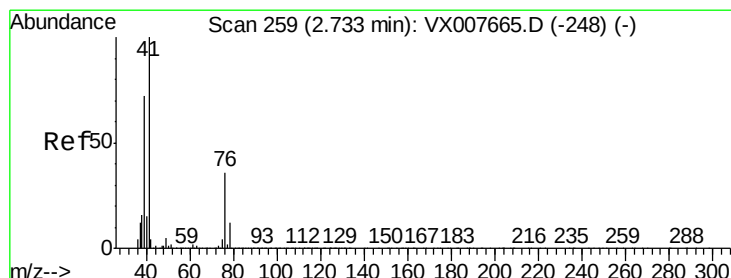
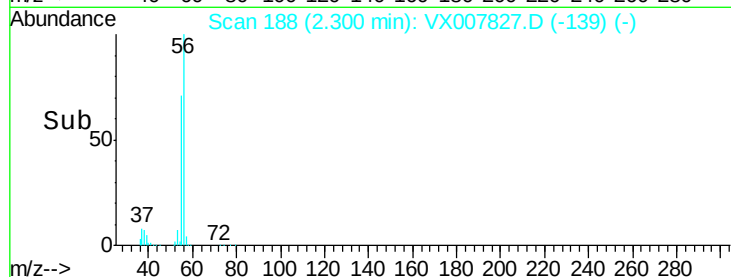
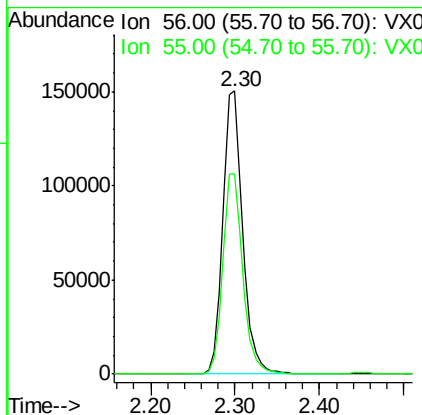
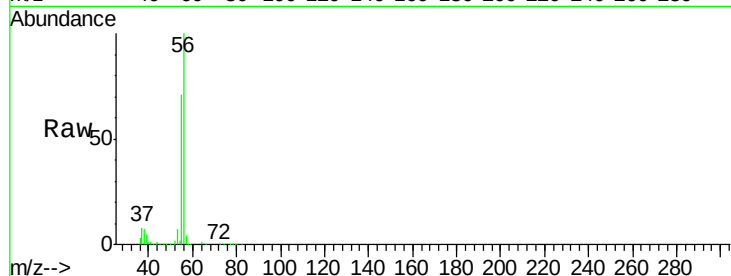
Ion Ratio Lower Upper

56 100

55 71.3 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 53.865 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

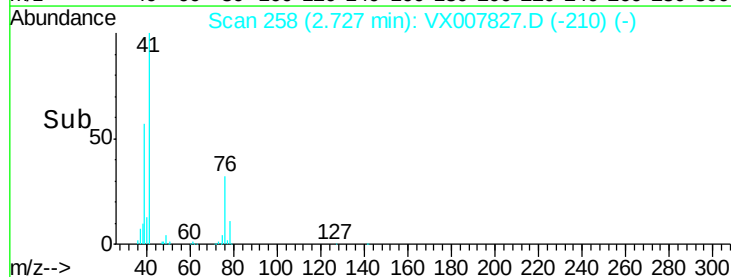
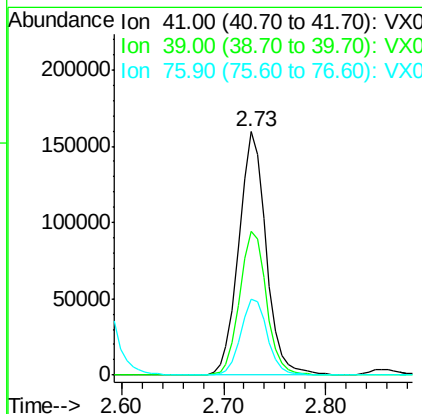
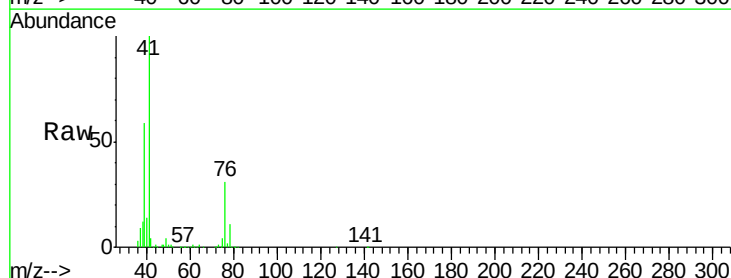
Tgt Ion: 41 Resp: 296324

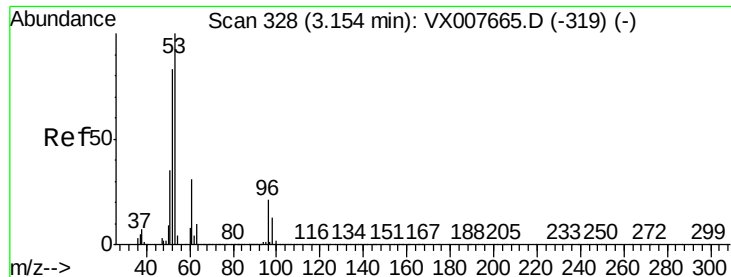
Ion Ratio Lower Upper

41 100

39 57.9 54.1 81.1

76 30.7 27.8 41.8





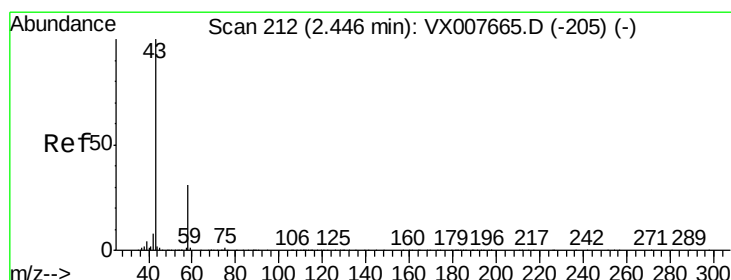
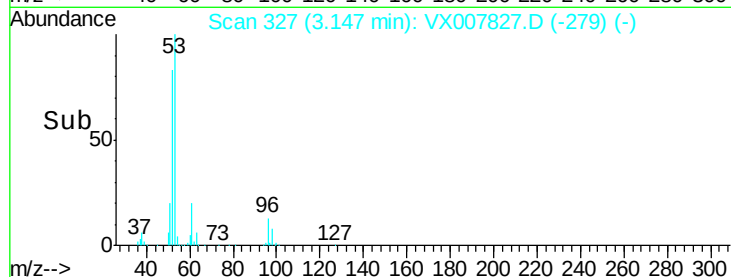
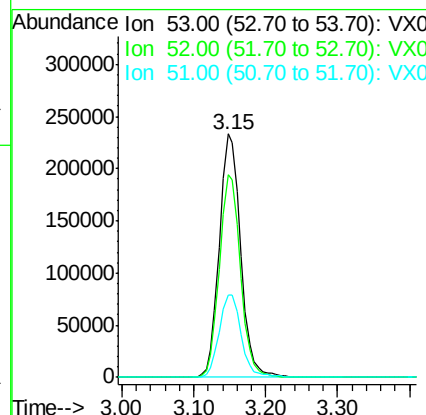
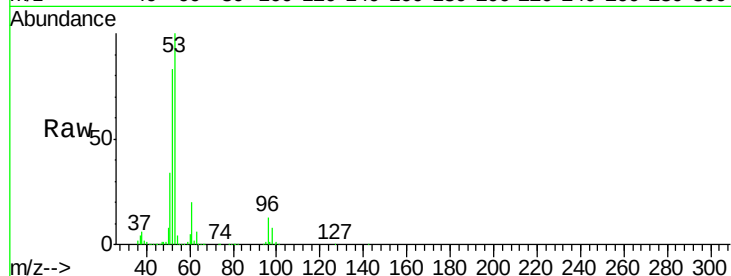
#15
 Acrylonitrile
 Concen: 253.859 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	477560
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.4	99.6
51	35.2	28.4	42.6

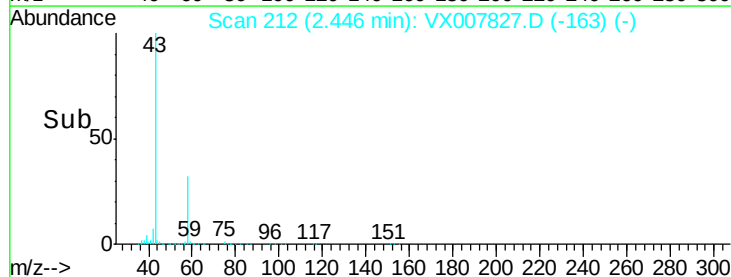
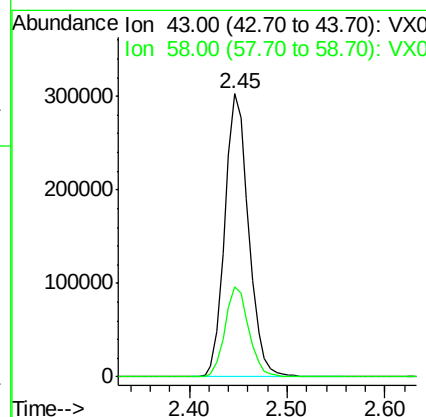
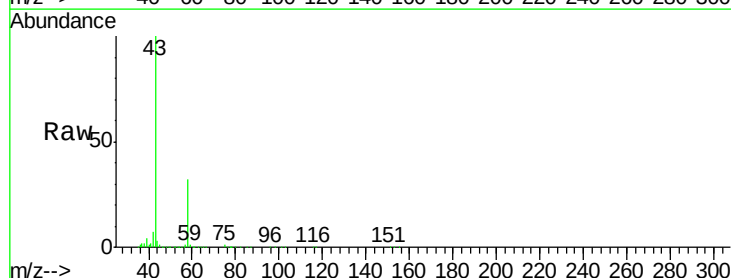
Manual Integrations
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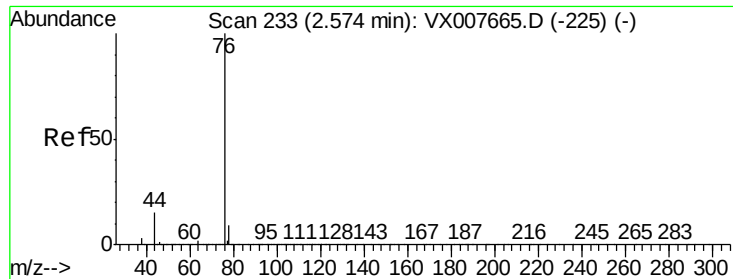
MMDadoda
 3/6/2019 9:49:26 AM



#16
 Acetone
 Concen: 271.831 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion:	43	Resp:	509304
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.9	37.3





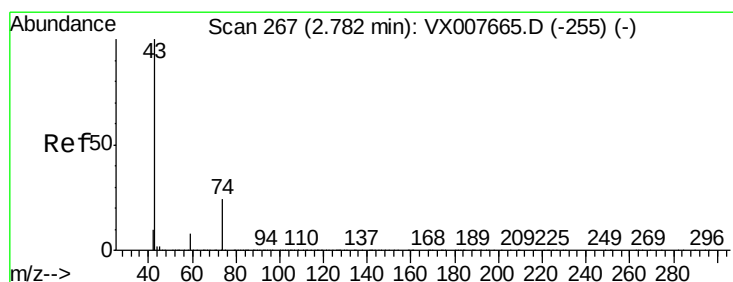
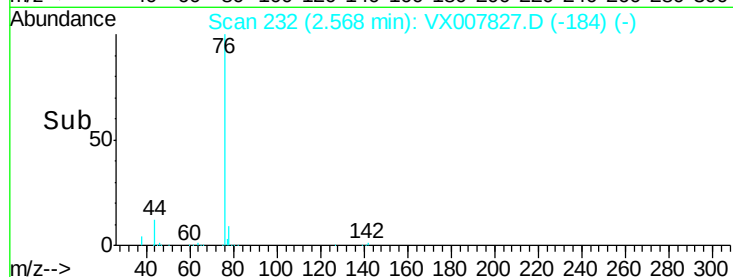
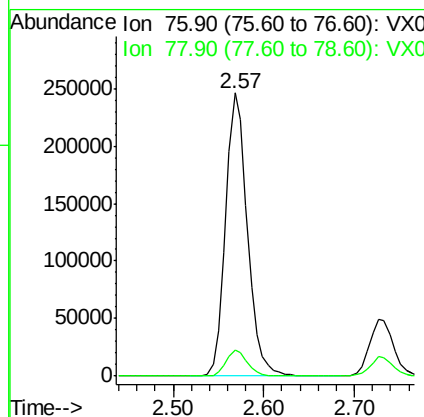
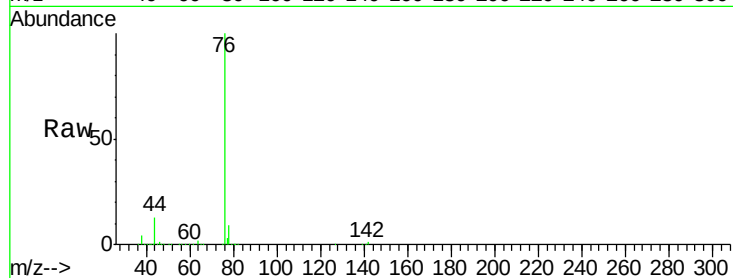
#17
Carbon Disulfide
Concen: 49.799 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

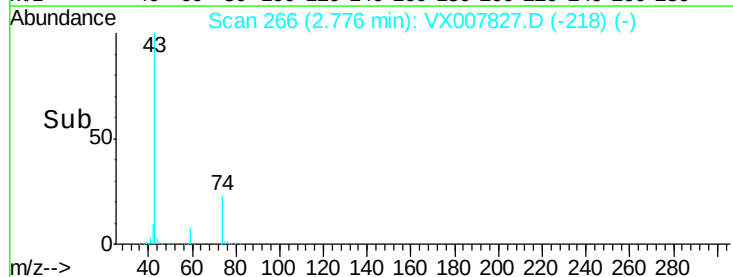
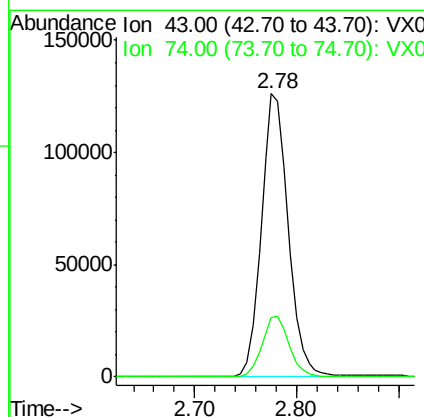
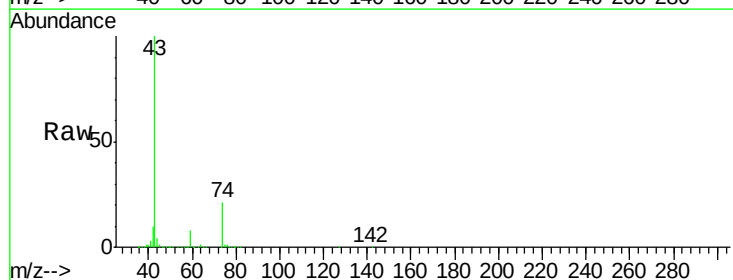
Manual Integrations
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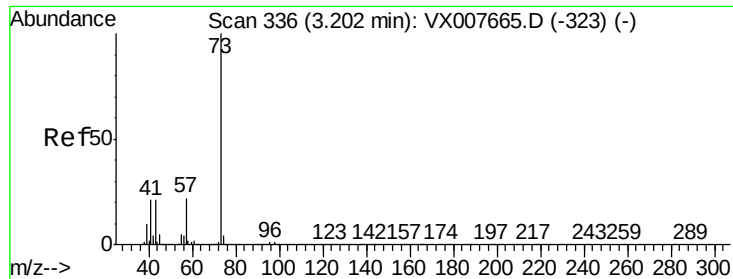
MMDadoda
3/6/2019 9:49:26 AM



#18
Methyl Acetate
Concen: 56.581 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	19.4	29.2





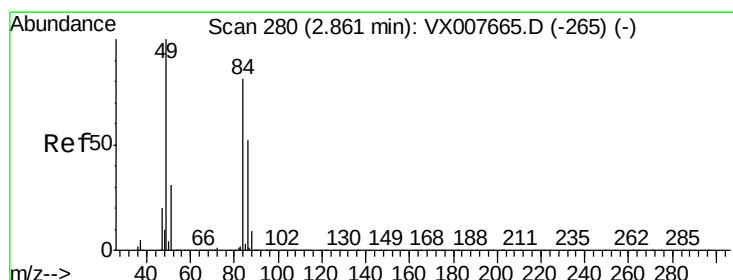
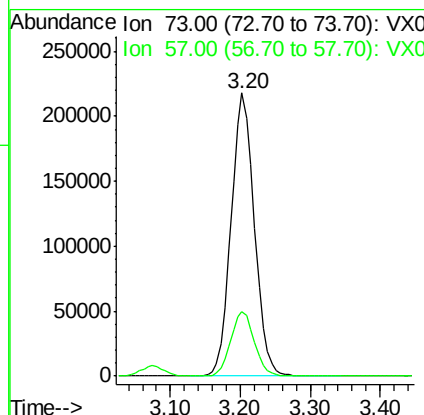
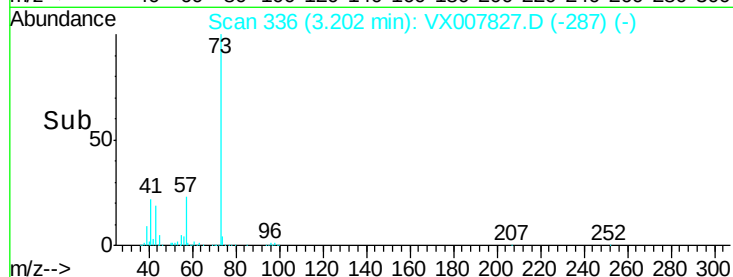
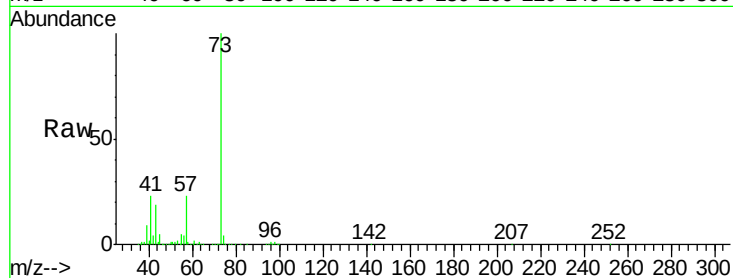
#19
Methyl tert-butyl Ether
Concen: 48.516 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.8	26.8

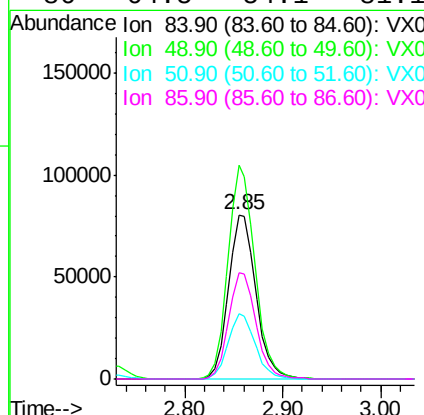
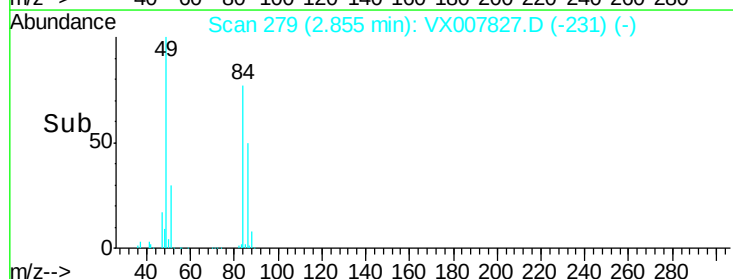
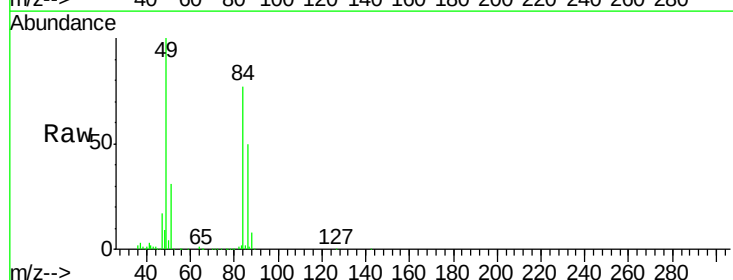
Manual Integrations
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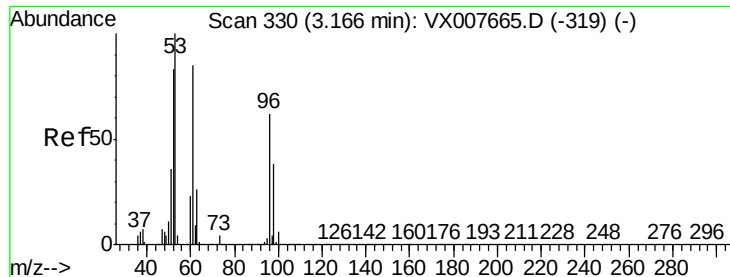
MMDadoda
3/6/2019 9:49:26 AM



#20
Methylene Chloride
Concen: 45.247 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.2	94.8	142.2
51	39.6	29.8	44.8
86	64.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 46.357 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

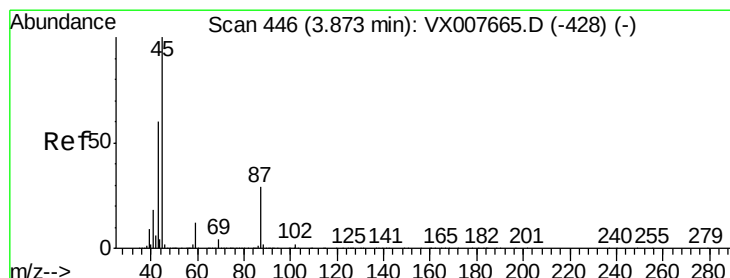
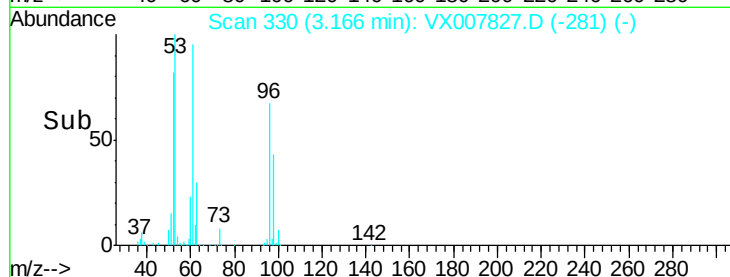
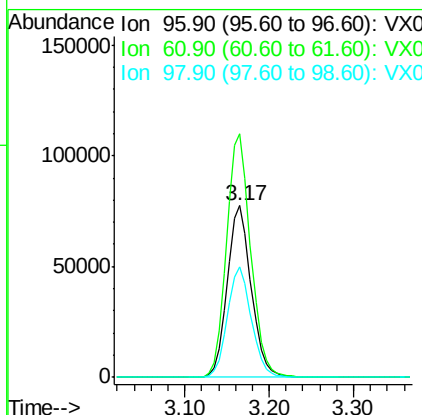
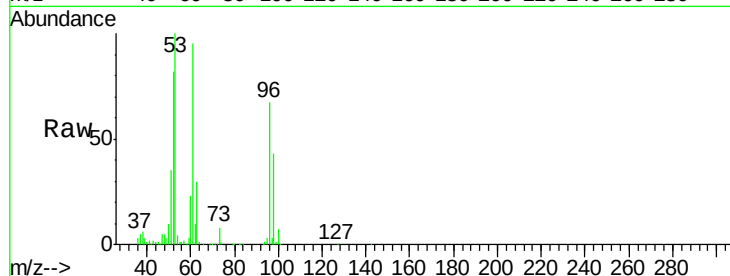
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	149941
Ion	Ratio	Lower	Upper
96	100		
61	141.8	104.6	156.8
98	64.7	51.0	76.4

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#22

Diisopropyl ether

Concen: 48.785 ug/l

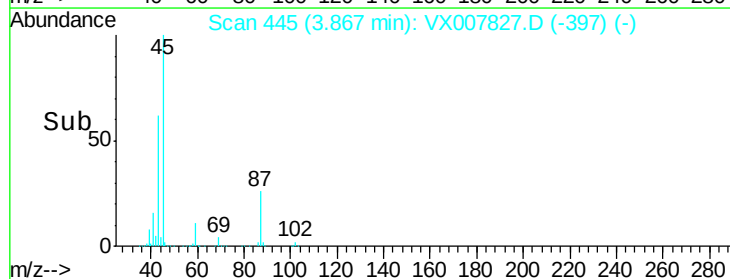
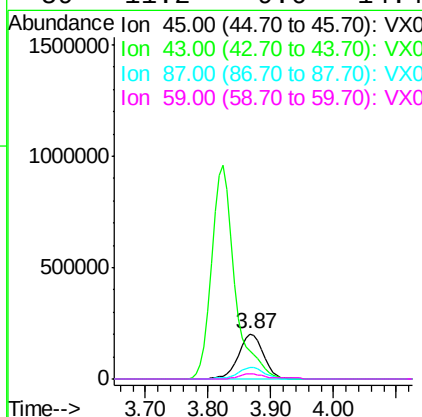
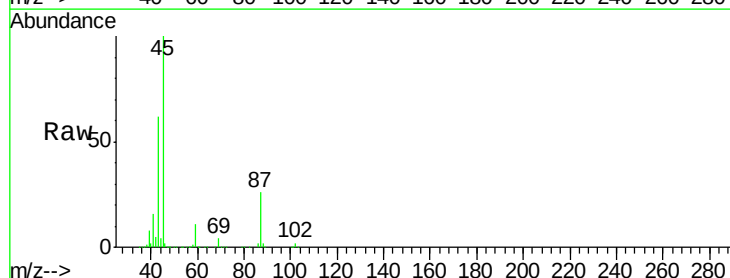
RT: 3.87 min Scan# 446

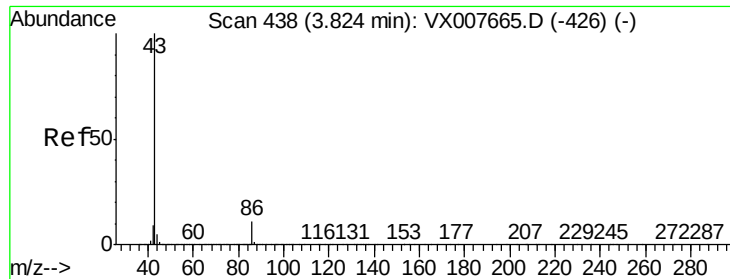
Delta R.T. -0.01 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	45	Resp:	558692
Ion	Ratio	Lower	Upper
45	100		
43	61.8	48.9	73.3
87	26.4	23.9	35.9
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 244.341 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2455017

Ion Ratio Lower Upper

43 100

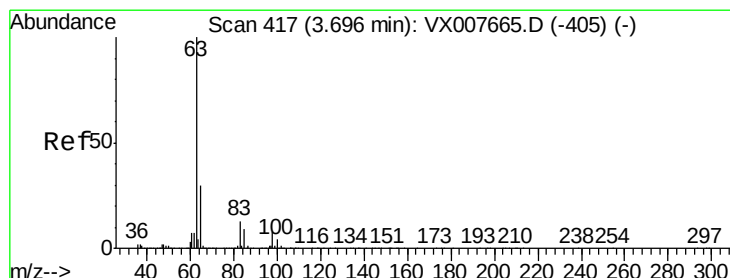
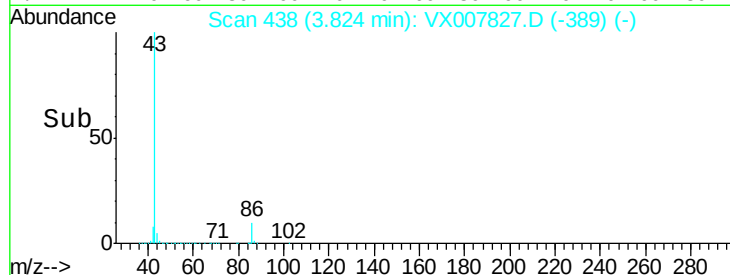
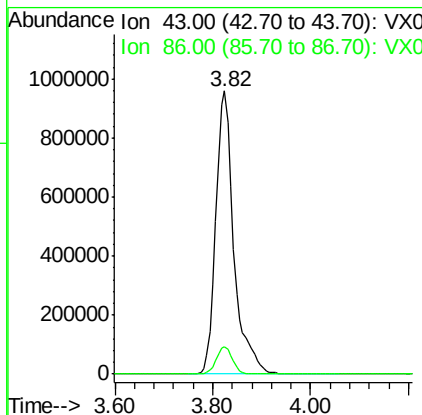
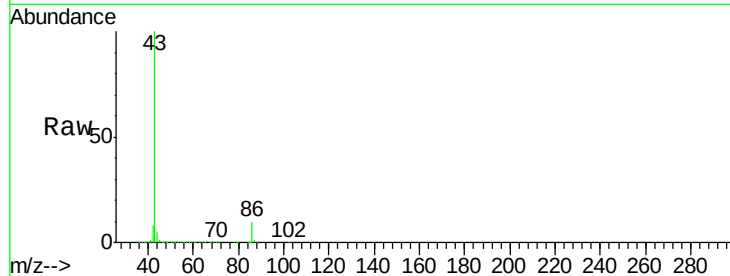
86 9.7 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.354 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

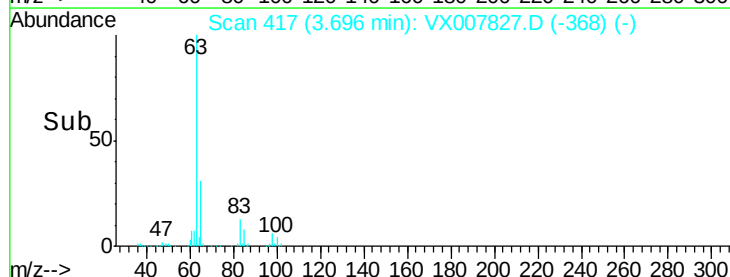
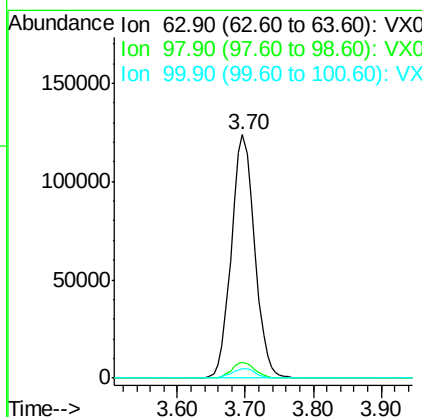
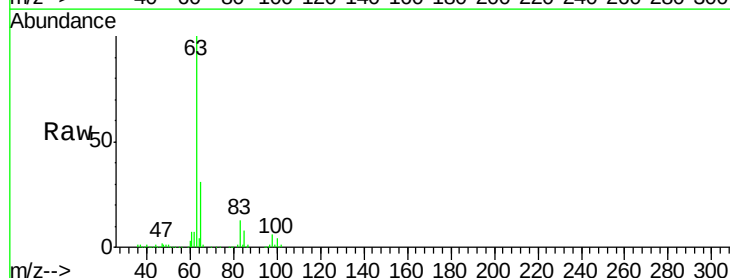
Tgt Ion: 63 Resp: 294729

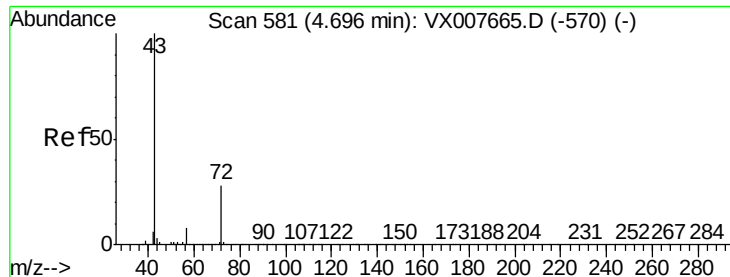
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 3.8 2.5 7.4





#25

2-Butanone

Concen: 244.203 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tot Ion: 43 Resp: 696953

Ion Ratio Lower Upper

43 100

72 25.7 22.2 33.2

Instrument :

MSVOA_X

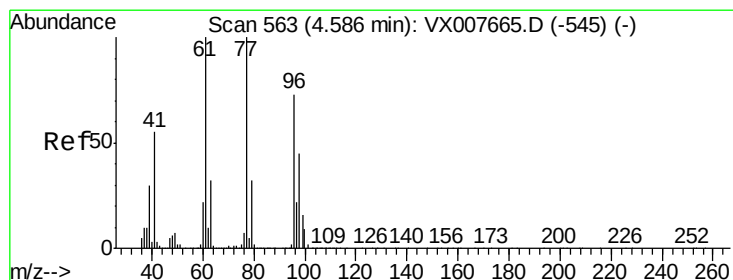
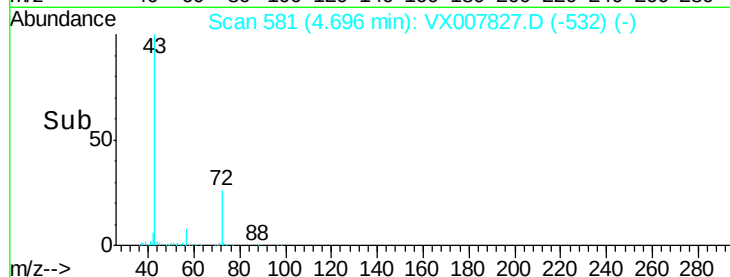
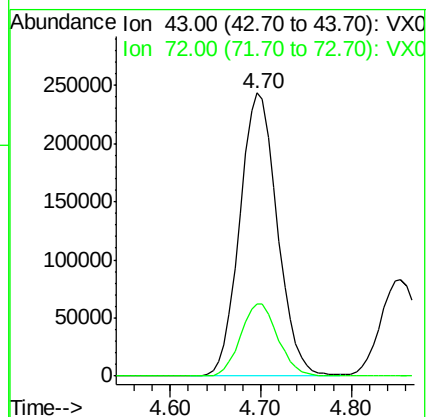
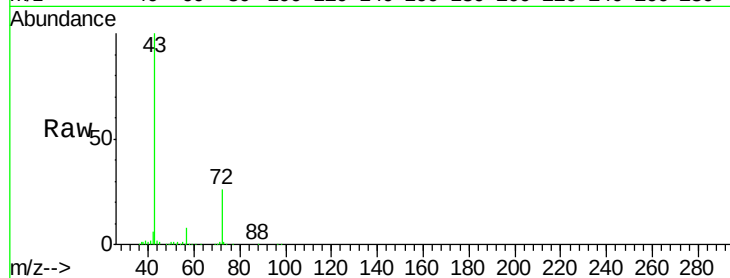
ClientSampleId :

VSTDCCC050

Manual Integrations
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MMDadoda

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#26

2,2-Dichloropropane

Concen: 45.707 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007827.D

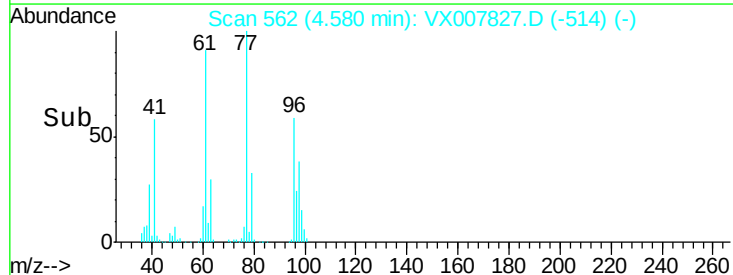
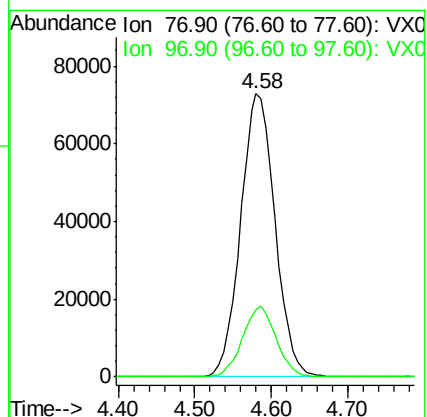
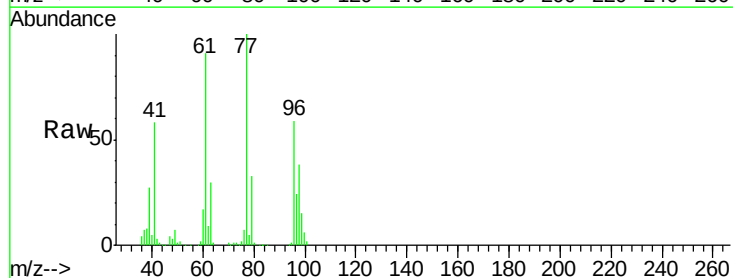
Acq: 05 Mar 2019 10:22

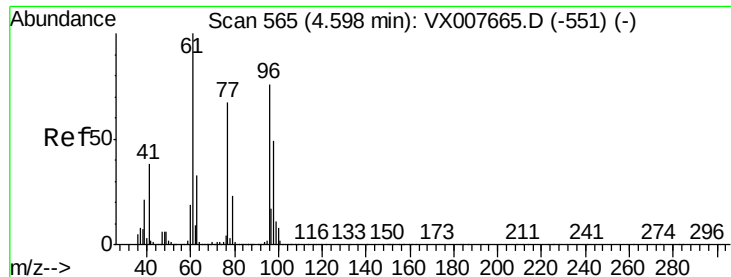
Tgt Ion: 77 Resp: 227078

Ion Ratio Lower Upper

77 100

97 24.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 43.241 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007827.D

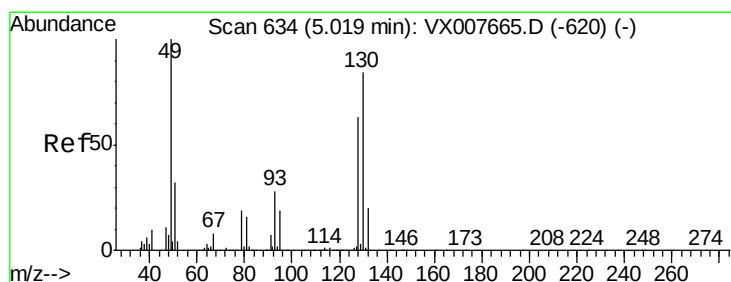
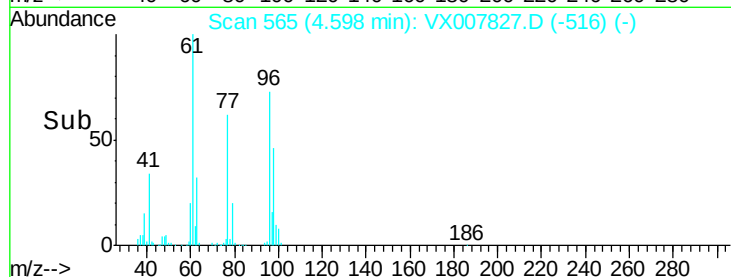
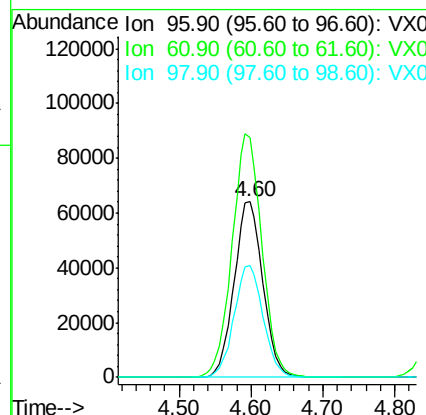
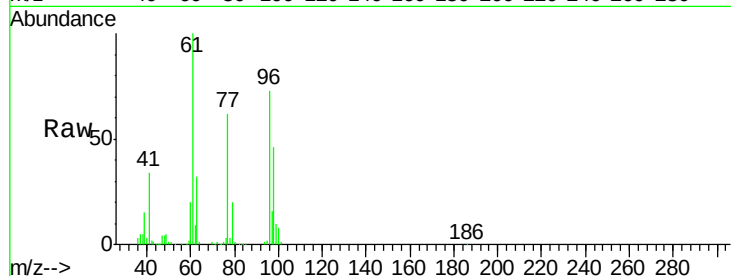
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	265.6
98	64.6	0.0	131.6

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3/6/2019 9:49:26 AM



#28

Bromochloromethane

Concen: 45.777 ug/l

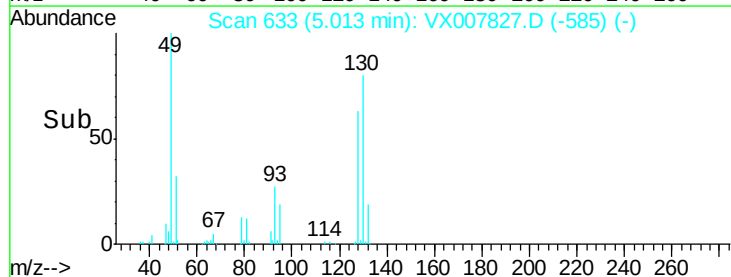
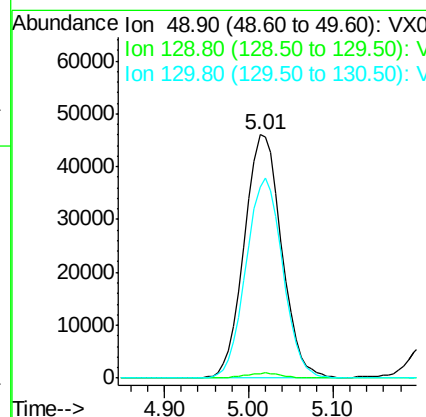
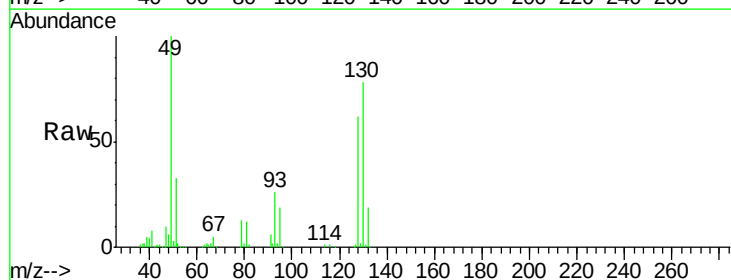
RT: 5.01 min Scan# 633

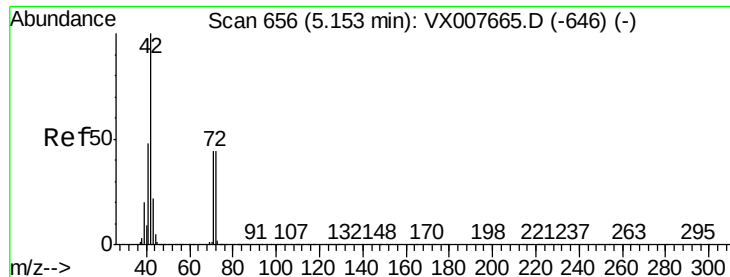
Delta R.T. -0.01 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	81.0	75.6	113.4





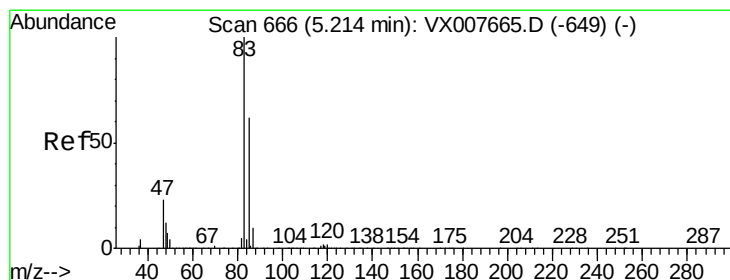
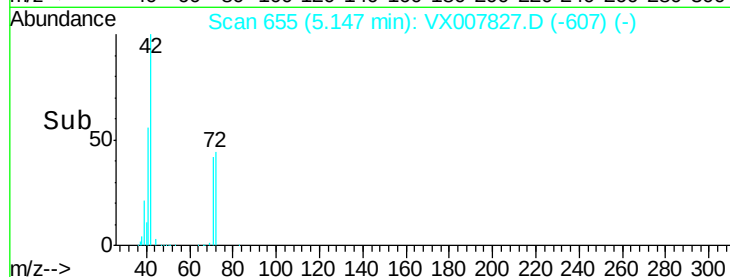
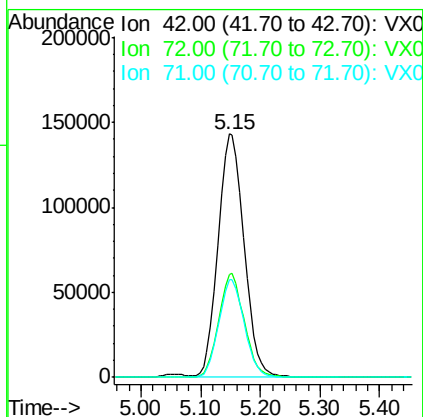
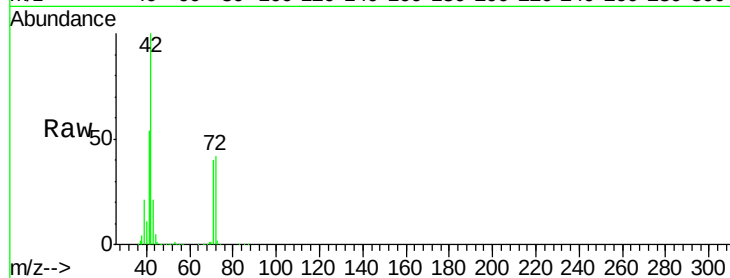
#29
Tetrahydrofuran
Concen: 230.211 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	42.1	37.6	56.4
71	39.5	34.6	51.8

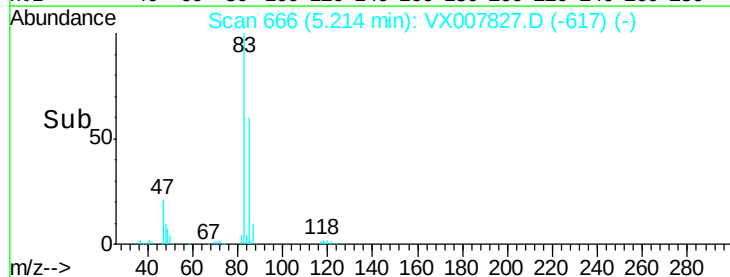
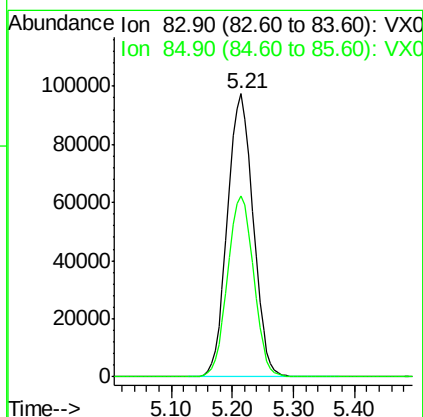
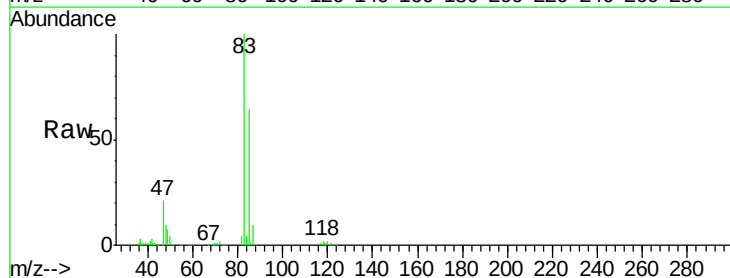
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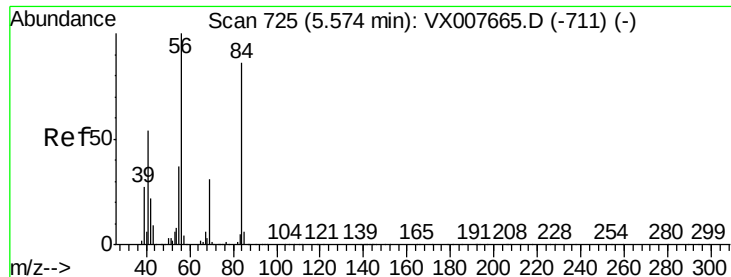
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#30
Chloroform
Concen: 42.458 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	63.9	51.6	77.4





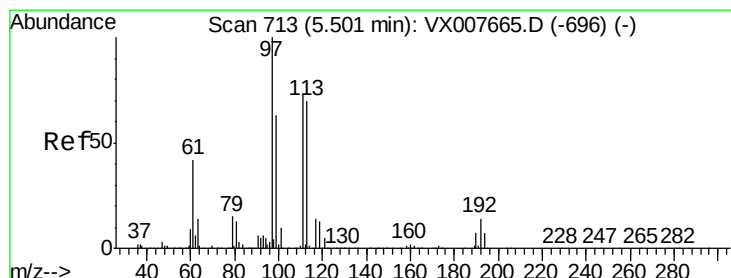
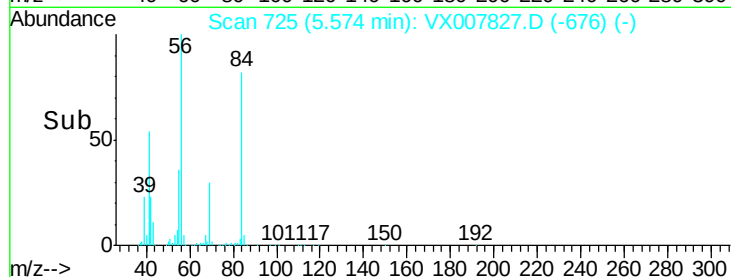
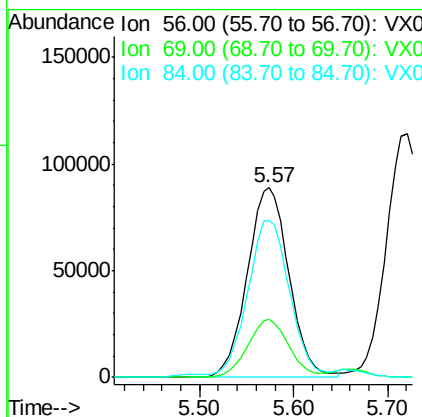
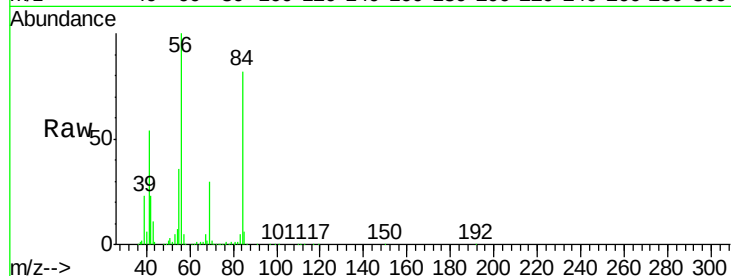
#31
Cyclohexane
Concen: 46.923 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.0	34.6
84	81.2	69.8	104.6

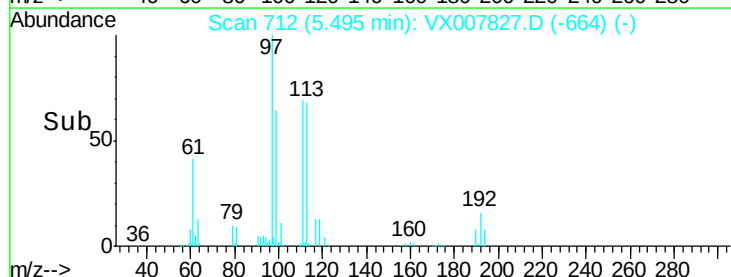
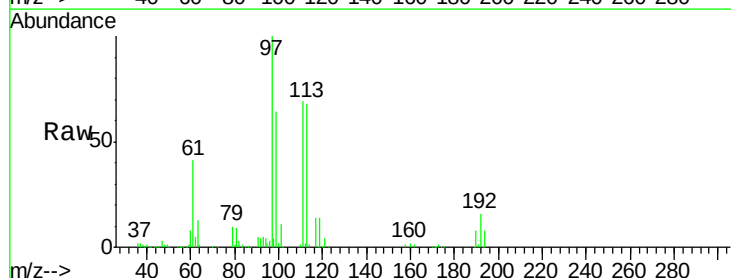
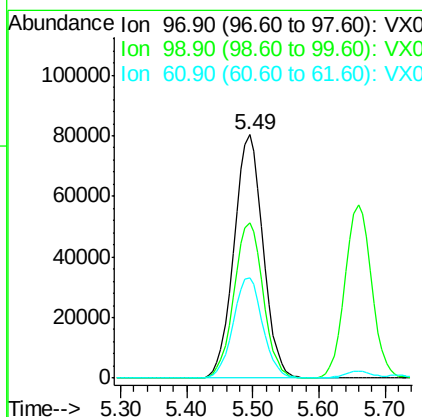
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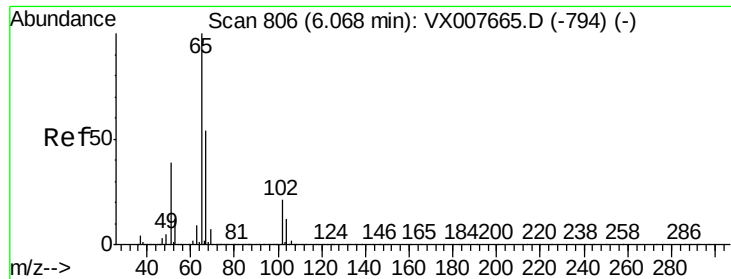
MMDadoda
3/6/2019 9:49:26 AM



#32
1,1,1-Trichloroethane
Concen: 44.304 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	42.0	32.7	49.1





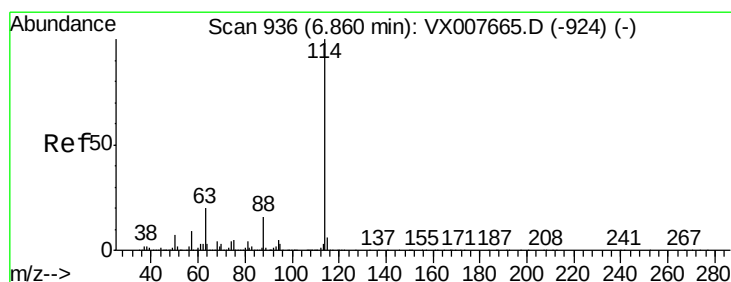
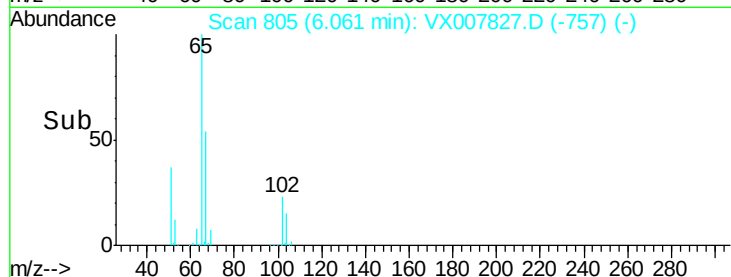
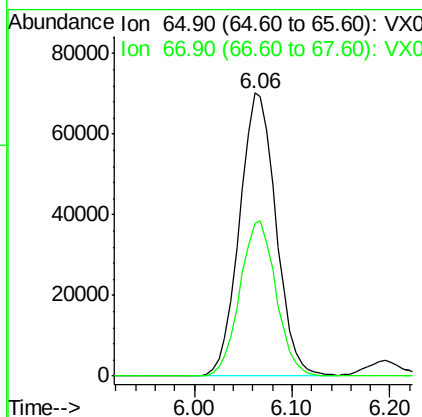
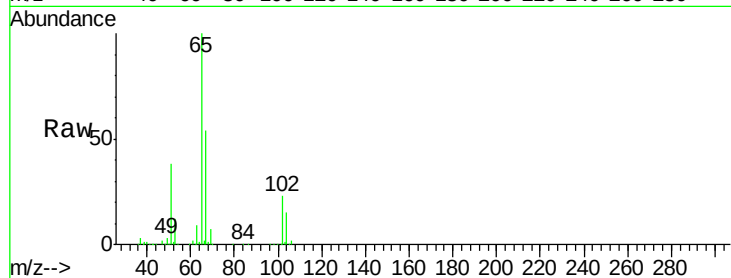
#33
 1,2-Dichloroethane-d4
 Concen: 43.303 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182443		
67	54.5	0.0	108.8	

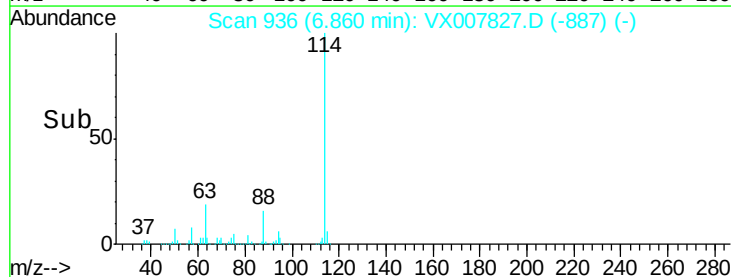
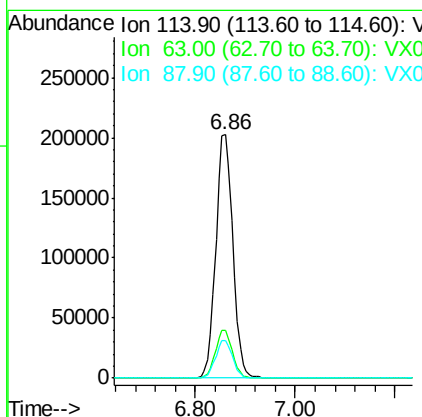
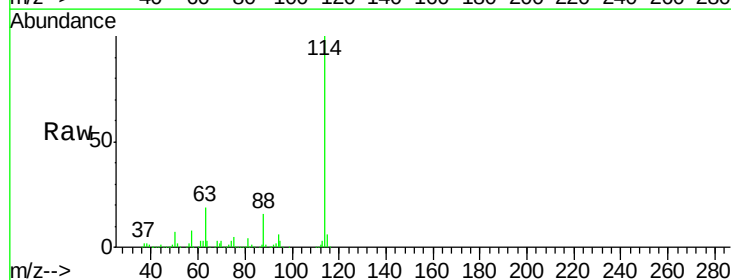
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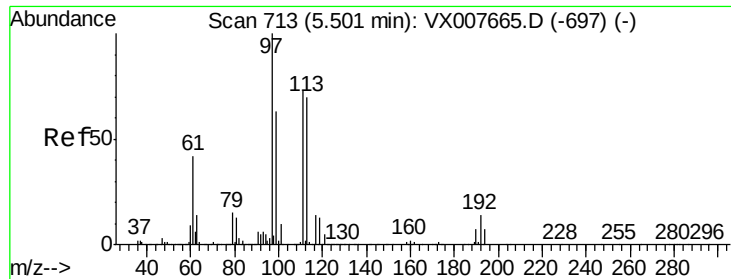
MMDadoda
 3/6/2019 9:49:26 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	479647		
63	19.5	0.0	35.6	
88	15.5	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.771 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

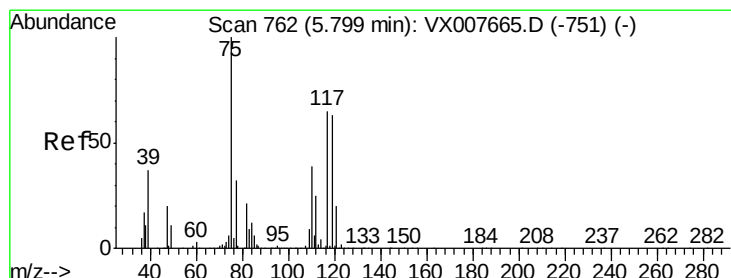
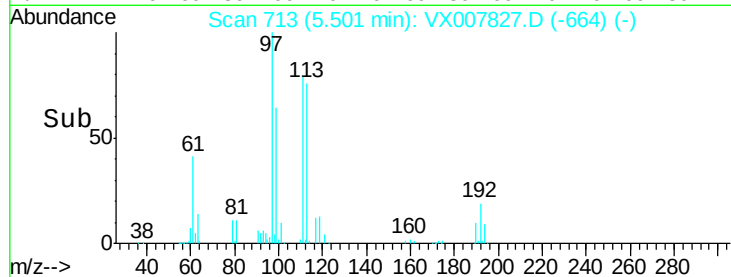
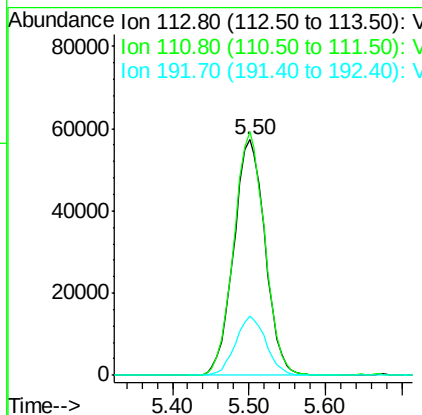
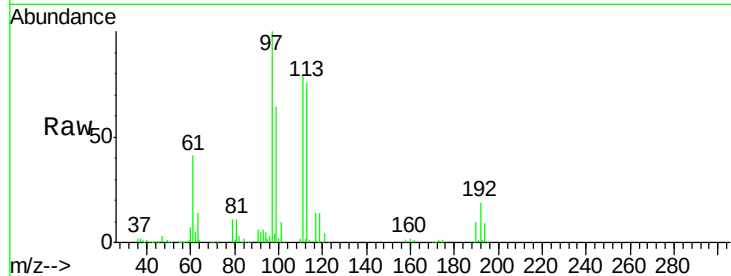
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	162788
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	24.6	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 50.373 ug/l

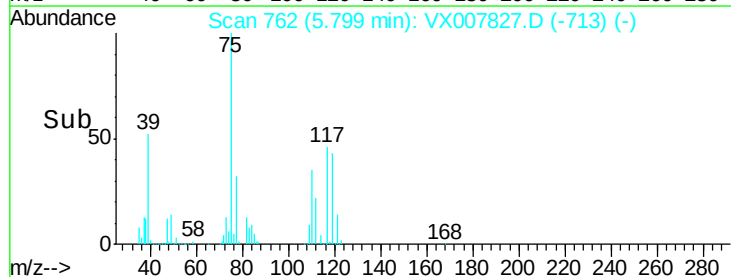
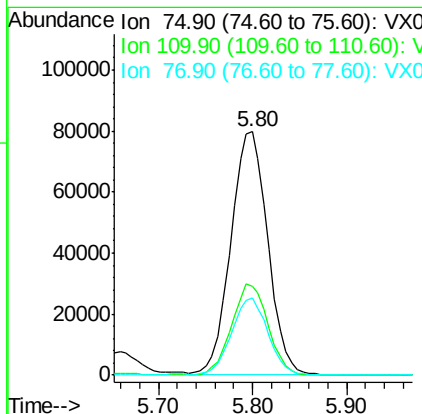
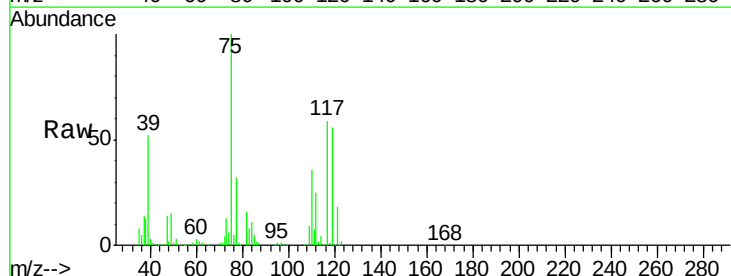
RT: 5.80 min Scan# 762

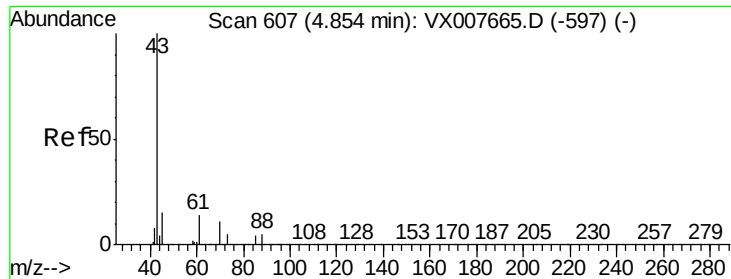
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	75	Resp:	217218
Ion Ratio	Lower	Upper	
75	100		
110	37.1	20.0	59.9
77	31.1	24.7	37.1





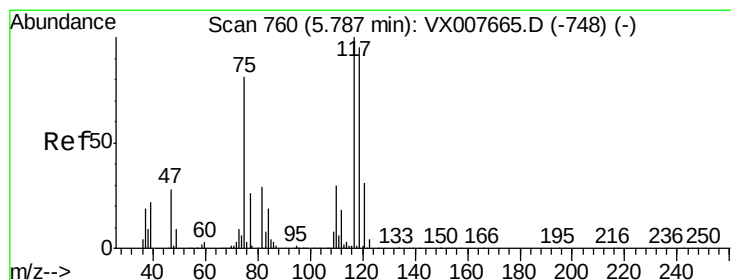
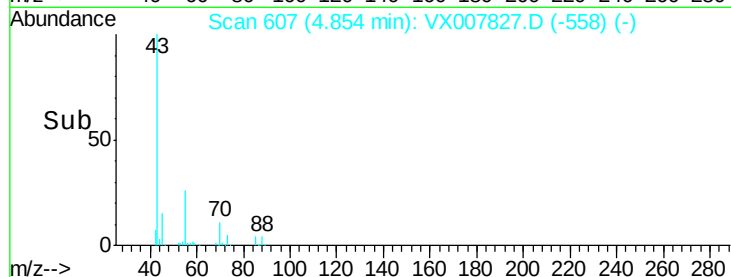
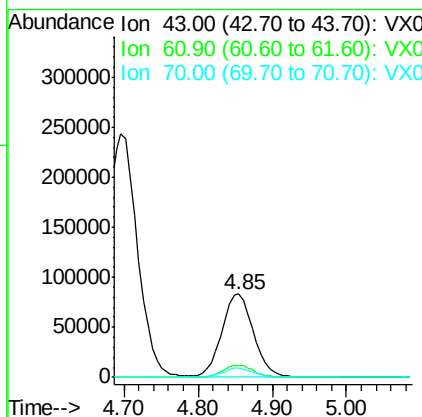
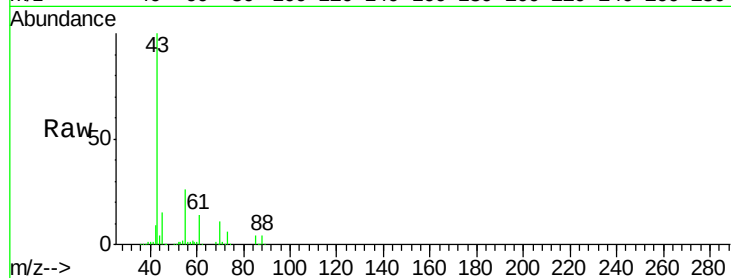
#37
Ethyl Acetate
Concen: 51.627 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	247302
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.8	8.6	13.0

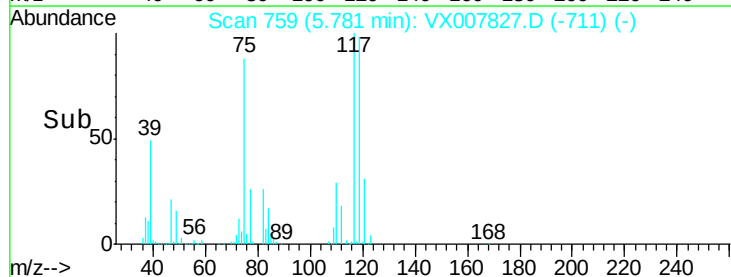
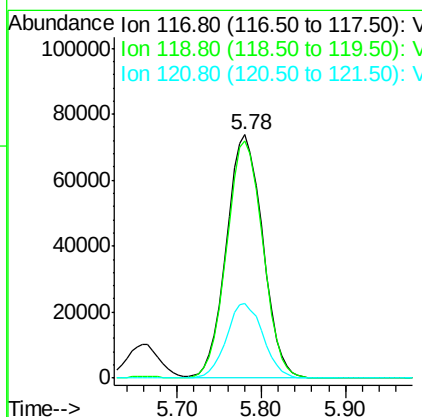
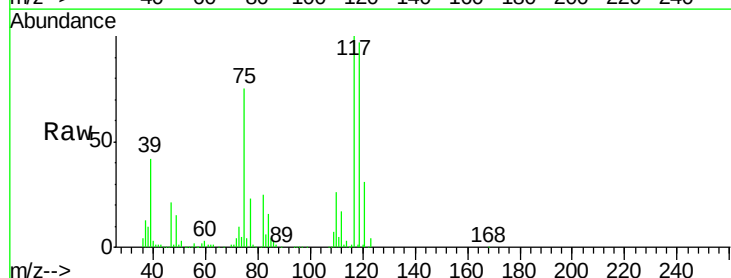
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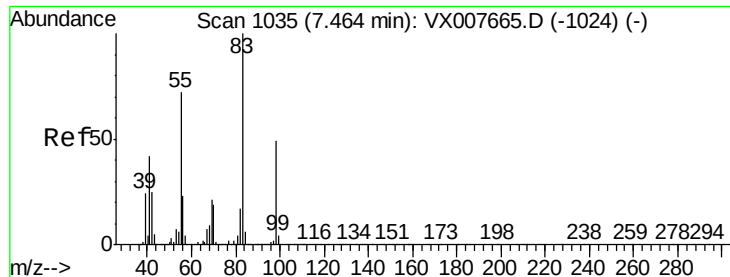
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#38
Carbon Tetrachloride
Concen: 49.804 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion:	117	Resp:	215733
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.3	112.9
121	30.6	25.0	37.4





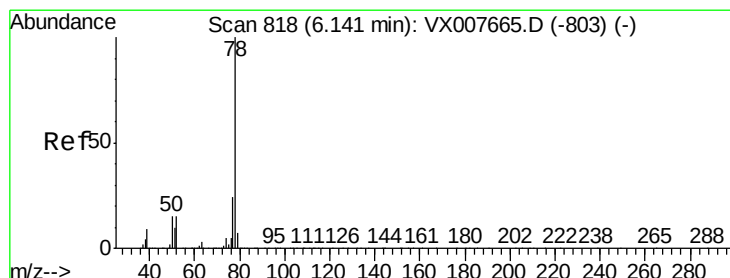
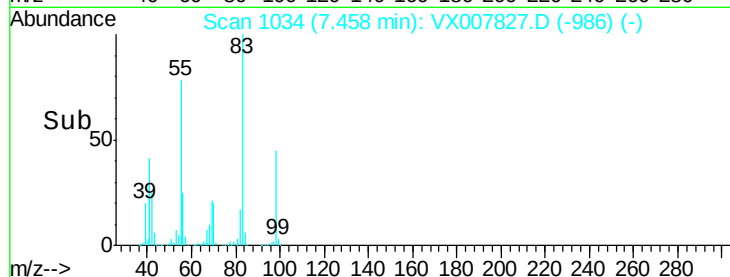
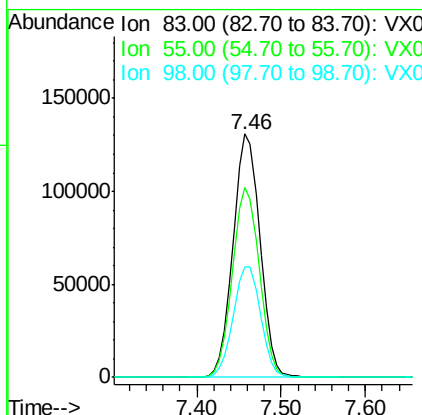
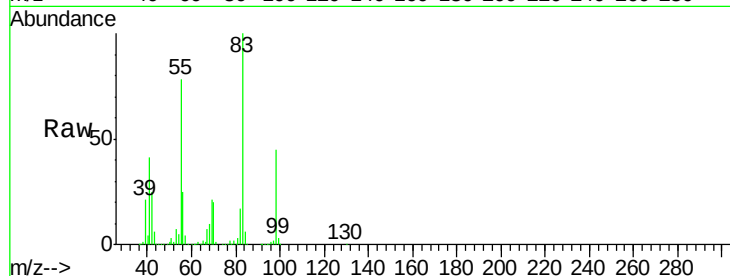
#39
Methylvlcyclohexane
Concen: 51.917 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	282950		
55	78.0		56.2	84.2
98	45.4		36.8	55.2

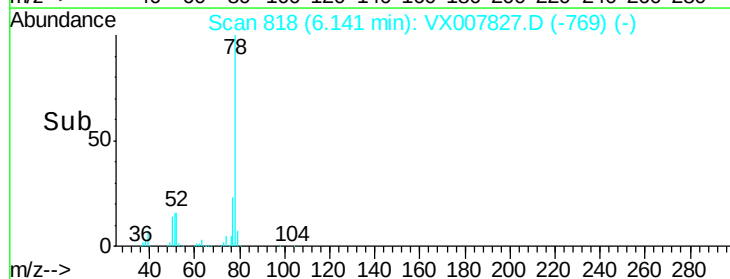
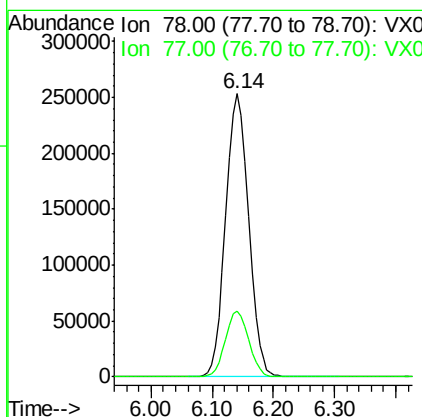
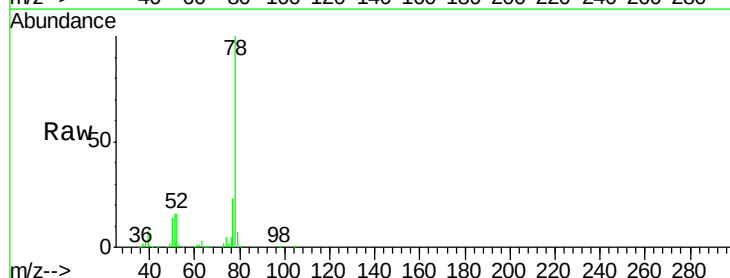
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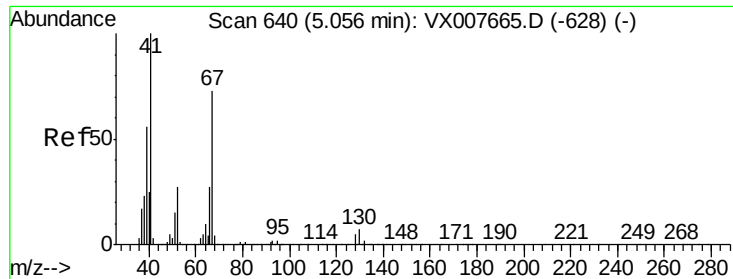
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3/6/2019 9:49:26 AM



#40
Benzene
Concen: 49.414 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	657768		
77	23.3		19.3	28.9





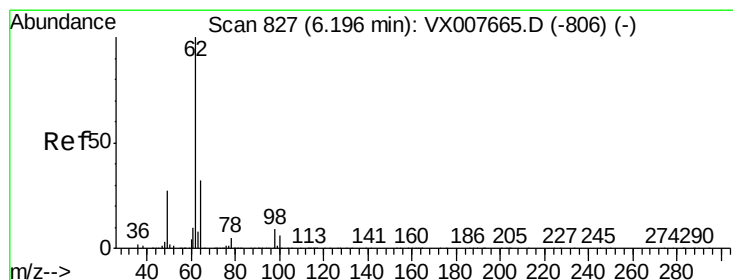
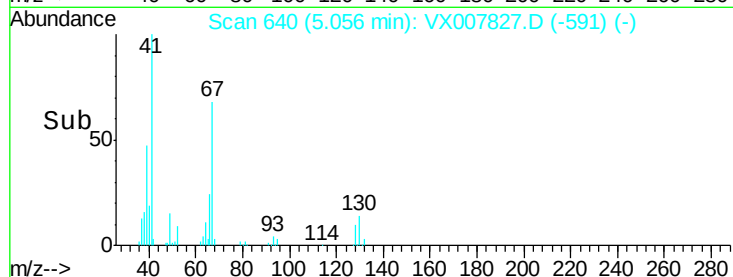
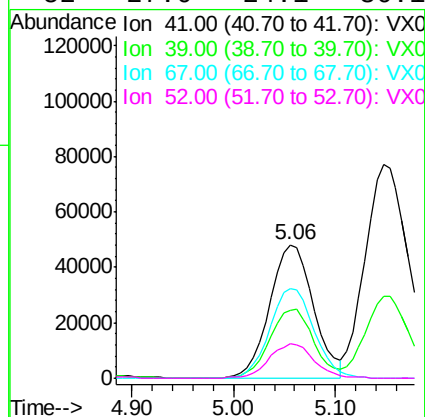
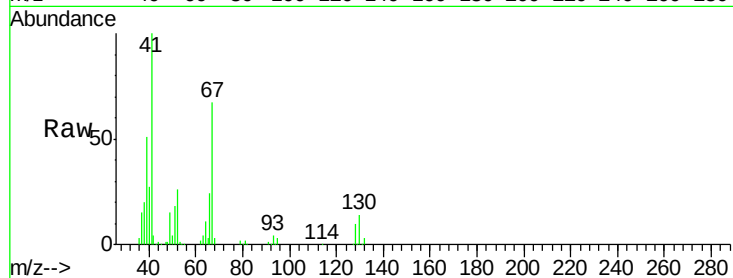
#41
Methacrylonitrile
Concen: 55.819 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	44.5	66.7	
67	68.6	60.4	90.6	
52	27.0	24.1	36.1	

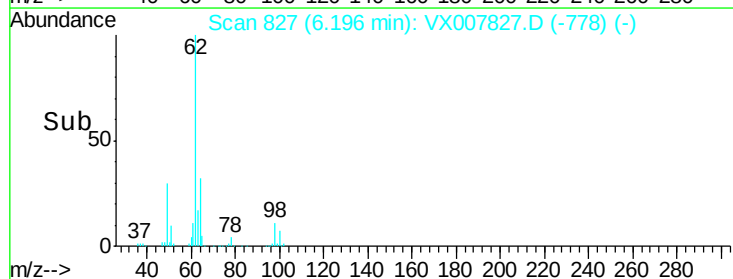
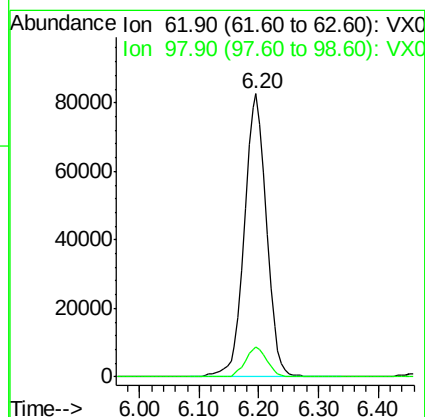
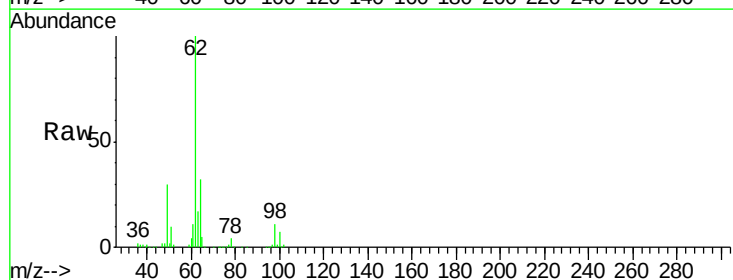
Manual Integrations
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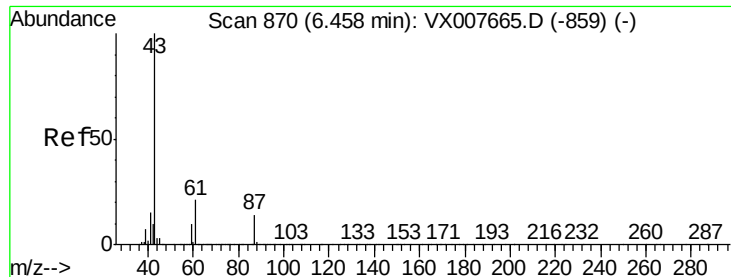
MMDadoda
3/6/2019 9:49:26 AM



#42
1,2-Dichloroethane
Concen: 47.600 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.0	





#43

Isopropyl Acetate

Concen: 52.994 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

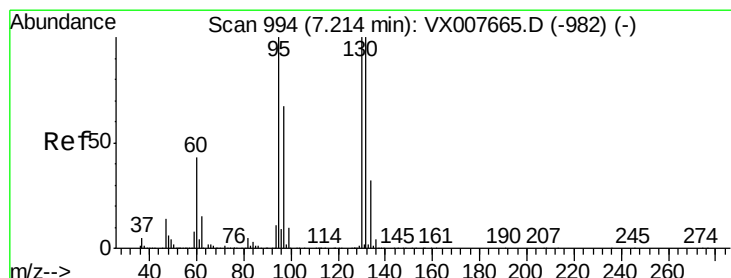
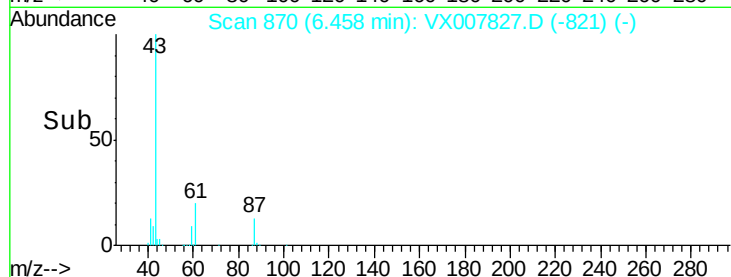
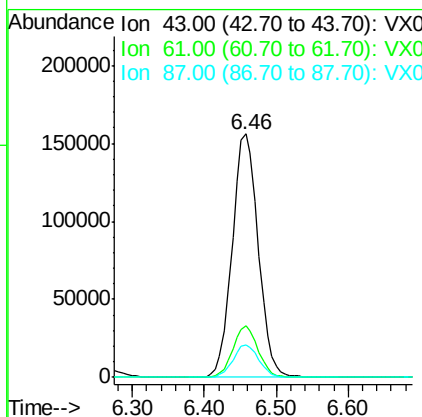
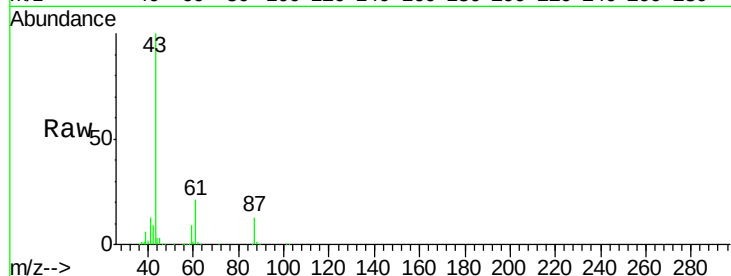
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	390691
Ion Ratio		Lower	Upper
43	100		
61	20.6	16.1	24.1
87	13.2	11.5	17.3

Manual Integrations
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3/6/2019 9:49:26 AM



#44

Trichloroethene

Concen: 49.630 ug/l

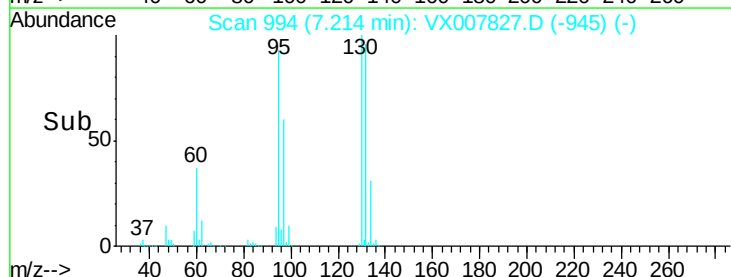
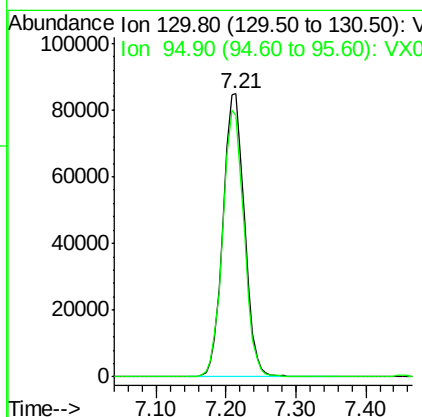
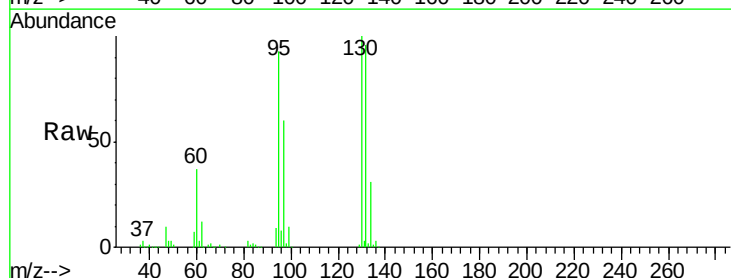
RT: 7.21 min Scan# 994

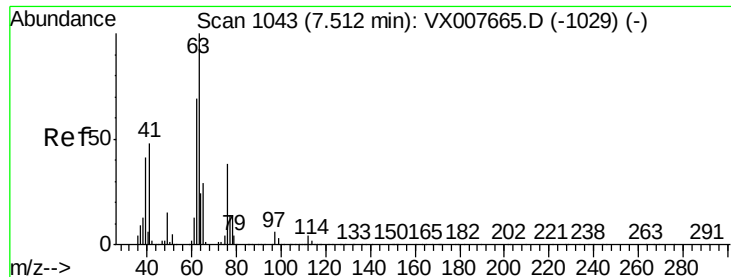
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	130	Resp:	181739
Ion Ratio		Lower	Upper
130	100		
95	92.7	0.0	180.0





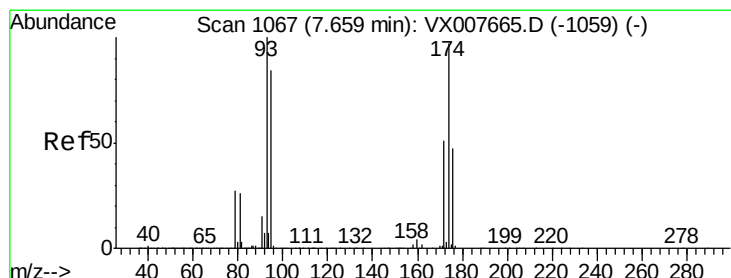
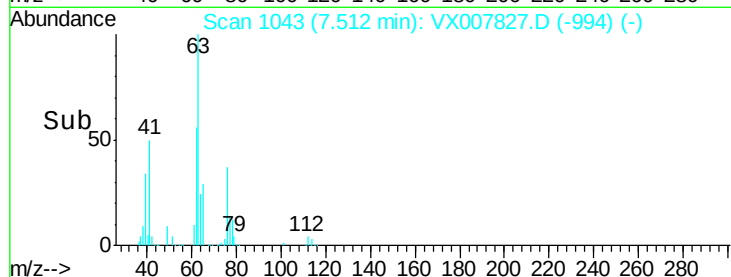
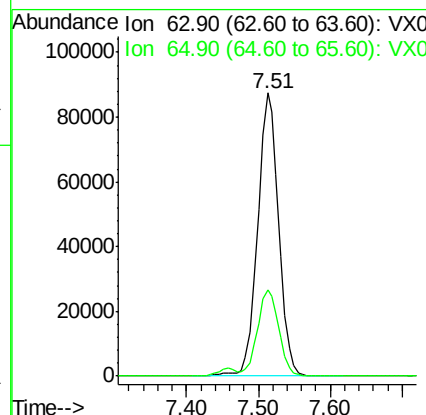
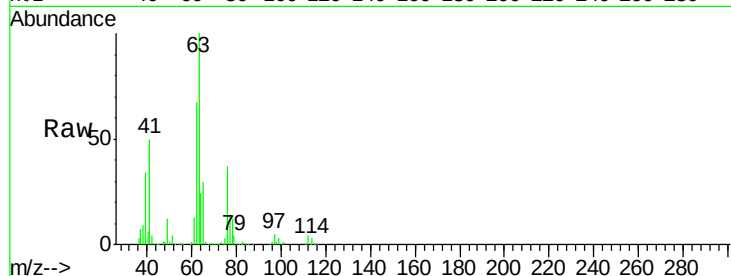
#45
 1,2-Dichloropropane
 Concen: 51.296 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.2	36.2

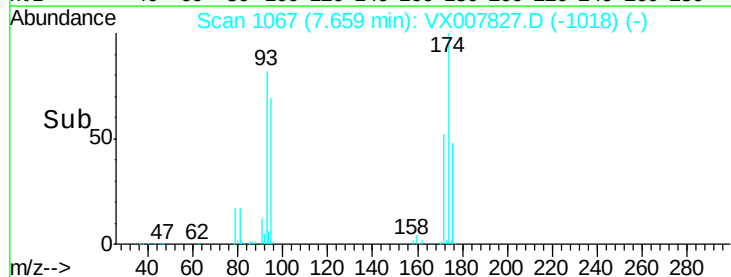
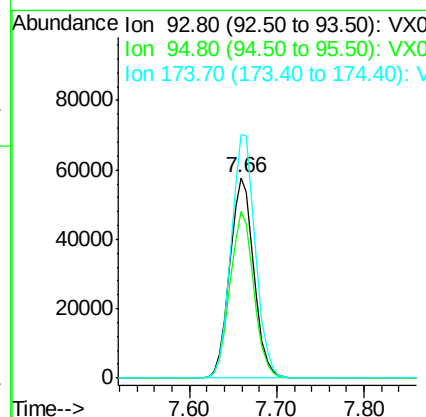
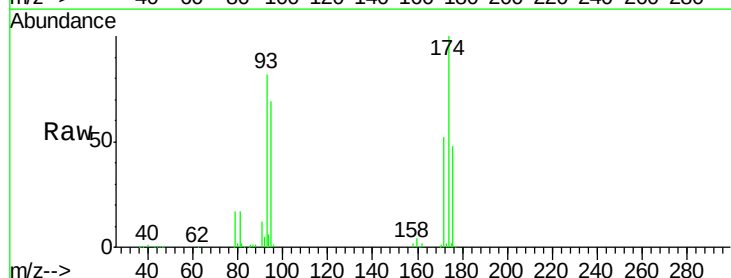
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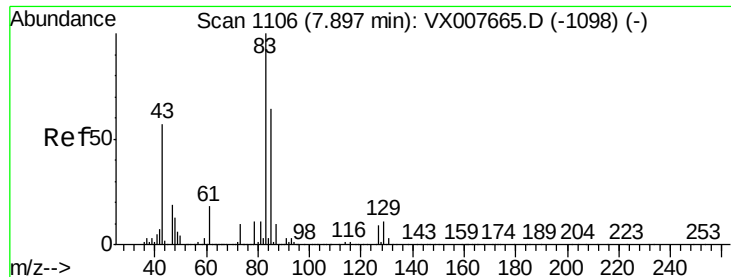
MMDadoda
 3/6/2019 9:49:26 AM



#46
 Dibromomethane
 Concen: 45.848 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.6	101.4
174	122.4	94.2	141.4





#47

Bromodichloromethane

Concen: 51.976 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

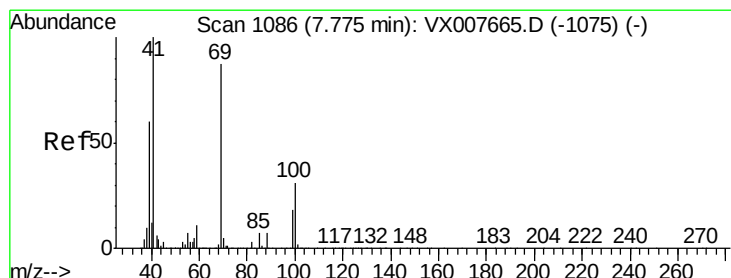
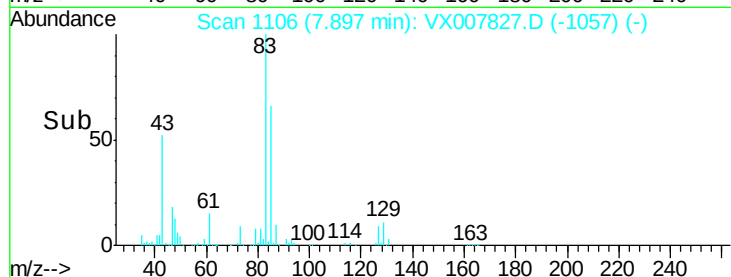
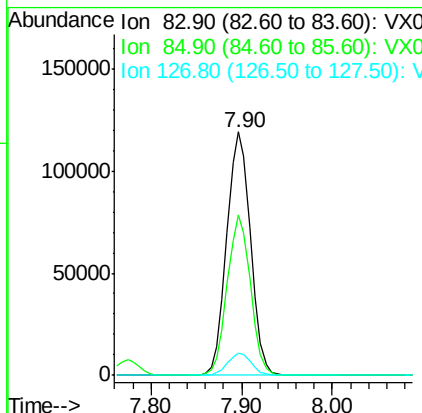
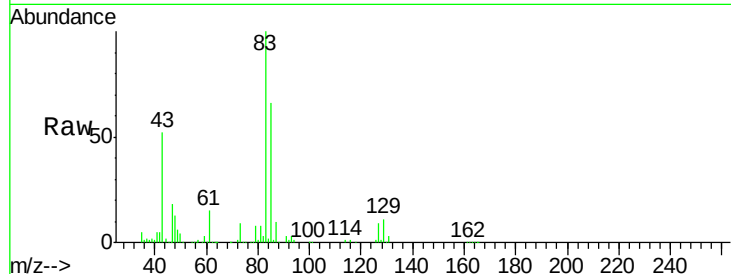
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	216679
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.0
127	9.0	8.1	12.1

Manual Integrations
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3/6/2019 9:49:26 AM



#48

Methyl methacrylate

Concen: 52.761 ug/l

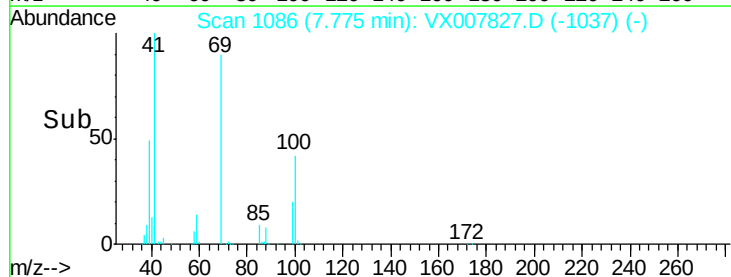
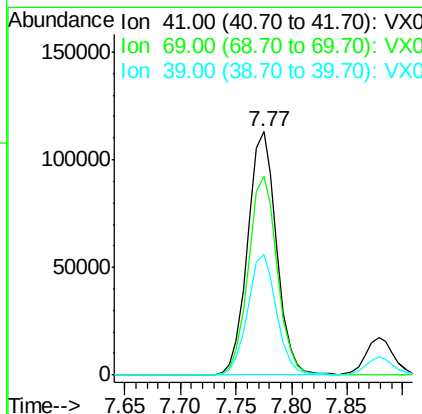
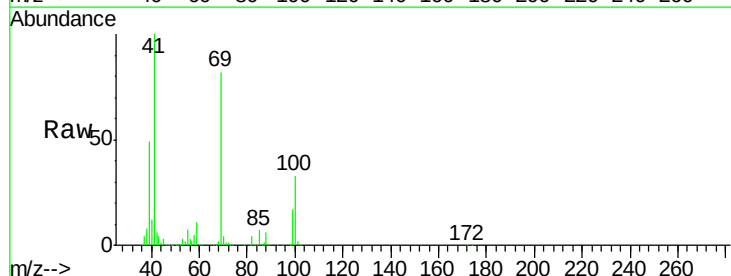
RT: 7.77 min Scan# 1086

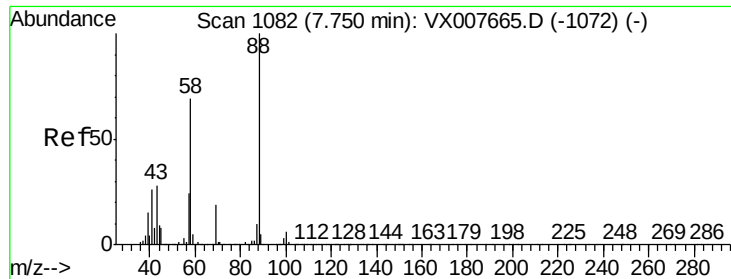
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	41	Resp:	203891
Ion	Ratio	Lower	Upper
41	100		
69	82.2	70.2	105.4
39	49.6	47.4	71.0





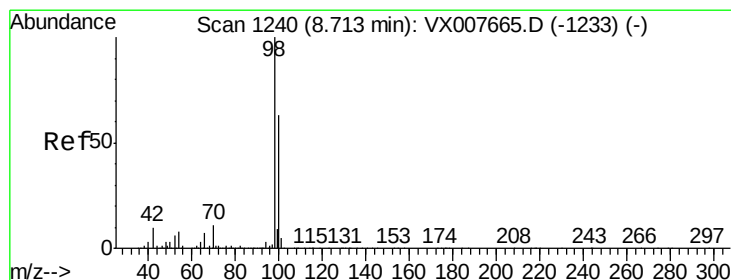
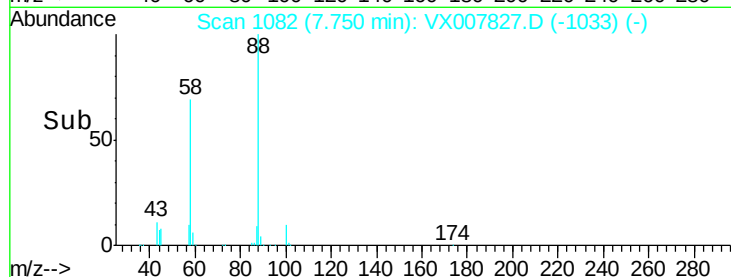
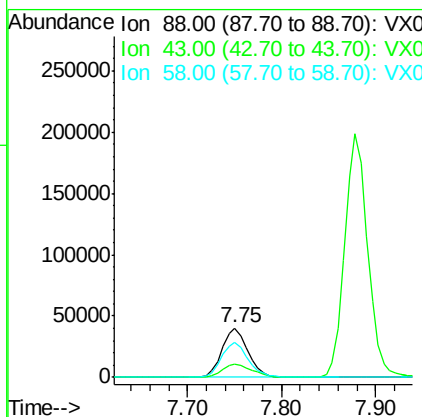
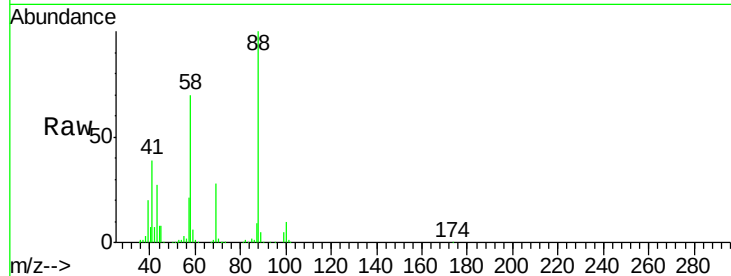
#49
1,4-Dioxane
Concen: 923.042 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.2	36.4
58	72.5	53.0	79.4

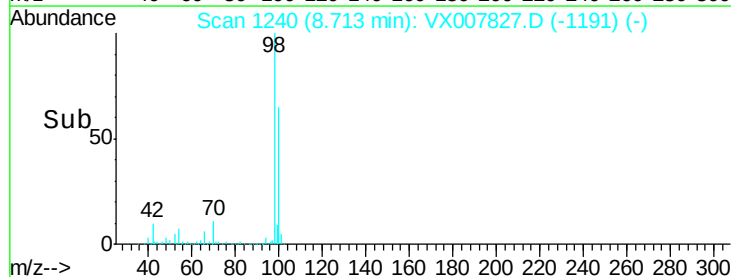
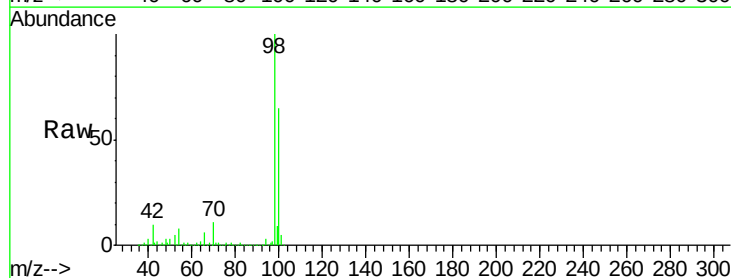
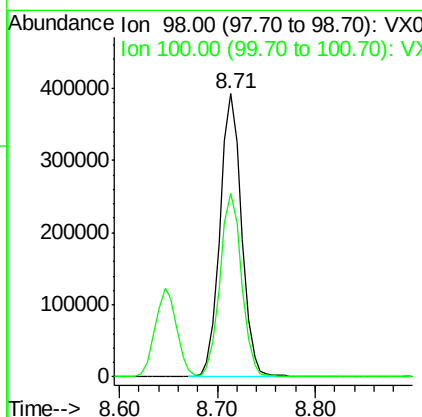
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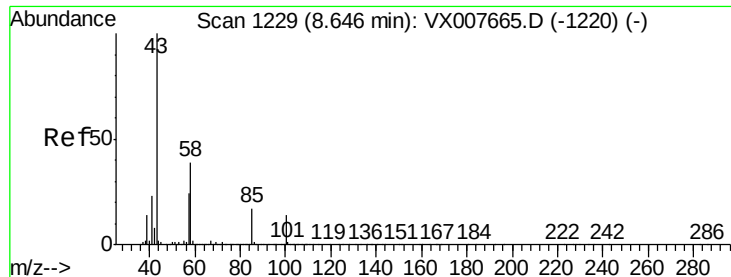
MMDadoda
3/6/2019 9:49:26 AM



#50
Toluene-d8
Concen: 49.061 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 249.014 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1228849

Ion Ratio Lower Upper

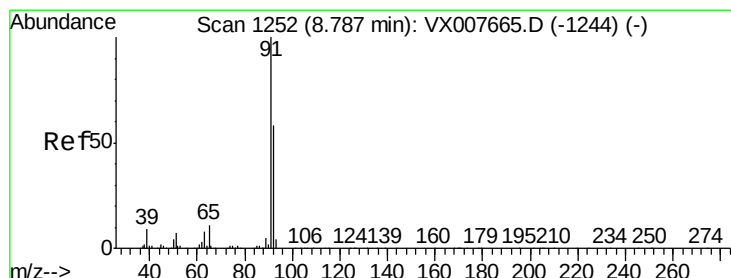
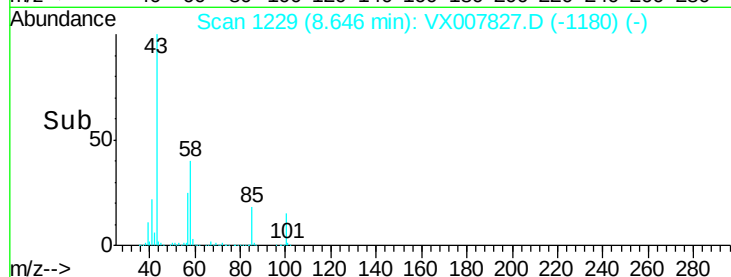
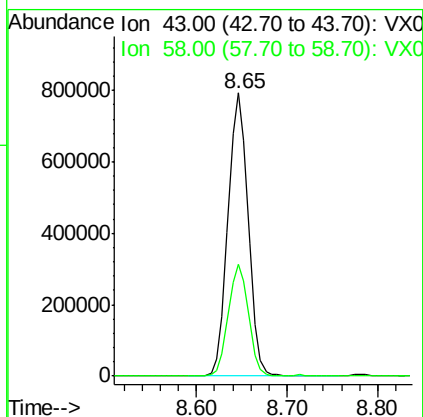
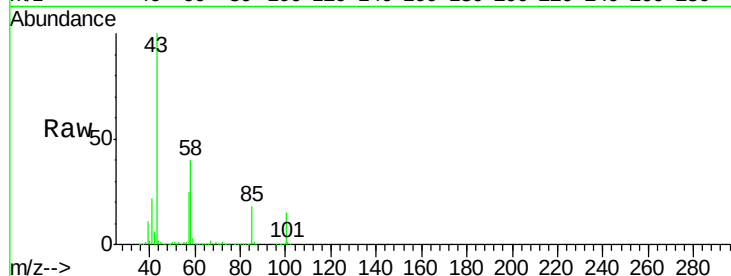
43 100

58 39.3 31.2 46.8

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3/6/2019 9:49:26 AM



#52

Toluene

Concen: 48.605 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007827.D

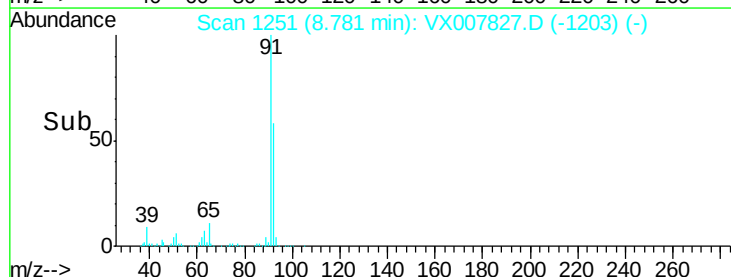
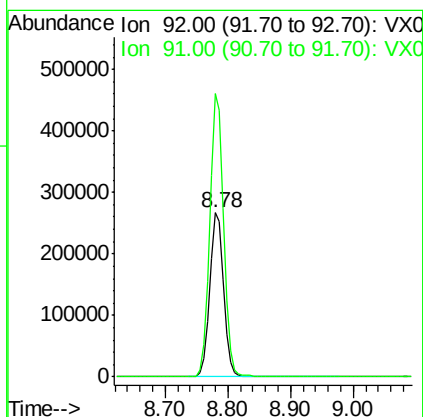
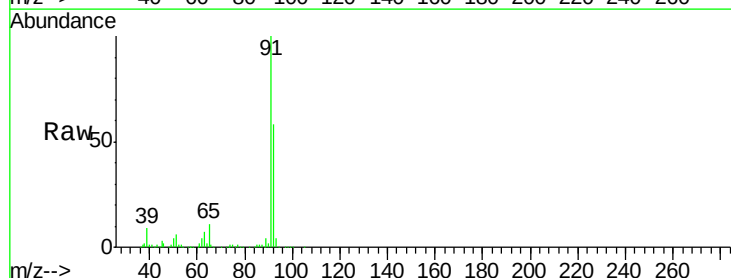
Acq: 05 Mar 2019 10:22

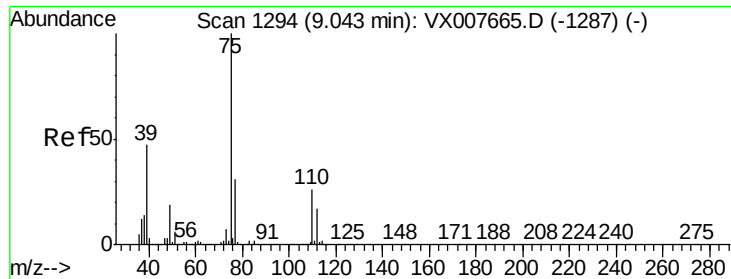
Tgt Ion: 92 Resp: 407992

Ion Ratio Lower Upper

92 100

91 172.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 47.493 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 245373

Ion Ratio Lower Upper

75 100

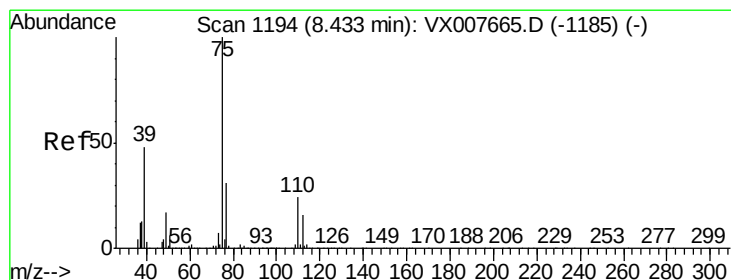
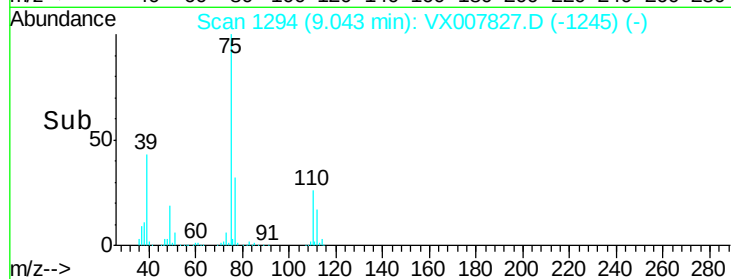
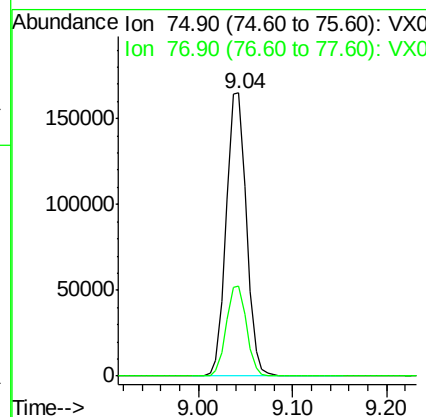
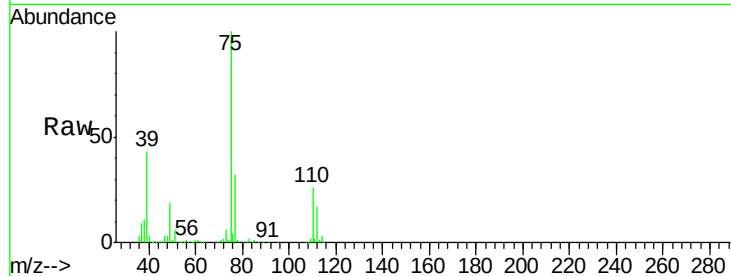
77 31.6 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.353 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

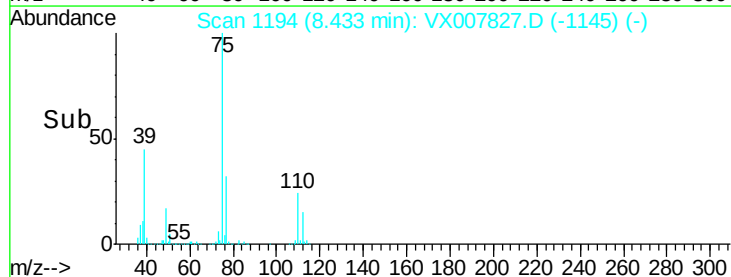
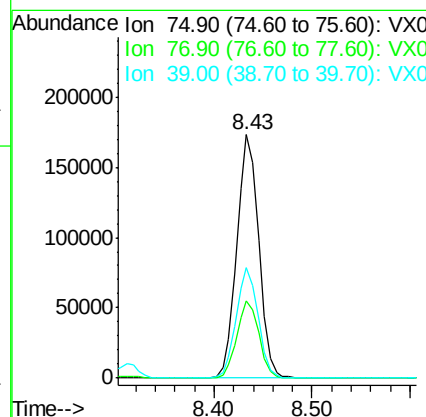
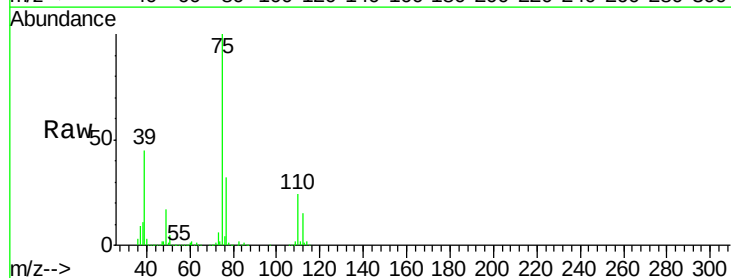
Tgt Ion: 75 Resp: 269912

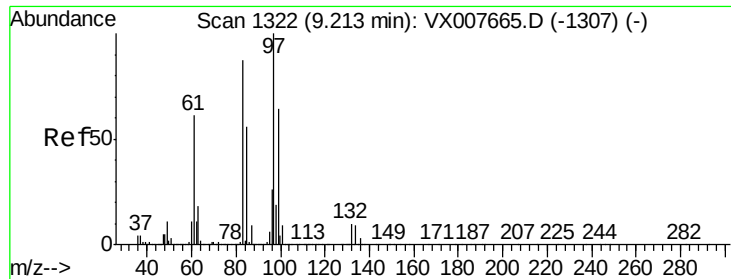
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4

39 45.2 37.1 55.7





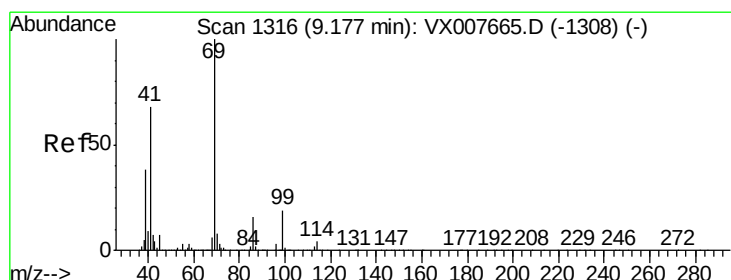
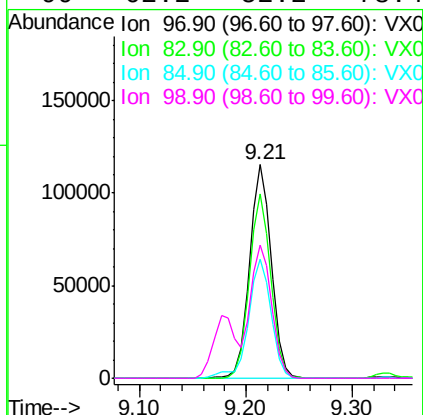
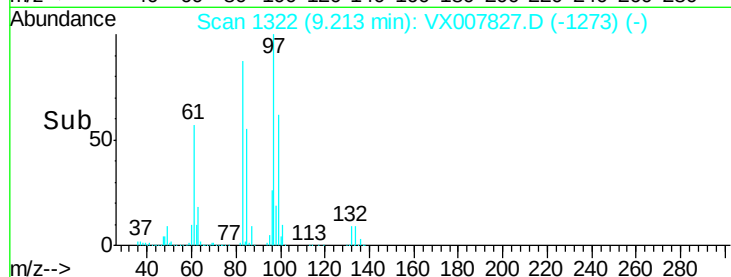
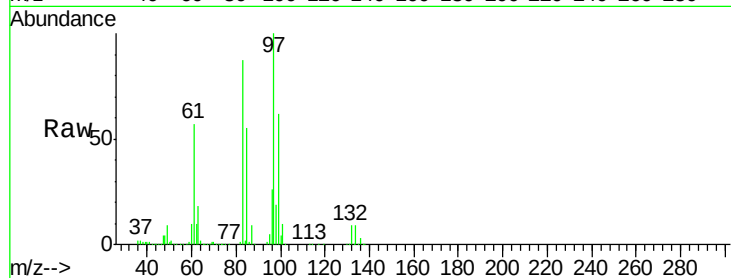
#55
 1,1,2-Trichloroethane
 Concen: 47.370 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		165811		
83	86.6	68.6	102.8		
85	55.5	44.5	66.7		
99	62.2	52.2	78.4		

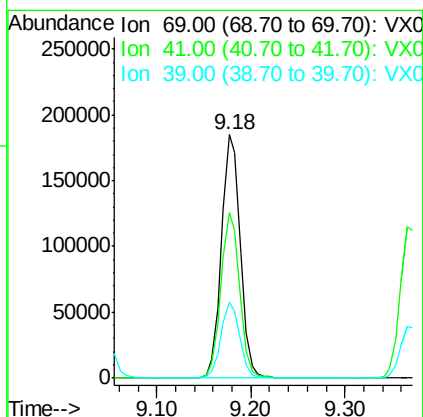
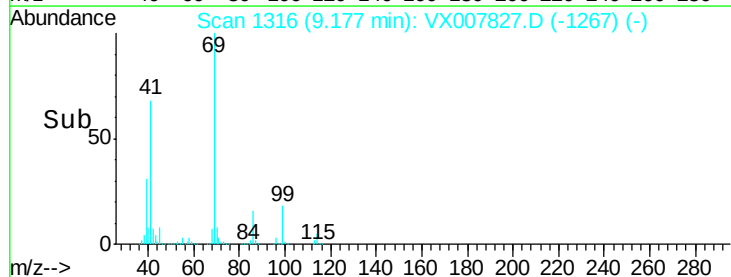
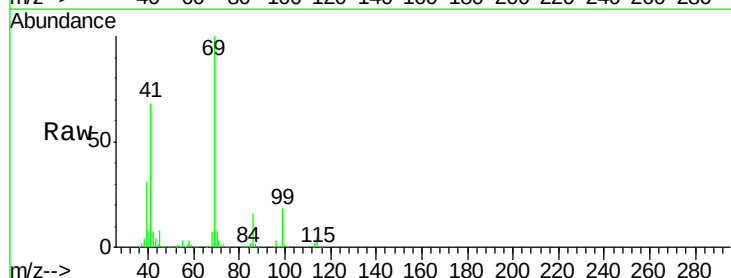
Manual Integrations
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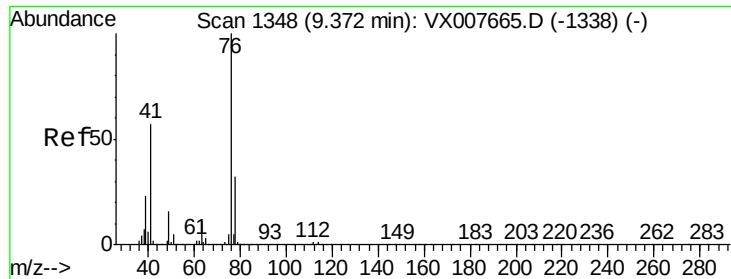
MMDadoda
 3/6/2019 9:49:26 AM



#56
 Ethyl methacrylate
 Concen: 51.473 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		256222		
41	67.5	52.1	78.1		
39	31.1	30.1	45.1		





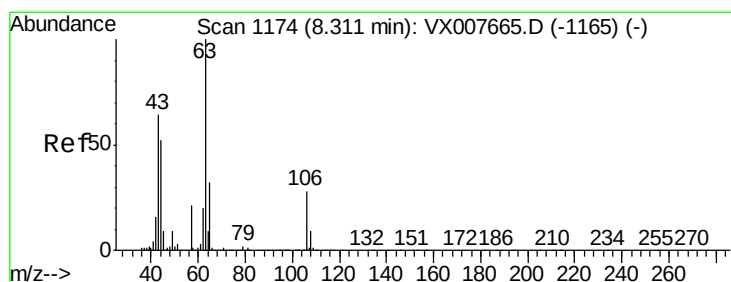
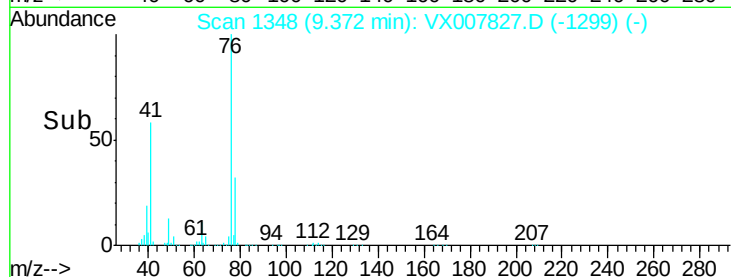
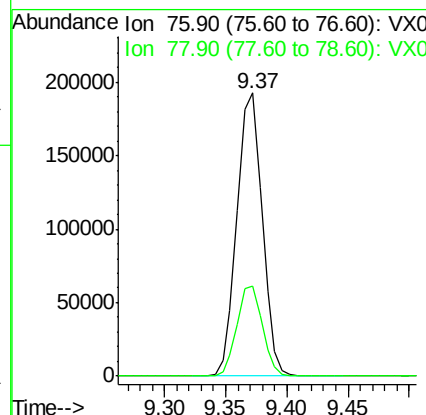
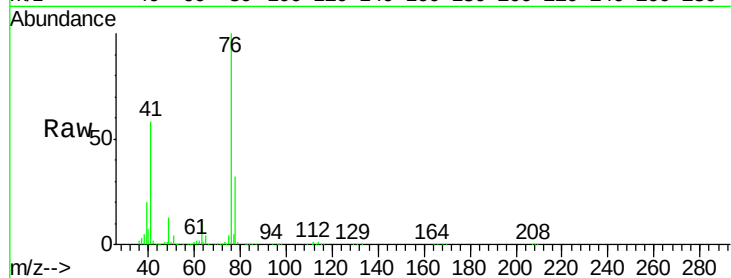
#57
 1,3-Dichloropropane
 Concen: 49.324 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

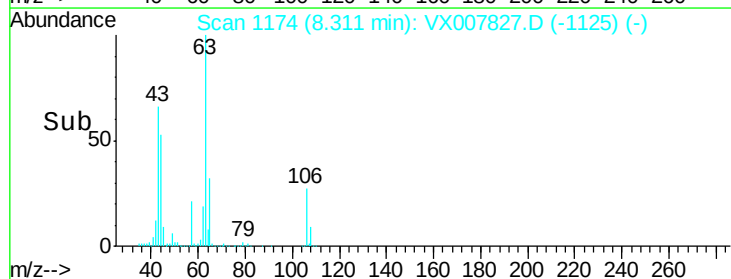
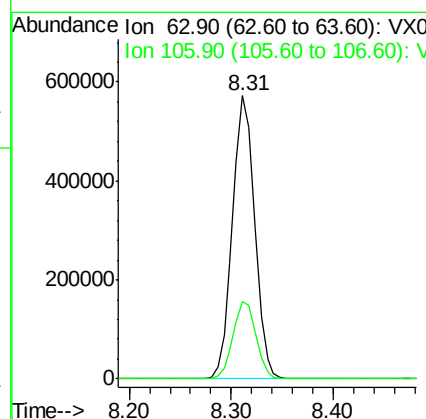
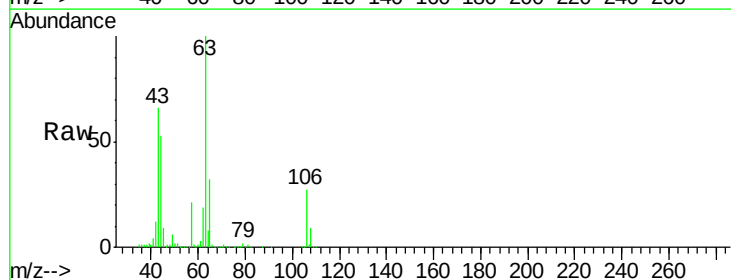
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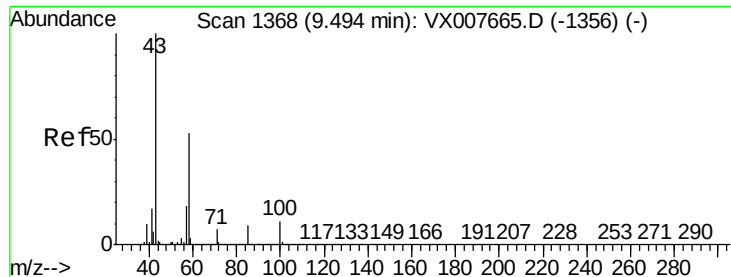
MMDadoda
 3/6/2019 9:49:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 314.122 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	23.6	35.4





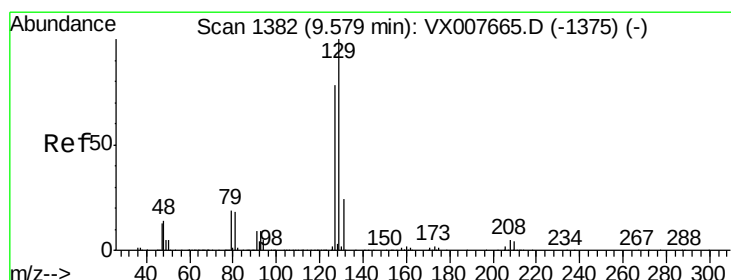
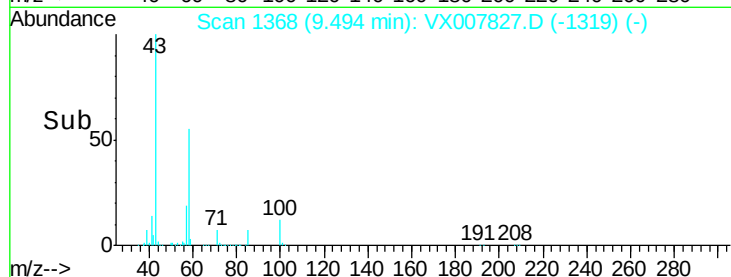
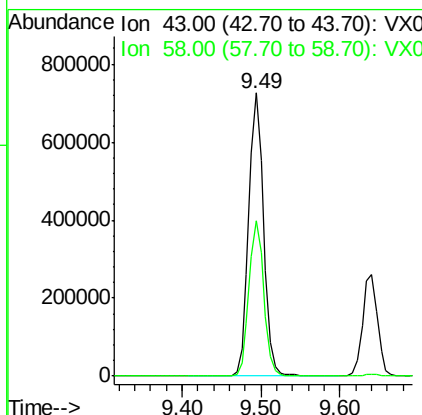
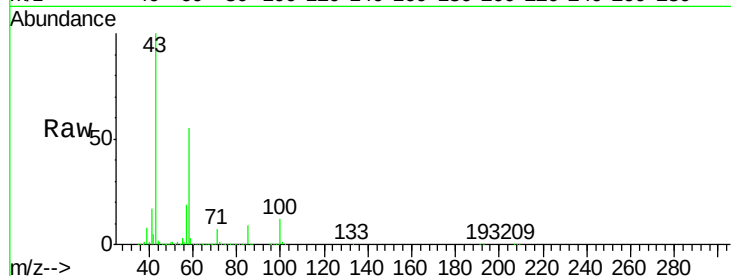
#59
2-Hexanone
Concen: 245.870 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.1	81.3

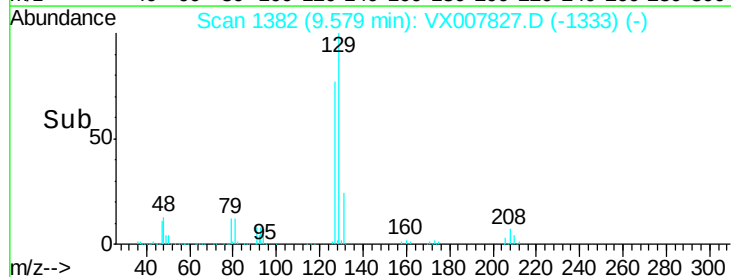
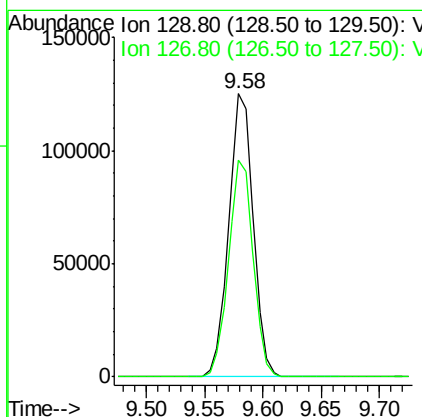
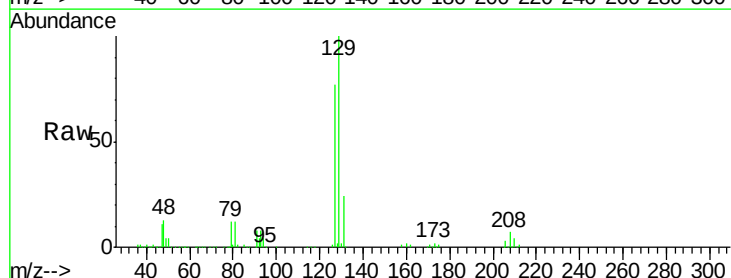
Manual Integrations
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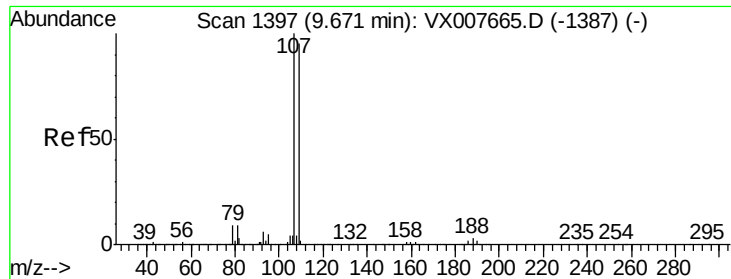
MMDadoda
3/6/2019 9:49:26 AM



#60
Dibromochloromethane
Concen: 54.420 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	37.8	113.4





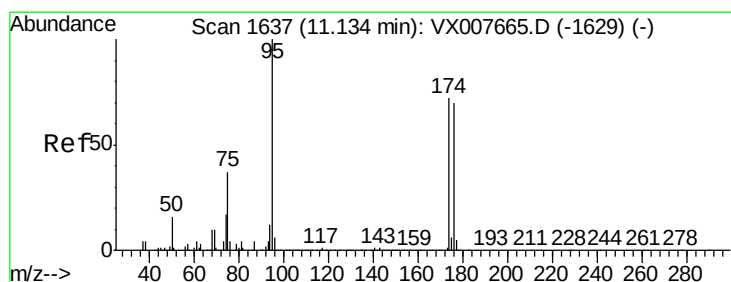
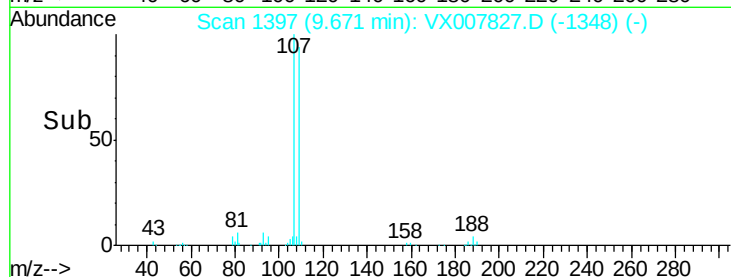
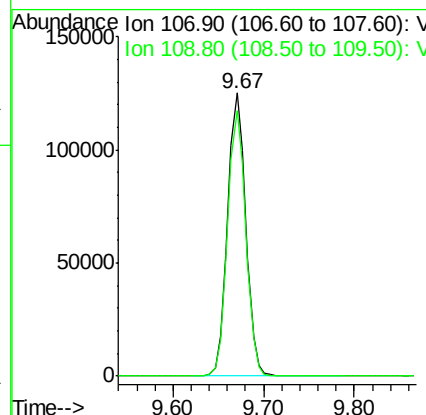
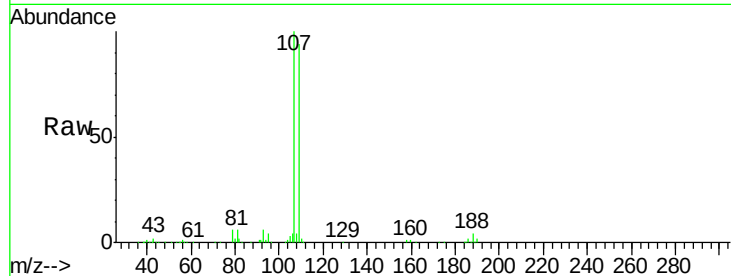
#61
 1,2-Dibromoethane
 Concen: 48.251 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	175358		
109	94.3	75.1	112.7	

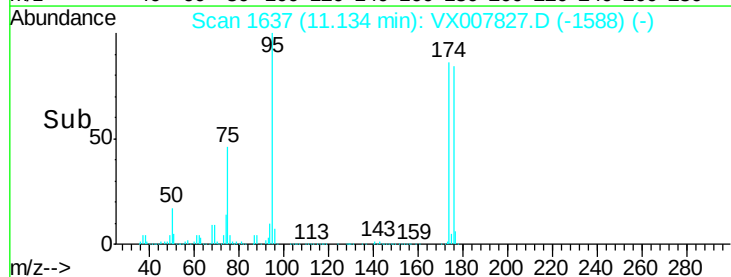
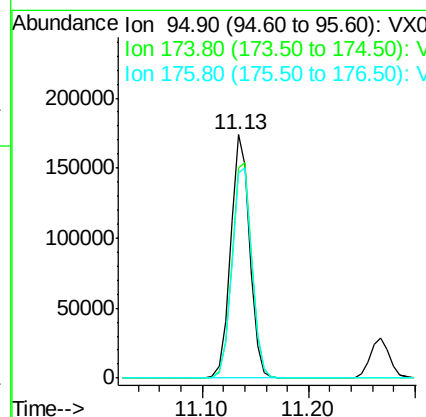
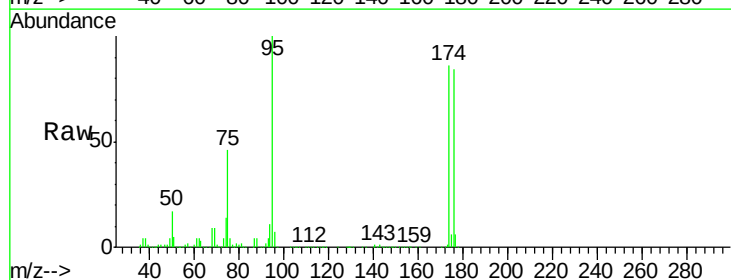
Manual Integrations
 APPROVED

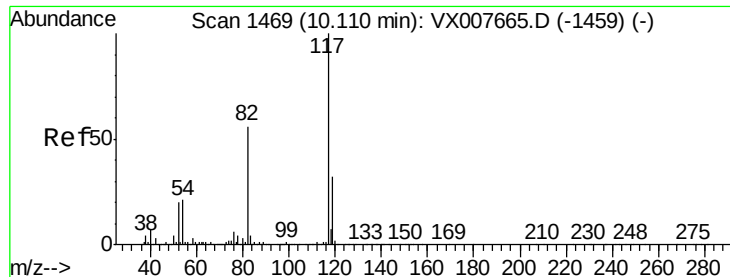
MMDadoda
 3/6/2019 9:49:26 AM



#62
 4-Bromofluorobenzene
 Concen: 48.171 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	217027		
174	92.6	0.0	189.2	
176	90.5	0.0	186.2	





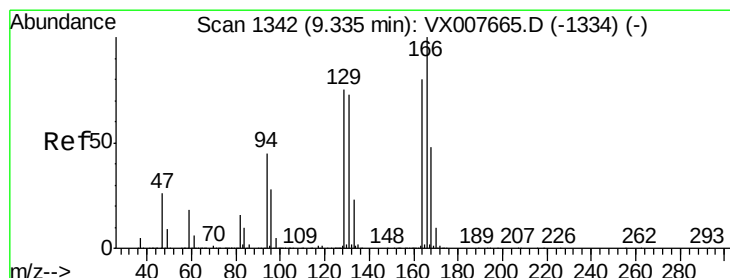
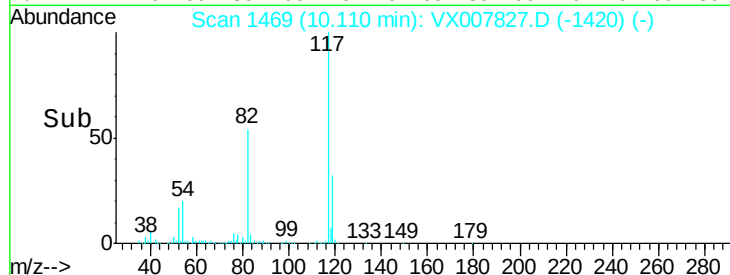
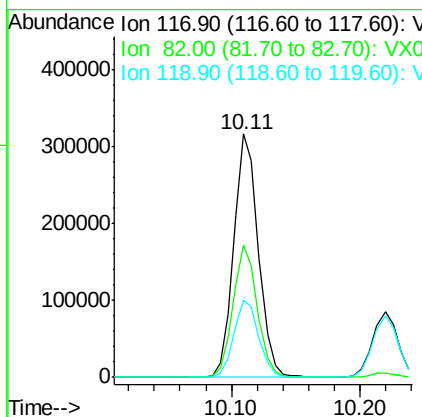
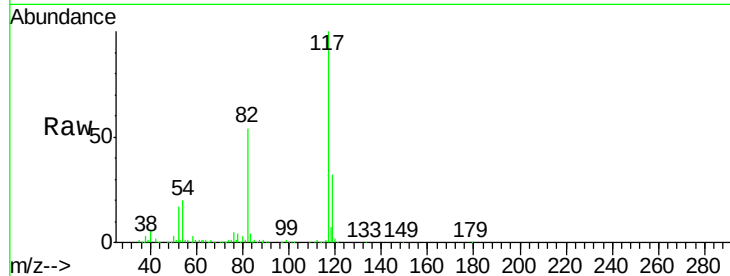
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	420400		
82	54.2	42.1	63.1	
119	31.8	26.5	39.7	

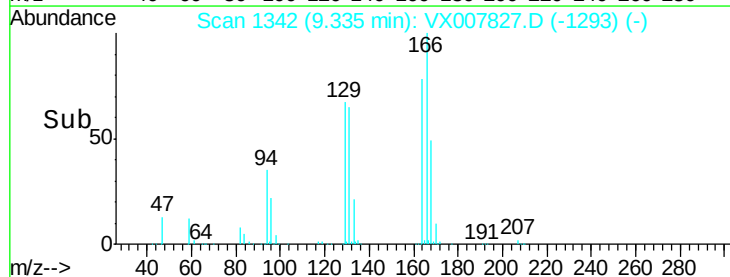
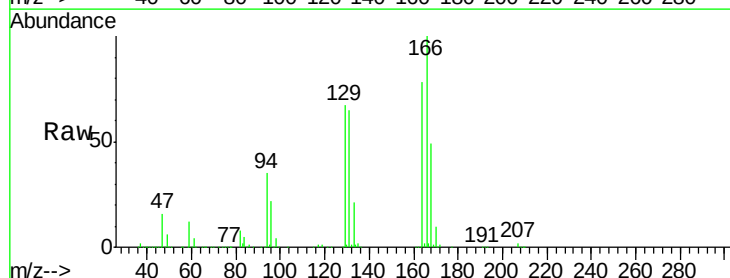
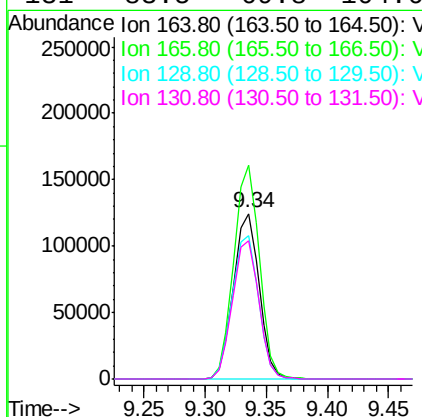
Manual Integrations
APPROVED

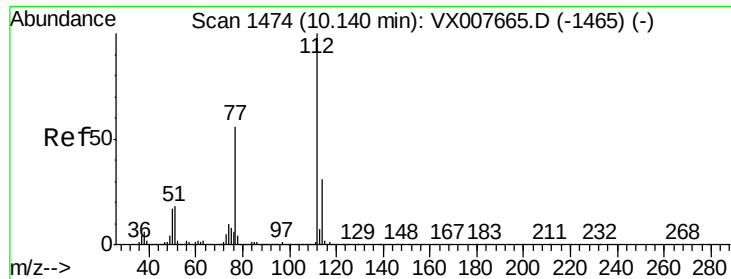
MMDadoda
3/6/2019 9:49:26 AM



#64
Tetrachloroethene
Concen: 53.078 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181150		
166	129.0	101.0	151.4	
129	86.5	70.5	105.7	
131	83.5	69.8	104.6	





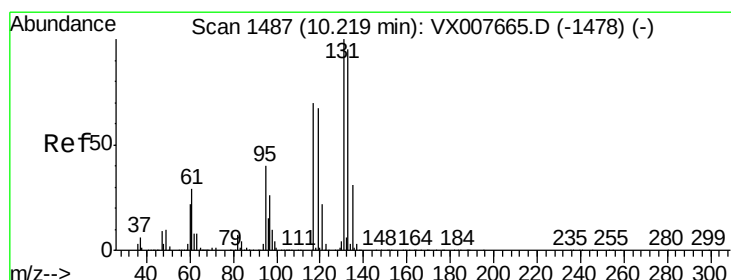
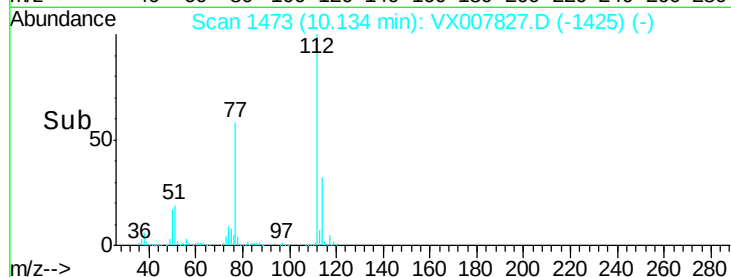
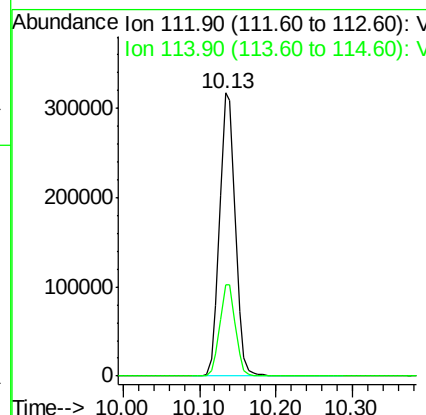
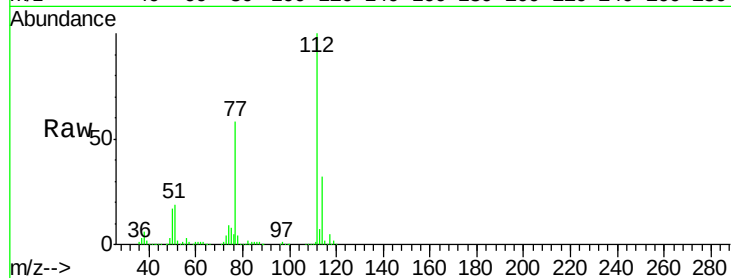
#65
Chlorobenzene
Concen: 49.448 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 449603
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

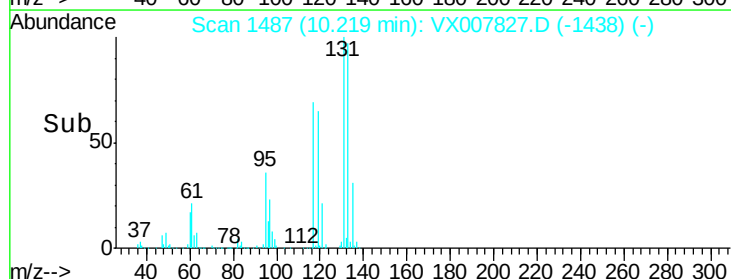
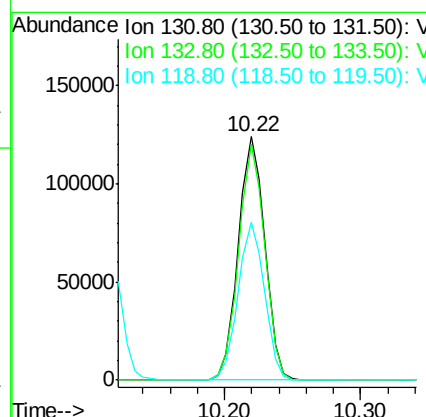
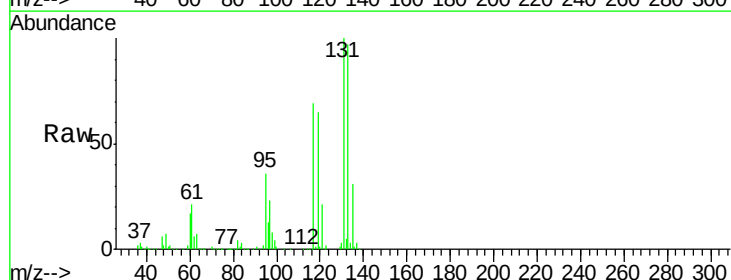
Manual Integrations
APPROVED

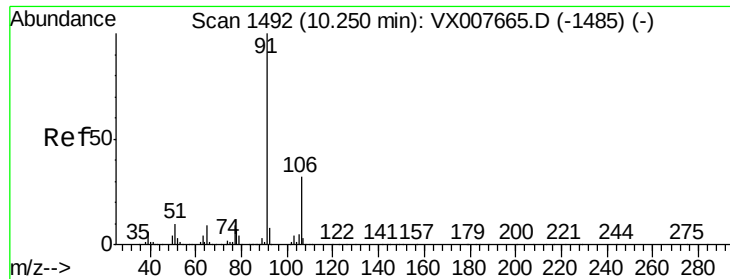
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.042 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion:131 Resp: 168229
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 64.9 32.0 96.0





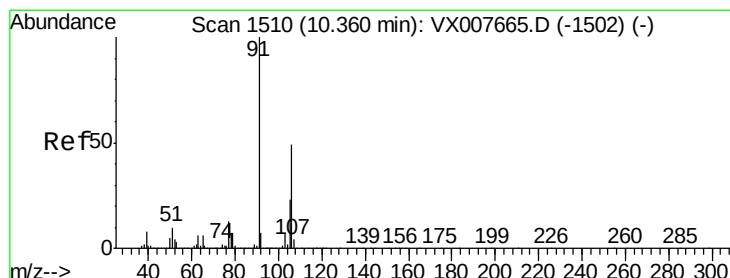
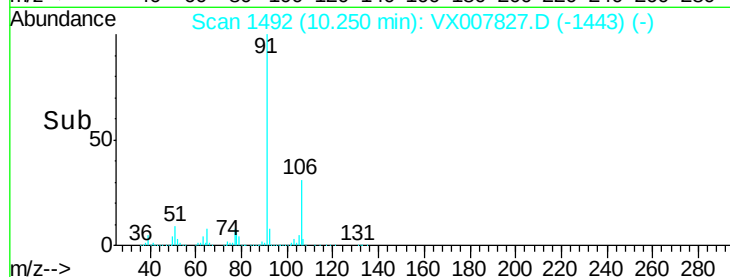
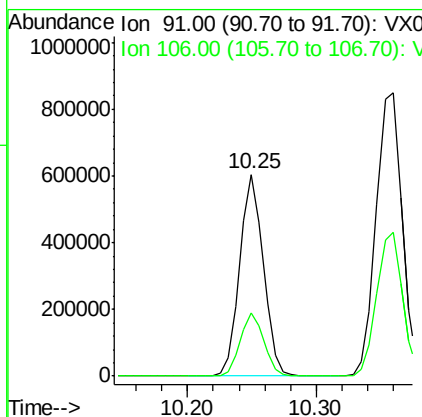
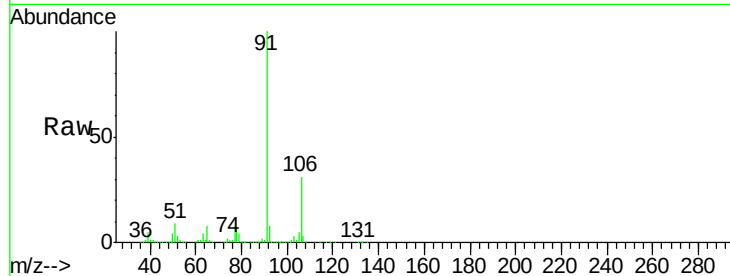
#67
Ethyl Benzene
Concen: 51.320 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.4	38.0

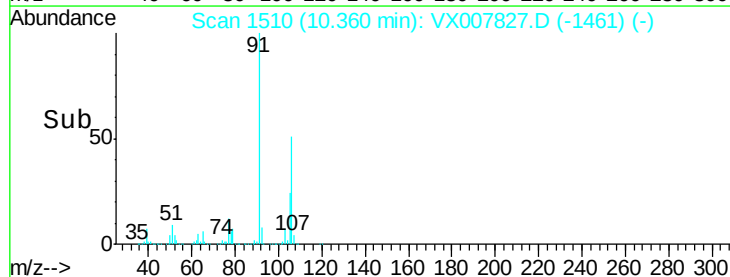
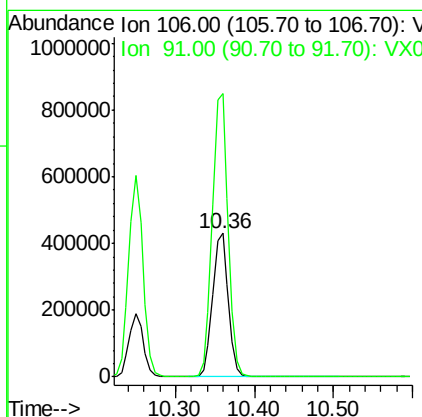
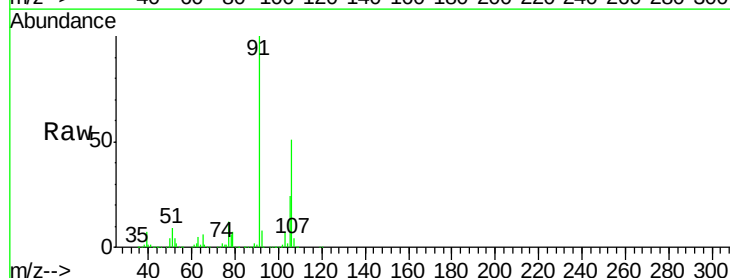
Manual Integrations
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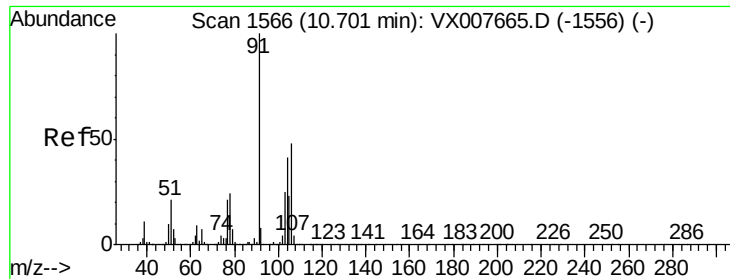
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3/6/2019 9:49:26 AM



#68
m/p-Xylenes
Concen: 101.396 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.8	156.6	234.8





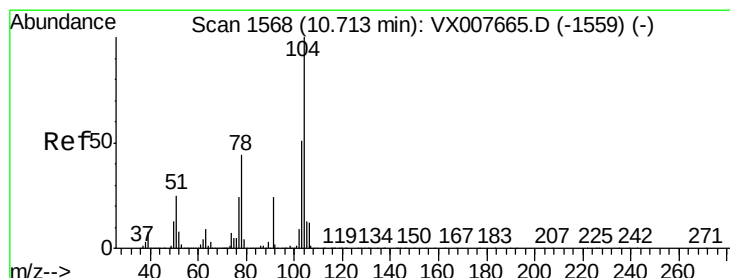
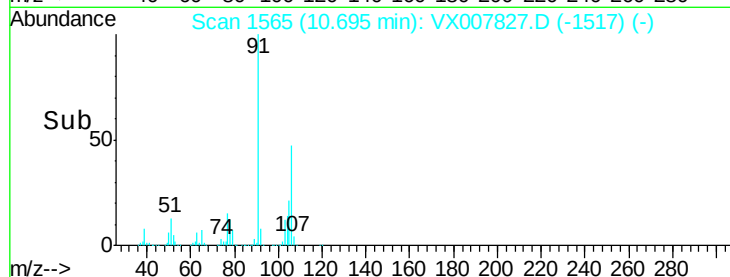
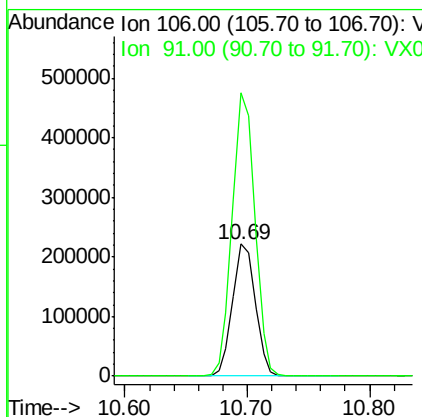
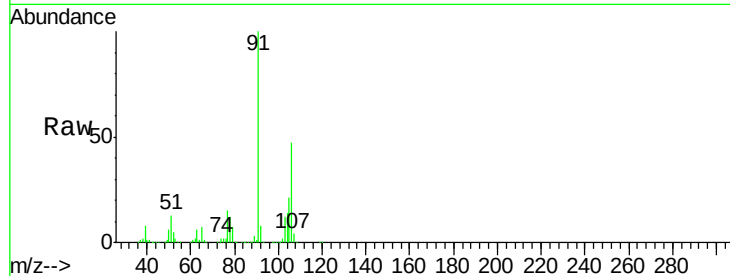
#69
o-Xylene
Concen: 50.651 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	102.9	308.7

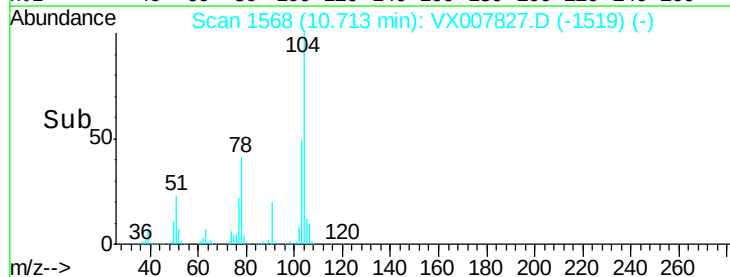
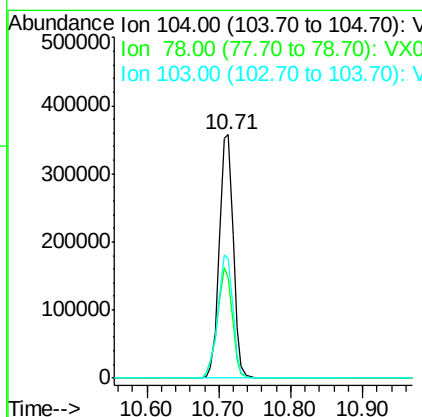
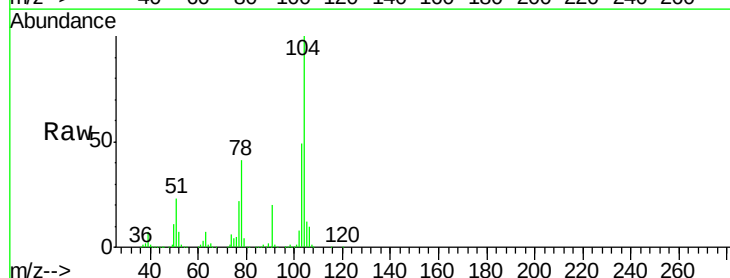
Manual Integrations
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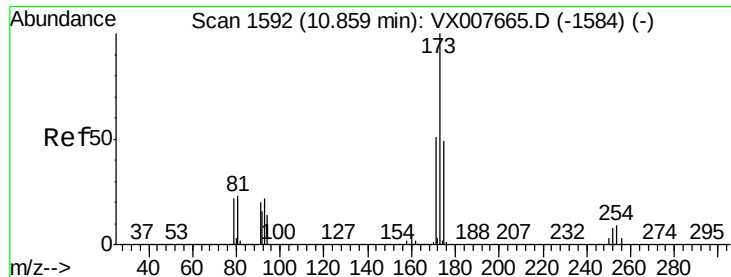
MMDadoda
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#70
Styrene
Concen: 51.547 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.3	57.5
103	54.9	44.6	67.0





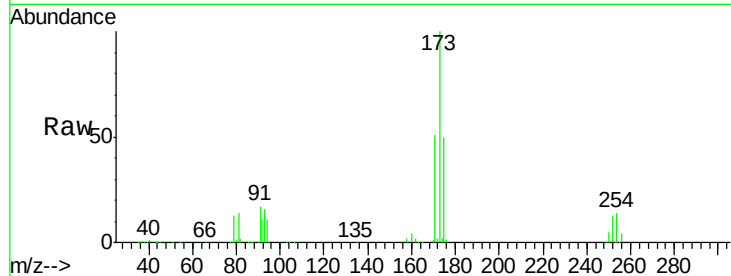
#71
Bromoform
Concen: 60.931 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.2	0.2	0.2

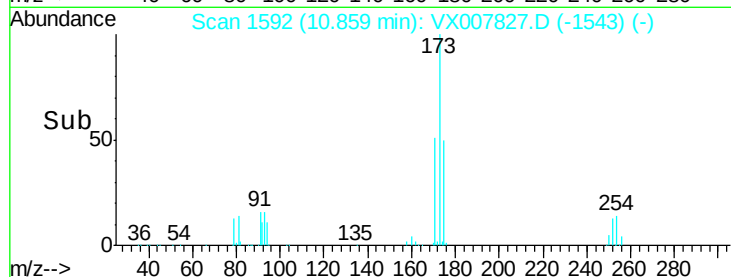
Manual Integrations
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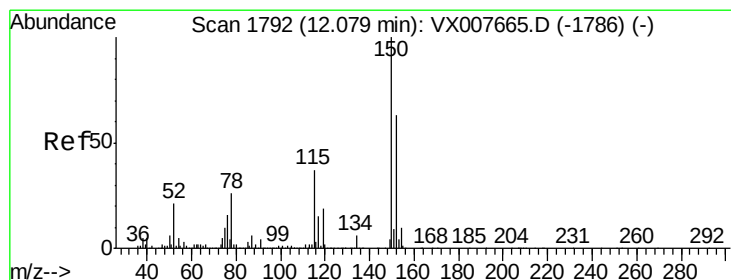


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

10.86

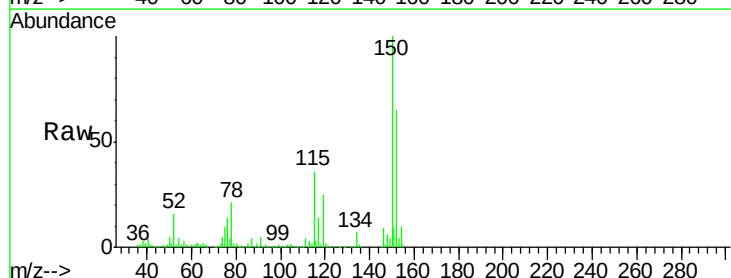


Time-->



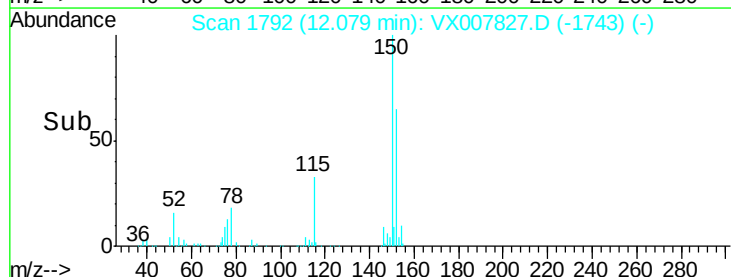
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.2	38.0	114.0
150	173.2	0.0	346.4

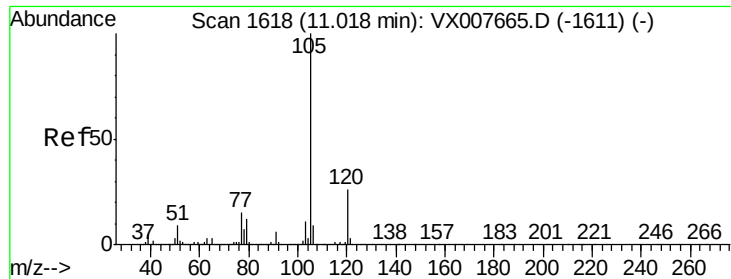


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

12.08



Time-->



#73

Isopropylbenzene

Concen: 49.012 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 778000

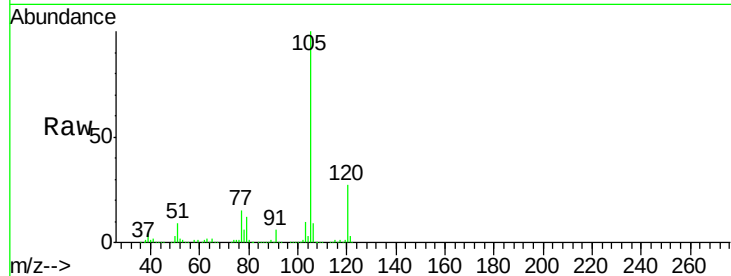
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7

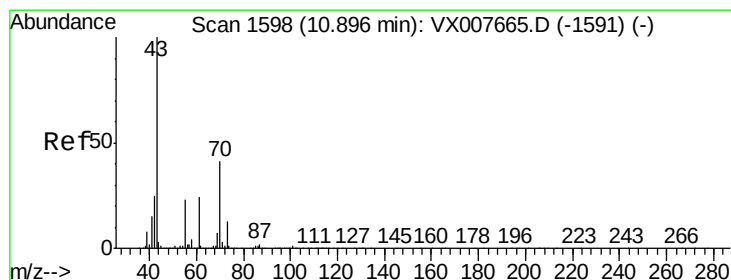
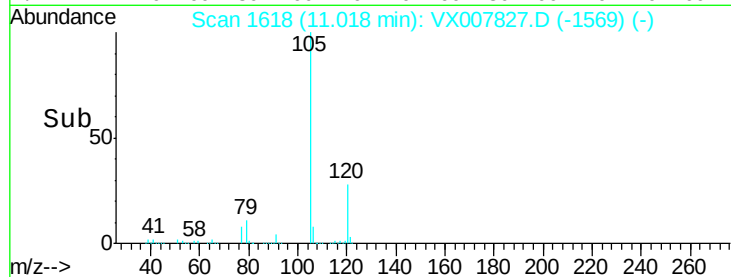
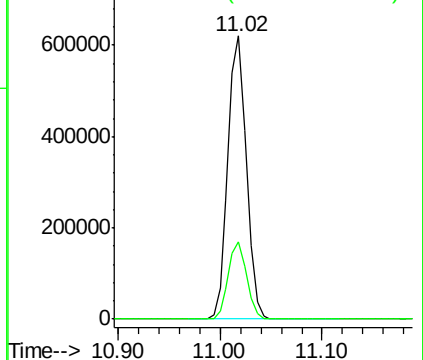
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.287 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion: 43 Resp: 339744

Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 24.3 19.5 29.3

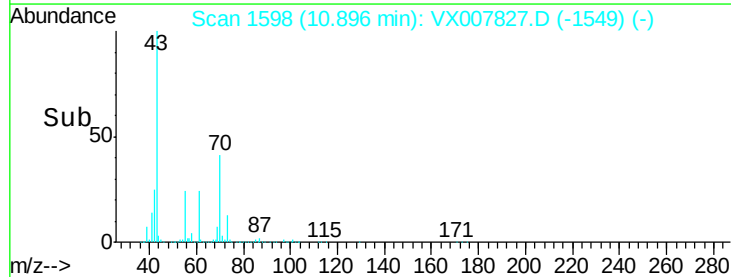
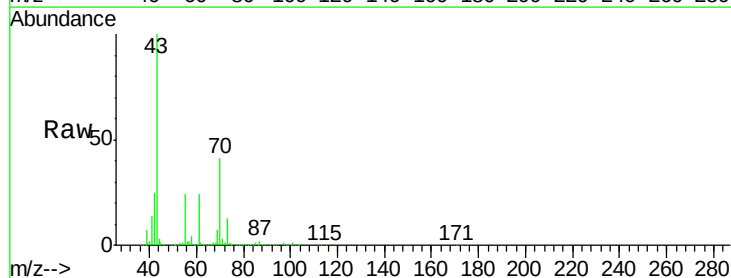
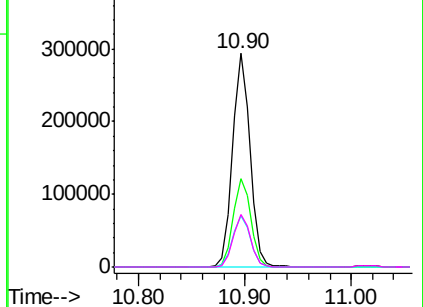
61 24.4 19.4 29.2

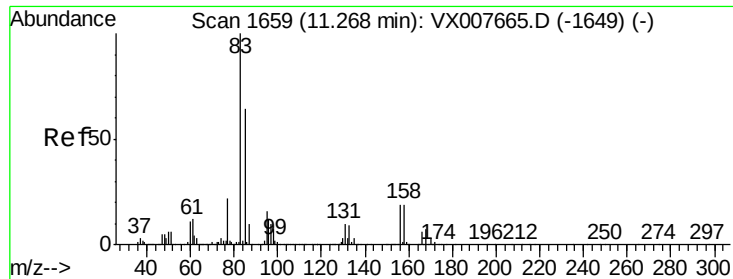
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.393 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

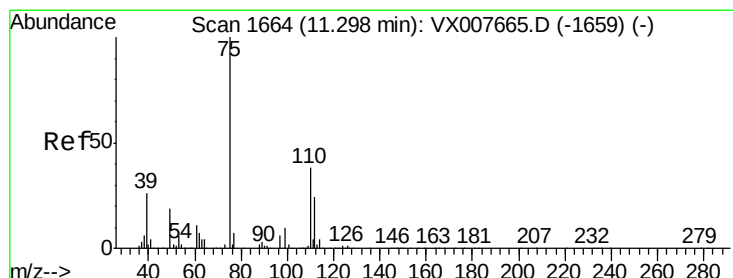
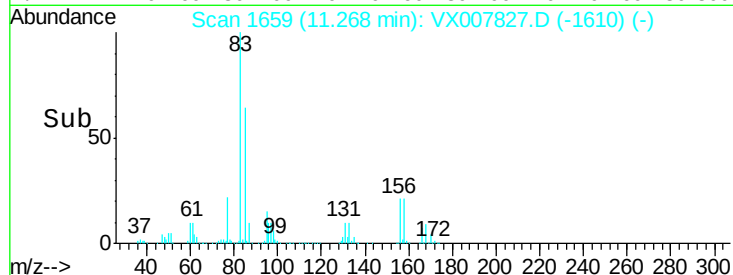
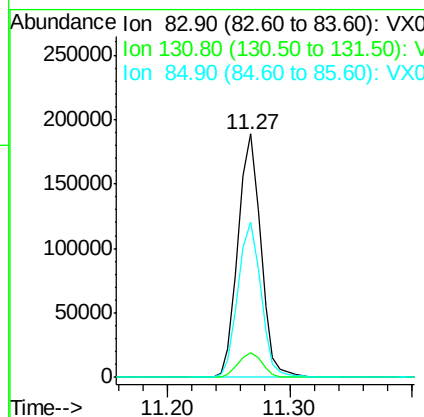
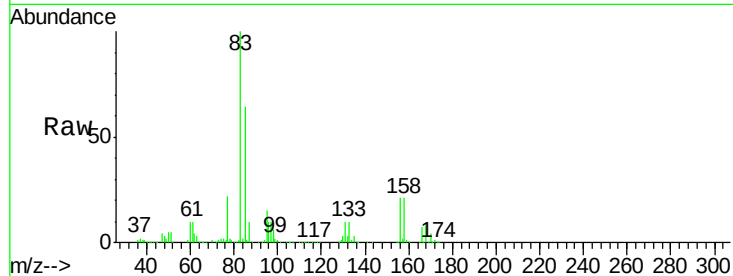
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243723
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	64.6	32.8	98.3

Manual Integrations
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3/6/2019 9:49:26 AM



#76

1,2,3-Trichloropropane

Concen: 42.617 ug/l m

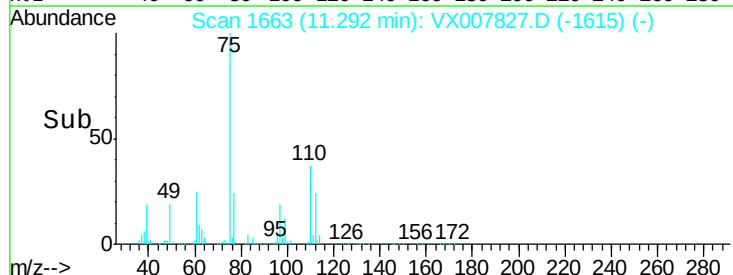
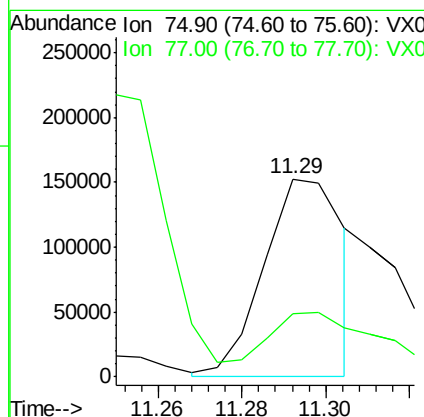
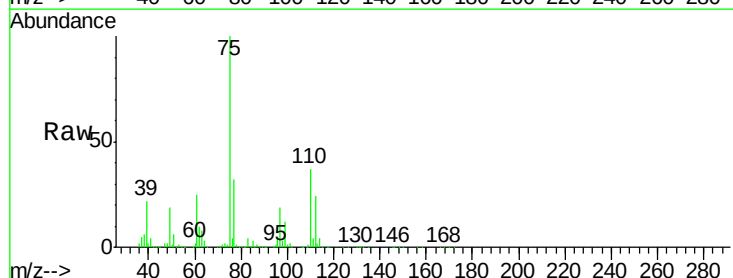
RT: 11.29 min Scan# 1663

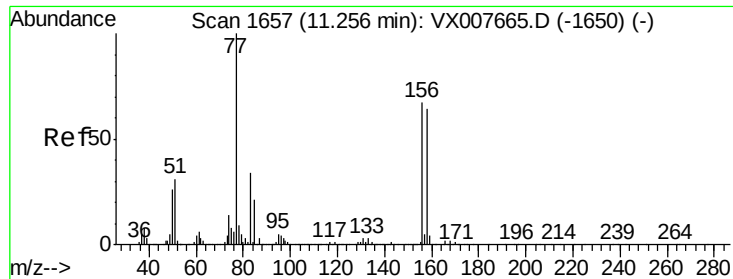
Delta R.T. -0.01 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	75	Resp:	201755
Ion Ratio	Lower	Upper	
75	100		
77	46.9	23.0	69.0





#77

Bromobenzene

Concen: 51.127 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

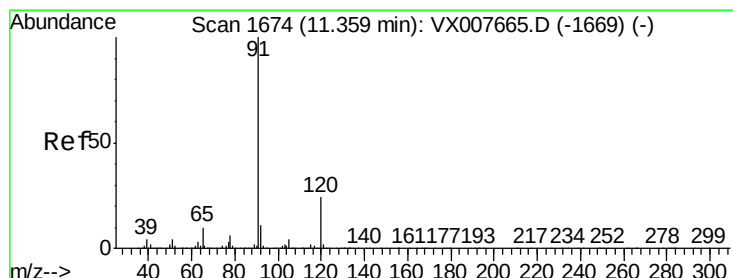
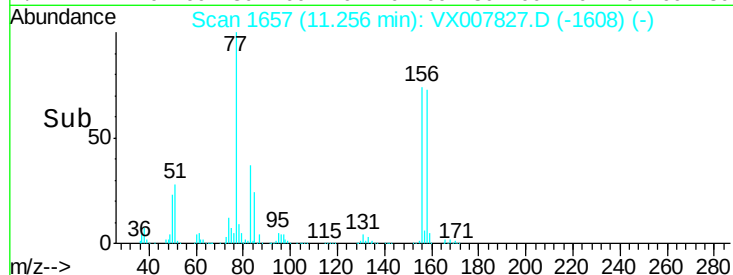
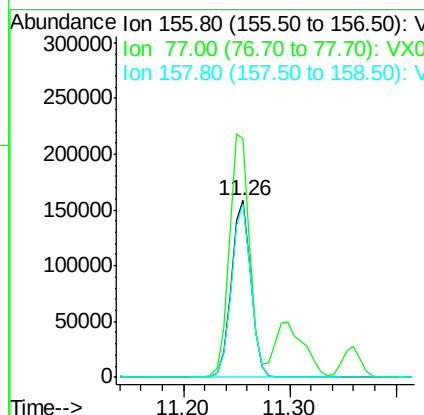
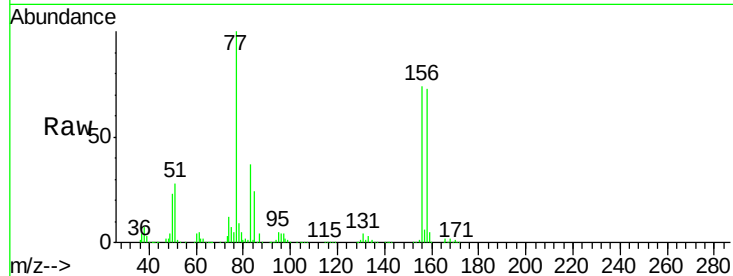
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	203557
Ion Ratio	Lower	Upper	
156	100		
77	142.2	66.8	200.6
158	97.5	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.246 ug/l

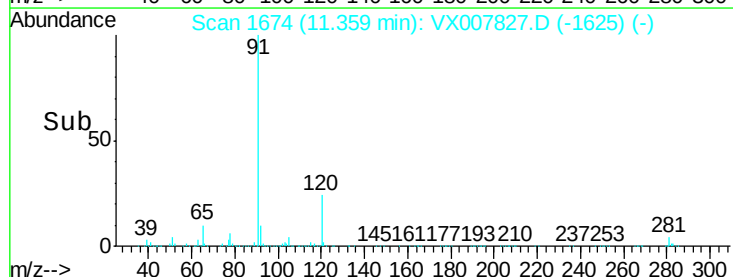
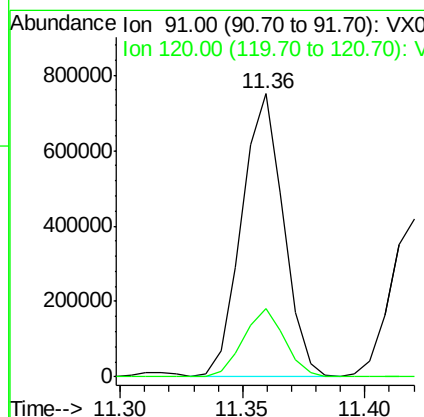
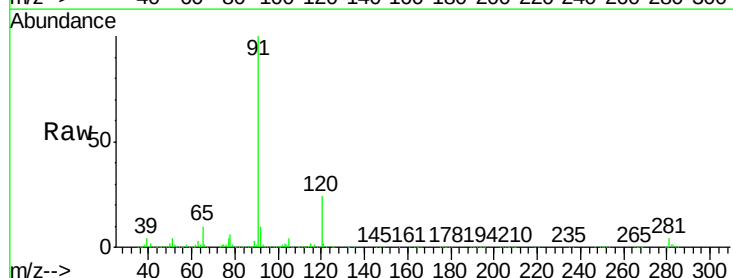
RT: 11.36 min Scan# 1674

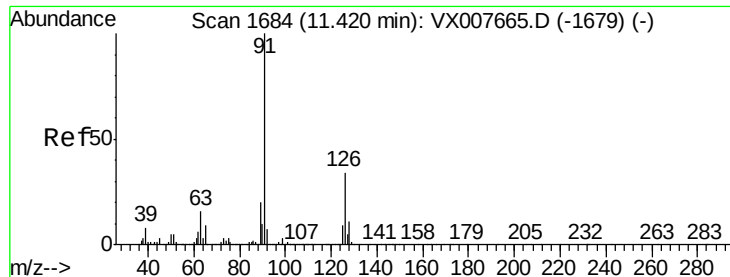
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	91	Resp:	883342
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.551 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 513571

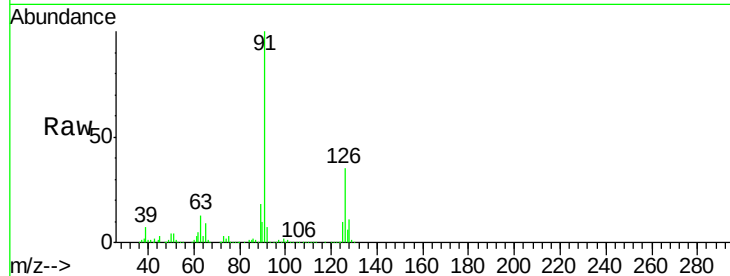
Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1

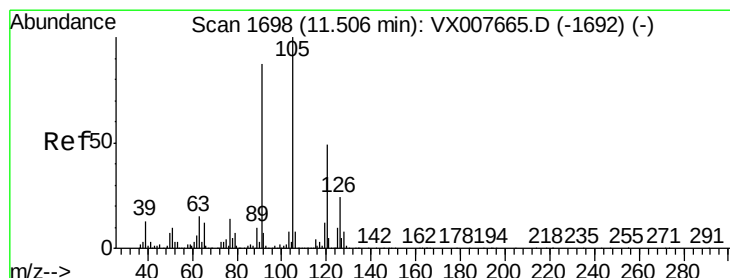
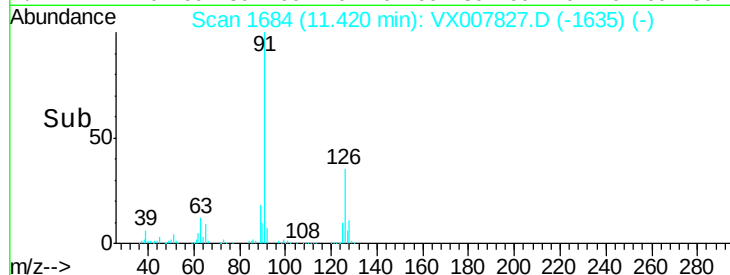
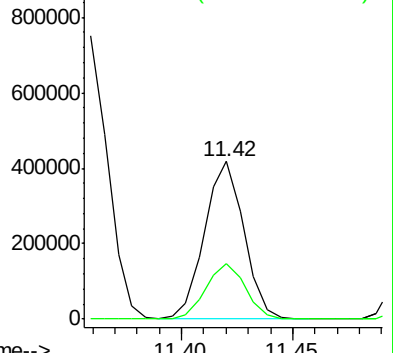
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.227 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007827.D

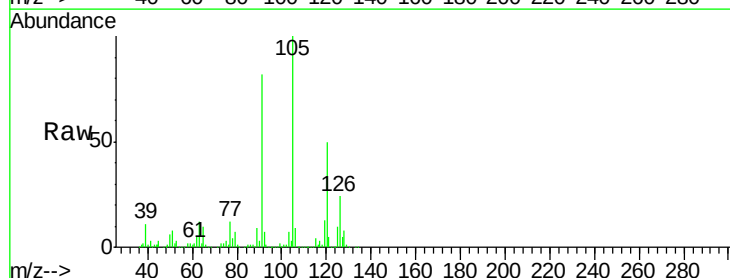
Acq: 05 Mar 2019 10:22

Tgt Ion: 105 Resp: 642758

Ion Ratio Lower Upper

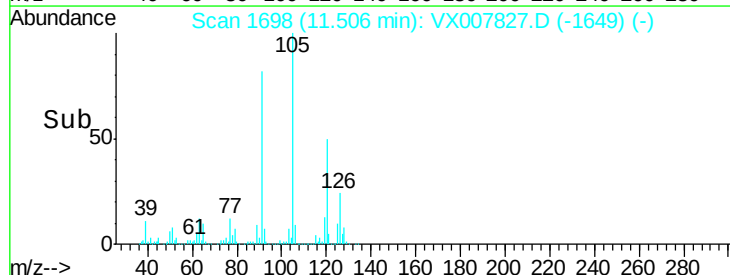
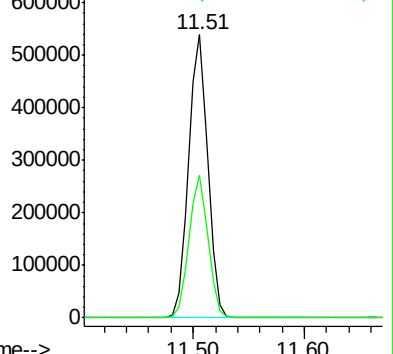
105 100

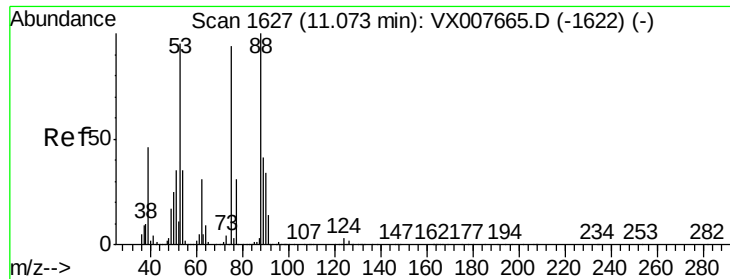
120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





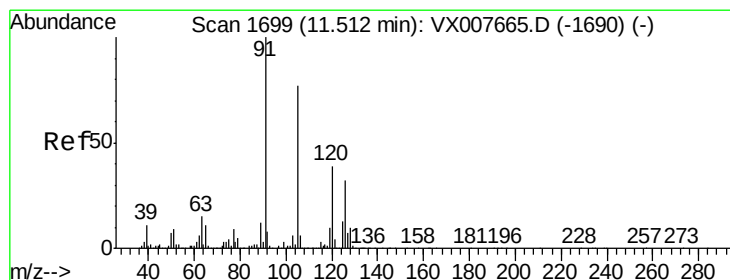
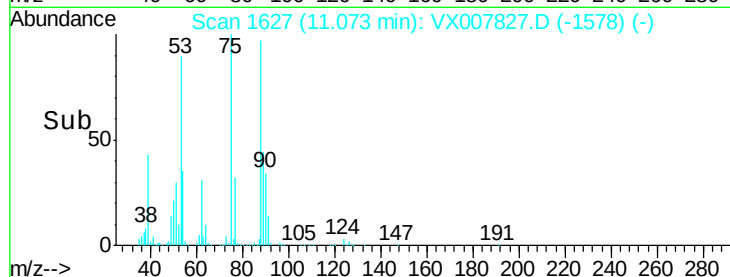
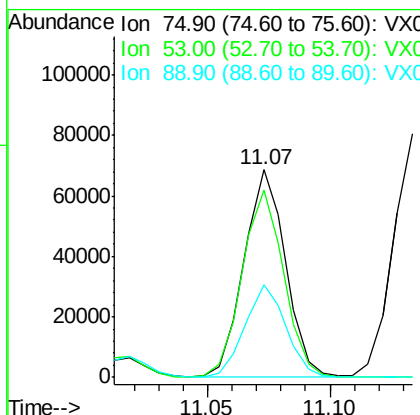
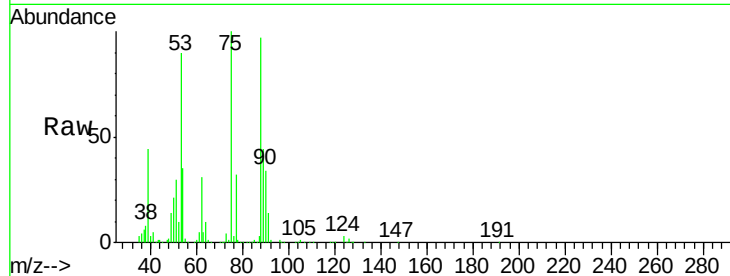
#81
trans-1,4-Dichloro-2-butene
Concen: 46.004 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	81.0	121.6
89	44.2	41.4	62.0

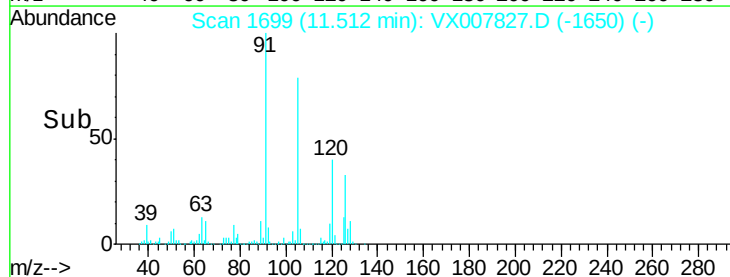
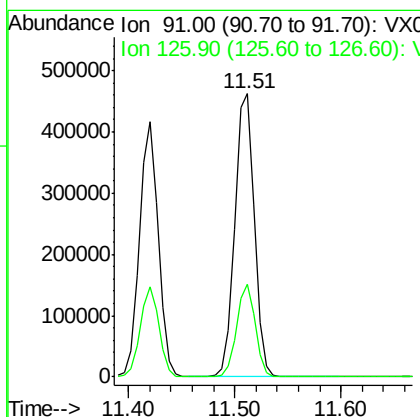
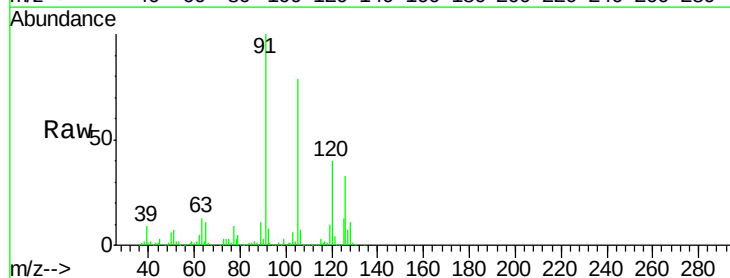
Manual Integrations
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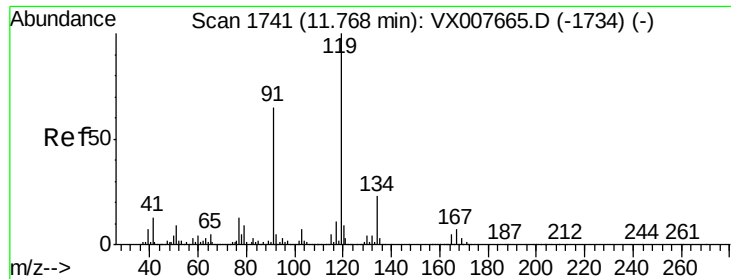
MMDadoda
3/6/2019 9:49:26 AM



#82
4-Chlorotoluene
Concen: 47.282 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.5





#83

tert-Butylbenzene

Concen: 51.587 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

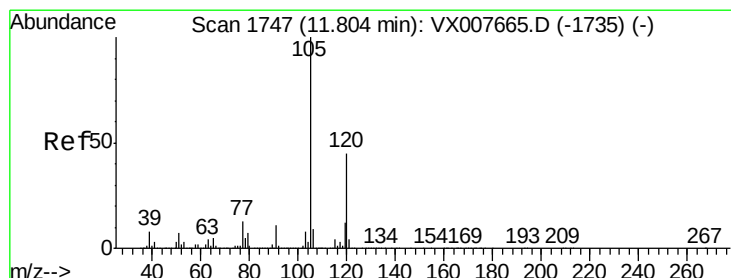
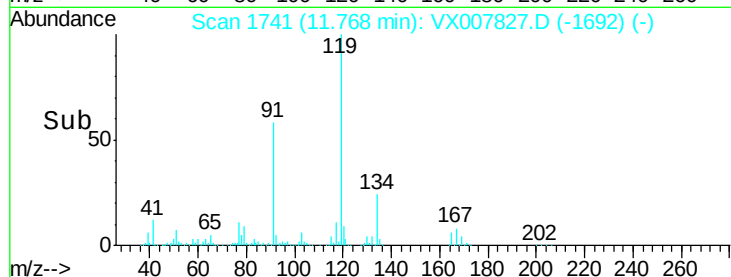
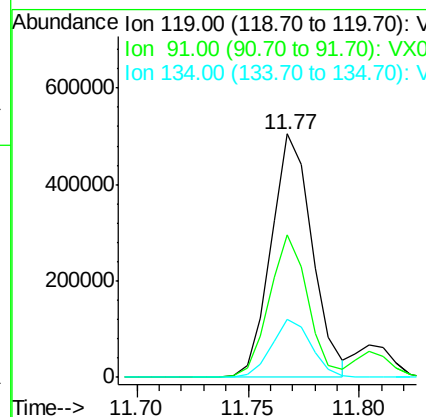
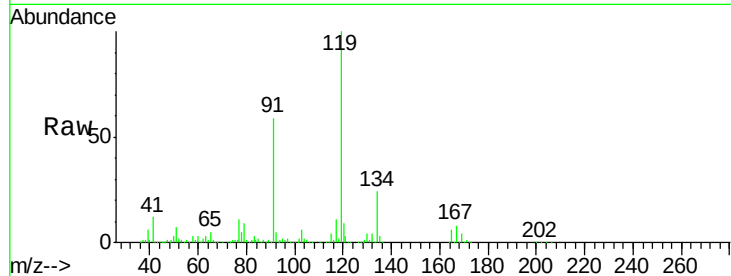
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	646719
Ion Ratio	Lower	Upper	
119	100		
91	55.1	28.5	85.6
134	23.0	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.383 ug/l

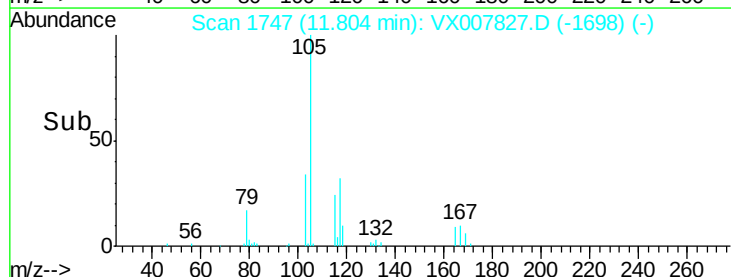
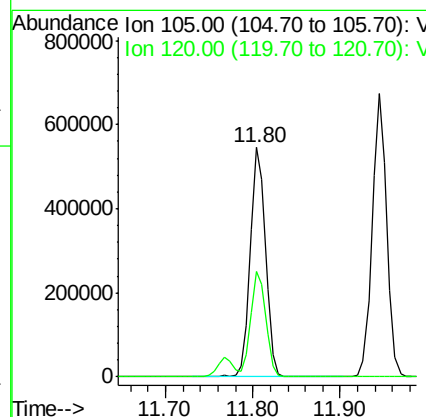
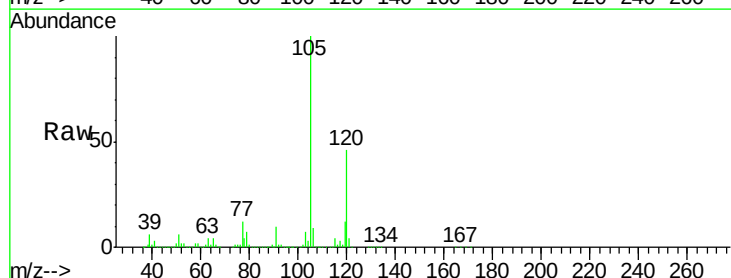
RT: 11.80 min Scan# 1747

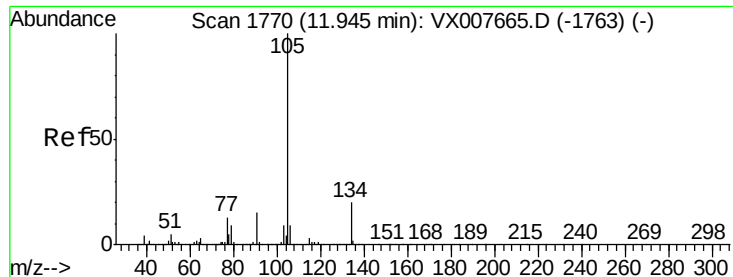
Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	105	Resp:	659550
Ion Ratio	Lower	Upper	
105	100		
120	45.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.107 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 787162

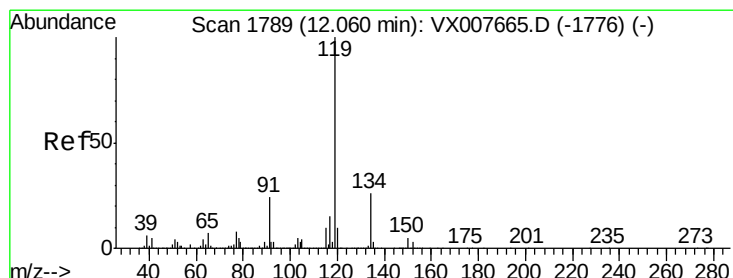
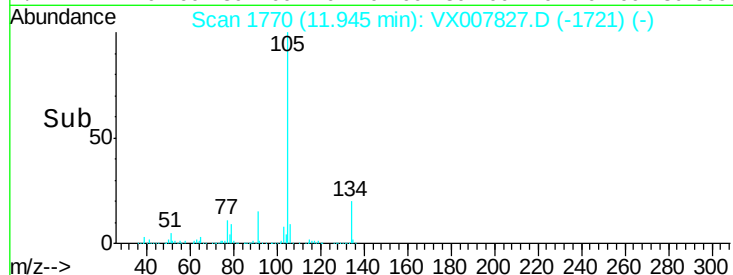
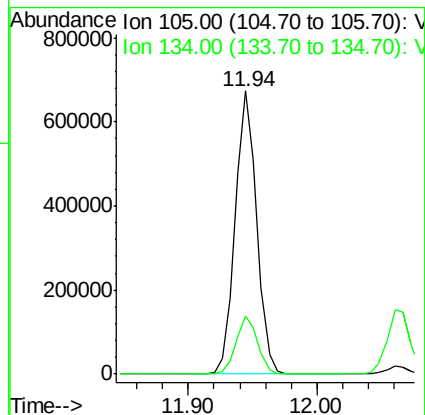
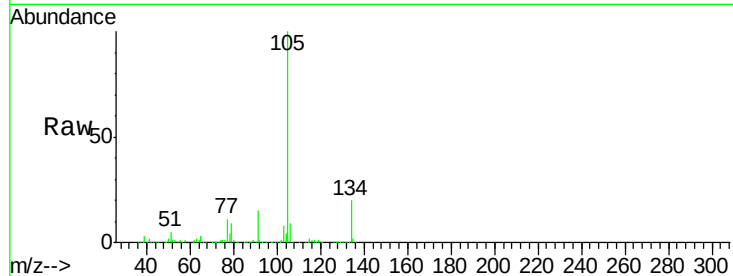
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 51.616 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

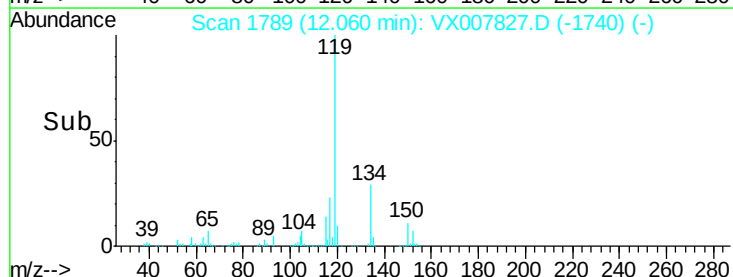
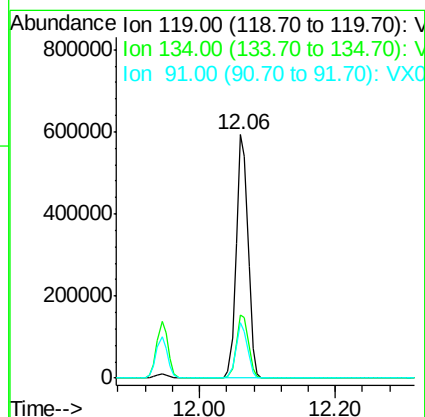
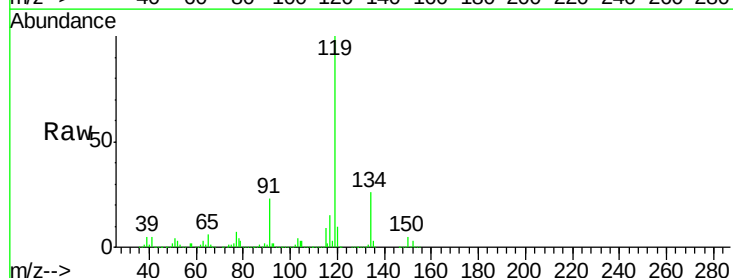
Tgt Ion:119 Resp: 710120

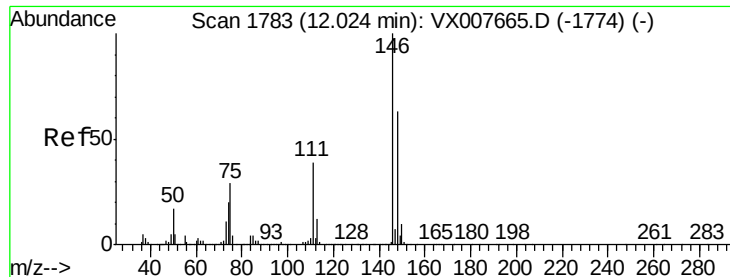
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.0 11.2 33.5





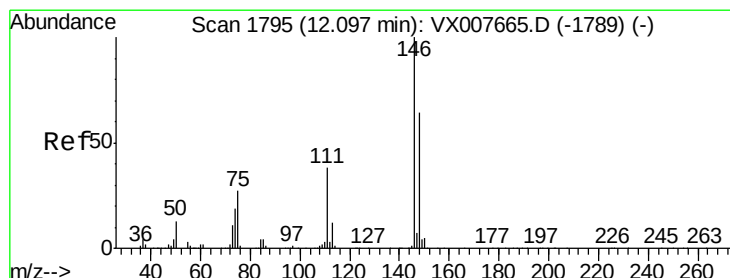
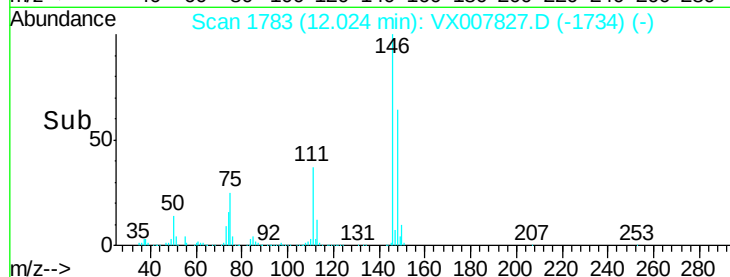
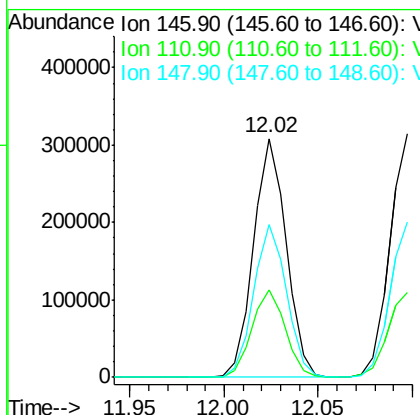
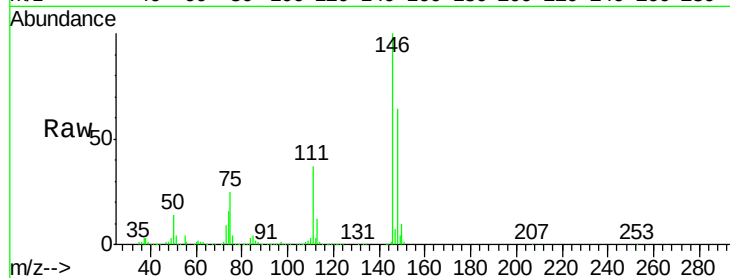
#87
 1,3-Dichlorobenzene
 Concen: 50.263 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.2	32.0	96.2

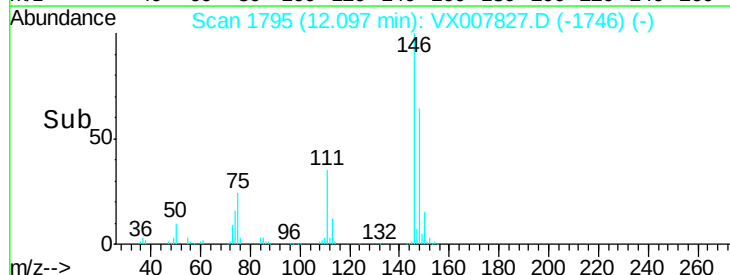
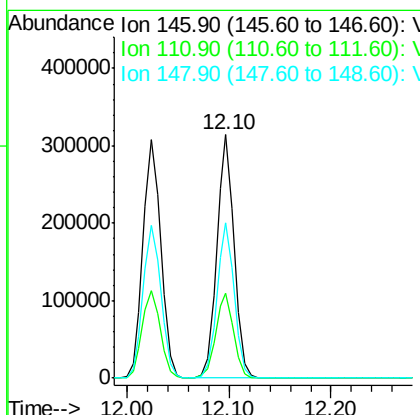
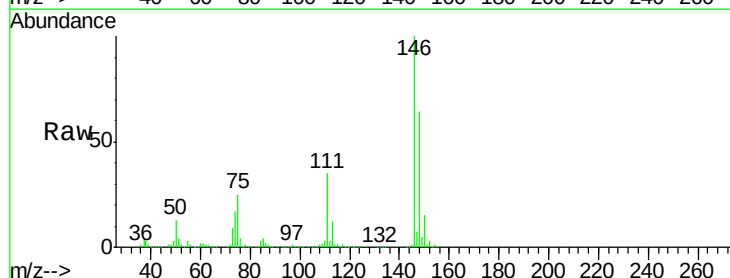
Manual Integrations
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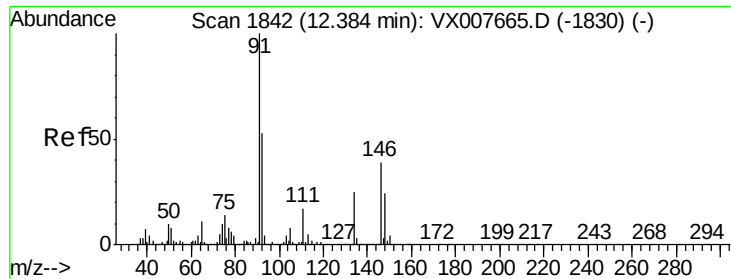
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#88
 1,4-Dichlorobenzene
 Concen: 49.574 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.1	32.3	96.9





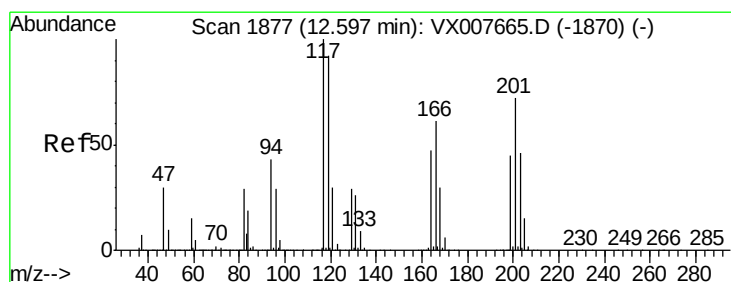
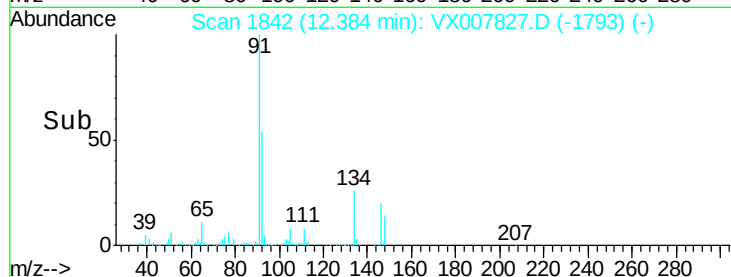
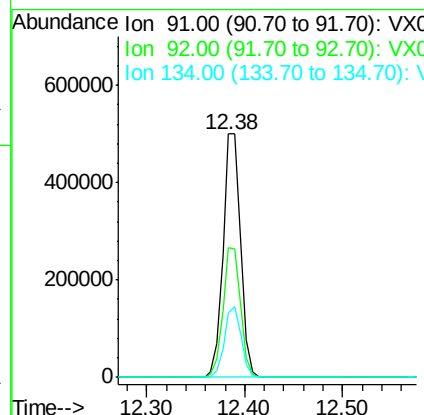
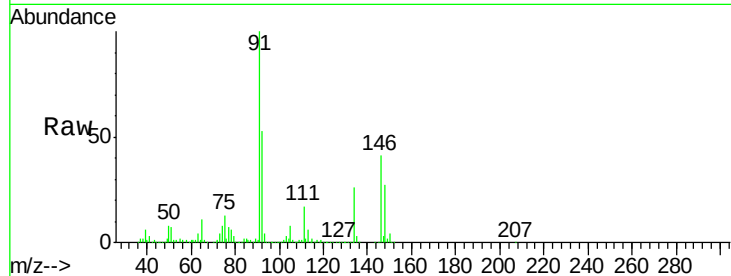
#89
n-Butylbenzene
Concen: 50.431 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.3	78.9
134	27.7	13.9	41.6

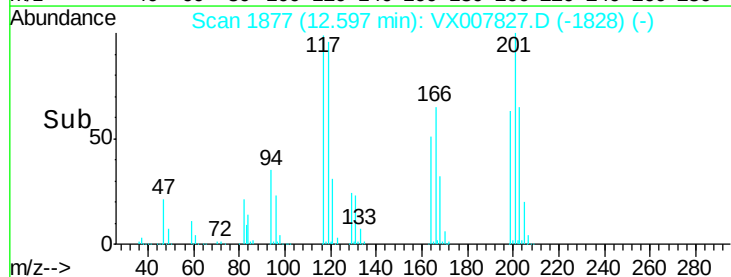
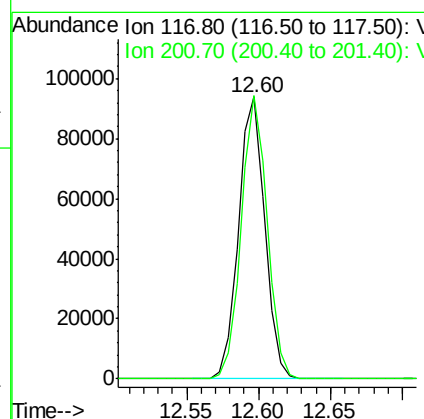
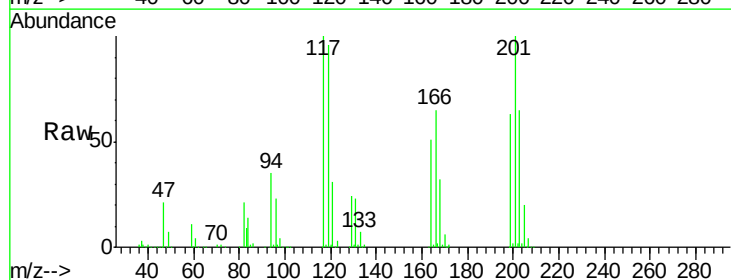
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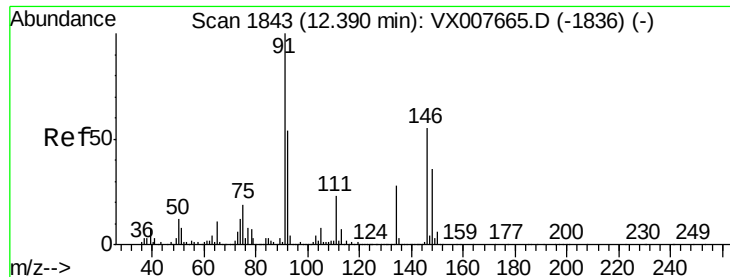
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#90
Hexachloroethane
Concen: 51.427 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007827.D
Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.7	44.9	134.7





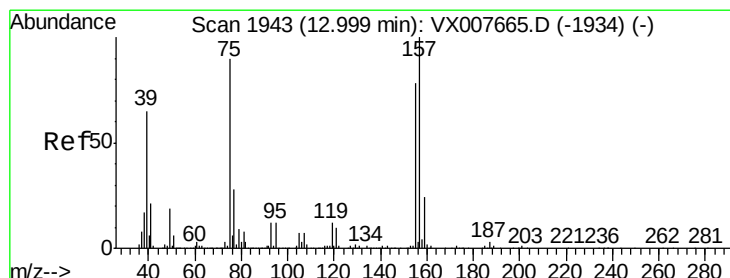
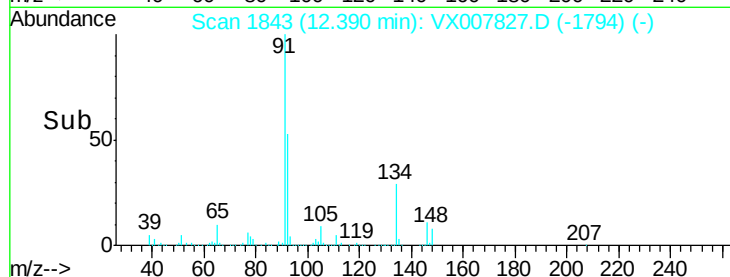
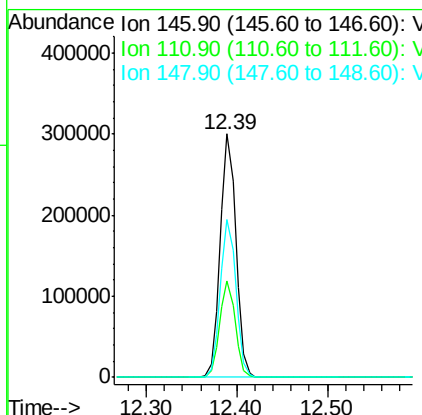
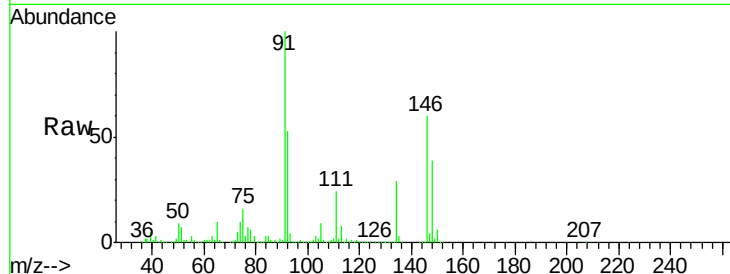
#91
 1,2-Dichlorobenzene
 Concen: 49.364 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	364766		
111	39.1	19.1	57.3	
148	64.6	32.1	96.3	

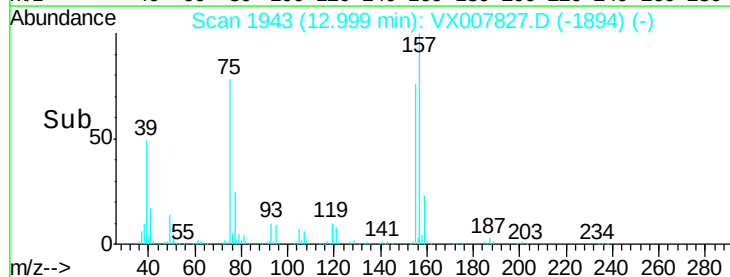
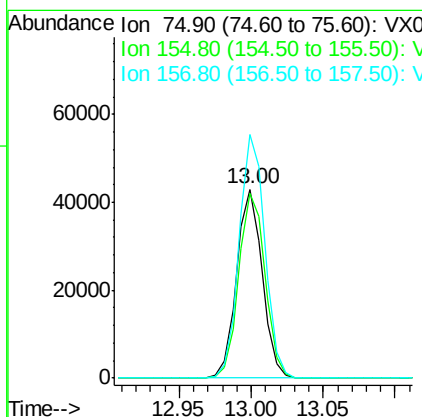
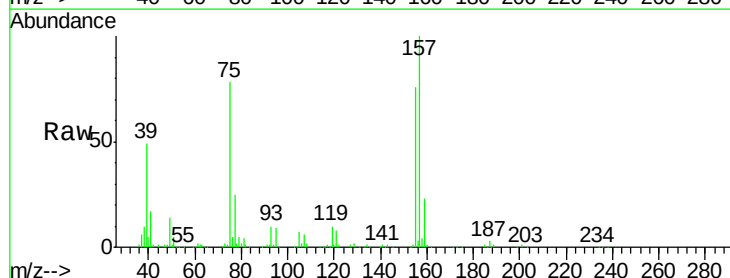
Manual Integrations
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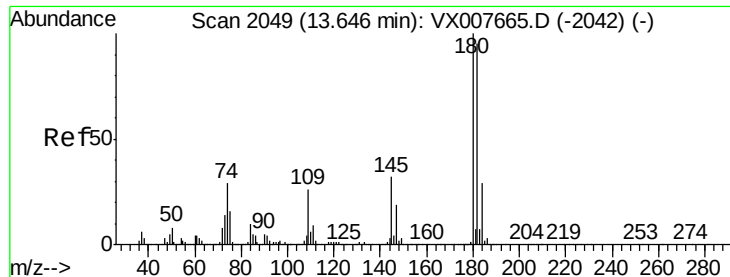
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 3/6/2019 9:49:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.393 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53105		
155	100.3	49.6	149.0	
157	129.5	65.1	195.3	





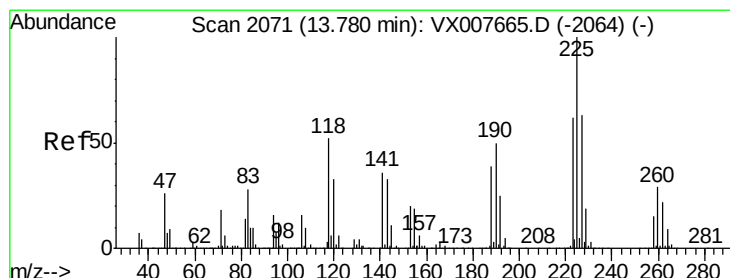
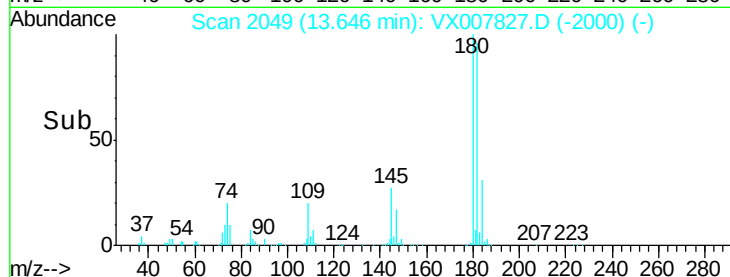
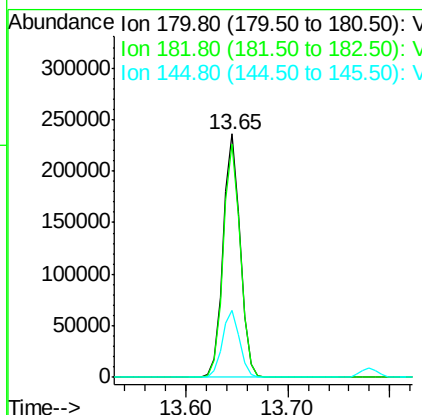
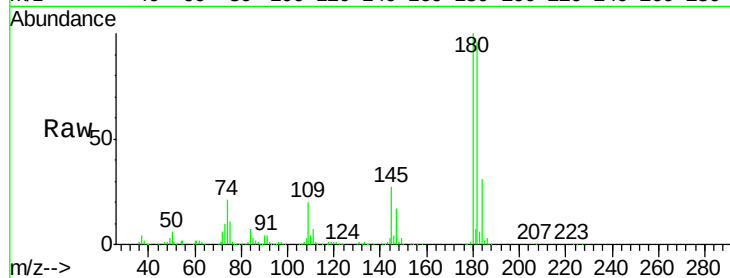
#93
 1,2,4-Trichlorobenzene
 Concen: 60.889 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	27.8	14.1	42.2

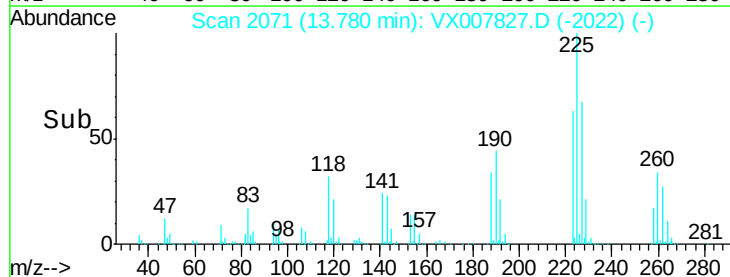
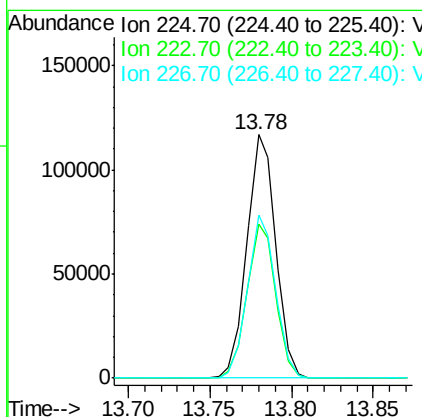
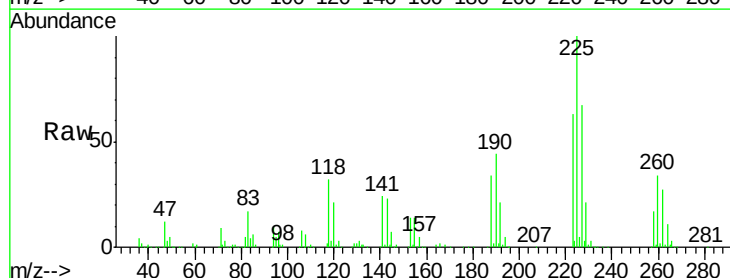
Manual Integrations
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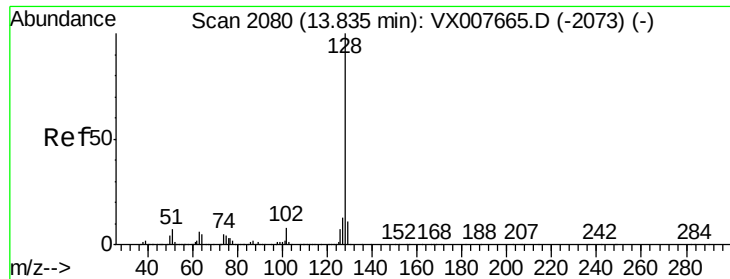
MMDadoda
 3/6/2019 9:49:26 AM



#94
 Hexachlorobutadiene
 Concen: 69.943 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007827.D
 Acq: 05 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	65.3	32.1	96.3





#95

Naphthalene

Concen: 52.917 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Instrument :

MSVOA_X

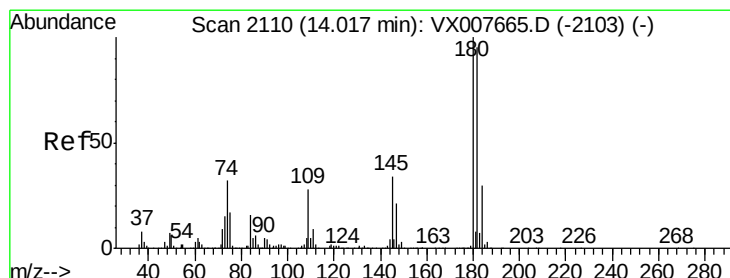
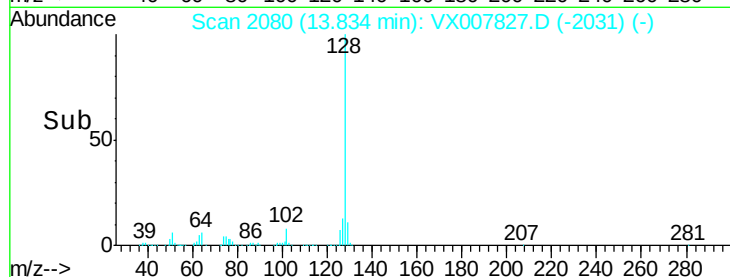
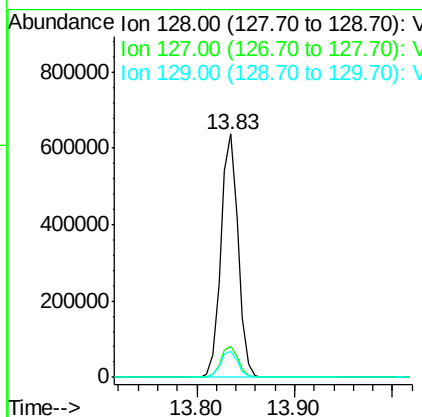
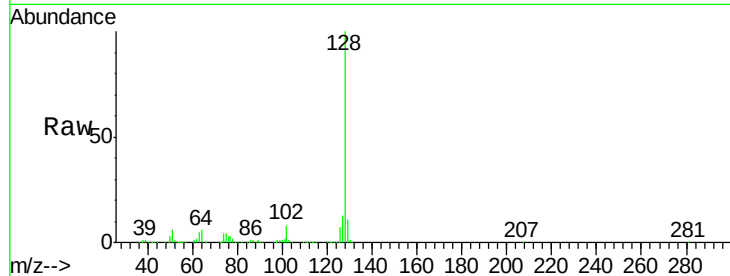
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	773301
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 59.684 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007827.D

Acq: 05 Mar 2019 10:22

Tgt Ion:	180	Resp:	270308
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.6
145	29.9	14.9	44.5

