

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010682.D
 Acq On : 04 Jul 2019 10:58
 Operator : JC/SP
 Sample : K3669-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:58 AM

Quant Time: Jul 05 04:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112382	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	5.50	113	106072	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	385275	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	143947	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96511	63.840	ug/l	100
3) Chloromethane	1.32	50	102060	57.976	ug/l	99
4) Vinyl Chloride	1.41	62	112442	58.316	ug/l	98
5) Bromomethane	1.64	94	54488	58.006	ug/l	100
6) Chloroethane	1.71	64	68401	60.129	ug/l	99
7) Trichlorofluoromethane	1.93	101	184485	60.357	ug/l	100
8) Diethyl Ether	2.19	74	65681	59.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101309	54.694	ug/l	98
10) Methyl Iodide	2.51	142	133165	50.375	ug/l	97
11) Tert butyl alcohol	3.05	59	125296	234.861	ug/l	98
12) 1,1-Dichloroethene	2.37	96	106564	56.538	ug/l	98
13) Acrolein	2.29	56	87684	247.762	ug/l	100
14) Allyl chloride	2.73	41	143997	53.813	ug/l	97
15) Acrylonitrile	3.14	53	307382	291.013	ug/l	100
16) Acetone	2.45	43	257043	251.562	ug/l	97
17) Carbon Disulfide	2.57	76	273857	54.158	ug/l	100
18) Methyl Acetate	2.78	43	102021	50.097	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	343196	57.880	ug/l	99
20) Methylene Chloride	2.85	84	119874	57.007	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	112444	55.470	ug/l	95
22) Diisopropyl ether	3.85	45	325045	58.099	ug/l	96
23) Vinyl Acetate	3.81	43	1213216	251.018	ug/l	97
24) 1,1-Dichloroethane	3.70	63	186590	57.698	ug/l	99
25) 2-Butanone	4.67	43	414052	276.249	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71228	25.354	ug/l	82
27) cis-1,2-Dichloroethene	4.60	96	231214	98.703	ug/l	95
28) Bromochloromethane	5.01	49	77277	49.979	ug/l	95
29) Tetrahydrofuran	5.13	42	268525	289.237	ug/l	99
30) Chloroform	5.21	83	200731	57.689	ug/l	100
31) Cyclohexane	5.58	56	167199	56.775	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	173929	56.610	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143508	53.351	ug/l	98
37) Ethyl Acetate	4.83	43	136298	49.255	ug/l	98
38) Carbon Tetrachloride	5.79	117	154490	53.039	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182246	51.544	ug/l	99
40) Benzene	6.14	78	460527	54.954	ug/l	99
41) Methacrylonitrile	5.04	41	83423	54.944	ug/l	98
42) 1,2-Dichloroethane	6.19	62	153797	60.290	ug/l	97
43) Isopropyl Acetate	6.45	43	234877	51.302	ug/l	97
44) Trichloroethene	7.21	130	132507	52.843	ug/l	95
45) 1,2-Dichloropropane	7.51	63	113148	53.467	ug/l	99
46) Dibromomethane	7.66	93	83322	54.877	ug/l	96
47) Bromodichloromethane	7.90	83	149539	53.742	ug/l	100
48) Methyl methacrylate	7.77	41	121851	57.259	ug/l	98
49) 1,4-Dioxane	7.74	88	55723	908.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	840130	286.918	ug/l	98
52) Toluene	8.78	92	295986	53.634	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147581	47.307	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163283	48.164	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	124160	54.552	ug/l	98
56) Ethyl methacrylate	9.18	69	190211	55.168	ug/l	96
57) 1,3-Dichloropropane	9.37	76	194992	55.191	ug/l	99
59) 2-Hexanone	9.49	43	641232	278.248	ug/l	99
60) Dibromochloromethane	9.58	129	133387	52.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133760	54.447	ug/l	100
64) Tetrachloroethene	9.34	164	119473	47.335	ug/l	99
65) Chlorobenzene	10.14	112	849301	134.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	123036	53.317	ug/l	99
67) Ethyl Benzene	10.25	91	572987	53.573	ug/l	98
68) m/p-Xylenes	10.36	106	440883	106.386	ug/l	98
69) o-Xylene	10.69	106	216965	53.237	ug/l	98
70) Stvrene	10.71	104	369093	54.003	ug/l	99
71) Bromoform	10.85	173	100835	50.247	ug/l #	99
73) Isopropylbenzene	11.02	105	582725	53.734	ug/l	99
74) N-amyl acetate	10.90	43	196664	47.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194586	54.181	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	156553m	53.702	ug/l	
77) Bromobenzene	11.26	156	154879	51.147	ug/l	96
78) n-propylbenzene	11.36	91	640220	53.716	ug/l	99
79) 2-Chlorotoluene	11.42	91	380007	53.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	476786	53.332	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	45847	36.689	ug/l	90
82) 4-Chlorotoluene	11.51	91	435591	53.937	ug/l	99
83) tert-Butylbenzene	11.77	119	514567	57.346	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	484805	53.976	ug/l	99
85) sec-Butylbenzene	11.94	105	597508	56.714	ug/l	98
86) p-Isopropyltoluene	12.06	119	506882	52.015	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275097	52.045	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	278103	51.681	ug/l	99
89) n-Butylbenzene	12.38	91	429827	51.906	ug/l	99
90) Hexachloroethane	12.60	117	85941	51.002	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	272167	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40652	52.500	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	184357	50.604	ug/l	97

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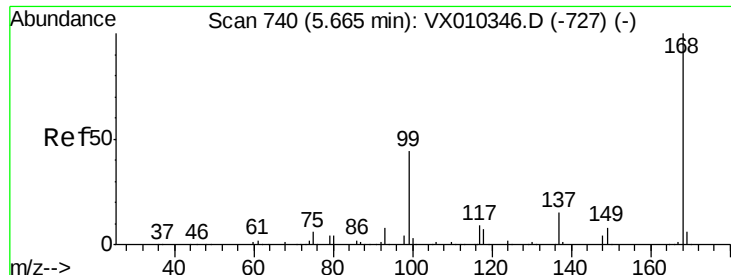
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	87556	49.174	ug/l	100
95) Naphthalene	13.83	128	587931	52.515	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184341	50.892	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:168 Resp: 217450

Ion Ratio Lower Upper

168 100

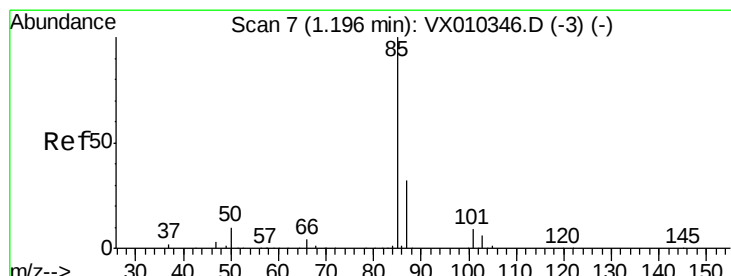
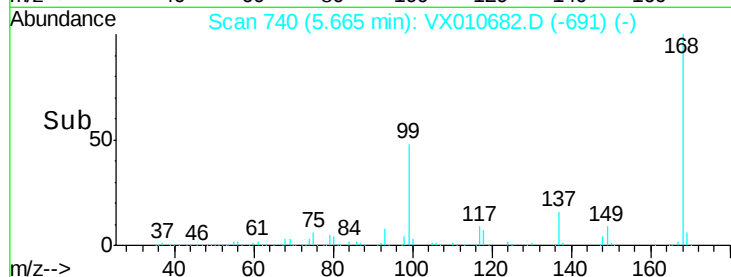
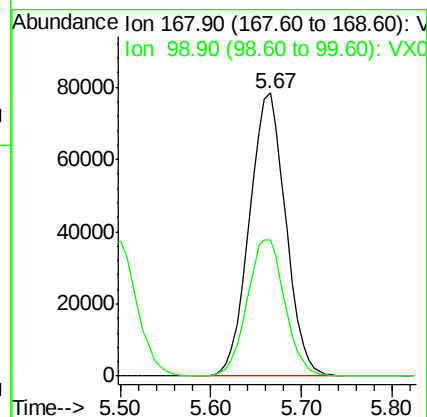
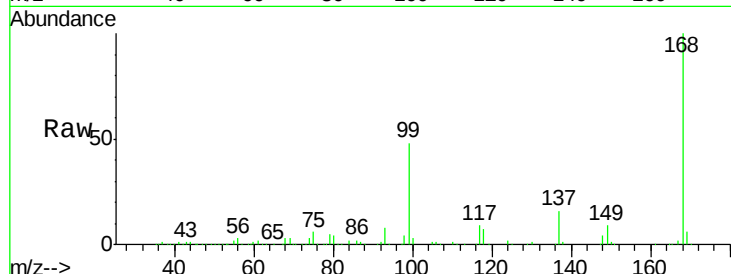
99 47.9 35.5 53.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 63.840 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010682.D

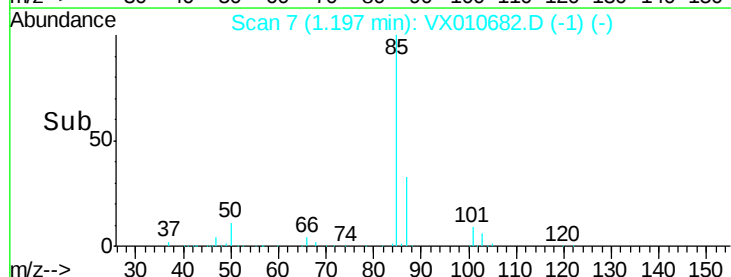
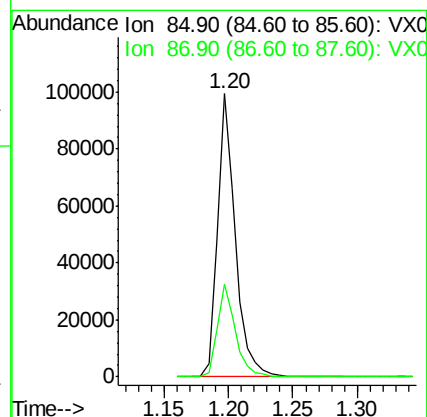
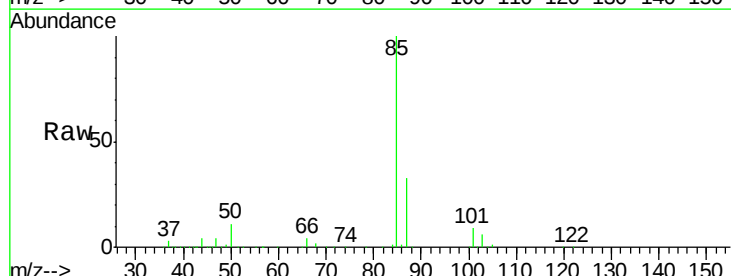
Acq: 04 Jul 2019 10:58

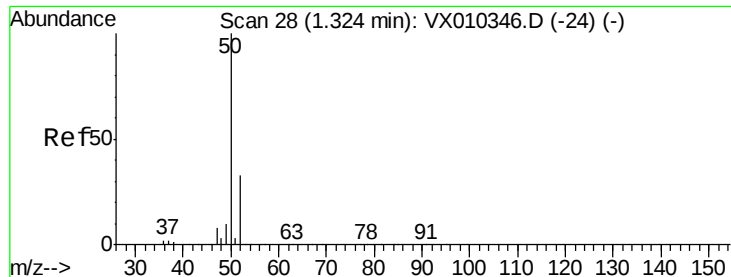
Tgt Ion: 85 Resp: 96511

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8





#3

Chloromethane

Concen: 57.976 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 50 Resp: 102060

Ion Ratio Lower Upper

50 100

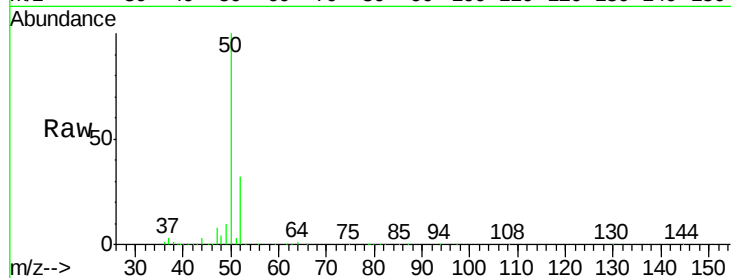
52 32.3 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

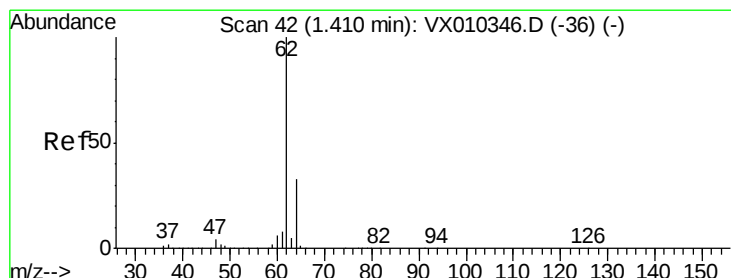
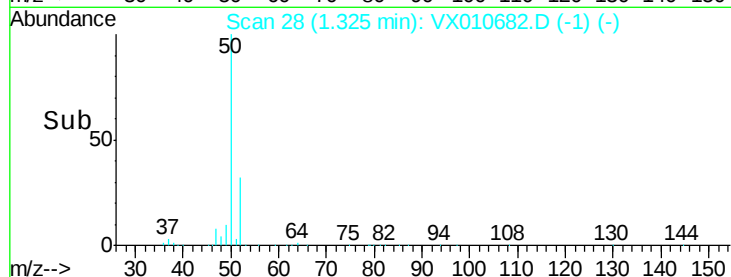
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 58.316 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010682.D

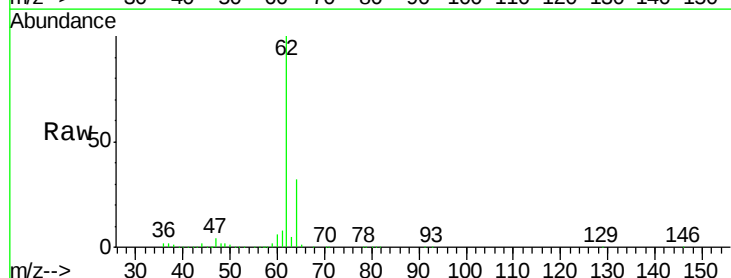
Acq: 04 Jul 2019 10:58

Tgt Ion: 62 Resp: 112442

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

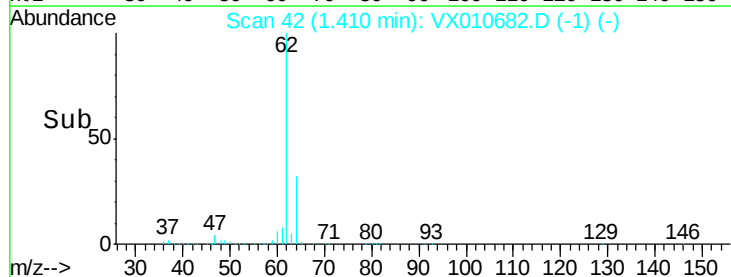
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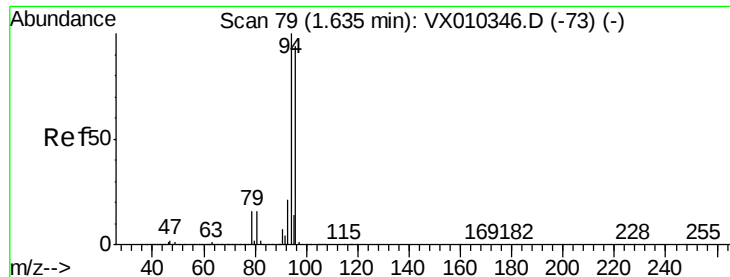
40000

20000

0

Time-->





#5

Bromomethane

Concen: 58.006 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 94 Resp: 54488

Ion Ratio Lower Upper

94 100

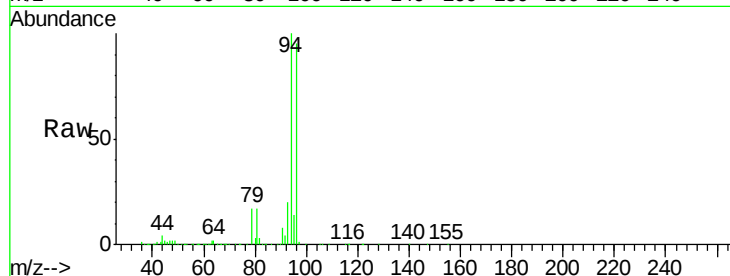
96 94.6 75.5 113.3

Manual Integrations

APPROVED

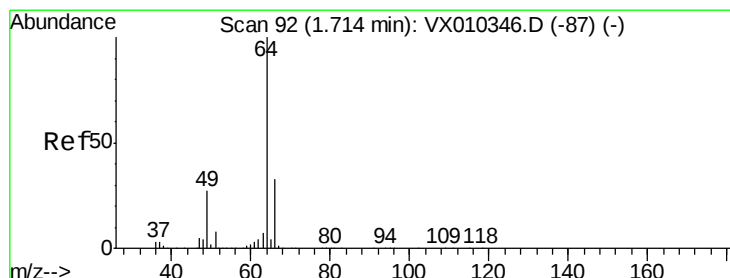
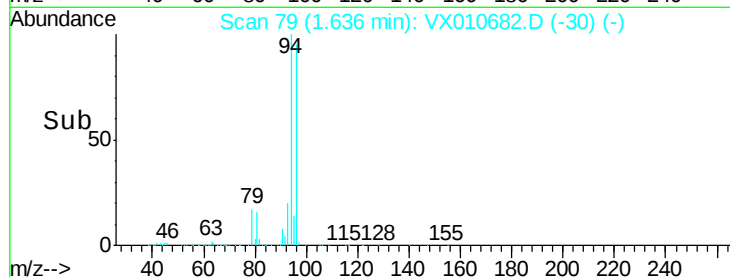
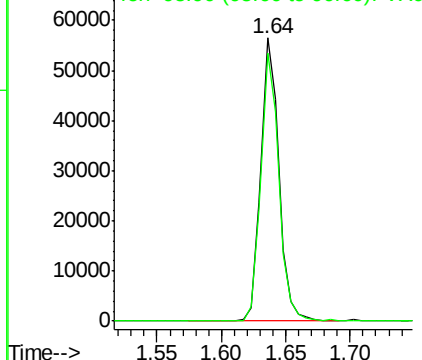
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.129 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010682.D

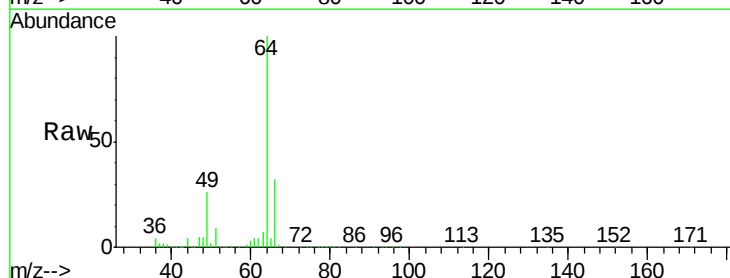
Acq: 04 Jul 2019 10:58

Tgt Ion: 64 Resp: 68401

Ion Ratio Lower Upper

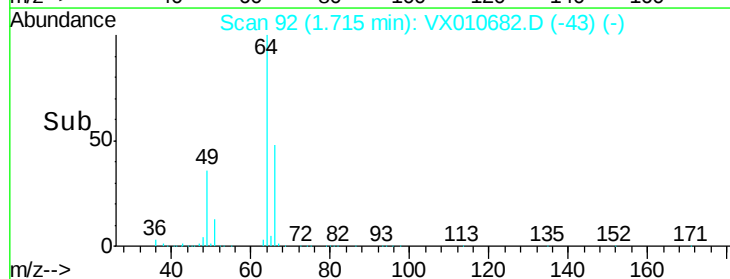
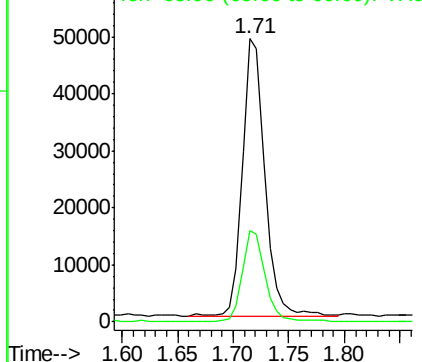
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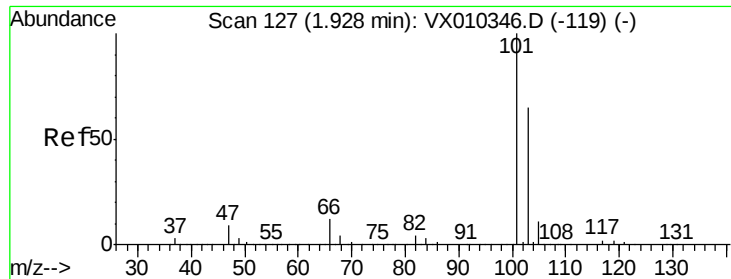
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

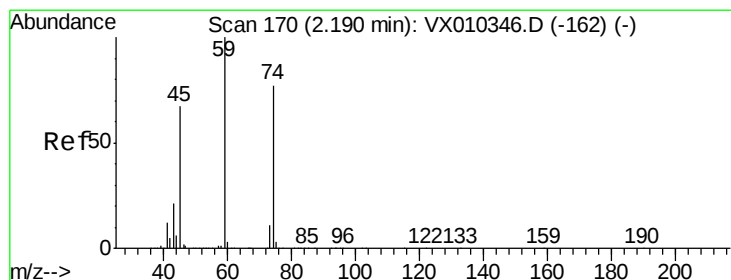
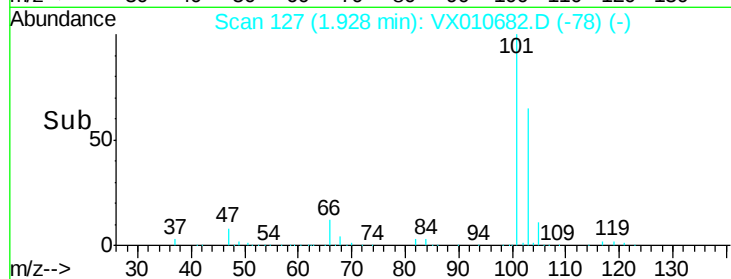
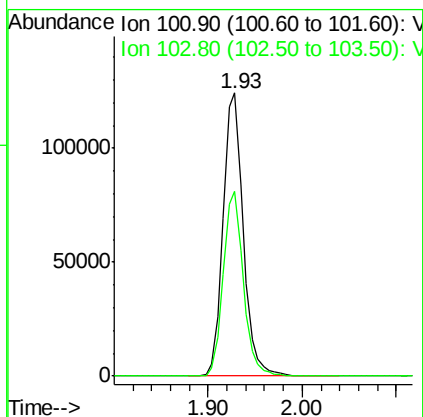
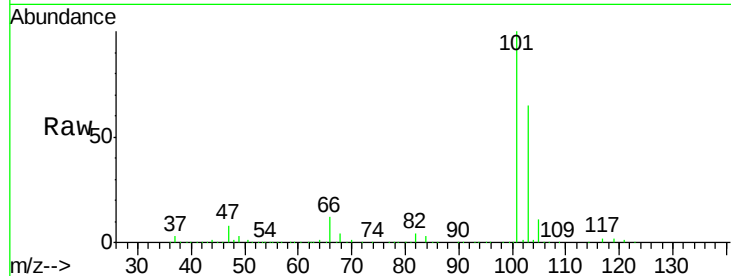
Trichlorofluoromethane
Concen: 60.357 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

Manual Integrations
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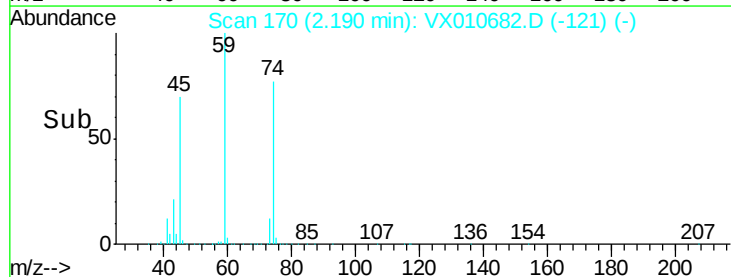
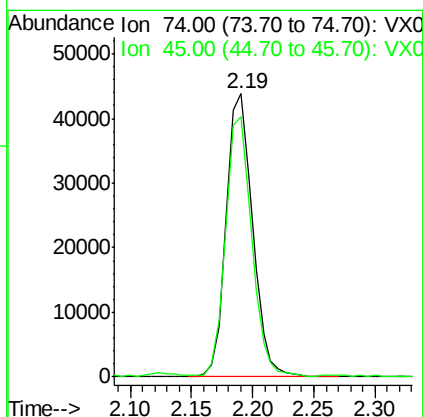
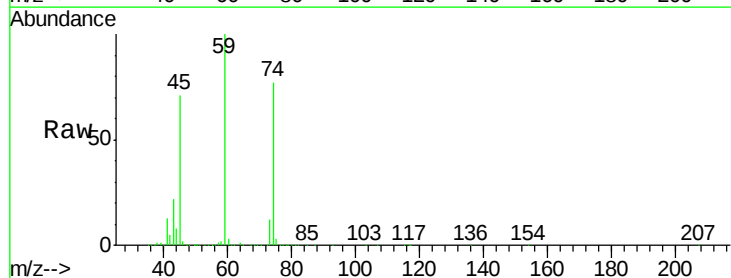
MMDadoda
7/8/2019 10:58:58 AM

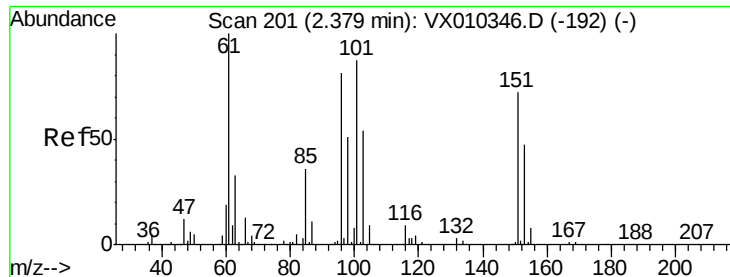


#8

Diethyl Ether
Concen: 59.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.694 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

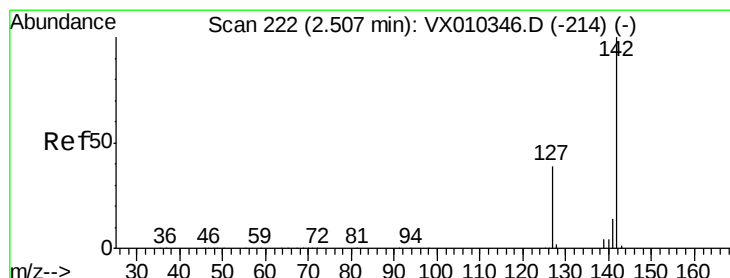
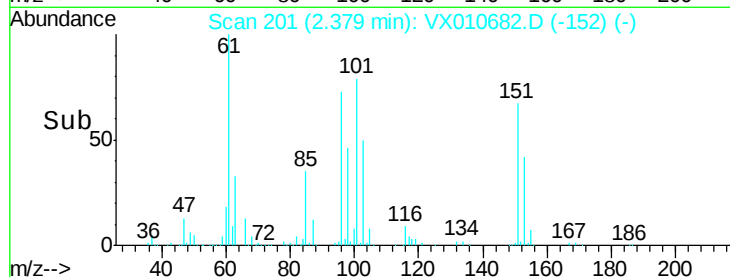
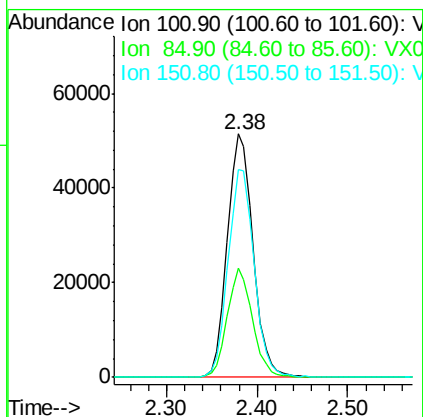
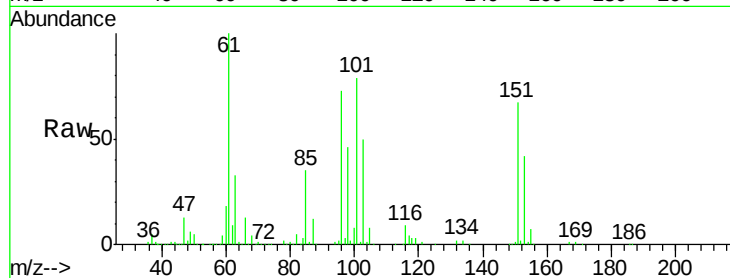
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	101	Resp:	101309
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.7	50.5
151	86.5	70.1	105.1

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#10

Methyl Iodide

Concen: 50.375 ug/l

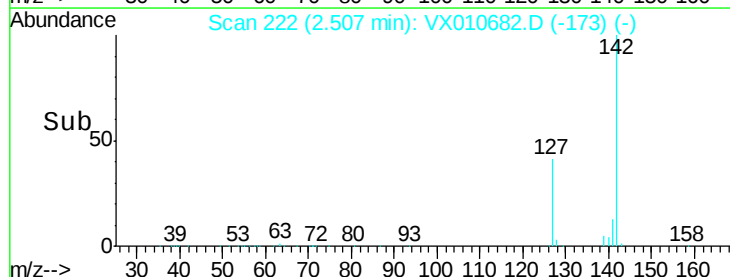
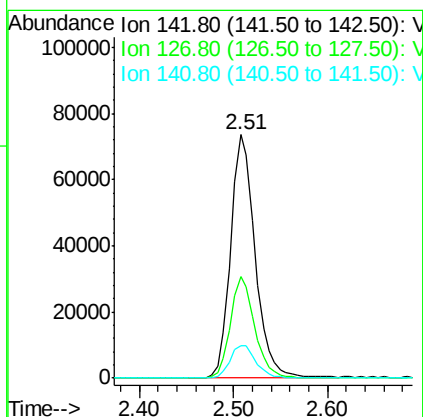
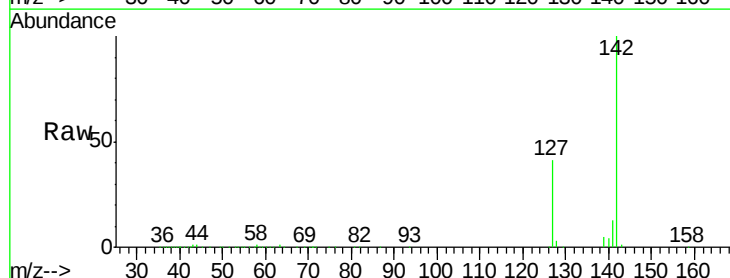
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	142	Resp:	133165
Ion Ratio	Lower	Upper	
142	100		
127	41.3	31.1	46.7
141	14.2	11.2	16.8





#11

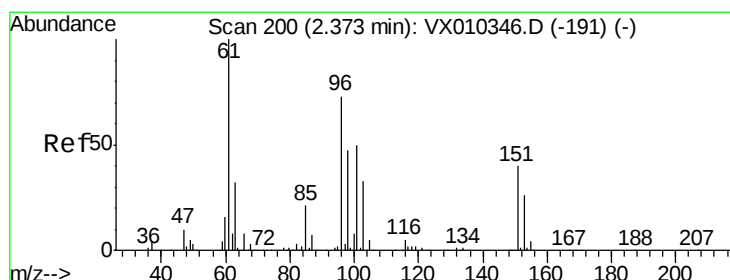
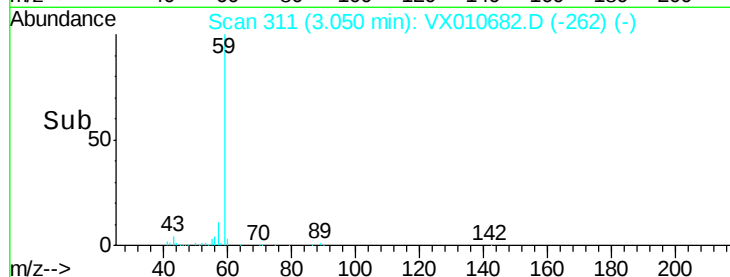
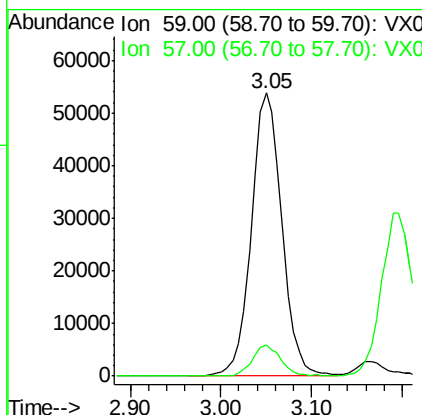
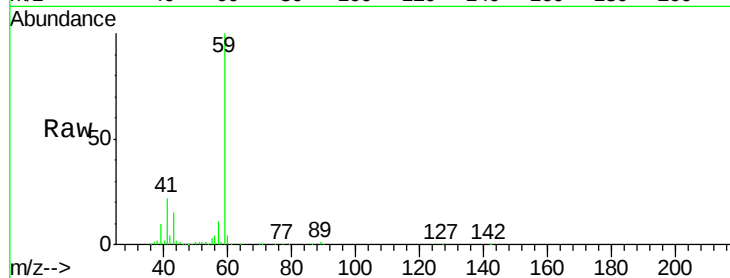
Tert butyl alcohol
Concen: 234.861 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 59 Resp: 125296
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5

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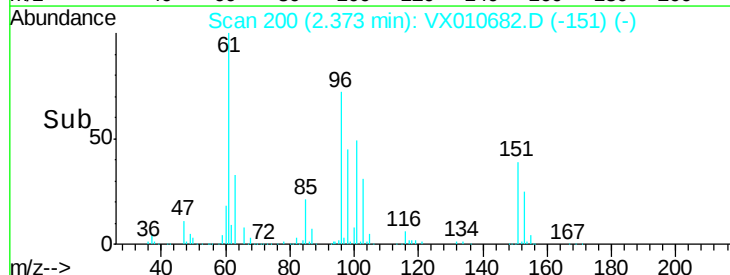
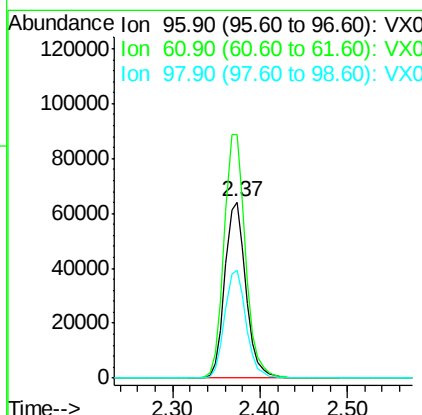
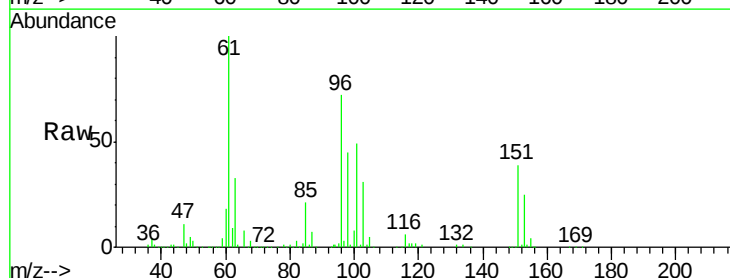
MMDadoda
7/8/2019 10:58:58 AM



#12

1,1-Dichloroethene
Concen: 56.538 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 96 Resp: 106564
Ion Ratio Lower Upper
96 100
61 137.9 109.2 163.8
98 61.4 51.1 76.7





#13

Acrolein

Concen: 247.762 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 56 Resp: 87684

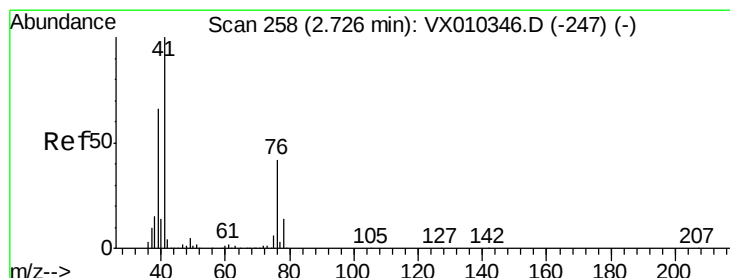
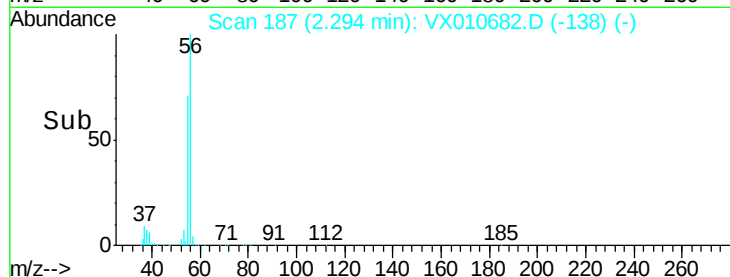
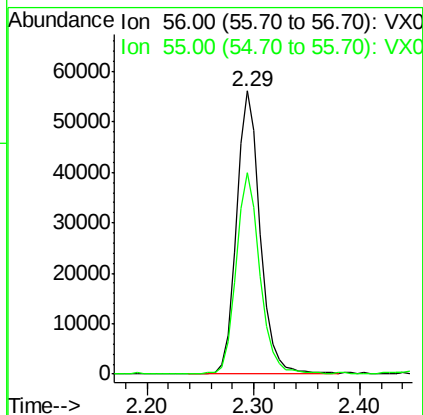
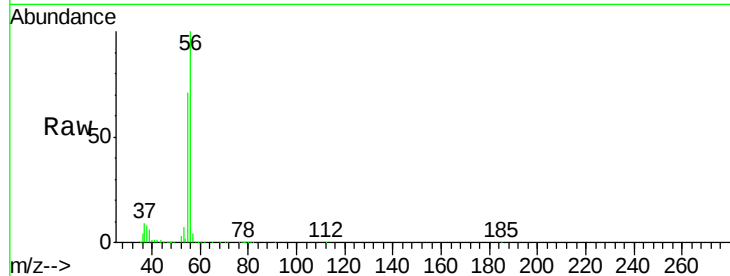
Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3

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#14

Allyl chloride

Concen: 53.813 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

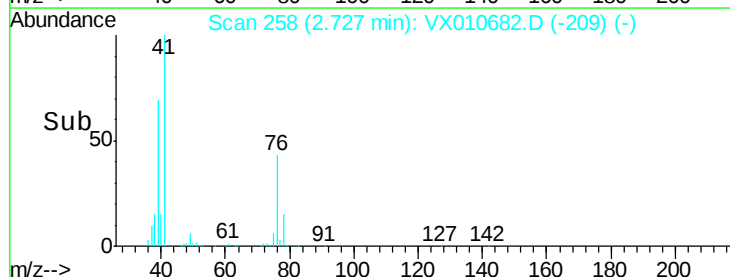
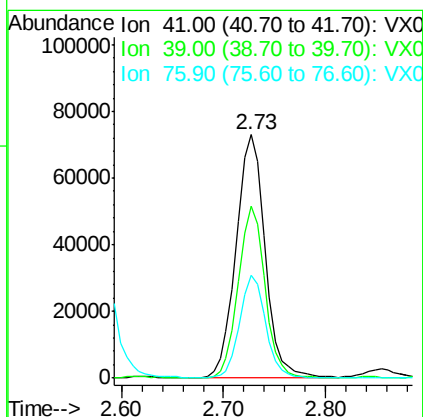
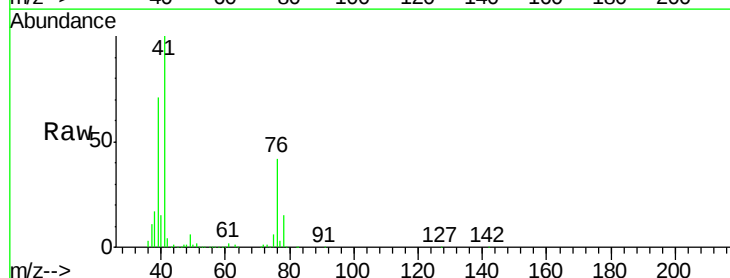
Tgt Ion: 41 Resp: 143997

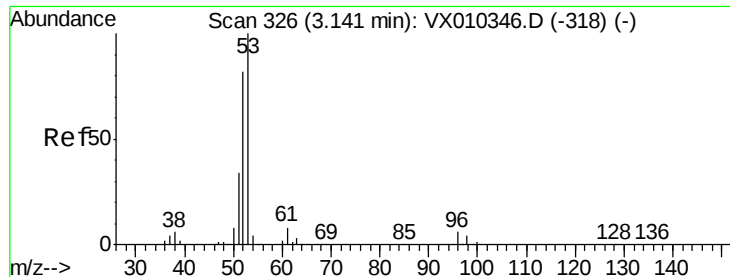
Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

76 37.4 31.3 46.9





#15

Acrylonitrile

Concen: 291.013 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

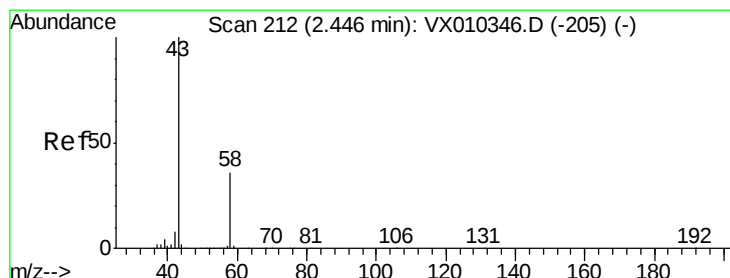
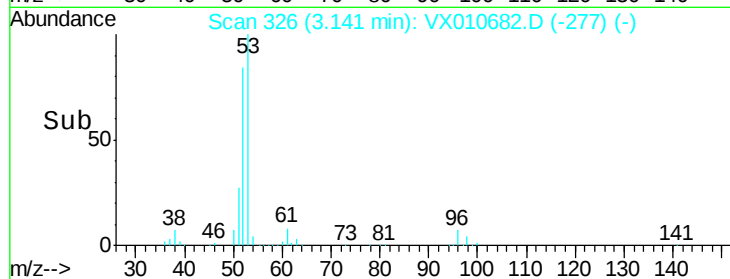
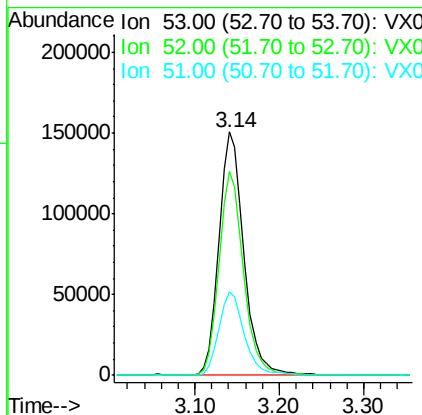
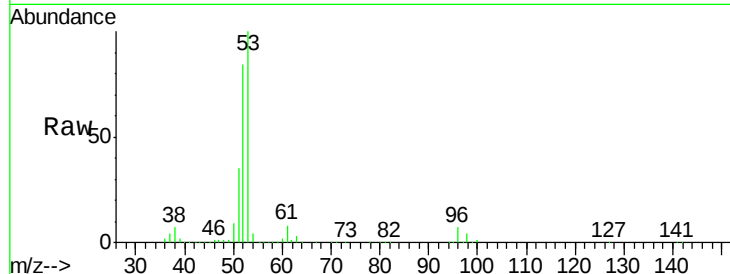
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	53	Resp:	307382
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.5	98.3
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 251.562 ug/l

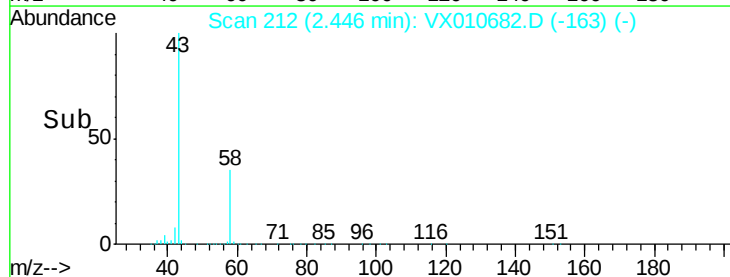
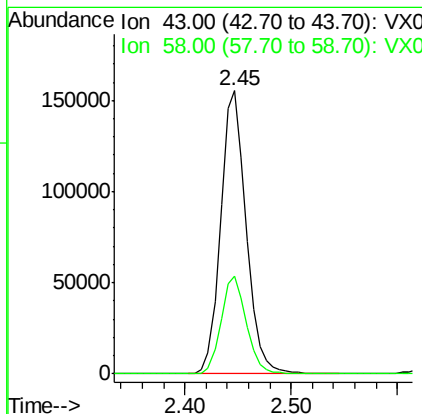
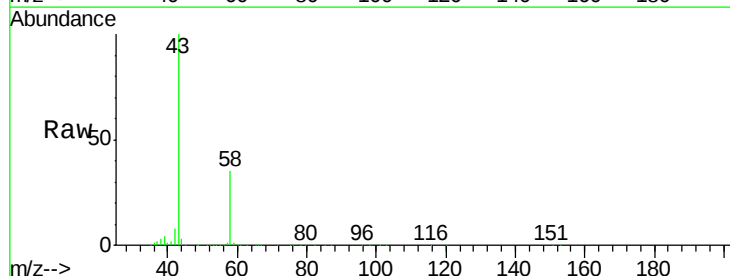
RT: 2.45 min Scan# 212

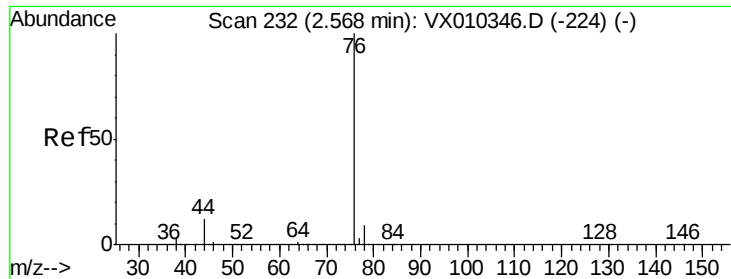
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	43	Resp:	257043
Ion Ratio	Lower	Upper	
43	100		
58	34.6	28.9	43.3





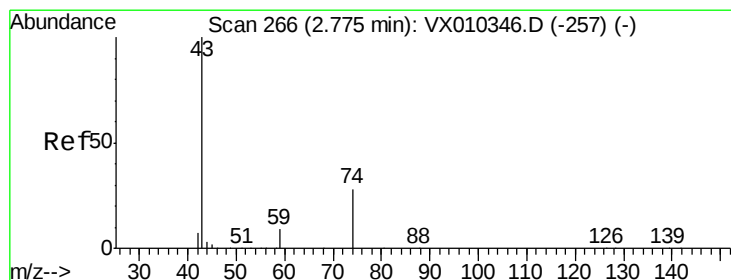
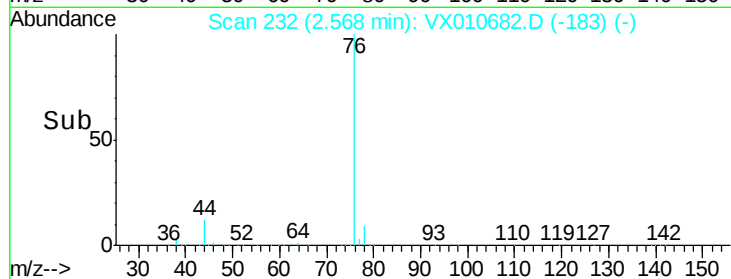
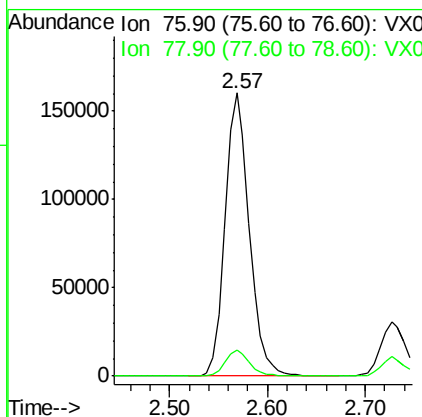
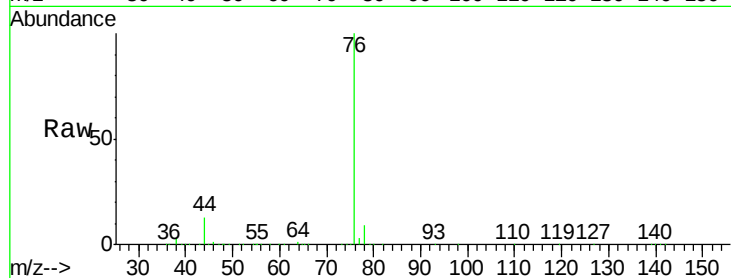
#17
Carbon Disulfide
Concen: 54.158 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

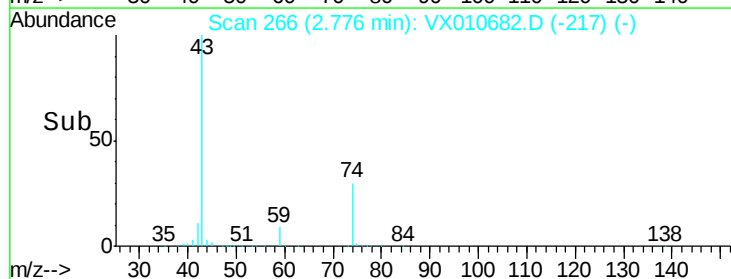
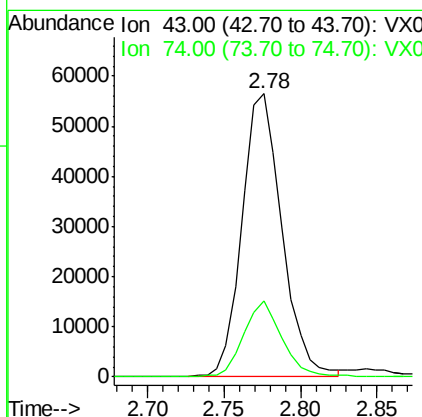
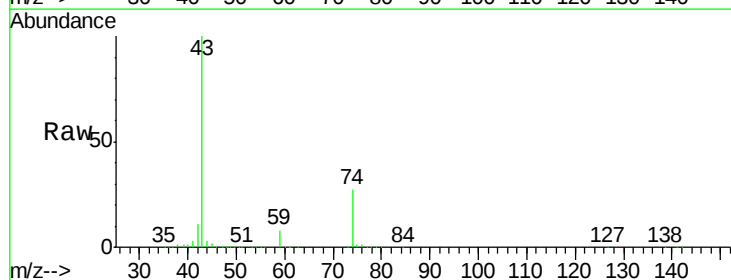
Manual Integrations
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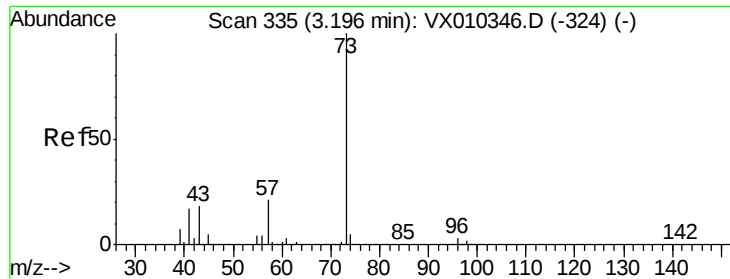
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#18
Methyl Acetate
Concen: 50.097 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.3	31.9





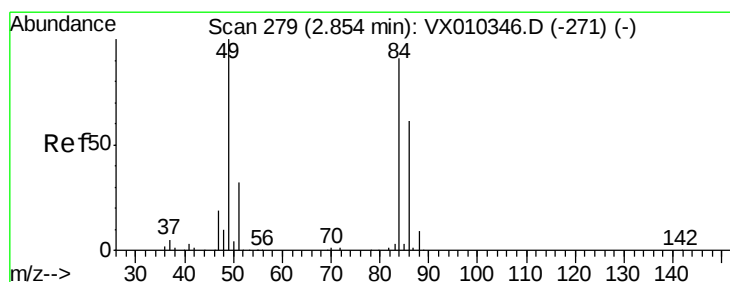
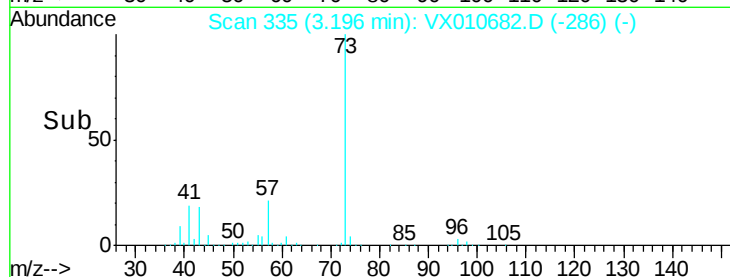
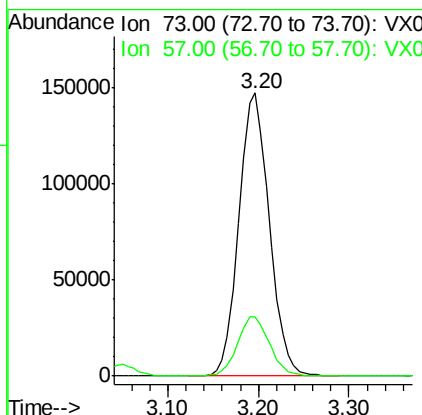
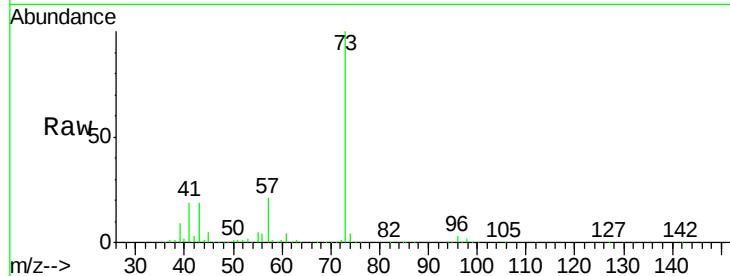
#19
Methyl tert-butyl Ether
Concen: 57.880 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 73 Resp: 343196
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6

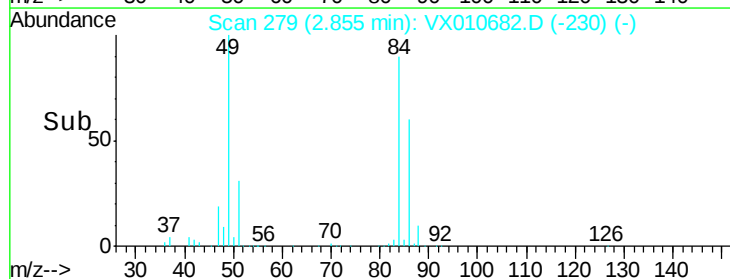
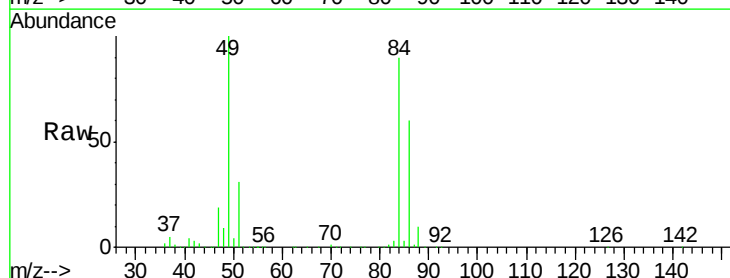
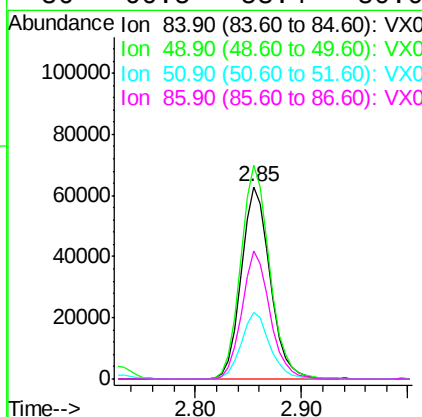
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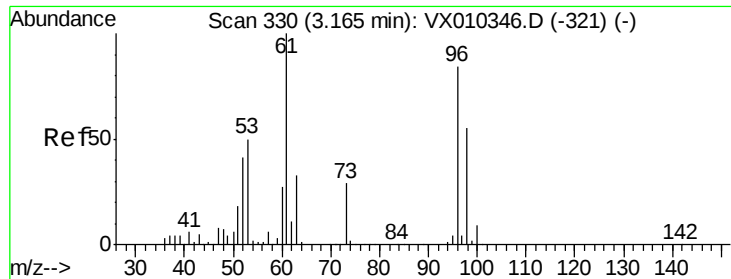
MMDadoda
7/8/2019 10:58:58 AM



#20
Methylene Chloride
Concen: 57.007 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 84 Resp: 119874
Ion Ratio Lower Upper
84 100
49 110.8 87.5 131.3
51 34.2 27.7 41.5
86 66.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 55.470 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

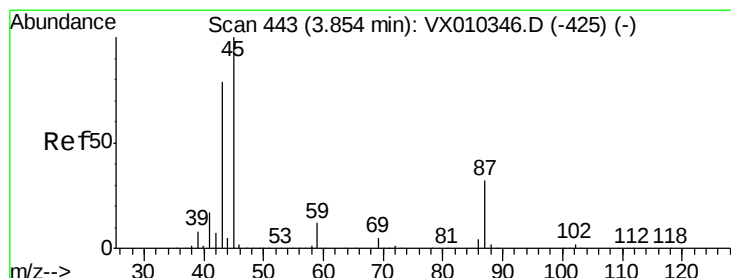
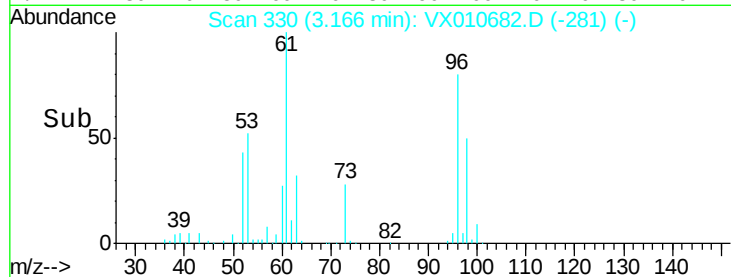
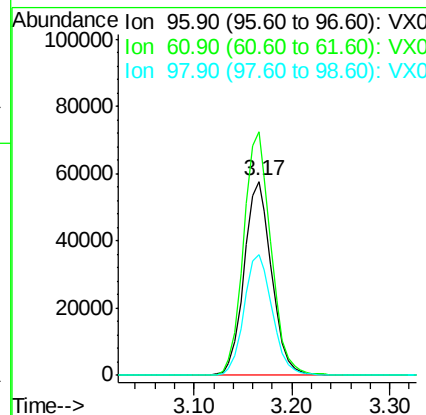
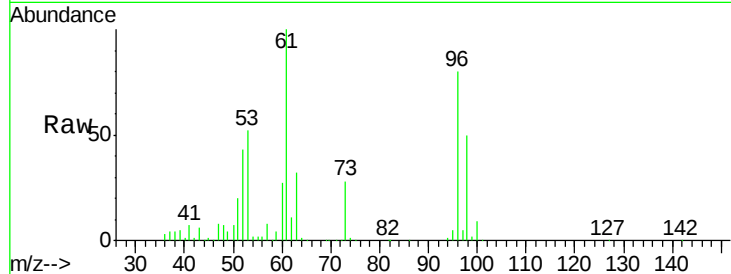
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	96	Resp:	112444
Ion	Ratio	Lower	Upper
96	100		
61	125.4	95.6	143.4
98	62.3	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 58.099 ug/l

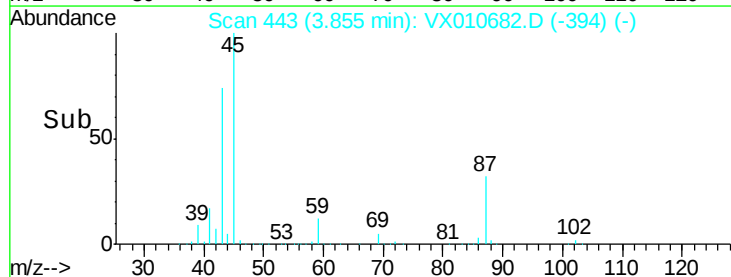
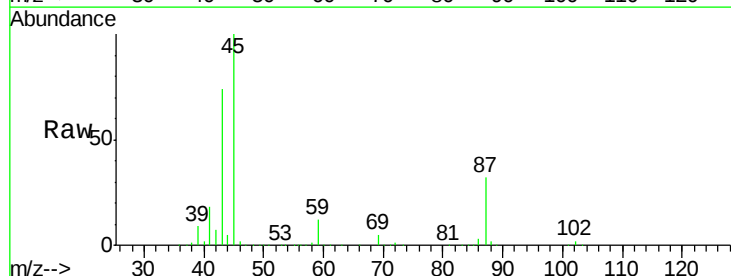
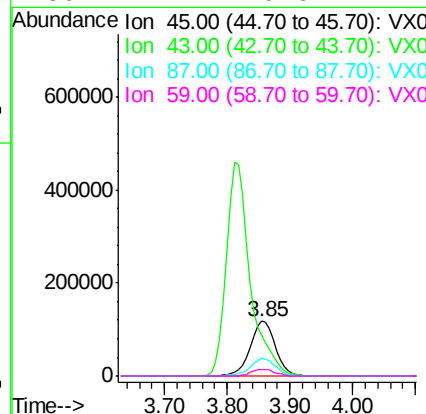
RT: 3.85 min Scan# 443

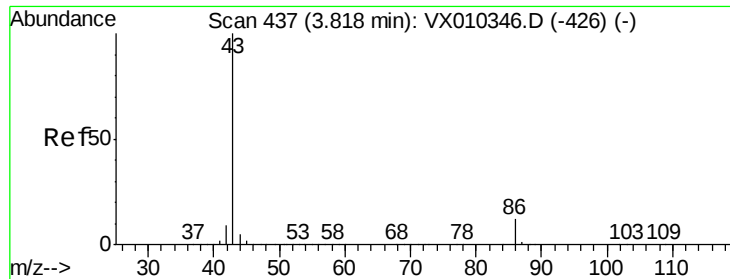
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	45	Resp:	325045
Ion	Ratio	Lower	Upper
45	100		
43	73.8	63.3	94.9
87	32.3	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 251.018 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleID :

SS038RW151-190702MSD

Tot Ion: 43 Resp: 1213216

Ion Ratio Lower Upper

43 100

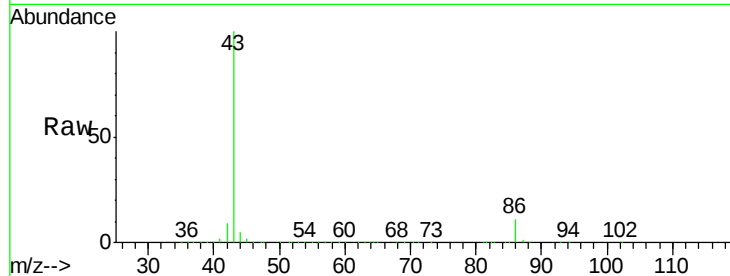
86 11.3 9.9 14.9

Manual Integrations

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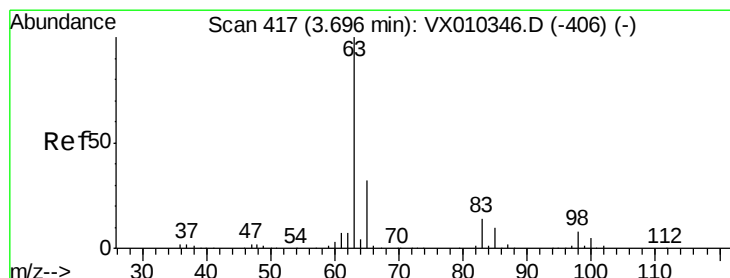
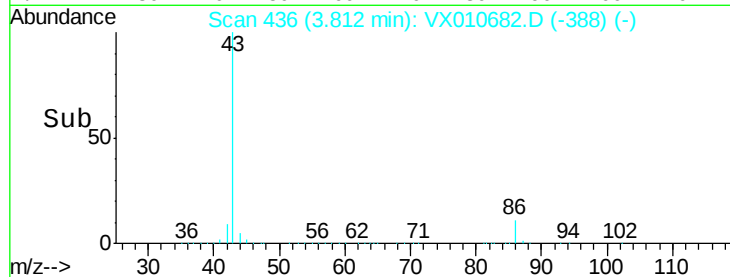
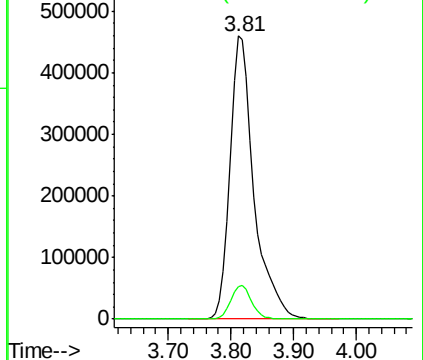
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 57.698 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

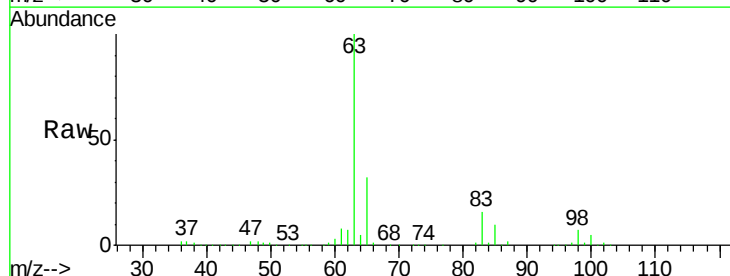
Tgt Ion: 63 Resp: 186590

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

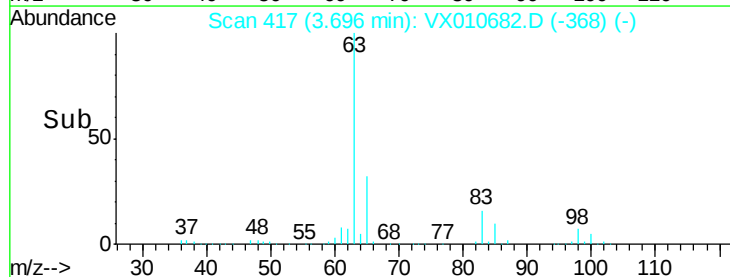
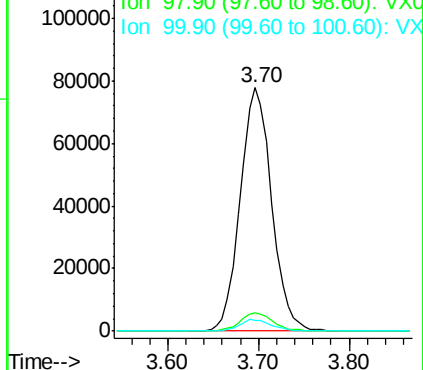
100 4.5 2.4 7.1

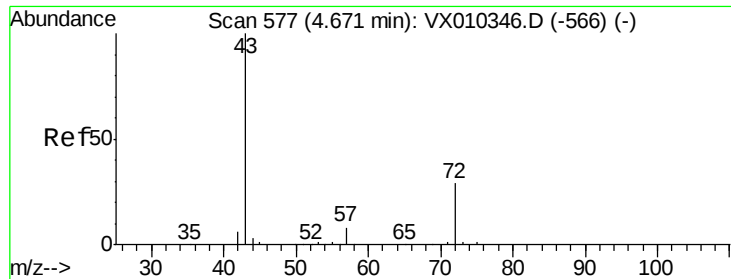


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 276.249 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 43 Resp: 414052

Ion Ratio Lower Upper

43 100

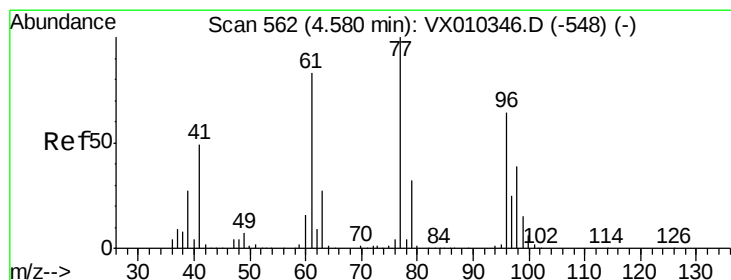
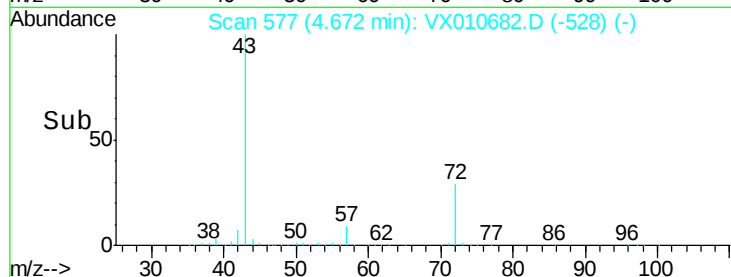
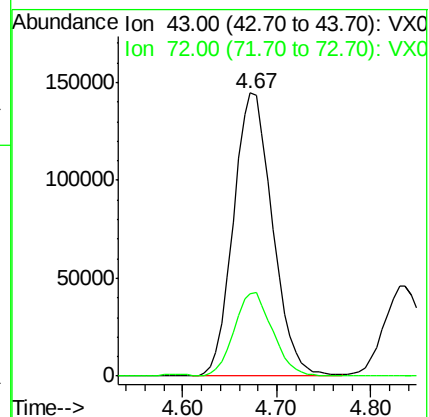
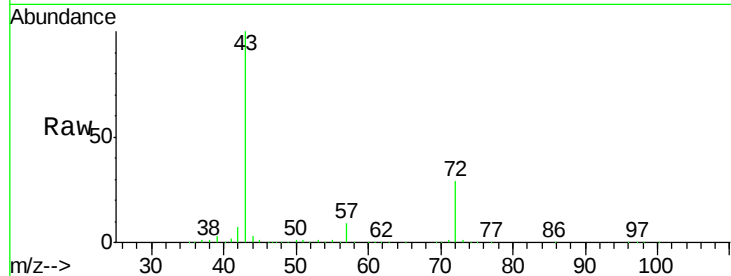
72 29.0 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 25.354 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010682.D

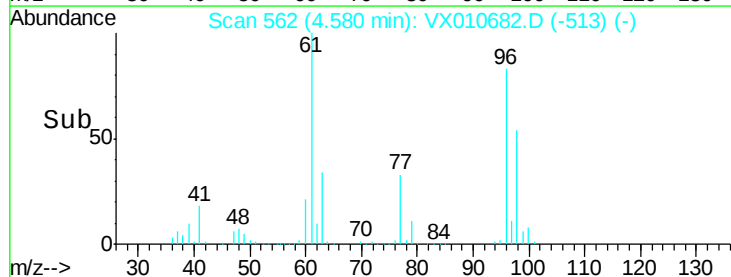
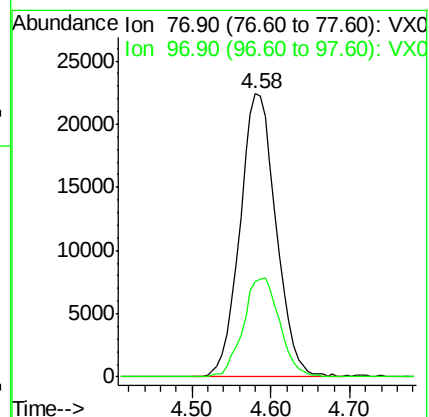
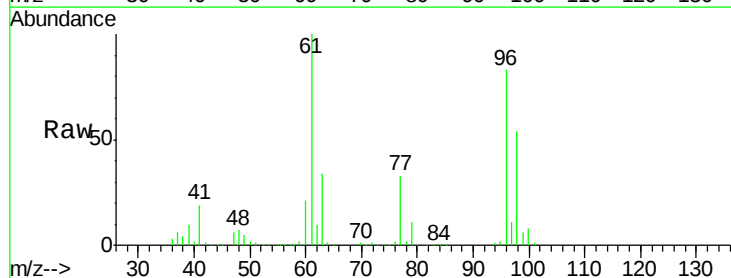
Acq: 04 Jul 2019 10:58

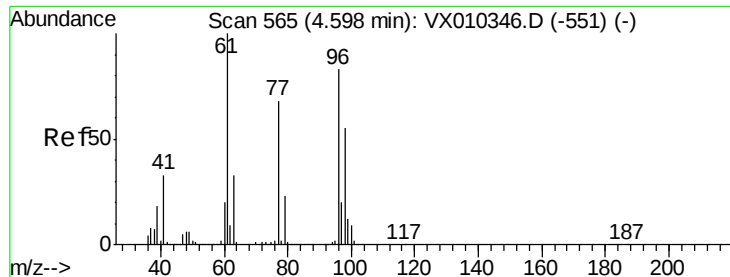
Tgt Ion: 77 Resp: 71228

Ion Ratio Lower Upper

77 100

97 35.3 13.1 39.3





#27

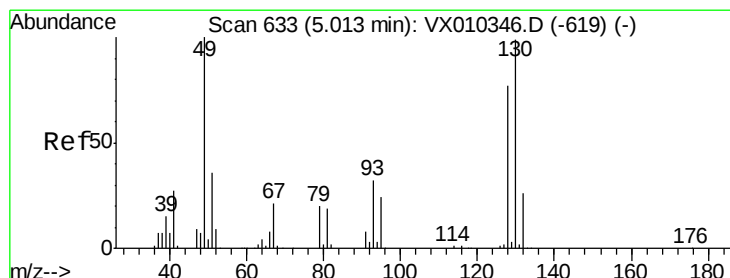
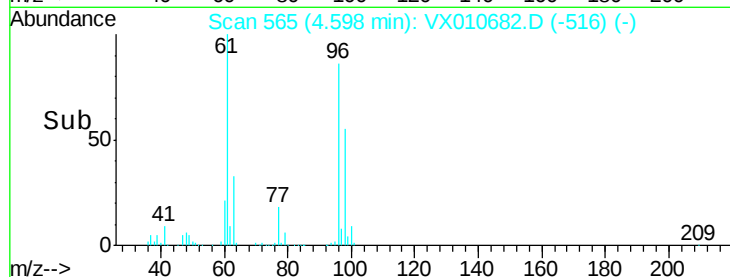
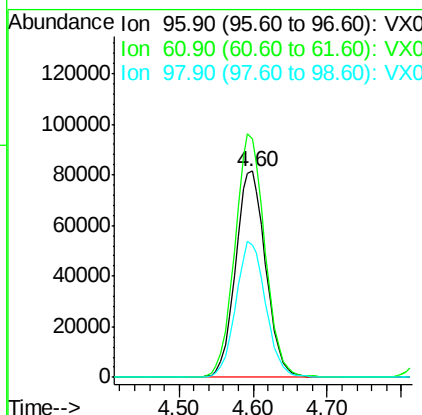
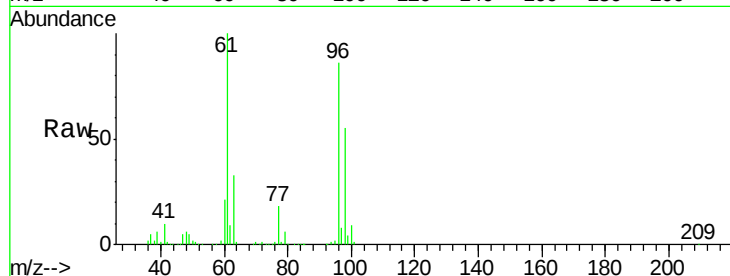
cis-1,2-Dichloroethene
Concen: 98.703 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.7	0.0	251.8
98	65.1	0.0	129.4

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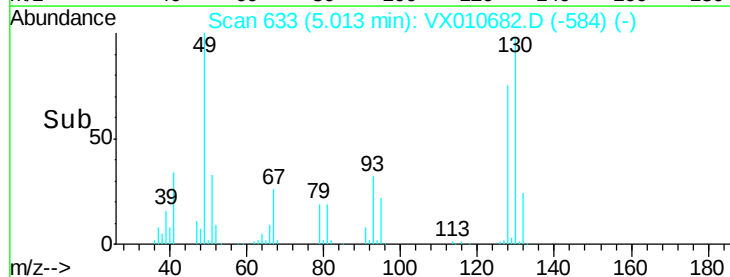
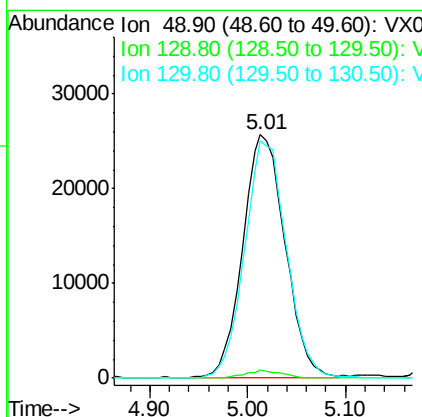
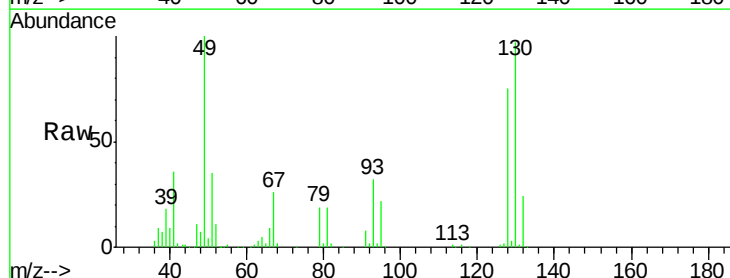
MMDadoda
7/8/2019 10:58:58 AM

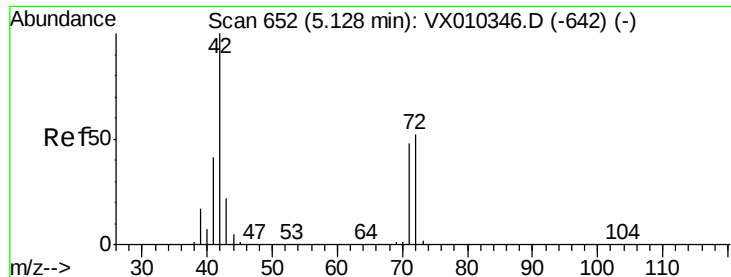


#28

Bromochloromethane
Concen: 49.979 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	96.6	81.4	122.0





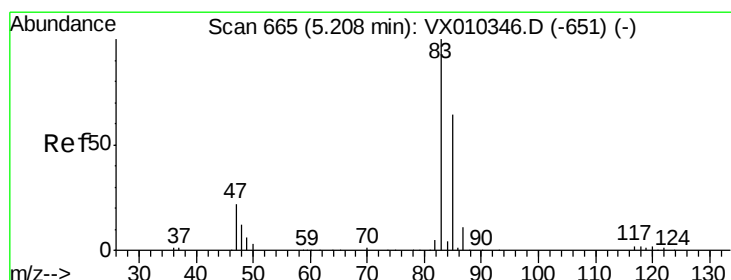
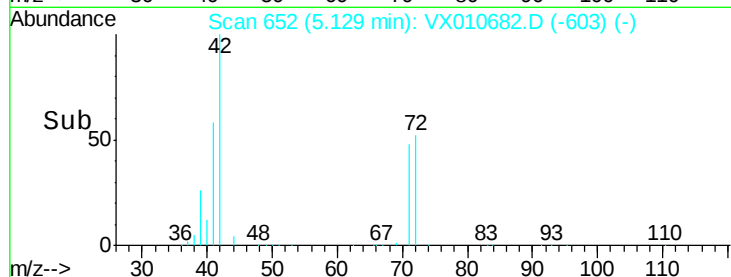
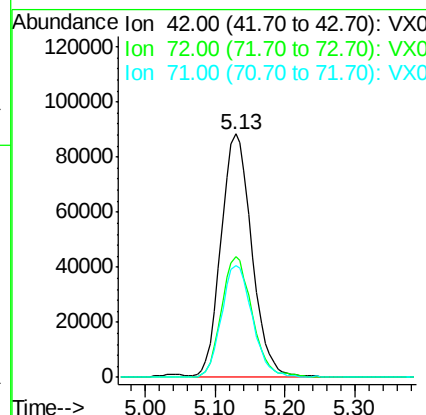
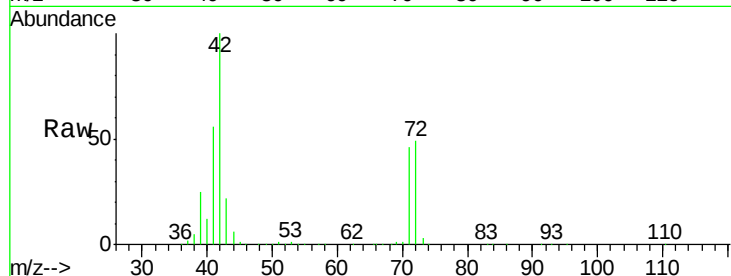
#29
Tetrahydrofuran
Concen: 289.237 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100	268525		
72	50.1		40.6	60.8
71	46.3		37.8	56.8

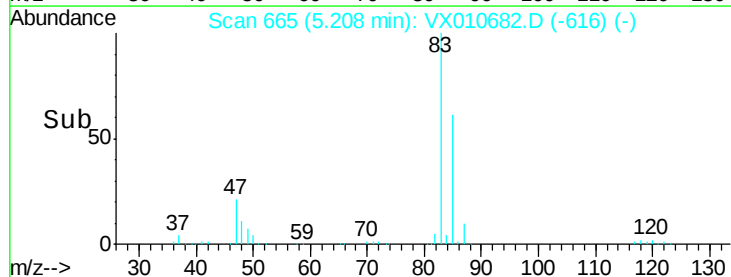
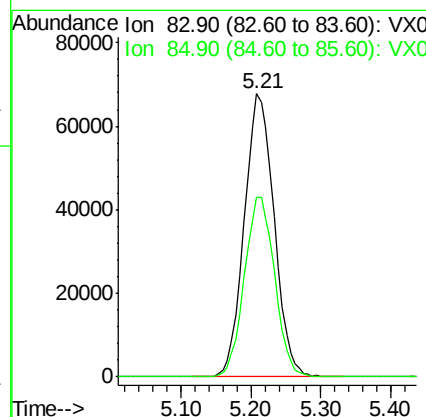
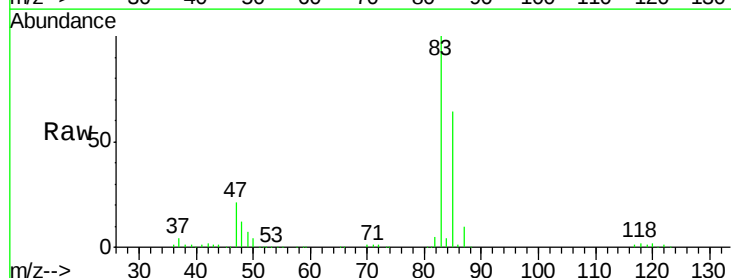
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#30
Chloroform
Concen: 57.689 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	200731		
85	63.7		50.9	76.3





#31

Cyclohexane

Concen: 56.775 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

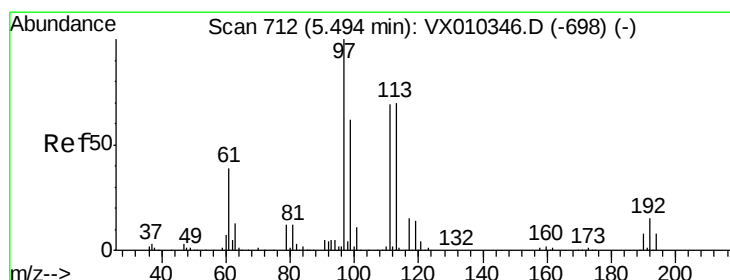
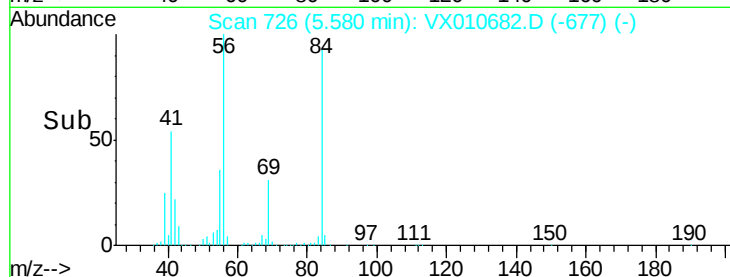
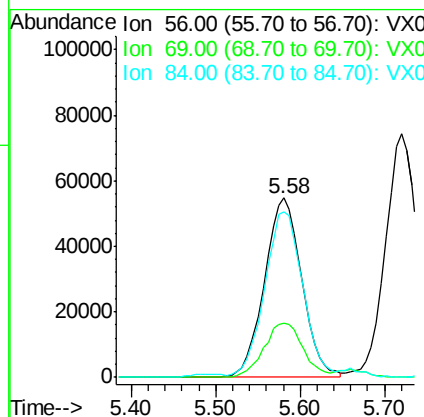
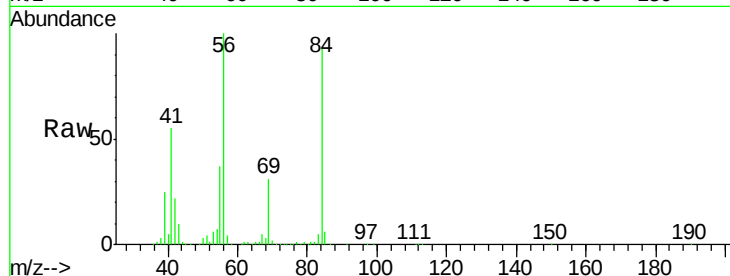
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	56	Resp:	167199
Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.9	38.9
84	91.8	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 56.610 ug/l

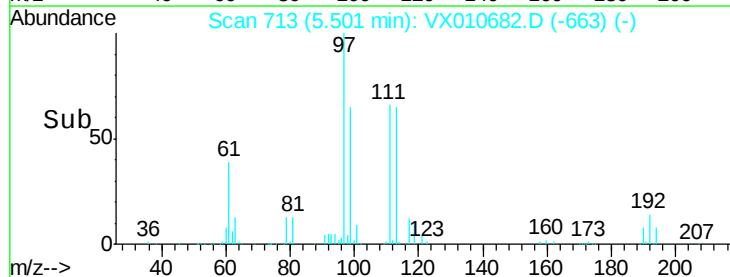
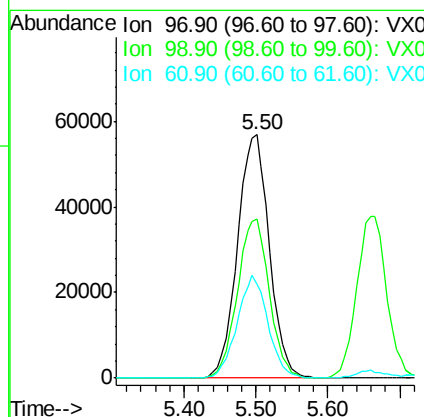
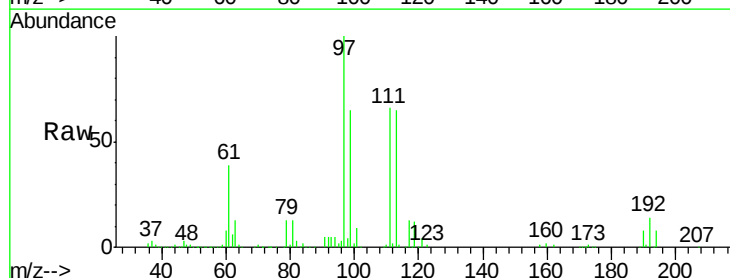
RT: 5.50 min Scan# 713

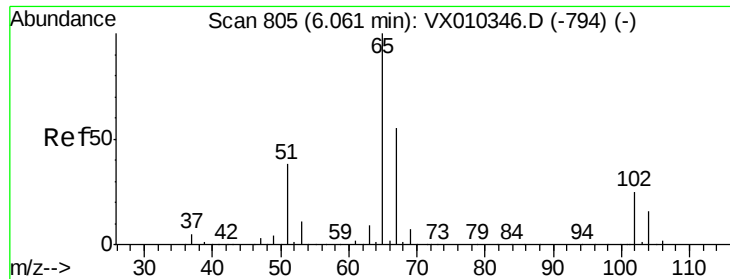
Delta R.T. 0.01 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	97	Resp:	173929
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.8
61	41.0	32.1	48.1





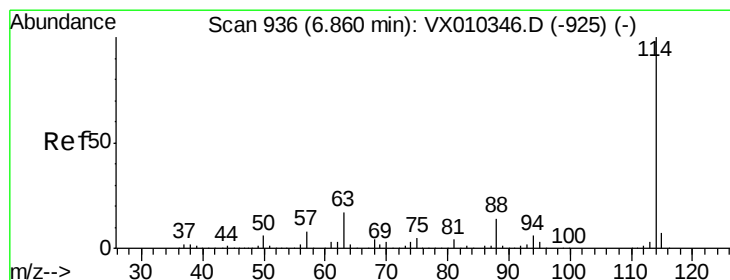
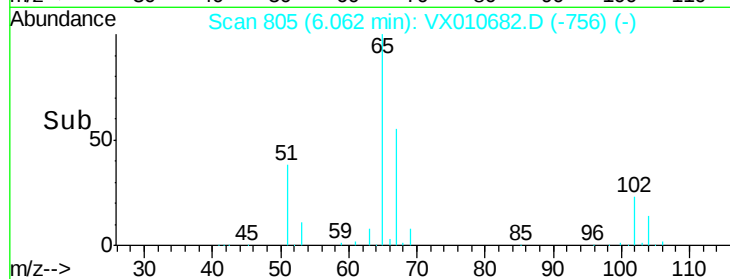
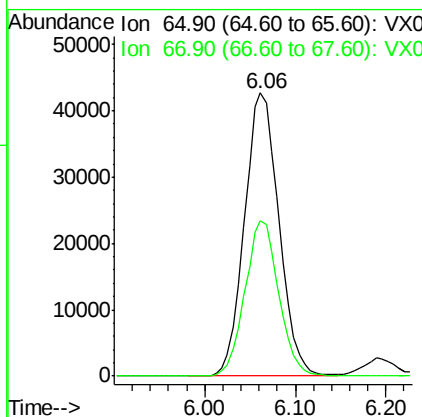
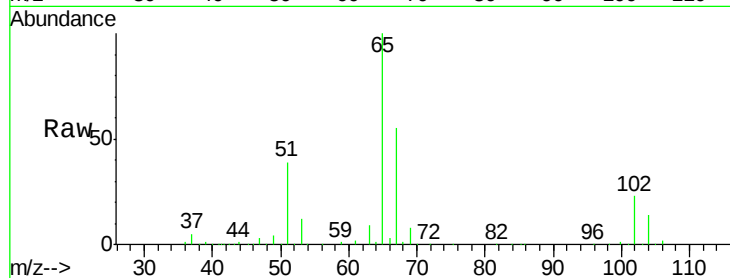
#33
 1,2-Dichloroethane-d4
 Concen: 55.121 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.2

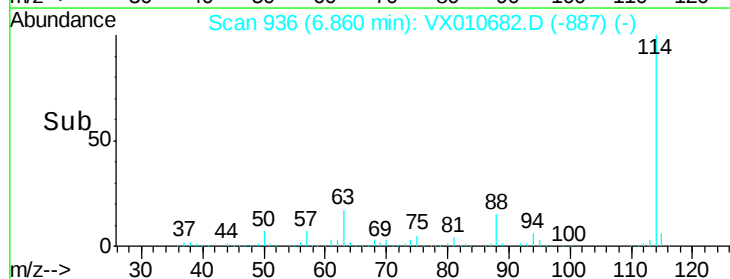
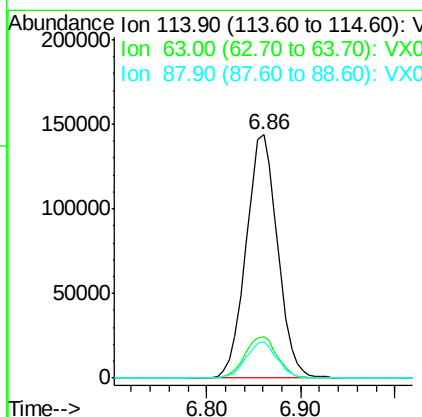
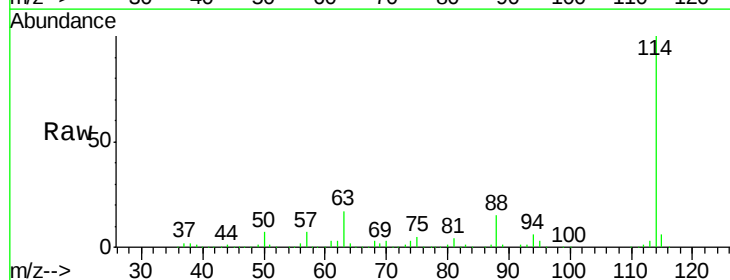
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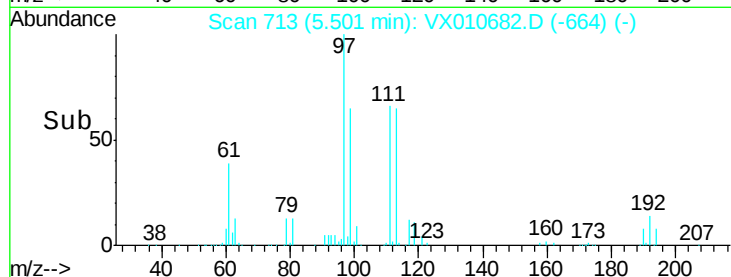
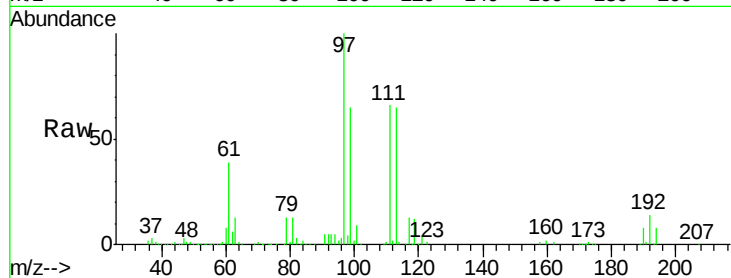
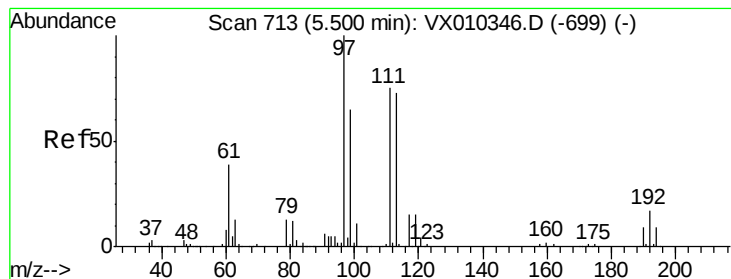
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 7/8/2019 10:58:58 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.8
88	14.9	0.0	27.6





#35

Dibromofluoromethane

Concen: 51.217 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106072		
111	103.1	81.2	121.8	
192	21.8	18.6	27.8	

Instrument :

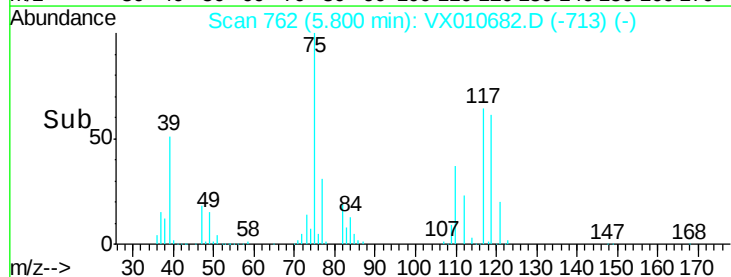
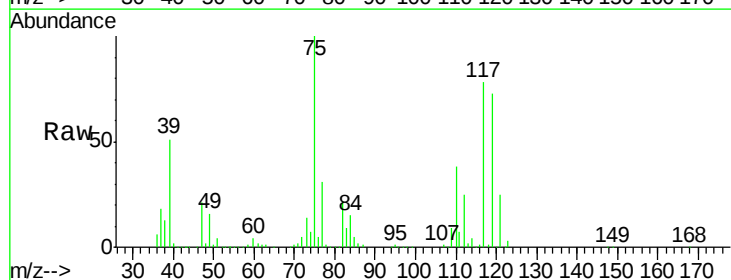
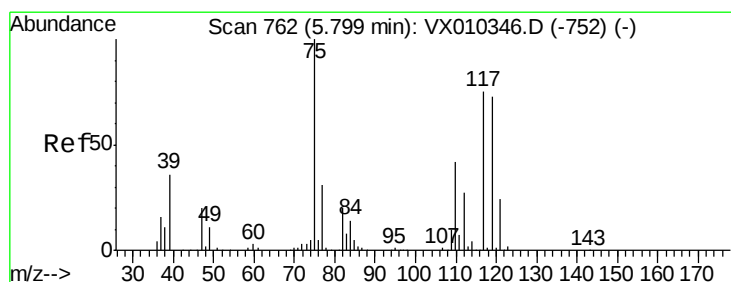
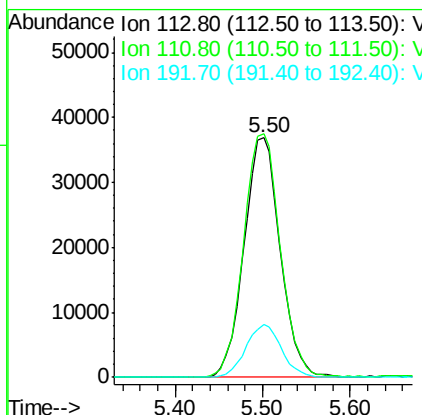
MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

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#36

1,1-Dichloropropene

Concen: 53.351 ug/l

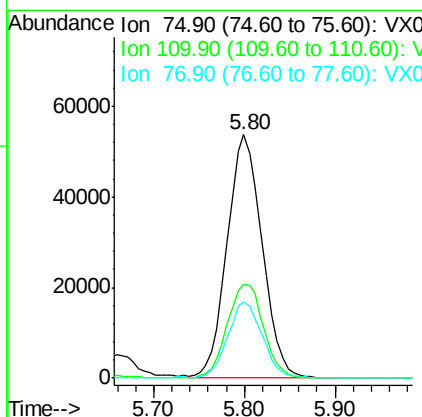
RT: 5.80 min Scan# 762

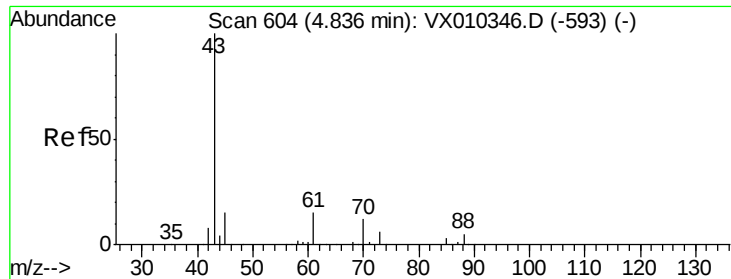
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	143508		
110	40.3	20.8	62.2	
77	30.9	25.4	38.0	





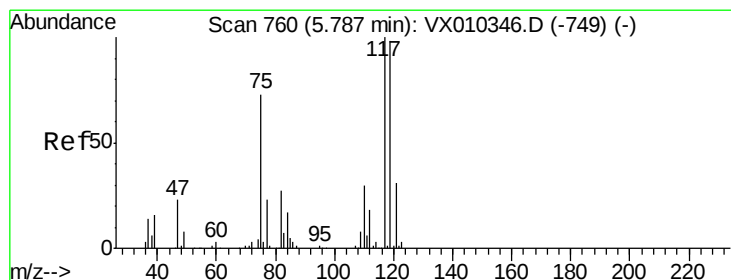
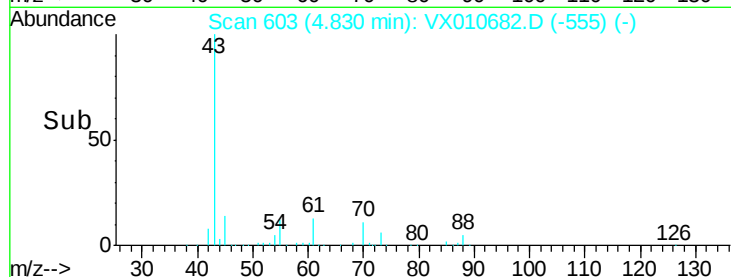
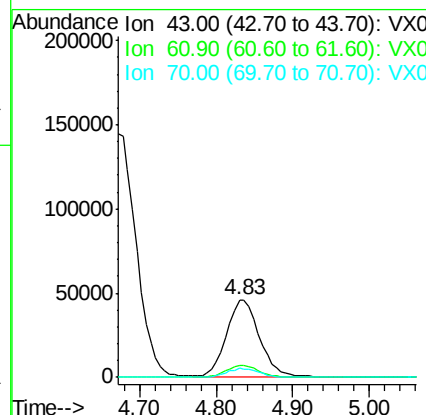
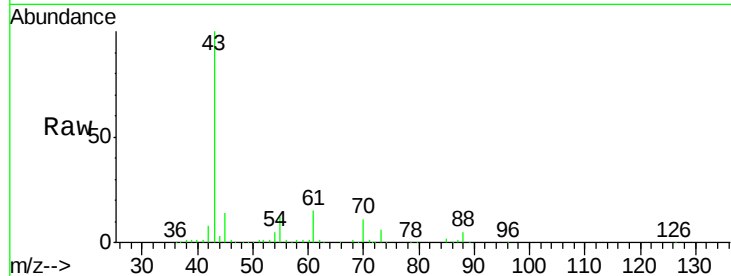
#37
Ethyl Acetate
Concen: 49.255 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	11.4	9.8	14.8

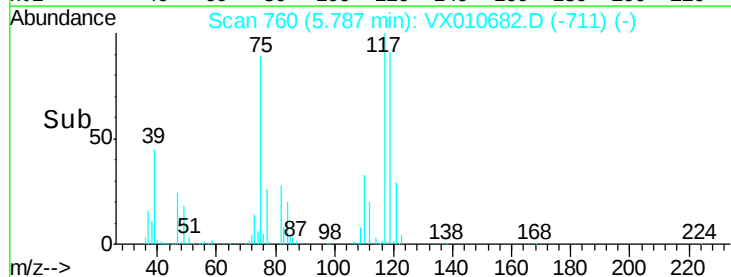
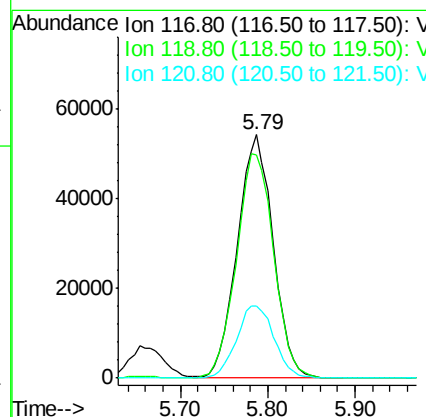
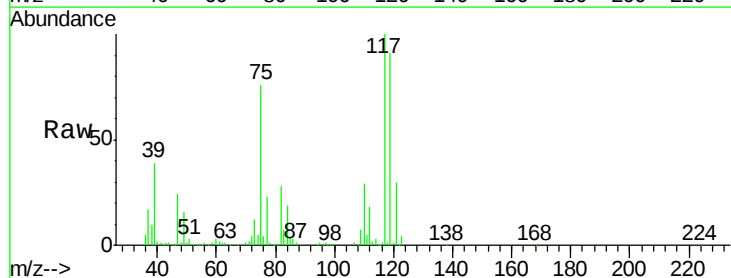
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#38
Carbon Tetrachloride
Concen: 53.039 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.2	117.4
121	29.5	24.7	37.1





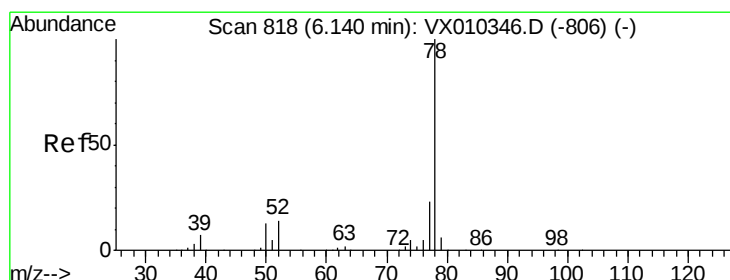
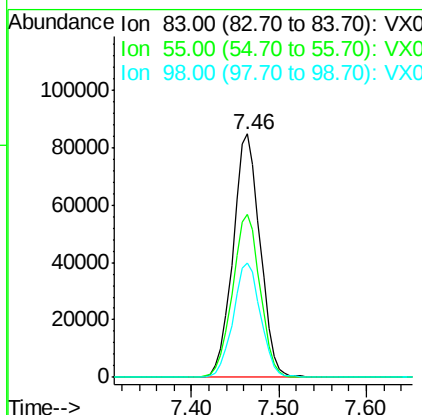
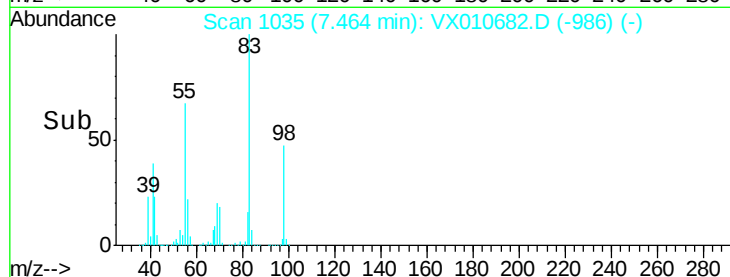
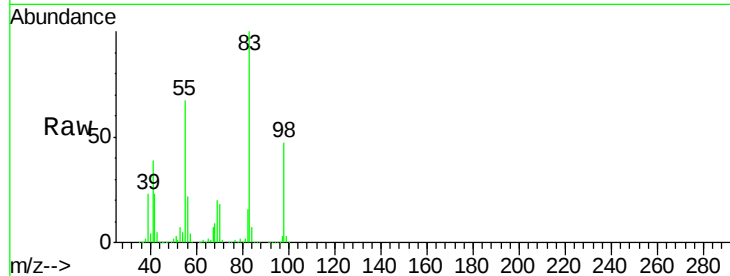
#39
Methvlcvclohexane
Concen: 51.544 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.8	53.0	79.6
98	46.9	37.8	56.8

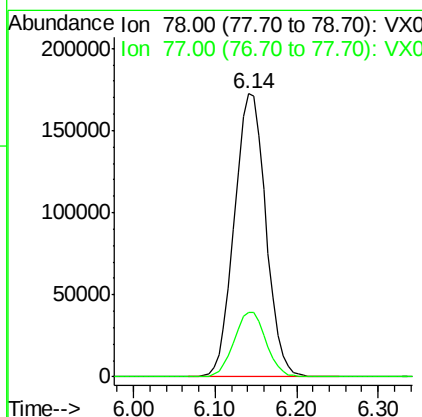
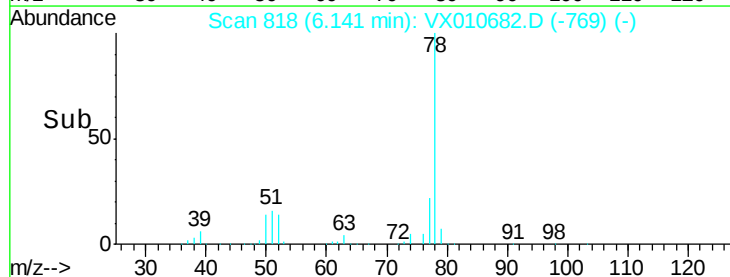
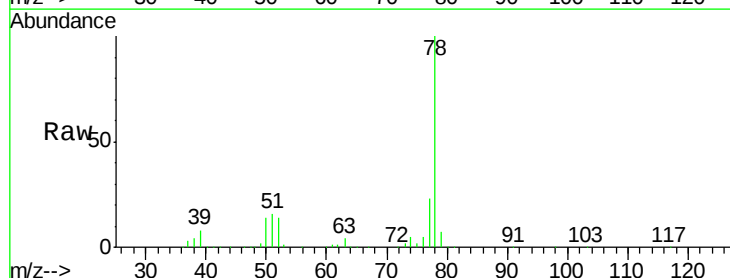
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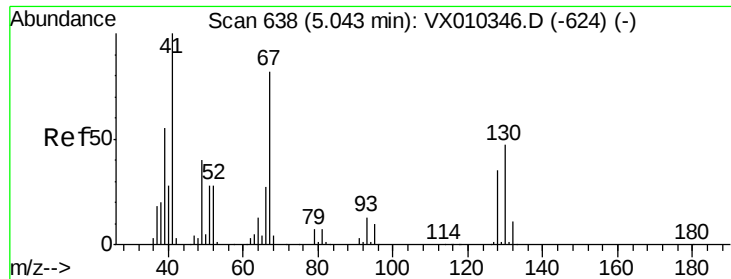
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#40
Benzene
Concen: 54.954 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





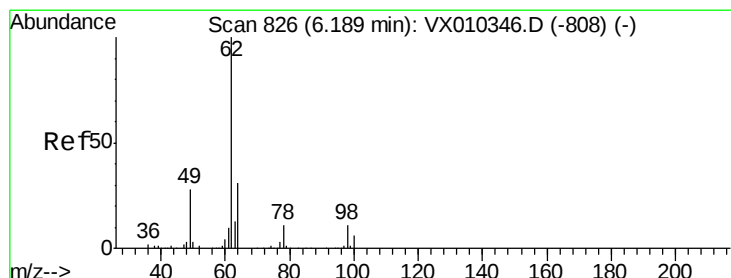
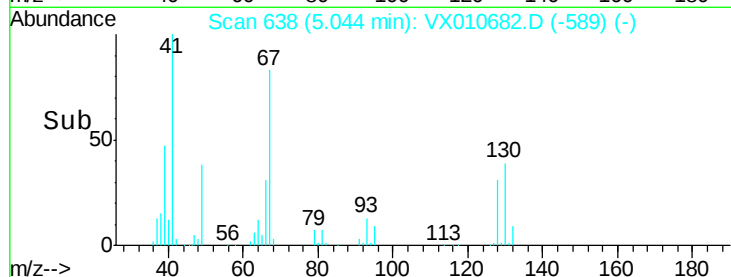
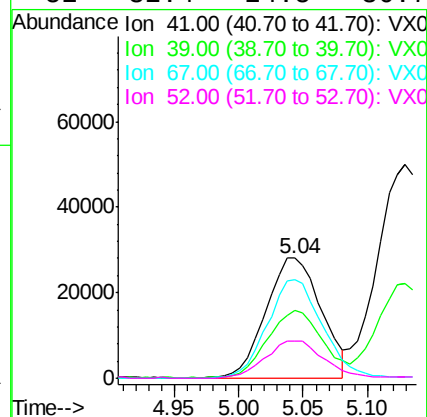
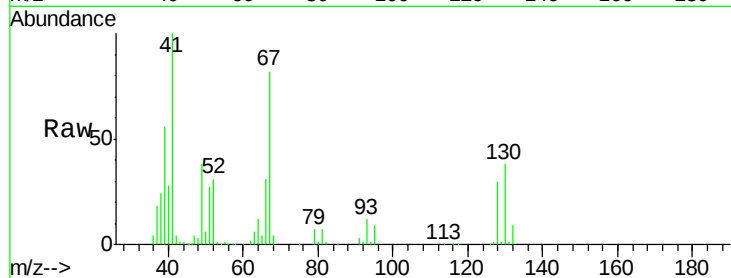
#41
Methacrylonitrile
Concen: 54.944 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	43.8	65.8	
67	82.9	66.6	100.0	
52	32.4	24.5	36.7	

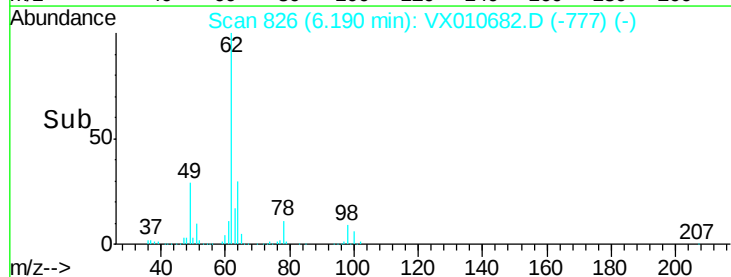
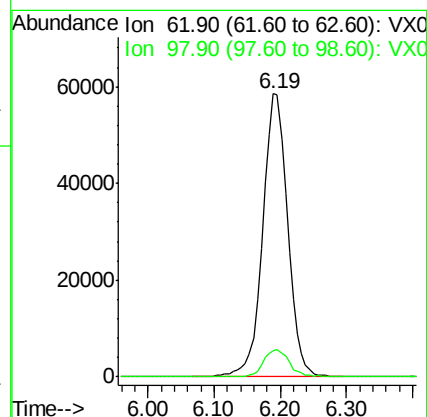
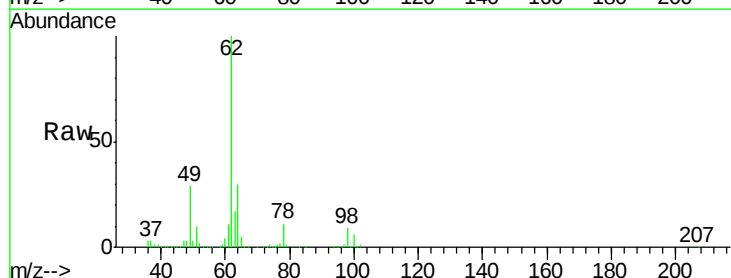
Manual Integrations
APPROVED

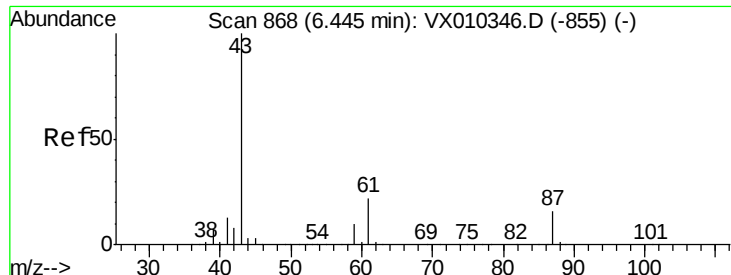
MMDadoda
7/8/2019 10:58:58 AM



#42
1,2-Dichloroethane
Concen: 60.290 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	22.2	





#43

Isopropyl Acetate

Concen: 51.302 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

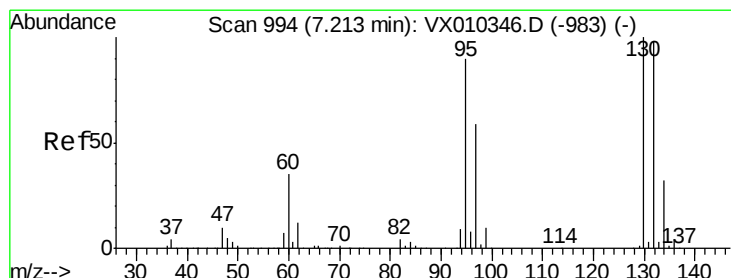
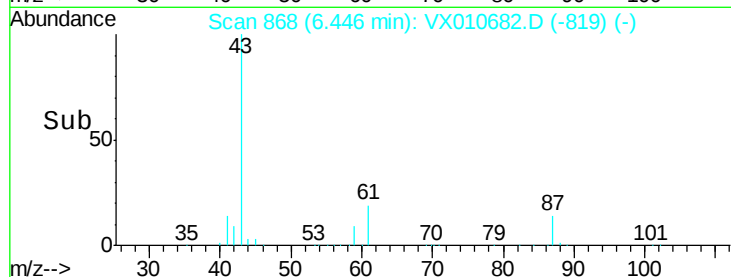
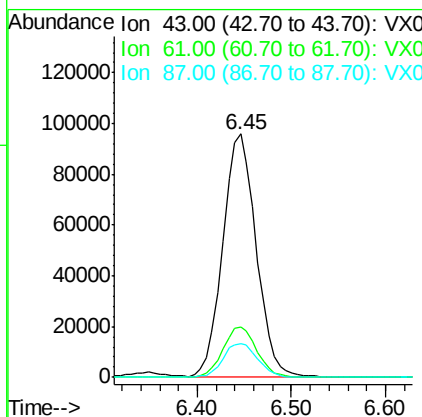
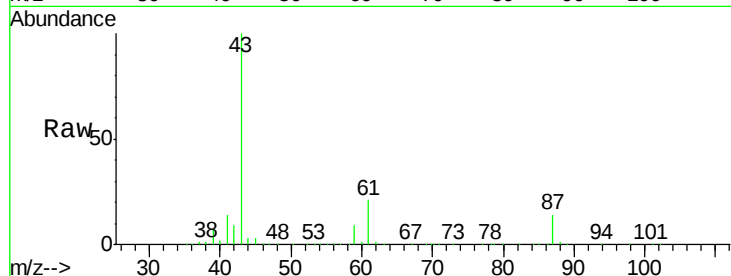
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	43	Resp:	234877
Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	14.7	13.0	19.4

Manual Integrations
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#44

Trichloroethene

Concen: 52.843 ug/l

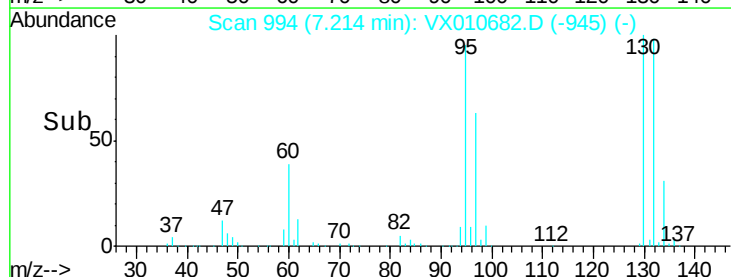
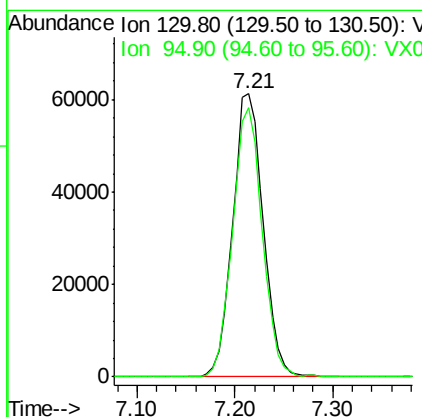
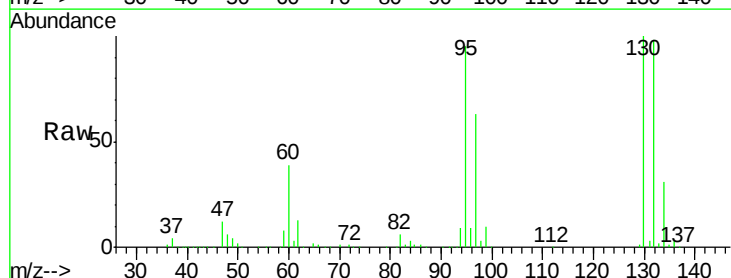
RT: 7.21 min Scan# 994

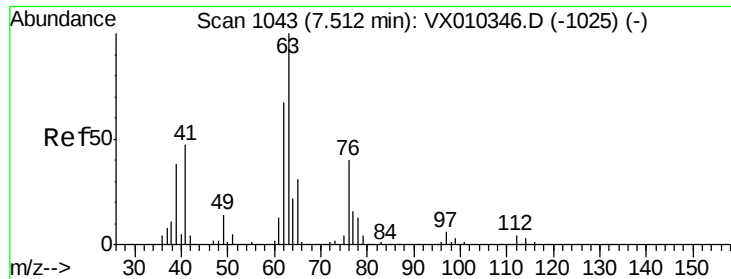
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	130	Resp:	132507
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	180.8





#45

1,2-Dichloropropane

Concen: 53.467 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 63 Resp: 113148

Ion Ratio Lower Upper

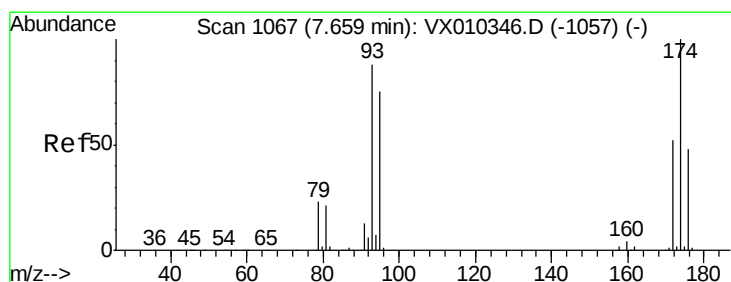
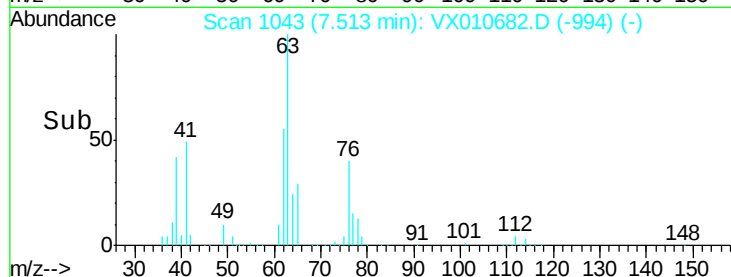
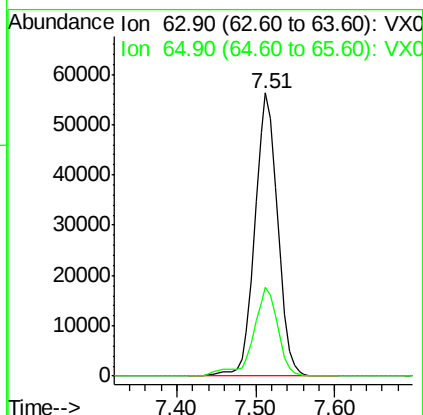
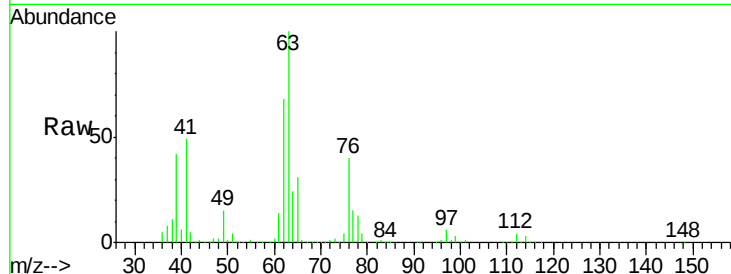
63 100

65 31.3 24.8 37.2

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7/8/2019 10:58:58 AM



#46

Dibromomethane

Concen: 54.877 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

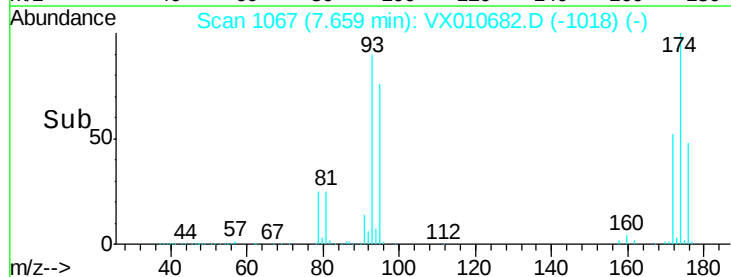
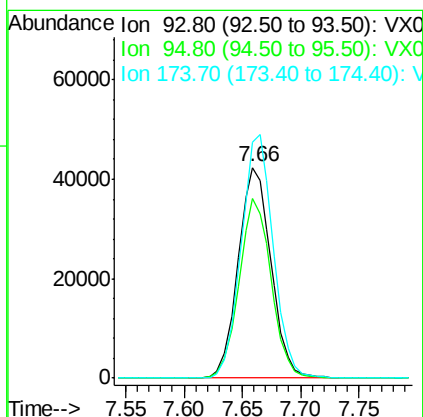
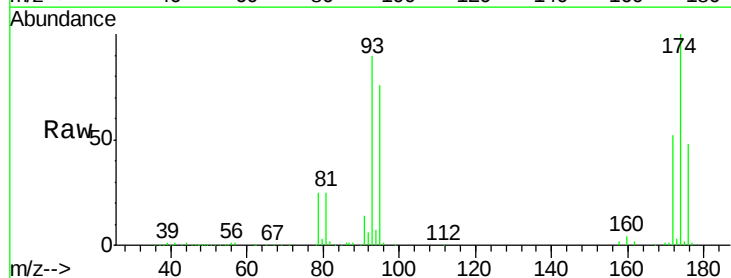
Tgt Ion: 93 Resp: 83322

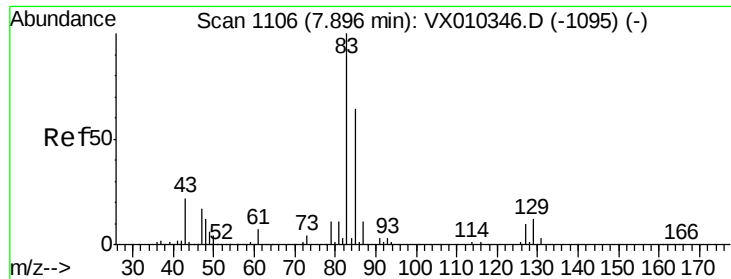
Ion Ratio Lower Upper

93 100

95 83.2 67.5 101.3

174 113.3 95.8 143.6





#47

Bromodichloromethane

Concen: 53.742 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

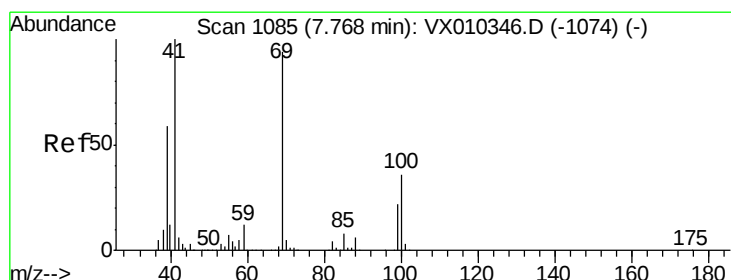
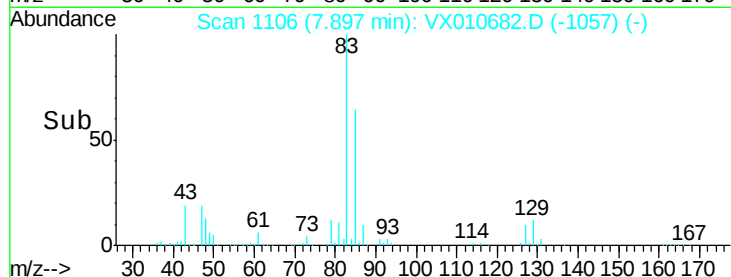
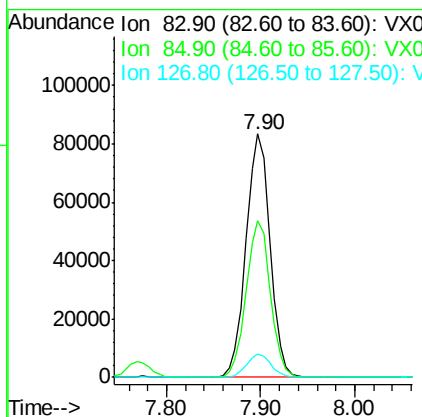
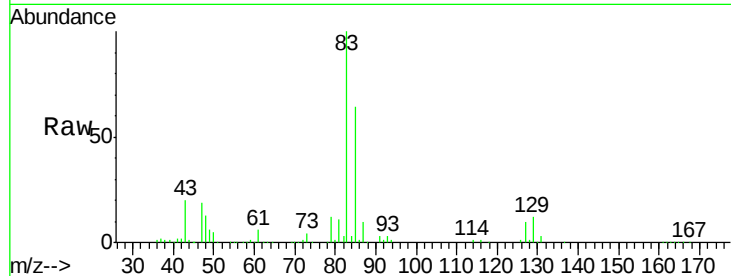
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	83	Resp:	149539
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.5	77.3
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.259 ug/l

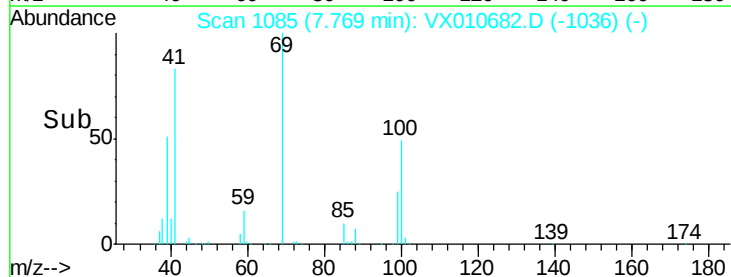
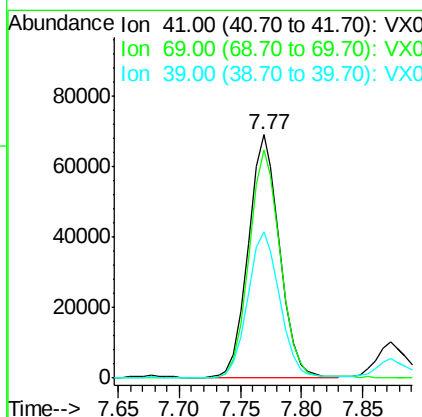
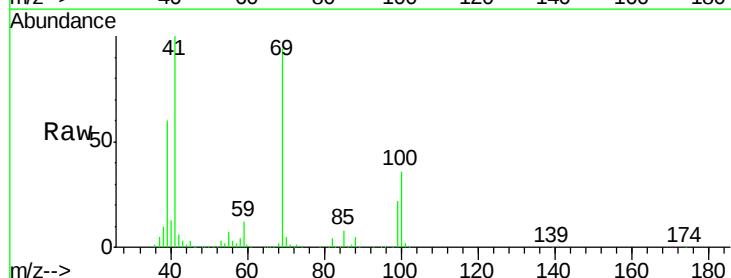
RT: 7.77 min Scan# 1085

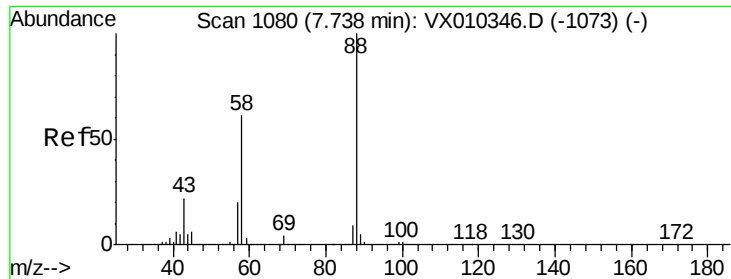
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	41	Resp:	121851
Ion Ratio	Lower	Upper	
41	100		
69	93.9	76.1	114.1
39	61.4	47.6	71.4





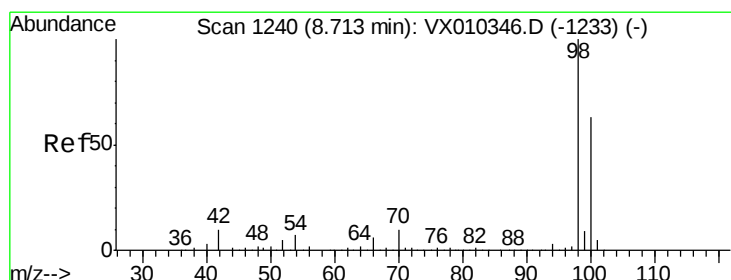
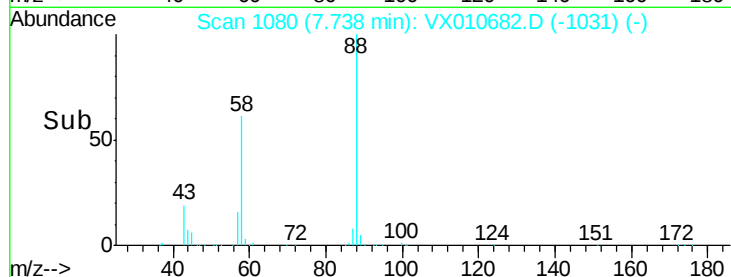
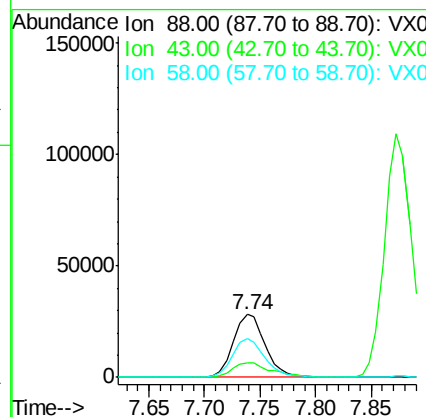
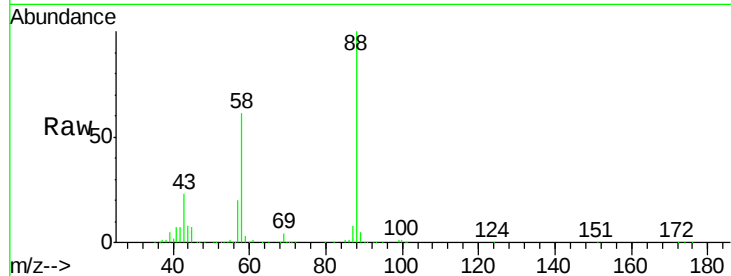
#49
1,4-Dioxane
Concen: 908.961 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	20.2	30.2
58	62.6	49.5	74.3

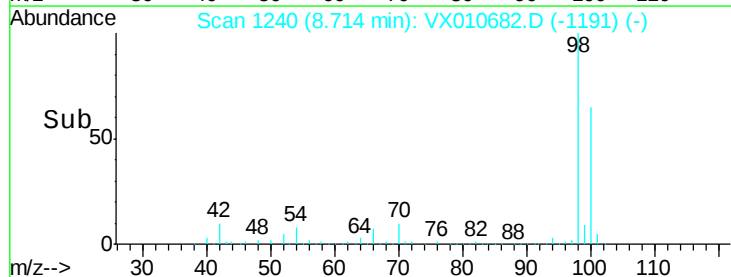
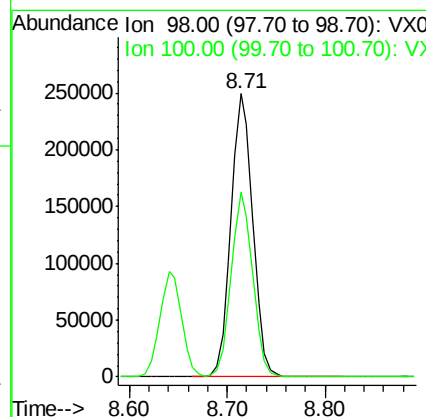
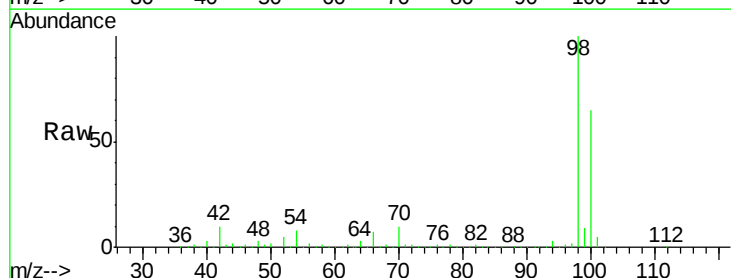
Manual Integrations
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MMDadoda
7/8/2019 10:58:58 AM



#50
Toluene-d8
Concen: 48.625 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





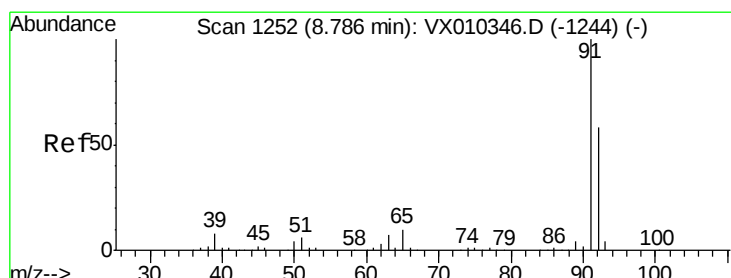
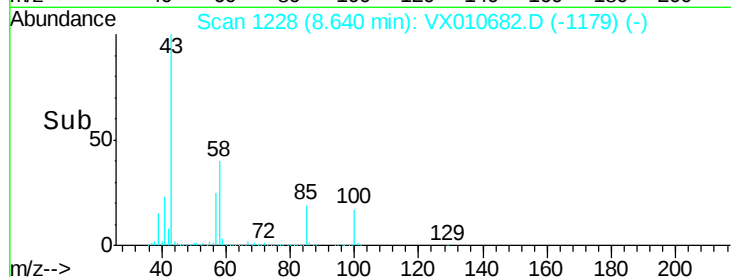
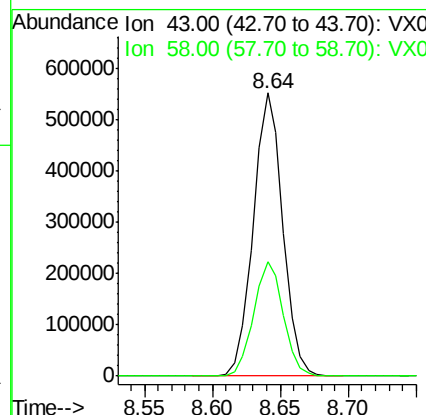
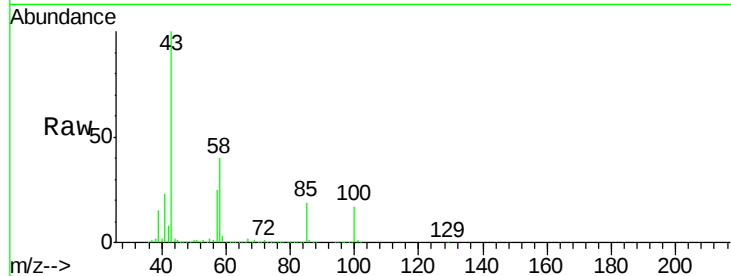
#51
4-Methyl-2-Pentanone
Concen: 286.918 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 43 Resp: 840130
Ion Ratio Lower Upper
43 100
58 40.5 33.5 50.3

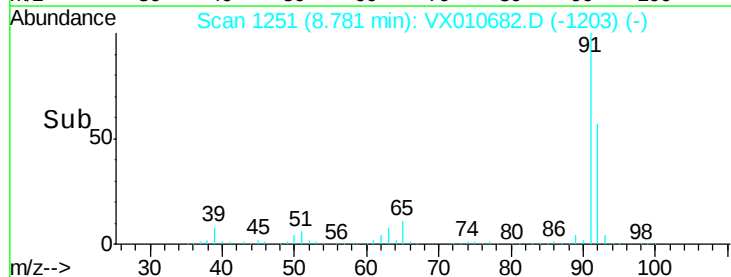
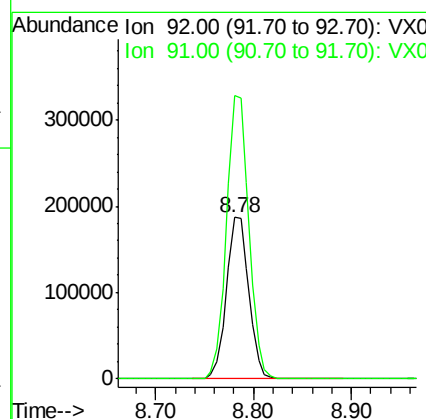
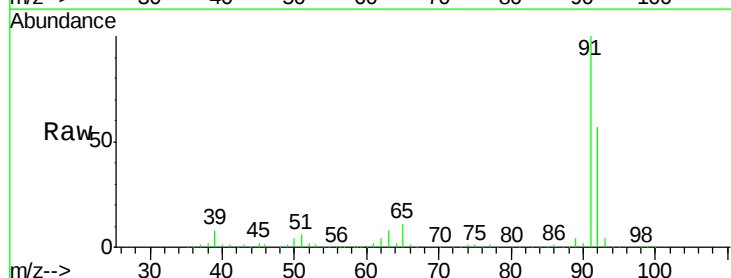
Manual Integrations
APPROVED

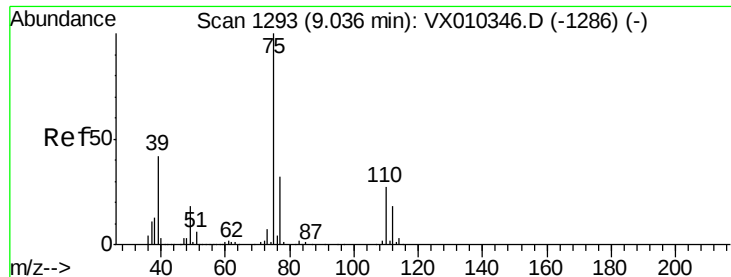
MMDadoda
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#52
Toluene
Concen: 53.634 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 92 Resp: 295986
Ion Ratio Lower Upper
92 100
91 175.9 139.8 209.6





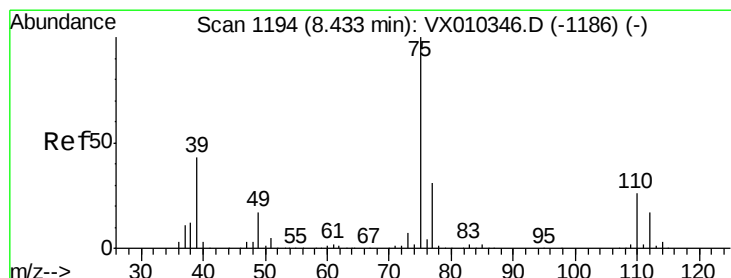
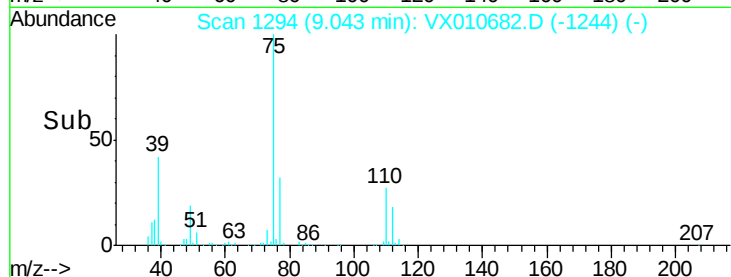
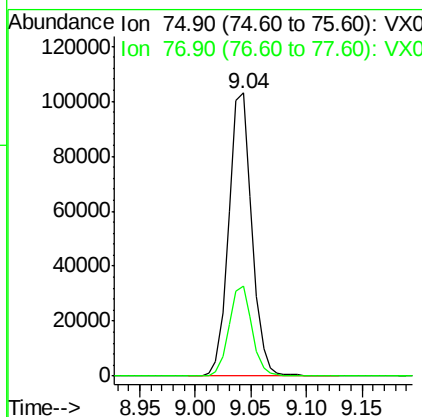
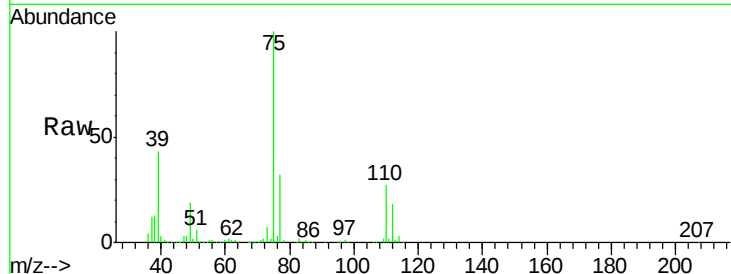
#53
t-1,3-Dichloropropene
Concen: 47.307 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 75 Resp: 147581
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

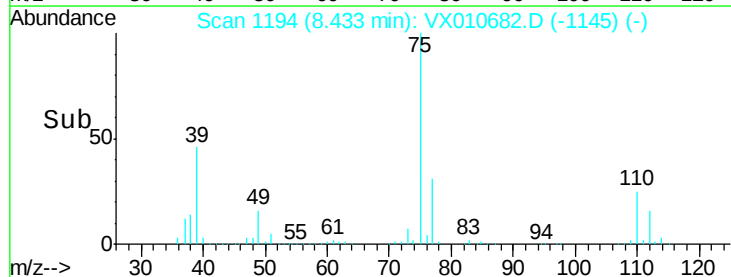
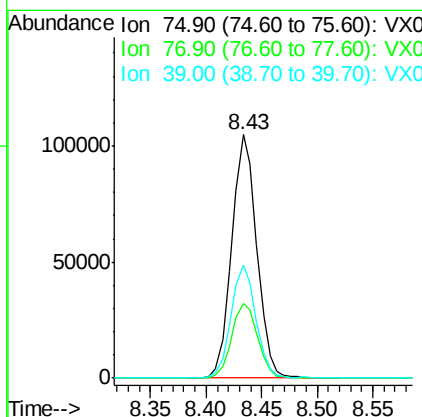
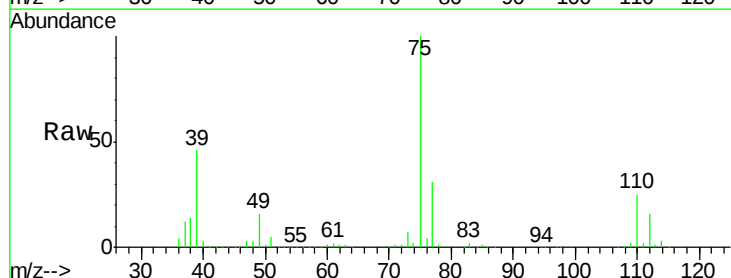
Manual Integrations
APPROVED

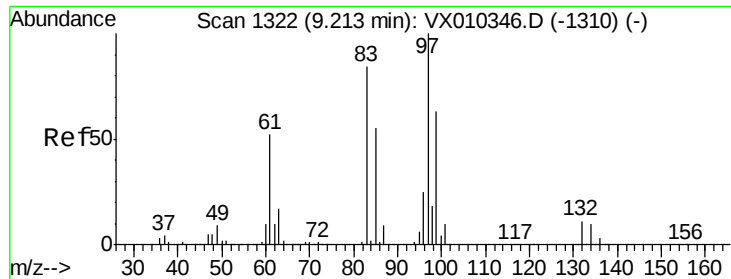
MMDadoda
7/8/2019 10:58:58 AM



#54
cis-1,3-Dichloropropene
Concen: 48.164 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 75 Resp: 163283
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 46.1 34.5 51.7





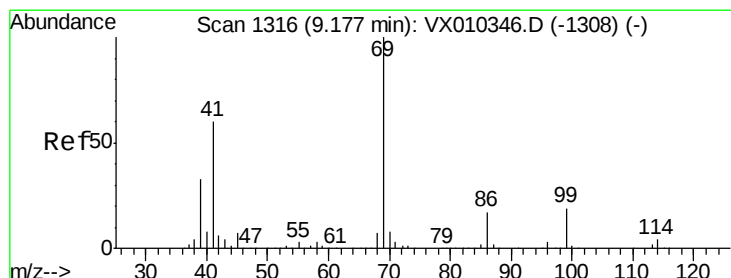
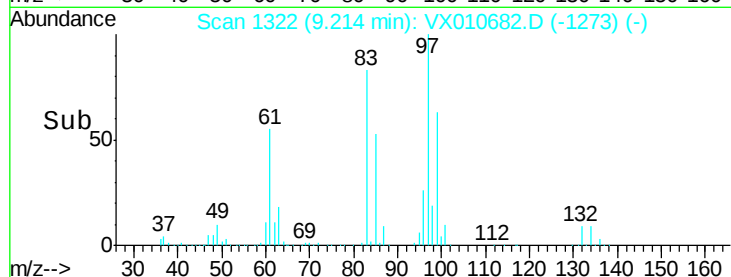
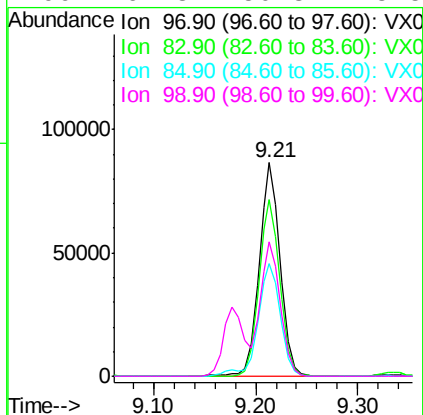
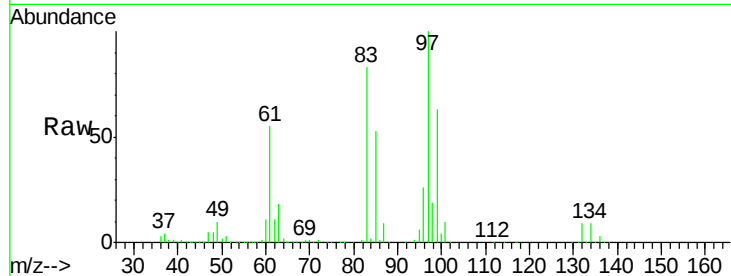
#55
 1,1,2-Trichloroethane
 Concen: 54.552 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion:	97	Resp:	124160
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.4	101.0
85	52.6	43.8	65.8
99	62.8	50.3	75.5

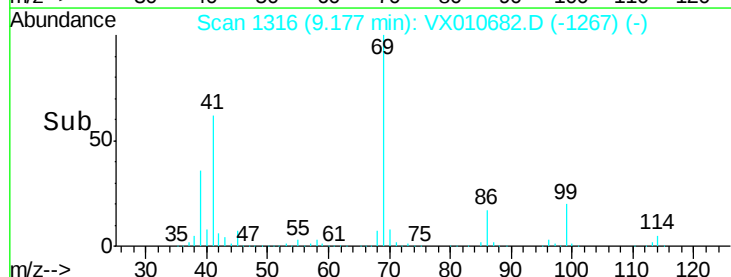
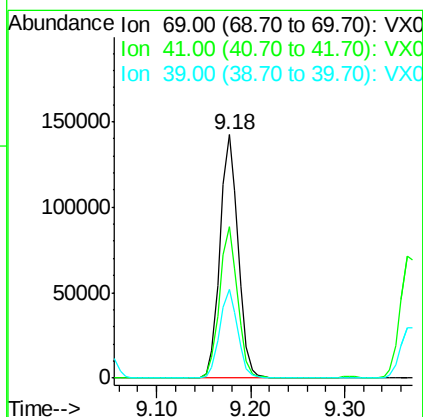
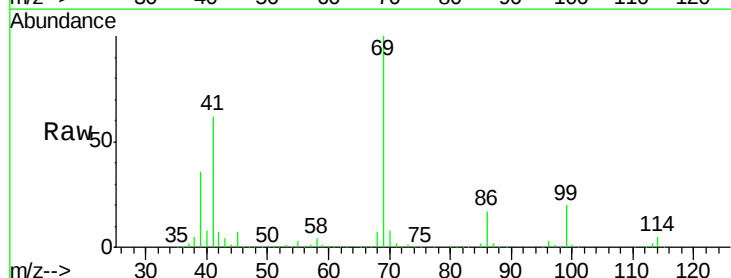
Manual Integrations
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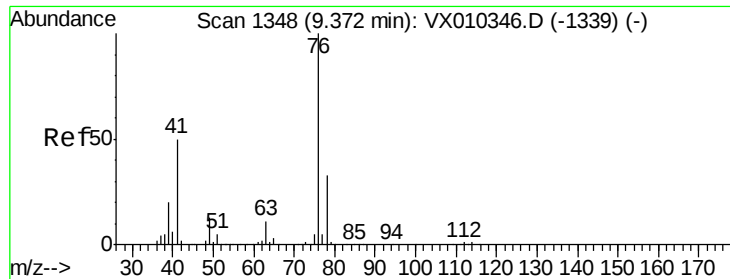
MMDadoda
 7/8/2019 10:58:58 AM



#56
 Ethyl methacrylate
 Concen: 55.168 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion:	69	Resp:	190211
Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.1	70.7
39	36.1	26.6	40.0





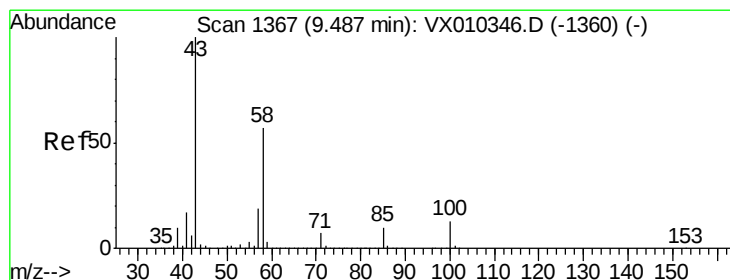
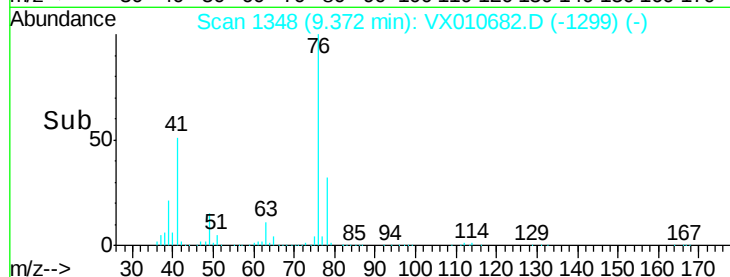
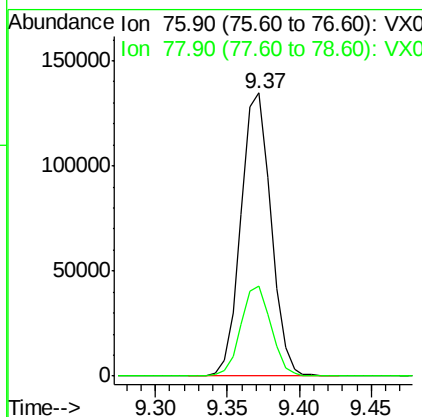
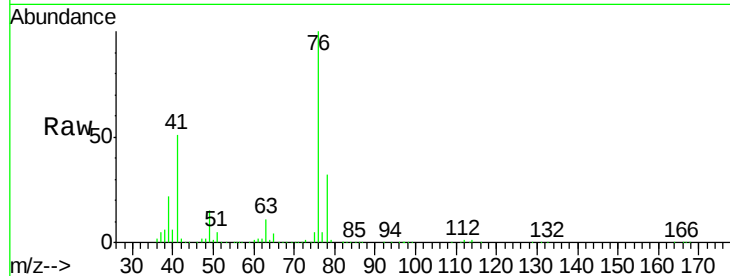
#57
 1,3-Dichloropropane
 Concen: 55.191 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

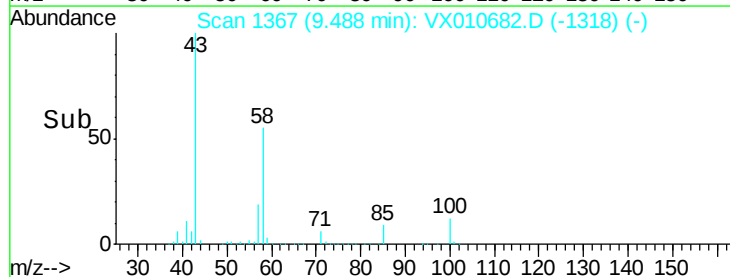
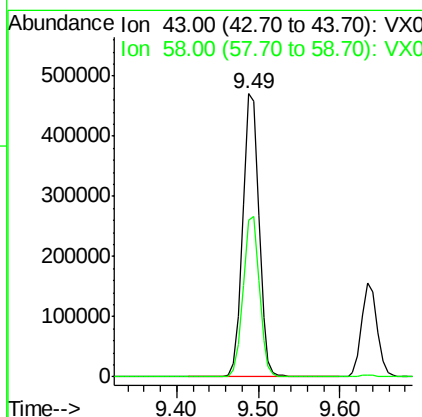
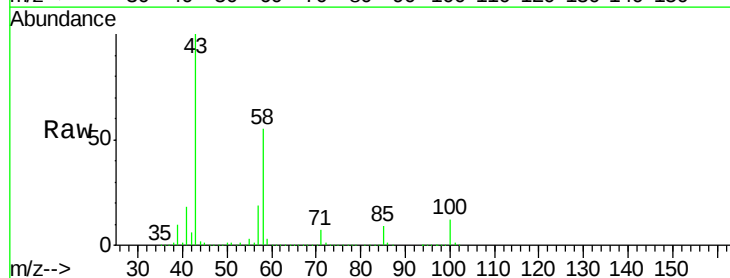
Manual Integrations
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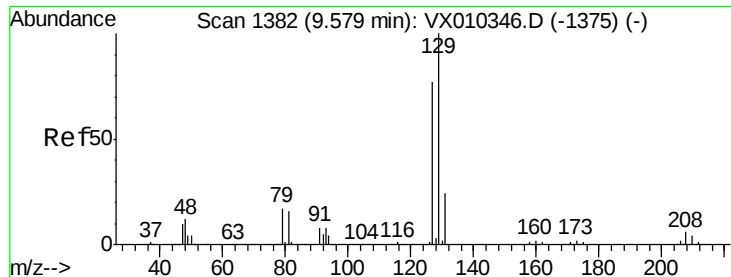
MMDadoda
 7/8/2019 10:58:58 AM



#59
 2-Hexanone
 Concen: 278.248 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.0	29.0	87.1





#60

Dibromochloromethane

Concen: 52.342 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:129 Resp: 133387

Ion Ratio Lower Upper

129 100

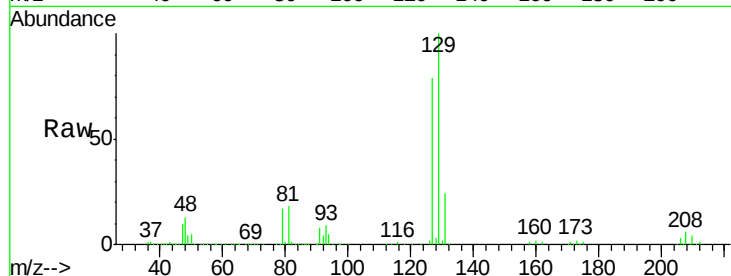
127 77.7 38.4 115.1

Manual Integrations

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7/8/2019 10:58:58 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

100000

80000

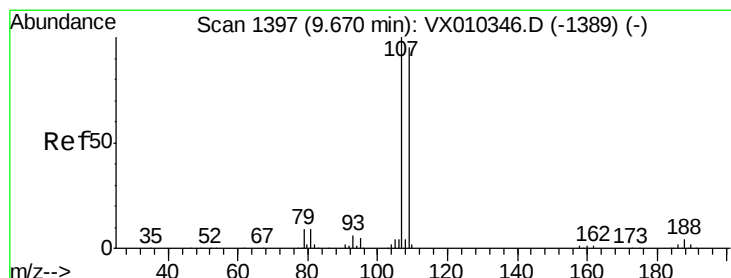
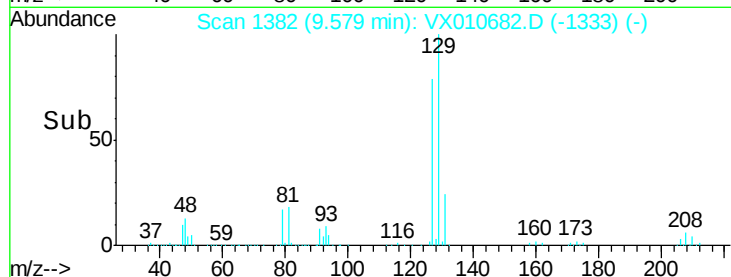
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 54.447 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010682.D

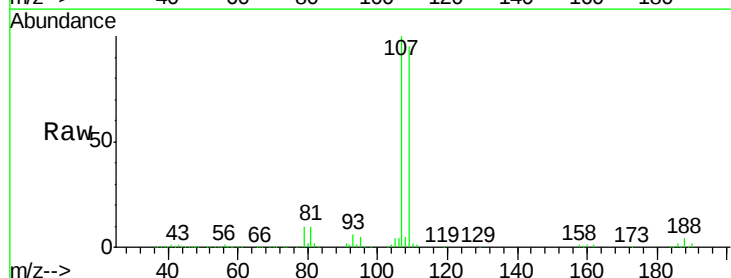
Acq: 04 Jul 2019 10:58

Tgt Ion:107 Resp: 133760

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

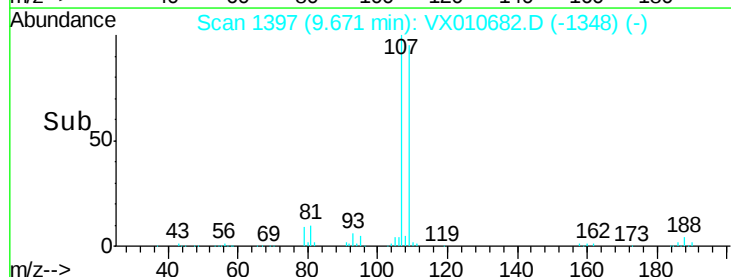
60000

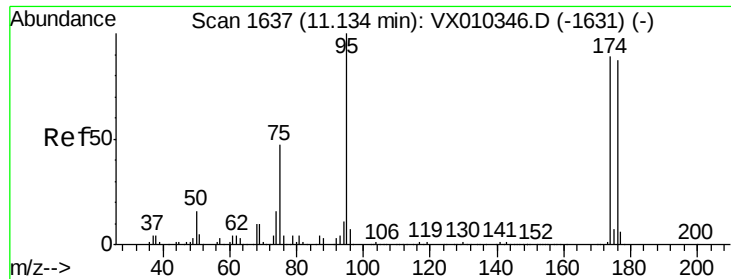
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

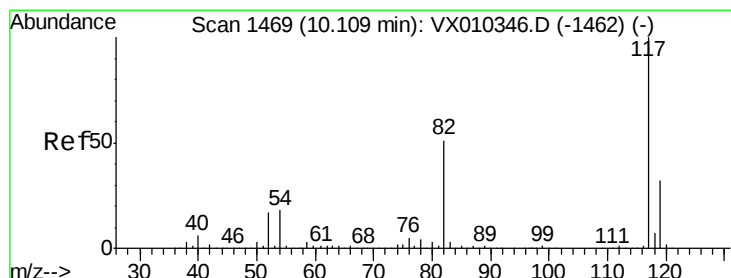
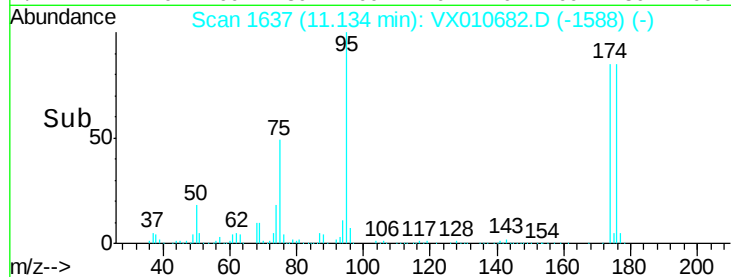
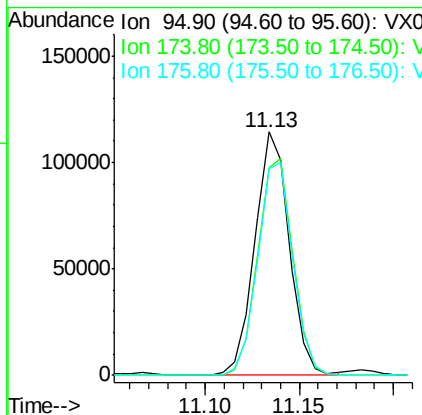
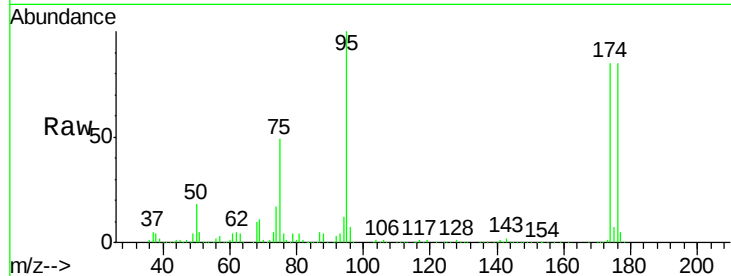
ClientSampleId :

SS038RW151-190702MSD

Tot Ion:	95	Resp:	143947
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	187.6
176	89.6	0.0	184.0

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7/8/2019 10:58:58 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

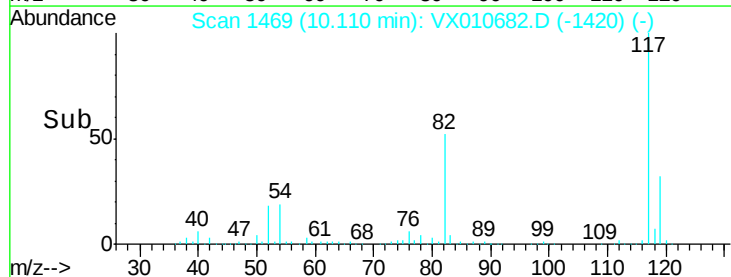
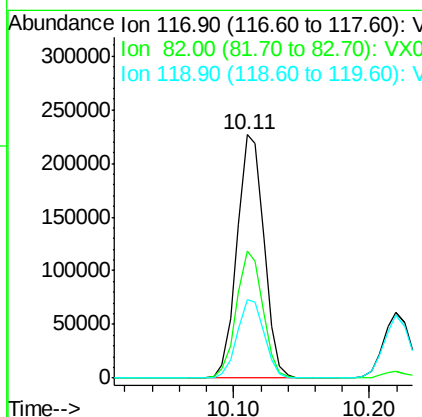
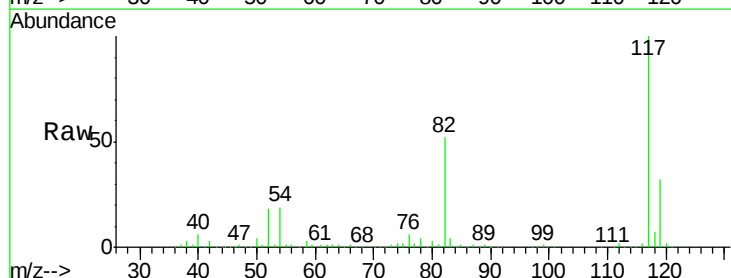
RT: 10.11 min Scan# 1469

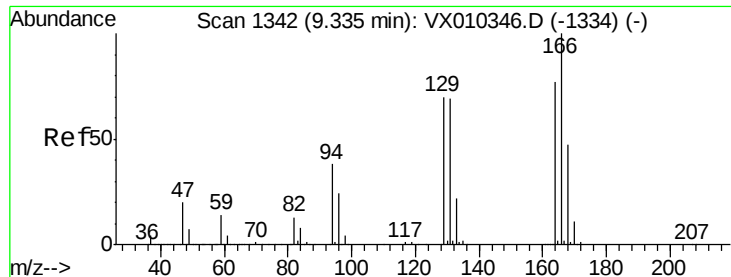
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion:	117	Resp:	312055
Ion Ratio	Lower	Upper	
117	100		
82	52.1	41.2	61.8
119	32.4	25.5	38.3





#64

Tetrachloroethene

Concen: 47.335 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:164 Resp: 119473

Ion Ratio Lower Upper

164 100

166 129.5 103.6 155.4

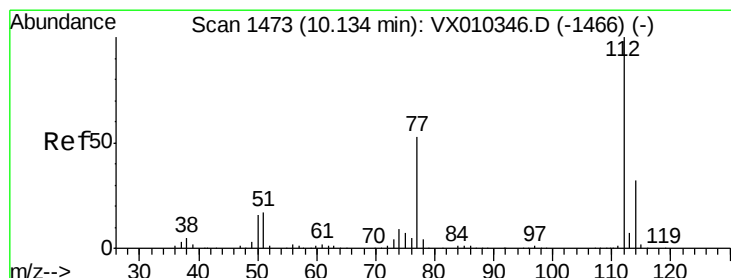
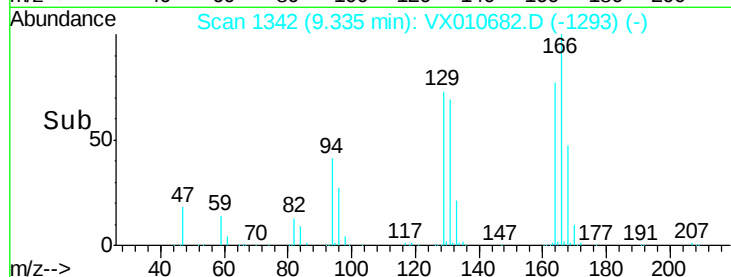
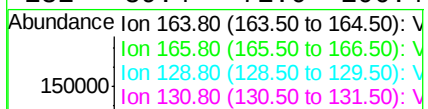
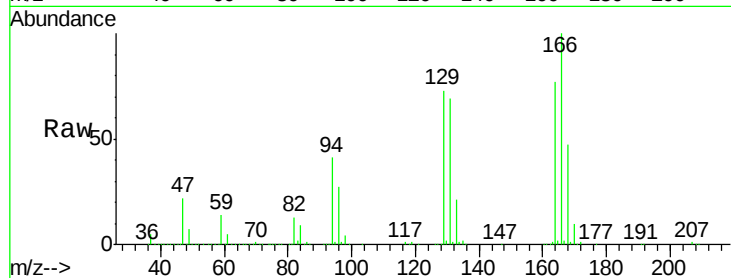
129 94.3 73.0 109.4

131 89.4 71.0 106.4

Manual Integrations
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#65

Chlorobenzene

Concen: 134.058 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010682.D

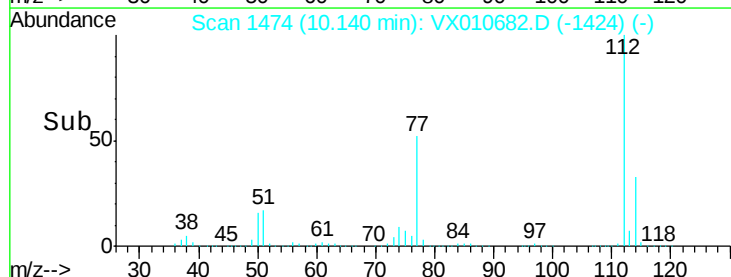
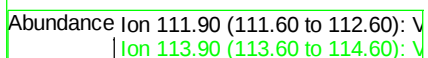
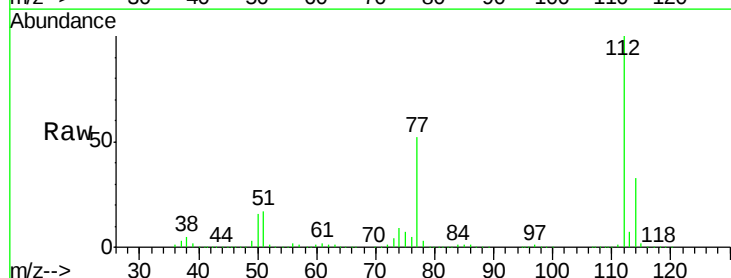
Acq: 04 Jul 2019 10:58

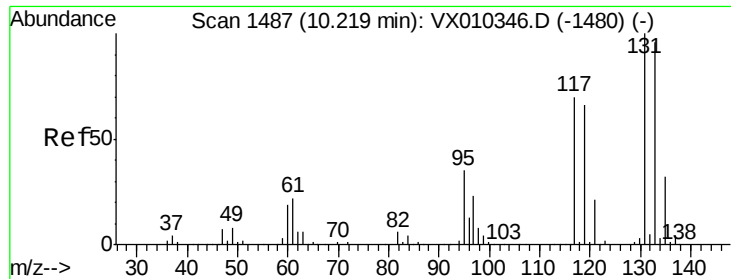
Tgt Ion:112 Resp: 849301

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 53.317 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

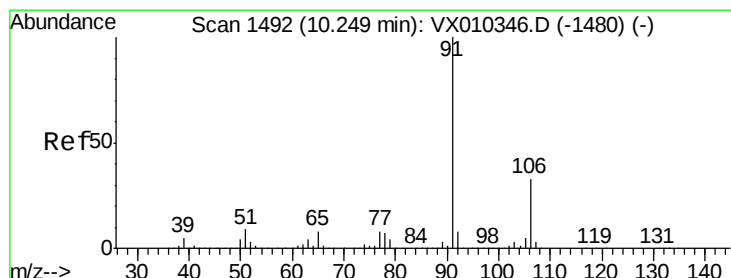
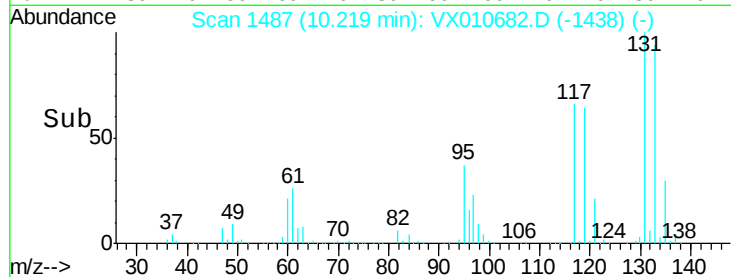
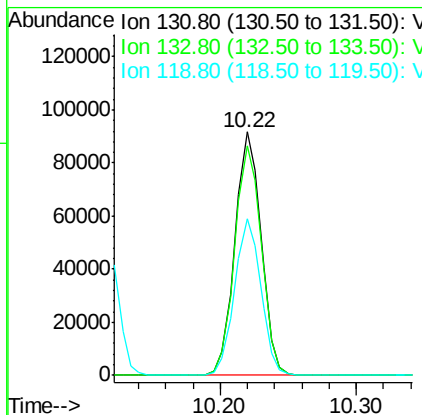
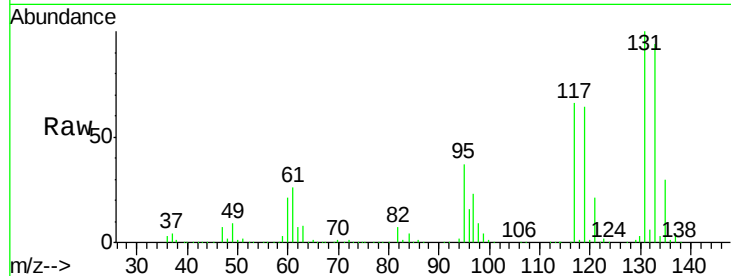
ClientSampleId :

SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.7	143.1
119	64.5	32.6	97.7

Manual Integrations
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#67

Ethyl Benzene

Concen: 53.573 ug/l

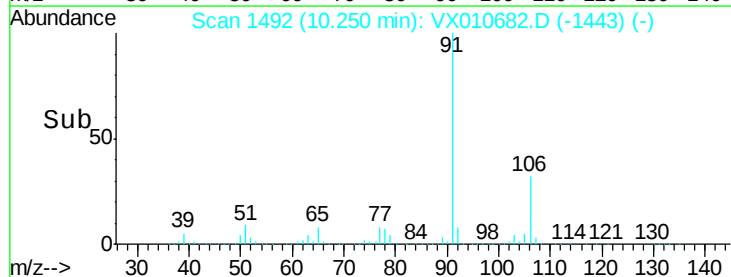
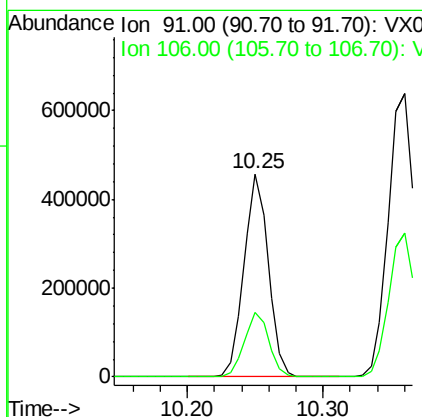
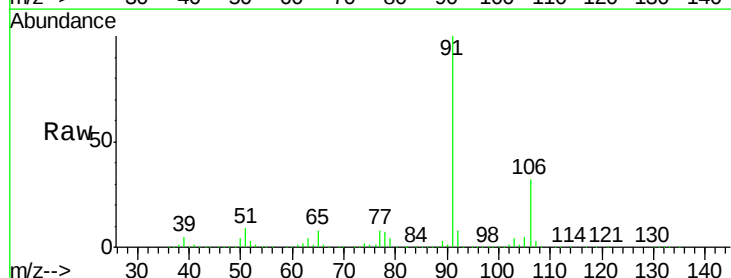
RT: 10.25 min Scan# 1492

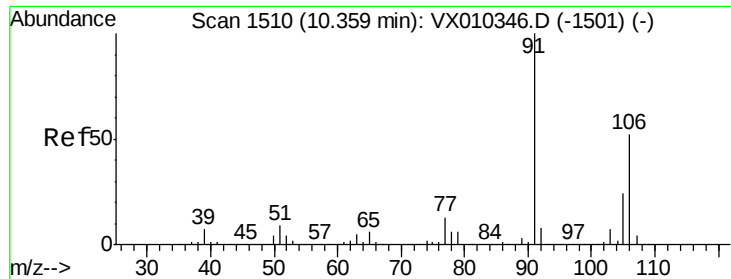
Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	26.2	39.2





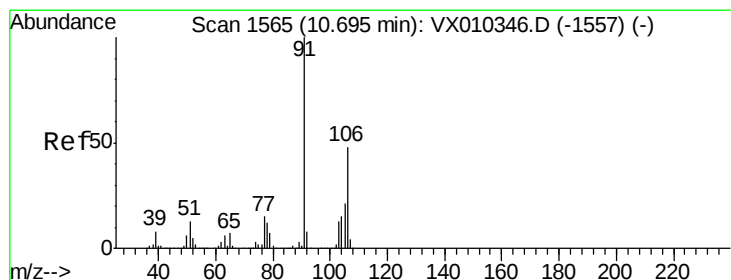
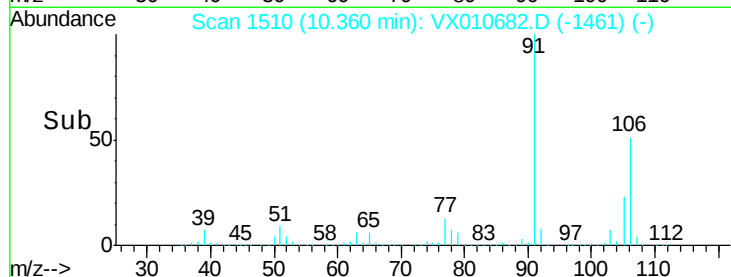
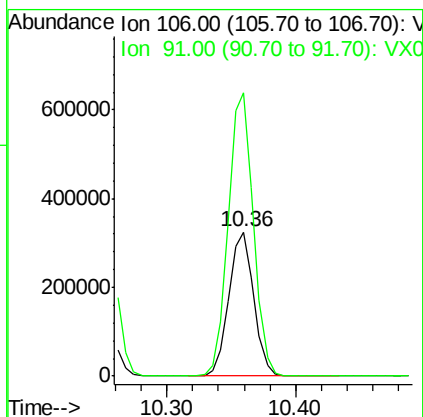
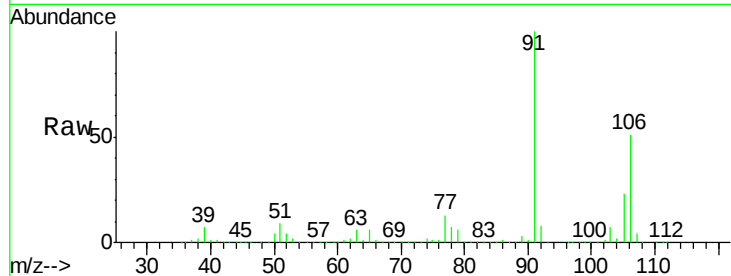
#68
m/p-Xylenes
Concen: 106.386 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		440883		
91	197.8	155.3	232.9		

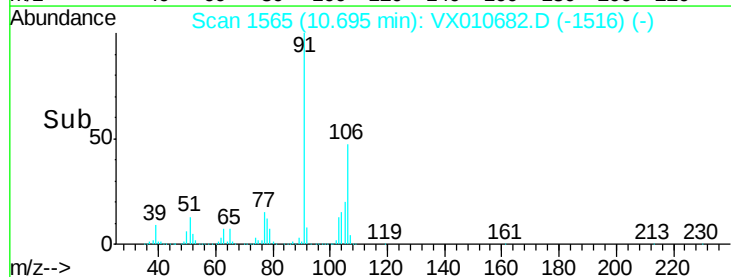
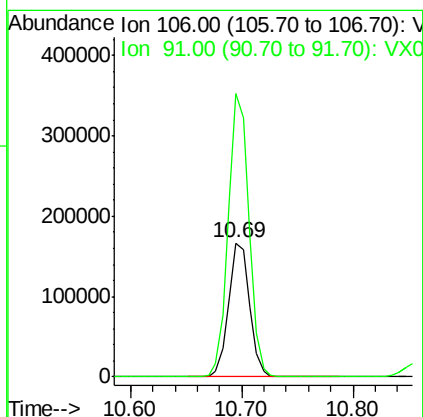
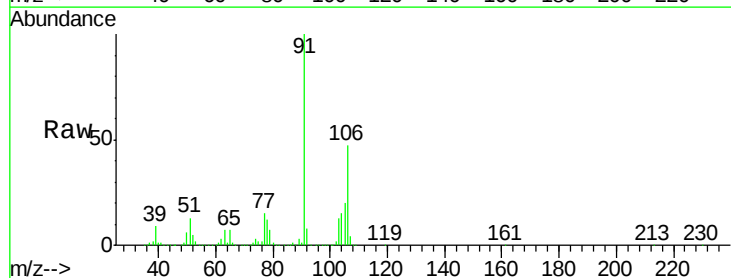
Manual Integrations
APPROVED

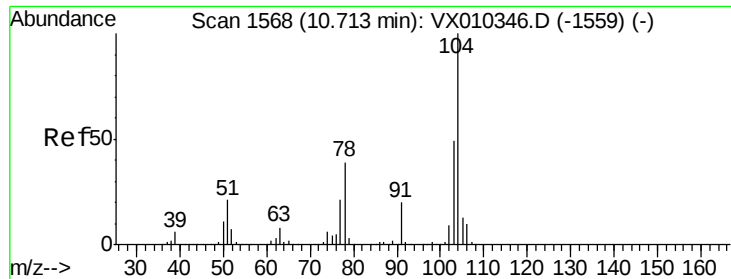
MMDadoda
7/8/2019 10:58:58 AM



#69
o-Xylene
Concen: 53.237 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		216965		
91	208.6	102.7	308.1		





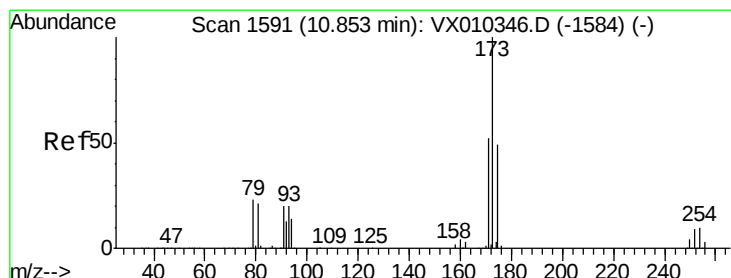
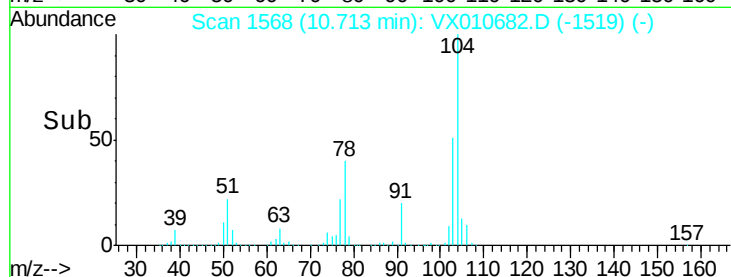
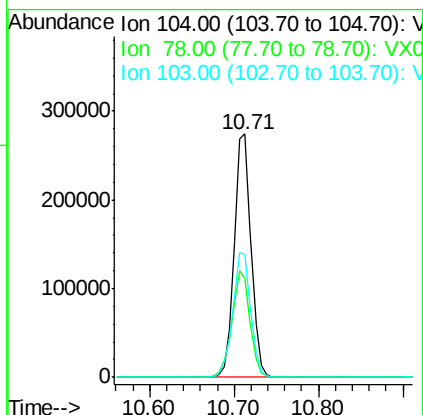
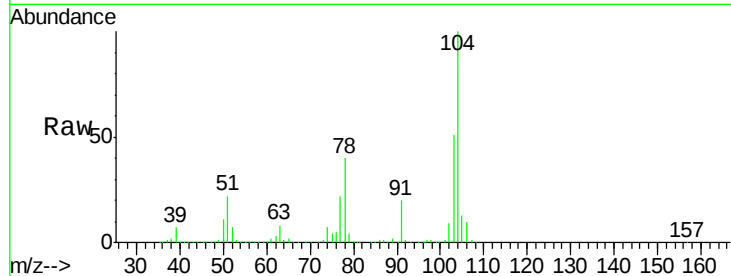
#70
Stvrene
Concen: 54.003 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	36.2	54.2
103	55.3	44.2	66.4

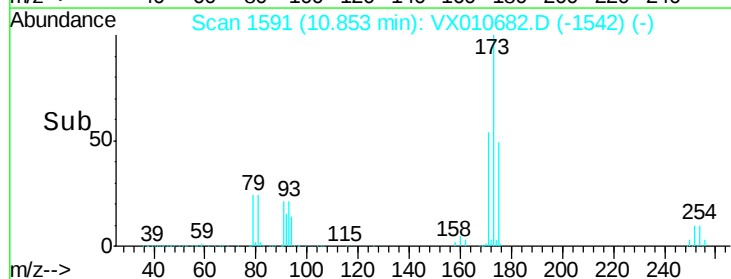
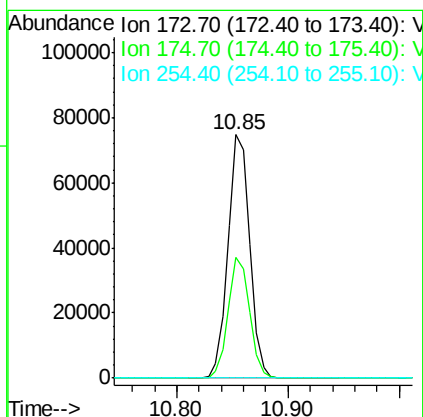
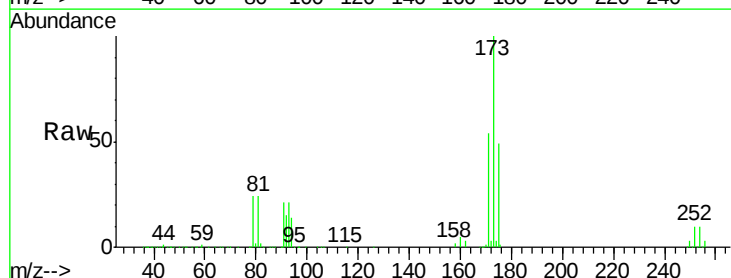
Manual Integrations
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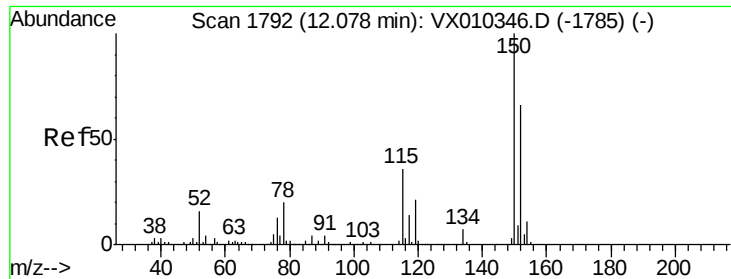
MMDadoda
7/8/2019 10:58:58 AM



#71
Bromoform
Concen: 50.247 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.2	0.2	0.2#





#72

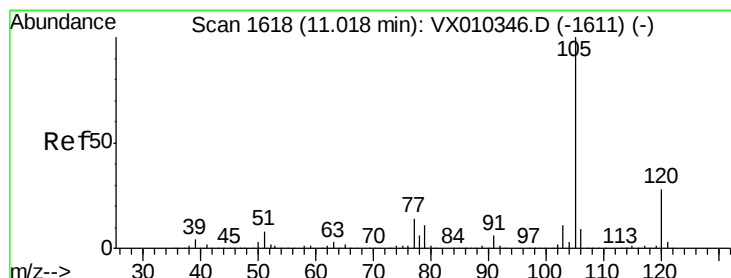
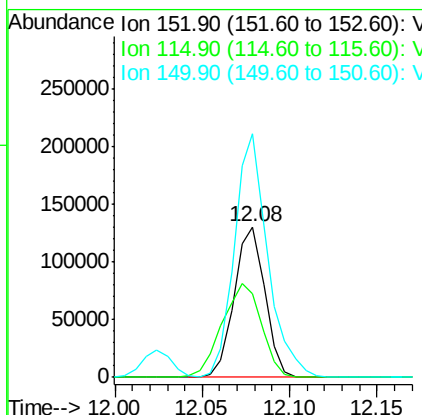
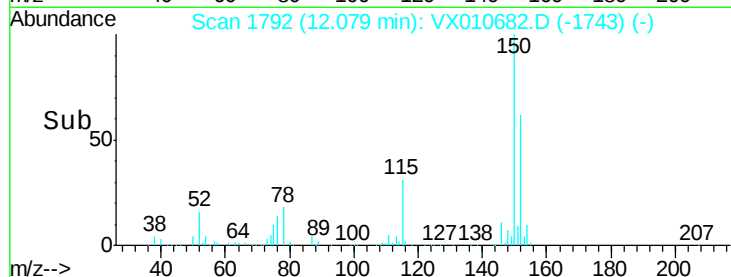
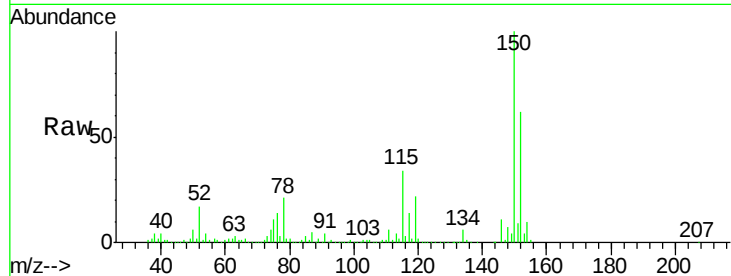
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	79.7	38.6	115.7
150	174.0	0.0	347.4

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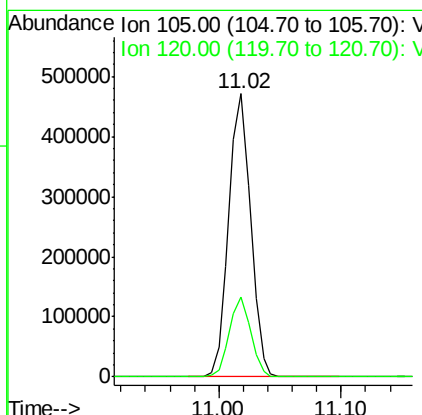
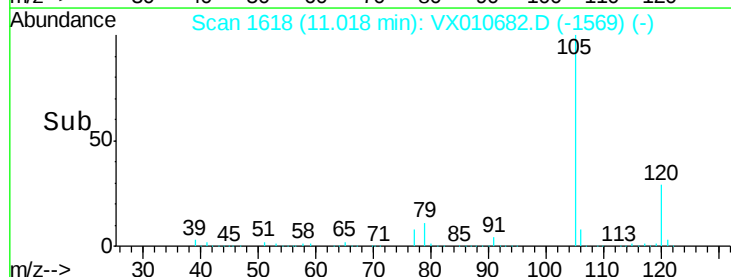
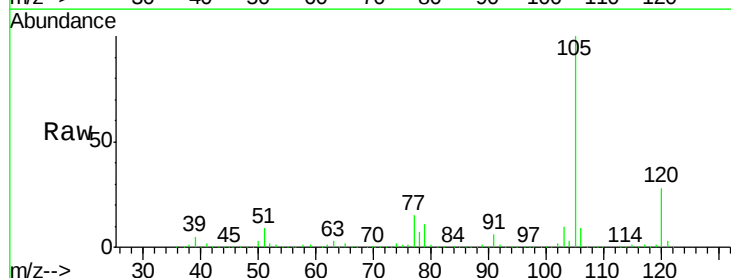
MMDadoda
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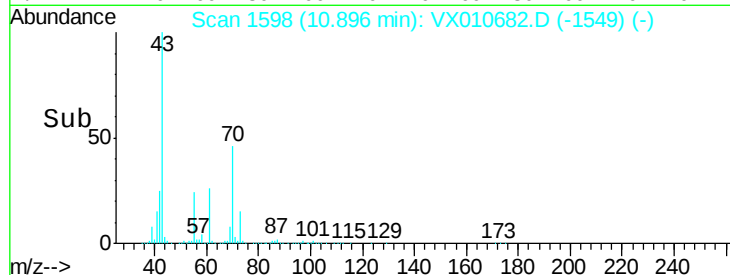
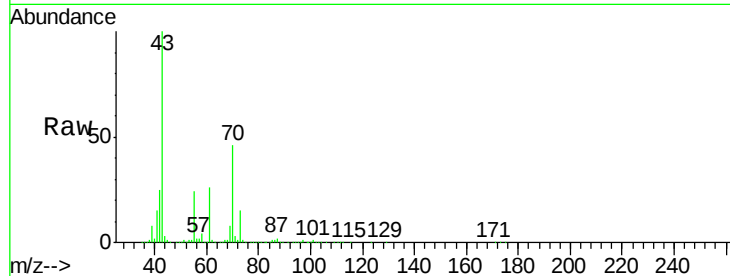
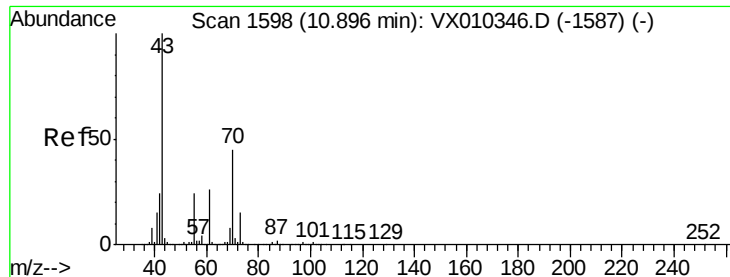


#73

Isopropylbenzene
Concen: 53.734 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	14.1	42.4





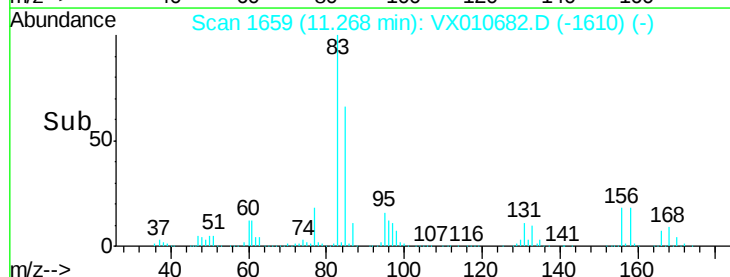
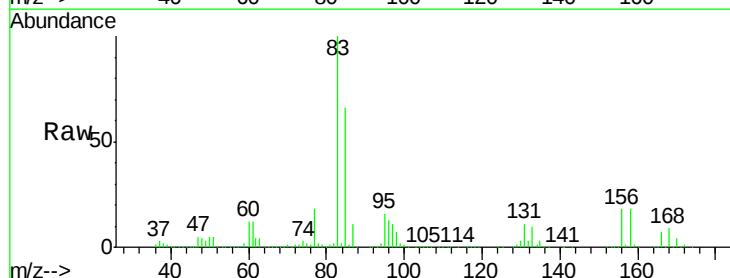
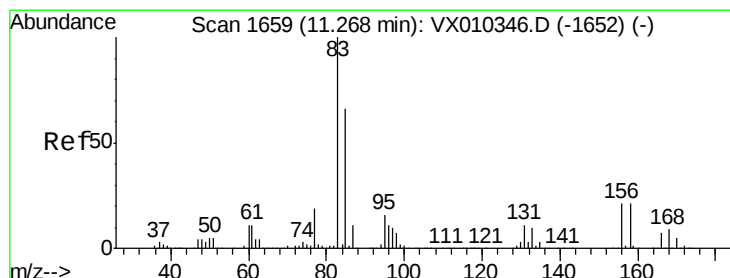
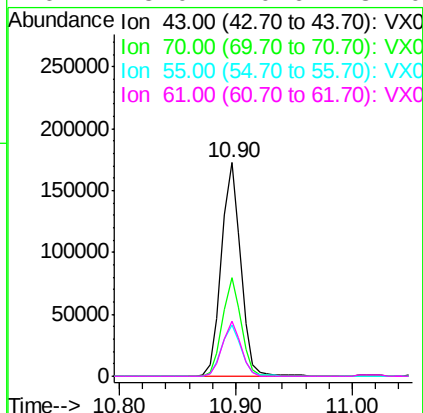
#74
N-amvl acetate
Concen: 47.986 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	196664		
70	70	45.2		36.6	54.8
55	55	24.6		18.7	28.1
61	61	25.0		20.6	31.0

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

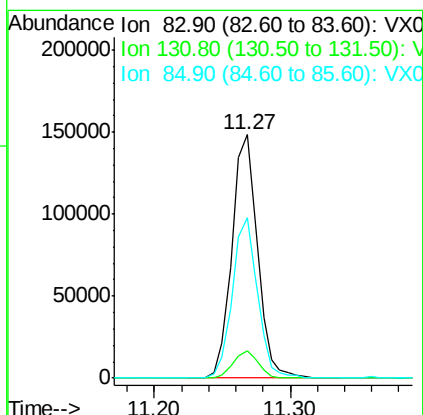
Manual Integrations
APPROVED

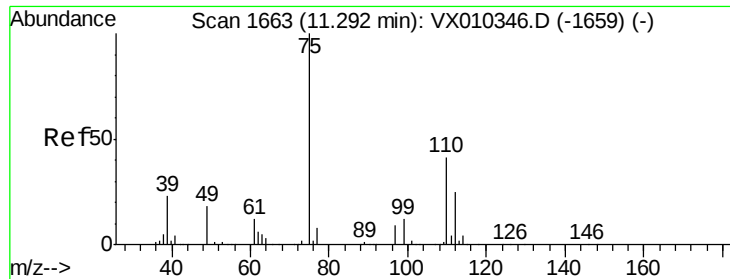
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#75
1,1,2,2-Tetrachloroethane
Concen: 54.181 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	194586		
131	131	10.9		5.5	16.4
85	85	65.0		32.3	96.8





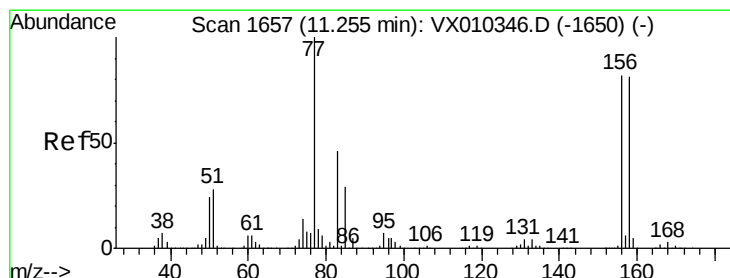
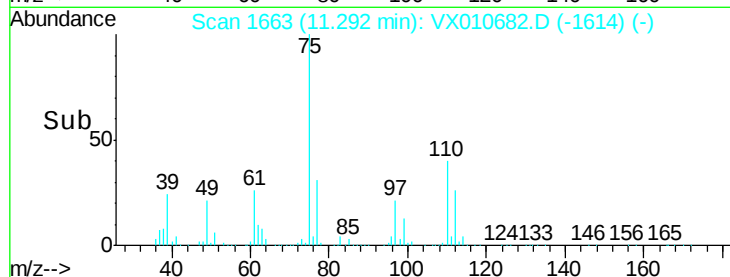
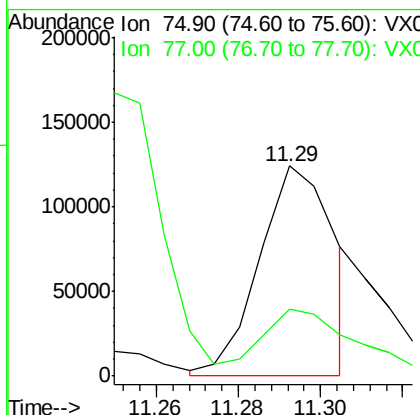
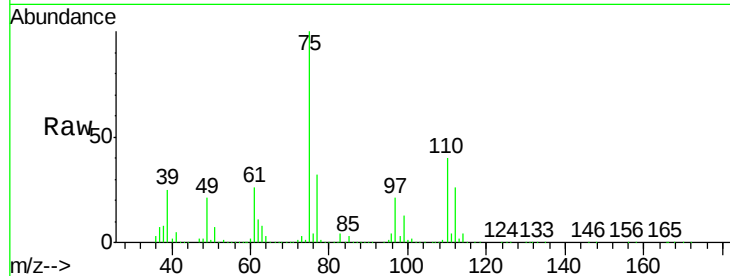
#76
1,2,3-Trichloropropane
Concen: 53.702 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 75 Resp: 156553
Ion Ratio Lower Upper
75 100
77 41.0 22.6 67.8

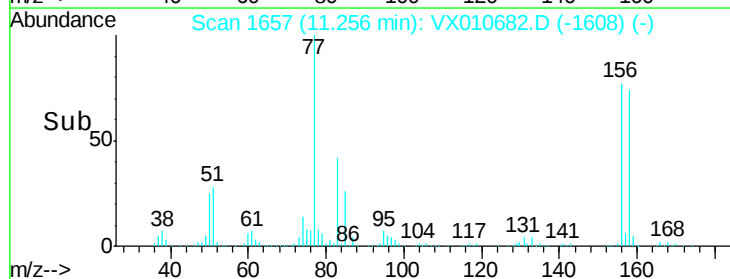
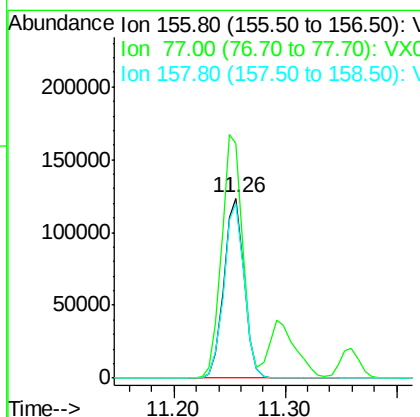
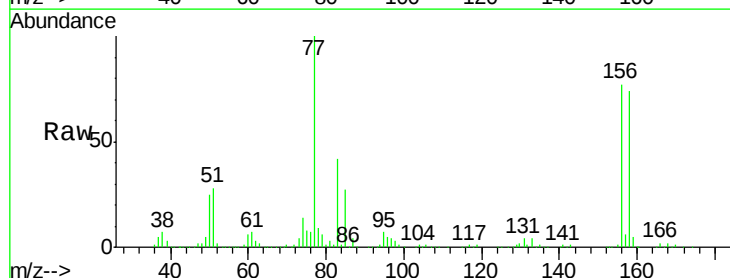
Manual Integrations
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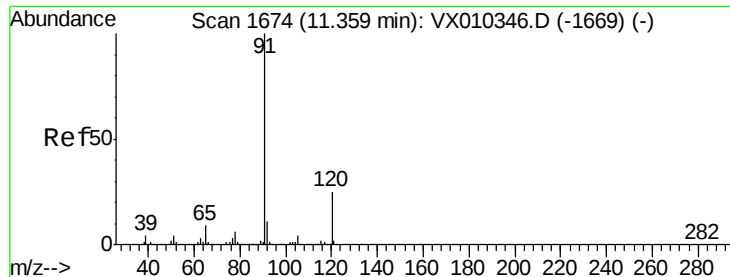
MMDadoda
7/8/2019 10:58:58 AM



#77
Bromobenzene
Concen: 51.147 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 156 Resp: 154879
Ion Ratio Lower Upper
156 100
77 140.2 66.3 198.7
158 97.8 48.9 146.7





#78

n-propylbenzene

Concen: 53.716 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion: 91 Resp: 640220

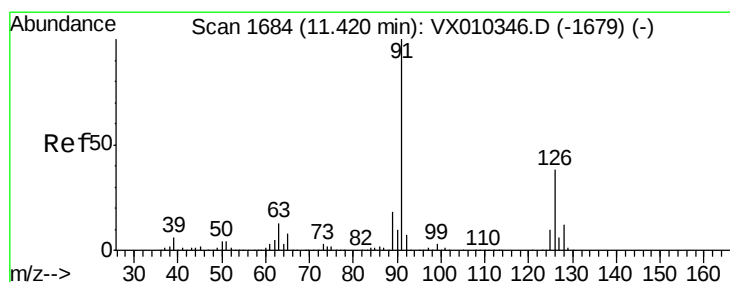
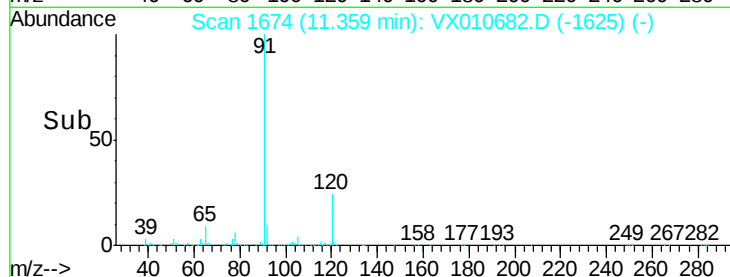
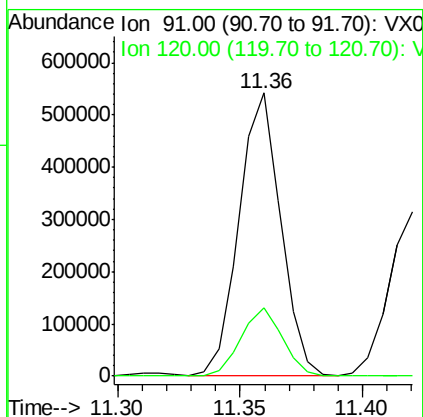
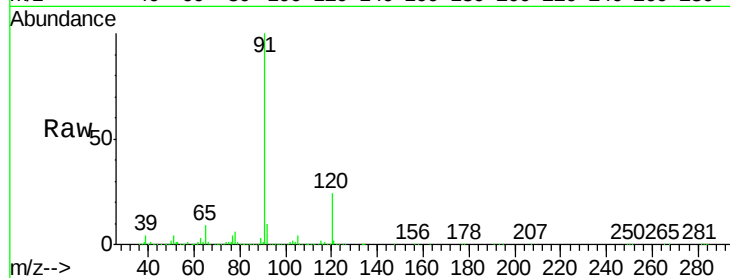
Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4

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7/8/2019 10:58:58 AM



#79

2-Chlorotoluene

Concen: 53.543 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010682.D

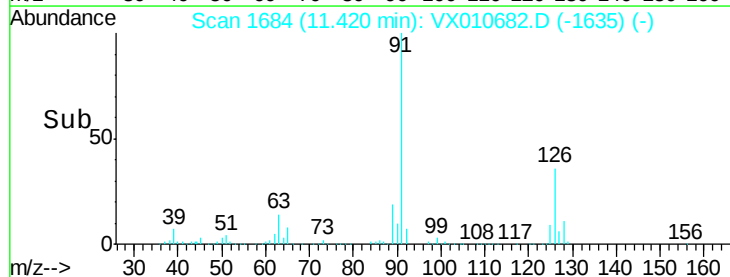
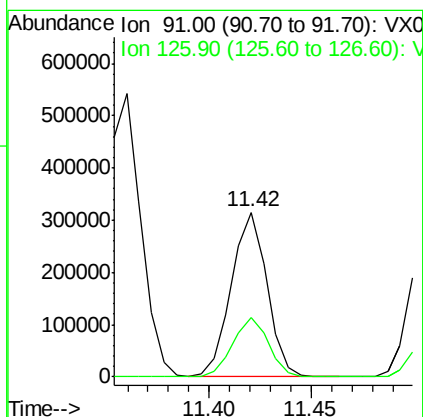
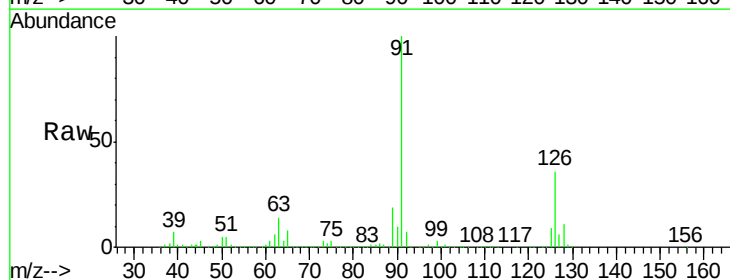
Acq: 04 Jul 2019 10:58

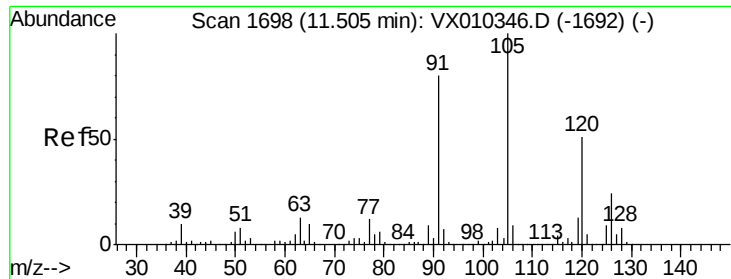
Tgt Ion: 91 Resp: 380007

Ion Ratio Lower Upper

91 100

126 36.5 18.7 56.1





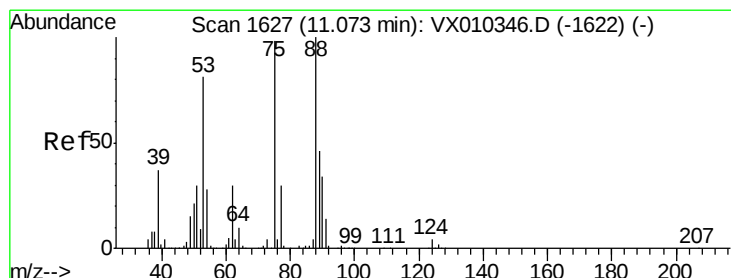
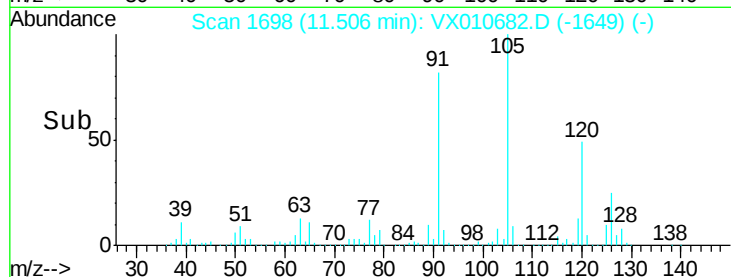
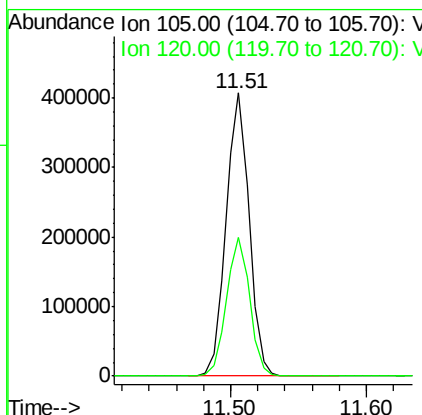
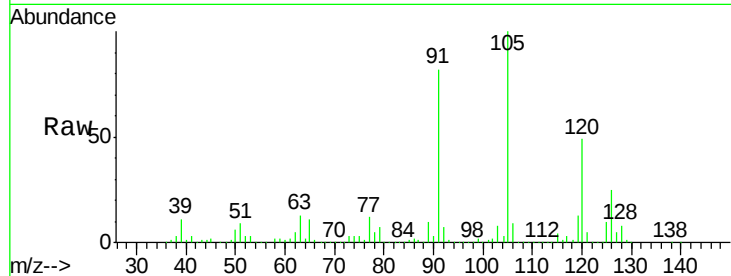
#80
 1,3,5-Trimethylbenzene
 Concen: 53.332 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion:105 Resp: 476786
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6

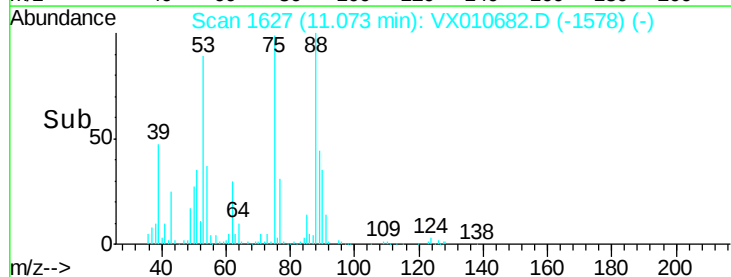
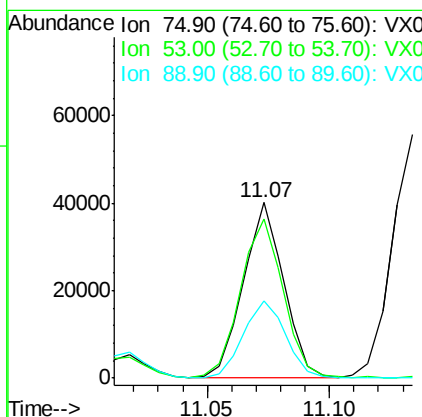
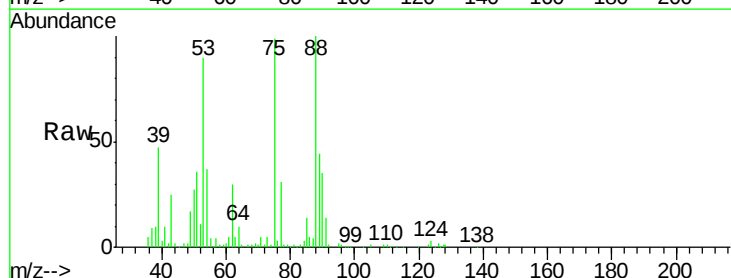
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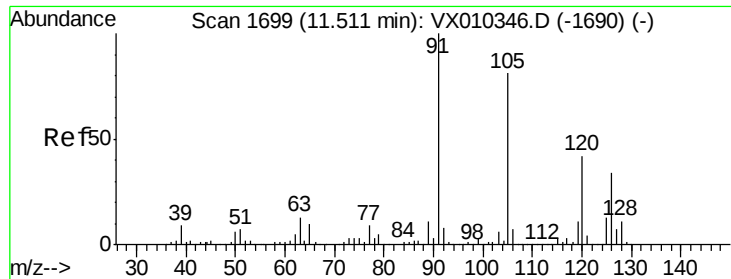
MMDadoda
 7/8/2019 10:58:58 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.689 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion: 75 Resp: 45847
 Ion Ratio Lower Upper
 75 100
 53 96.0 66.1 99.1
 89 46.9 37.8 56.6





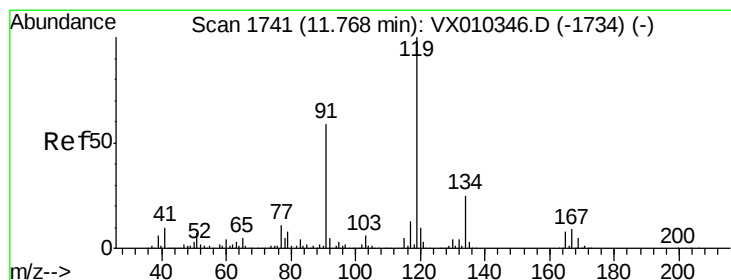
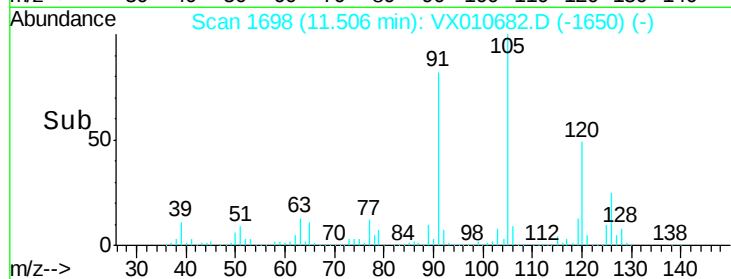
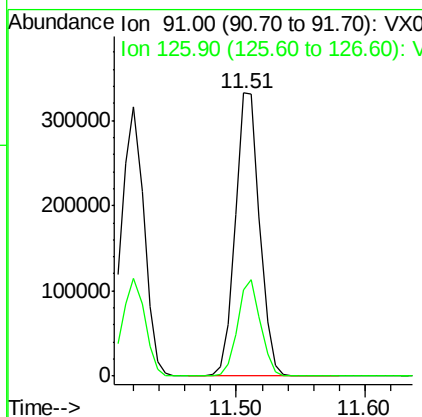
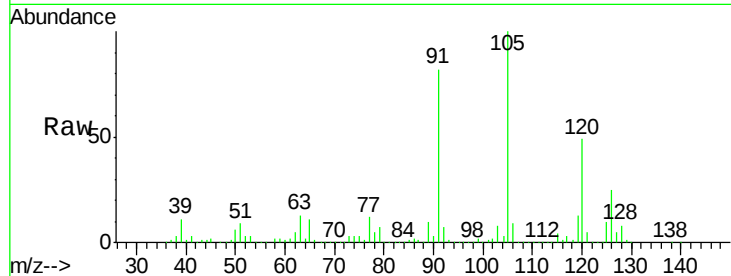
#82
4-Chlorotoluene
Concen: 53.937 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion: 91 Resp: 435591
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

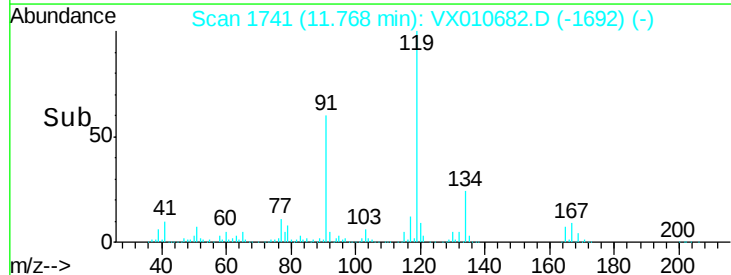
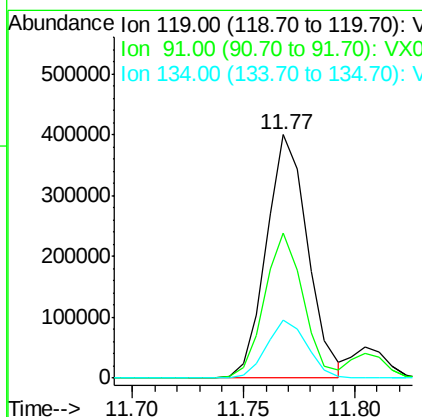
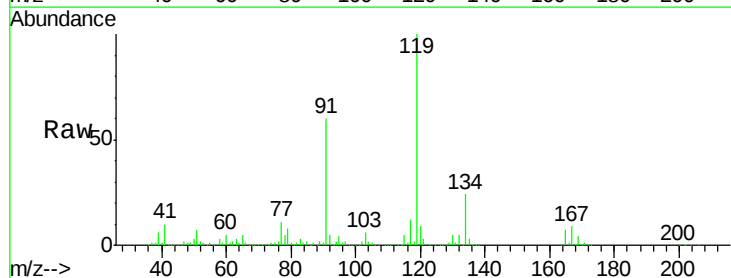
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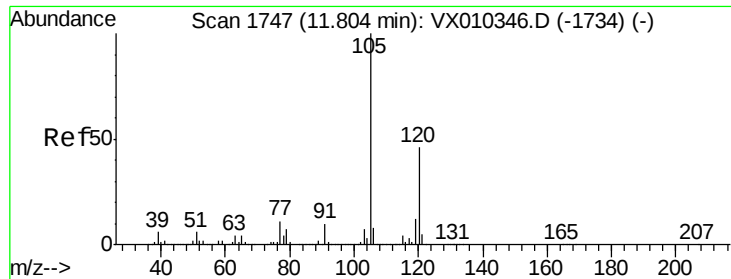
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#83
tert-Butylbenzene
Concen: 57.346 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion: 119 Resp: 514567
Ion Ratio Lower Upper
119 100
91 56.5 27.6 82.7
134 23.4 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 53.976 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MSD

Tot Ion:105 Resp: 484805

Ion Ratio Lower Upper

105 100

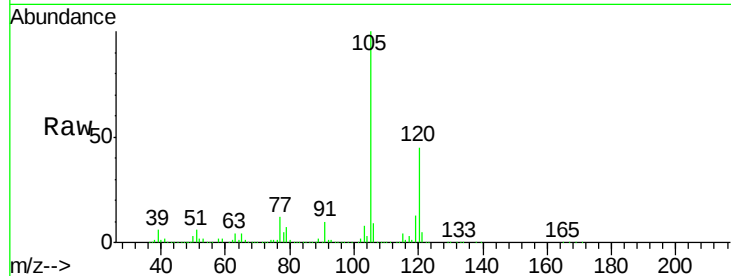
120 45.4 23.1 69.2

Manual Integrations

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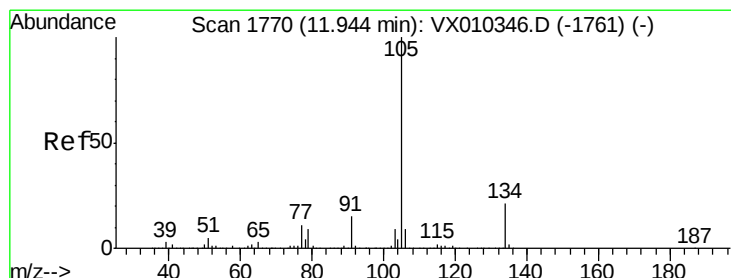
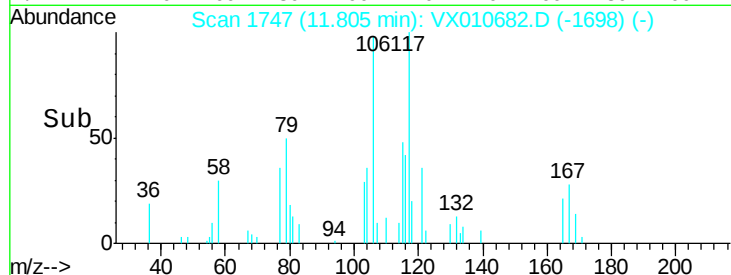
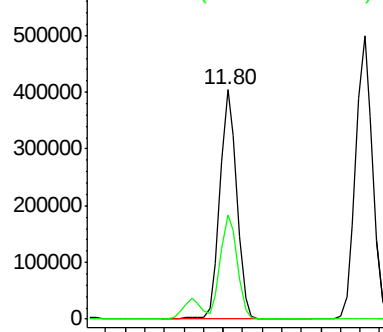
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 56.714 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010682.D

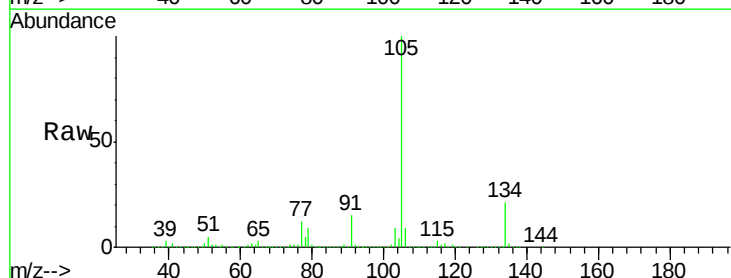
Acq: 04 Jul 2019 10:58

Tgt Ion:105 Resp: 597508

Ion Ratio Lower Upper

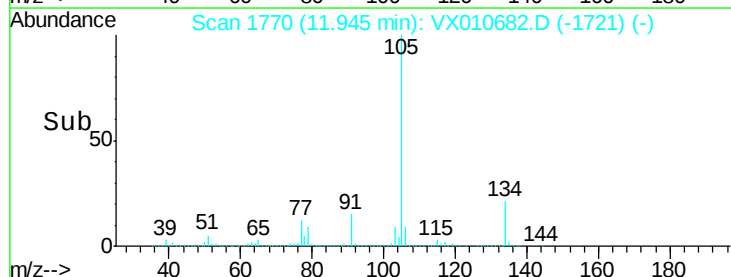
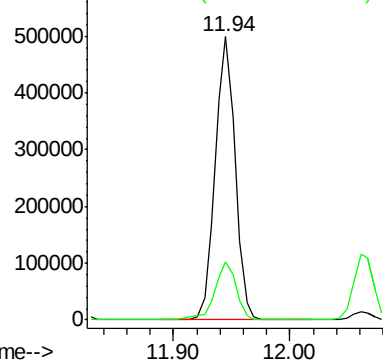
105 100

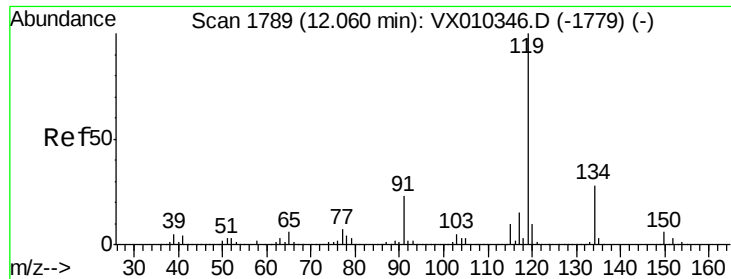
134 22.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





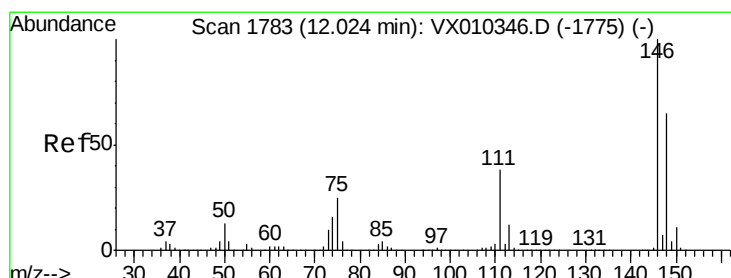
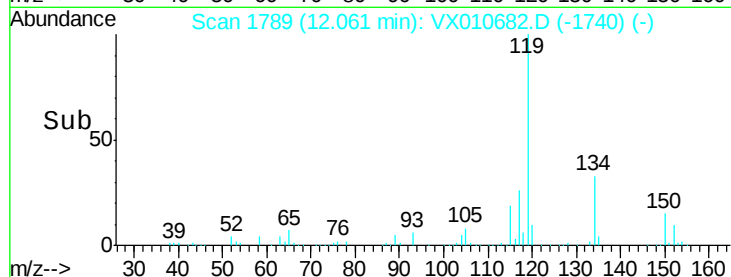
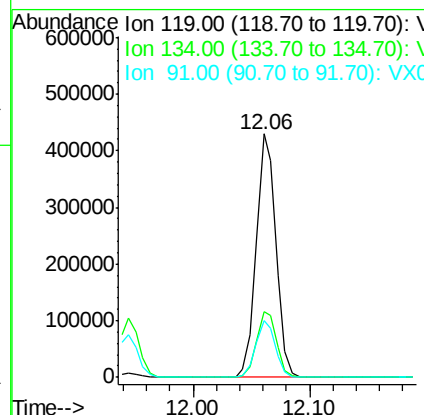
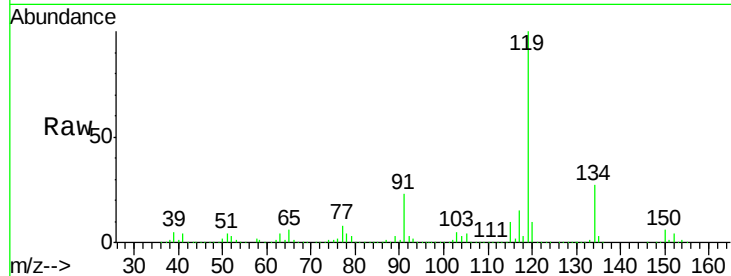
#86
p-Isopropyltoluene
Concen: 52.015 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	506882		
134	27.4	13.7	41.1	
91	23.3	11.3	33.8	

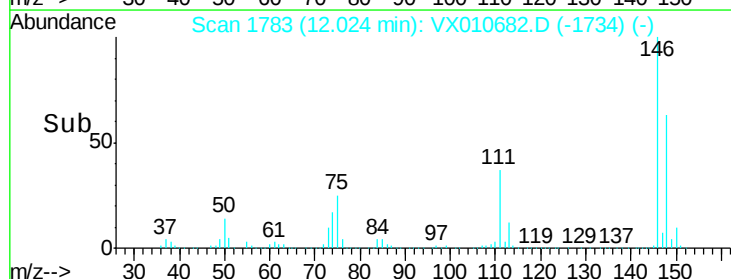
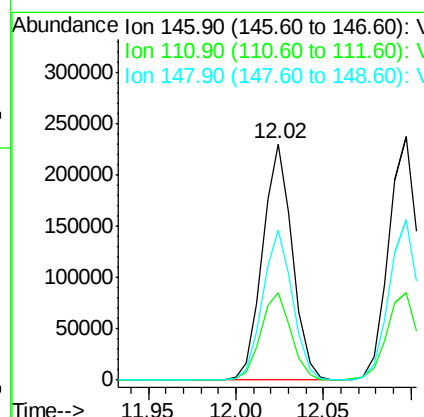
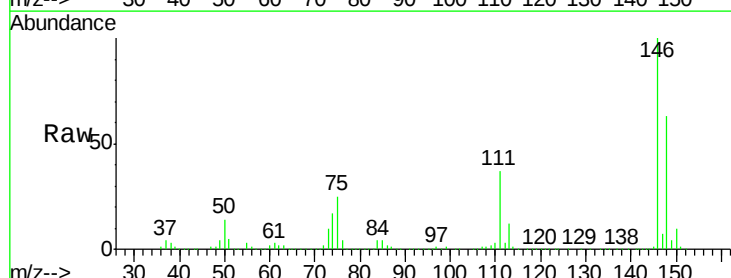
Manual Integrations
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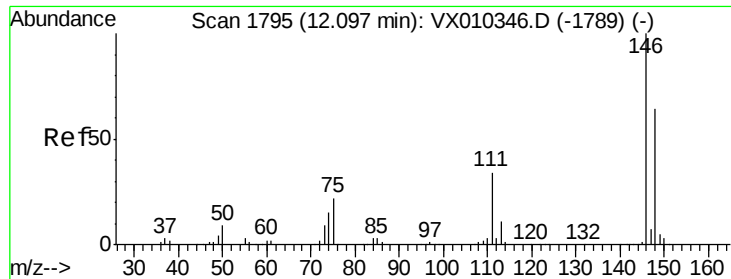
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 52.045 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275097		
111	37.5	19.1	57.1	
148	63.7	32.5	97.4	





#88

1,4-Dichlorobenzene

Concen: 51.681 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

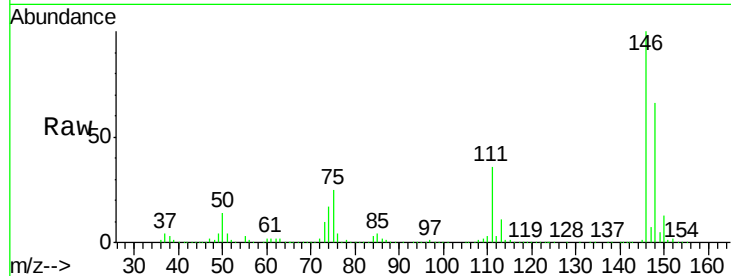
ClientSampleId :

SS038RW151-190702MSD

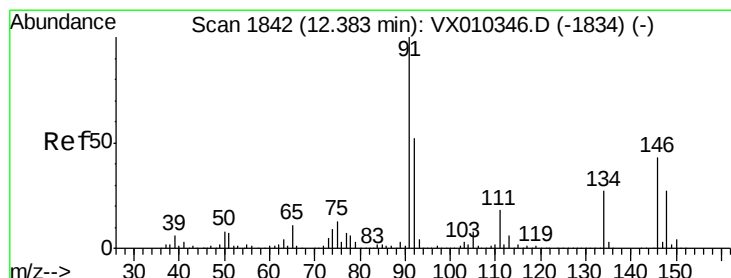
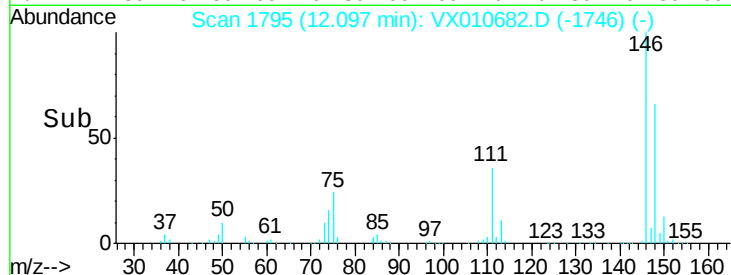
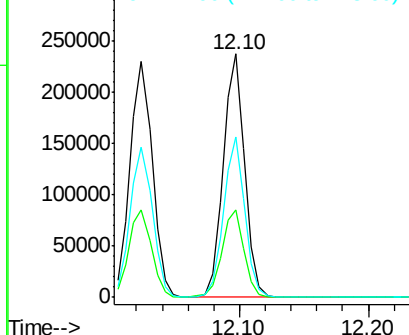
Tot Ion:	146	Resp:	278103
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.1	54.3
148	65.4	32.1	96.3

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 51.906 ug/l

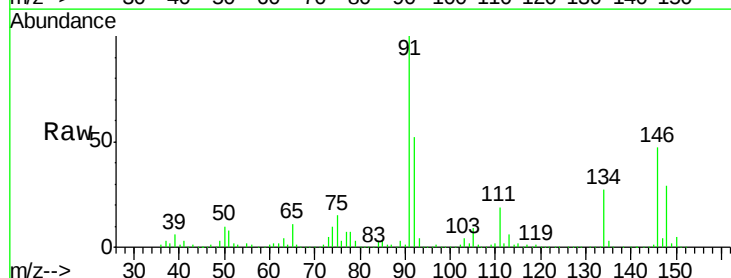
RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

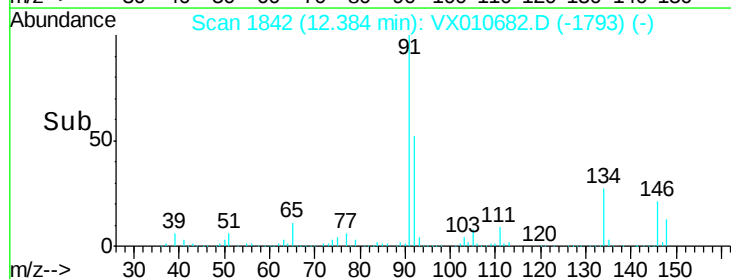
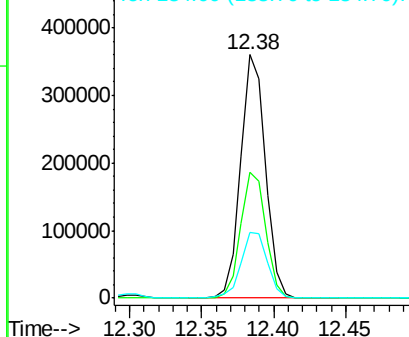
Lab File: VX010682.D

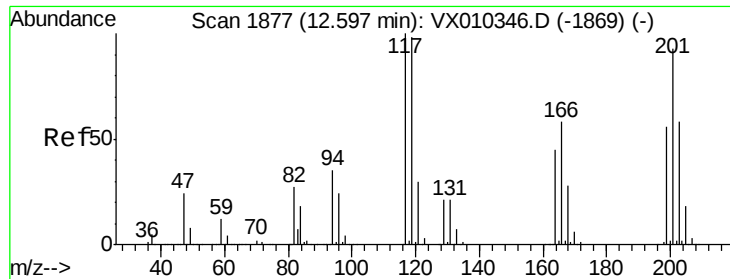
Acq: 04 Jul 2019 10:58

Tgt Ion:	91	Resp:	429827
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.2	78.5
134	28.8	14.1	42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





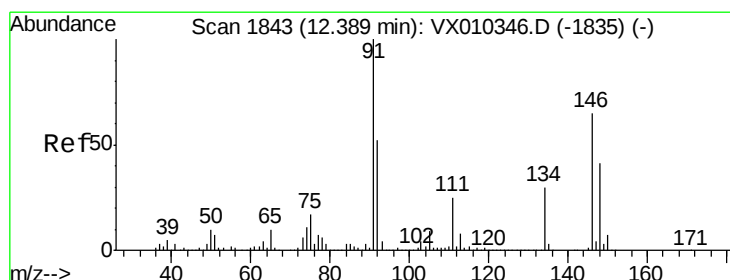
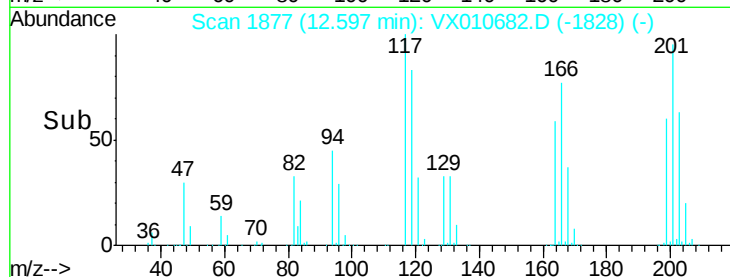
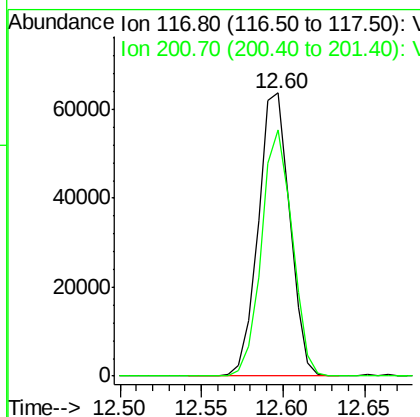
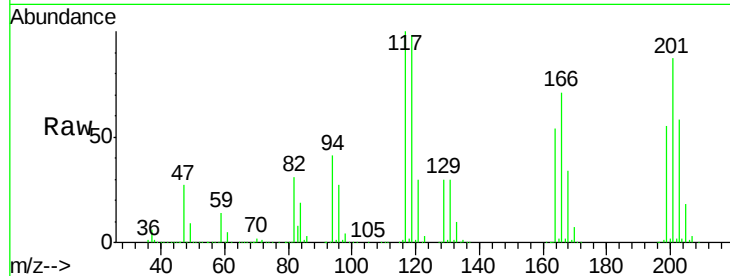
#90
Hexachloroethane
Concen: 51.002 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	85941		
201	84.5	44.0	131.8	

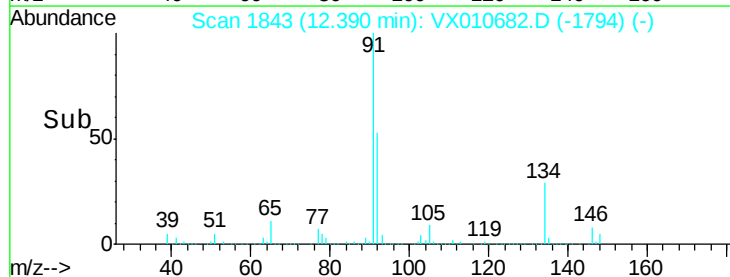
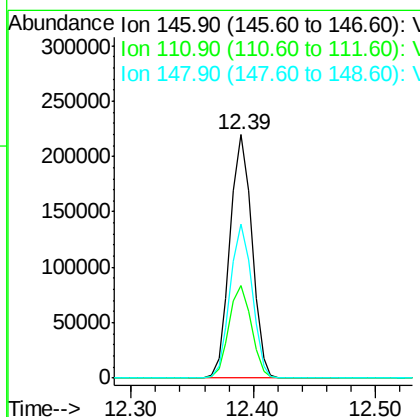
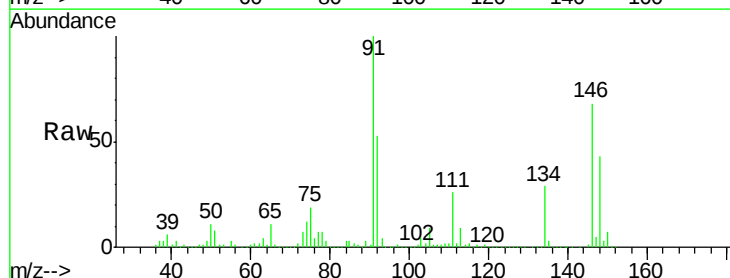
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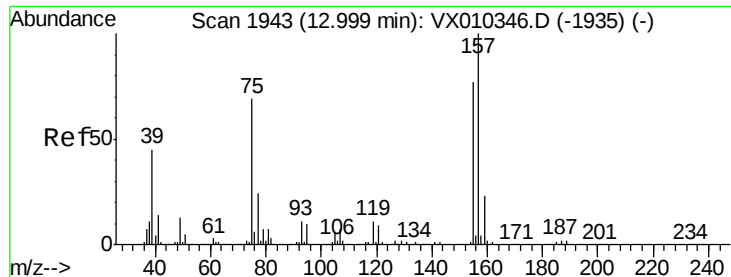
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#91
1,2-Dichlorobenzene
Concen: 51.808 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010682.D
Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272167		
111	38.8	19.2	57.6	
148	63.3	32.0	96.0	





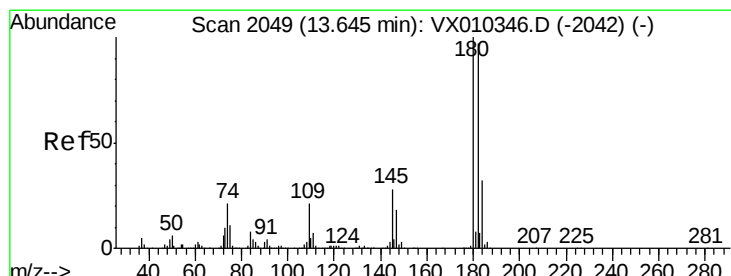
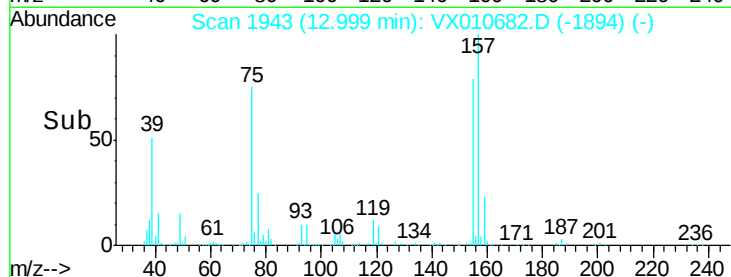
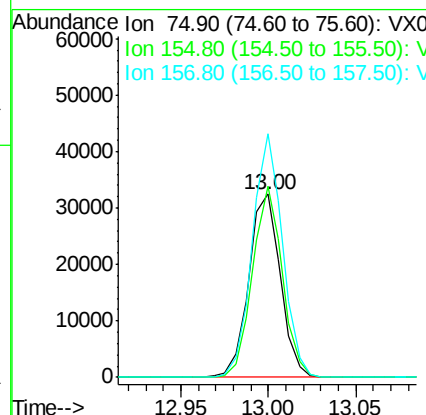
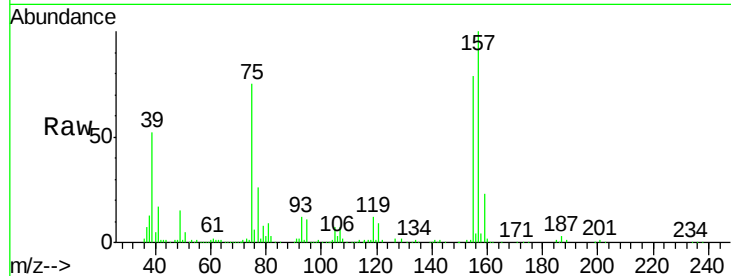
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.500 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.3	54.4	163.1
157	126.7	69.5	208.3

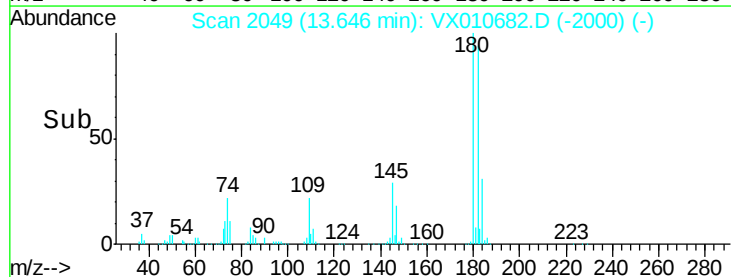
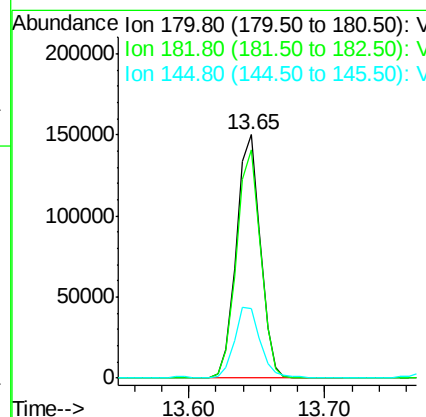
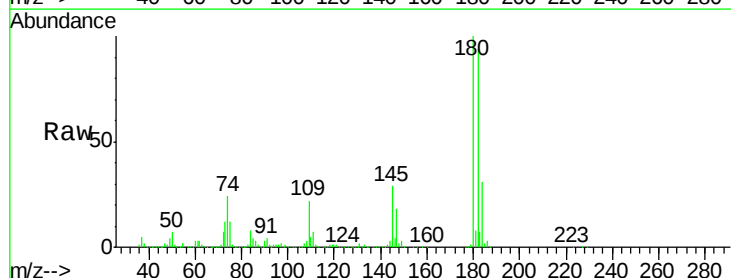
Manual Integrations
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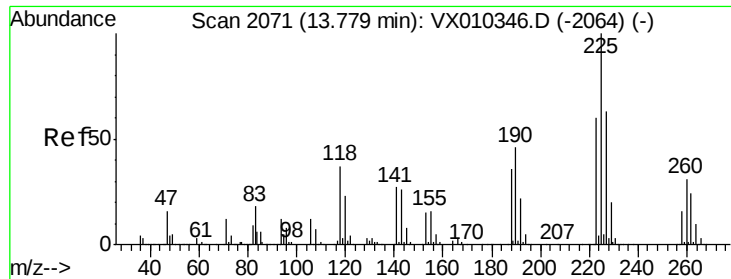
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.604 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.0
145	31.3	14.4	43.4





#94

Hexachlorobutadiene

Concen: 49.174 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010682.D

Acq: 04 Jul 2019 10:58

Instrument :

MSVOA_X

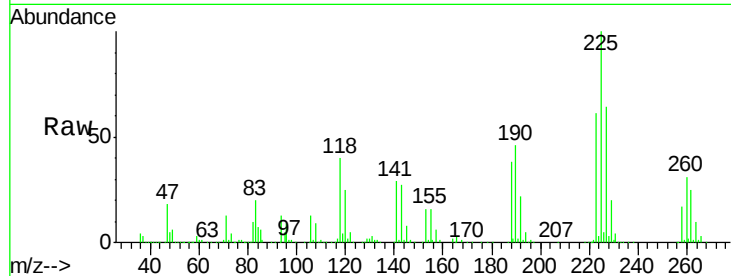
ClientSampleId :

SS038RW151-190702MSD

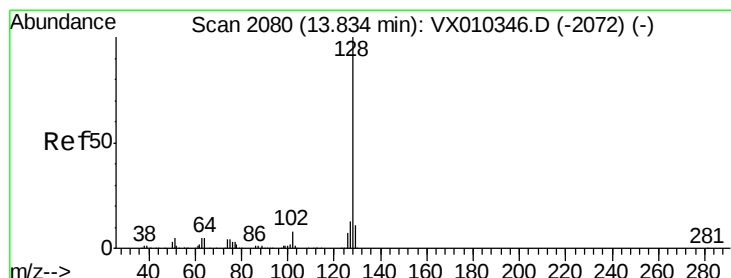
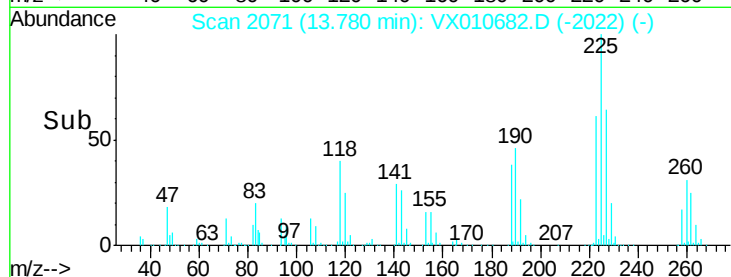
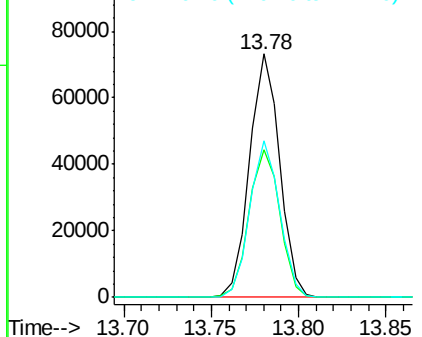
Tot Ion:	225	Resp:	87556
Ion Ratio		Lower	Upper
225	100		
223	62.3	30.9	92.7
227	63.7	31.9	95.5

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



#95

Naphthalene

Concen: 52.515 ug/l

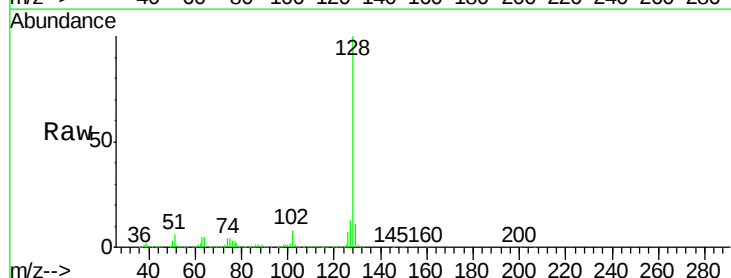
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

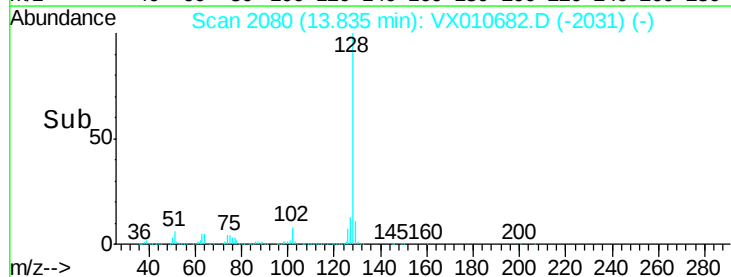
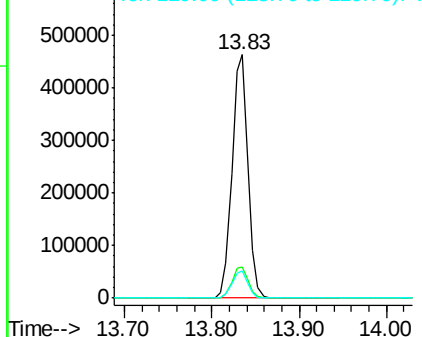
Lab File: VX010682.D

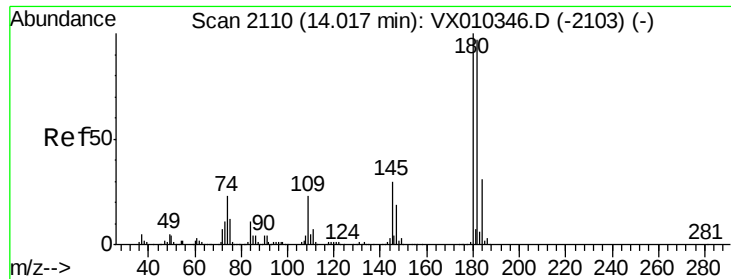
Acq: 04 Jul 2019 10:58

Tgt Ion:	128	Resp:	587931
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.892 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010682.D
 Acq: 04 Jul 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	47.8	143.3
145	32.8	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:58 AM

