

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062019\
 Data File : VX010368.D
 Acq On : 20 Jun 2019 19:32
 Operator : JC/SP
 Sample : K3469-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:35:31 AM

Quant Time: Jun 21 02:28:01 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	284319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135726	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	134361	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	508568	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	181217	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94176	47.644	ug/l	99
3) Chloromethane	1.32	50	104172	45.258	ug/l	100
4) Vinyl Chloride	1.41	62	121363	48.140	ug/l	99
5) Bromomethane	1.64	94	43275	35.234	ug/l	97
6) Chloroethane	1.71	64	75915	51.039	ug/l	99
7) Trichlorofluoromethane	1.93	101	204141	51.080	ug/l	99
8) Diethyl Ether	2.19	74	73538	51.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117773	48.629	ug/l	100
10) Methyl Iodide	2.51	142	98263	28.430	ug/l	99
11) Tert butyl alcohol	3.05	59	168756	241.928	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124954	50.703	ug/l	99
13) Acrolein	2.29	56	89463	193.335	ug/l	98
14) Allyl chloride	2.73	41	182197	52.075	ug/l	100
15) Acrylonitrile	3.14	53	361400	261.683	ug/l	99
16) Acetone	2.45	43	292290	218.779	ug/l	97
17) Carbon Disulfide	2.57	76	331309	50.110	ug/l	99
18) Methyl Acetate	2.78	43	130324	48.944	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	408860	52.737	ug/l	100
20) Methylene Chloride	2.85	84	140492	51.099	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	134515	50.751	ug/l	96
22) Diisopropyl ether	3.86	45	376680	51.493	ug/l #	87
23) Vinyl Acetate	3.82	43	1624810	257.112	ug/l	100
24) 1,1-Dichloroethane	3.70	63	218607	51.700	ug/l	98
25) 2-Butanone	4.67	43	491450	250.772	ug/l	97
26) 2,2-Dichloropropane	4.59	77	173260	47.169	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158604	51.783	ug/l	99
28) Bromochloromethane	5.01	49	96851	47.906	ug/l	100
29) Tetrahydrofuran	5.13	42	322580	265.742	ug/l	100
30) Chloroform	5.21	83	233124	51.241	ug/l	99
31) Cyclohexane	5.58	56	194620	50.543	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	209611	52.178	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168813	48.734	ug/l	99
37) Ethyl Acetate	4.84	43	179370	50.334	ug/l	100
38) Carbon Tetrachloride	5.79	117	190087	50.676	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217377	47.740	ug/l	99
40) Benzene	6.14	78	547760	50.756	ug/l	100
41) Methacrylonitrile	5.04	41	100735	51.519	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169582	51.622	ug/l	99
43) Isopropyl Acetate	6.45	43	300094	50.898	ug/l	100
44) Trichloroethene	7.21	130	160288	49.636	ug/l	99
45) 1,2-Dichloropropane	7.51	63	136430	50.061	ug/l	99
46) Dibromomethane	7.66	93	99810	51.045	ug/l	99
47) Bromodichloromethane	7.90	83	184927	51.607	ug/l	99
48) Methyl methacrylate	7.77	41	144769	52.825	ug/l	100
49) 1,4-Dioxane	7.74	88	82784	1048.598	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	973656	258.208	ug/l	100
52) Toluene	8.79	92	357065	50.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203923	50.759	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	223984	51.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149547	51.022	ug/l	99
56) Ethyl methacrylate	9.18	69	229047	51.586	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231882	50.965	ug/l	100
59) 2-Hexanone	9.49	43	743015	250.361	ug/l	100
60) Dibromochloromethane	9.58	129	171708	52.321	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164769	52.081	ug/l	99
64) Tetrachloroethene	9.34	164	142597	45.142	ug/l	98
65) Chlorobenzene	10.13	112	400140	50.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154935	53.645	ug/l	99
67) Ethyl Benzene	10.25	91	679470	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	524271	101.081	ug/l	100
69) o-Xylene	10.69	106	258044	50.591	ug/l	99
70) Styrene	10.71	104	438506	51.264	ug/l	100
71) Bromoform	10.85	173	136405	54.310	ug/l	99
73) Isopropylbenzene	11.02	105	675164	50.661	ug/l	99
74) N-amyl acetate	10.90	43	260687	51.758	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229499	51.998	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186598m	52.084	ug/l	
77) Bromobenzene	11.26	156	186242	50.047	ug/l	99
78) n-propylbenzene	11.36	91	749932	51.200	ug/l	100
79) 2-Chlorotoluene	11.42	91	439965	50.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	561688	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76076	49.539	ug/l	98
82) 4-Chlorotoluene	11.51	91	505403	50.924	ug/l	98
83) tert-Butylbenzene	11.77	119	583241	52.891	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	572063	51.826	ug/l	99
85) sec-Butylbenzene	11.94	105	664053	51.289	ug/l	100
86) p-Isopropyltoluene	12.06	119	614362	51.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323953	49.871	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322565	48.777	ug/l	100
89) n-Butylbenzene	12.38	91	528374	51.921	ug/l	99
90) Hexachloroethane	12.60	117	111402	53.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	319562	49.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48520	50.988	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	225370	50.338	ug/l	99

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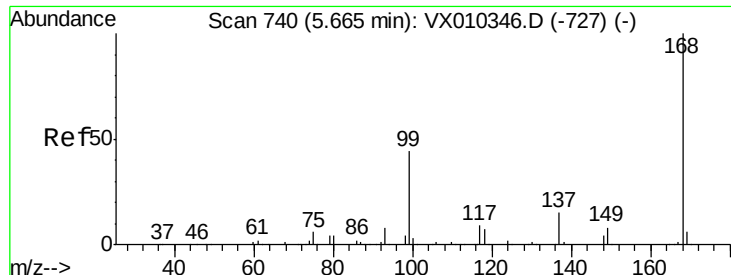
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	104754	47.874	ug/l	99
95) Naphthalene	13.83	128	754024	54.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227386	51.081	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: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:168 Resp: 284319

Ion Ratio Lower Upper

168 100

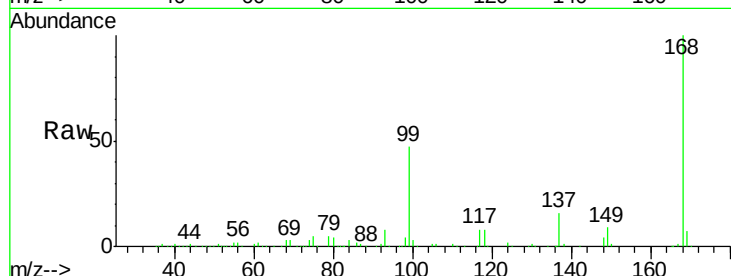
99 46.6 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

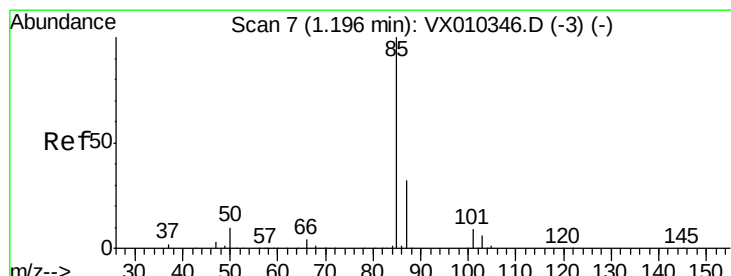
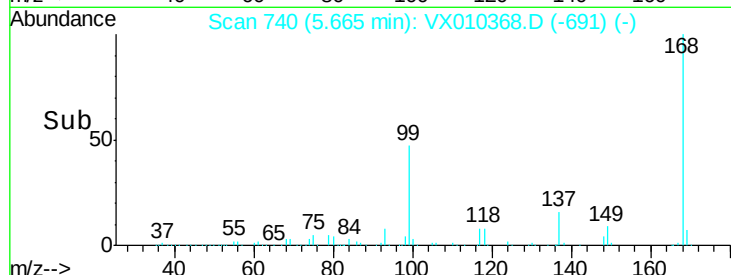
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.644 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010368.D

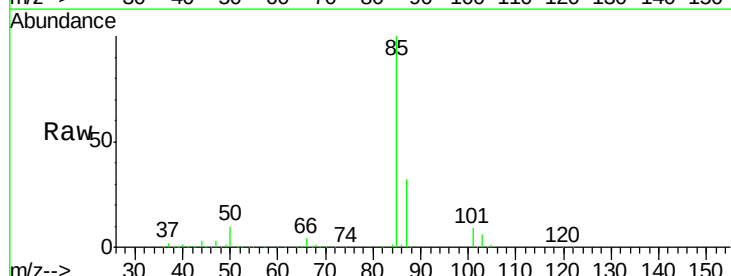
Acq: 20 Jun 2019 19:32

Tgt Ion: 85 Resp: 94176

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

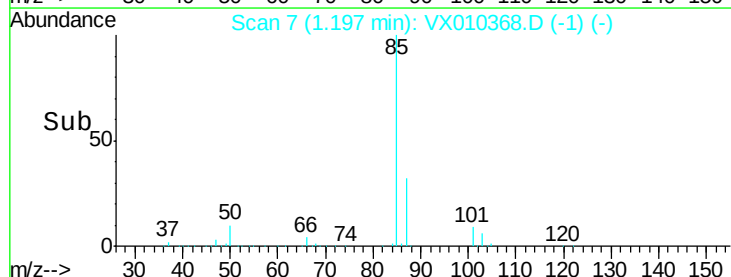
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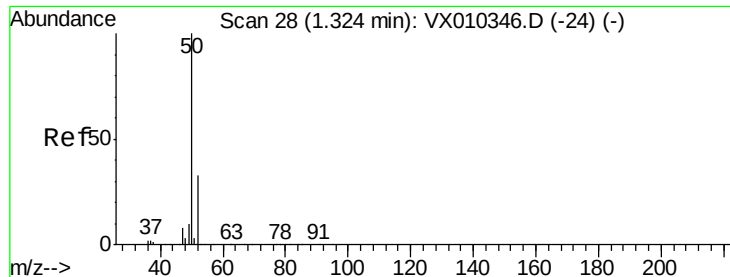
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20000

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Time-->





#3

Chloromethane

Concen: 45.258 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 50 Resp: 104172

Ion Ratio Lower Upper

50 100

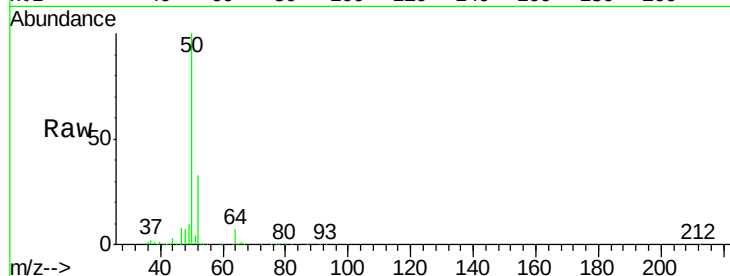
52 32.9 26.5 39.7

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

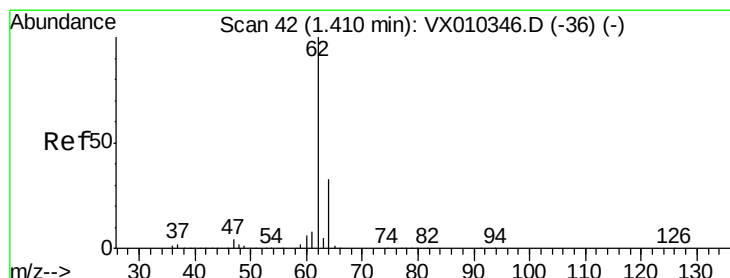
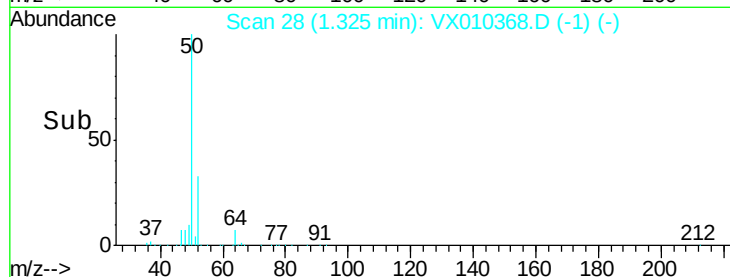
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 48.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010368.D

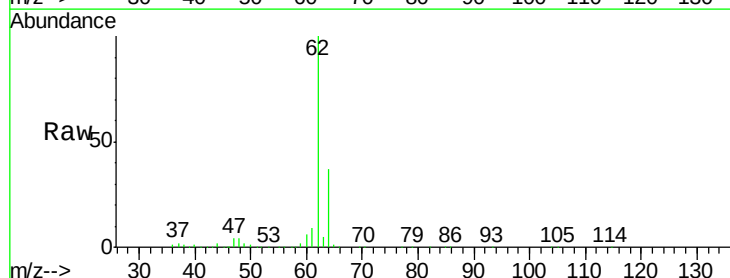
Acq: 20 Jun 2019 19:32

Tgt Ion: 62 Resp: 121363

Ion Ratio Lower Upper

62 100

64 32.5 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

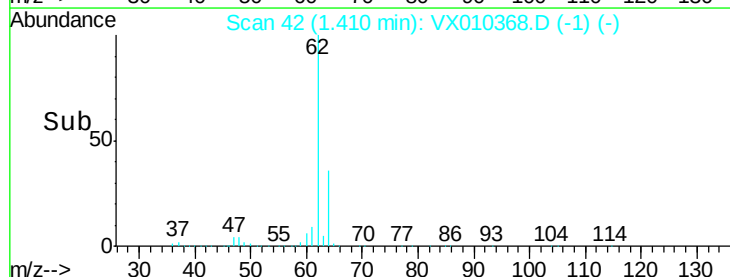
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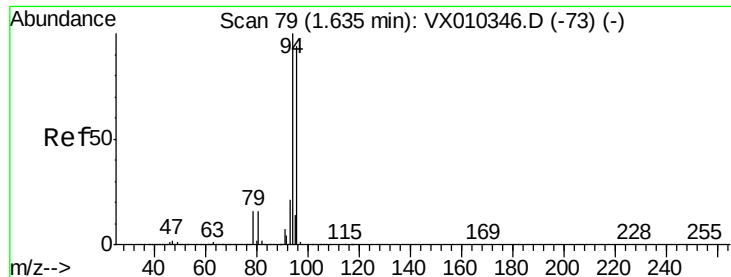
40000

20000

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Time-->





#5

Bromomethane

Concen: 35.234 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 94 Resp: 43275

Ion Ratio Lower Upper

94 100

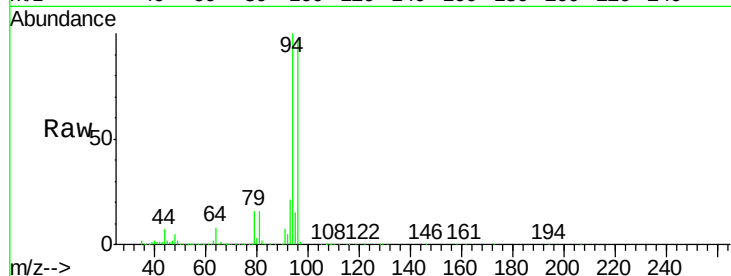
96 97.4 75.5 113.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

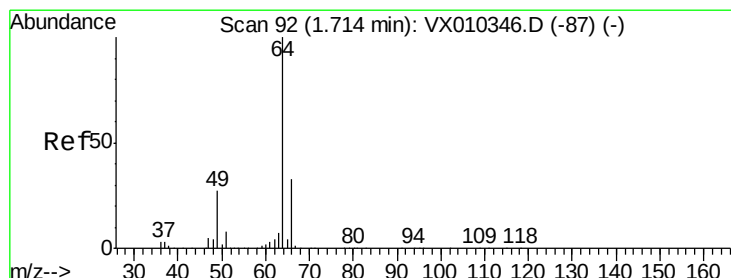
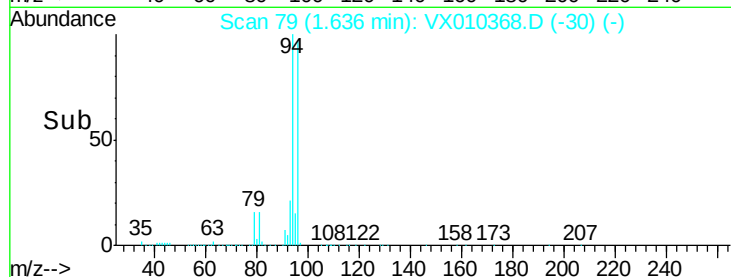
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 51.039 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010368.D

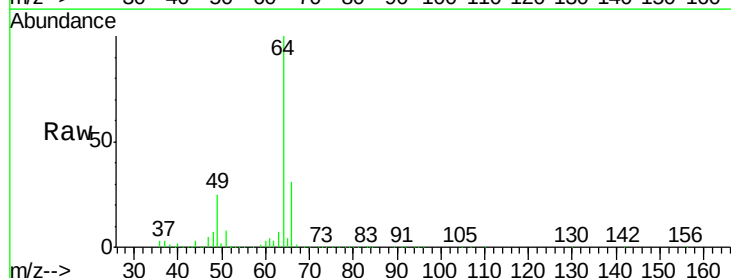
Acq: 20 Jun 2019 19:32

Tgt Ion: 64 Resp: 75915

Ion Ratio Lower Upper

64 100

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

1.71

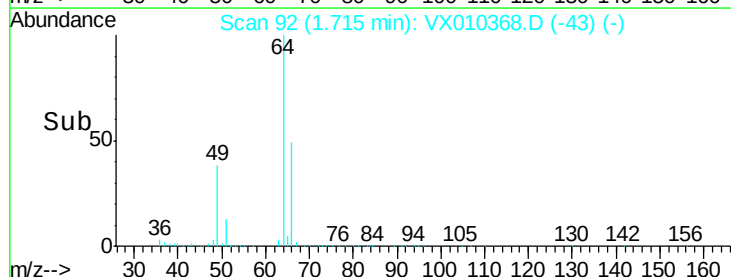
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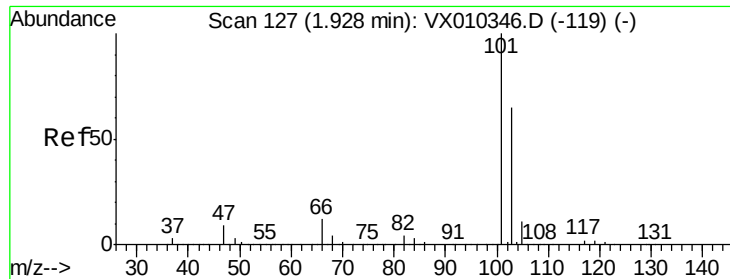
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Time-->





#7

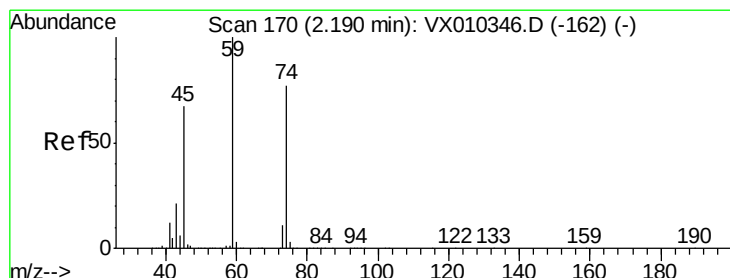
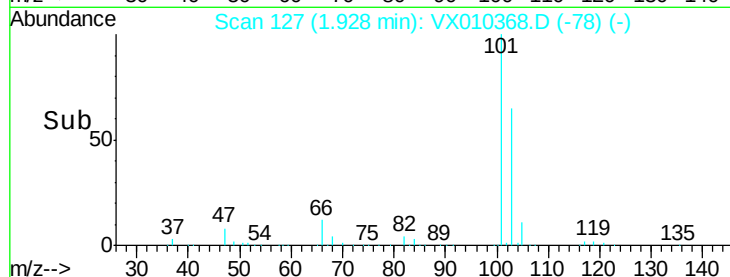
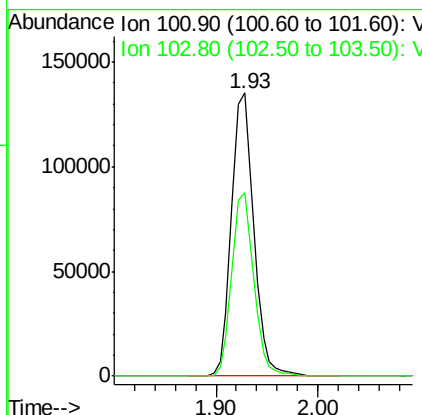
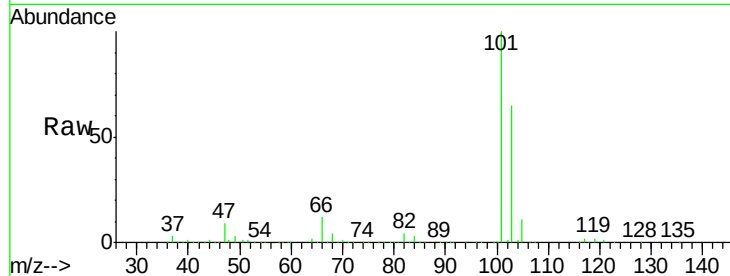
Trichlorofluoromethane
Concen: 51.080 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010368.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		204141		
103	64.9	52.3	78.5		

Manual Integrations
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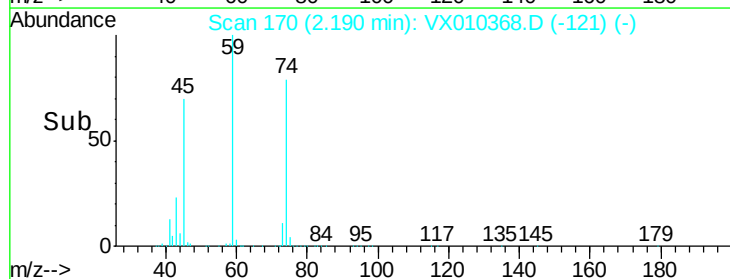
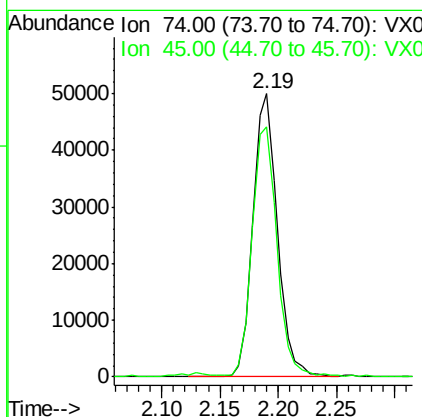
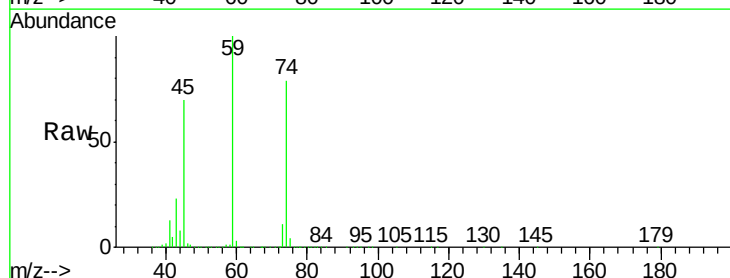
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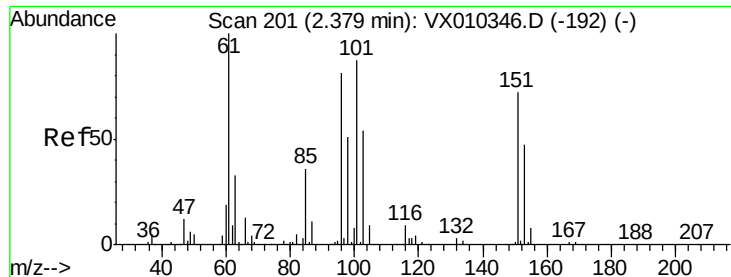


#8

Diethyl Ether
Concen: 51.310 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		73538		
45	89.1	44.8	134.4		





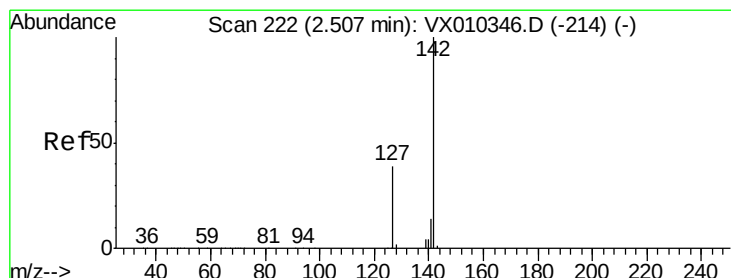
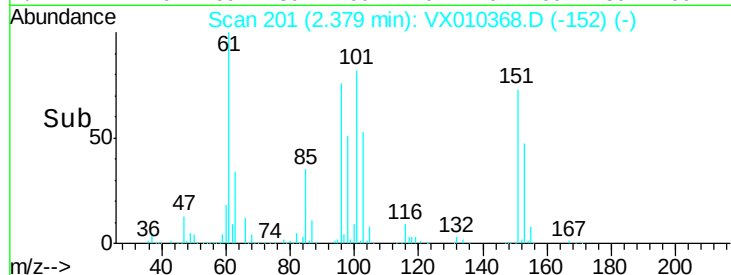
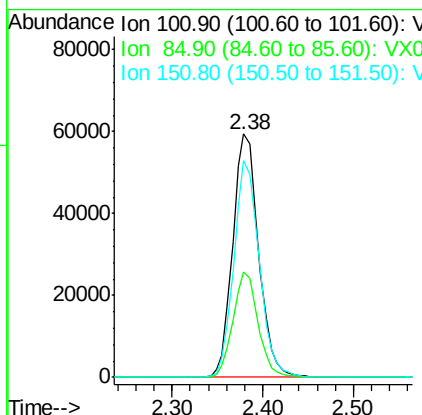
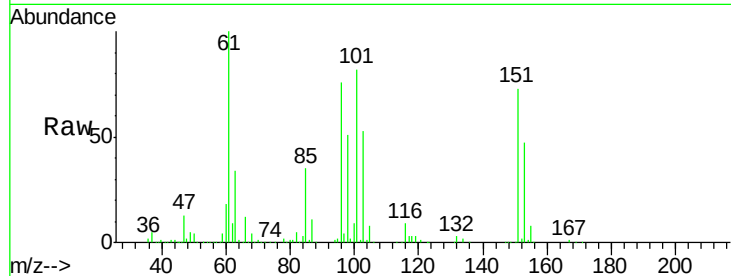
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.629 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX010368.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	117773		
85	41.9	33.7	50.5	
151	87.5	70.1	105.1	

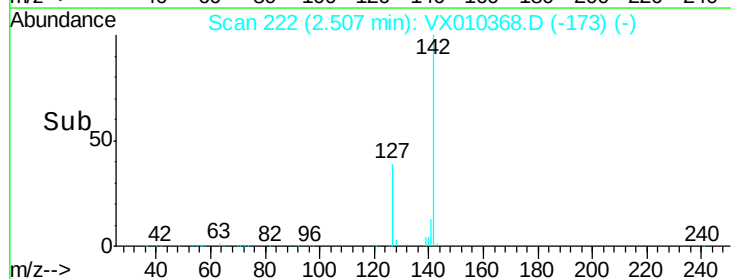
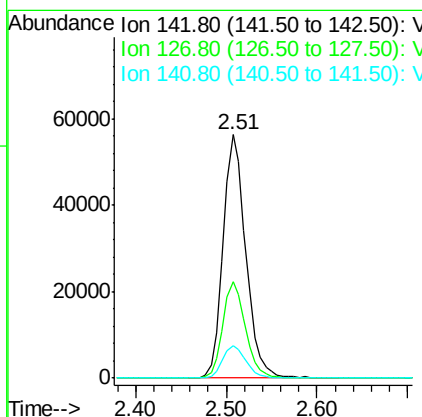
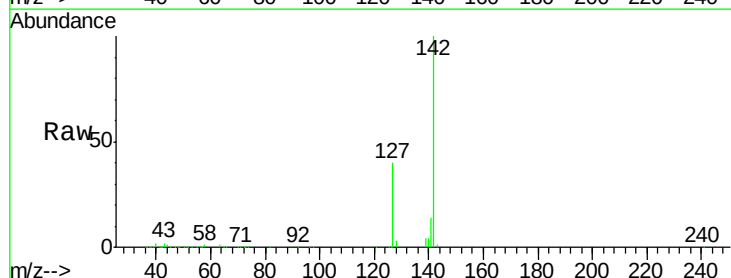
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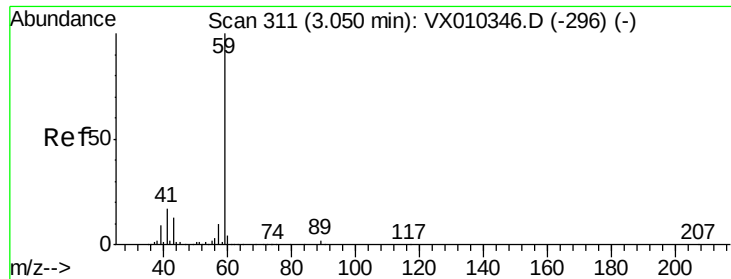
MMDadoda
 6/21/2019 11:35:31 AM



#10
 Methyl Iodide
 Concen: 28.430 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98263		
127	39.5	31.1	46.7	
141	14.0	11.2	16.8	





#11

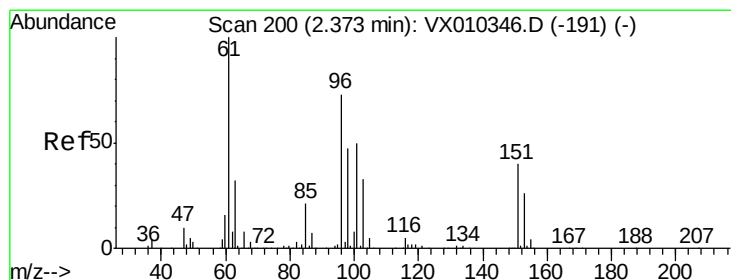
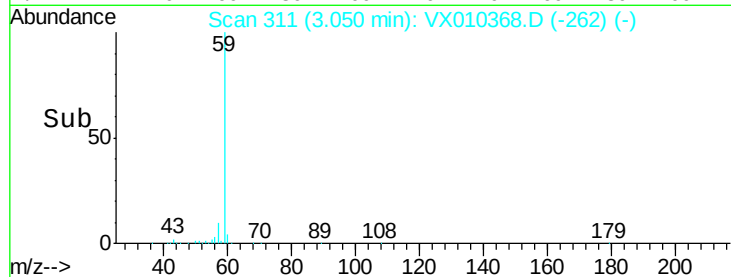
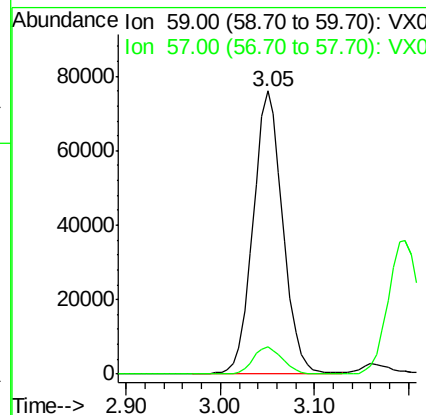
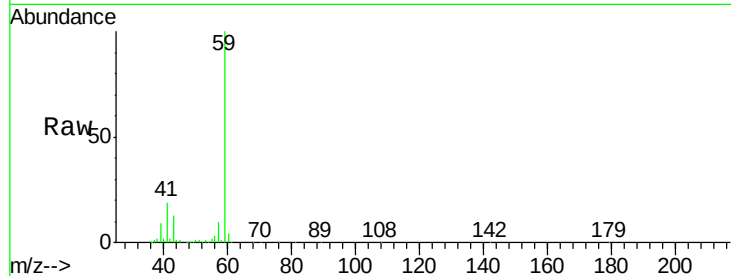
Tert butyl alcohol
Concen: 241.928 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	59	57	Ratio	100	9.8	Resp	168756	Lower	7.7	Upper	11.5
Ion	59	57	Ratio	100	9.8	Resp	168756	Lower	7.7	Upper	11.5

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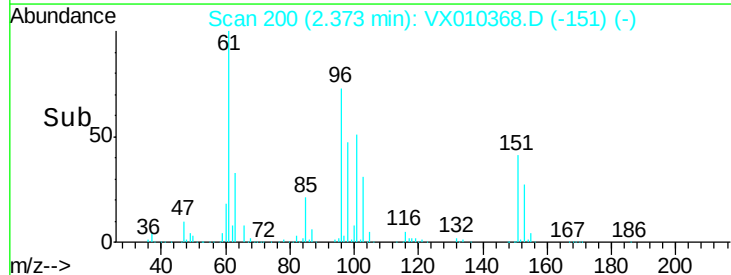
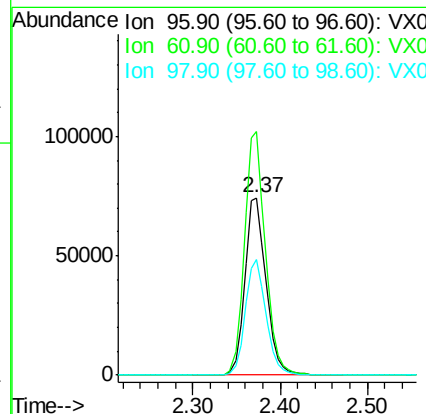
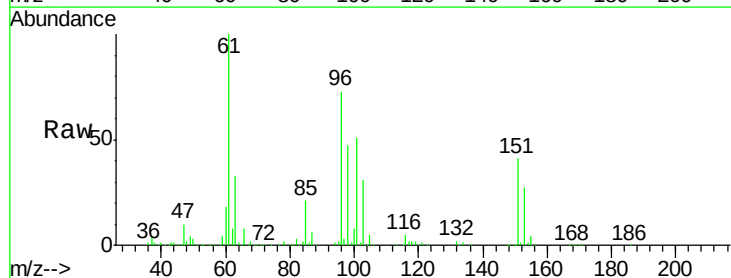
MMDadoda
6/21/2019 11:35:31 AM

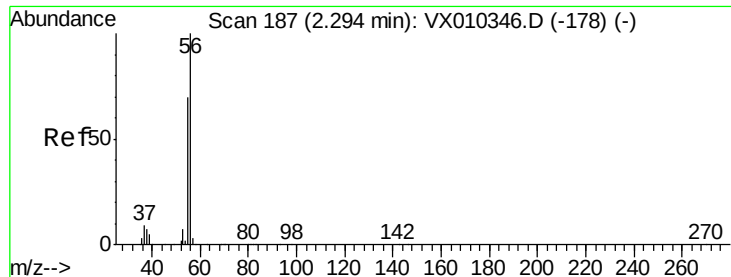


#12

1,1-Dichloroethene
Concen: 50.703 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	96	61	98	Ratio	100	137.2	64.9	Resp	124954	Lower	109.2	51.1	Upper	163.8	76.7
Ion	96	61	98	Ratio	100	137.2	64.9	Resp	124954	Lower	109.2	51.1	Upper	163.8	76.7





#13

Acrolein

Concen: 193.335 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 56 Resp: 89463

Ion Ratio Lower Upper

56 100

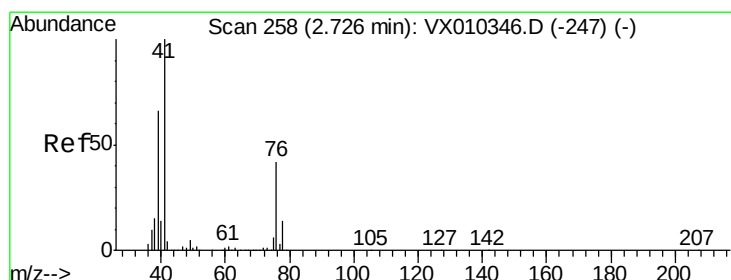
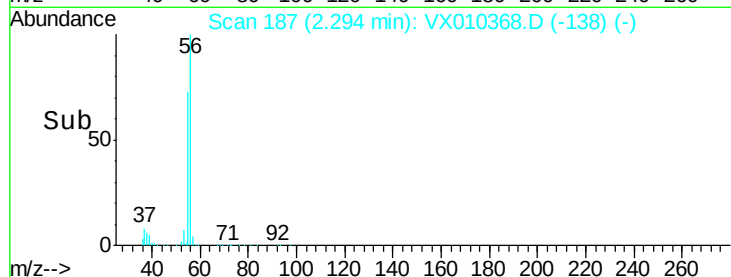
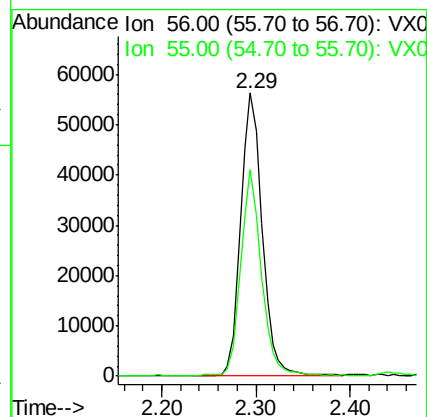
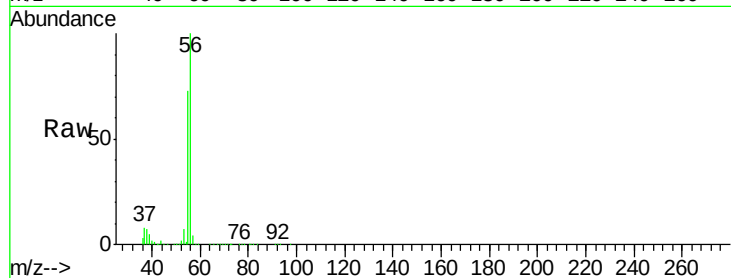
55 69.4 56.9 85.3

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#14

Allyl chloride

Concen: 52.075 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

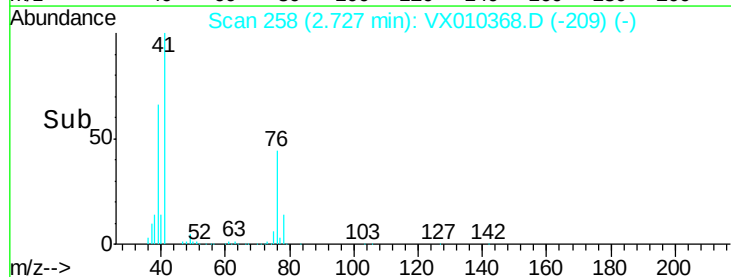
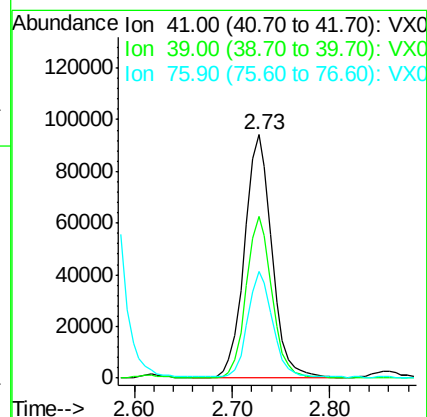
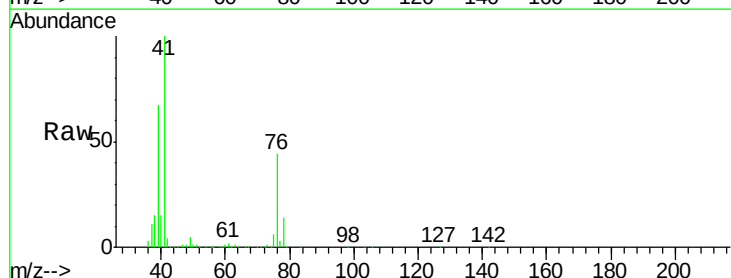
Tgt Ion: 41 Resp: 182197

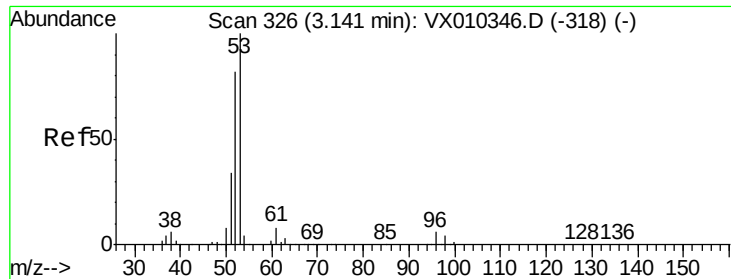
Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 261.683 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

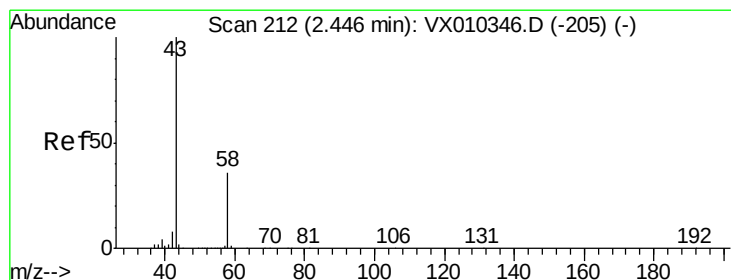
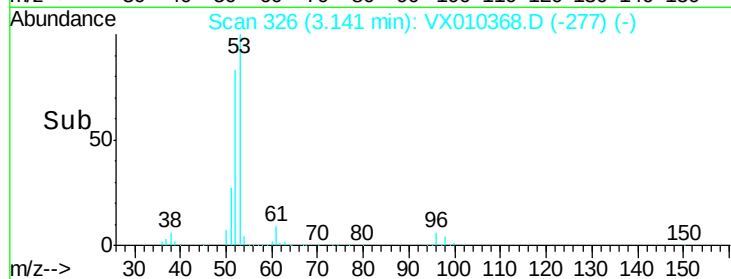
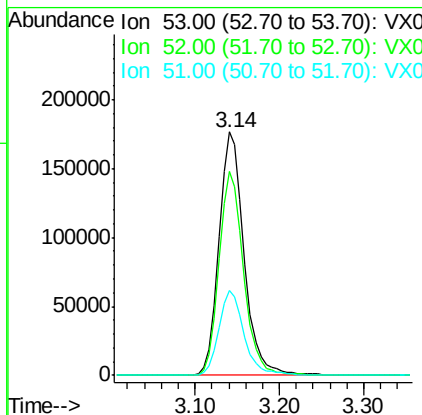
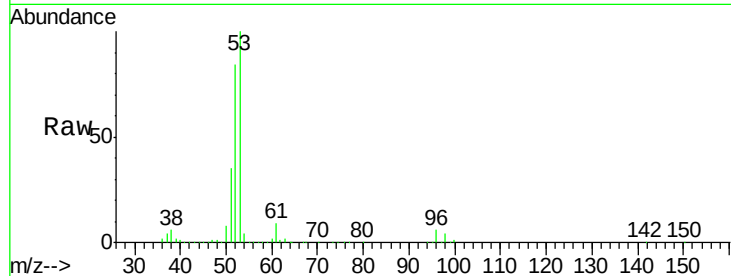
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	53	Resp:	361400
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.0	28.2	42.4

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#16

Acetone

Concen: 218.779 ug/l

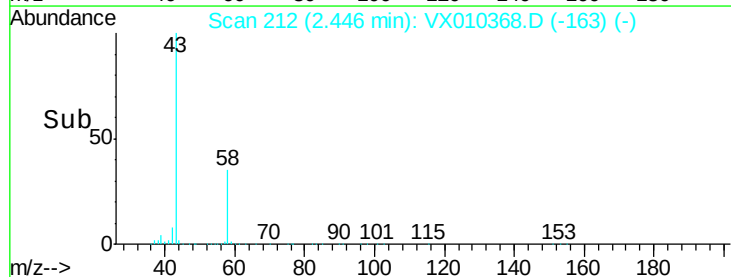
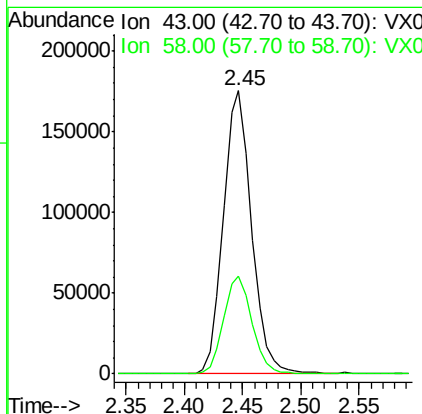
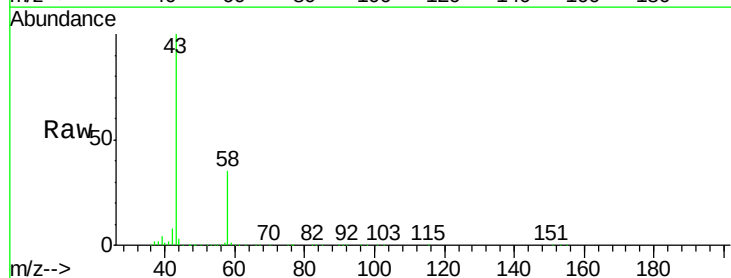
RT: 2.45 min Scan# 212

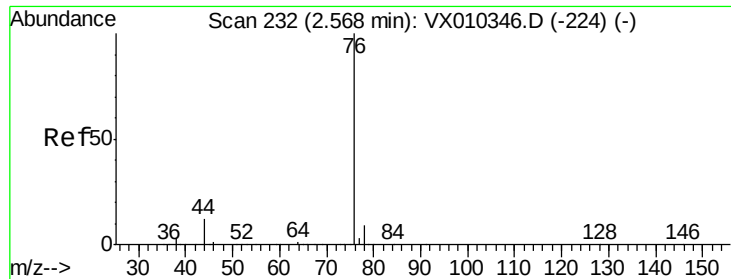
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	43	Resp:	292290
Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.9	43.3





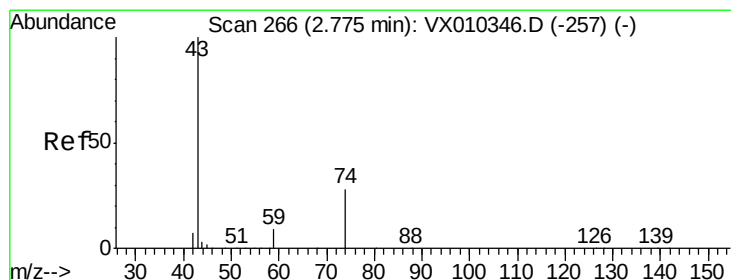
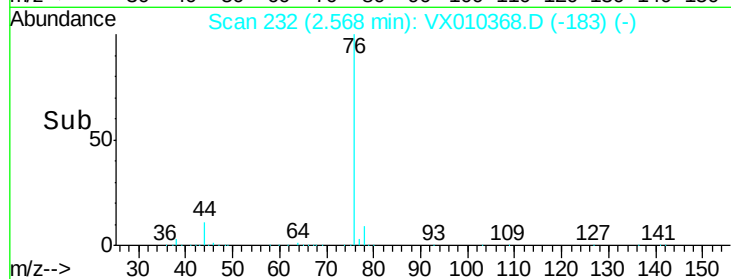
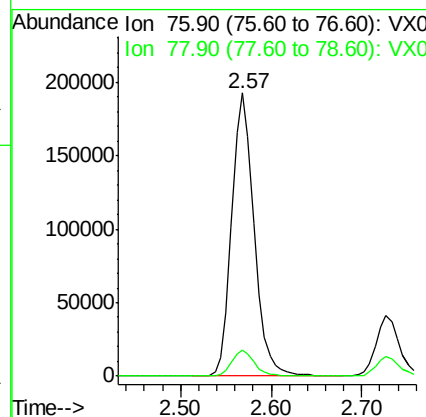
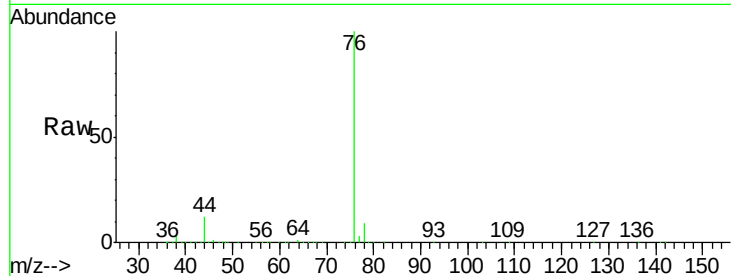
#17
Carbon Disulfide
Concen: 50.110 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

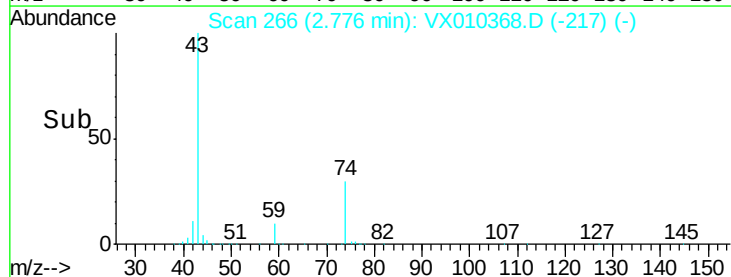
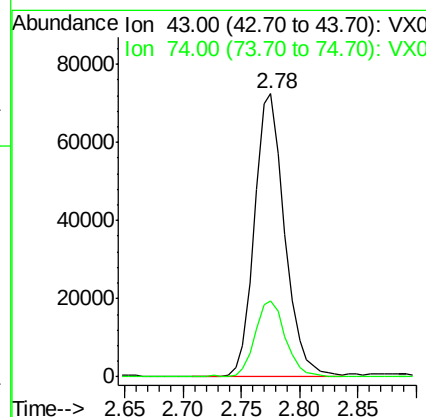
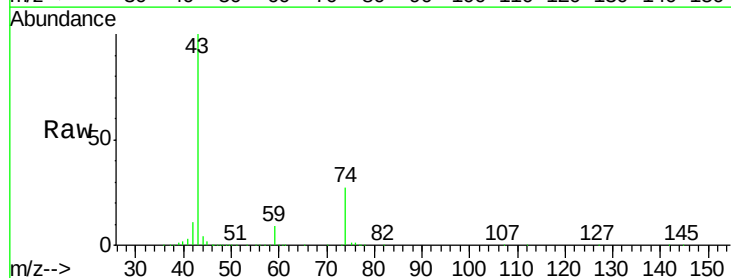
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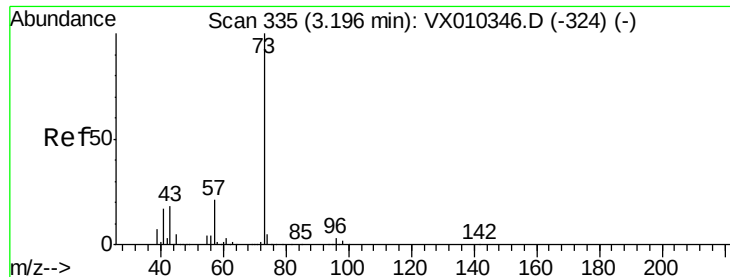
MMDadoda
6/21/2019 11:35:31 AM



#18
Methyl Acetate
Concen: 48.944 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	21.3	31.9





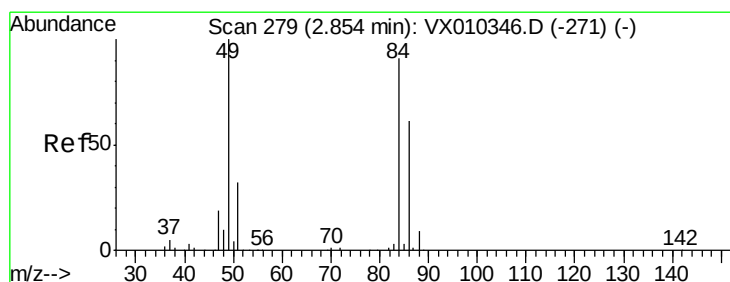
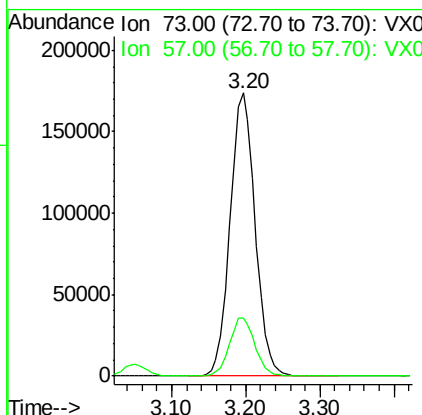
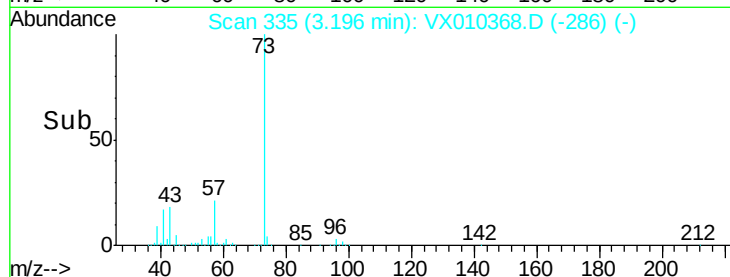
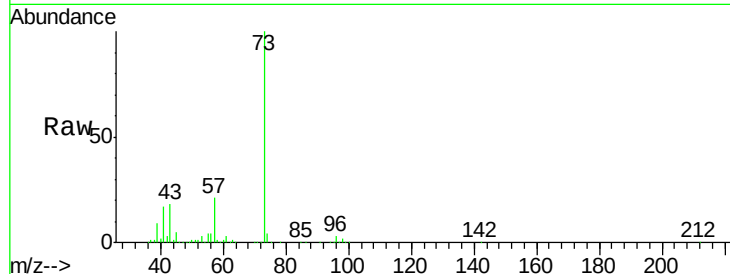
#19
Methyl tert-butyl Ether
Concen: 52.737 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.4	24.6

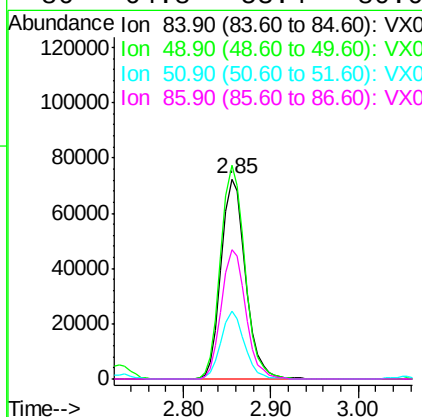
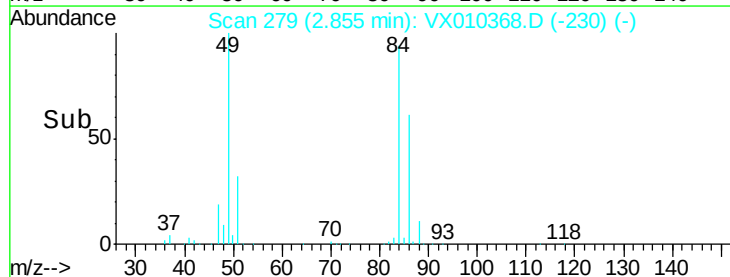
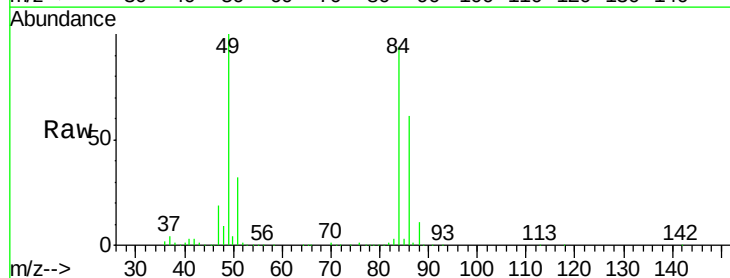
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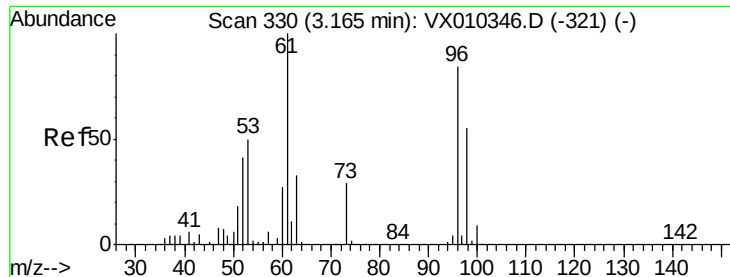
MMDadoda
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#20
Methylene Chloride
Concen: 51.099 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.5	87.5	131.3
51	33.9	27.7	41.5
86	64.8	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

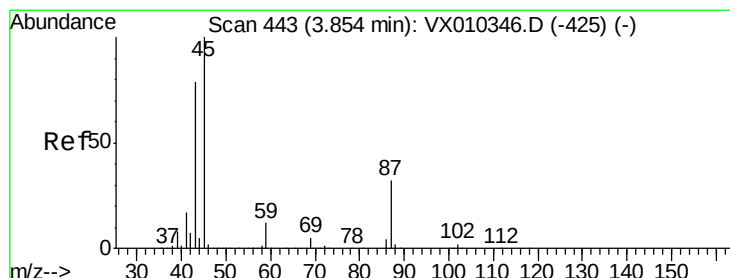
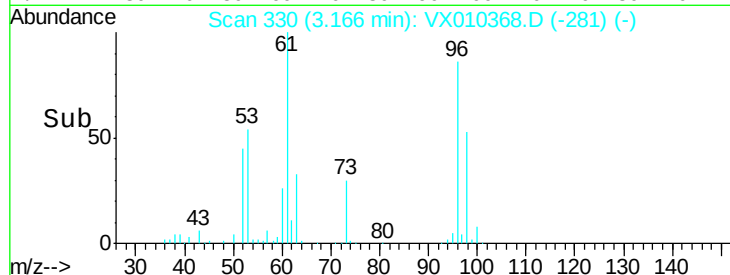
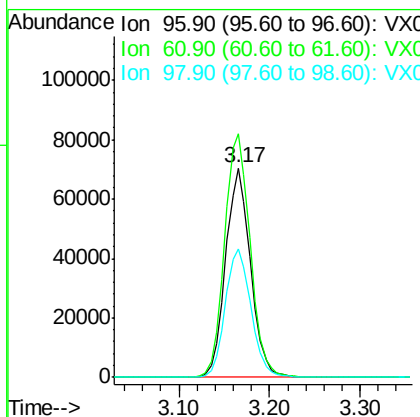
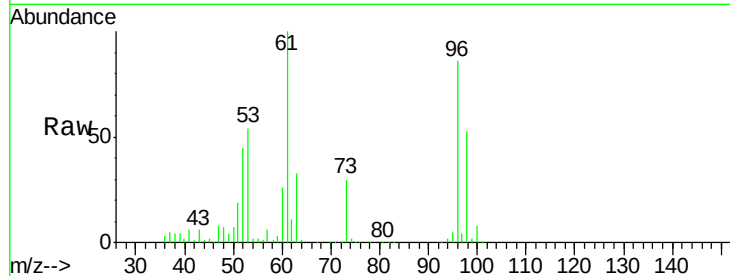
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.4	95.6	143.4
98	61.2	52.5	78.7

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#22

Diisopropyl ether

Concen: 51.493 ug/l

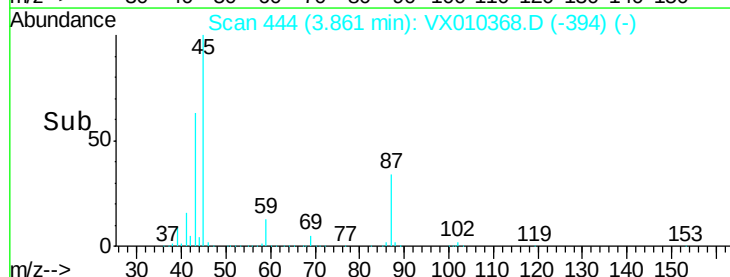
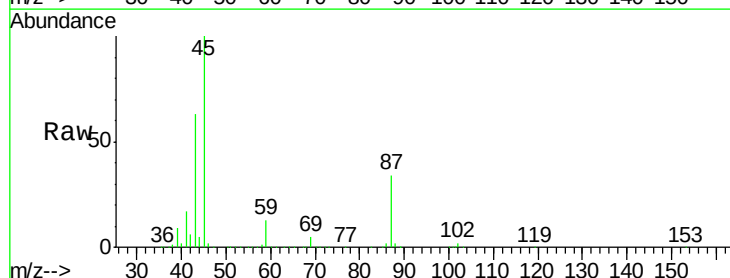
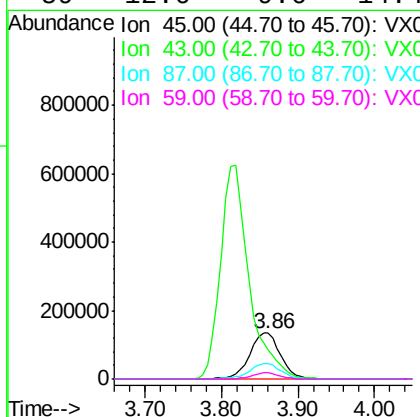
RT: 3.86 min Scan# 444

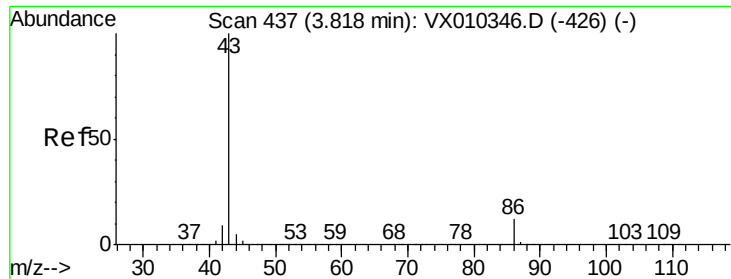
Delta R.T. 0.01 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.9	63.3	94.9#
87	33.8	25.8	38.8
59	12.6	9.6	14.4





#23

Vinyl Acetate

Concen: 257.112 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 43 Resp: 1624810

Ion Ratio Lower Upper

43 100

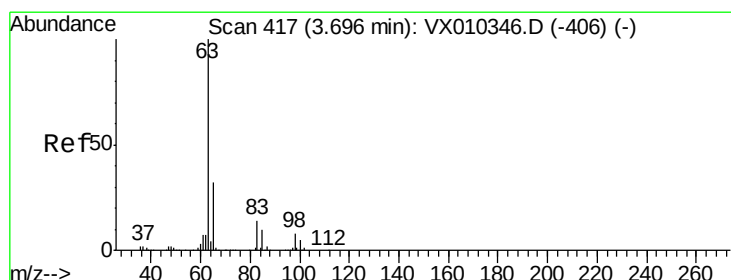
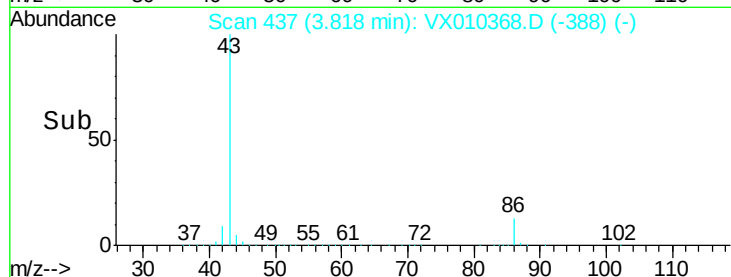
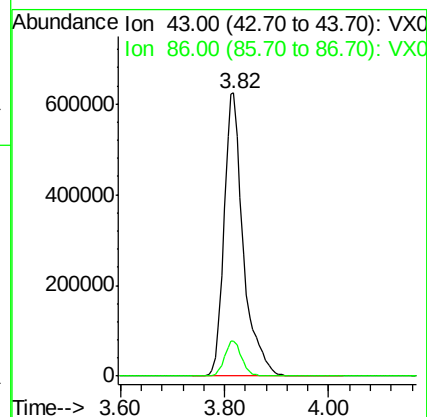
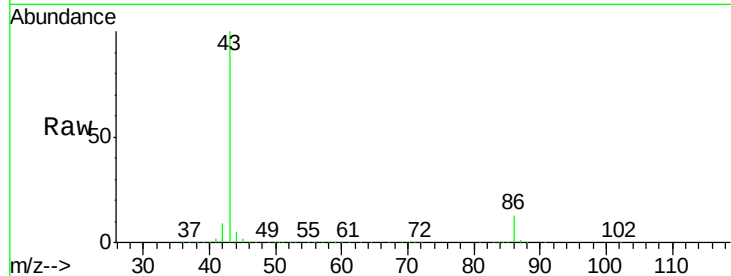
86 12.5 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 51.700 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

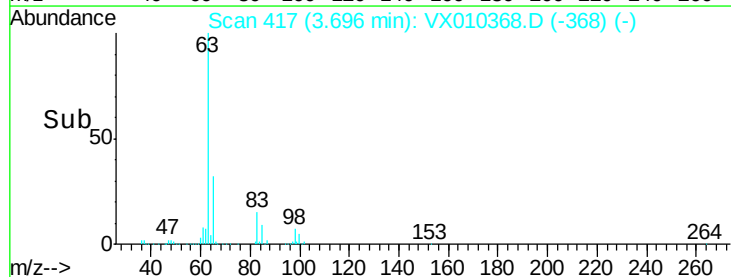
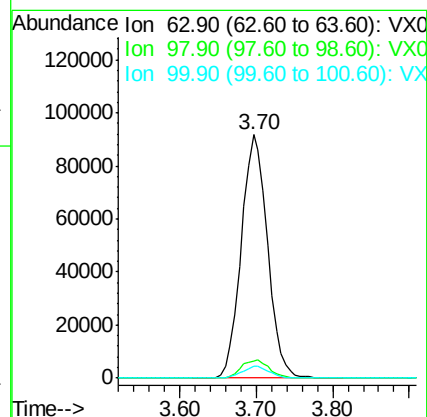
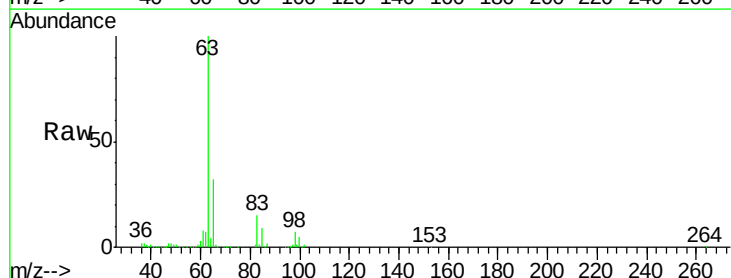
Tgt Ion: 63 Resp: 218607

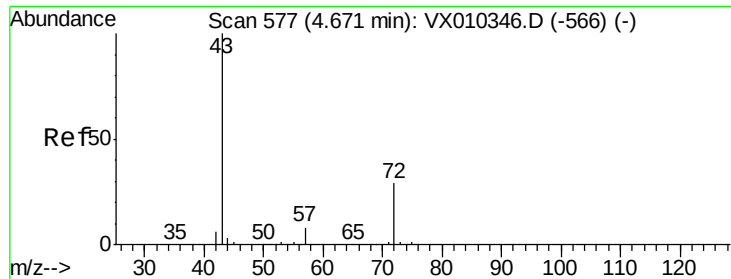
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 250.772 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 43 Resp: 491450

Ion Ratio Lower Upper

43 100

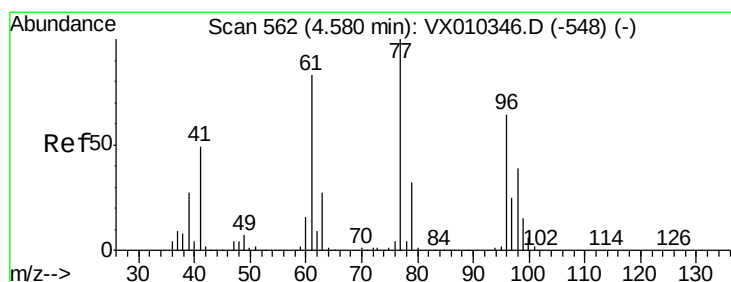
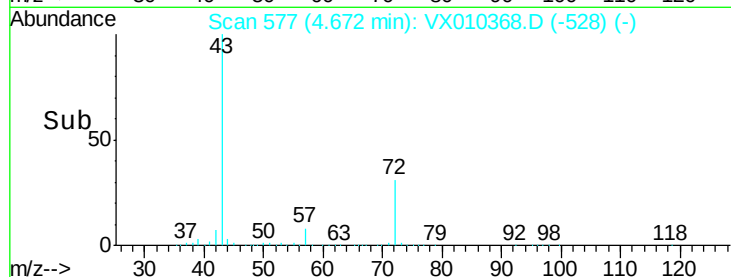
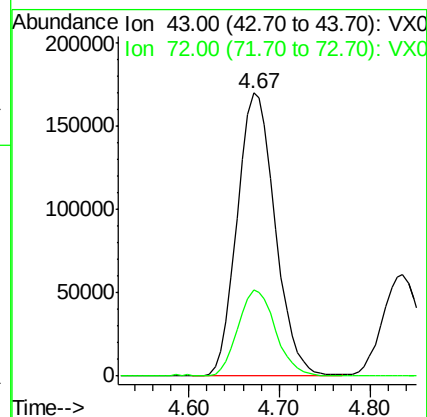
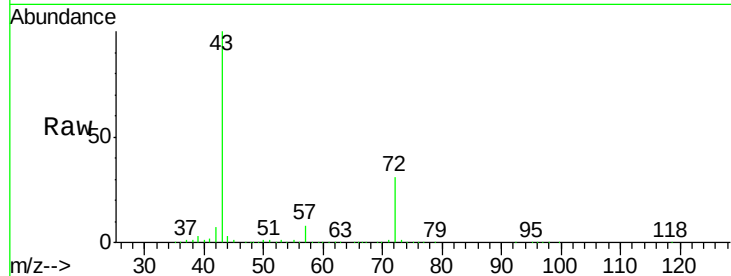
72 30.6 23.3 34.9

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#26

2,2-Dichloropropane

Concen: 47.169 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010368.D

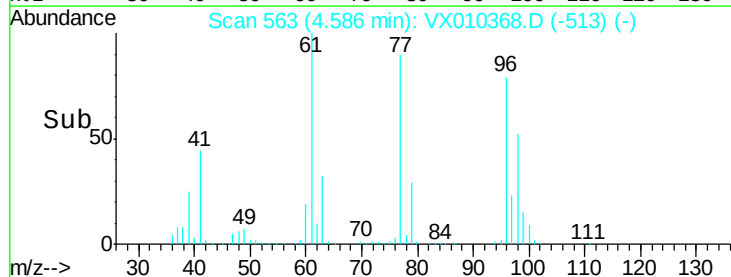
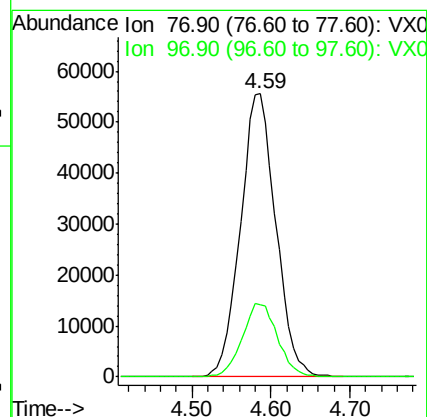
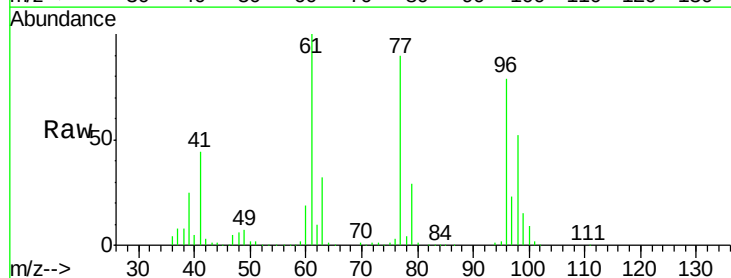
Acq: 20 Jun 2019 19:32

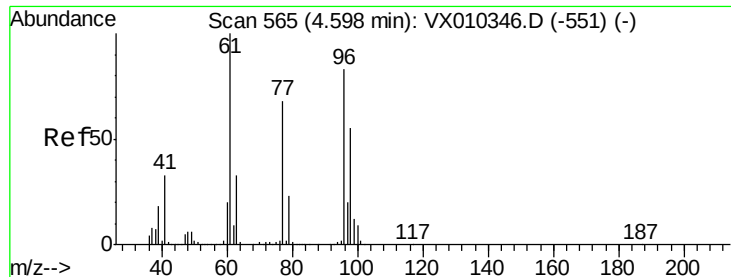
Tgt Ion: 77 Resp: 173260

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3





#27

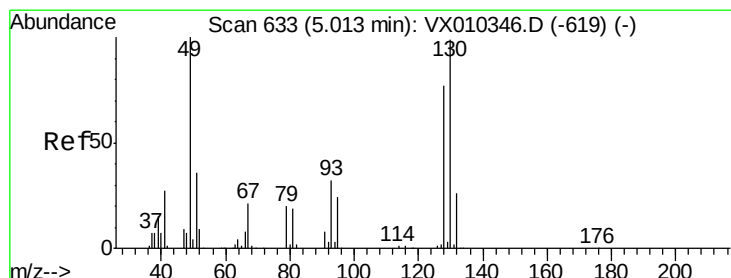
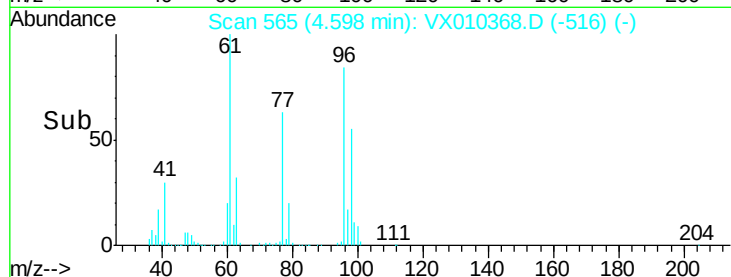
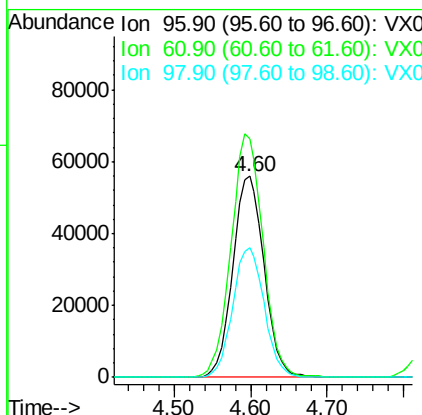
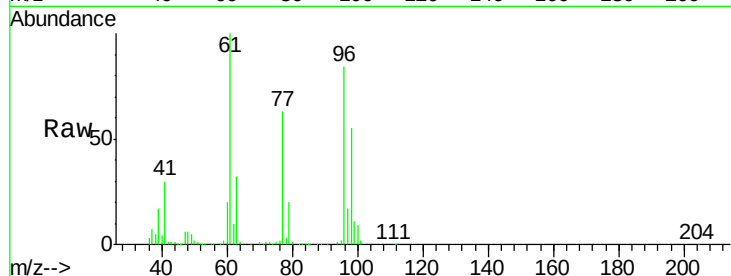
cis-1,2-Dichloroethene
Concen: 51.783 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	158604		
61	124.1	0.0	251.8	
98	65.0	0.0	129.4	

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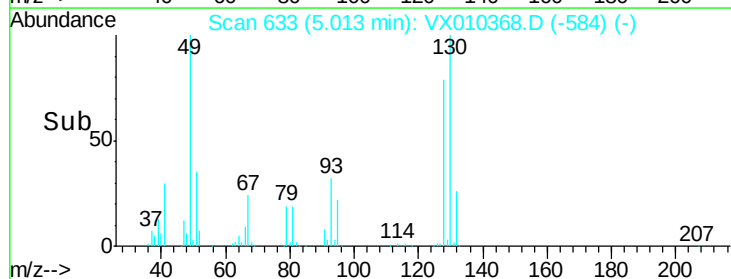
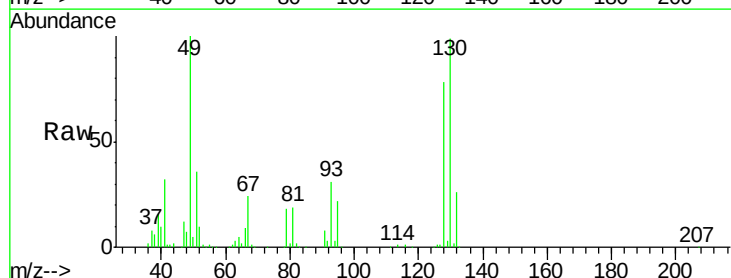
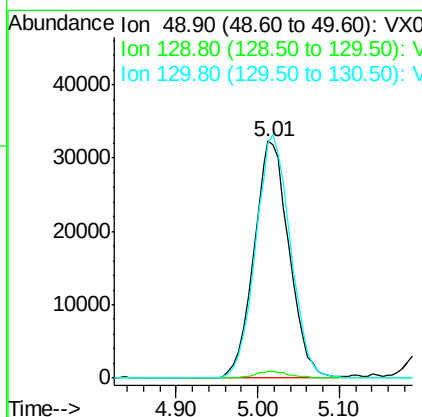
MMDadoda
6/21/2019 11:35:31 AM

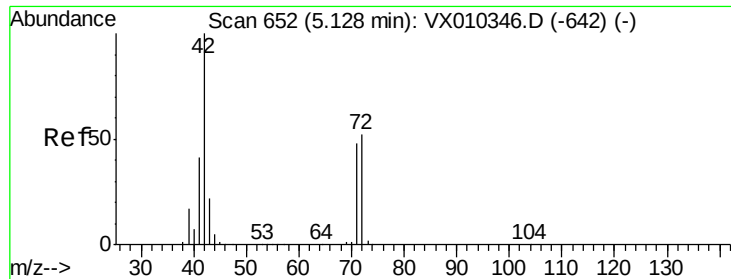


#28

Bromochloromethane
Concen: 47.906 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96851		
129	2.9	0.0	5.6	
130	101.7	81.4	122.0	





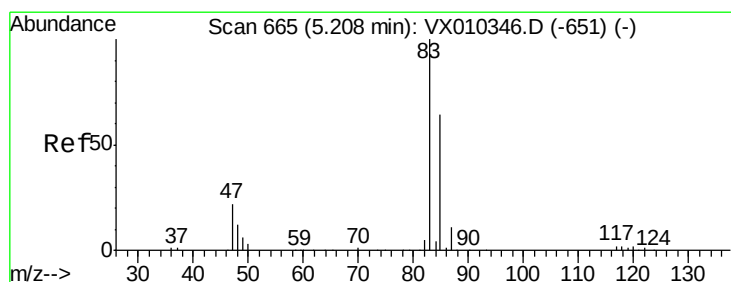
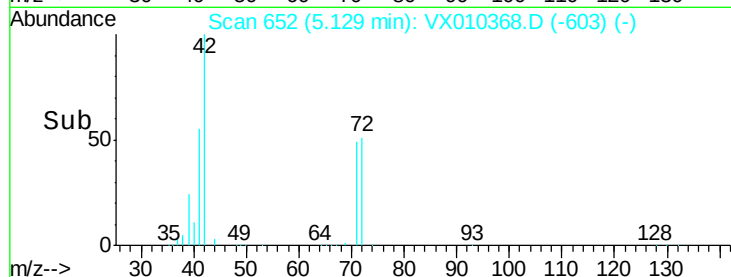
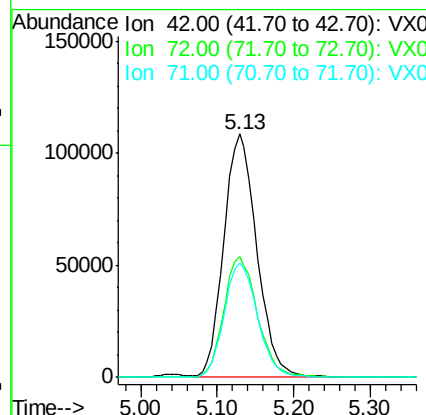
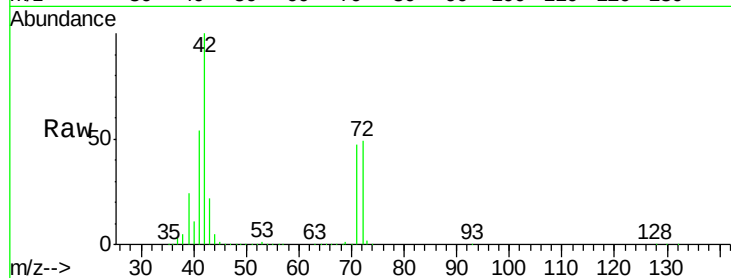
#29
Tetrahydrofuran
Concen: 265.742 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.6	60.8
71	47.5	37.8	56.8

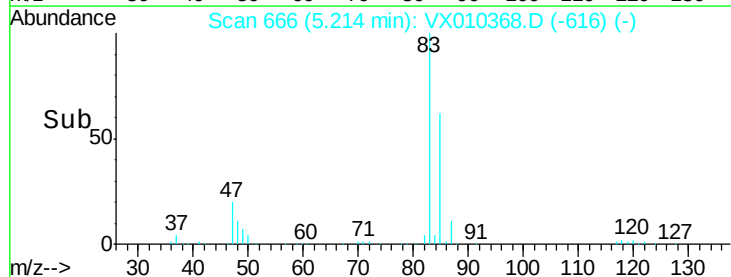
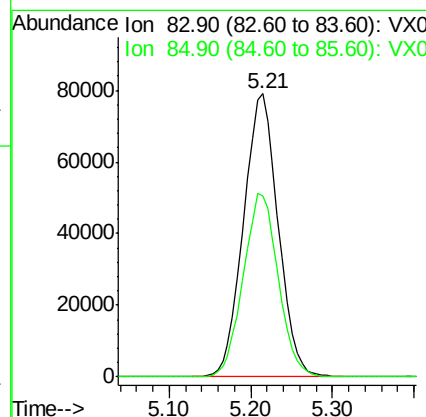
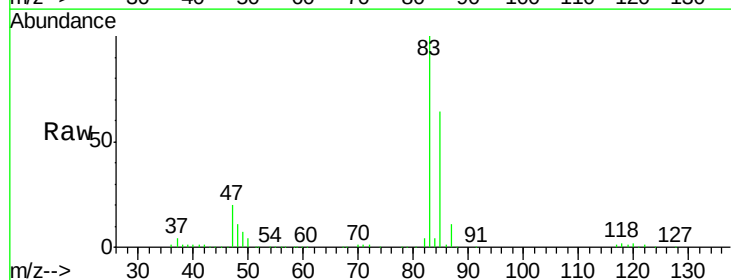
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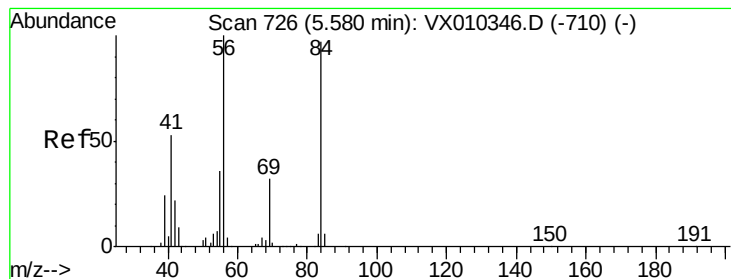
MMDadoda
6/21/2019 11:35:31 AM



#30
Chloroform
Concen: 51.241 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 50.543 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

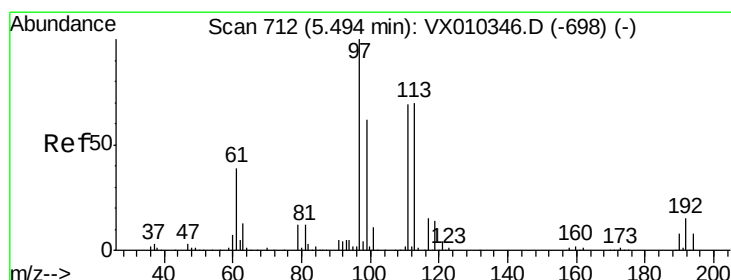
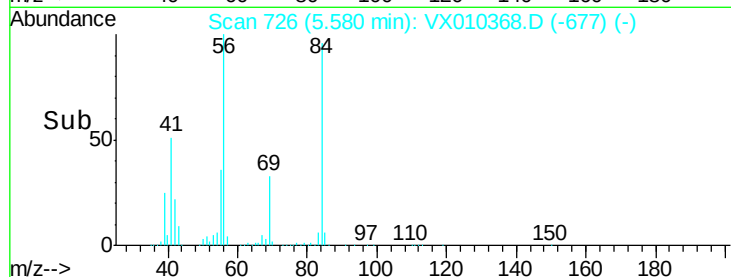
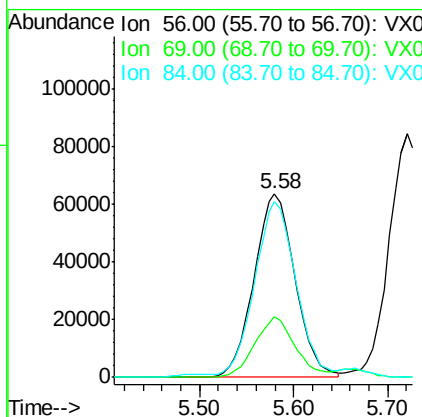
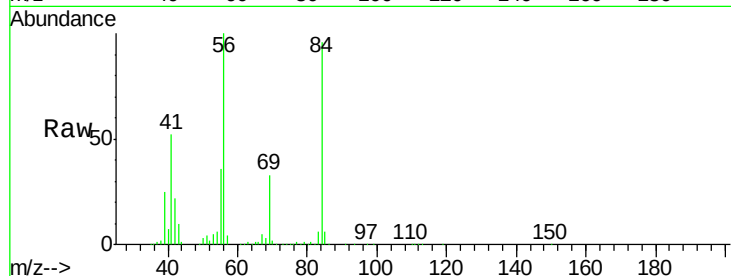
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	56	Resp:	194620
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.9	38.9
84	94.3	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 52.178 ug/l

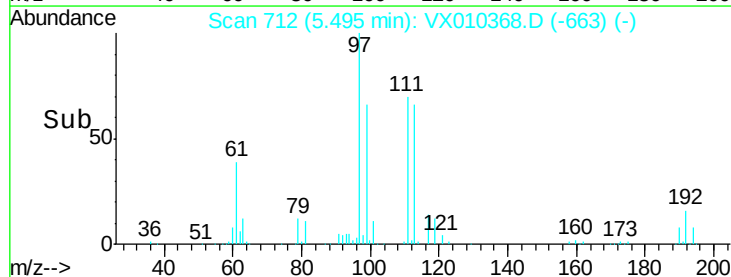
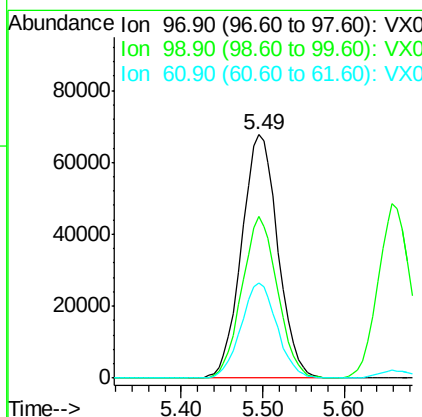
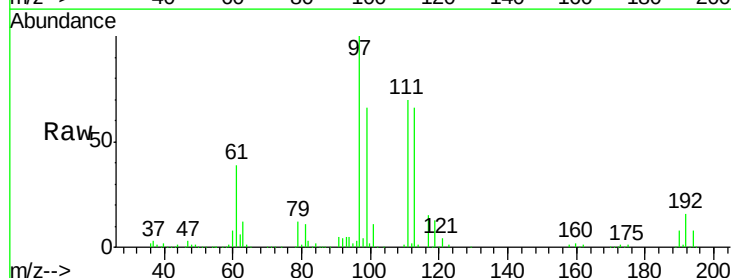
RT: 5.49 min Scan# 712

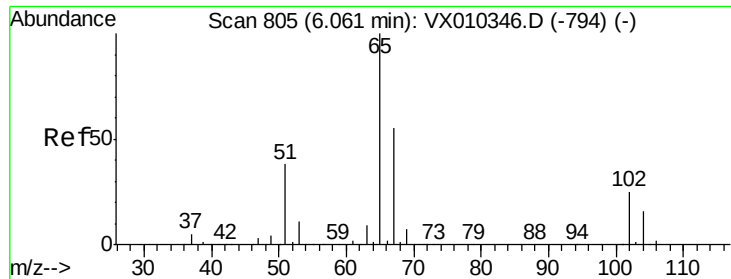
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	97	Resp:	209611
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	38.8	32.1	48.1





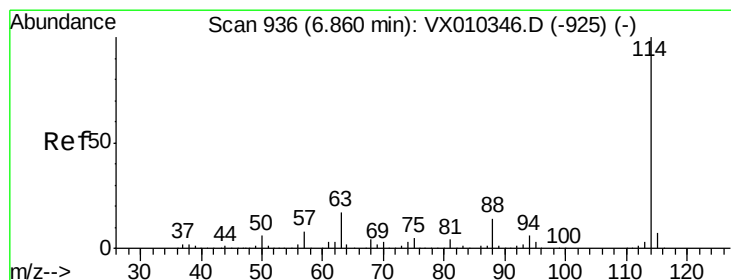
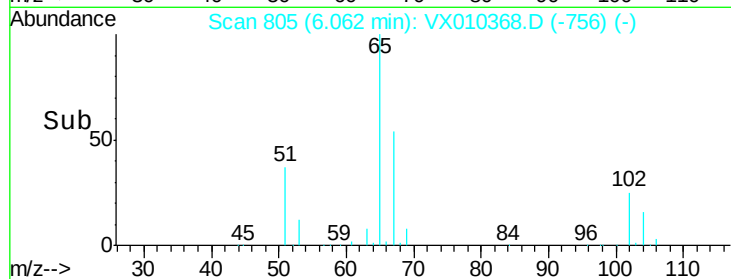
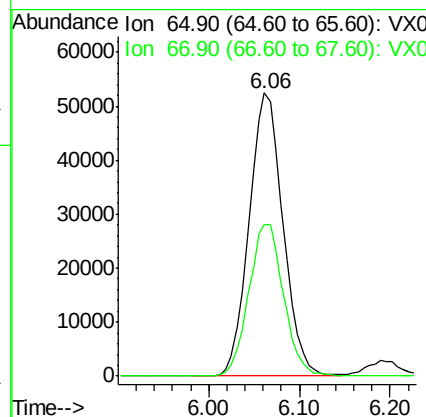
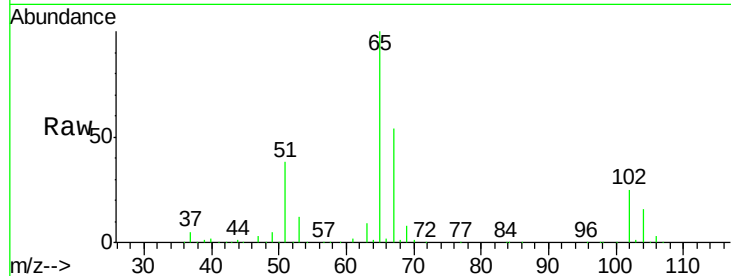
#33
 1,2-Dichloroethane-d4
 Concen: 50.914 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135726		
67	55.0	0.0	110.2	

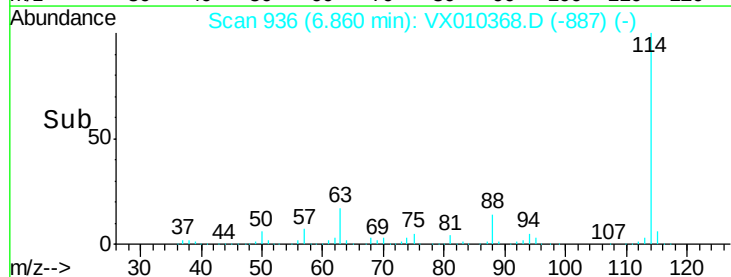
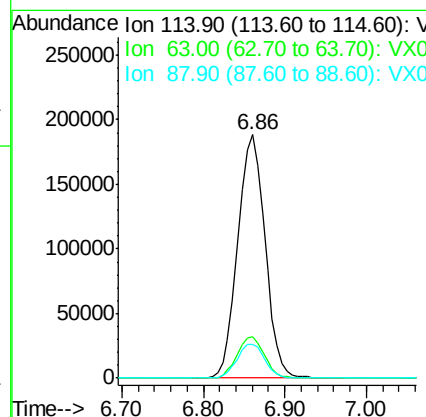
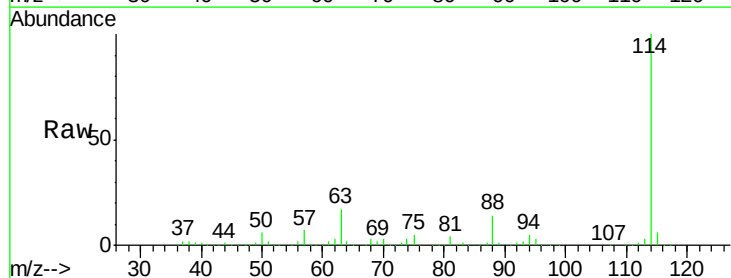
Manual Integrations
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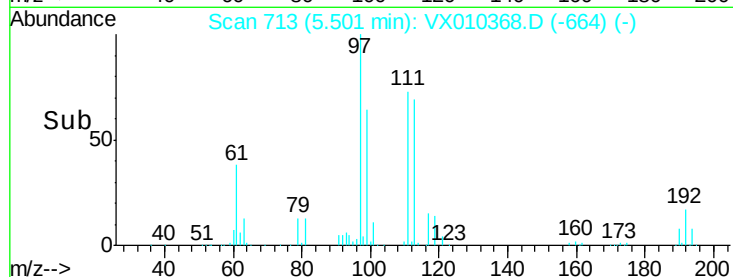
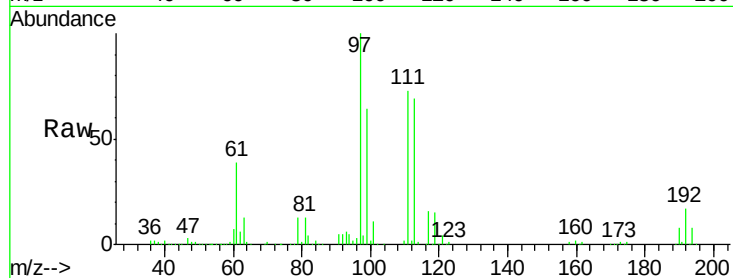
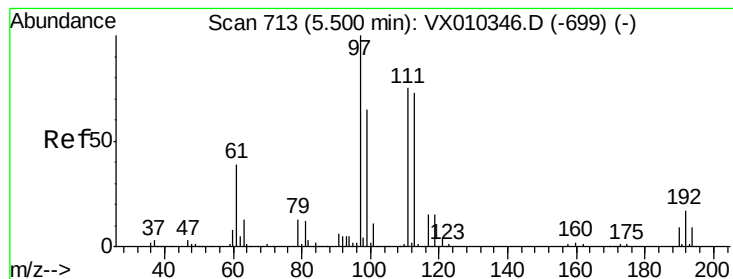
MMDadoda
 6/21/2019 11:35:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	435912		
63	16.9	0.0	33.8	
88	13.9	0.0	27.6	





#35

Dibromofluoromethane

Concen: 50.378 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134361		
111	103.5	81.2	121.8	
192	22.9	18.6	27.8	

Instrument :

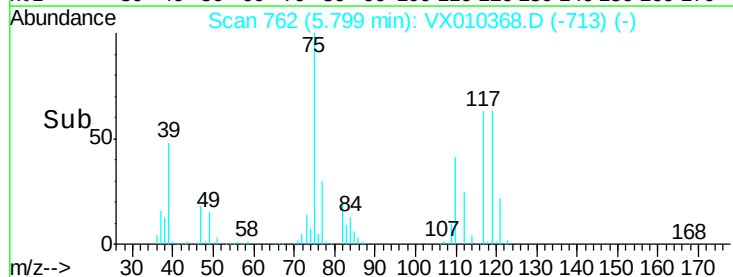
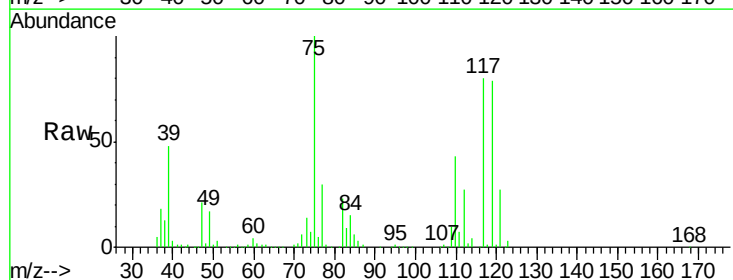
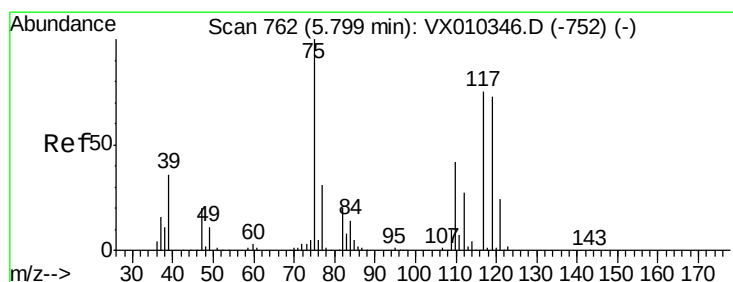
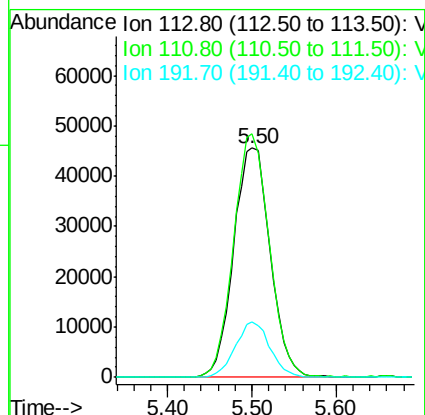
MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Manual Integrations
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MMDadoda
6/21/2019 11:35:31 AM



#36

1,1-Dichloropropene

Concen: 48.734 ug/l

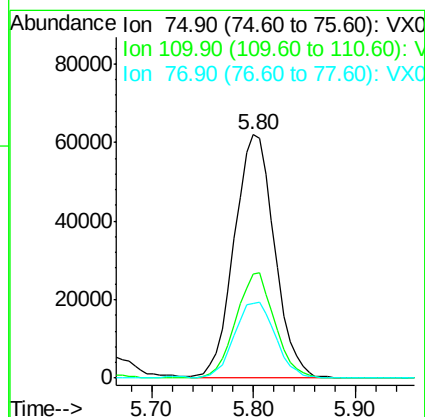
RT: 5.80 min Scan# 762

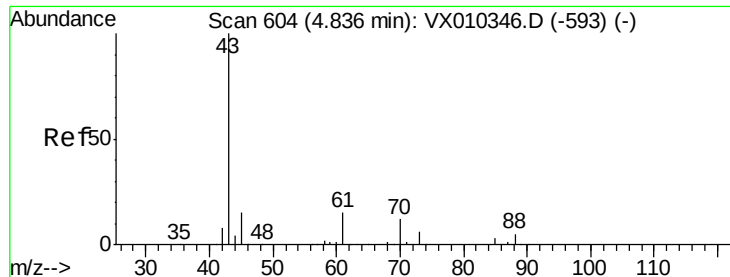
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168813		
110	42.1	20.8	62.2	
77	32.1	25.4	38.0	





#37

Ethyl Acetate

Concen: 50.334 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

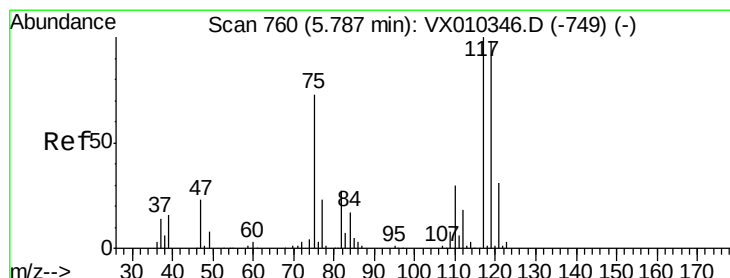
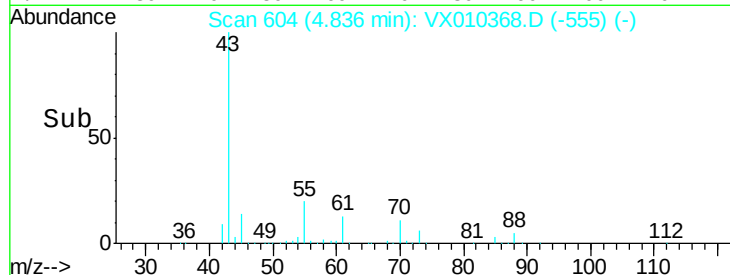
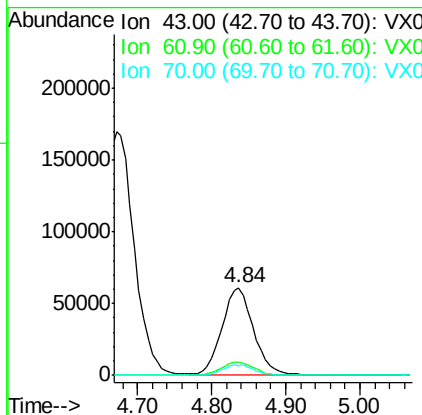
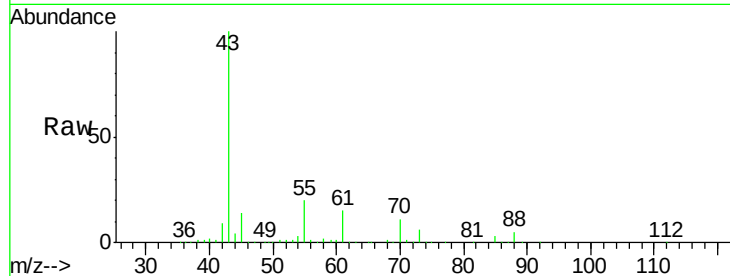
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	43	Resp:	179370
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	12.2	9.8	14.8

Manual Integrations
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6/21/2019 11:35:31 AM



#38

Carbon Tetrachloride

Concen: 50.676 ug/l

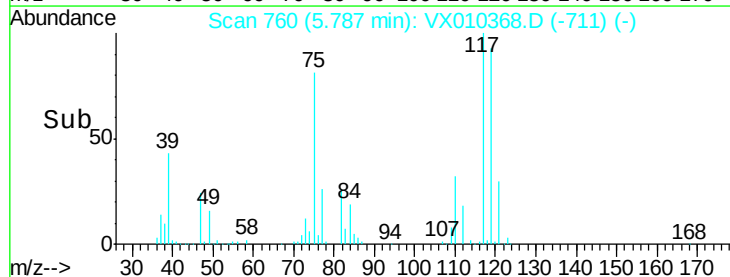
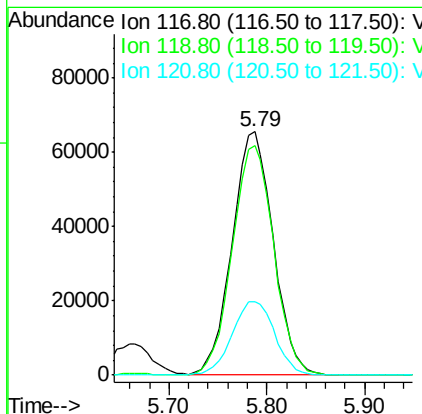
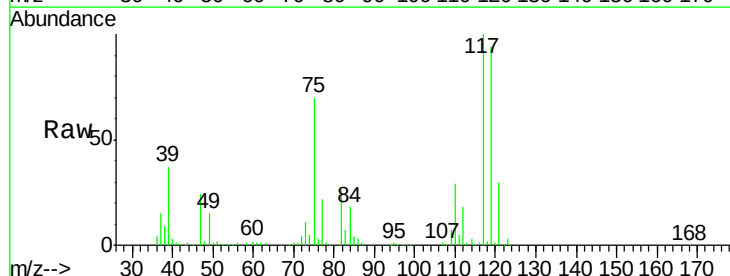
RT: 5.79 min Scan# 760

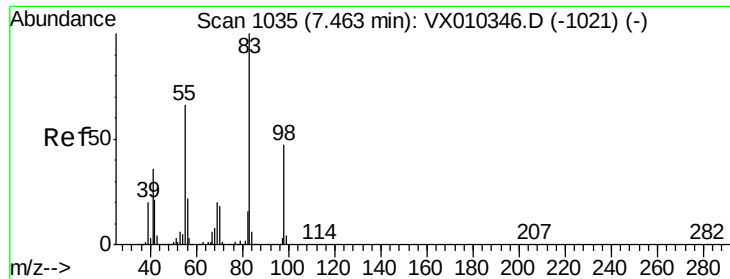
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	117	Resp:	190087
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.4
121	30.3	24.7	37.1





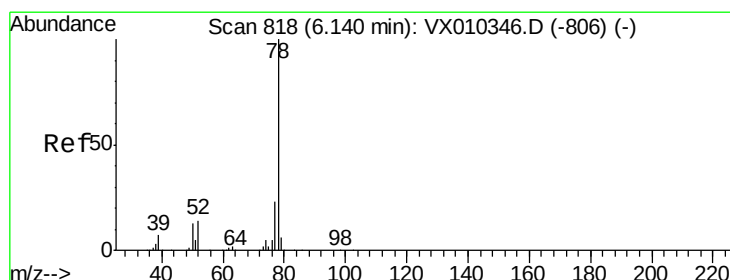
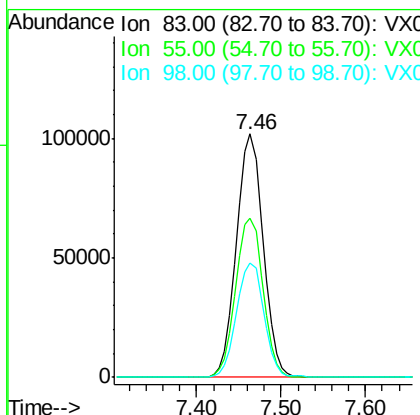
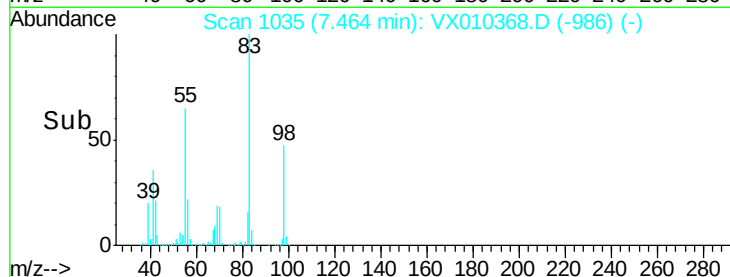
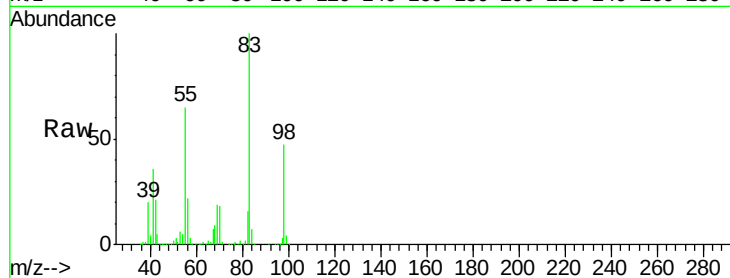
#39
Methylvlcyclohexane
Concen: 47.740 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.4	53.0	79.6
98	47.2	37.8	56.8

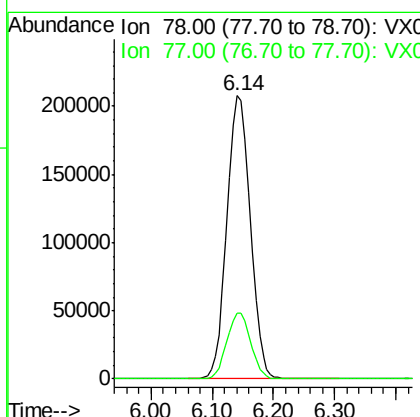
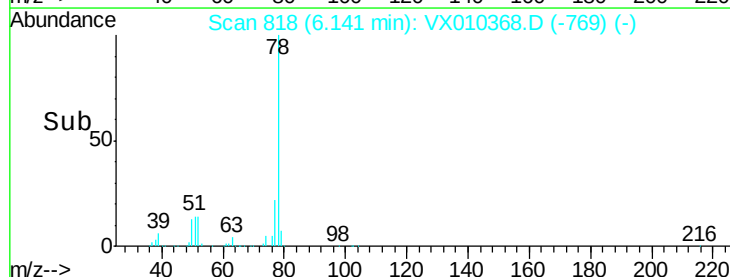
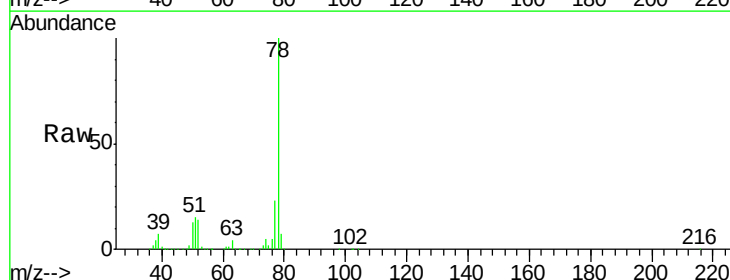
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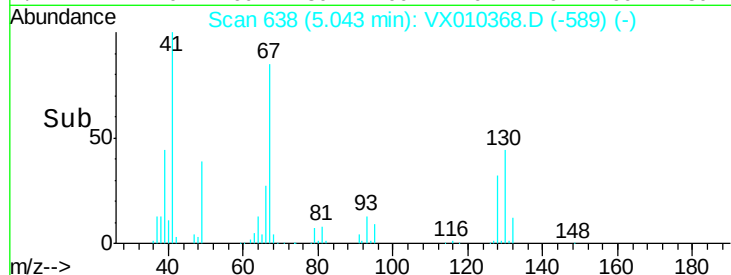
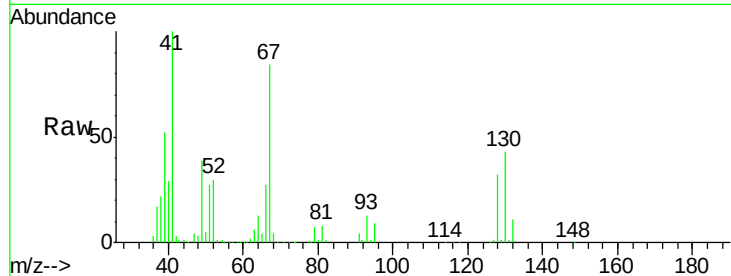
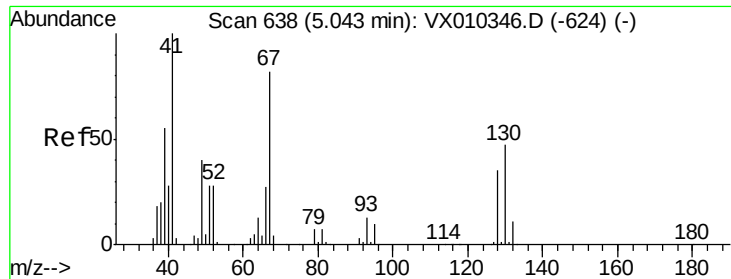
MMDadoda
6/21/2019 11:35:31 AM



#40
Benzene
Concen: 50.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





#41

Methacrylonitrile

Concen: 51.519 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		100735		
39	53.6	43.8	65.8		
67	83.6	66.6	100.0		
52	30.6	24.5	36.7		

Instrument :

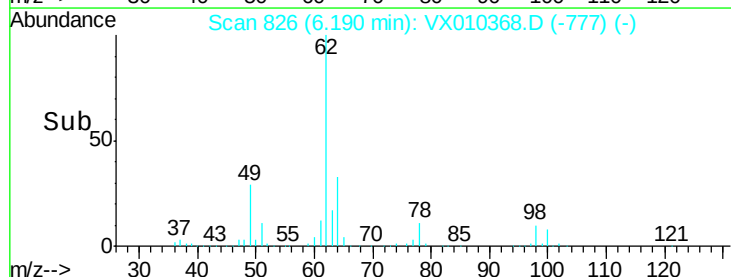
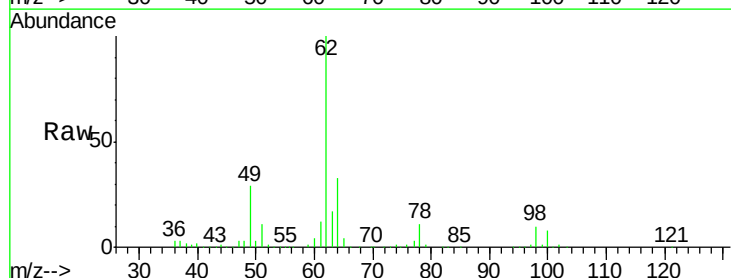
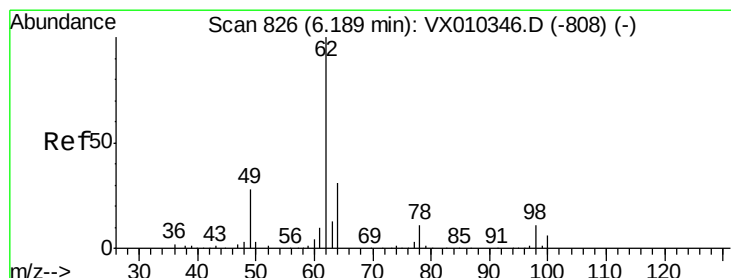
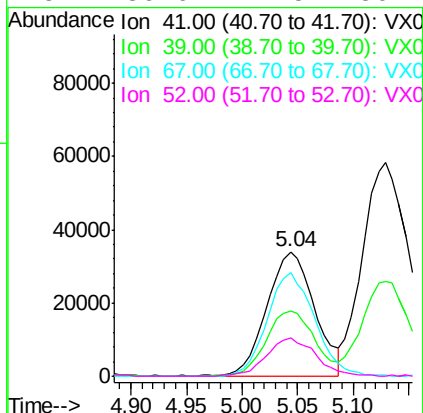
MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Manual Integrations
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MMDadoda
6/21/2019 11:35:31 AM



#42

1,2-Dichloroethane

Concen: 51.622 ug/l

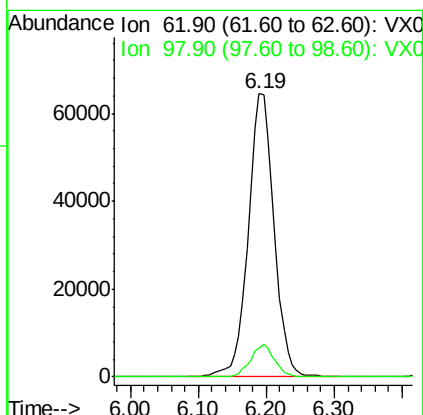
RT: 6.19 min Scan# 826

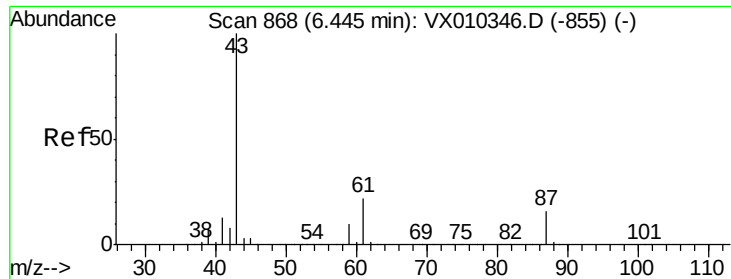
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		169582		
98	10.7	0.0	22.2		





#43

Isopropyl Acetate

Concen: 50.898 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

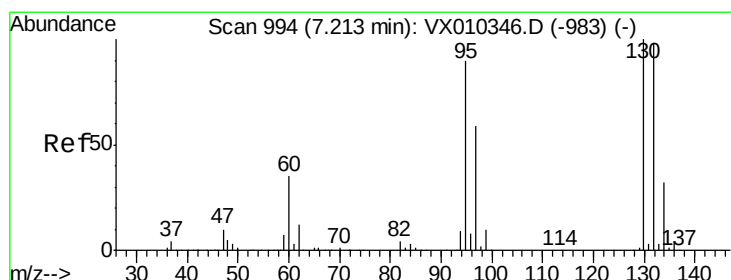
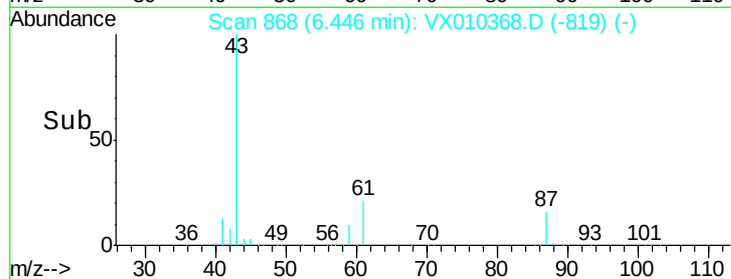
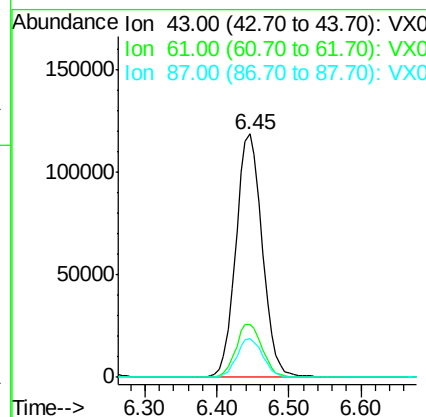
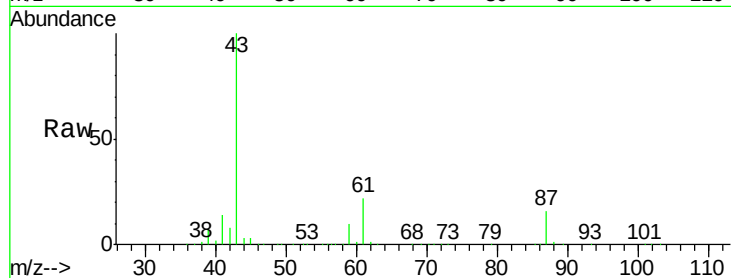
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	43	Resp:	300094
Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	16.0	13.0	19.4

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#44

Trichloroethene

Concen: 49.636 ug/l

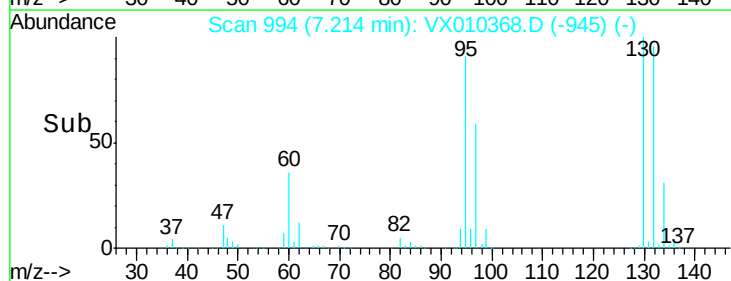
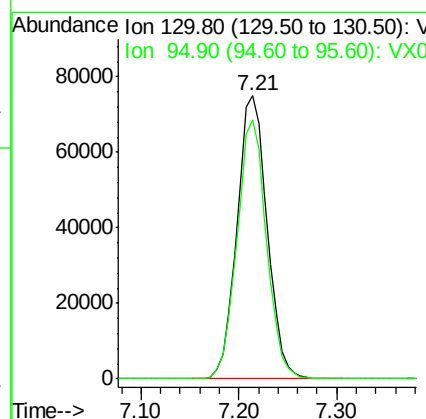
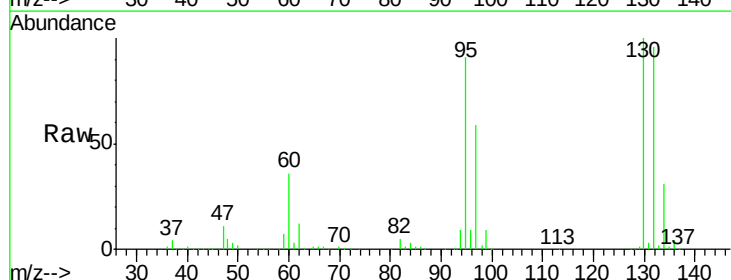
RT: 7.21 min Scan# 994

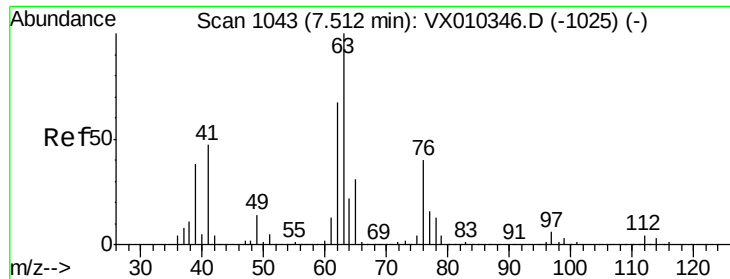
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	130	Resp:	160288
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 50.061 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 63 Resp: 136430

Ion Ratio Lower Upper

63 100

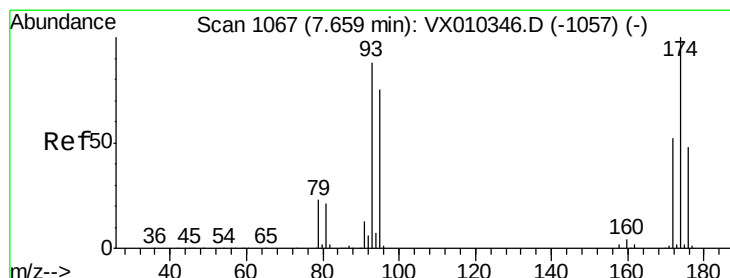
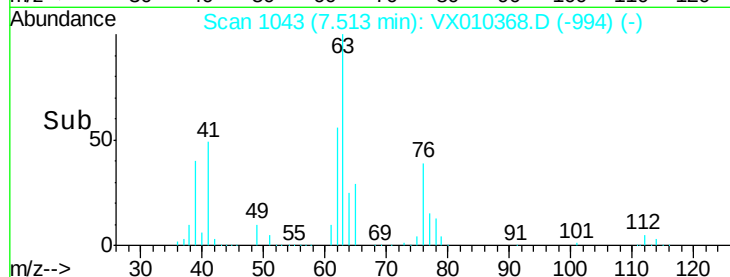
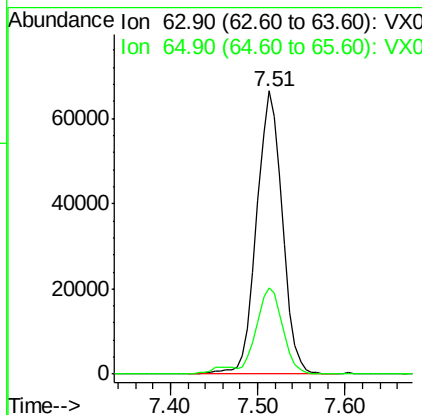
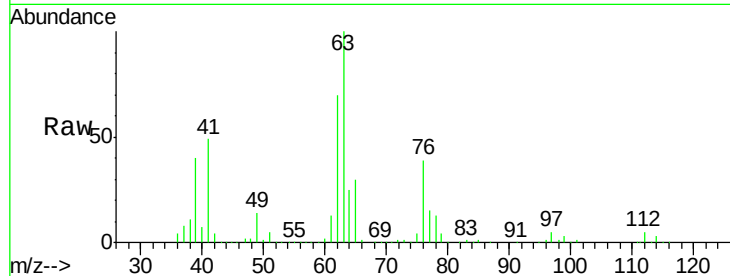
65 30.4 24.8 37.2

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#46

Dibromomethane

Concen: 51.045 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

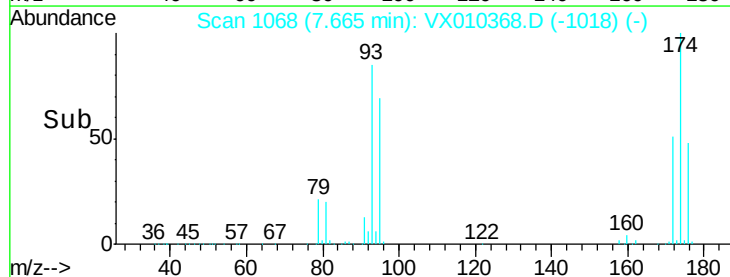
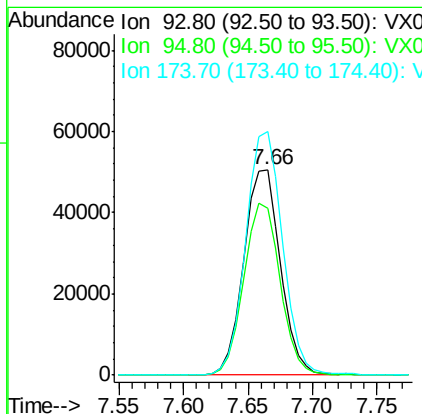
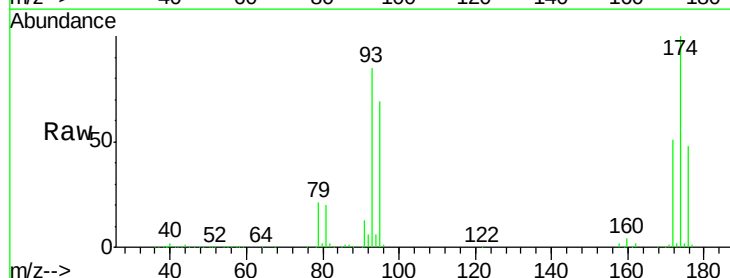
Tgt Ion: 93 Resp: 99810

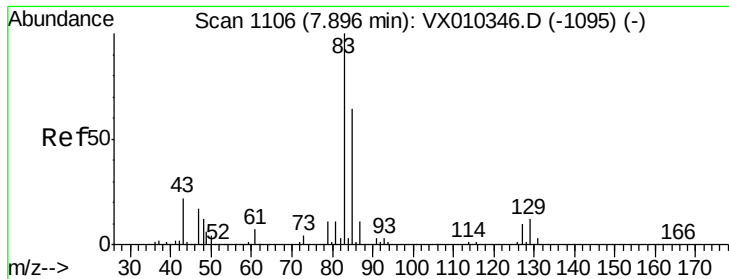
Ion Ratio Lower Upper

93 100

95 83.5 67.5 101.3

174 119.1 95.8 143.6





#47

Bromodichloromethane

Concen: 51.607 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

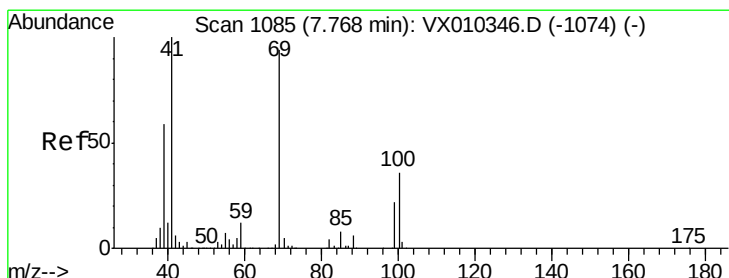
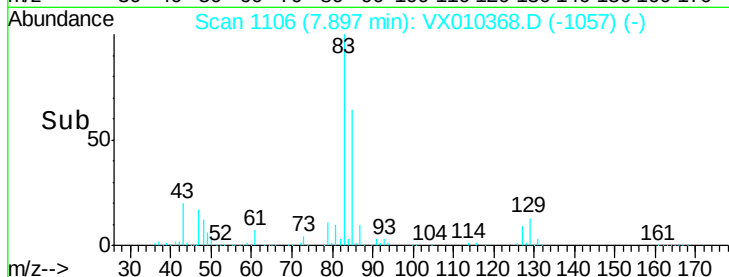
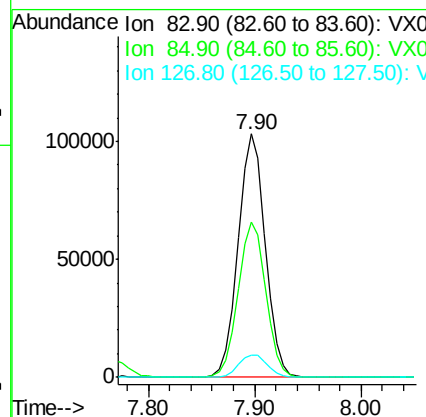
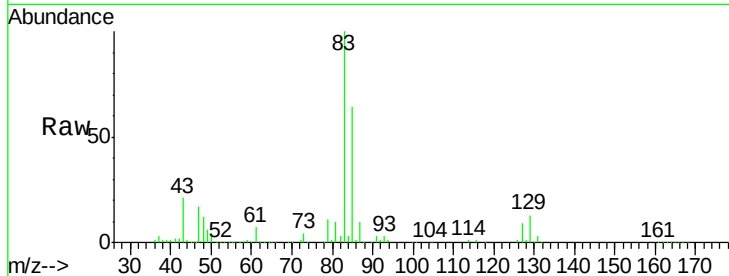
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	83	Resp:	184927
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.5	77.3
127	9.1	7.8	11.8

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#48

Methyl methacrylate

Concen: 52.825 ug/l

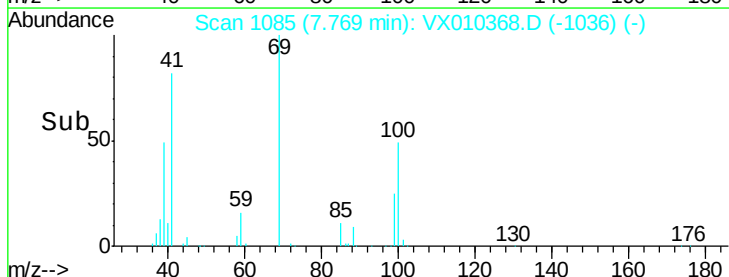
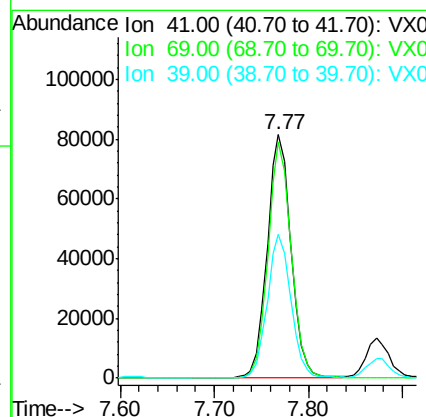
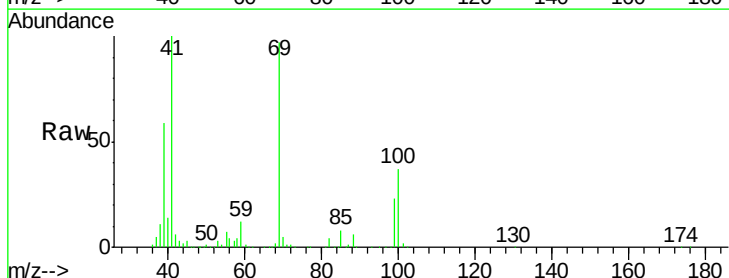
RT: 7.77 min Scan# 1085

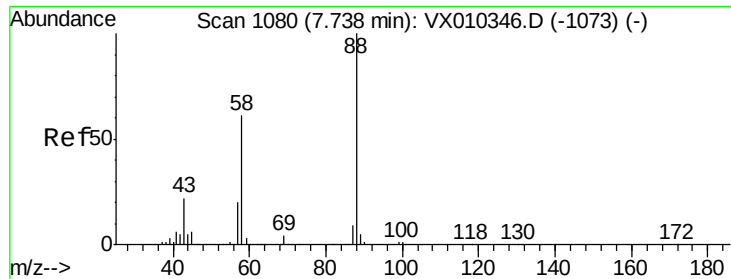
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	41	Resp:	144769
Ion Ratio	Lower	Upper	
41	100		
69	95.2	76.1	114.1
39	58.9	47.6	71.4





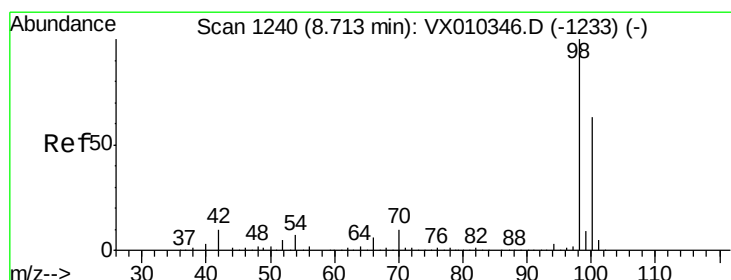
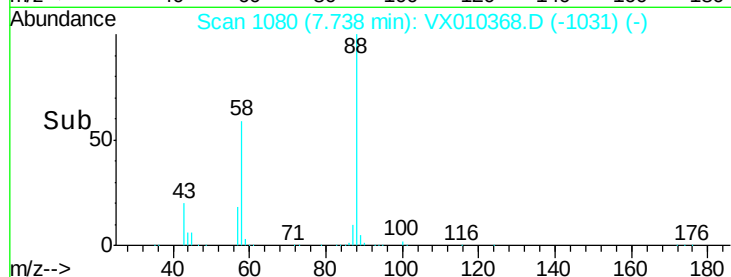
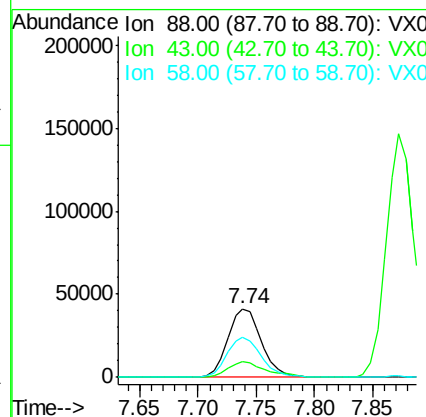
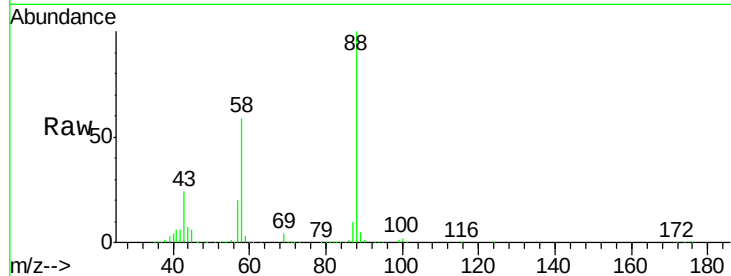
#49
 1,4-Dioxane
 Concen: 1048.598 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	88	Resp	82784
Ion Ratio	100	Lower	Upper
88	100		
43	25.6	20.2	30.2
58	61.1	49.5	74.3

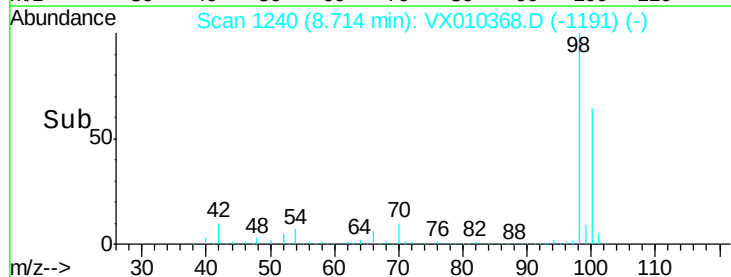
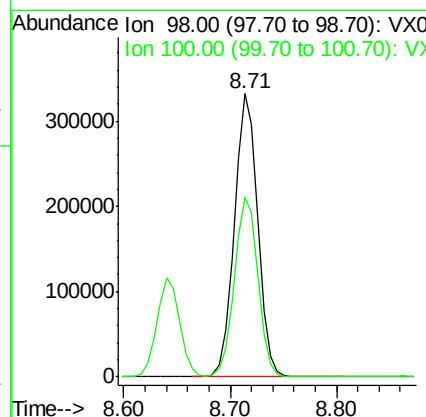
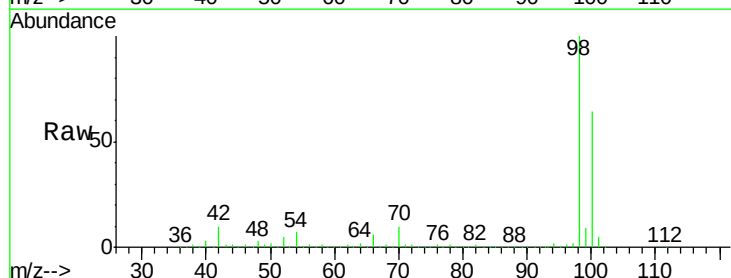
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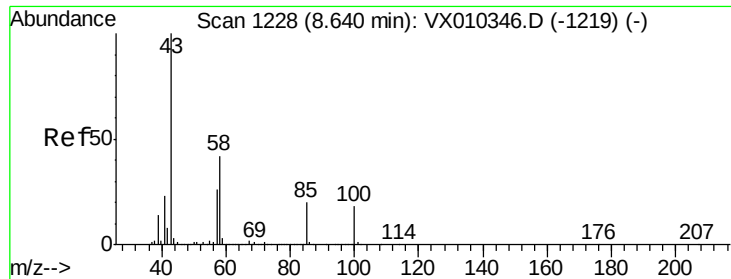
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#50
 Toluene-d8
 Concen: 49.842 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	98	Resp	508568
Ion Ratio	100	Lower	Upper
98	100		
100	64.2	51.6	77.4





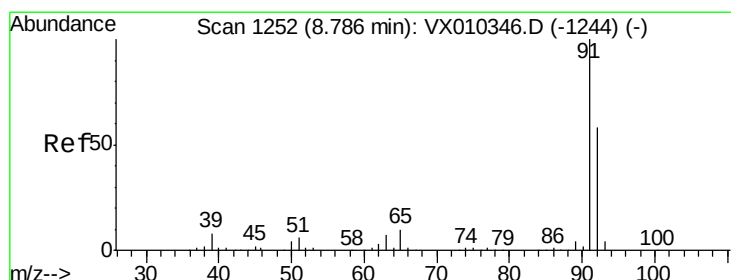
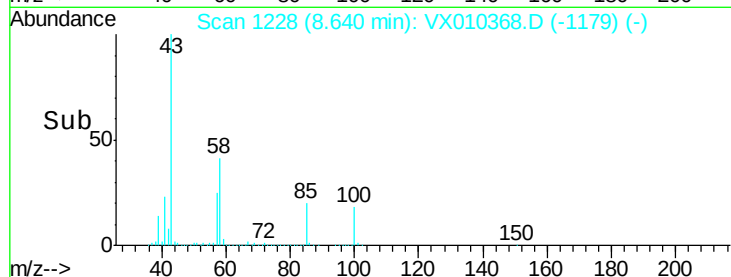
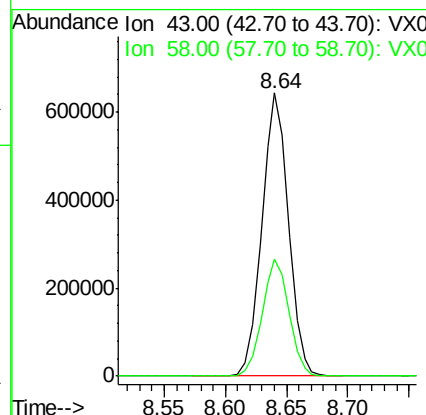
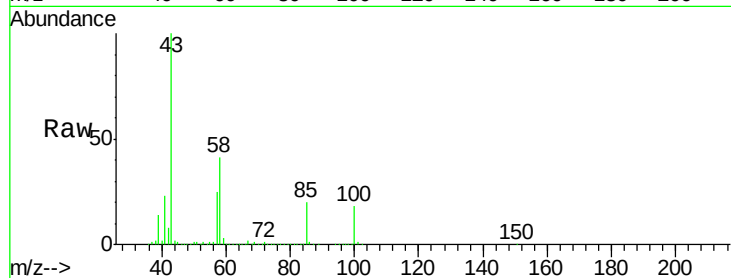
#51
4-Methyl-2-Pentanone
Concen: 258.208 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	33.5	50.3

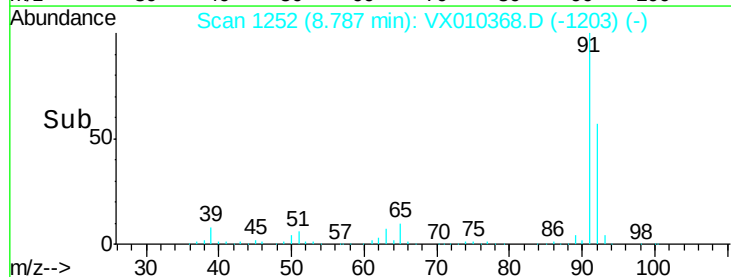
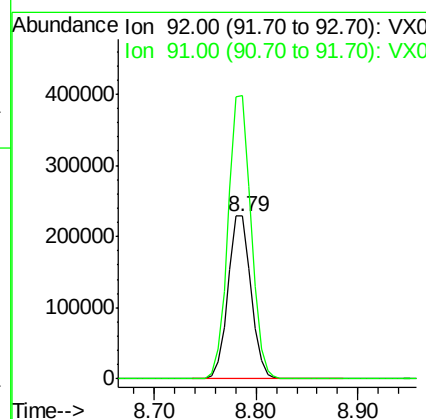
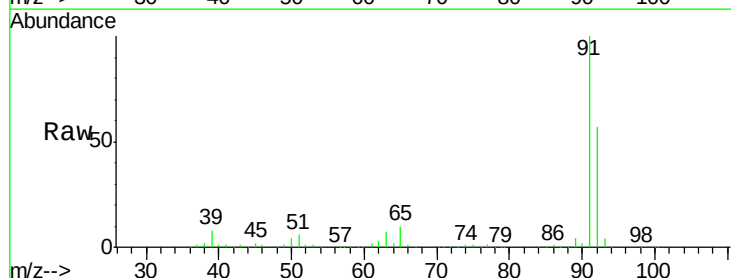
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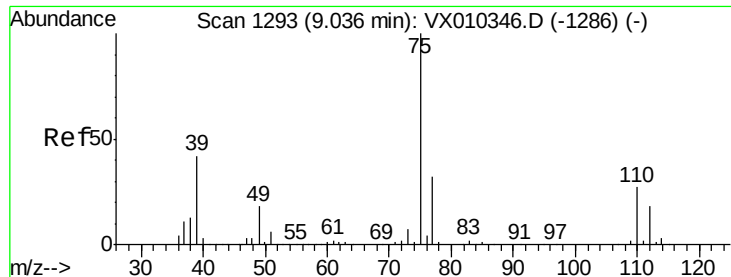
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#52
Toluene
Concen: 50.242 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.8	209.6





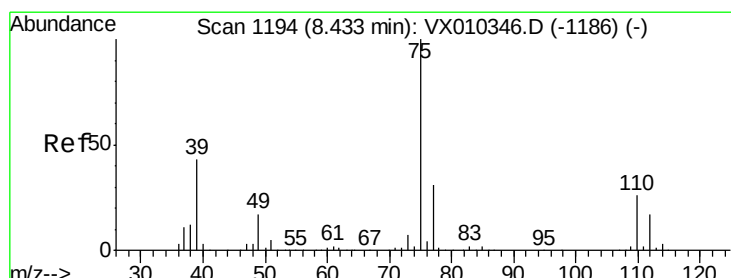
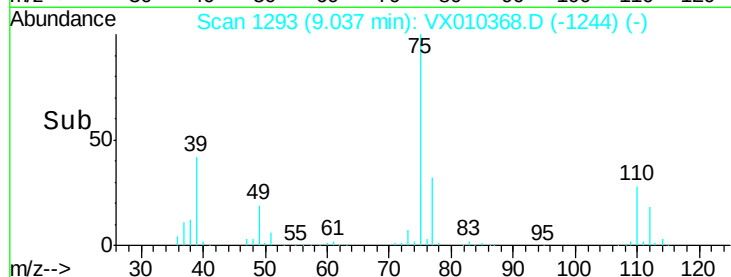
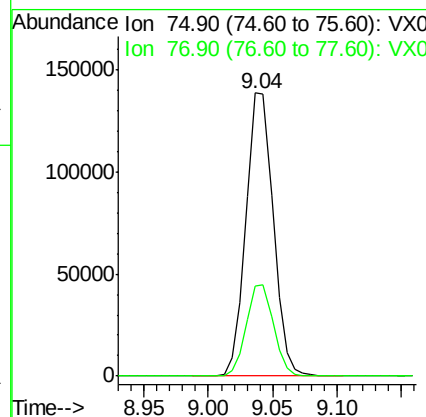
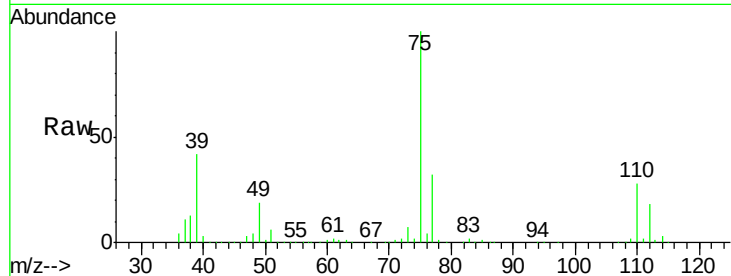
#53
 t-1,3-Dichloropropene
 Concen: 50.759 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion: 75 Resp: 203923
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2

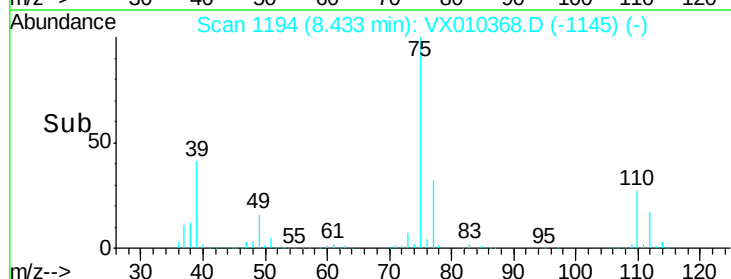
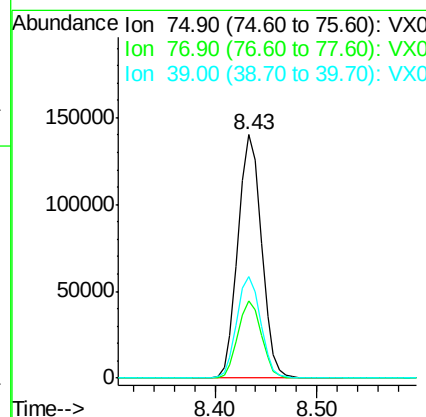
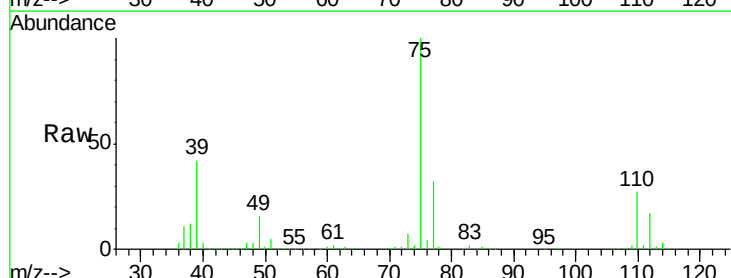
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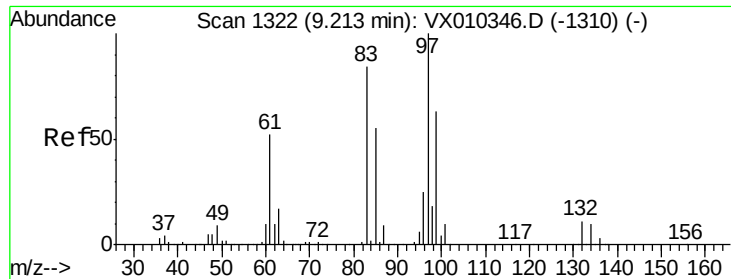
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#54
 cis-1,3-Dichloropropene
 Concen: 51.304 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 223984
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 41.4 34.5 51.7





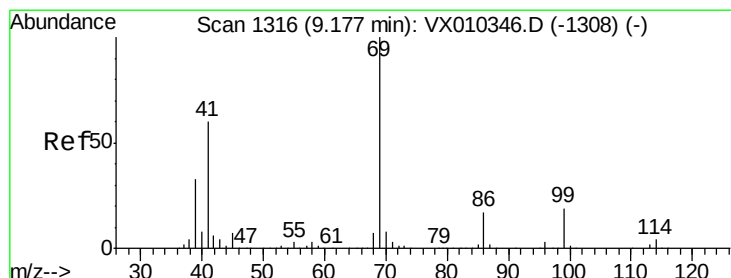
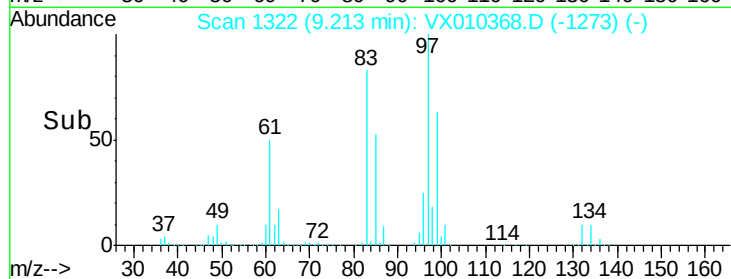
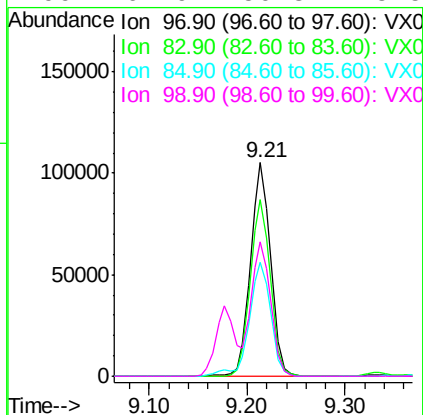
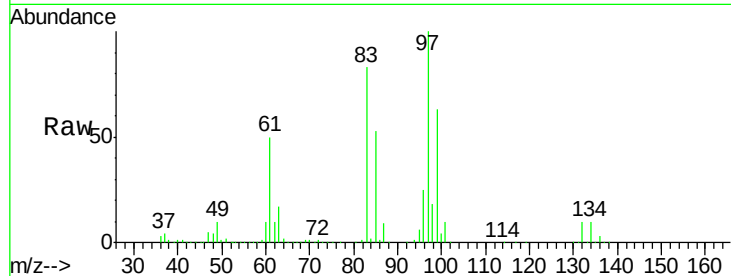
#55
 1,1,2-Trichloroethane
 Concen: 51.022 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		149547		
83	83.0	67.4	101.0		
85	53.2	43.8	65.8		
99	62.9	50.3	75.5		

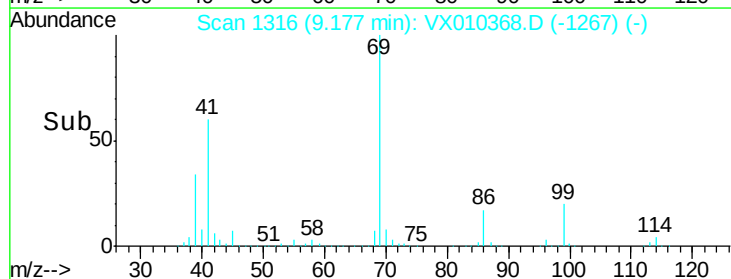
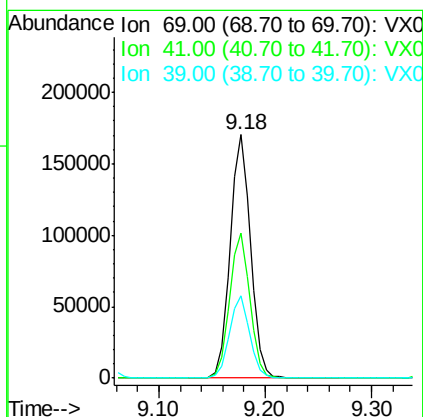
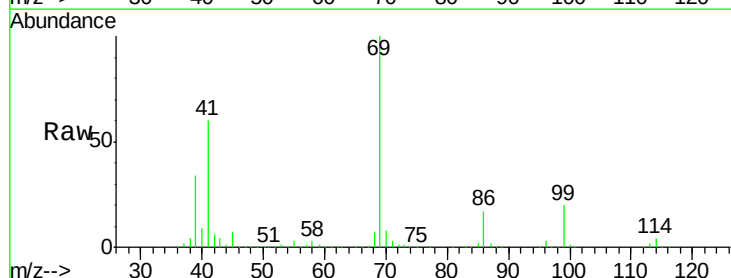
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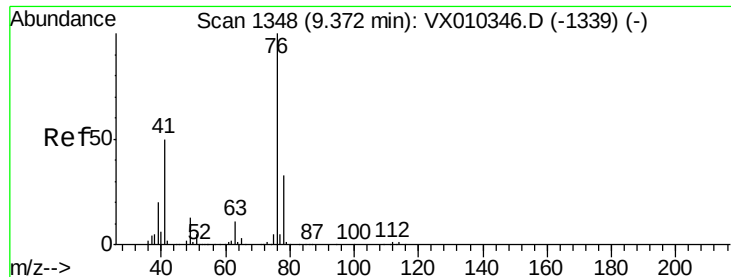
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#56
 Ethyl methacrylate
 Concen: 51.586 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		229047		
41	59.2	47.1	70.7		
39	33.4	26.6	40.0		





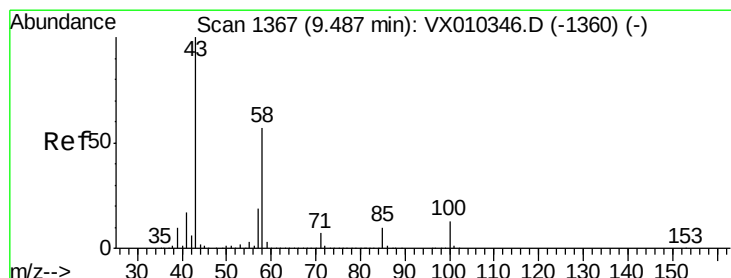
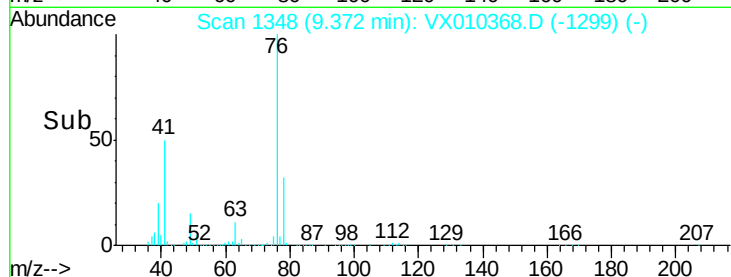
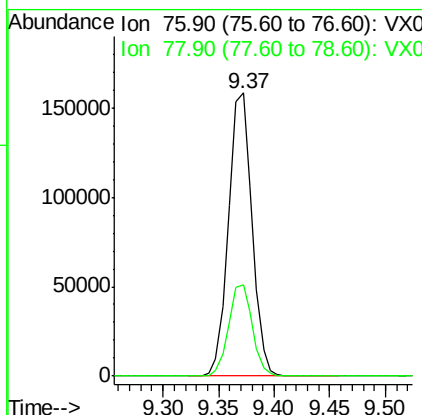
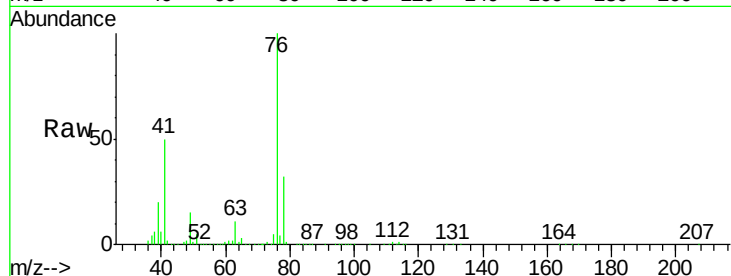
#57
 1,3-Dichloropropane
 Concen: 50.965 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

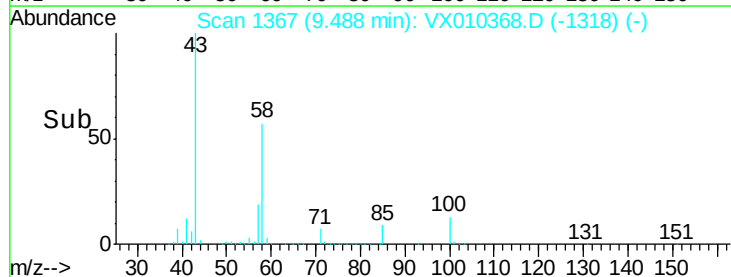
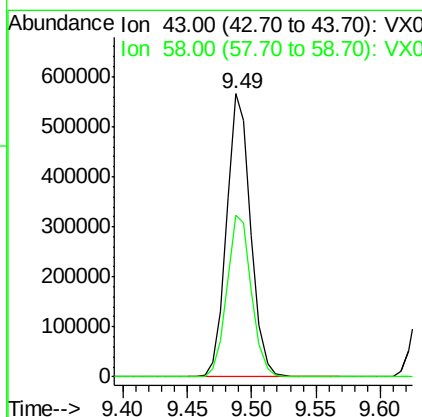
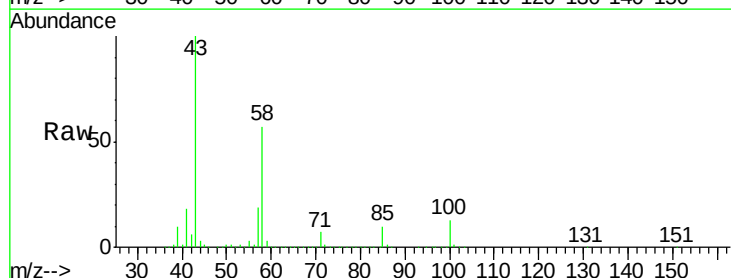
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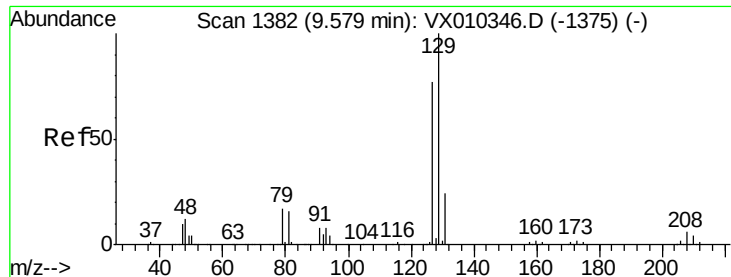
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#59
 2-Hexanone
 Concen: 250.361 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.4	29.0	87.1





#60

Dibromochloromethane

Concen: 52.321 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:129 Resp: 171708

Ion Ratio Lower Upper

129 100

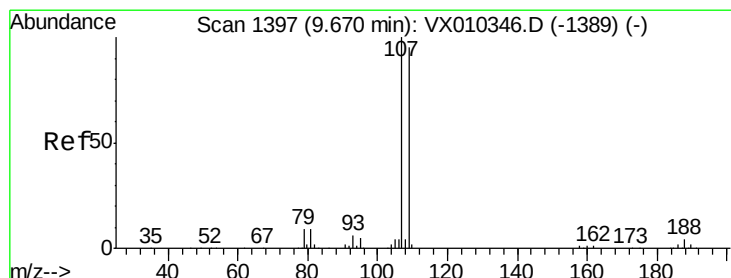
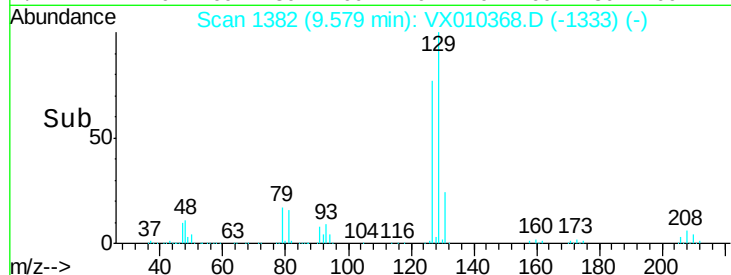
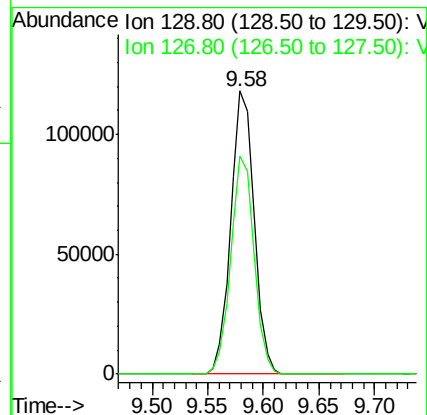
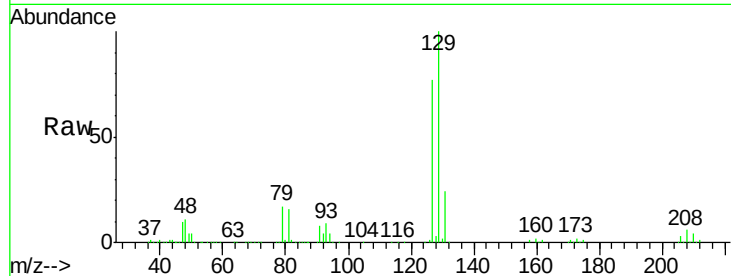
127 76.7 38.4 115.1

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#61

1,2-Dibromoethane

Concen: 52.081 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010368.D

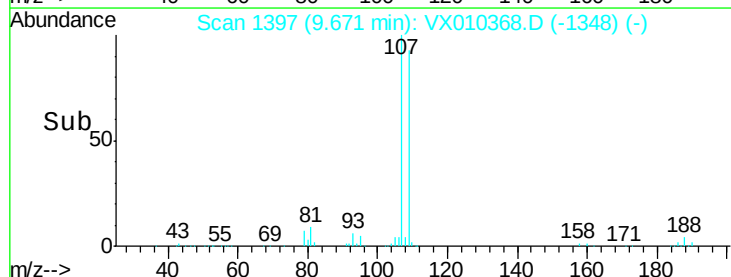
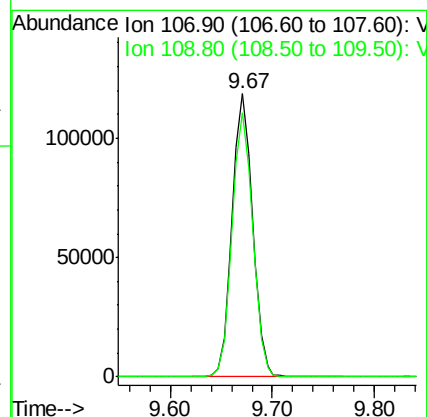
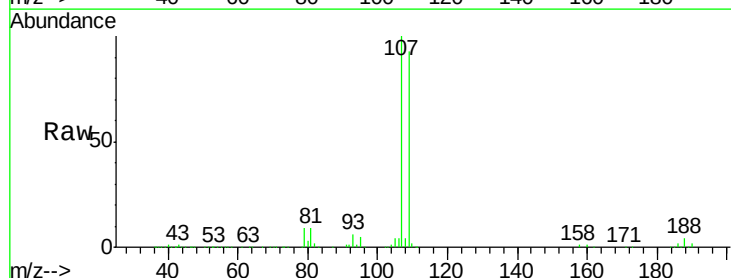
Acq: 20 Jun 2019 19:32

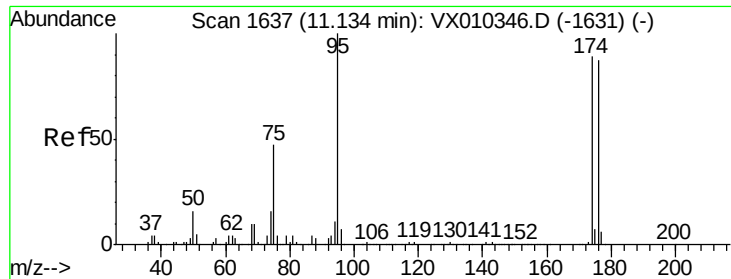
Tgt Ion:107 Resp: 164769

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.6





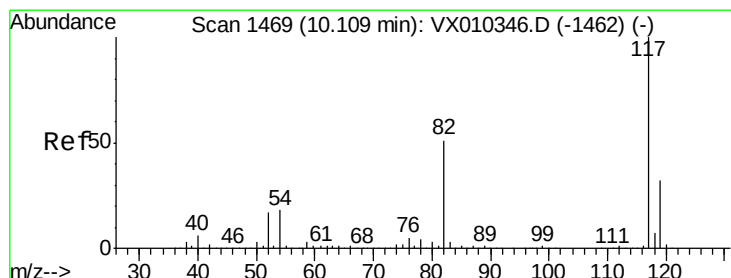
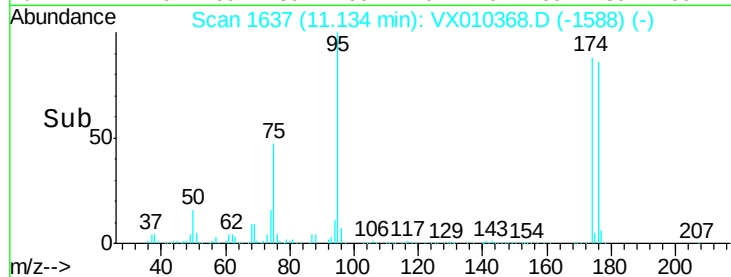
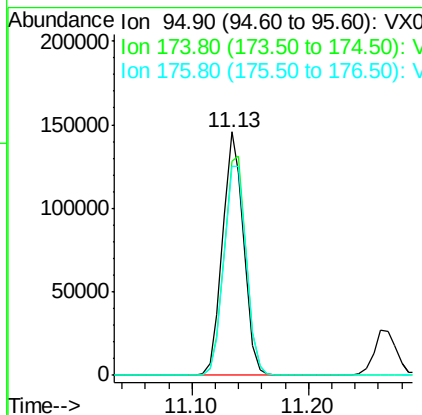
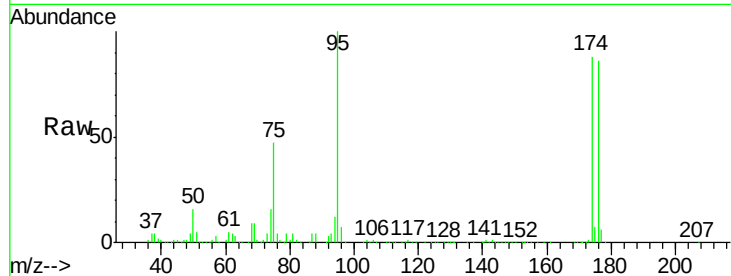
#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	181217		
174	94.6	0.0	187.6	
176	92.0	0.0	184.0	

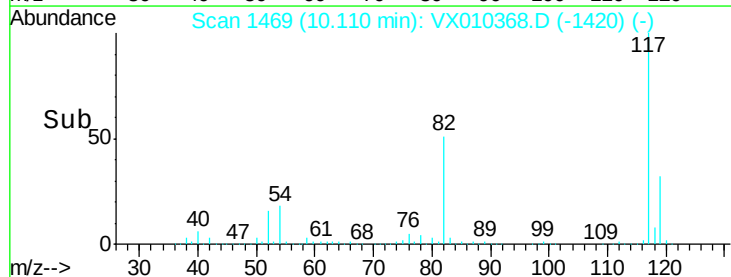
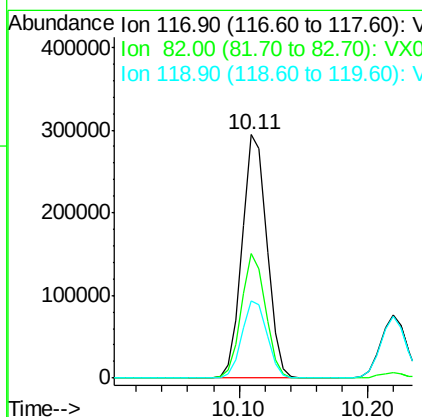
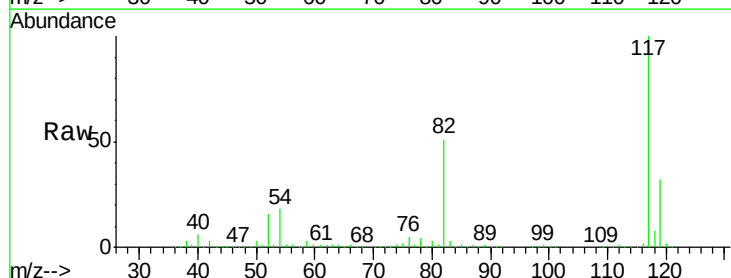
Manual Integrations
APPROVED

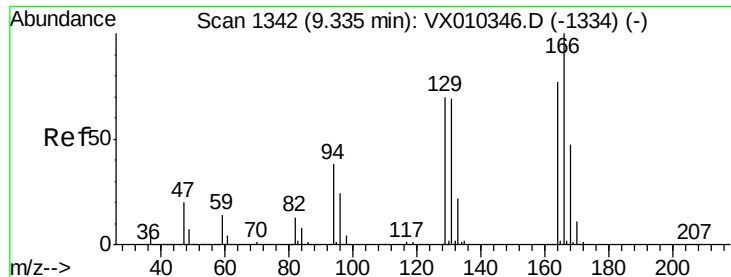
MMDadoda
6/21/2019 11:35:31 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390551		
82	51.1	41.2	61.8	
119	31.8	25.5	38.3	





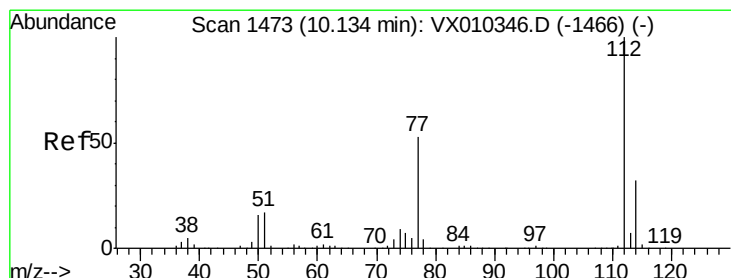
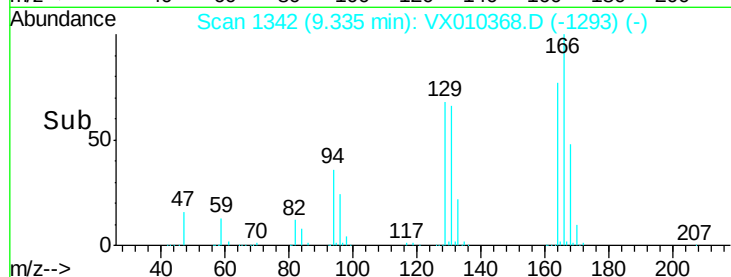
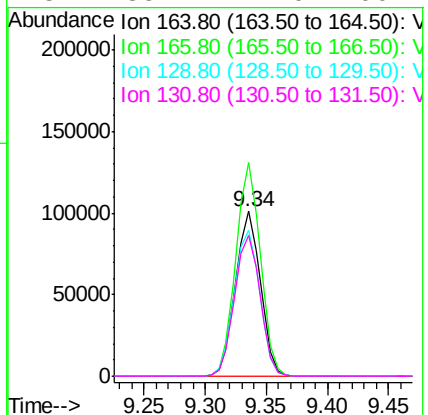
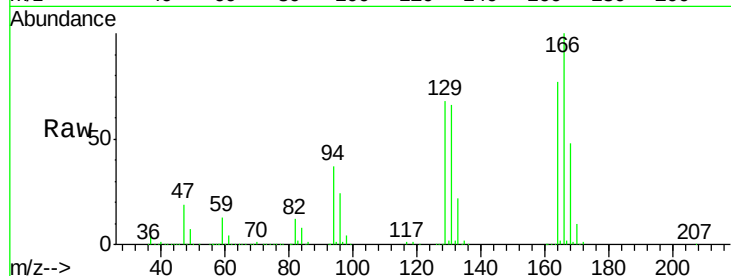
#64
Tetrachloroethene
Concen: 45.142 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.4	103.6	155.4	
129	88.4	73.0	109.4	
131	85.1	71.0	106.4	

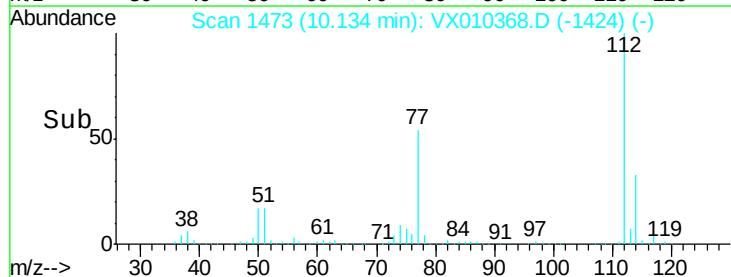
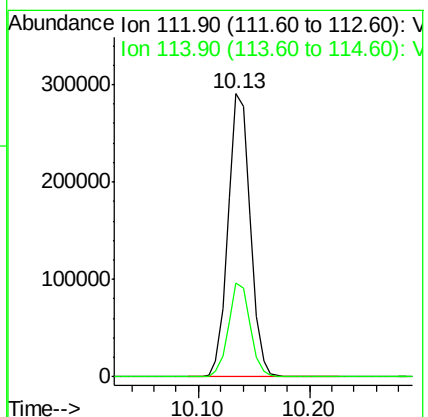
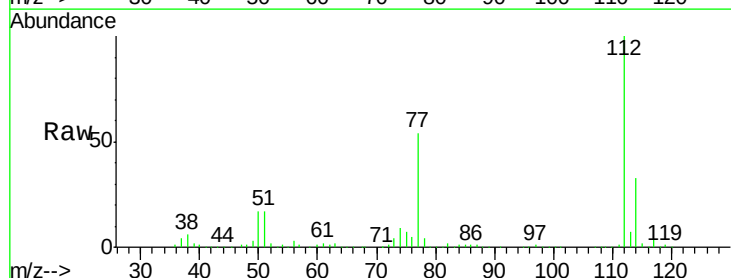
Manual Integrations
APPROVED

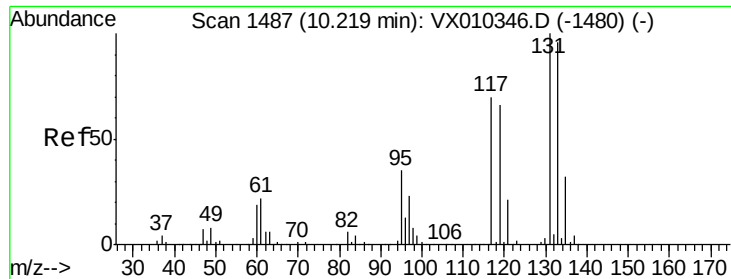
MMDadoda
6/21/2019 11:35:31 AM



#65
Chlorobenzene
Concen: 50.466 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	33.0	25.4	38.2	





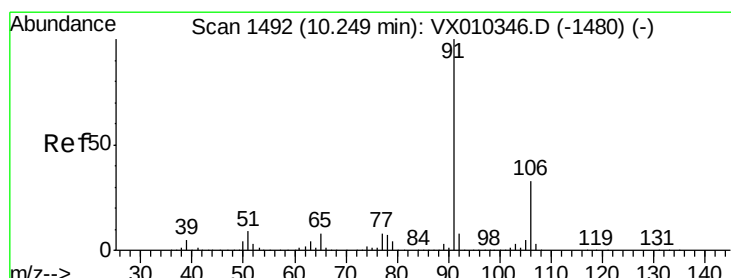
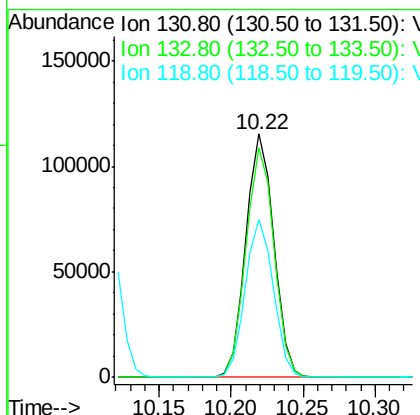
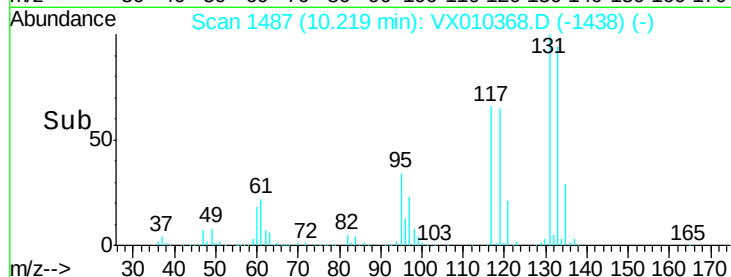
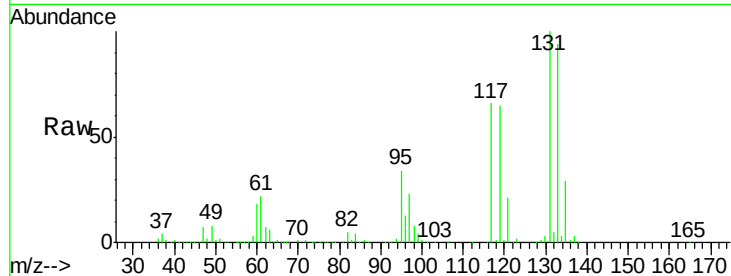
#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.645 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.7	143.1
119	65.0	32.6	97.7

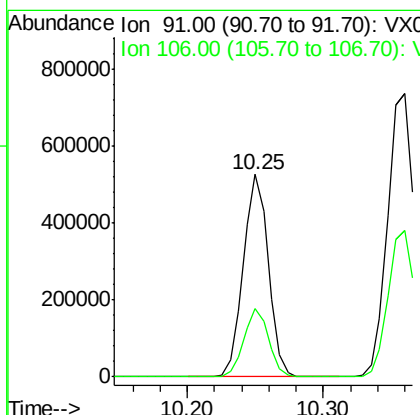
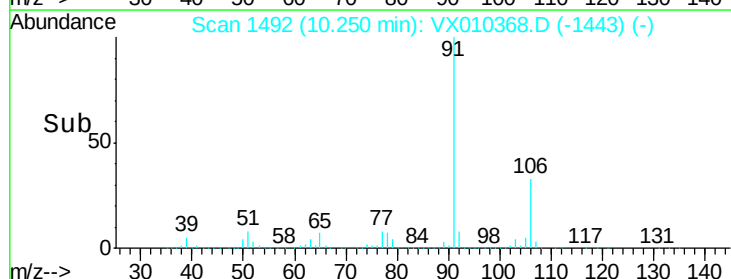
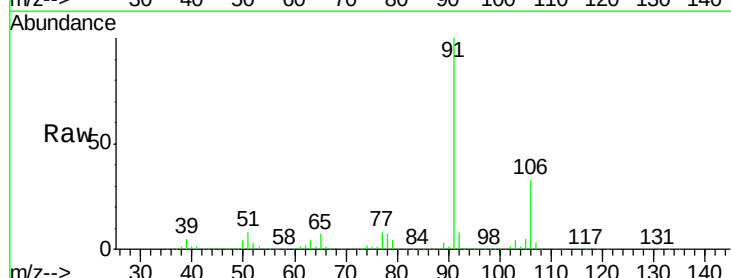
Manual Integrations
 APPROVED

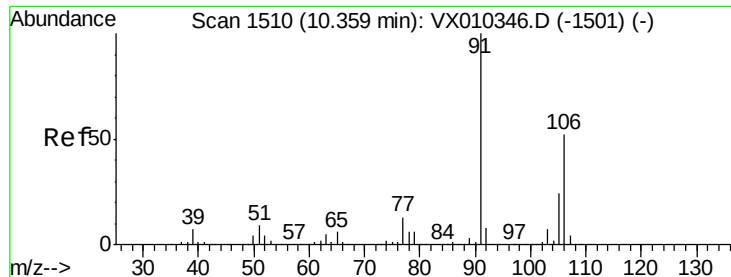
MMDadoda
 6/21/2019 11:35:31 AM



#67
 Ethyl Benzene
 Concen: 50.761 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	26.2	39.2





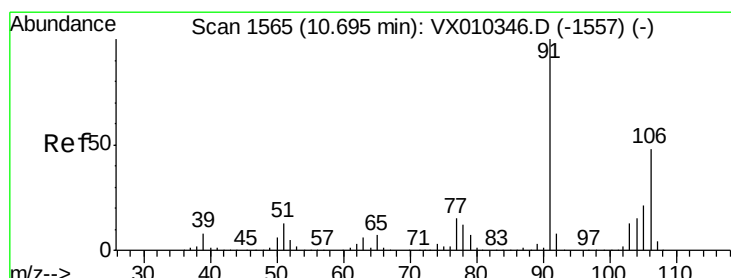
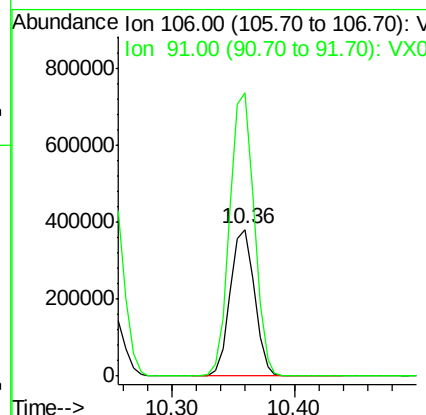
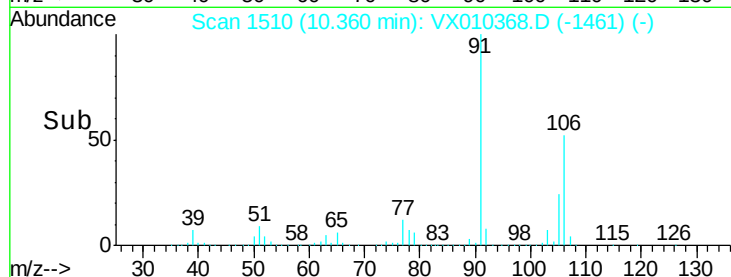
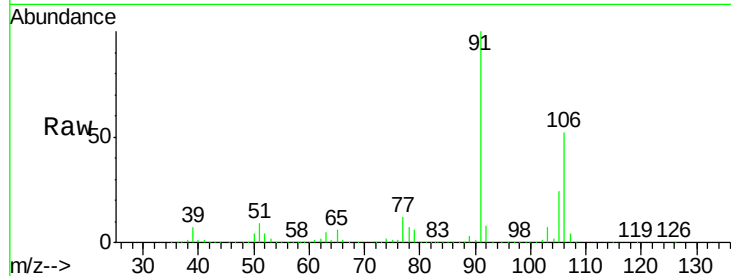
#68
m/p-Xylenes
Concen: 101.081 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion:106 Resp: 524271
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

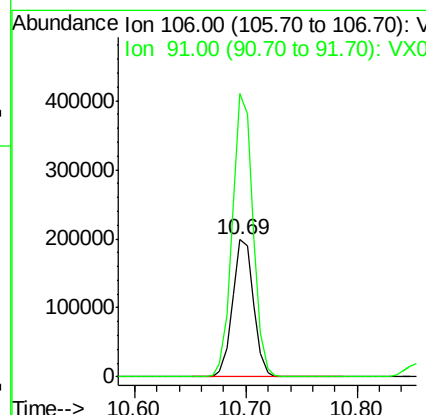
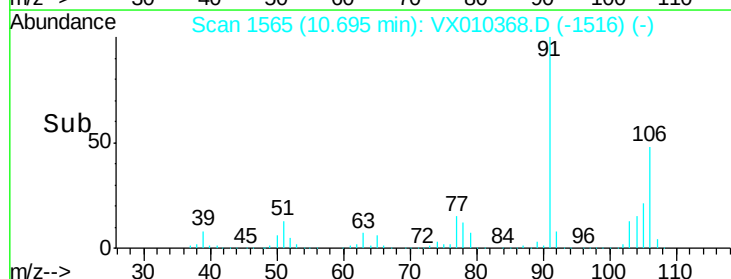
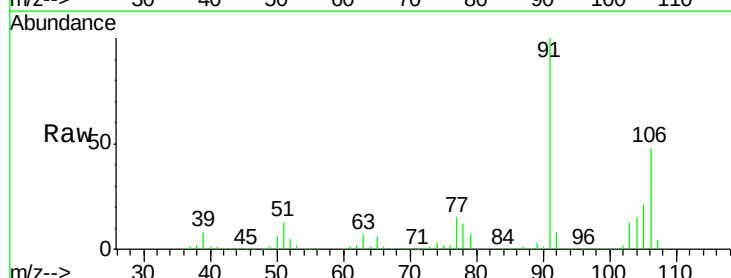
Manual Integrations
APPROVED

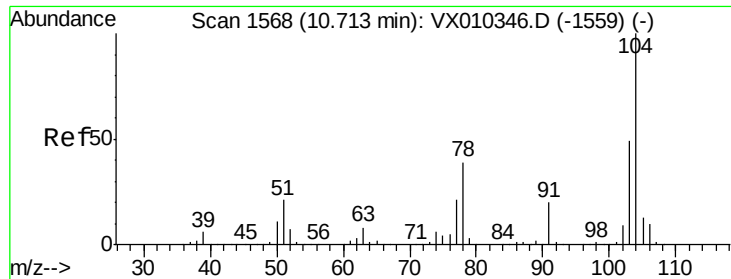
MMDadoda
6/21/2019 11:35:31 AM



#69
o-Xylene
Concen: 50.591 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:106 Resp: 258044
Ion Ratio Lower Upper
106 100
91 203.5 102.7 308.1





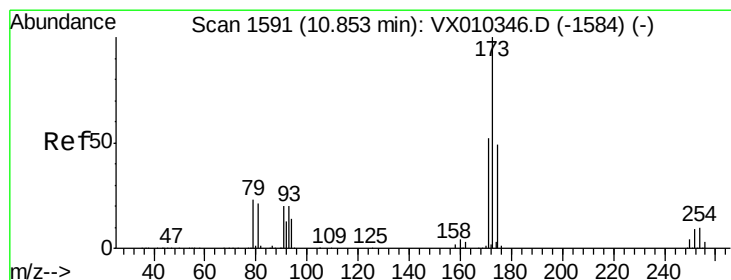
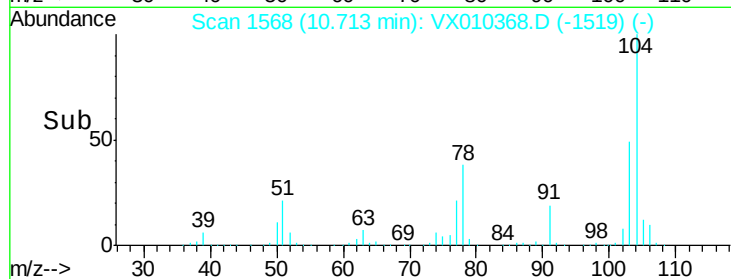
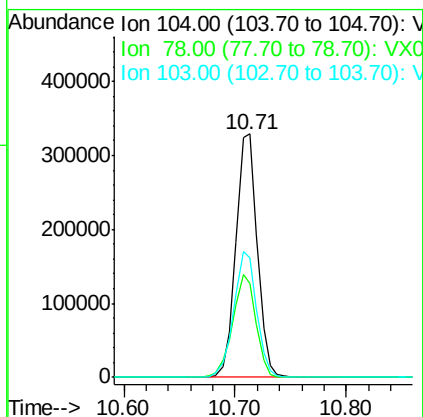
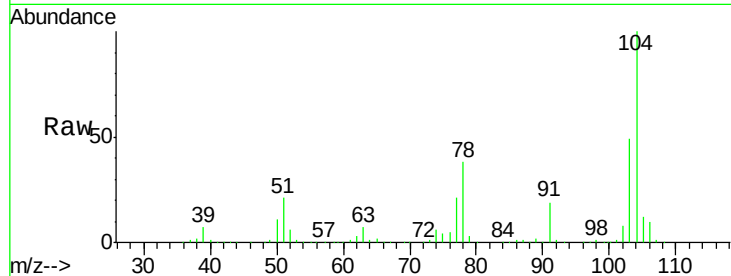
#70
Stvrene
Concen: 51.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.5	36.2	54.2
103	55.3	44.2	66.4

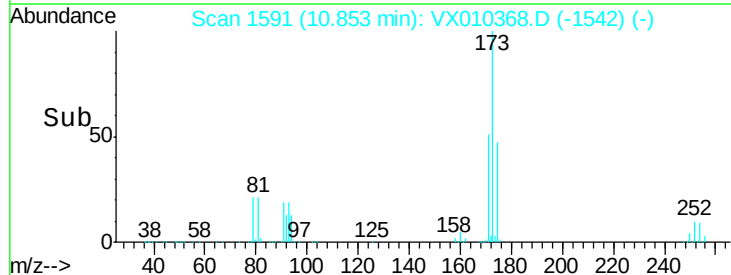
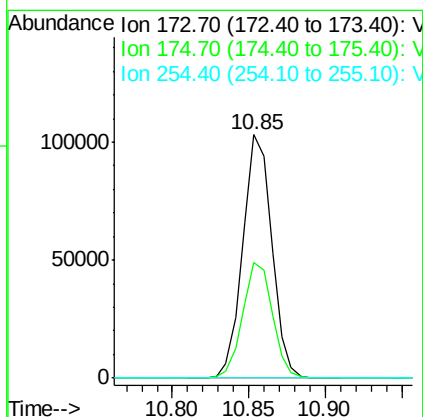
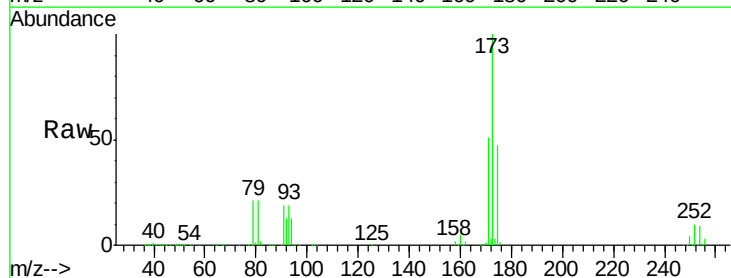
Manual Integrations
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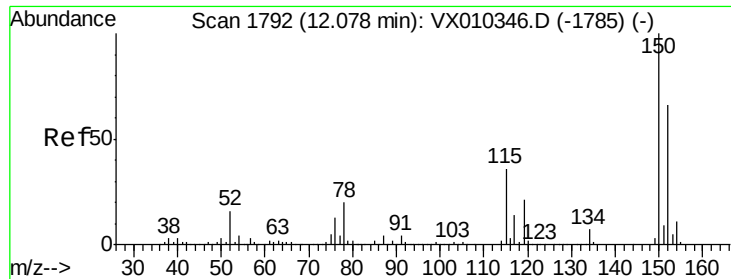
MMDadoda
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#71
Bromoform
Concen: 54.310 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	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: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:152 Resp: 196602

Ion Ratio Lower Upper

152 100

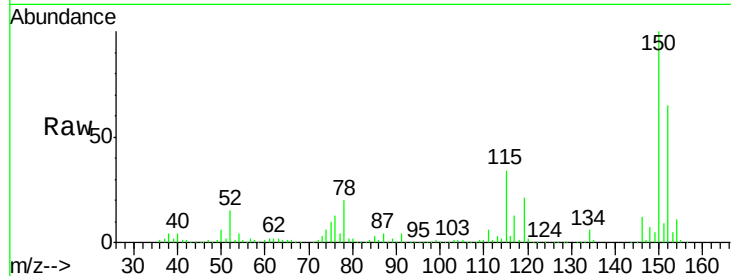
115 77.7 38.6 115.7

150 173.5 0.0 347.4

Manual Integrations
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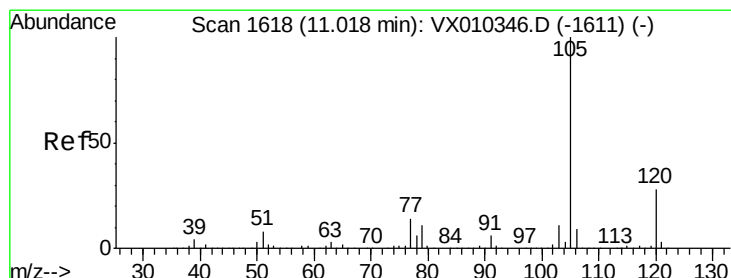
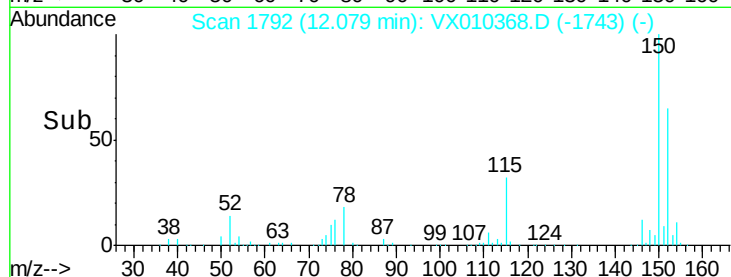
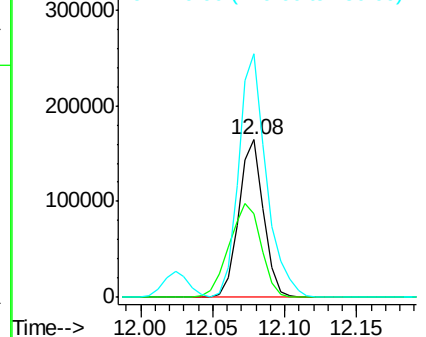
6/21/2019 11:35:31 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.661 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010368.D

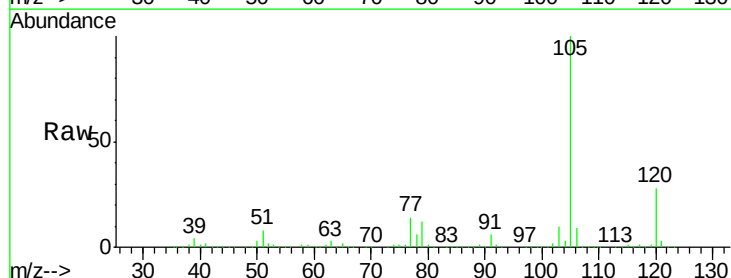
Acq: 20 Jun 2019 19:32

Tgt Ion:105 Resp: 675164

Ion Ratio Lower Upper

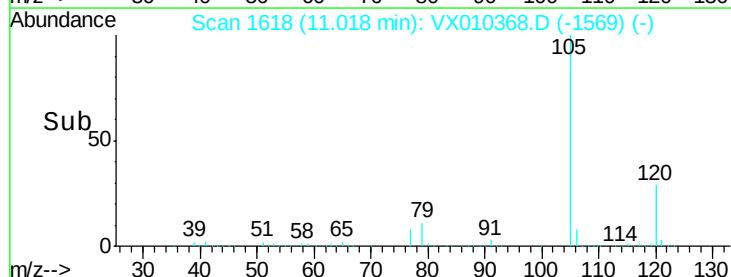
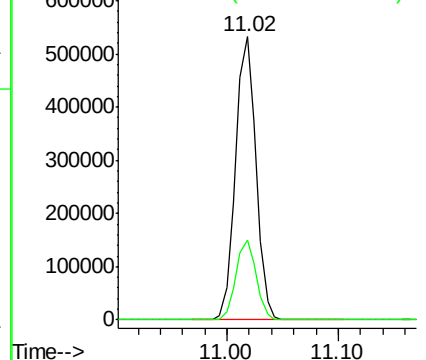
105 100

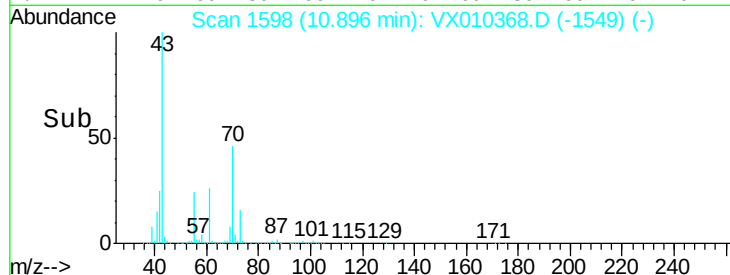
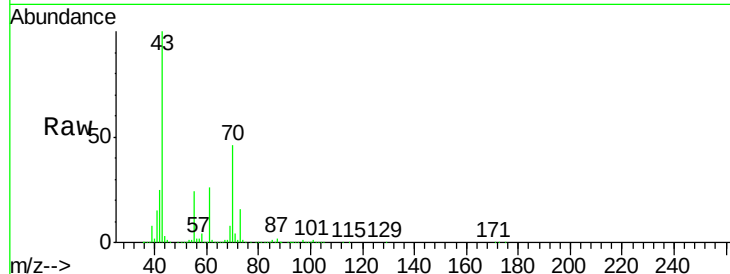
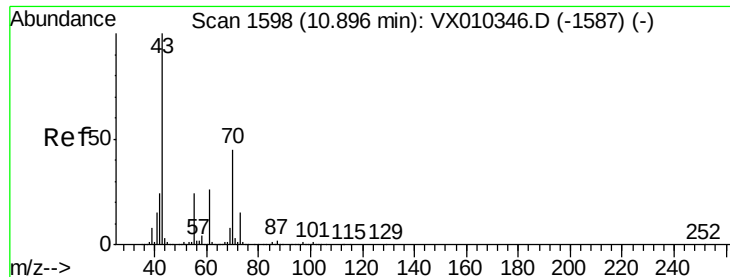
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.758 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tot Ion	43	Resp	260687
Ion Ratio	Lower	Upper	
43	100		
70	45.3	36.6	54.8
55	23.5	18.7	28.1
61	25.6	20.6	31.0

Instrument :

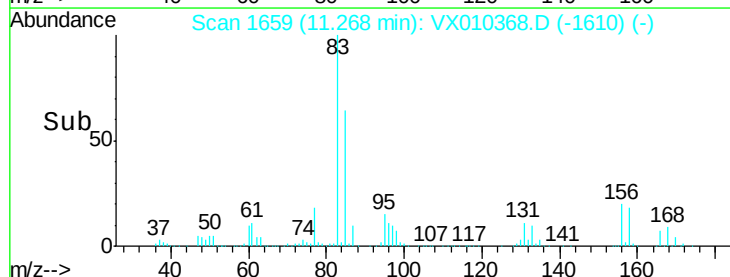
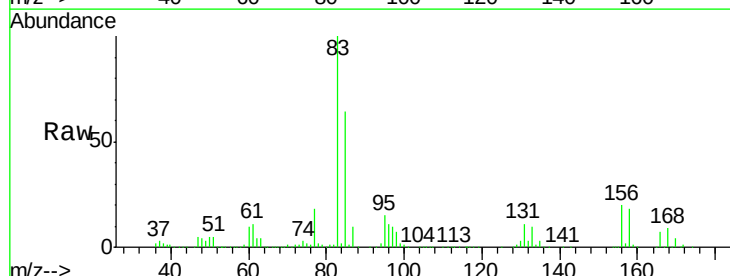
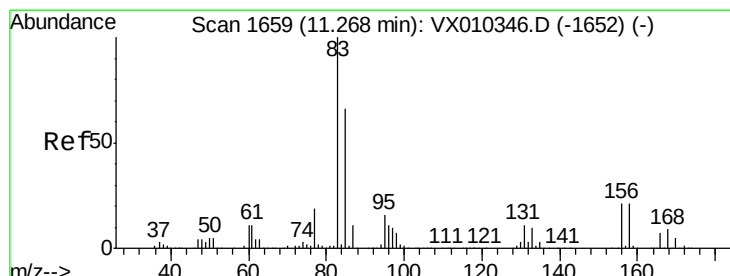
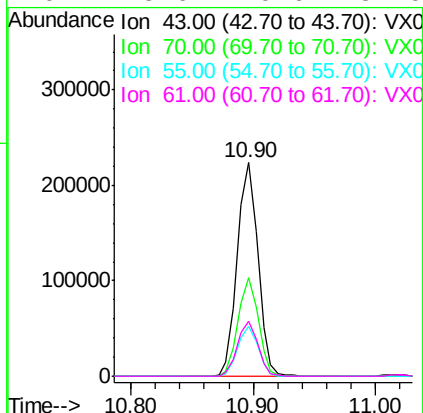
MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.998 ug/l

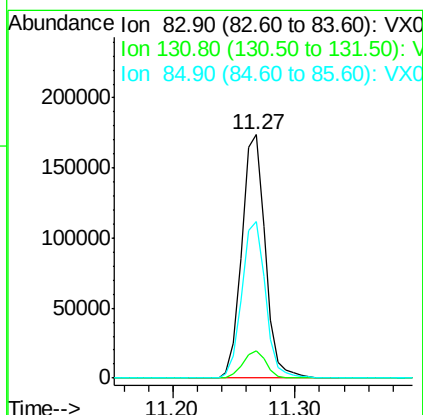
RT: 11.27 min Scan# 1659

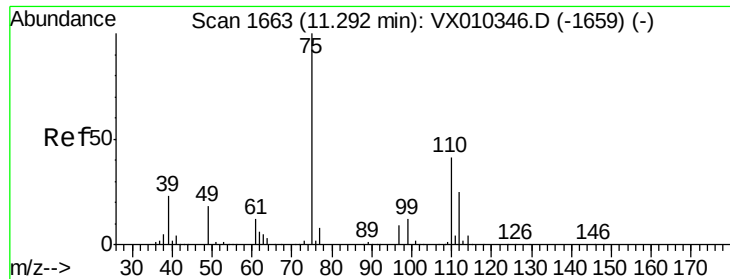
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion	83	Resp	229499
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.1	32.3	96.8





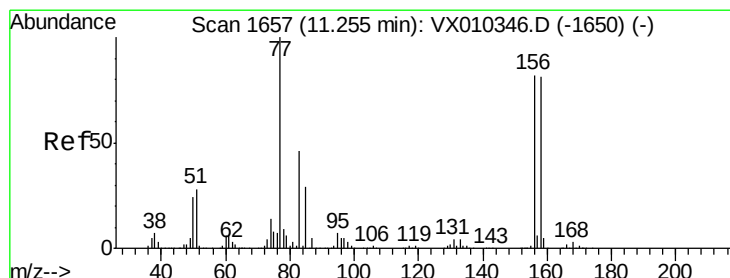
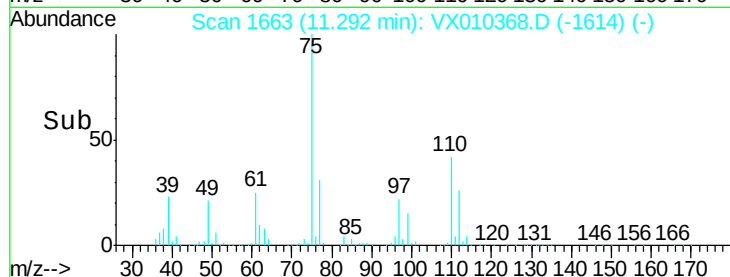
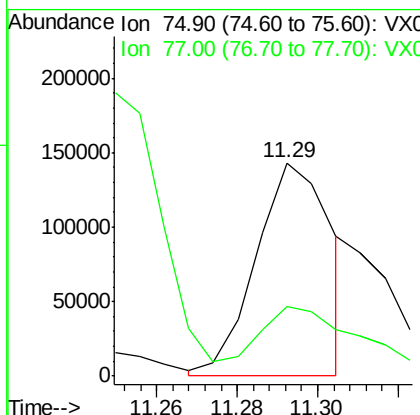
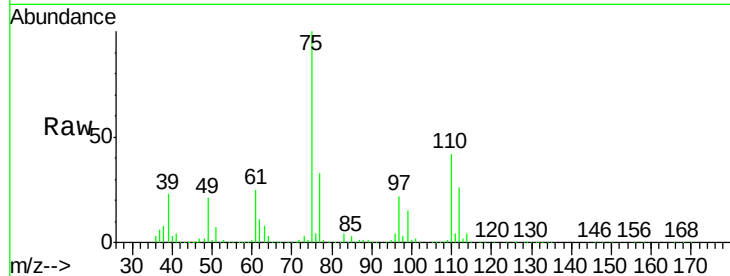
#76
1,2,3-Trichloropropane
Concen: 52.084 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion: 75 Resp: 186598
Ion Ratio Lower Upper
75 100
77 44.7 22.6 67.8

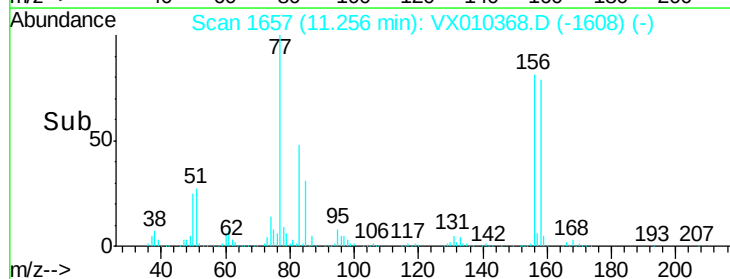
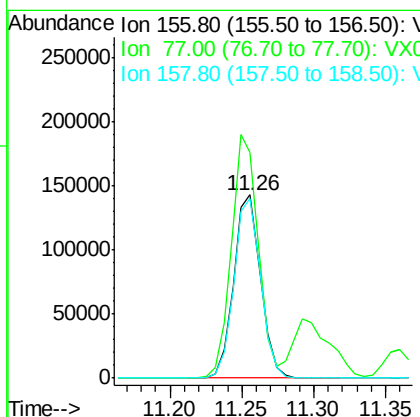
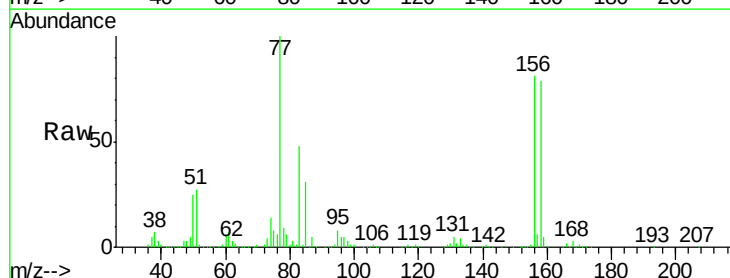
Manual Integrations
APPROVED

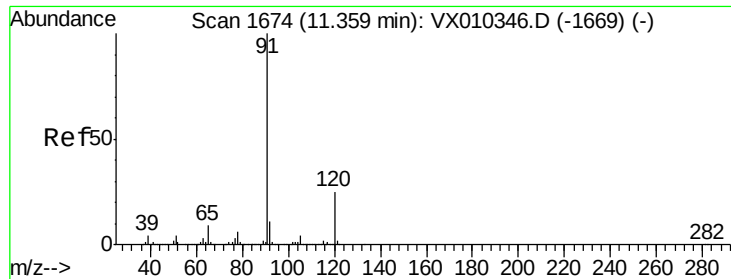
MMDadoda
6/21/2019 11:35:31 AM



#77
Bromobenzene
Concen: 50.047 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 156 Resp: 186242
Ion Ratio Lower Upper
156 100
77 133.6 66.3 198.7
158 97.9 48.9 146.7





#78

n-propylbenzene

Concen: 51.200 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 91 Resp: 749932

Ion Ratio Lower Upper

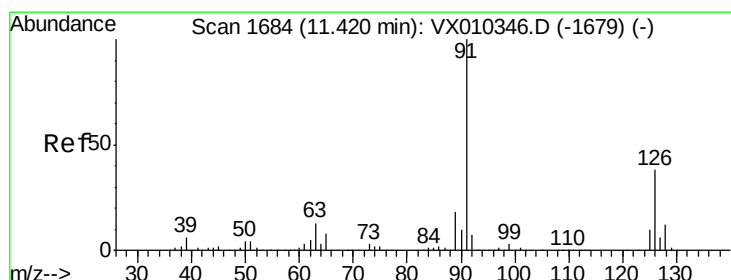
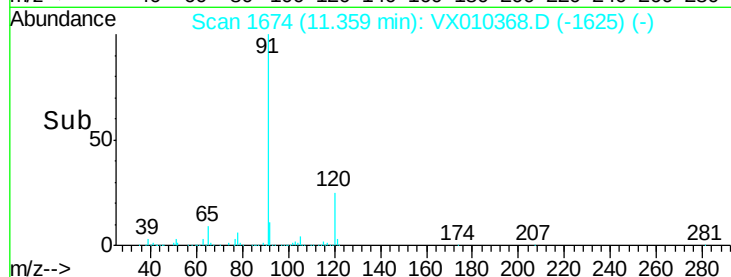
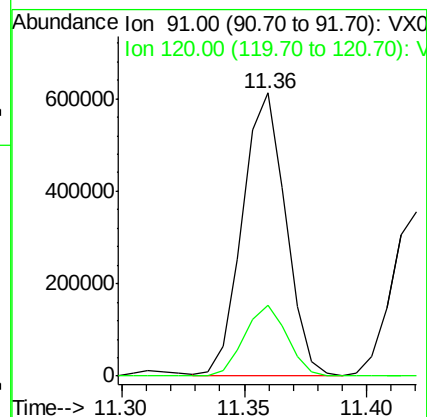
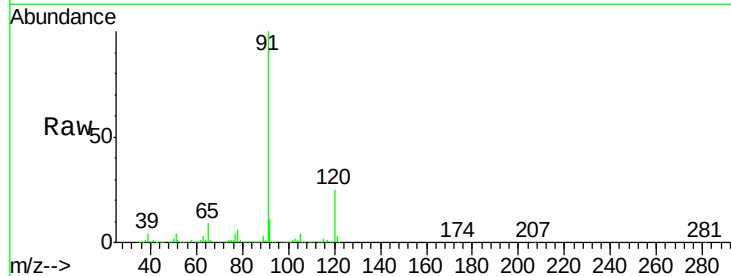
91 100

120 25.0 12.4 37.4

Manual Integrations
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6/21/2019 11:35:31 AM



#79

2-Chlorotoluene

Concen: 50.443 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010368.D

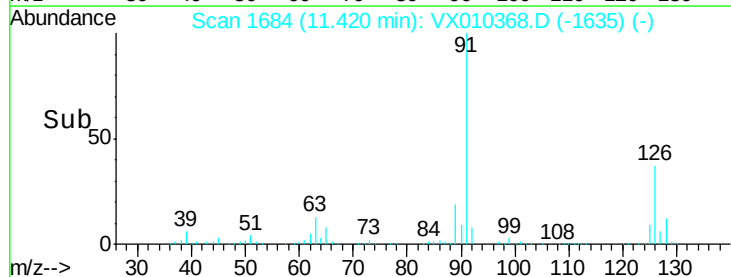
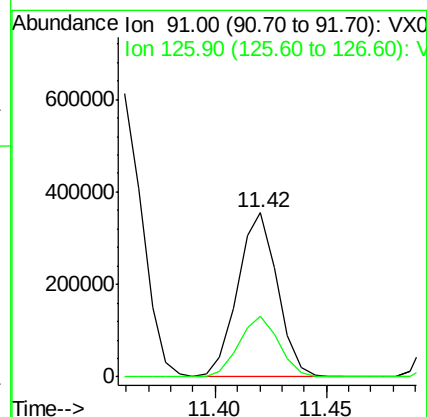
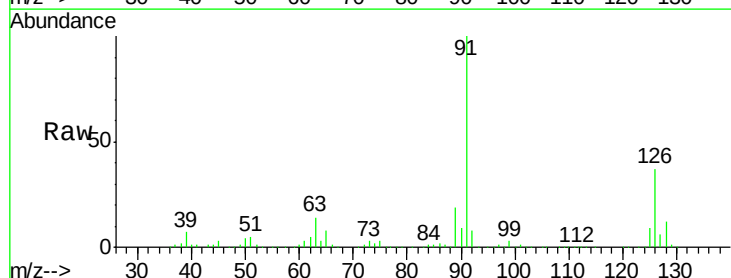
Acq: 20 Jun 2019 19:32

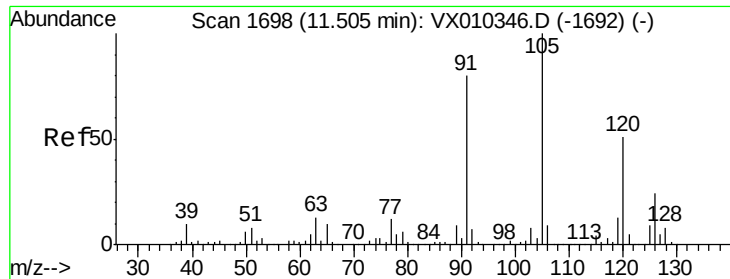
Tgt Ion: 91 Resp: 439965

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1





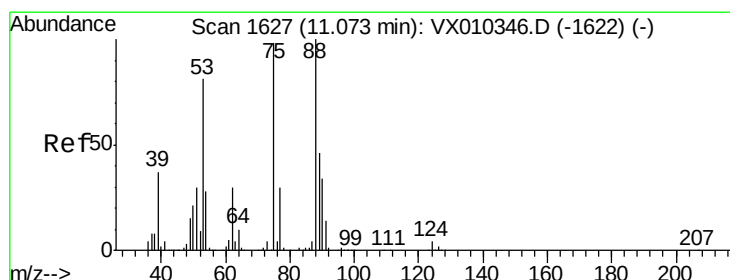
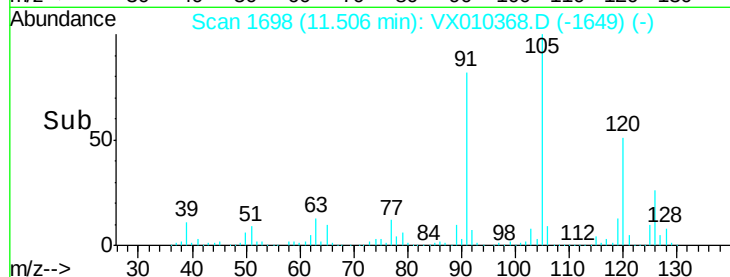
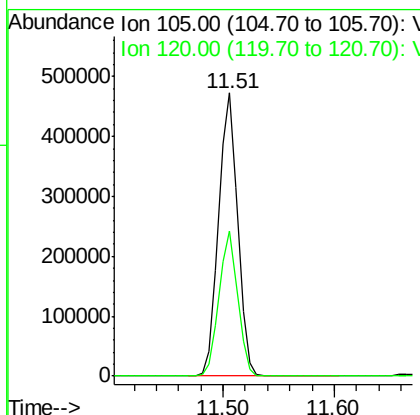
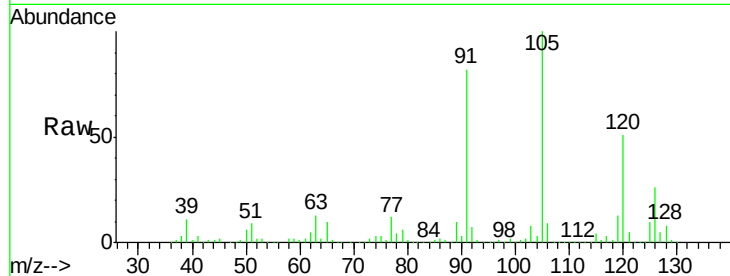
#80
 1,3,5-Trimethylbenzene
 Concen: 51.125 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion:105 Resp: 561688
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6

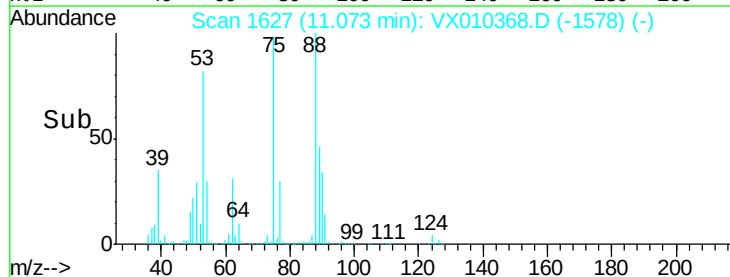
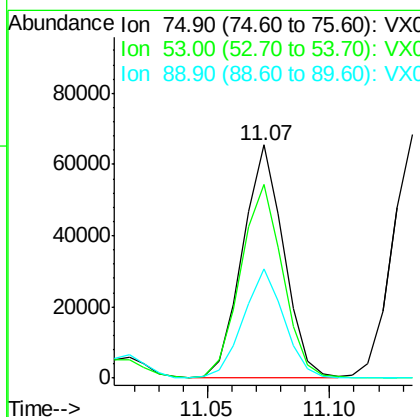
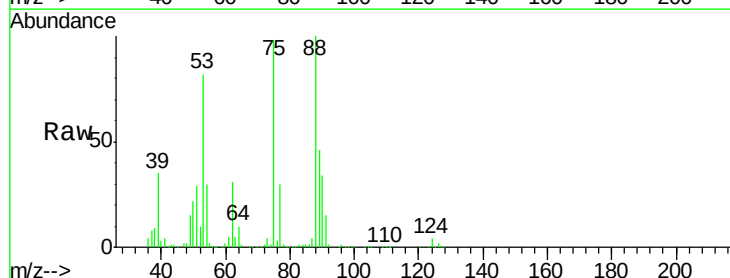
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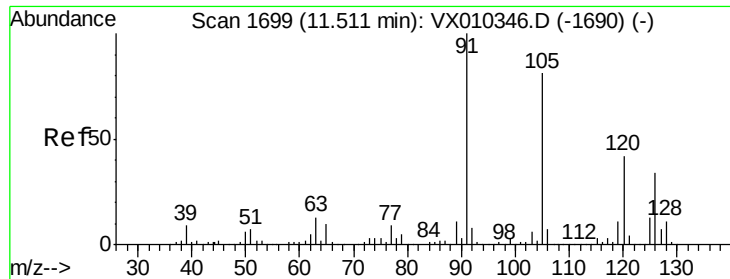
MMDadoda
 6/21/2019 11:35:31 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.539 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 76076
 Ion Ratio Lower Upper
 75 100
 53 85.3 66.1 99.1
 89 47.1 37.8 56.6





#82

4-Chlorotoluene

Concen: 50.924 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 91 Resp: 505403

Ion Ratio Lower Upper

91 100

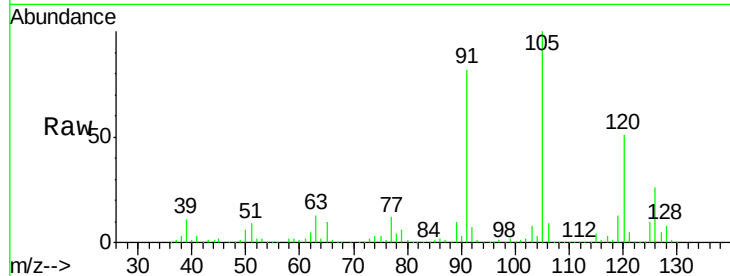
126 33.4 16.2 48.6

Manual Integrations

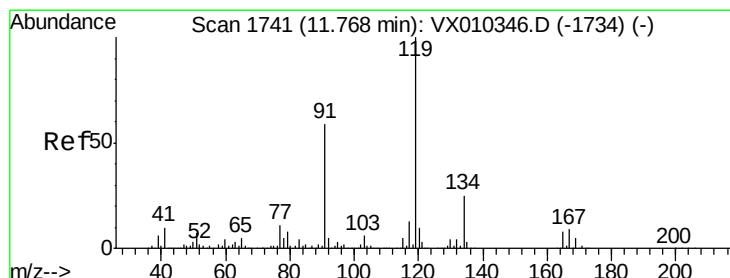
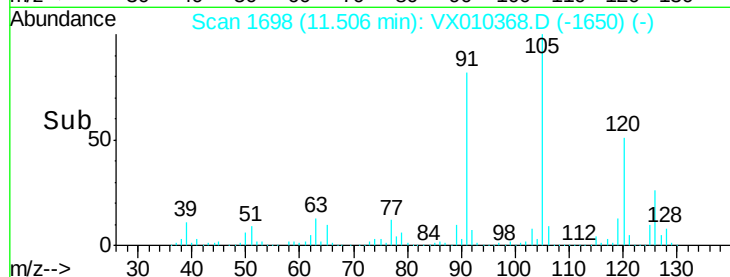
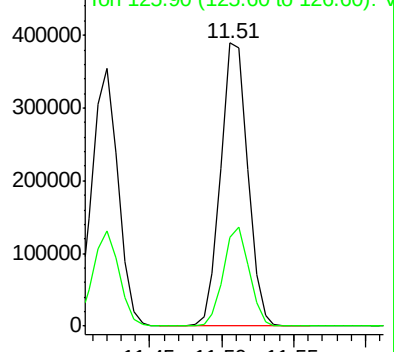
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MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1690) (-)



#83

tert-Butylbenzene

Concen: 52.891 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

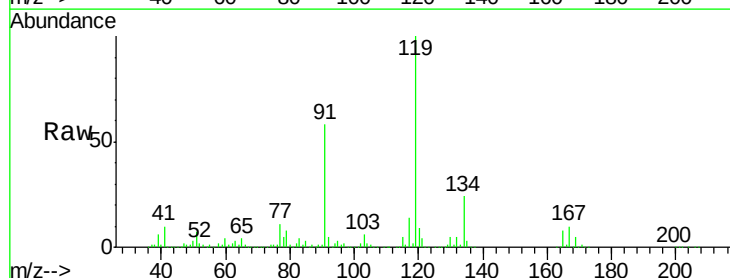
Tgt Ion: 119 Resp: 583241

Ion Ratio Lower Upper

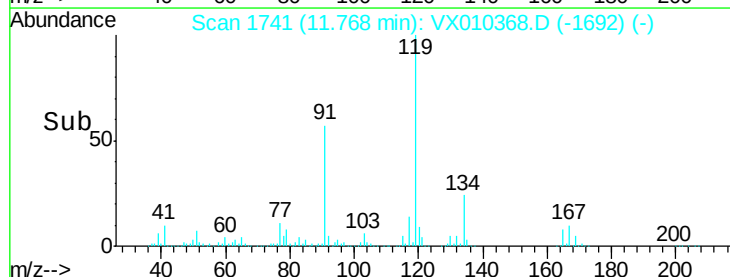
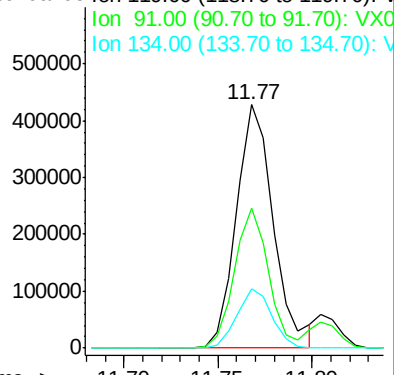
119 100

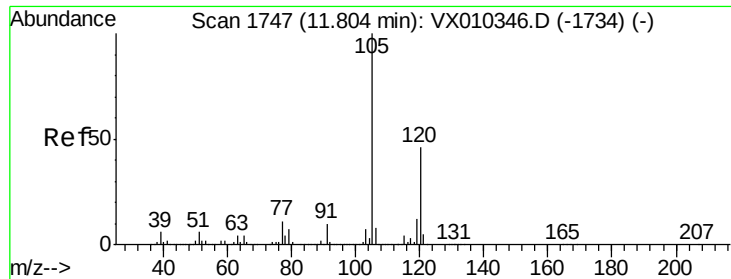
91 52.8 27.6 82.7

134 22.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): VX010346.D (-1734) (-)





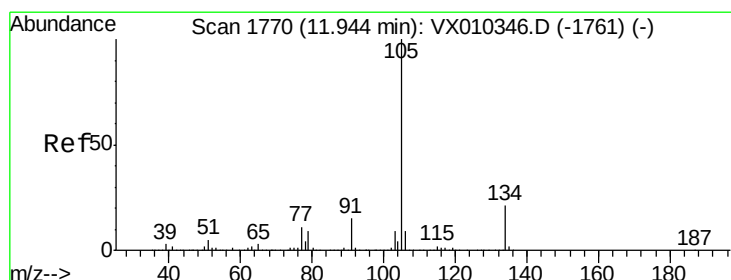
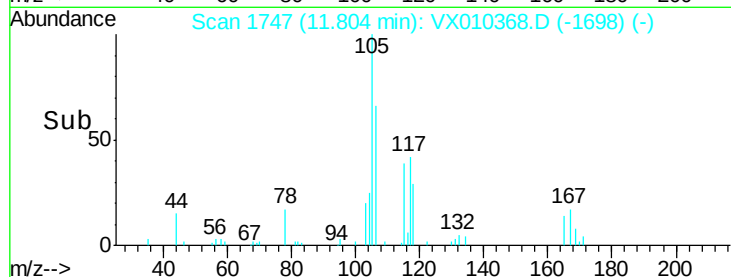
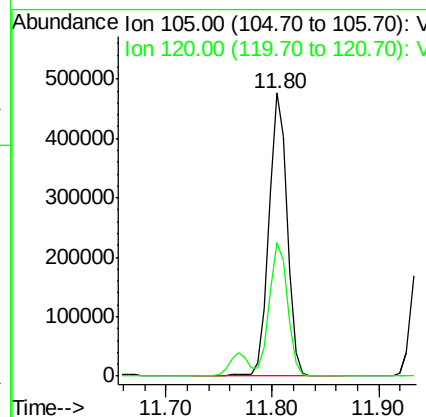
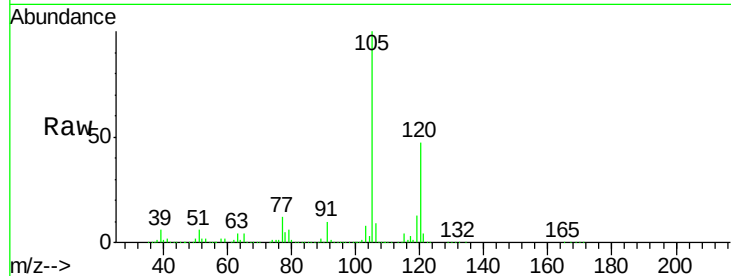
#84
 1,2,4-Trimethylbenzene
 Concen: 51.826 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2

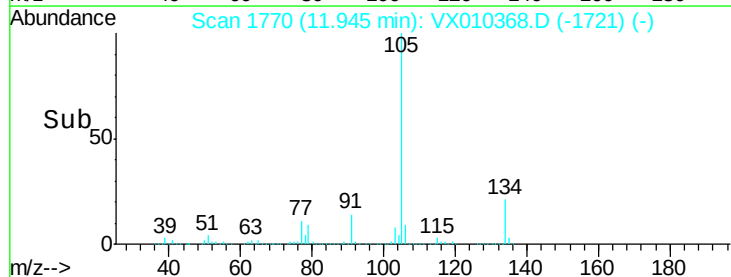
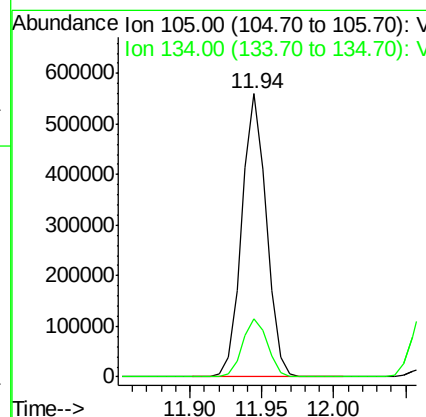
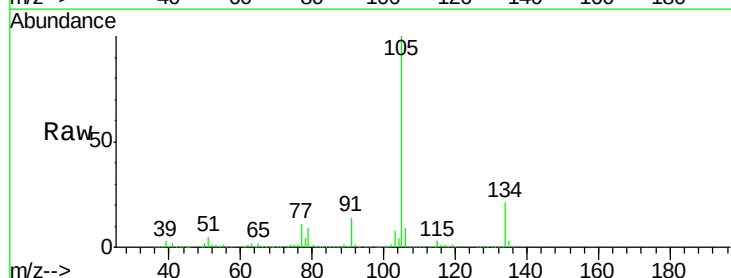
Manual Integrations
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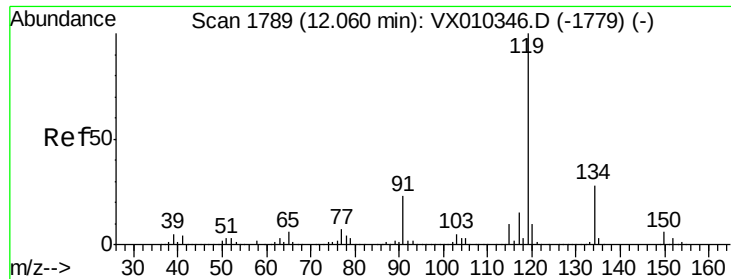
MMDadoda
 6/21/2019 11:35:31 AM



#85
 sec-Butylbenzene
 Concen: 51.289 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.7	31.9





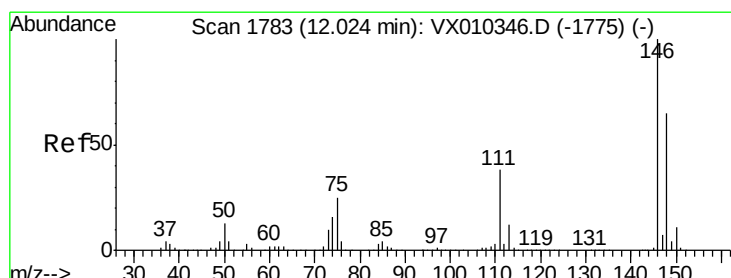
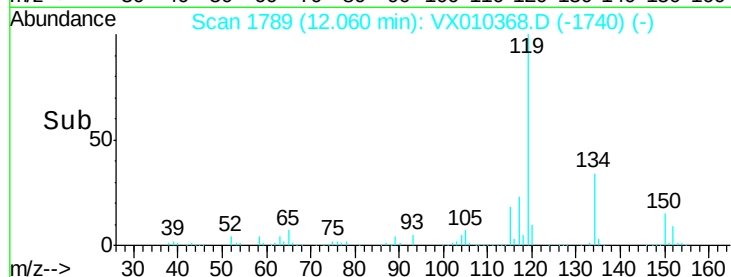
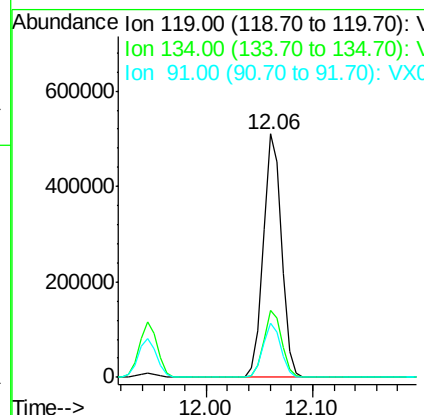
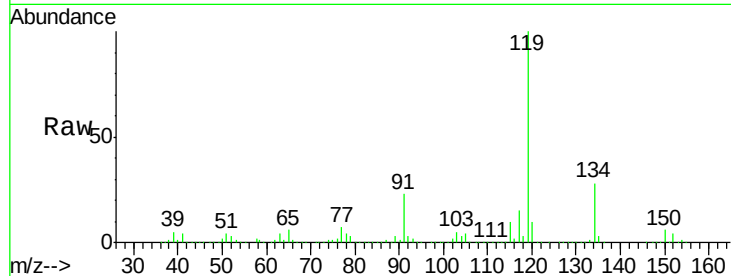
#86
p-Isopropyltoluene
Concen: 51.300 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	614362		
134	27.3		13.7	41.1
91	22.0		11.3	33.8

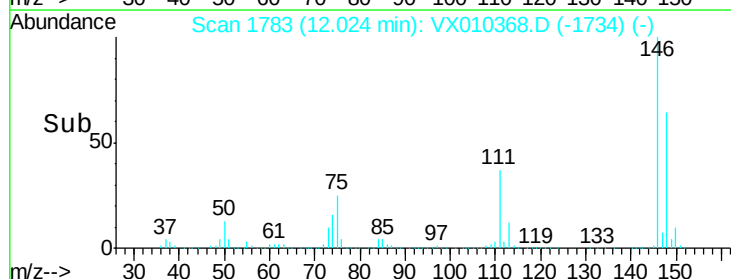
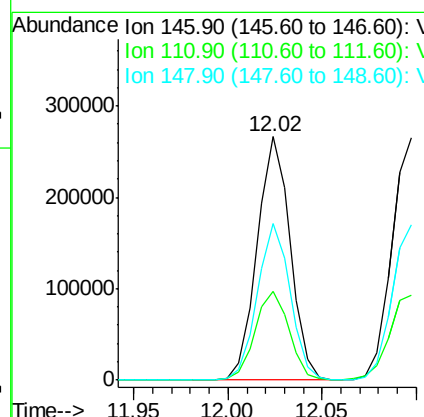
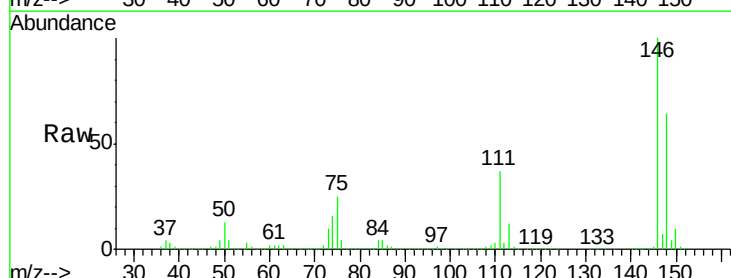
Manual Integrations
APPROVED

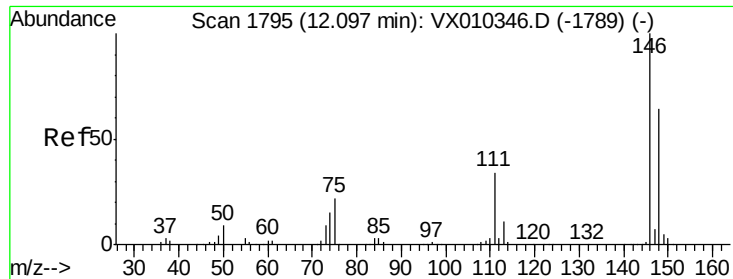
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 49.871 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	323953		
111	37.5		19.1	57.1
148	63.8		32.5	97.4





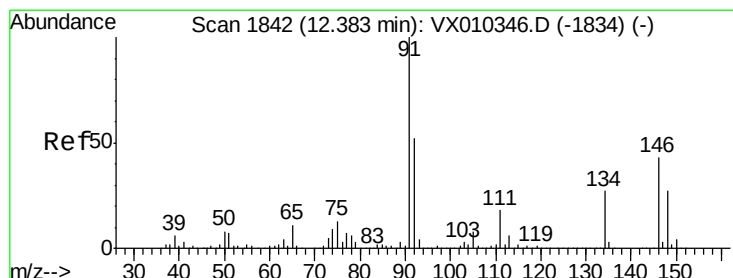
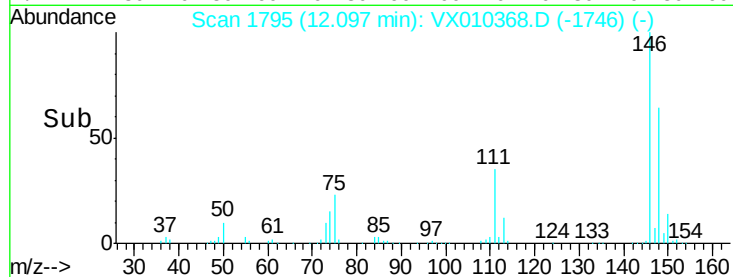
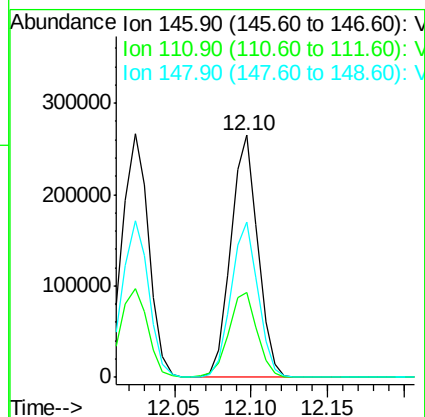
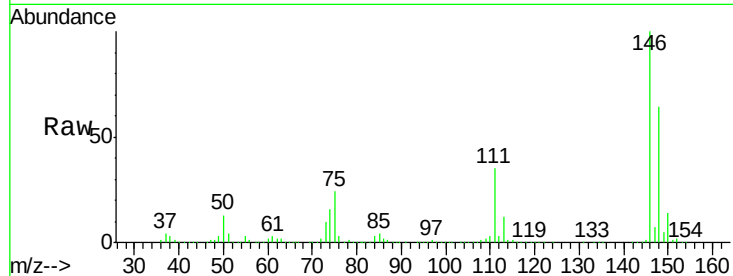
#88
 1,4-Dichlorobenzene
 Concen: 48.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.3
148	64.3	32.1	96.3

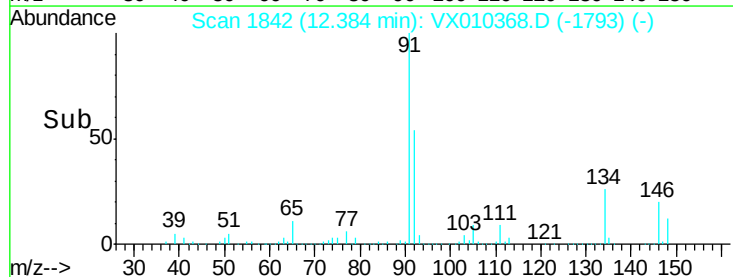
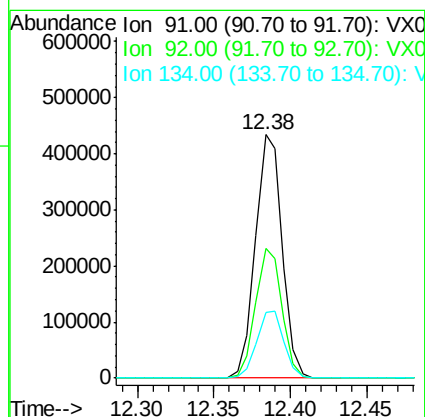
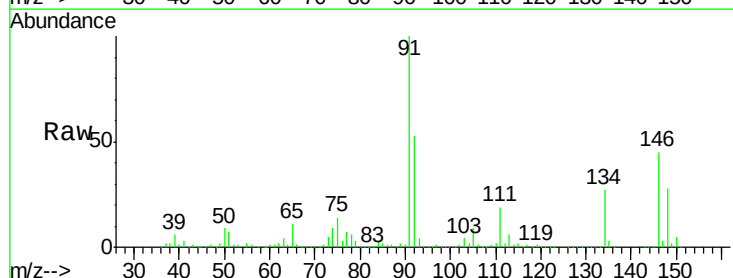
Manual Integrations
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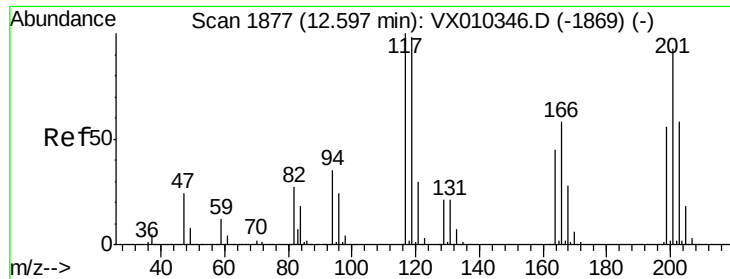
MMDadoda
 6/21/2019 11:35:31 AM



#89
 n-Butylbenzene
 Concen: 51.921 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	27.9	14.1	42.4





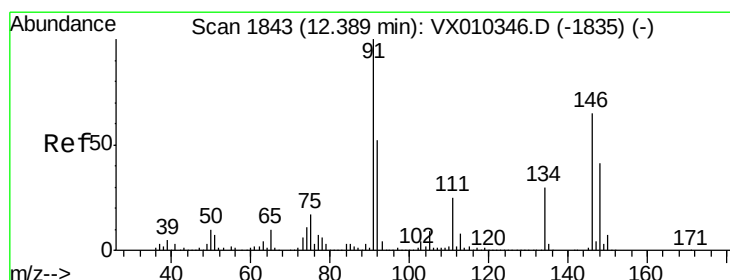
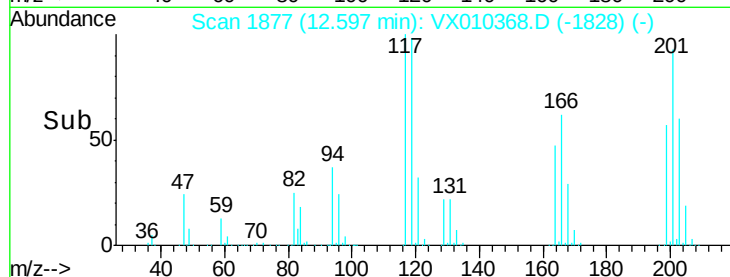
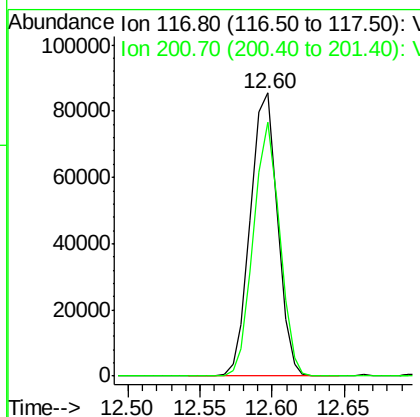
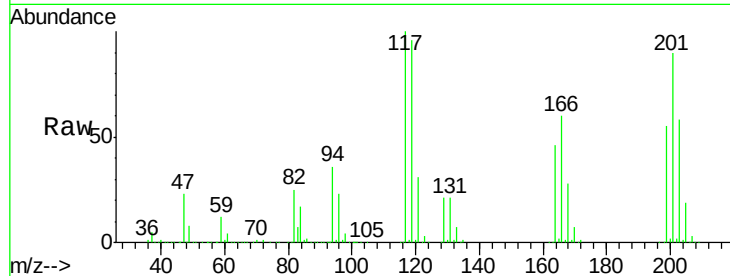
#90
Hexachloroethane
Concen: 53.797 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	111402		
201	86.3	44.0	131.8	

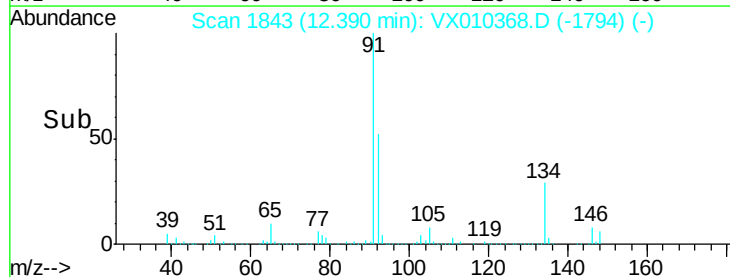
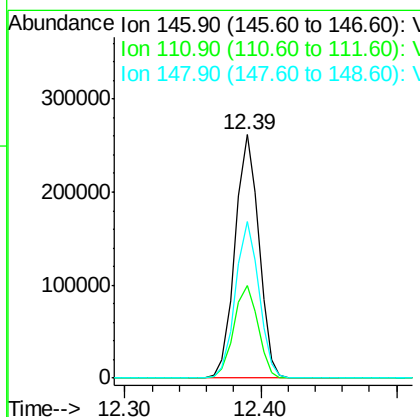
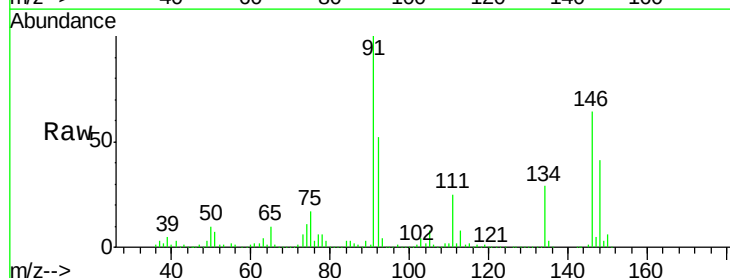
Manual Integrations
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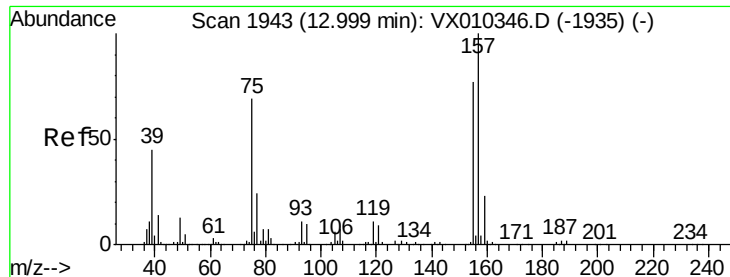
MMDadoda
6/21/2019 11:35:31 AM



#91
1,2-Dichlorobenzene
Concen: 49.498 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	319562		
111	38.8	19.2	57.6	
148	63.5	32.0	96.0	





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.988 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

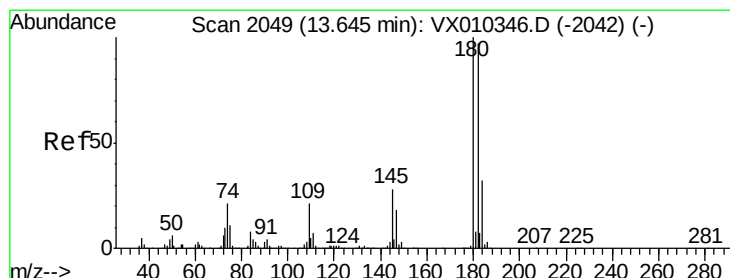
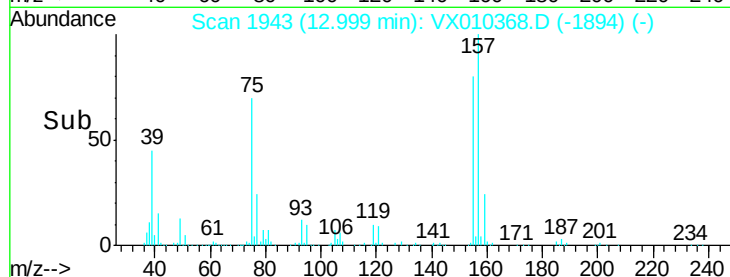
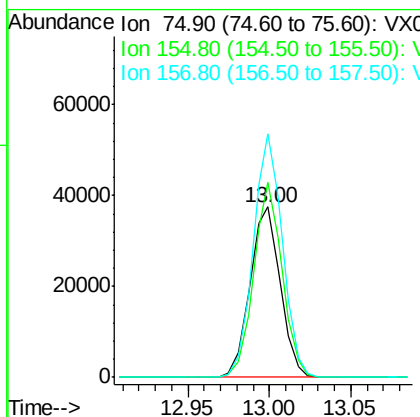
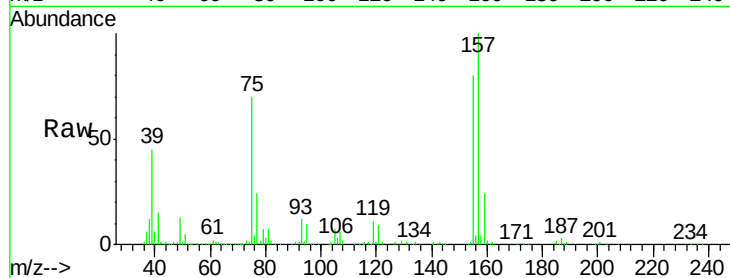
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	75	Resp:	48520
Ion	Ratio	Lower	Upper
75	100		
155	106.7	54.4	163.1
157	137.4	69.5	208.3

Manual Integrations
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6/21/2019 11:35:31 AM



#93

1,2,4-Trichlorobenzene

Concen: 50.338 ug/l

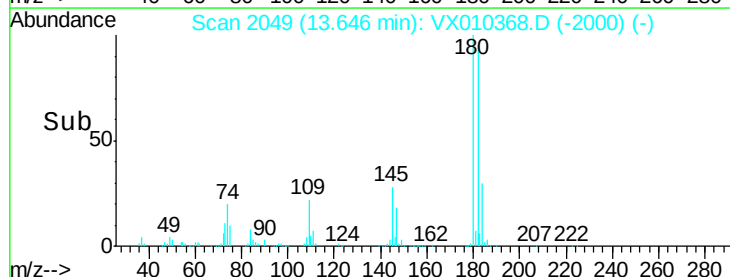
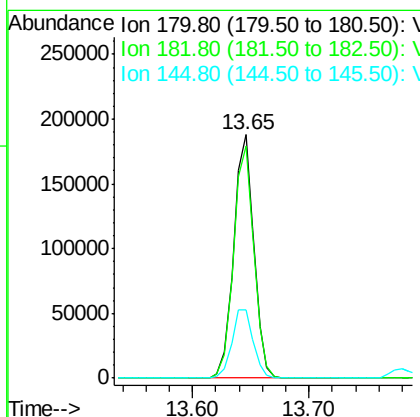
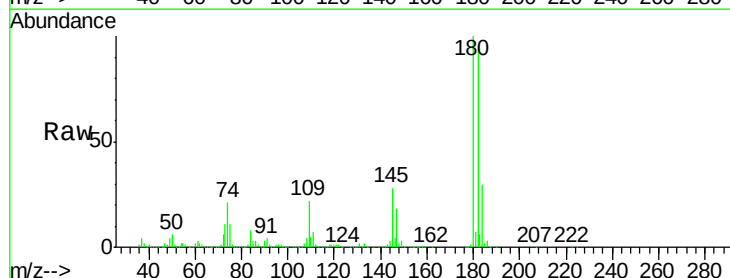
RT: 13.65 min Scan# 2049

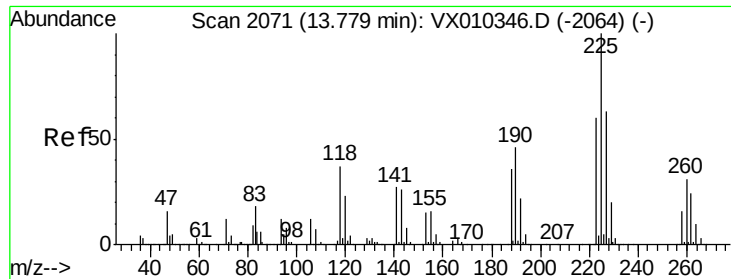
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	180	Resp:	225370
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.0
145	30.1	14.4	43.4





#94

Hexachlorobutadiene

Concen: 47.874 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

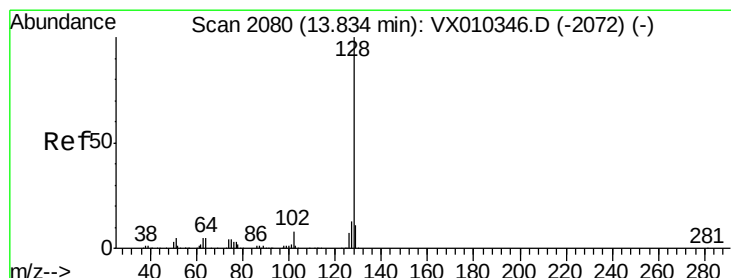
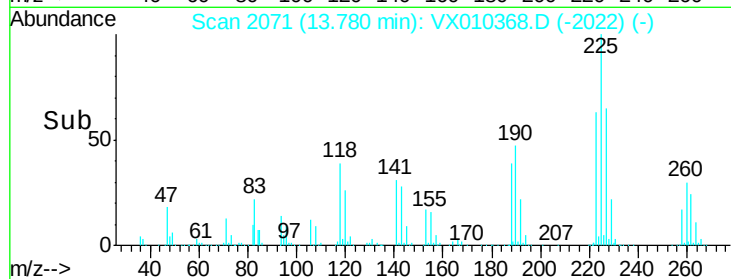
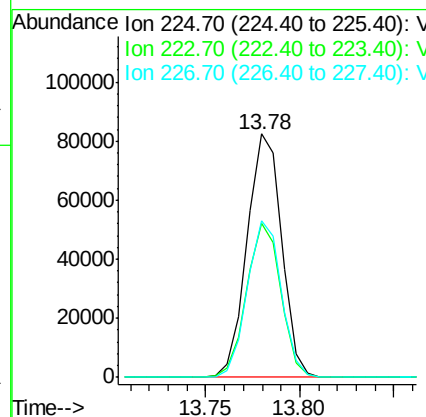
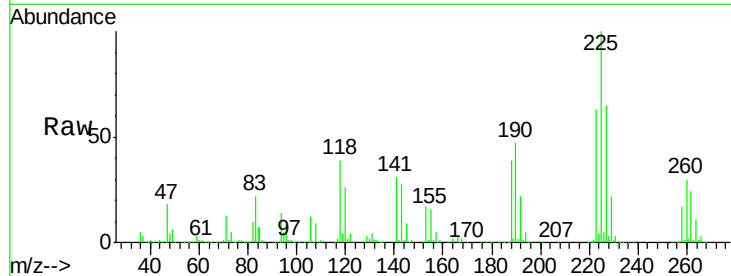
ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:	225	Resp:	104754
Ion Ratio		Lower	Upper
225	100		
223	62.6	30.9	92.7
227	63.5	31.9	95.5

Manual Integrations
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6/21/2019 11:35:31 AM



#95

Naphthalene

Concen: 54.804 ug/l

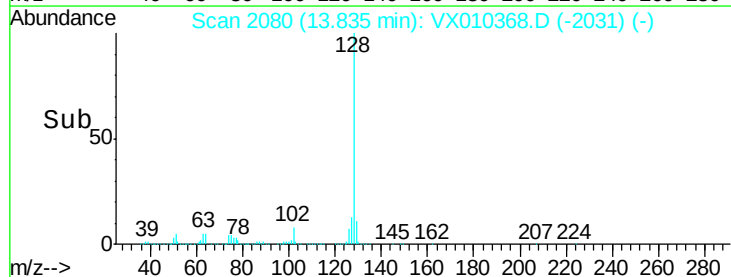
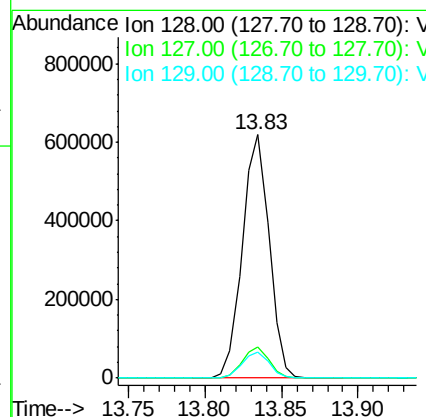
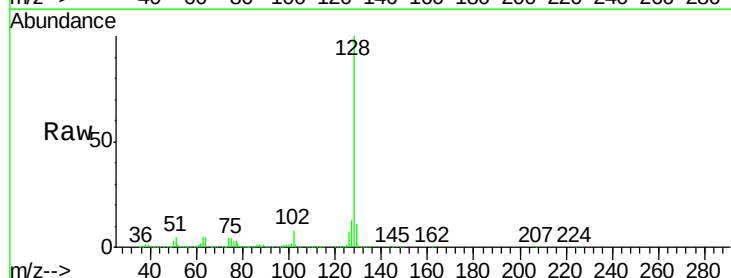
RT: 13.83 min Scan# 2080

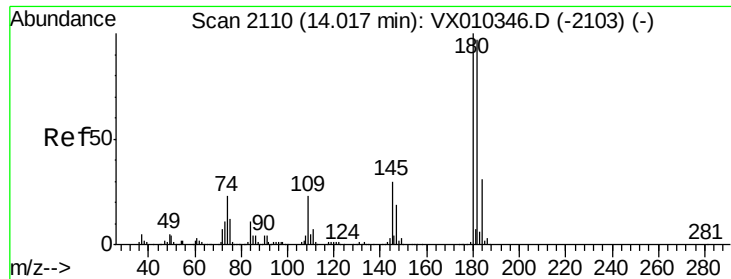
Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion:	128	Resp:	754024
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 51.081 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	47.8	143.3
145	31.3	15.2	45.6

Manual Integrations
 APPROVED

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 6/21/2019 11:35:31 AM

