

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062019\
 Data File : VX010369.D
 Acq On : 20 Jun 2019 19:55
 Operator : JC/SP
 Sample : K3469-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 02:30:05 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	5.66	168	299534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130574	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	130505	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	485952	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	174325	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98554	47.326	ug/l	99
3) Chloromethane	1.32	50	107246	44.227	ug/l	99
4) Vinyl Chloride	1.41	62	122178	46.001	ug/l	98
5) Bromomethane	1.64	94	48849	37.752	ug/l	98
6) Chloroethane	1.71	64	81229	51.838	ug/l	99
7) Trichlorofluoromethane	1.92	101	205987	48.924	ug/l	99
8) Diethyl Ether	2.19	74	74640	49.434	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123053	48.228	ug/l	100
10) Methyl Iodide	2.51	142	137129	37.659	ug/l	100
11) Tert butyl alcohol	3.05	59	175526	238.852	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125999	48.530	ug/l	98
13) Acrolein	2.29	56	87907	180.323	ug/l	97
14) Allyl chloride	2.73	41	184254	49.988	ug/l	100
15) Acrylonitrile	3.14	53	370291	254.501	ug/l	100
16) Acetone	2.45	43	297711	211.518	ug/l	99
17) Carbon Disulfide	2.57	76	338941	48.660	ug/l	100
18) Methyl Acetate	2.78	43	133011	47.415	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413190	50.588	ug/l	98
20) Methylene Chloride	2.85	84	141756	48.940	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136119	48.747	ug/l	99
22) Diisopropyl ether	3.85	45	381875	49.552	ug/l	96
23) Vinyl Acetate	3.81	43	1634340	245.483	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219428	49.258	ug/l	99
25) 2-Butanone	4.67	43	500517	242.425	ug/l	97
26) 2,2-Dichloropropane	4.59	77	172236	44.508	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160290	49.675	ug/l	98
28) Bromochloromethane	5.02	49	97553	45.803	ug/l	99
29) Tetrahydrofuran	5.13	42	326190	255.067	ug/l	100
30) Chloroform	5.21	83	234360	48.896	ug/l	97
31) Cyclohexane	5.58	56	200778	49.494	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	212058	50.106	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168998	47.443	ug/l	99
37) Ethyl Acetate	4.84	43	181220	49.452	ug/l	100
38) Carbon Tetrachloride	5.78	117	191256	49.583	ug/l	97

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 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)
39) Methylcyclohexane	7.46	83	224286	47.901	ug/l	97
40) Benzene	6.14	78	549699	49.533	ug/l	99
41) Methacrylonitrile	5.04	41	101565	50.513	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172139	50.957	ug/l	99
43) Isopropyl Acetate	6.45	43	302466	49.888	ug/l	99
44) Trichloroethene	7.21	130	161614	48.668	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137997	49.241	ug/l	99
46) Dibromomethane	7.66	93	100418	49.942	ug/l	99
47) Bromodichloromethane	7.90	83	187325	50.836	ug/l	97
48) Methyl methacrylate	7.77	41	148017	52.523	ug/l	99
49) 1,4-Dioxane	7.74	88	84929	1046.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	989026	255.059	ug/l	99
52) Toluene	8.78	92	357093	48.862	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208232	50.404	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222100	49.471	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151124	50.139	ug/l	99
56) Ethyl methacrylate	9.18	69	231571	50.717	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231667	49.515	ug/l	100
59) 2-Hexanone	9.49	43	747359	244.888	ug/l	100
60) Dibromochloromethane	9.58	129	170973	50.662	ug/l	100
61) 1,2-Dibromoethane	9.67	107	160205	49.243	ug/l	99
64) Tetrachloroethene	9.34	164	141375	43.400	ug/l	98
65) Chlorobenzene	10.13	112	397789	48.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	152488	51.200	ug/l	99
67) Ethyl Benzene	10.25	91	677828	49.105	ug/l	100
68) m/p-Xylenes	10.36	106	525025	98.162	ug/l	100
69) o-Xylene	10.69	106	261647	49.745	ug/l	97
70) Styrene	10.71	104	439878	49.868	ug/l	99
71) Bromoform	10.85	173	136654	52.763	ug/l	99
73) Isopropylbenzene	11.02	105	679724	48.764	ug/l	99
74) N-amyl acetate	10.90	43	259404	49.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234184	50.730	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189533m	50.581	ug/l	
77) Bromobenzene	11.26	156	187772	48.243	ug/l	99
78) n-propylbenzene	11.36	91	764316	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	444273	48.701	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	567191	49.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	77807	48.442	ug/l	99
82) 4-Chlorotoluene	11.51	91	513778	49.495	ug/l	100
83) tert-Butylbenzene	11.77	119	581379	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	578260	50.088	ug/l	100
85) sec-Butylbenzene	11.94	105	671456	49.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	623215	49.755	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	330480	48.643	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	329848	47.689	ug/l	99
89) n-Butylbenzene	12.38	91	532959	50.072	ug/l	99
90) Hexachloroethane	12.60	117	114777	52.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	326145	48.300	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50464	50.703	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	231620	49.463	ug/l	99

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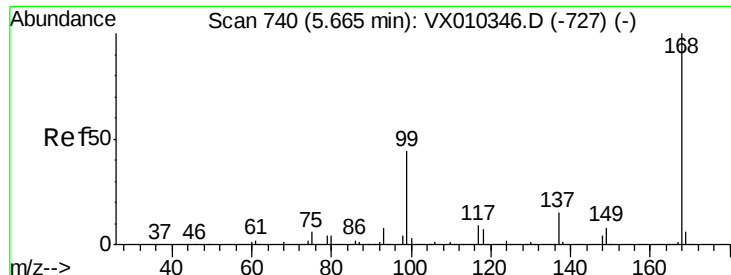
Manual Integrations
APPROVED

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

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	109047	47.648	ug/l	99
95) Naphthalene	13.83	128	761448	52.914	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231613	49.747	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

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Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:168 Resp: 299534

Ion Ratio Lower Upper

168 100

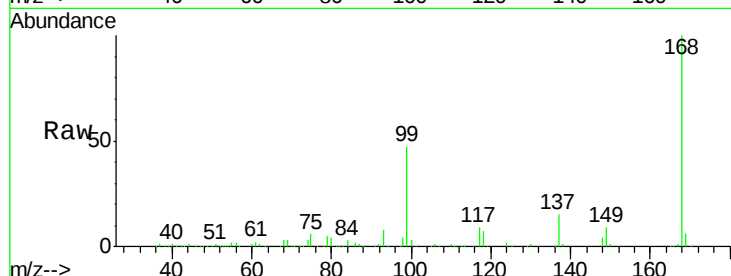
99 46.5 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

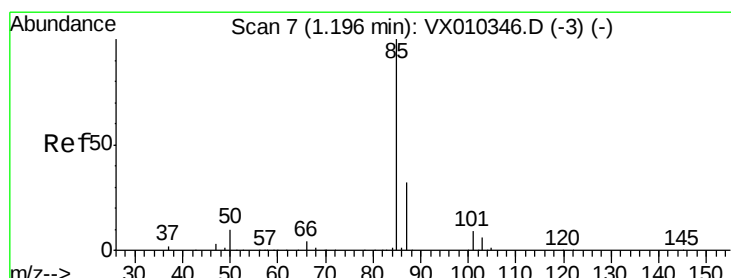
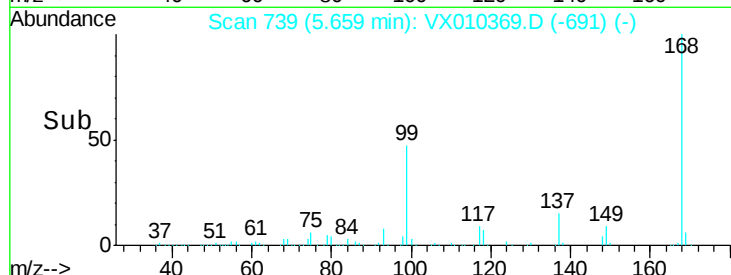
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.326 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010369.D

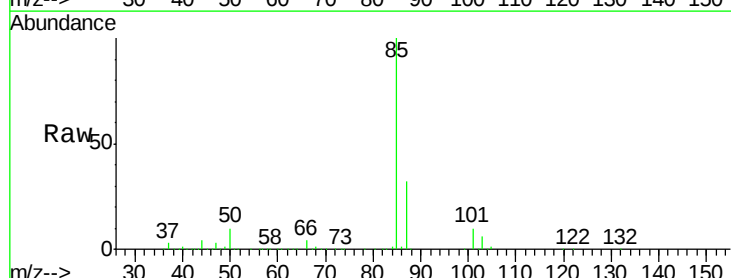
Acq: 20 Jun 2019 19:55

Tgt Ion: 85 Resp: 98554

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

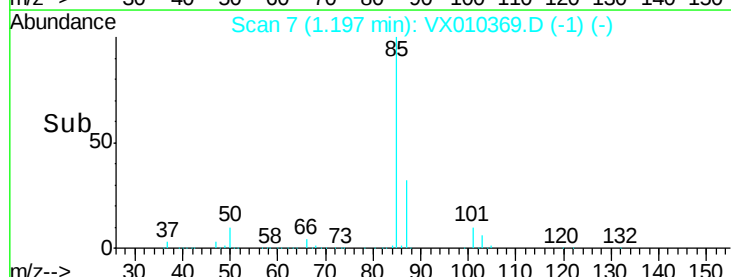
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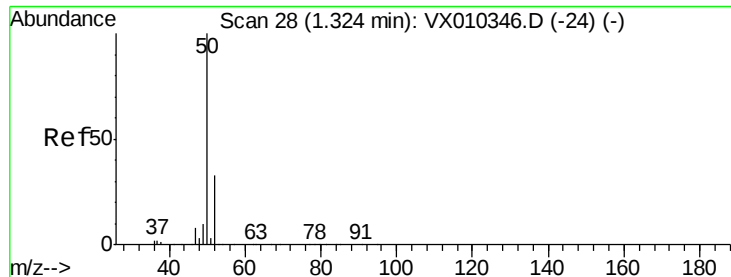
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.227 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 50 Resp: 107246

Ion Ratio Lower Upper

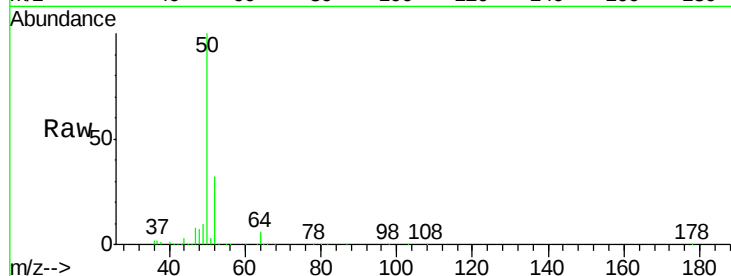
50 100

52 32.4 26.5 39.7

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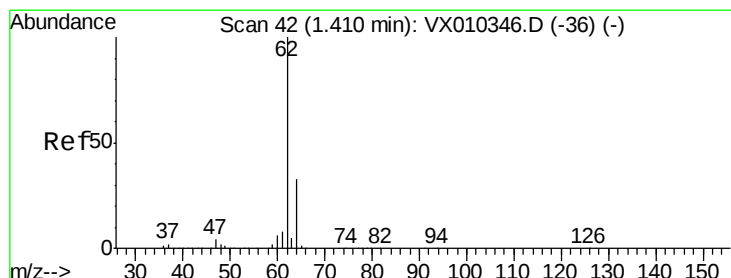
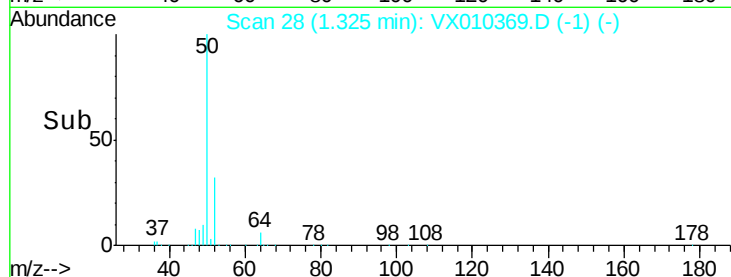
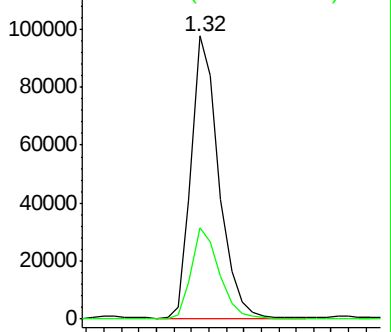
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.001 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010369.D

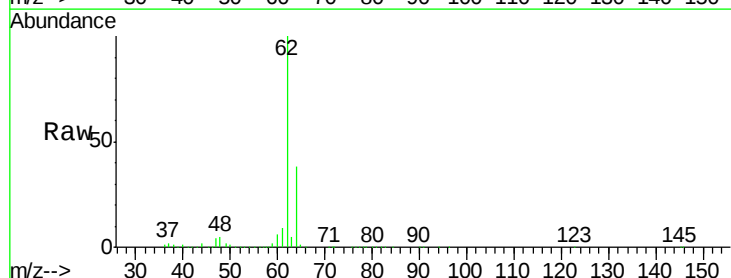
Acq: 20 Jun 2019 19:55

Tgt Ion: 62 Resp: 122178

Ion Ratio Lower Upper

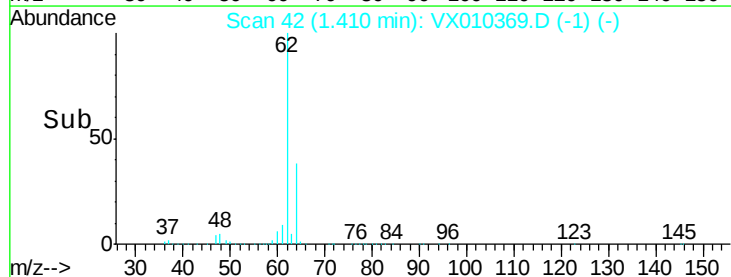
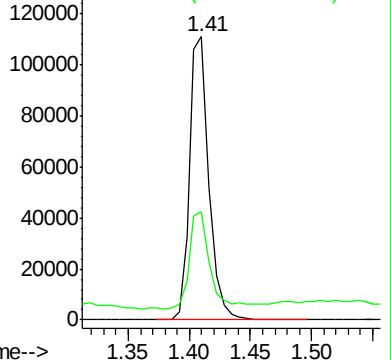
62 100

64 34.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.752 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 94 Resp: 48849

Ion Ratio Lower Upper

94 100

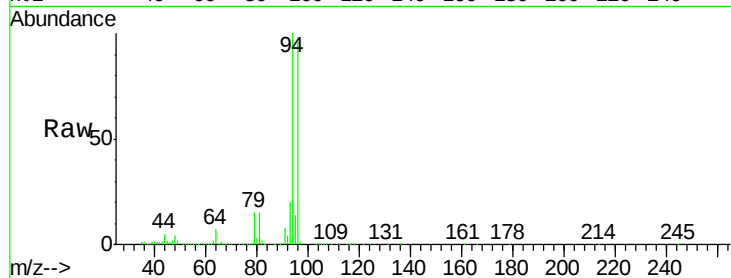
96 96.5 75.5 113.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

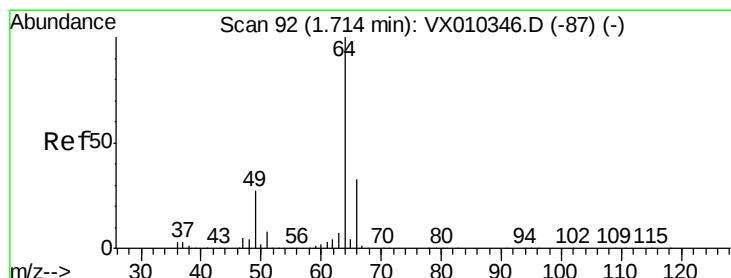
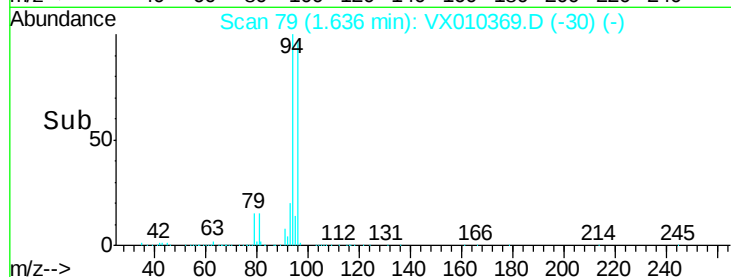
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 51.838 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010369.D

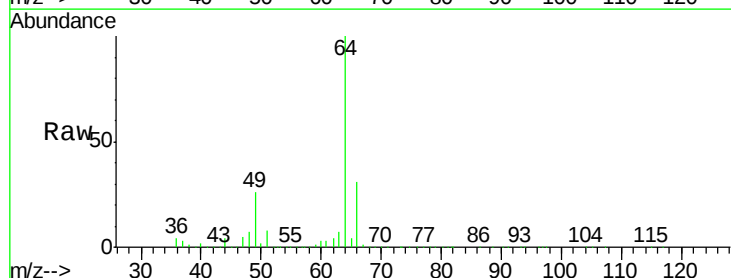
Acq: 20 Jun 2019 19:55

Tgt Ion: 64 Resp: 81229

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

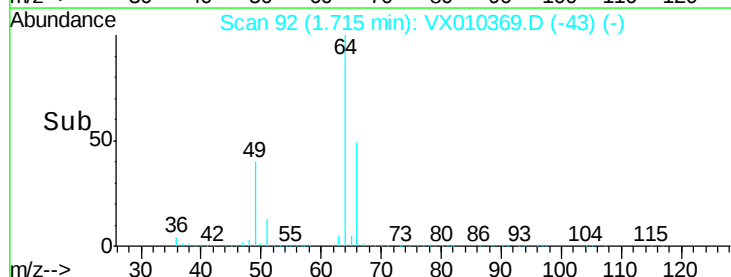
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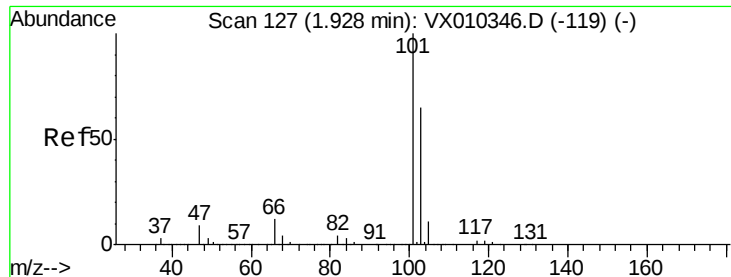
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Time-->





#7

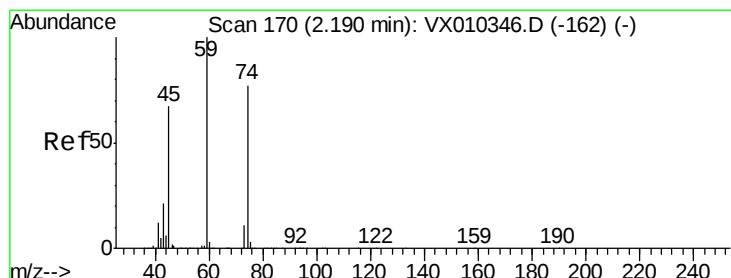
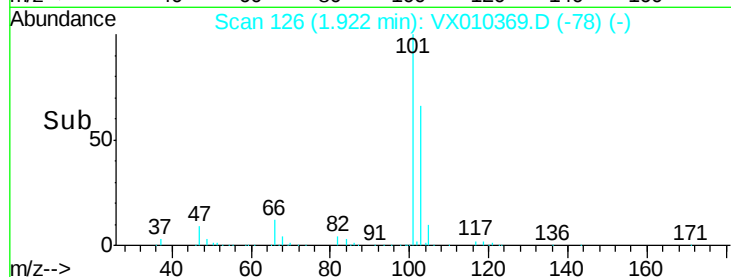
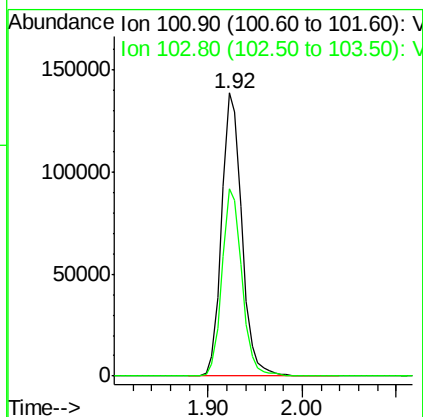
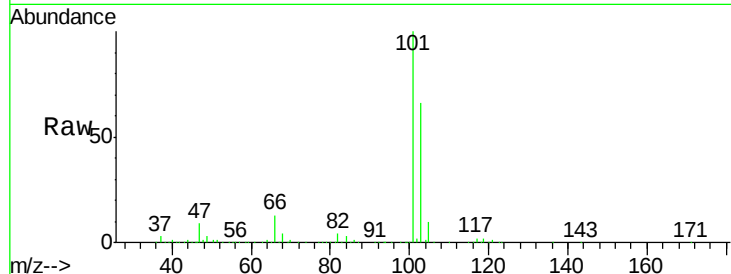
Trichlorofluoromethane
Concen: 48.924 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	205987		
103	66.3	52.3	78.5	

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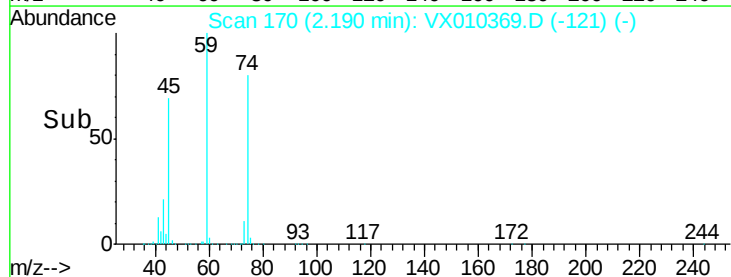
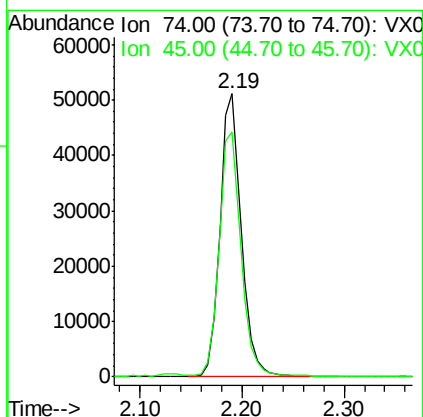
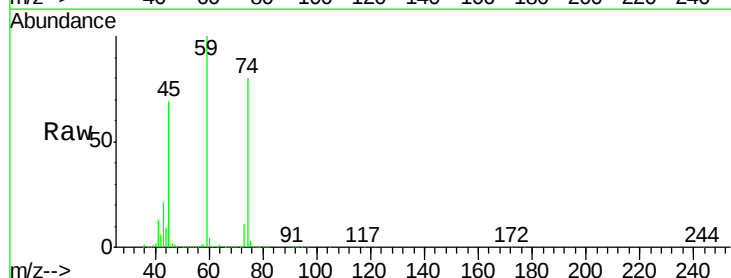
MMDadoda
6/21/2019 11:35:35 AM



#8

Diethyl Ether
Concen: 49.434 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	74640		
45	89.3	44.8	134.4	





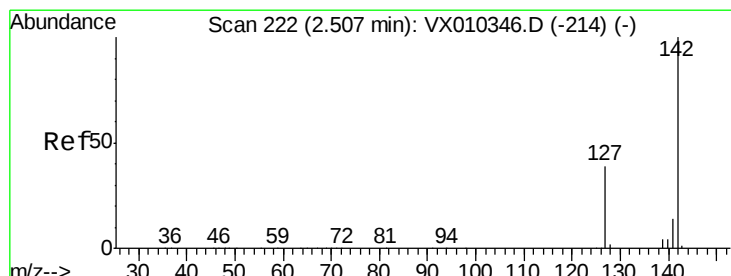
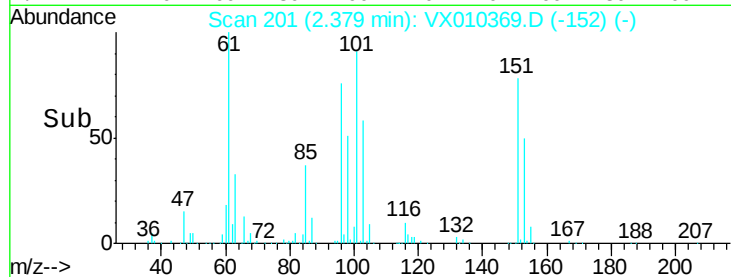
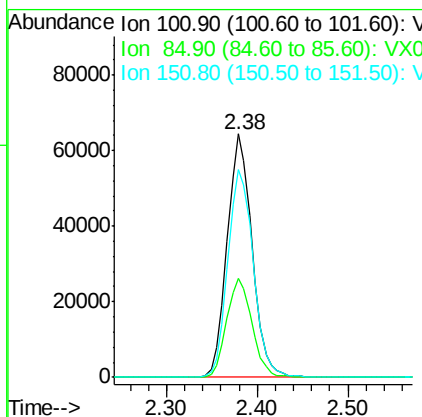
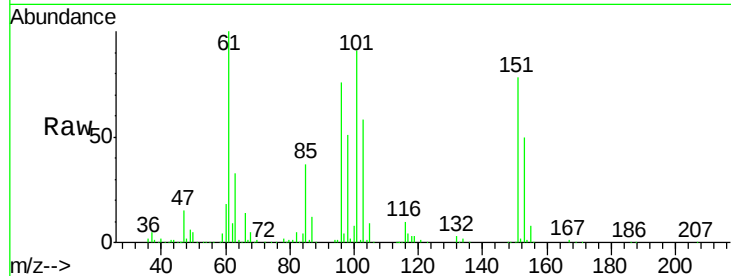
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.228 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	123053		
85	41.5	33.7	50.5	
151	87.5	70.1	105.1	

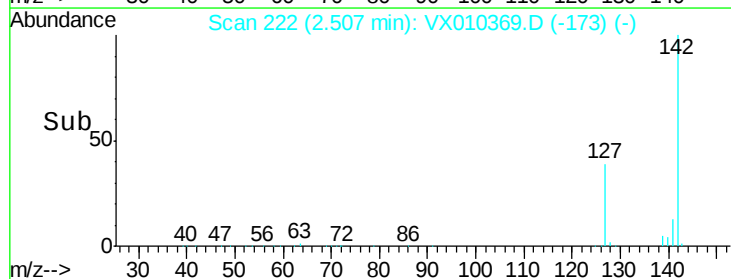
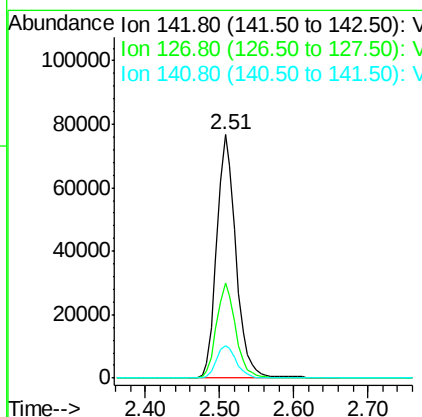
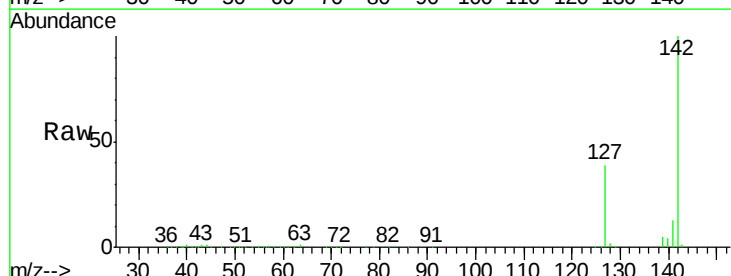
Manual Integrations
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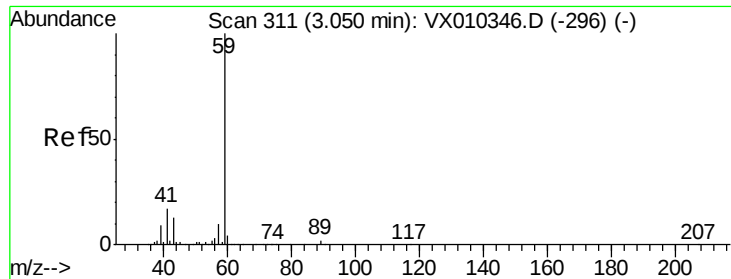
MMDadoda
6/21/2019 11:35:35 AM



#10
Methyl Iodide
Concen: 37.659 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	137129		
127	38.9	31.1	46.7	
141	13.9	11.2	16.8	





#11

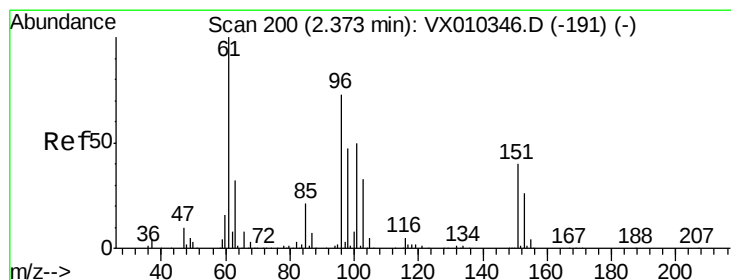
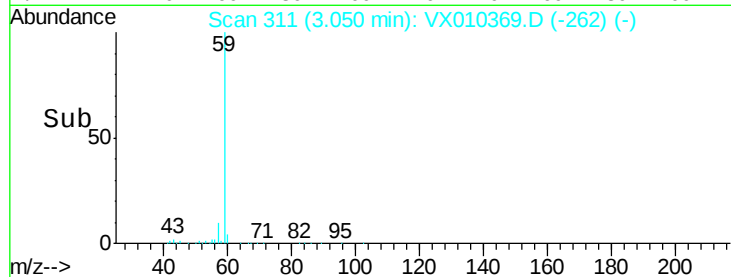
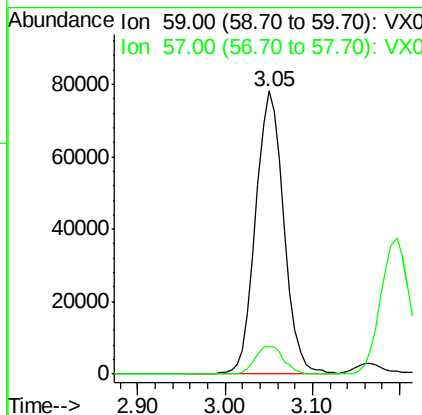
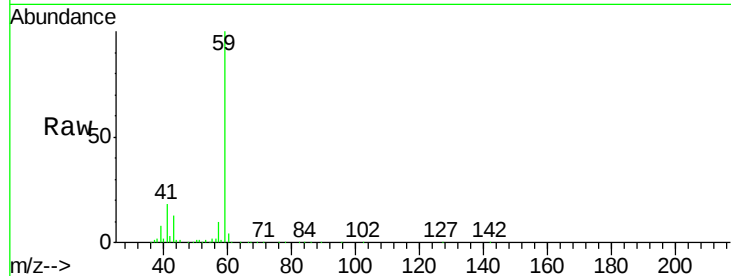
Tert butyl alcohol
Concen: 238.852 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion: 59 Resp: 175526
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

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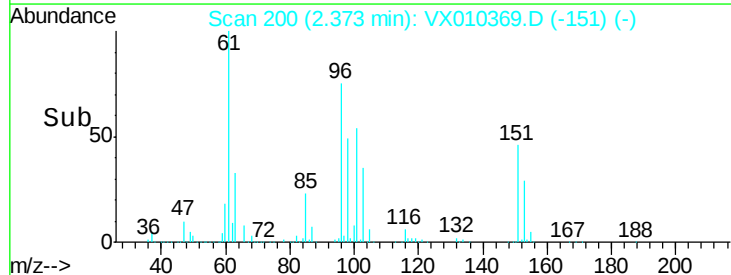
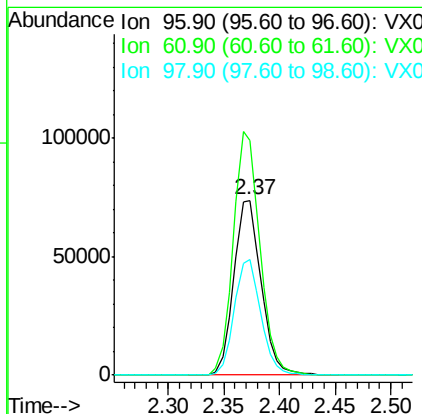
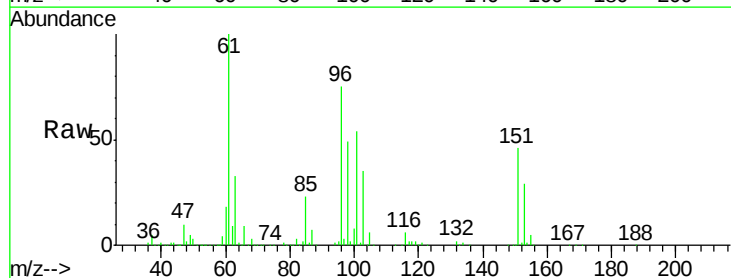
MMDadoda
6/21/2019 11:35:35 AM



#12

1,1-Dichloroethene
Concen: 48.530 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 96 Resp: 125999
Ion Ratio Lower Upper
96 100
61 134.1 109.2 163.8
98 66.2 51.1 76.7





#13

Acrolein

Concen: 180.323 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 56 Resp: 87907

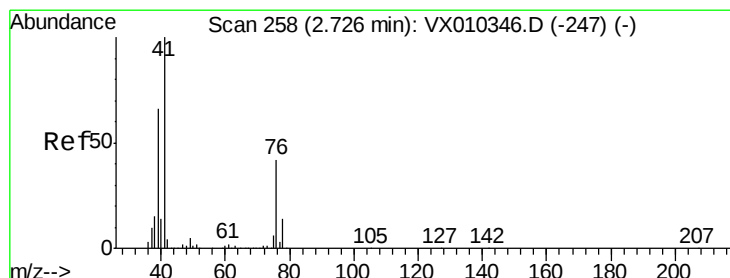
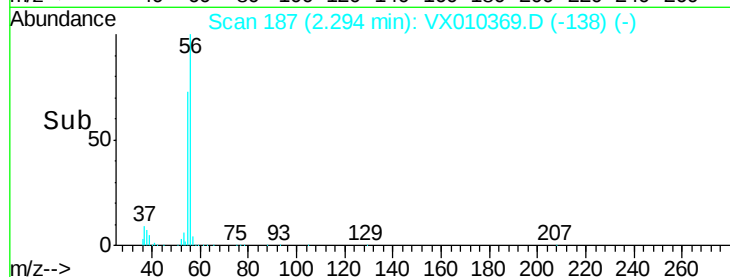
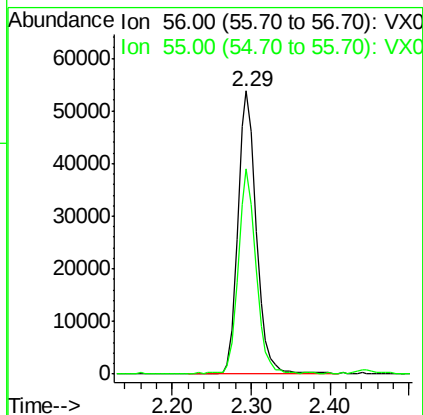
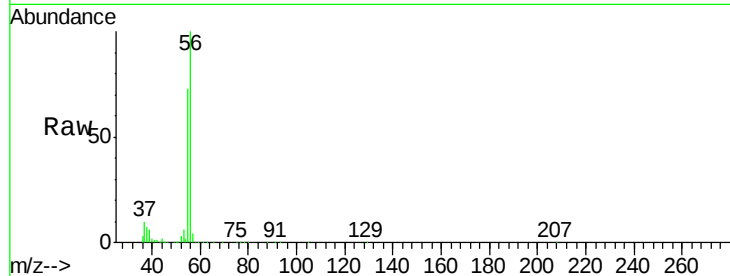
Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3

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#14

Allyl chloride

Concen: 49.988 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

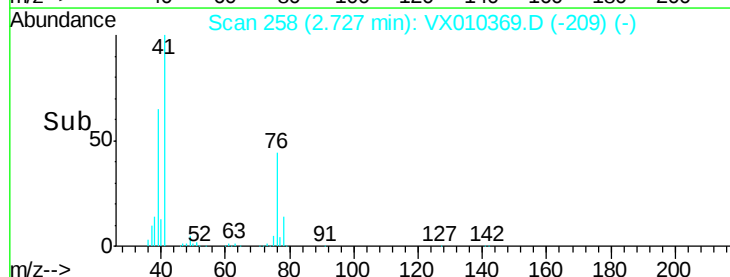
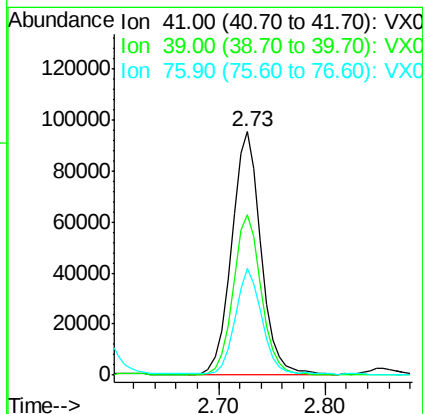
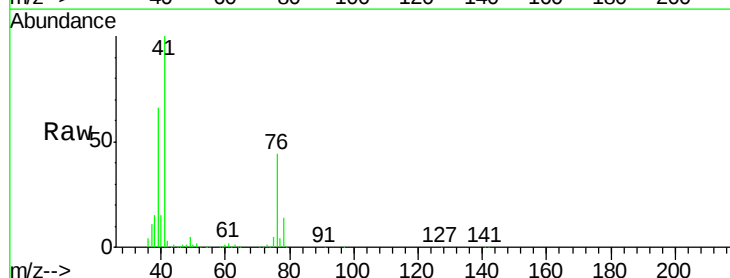
Tgt Ion: 41 Resp: 184254

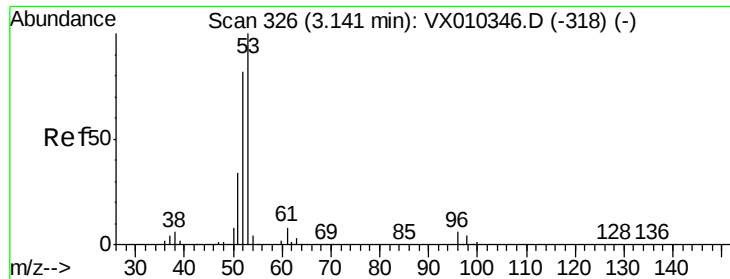
Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

76 39.6 31.3 46.9





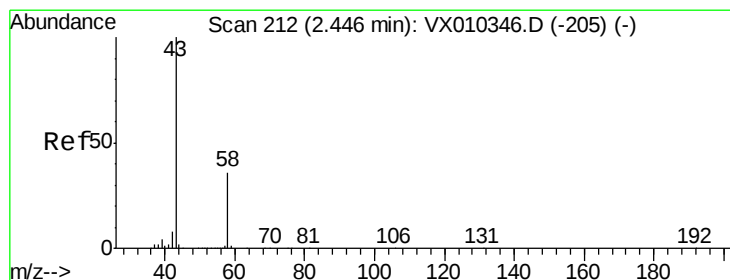
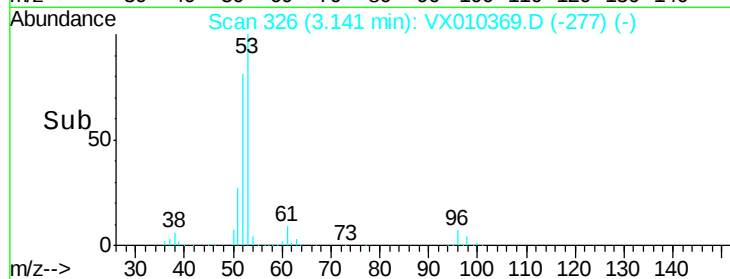
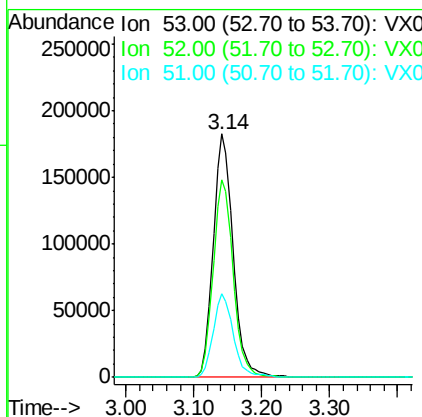
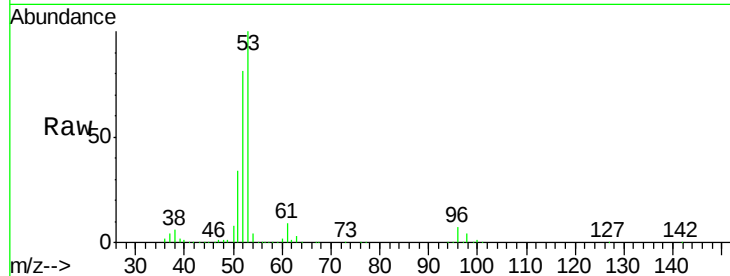
#15
 Acrylonitrile
 Concen: 254.501 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	34.7	28.2	42.4

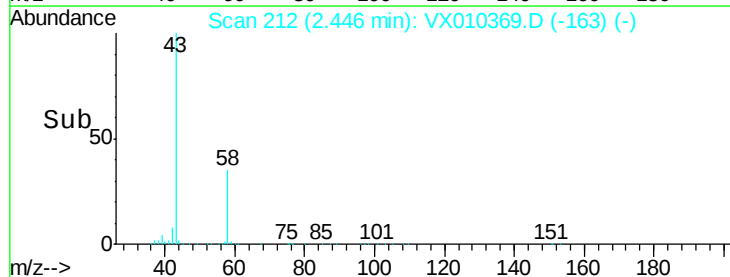
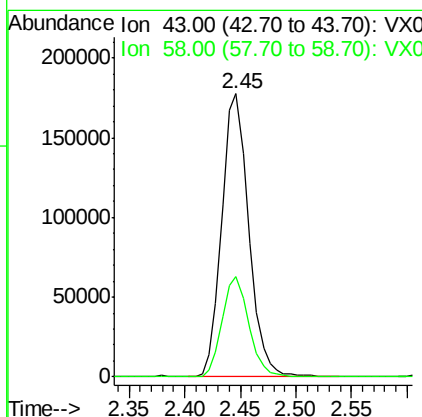
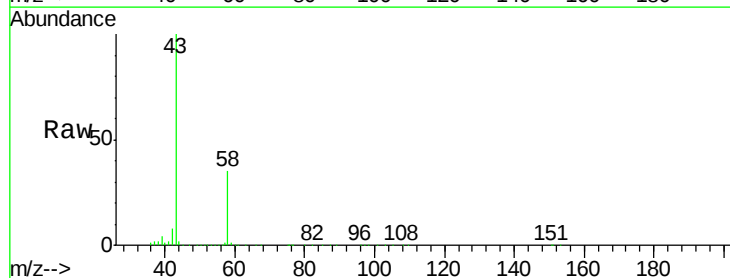
Manual Integrations
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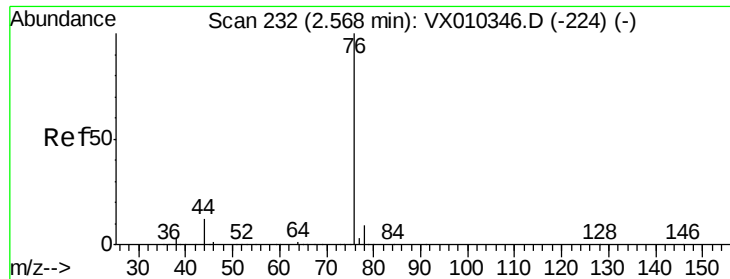
MMDadoda
 6/21/2019 11:35:35 AM



#16
 Acetone
 Concen: 211.518 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.9	43.3





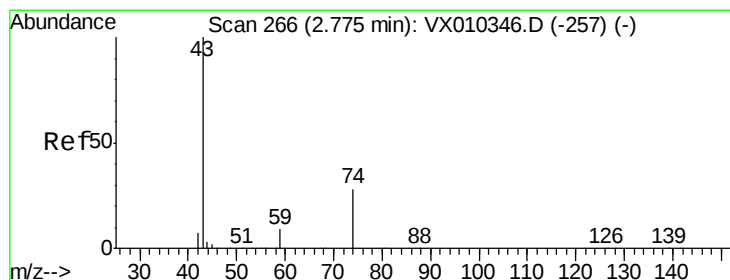
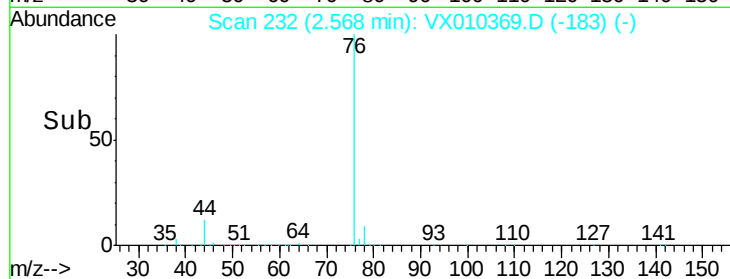
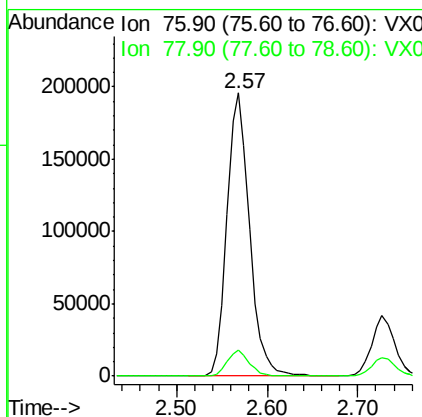
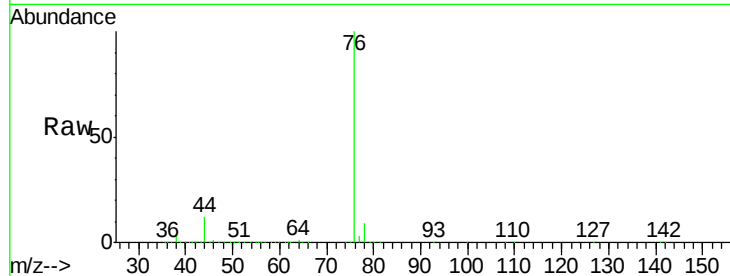
#17
Carbon Disulfide
Concen: 48.660 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

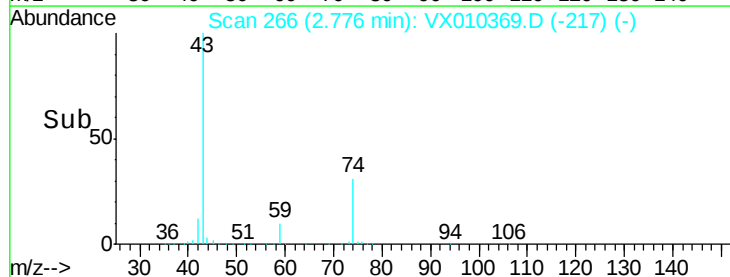
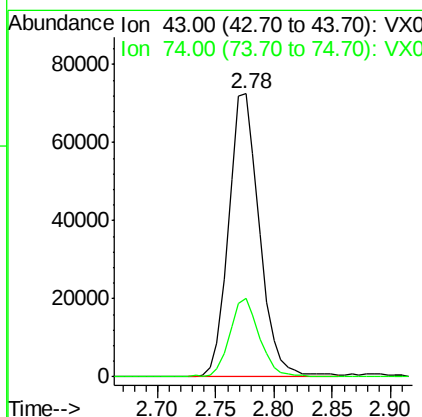
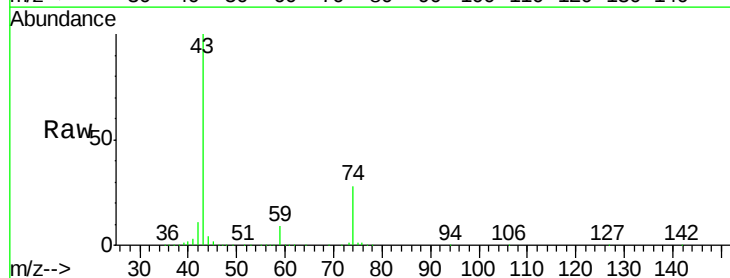
Manual Integrations
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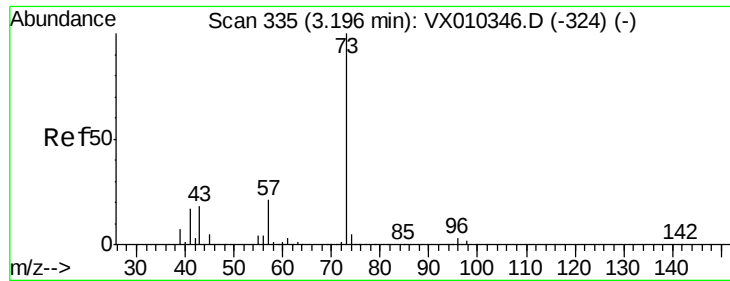
MMDadoda
6/21/2019 11:35:35 AM



#18
Methyl Acetate
Concen: 47.415 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.3	31.9





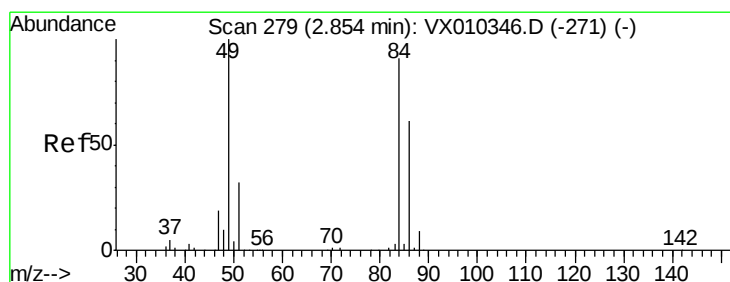
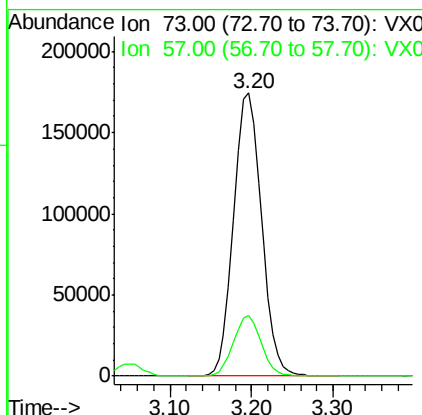
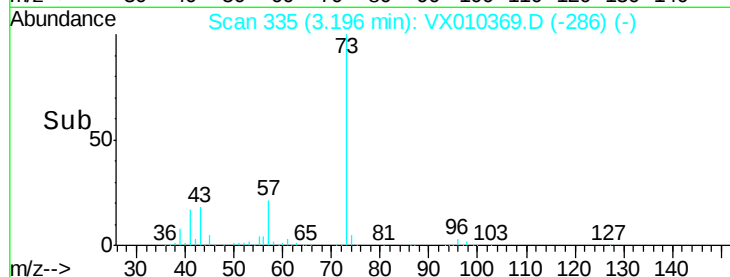
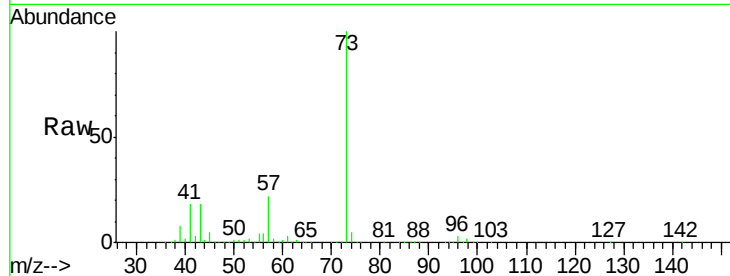
#19
Methyl tert-butyl Ether
Concen: 50.588 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion: 73 Resp: 413190
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6

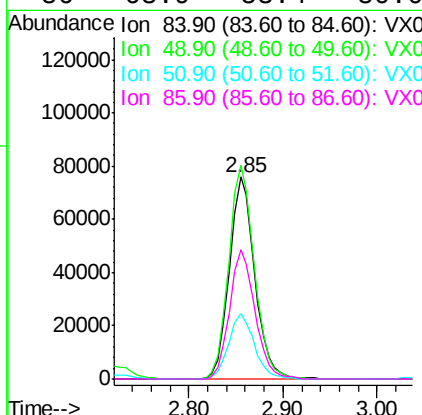
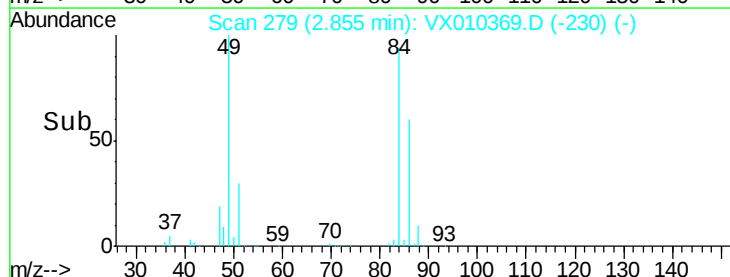
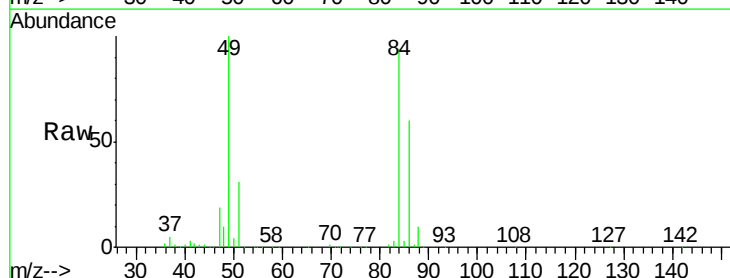
Manual Integrations
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6/21/2019 11:35:35 AM



#20
Methylene Chloride
Concen: 48.940 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 84 Resp: 141756
Ion Ratio Lower Upper
84 100
49 105.7 87.5 131.3
51 32.3 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 48.747 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

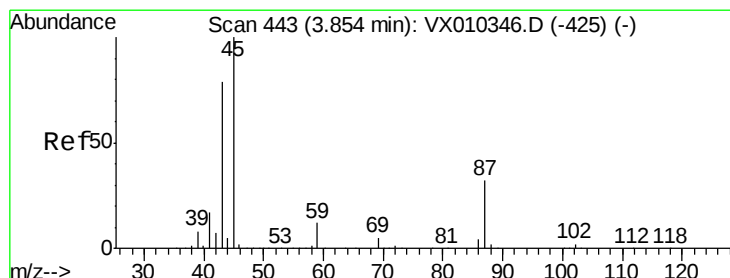
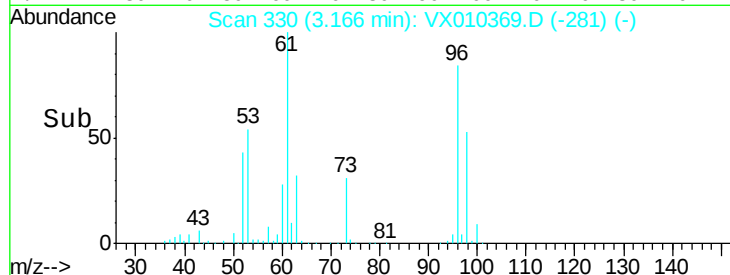
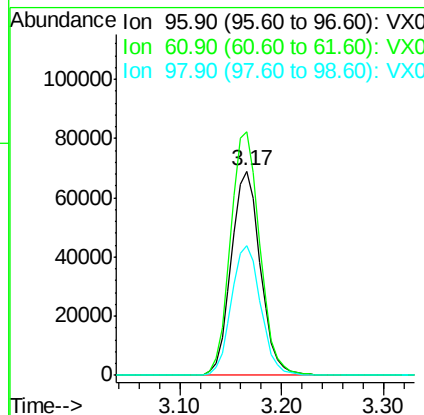
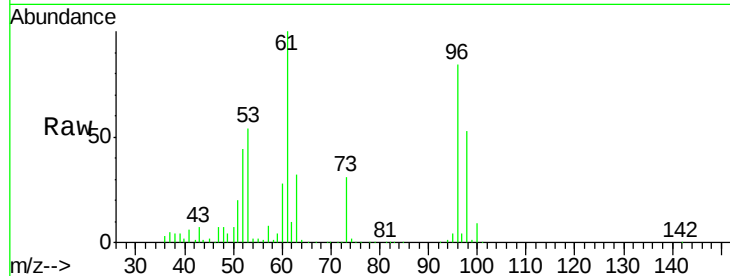
ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:	96	Resp:	136119
Ion	Ratio	Lower	Upper
96	100		
61	119.1	95.6	143.4
98	63.1	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.552 ug/l

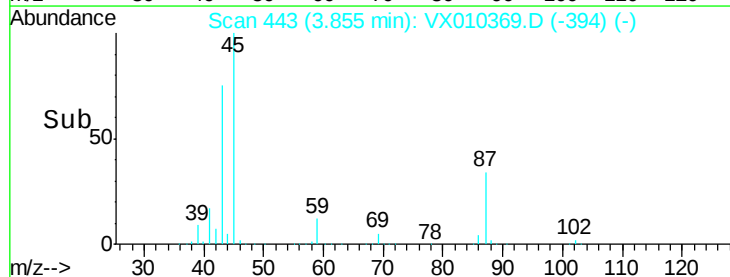
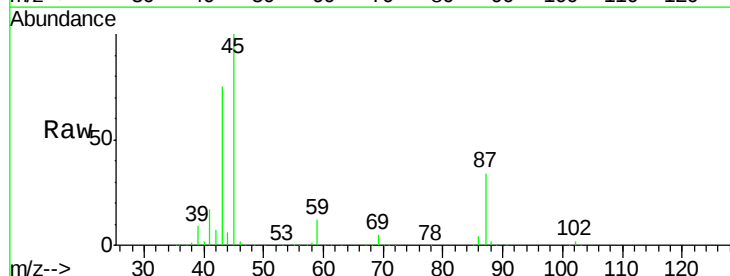
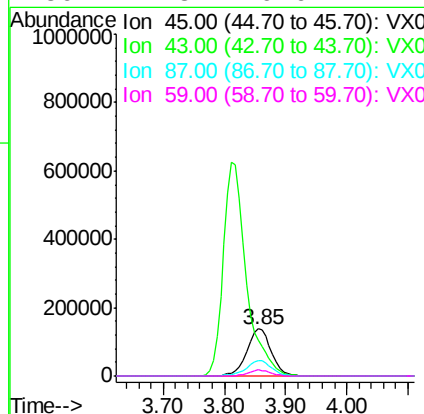
RT: 3.85 min Scan# 443

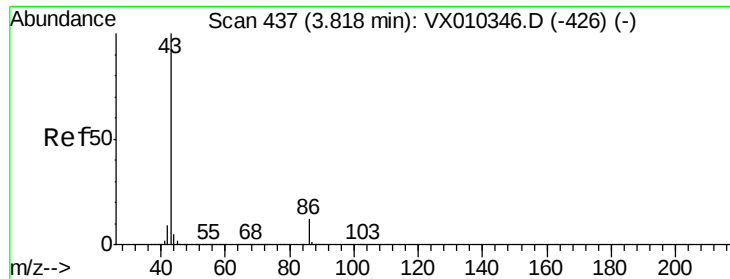
Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion:	45	Resp:	381875
Ion	Ratio	Lower	Upper
45	100		
43	74.9	63.3	94.9
87	33.6	25.8	38.8
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 245.483 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 43 Resp: 1634340

Ion Ratio Lower Upper

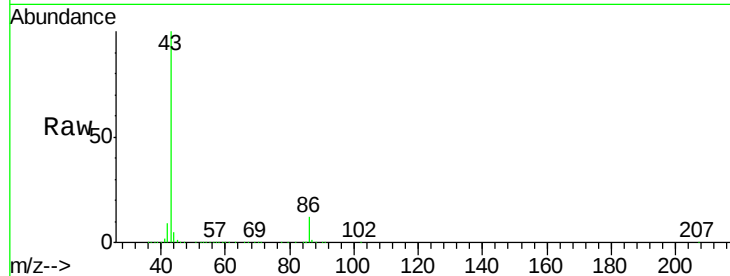
43 100

86 12.2 9.9 14.9

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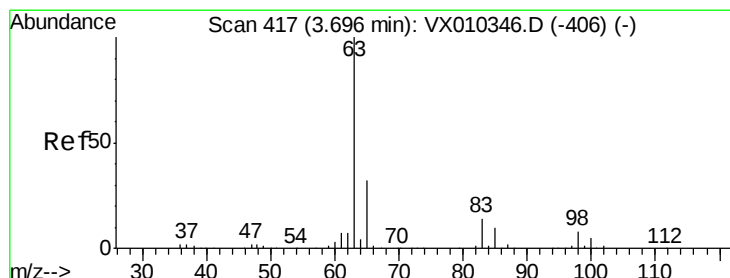
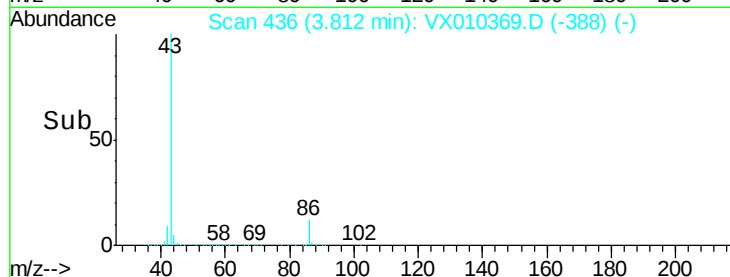
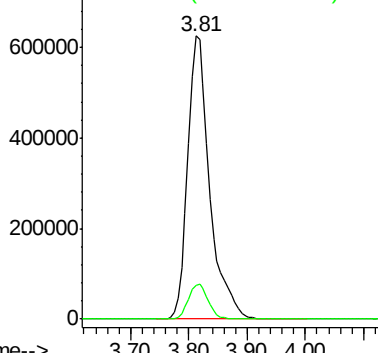
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.258 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

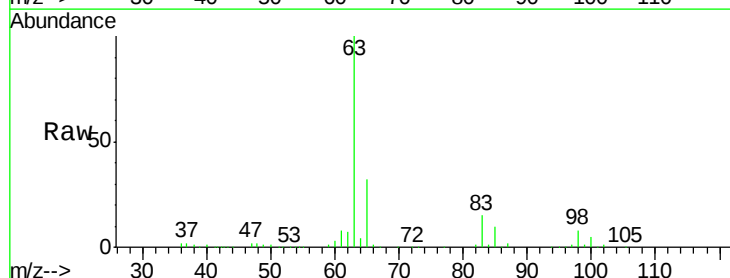
Tgt Ion: 63 Resp: 219428

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

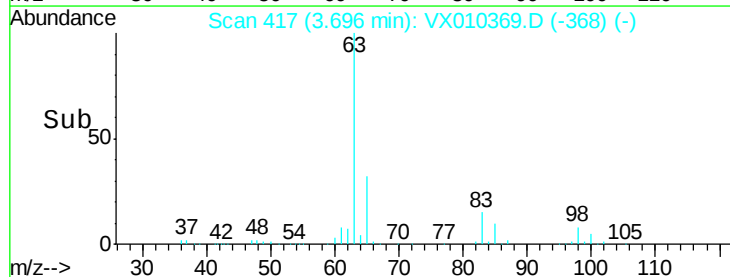
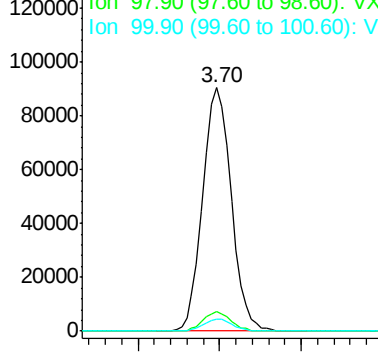
100 4.9 2.4 7.1

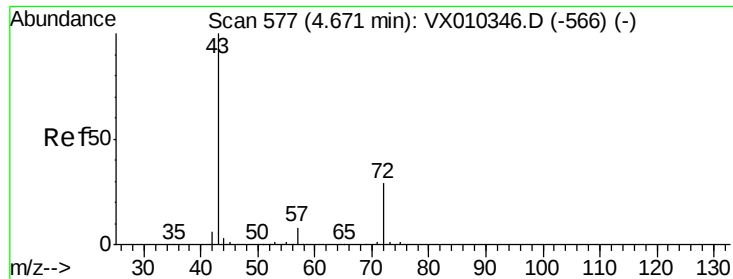


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.425 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 43 Resp: 500517

Ion Ratio Lower Upper

43 100

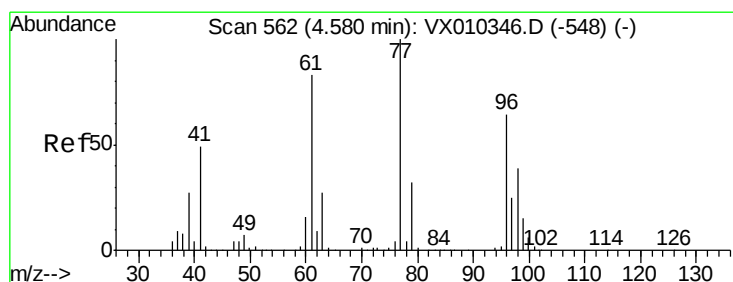
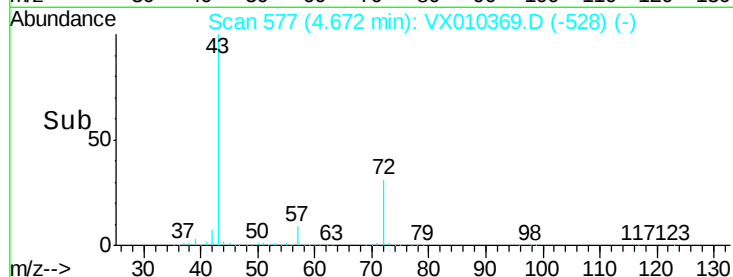
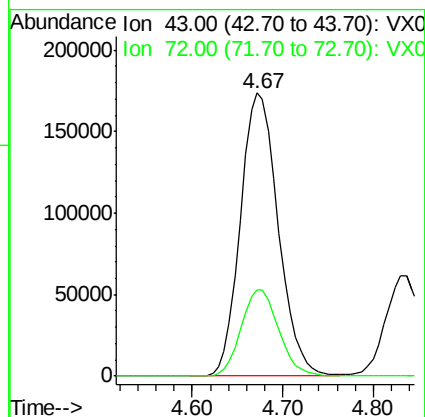
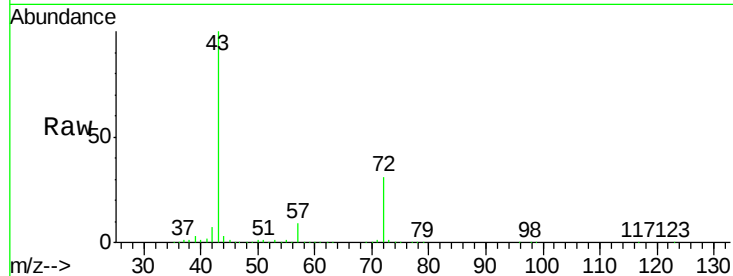
72 30.5 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010369.D

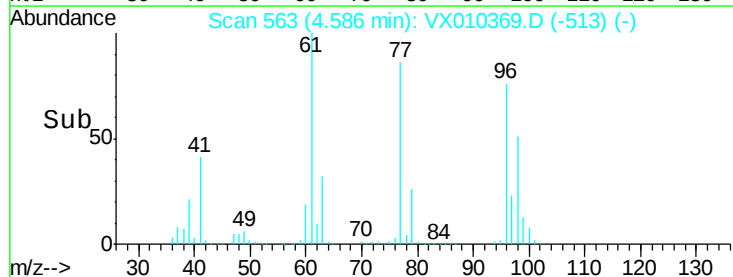
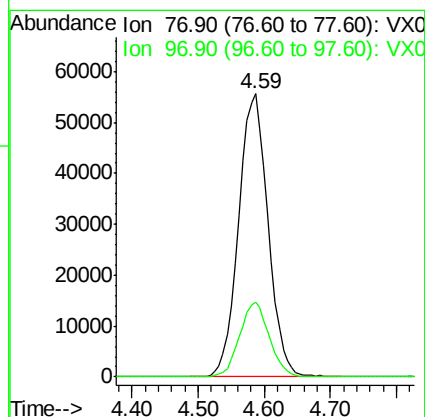
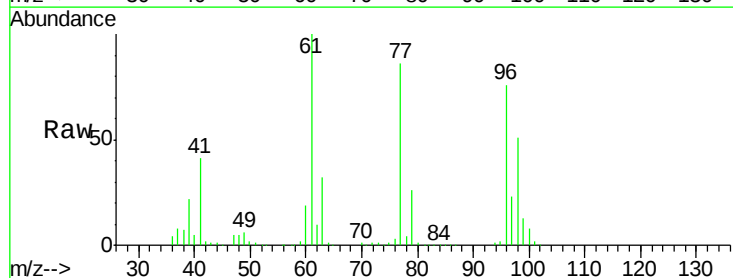
Acq: 20 Jun 2019 19:55

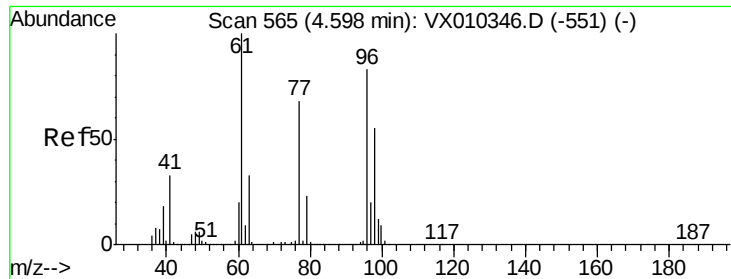
Tgt Ion: 77 Resp: 172236

Ion Ratio Lower Upper

77 100

97 26.7 13.1 39.3





#27

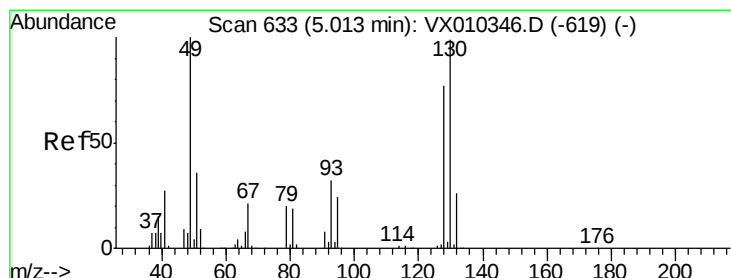
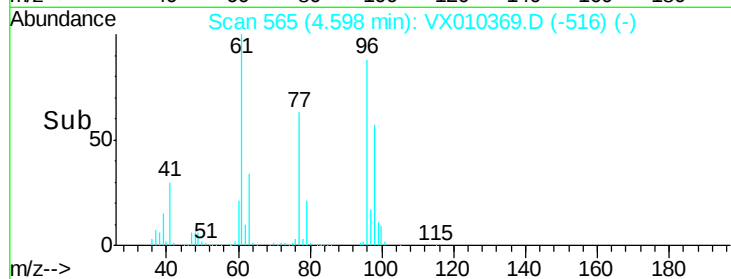
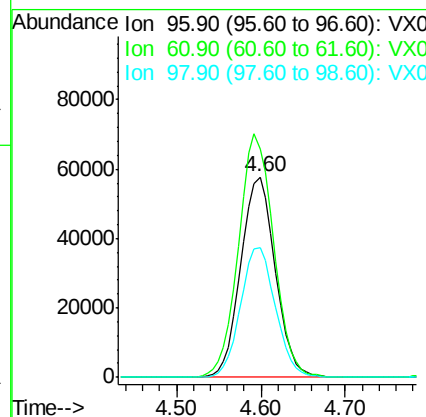
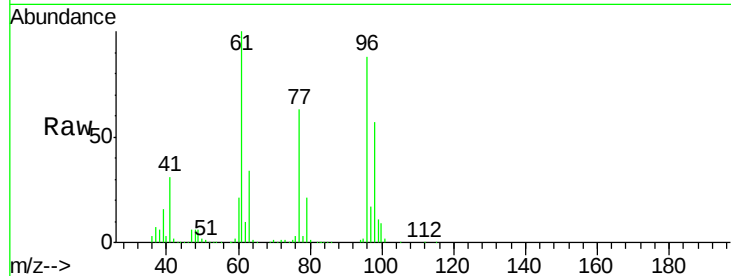
cis-1,2-Dichloroethene
 Concen: 49.675 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160290		
61	123.7		0.0	251.8
98	65.4		0.0	129.4

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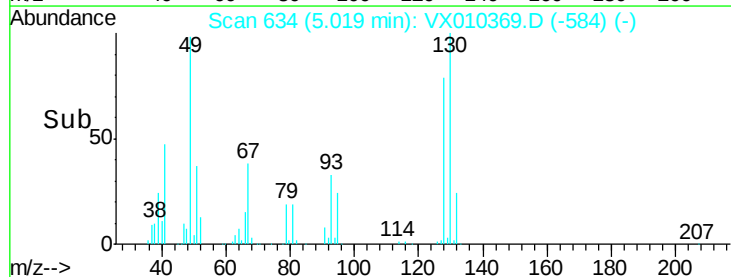
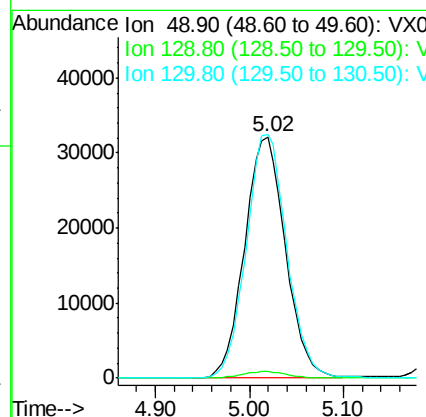
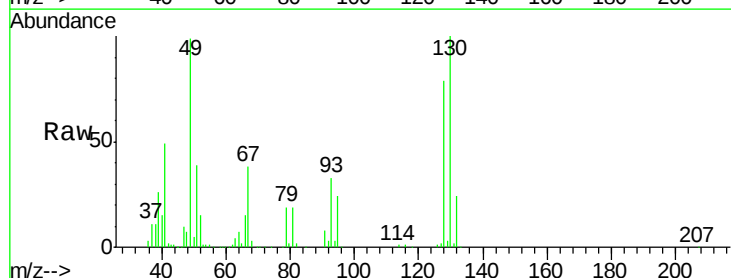
MMDadoda
 6/21/2019 11:35:35 AM

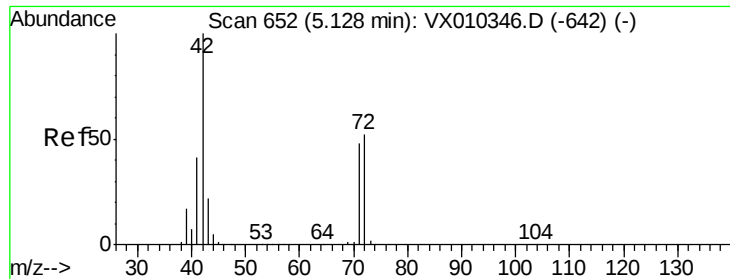


#28

Bromochloromethane
 Concen: 45.803 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97553		
129	2.9		0.0	5.6
130	100.6		81.4	122.0





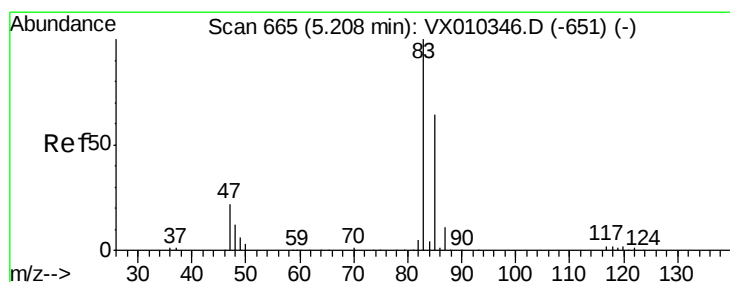
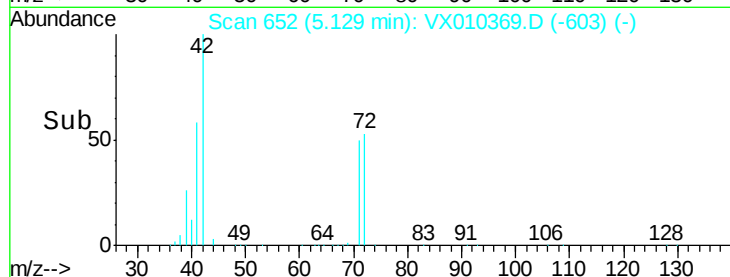
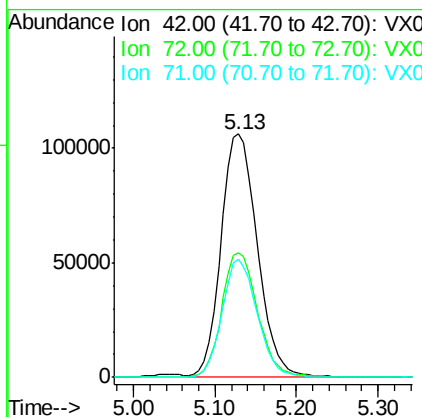
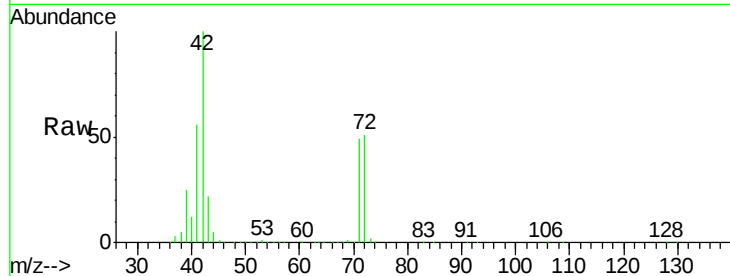
#29
Tetrahydrofuran
Concen: 255.067 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	40.6	60.8
71	47.2	37.8	56.8

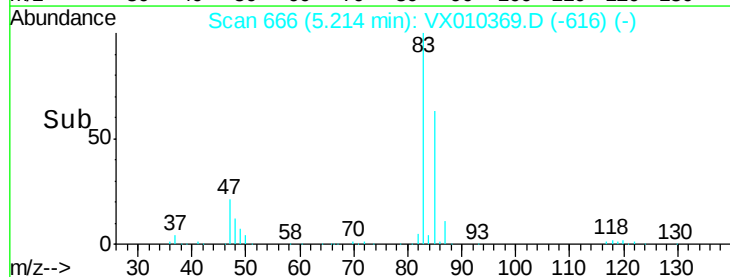
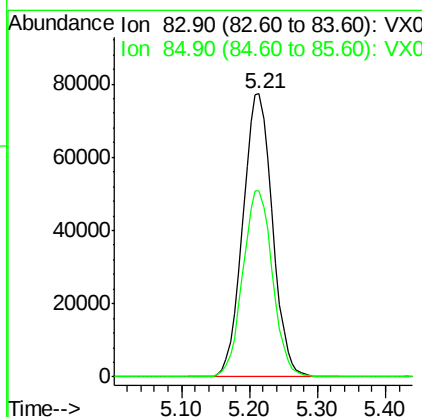
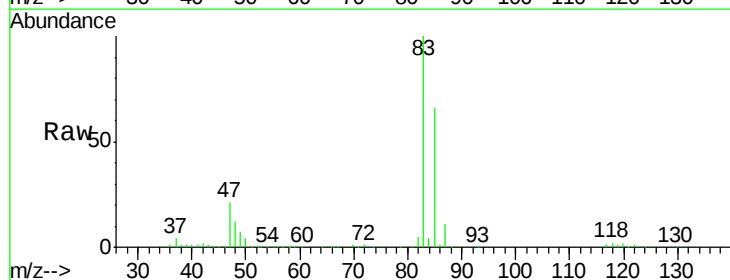
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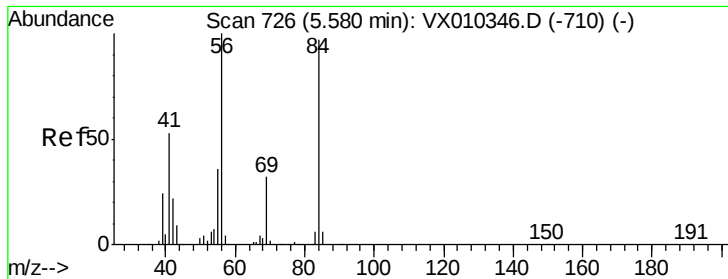
MMDadoda
6/21/2019 11:35:35 AM



#30
Chloroform
Concen: 48.896 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31

Cyclohexane

Concen: 49.494 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

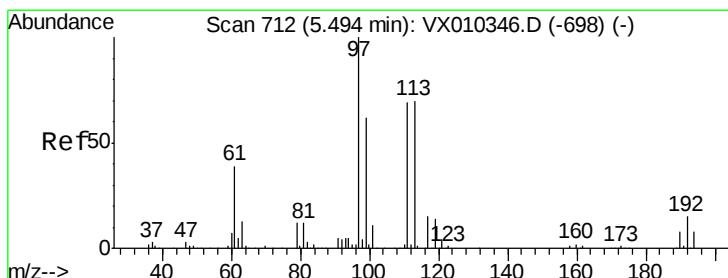
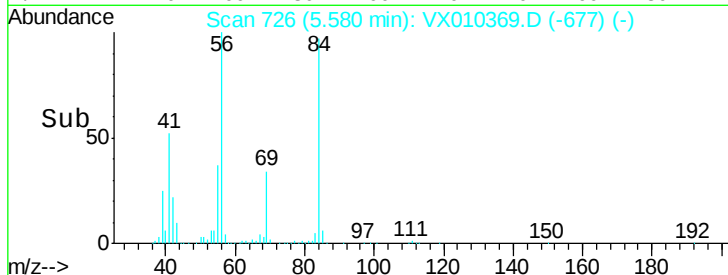
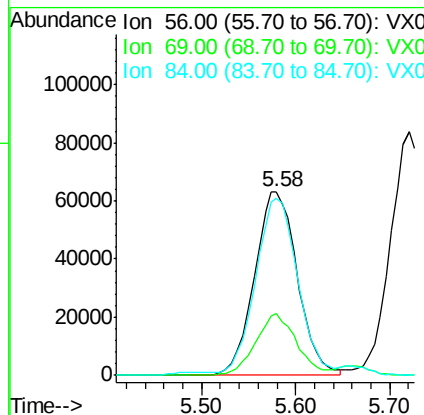
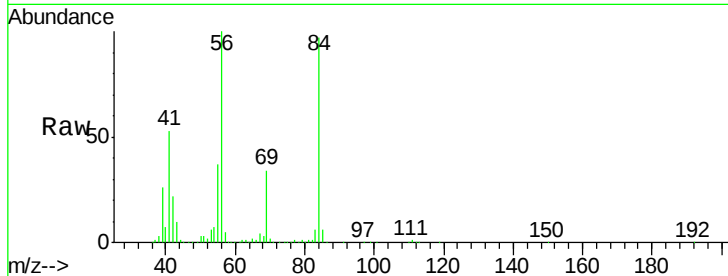
ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	25.9	38.9
84	94.9	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 50.106 ug/l

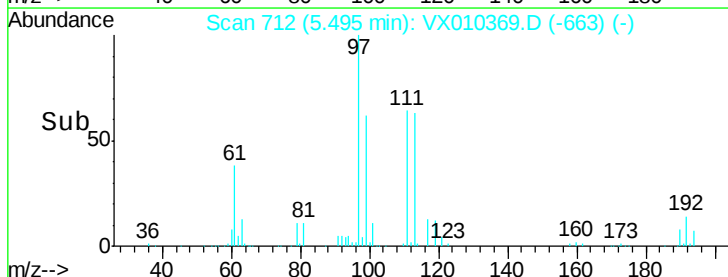
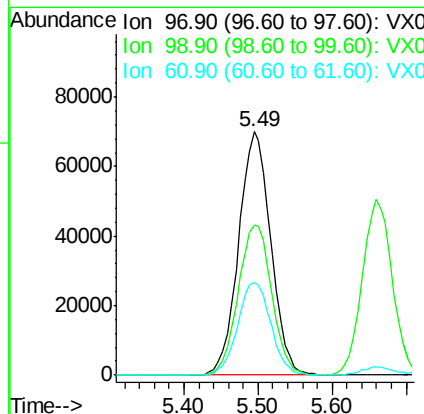
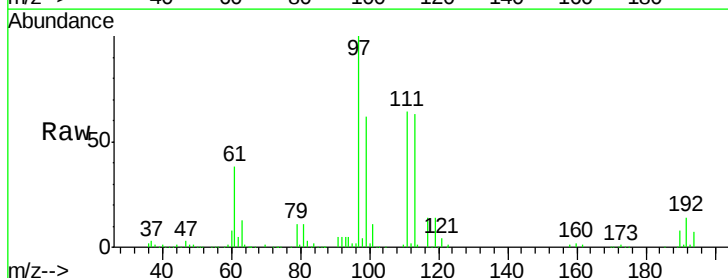
RT: 5.49 min Scan# 712

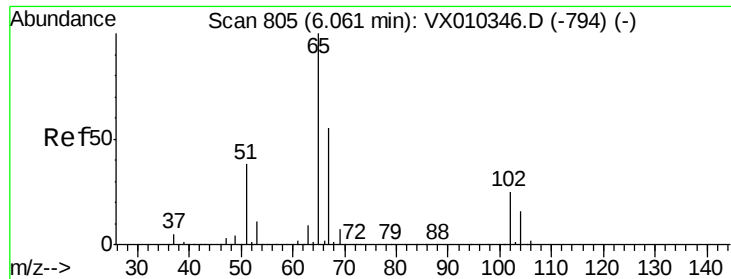
Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	39.3	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 46.494 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 65 Resp: 130574

Ion Ratio Lower Upper

65 100

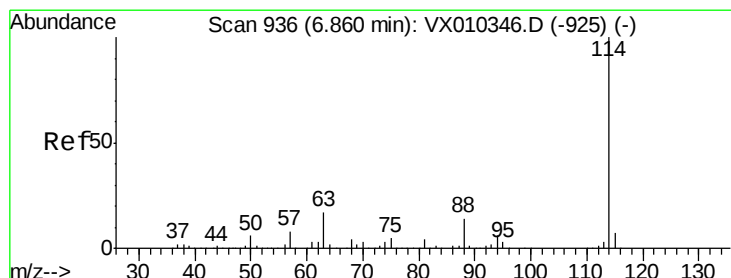
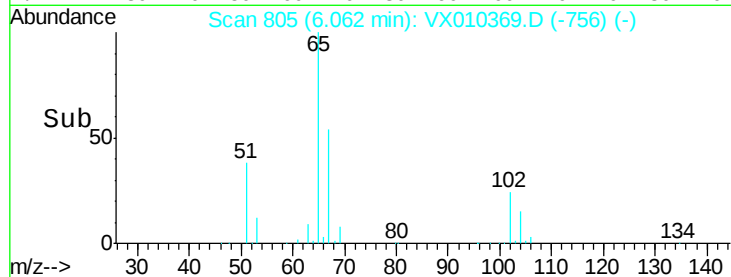
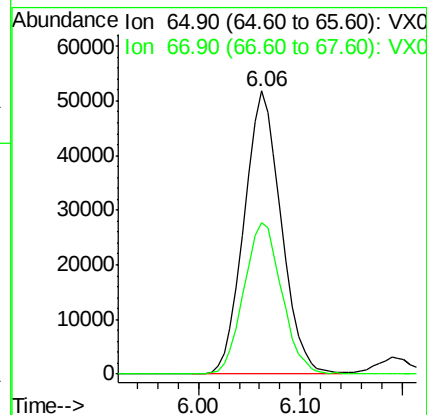
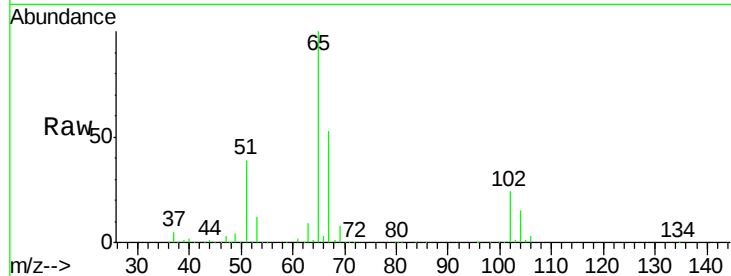
67 54.8 0.0 110.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

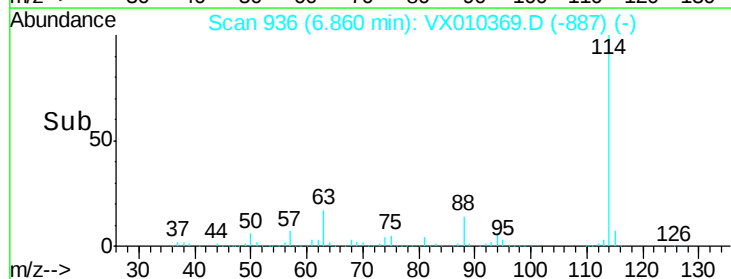
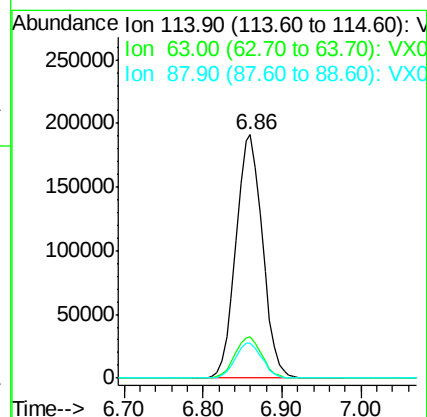
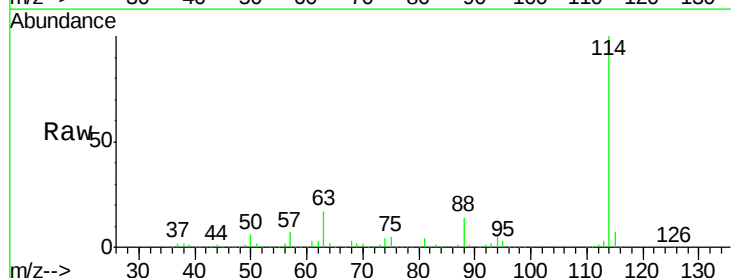
Tgt Ion: 114 Resp: 448260

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

88 14.2 0.0 27.6





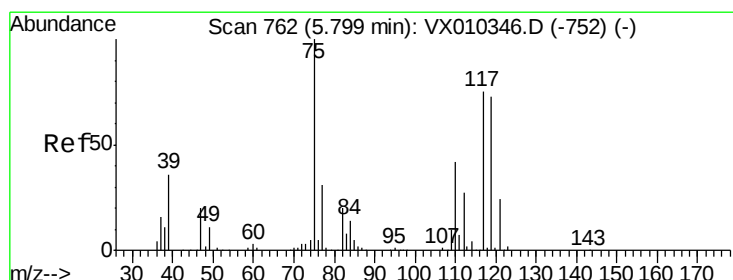
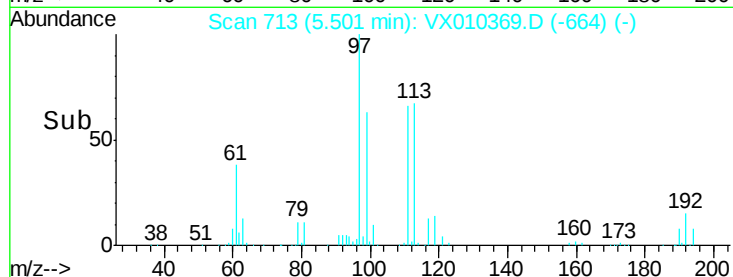
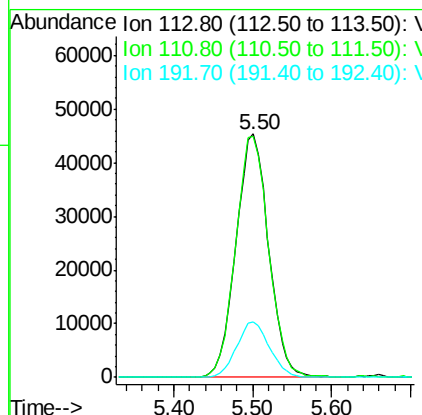
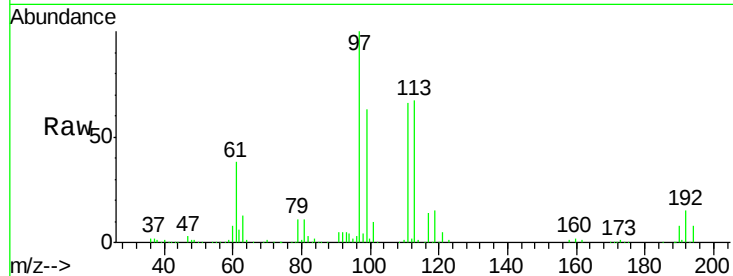
#35
Dibromofluoromethane
Concen: 47.584 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130505		
111	100.3	81.2	121.8	
192	22.9	18.6	27.8	

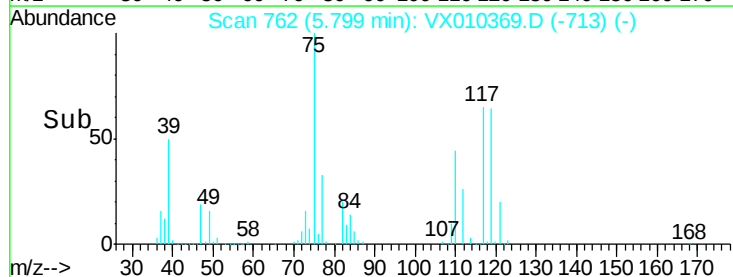
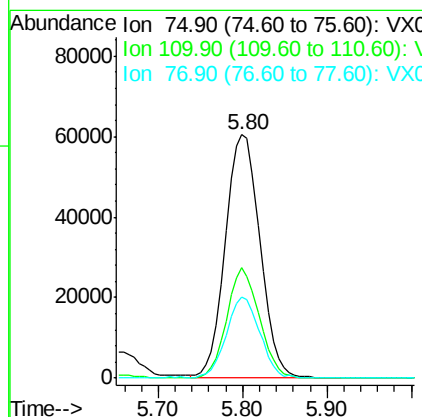
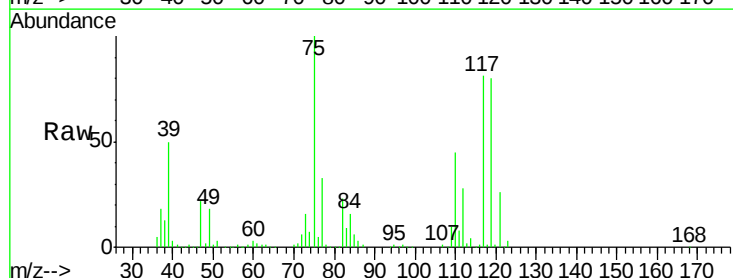
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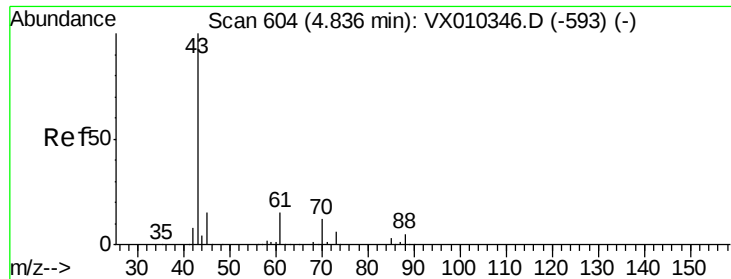
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#36
1,1-Dichloropropene
Concen: 47.443 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168998		
110	42.8	20.8	62.2	
77	31.9	25.4	38.0	





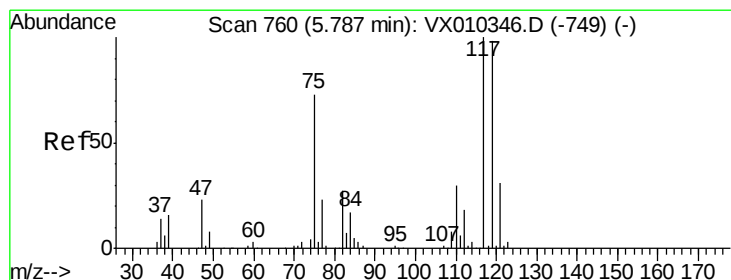
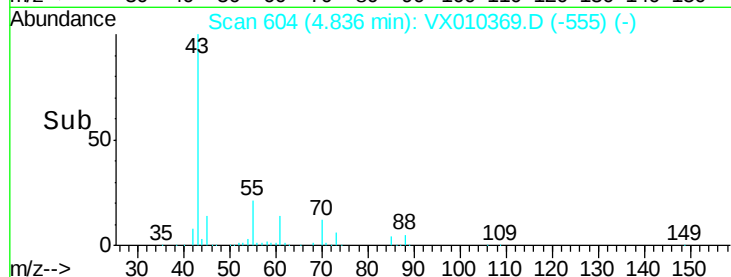
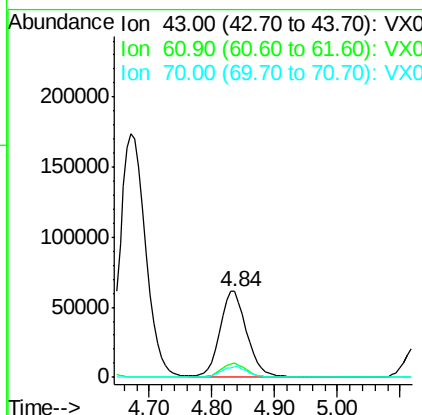
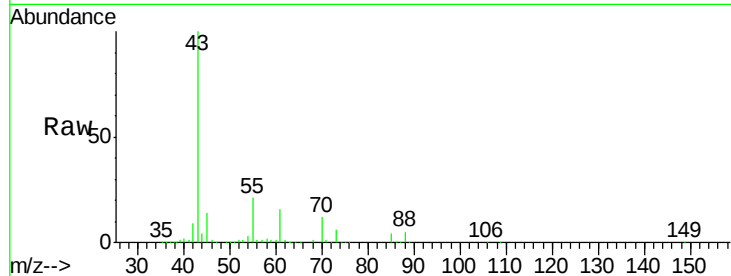
#37
Ethyl Acetate
Concen: 49.452 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	12.5	9.8	14.8

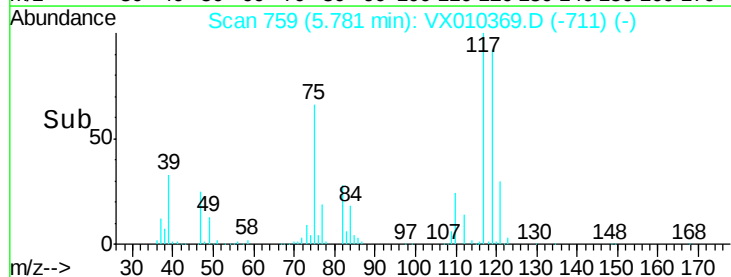
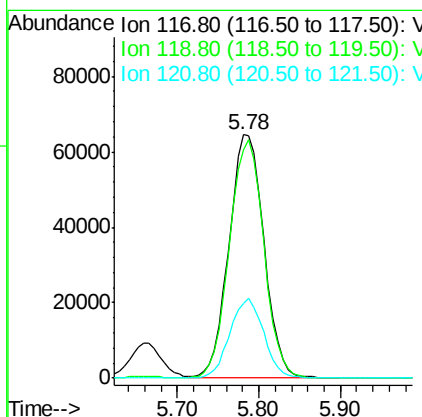
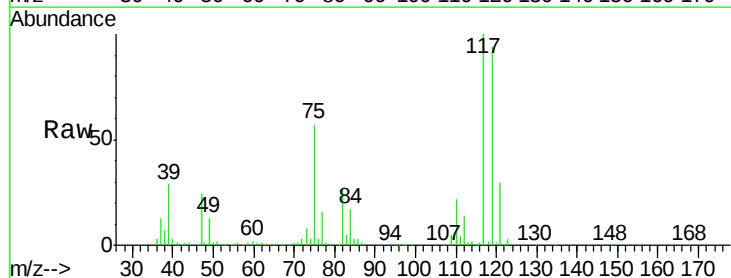
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#38
Carbon Tetrachloride
Concen: 49.583 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.2	117.4
121	30.4	24.7	37.1





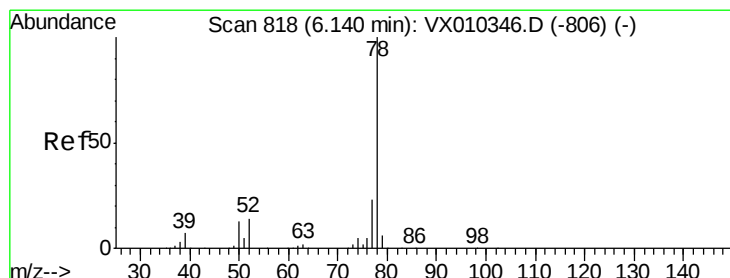
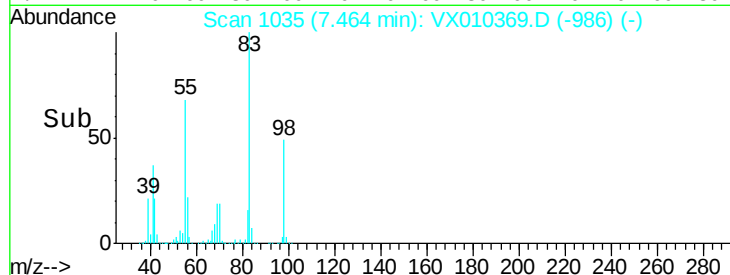
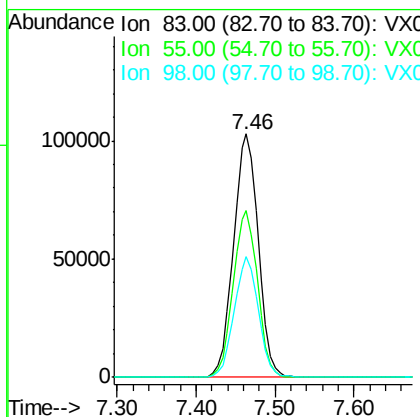
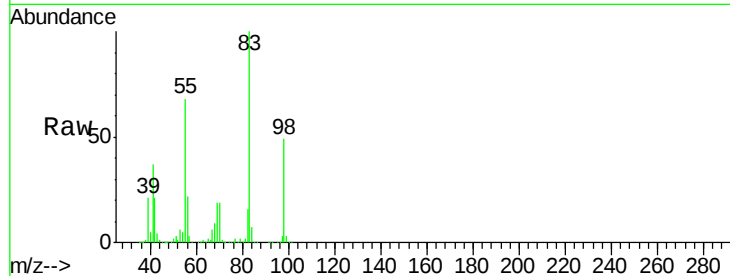
#39
Methvlcvclohexane
Concen: 47.901 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.0	79.6
98	49.5	37.8	56.8

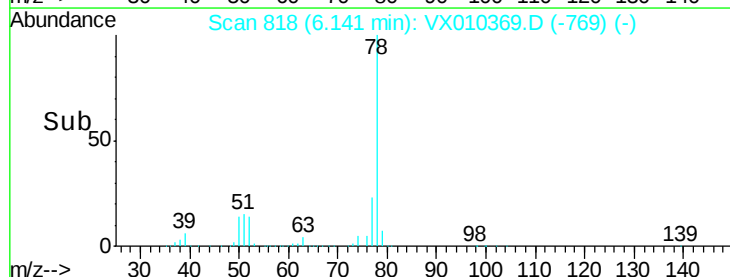
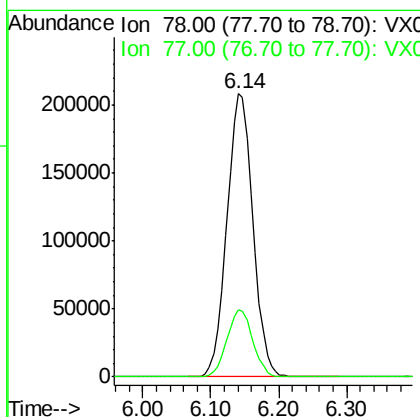
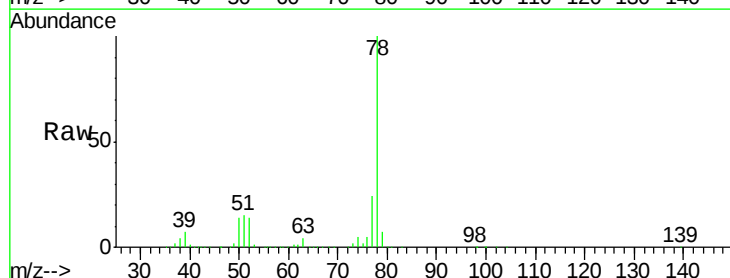
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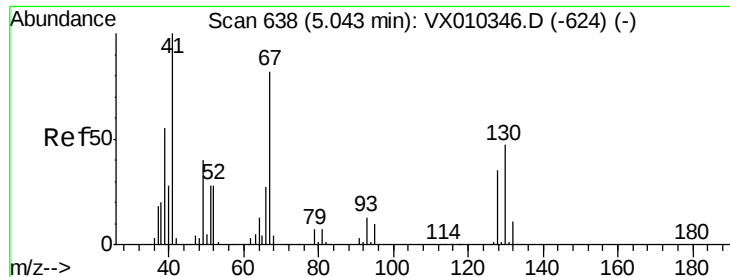
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6/21/2019 11:35:35 AM



#40
Benzene
Concen: 49.533 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





#41

Methacrylonitrile

Concen: 50.513 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 41 Resp: 101565

Ion Ratio Lower Upper

41 100

39 53.9 43.8 65.8

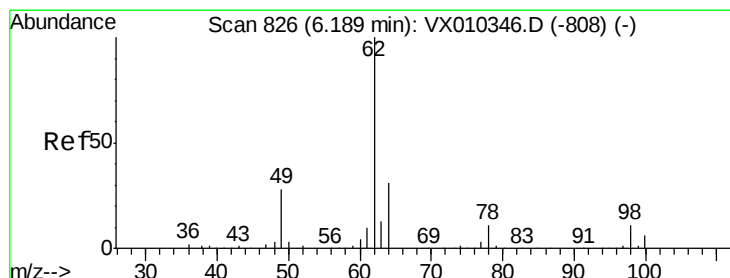
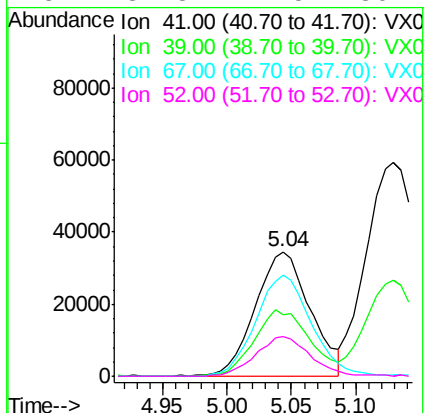
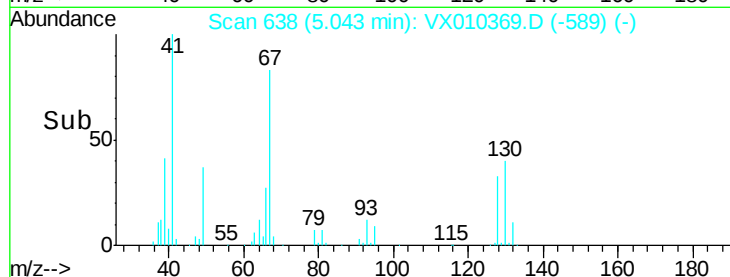
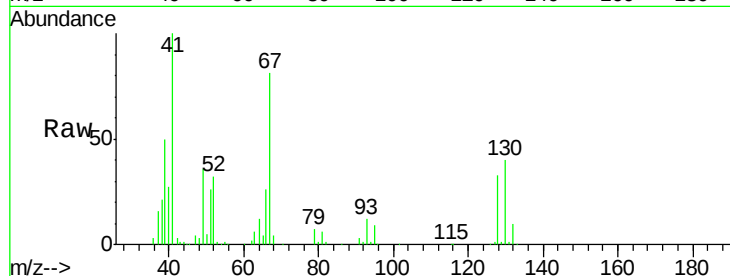
67 83.3 66.6 100.0

52 32.8 24.5 36.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.957 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010369.D

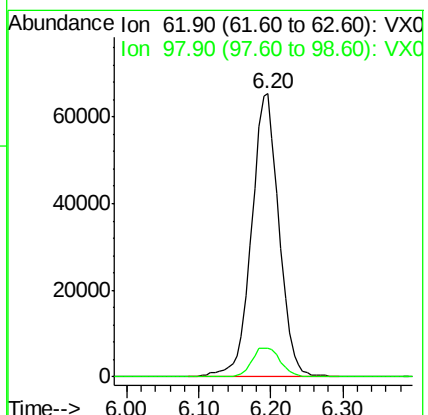
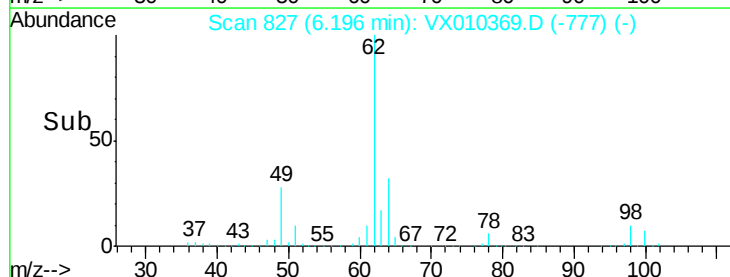
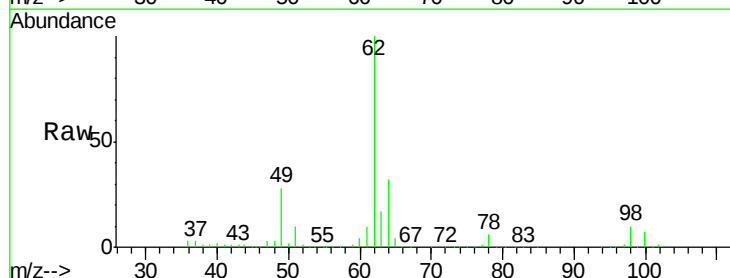
Acq: 20 Jun 2019 19:55

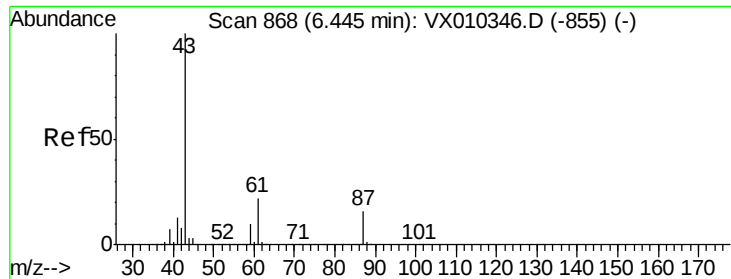
Tgt Ion: 62 Resp: 172139

Ion Ratio Lower Upper

62 100

98 10.8 0.0 22.2





#43

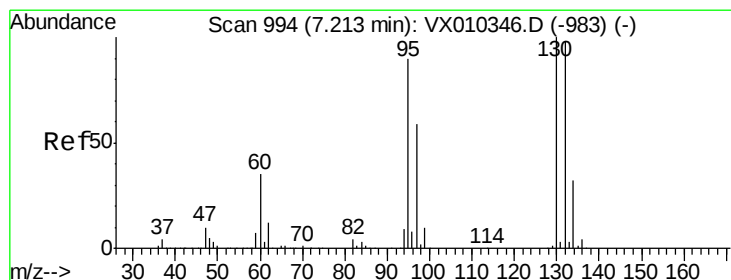
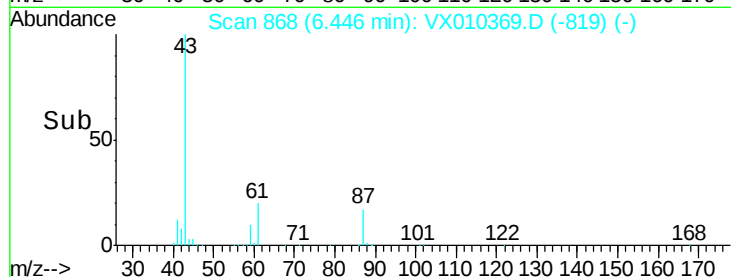
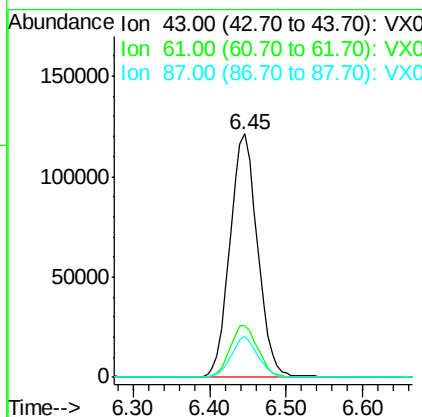
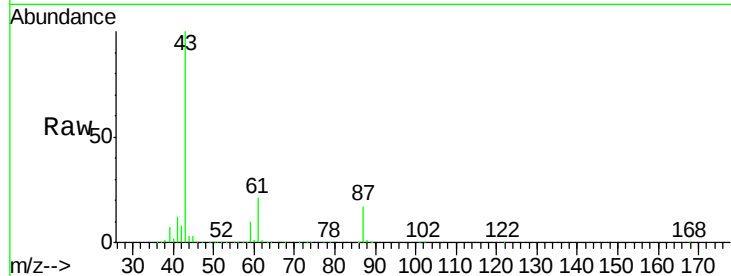
Isopropyl Acetate
 Concen: 49.888 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	16.2	13.0	19.4

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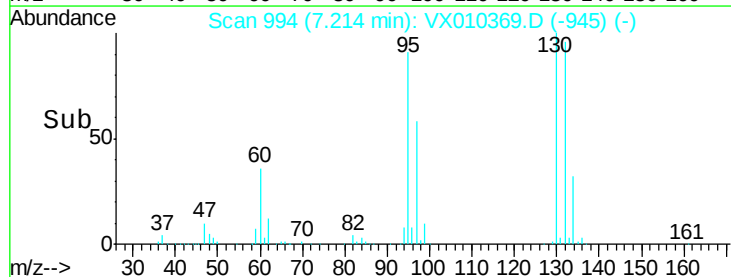
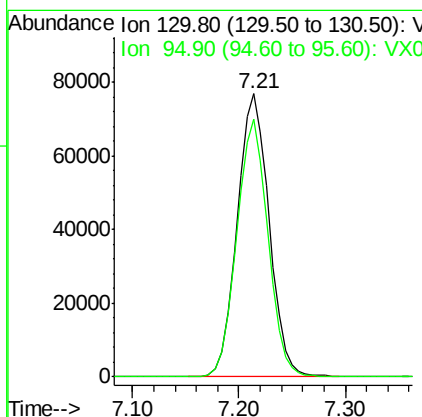
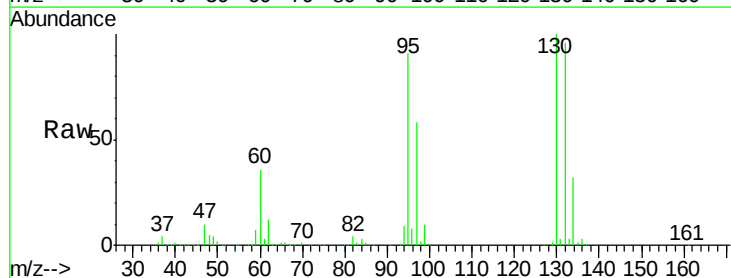
MMDadoda
 6/21/2019 11:35:35 AM

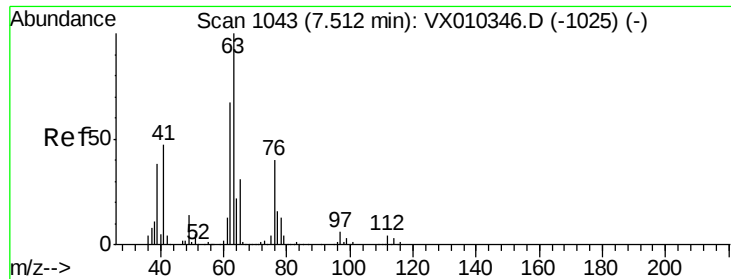


#44

Trichloroethene
 Concen: 48.668 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	180.8





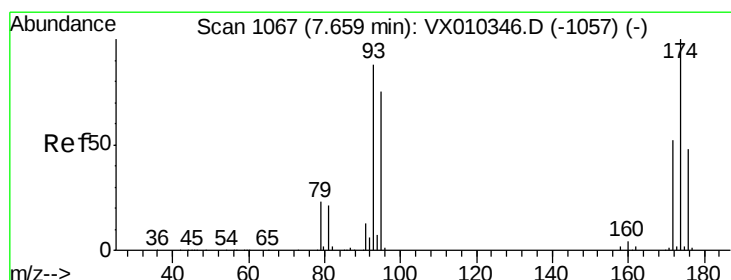
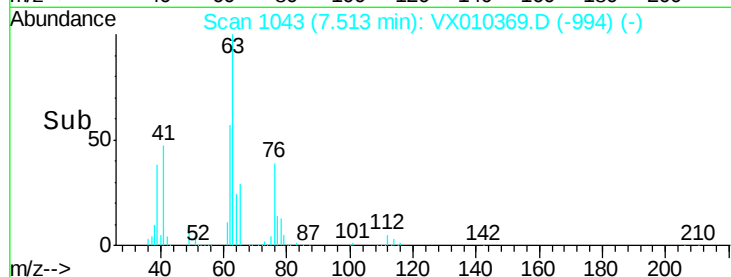
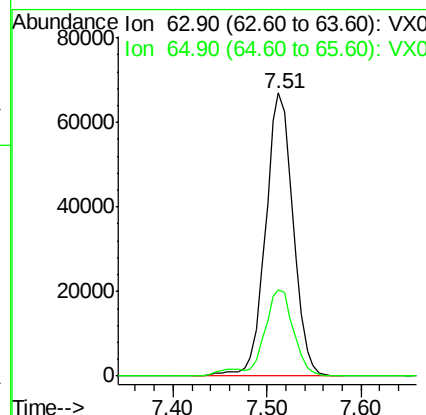
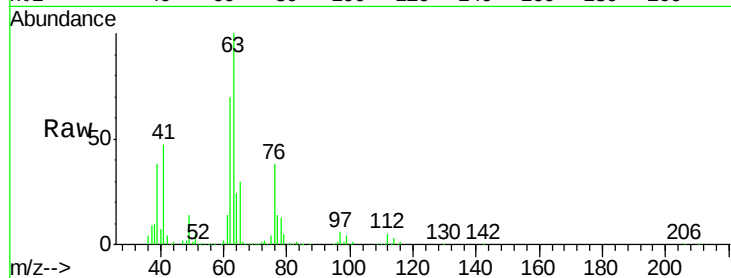
#45
 1,2-Dichloropropane
 Concen: 49.241 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	63	Ratio	Lower	Upper
63	100			
65	30.3	24.8	37.2	

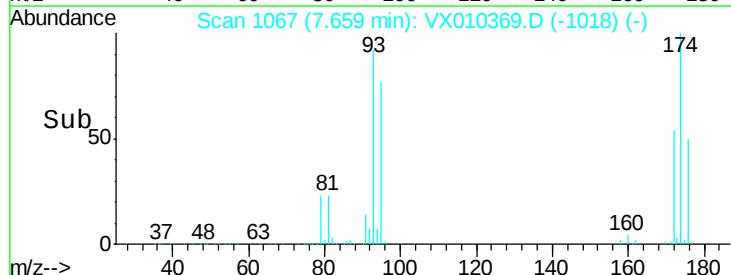
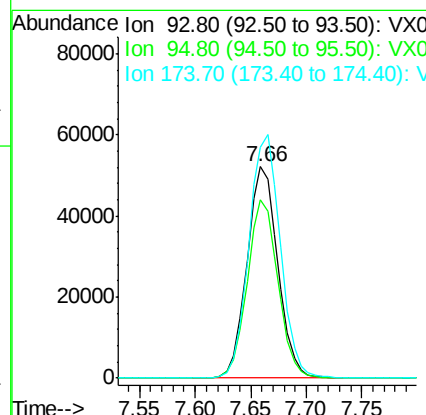
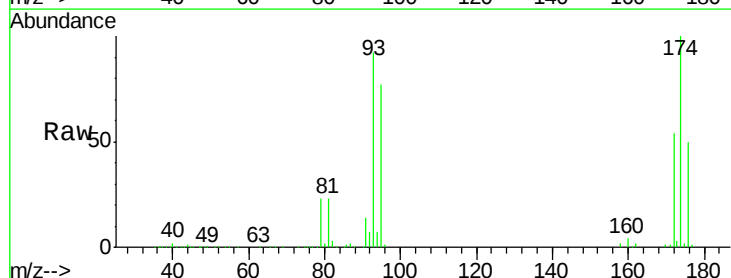
Manual Integrations
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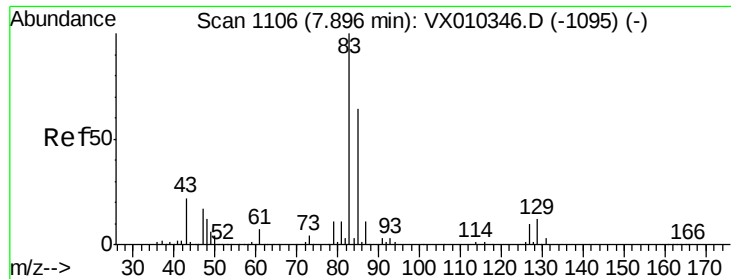
MMDadoda
 6/21/2019 11:35:35 AM



#46
 Dibromomethane
 Concen: 49.942 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	93	Ratio	Lower	Upper
93	100			
95	84.3	67.5	101.3	
174	117.6	95.8	143.6	





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

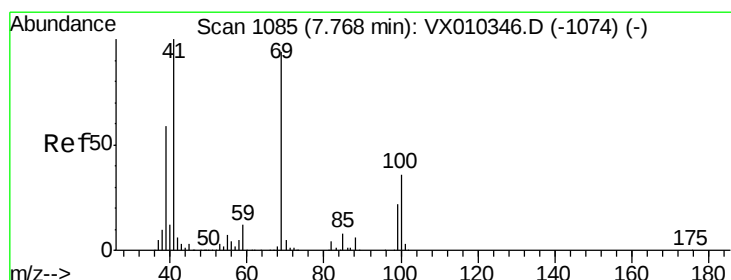
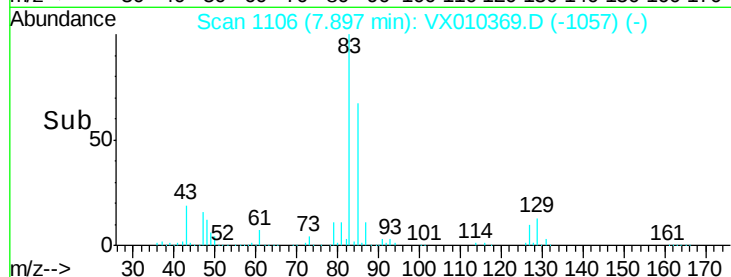
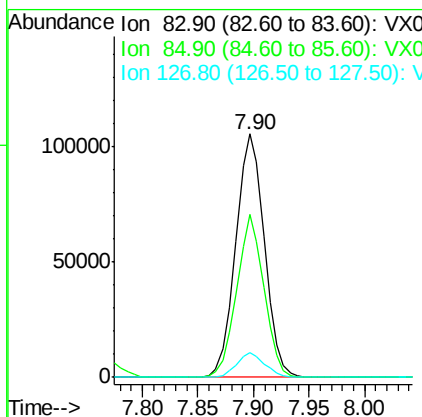
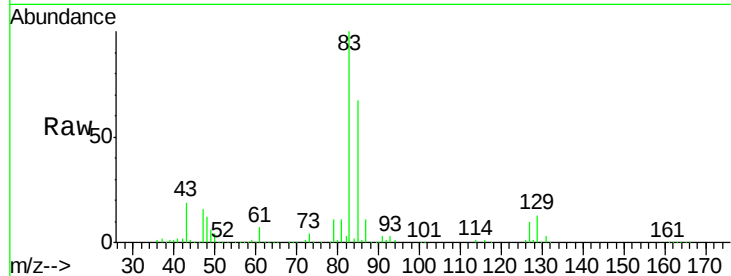
ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:	83	Resp:	187325
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.5	77.3
127	10.3	7.8	11.8

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6/21/2019 11:35:35 AM



#48

Methyl methacrylate

Concen: 52.523 ug/l

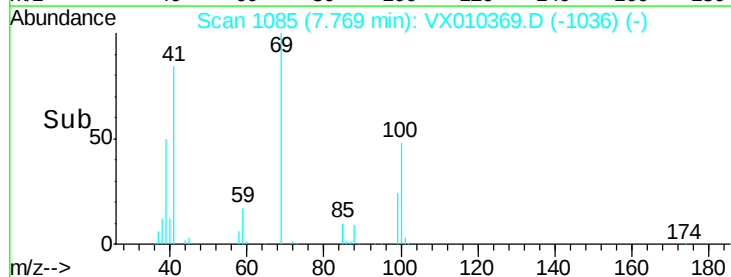
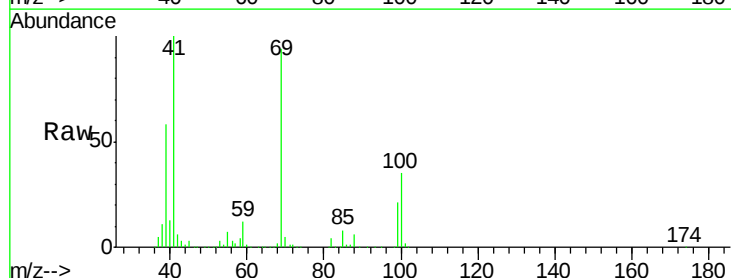
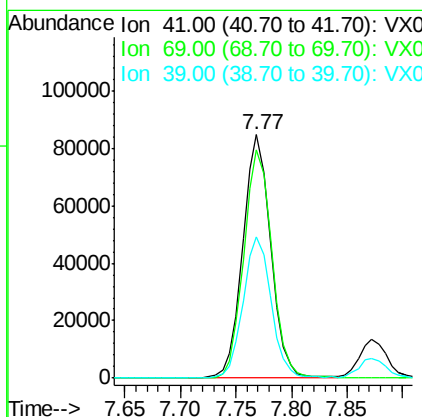
RT: 7.77 min Scan# 1085

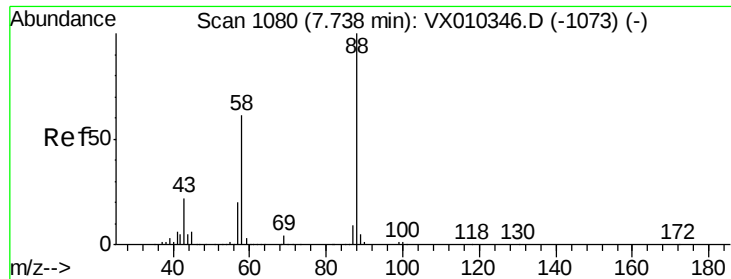
Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion:	41	Resp:	148017
Ion Ratio	Lower	Upper	
41	100		
69	94.5	76.1	114.1
39	57.9	47.6	71.4





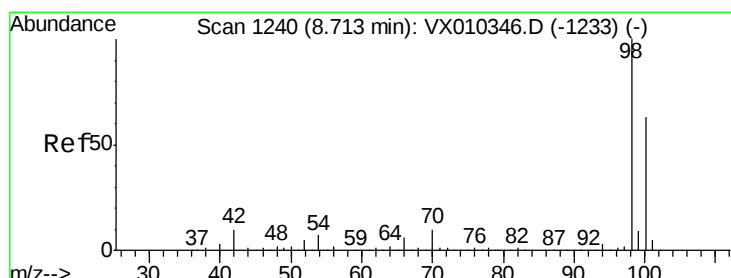
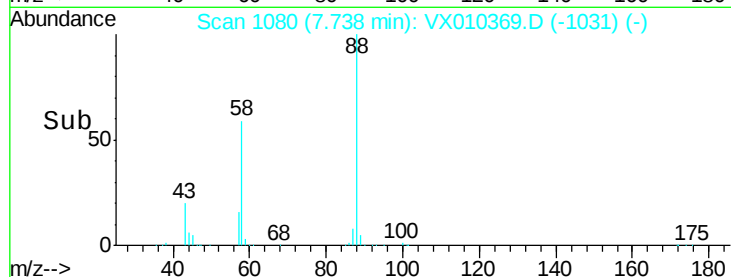
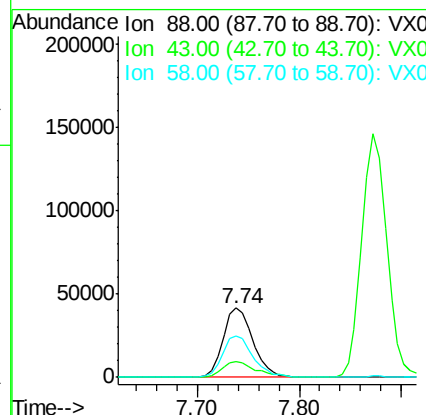
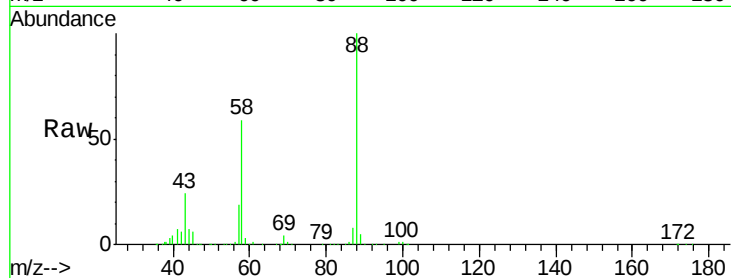
#49
1,4-Dioxane
Concen: 1046.135 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.2	30.2
58	61.3	49.5	74.3

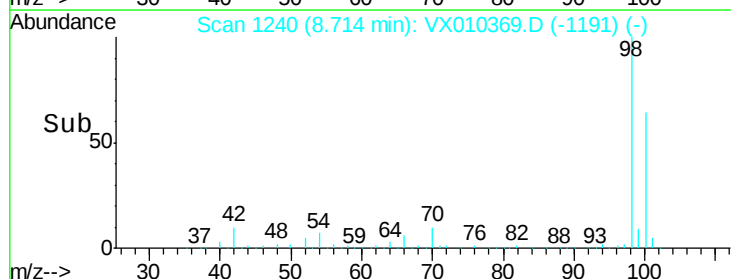
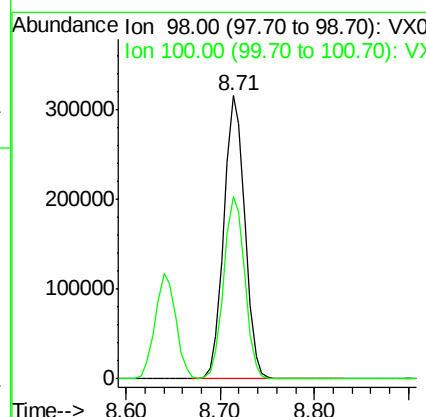
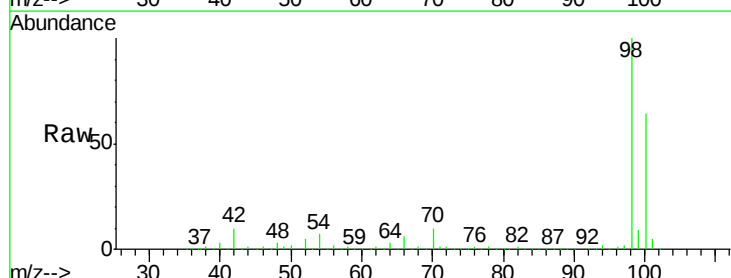
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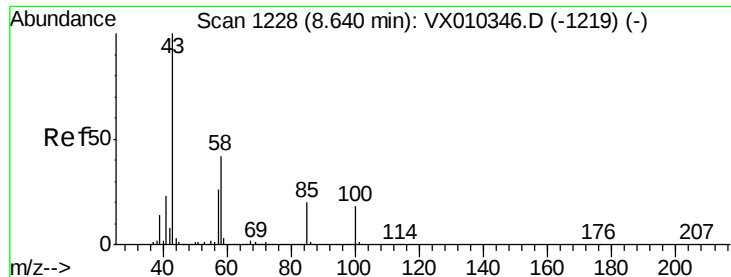
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#50
Toluene-d8
Concen: 46.313 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





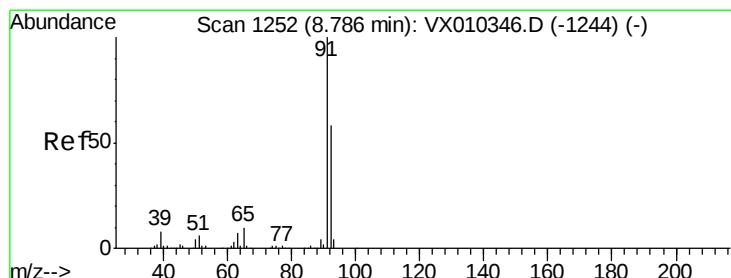
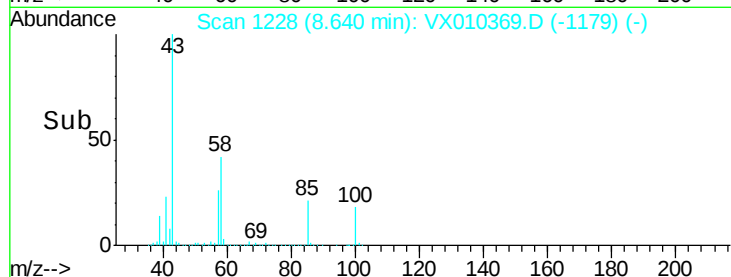
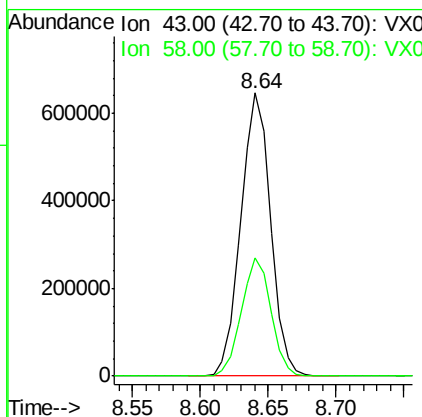
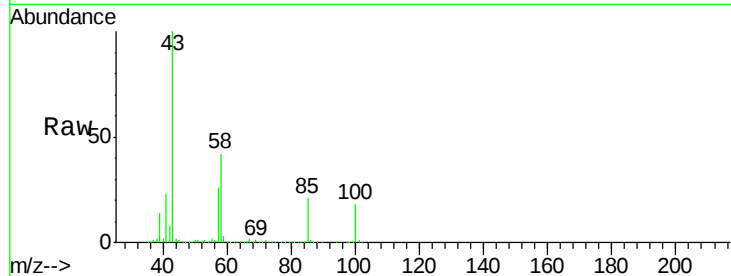
#51
4-Methyl-2-Pentanone
Concen: 255.059 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	33.5	50.3

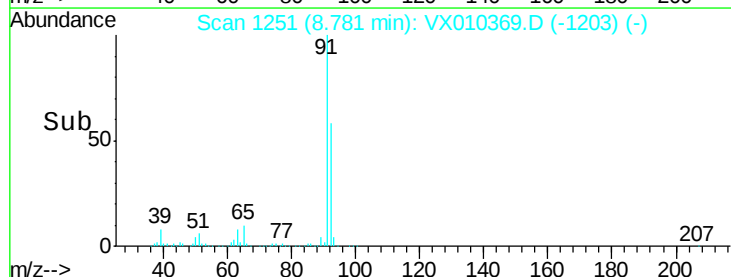
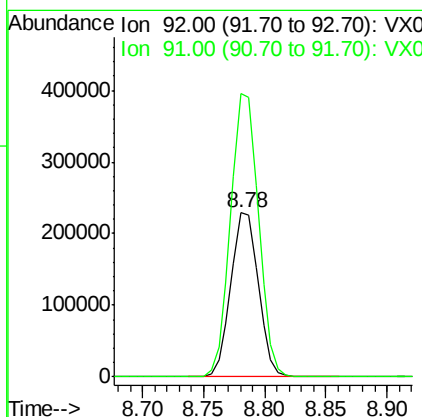
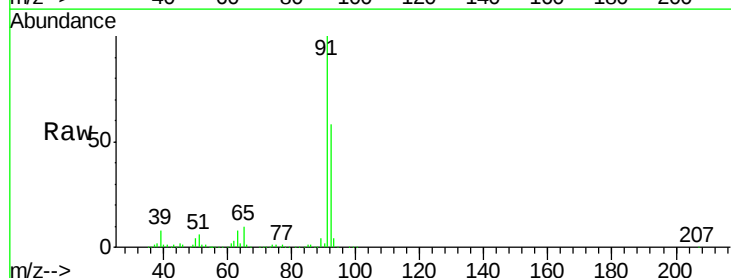
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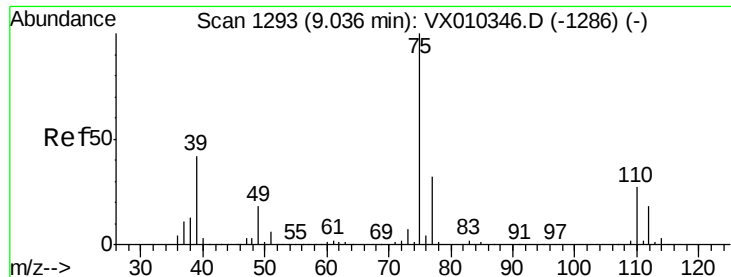
MMDadoda
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#52
Toluene
Concen: 48.862 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.1	139.8	209.6





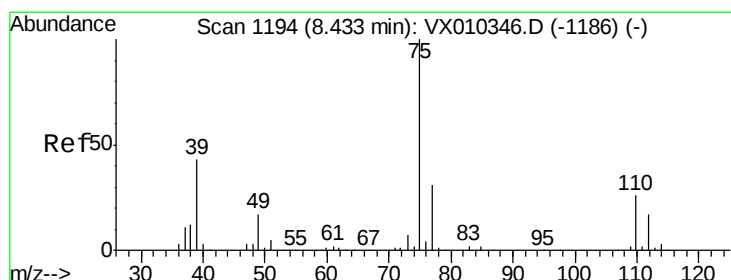
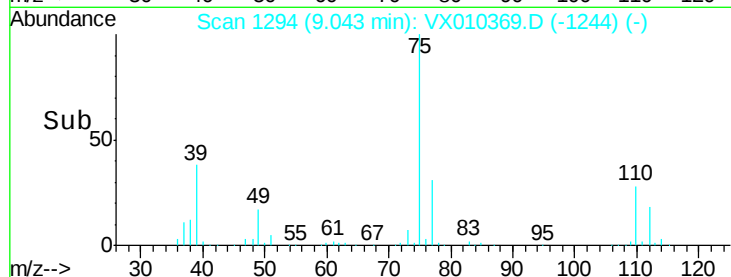
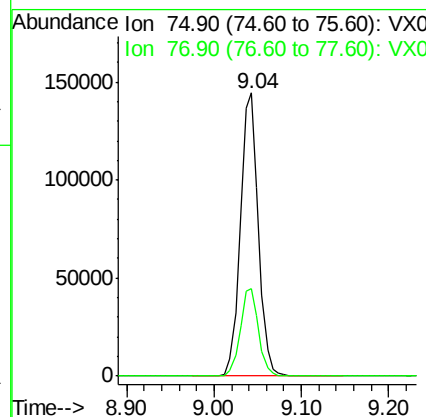
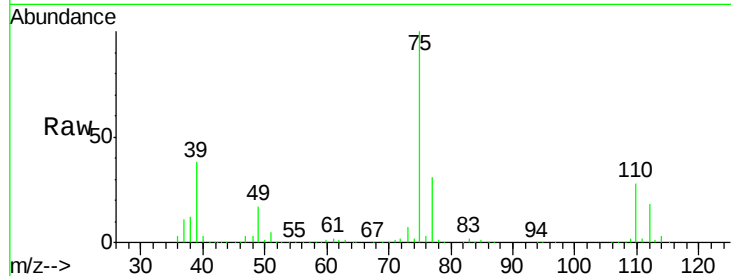
#53
t-1,3-Dichloropropene
Concen: 50.404 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion: 75 Resp: 208232
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

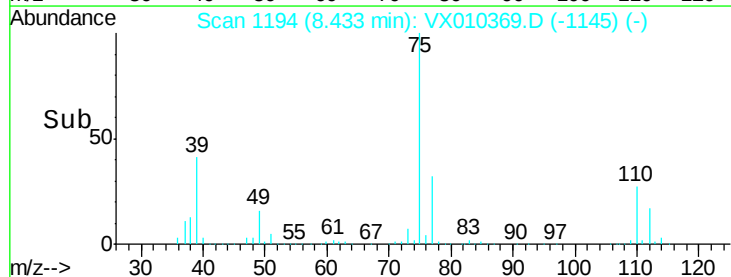
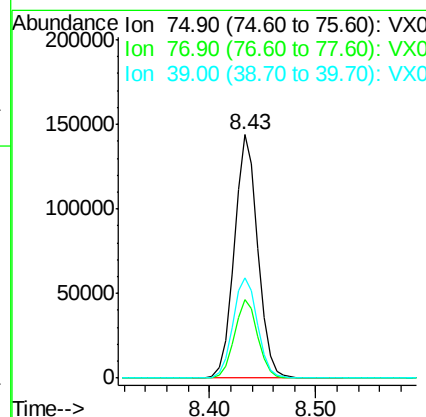
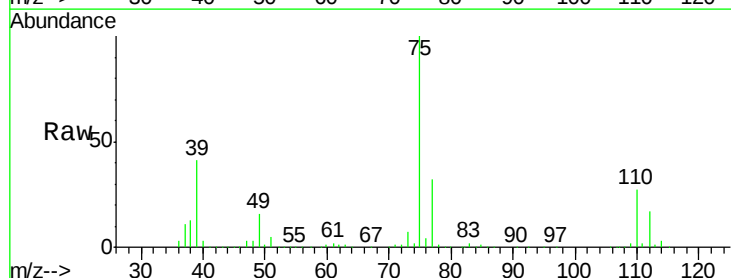
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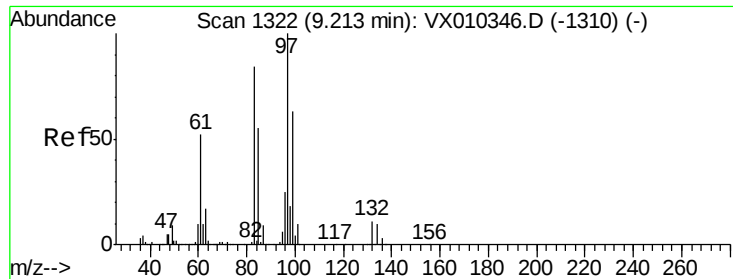
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#54
cis-1,3-Dichloropropene
Concen: 49.471 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 75 Resp: 222100
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 41.3 34.5 51.7





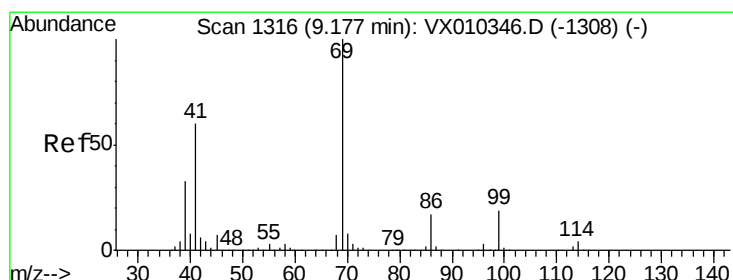
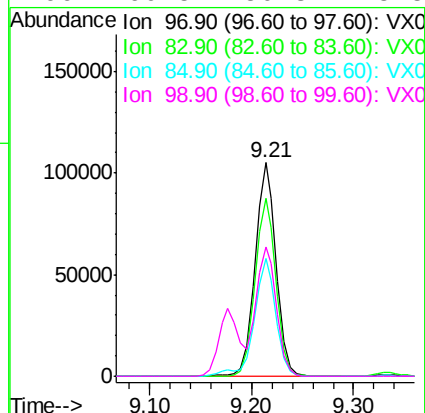
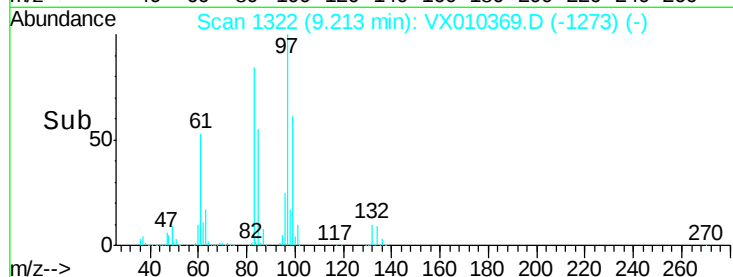
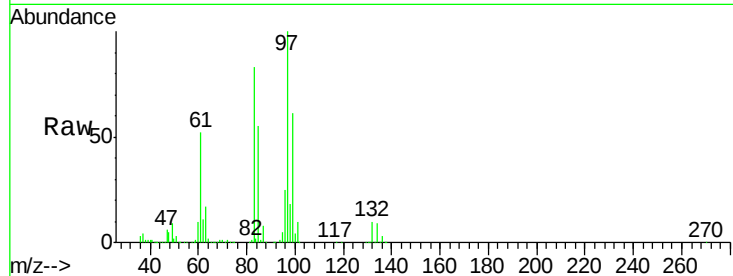
#55
 1,1,2-Trichloroethane
 Concen: 50.139 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	97	Resp	151124
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.4	101.0
85	55.0	43.8	65.8
99	60.5	50.3	75.5

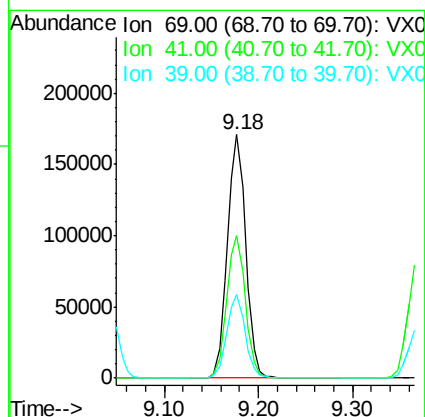
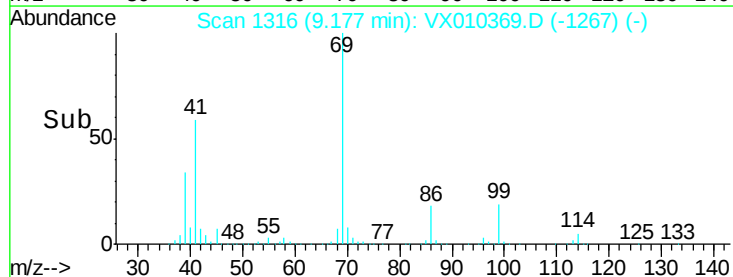
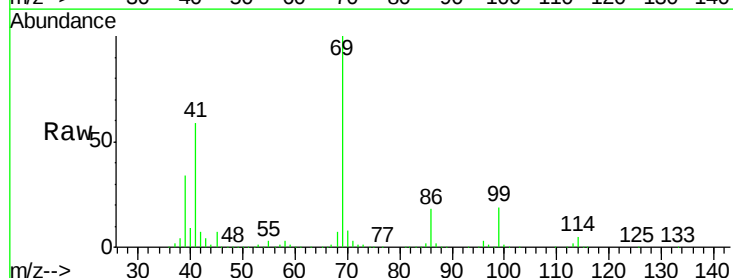
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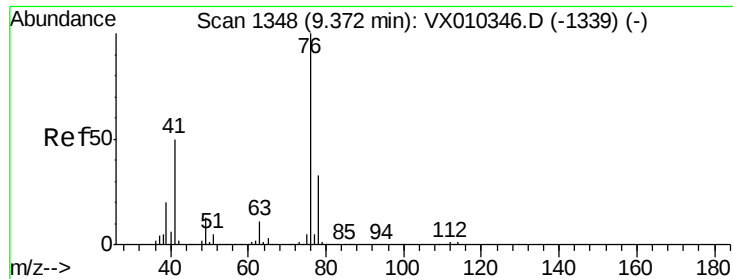
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 6/21/2019 11:35:35 AM



#56
 Ethyl methacrylate
 Concen: 50.717 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	69	Resp	231571
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.1	70.7
39	33.8	26.6	40.0





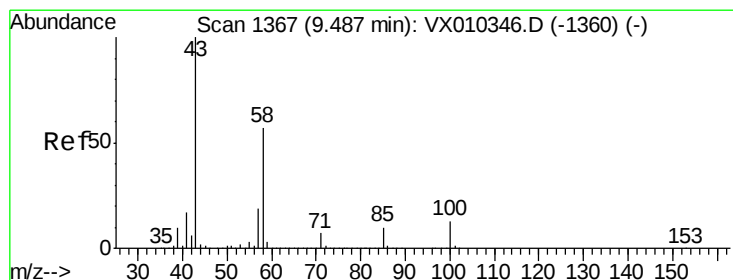
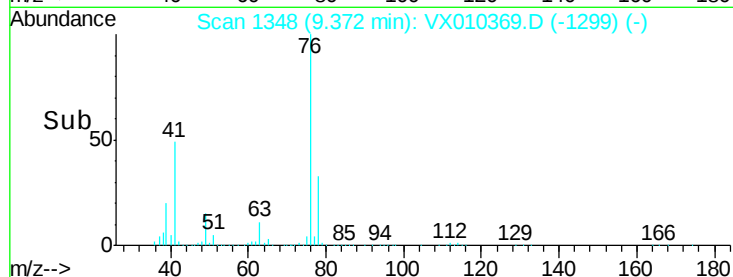
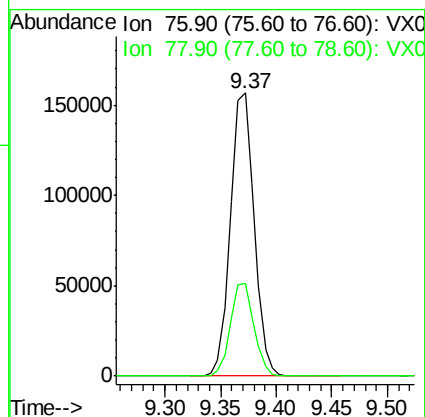
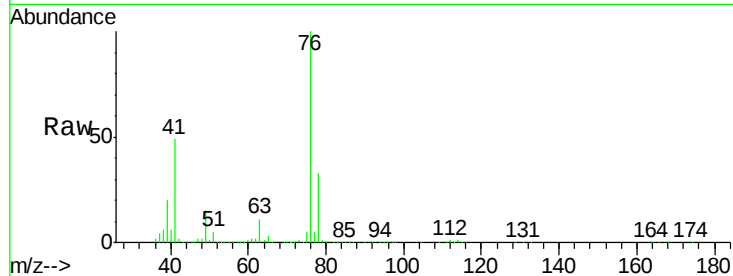
#57
 1,3-Dichloropropane
 Concen: 49.515 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion: 76 Resp: 231667
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

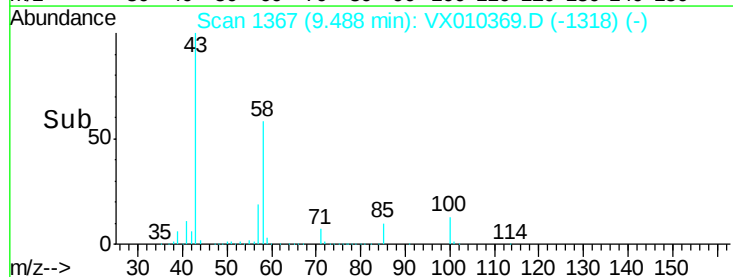
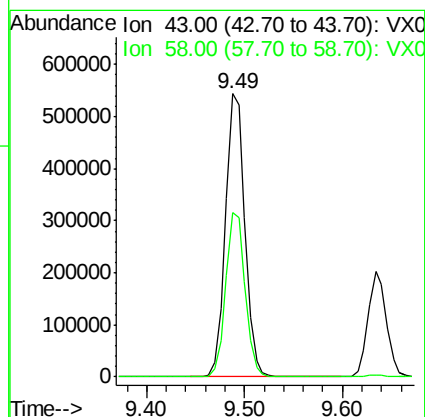
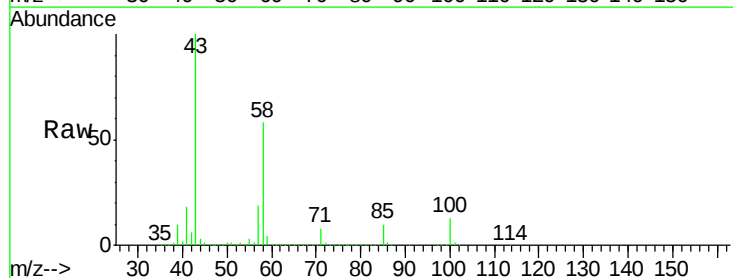
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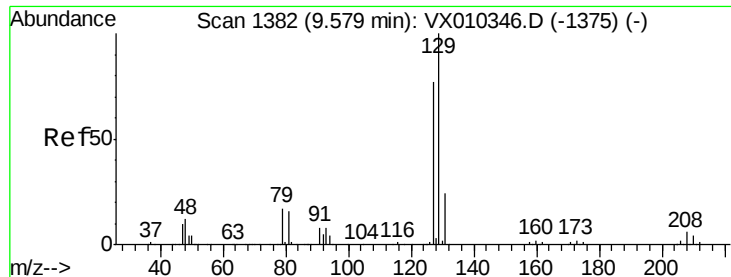
MMDadoda
 6/21/2019 11:35:35 AM



#59
 2-Hexanone
 Concen: 244.888 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 43 Resp: 747359
 Ion Ratio Lower Upper
 43 100
 58 58.1 29.0 87.1





#60

Dibromochloromethane

Concen: 50.662 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:129 Resp: 170973

Ion Ratio Lower Upper

129 100

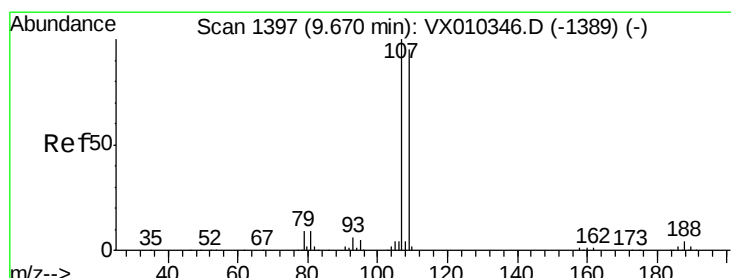
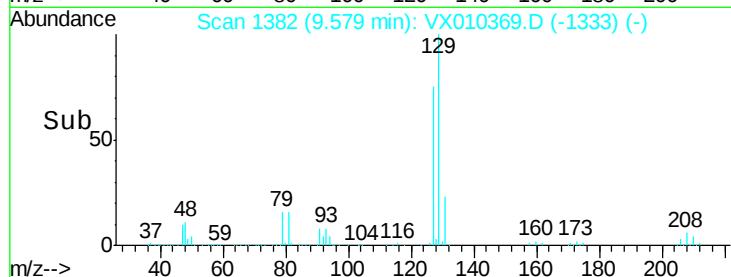
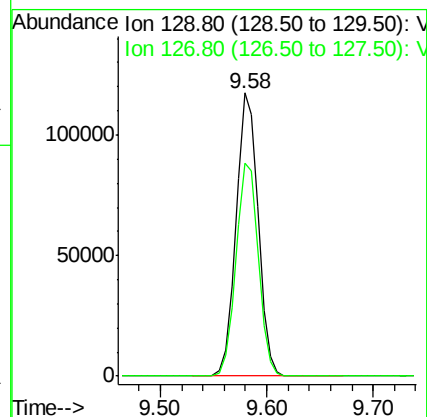
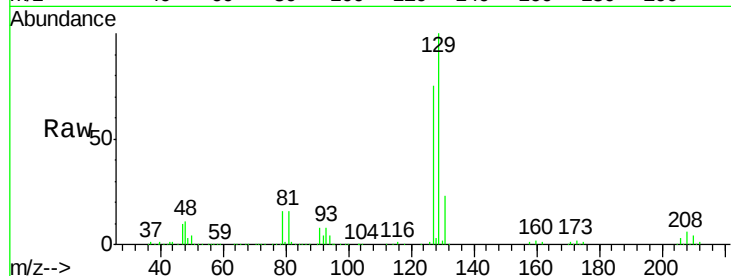
127 76.4 38.4 115.1

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 49.243 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010369.D

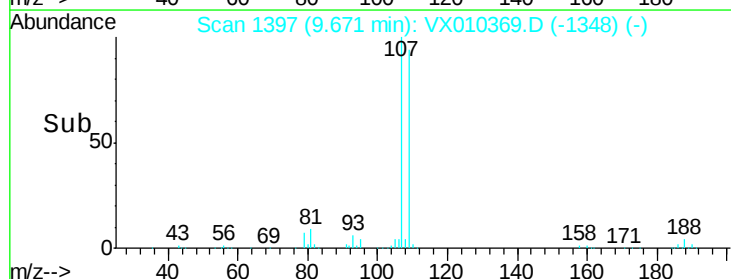
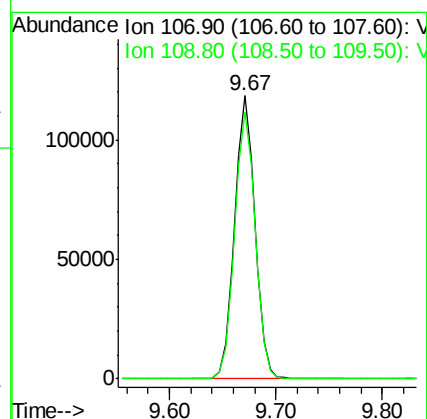
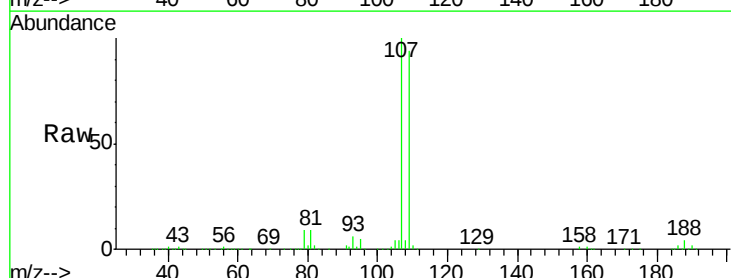
Acq: 20 Jun 2019 19:55

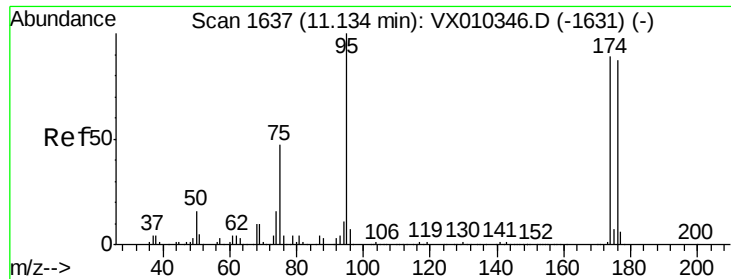
Tgt Ion:107 Resp: 160205

Ion Ratio Lower Upper

107 100

109 95.6 75.8 113.6





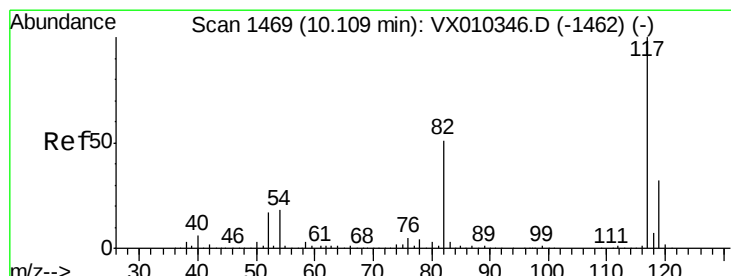
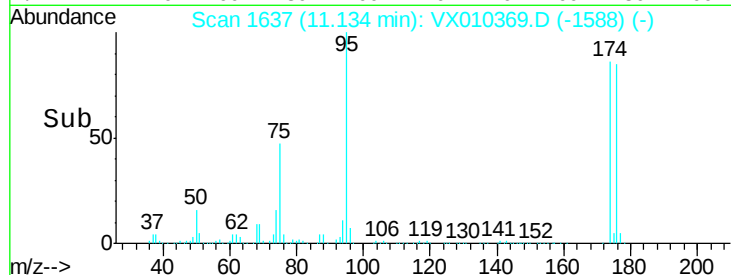
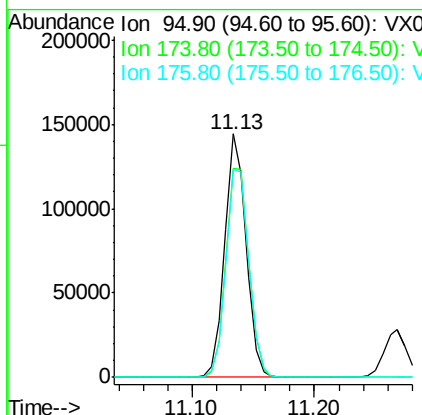
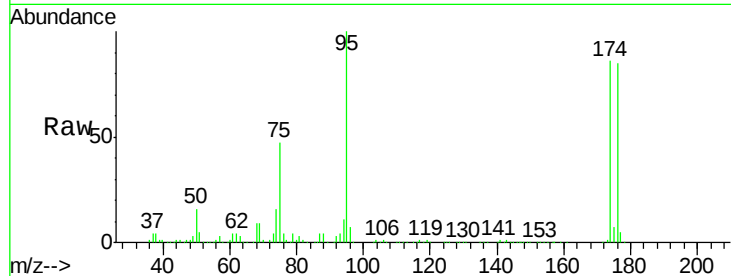
#62
4-Bromofluorobenzene
Concen: 46.018 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	174325		
174	92.7	0.0	187.6	
176	91.6	0.0	184.0	

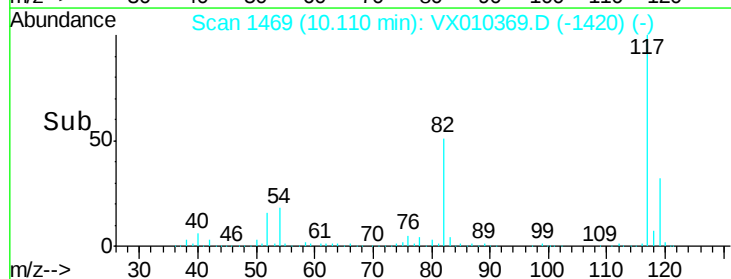
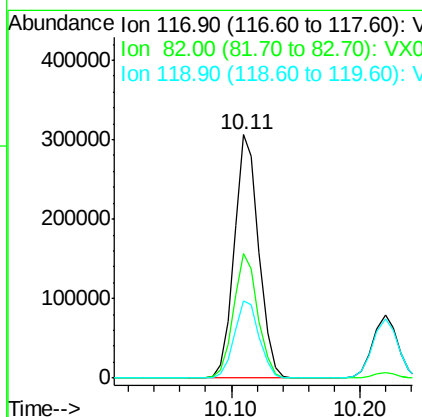
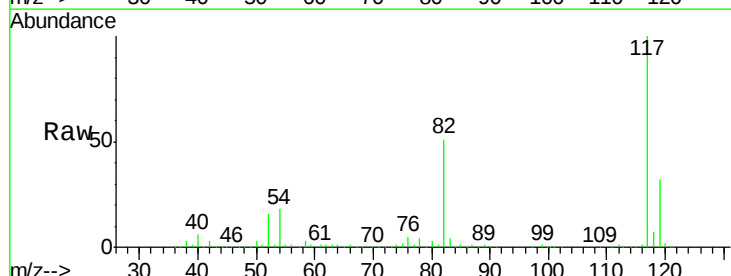
Manual Integrations
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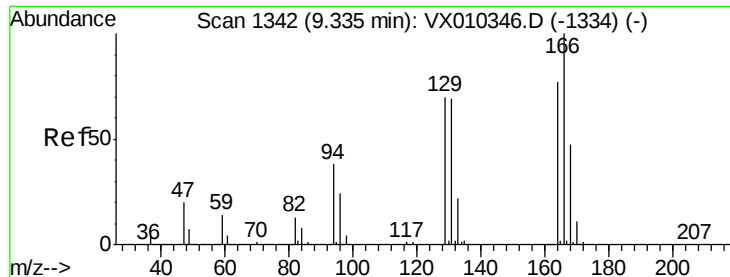
MMDadoda
6/21/2019 11:35:35 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	402741		
82	51.2	41.2	61.8	
119	31.9	25.5	38.3	





#64

Tetrachloroethene

Concen: 43.400 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:164 Resp: 141375

Ion Ratio Lower Upper

164 100

166 132.7 103.6 155.4

129 88.9 73.0 109.4

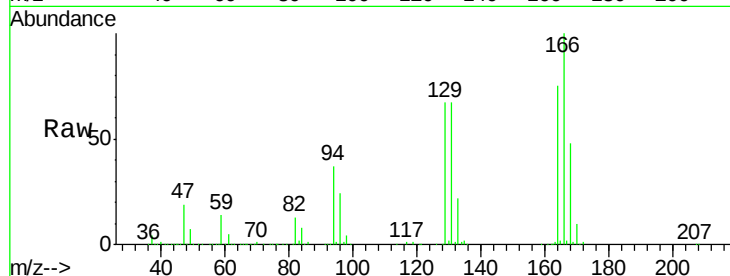
131 89.1 71.0 106.4

Manual Integrations

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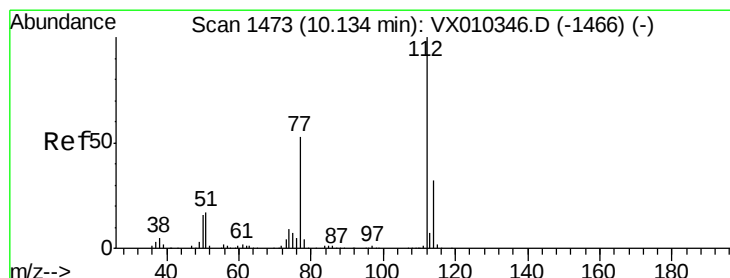
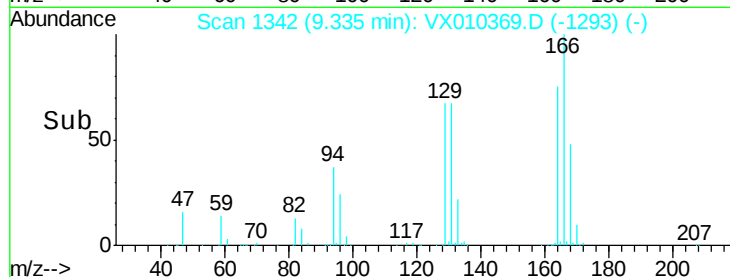
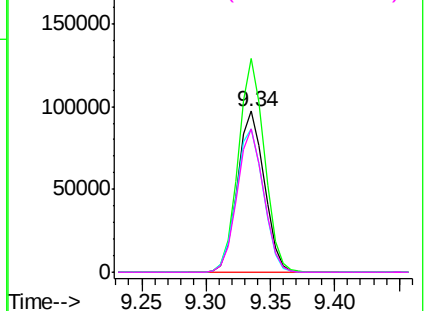


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.651 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010369.D

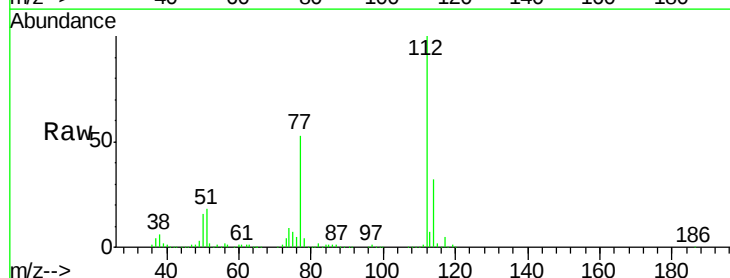
Acq: 20 Jun 2019 19:55

Tgt Ion:112 Resp: 397789

Ion Ratio Lower Upper

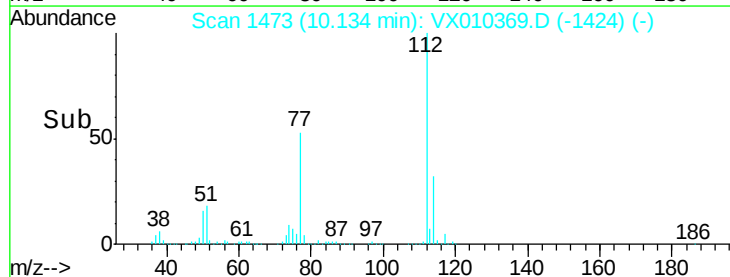
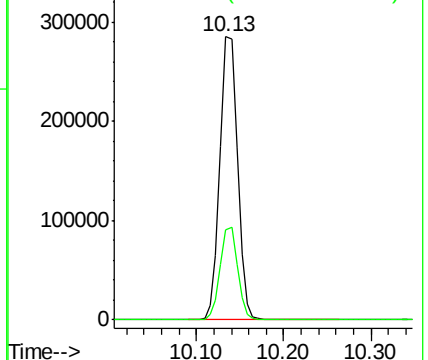
112 100

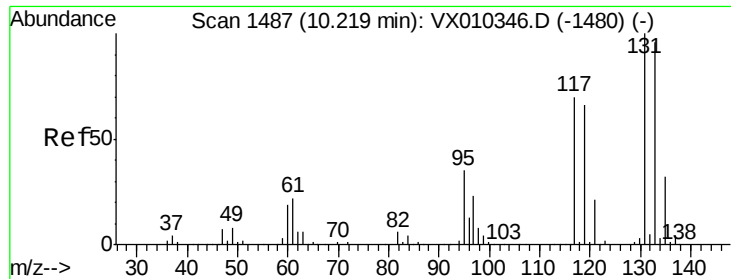
114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





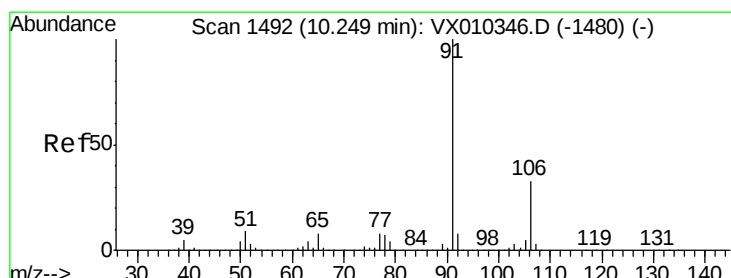
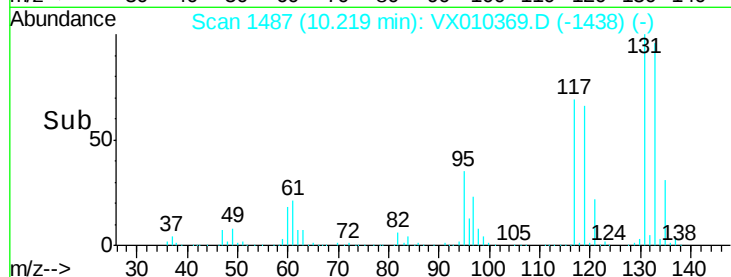
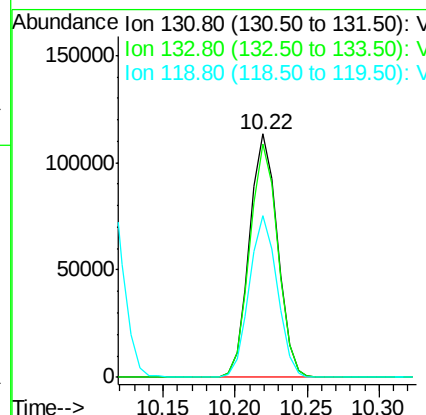
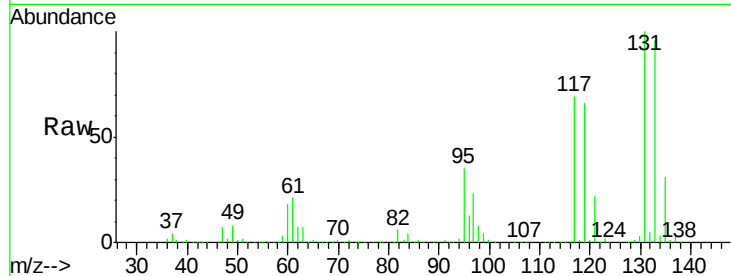
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.200 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.7	143.1
119	66.1	32.6	97.7

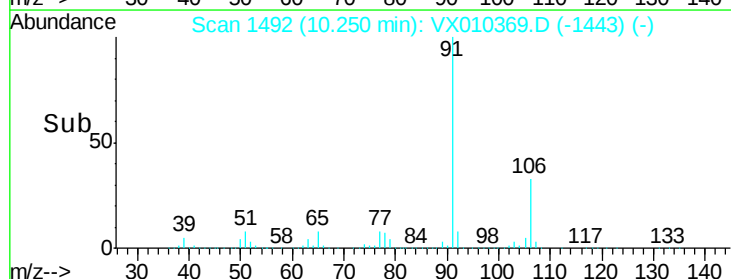
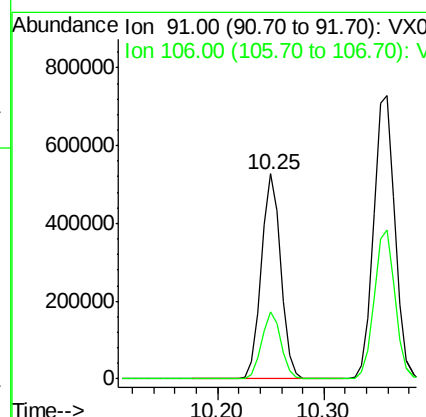
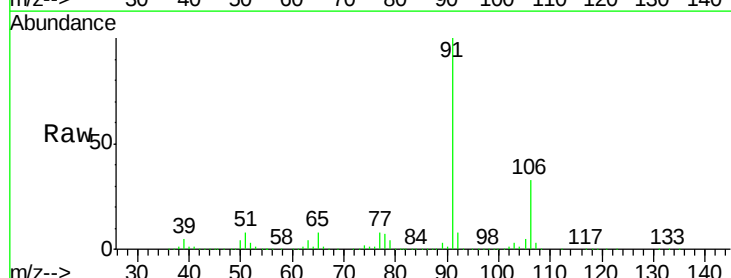
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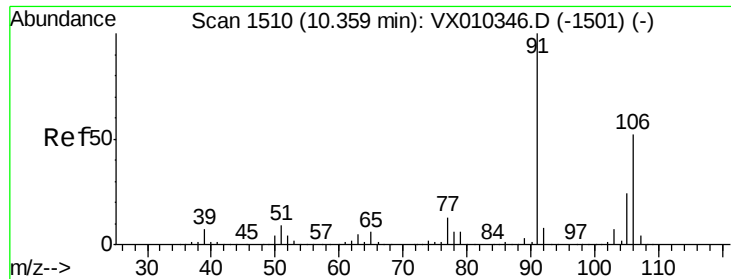
MMDadoda
 6/21/2019 11:35:35 AM



#67
 Ethyl Benzene
 Concen: 49.105 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.2	39.2





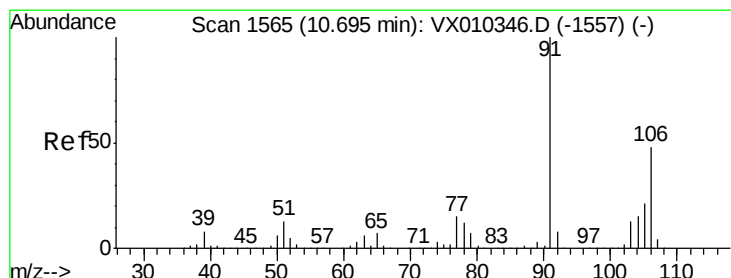
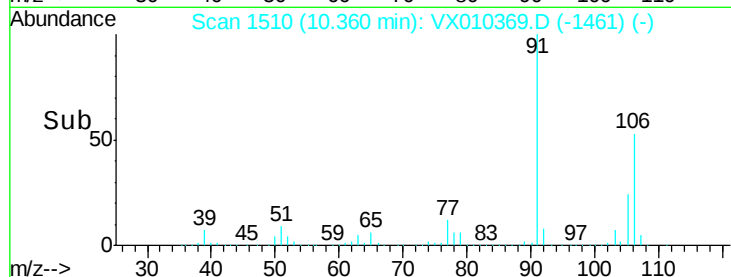
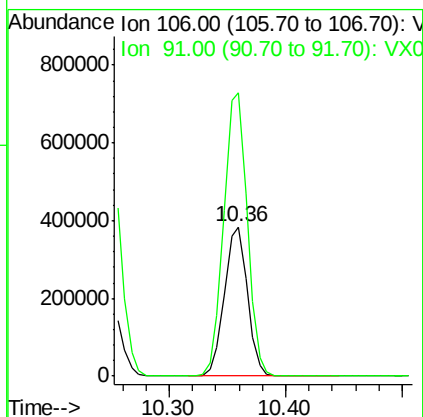
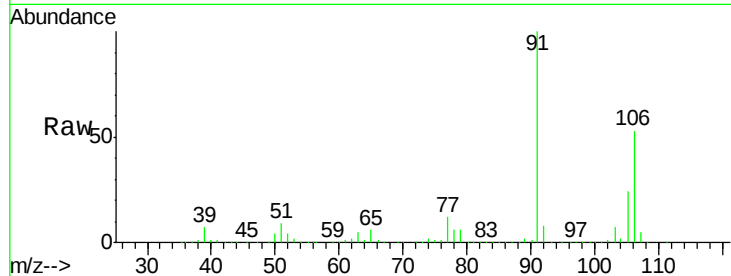
#68
m/p-Xvlenes
Concen: 98.162 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion:106 Resp: 525025
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9

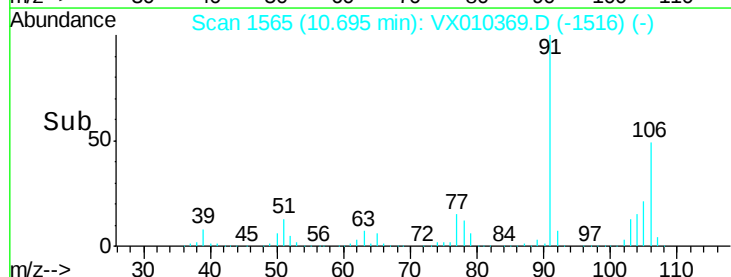
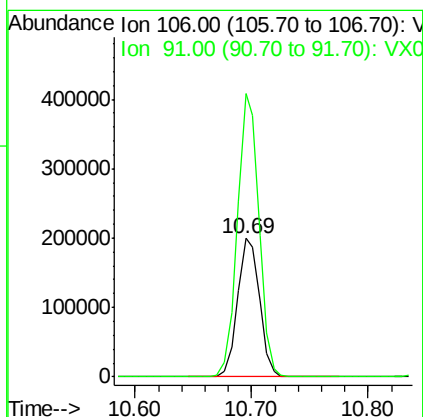
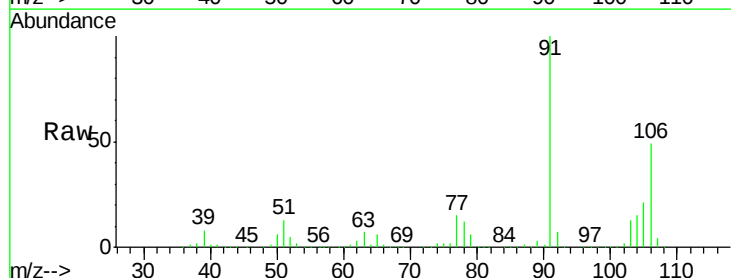
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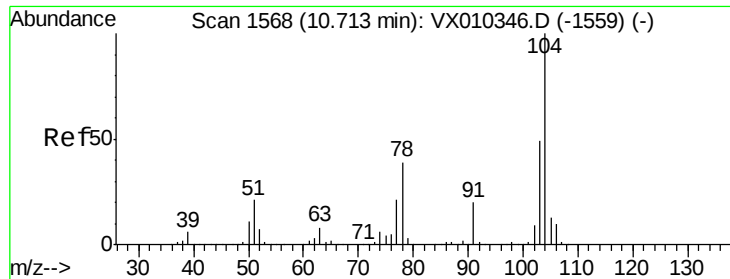
MMDadoda
6/21/2019 11:35:35 AM



#69
o-Xylene
Concen: 49.745 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:106 Resp: 261647
Ion Ratio Lower Upper
106 100
91 200.7 102.7 308.1





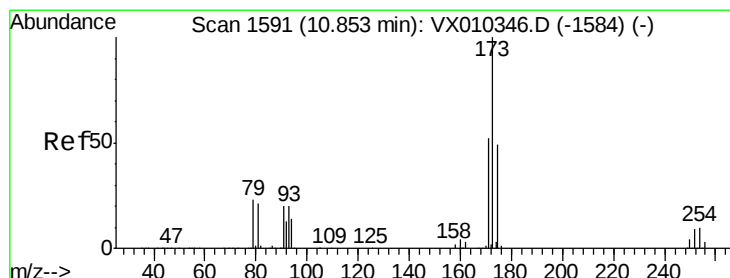
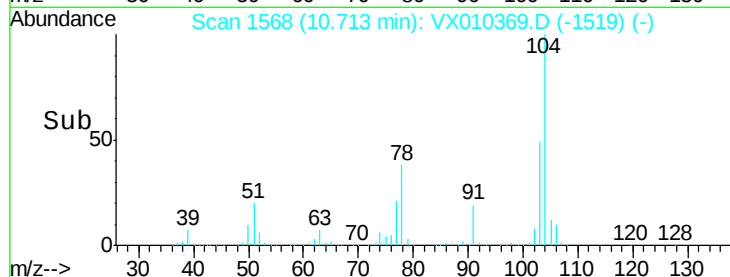
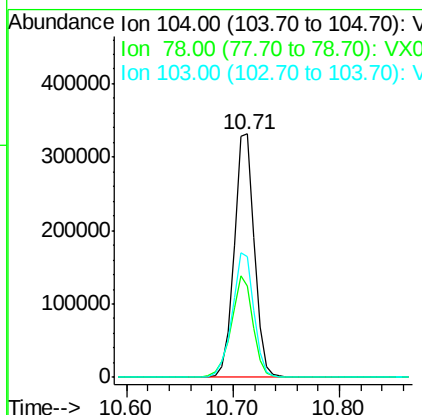
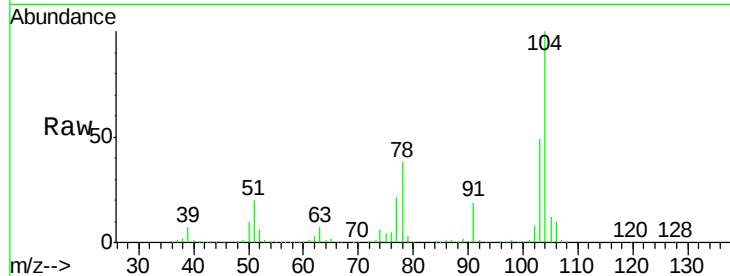
#70
Stvrene
Concen: 49.868 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	439878		
78	44.7		36.2	54.2
103	55.0		44.2	66.4

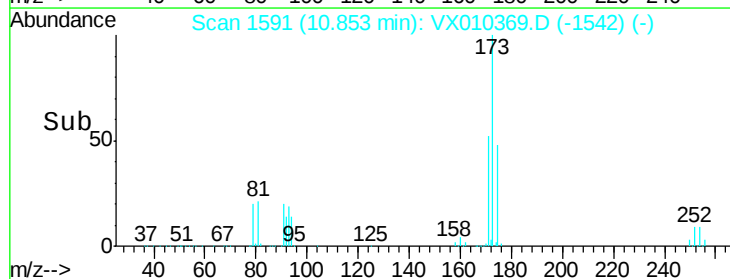
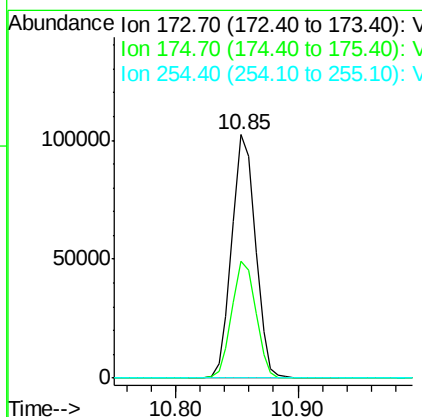
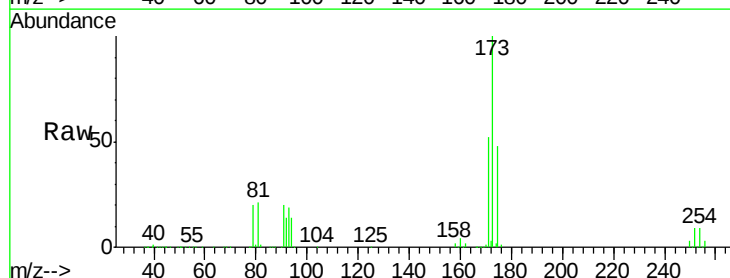
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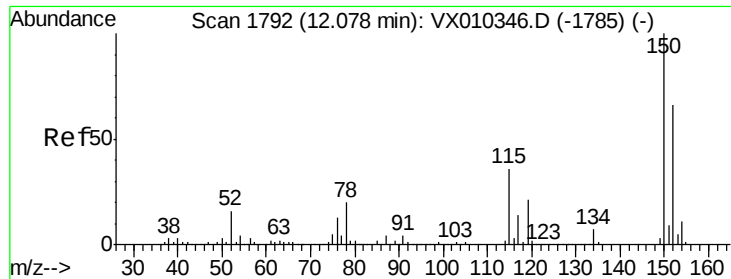
MMDadoda
6/21/2019 11:35:35 AM



#71
Bromoform
Concen: 52.763 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	136654		
175	48.7		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: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:152 Resp: 205628

Ion Ratio Lower Upper

152 100

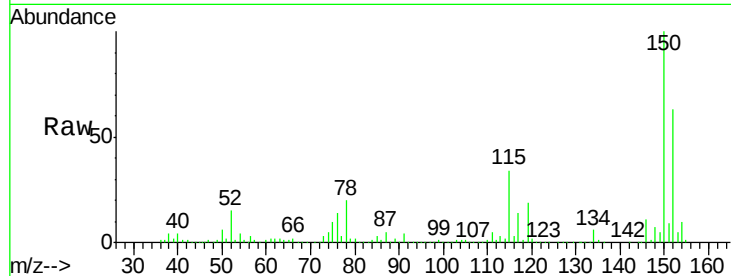
115 76.7 38.6 115.7

150 173.4 0.0 347.4

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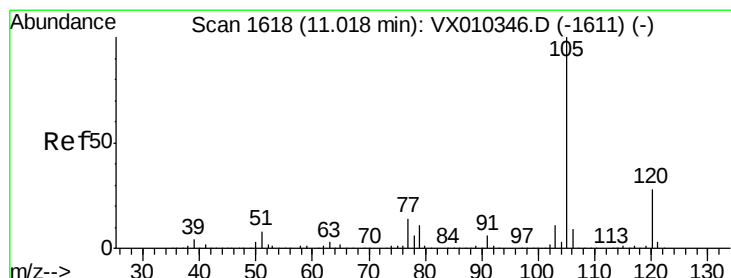
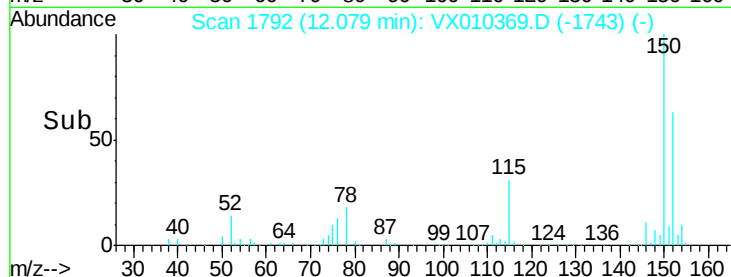
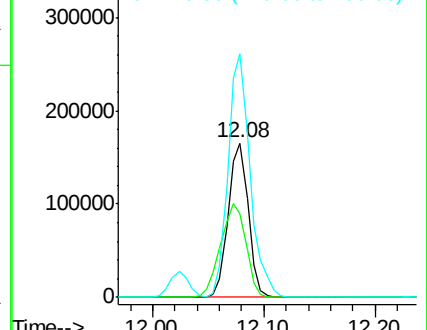
6/21/2019 11:35:35 AM



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: 48.764 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010369.D

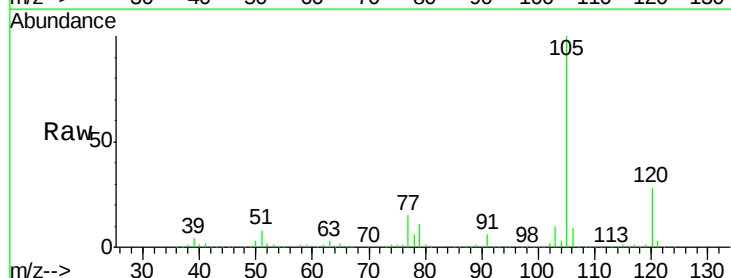
Acq: 20 Jun 2019 19:55

Tgt Ion:105 Resp: 679724

Ion Ratio Lower Upper

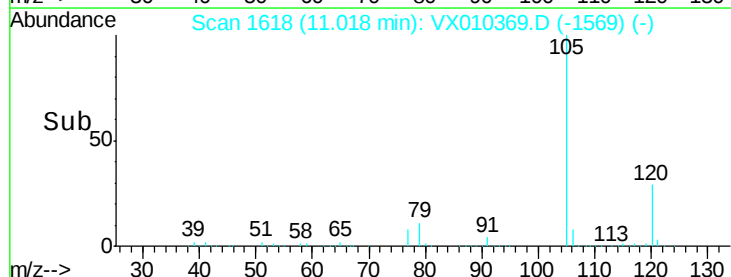
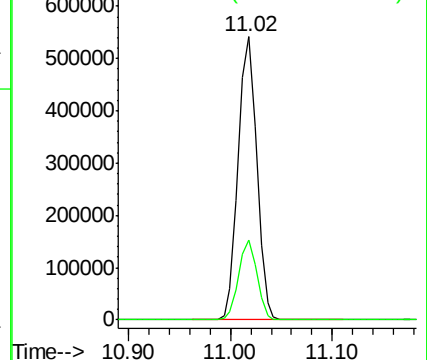
105 100

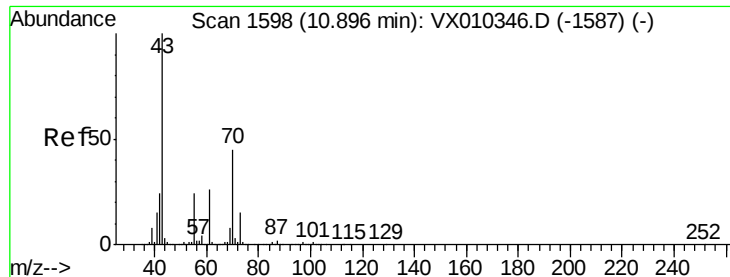
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.243 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

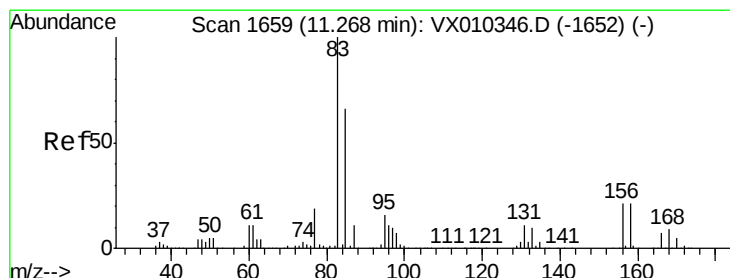
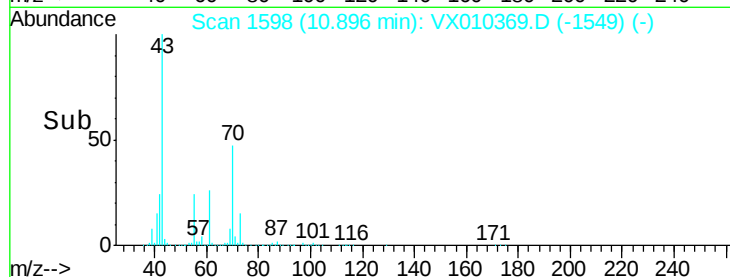
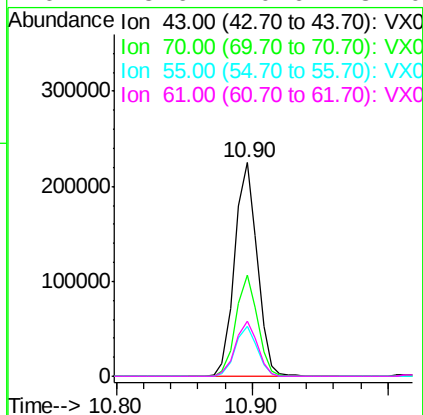
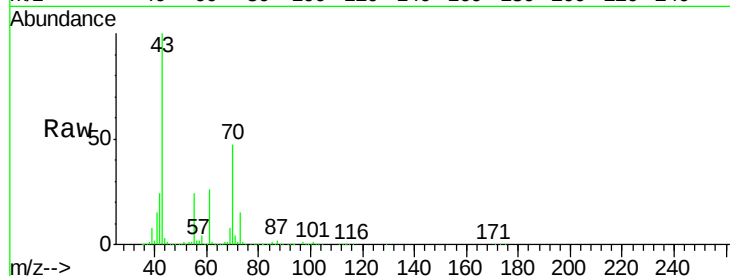
ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion	43	Resp	259404
Ion Ratio	Lower	Upper	
43	100		
70	45.6	36.6	54.8
55	23.3	18.7	28.1
61	25.6	20.6	31.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.730 ug/l

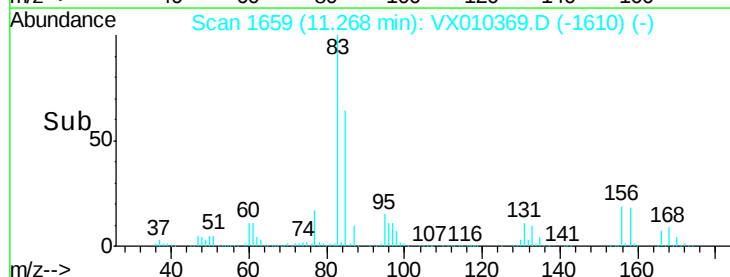
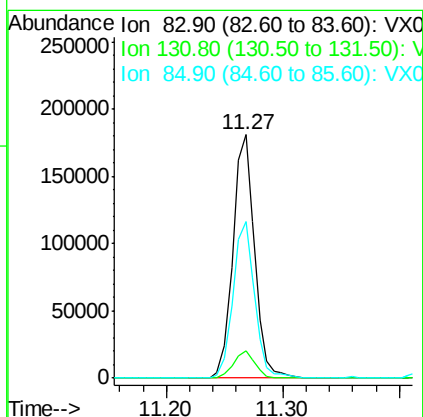
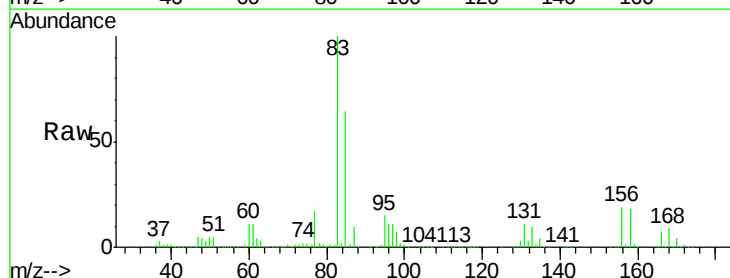
RT: 11.27 min Scan# 1659

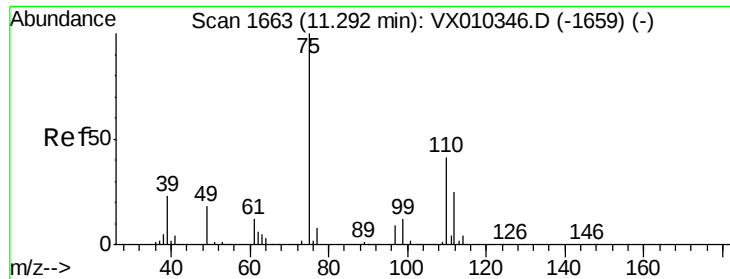
Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion	83	Resp	234184
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.2	32.3	96.8





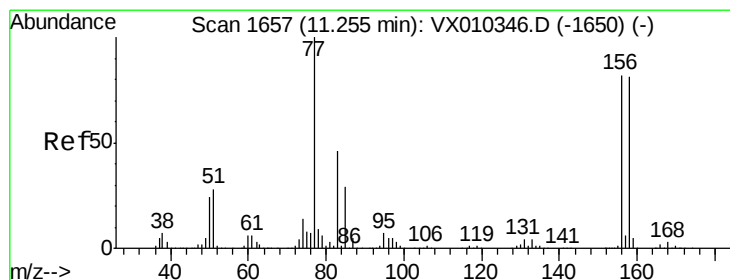
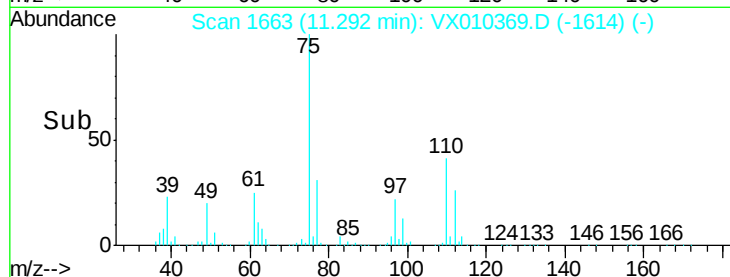
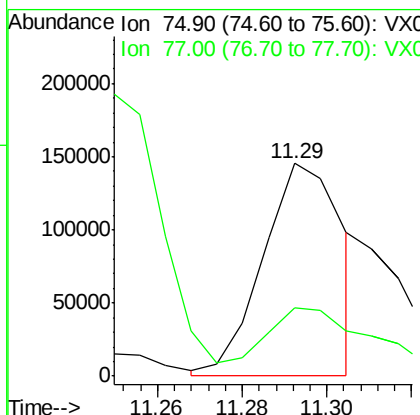
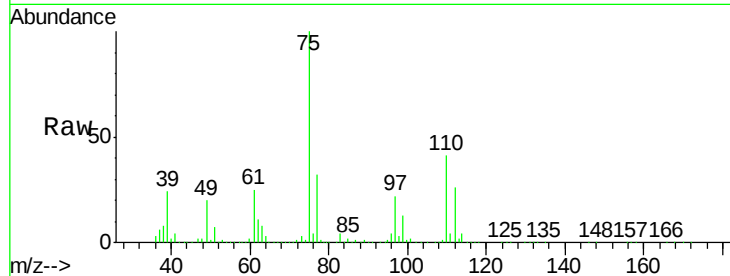
#76
1,2,3-Trichloropropane
Concen: 50.581 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion: 75 Resp: 189533
Ion Ratio Lower Upper
75 100
77 44.4 22.6 67.8

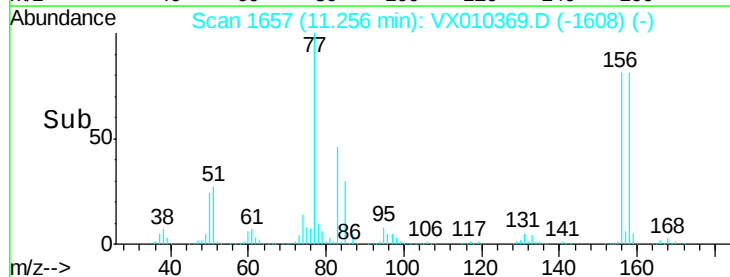
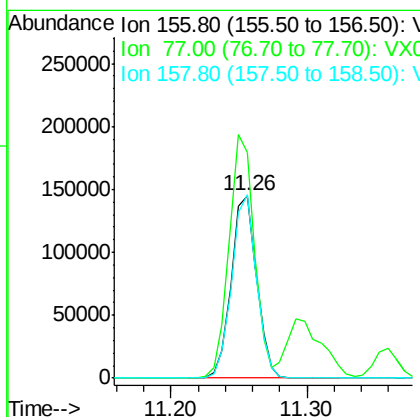
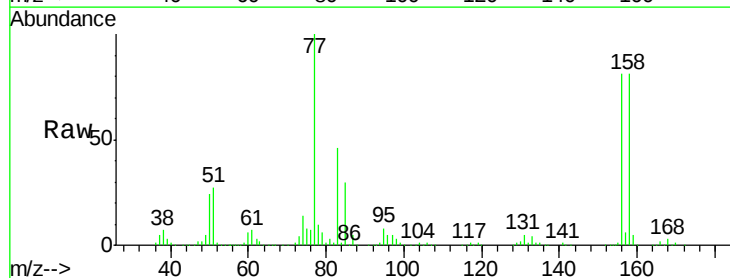
Manual Integrations
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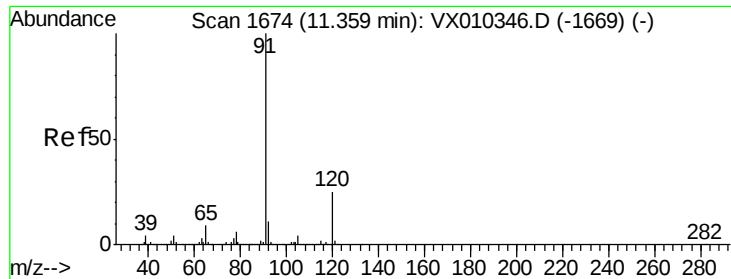
MMDadoda
6/21/2019 11:35:35 AM



#77
Bromobenzene
Concen: 48.243 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 156 Resp: 187772
Ion Ratio Lower Upper
156 100
77 133.2 66.3 198.7
158 98.2 48.9 146.7





#78

n-propylbenzene

Concen: 49.891 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion: 91 Resp: 764316

Ion Ratio Lower Upper

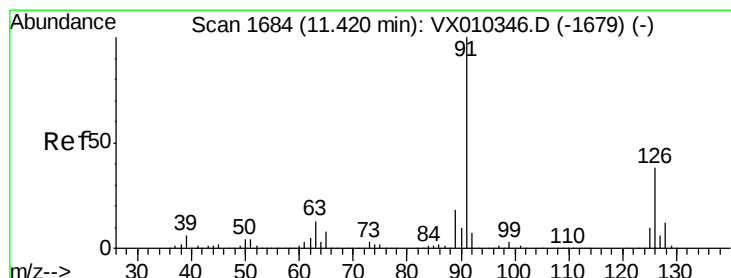
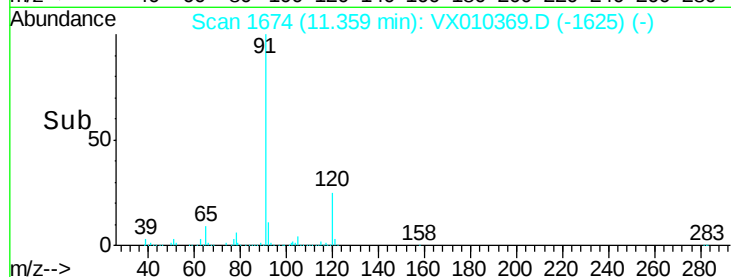
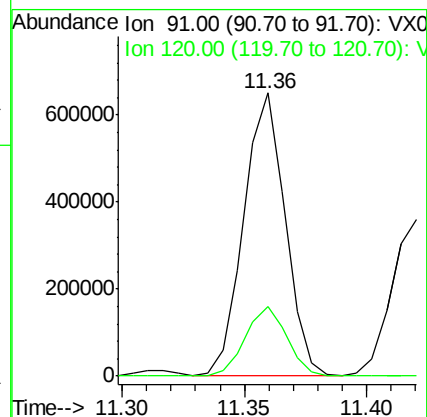
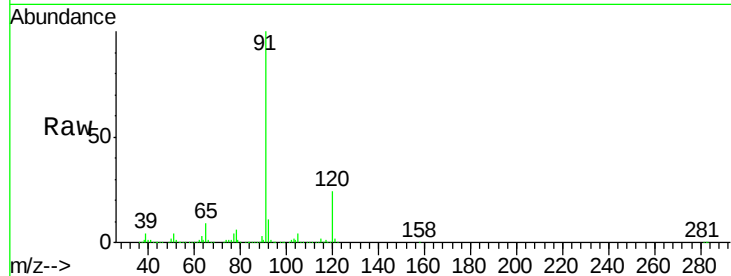
91 100

120 24.6 12.4 37.4

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6/21/2019 11:35:35 AM



#79

2-Chlorotoluene

Concen: 48.701 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010369.D

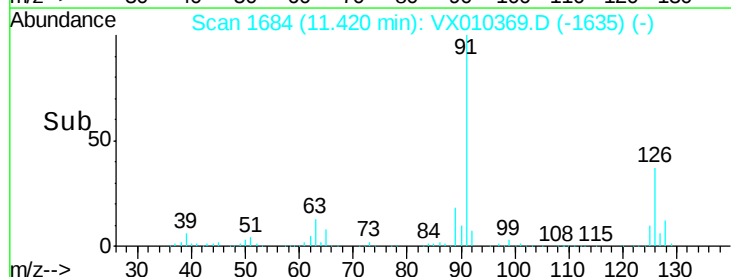
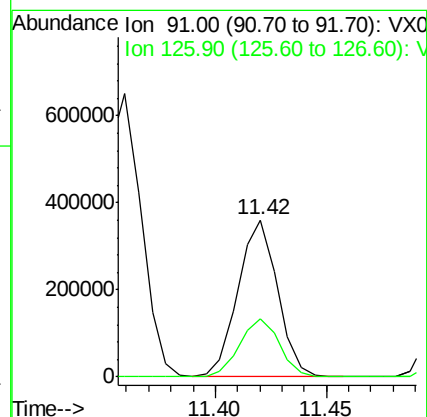
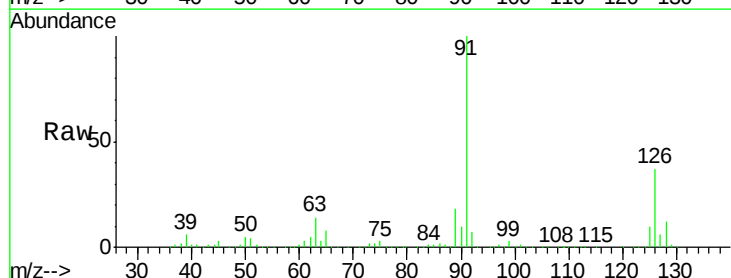
Acq: 20 Jun 2019 19:55

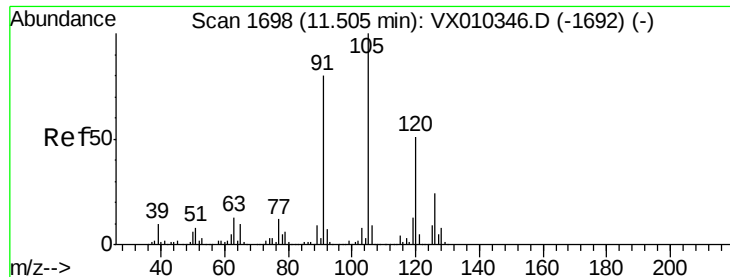
Tgt Ion: 91 Resp: 444273

Ion Ratio Lower Upper

91 100

126 37.7 18.7 56.1





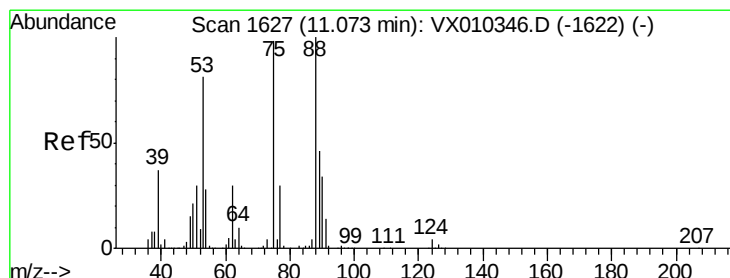
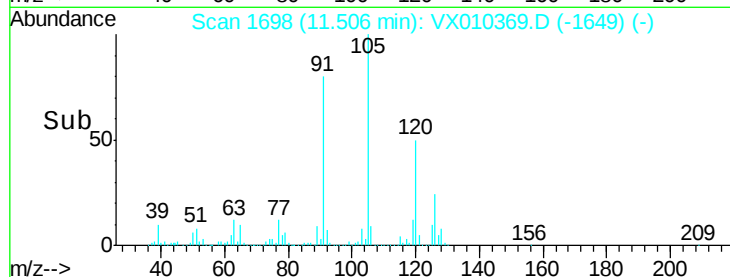
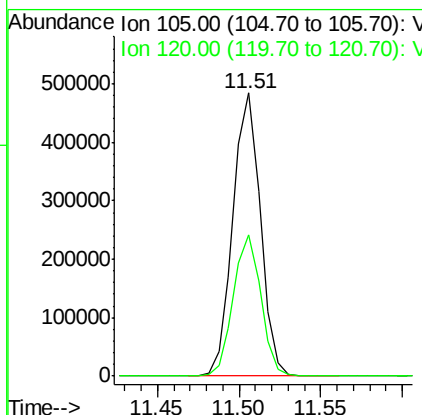
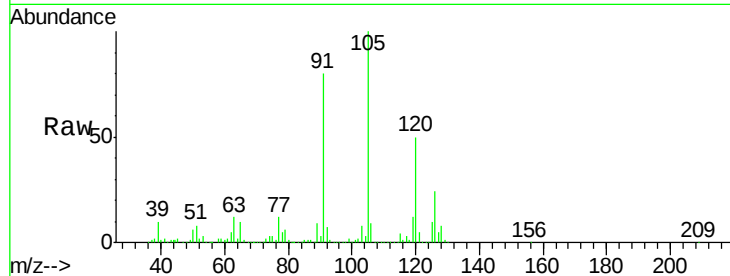
#80
 1,3,5-Trimethylbenzene
 Concen: 49.359 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.2	75.6

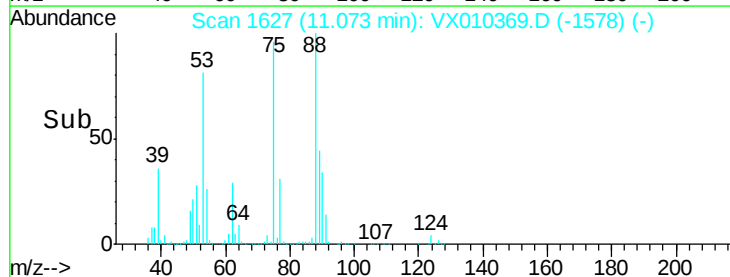
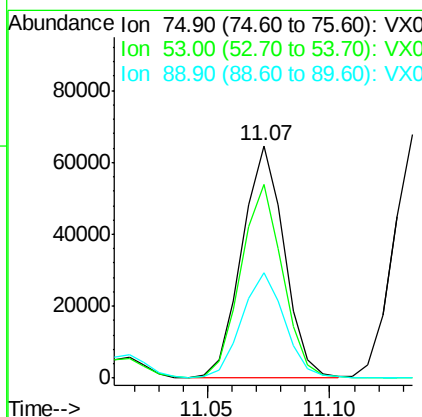
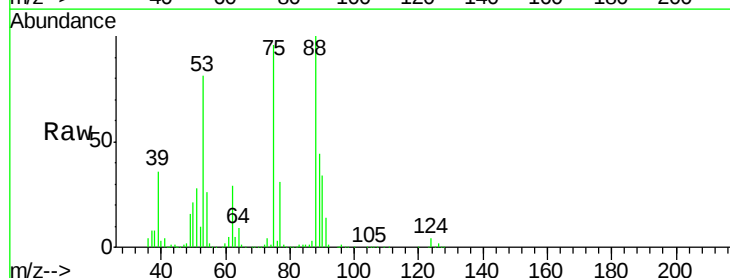
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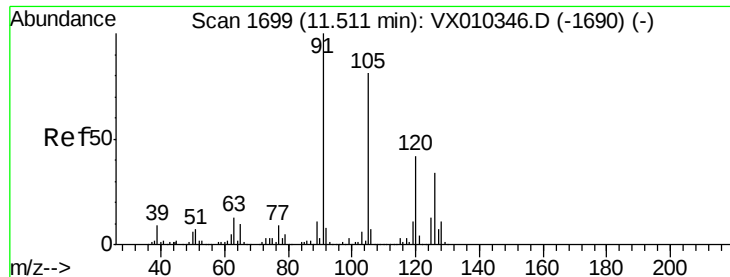
MMDadoda
 6/21/2019 11:35:35 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.442 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.2	66.1	99.1
89	46.1	37.8	56.6





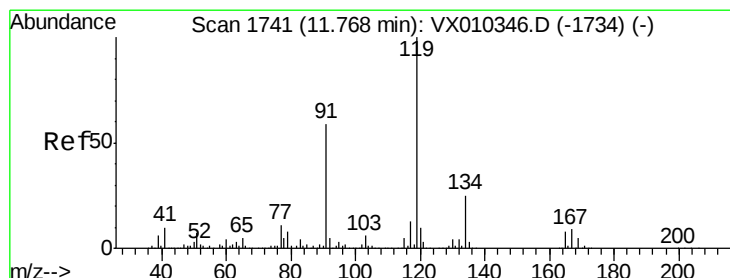
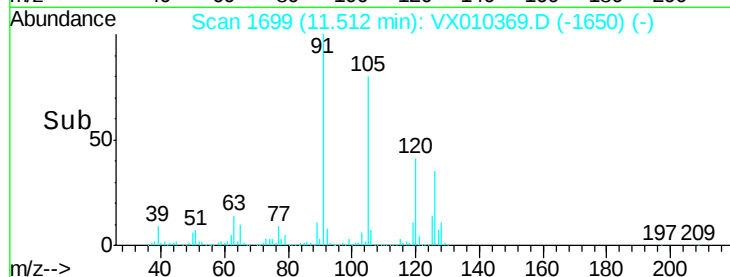
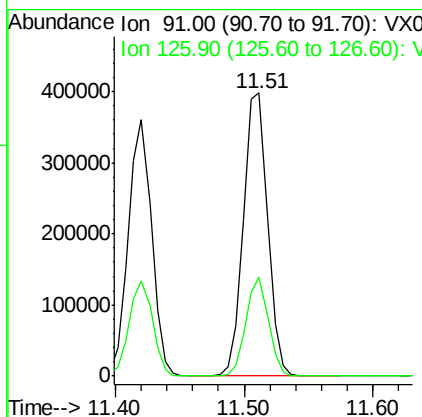
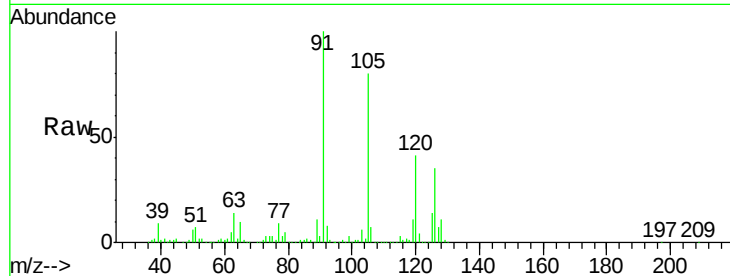
#82
4-Chlorotoluene
Concen: 49.495 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion: 91 Resp: 513778
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

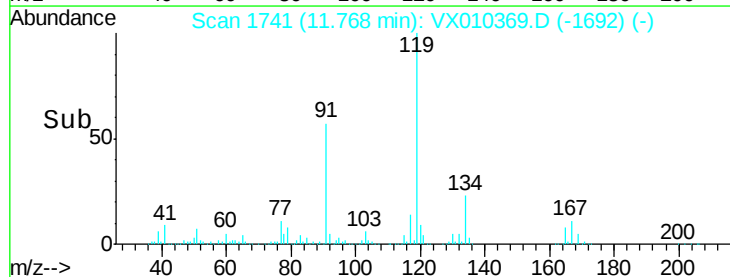
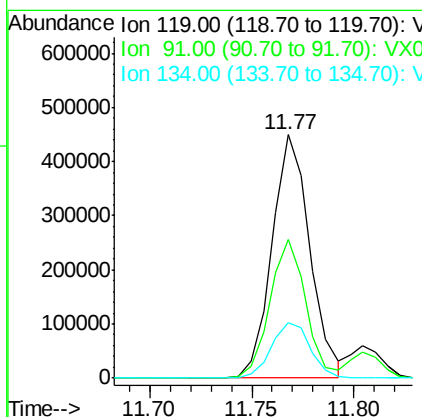
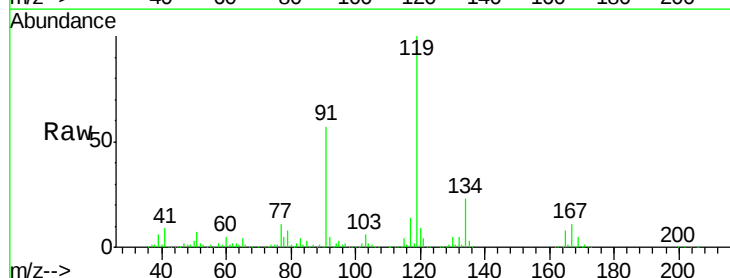
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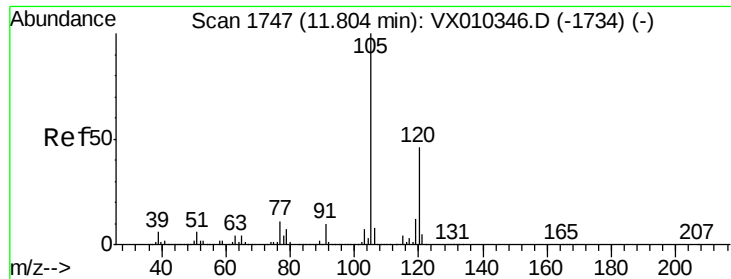
MMDadoda
6/21/2019 11:35:35 AM



#83
tert-Butylbenzene
Concen: 50.408 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 119 Resp: 581379
Ion Ratio Lower Upper
119 100
91 54.2 27.6 82.7
134 23.4 11.8 35.4





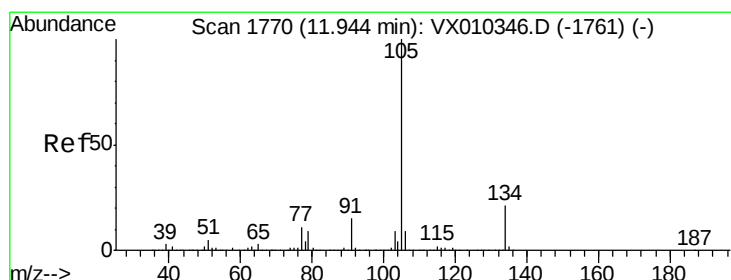
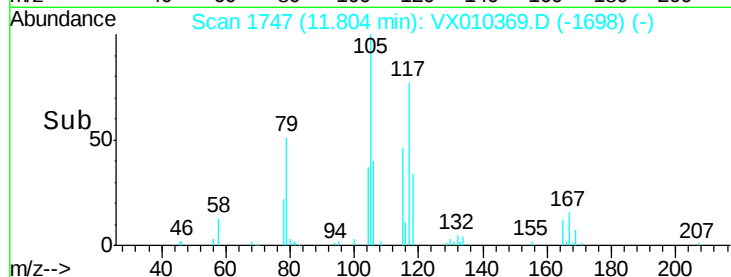
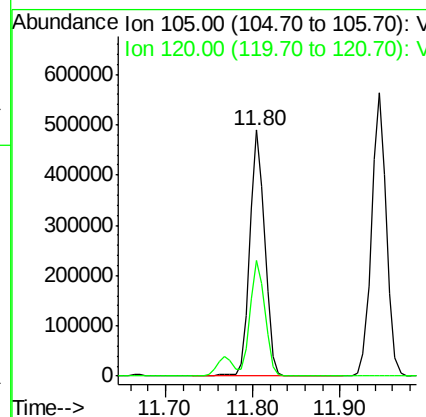
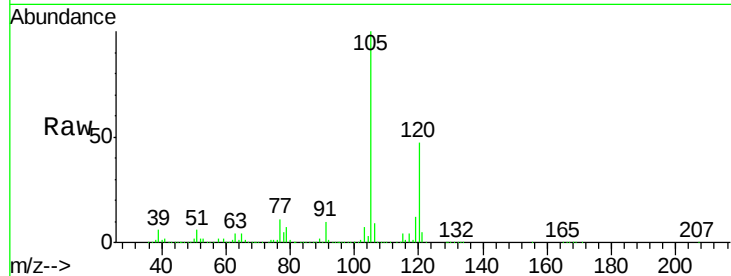
#84
 1,2,4-Trimethylbenzene
 Concen: 50.088 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2

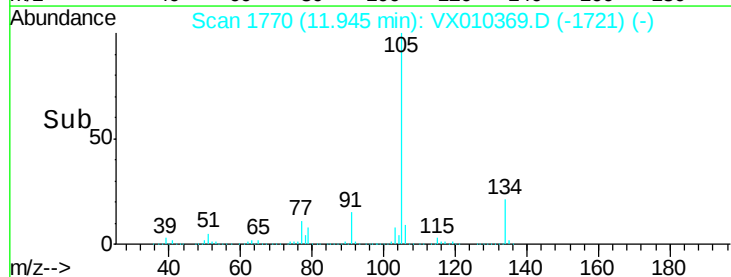
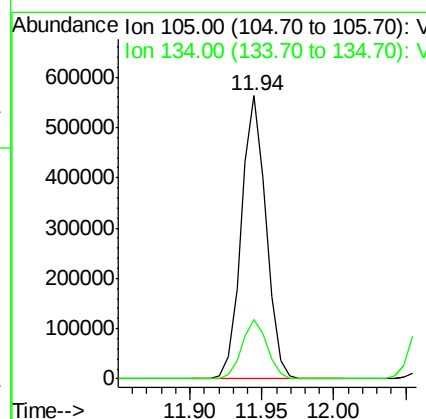
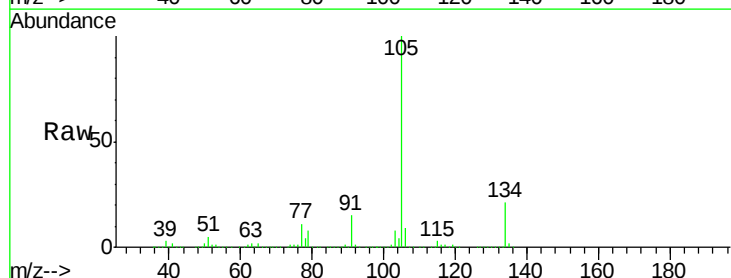
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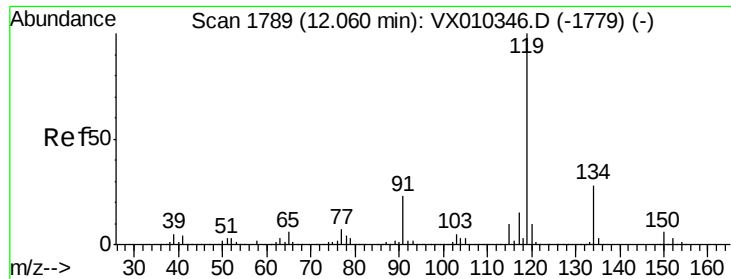
MMDadoda
 6/21/2019 11:35:35 AM



#85
 sec-Butylbenzene
 Concen: 49.584 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.7	31.9





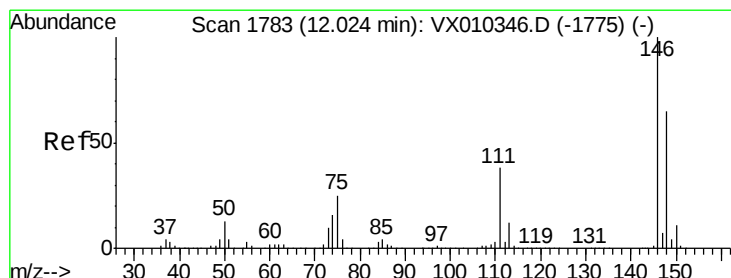
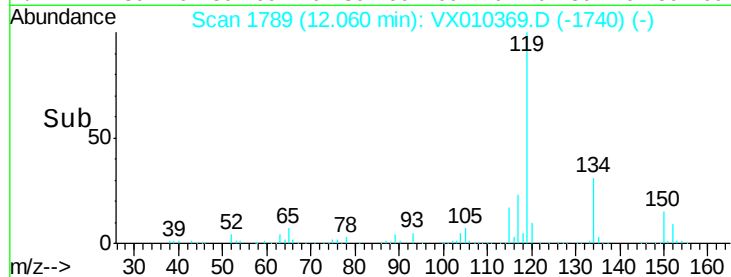
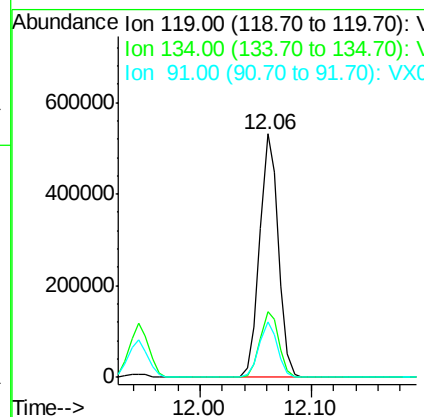
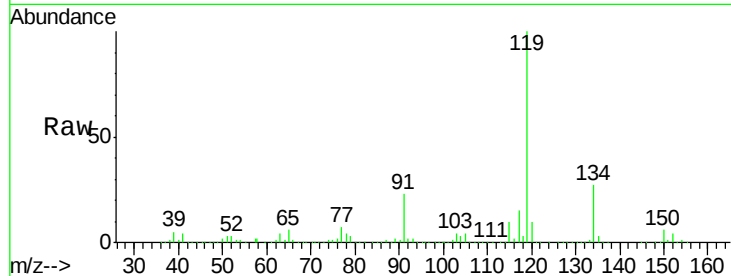
#86
p-Isopropyltoluene
Concen: 49.755 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	623215		
134	27.3		13.7	41.1
91	22.3		11.3	33.8

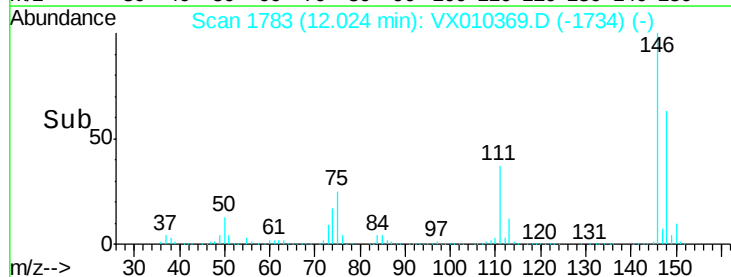
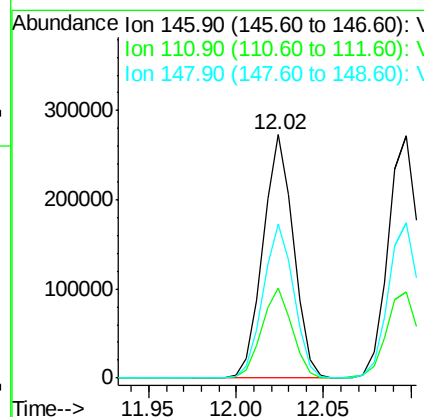
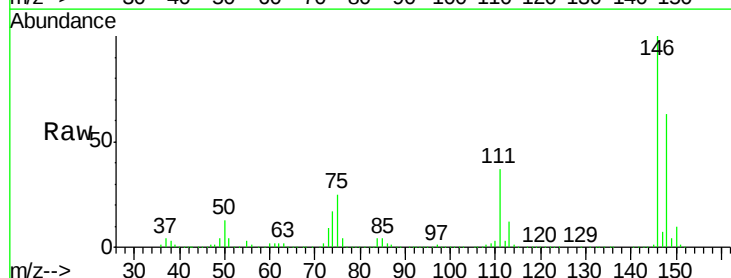
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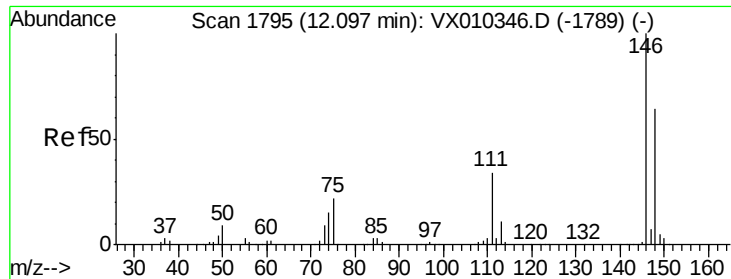
MMDadoda
6/21/2019 11:35:35 AM



#87
1,3-Dichlorobenzene
Concen: 48.643 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330480		
111	36.7		19.1	57.1
148	63.8		32.5	97.4





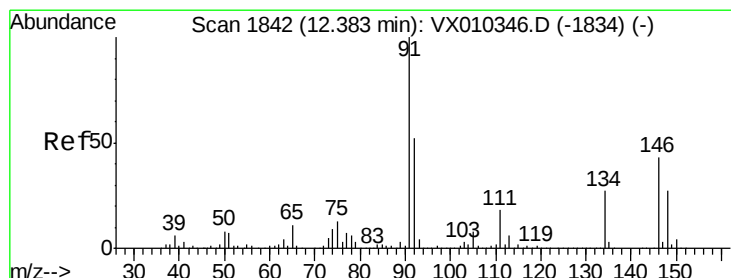
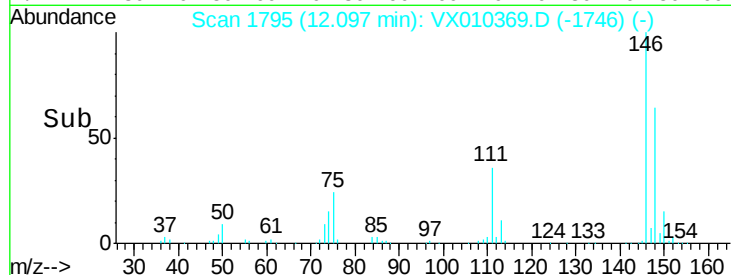
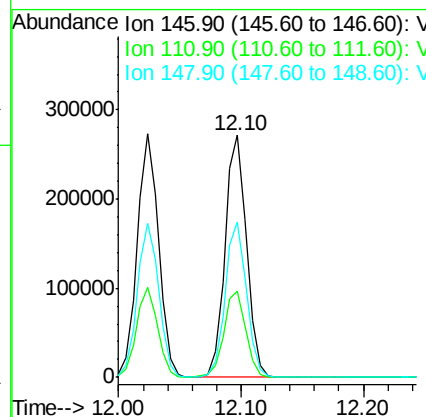
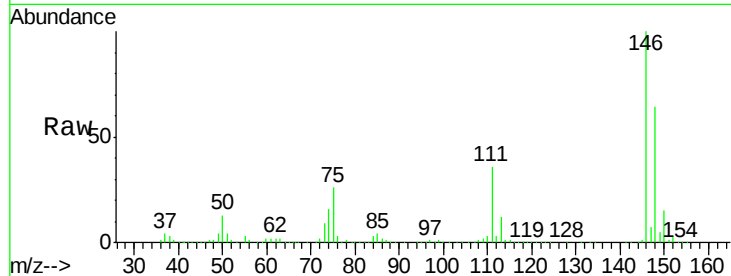
#88
 1,4-Dichlorobenzene
 Concen: 47.689 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.3
148	63.8	32.1	96.3

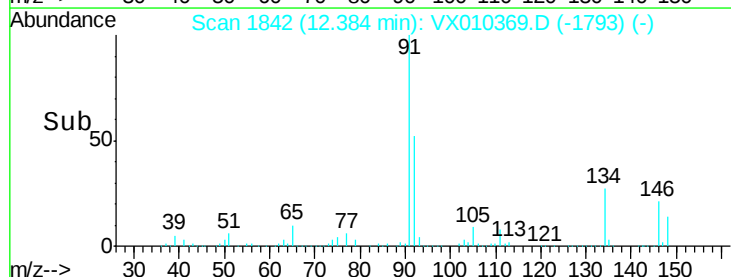
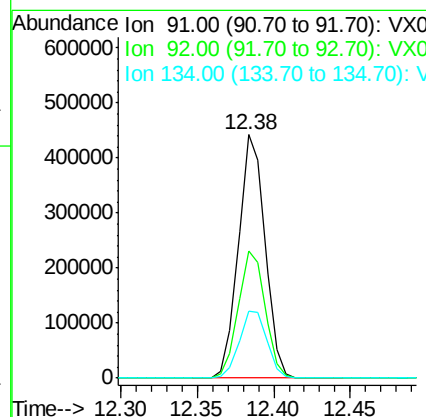
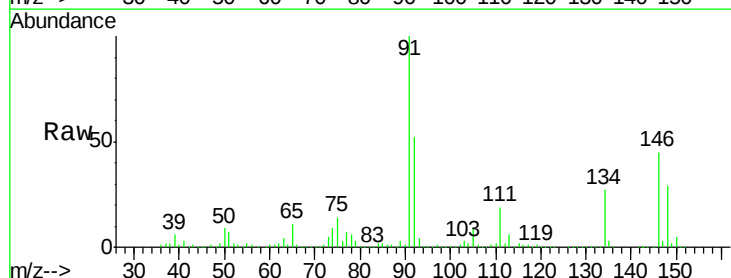
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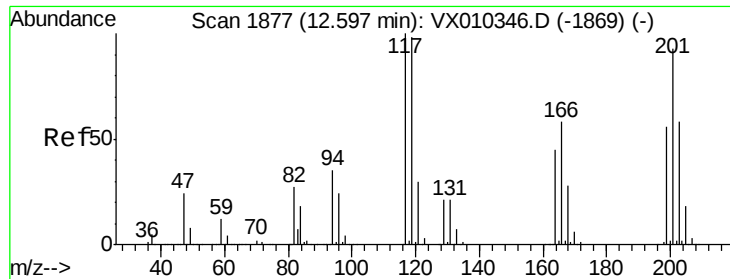
MMDadoda
 6/21/2019 11:35:35 AM



#89
 n-Butylbenzene
 Concen: 50.072 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	28.5	14.1	42.4





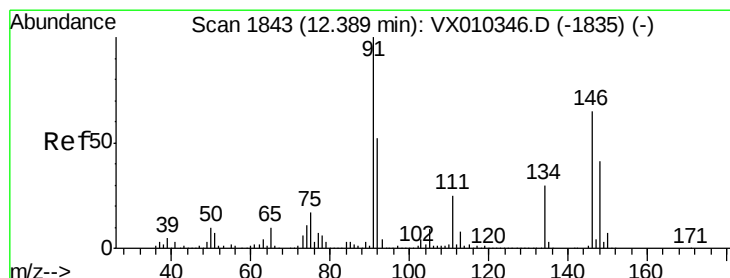
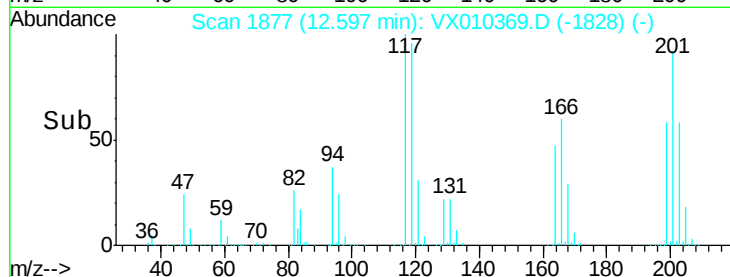
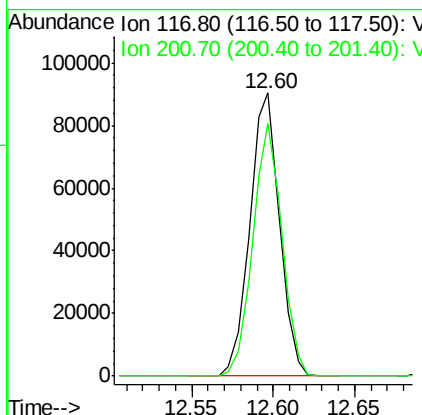
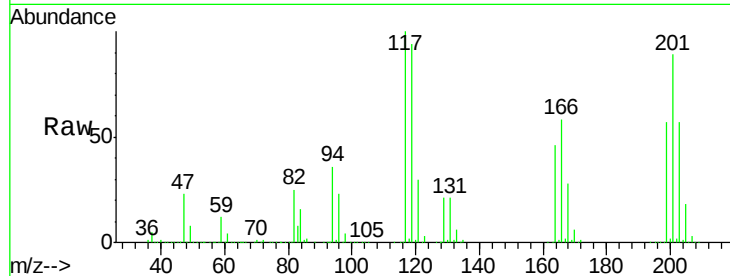
#90
Hexachloroethane
Concen: 52.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion:117 Resp: 114777
Ion Ratio Lower Upper
117 100
201 87.2 44.0 131.8

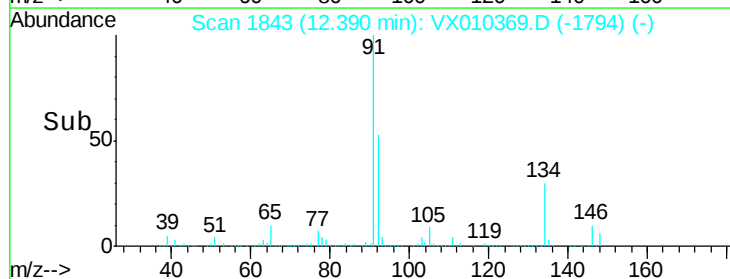
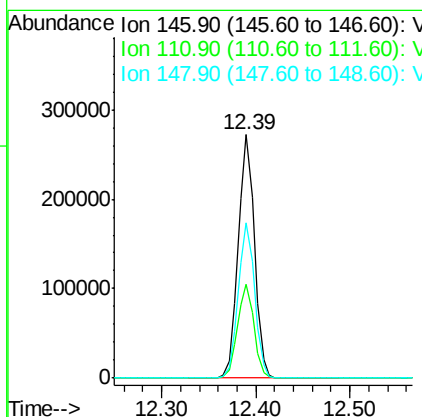
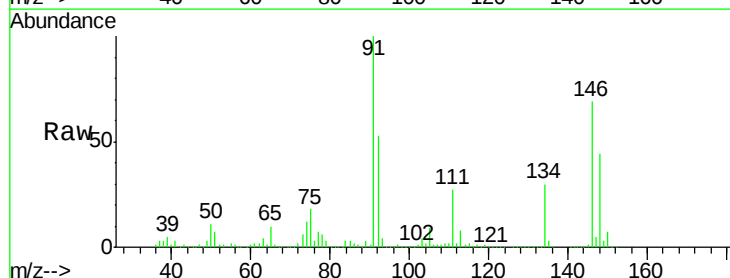
Manual Integrations
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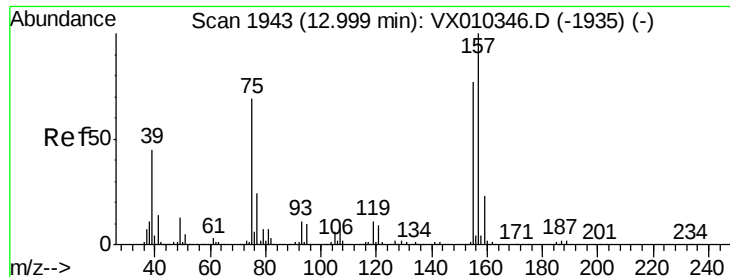
MMDadoda
6/21/2019 11:35:35 AM



#91
1,2-Dichlorobenzene
Concen: 48.300 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:146 Resp: 326145
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 64.3 32.0 96.0





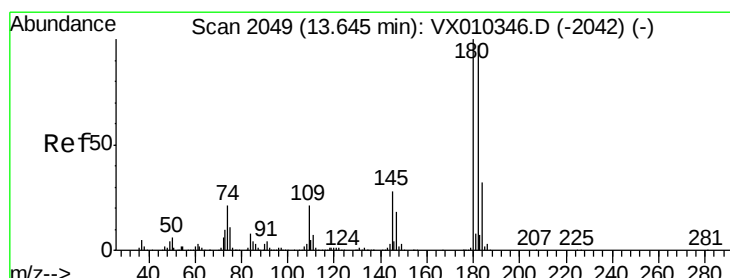
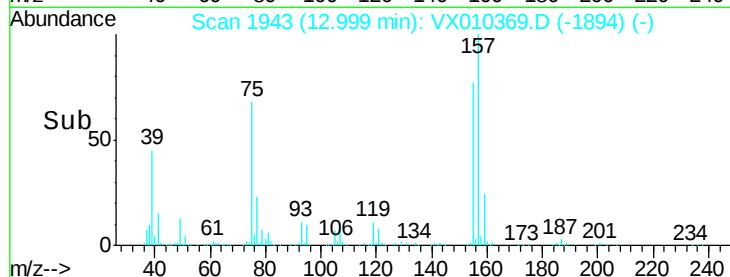
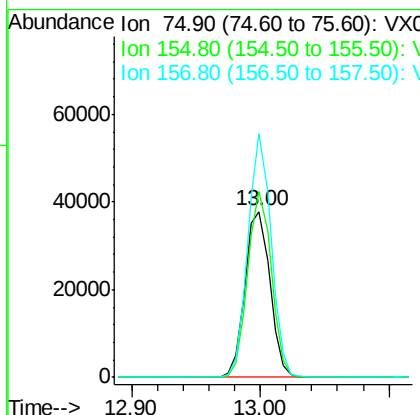
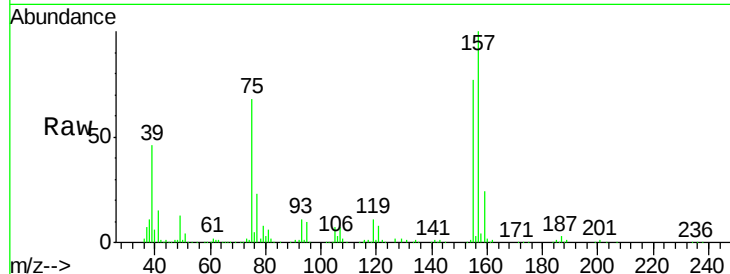
#92
1,2-Dibromo-3-Chloropropane
Concen: 50.703 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	105.9	54.4	163.1
157	136.1	69.5	208.3

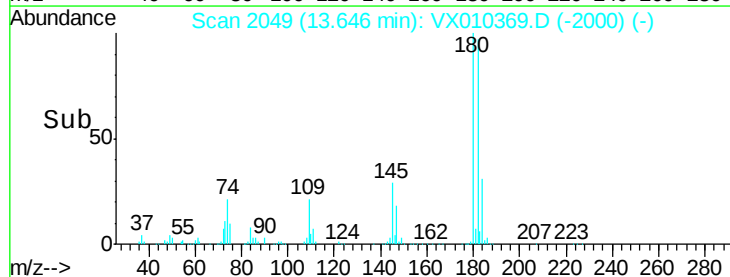
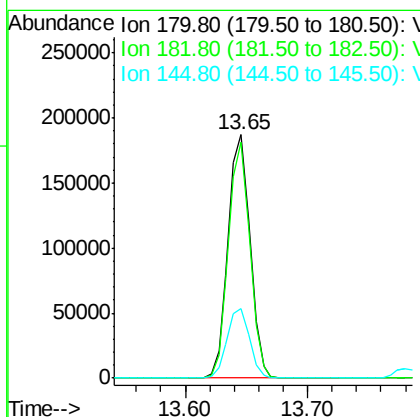
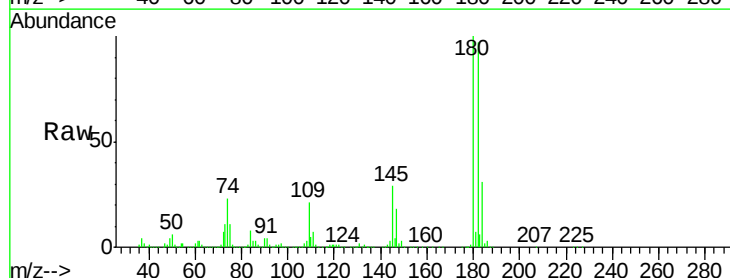
Manual Integrations
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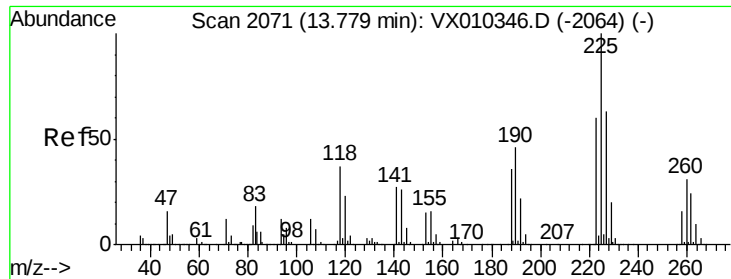
MMDadoda
6/21/2019 11:35:35 AM



#93
1,2,4-Trichlorobenzene
Concen: 49.463 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.0
145	30.1	14.4	43.4





#94

Hexachlorobutadiene

Concen: 47.648 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

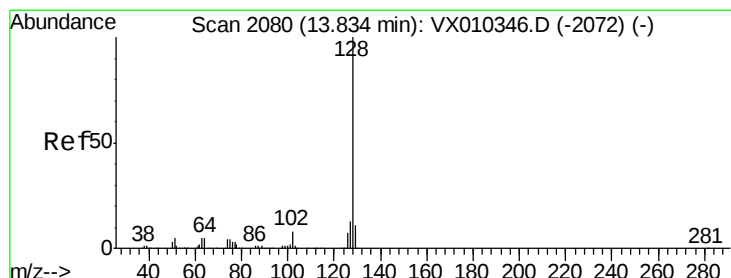
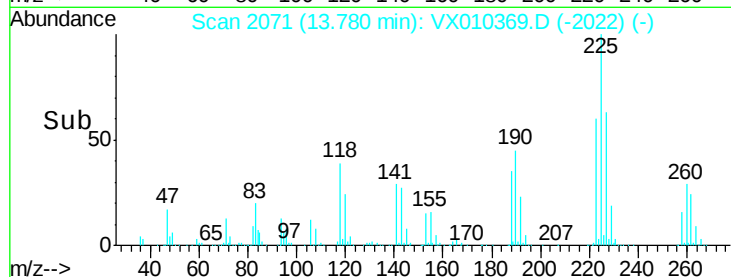
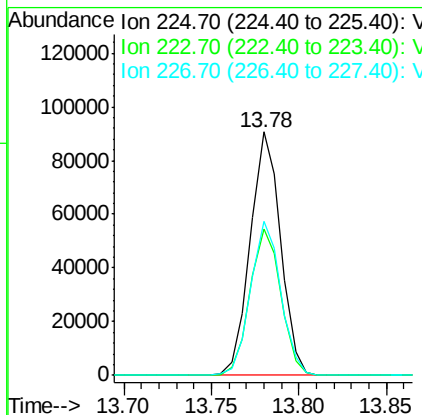
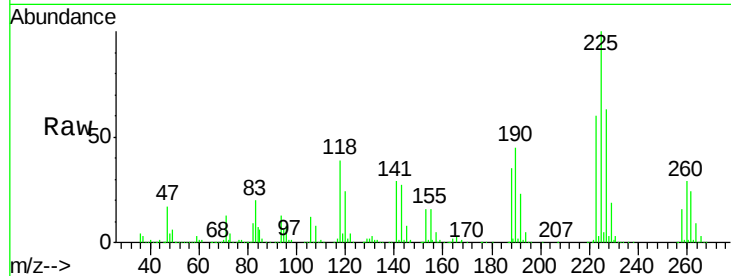
ClientSampleId :

T11-MW-3-8.0-061919MSD

Tot Ion:	225	Resp:	109047
Ion Ratio		Lower	Upper
225	100		
223	61.2	30.9	92.7
227	62.9	31.9	95.5

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



#95

Naphthalene

Concen: 52.914 ug/l

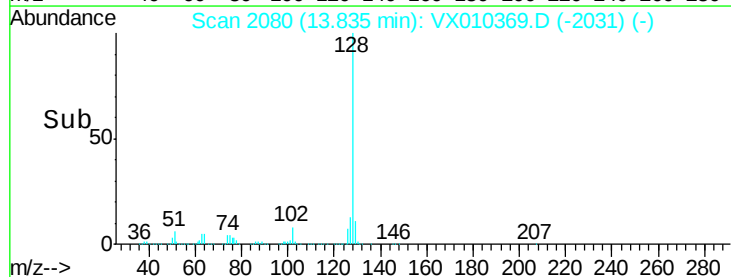
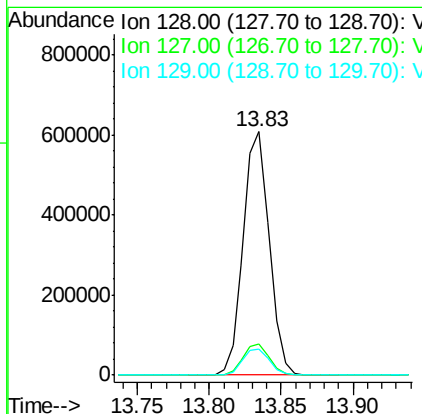
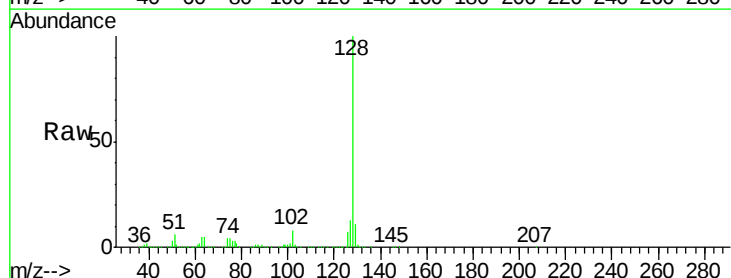
RT: 13.83 min Scan# 2080

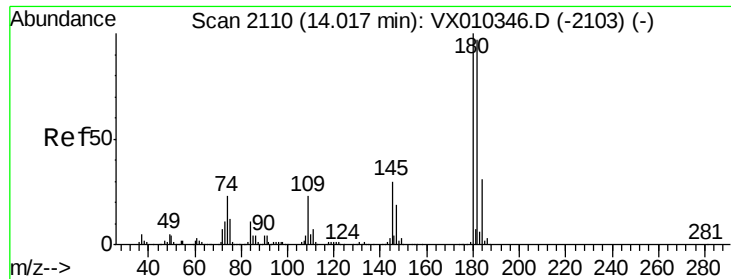
Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion:	128	Resp:	761448
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 49.747 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

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

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	47.8	143.3
145	31.2	15.2	45.6

Manual Integrations
 APPROVED

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

