

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010033.D
 Acq On : 03 Jun 2019 14:04
 Operator : JC/SP
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:03 AM

Quant Time: Jun 04 04:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106847	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	78863	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	320810	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	115225	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40566	20.187	ug/l	98
3) Chloromethane	1.32	50	46678	17.279	ug/l	97
4) Vinyl Chloride	1.41	62	42200	17.328	ug/l	100
5) Bromomethane	1.64	94	23162	15.698	ug/l	96
6) Chloroethane	1.72	64	25504	17.013	ug/l	100
7) Trichlorofluoromethane	1.93	101	48876	18.162	ug/l	99
8) Diethyl Ether	2.19	74	21649	17.119	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30444	18.738	ug/l	98
10) Methyl Iodide	2.51	142	28889	17.679	ug/l	99
11) Tert butyl alcohol	3.04	59	61386	107.381	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31031	18.633	ug/l	99
13) Acrolein	2.29	56	36505	103.582	ug/l	99
14) Allyl chloride	2.73	41	72749	17.973	ug/l	99
15) Acrylonitrile	3.14	53	125628	91.205	ug/l	99
16) Acetone	2.45	43	123224	91.813	ug/l	98
17) Carbon Disulfide	2.57	76	86689	17.443	ug/l	100
18) Methyl Acetate	2.78	43	59013	18.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116414	18.515	ug/l	99
20) Methylene Chloride	2.85	84	37161	18.081	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32434	17.503	ug/l	97
22) Diisopropyl ether	3.85	45	144114	18.712	ug/l	96
23) Vinyl Acetate	3.82	43	623944	90.183	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68242	18.284	ug/l	99
25) 2-Butanone	4.67	43	192298	91.964	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49104	17.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	38900	18.186	ug/l	96
28) Bromochloromethane	5.02	49	34050	17.581	ug/l	97
29) Tetrahydrofuran	5.13	42	123264	91.927	ug/l	97
30) Chloroform	5.21	83	63065	18.736	ug/l	98
31) Cyclohexane	5.58	56	66303	18.756	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52536	19.165	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47824	18.254	ug/l	100
37) Ethyl Acetate	4.84	43	68884	18.870	ug/l	99
38) Carbon Tetrachloride	5.79	117	43026	19.005	ug/l	98

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Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:03 AM

Quant Time: Jun 04 04:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58068	18.685	ug/l	97
40) Benzene	6.14	78	148107	19.057	ug/l	100
41) Methacrylonitrile	5.04	41	39348	18.446	ug/l	98
42) 1,2-Dichloroethane	6.20	62	54283	18.893	ug/l	99
43) Isopropyl Acetate	6.45	43	108293	18.385	ug/l	99
44) Trichloroethene	7.21	130	35112	18.599	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41872	18.716	ug/l	99
46) Dibromomethane	7.66	93	24466	18.578	ug/l	99
47) Bromodichloromethane	7.90	83	47987	19.162	ug/l	97
48) Methyl methacrylate	7.77	41	54713	18.764	ug/l	98
49) 1,4-Dioxane	7.74	88	21624	398.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	367697	95.962	ug/l	100
52) Toluene	8.79	92	90826	19.248	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	53841	17.927	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61116	18.677	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36538	19.238	ug/l	97
56) Ethyl methacrylate	9.18	69	65746	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64079	18.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	160024	90.254	ug/l	98
59) 2-Hexanone	9.49	43	288198	97.693	ug/l	99
60) Dibromochloromethane	9.58	129	35332	18.911	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37309	19.121	ug/l	99
64) Tetrachloroethene	9.34	164	33050	20.002	ug/l	98
65) Chlorobenzene	10.14	112	94458	19.073	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33165	19.308	ug/l	98
67) Ethyl Benzene	10.25	91	171027	19.234	ug/l	99
68) m/p-Xylenes	10.36	106	126078	38.380	ug/l	99
69) o-Xylene	10.70	106	61491	19.518	ug/l	98
70) Styrene	10.71	104	108266	19.598	ug/l	99
71) Bromoform	10.85	173	27300	19.444	ug/l #	97
73) Isopropylbenzene	11.02	105	165402	19.452	ug/l	100
74) N-amyl acetate	10.90	43	96078	18.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61013	19.234	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53280m	19.334	ug/l	
77) Bromobenzene	11.26	156	41811	19.295	ug/l	95
78) n-propylbenzene	11.36	91	188105	19.193	ug/l	100
79) 2-Chlorotoluene	11.42	91	114516	19.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139313	19.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19905	17.871	ug/l	95
82) 4-Chlorotoluene	11.51	91	129181	18.532	ug/l	98
83) tert-Butylbenzene	11.77	119	133266	19.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140373	19.296	ug/l	99
85) sec-Butylbenzene	11.94	105	159518	19.565	ug/l	100
86) p-Isopropyltoluene	12.06	119	144686	19.730	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73164	18.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72016	18.304	ug/l	98
89) n-Butylbenzene	12.38	91	128461	18.639	ug/l	100
90) Hexachloroethane	12.60	117	24156	19.194	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	73824	19.409	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14048	18.814	ug/l	95

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ClientSampleId :
VX0603WBSD01

Manual Integrations
APPROVED

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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51113	18.805	ug/l	99
94) Hexachlorobutadiene	13.78	225	26105	19.148	ug/l	99
95) Naphthalene	13.83	128	163618	19.344	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52263	19.209	ug/l	99

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

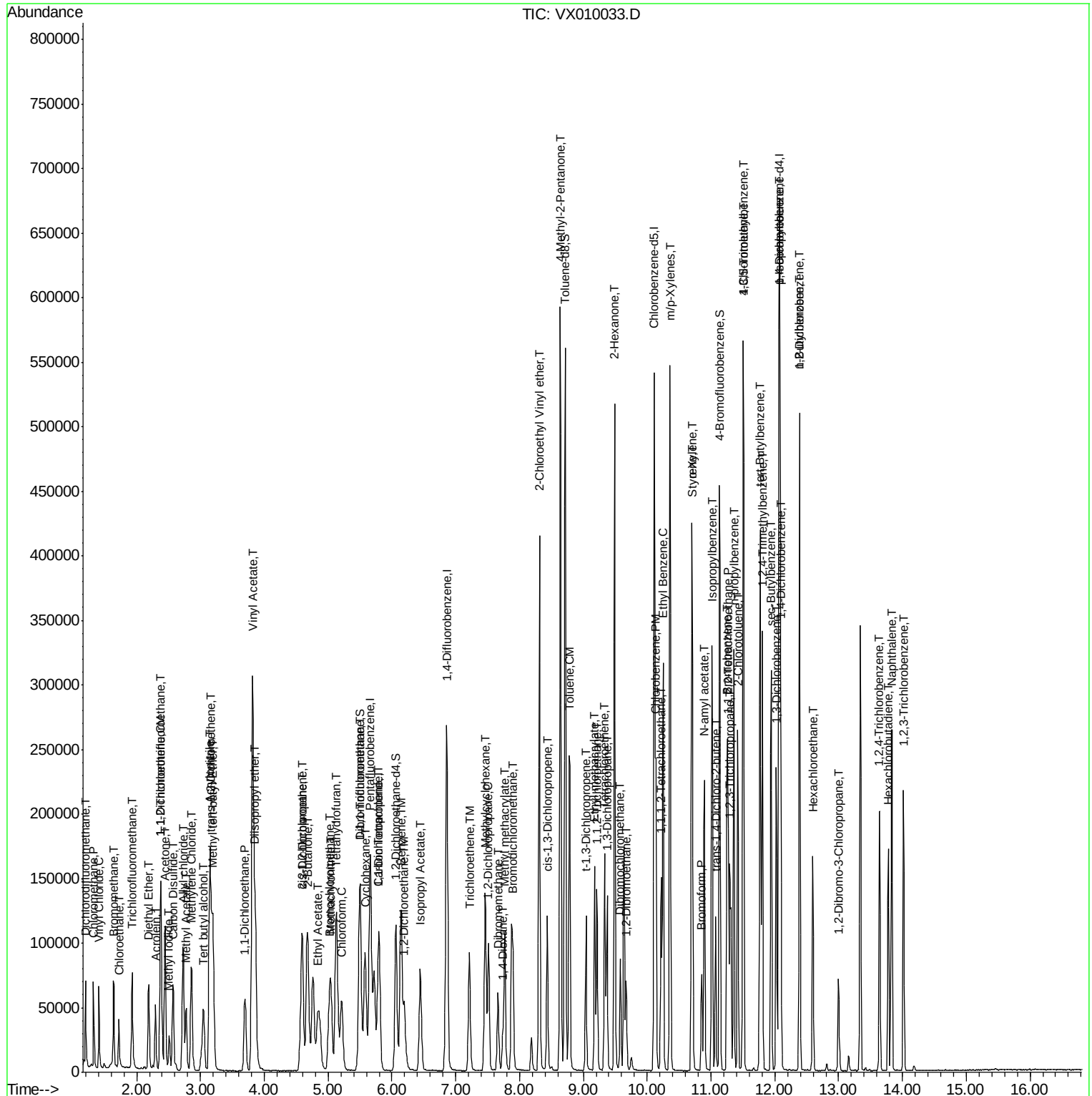
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Data File : VX010033.D
Acq On : 03 Jun 2019 14:04
Operator : JC/SP
Sample : VX0603WBSD01
Misc : 5.0mL/MSVOA X/WATER
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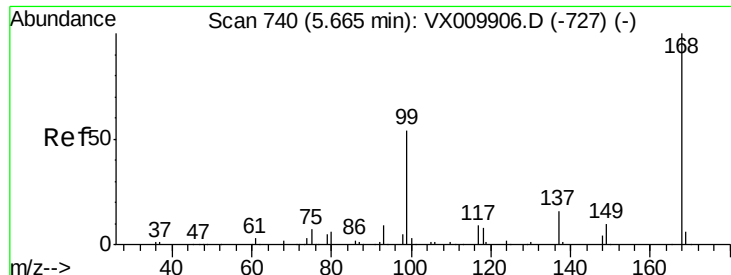
Instrument :
MSVOA_X
Client Sampled :
VX0603WBSD01

Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion:168 Resp: 164444

Ion Ratio Lower Upper

168 100

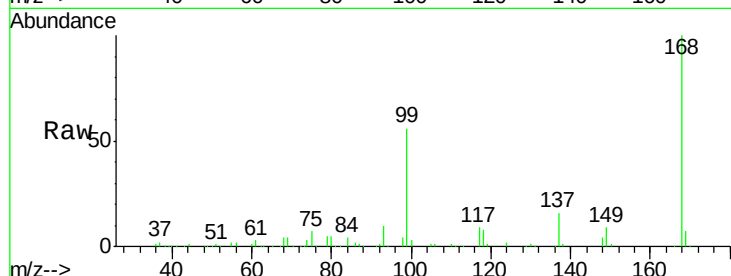
99 56.3 43.0 64.6

Manual Integrations

APPROVED

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6/4/2019 11:30:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

40000

20000

0

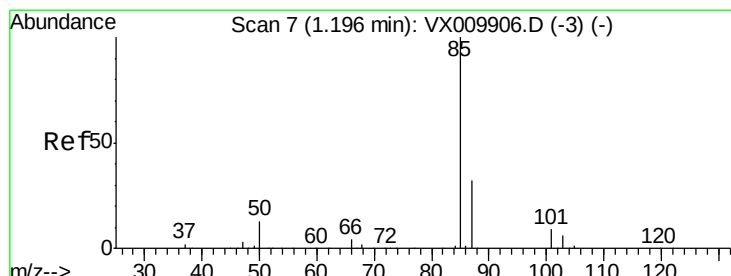
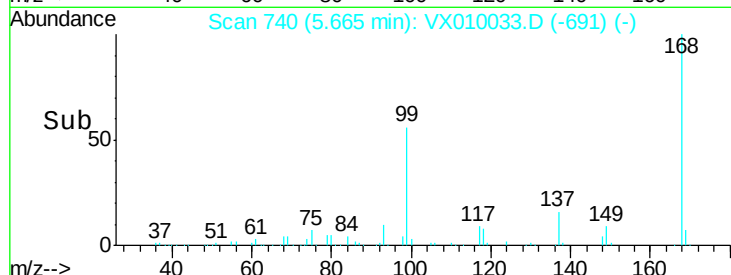
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010033.D

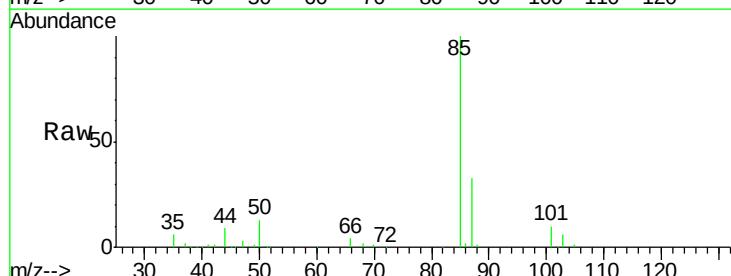
Acq: 03 Jun 2019 14:04

Tgt Ion: 85 Resp: 40566

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

20000

10000

0

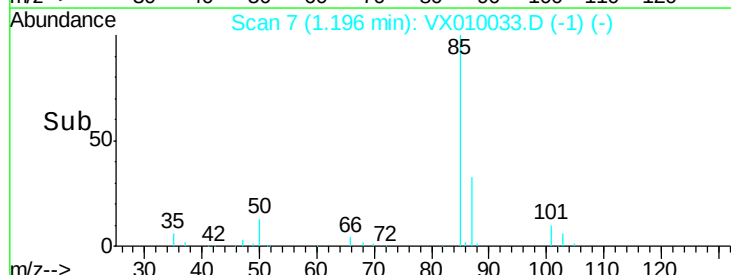
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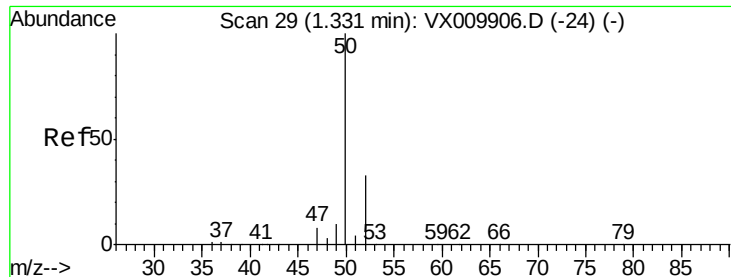
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 17.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 50 Resp: 46678

Ion Ratio Lower Upper

50 100

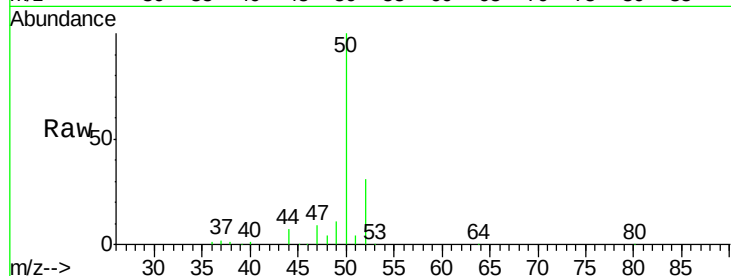
52 31.0 26.0 39.0

Manual Integrations

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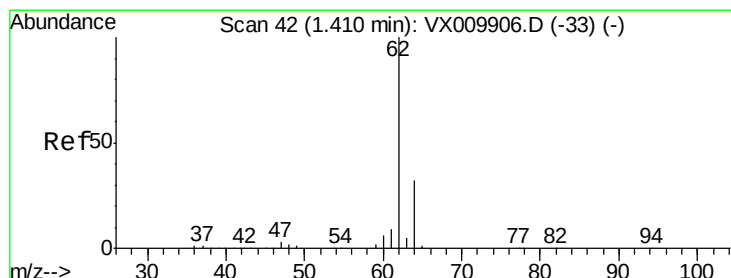
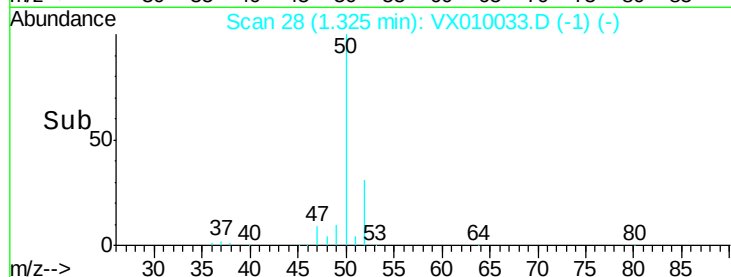
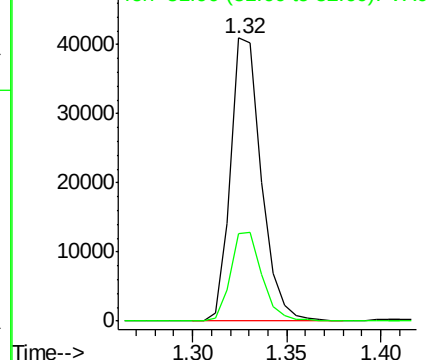
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.328 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010033.D

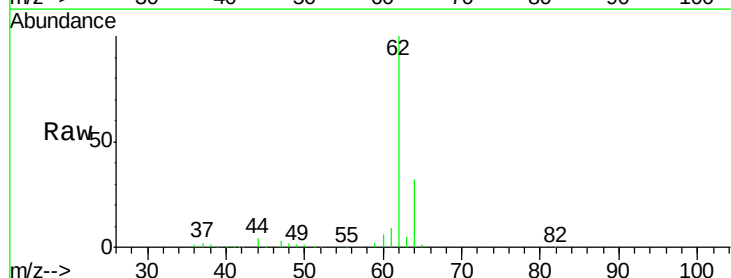
Acq: 03 Jun 2019 14:04

Tgt Ion: 62 Resp: 42200

Ion Ratio Lower Upper

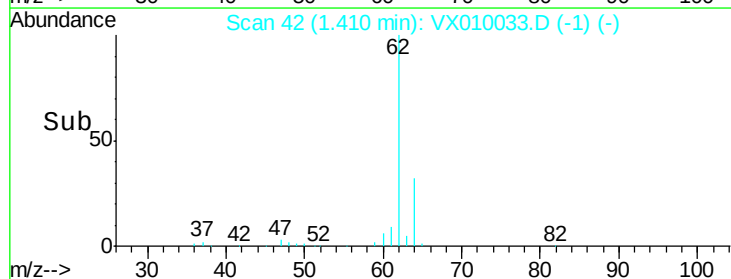
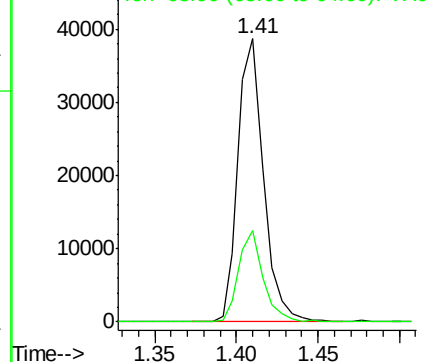
62 100

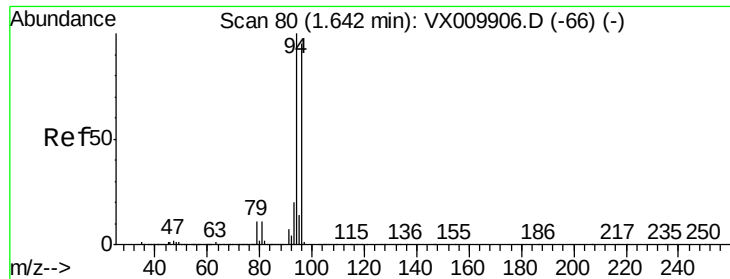
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.698 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 94 Resp: 23162

Ion Ratio Lower Upper

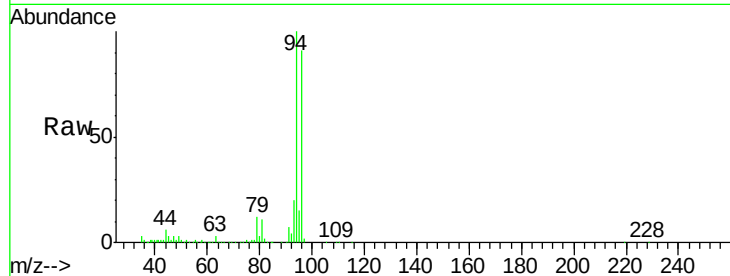
94 100

96 91.0 76.2 114.4

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

25000

20000

15000

10000

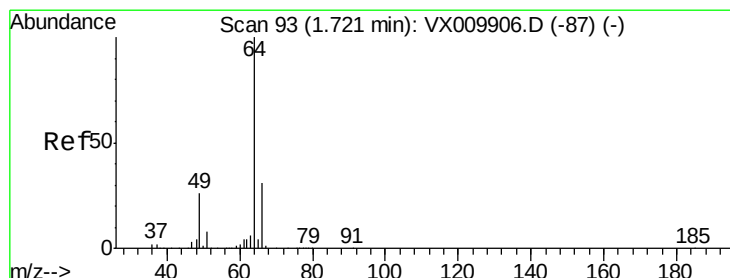
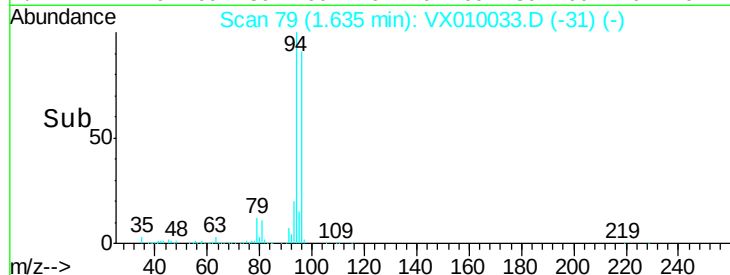
5000

0

1.64

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 17.013 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010033.D

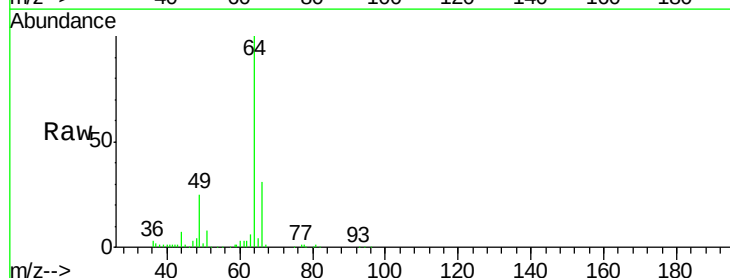
Acq: 03 Jun 2019 14:04

Tgt Ion: 64 Resp: 25504

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

10000

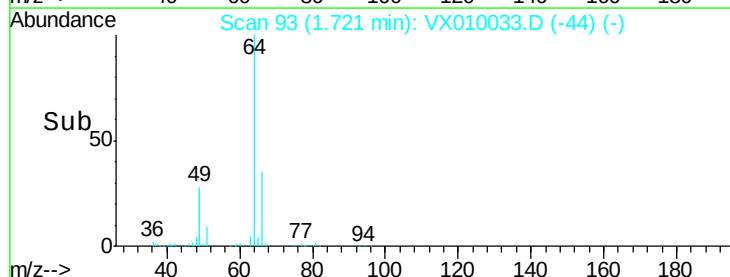
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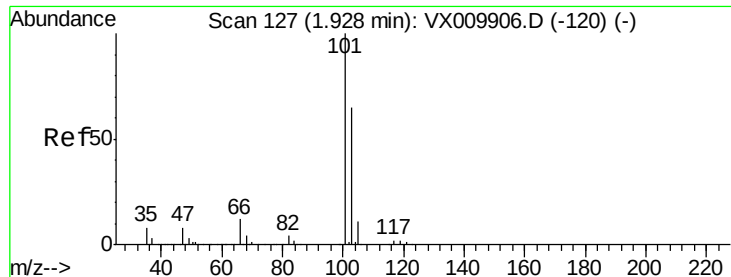
0

1.72

1.65 1.70 1.75 1.80

Time-->





#7

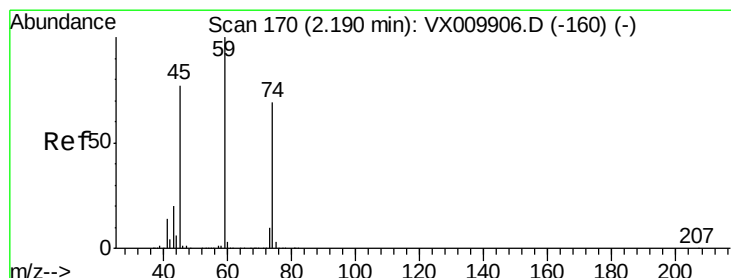
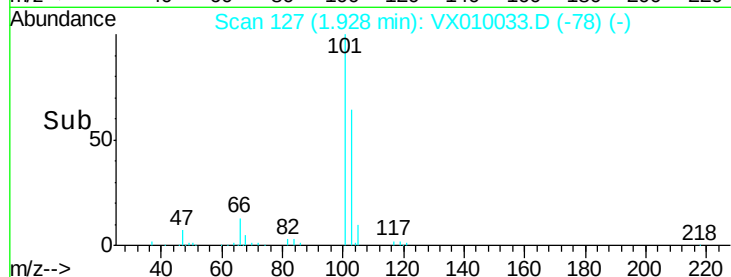
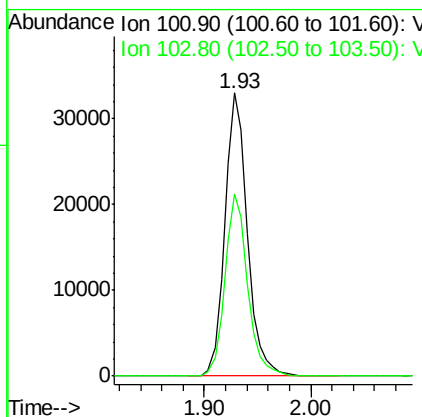
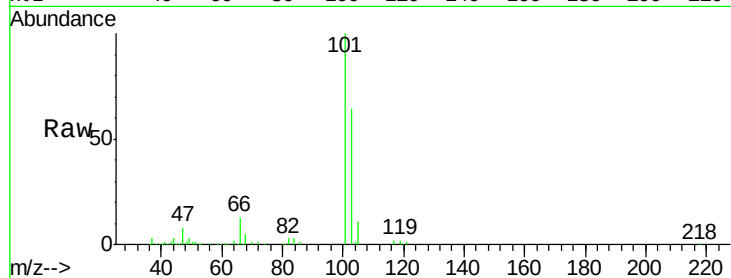
Trichlorofluoromethane
Concen: 18.162 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampled :
VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.4

Manual Integrations
APPROVED

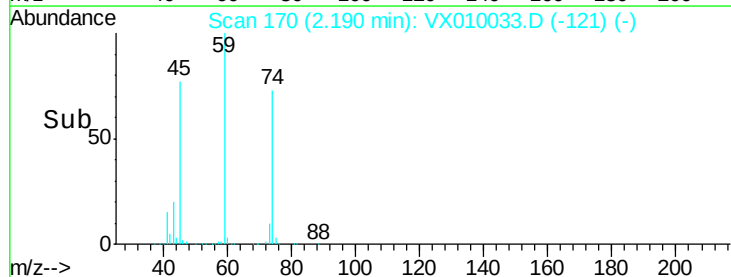
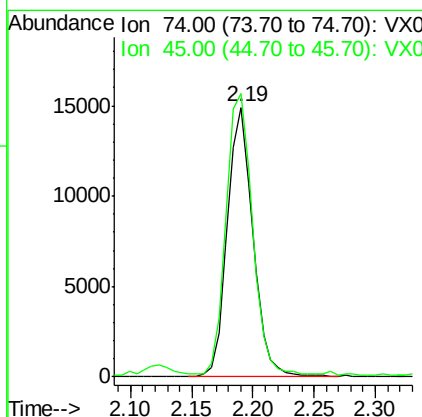
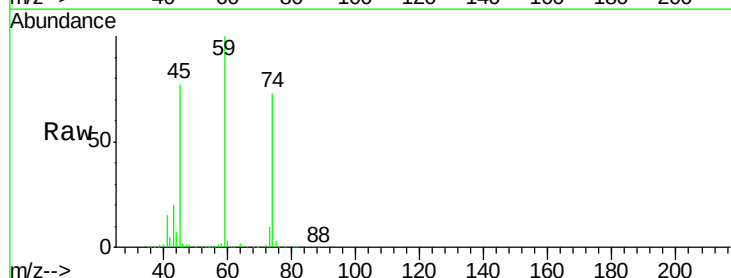
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6/4/2019 11:30:03 AM

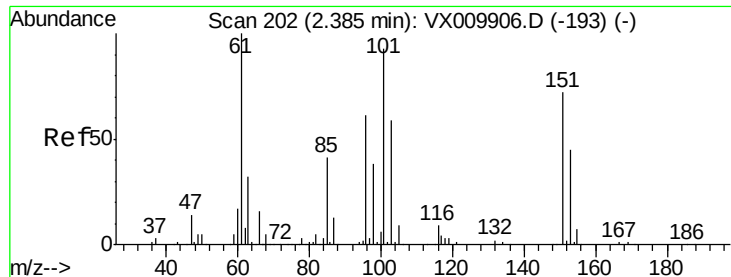


#8

Diethyl Ether
Concen: 17.119 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.1	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.738 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

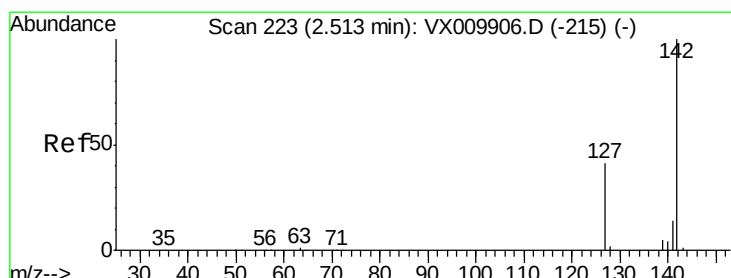
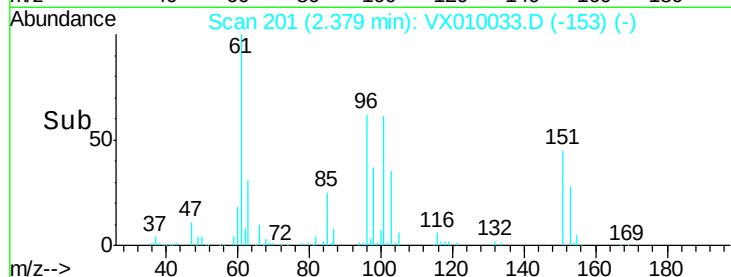
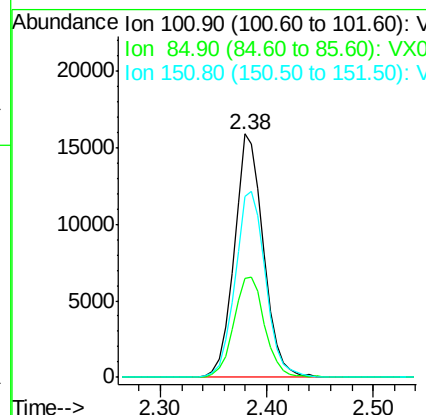
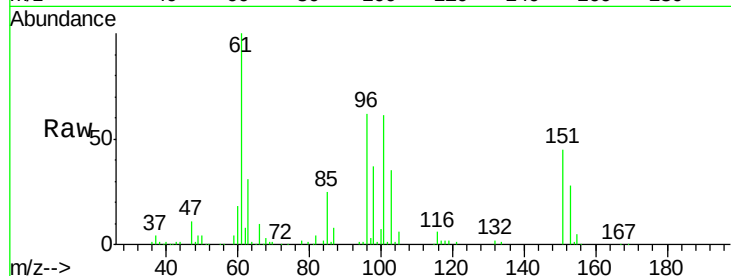
ClientSampleId :

VX0603WBSD01

Tot Ion:	101	Resp:	30444
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.2	52.8
151	80.0	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.679 ug/l

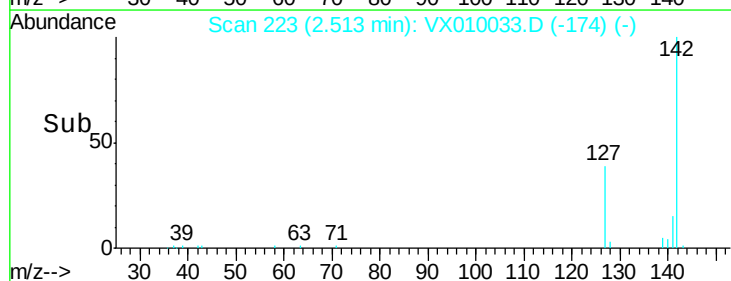
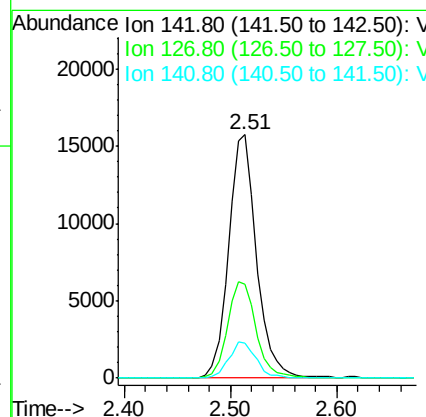
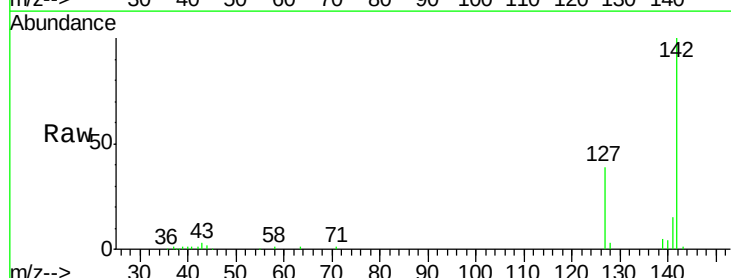
RT: 2.51 min Scan# 223

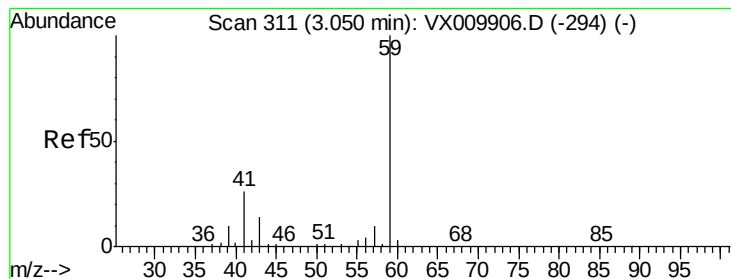
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	142	Resp:	28889
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.0	49.4
141	14.7	11.4	17.0





#11

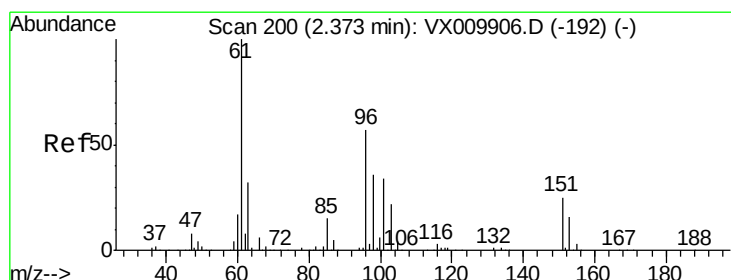
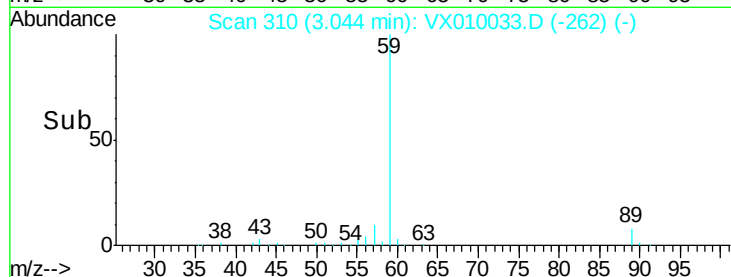
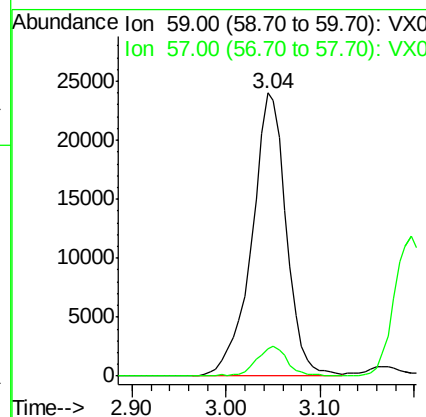
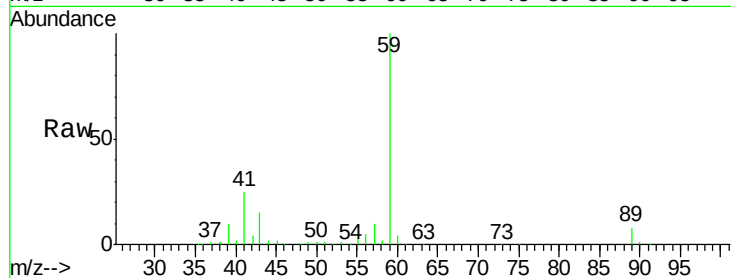
Tert butyl alcohol
 Concen: 107.381 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.2

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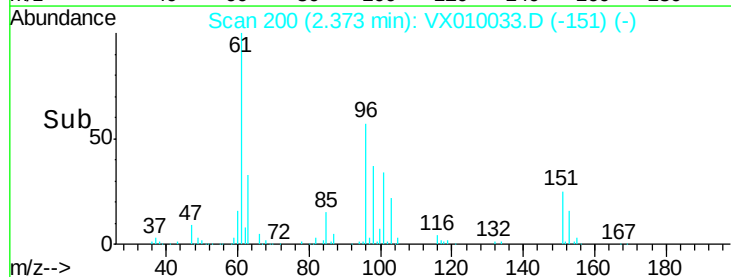
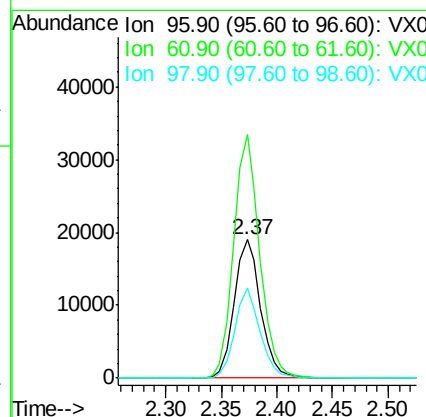
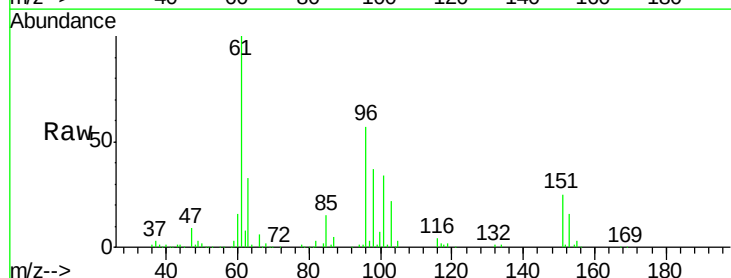
MMDadoda
 6/4/2019 11:30:03 AM

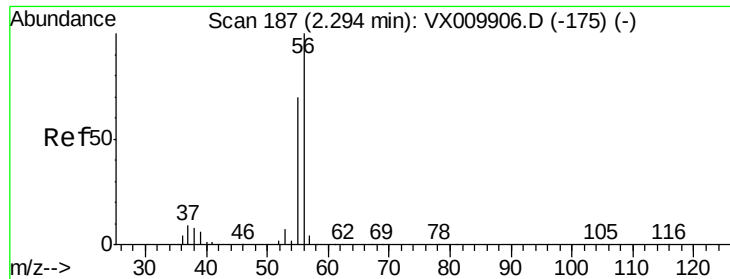


#12

1,1-Dichloroethene
 Concen: 18.633 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.3	140.7	211.1
98	65.5	50.1	75.1





#13

Acrolein

Concen: 103.582 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion: 56 Resp: 36505

Ion Ratio Lower Upper

56 100

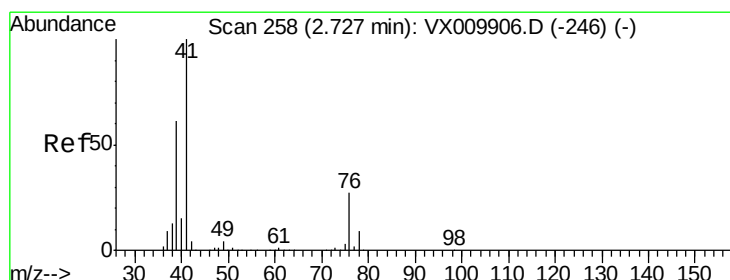
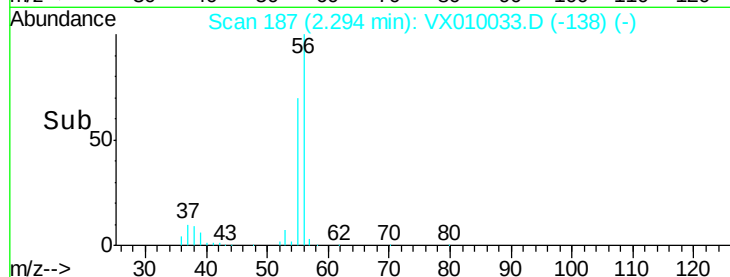
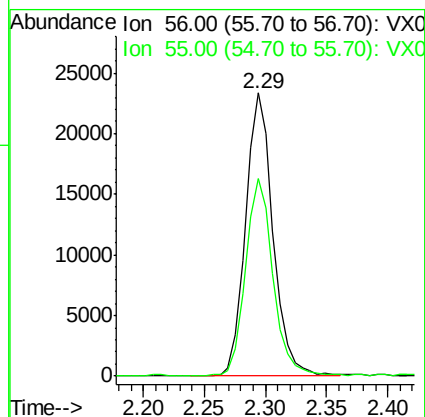
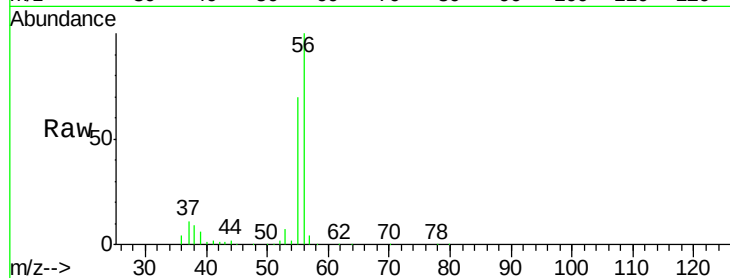
55 70.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.973 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

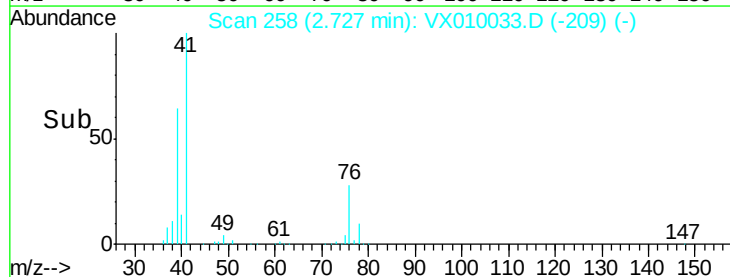
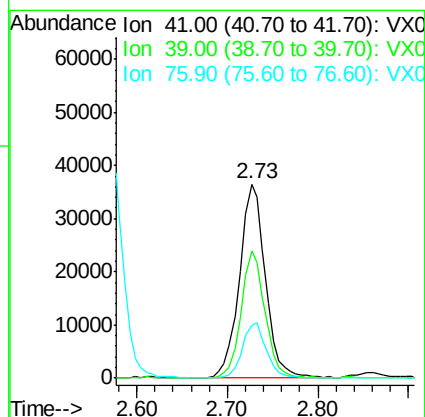
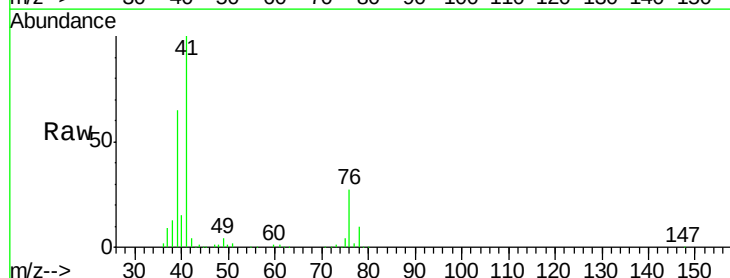
Tgt Ion: 41 Resp: 72749

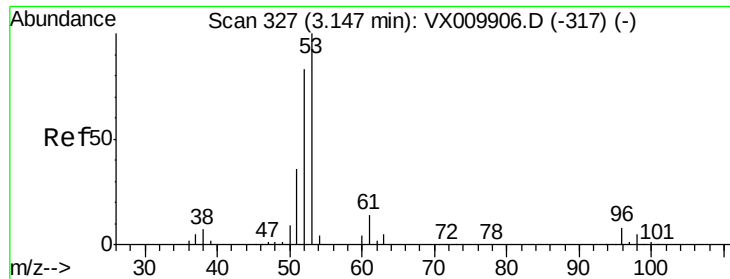
Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 91.205 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

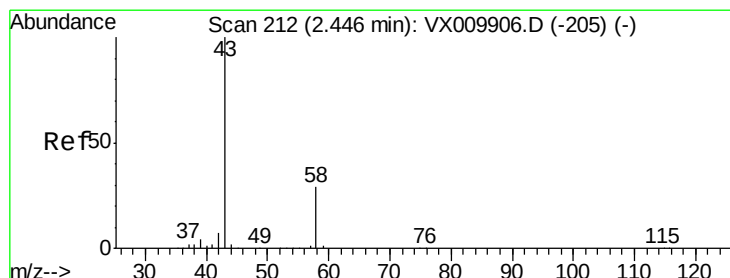
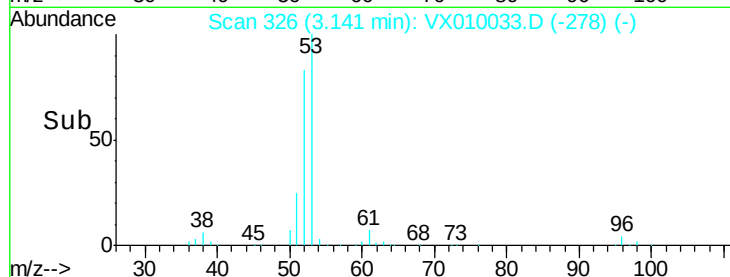
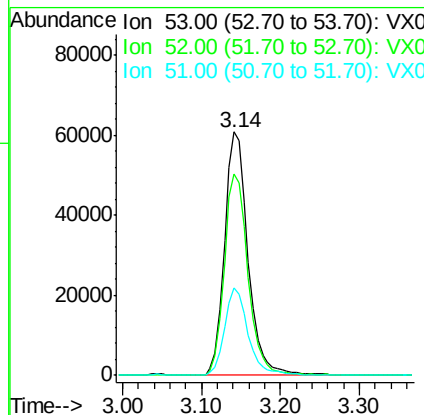
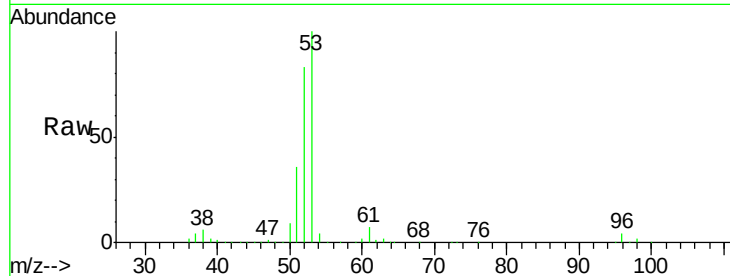
ClientSampled :

VX0603WBSD01

Tot Ion:	53	Resp:	125628
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.7	100.1
51	36.3	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 91.813 ug/l

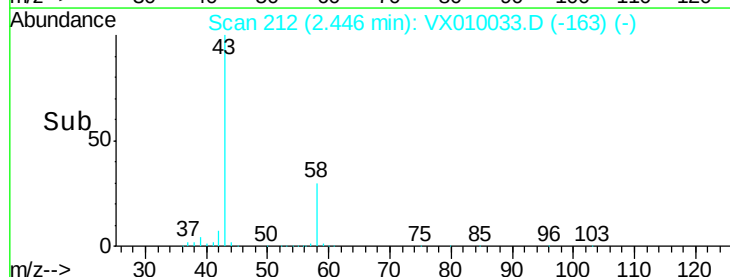
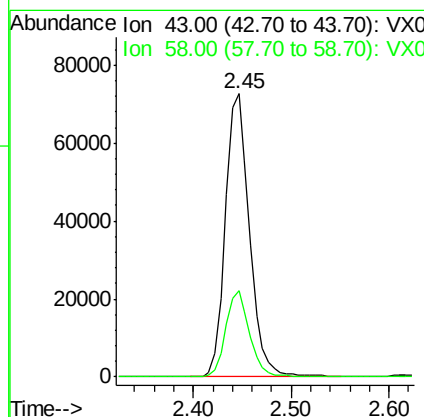
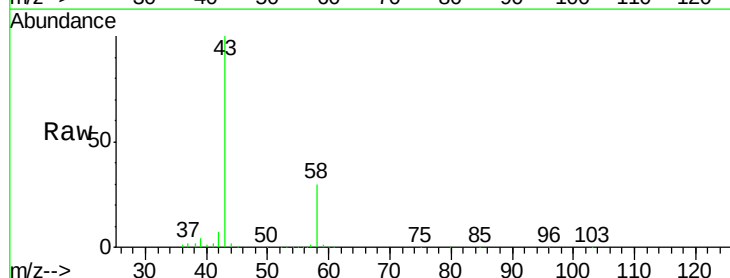
RT: 2.45 min Scan# 212

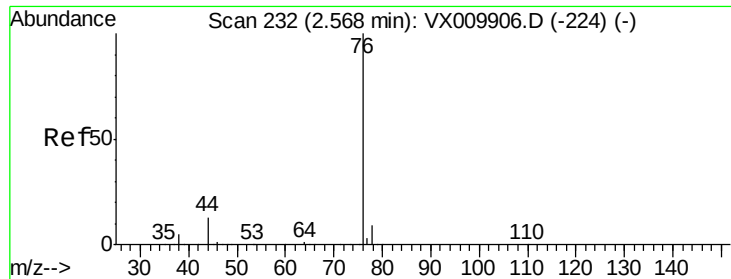
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	43	Resp:	123224
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.2	34.8





#17

Carbon Disulfide

Concen: 17.443 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 76 Resp: 86689

Ion Ratio Lower Upper

76 100

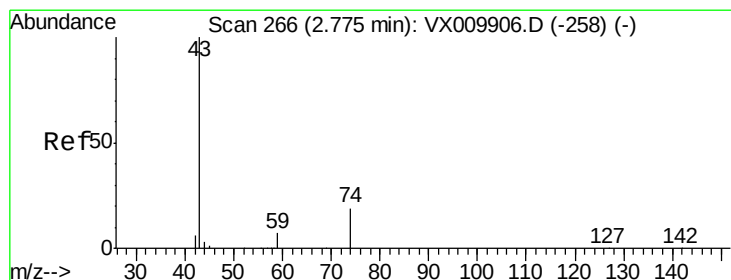
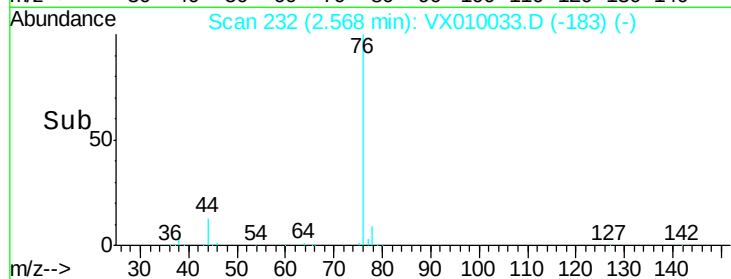
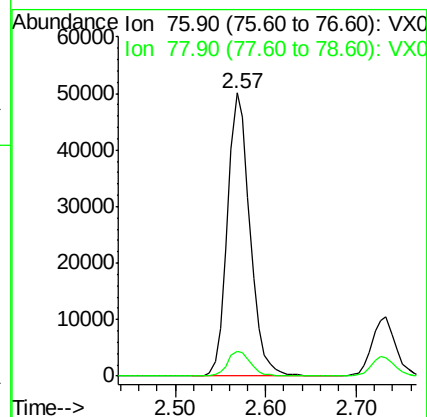
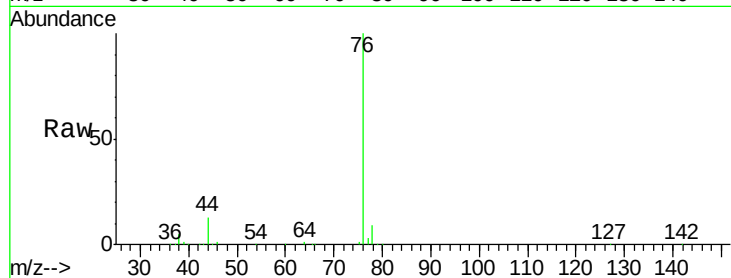
78 8.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 18.897 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010033.D

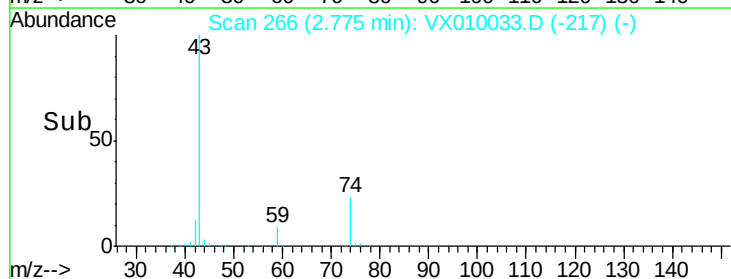
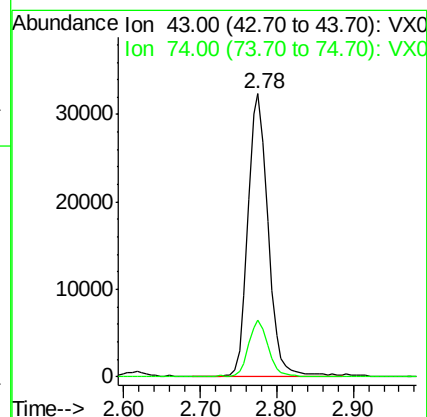
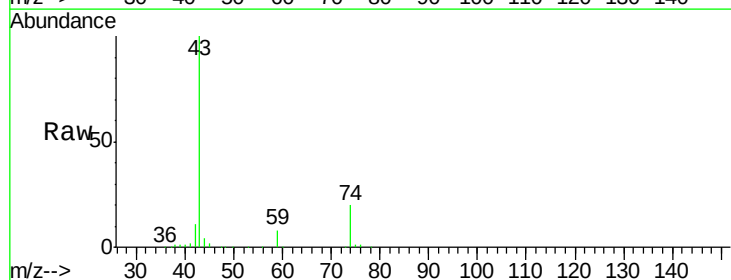
Acq: 03 Jun 2019 14:04

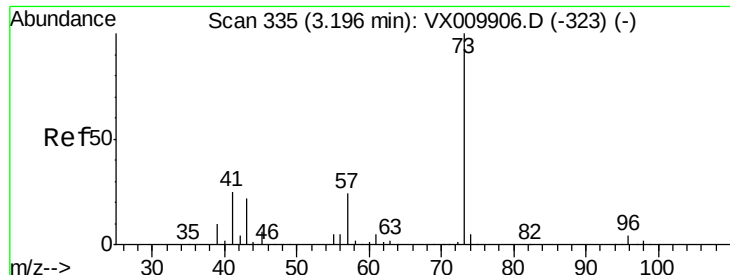
Tgt Ion: 43 Resp: 59013

Ion Ratio Lower Upper

43 100

74 20.3 15.8 23.6





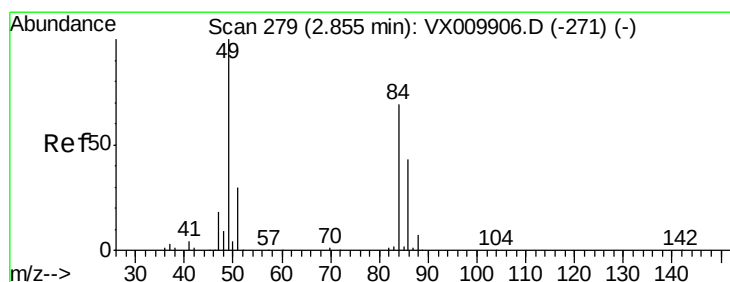
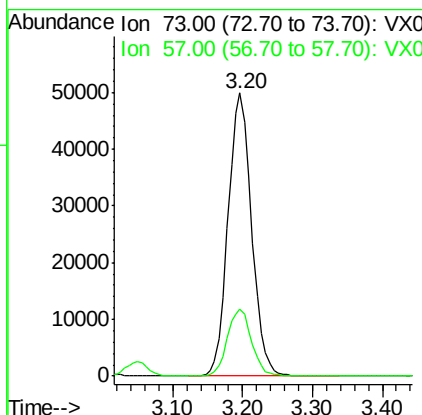
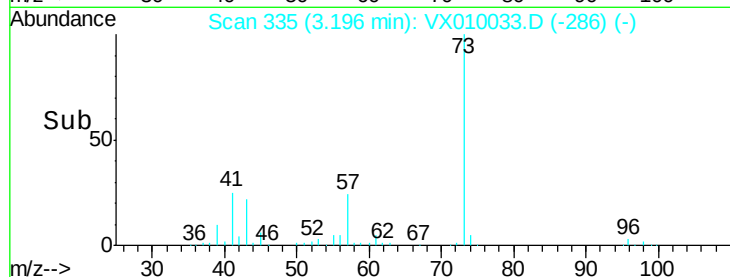
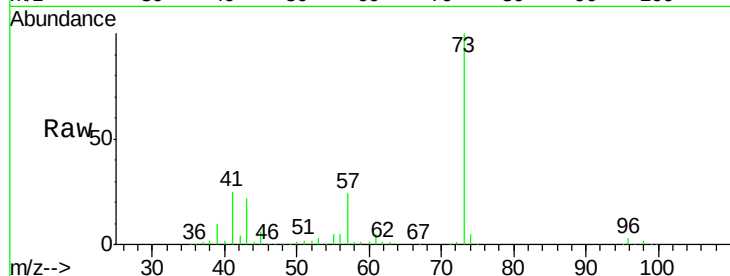
#19
Methyl tert-butyl Ether
Concen: 18.515 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion: 73 Resp: 116414
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.2

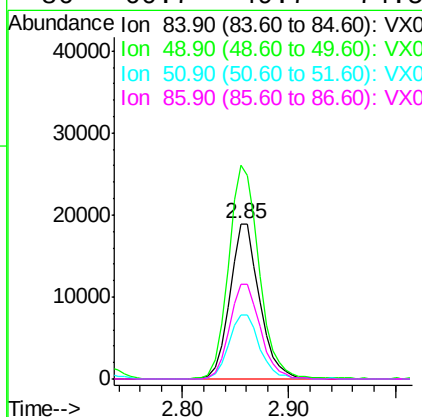
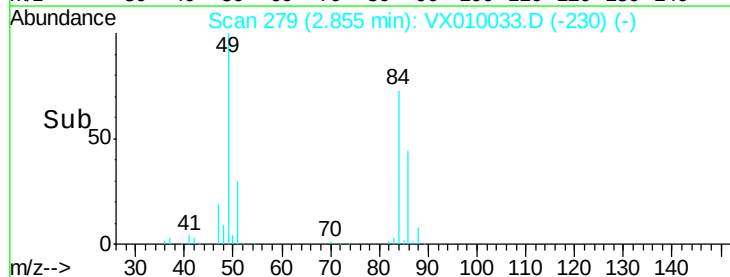
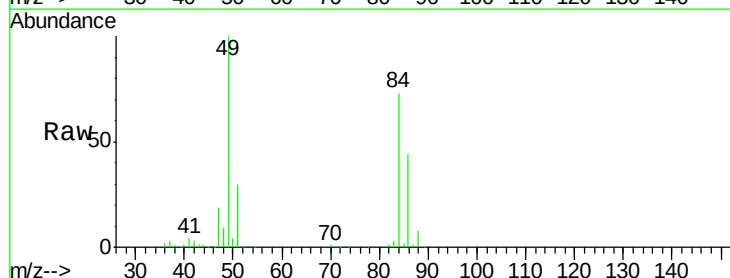
Manual Integrations
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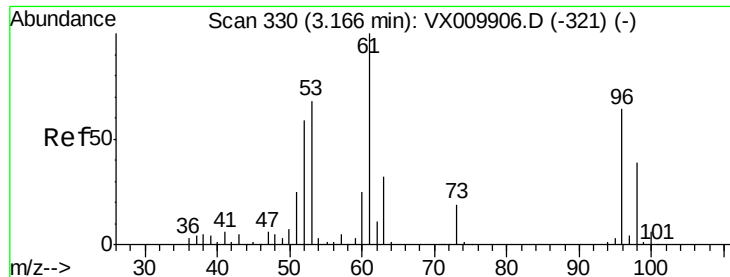
MMDadoda
6/4/2019 11:30:03 AM



#20
Methylene Chloride
Concen: 18.081 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 84 Resp: 37161
Ion Ratio Lower Upper
84 100
49 137.3 115.8 173.6
51 41.3 34.4 51.6
86 60.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion: 96 Resp: 32434

Ion Ratio Lower Upper

96 100

61 160.6 125.7 188.5

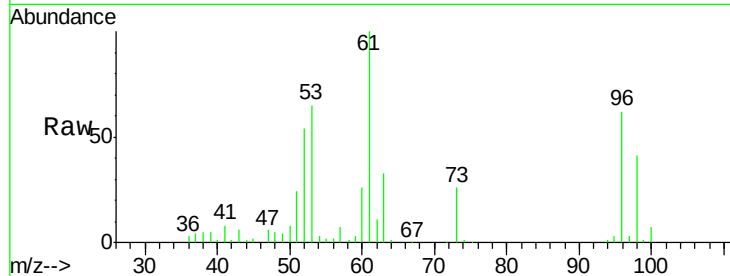
98 65.3 49.0 73.6

Manual Integrations

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MMDadoda

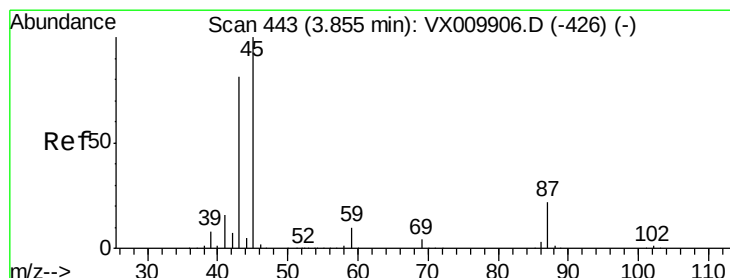
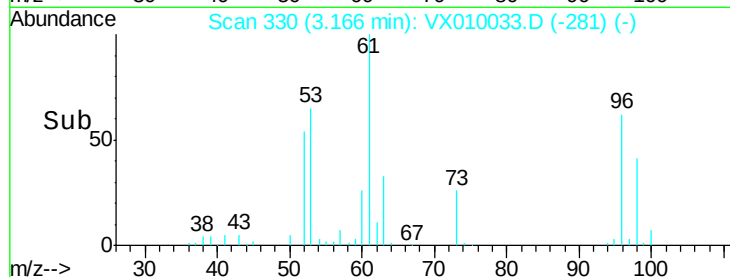
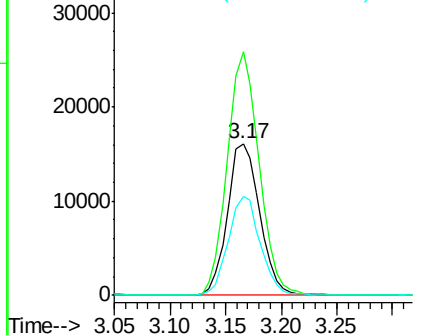
6/4/2019 11:30:03 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.712 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 45 Resp: 144114

Ion Ratio Lower Upper

45 100

43 76.0 65.0 97.4

87 21.4 17.3 25.9

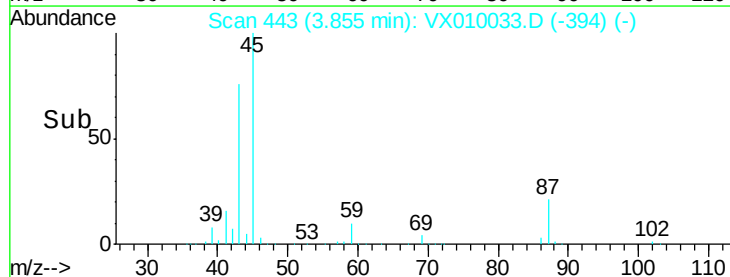
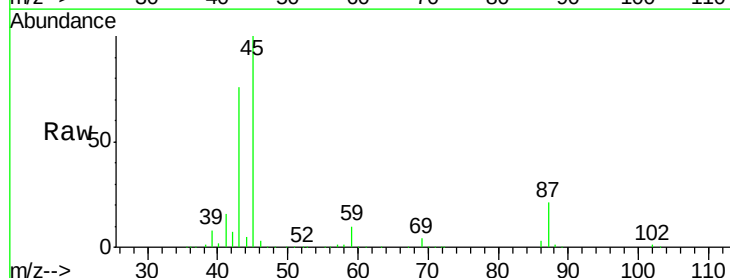
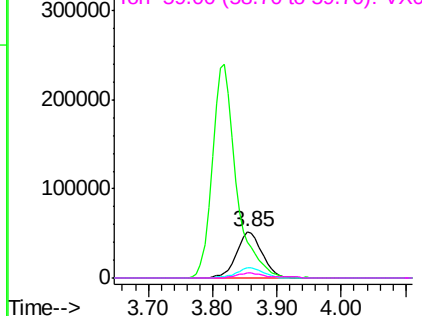
59 10.1 8.1 12.1

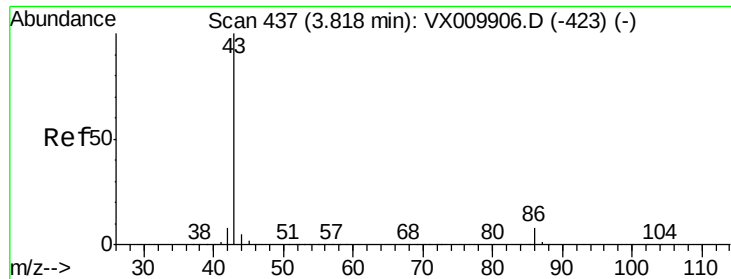
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





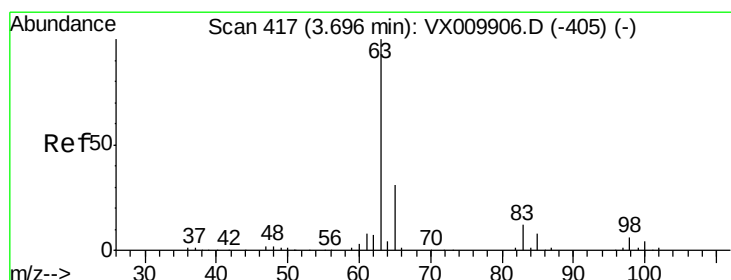
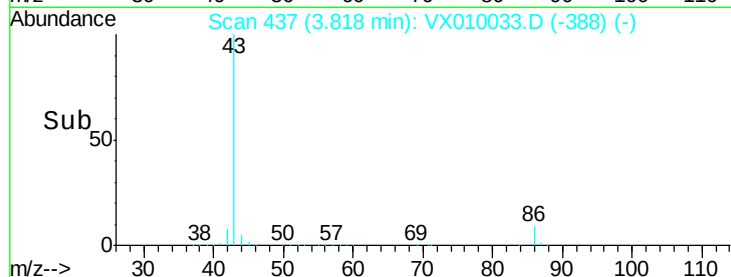
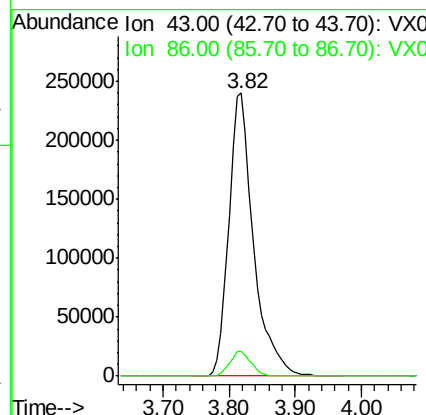
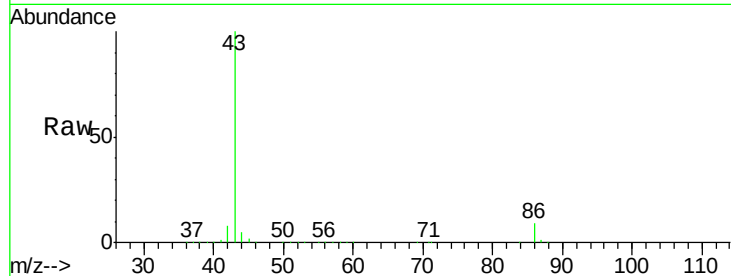
#23
 Vinyl Acetate
 Concen: 90.183 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0603WBSD01

Tot Ion	43	Resp	623944
Ion Ratio	100	Lower	Upper
43	100		
86	8.8	6.5	9.7

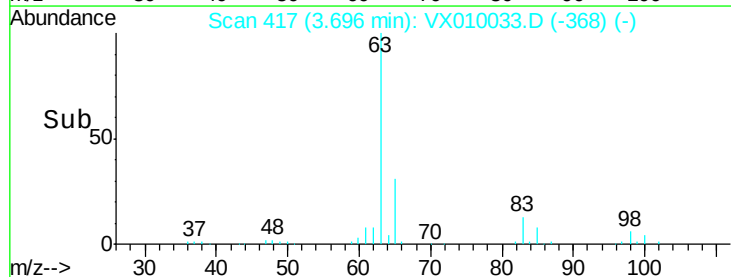
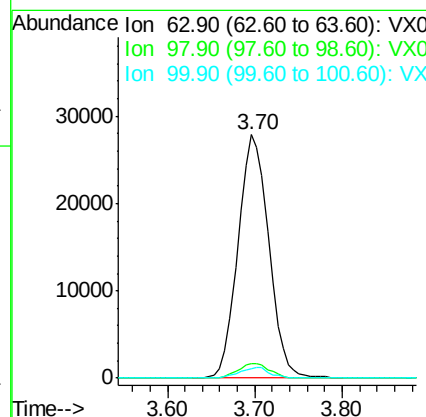
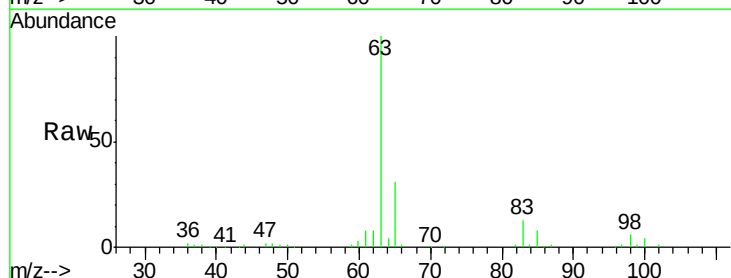
Manual Integrations
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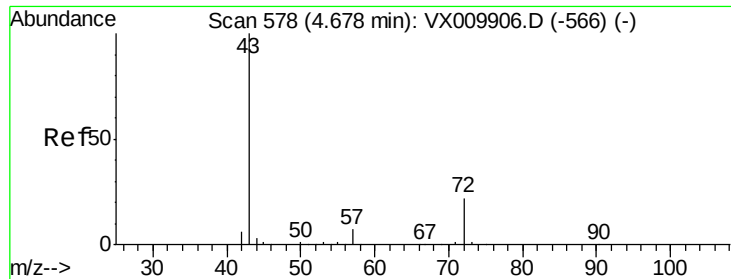
MMDadoda
 6/4/2019 11:30:03 AM



#24
 1,1-Dichloroethane
 Concen: 18.284 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	63	Resp	68242
Ion Ratio	100	Lower	Upper
63	100		
98	6.1	2.9	8.8
100	3.7	1.8	5.4





#25

2-Butanone

Concen: 91.964 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tot Ion: 43 Resp: 192298

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3

Instrument :

MSVOA_X

ClientSampled :

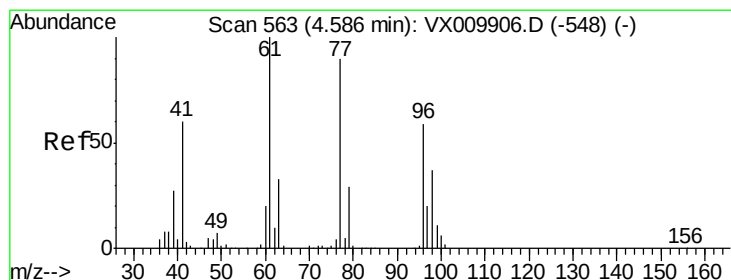
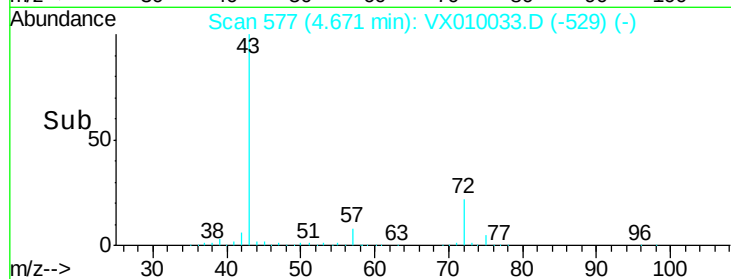
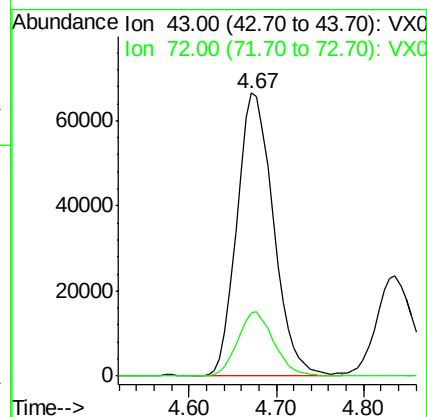
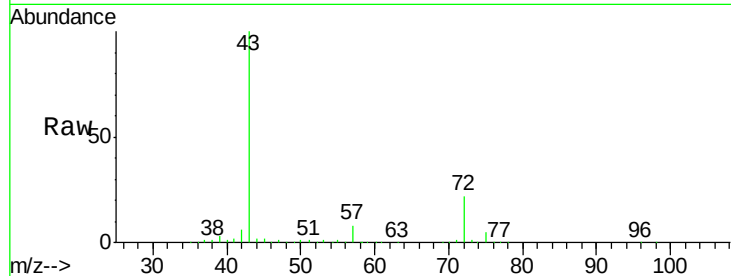
VX0603WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.392 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX010033.D

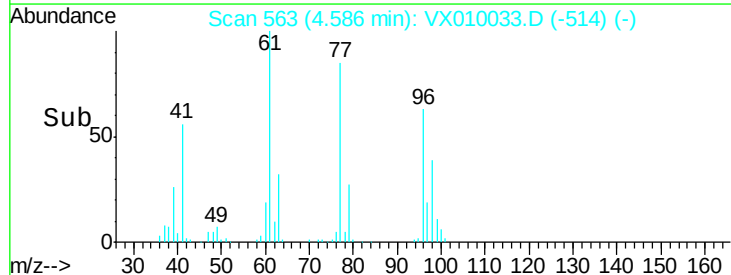
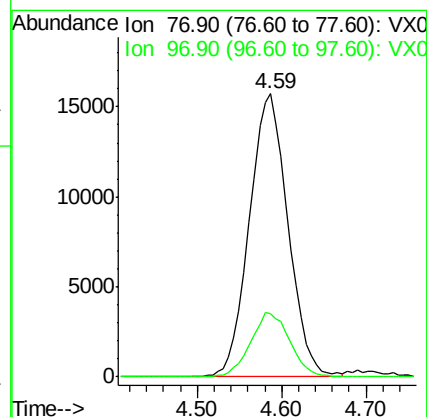
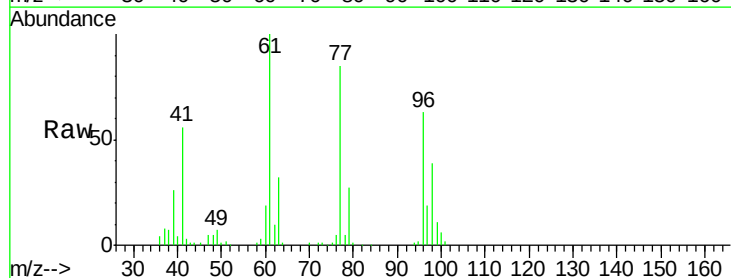
Acq: 03 Jun 2019 14:04

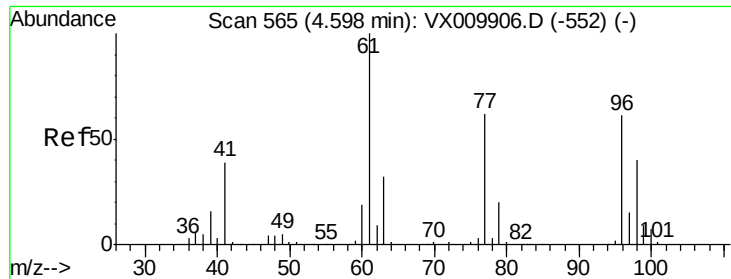
Tgt Ion: 77 Resp: 49104

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

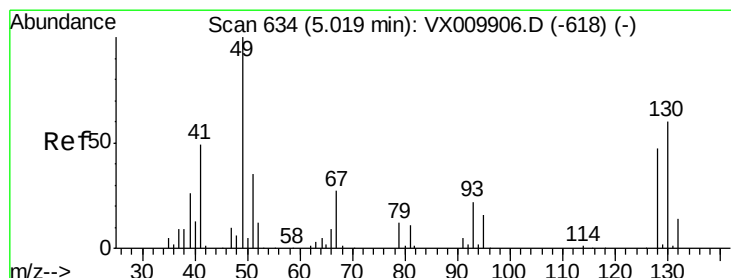
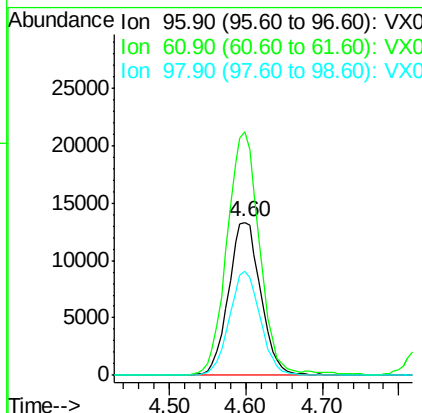
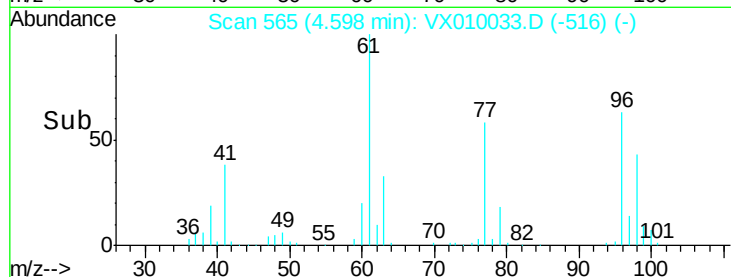
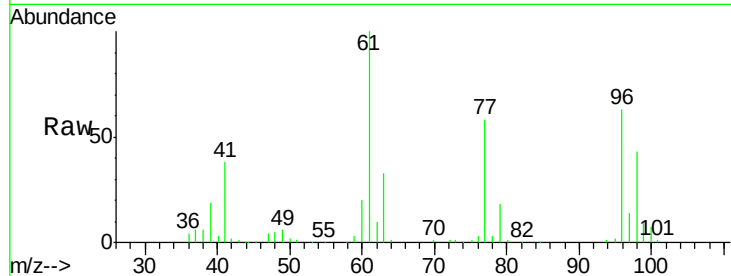
cis-1,2-Dichloroethene
Concen: 18.186 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	38900		
61	158.9	0.0	334.0	
98	65.3	0.0	131.6	

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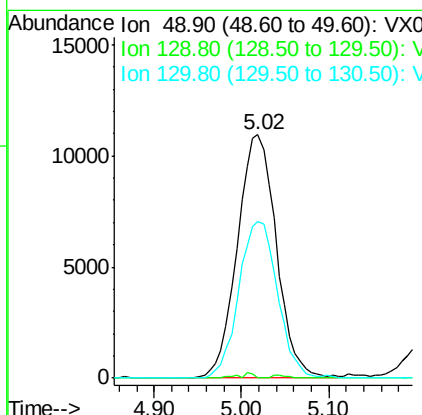
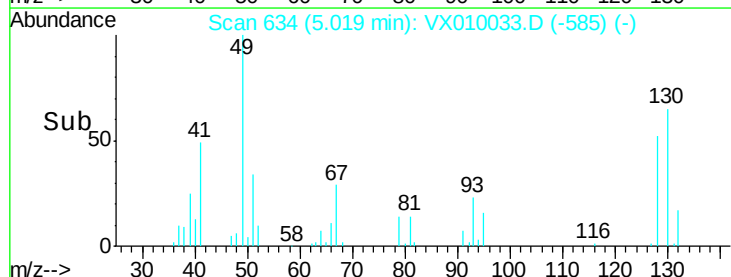
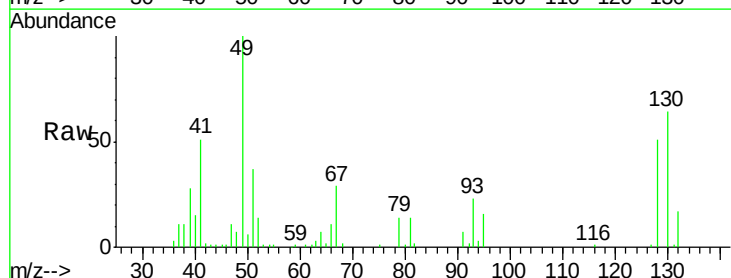
MMDadoda
6/4/2019 11:30:03 AM

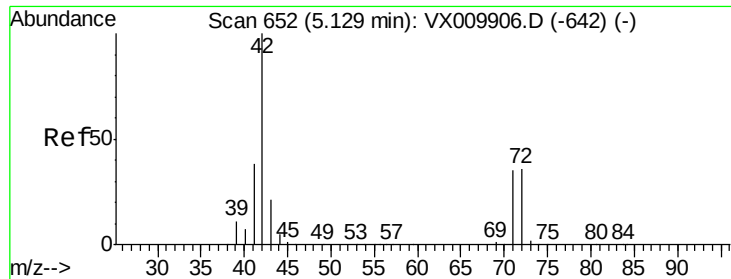


#28

Bromochloromethane
Concen: 17.581 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34050		
129	0.7	0.0	3.4	
130	64.0	49.4	74.2	





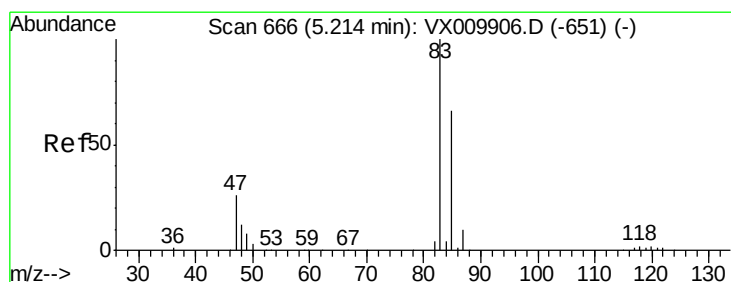
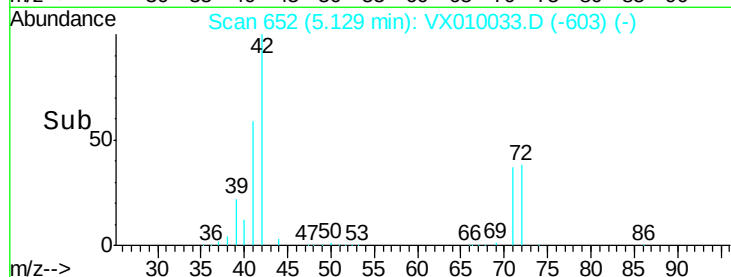
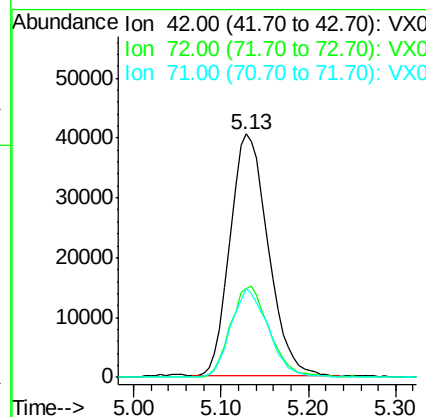
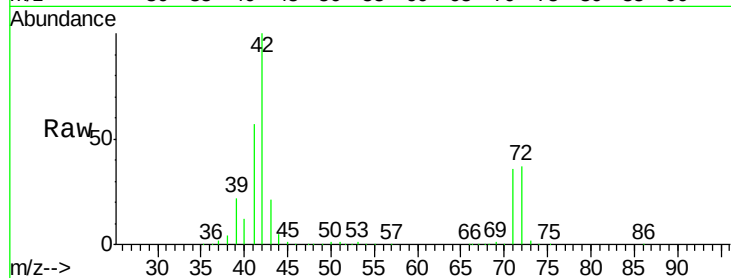
#29
Tetrahydrofuran
Concen: 91.927 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion:	42	Resp:	123264
Ion	Ratio	Lower	Upper
42	100		
72	38.1	29.2	43.8
71	35.9	27.6	41.4

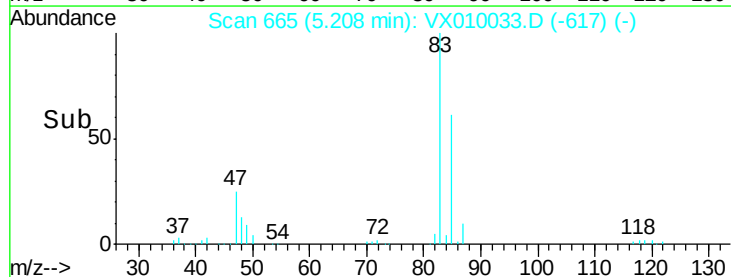
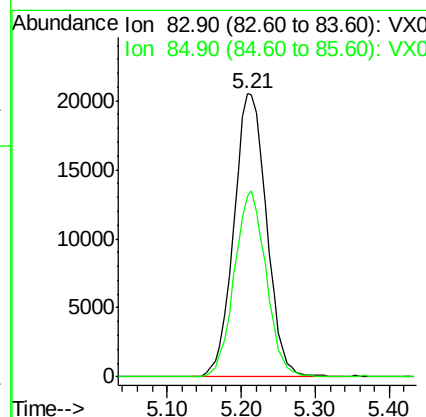
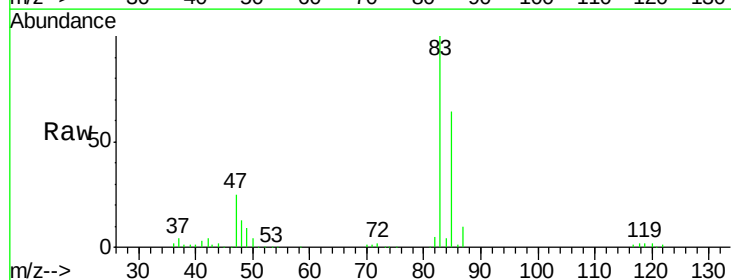
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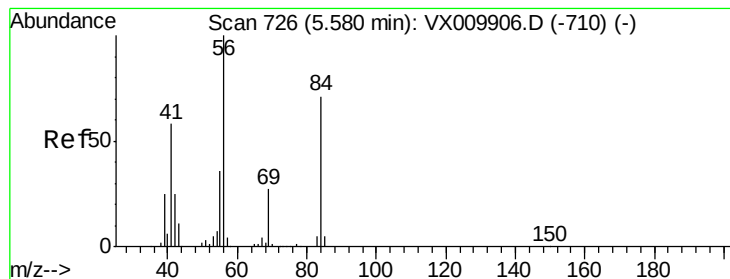
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6/4/2019 11:30:03 AM



#30
Chloroform
Concen: 18.736 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:	83	Resp:	63065
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8





#31

Cyclohexane

Concen: 18.756 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

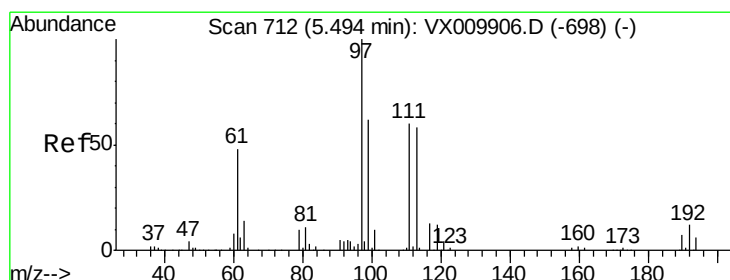
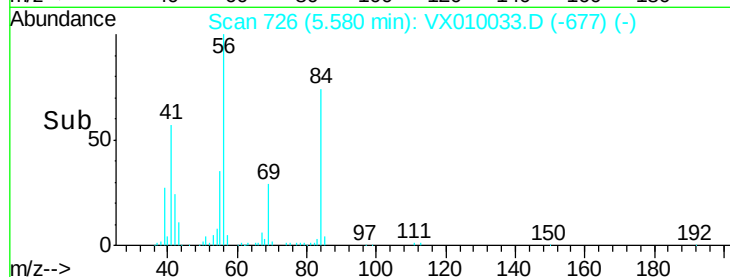
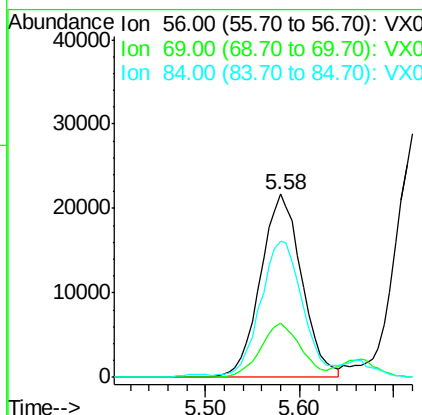
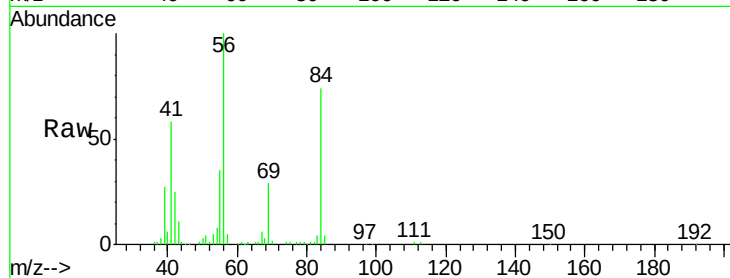
ClientSampleId :

VX0603WBSD01

Tot Ion:	56	Resp:	66303
Ion	Ratio	Lower	Upper
56	100		
69	29.3	21.6	32.4
84	72.8	56.8	85.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.165 ug/l

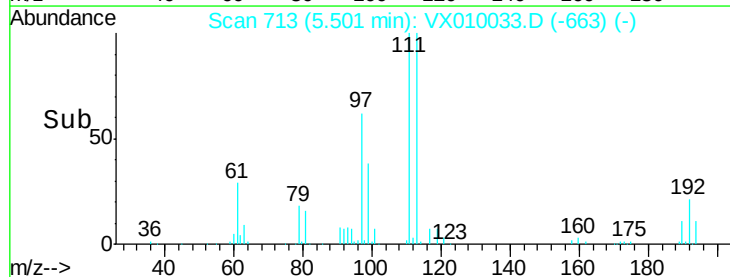
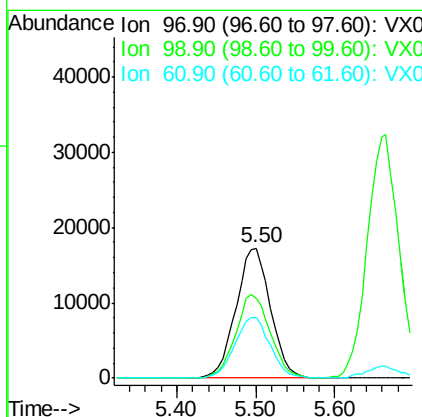
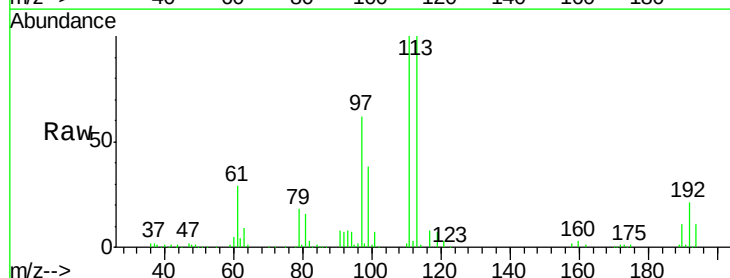
RT: 5.50 min Scan# 713

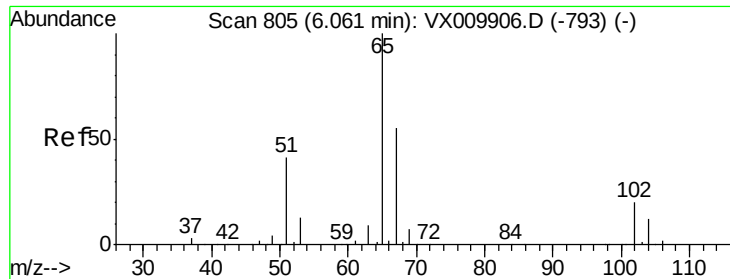
Delta R.T. 0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	97	Resp:	52536
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	48.0	38.7	58.1





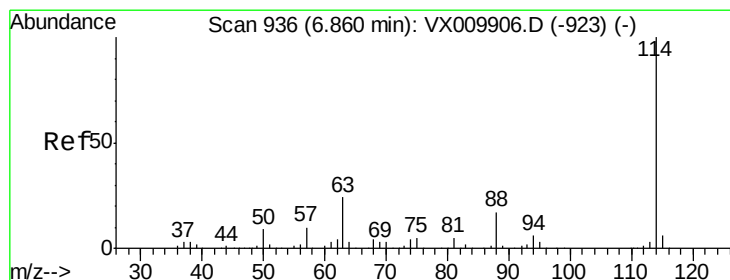
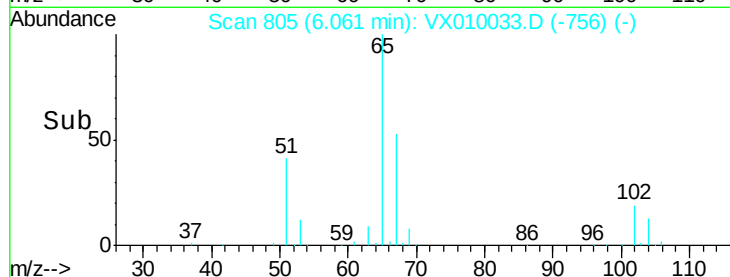
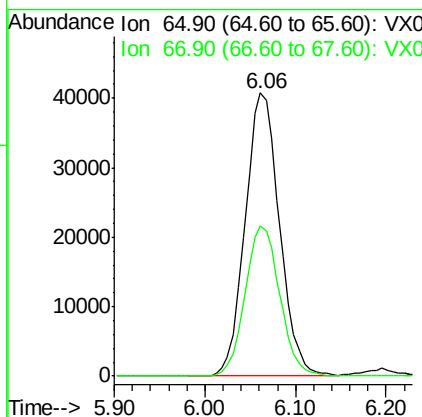
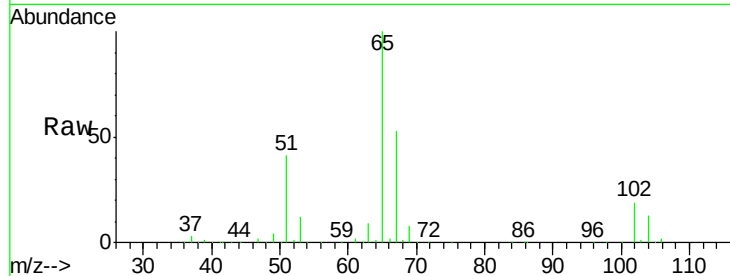
#33
 1,2-Dichloroethane-d4
 Concen: 45.997 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4

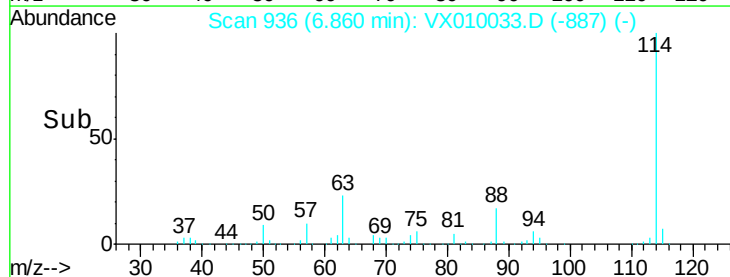
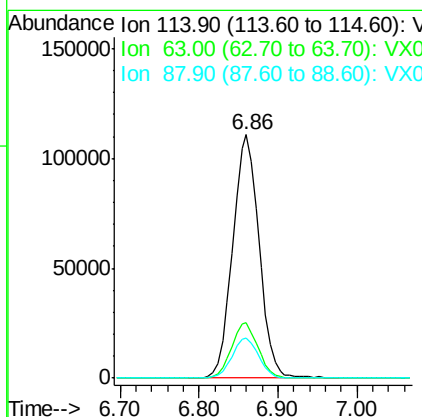
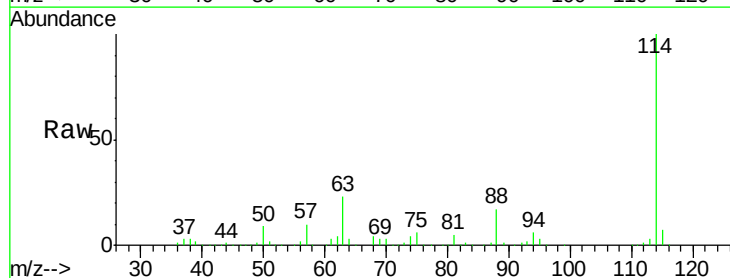
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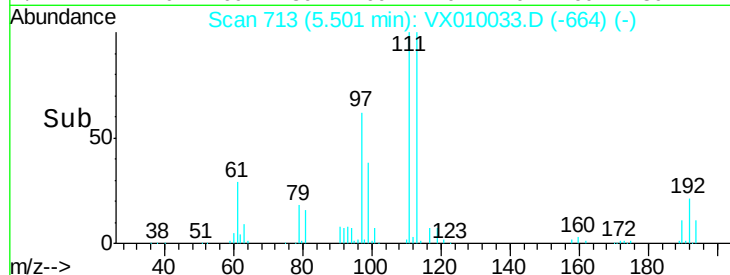
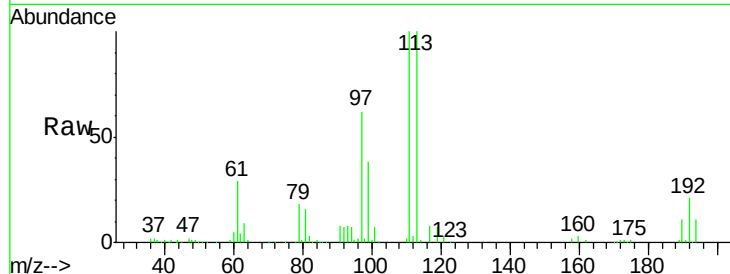
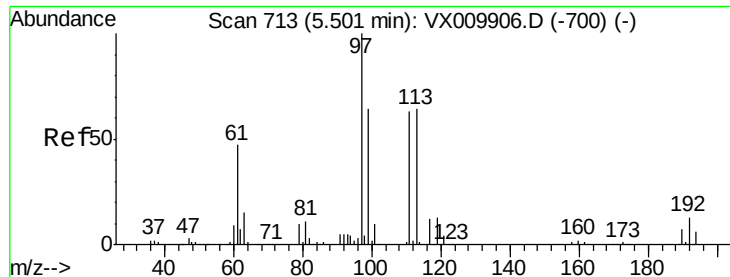
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 6/4/2019 11:30:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.4
88	16.7	0.0	33.0





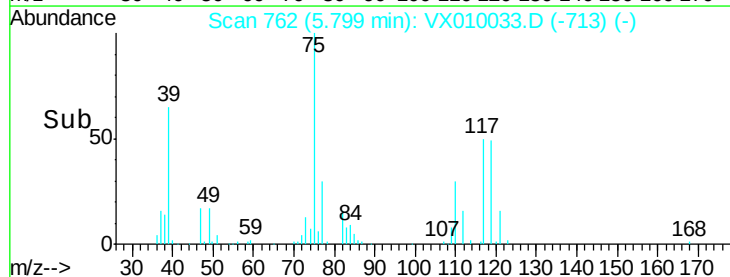
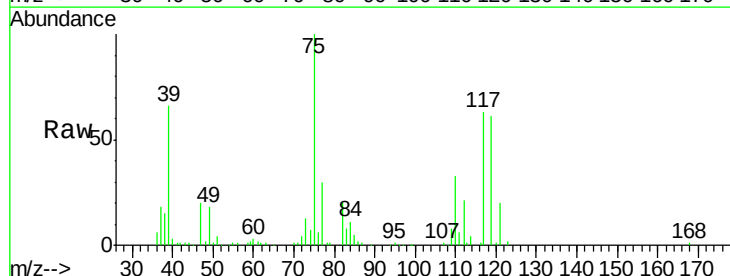
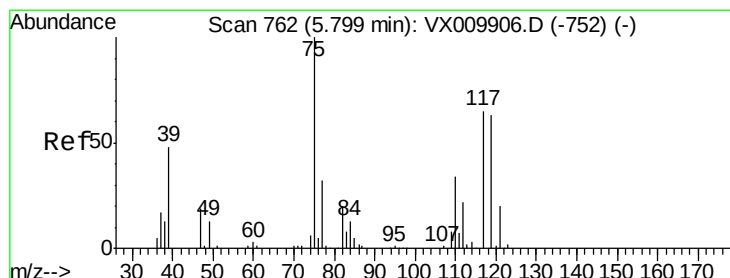
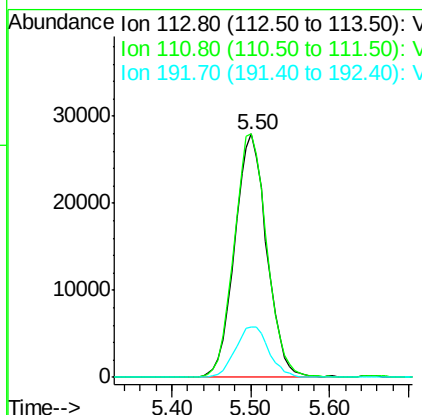
#35
Dibromofluoromethane
Concen: 48.578 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	78863		
111	102.3	82.2	123.2	
192	22.0	17.1	25.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

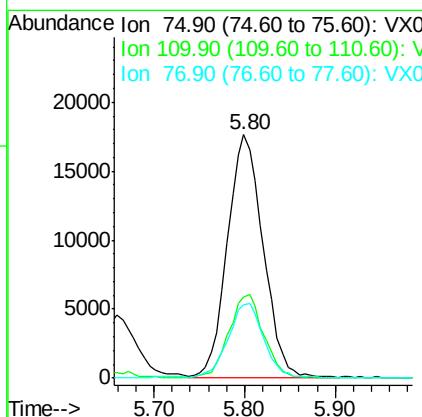
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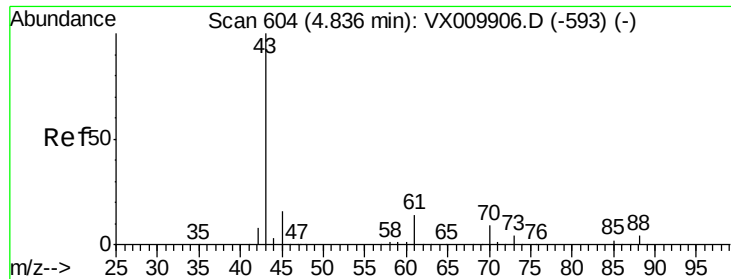
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#36
1,1-Dichloropropene
Concen: 18.254 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47824		
110	33.8	16.7	50.1	
77	31.2	25.0	37.4	





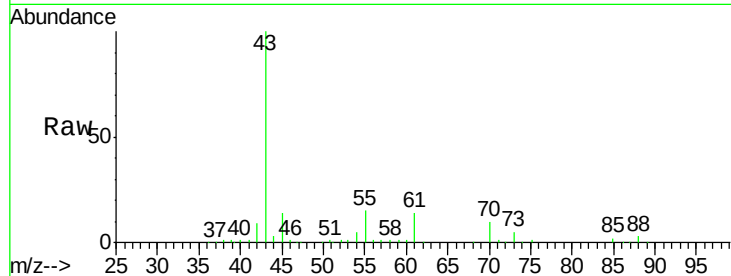
#37
Ethyl Acetate
Concen: 18.870 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

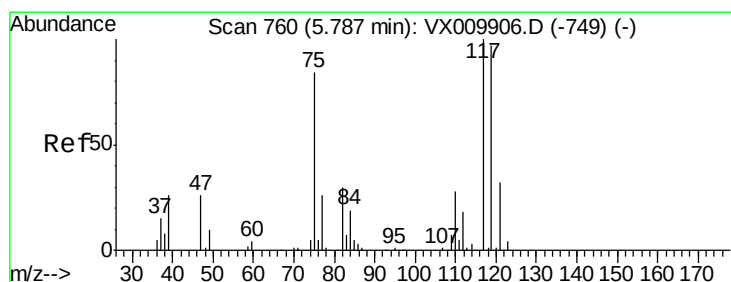
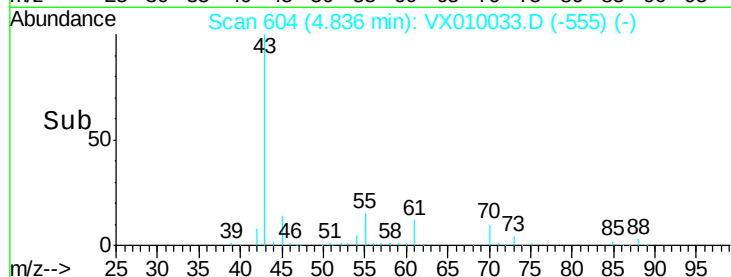
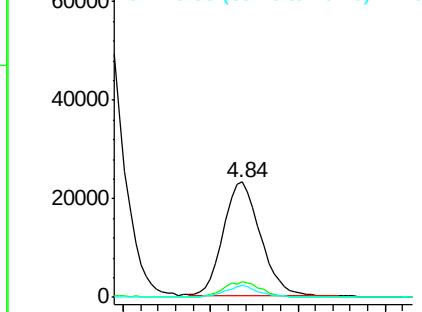
Tot Ion	43	Resp	68884
Ion Ratio	100	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	9.4	7.4	11.2

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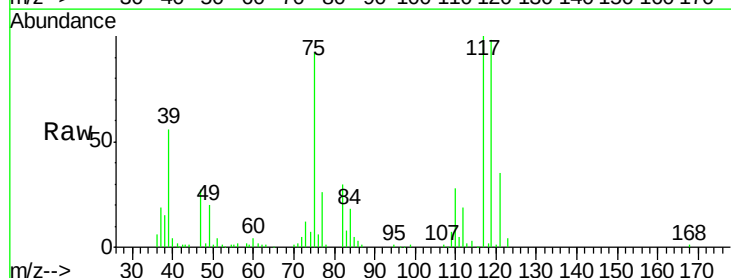


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

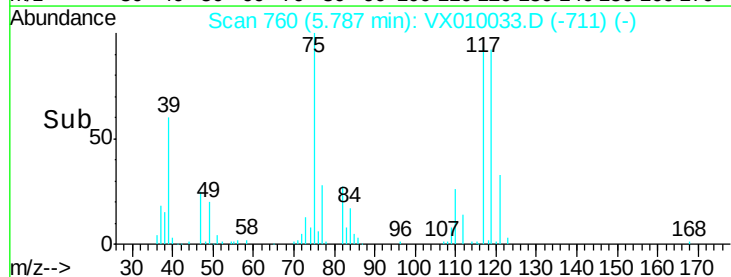
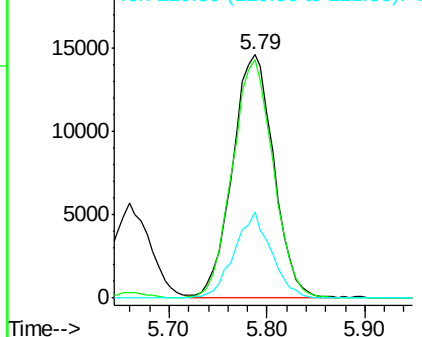


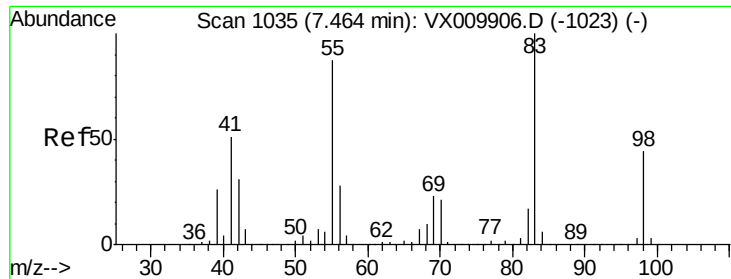
#38
Carbon Tetrachloride
Concen: 19.005 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	117	Resp	43026
Ion Ratio	100	Lower	Upper
117	100		
119	97.8	77.3	115.9
121	35.2	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





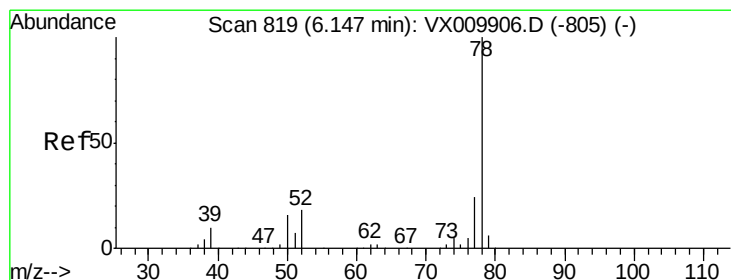
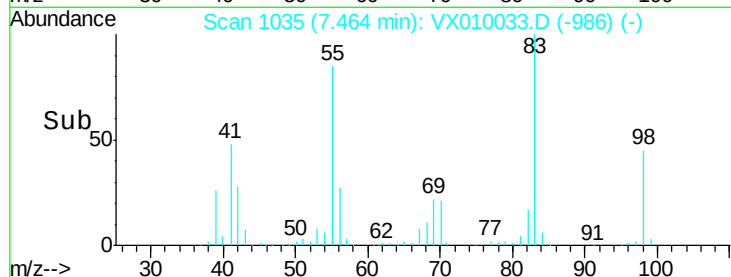
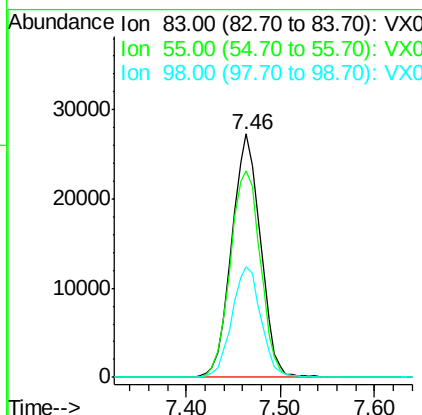
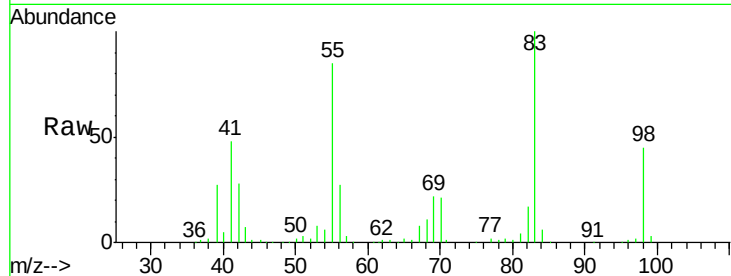
#39
Methylvlcyclohexane
Concen: 18.685 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	83	Resp	58068
Ion Ratio	Lower	Upper	
83	100		
55	84.7	69.9	104.9
98	45.1	35.1	52.7

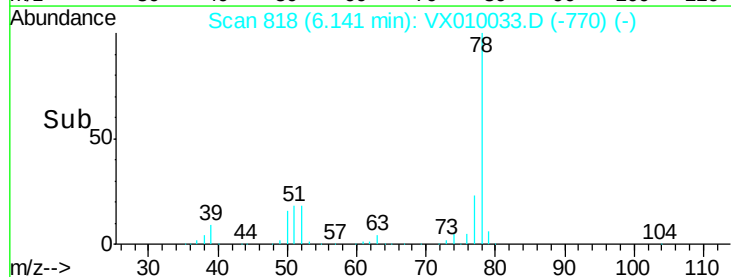
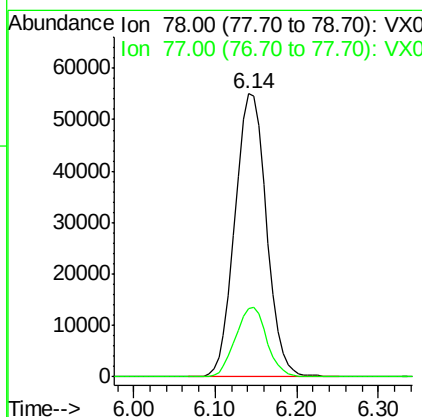
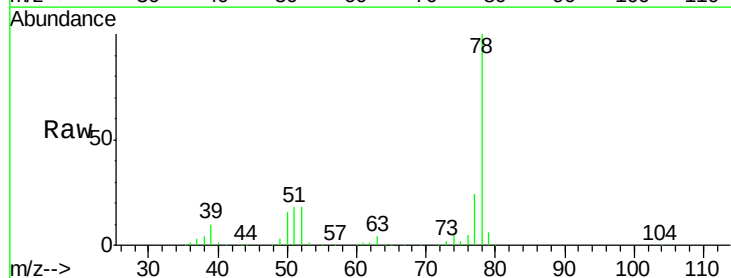
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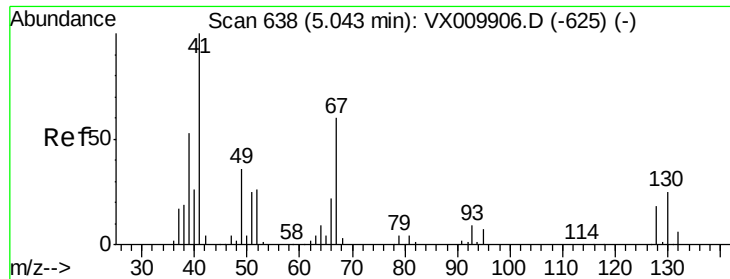
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#40
Benzene
Concen: 19.057 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	78	Resp	148107
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 18.446 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

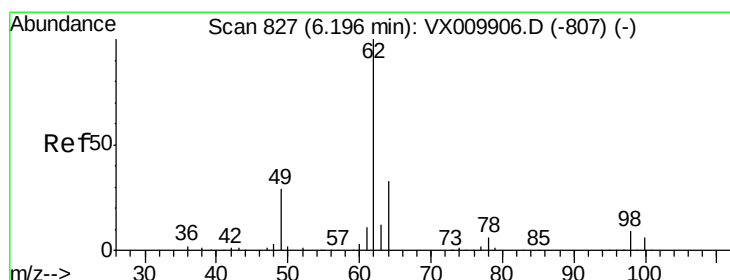
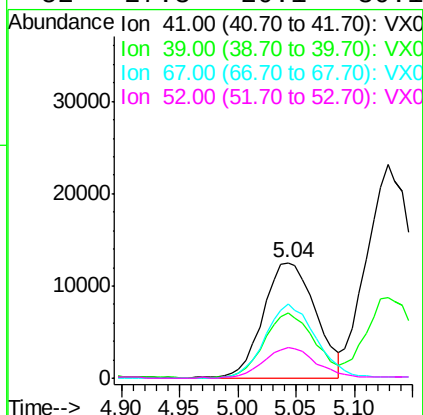
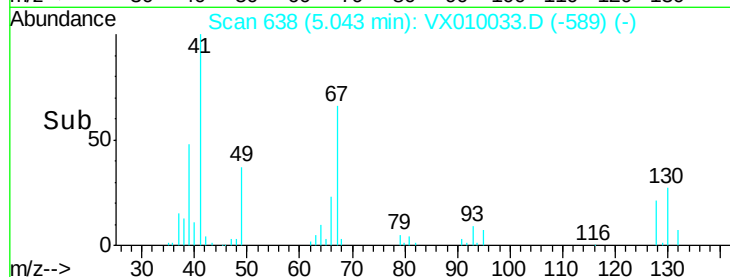
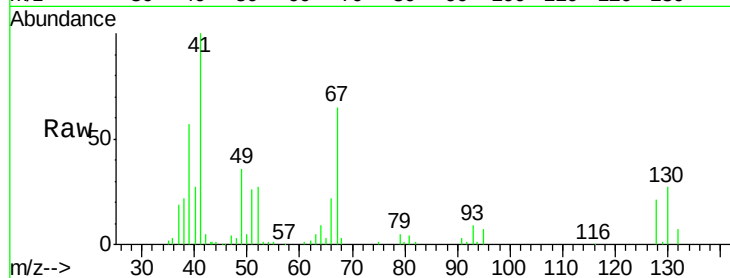
ClientSampleId :

VX0603WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	42.2	63.4	
67	62.2	48.9	73.3	
52	27.3	20.1	30.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.893 ug/l

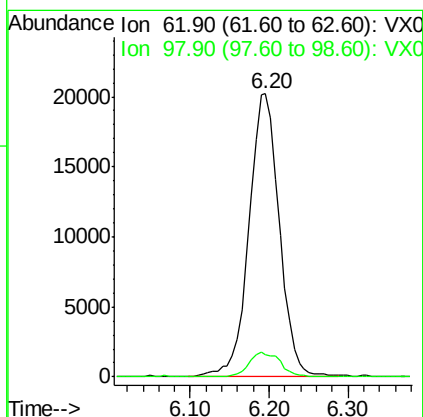
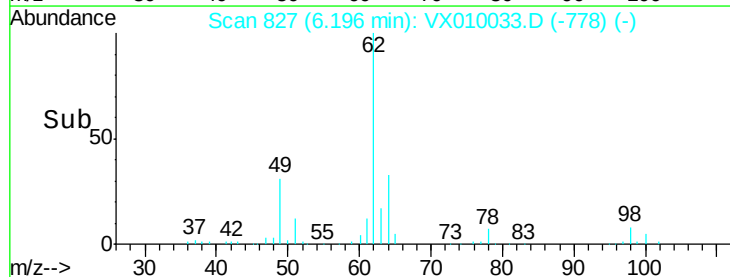
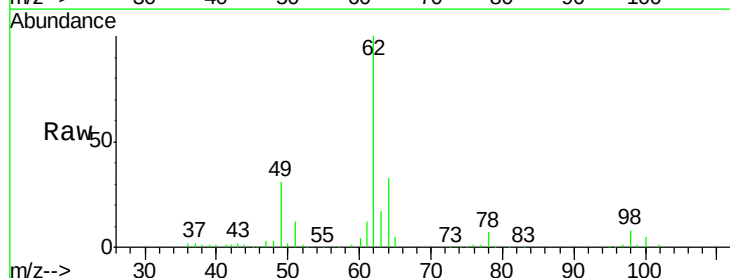
RT: 6.20 min Scan# 827

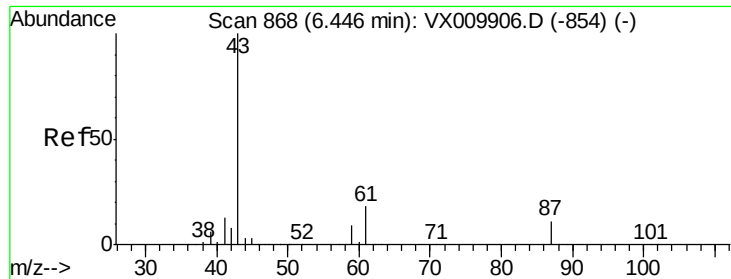
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.2	





#43

Isopropyl Acetate

Concen: 18.385 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

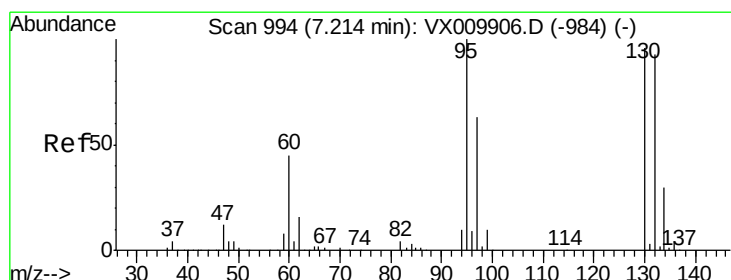
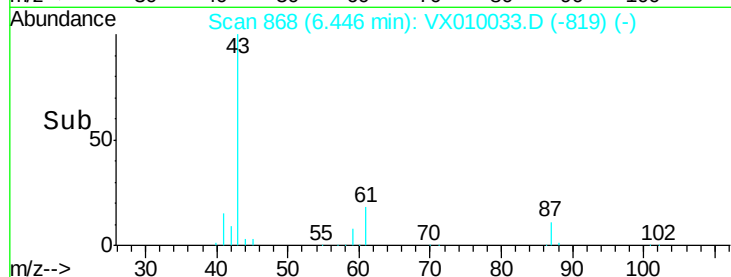
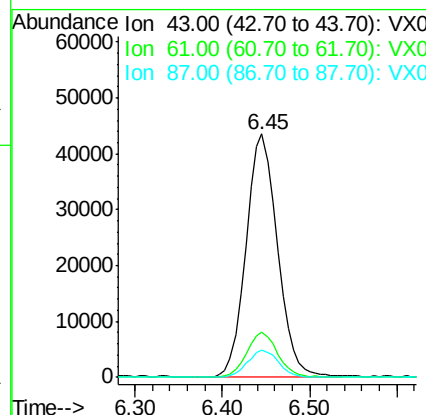
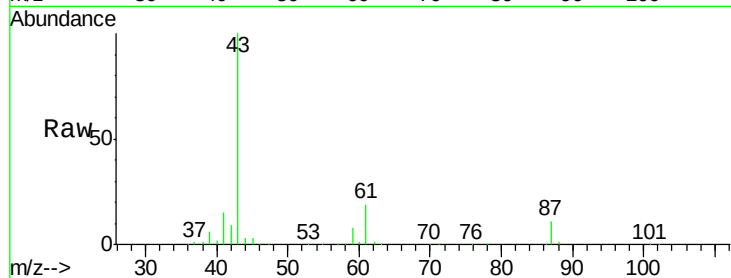
ClientSampleId :

VX0603WBSD01

Tot Ion:	43	Resp:	108293
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.6	21.8
87	11.2	8.7	13.1

Manual Integrations
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#44

Trichloroethene

Concen: 18.599 ug/l

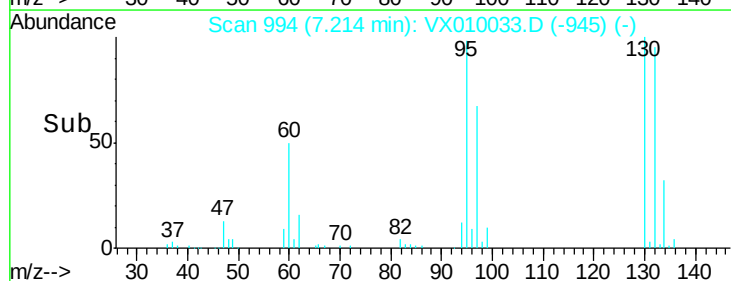
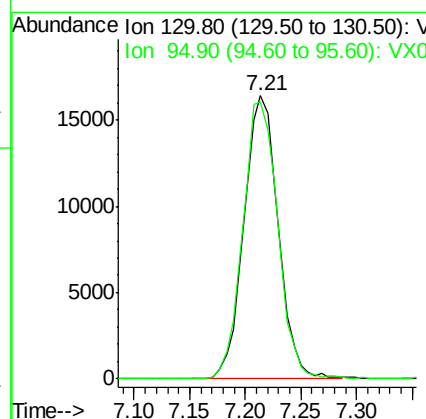
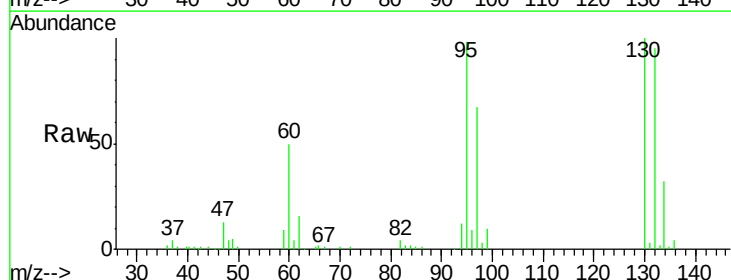
RT: 7.21 min Scan# 994

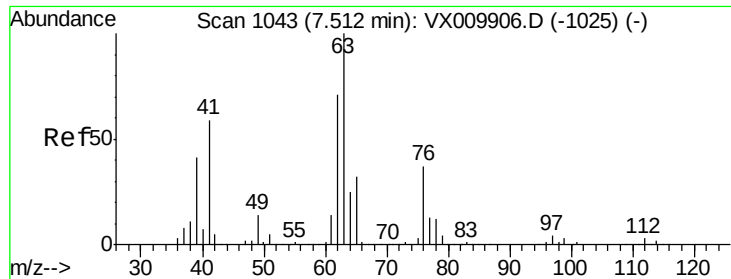
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	130	Resp:	35112
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	207.4





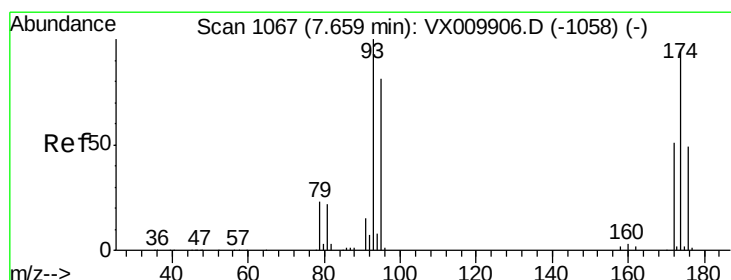
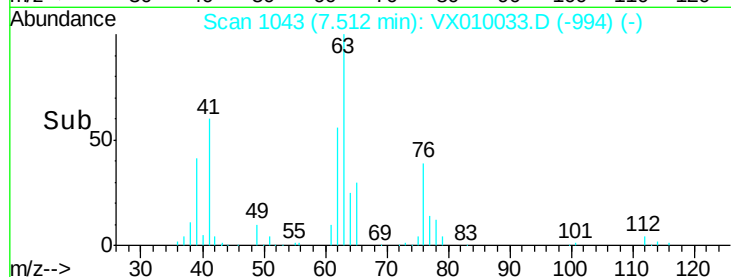
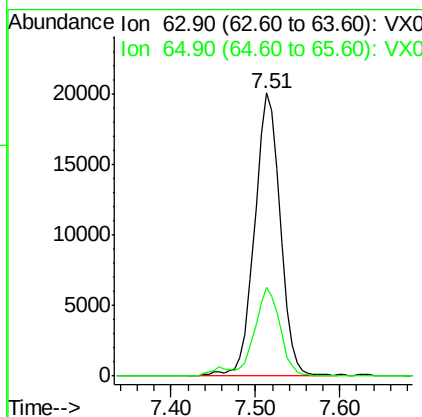
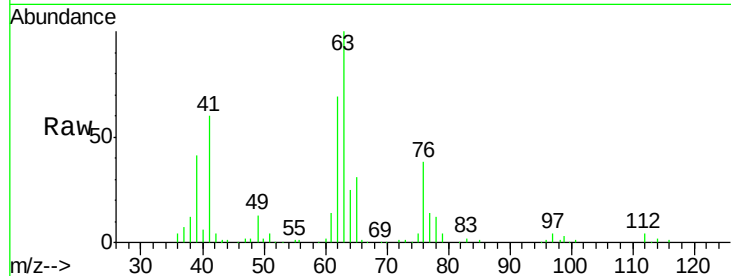
#45
 1,2-Dichloropropane
 Concen: 18.716 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBSD01

Tot Ion: 63 Resp: 41872
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.7 38.5

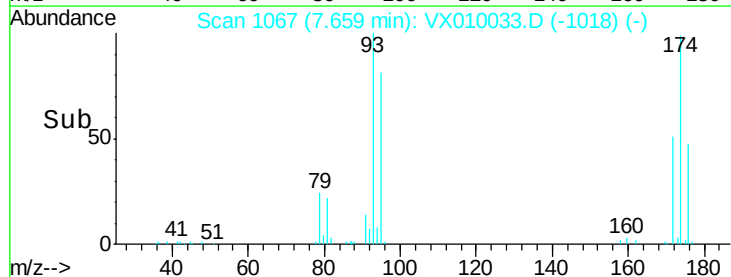
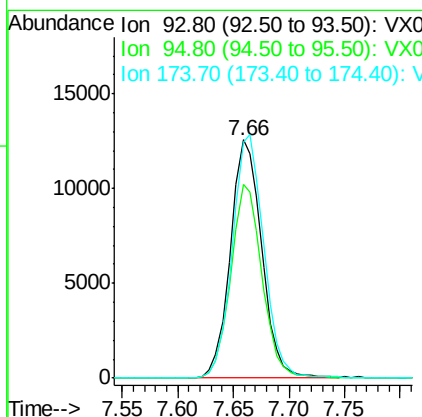
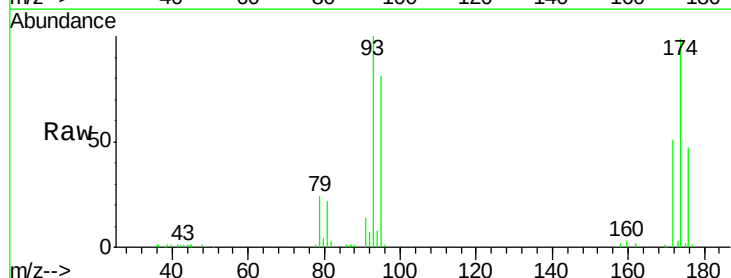
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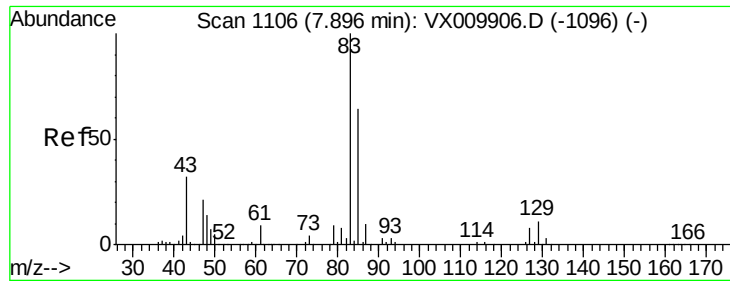
MMDadoda
 6/4/2019 11:30:03 AM



#46
 Dibromomethane
 Concen: 18.578 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 93 Resp: 24466
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.8 100.2
 174 102.7 81.9 122.9





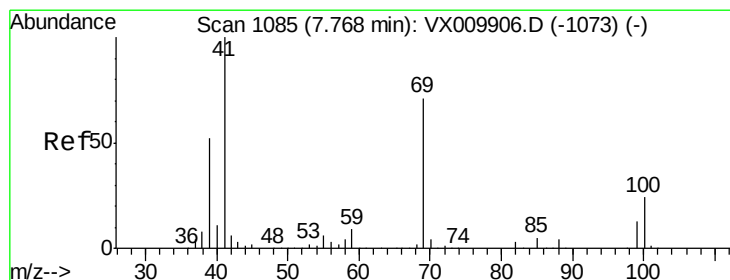
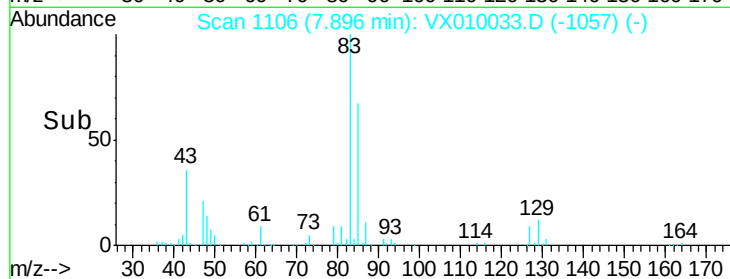
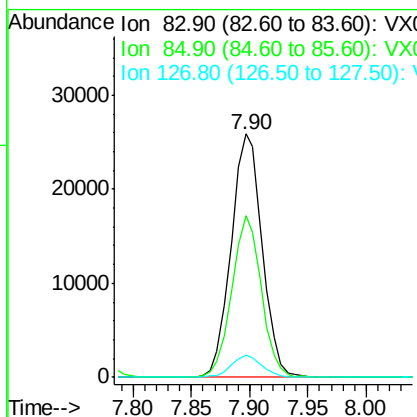
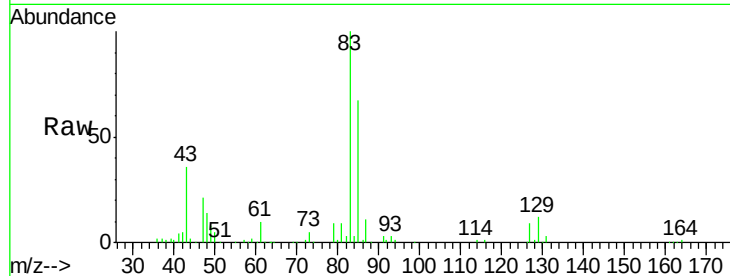
#47
Bromodichloromethane
Concen: 19.162 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampled :
VX0603WBSD01

Tot Ion	83	Resp	47987
Ion Ratio	100		
85	66.6	51.4	77.2
127	8.9	6.4	9.6

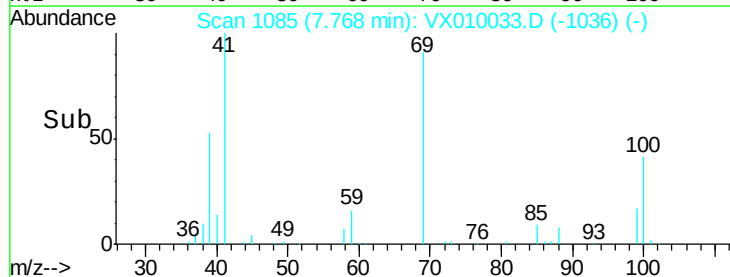
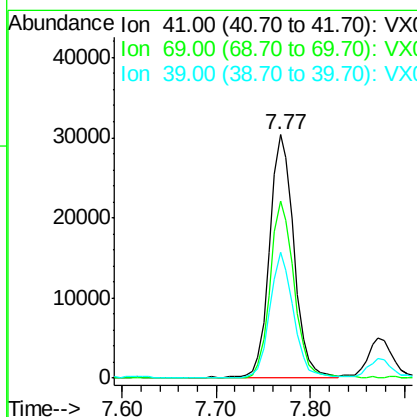
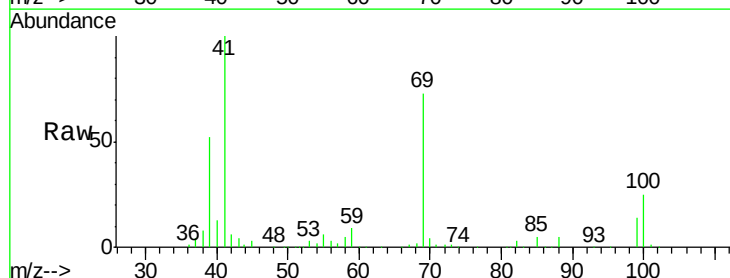
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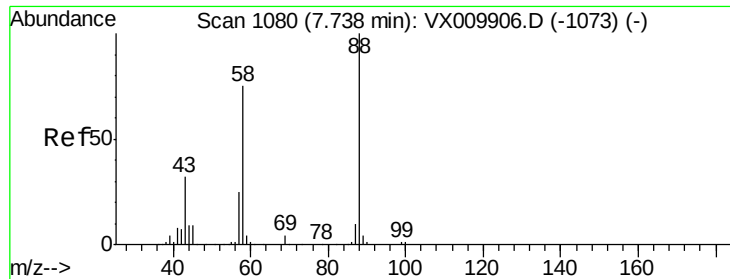
MMDadoda
6/4/2019 11:30:03 AM



#48
Methyl methacrylate
Concen: 18.764 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	41	Resp	54713
Ion Ratio	100		
69	72.5	56.4	84.6
39	50.3	40.6	60.8





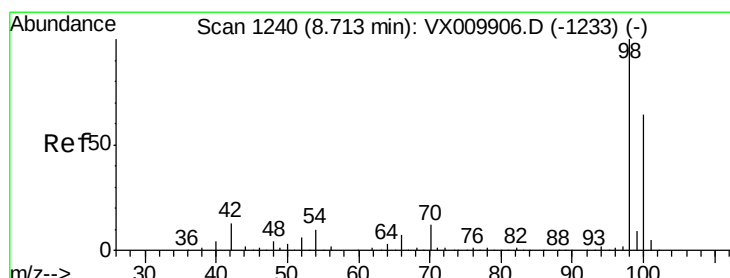
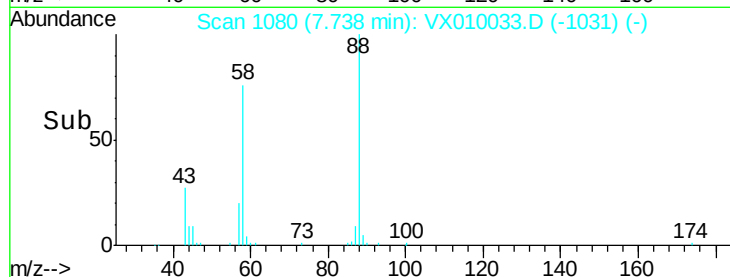
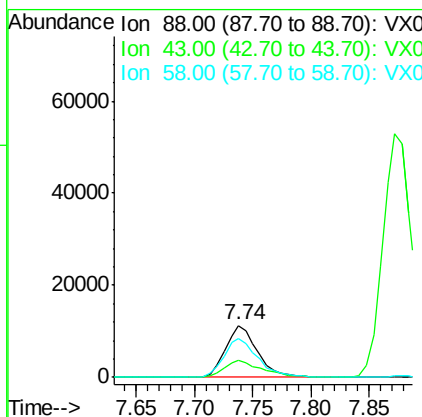
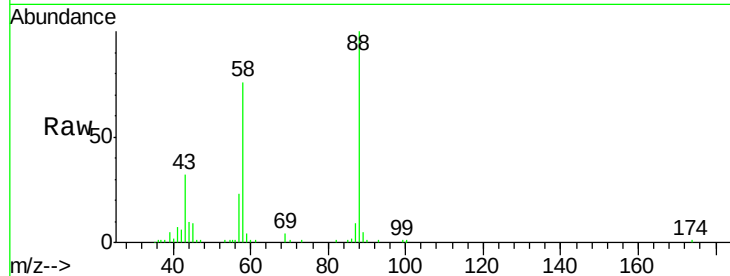
#49
1,4-Dioxane
Concen: 398.683 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampled :
VX0603WBSD01

Tot Ion	88	Resp	21624
Ion	Ratio	Lower	Upper
88	100		
43	36.2	30.2	45.4
58	80.1	64.0	96.0

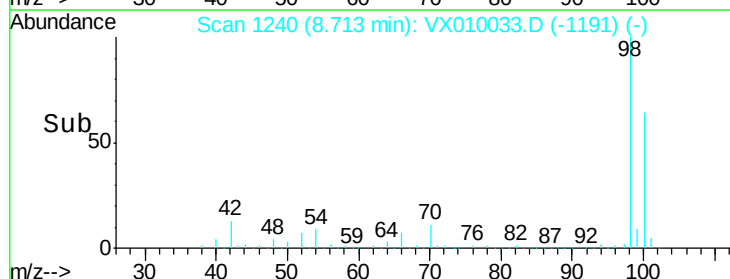
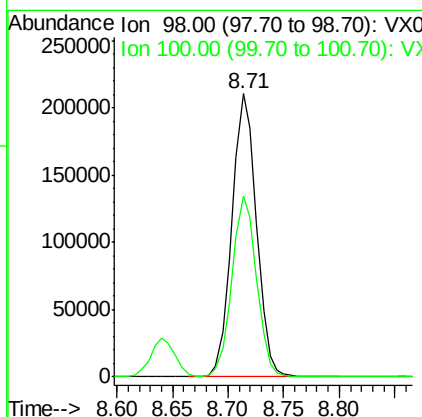
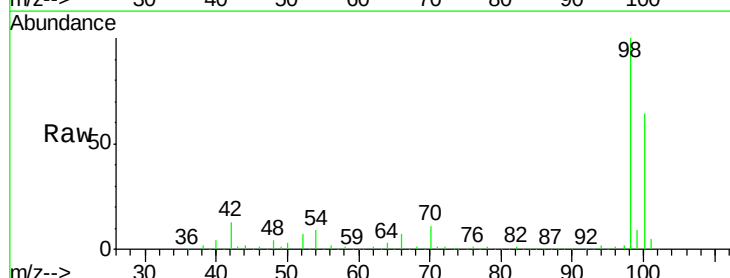
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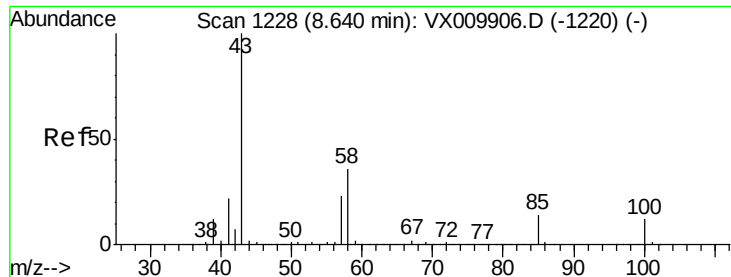
MMDadoda
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#50
Toluene-d8
Concen: 48.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	98	Resp	320810
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 95.962 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 43 Resp: 367697

Ion Ratio Lower Upper

43 100

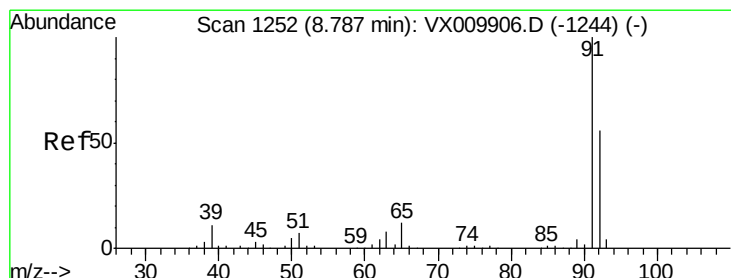
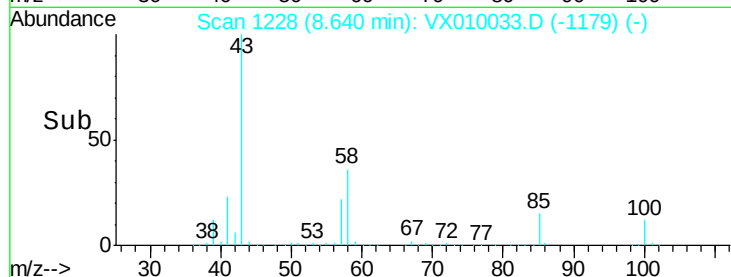
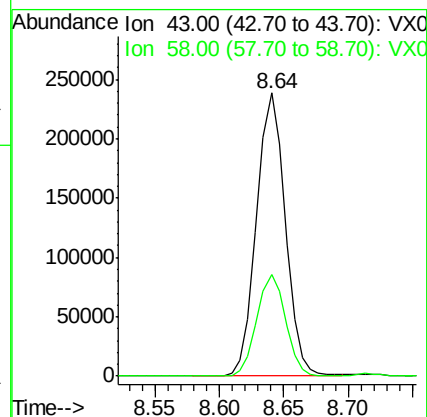
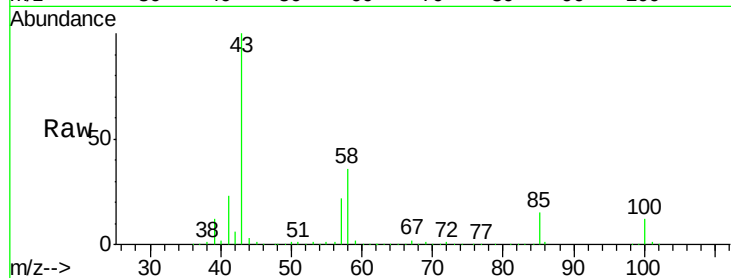
58 36.0 28.8 43.2

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 19.248 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010033.D

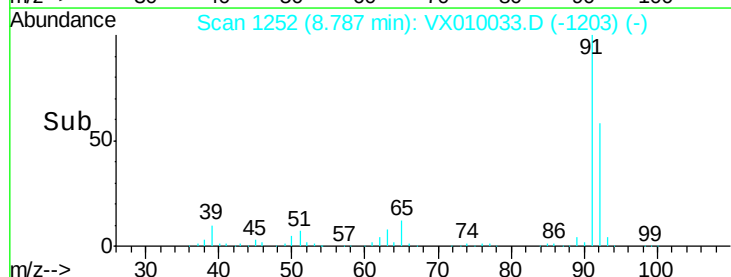
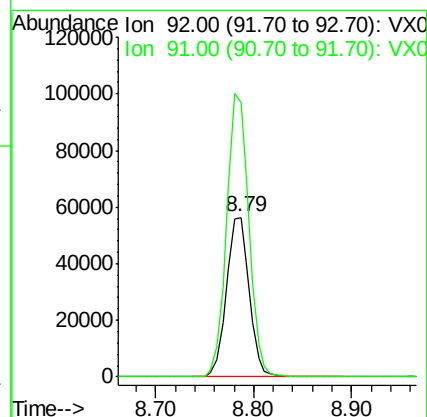
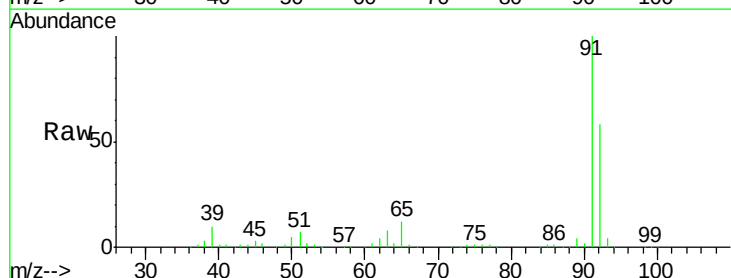
Acq: 03 Jun 2019 14:04

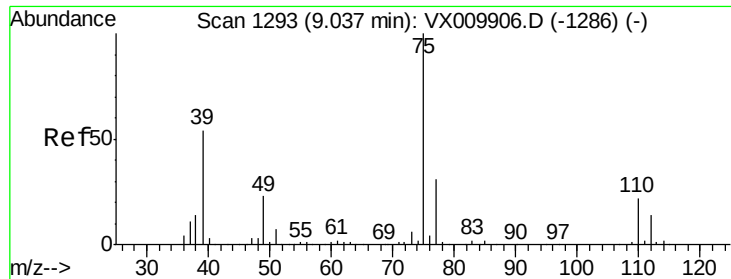
Tgt Ion: 92 Resp: 90826

Ion Ratio Lower Upper

92 100

91 174.4 139.9 209.9





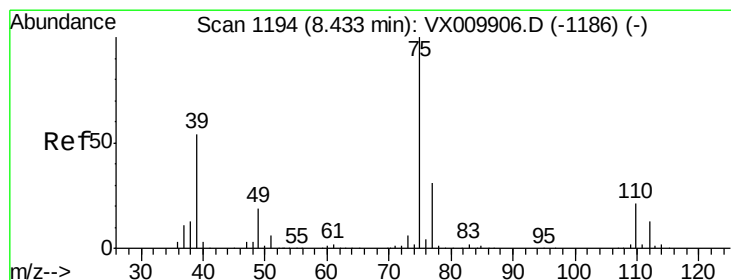
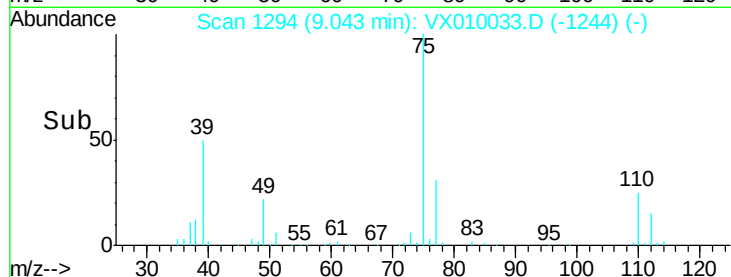
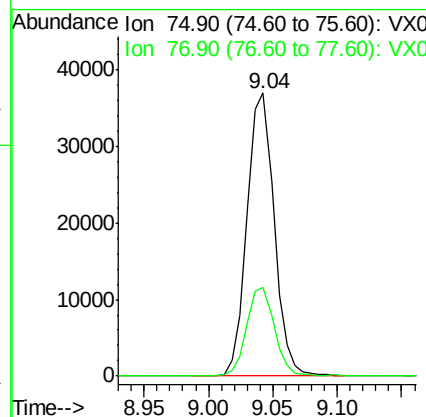
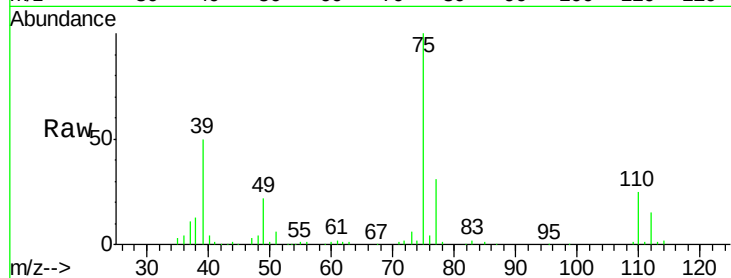
#53
t-1,3-Dichloropropene
Concen: 17.927 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8

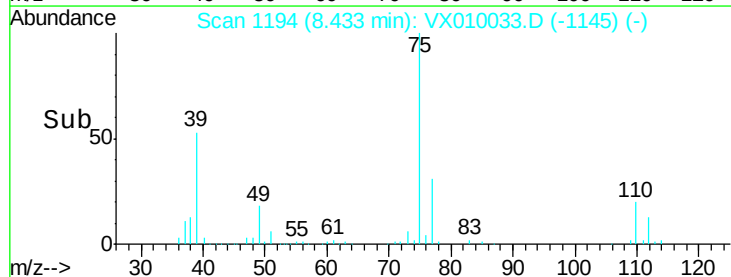
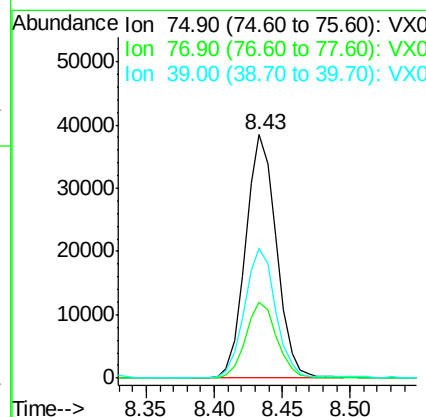
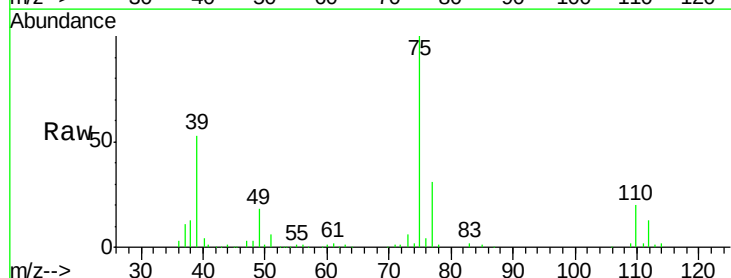
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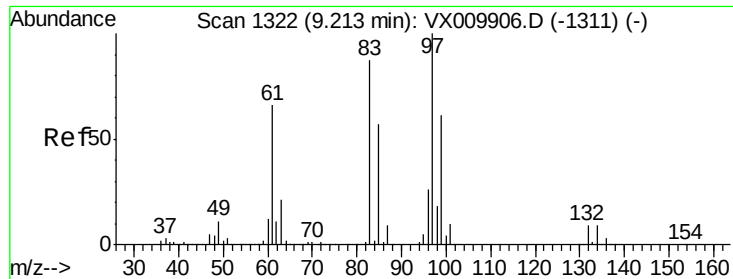
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.677 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	53.0	43.4	65.0





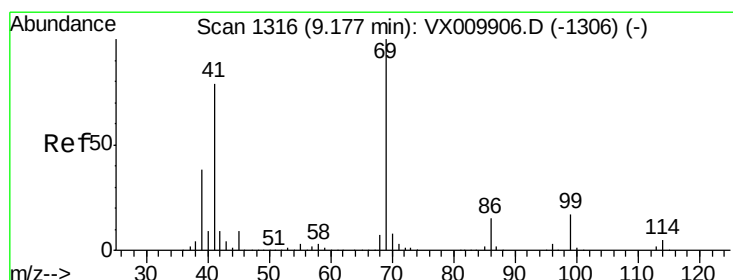
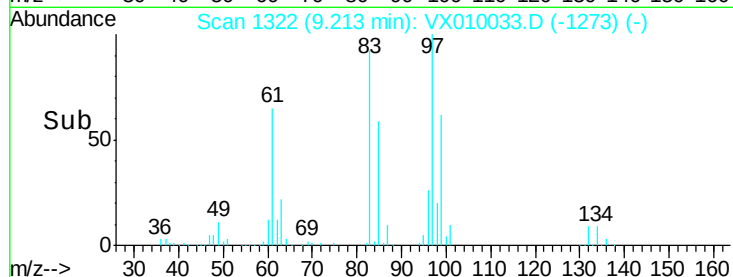
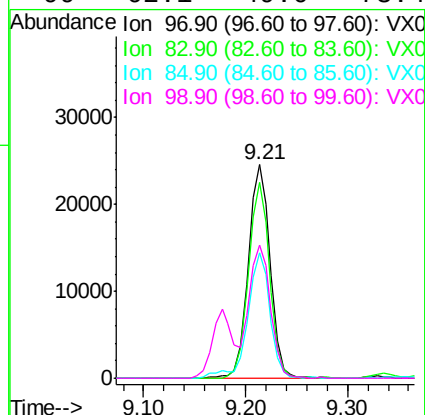
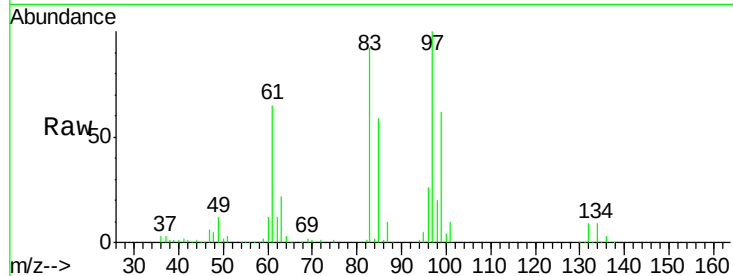
#55
1,1,2-Trichloroethane
Concen: 19.238 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion:	97	Resp:	36538
Ion	Ratio	Lower	Upper
97	100		
83	91.5	69.8	104.8
85	58.6	45.3	67.9
99	62.1	49.0	73.4

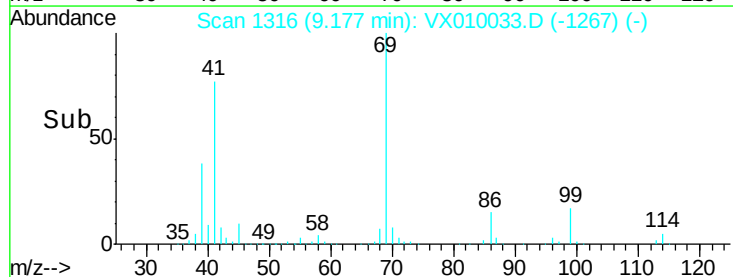
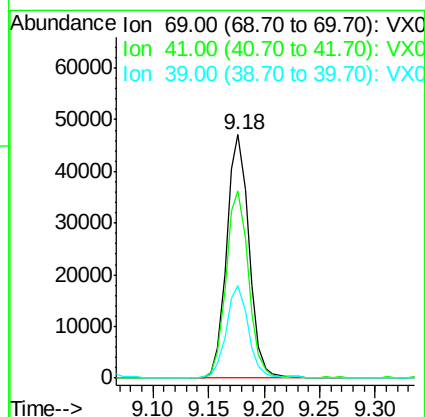
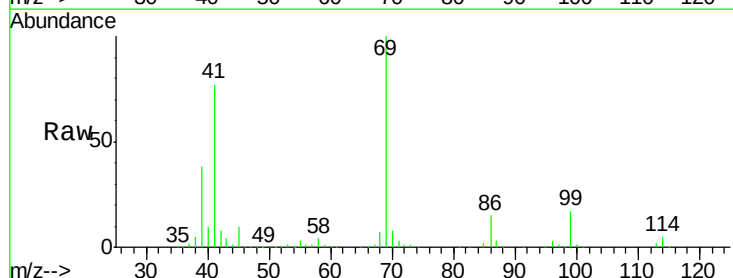
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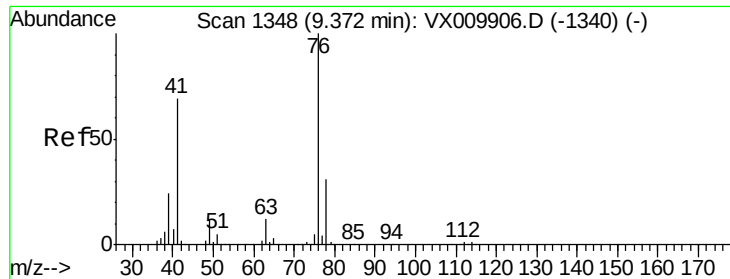
MMDadoda
6/4/2019 11:30:03 AM



#56
Ethyl methacrylate
Concen: 19.444 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:	69	Resp:	65746
Ion	Ratio	Lower	Upper
69	100		
41	77.3	62.7	94.1
39	37.6	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.787 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 76 Resp: 64079

Ion Ratio Lower Upper

76 100

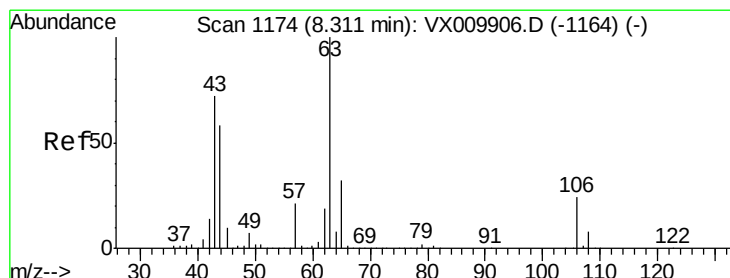
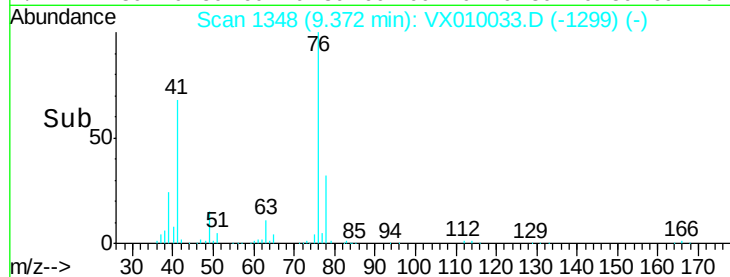
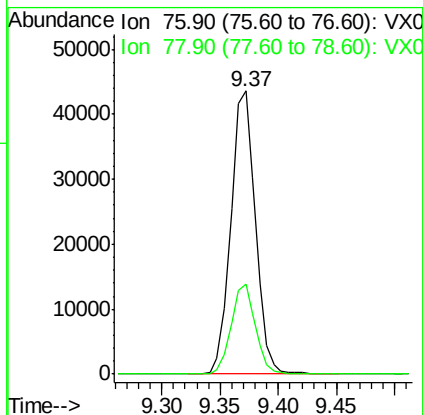
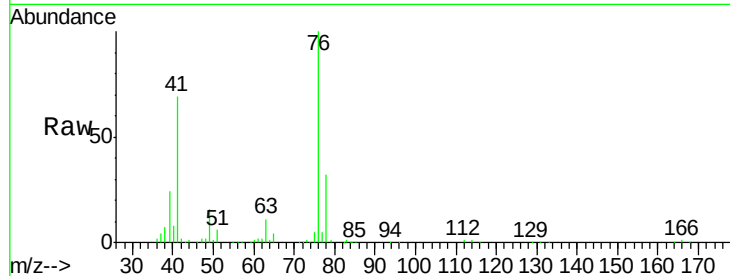
78 31.4 25.4 38.0

Manual Integrations

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6/4/2019 11:30:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 90.254 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010033.D

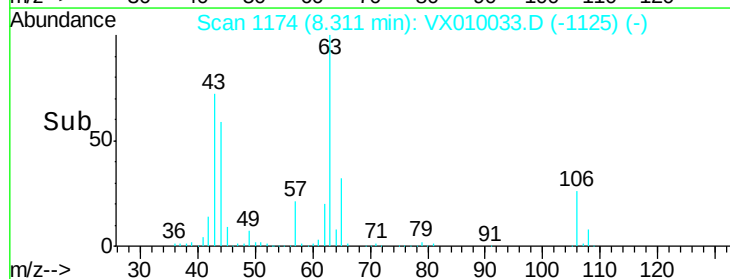
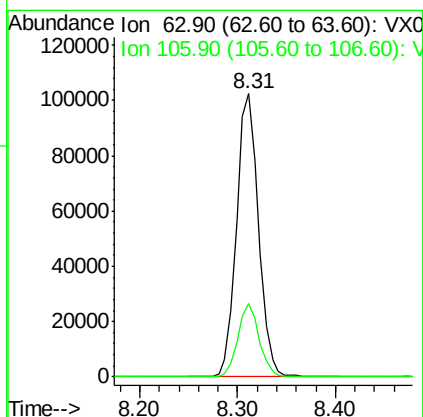
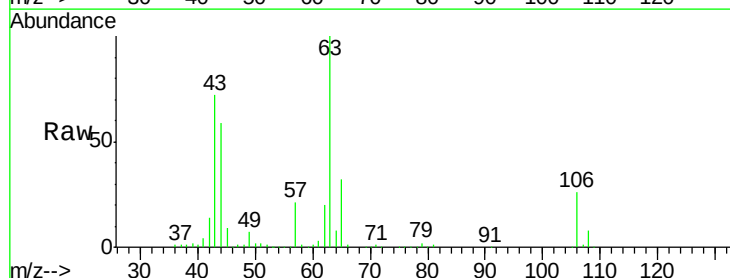
Acq: 03 Jun 2019 14:04

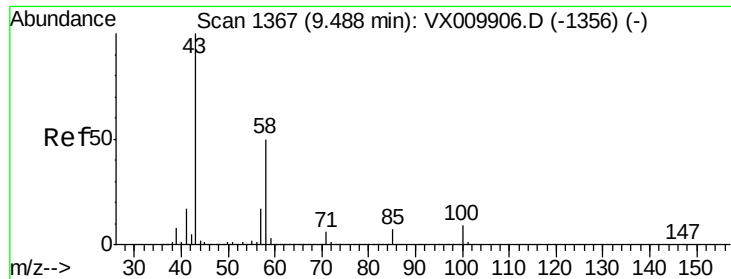
Tgt Ion: 63 Resp: 160024

Ion Ratio Lower Upper

63 100

106 25.1 19.4 29.2





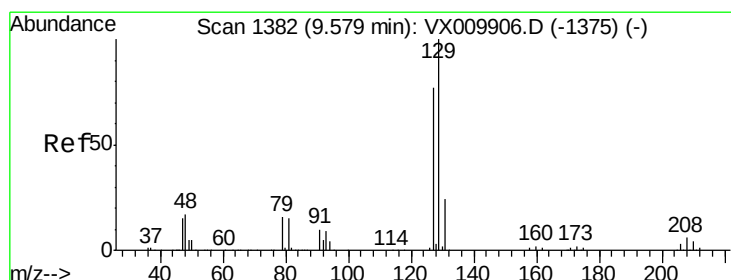
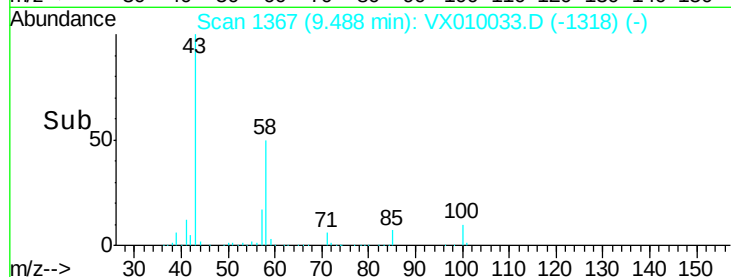
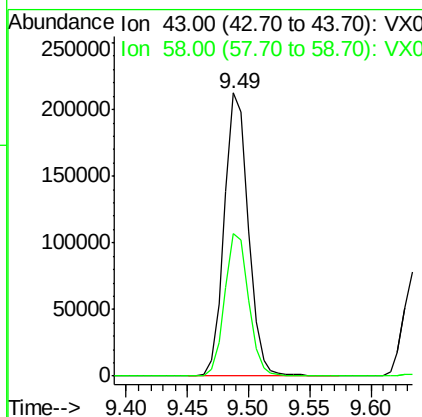
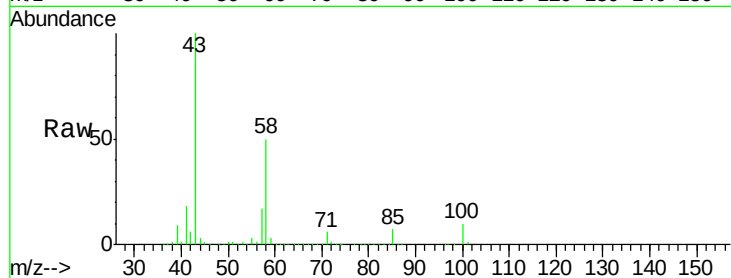
#59
2-Hexanone
Concen: 97.693 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion: 43 Resp: 288198
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3

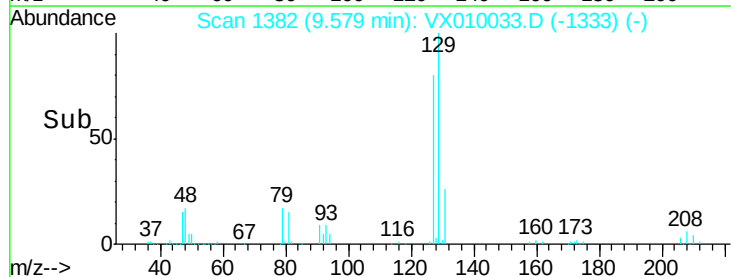
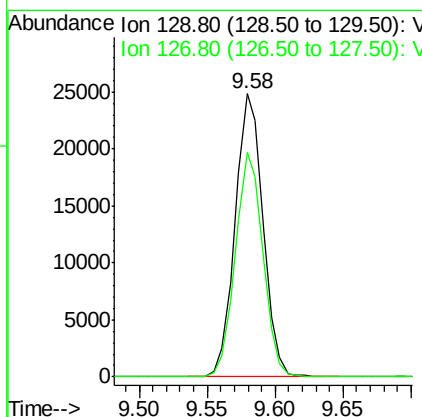
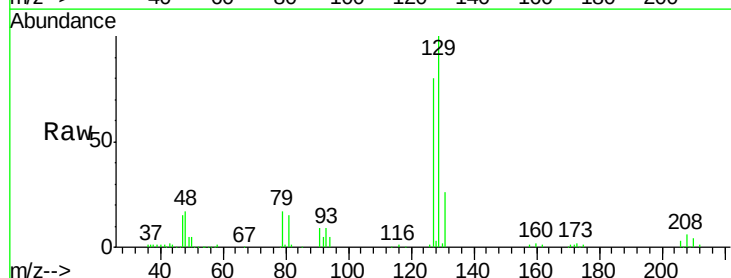
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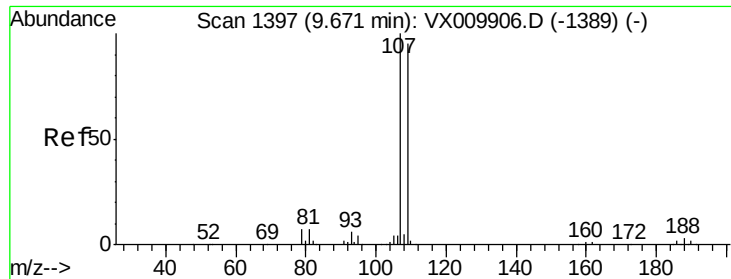
MMDadoda
6/4/2019 11:30:03 AM



#60
Dibromochloromethane
Concen: 18.911 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 129 Resp: 35332
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.121 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion:107 Resp: 37309

Ion Ratio Lower Upper

107 100

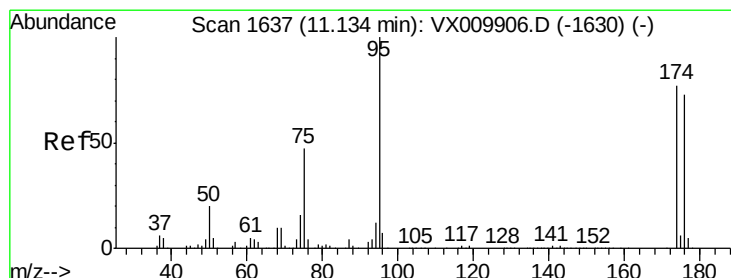
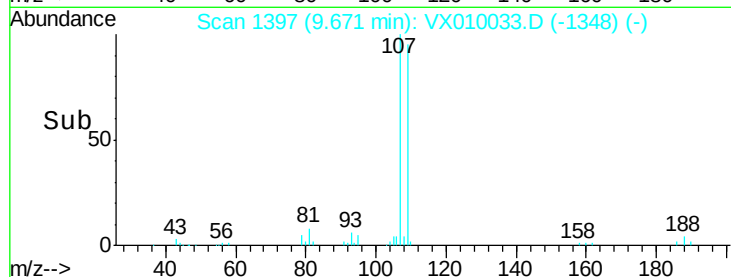
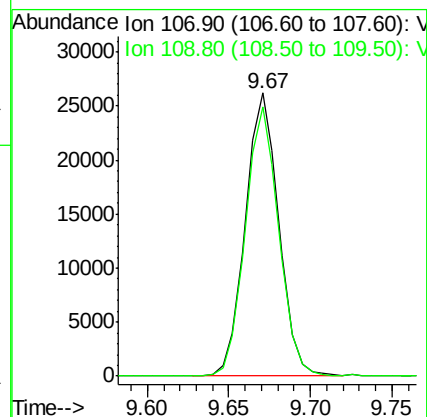
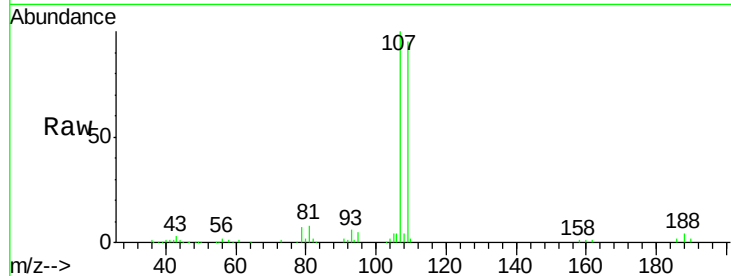
109 95.1 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 48.662 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

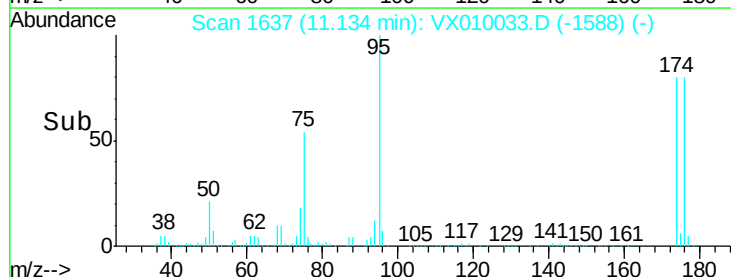
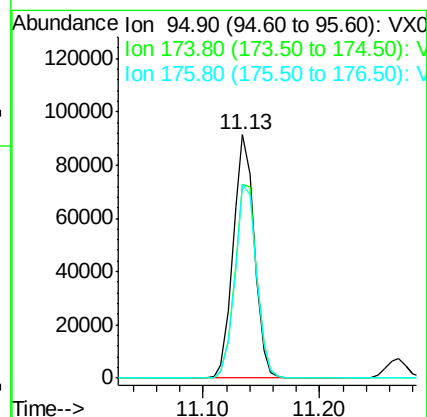
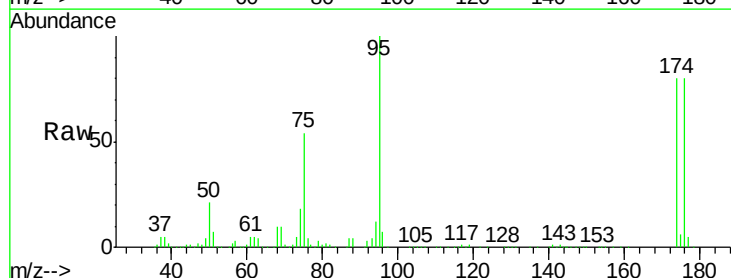
Tgt Ion: 95 Resp: 115225

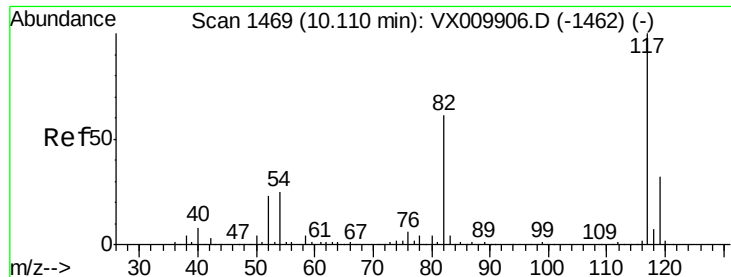
Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

176 81.2 0.0 154.6





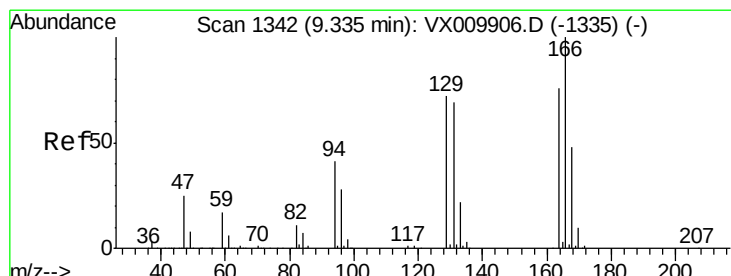
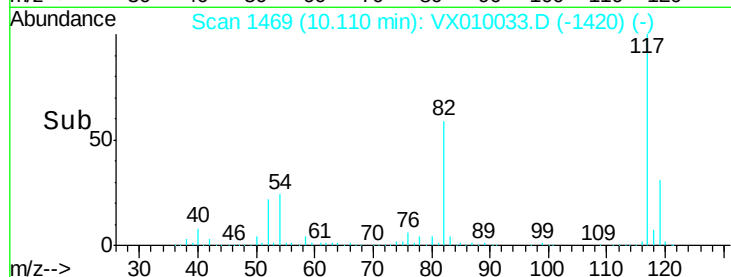
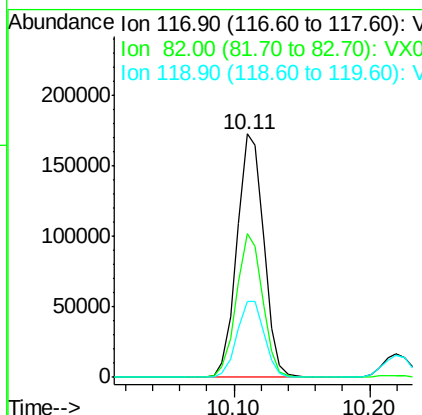
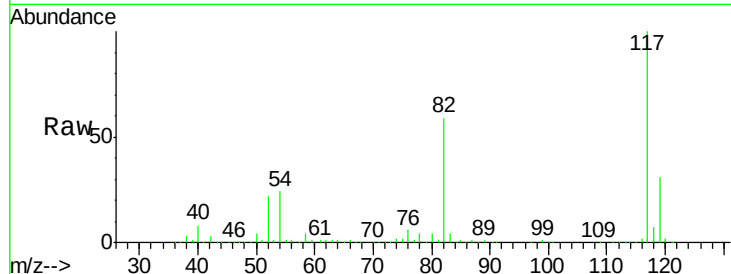
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	49.2	73.8
119	31.4	25.2	37.8

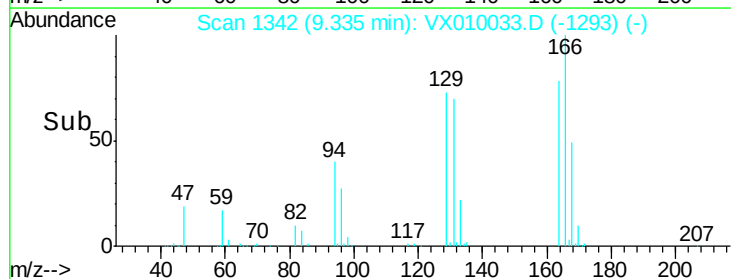
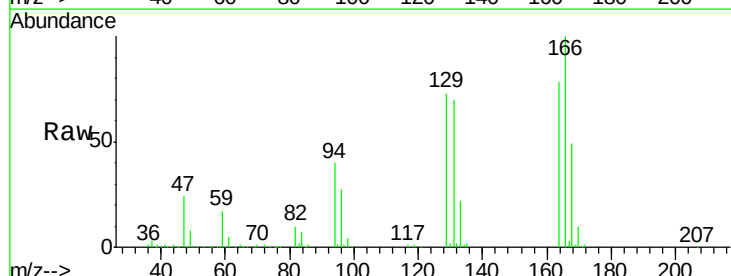
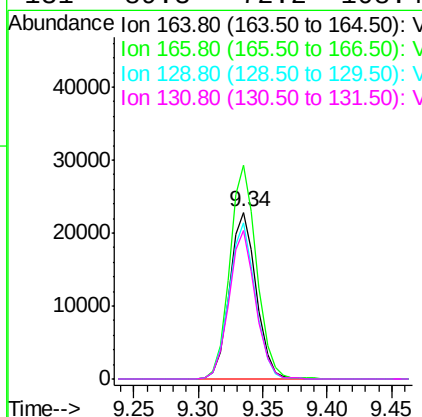
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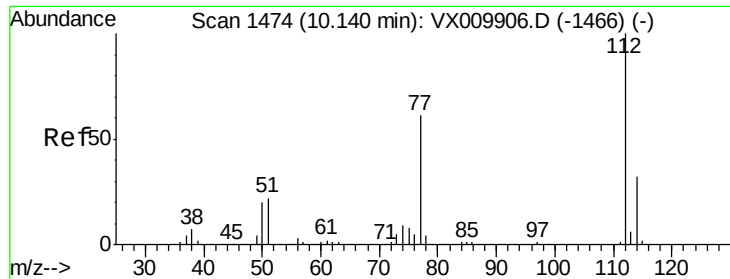
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#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	105.0	157.4
129	93.5	75.1	112.7
131	89.3	72.2	108.4





#65

Chlorobenzene

Concen: 19.073 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion:112 Resp: 94458

Ion Ratio Lower Upper

112 100

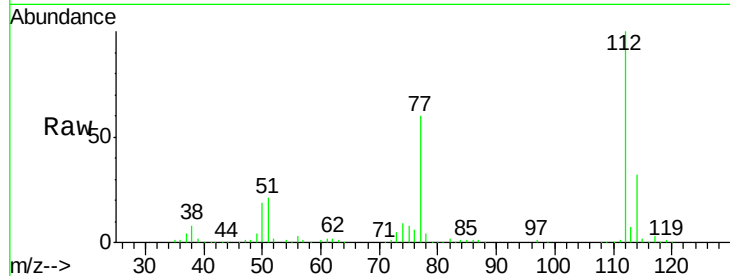
114 32.4 25.8 38.8

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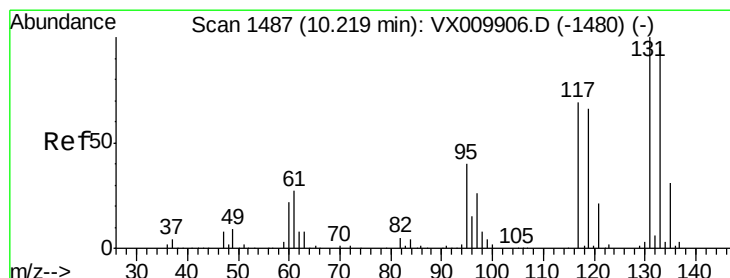
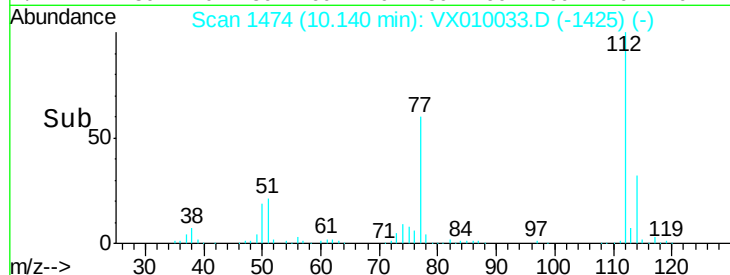
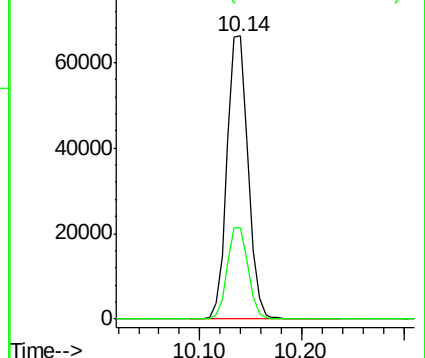
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.308 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

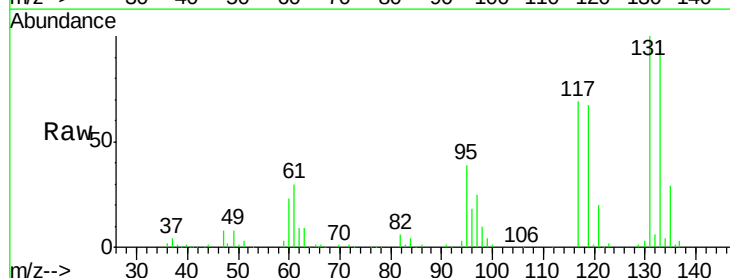
Tgt Ion:131 Resp: 33165

Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.6

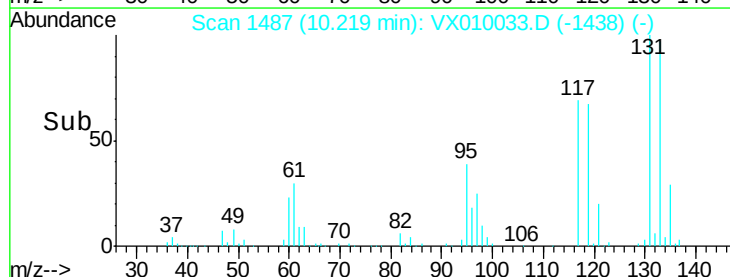
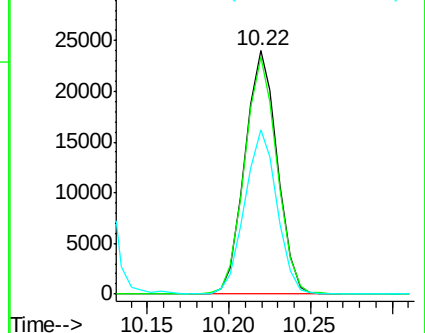
119 67.5 33.4 100.1

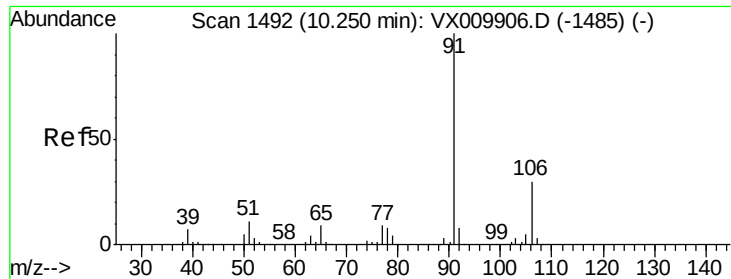


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.234 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion: 91 Resp: 171027

Ion Ratio Lower Upper

91 100

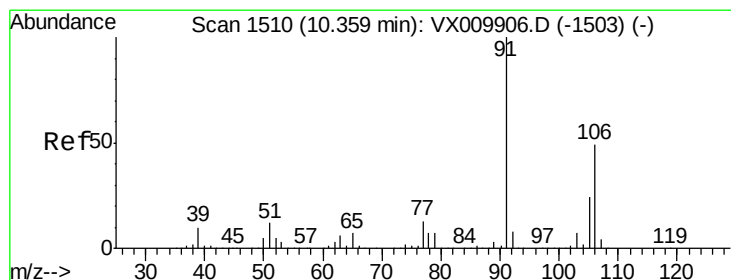
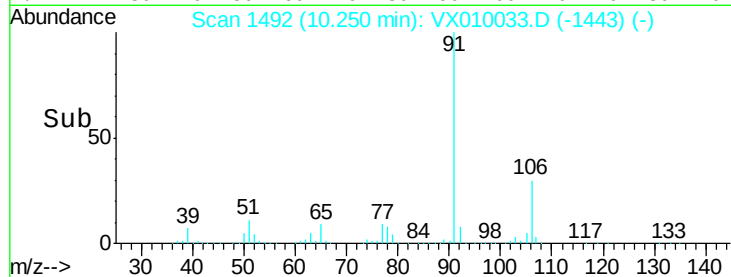
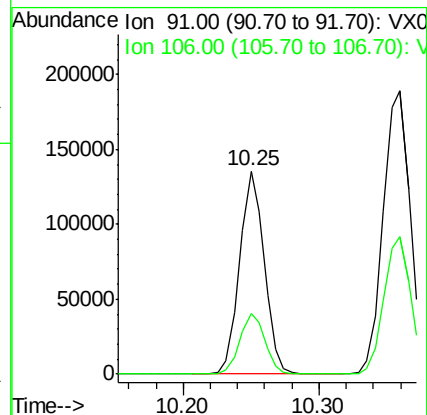
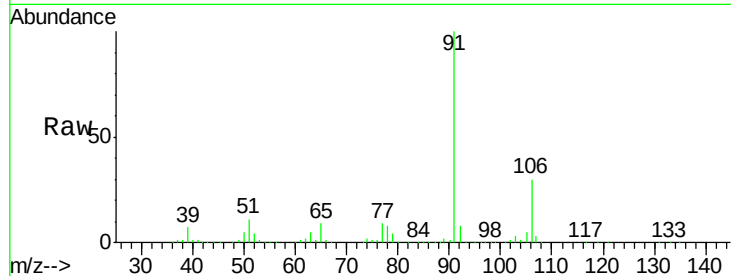
106 29.5 23.9 35.9

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#68

m/p-Xylenes

Concen: 38.380 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010033.D

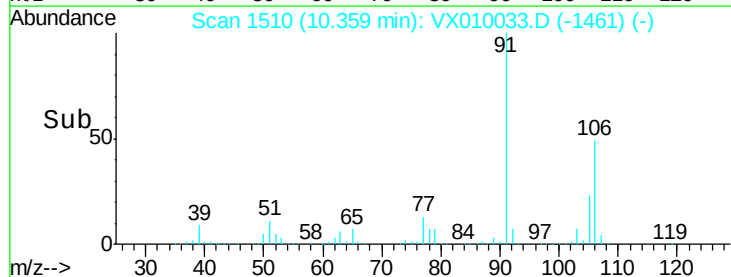
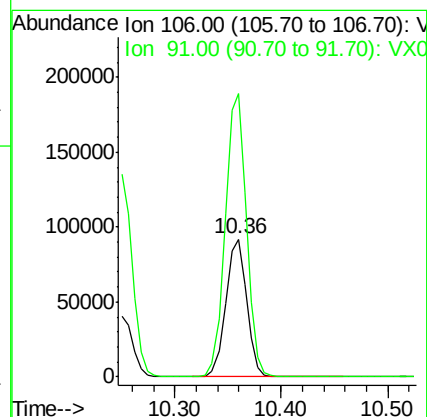
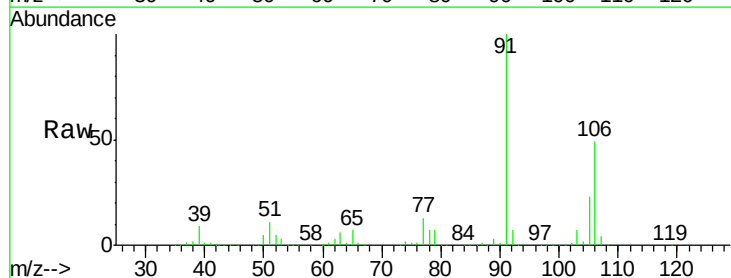
Acq: 03 Jun 2019 14:04

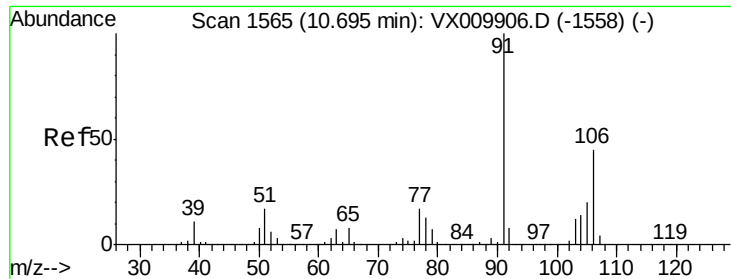
Tgt Ion: 106 Resp: 126078

Ion Ratio Lower Upper

106 100

91 208.2 167.3 250.9





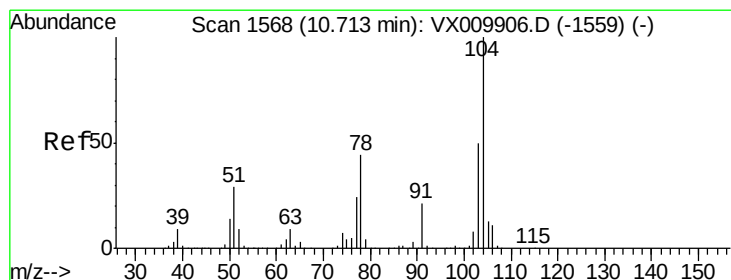
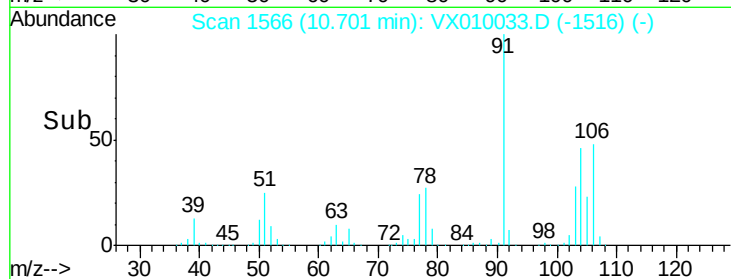
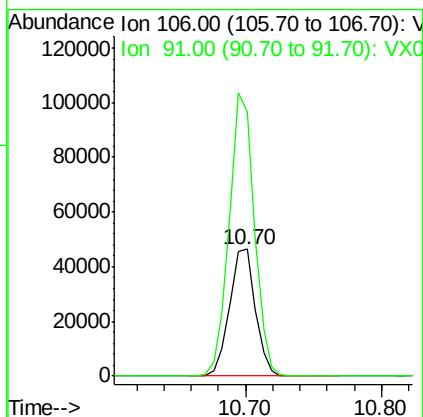
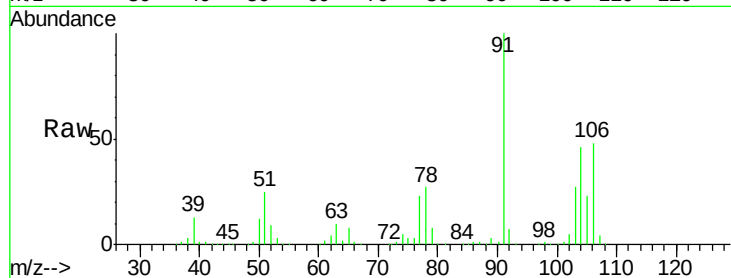
#69
o-Xylene
Concen: 19.518 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion:106 Resp: 61491
Ion Ratio Lower Upper
106 100
91 218.3 110.4 331.2

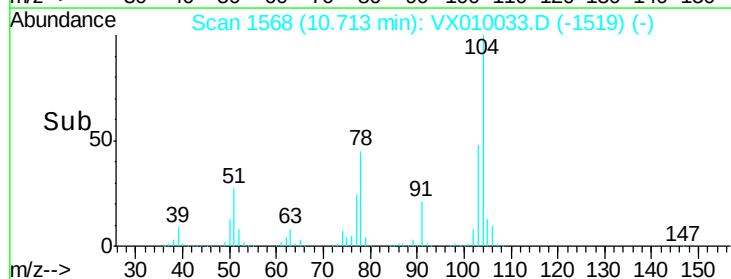
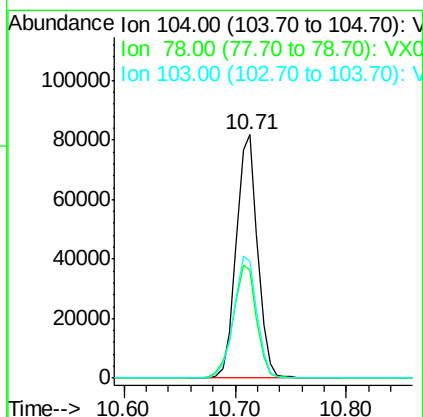
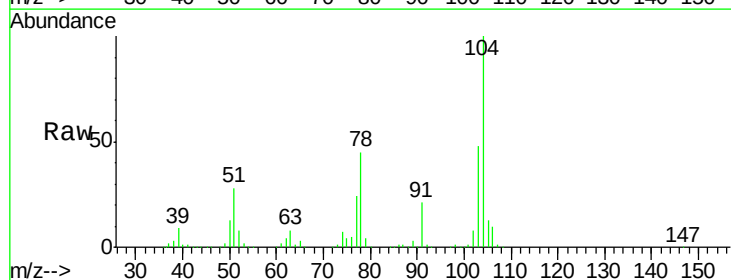
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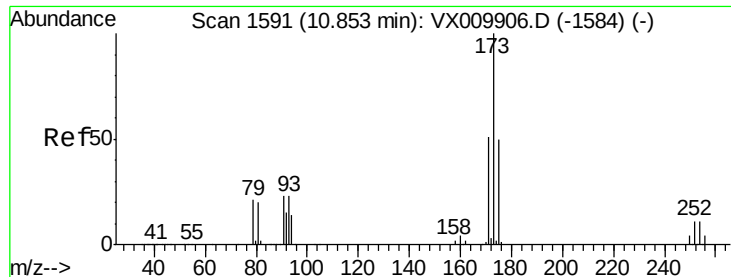
MMDadoda
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#70
Styrene
Concen: 19.598 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:104 Resp: 108266
Ion Ratio Lower Upper
104 100
78 51.1 42.1 63.1
103 54.5 44.1 66.1





#71

Bromoform

Concen: 19.444 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion:173 Resp: 27300

Ion Ratio Lower Upper

173 100

175 47.9 25.0 75.0

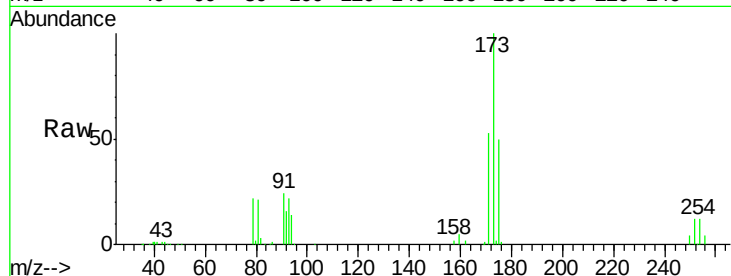
254 0.0 0.2 0.2#

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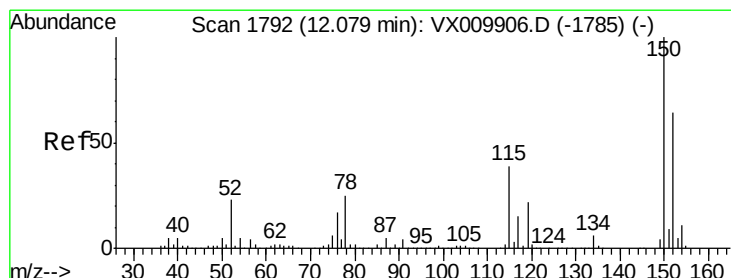
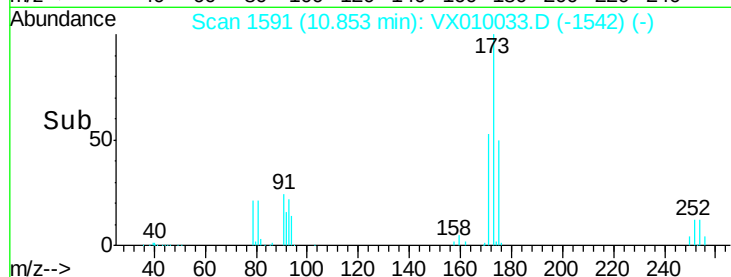
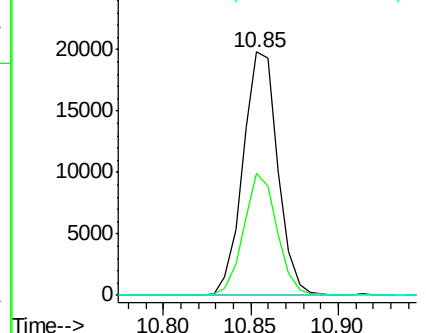
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

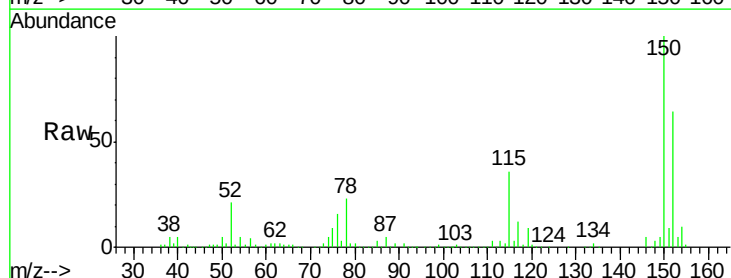
Tgt Ion:152 Resp: 115243

Ion Ratio Lower Upper

152 100

115 67.2 41.4 124.2

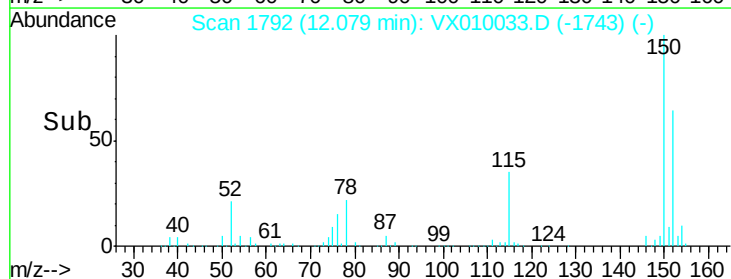
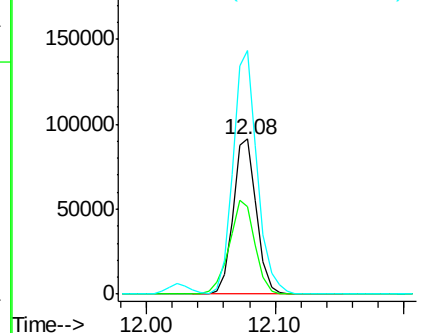
150 162.8 0.0 345.2

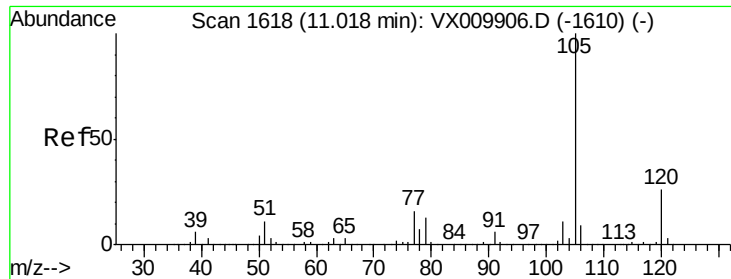


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.452 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBSD01

Tot Ion: 105 Resp: 165402

Ion Ratio Lower Upper

105 100

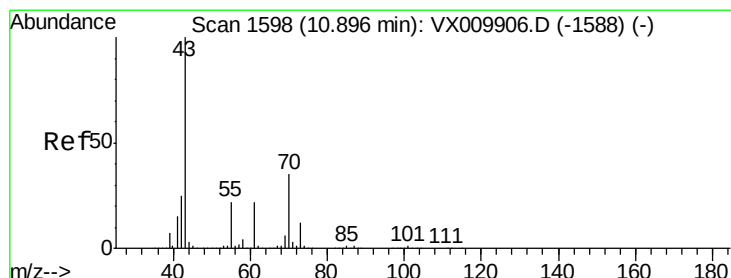
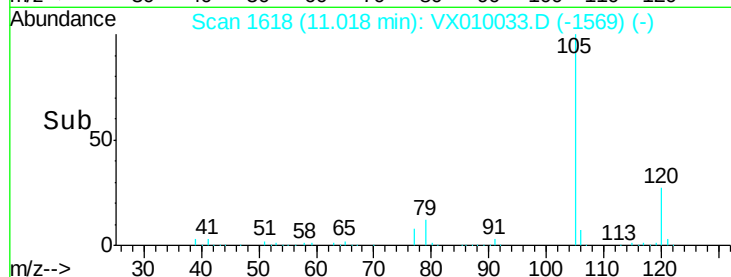
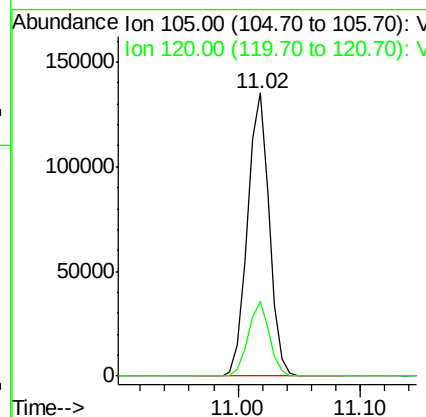
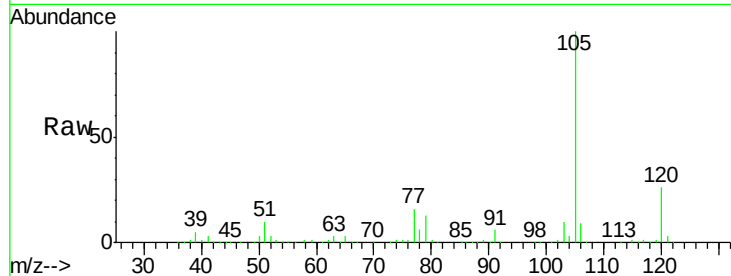
120 25.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.910 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 43 Resp: 96078

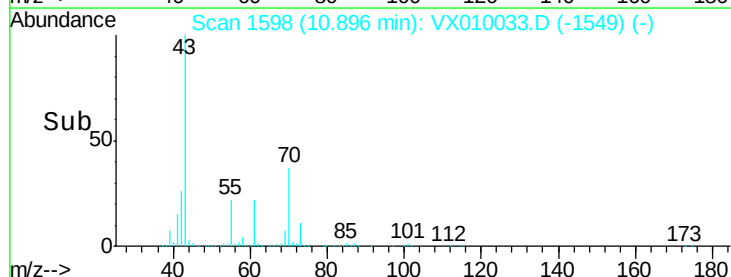
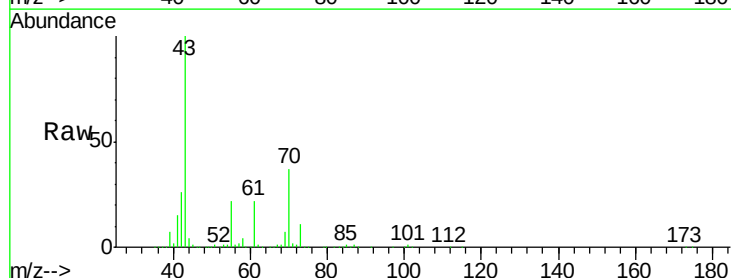
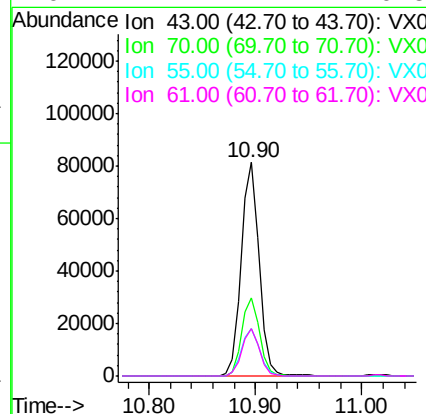
Ion Ratio Lower Upper

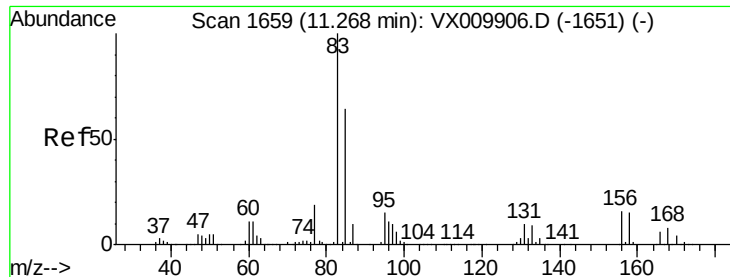
43 100

70 36.9 28.6 43.0

55 22.7 17.8 26.8

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.234 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

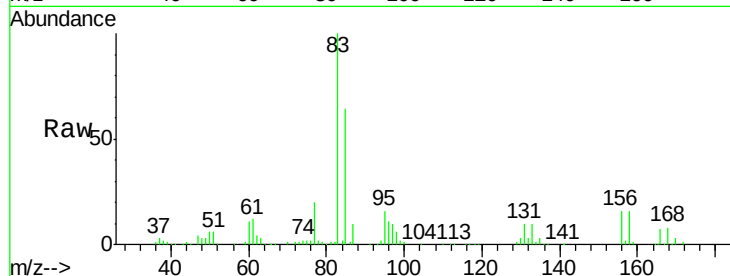
ClientSampled :

VX0603WBSD01

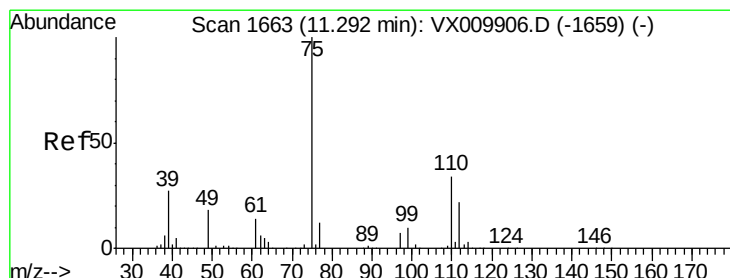
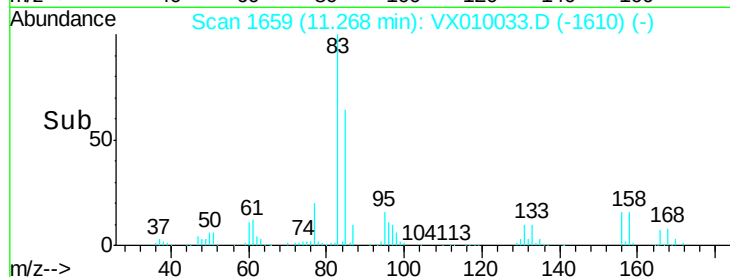
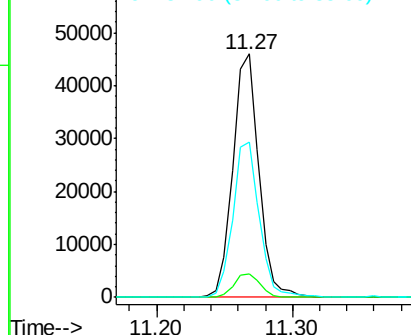
Tot Ion:	83	Resp:	61013
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	65.1	31.9	95.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.334 ug/l m

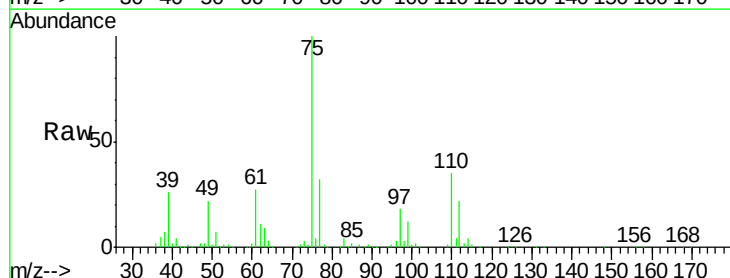
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

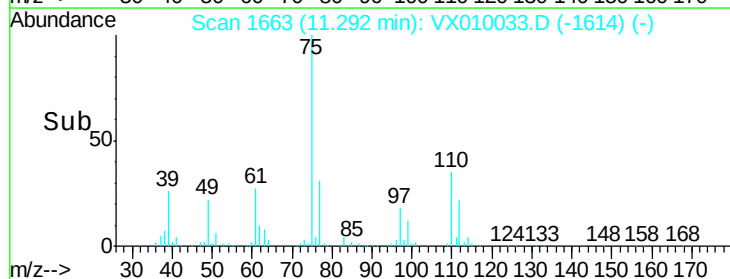
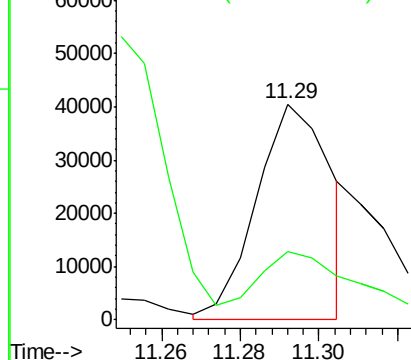
Lab File: VX010033.D

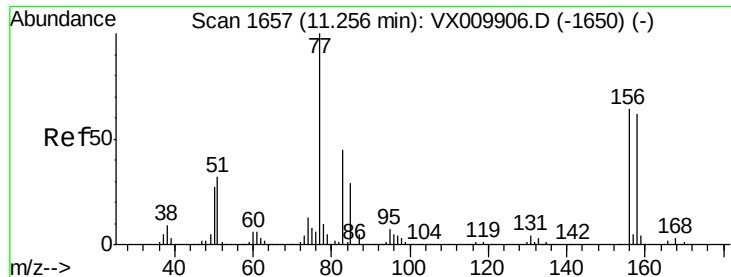
Acq: 03 Jun 2019 14:04

Tgt Ion:	75	Resp:	53280
Ion	Ratio	Lower	Upper
75	100		
77	42.7	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.295 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

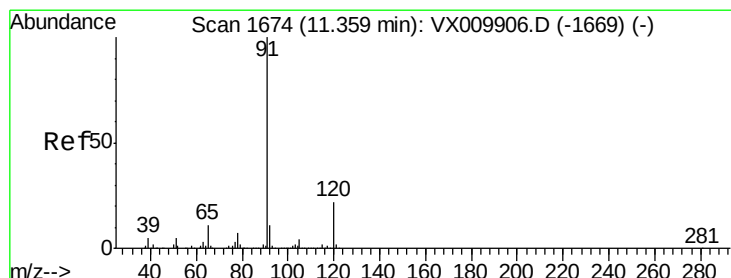
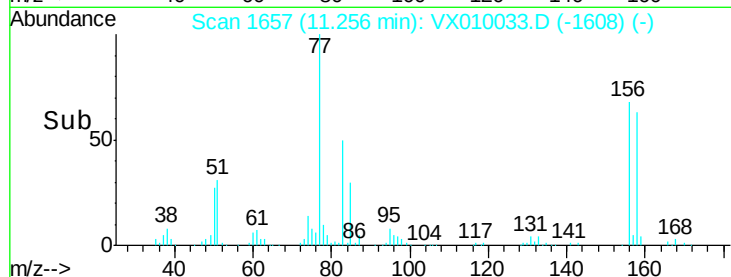
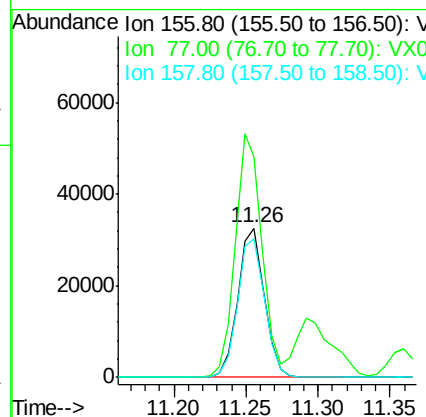
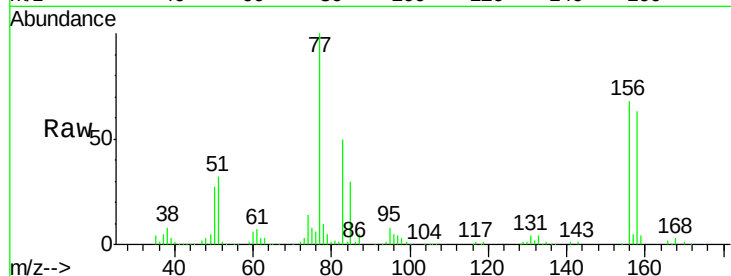
ClientSampled :

VX0603WBSD01

Tot Ion:	156	Resp:	41811
Ion	Ratio	Lower	Upper
156	100		
77	164.8	86.8	260.3
158	95.6	49.6	148.8

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#78

n-propylbenzene

Concen: 19.193 ug/l

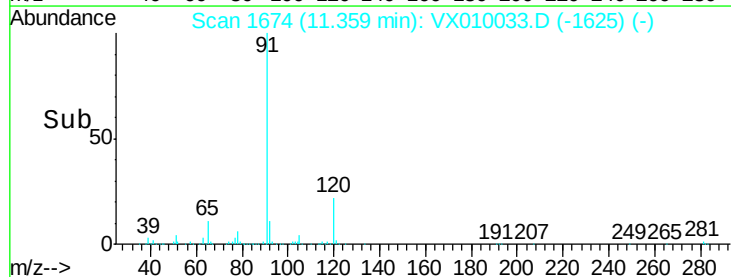
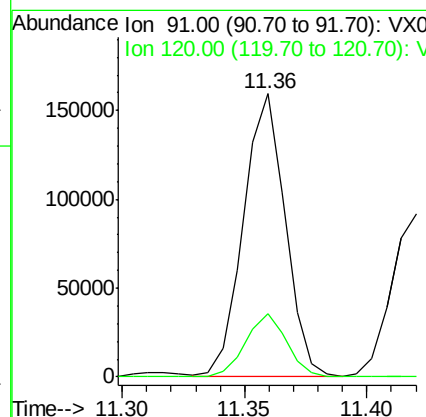
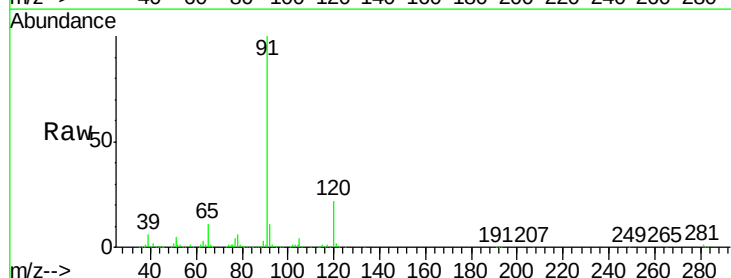
RT: 11.36 min Scan# 1674

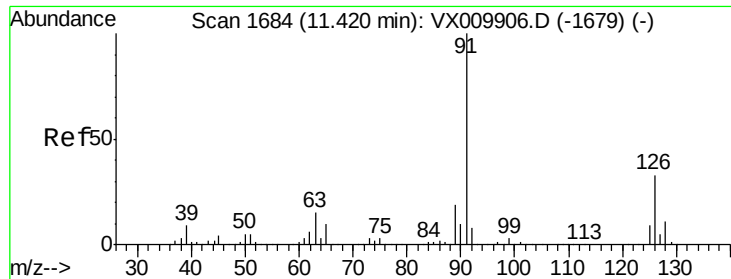
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	91	Resp:	188105
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.3





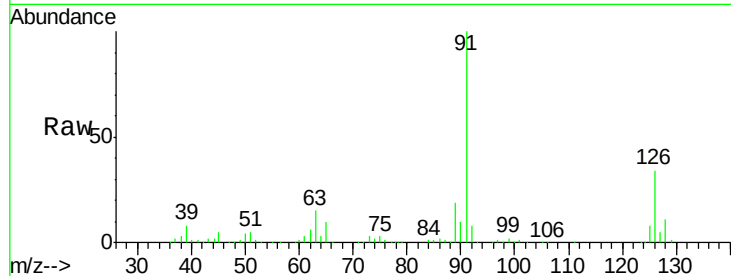
#79
 2-Chlorotoluene
 Concen: 19.124 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBSD01

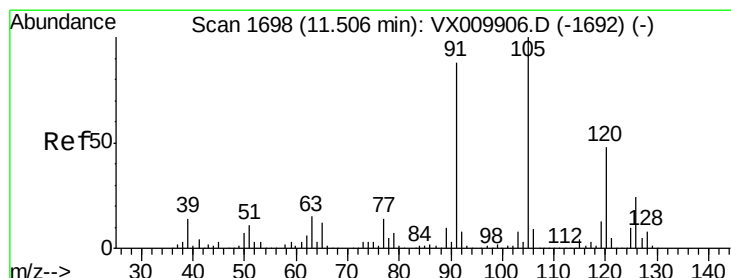
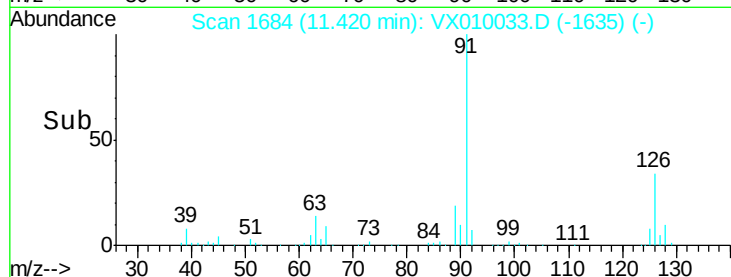
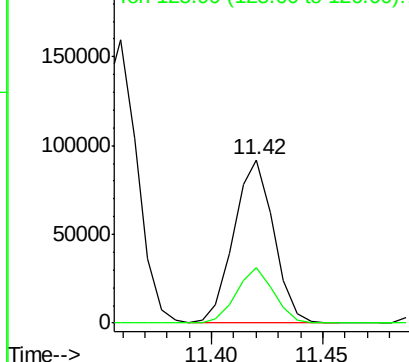
Tot Ion: 91 Resp: 114516
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3

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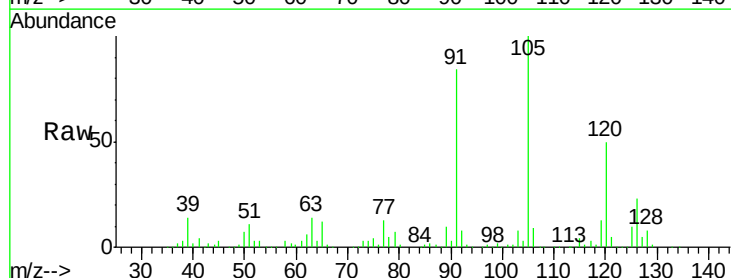


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

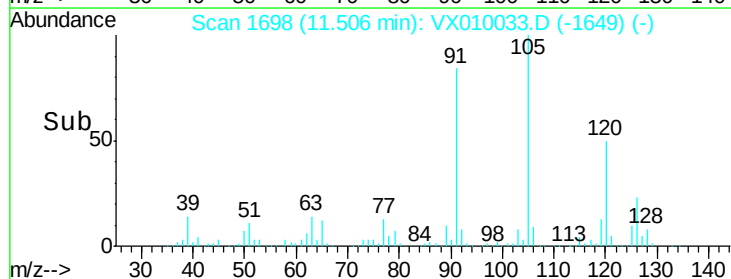
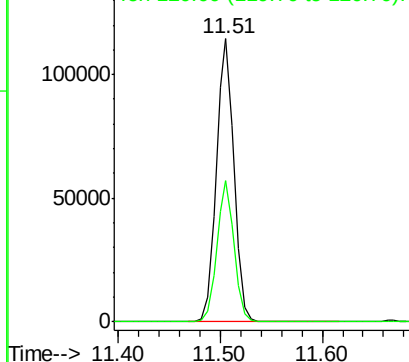


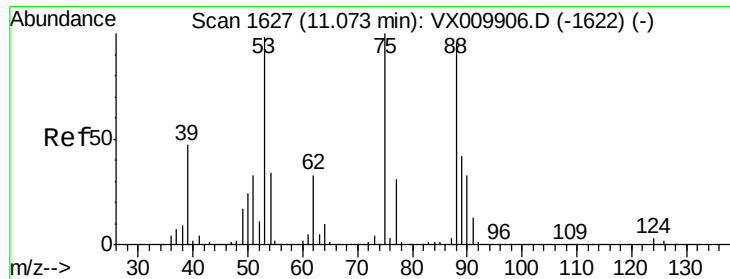
#80
 1,3,5-Trimethylbenzene
 Concen: 19.448 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 105 Resp: 139313
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





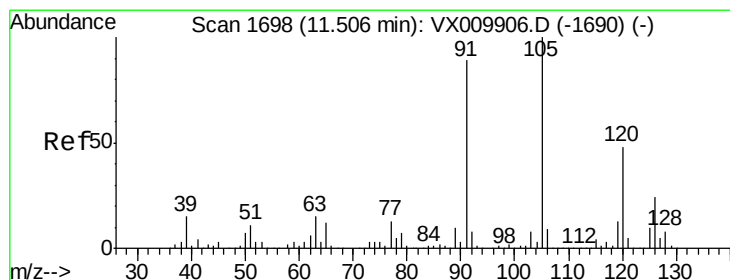
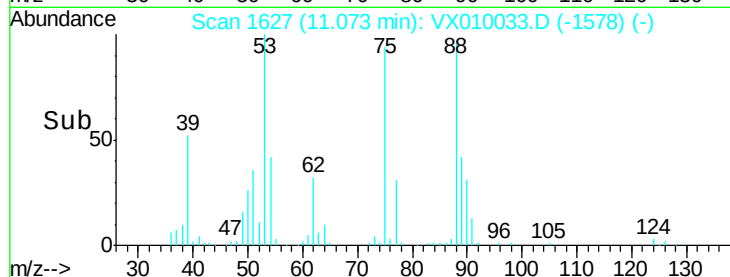
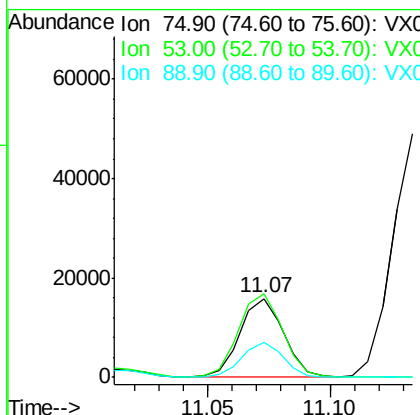
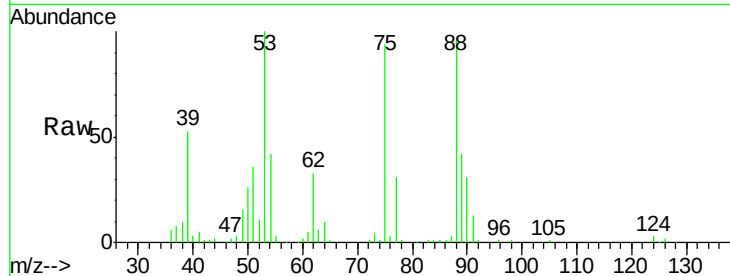
#81
trans-1,4-Dichloro-2-butene
Concen: 17.871 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion: 75 Resp: 19905
Ion Ratio Lower Upper
75 100
53 105.7 79.8 119.6
89 43.5 34.2 51.4

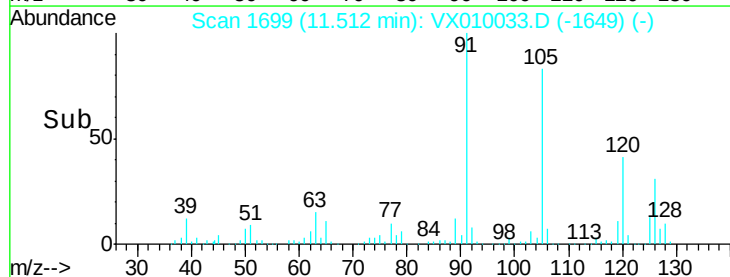
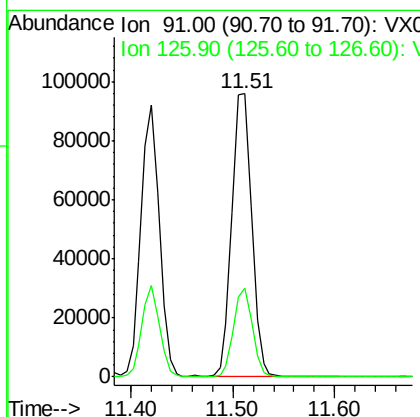
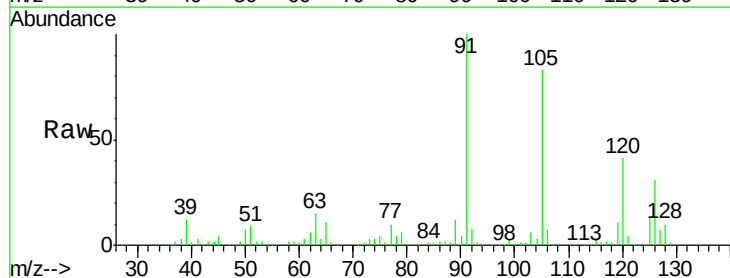
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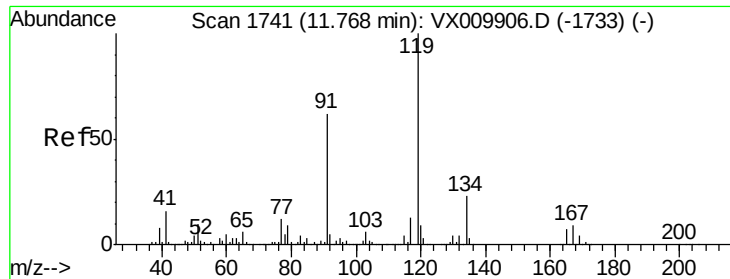
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#82
4-Chlorotoluene
Concen: 18.532 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 91 Resp: 129181
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





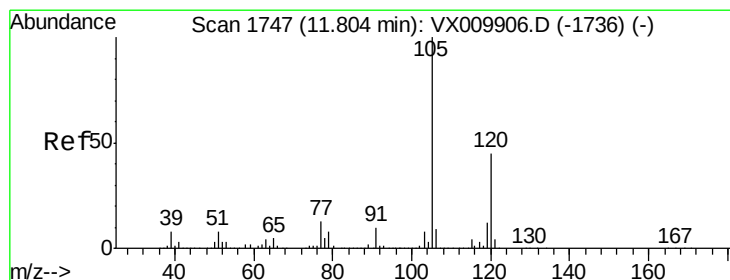
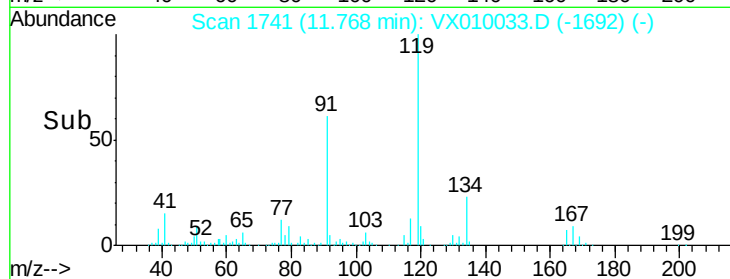
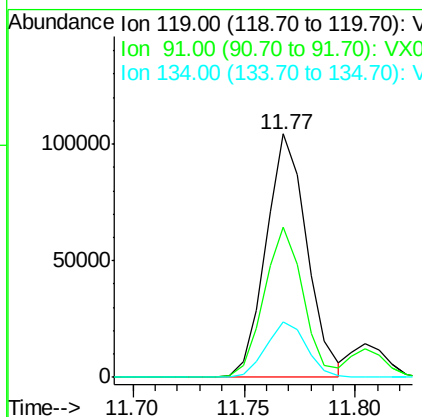
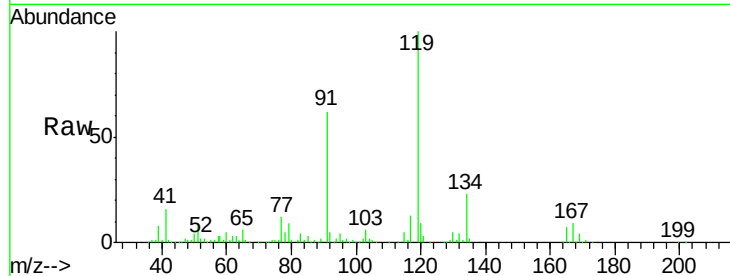
#83
tert-Butylbenzene
Concen: 19.446 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	133266		
91	59.4	30.0	90.0	
134	22.7	11.2	33.5	

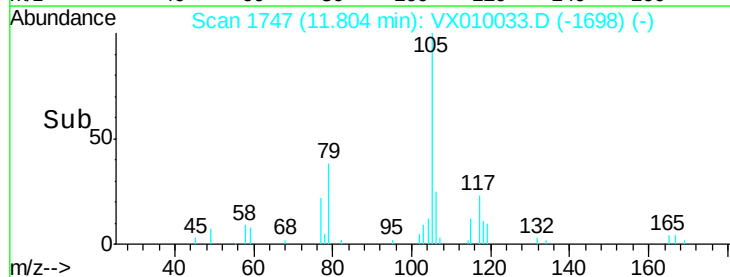
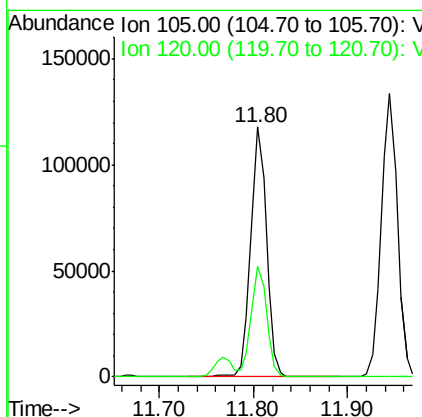
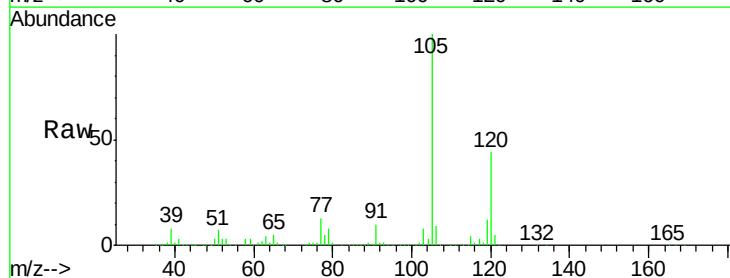
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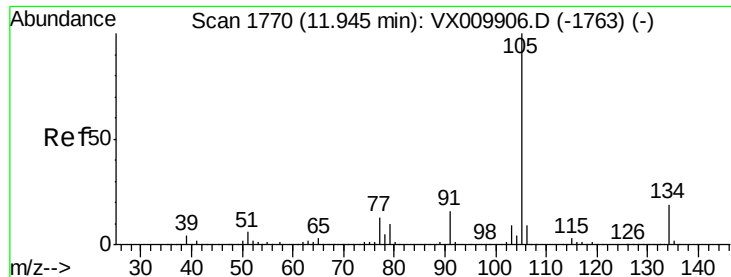
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#84
1,2,4-Trimethylbenzene
Concen: 19.296 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140373		
120	43.2	22.1	66.1	





#85

sec-Butylbenzene

Concen: 19.565 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0603WBSD01

Tot Ion:105 Resp: 159518

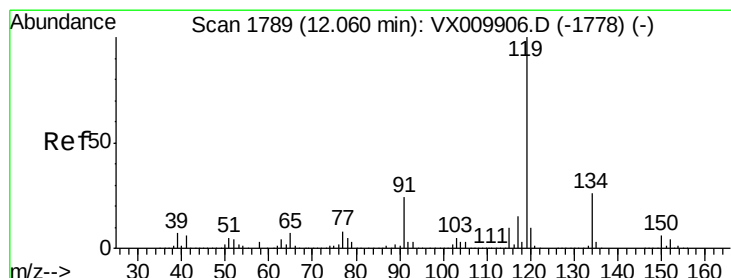
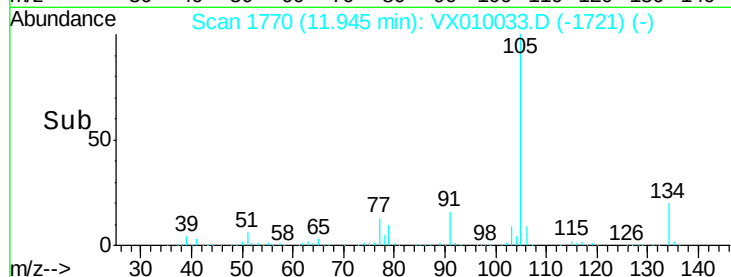
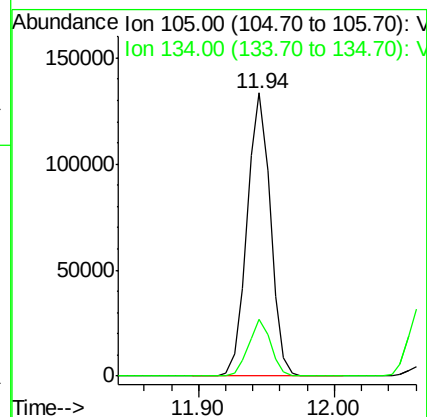
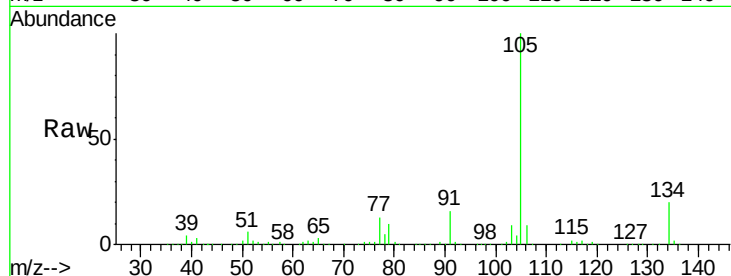
Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 19.730 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

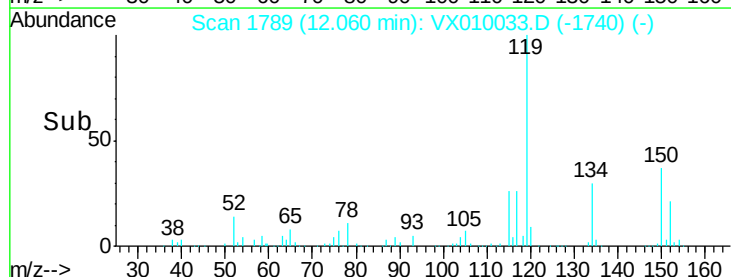
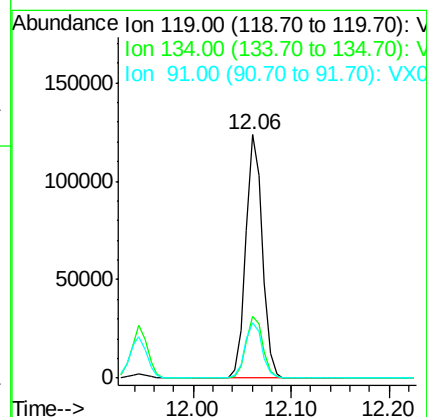
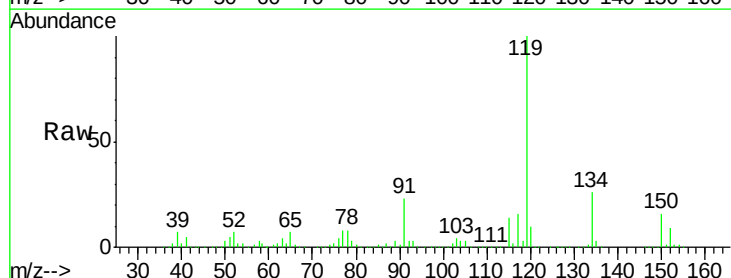
Tgt Ion:119 Resp: 144686

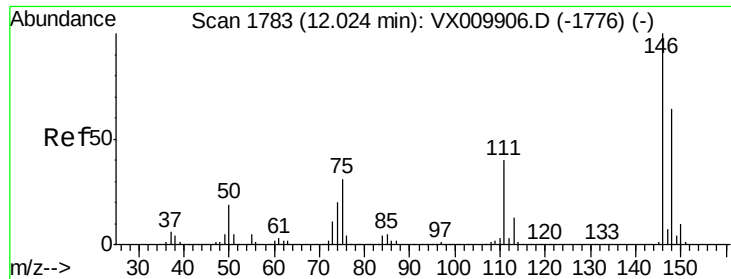
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 23.7 11.9 35.9





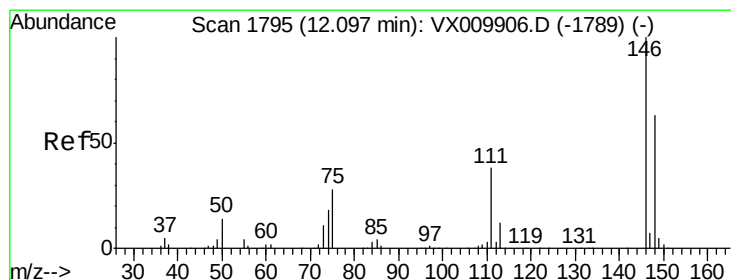
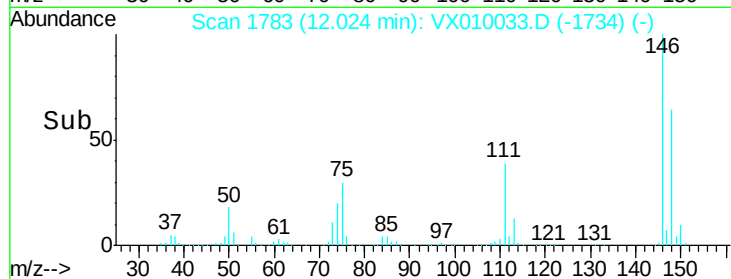
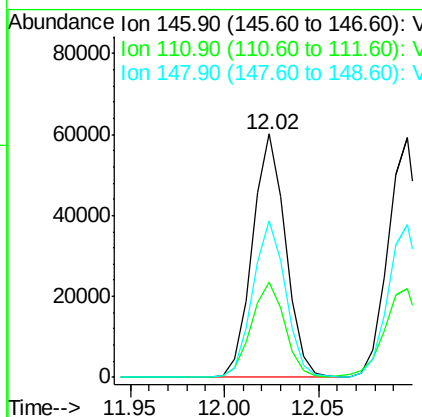
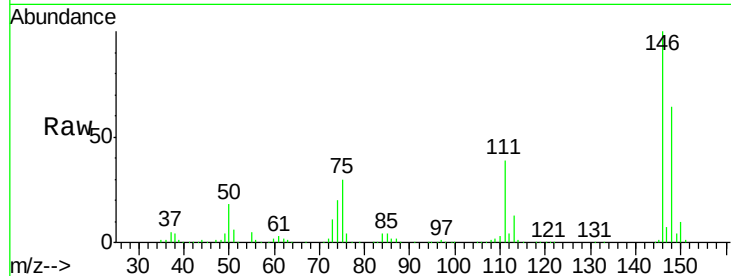
#87
 1,3-Dichlorobenzene
 Concen: 18.965 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	63.8	31.9	95.5

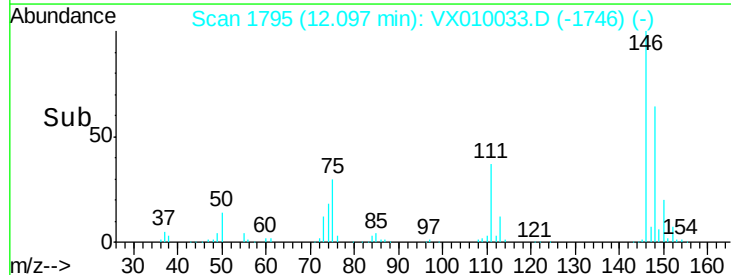
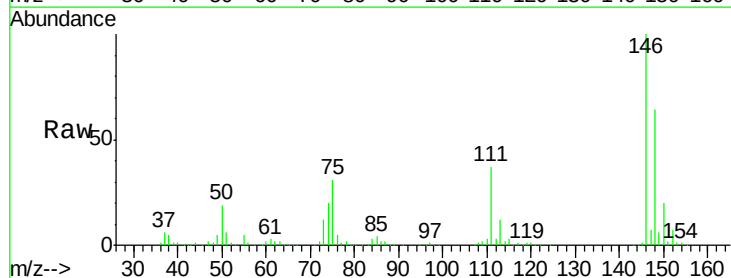
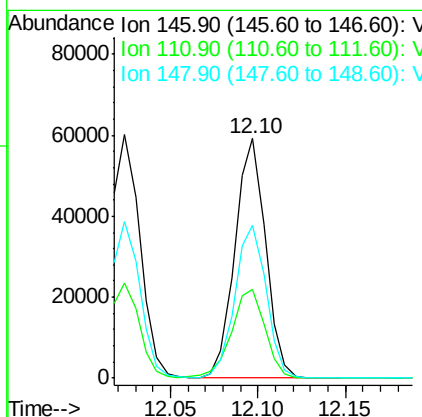
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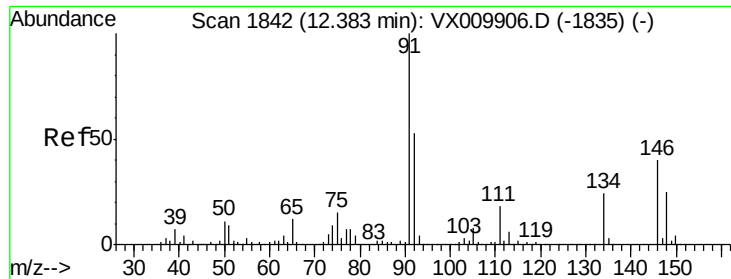
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#88
 1,4-Dichlorobenzene
 Concen: 18.304 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	65.7	32.3	96.9





#89

n-Butylbenzene

Concen: 18.639 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

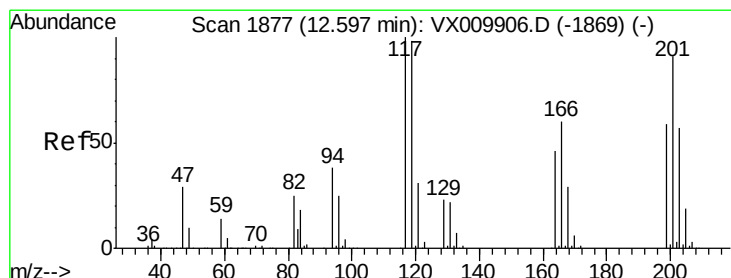
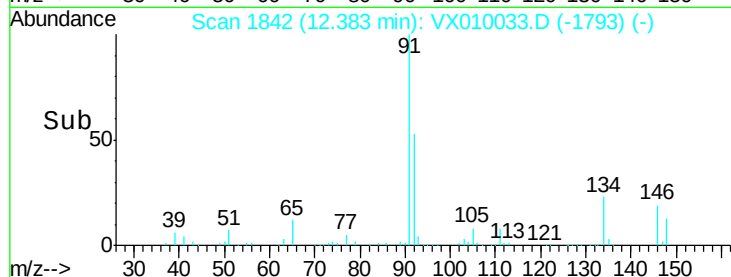
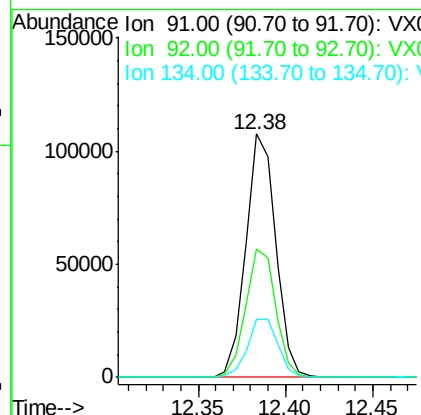
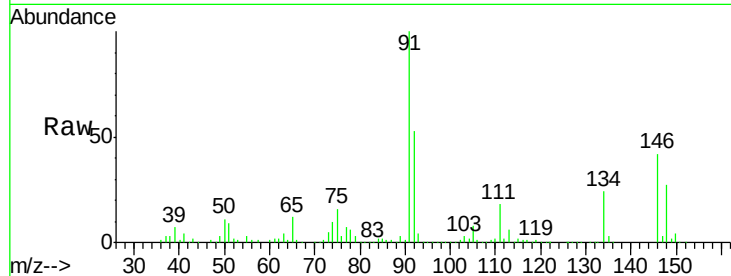
ClientSampleId :

VX0603WBSD01

Tot Ion:	91	Resp:	128461
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.3	78.8
134	24.4	12.3	36.8

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#90

Hexachloroethane

Concen: 19.194 ug/l

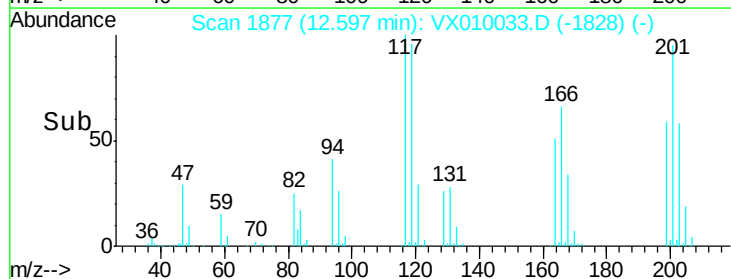
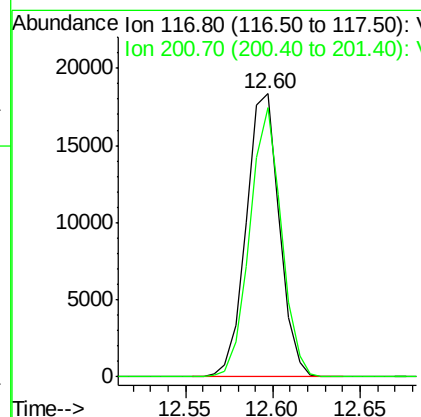
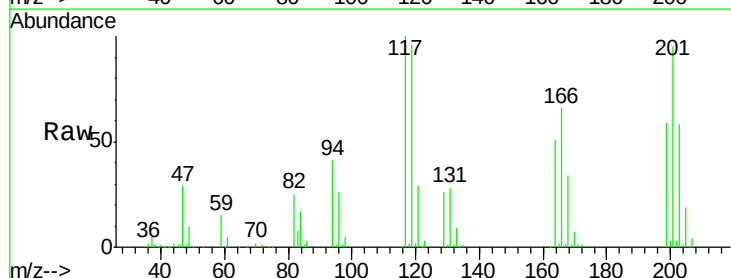
RT: 12.60 min Scan# 1877

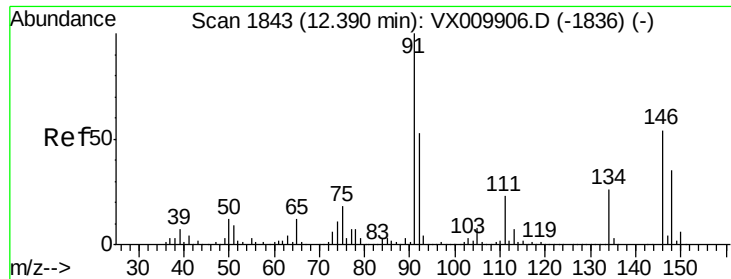
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion:	117	Resp:	24156
Ion Ratio	Lower	Upper	
117	100		
201	90.6	43.6	130.9





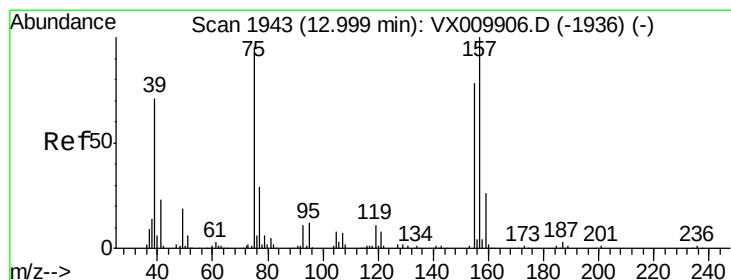
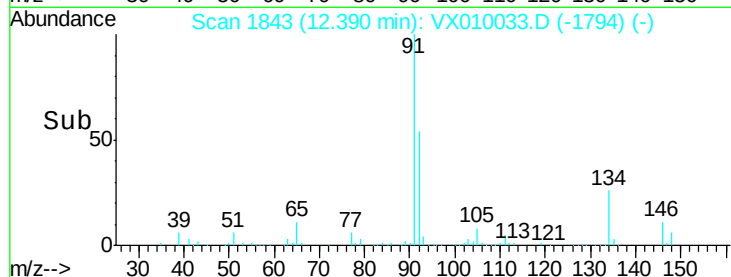
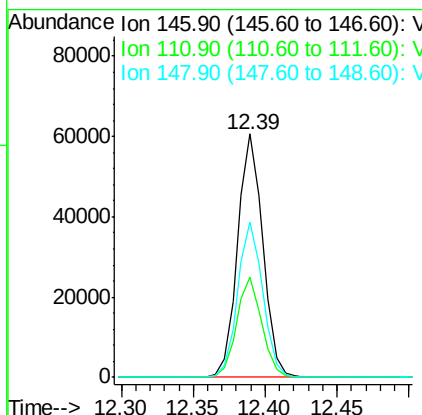
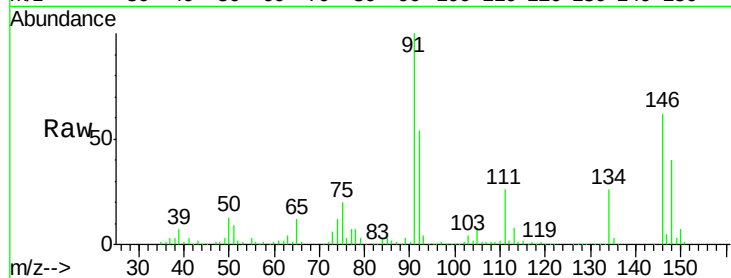
#91
 1,2-Dichlorobenzene
 Concen: 19.409 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	63.7	32.3	96.8

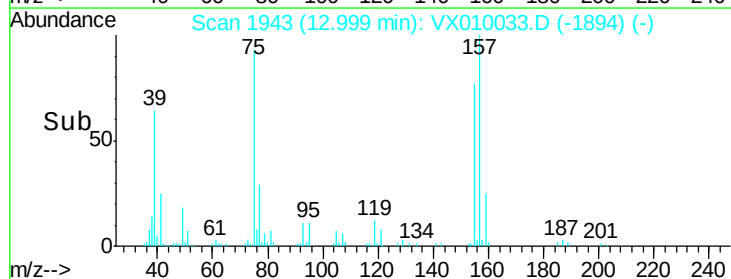
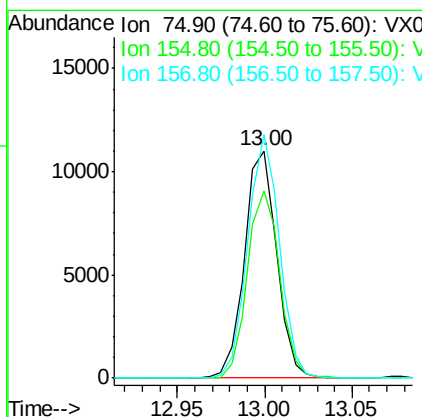
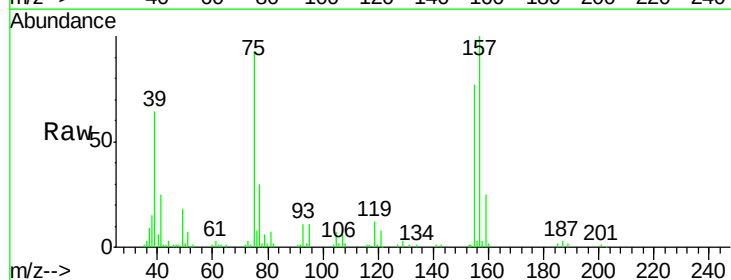
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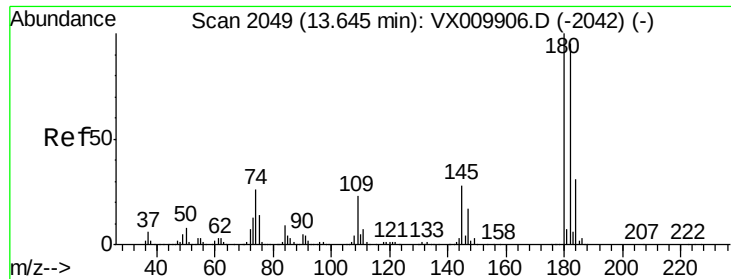
MMDadoda
 6/4/2019 11:30:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.814 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	39.3	117.8
157	105.5	50.6	151.8





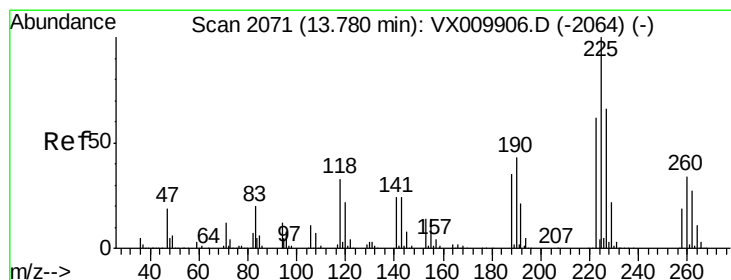
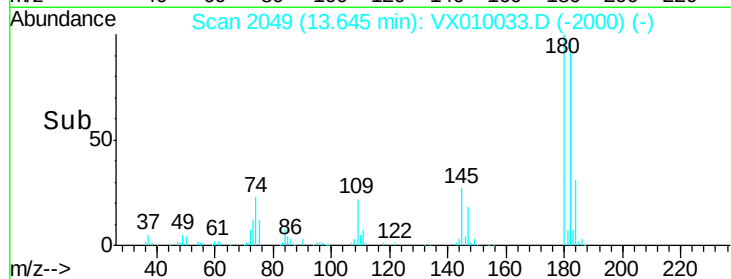
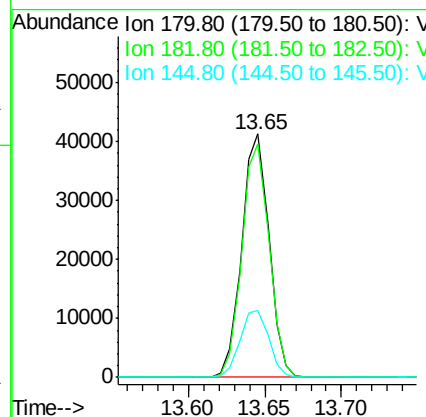
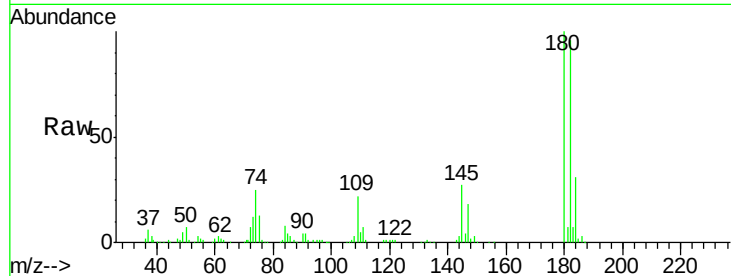
#93
 1,2,4-Trichlorobenzene
 Concen: 18.805 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	29.0	14.5	43.5

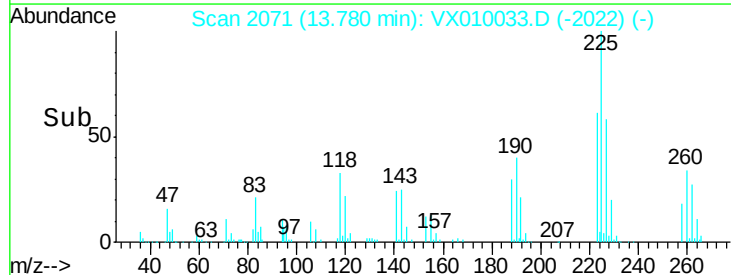
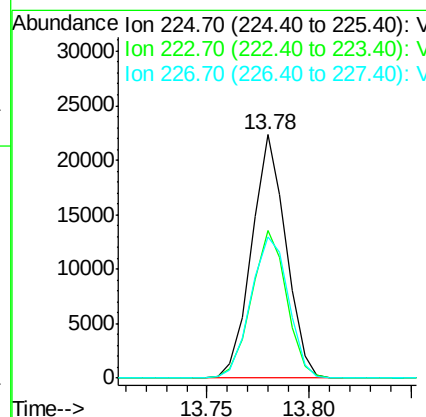
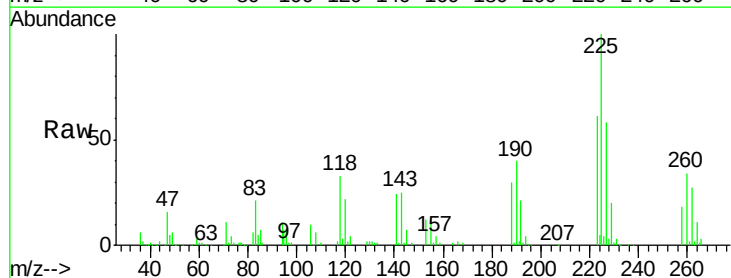
Manual Integrations
 APPROVED

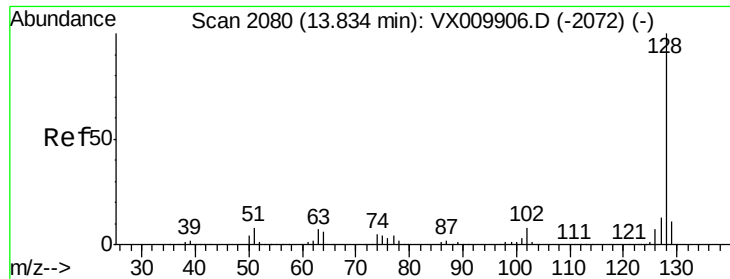
MMDadoda
 6/4/2019 11:30:03 AM



#94
 Hexachlorobutadiene
 Concen: 19.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.3	93.8
227	63.6	32.3	96.8





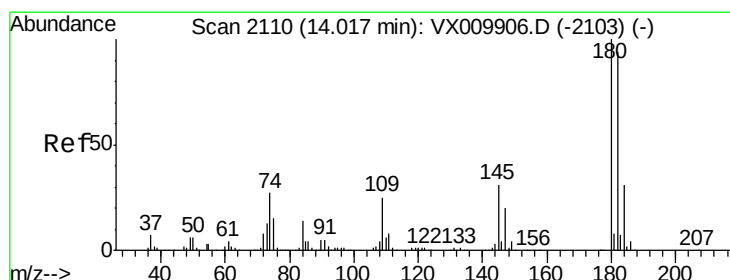
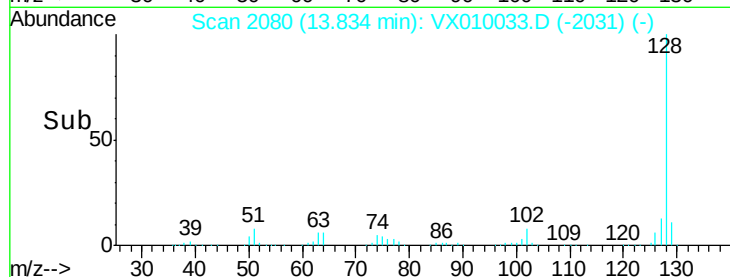
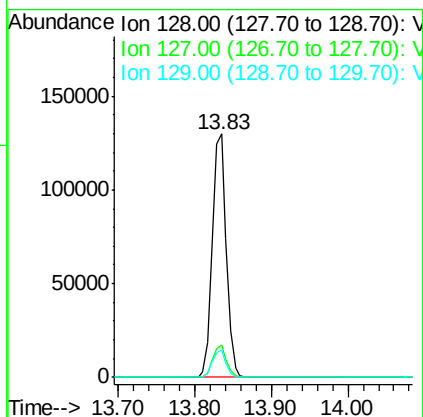
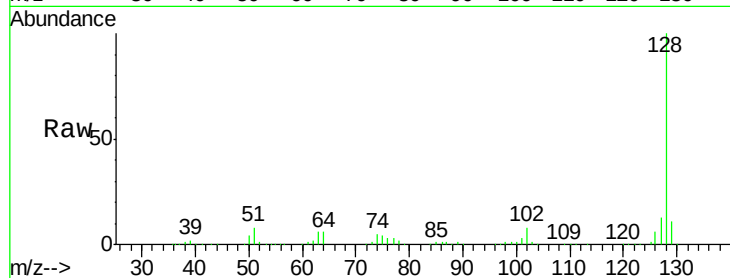
#95
Naphthalene
Concen: 19.344 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/4/2019 11:30:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.209 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	30.6	15.6	46.7

