

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010027.D
 Acq On : 03 Jun 2019 11:43
 Operator : JC/SP
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:07 AM

Quant Time: Jun 04 04:03:43 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	5.66	168	175595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103111	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	5.49	113	76683	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	8.71	98	313990	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	114068	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41978	19.563	ug/l	99
3) Chloromethane	1.33	50	46355	16.070	ug/l	100
4) Vinyl Chloride	1.41	62	42538	16.358	ug/l	96
5) Bromomethane	1.64	94	22175	14.074	ug/l	96
6) Chloroethane	1.72	64	26192	16.362	ug/l	98
7) Trichlorofluoromethane	1.93	101	50794	17.676	ug/l	98
8) Diethyl Ether	2.19	74	21173	15.679	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31866	18.367	ug/l	99
10) Methyl Iodide	2.51	142	29130	16.953	ug/l	100
11) Tert butyl alcohol	3.04	59	53887	88.277	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30704	17.266	ug/l	97
13) Acrolein	2.29	56	30800	86.272	ug/l	97
14) Allyl chloride	2.73	41	73002	16.890	ug/l	97
15) Acrylonitrile	3.14	53	120197	81.721	ug/l	99
16) Acetone	2.44	43	125223	87.377	ug/l	99
17) Carbon Disulfide	2.57	76	89568	16.890	ug/l	99
18) Methyl Acetate	2.78	43	55246	16.567	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	117111	17.443	ug/l	97
20) Methylene Chloride	2.85	84	36879	16.804	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33546	16.954	ug/l	98
22) Diisopropyl ether	3.85	45	143434	17.441	ug/l	94
23) Vinyl Acetate	3.81	43	622973	84.324	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68650	17.225	ug/l	97
25) 2-Butanone	4.67	43	187146	83.817	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53531	17.756	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	38791	16.984	ug/l	97
28) Bromochloromethane	5.01	49	35771	17.296	ug/l	97
29) Tetrahydrofuran	5.13	42	117722	82.219	ug/l	98
30) Chloroform	5.21	83	62526	17.396	ug/l	100
31) Cyclohexane	5.58	56	69495	18.411	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	52893	18.070	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49093	18.219	ug/l	100
37) Ethyl Acetate	4.83	43	67477	17.972	ug/l	99
38) Carbon Tetrachloride	5.78	117	45085	19.362	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61706	19.306	ug/l	99
40) Benzene	6.14	78	150137	18.783	ug/l	98
41) Methacrylonitrile	5.04	41	38856	17.711	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55121	18.653	ug/l	100
43) Isopropyl Acetate	6.44	43	106504	17.580	ug/l	98
44) Trichloroethene	7.21	130	36695	18.899	ug/l	92
45) 1,2-Dichloropropane	7.51	63	42314	18.389	ug/l	95
46) Dibromomethane	7.66	93	23867	17.621	ug/l	97
47) Bromodichloromethane	7.90	83	48892	18.983	ug/l	100
48) Methyl methacrylate	7.77	41	53292	17.770	ug/l	99
49) 1,4-Dioxane	7.74	88	20474	367.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	349562	88.700	ug/l	99
52) Toluene	8.78	92	92779	19.117	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56744	18.370	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61498	18.273	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36481	18.676	ug/l	98
56) Ethyl methacrylate	9.18	69	65211	18.751	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64448	18.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164021	89.944	ug/l	100
59) 2-Hexanone	9.49	43	278660	91.841	ug/l	99
60) Dibromochloromethane	9.58	129	36981	19.245	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37594	18.733	ug/l	100
64) Tetrachloroethene	9.34	164	33060	19.422	ug/l	98
65) Chlorobenzene	10.13	112	95804	18.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34588	19.547	ug/l	100
67) Ethyl Benzene	10.25	91	176163	19.231	ug/l	99
68) m/p-Xylenes	10.35	106	130430	38.541	ug/l	98
69) o-Xylene	10.69	106	61831	19.051	ug/l	99
70) Styrene	10.71	104	109309	19.207	ug/l	99
71) Bromoform	10.85	173	27953	19.326	ug/l #	97
73) Isopropylbenzene	11.02	105	170130	18.808	ug/l	98
74) N-amyl acetate	10.90	43	96435	17.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59794	17.718	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	52735m	17.988	ug/l	
77) Bromobenzene	11.25	156	42596	18.478	ug/l	96
78) n-propylbenzene	11.36	91	196383	18.835	ug/l	99
79) 2-Chlorotoluene	11.42	91	116320	18.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143963	18.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20286	17.120	ug/l	97
82) 4-Chlorotoluene	11.51	91	135008	18.205	ug/l	98
83) tert-Butylbenzene	11.77	119	138644	19.016	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145718	18.829	ug/l	99
85) sec-Butylbenzene	11.94	105	167029	19.257	ug/l	99
86) p-Isopropyltoluene	12.06	119	152962	19.606	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75216	18.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75609	18.064	ug/l	99
89) n-Butylbenzene	12.38	91	140094	19.107	ug/l	100
90) Hexachloroethane	12.60	117	25270	18.874	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	76045	18.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14229	17.913	ug/l	95

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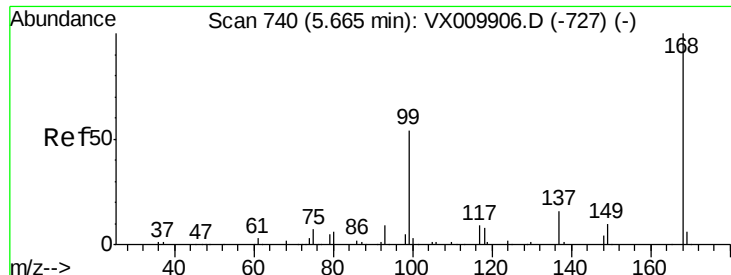
Manual Integrations
APPROVED

MMDadoda
6/4/2019 11:30:07 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56196	19.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	28613	19.728	ug/l	99
95) Naphthalene	13.83	128	168400	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55444	19.155	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion:168 Resp: 175595

Ion Ratio Lower Upper

168 100

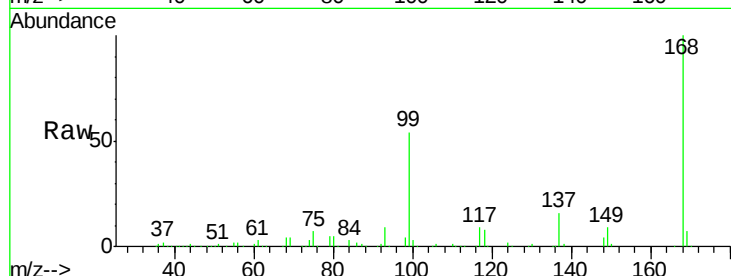
99 54.1 43.0 64.6

Manual Integrations

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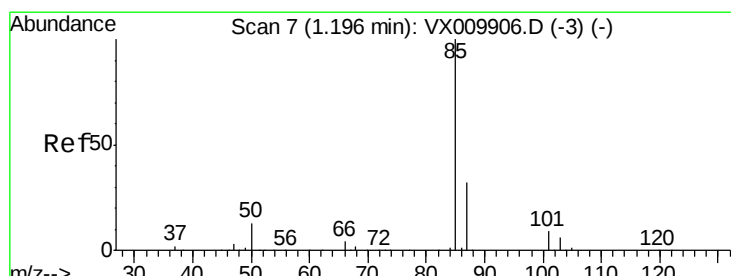
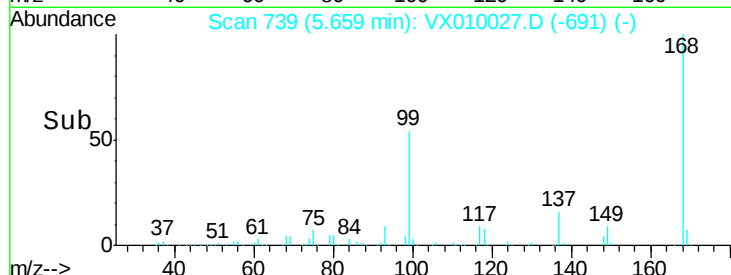
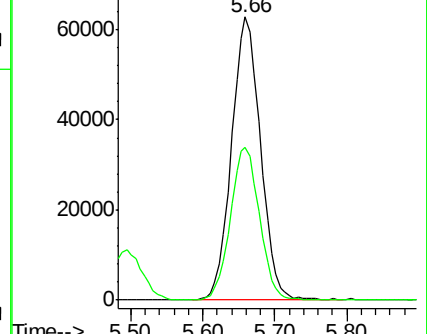
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.563 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010027.D

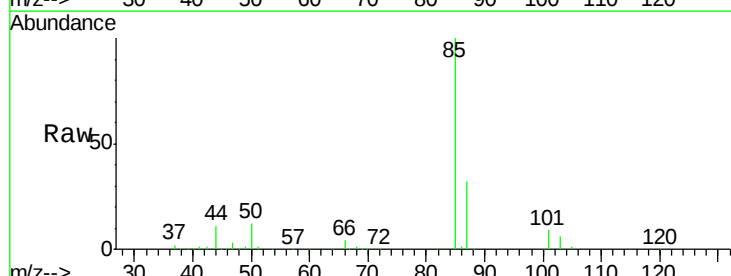
Acq: 03 Jun 2019 11:43

Tgt Ion: 85 Resp: 41978

Ion Ratio Lower Upper

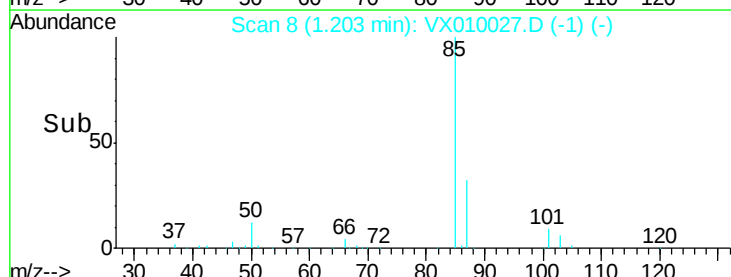
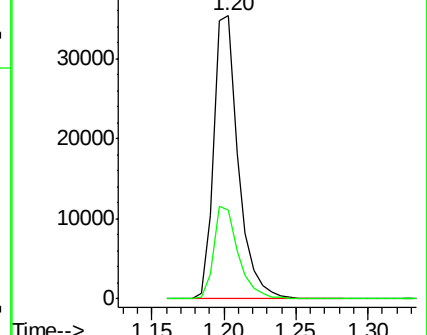
85 100

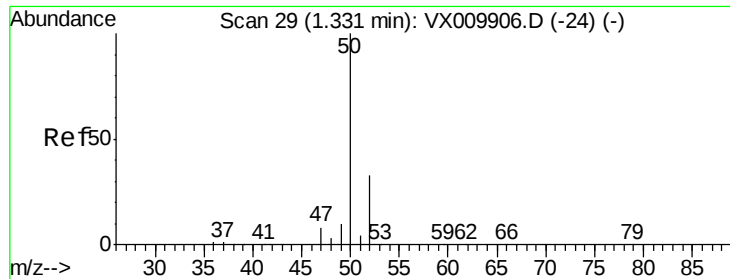
87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.070 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 50 Resp: 46355

Ion Ratio Lower Upper

50 100

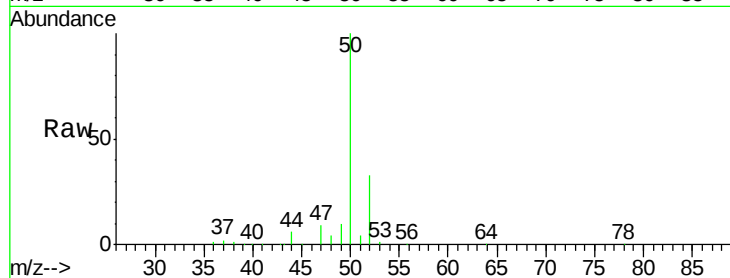
52 32.6 26.0 39.0

Manual Integrations

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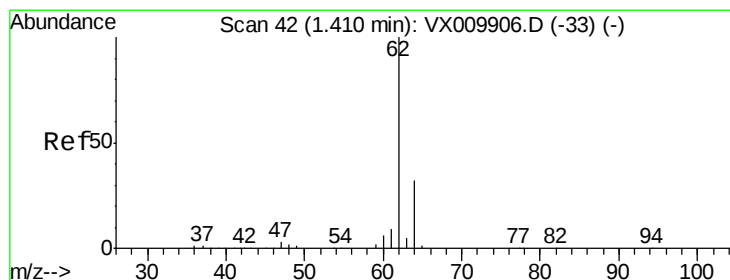
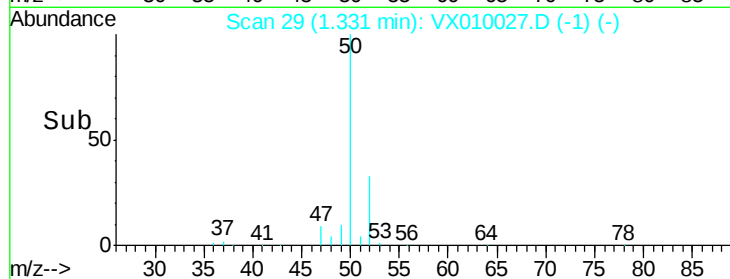
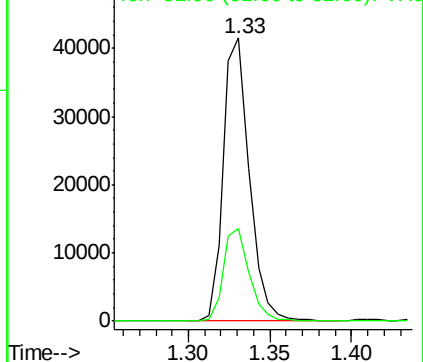
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.358 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010027.D

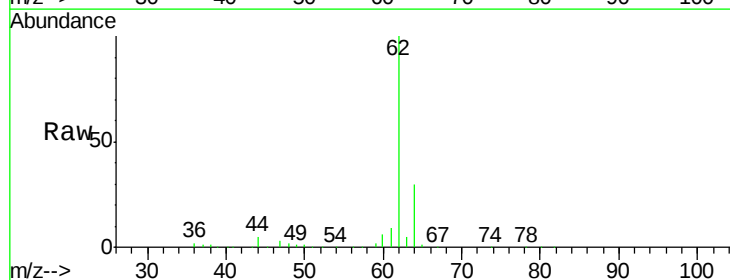
Acq: 03 Jun 2019 11:43

Tgt Ion: 62 Resp: 42538

Ion Ratio Lower Upper

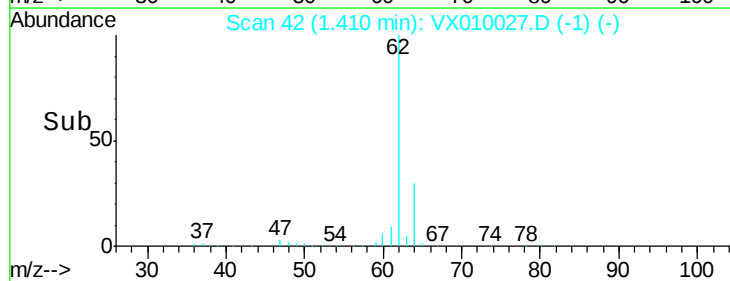
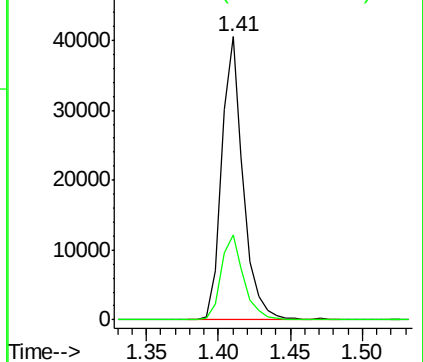
62 100

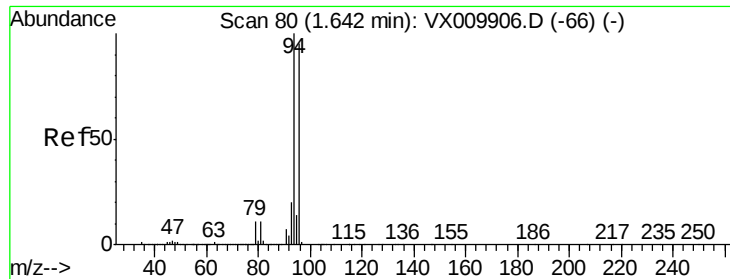
64 30.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.074 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 94 Resp: 22175

Ion Ratio Lower Upper

94 100

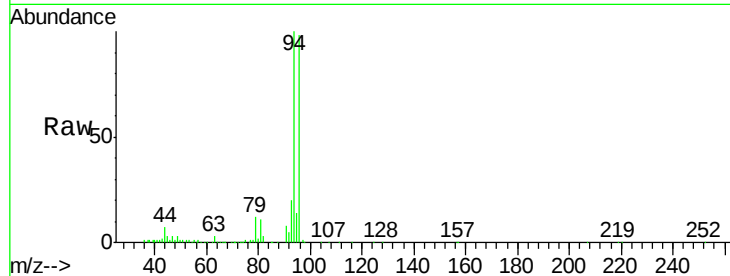
96 98.7 76.2 114.4

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

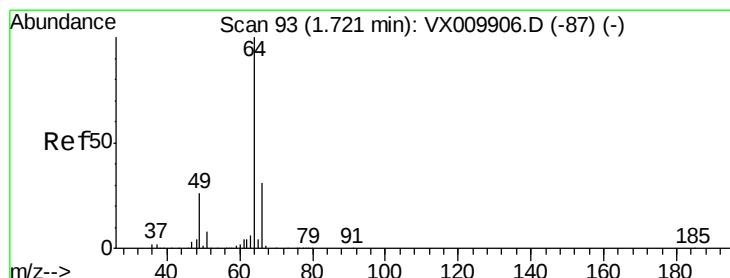
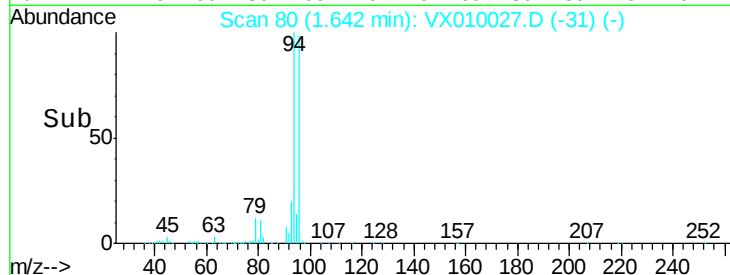
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 16.362 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010027.D

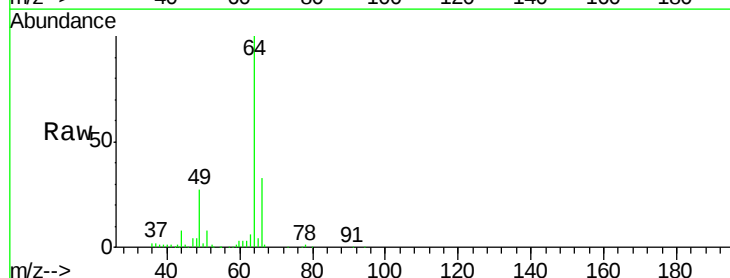
Acq: 03 Jun 2019 11:43

Tgt Ion: 64 Resp: 26192

Ion Ratio Lower Upper

64 100

66 32.5 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

5000

0

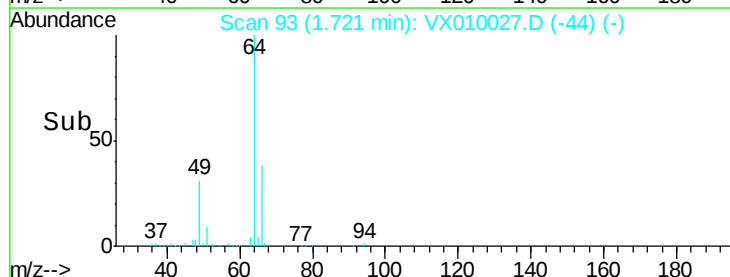
1.65

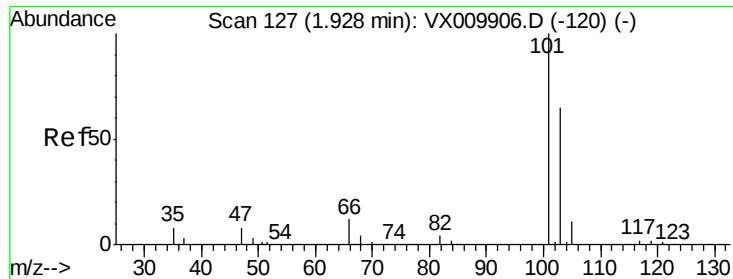
1.70

1.75

1.80

Time-->





#7

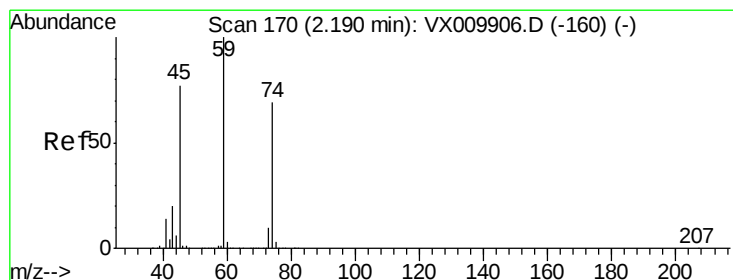
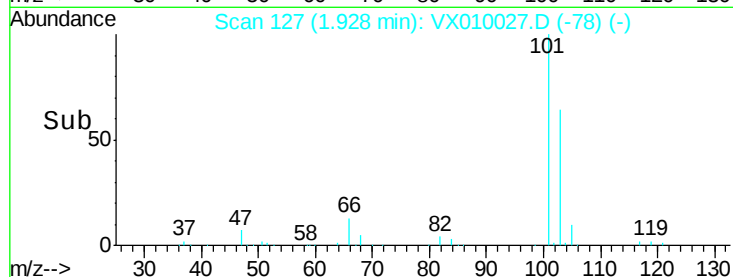
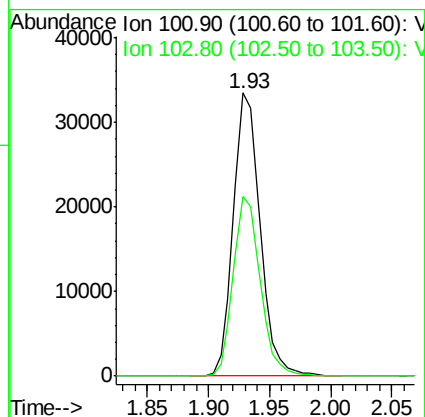
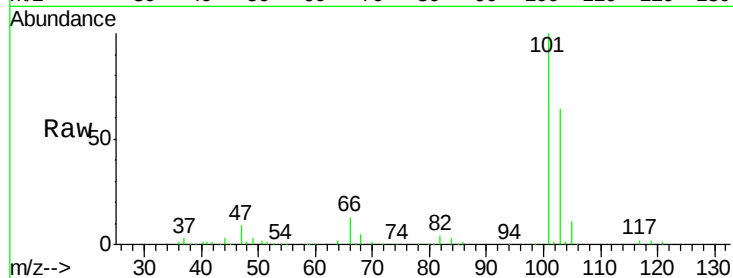
Trichlorofluoromethane
Concen: 17.676 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion:101 Resp: 50794
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

Manual Integrations
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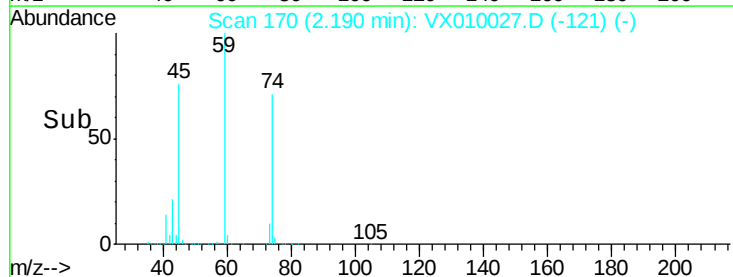
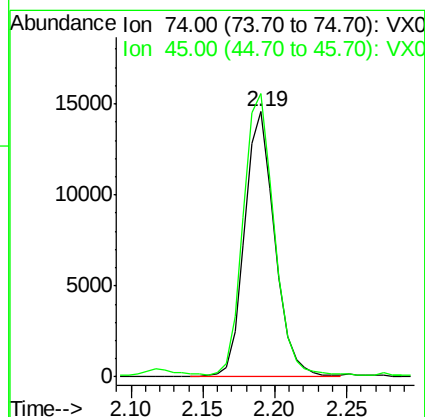
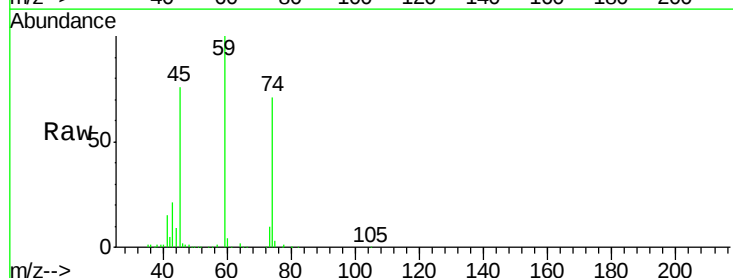
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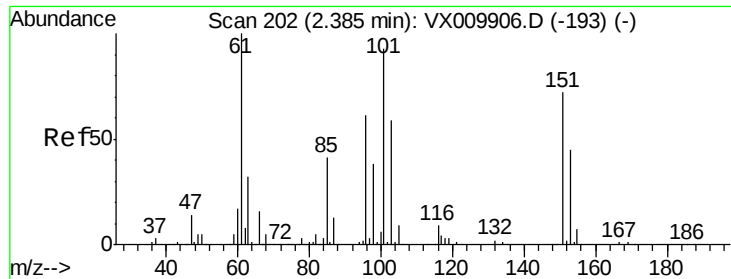


#8

Diethyl Ether
Concen: 15.679 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 74 Resp: 21173
Ion Ratio Lower Upper
74 100
45 107.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.367 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

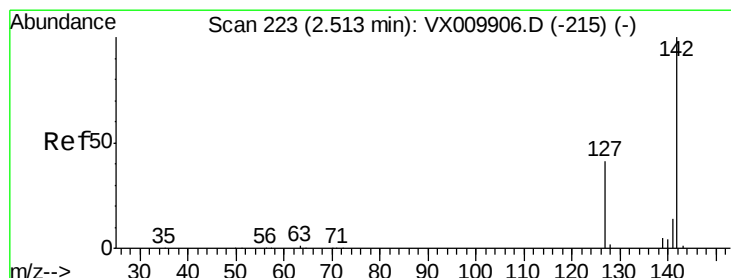
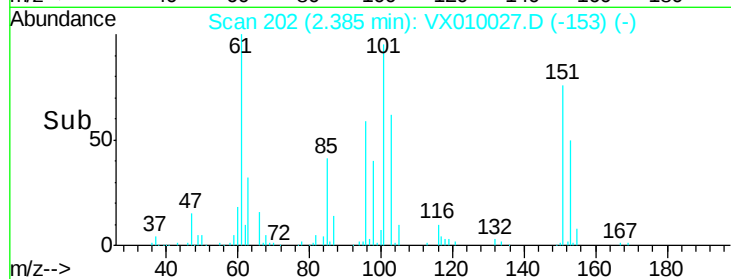
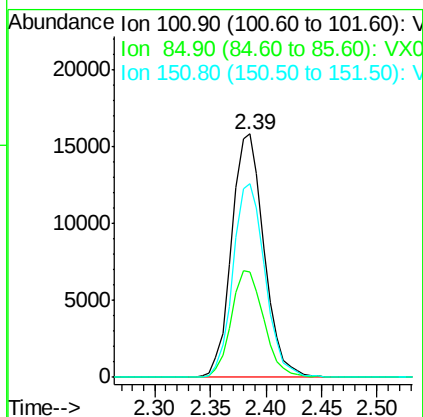
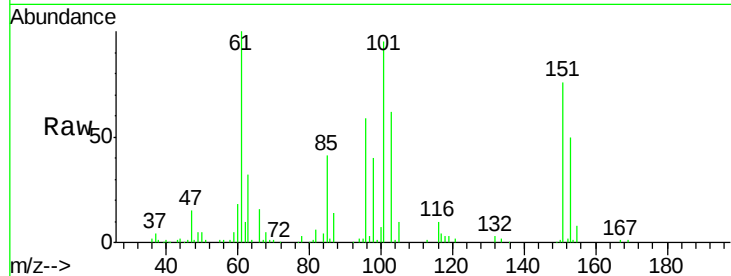
ClientSampled :

VX0603WBS01

Tot Ion:	101	Resp:	31866
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	78.8	61.9	92.9

Manual Integrations
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6/4/2019 11:30:07 AM



#10

Methyl Iodide

Concen: 16.953 ug/l

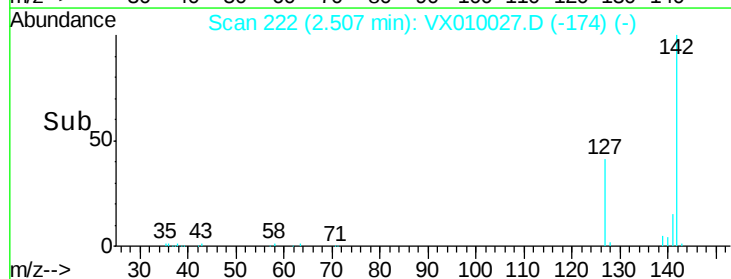
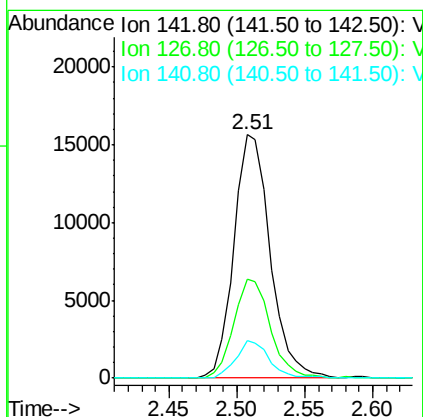
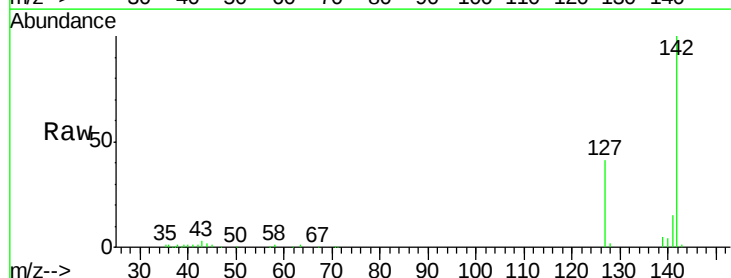
RT: 2.51 min Scan# 222

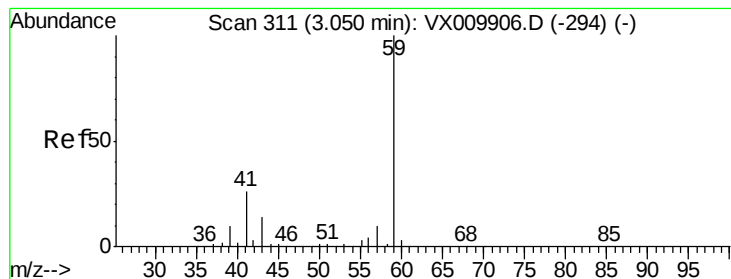
Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	142	Resp:	29130
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.0	49.4
141	14.3	11.4	17.0





#11

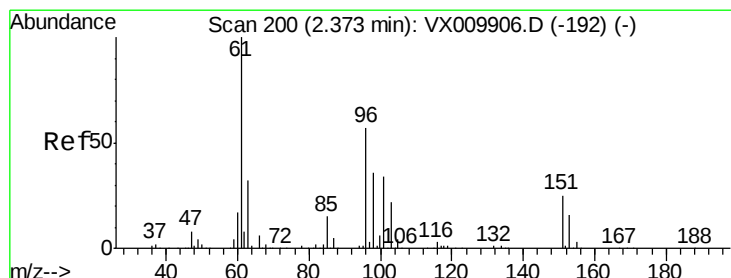
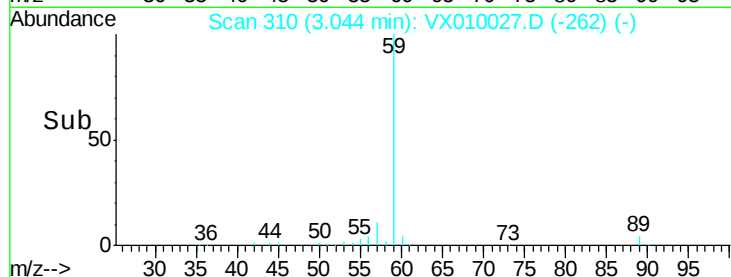
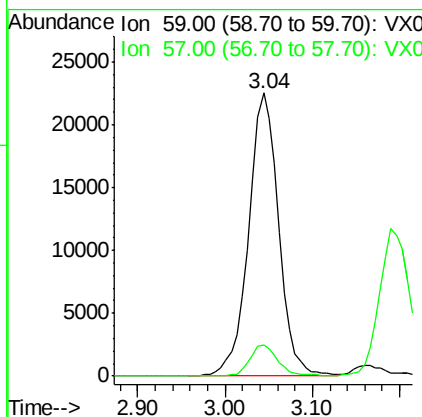
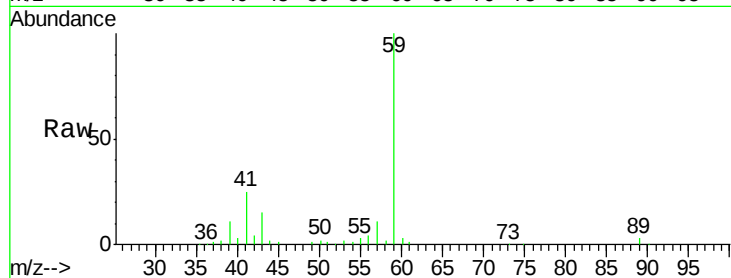
Tert butyl alcohol
 Concen: 88.277 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.5	8.2	12.2

Manual Integrations
 APPROVED

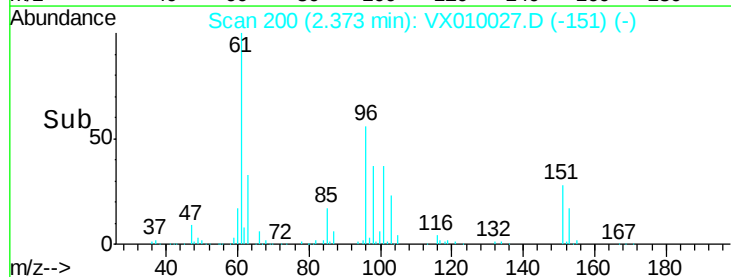
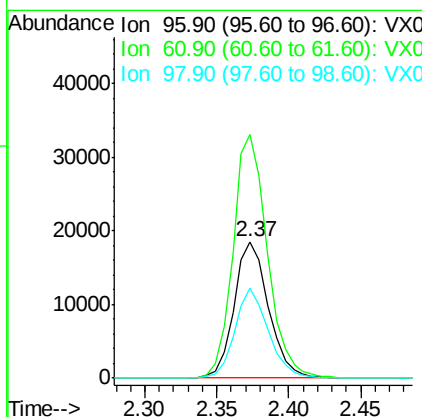
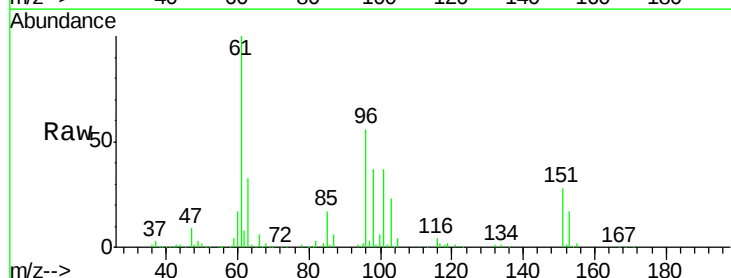
MMDadoda
 6/4/2019 11:30:07 AM

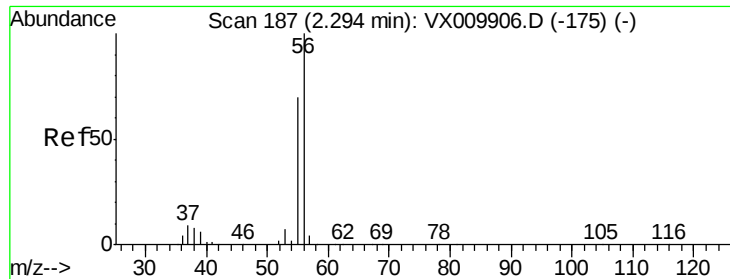


#12

1,1-Dichloroethene
 Concen: 17.266 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	178.3	140.7	211.1
98	98	66.2	50.1	75.1





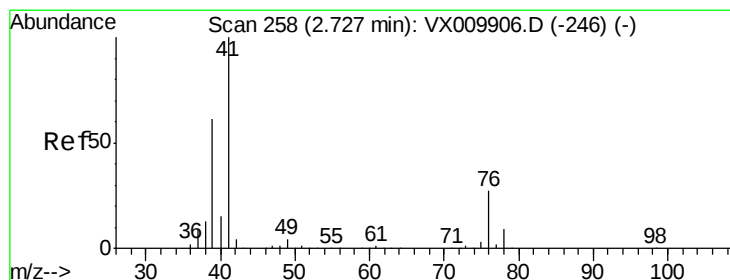
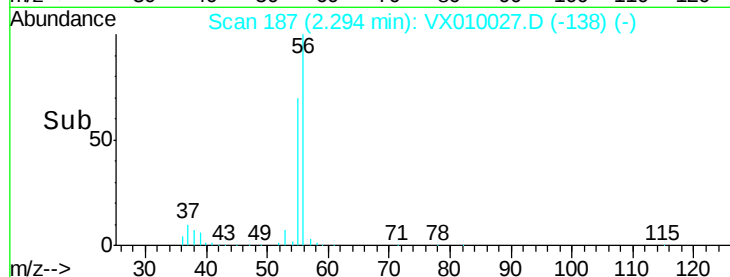
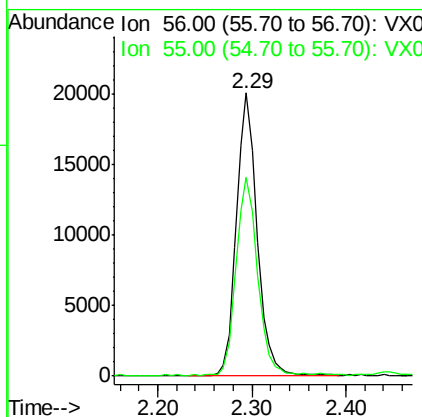
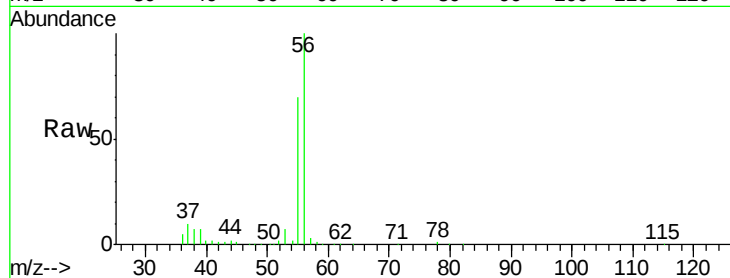
#13
Acrolein
Concen: 86.272 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion	56	55	Ratio	100	73.3	Resp	30800	Lower	57.0	Upper	85.4

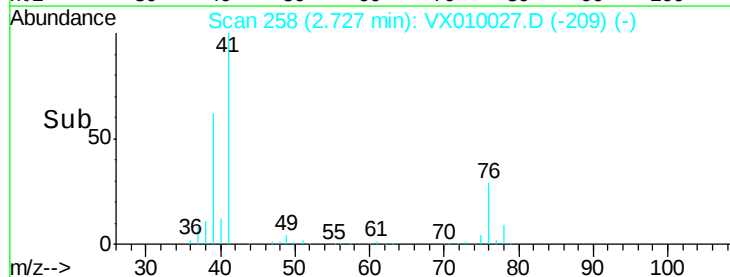
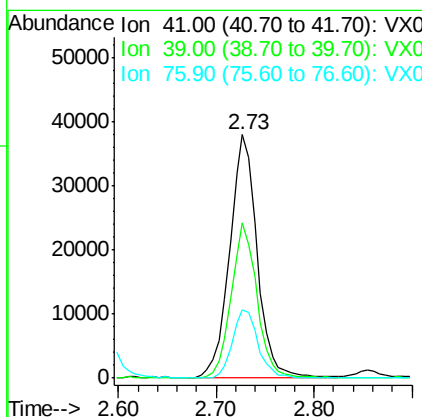
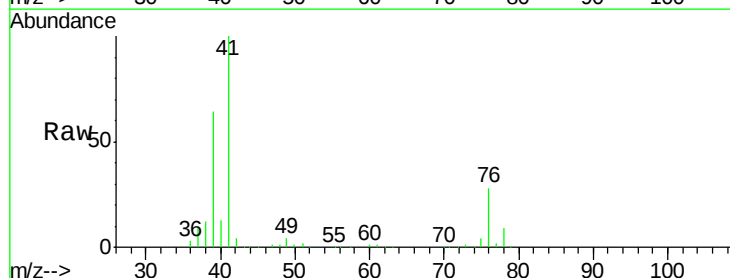
Manual Integrations
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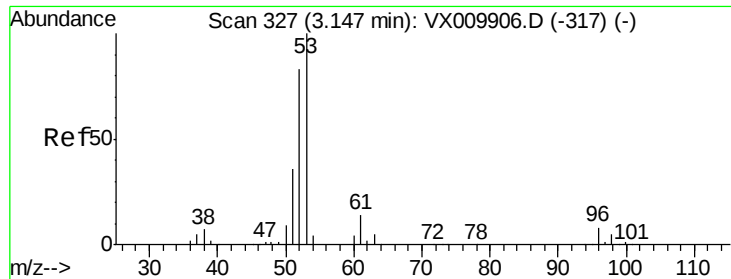
MMDadoda
6/4/2019 11:30:07 AM



#14
Allyl chloride
Concen: 16.890 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	41	39	76	Ratio	100	60.9	27.1	Resp	73002	Lower	46.7	21.0	Upper	70.1	31.4





#15

Acrylonitrile

Concen: 81.721 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

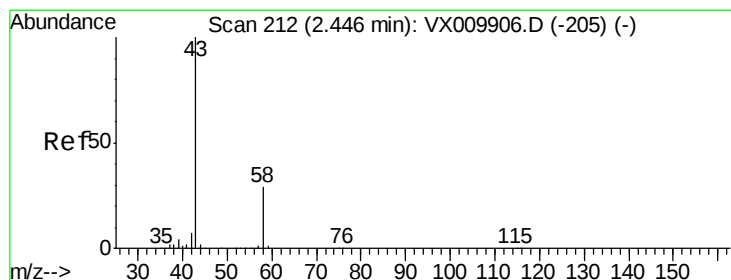
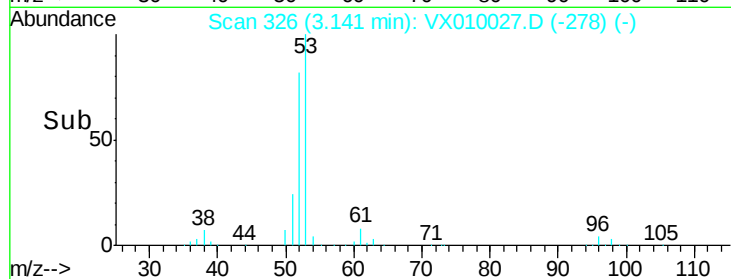
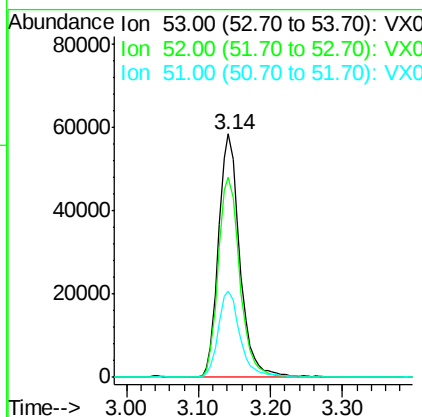
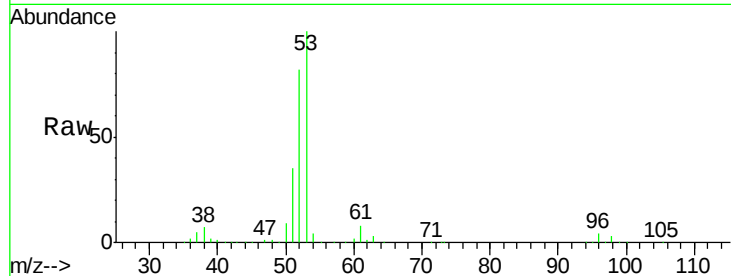
ClientSampleId :

VX0603WBS01

Tot Ion:	53	Resp:	120197
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.7	100.1
51	35.9	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
6/4/2019 11:30:07 AM



#16

Acetone

Concen: 87.377 ug/l

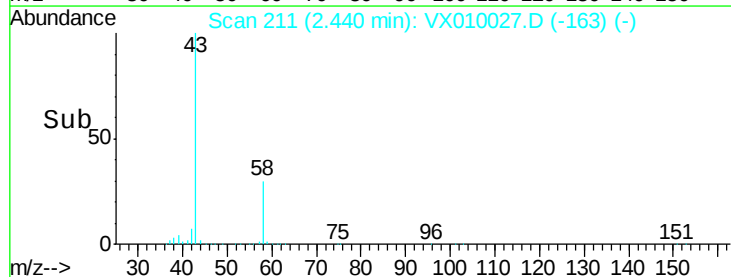
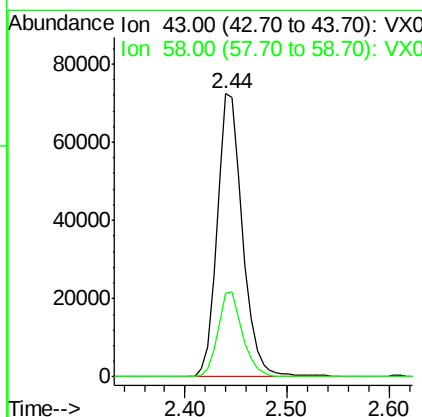
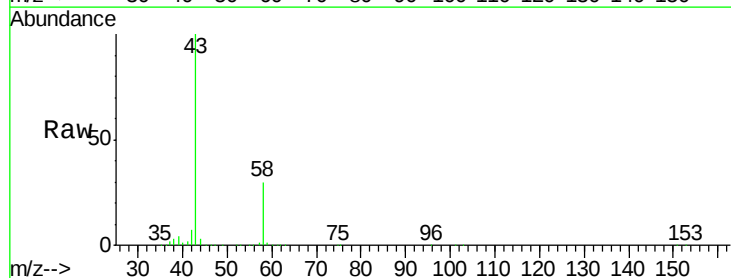
RT: 2.44 min Scan# 211

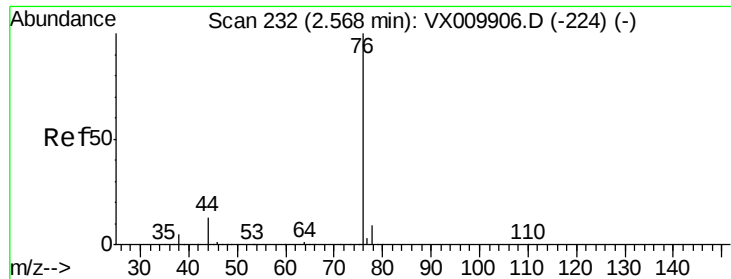
Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	43	Resp:	125223
Ion Ratio	Lower	Upper	
43	100		
58	29.6	23.2	34.8





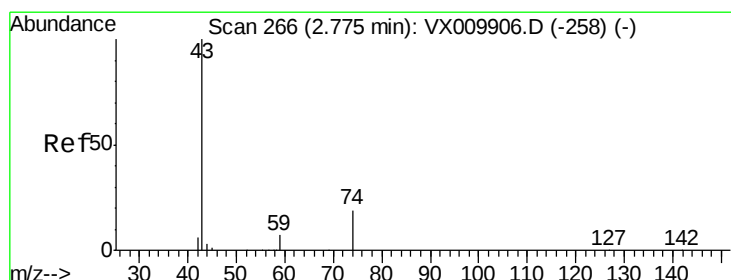
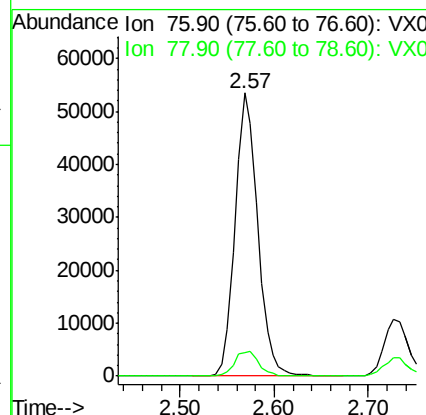
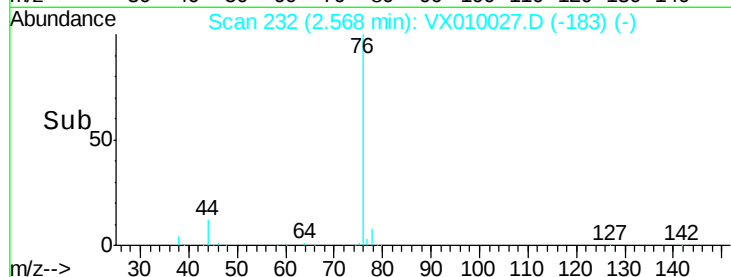
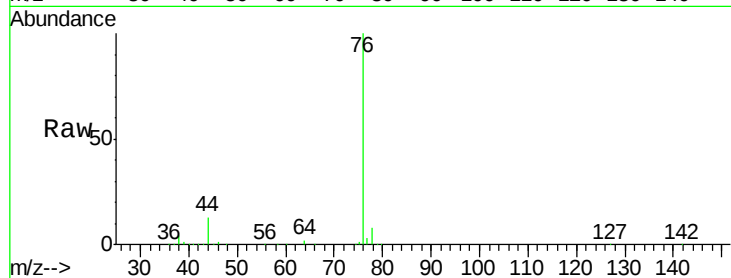
#17
Carbon Disulfide
Concen: 16.890 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.6

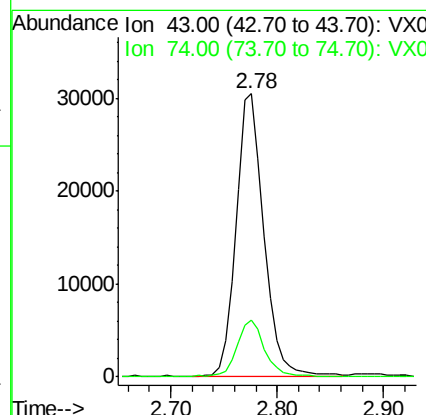
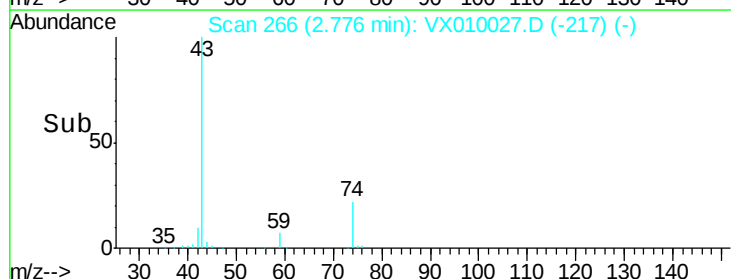
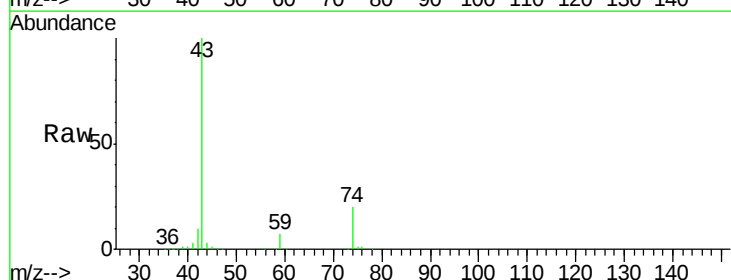
Manual Integrations
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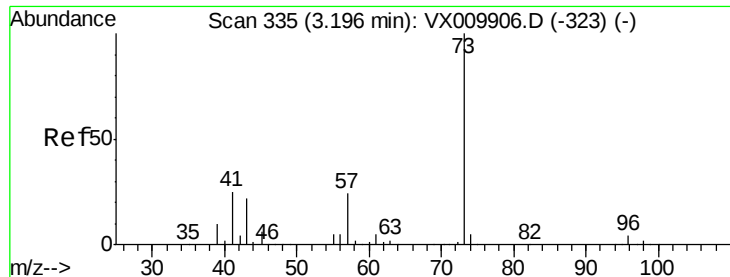
MMDadoda
6/4/2019 11:30:07 AM



#18
Methyl Acetate
Concen: 16.567 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	15.8	23.6





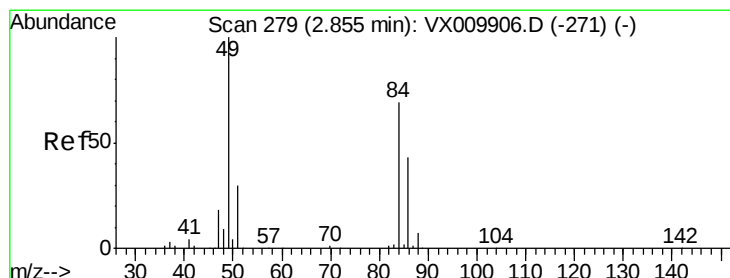
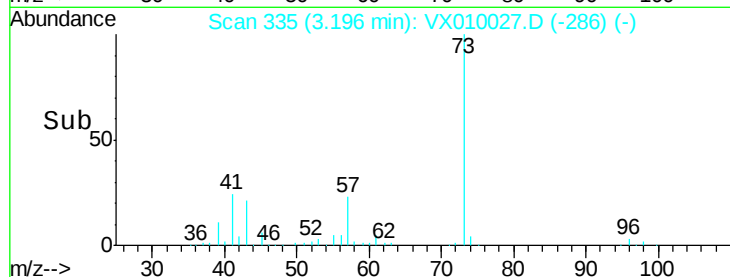
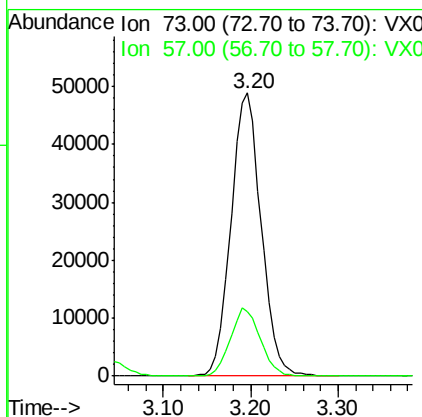
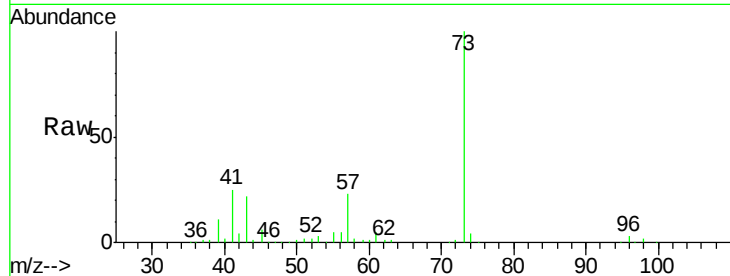
#19
Methyl tert-butyl Ether
Concen: 17.443 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.4	29.2

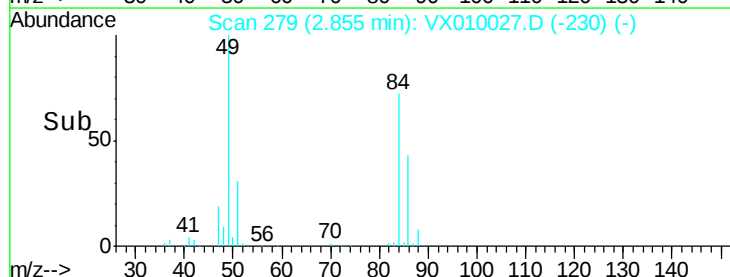
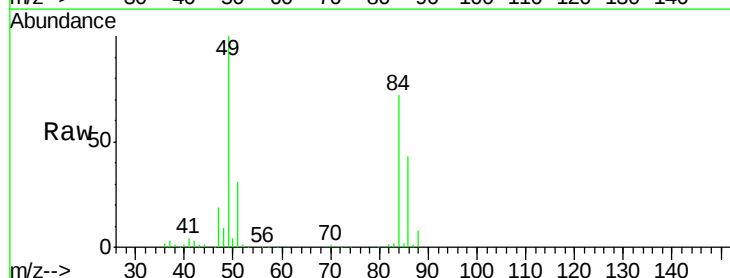
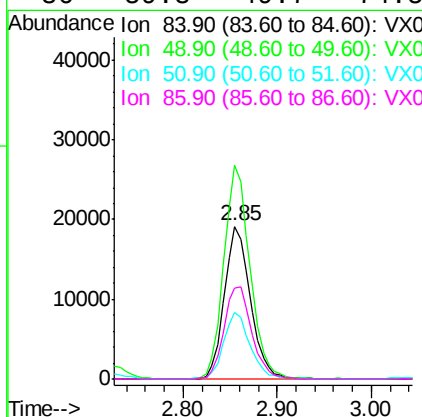
Manual Integrations
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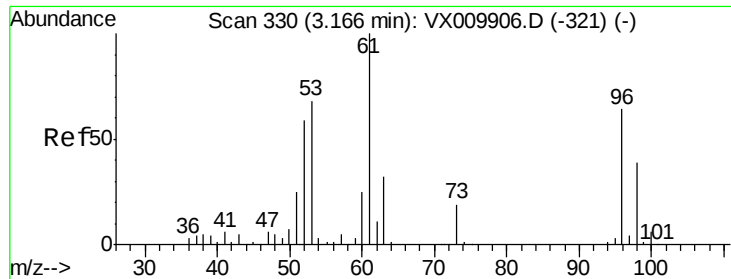
MMDadoda
6/4/2019 11:30:07 AM



#20
Methylene Chloride
Concen: 16.804 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.5	115.8	173.6
51	43.2	34.4	51.6
86	59.8	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 16.954 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 96 Resp: 33546

Ion Ratio Lower Upper

96 100

61 155.5 125.7 188.5

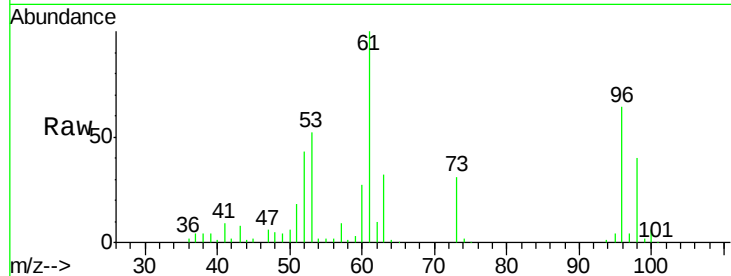
98 63.0 49.0 73.6

Manual Integrations

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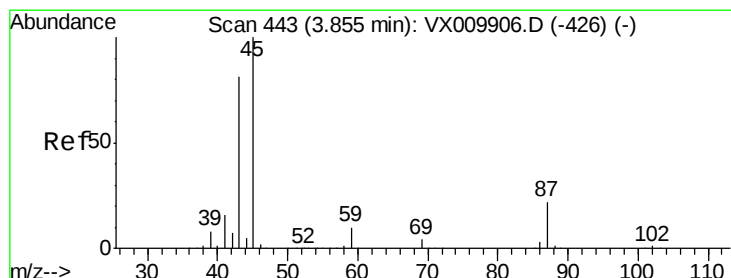
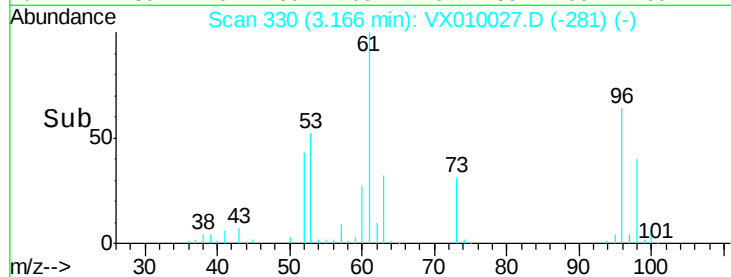
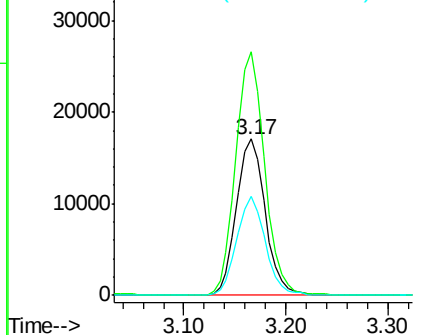
6/4/2019 11:30:07 AM



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: 17.441 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion: 45 Resp: 143434

Ion Ratio Lower Upper

45 100

43 75.0 65.0 97.4

87 23.8 17.3 25.9

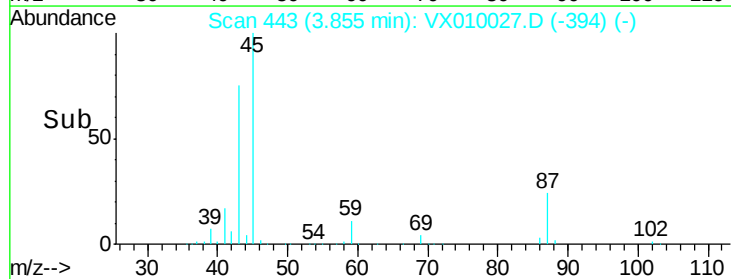
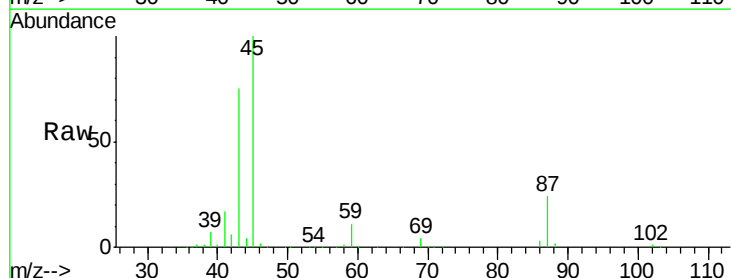
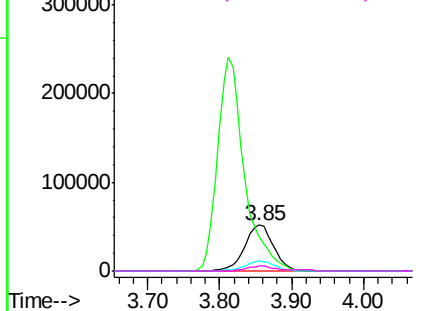
59 11.0 8.1 12.1

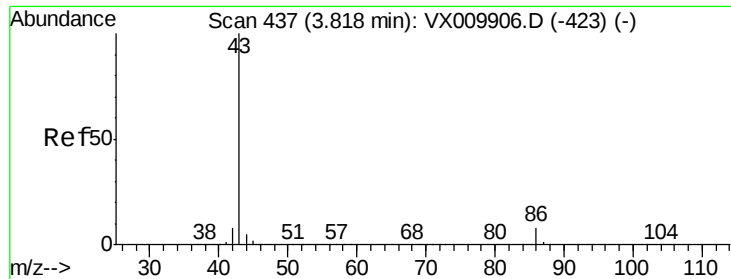
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 84.324 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 43 Resp: 622973

Ion Ratio Lower Upper

43 100

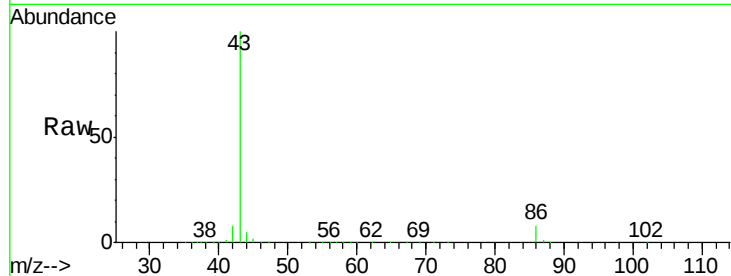
86 8.4 6.5 9.7

Manual Integrations

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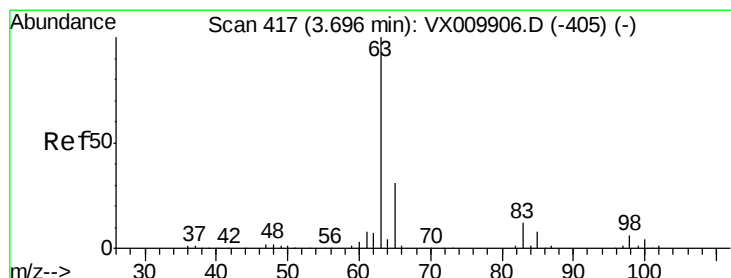
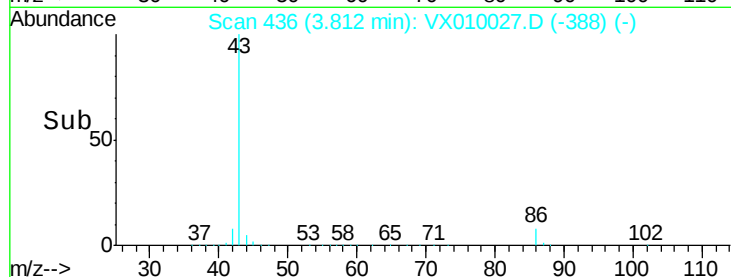
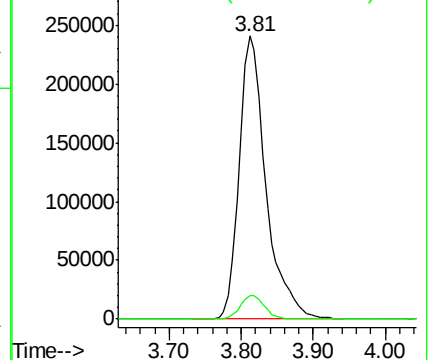
MMDadoda

6/4/2019 11:30:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.225 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

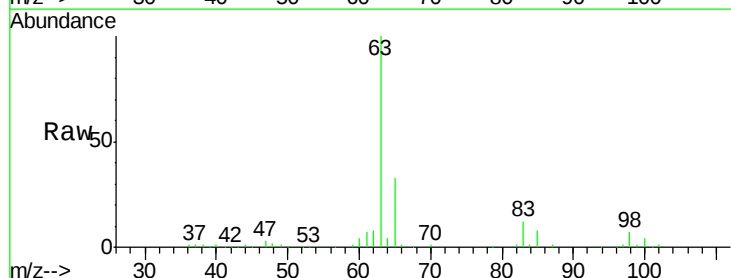
Tgt Ion: 63 Resp: 68650

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

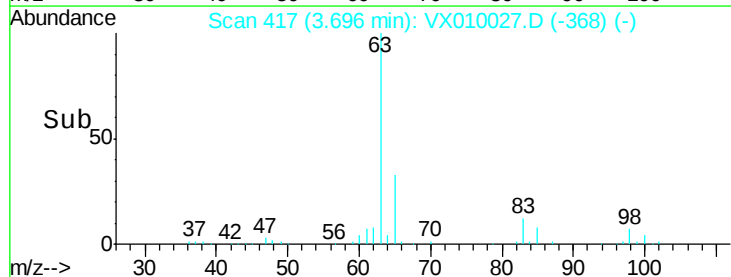
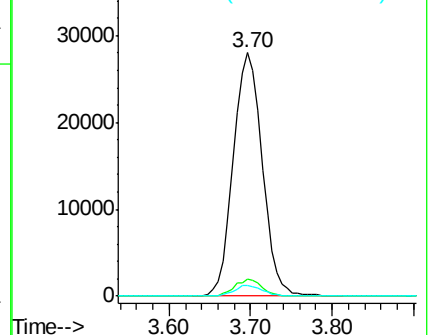
100 4.2 1.8 5.4

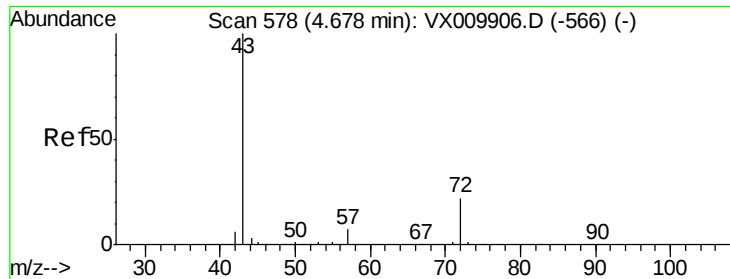


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.817 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 43 Resp: 187146

Ion Ratio Lower Upper

43 100

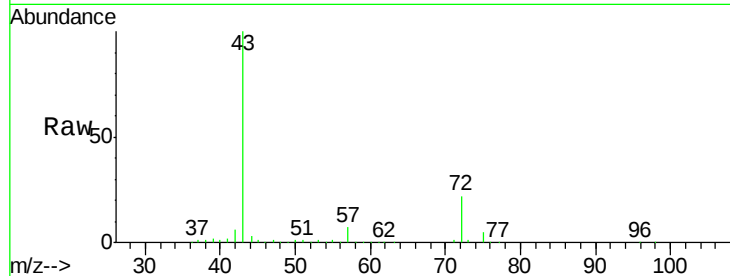
72 22.1 17.5 26.3

Manual Integrations

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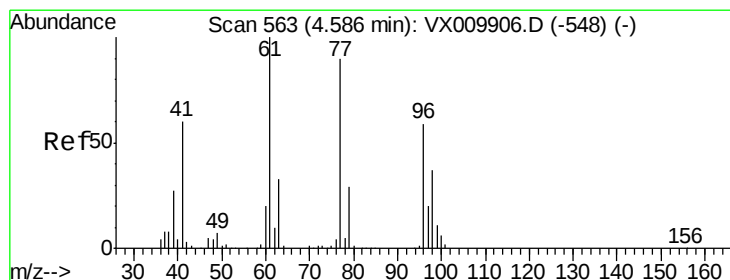
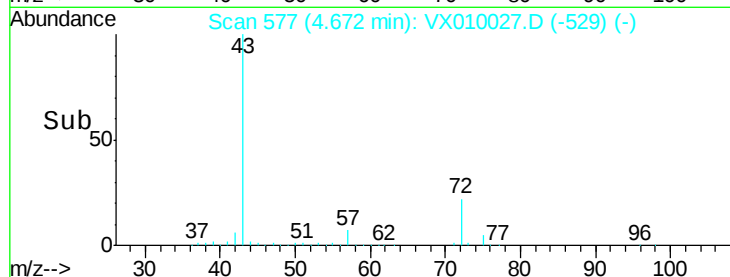
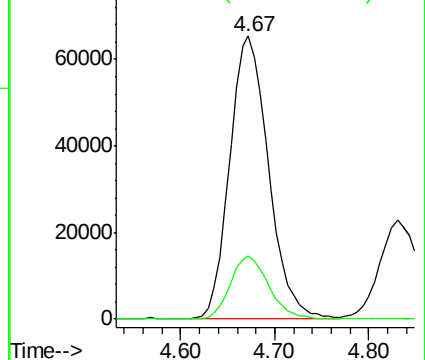
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.756 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010027.D

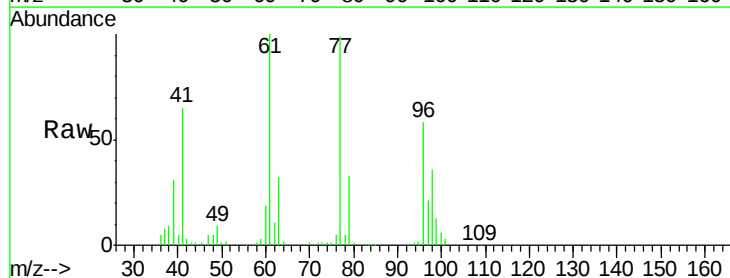
Acq: 03 Jun 2019 11:43

Tgt Ion: 77 Resp: 53531

Ion Ratio Lower Upper

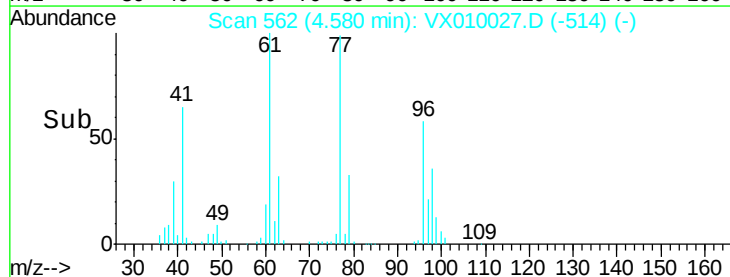
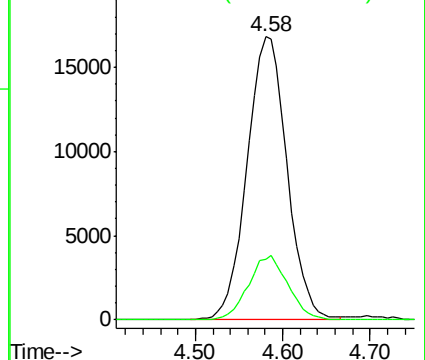
77 100

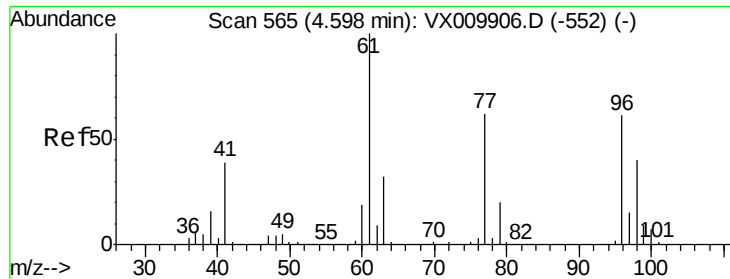
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

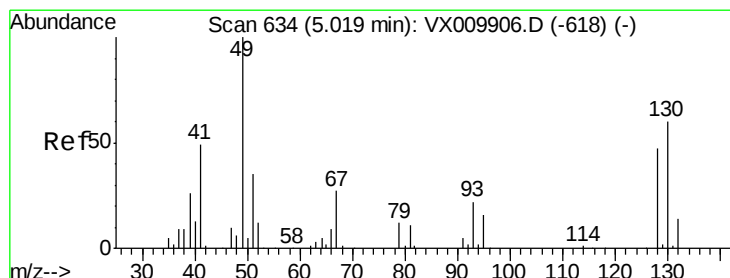
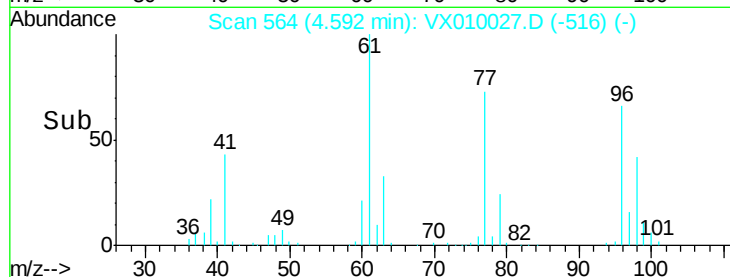
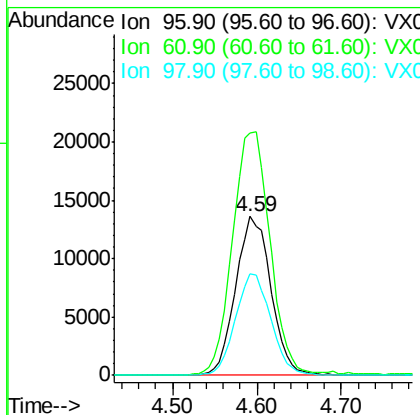
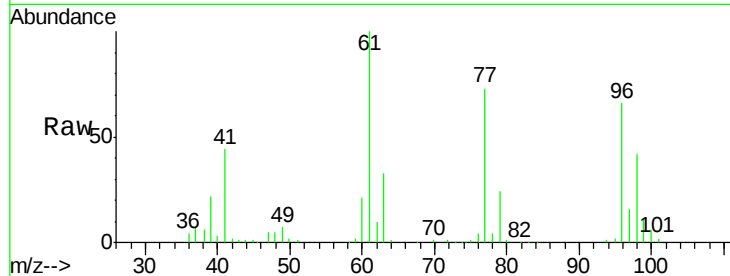
cis-1,2-Dichloroethene
 Concen: 16.984 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	38791		
61	162.7	0.0	334.0	
98	63.6	0.0	131.6	

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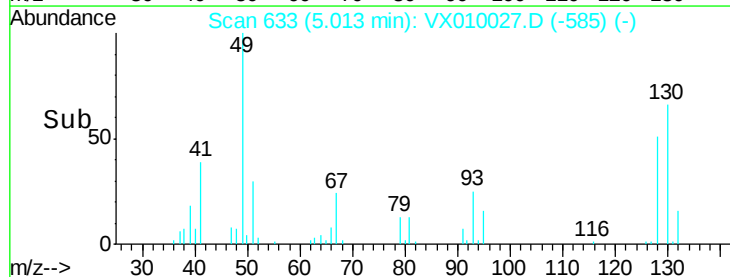
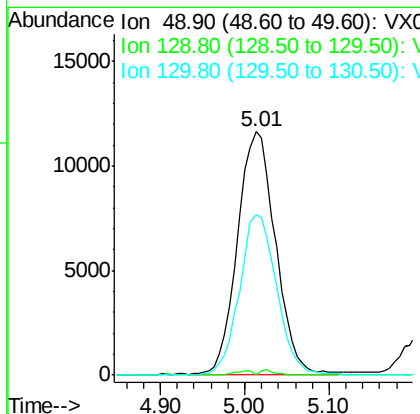
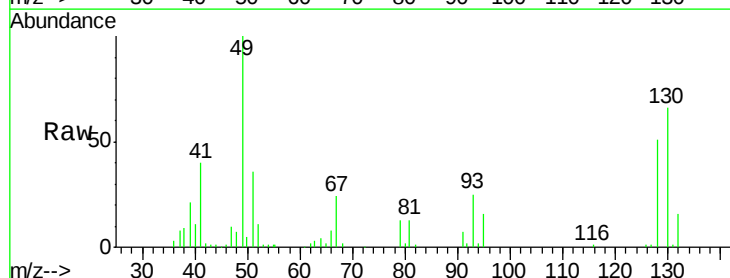
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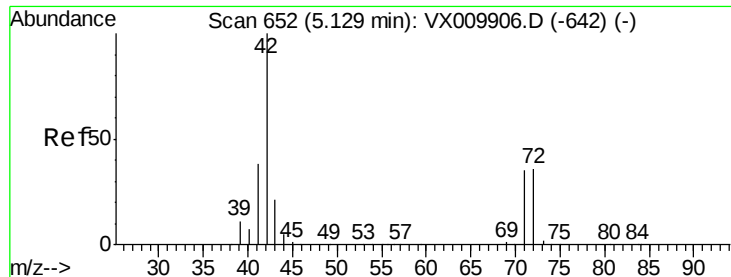


#28

Bromochloromethane
 Concen: 17.296 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35771		
129	0.8	0.0	3.4	
130	64.3	49.4	74.2	





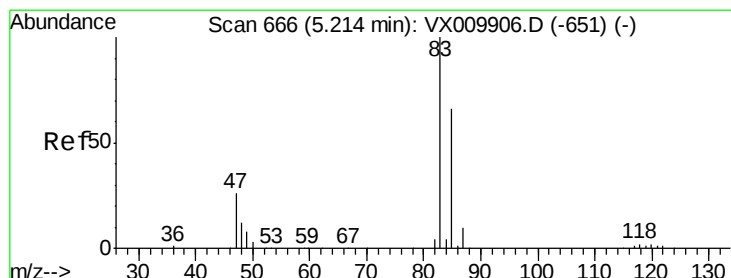
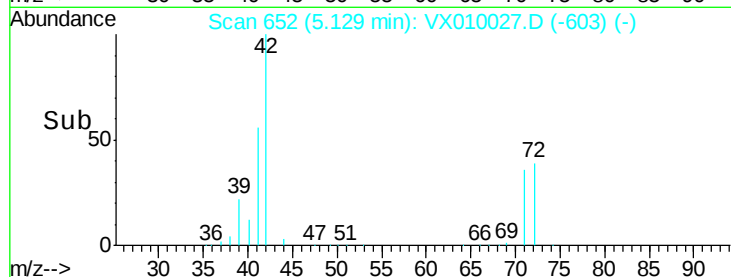
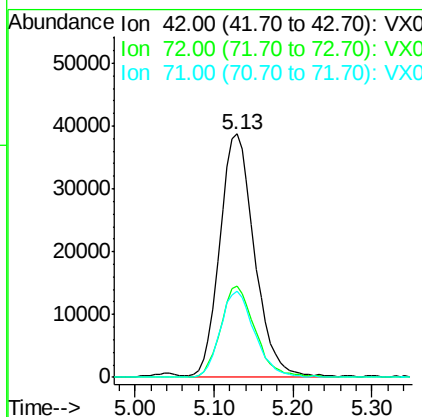
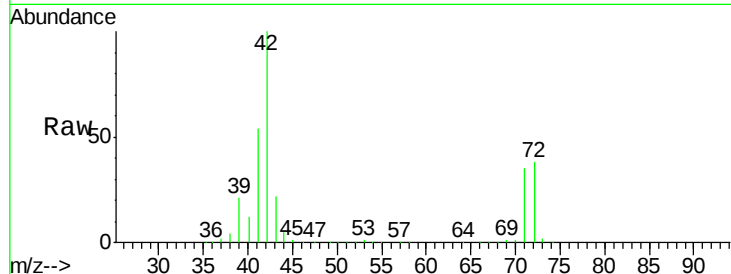
#29
Tetrahydrofuran
Concen: 82.219 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.2	43.8
71	35.1	27.6	41.4

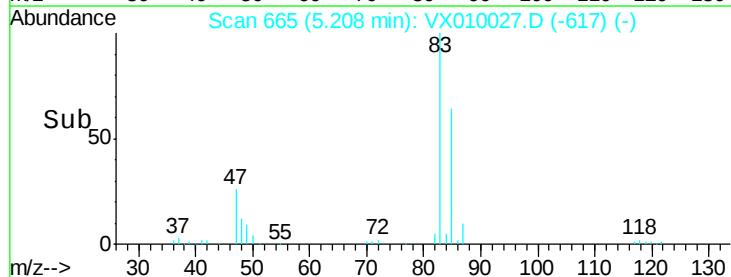
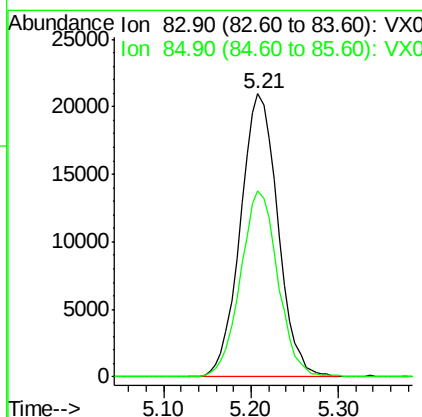
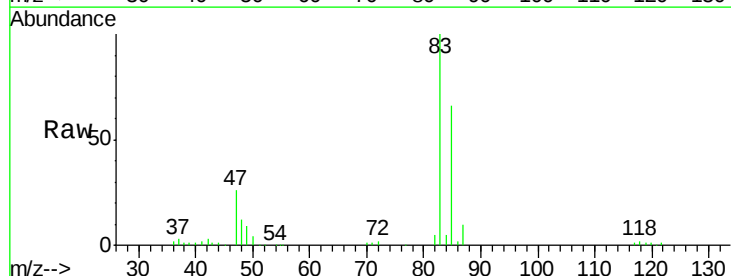
Manual Integrations
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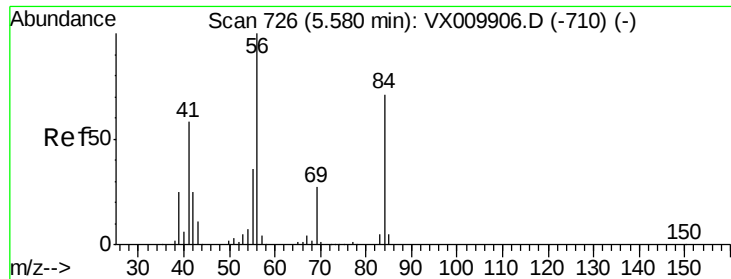
MMDadoda
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#30
Chloroform
Concen: 17.396 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	78.8





#31

Cyclohexane

Concen: 18.411 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

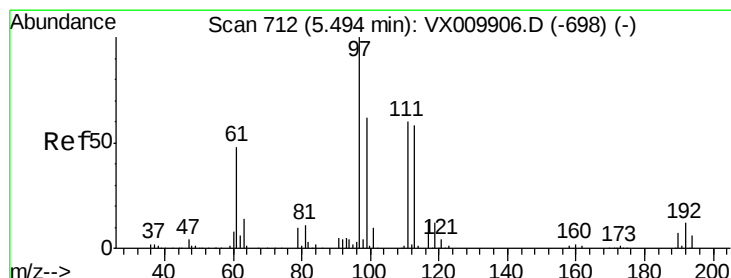
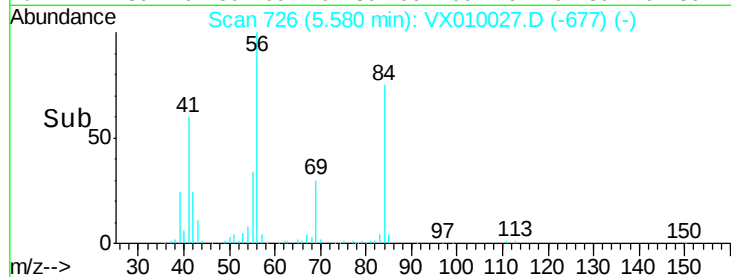
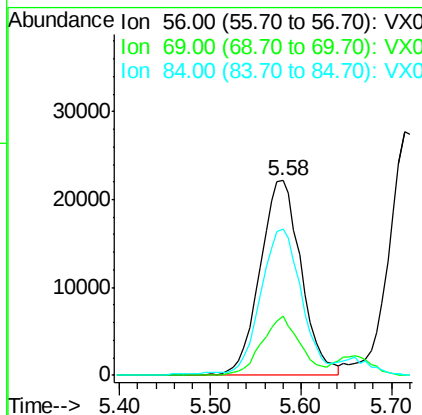
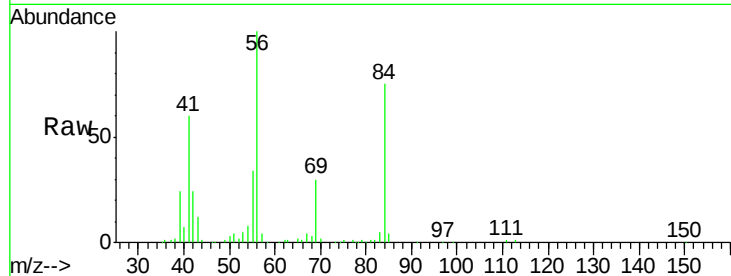
ClientSampleId :

VX0603WBS01

Tot Ion:	56	Resp:	69495
Ion	Ratio	Lower	Upper
56	100		
69	30.4	21.6	32.4
84	74.2	56.8	85.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.070 ug/l

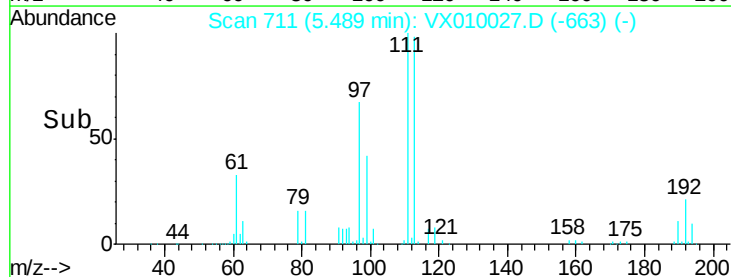
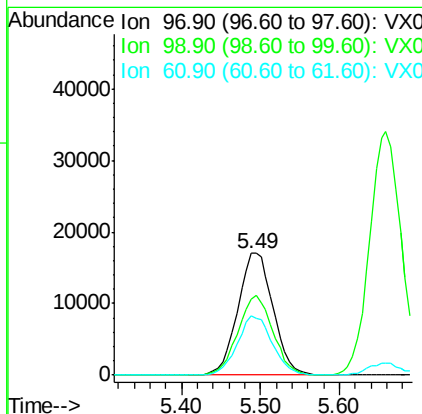
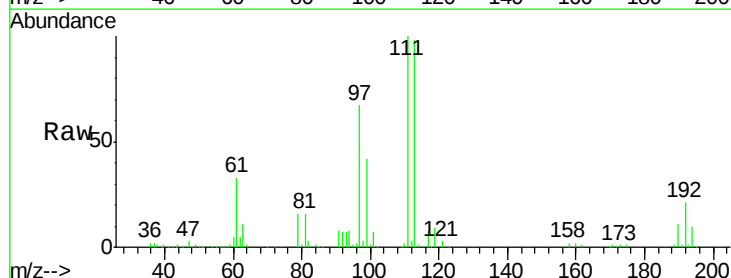
RT: 5.49 min Scan# 711

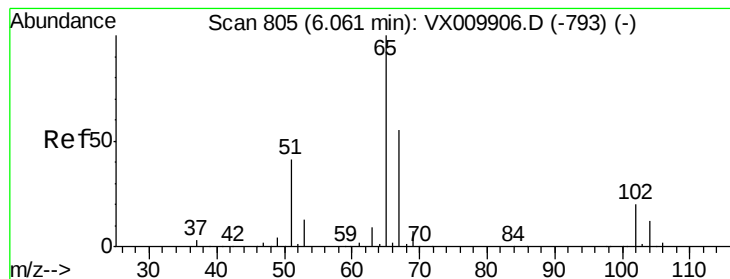
Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	97	Resp:	52893
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	48.5	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 41.570 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tot Ion: 65 Resp: 103111

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4

Instrument :

MSVOA_X

ClientSampled :

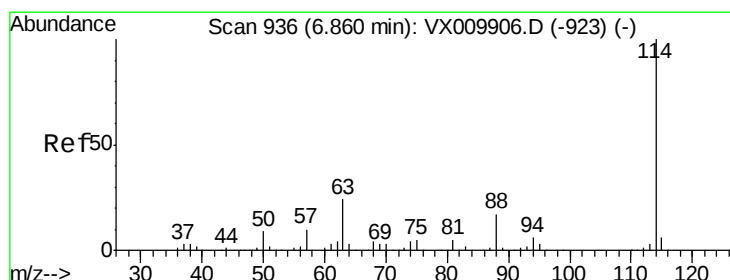
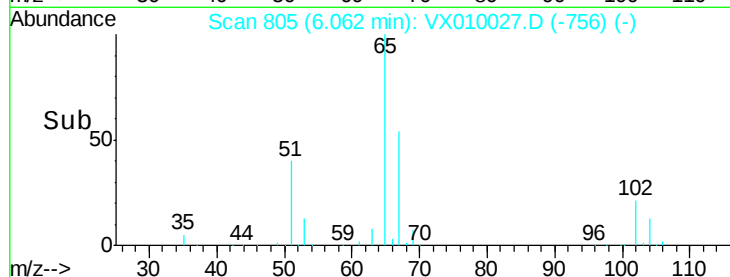
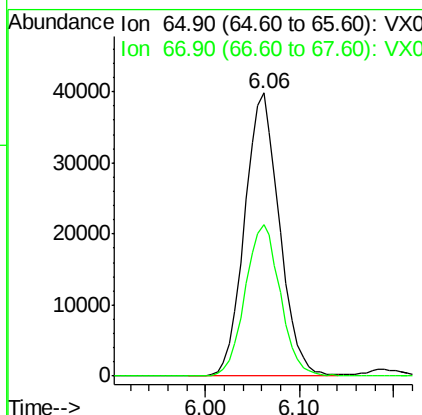
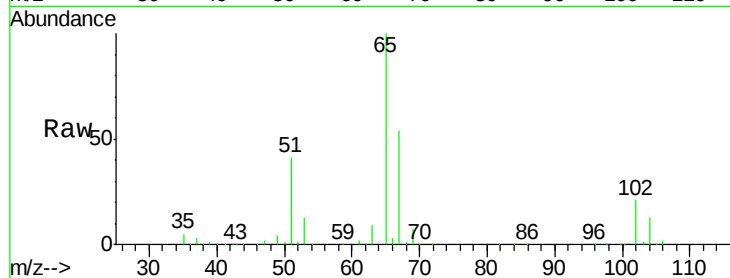
VX0603WBS01

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

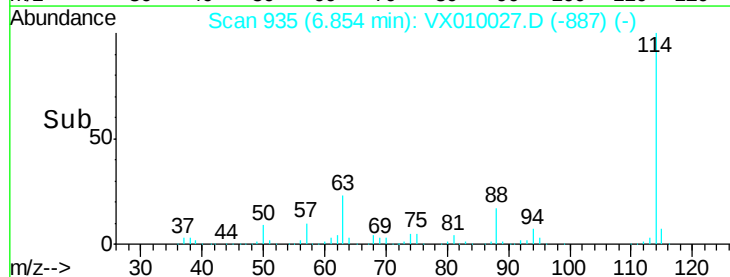
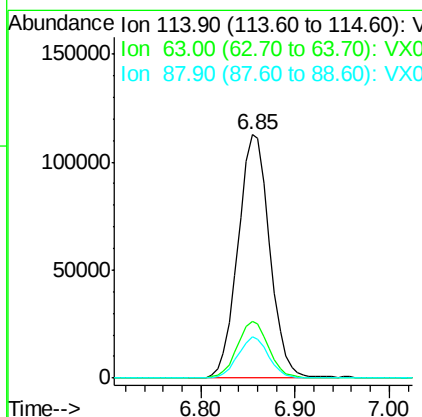
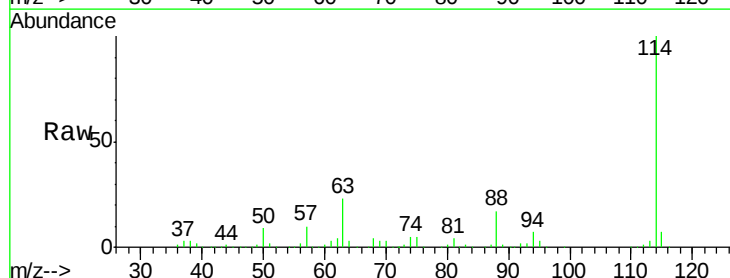
Tgt Ion: 114 Resp: 265579

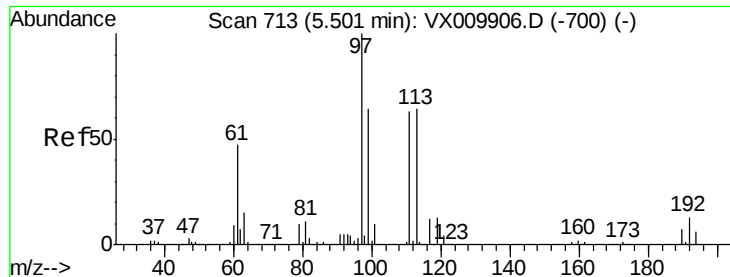
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.926 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

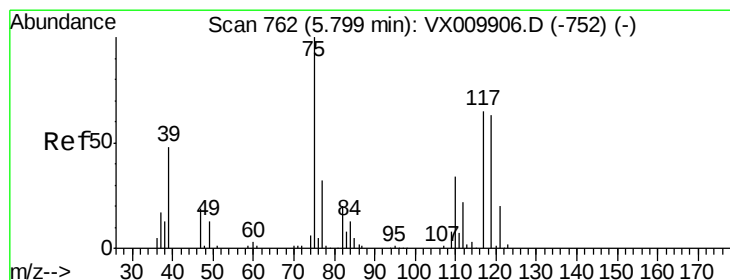
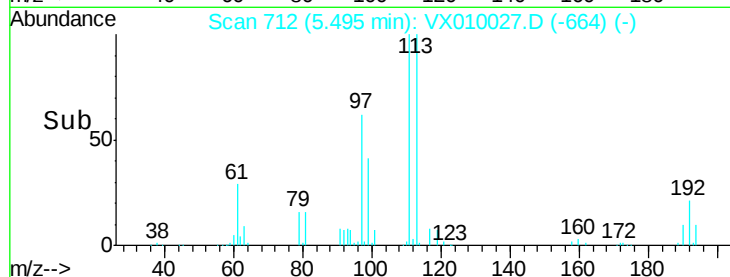
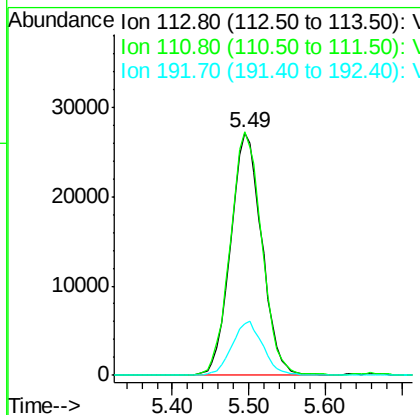
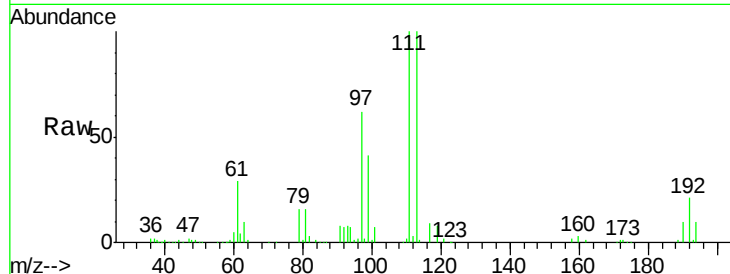
ClientSampleId :

VX0603WBS01

Tot Ion:	113	Resp:	76683
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.2	123.2
192	22.0	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 18.219 ug/l

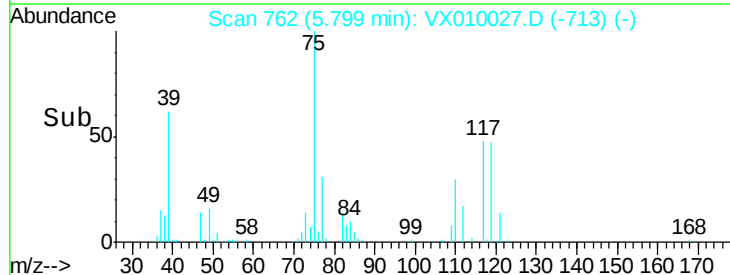
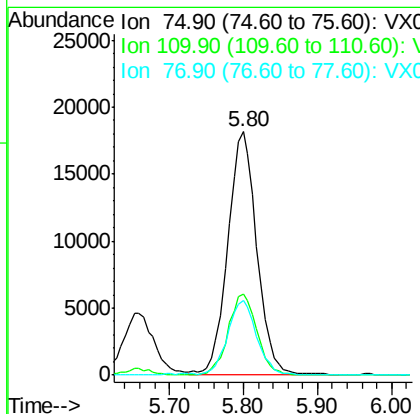
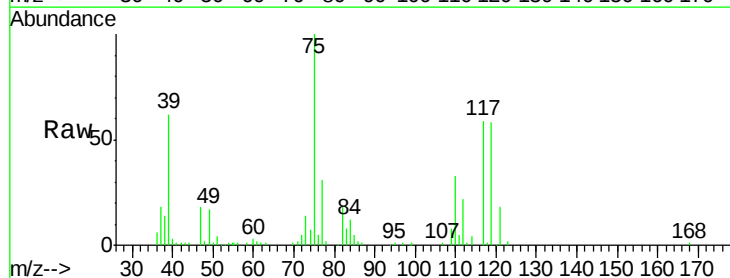
RT: 5.80 min Scan# 762

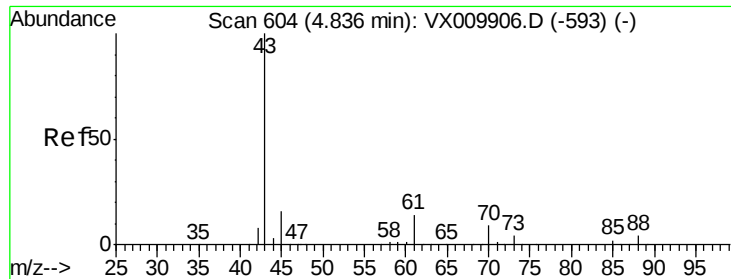
Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	75	Resp:	49093
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.7	50.1
77	31.2	25.0	37.4





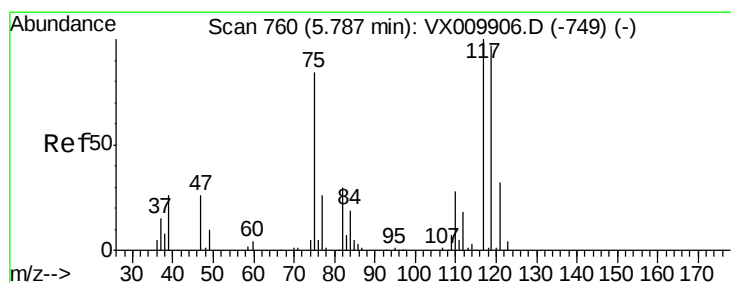
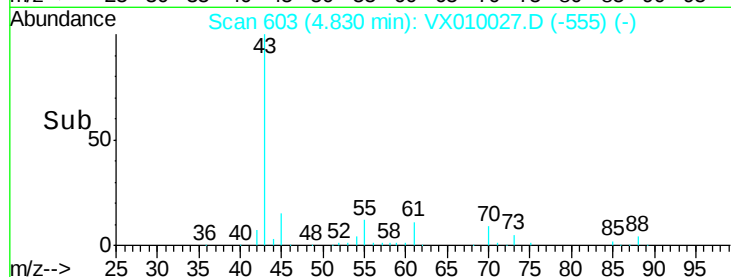
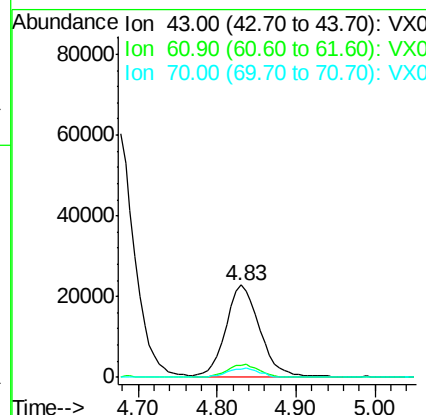
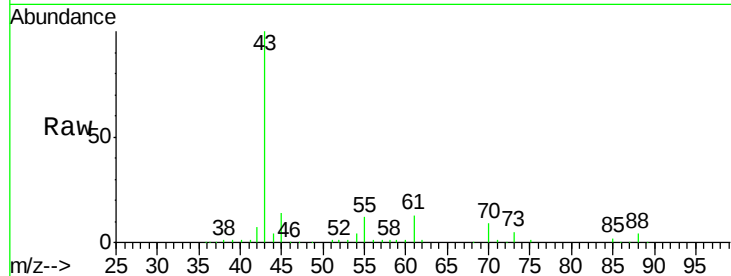
#37
Ethyl Acetate
Concen: 17.972 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	9.8	7.4	11.2

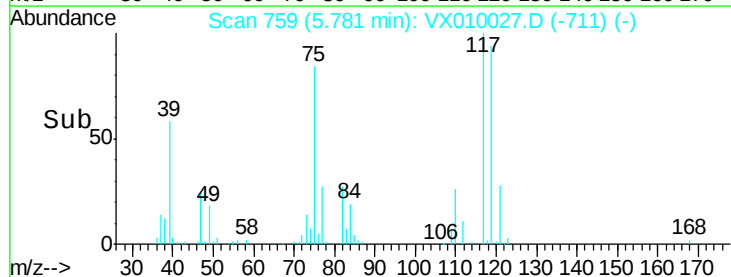
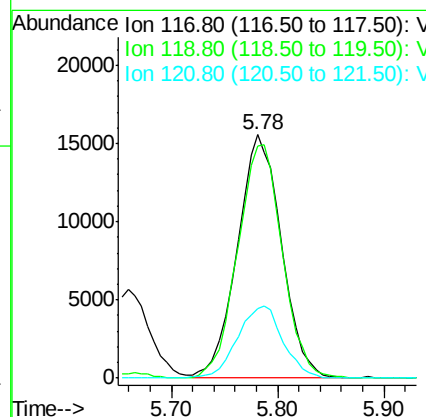
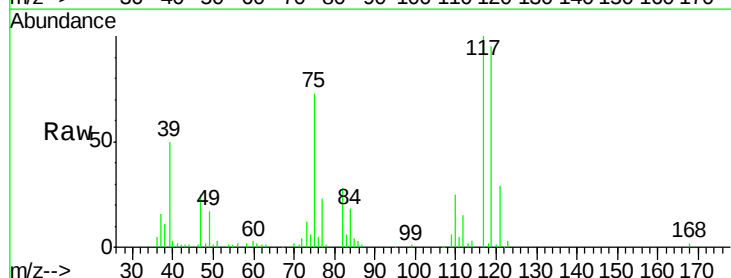
Manual Integrations
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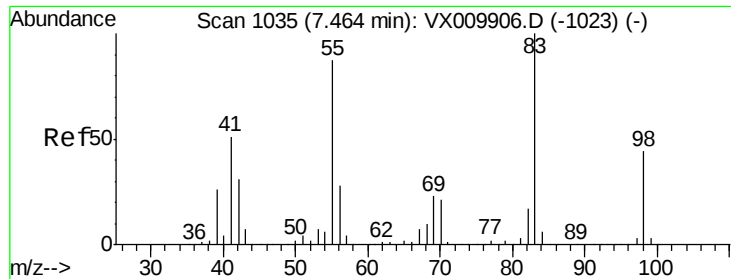
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#38
Carbon Tetrachloride
Concen: 19.362 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.3	115.9
121	28.5	25.4	38.0





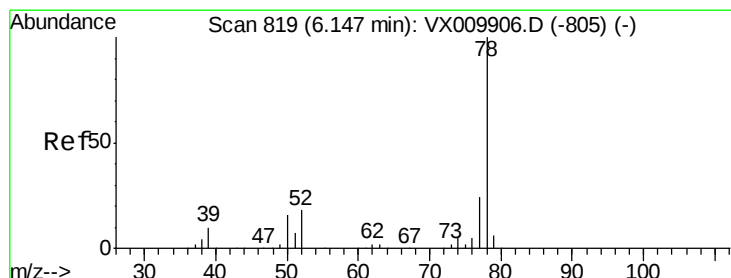
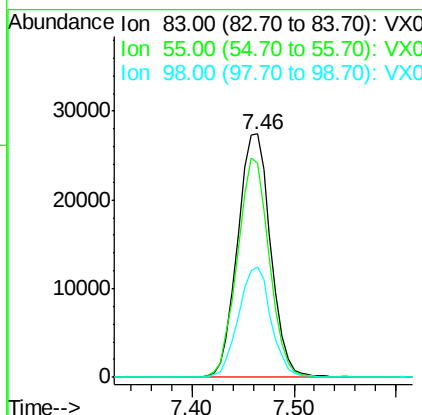
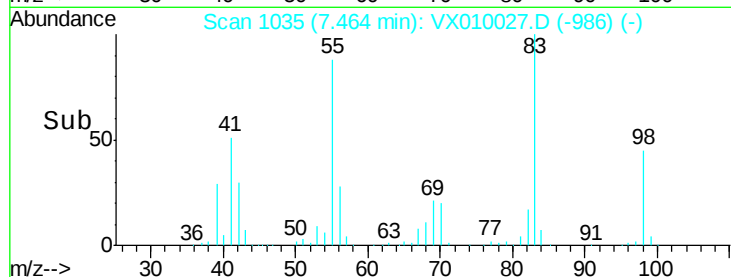
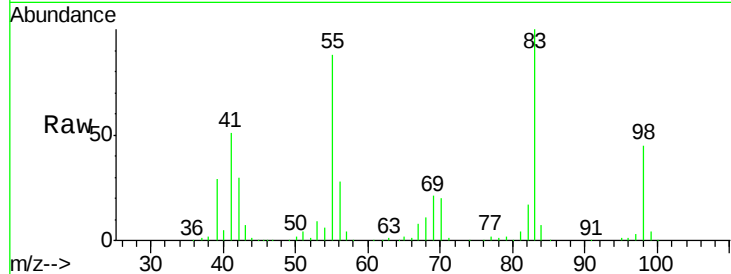
#39
Methvlcvclohexane
Concen: 19.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.8	69.9	104.9
98	45.3	35.1	52.7

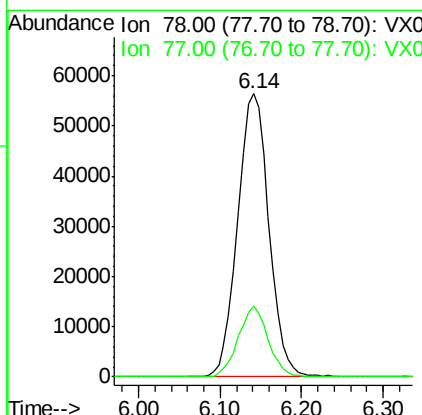
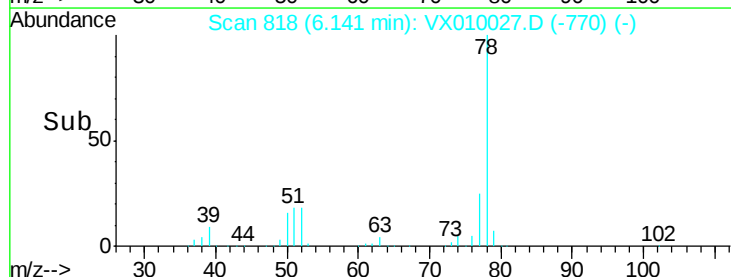
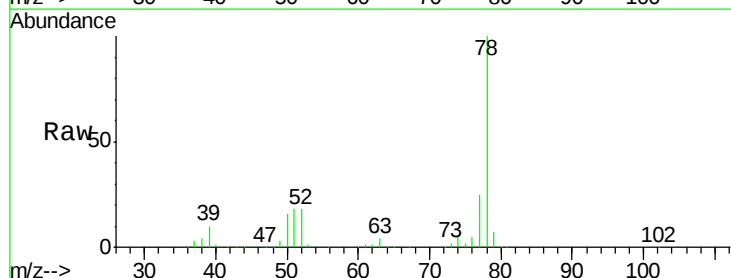
Manual Integrations
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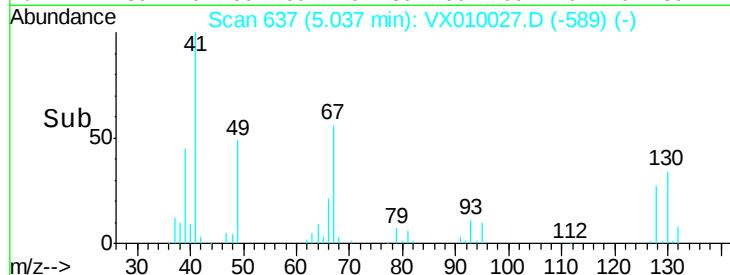
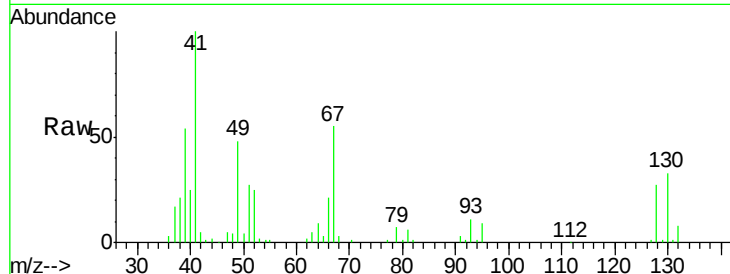
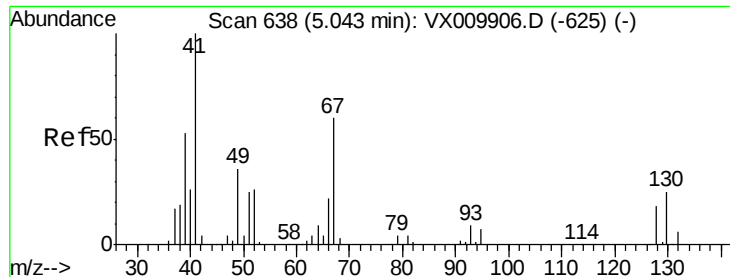
MMDadoda
6/4/2019 11:30:07 AM



#40
Benzene
Concen: 18.783 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8





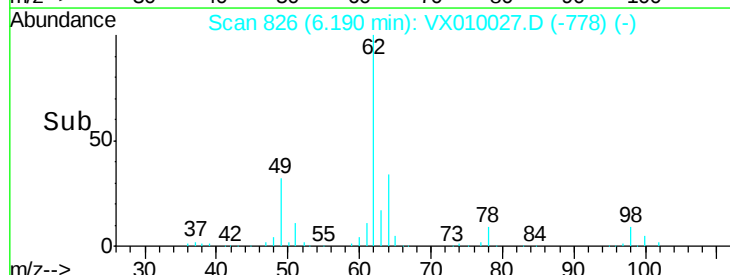
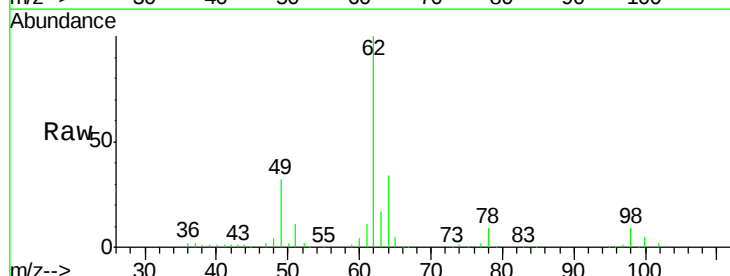
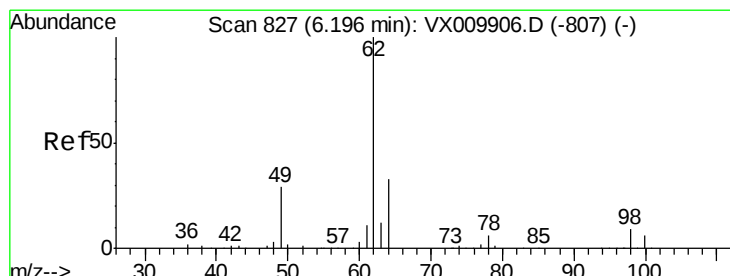
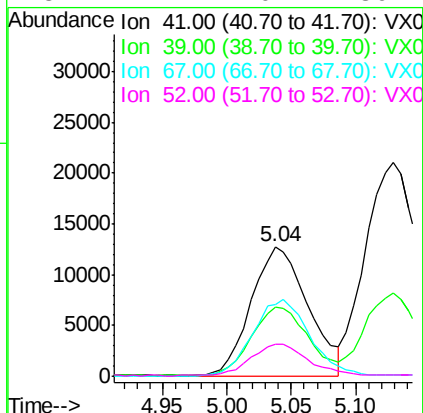
#41
Methacrylonitrile
Concen: 17.711 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.2	63.4	
67	60.5	48.9	73.3	
52	27.1	20.1	30.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

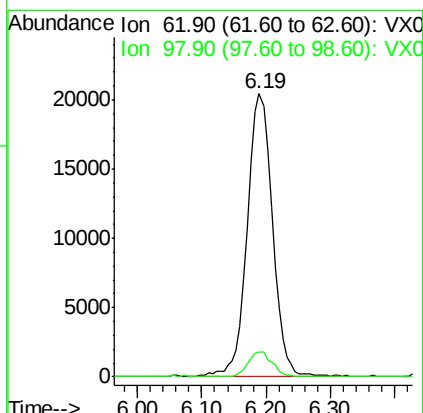
Manual Integrations
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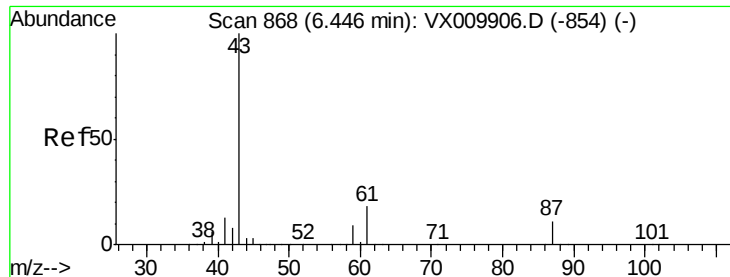
MMDadoda
6/4/2019 11:30:07 AM



#42
1,2-Dichloroethane
Concen: 18.653 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.2	





#43

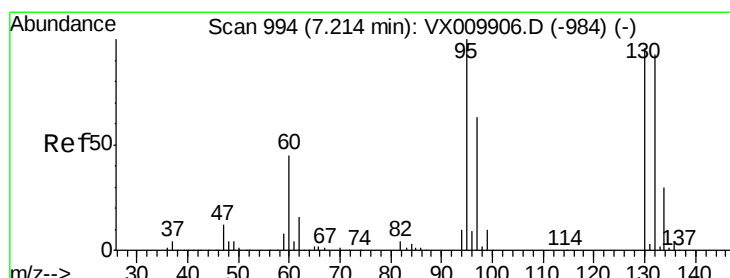
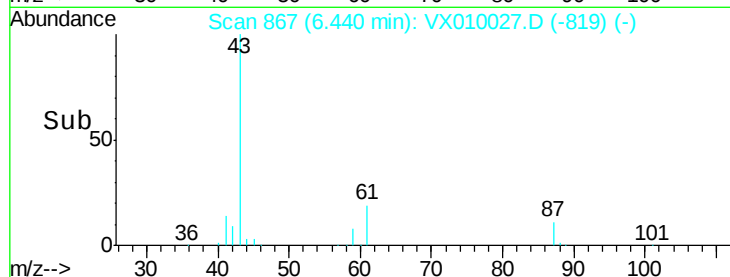
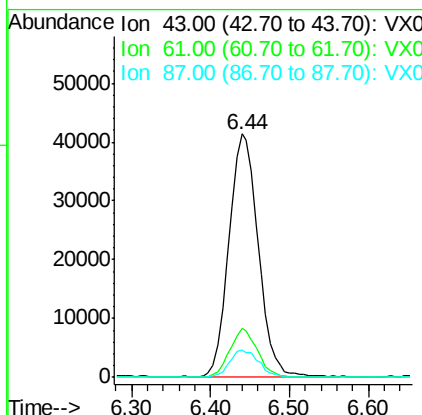
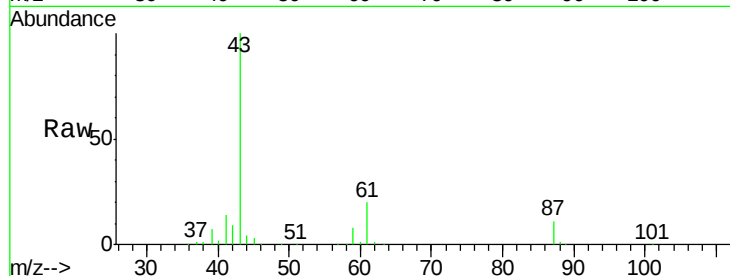
Isopropyl Acetate
 Concen: 17.580 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	21.8
87	11.3	8.7	13.1

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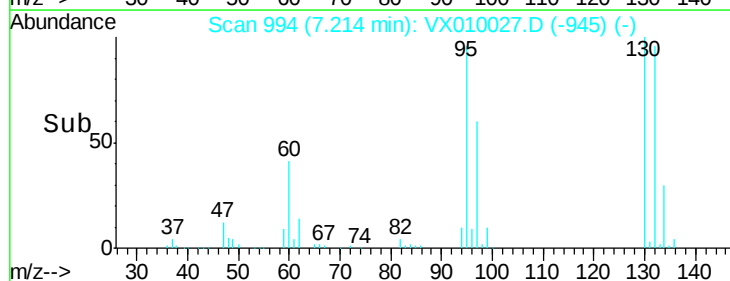
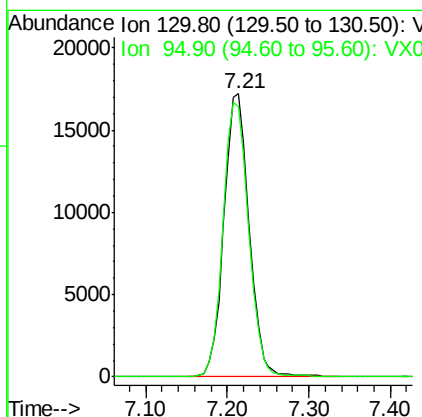
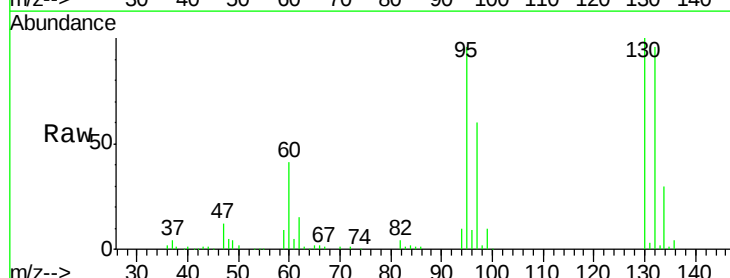
MMDadoda
 6/4/2019 11:30:07 AM

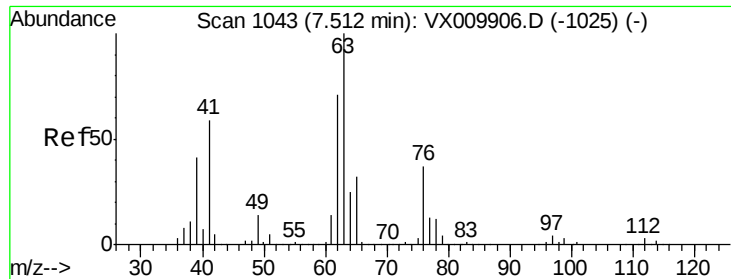


#44

Trichloroethene
 Concen: 18.899 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	207.4





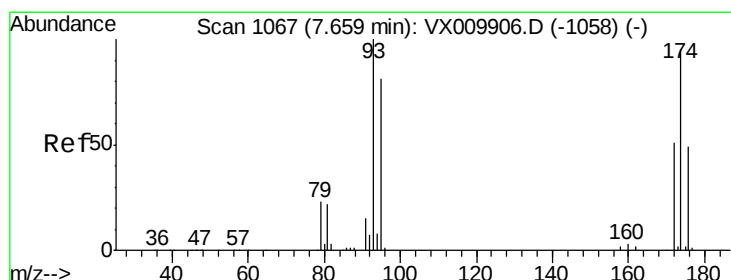
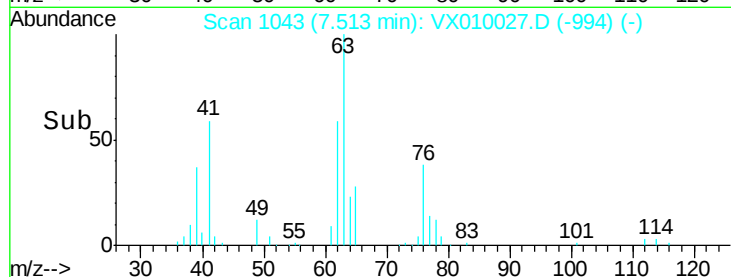
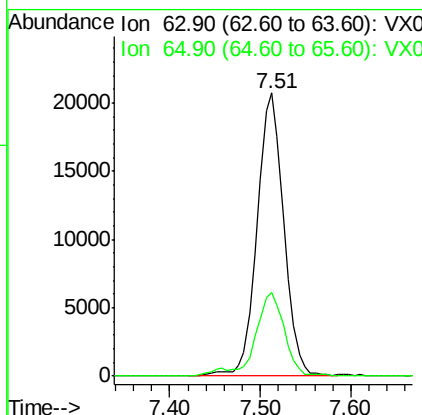
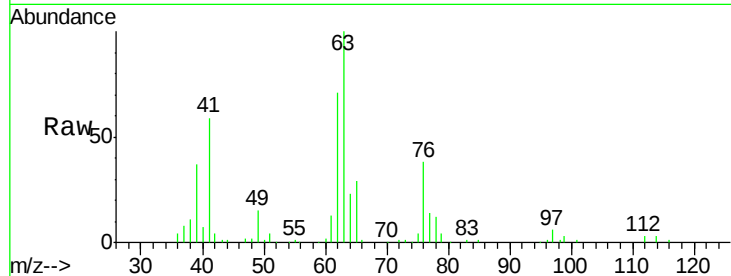
#45
 1,2-Dichloropropane
 Concen: 18.389 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion: 63 Resp: 42314
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.7 38.5

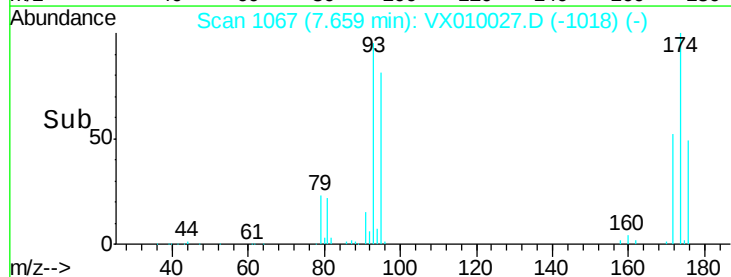
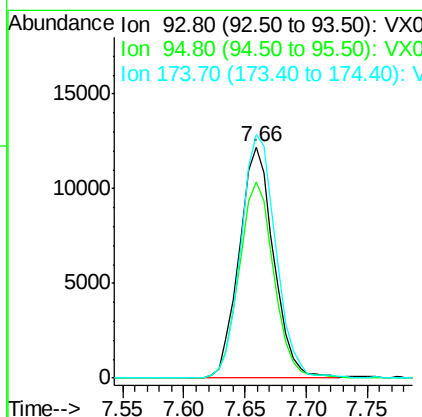
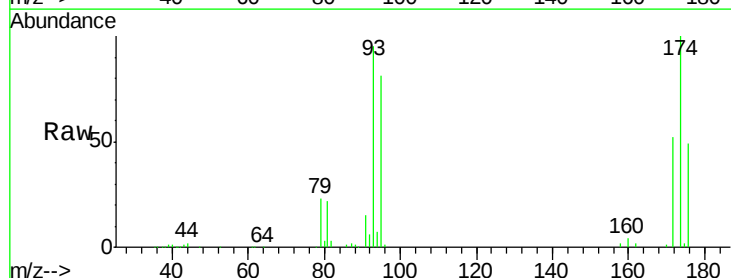
Manual Integrations
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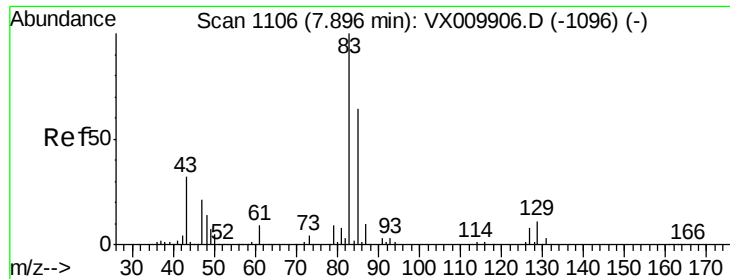
MMDadoda
 6/4/2019 11:30:07 AM



#46
 Dibromomethane
 Concen: 17.621 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 93 Resp: 23867
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.8 100.2
 174 107.3 81.9 122.9





#47

Bromodichloromethane

Concen: 18.983 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

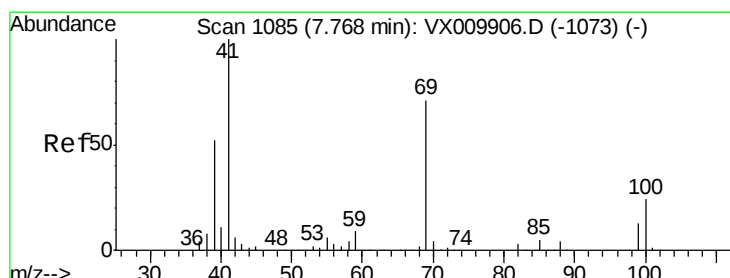
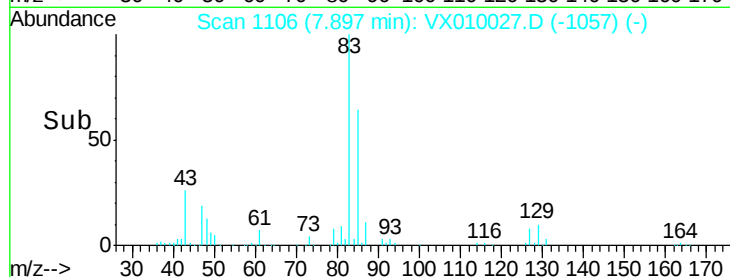
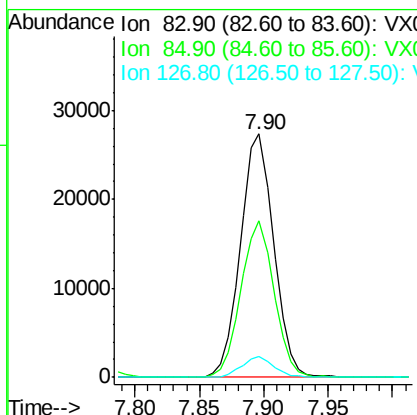
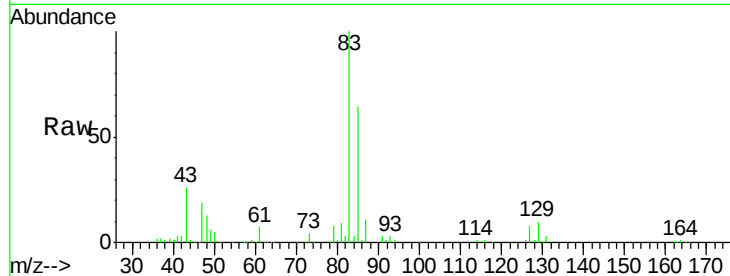
ClientSampled :

VX0603WBS01

Tot Ion:	83	Resp:	48892
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.4	77.2
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.770 ug/l

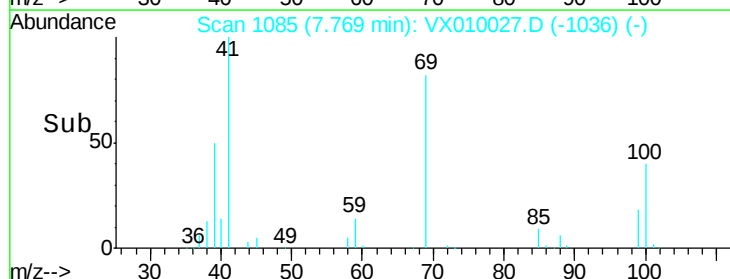
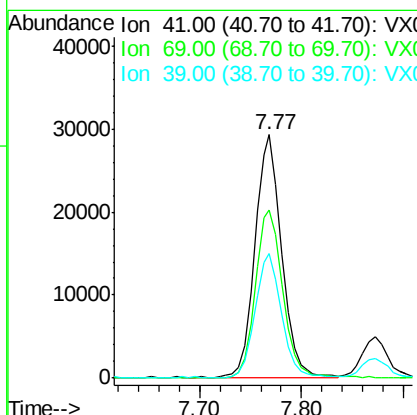
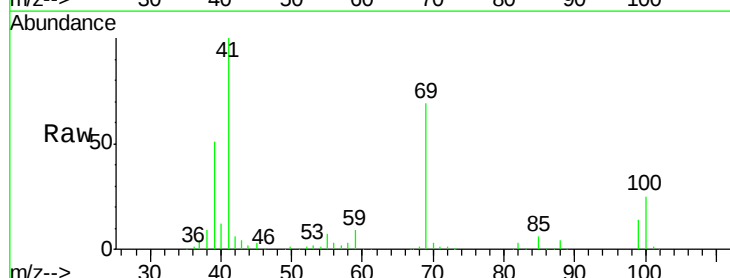
RT: 7.77 min Scan# 1085

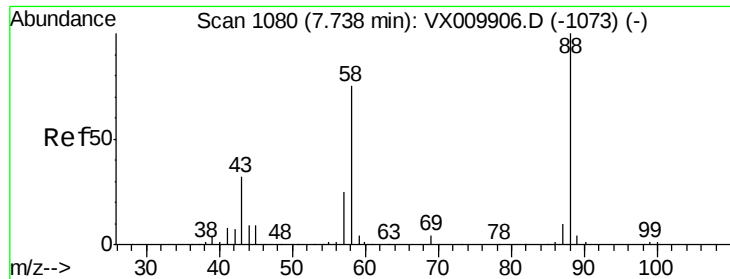
Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	41	Resp:	53292
Ion Ratio	Lower	Upper	
41	100		
69	71.8	56.4	84.6
39	50.5	40.6	60.8





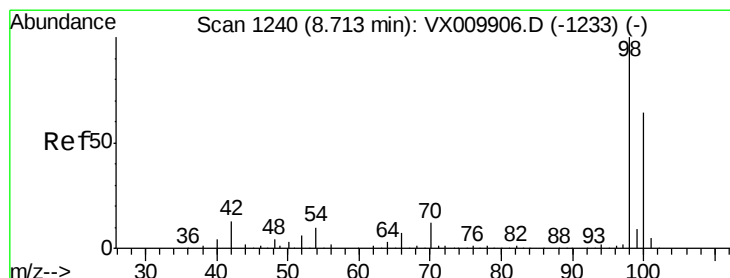
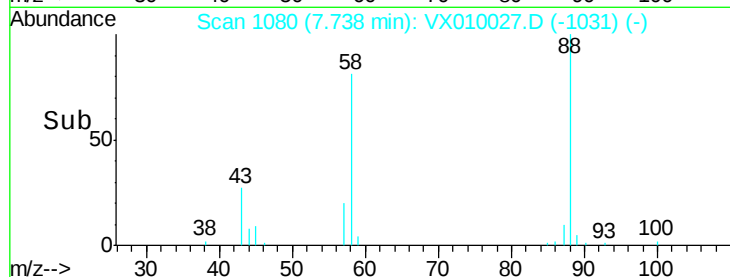
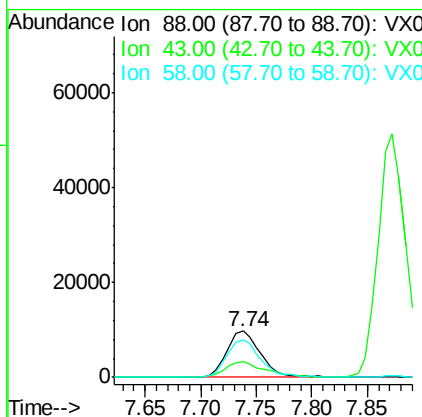
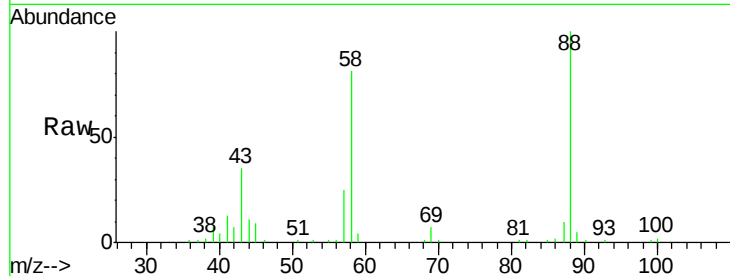
#49
1,4-Dioxane
Concen: 367.018 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	30.2	45.4
58	82.5	64.0	96.0

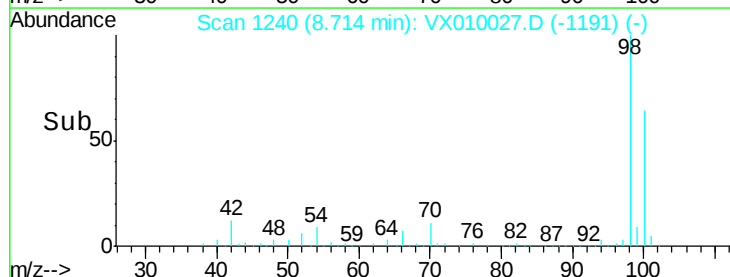
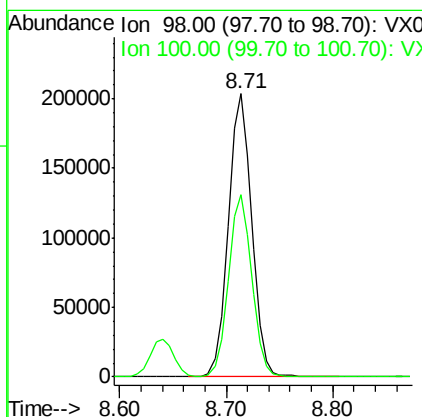
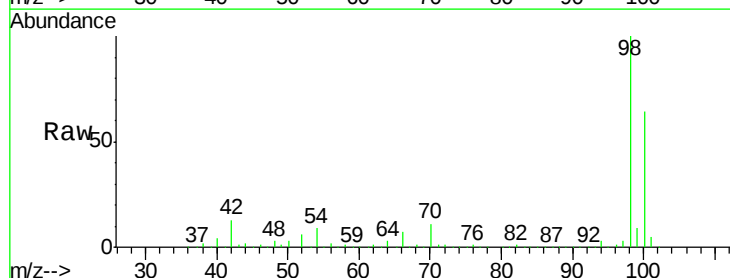
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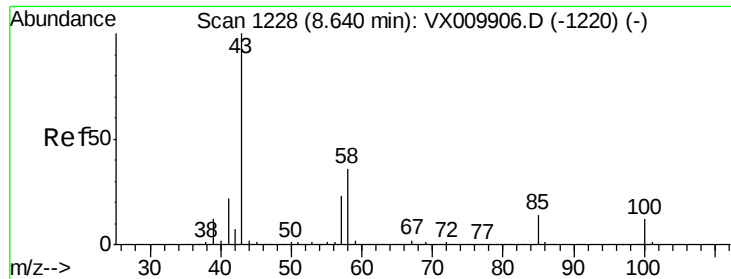
MMDadoda
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#50
Toluene-d8
Concen: 46.309 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 88.700 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 43 Resp: 349562

Ion Ratio Lower Upper

43 100

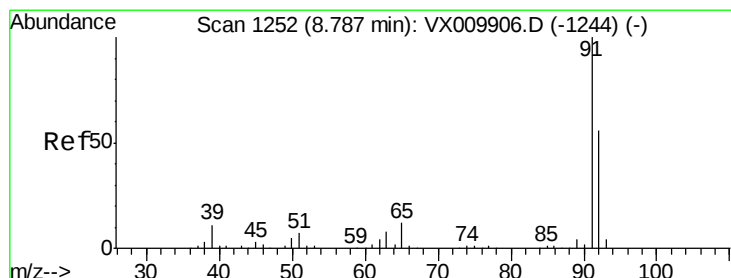
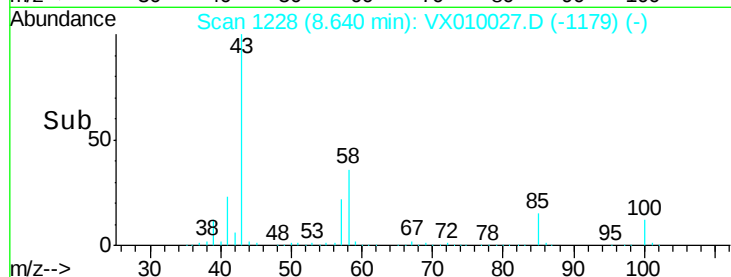
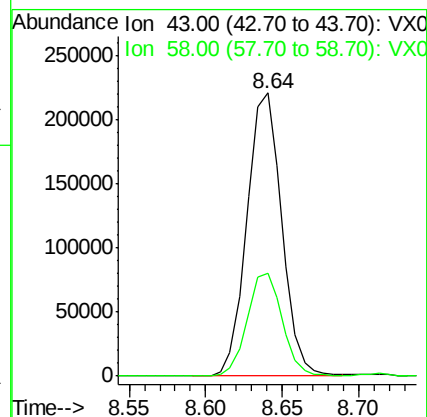
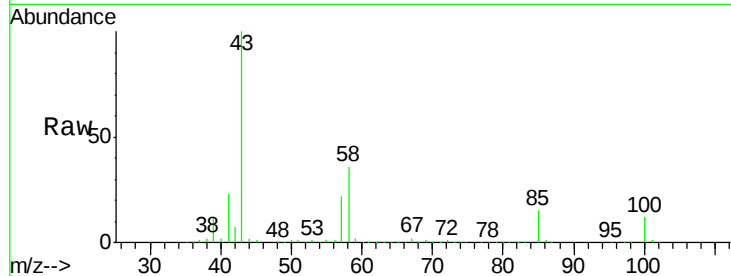
58 36.5 28.8 43.2

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#52

Toluene

Concen: 19.117 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010027.D

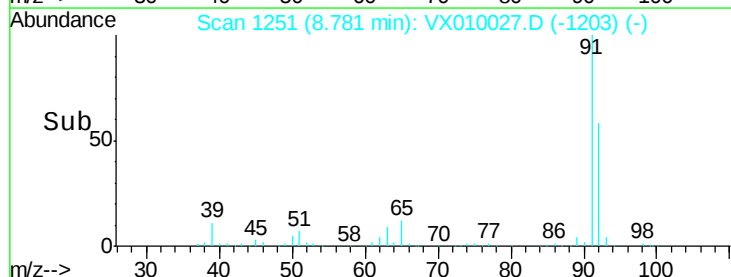
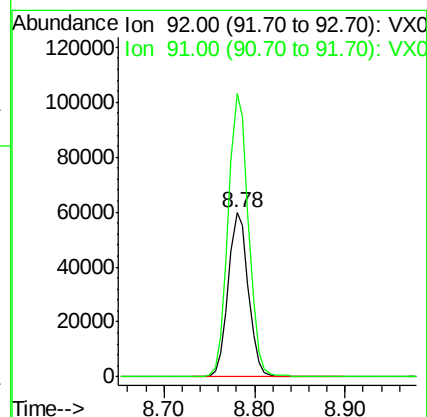
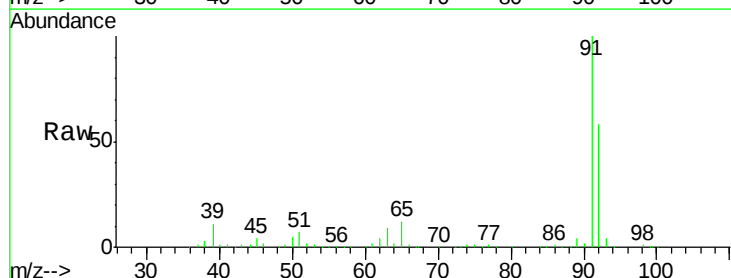
Acq: 03 Jun 2019 11:43

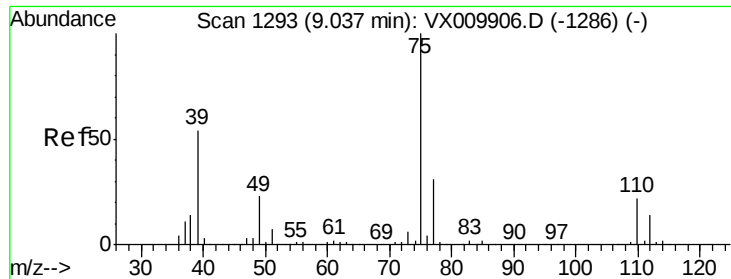
Tgt Ion: 92 Resp: 92779

Ion Ratio Lower Upper

92 100

91 173.6 139.9 209.9





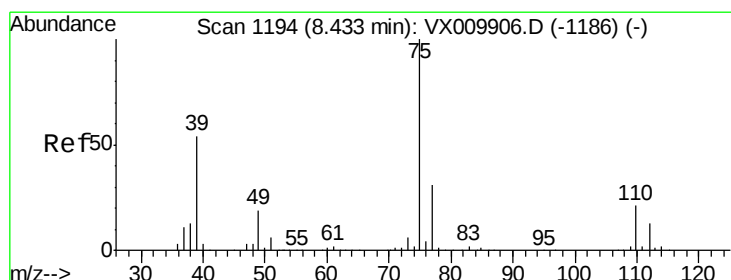
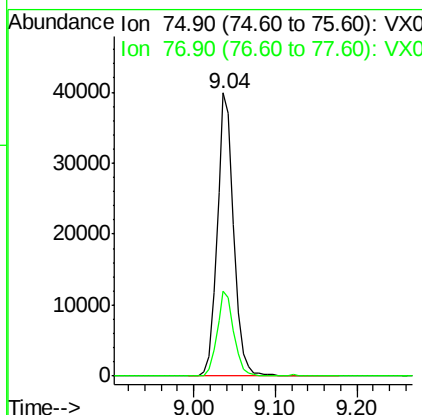
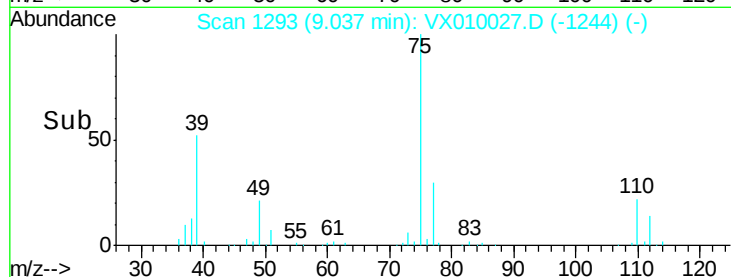
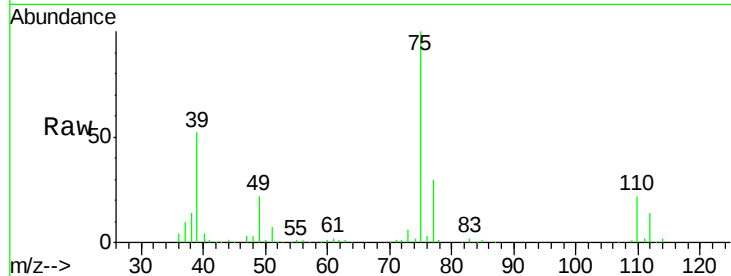
#53
t-1,3-Dichloropropene
Concen: 18.370 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion: 75 Resp: 56744
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8

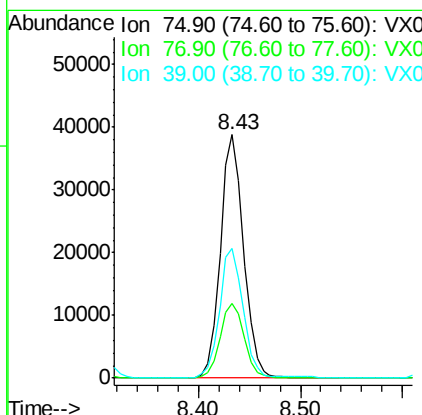
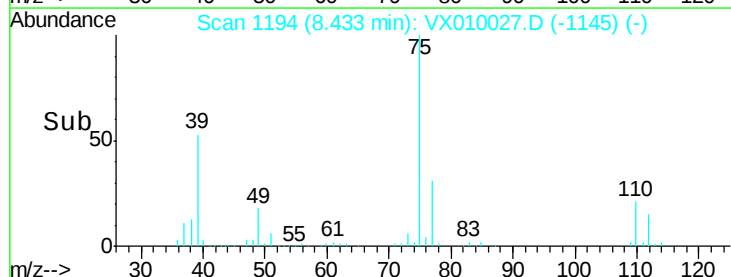
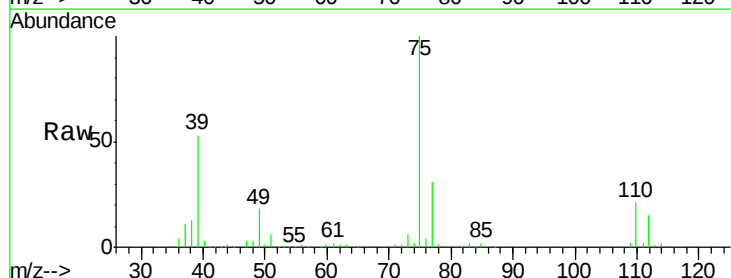
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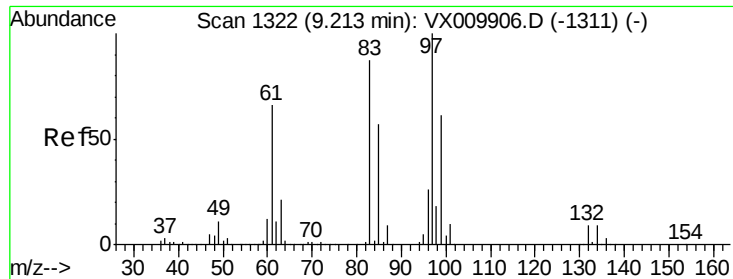
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#54
cis-1,3-Dichloropropene
Concen: 18.273 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 75 Resp: 61498
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 52.9 43.4 65.0





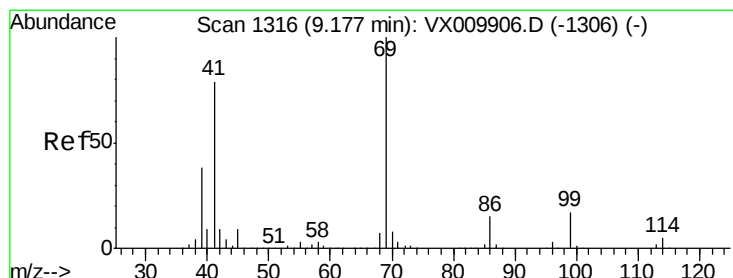
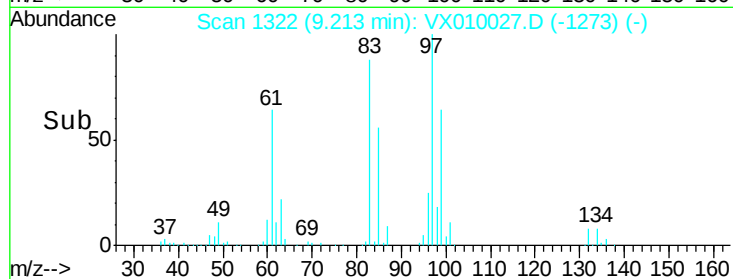
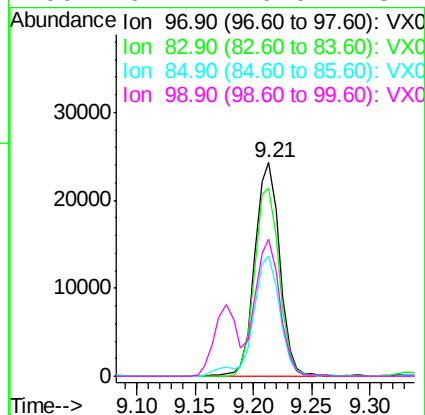
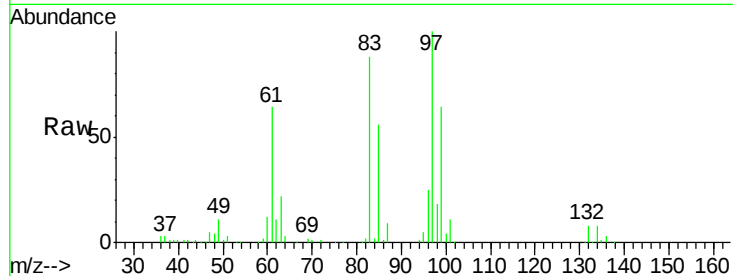
#55
1,1,2-Trichloroethane
Concen: 18.676 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion:	97	Resp:	36481
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.8	104.8
85	56.5	45.3	67.9
99	64.2	49.0	73.4

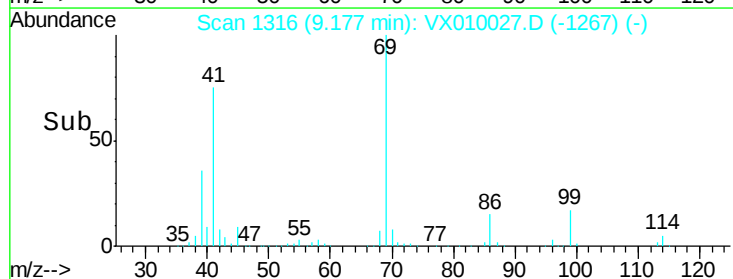
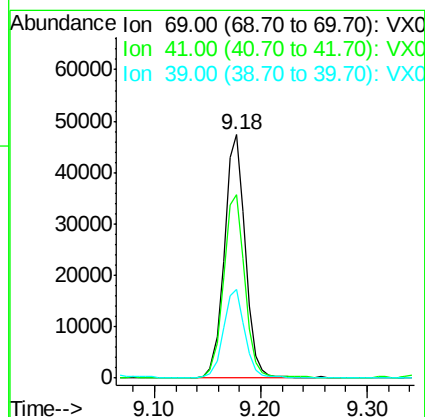
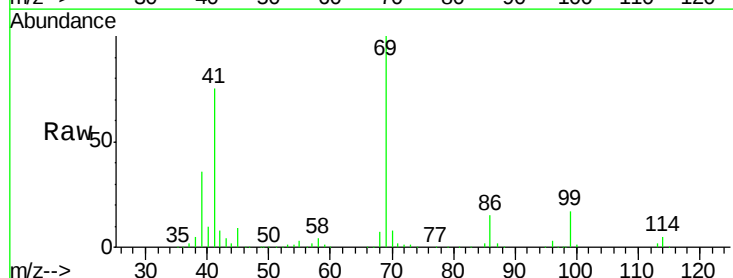
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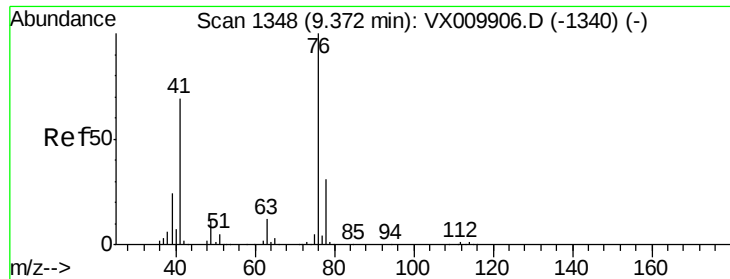
MMDadoda
6/4/2019 11:30:07 AM



#56
Ethyl methacrylate
Concen: 18.751 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:	69	Resp:	65211
Ion	Ratio	Lower	Upper
69	100		
41	76.3	62.7	94.1
39	36.6	29.5	44.3





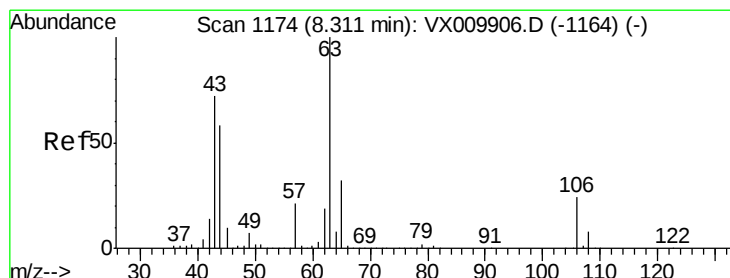
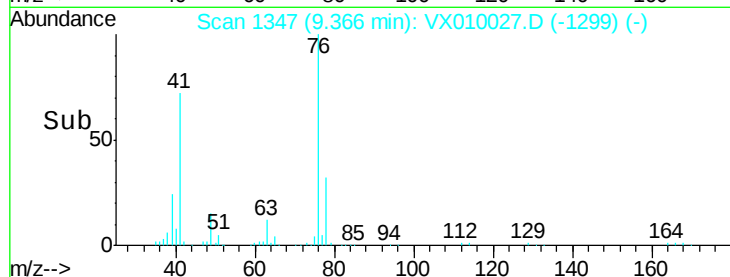
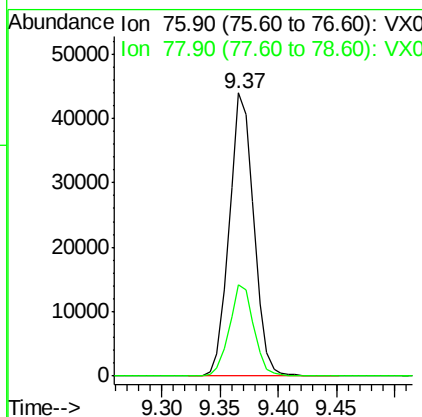
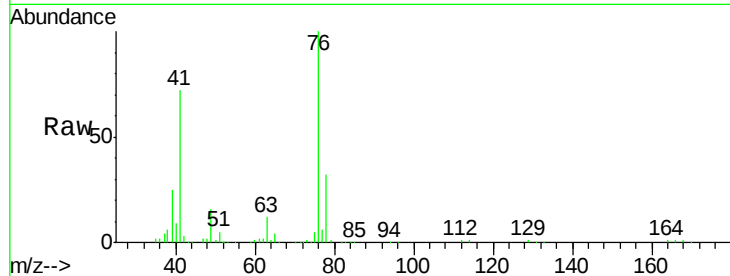
#57
 1,3-Dichloropropane
 Concen: 18.371 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion: 76 Resp: 64448
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0

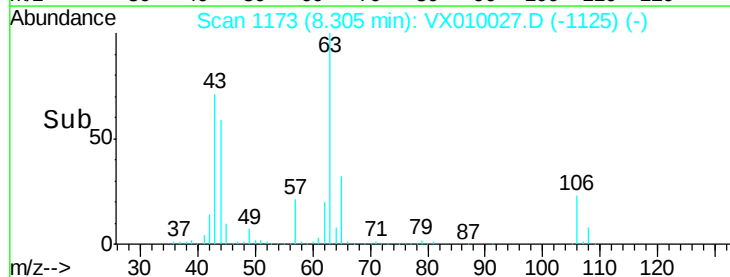
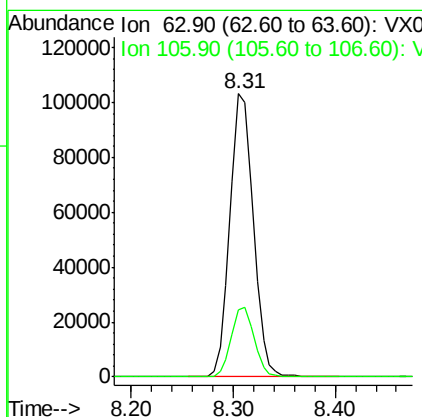
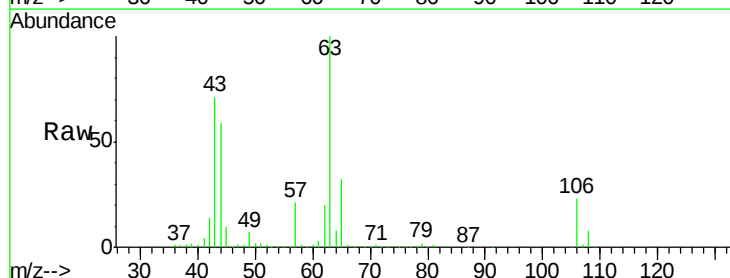
Manual Integrations
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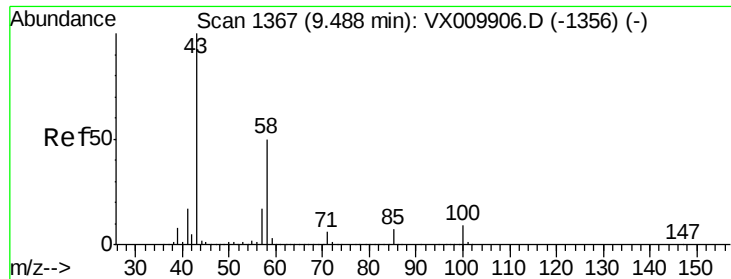
MMDadoda
 6/4/2019 11:30:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.944 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion: 63 Resp: 164021
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.4 29.2





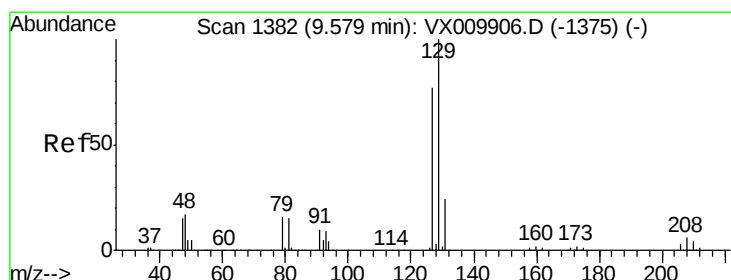
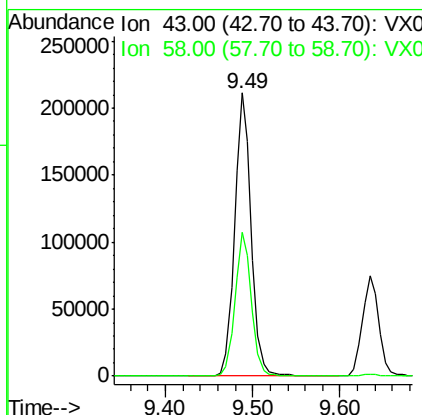
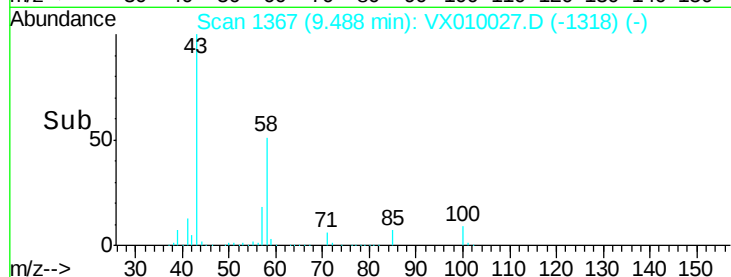
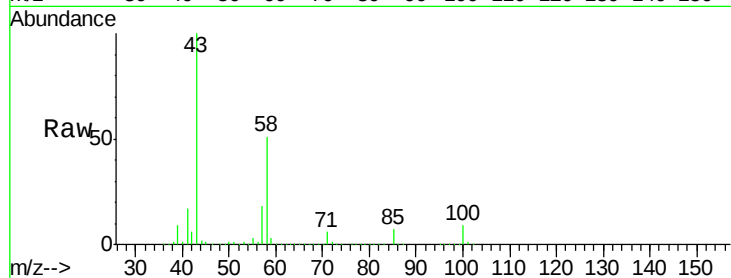
#59
2-Hexanone
Concen: 91.841 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion: 43 Resp: 278660
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3

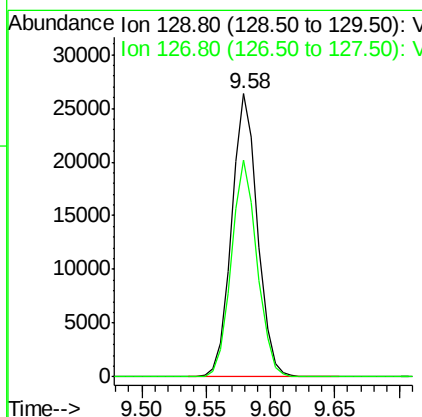
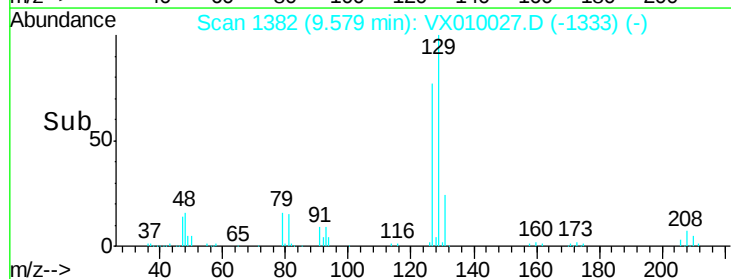
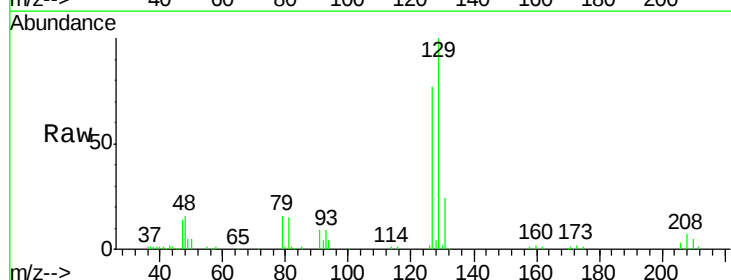
Manual Integrations
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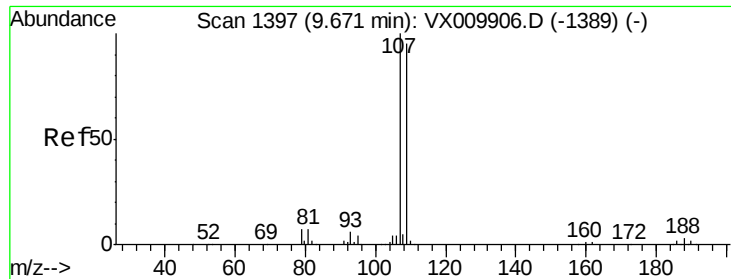
MMDadoda
6/4/2019 11:30:07 AM



#60
Dibromochloromethane
Concen: 19.245 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 129 Resp: 36981
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.733 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion:107 Resp: 37594

Ion Ratio Lower Upper

107 100

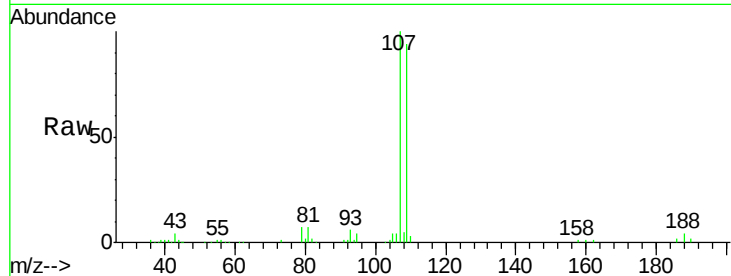
109 94.4 75.4 113.2

Manual Integrations

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MMDadoda

6/4/2019 11:30:07 AM

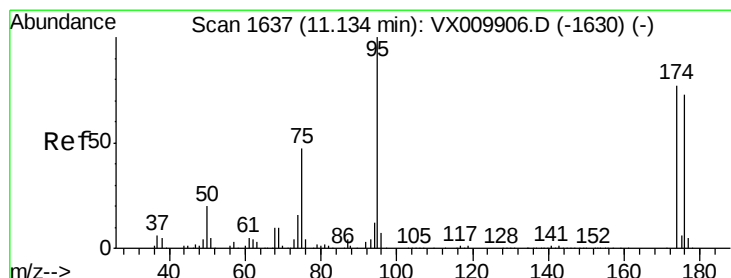
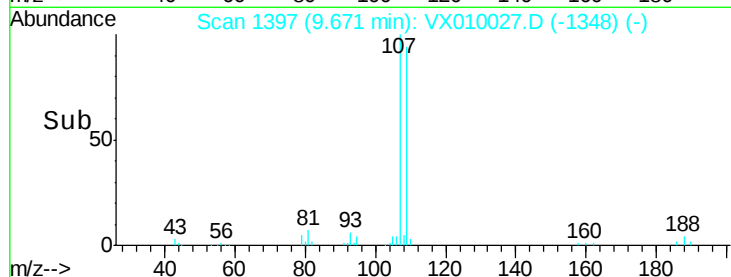


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

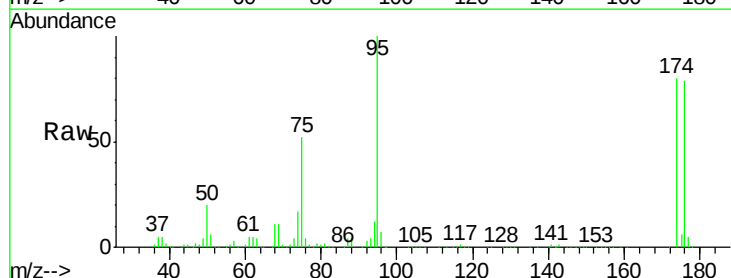
Tgt Ion: 95 Resp: 114068

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

176 81.8 0.0 154.6



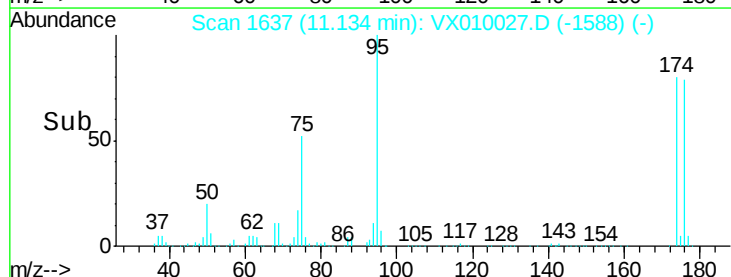
Abundance Ion 94.90 (94.60 to 95.60): VX0

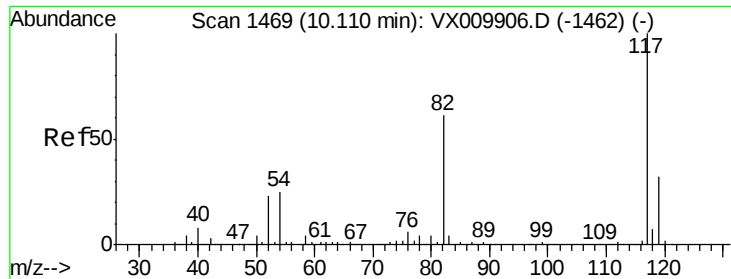
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->





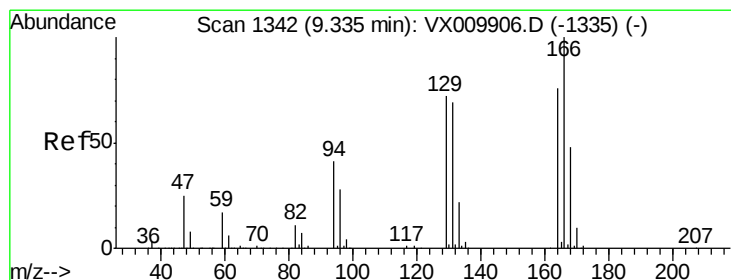
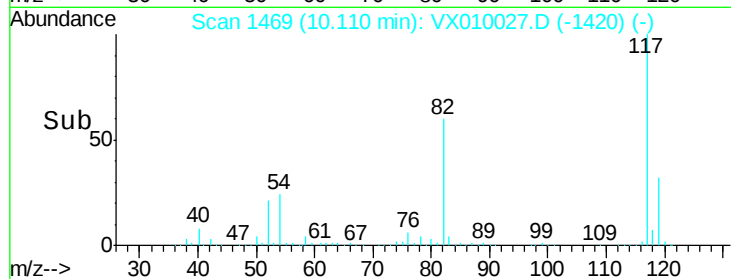
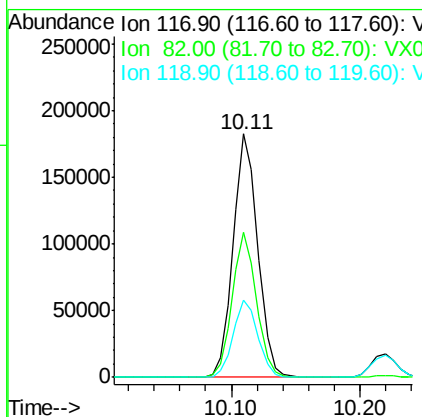
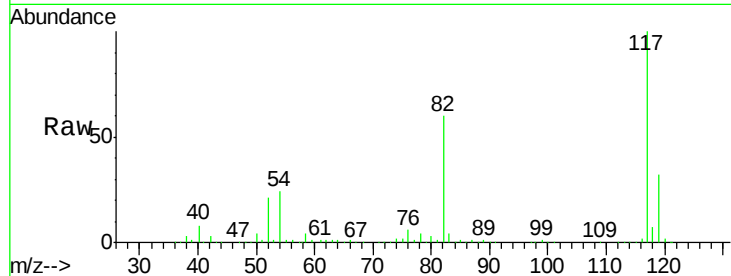
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.2	73.8
119	31.8	25.2	37.8

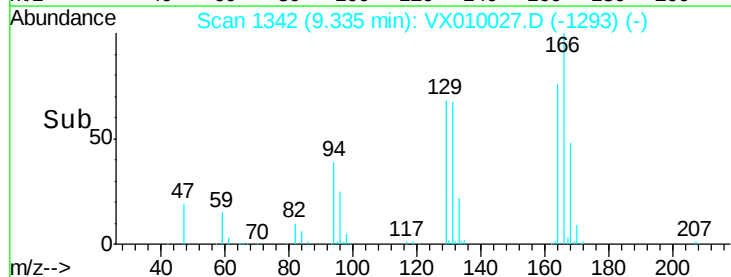
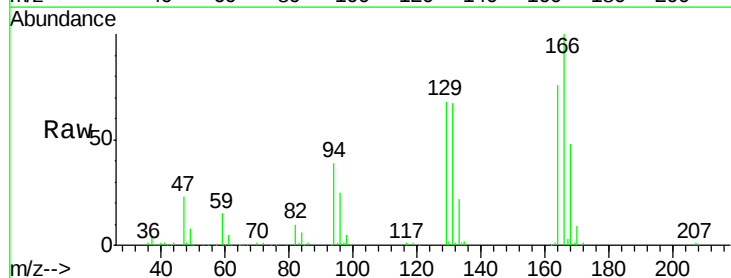
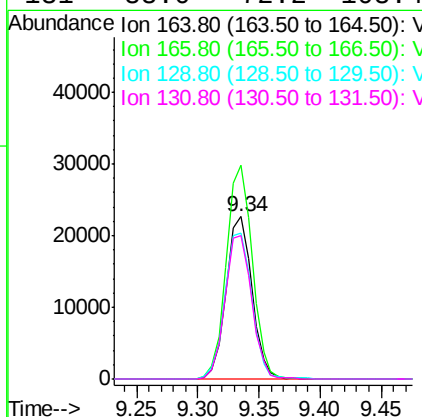
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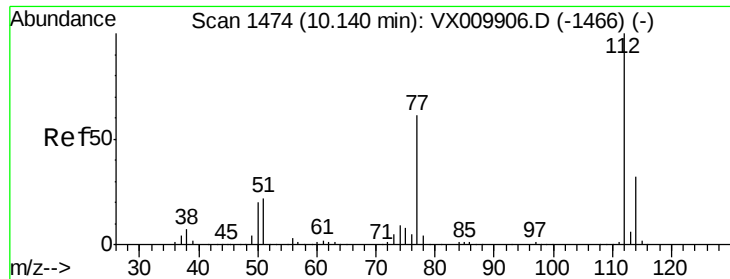
MMDadoda
6/4/2019 11:30:07 AM



#64
Tetrachloroethene
Concen: 19.422 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	105.0	157.4
129	89.9	75.1	112.7
131	88.0	72.2	108.4





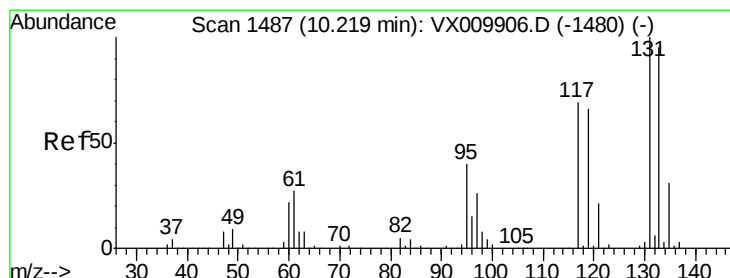
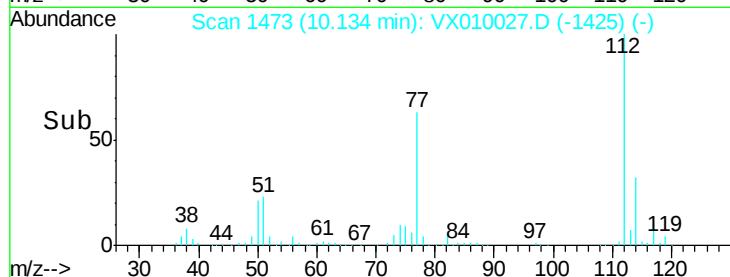
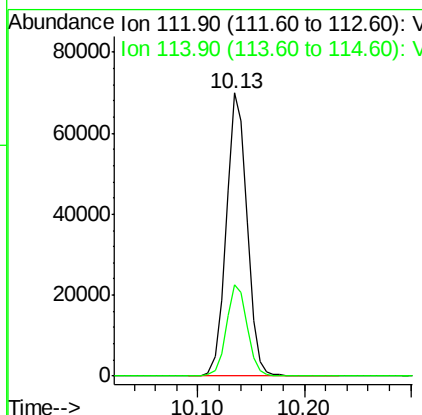
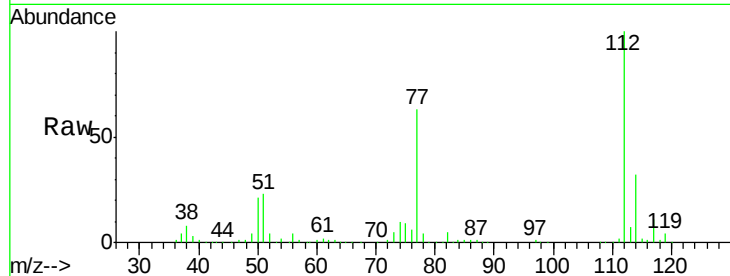
#65
Chlorobenzene
Concen: 18.779 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion:112 Resp: 95804
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

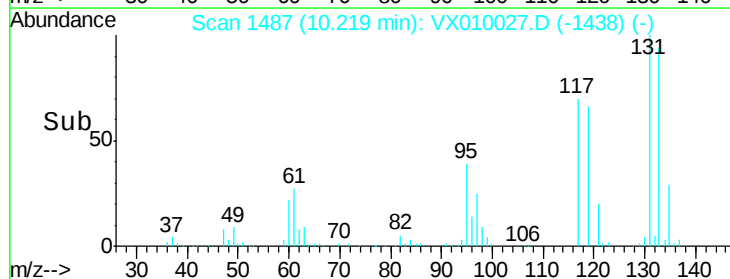
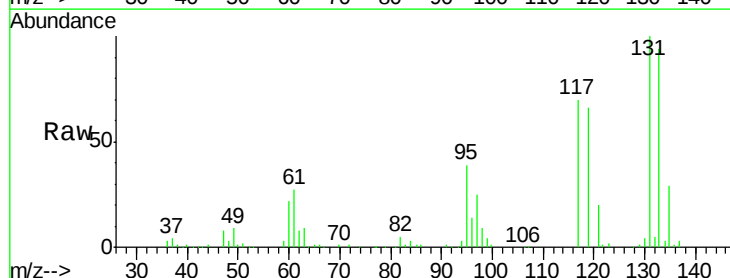
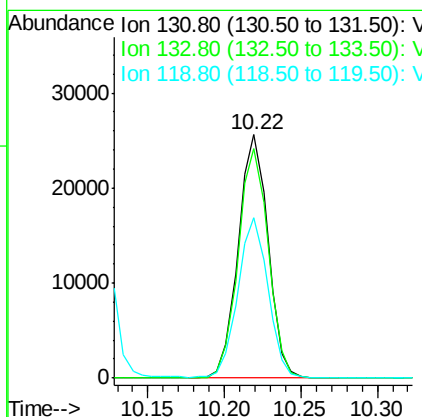
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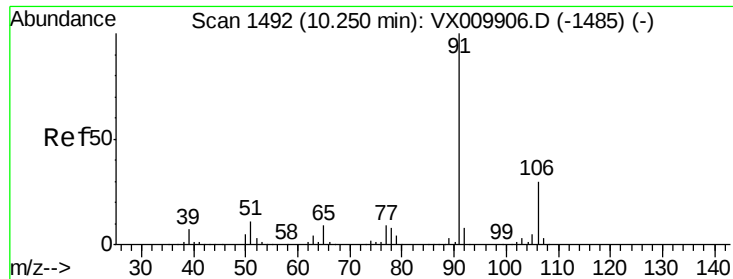
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.547 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:131 Resp: 34588
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.3 33.4 100.1





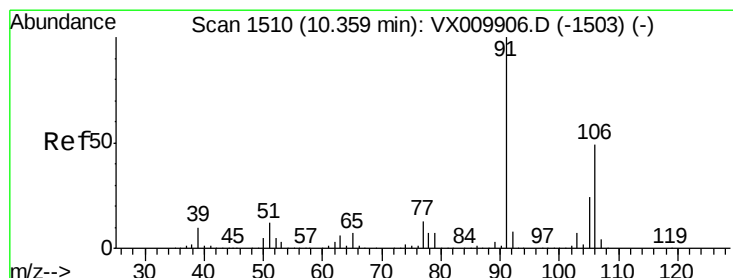
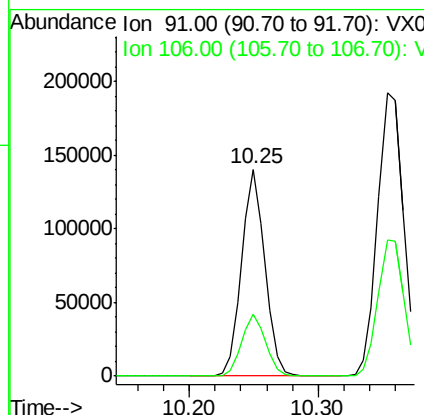
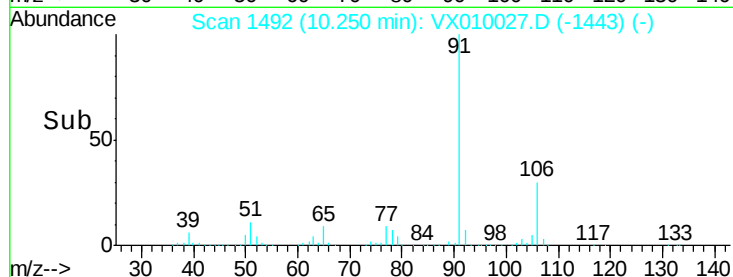
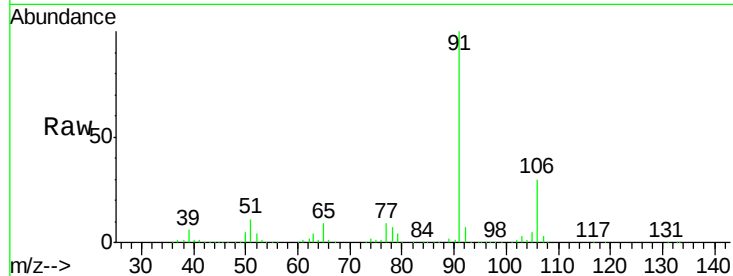
#67
Ethyl Benzene
Concen: 19.231 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion: 91 Resp: 176163
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

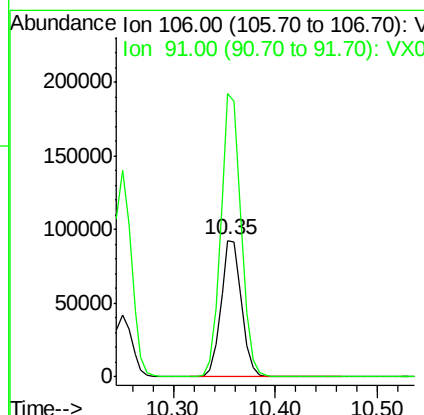
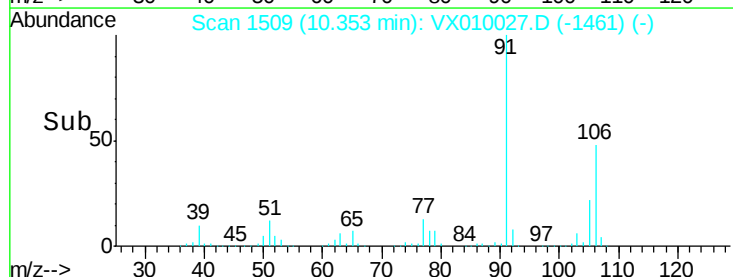
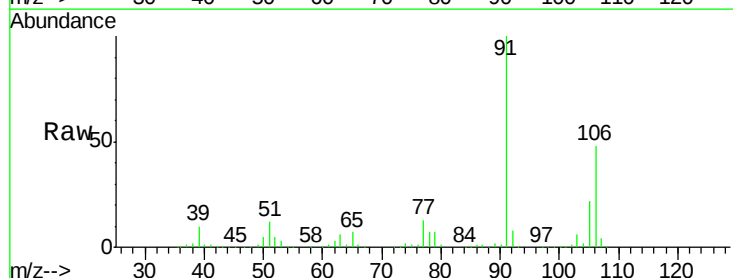
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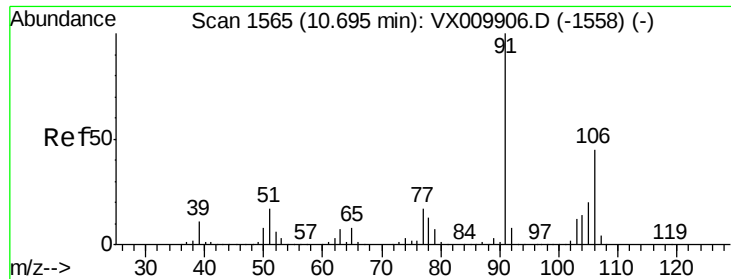
MMDadoda
6/4/2019 11:30:07 AM



#68
m/p-Xylenes
Concen: 38.541 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion: 106 Resp: 130430
Ion Ratio Lower Upper
106 100
91 205.8 167.3 250.9





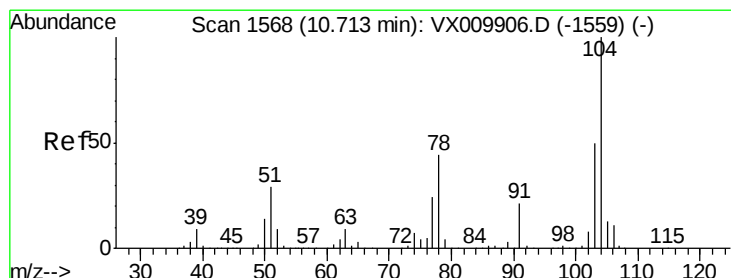
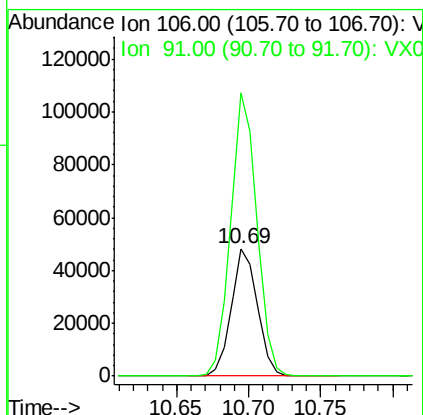
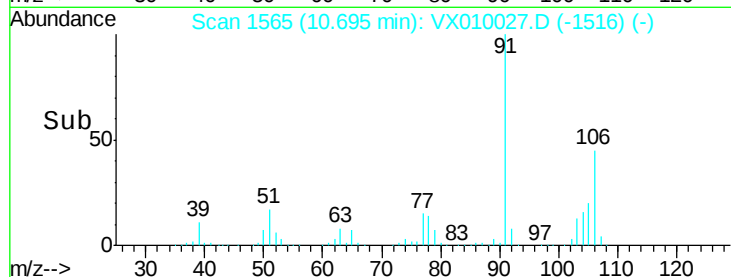
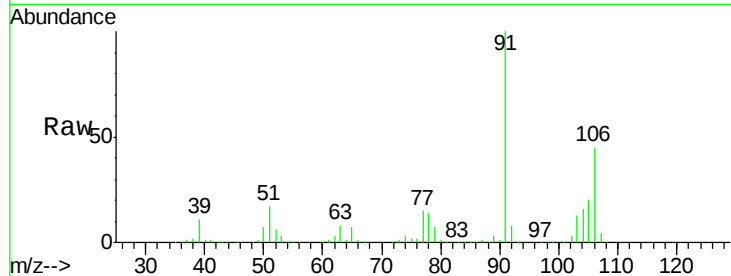
#69
o-Xylene
Concen: 19.051 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion:106 Resp: 61831
Ion Ratio Lower Upper
106 100
91 222.5 110.4 331.2

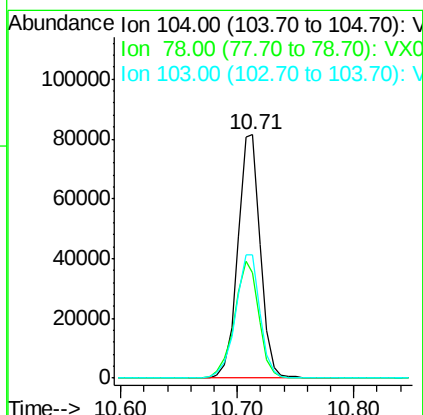
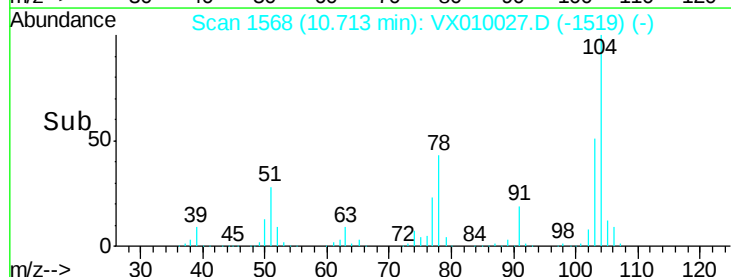
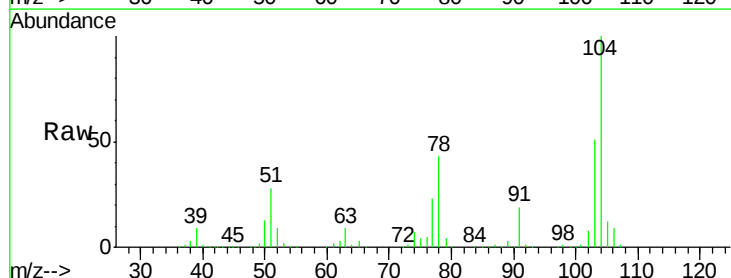
Manual Integrations
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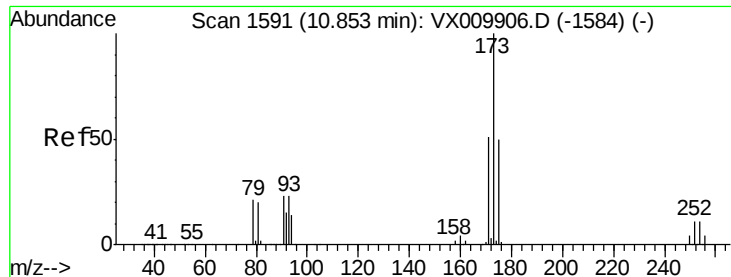
MMDadoda
6/4/2019 11:30:07 AM



#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion:104 Resp: 109309
Ion Ratio Lower Upper
104 100
78 51.9 42.1 63.1
103 55.5 44.1 66.1





#71

Bromoform

Concen: 19.326 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion:173 Resp: 27953

Ion Ratio Lower Upper

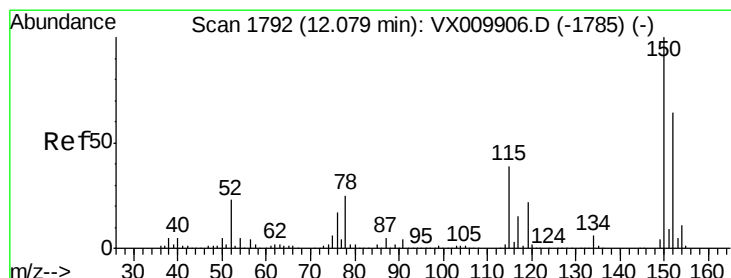
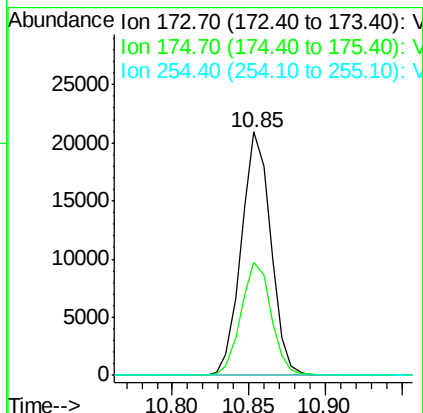
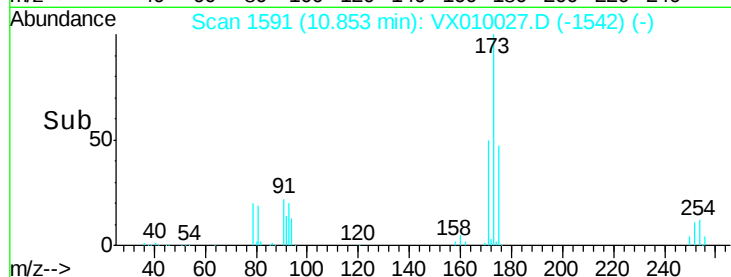
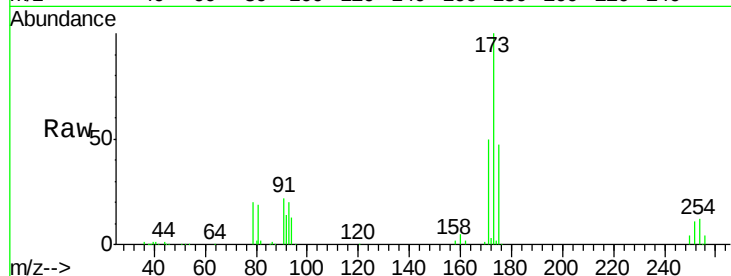
173 100

175 47.8 25.0 75.0

254 0.2 0.2 0.2#

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6/4/2019 11:30:07 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

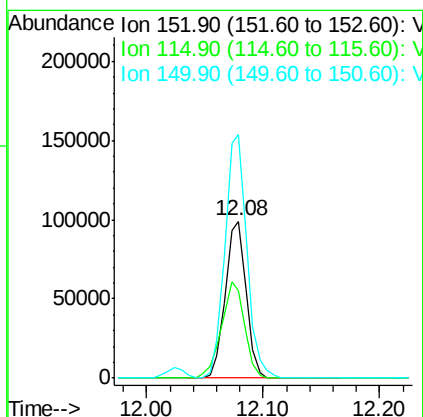
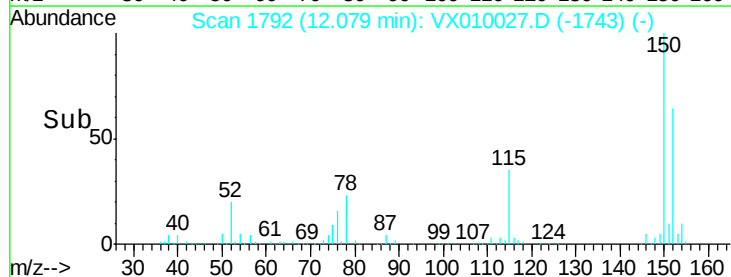
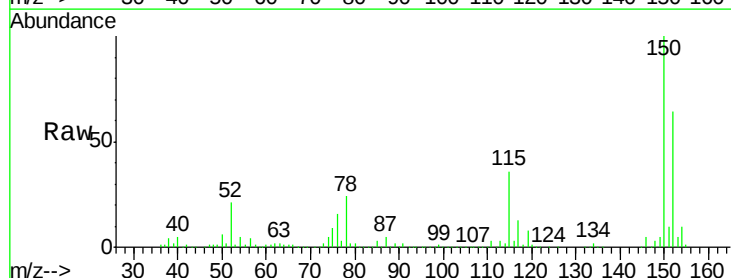
Tgt Ion:152 Resp: 122600

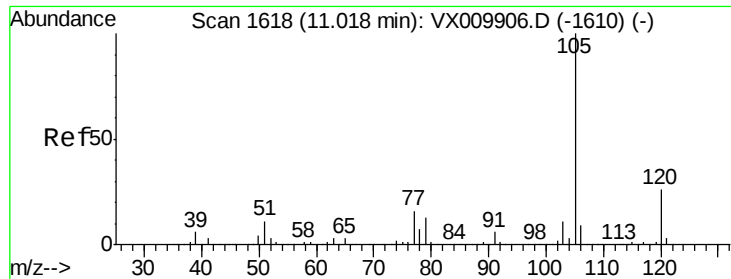
Ion Ratio Lower Upper

152 100

115 67.6 41.4 124.2

150 163.6 0.0 345.2





#73

Isopropylbenzene

Concen: 18.808 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 105 Resp: 170130

Ion Ratio Lower Upper

105 100

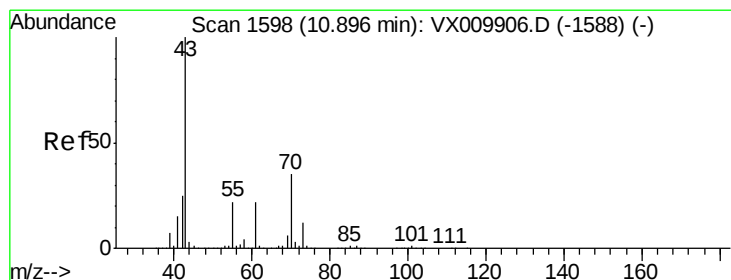
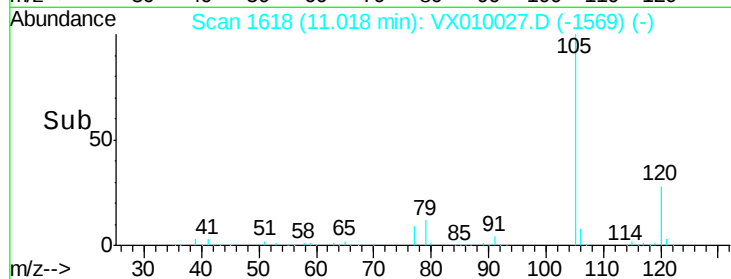
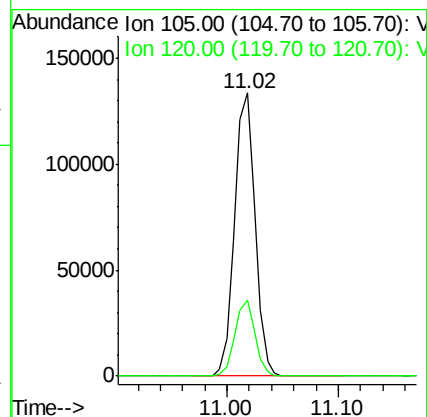
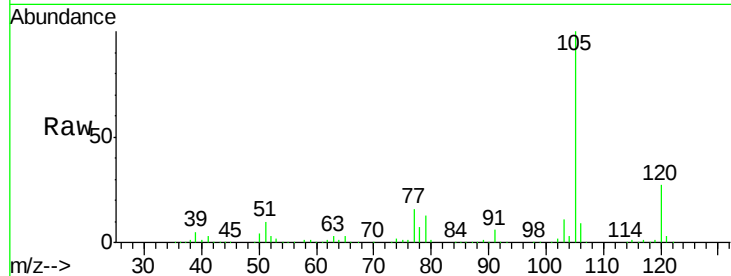
120 26.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 17.841 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion: 43 Resp: 96435

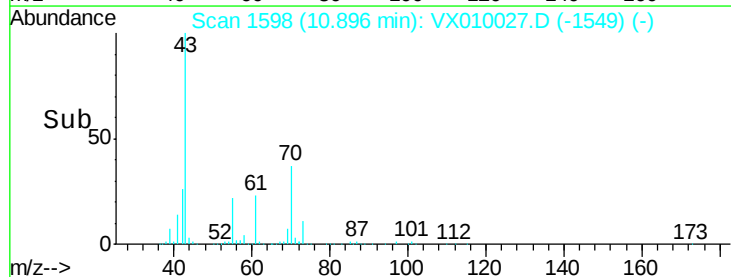
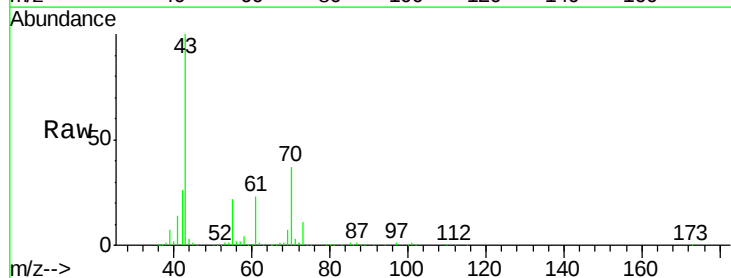
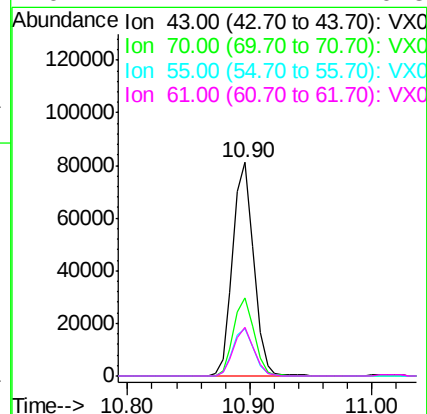
Ion Ratio Lower Upper

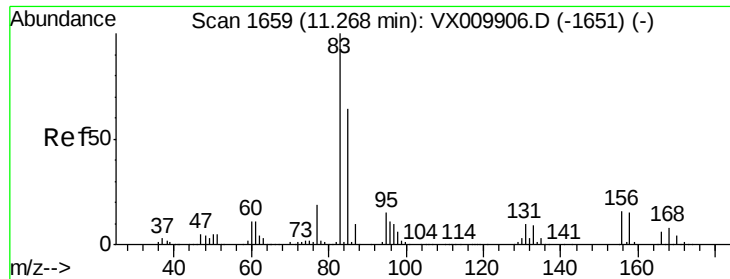
43 100

70 36.2 28.6 43.0

55 22.5 17.8 26.8

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.718 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

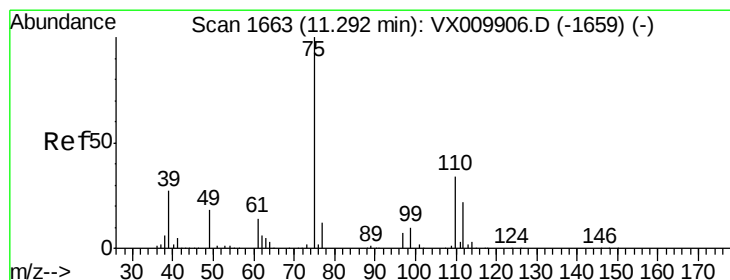
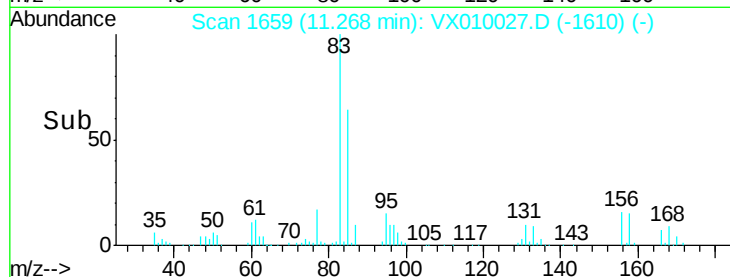
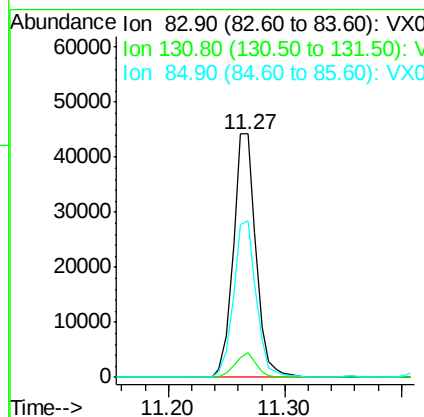
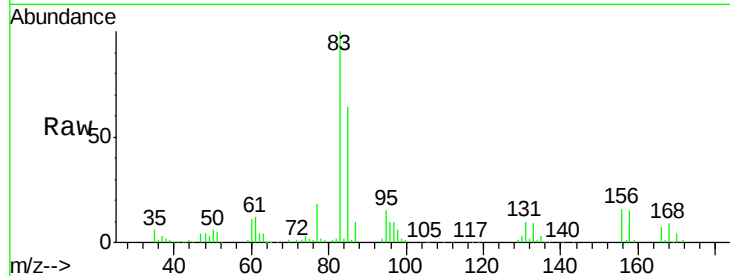
ClientSampleId :

VX0603WBS01

Tot Ion:	83	Resp:	59794
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.1
85	64.3	31.9	95.9

Manual Integrations
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6/4/2019 11:30:07 AM



#76

1,2,3-Trichloropropane

Concen: 17.988 ug/l m

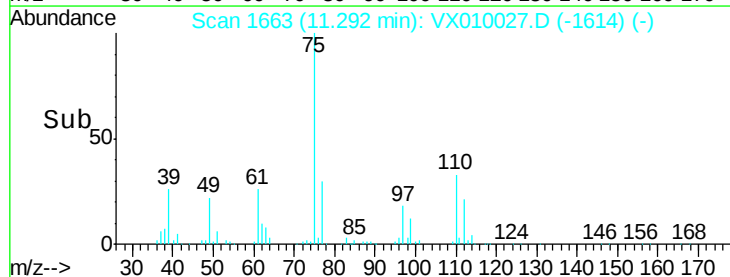
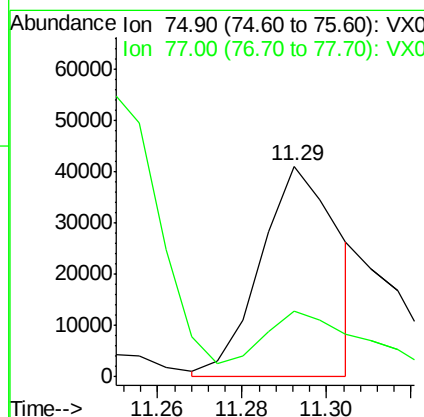
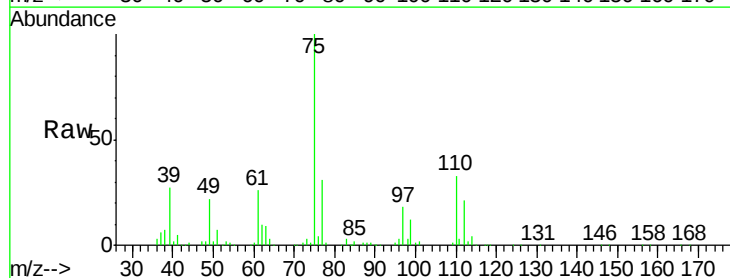
RT: 11.29 min Scan# 1663

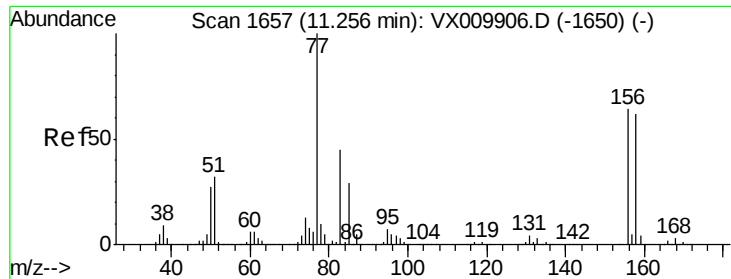
Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Tgt Ion:	75	Resp:	52735
Ion Ratio	Lower	Upper	
75	100		
77	42.0	22.1	66.1





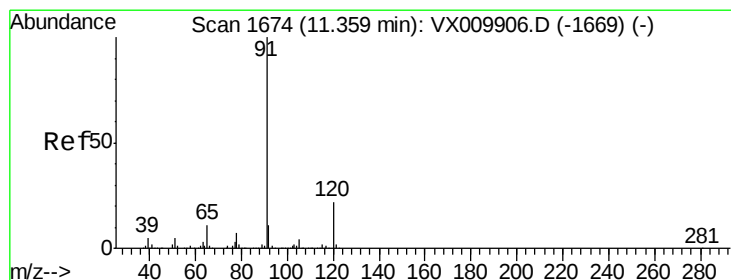
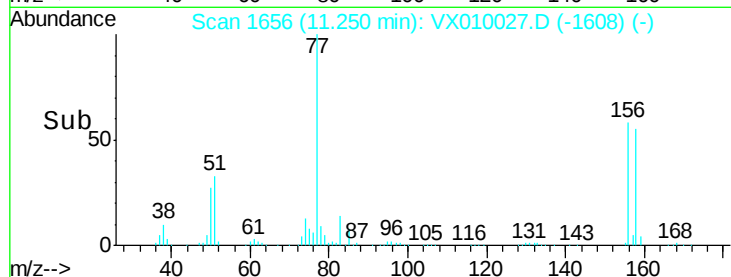
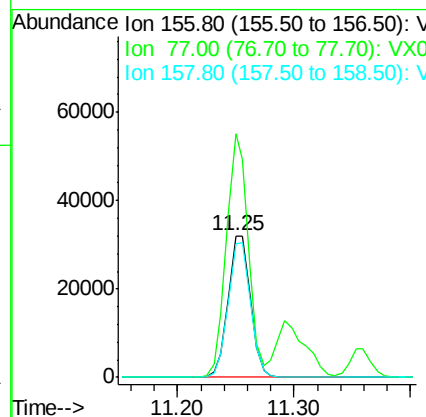
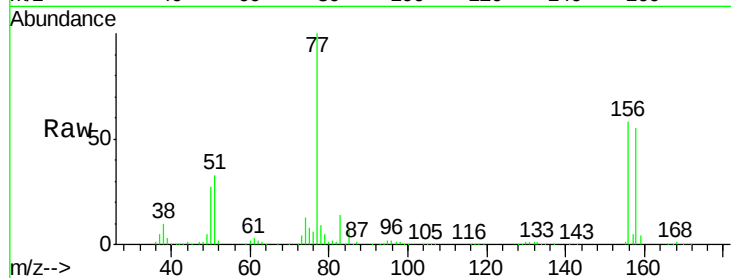
#77
Bromobenzene
Concen: 18.478 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.3	86.8	260.3
158	95.3	49.6	148.8

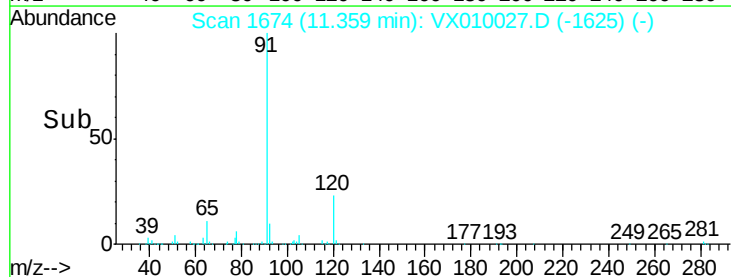
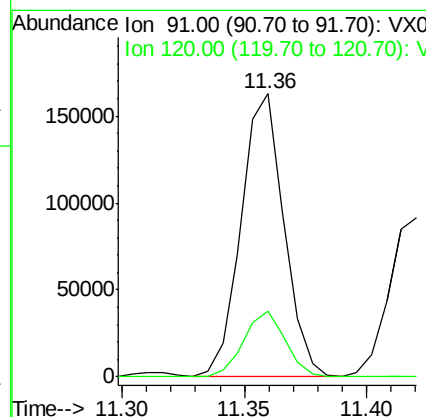
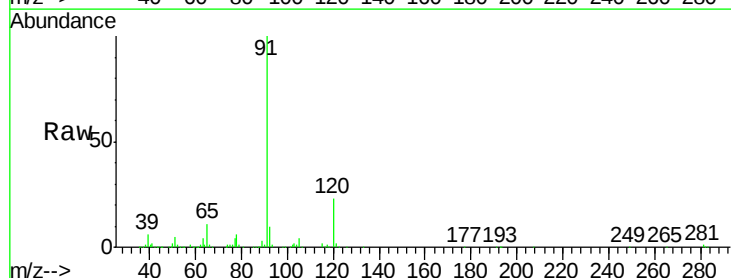
Manual Integrations
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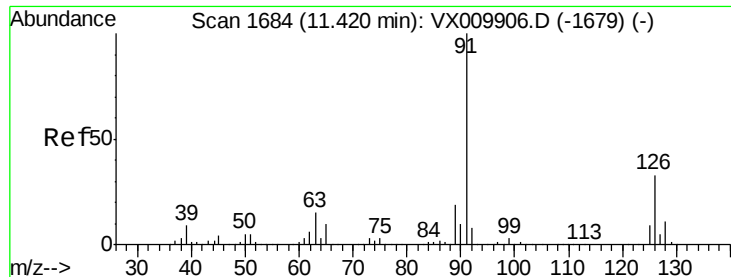
MMDadoda
6/4/2019 11:30:07 AM



#78
n-propylbenzene
Concen: 18.835 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 18.259 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 91 Resp: 116320

Ion Ratio Lower Upper

91 100

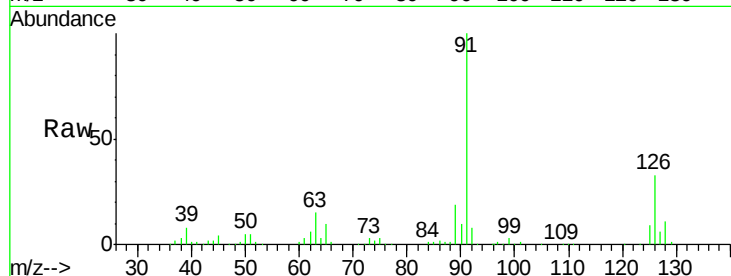
126 32.7 16.1 48.3

Manual Integrations

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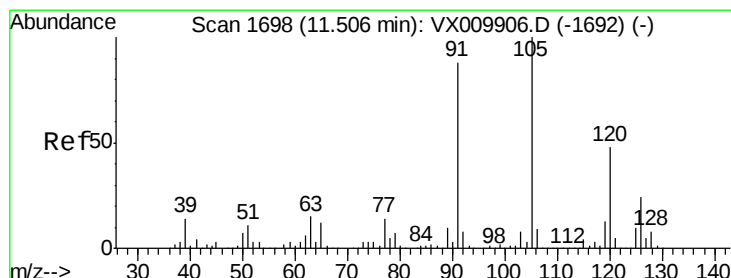
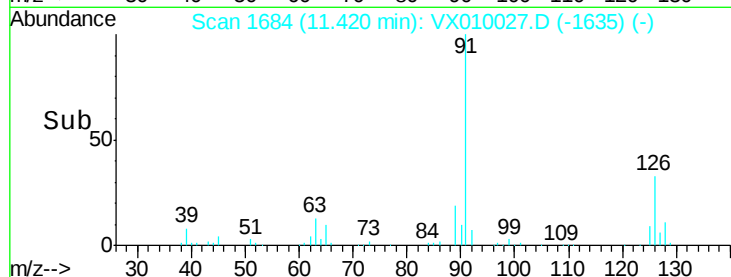
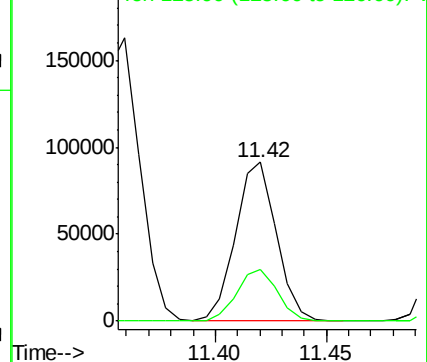
MMDadoda

6/4/2019 11:30:07 AM



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: 18.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010027.D

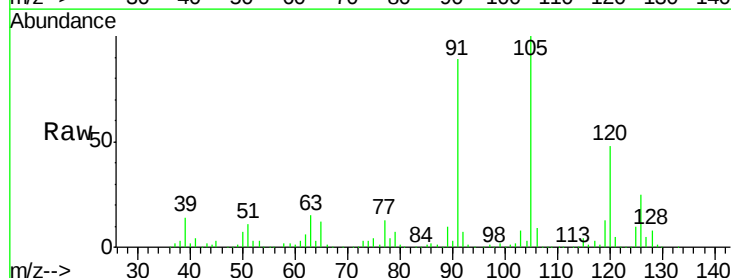
Acq: 03 Jun 2019 11:43

Tgt Ion:105 Resp: 143963

Ion Ratio Lower Upper

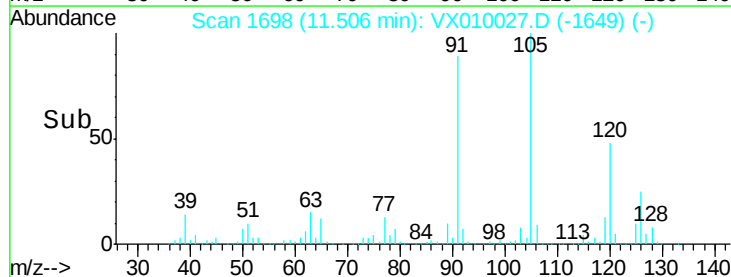
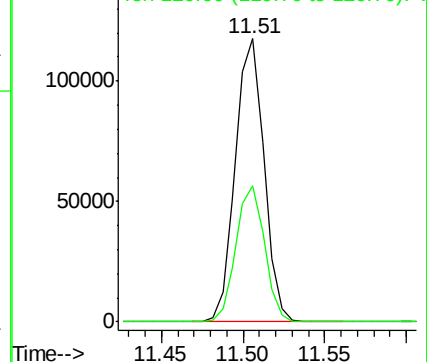
105 100

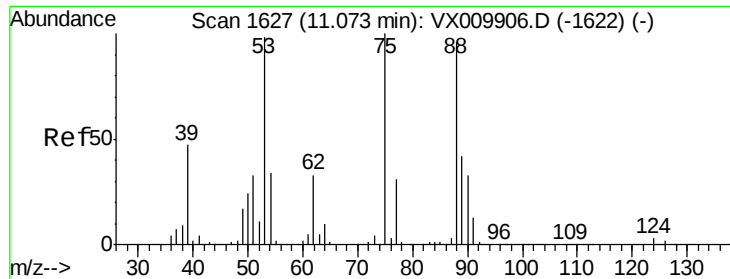
120 47.8 24.1 72.3



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: 17.120 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010027.D

Acq: 03 Jun 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 75 Resp: 20286

Ion Ratio Lower Upper

75 100

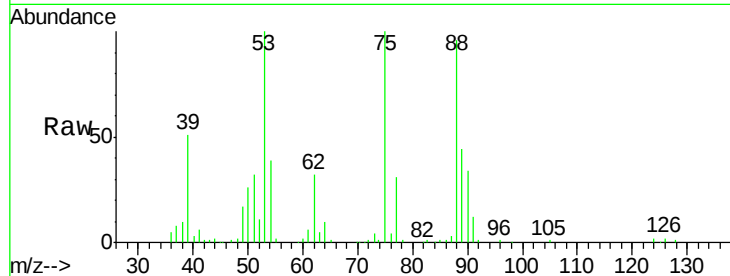
53 102.7 79.8 119.6

89 44.7 34.2 51.4

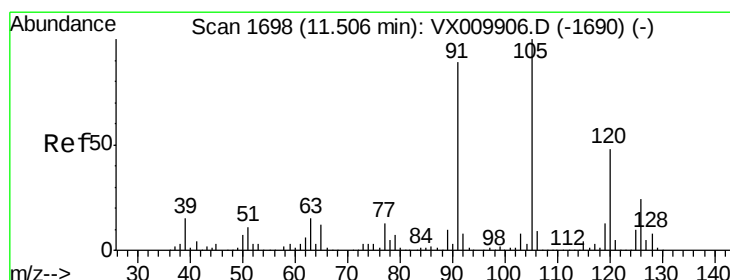
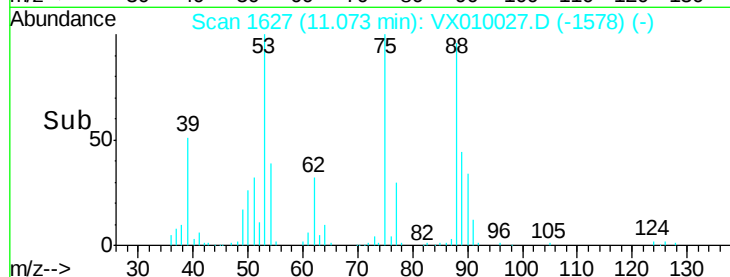
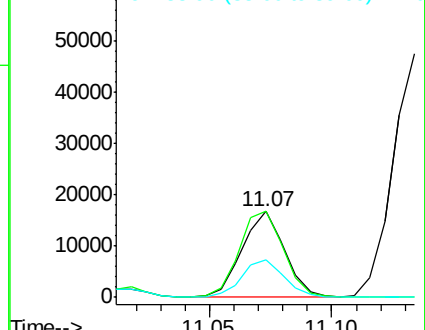
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.205 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010027.D

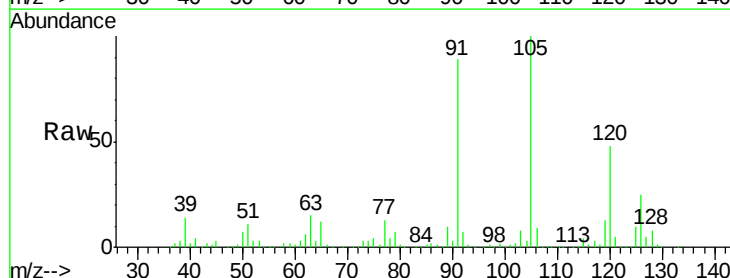
Acq: 03 Jun 2019 11:43

Tgt Ion: 91 Resp: 135008

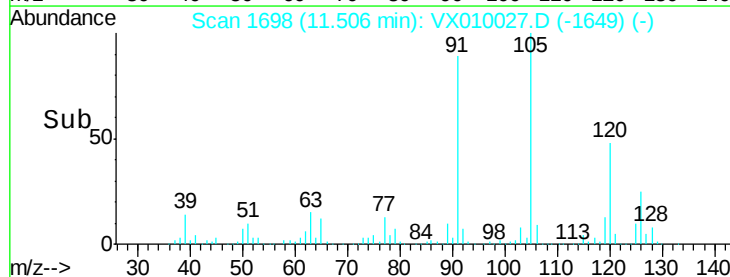
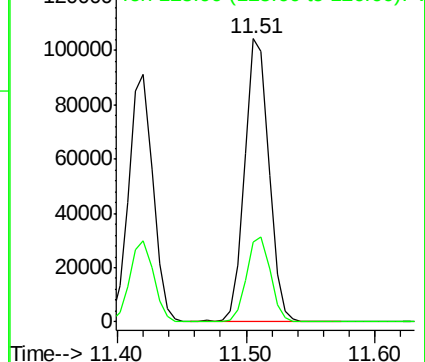
Ion Ratio Lower Upper

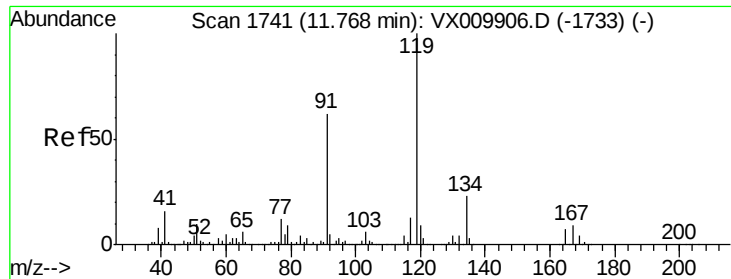
91 100

126 29.6 14.2 42.6



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





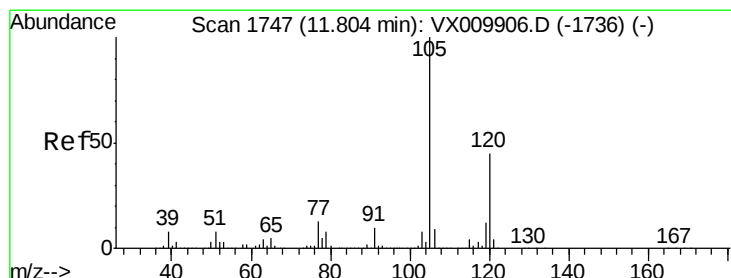
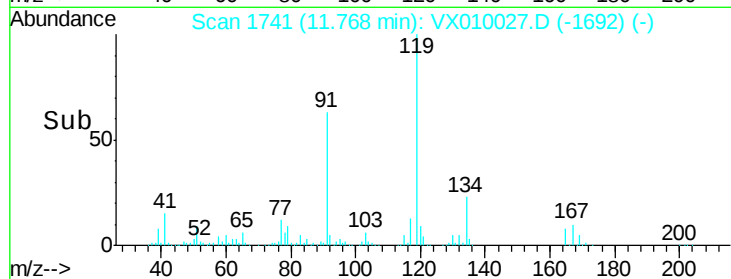
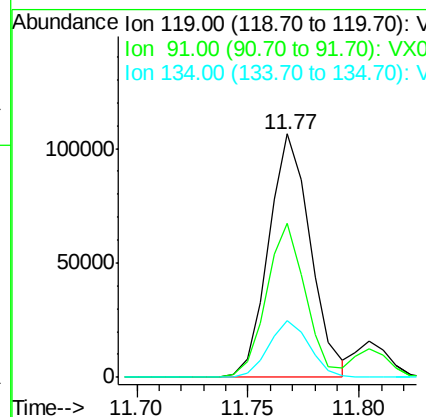
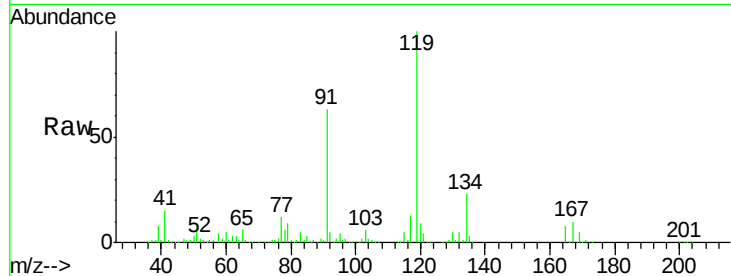
#83
tert-Butylbenzene
Concen: 19.016 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

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

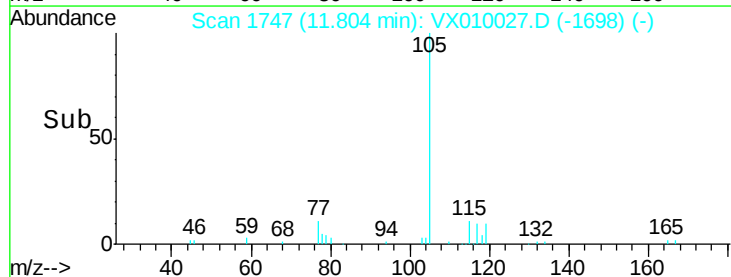
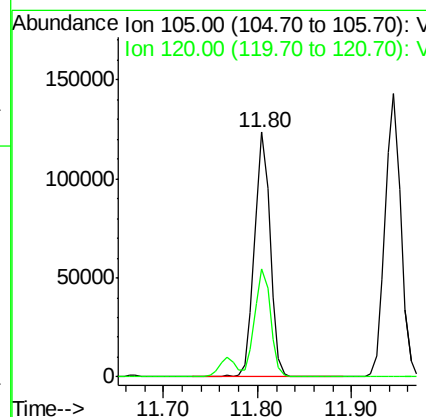
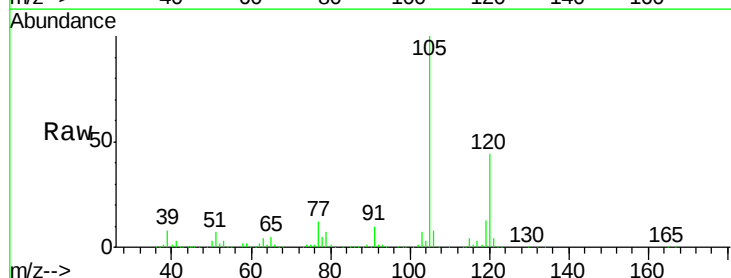
Manual Integrations
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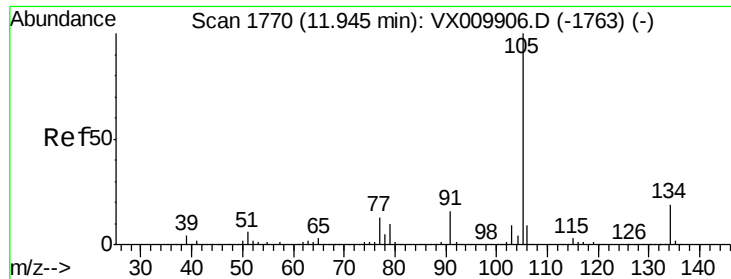
MMDadoda
6/4/2019 11:30:07 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.829 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1





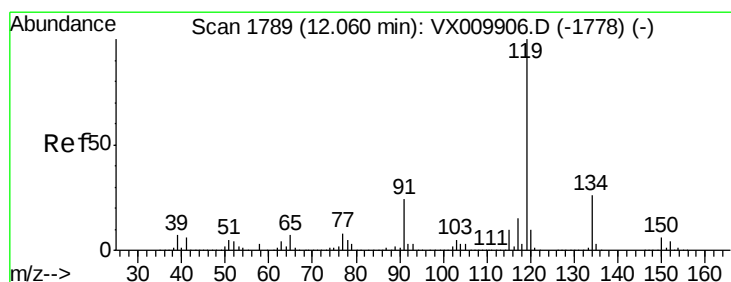
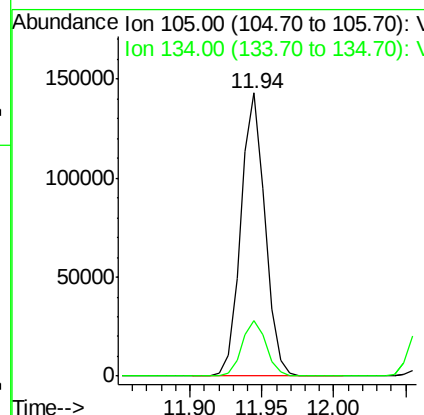
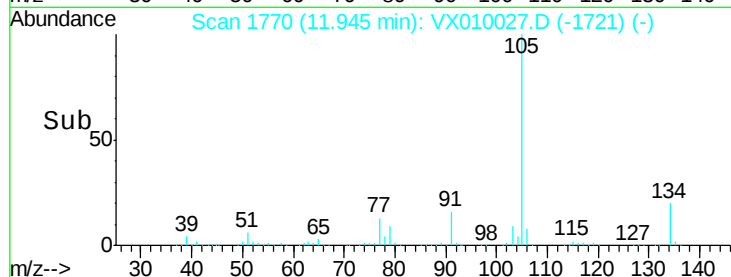
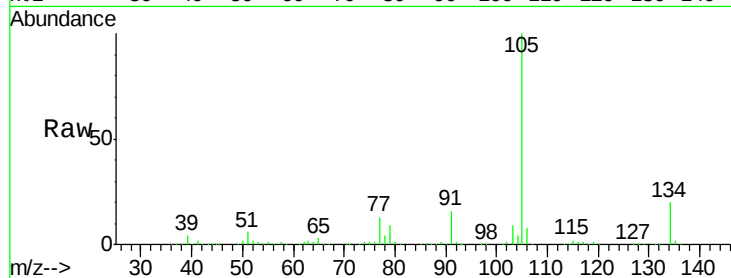
#85
 sec-Butylbenzene
 Concen: 19.257 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9

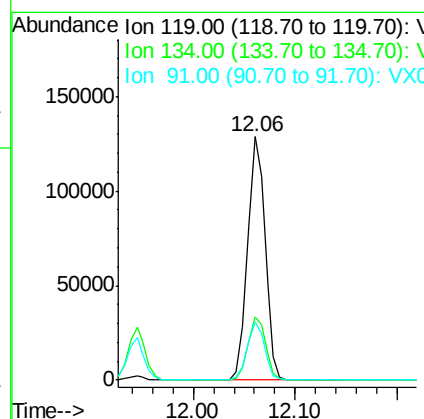
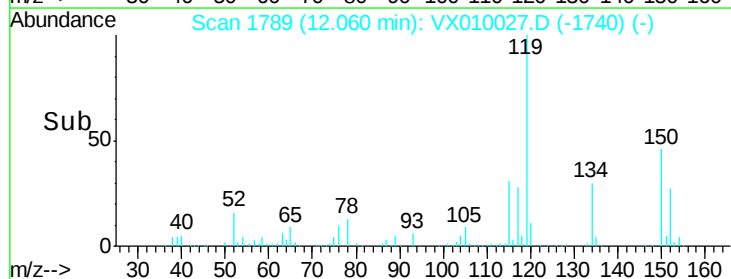
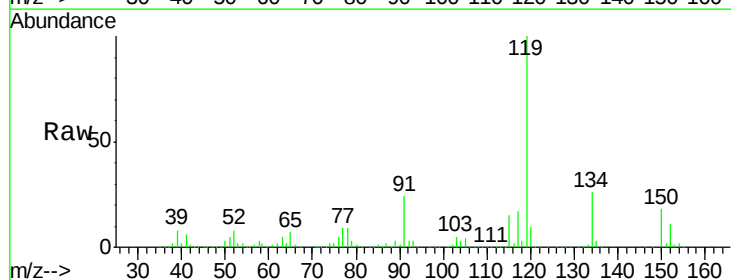
Manual Integrations
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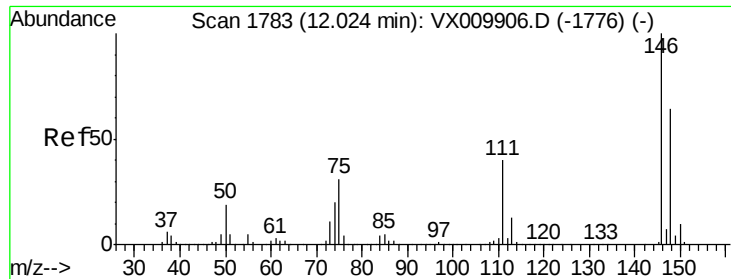
MMDadoda
 6/4/2019 11:30:07 AM



#86
 p-Isopropyltoluene
 Concen: 19.606 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.6
91	23.5	11.9	35.9





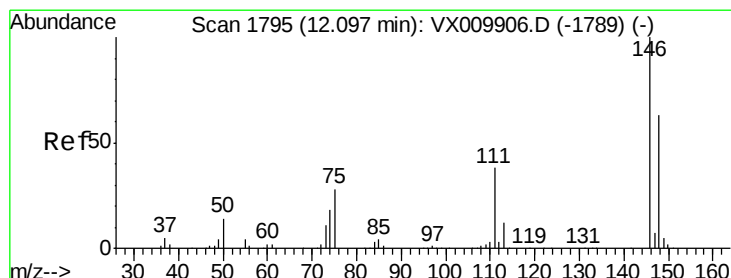
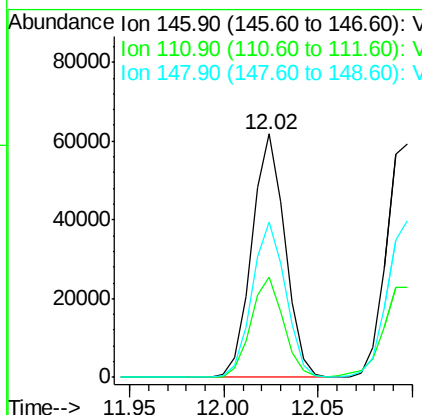
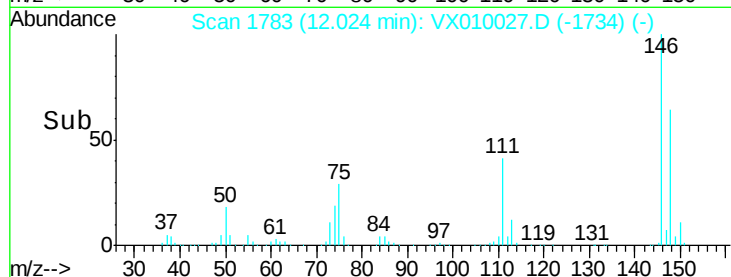
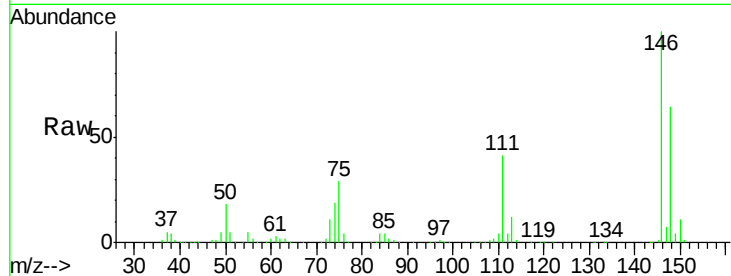
#87
 1,3-Dichlorobenzene
 Concen: 18.327 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	64.7	31.9	95.5

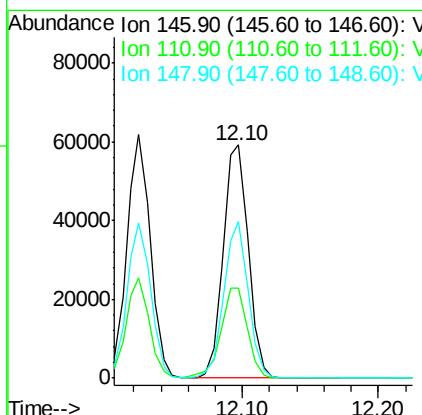
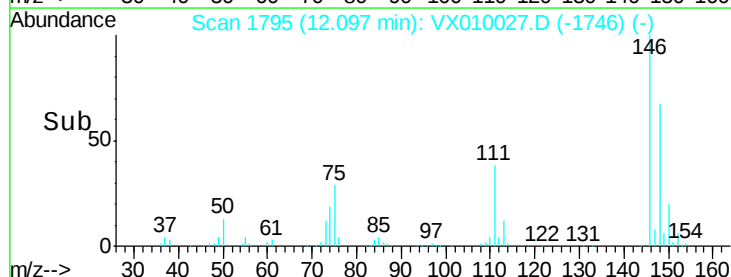
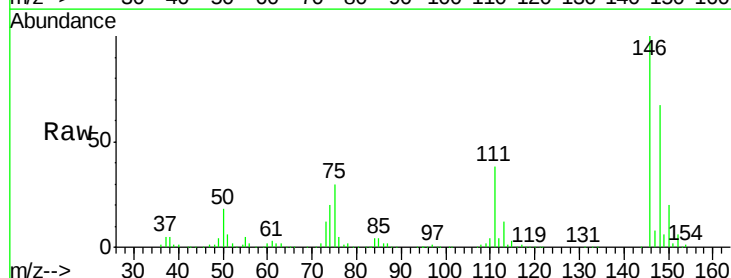
Manual Integrations
 APPROVED

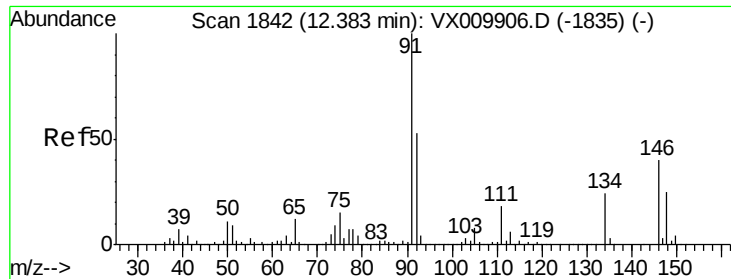
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#88
 1,4-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	59.9
148	64.8	32.3	96.9





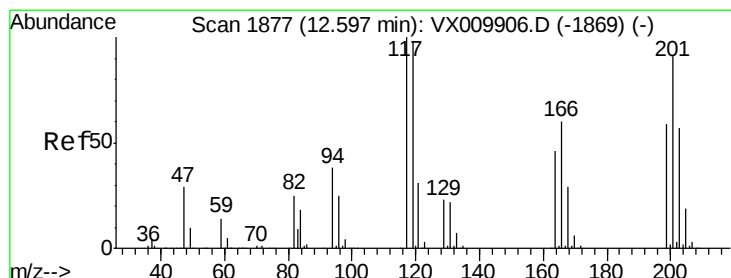
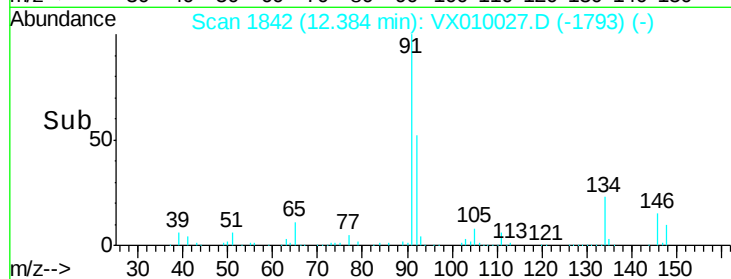
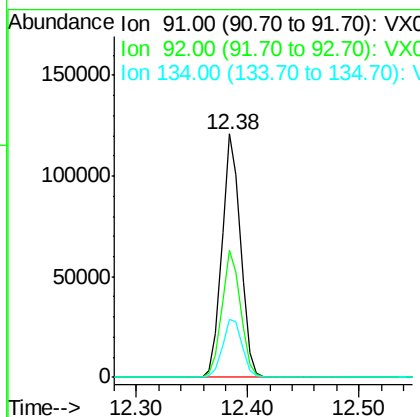
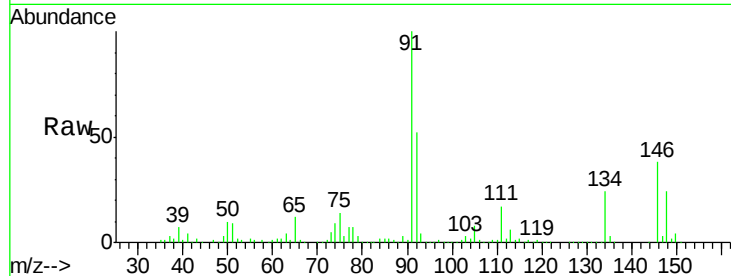
#89
n-Butylbenzene
Concen: 19.107 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.8
134	24.9	12.3	36.8

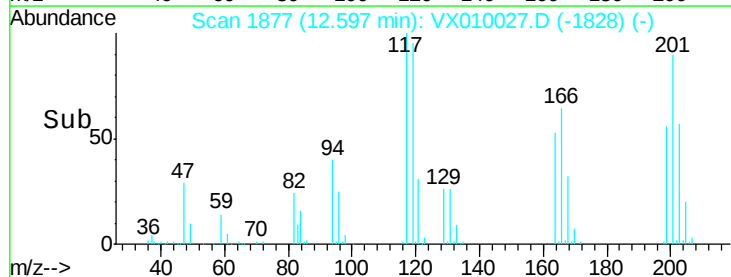
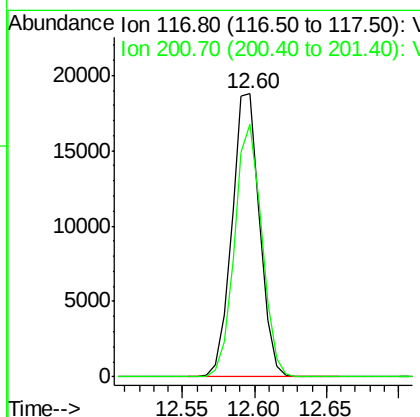
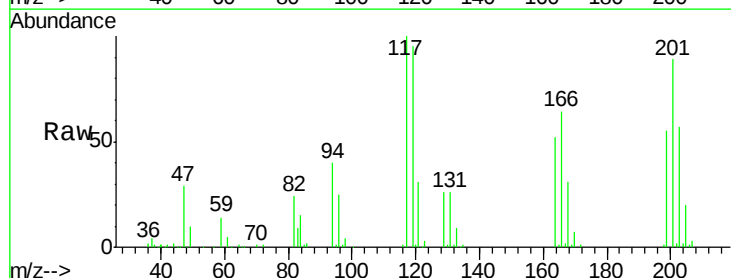
Manual Integrations
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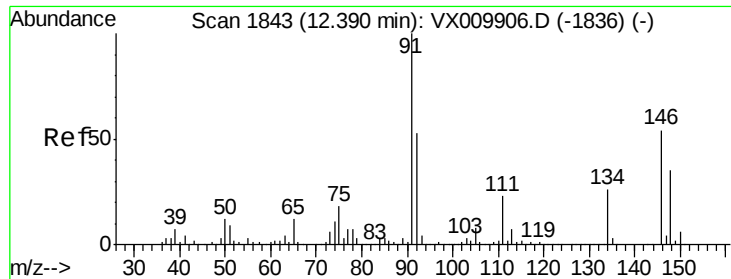
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#90
Hexachloroethane
Concen: 18.874 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.6	130.9





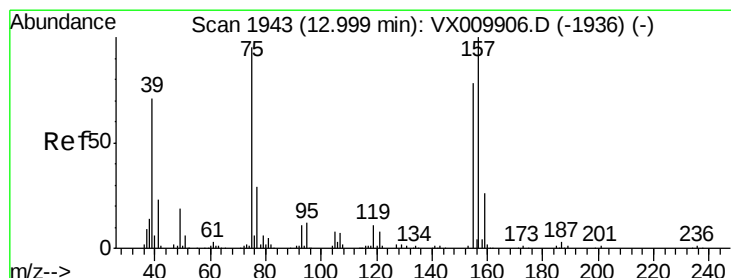
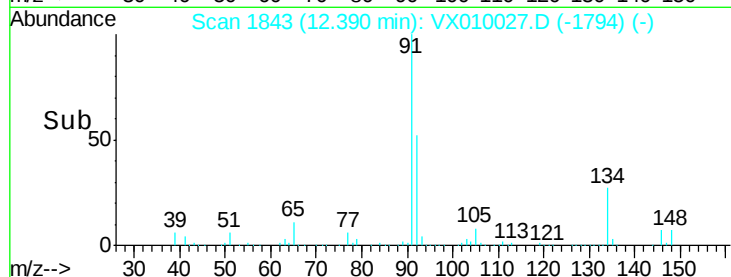
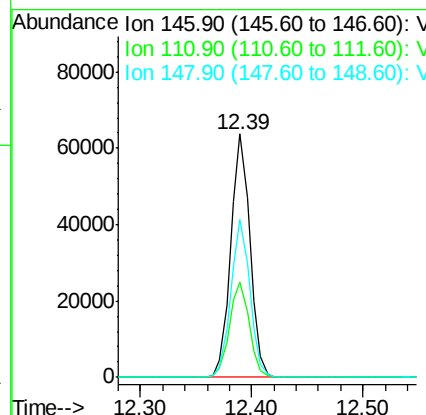
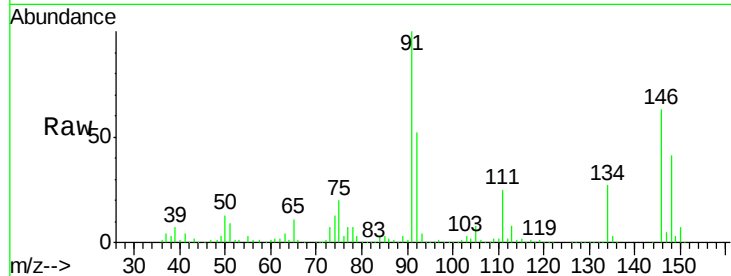
#91
 1,2-Dichlorobenzene
 Concen: 18.793 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.1	63.1
148	64.4	32.3	96.8

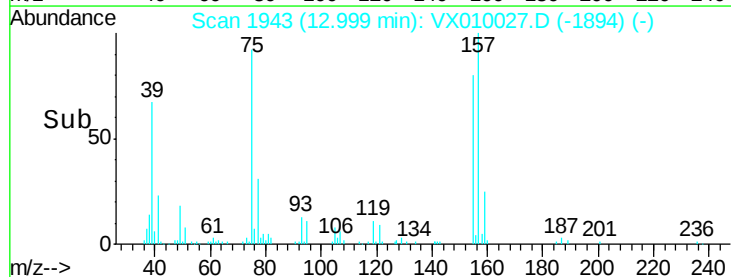
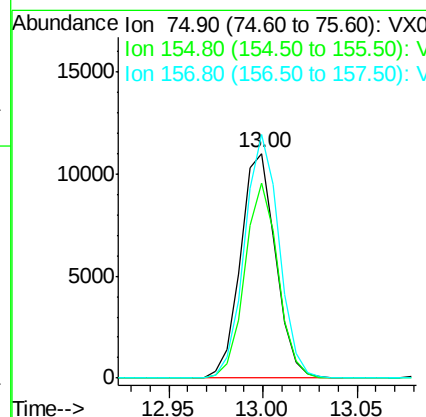
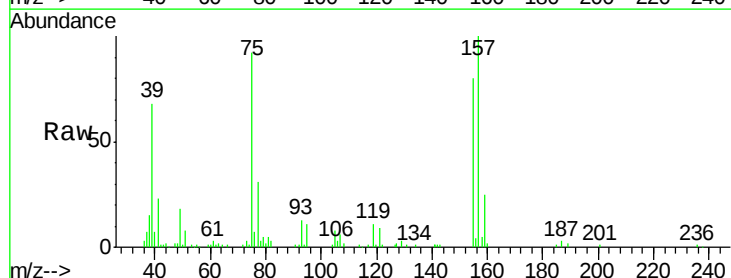
Manual Integrations
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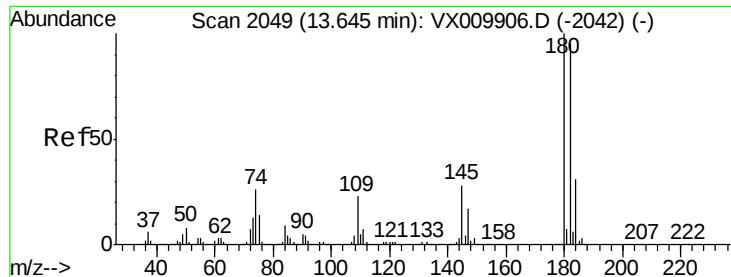
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 6/4/2019 11:30:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.913 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	39.3	117.8
157	106.3	50.6	151.8





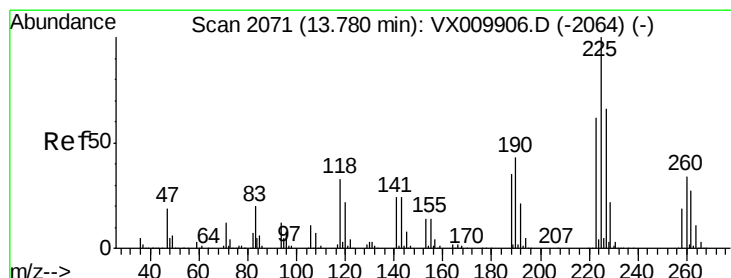
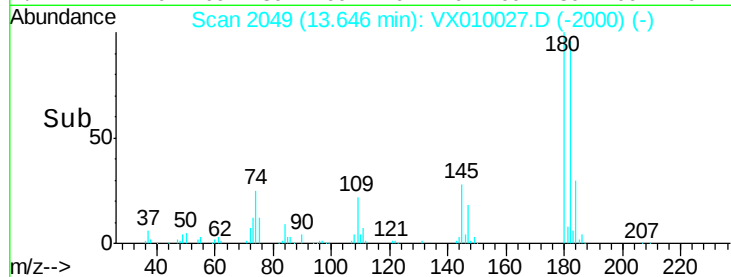
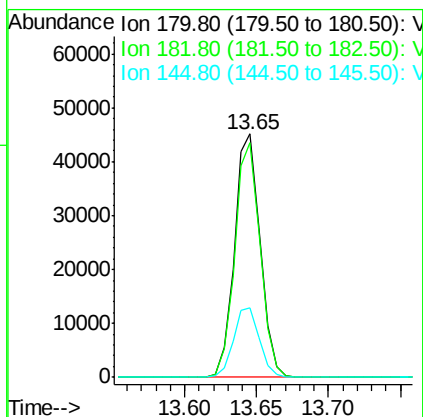
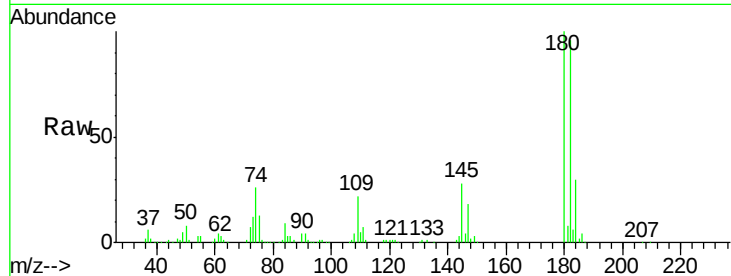
#93
 1,2,4-Trichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	28.8	14.5	43.5

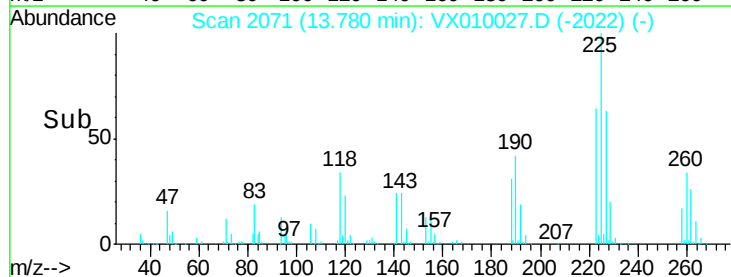
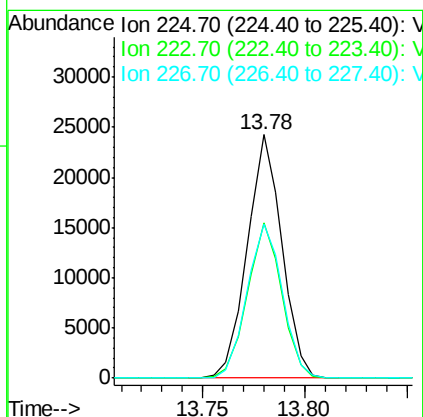
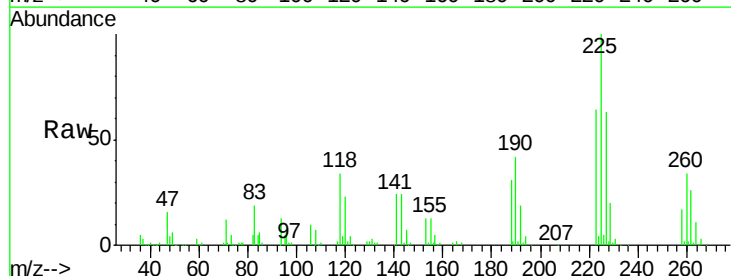
Manual Integrations
 APPROVED

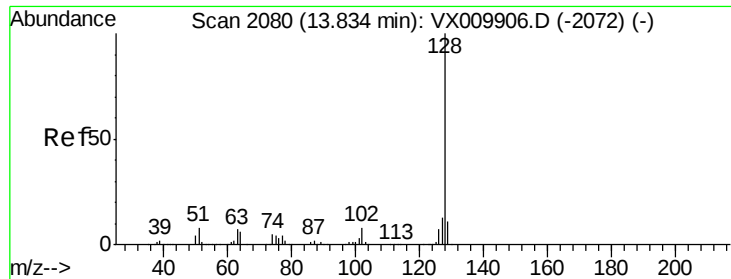
MMDadoda
 6/4/2019 11:30:07 AM



#94
 Hexachlorobutadiene
 Concen: 19.728 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010027.D
 Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	64.7	32.3	96.8





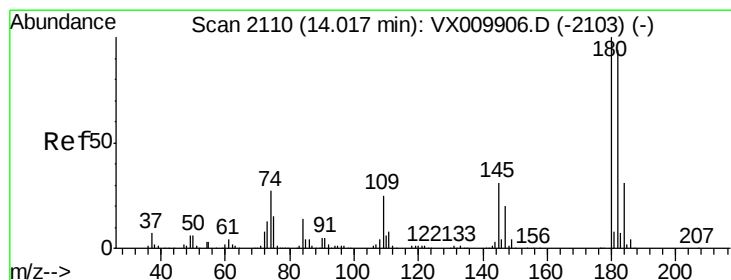
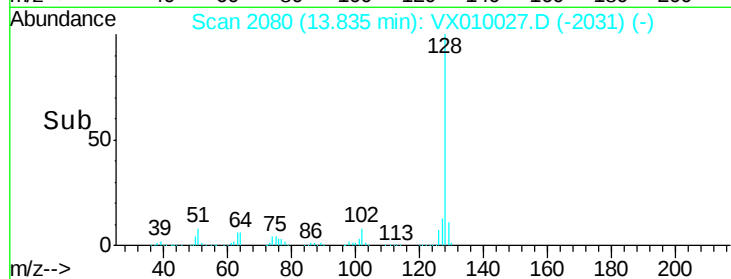
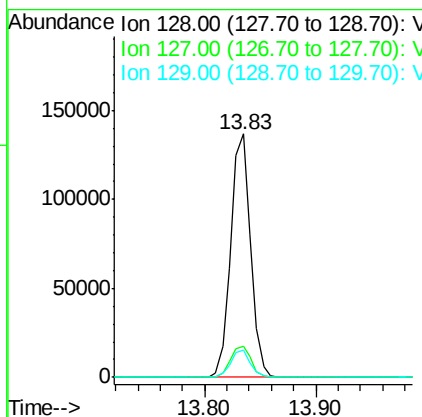
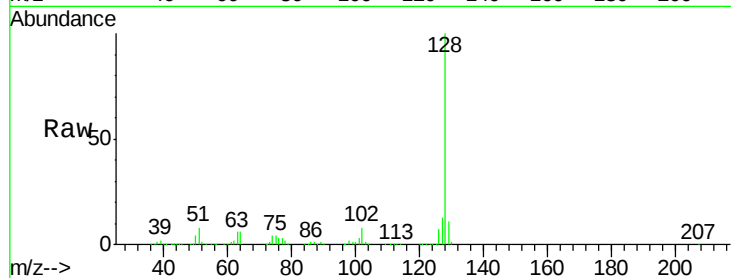
#95
Naphthalene
Concen: 18.714 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/4/2019 11:30:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.155 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010027.D
Acq: 03 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	142.0
145	30.5	15.6	46.7

