

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008653.D
 Acq On : 04 Apr 2019 22:43
 Operator : JC/SP
 Sample : VX0404WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:54 AM

Quant Time: Apr 05 08:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122117	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	89147	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.71	98	365547	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	131147	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35903	17.639	ug/l	97
3) Chloromethane	1.32	50	51291	19.532	ug/l	99
4) Vinyl Chloride	1.40	62	49044	17.824	ug/l	100
5) Bromomethane	1.64	94	22969	18.192	ug/l	98
6) Chloroethane	1.71	64	32701	19.941	ug/l	98
7) Trichlorofluoromethane	1.93	101	55855	18.364	ug/l	96
8) Diethyl Ether	2.19	74	27159	18.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34771	17.756	ug/l	99
10) Methyl Iodide	2.51	142	21109	14.891	ug/l	99
11) Tert butyl alcohol	3.05	59	62061	102.783	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37155	18.175	ug/l	99
13) Acrolein	2.29	56	20636	68.924	ug/l	98
14) Allyl chloride	2.73	41	83954	17.939	ug/l	99
15) Acrylonitrile	3.14	53	150922	94.350	ug/l	100
16) Acetone	2.44	43	129304	87.044	ug/l	97
17) Carbon Disulfide	2.57	76	107246	17.689	ug/l	99
18) Methyl Acetate	2.77	43	66415	18.434	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	140374	19.228	ug/l	97
20) Methylene Chloride	2.85	84	45340	18.234	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39648	17.930	ug/l	93
22) Diisopropyl ether	3.85	45	170254	18.875	ug/l	91
23) Vinyl Acetate	3.81	43	746998	95.197	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82787	18.537	ug/l	99
25) 2-Butanone	4.67	43	221801	94.468	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47477	15.094	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46533	18.304	ug/l	96
28) Bromochloromethane	5.01	49	39888	19.538	ug/l	100
29) Tetrahydrofuran	5.13	42	147328	94.541	ug/l	100
30) Chloroform	5.21	83	74714	18.731	ug/l	95
31) Cyclohexane	5.58	56	79072	17.744	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59918	18.589	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56428	17.082	ug/l	99
37) Ethyl Acetate	4.84	43	83338	18.900	ug/l	99
38) Carbon Tetrachloride	5.78	117	48925	17.894	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67197	16.467	ug/l	99
40) Benzene	6.14	78	181073	18.399	ug/l	98
41) Methacrylonitrile	5.04	41	45634	18.005	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62439	17.698	ug/l	99
43) Isopropyl Acetate	6.45	43	128575	18.614	ug/l	99
44) Trichloroethene	7.21	130	40972	17.875	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51074	18.183	ug/l	100
46) Dibromomethane	7.66	93	28707	17.621	ug/l	99
47) Bromodichloromethane	7.90	83	55980	18.224	ug/l	100
48) Methyl methacrylate	7.77	41	65102	18.632	ug/l	100
49) 1,4-Dioxane	7.74	88	26880	410.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	430537	96.827	ug/l	99
52) Toluene	8.79	92	107574	18.541	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60390	17.551	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68584	17.444	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43032	18.477	ug/l	100
56) Ethyl methacrylate	9.18	69	81161	19.261	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77243	18.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207819	96.586	ug/l	100
59) 2-Hexanone	9.49	43	336253	97.308	ug/l	99
60) Dibromochloromethane	9.58	129	39844	18.155	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44480	18.346	ug/l	99
64) Tetrachloroethene	9.34	164	35212	17.707	ug/l	99
65) Chlorobenzene	10.14	112	107897	18.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38000	18.206	ug/l	99
67) Ethyl Benzene	10.25	91	202149	18.221	ug/l	99
68) m/p-Xylenes	10.36	106	146415	36.705	ug/l	100
69) o-Xylene	10.70	106	72189	18.674	ug/l	100
70) Styrene	10.71	104	125255	18.797	ug/l	99
71) Bromoform	10.85	173	28629	17.959	ug/l #	100
73) Isopropylbenzene	11.02	105	190777	18.708	ug/l	100
74) N-amyl acetate	10.90	43	116035	19.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72834	18.779	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62017m	18.346	ug/l	
77) Bromobenzene	11.26	156	45708	18.644	ug/l	99
78) n-propylbenzene	11.36	91	216616	18.243	ug/l	99
79) 2-Chlorotoluene	11.42	91	132268	18.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160863	18.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19995	16.305	ug/l	91
82) 4-Chlorotoluene	11.51	91	149538	17.978	ug/l	99
83) tert-Butylbenzene	11.77	119	156142	18.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	161303	18.609	ug/l	99
85) sec-Butylbenzene	11.94	105	180234	18.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	161048	18.342	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79384	18.088	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	79312	17.846	ug/l	99
89) n-Butylbenzene	12.38	91	142750	17.336	ug/l	100
90) Hexachloroethane	12.60	117	26138	17.949	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	81022	18.593	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16575	19.427	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55431	18.295	ug/l	99
94) Hexachlorobutadiene	13.78	225	26184	18.020	ug/l	99
95) Naphthalene	13.83	128	197358	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57097	18.861	ug/l	99

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

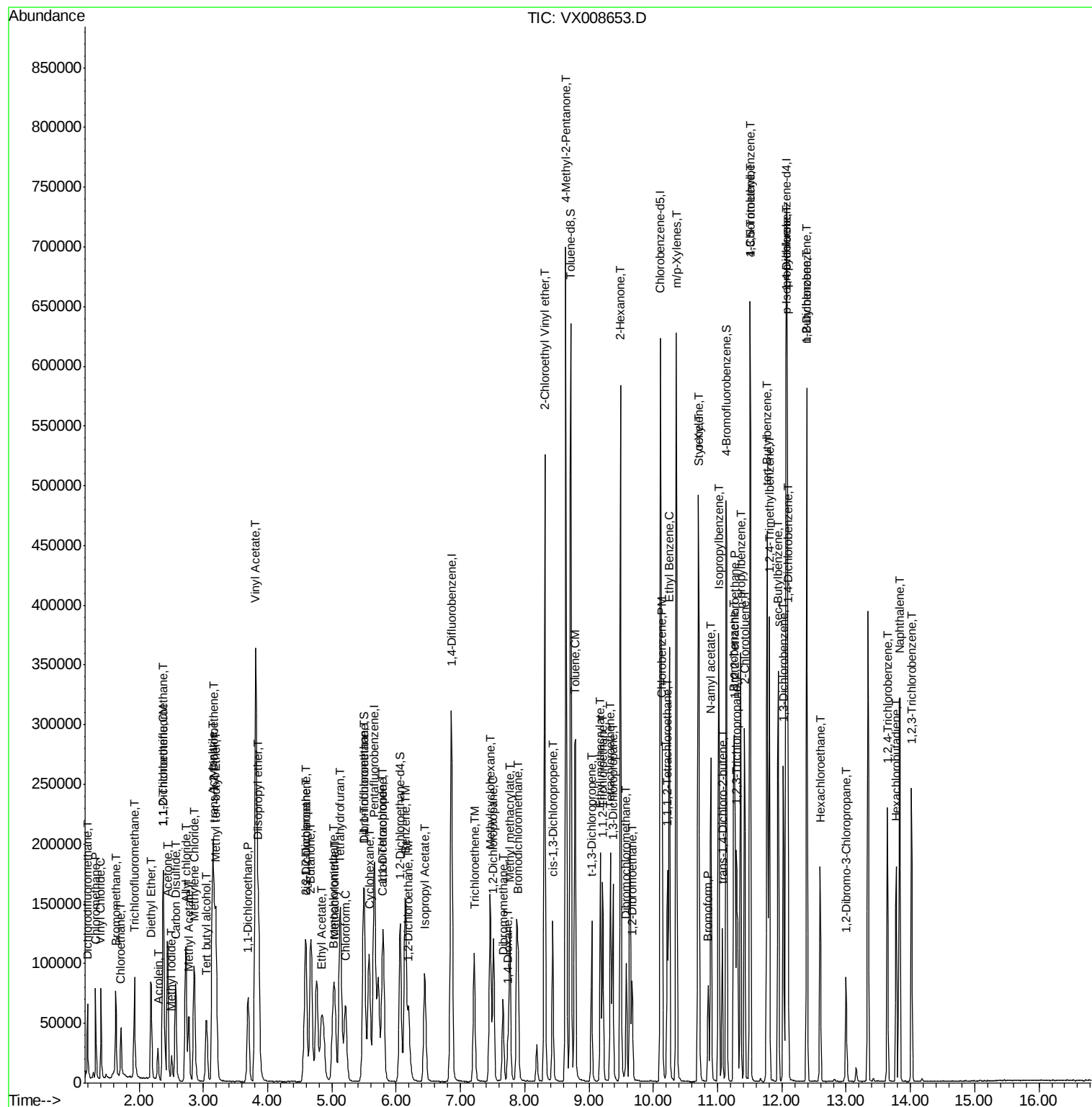
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040419\
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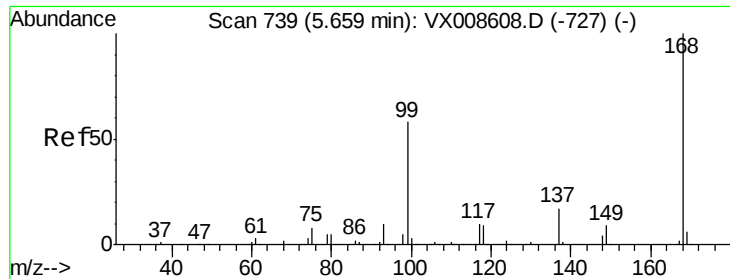
Instrument :
MSVOA_X
Client Sample Id :
VX0404WBS02

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion:168 Resp: 176828

Ion Ratio Lower Upper

168 100

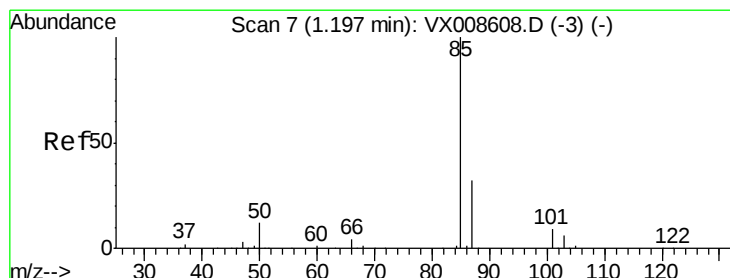
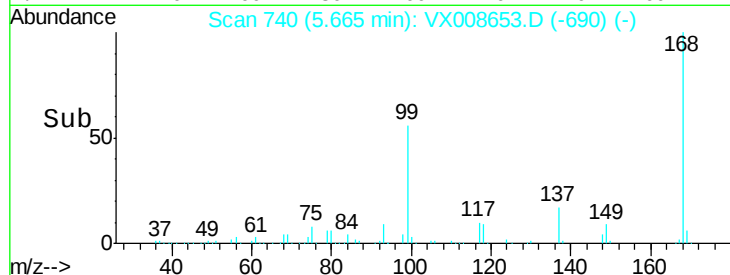
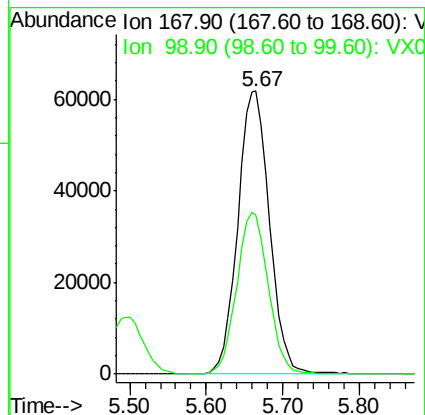
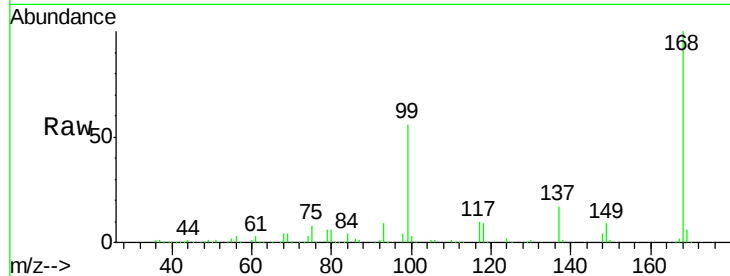
99 55.9 46.7 70.1

Manual Integrations

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4/5/2019 10:53:54 AM



#2

Dichlorodifluoromethane

Concen: 17.639 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008653.D

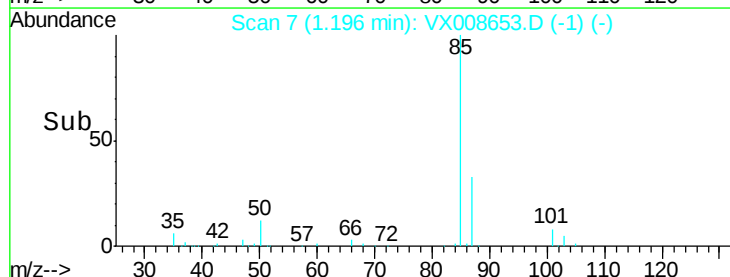
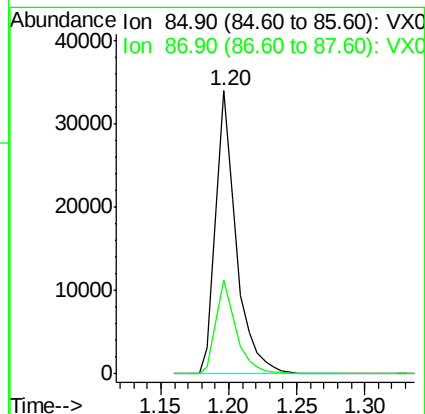
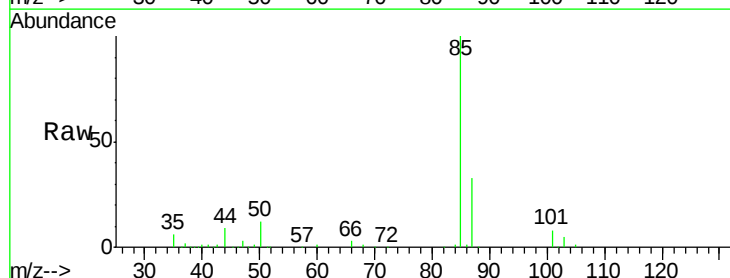
Acq: 04 Apr 2019 22:43

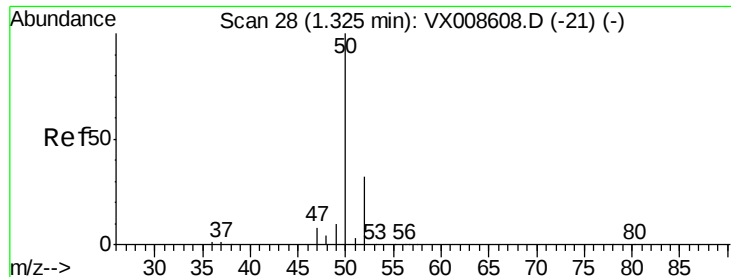
Tgt Ion: 85 Resp: 35903

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3





#3

Chloromethane

Concen: 19.532 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS02

Tot Ion: 50 Resp: 51291

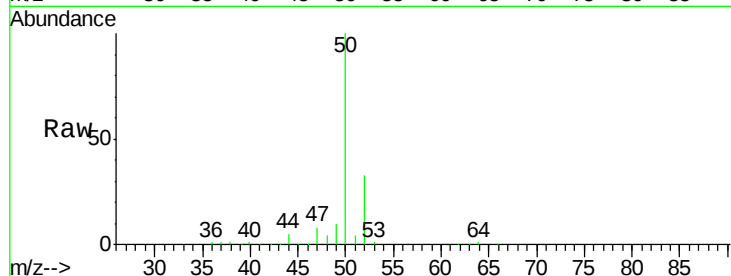
Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8

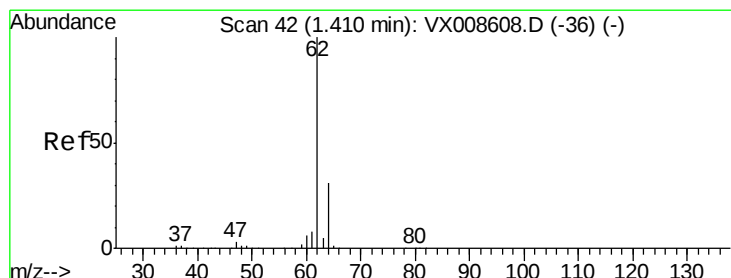
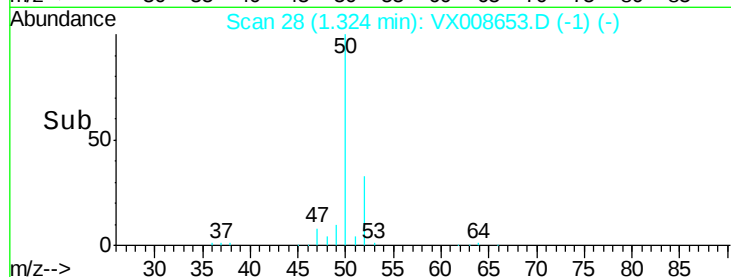
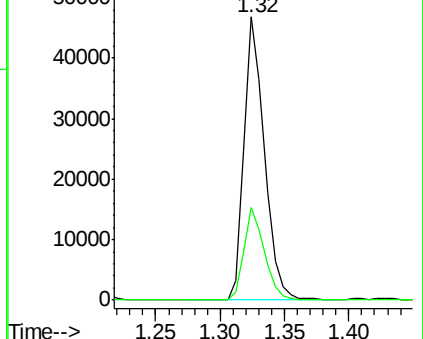
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.824 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008653.D

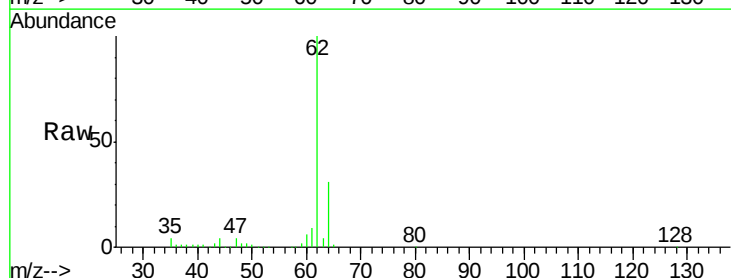
Acq: 04 Apr 2019 22:43

Tgt Ion: 62 Resp: 49044

Ion Ratio Lower Upper

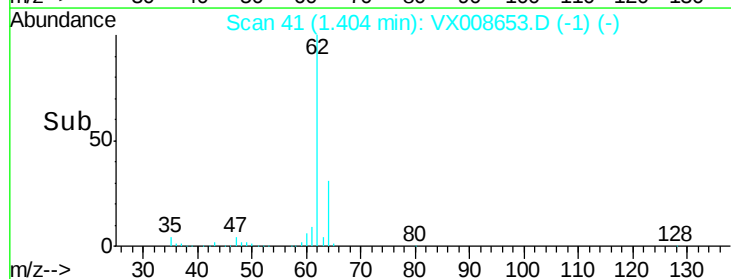
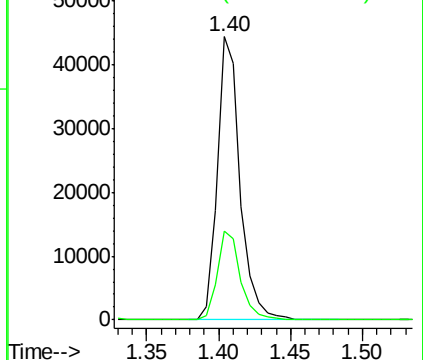
62 100

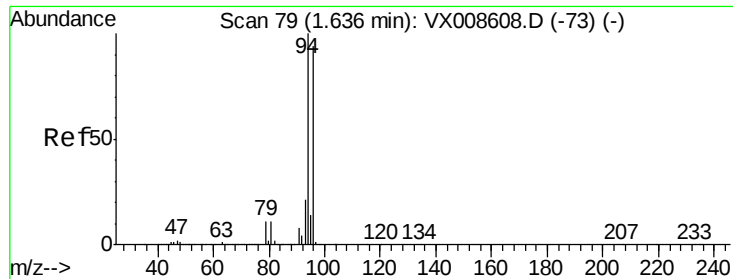
64 31.1 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.192 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS02

Tot Ion: 94 Resp: 22969

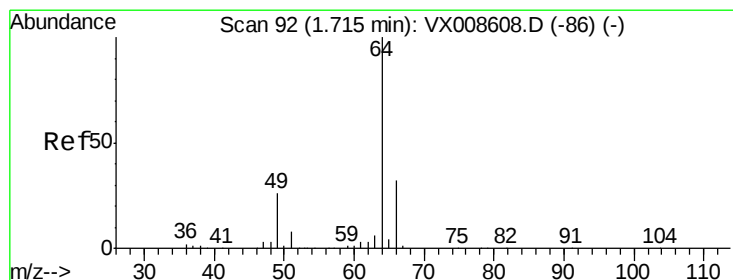
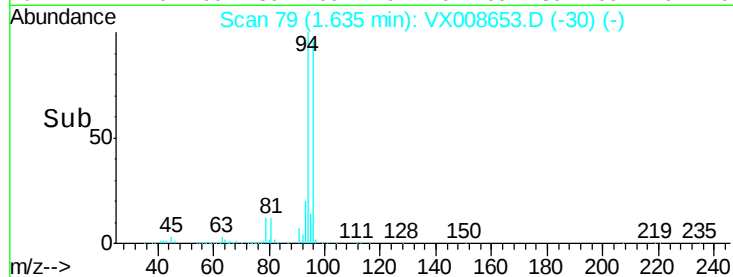
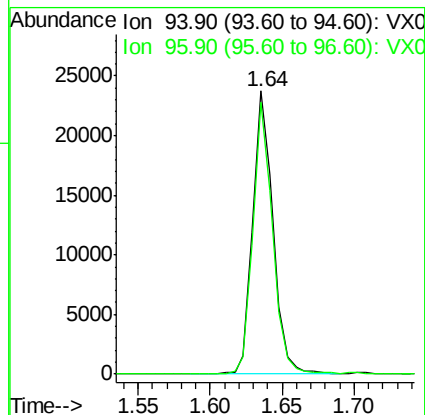
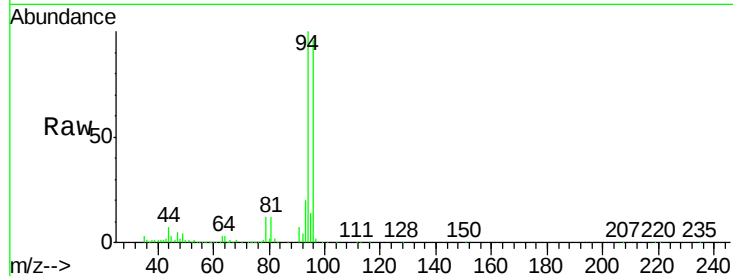
Ion Ratio Lower Upper

94 100

96 95.9 75.2 112.8

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#6

Chloroethane

Concen: 19.941 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008653.D

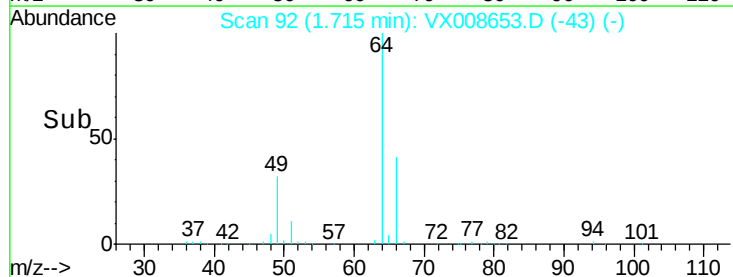
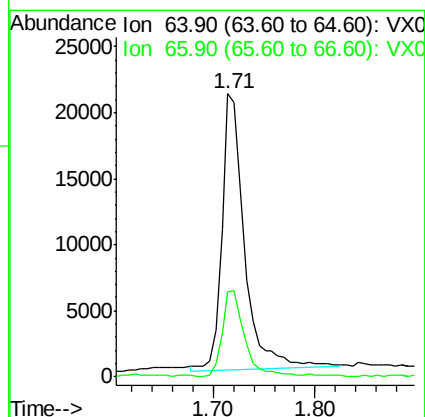
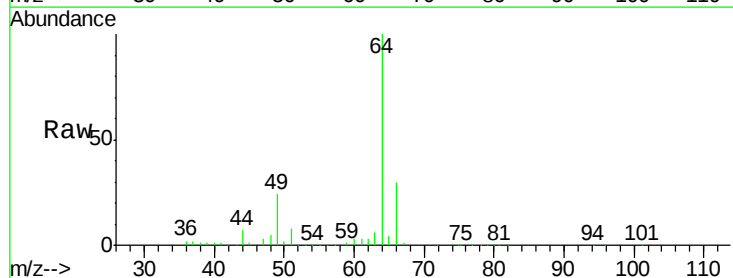
Acq: 04 Apr 2019 22:43

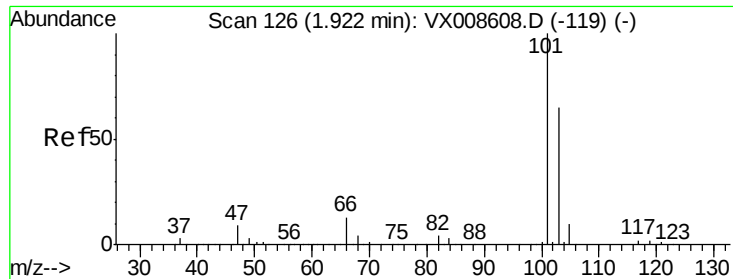
Tgt Ion: 64 Resp: 32701

Ion Ratio Lower Upper

64 100

66 30.7 25.4 38.0





#7

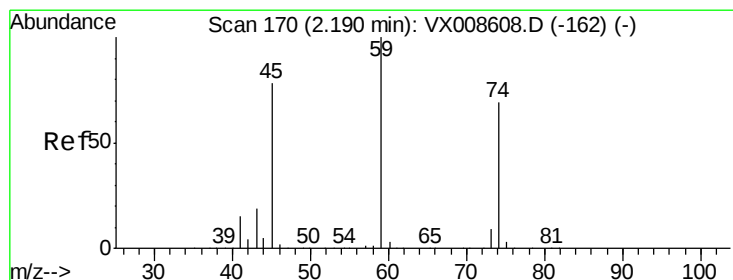
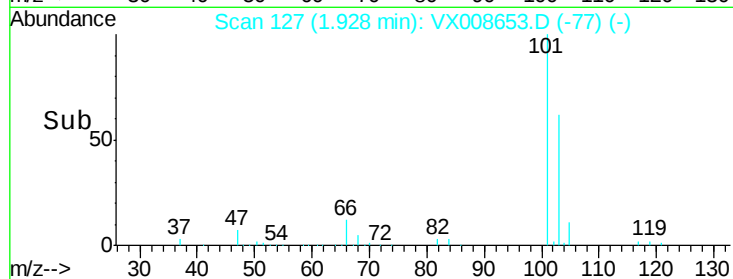
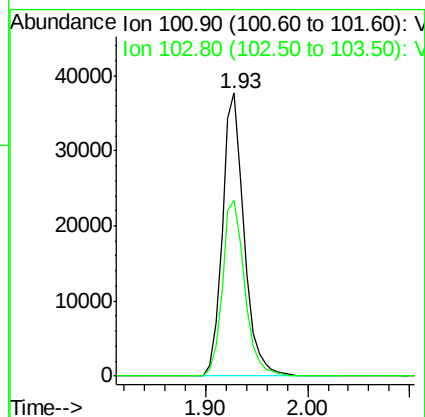
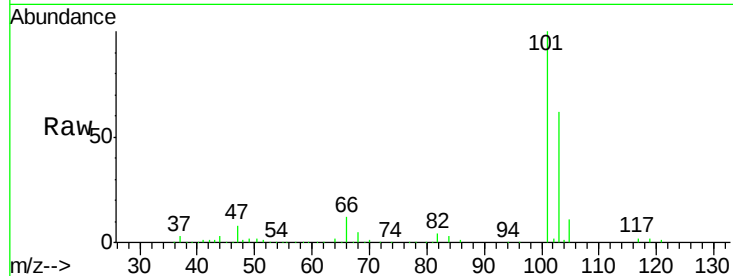
Trichlorofluoromethane
Concen: 18.364 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion:101 Resp: 55855
Ion Ratio Lower Upper
101 100
103 62.3 52.3 78.5

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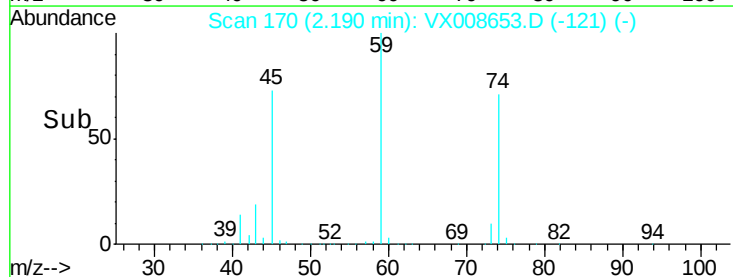
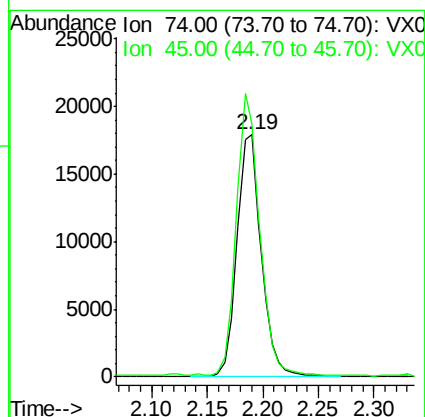
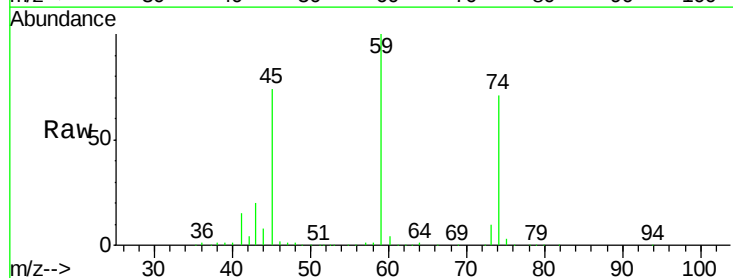
MMDadoda
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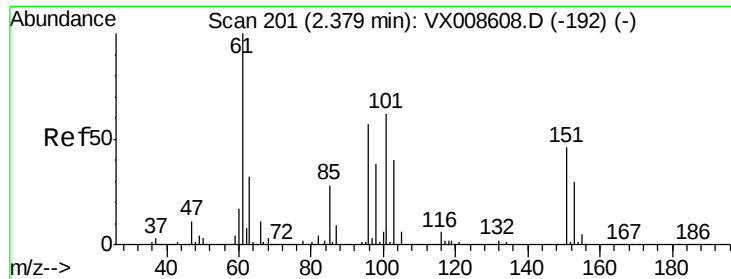


#8

Diethyl Ether
Concen: 18.829 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 74 Resp: 27159
Ion Ratio Lower Upper
74 100
45 111.6 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.756 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

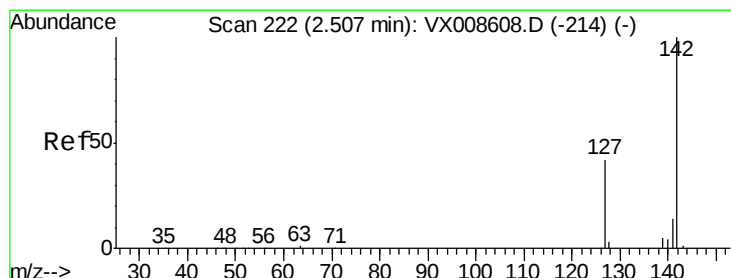
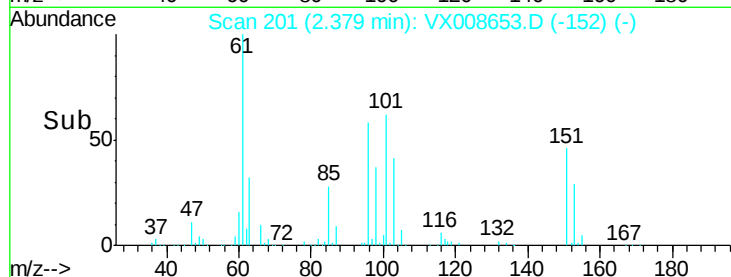
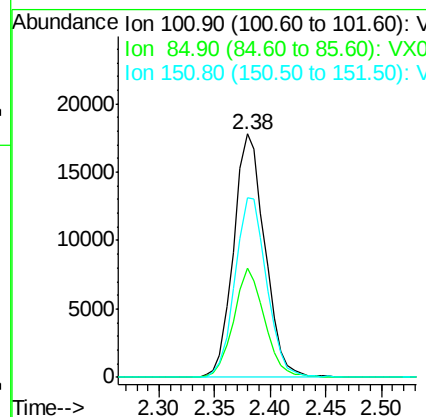
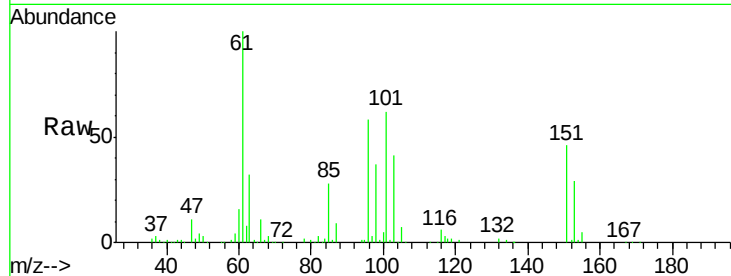
ClientSampleId :

VX0404WBS02

Tot Ion:	101	Resp:	34771
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	74.9	59.9	89.9

Manual Integrations
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4/5/2019 10:53:54 AM



#10

Methyl Iodide

Concen: 14.891 ug/l

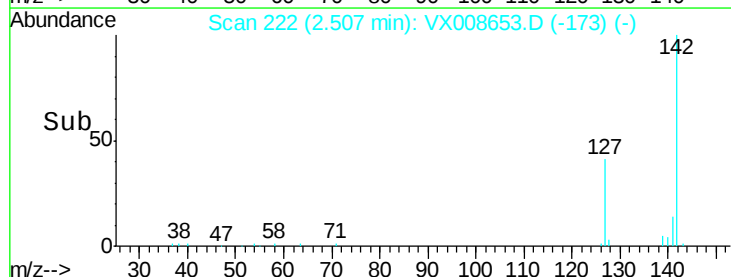
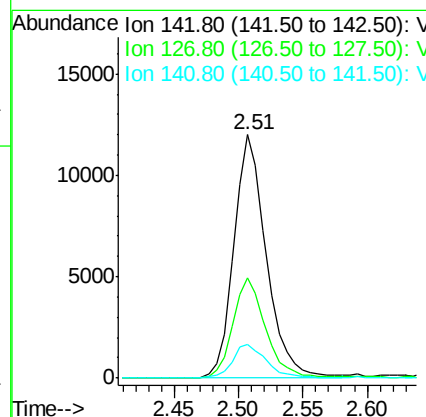
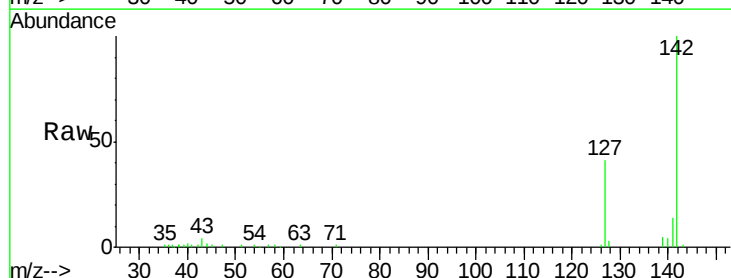
RT: 2.51 min Scan# 222

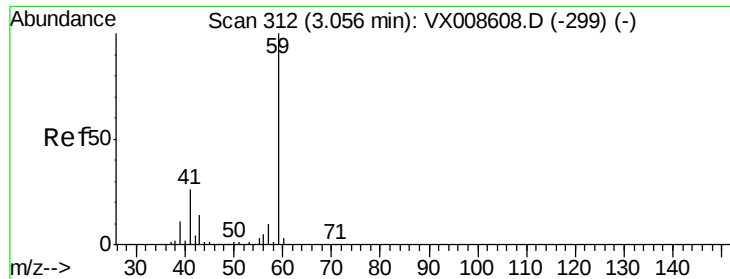
Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion:	142	Resp:	21109
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.0	49.6
141	14.5	11.4	17.2





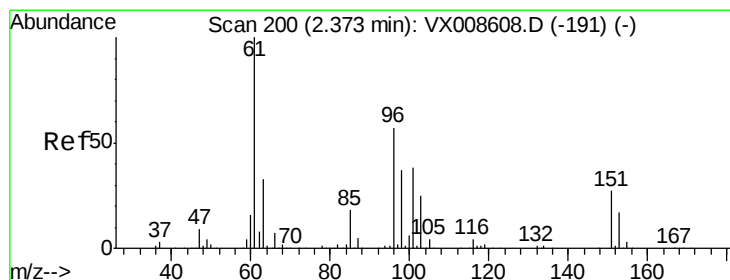
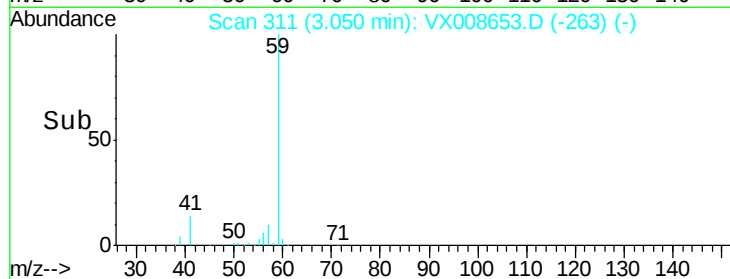
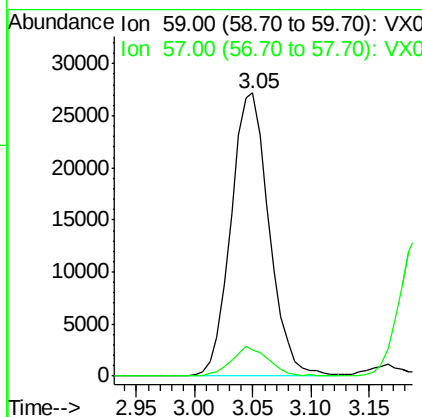
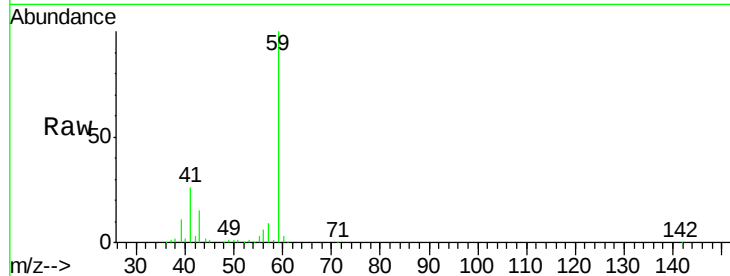
#11
Tert butyl alcohol
Concen: 102.783 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion: 59 Resp: 62061
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

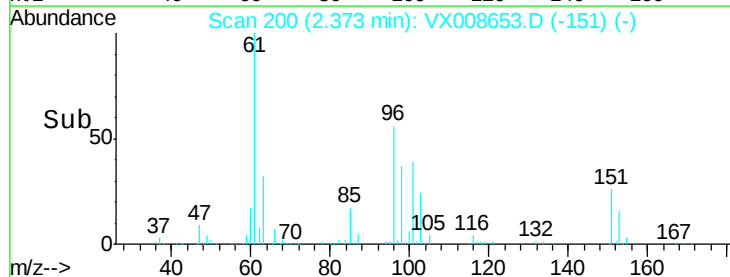
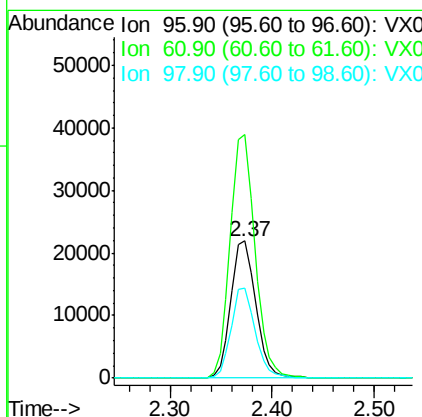
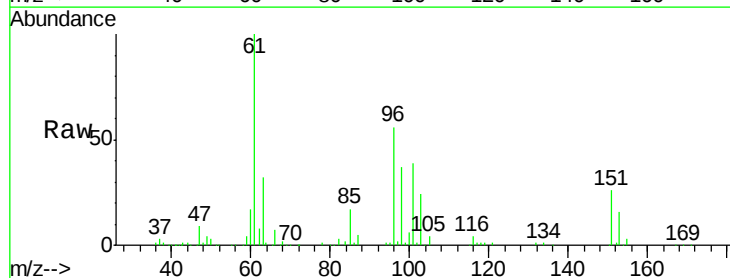
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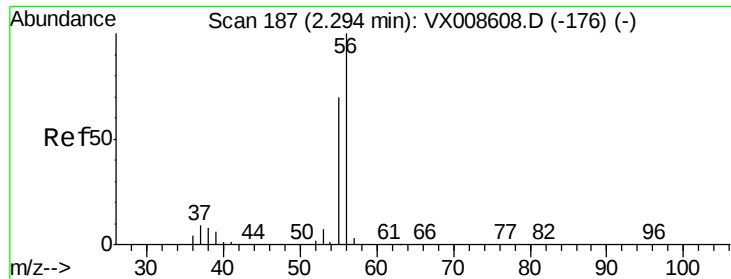
MMDadoda
4/5/2019 10:53:54 AM



#12
1,1-Dichloroethene
Concen: 18.175 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 96 Resp: 37155
Ion Ratio Lower Upper
96 100
61 177.9 140.9 211.3
98 65.5 52.1 78.1





#13

Acrolein

Concen: 68.924 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 56 Resp: 20636

Ion Ratio Lower Upper

56 100

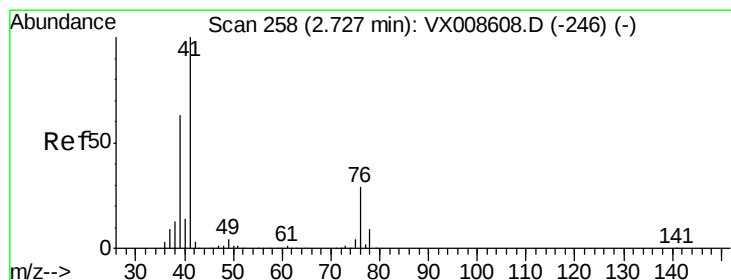
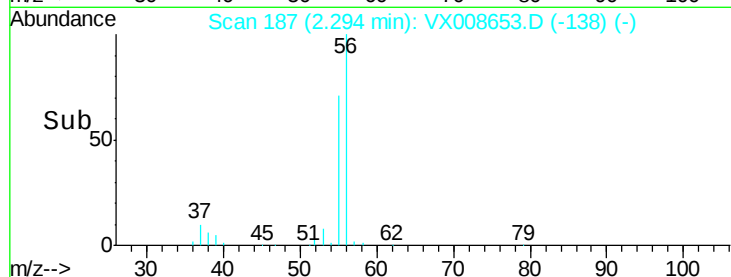
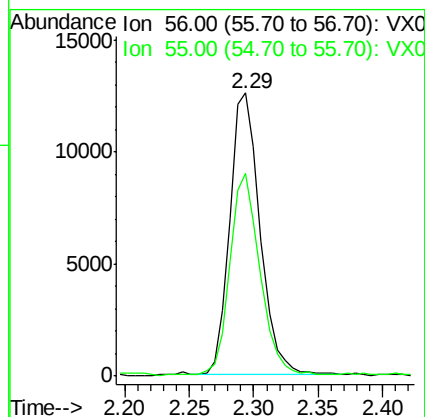
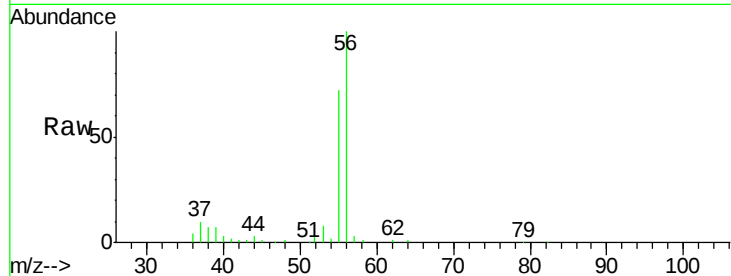
55 71.1 58.0 87.0

Manual Integrations

APPROVED

MMDadoda

4/5/2019 10:53:54 AM



#14

Allyl chloride

Concen: 17.939 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

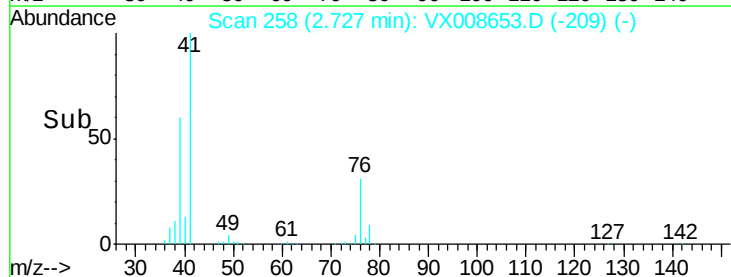
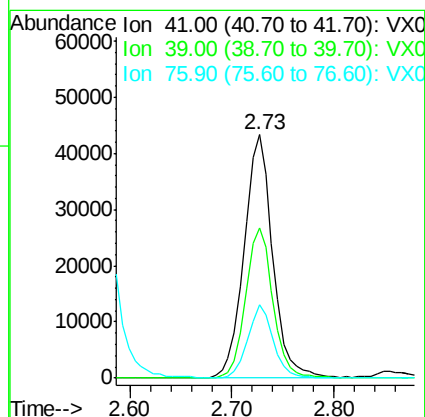
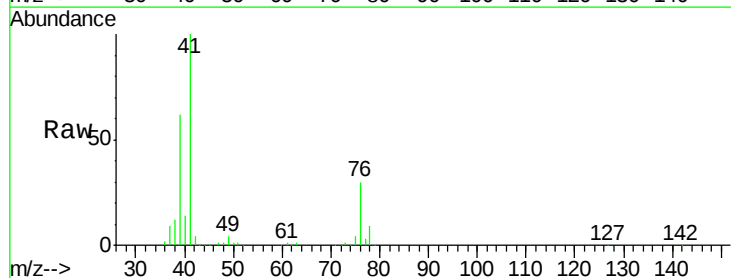
Tgt Ion: 41 Resp: 83954

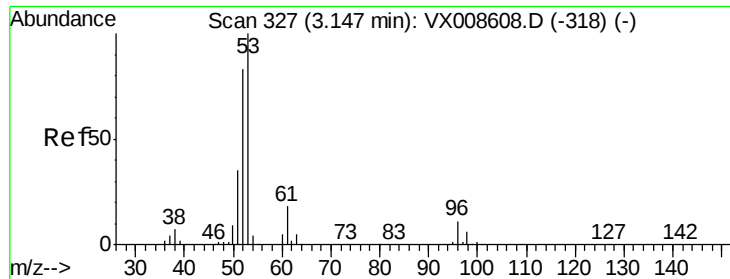
Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 94.350 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

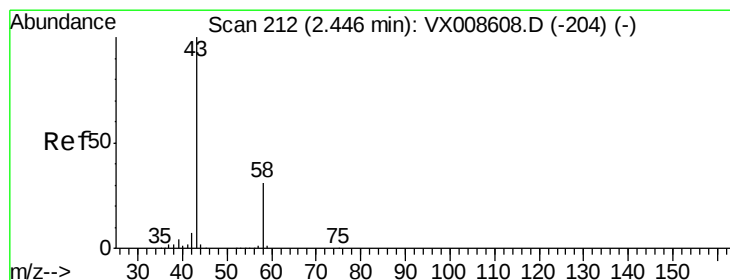
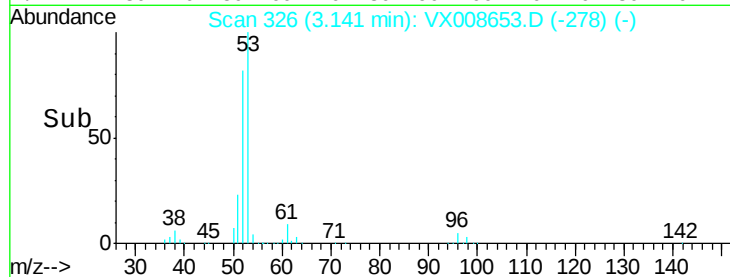
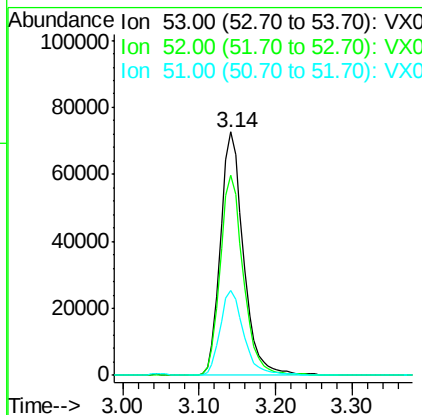
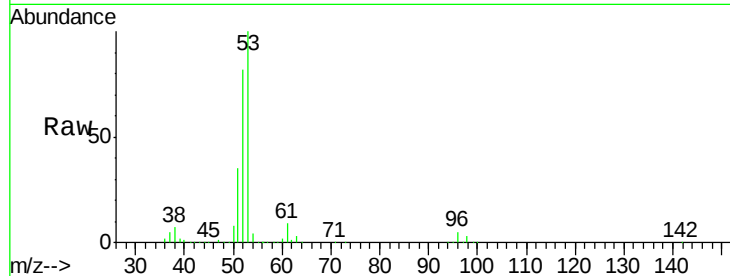
ClientSampleId :

VX0404WBS02

Tot Ion:	53	Resp:	150922
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	36.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 87.044 ug/l

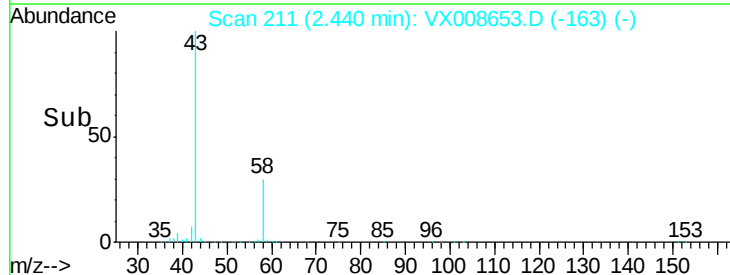
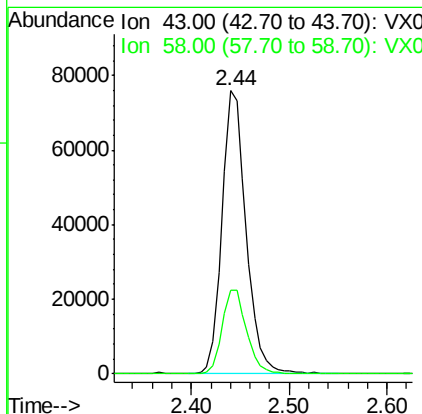
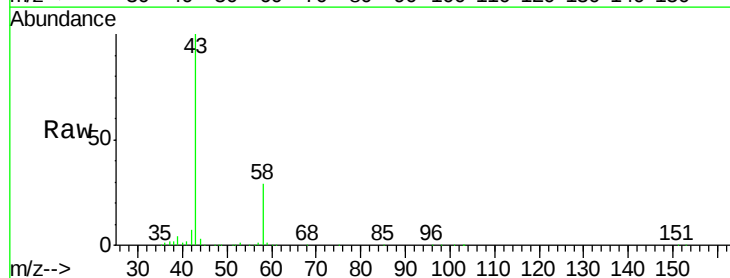
RT: 2.44 min Scan# 211

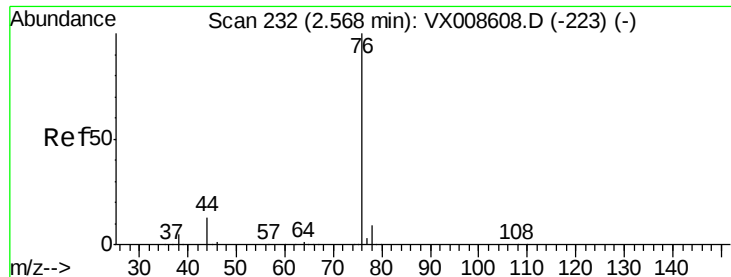
Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion:	43	Resp:	129304
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.8	37.2





#17

Carbon Disulfide

Concen: 17.689 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 76 Resp: 107246

Ion Ratio Lower Upper

76 100

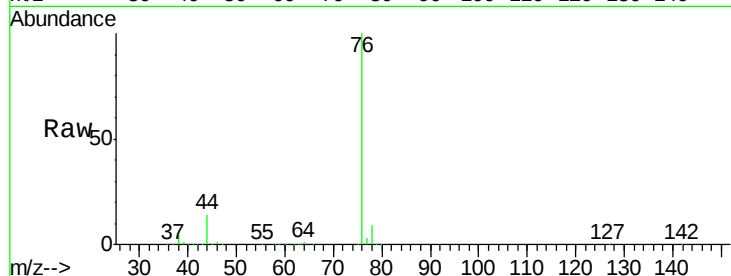
78 9.1 7.1 10.7

Manual Integrations

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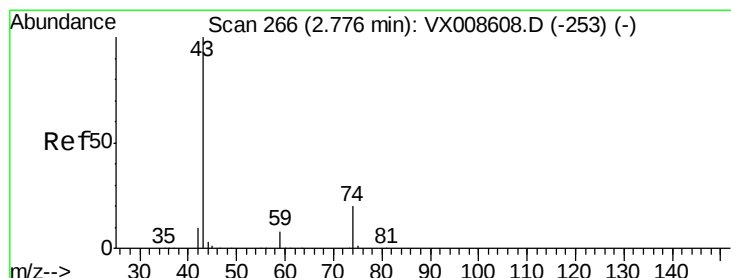
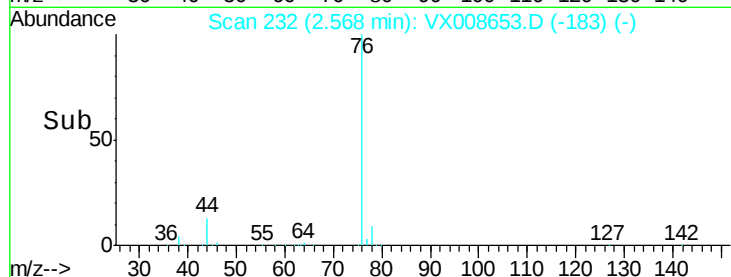
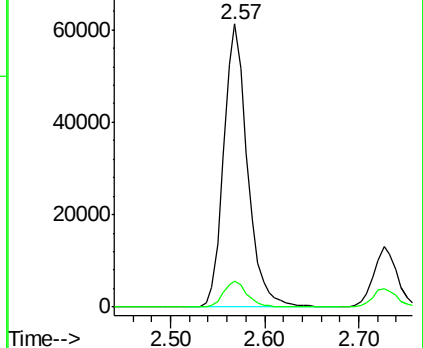
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4/5/2019 10:53:54 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.434 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008653.D

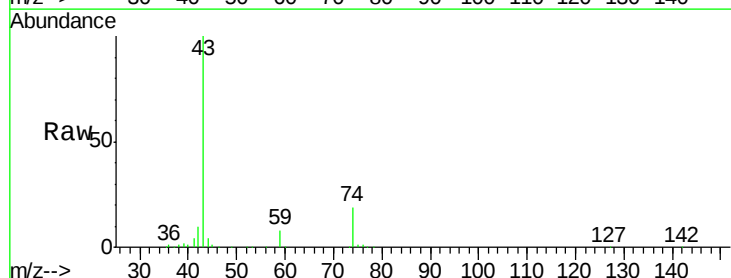
Acq: 04 Apr 2019 22:43

Tgt Ion: 43 Resp: 66415

Ion Ratio Lower Upper

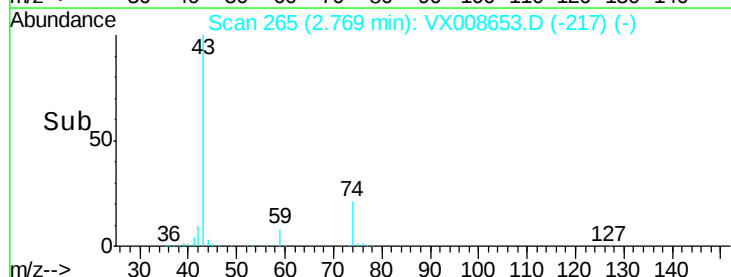
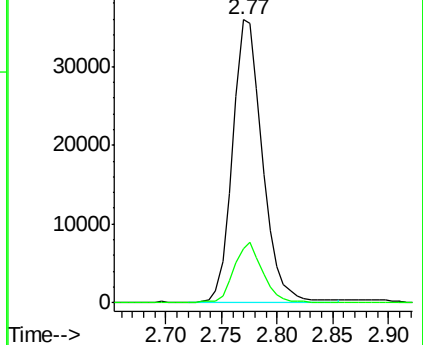
43 100

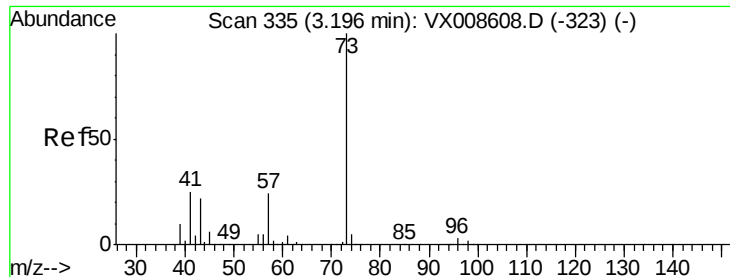
74 21.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

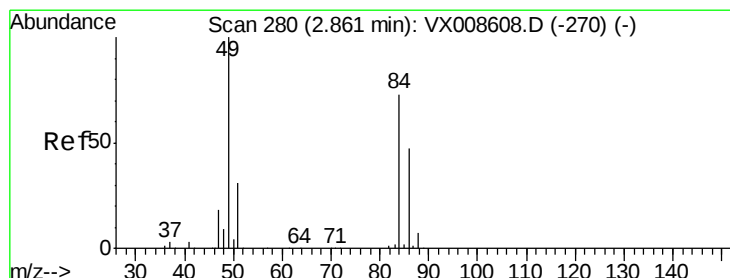
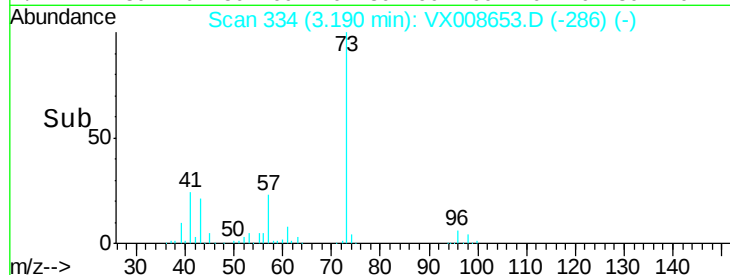
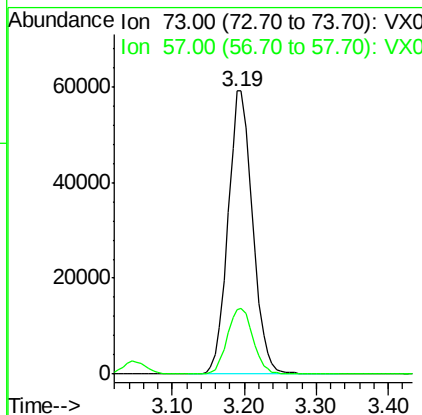
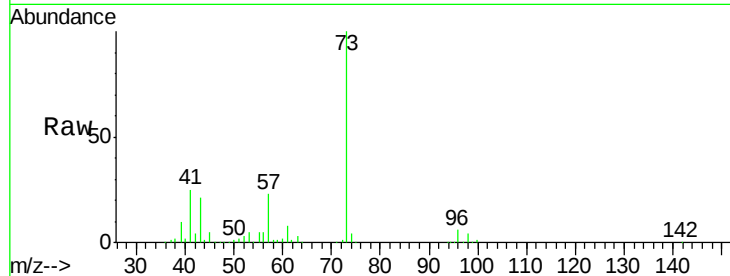
Methyl tert-butyl Ether
 Concen: 19.228 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0404WBS02

Tot Ion	73	Resp	140374
Ion Ratio	Lower	Upper	
73	100		
57	23.0	19.5	29.3

Manual Integrations
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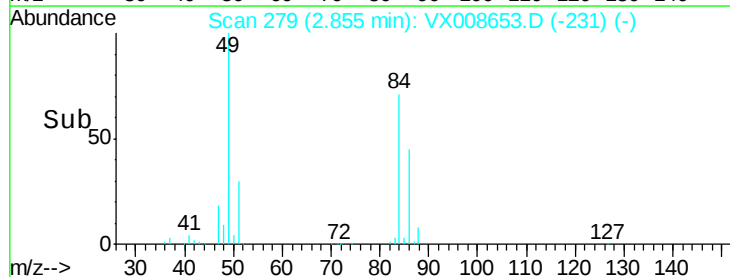
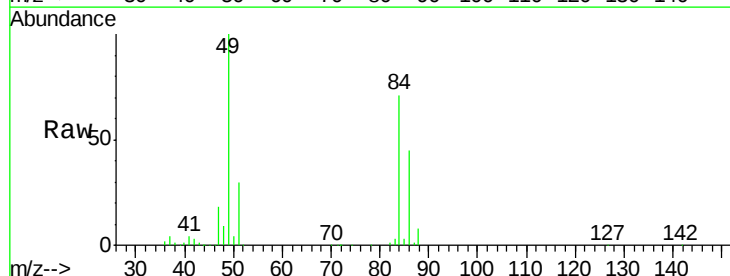
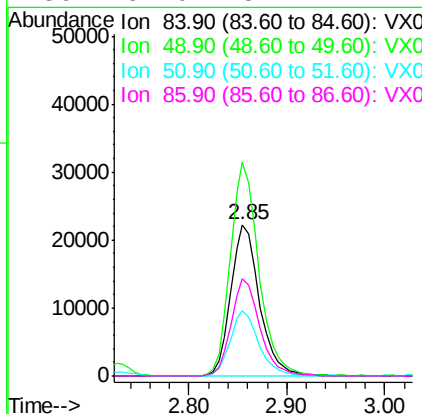
MMDadoda
 4/5/2019 10:53:54 AM

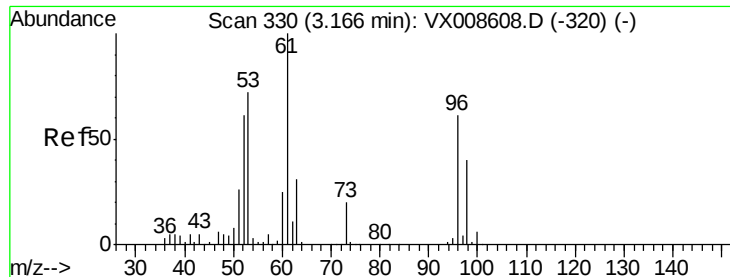


#20

Methylene Chloride
 Concen: 18.234 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	84	Resp	45340
Ion Ratio	Lower	Upper	
84	100		
49	140.9	109.7	164.5
51	42.9	33.6	50.4
86	64.0	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 17.930 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 96 Resp: 39648

Ion Ratio Lower Upper

96 100

61 153.1 132.1 198.1

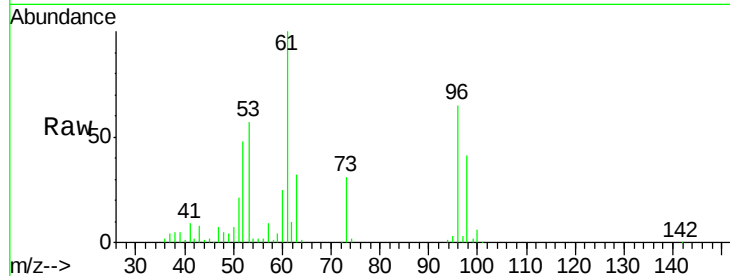
98 63.5 52.2 78.2

Manual Integrations

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MMDadoda

4/5/2019 10:53:54 AM

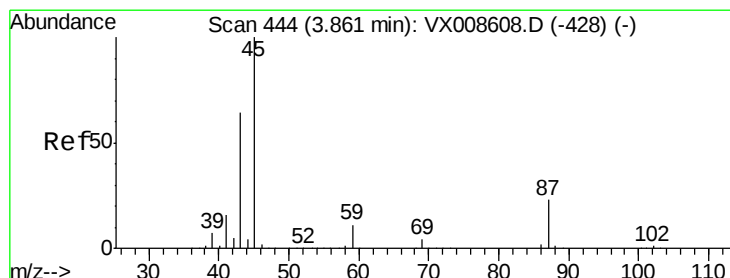
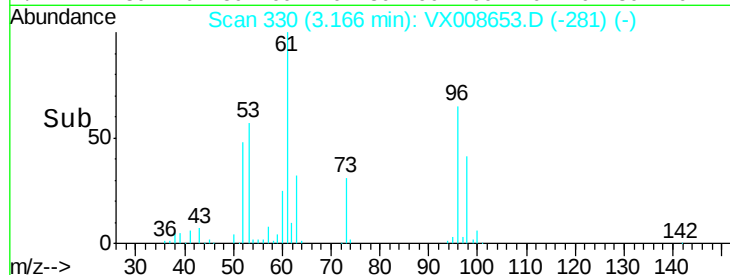
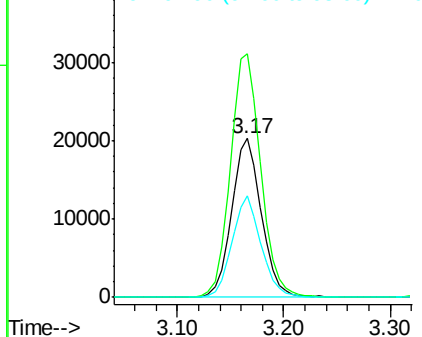


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.875 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion: 45 Resp: 170254

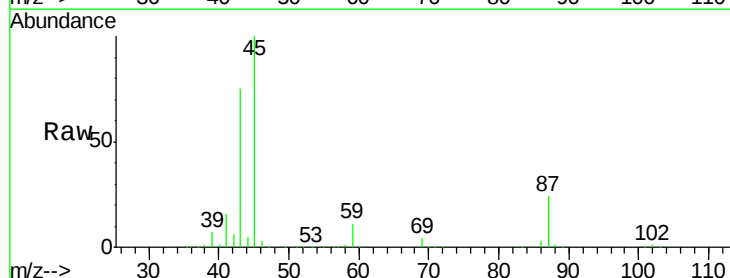
Ion Ratio Lower Upper

45 100

43 74.6 51.3 76.9

87 23.6 18.1 27.1

59 11.1 8.6 13.0



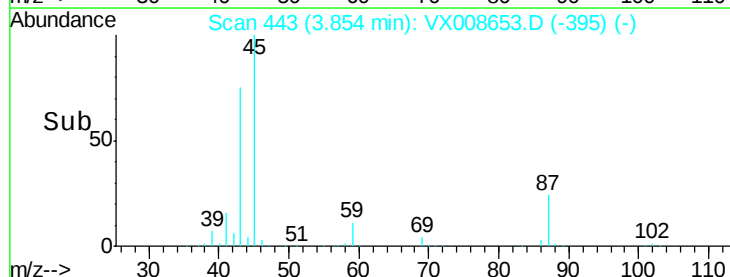
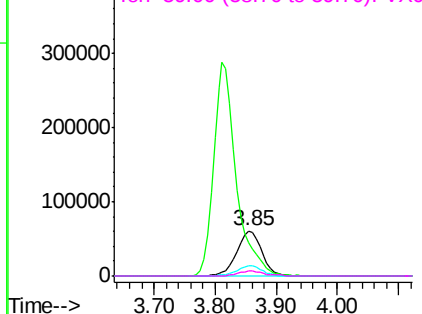
Abundance

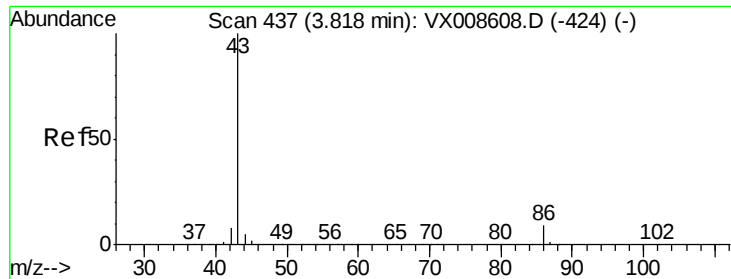
Ion 45.00 (44.70 to 45.70): VX0

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: 95.197 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 43 Resp: 746998

Ion Ratio Lower Upper

43 100

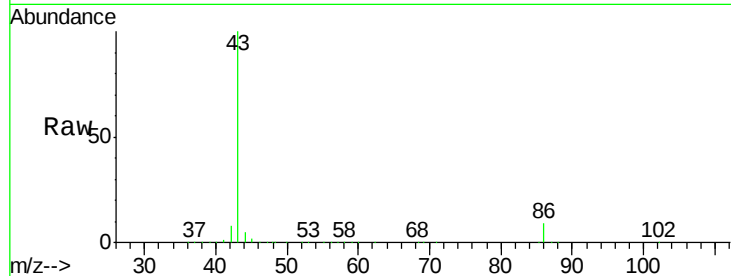
86 8.6 7.0 10.6

Manual Integrations

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4/5/2019 10:53:54 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

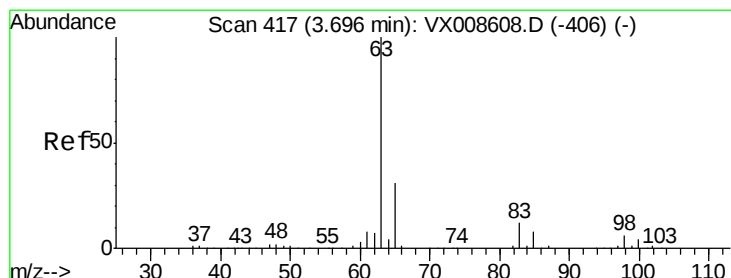
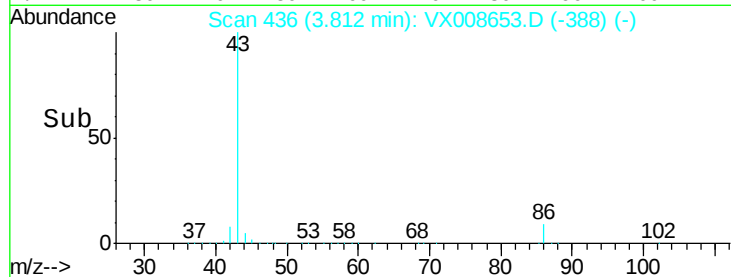
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.537 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

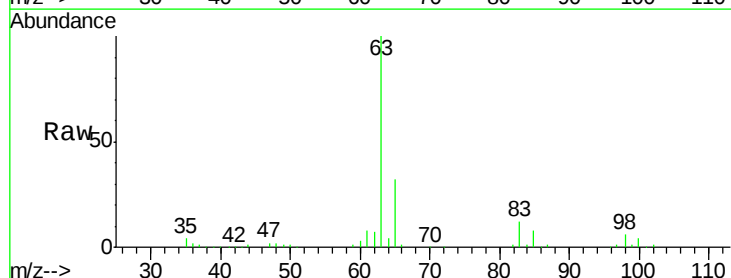
Tgt Ion: 63 Resp: 82787

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 3.9 1.8 5.5



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

3.70

40000

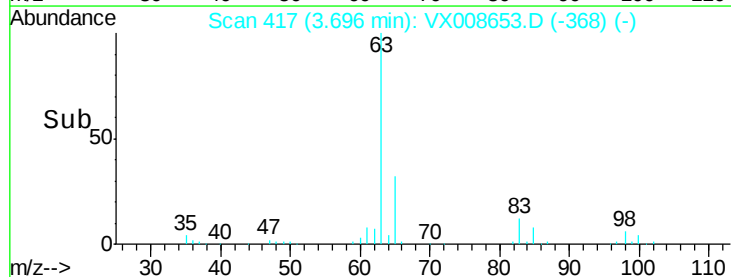
30000

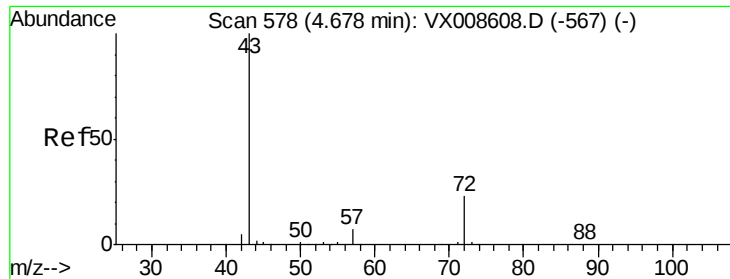
20000

10000

0

Time-->





#25

2-Butanone

Concen: 94.468 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tot Ion: 43 Resp: 221801

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.4

Instrument :

MSVOA_X

ClientSampled :

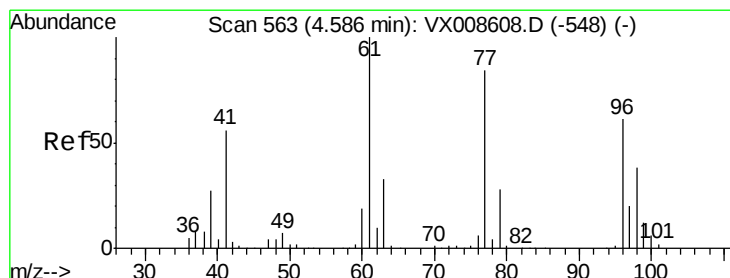
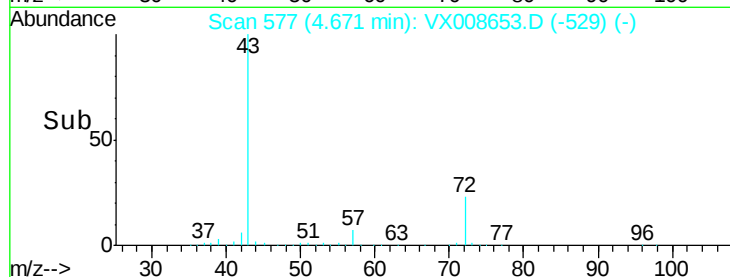
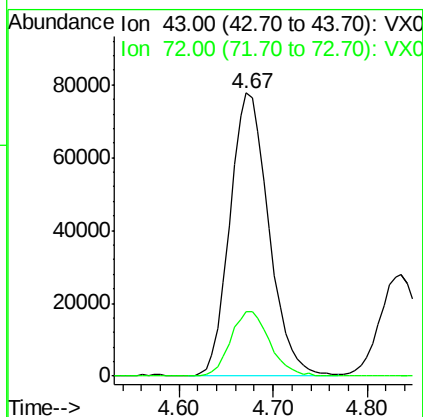
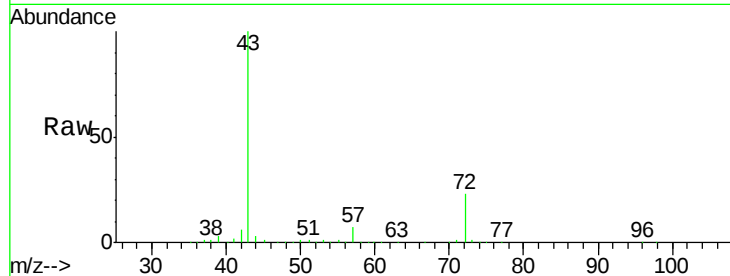
VX0404WBS02

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#26

2,2-Dichloropropane

Concen: 15.094 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008653.D

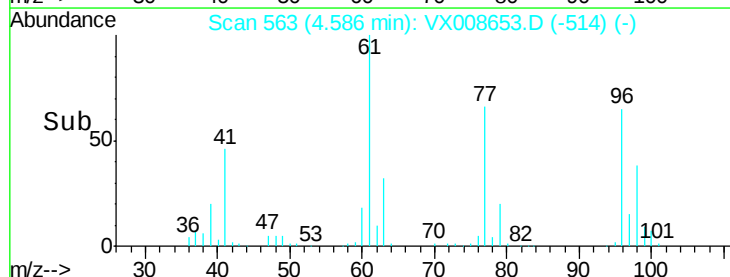
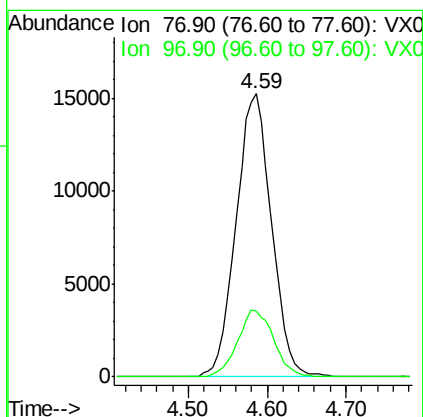
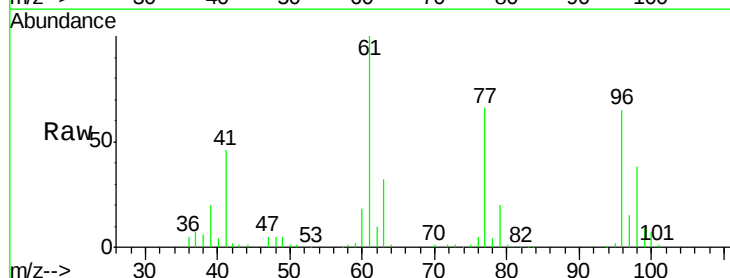
Acq: 04 Apr 2019 22:43

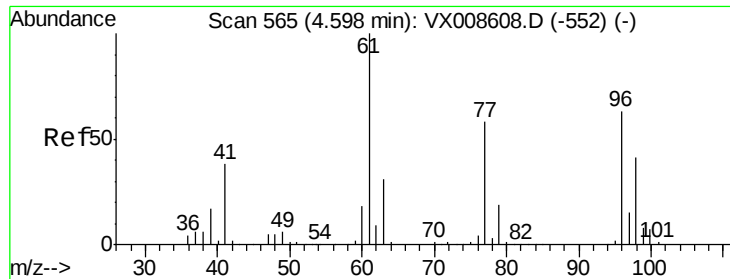
Tgt Ion: 77 Resp: 47477

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5





#27

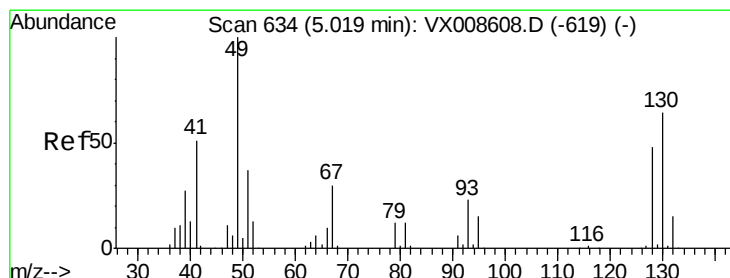
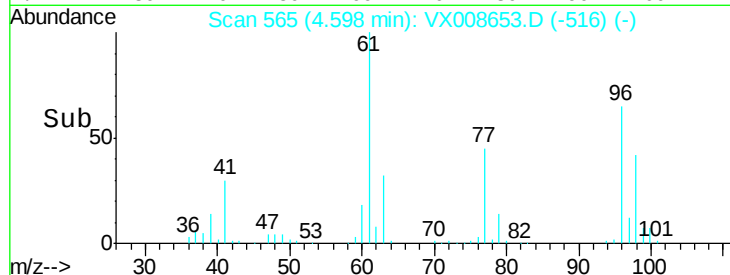
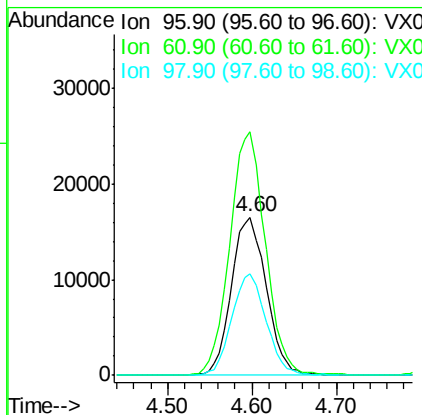
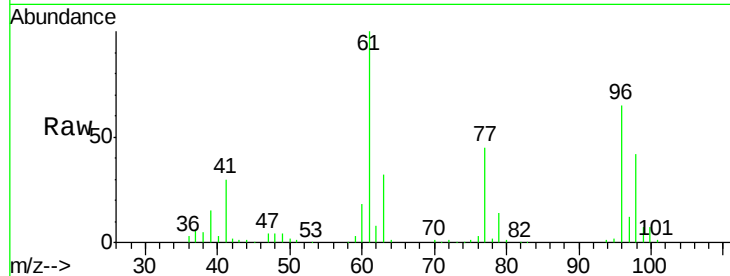
cis-1,2-Dichloroethene
Concen: 18.304 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	327.6
98	63.3	0.0	128.6

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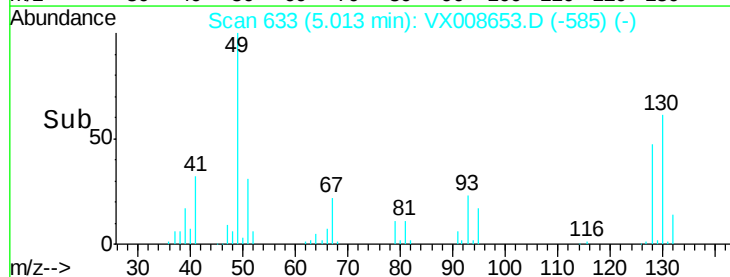
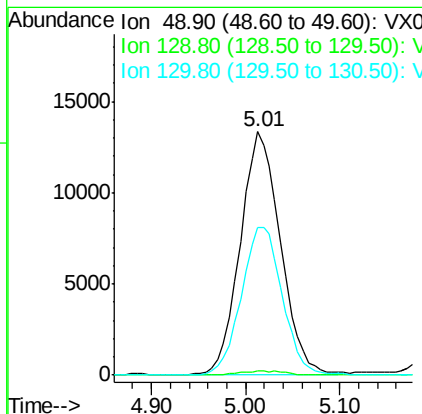
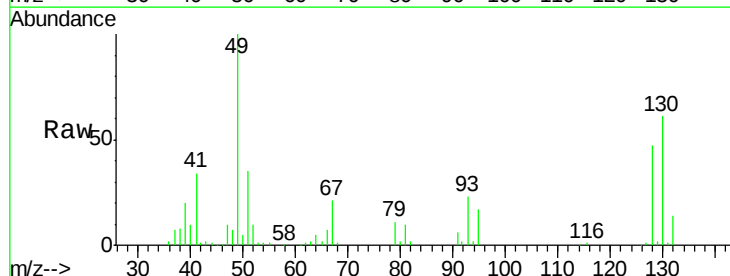
MMDadoda
4/5/2019 10:53:54 AM

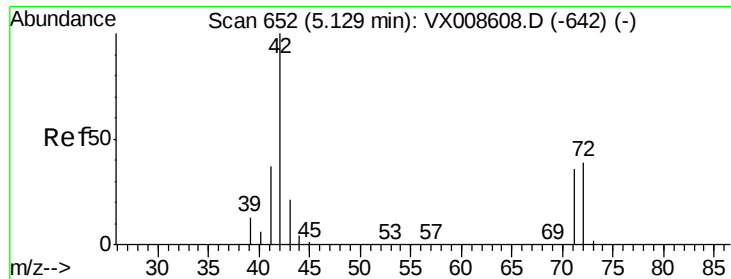


#28

Bromochloromethane
Concen: 19.538 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	61.7	49.3	73.9





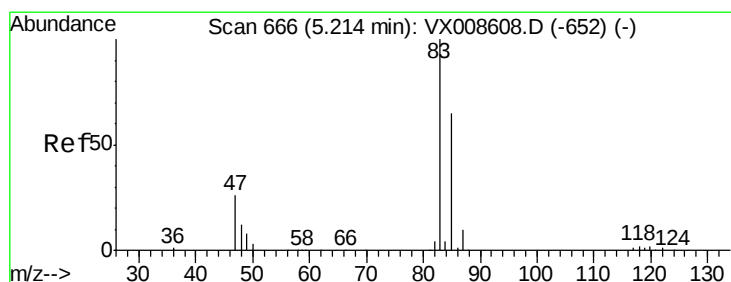
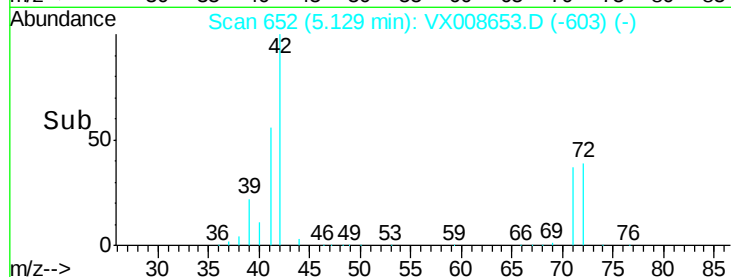
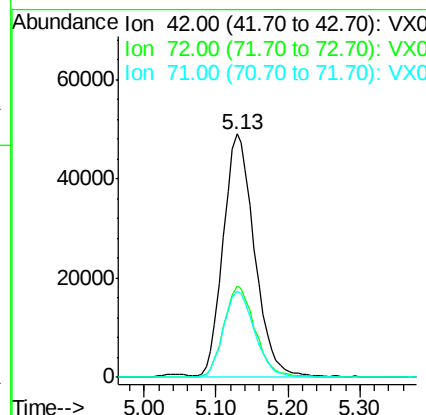
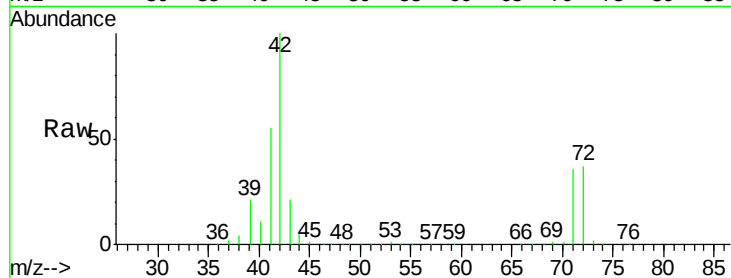
#29
Tetrahydrofuran
Concen: 94.541 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.5	45.7
71	36.0	28.6	43.0

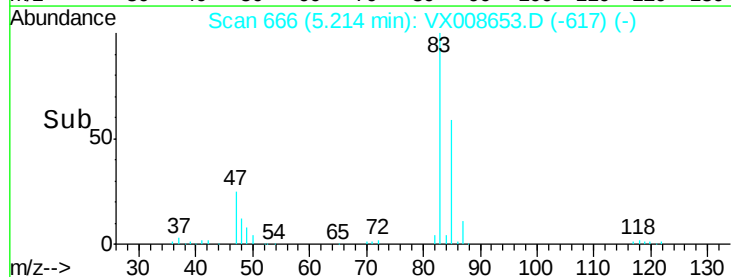
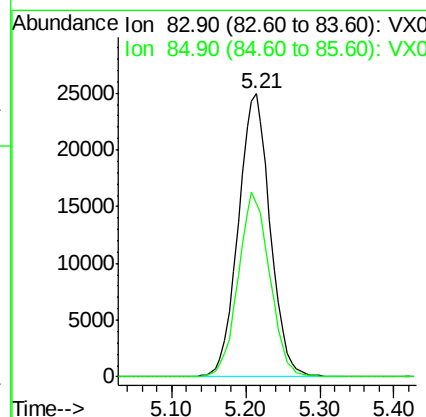
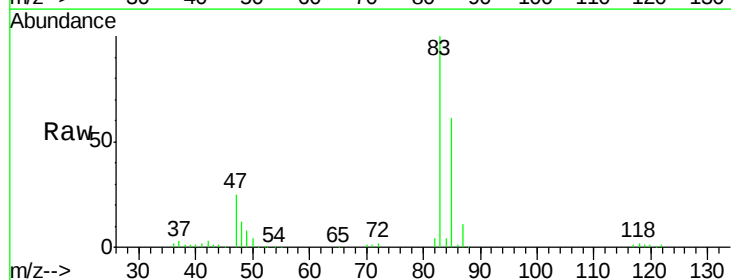
Manual Integrations
APPROVED

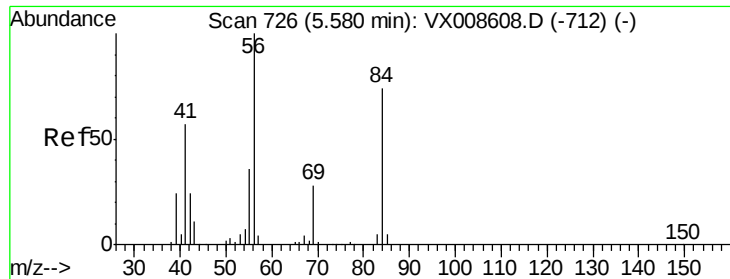
MMDadoda
4/5/2019 10:53:54 AM



#30
Chloroform
Concen: 18.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.1	78.1





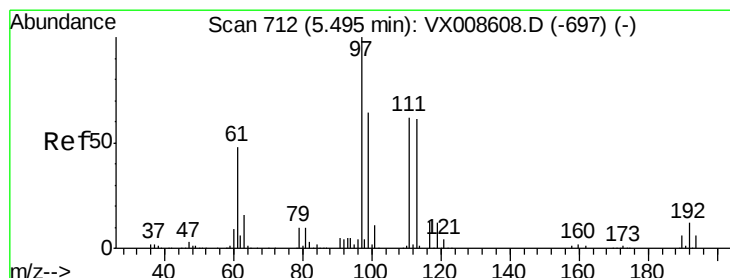
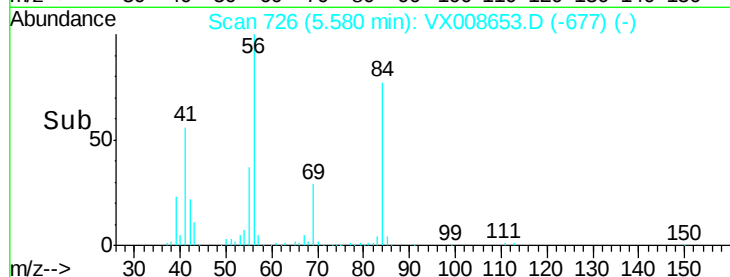
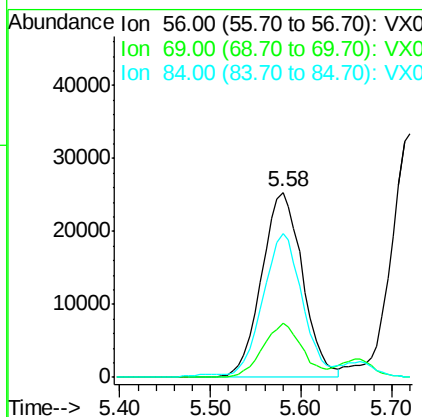
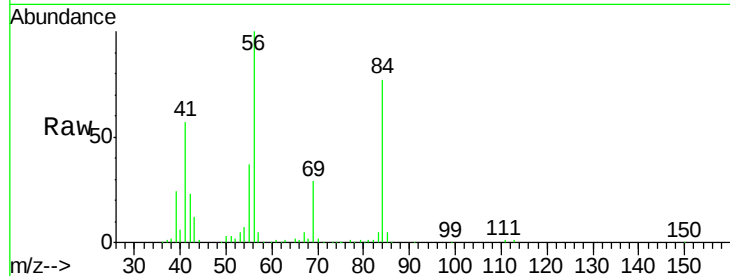
#31
Cyclohexane
Concen: 17.744 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.6	33.8
84	76.5	59.3	88.9

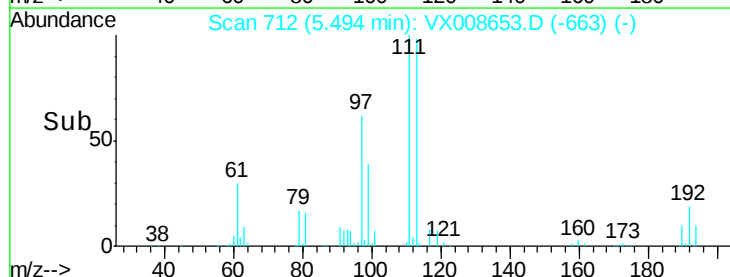
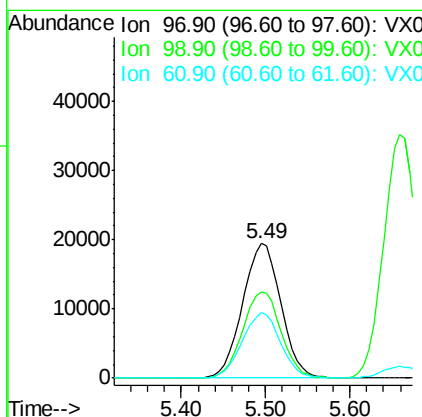
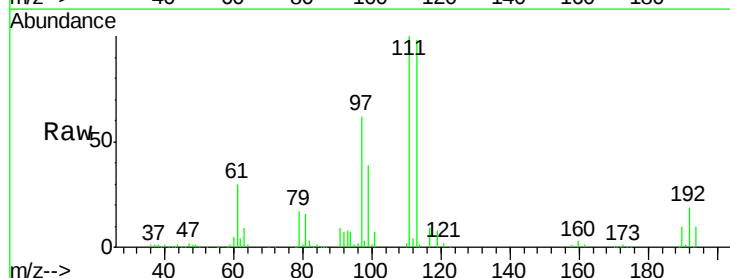
Manual Integrations
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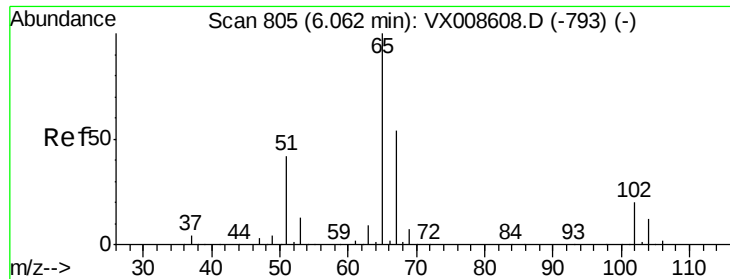
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#32
1,1,1-Trichloroethane
Concen: 18.589 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	49.1	38.9	58.3





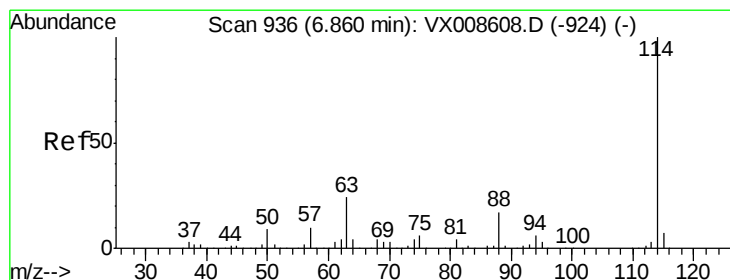
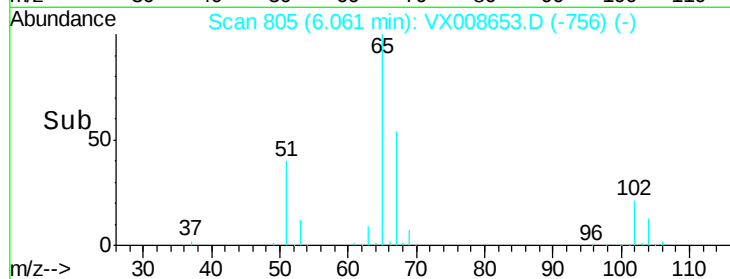
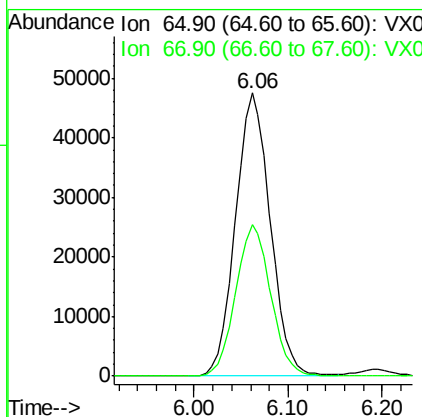
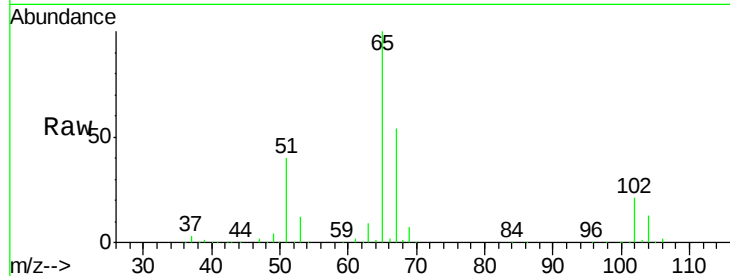
#33
 1,2-Dichloroethane-d4
 Concen: 47.348 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122117		
67	53.8	0.0	107.2	

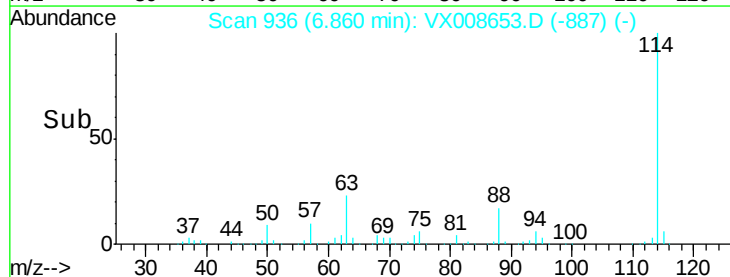
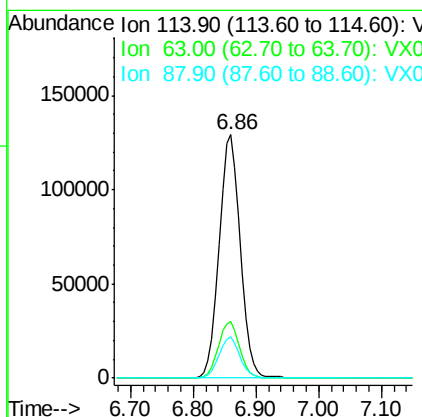
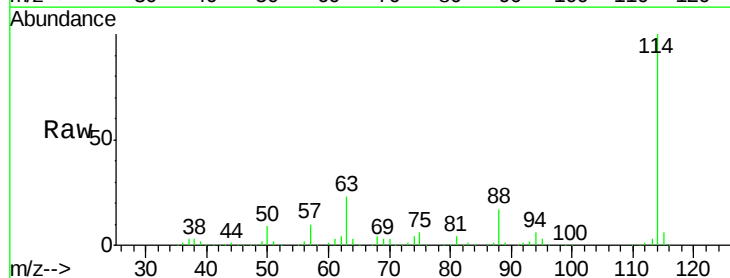
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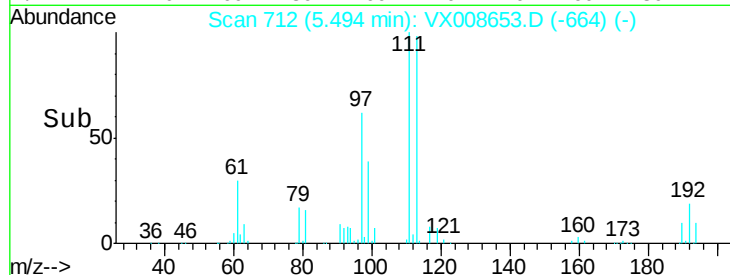
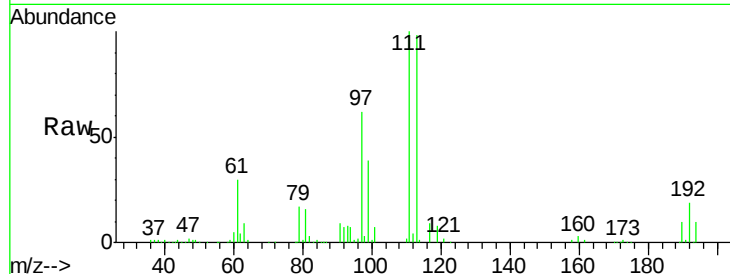
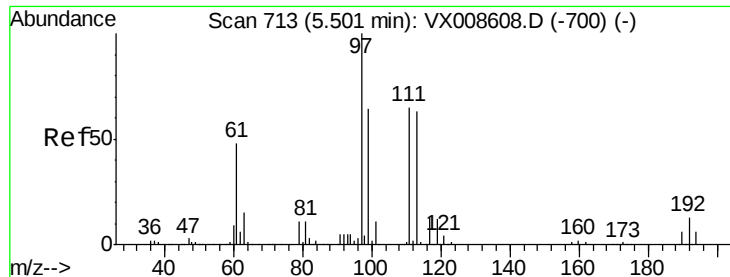
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302205		
63	23.4	0.0	47.2	
88	16.9	0.0	34.0	





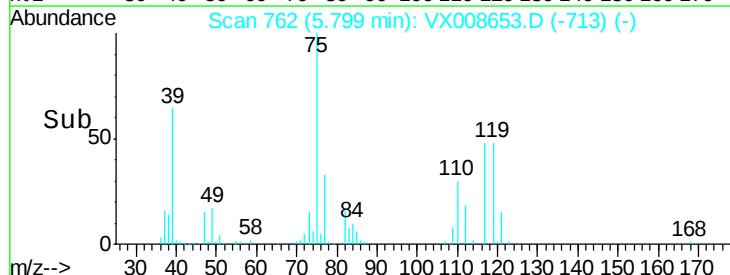
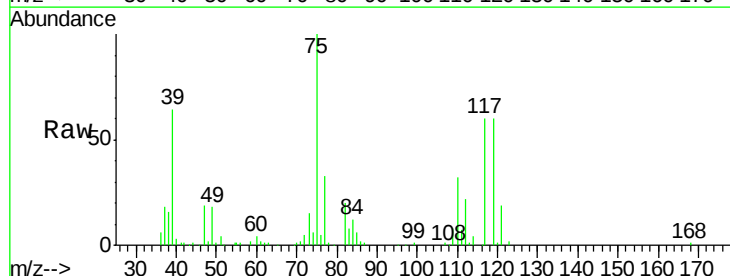
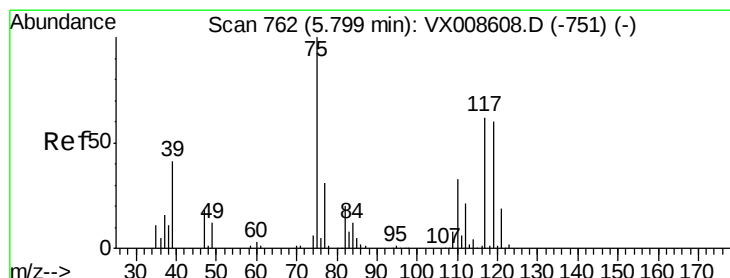
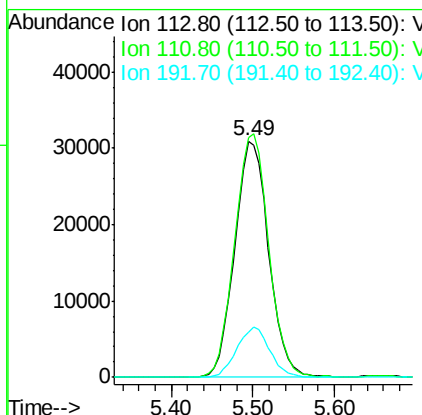
#35
Dibromofluoromethane
Concen: 46.138 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89147		
111	103.6	83.4	125.2	
192	20.7	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

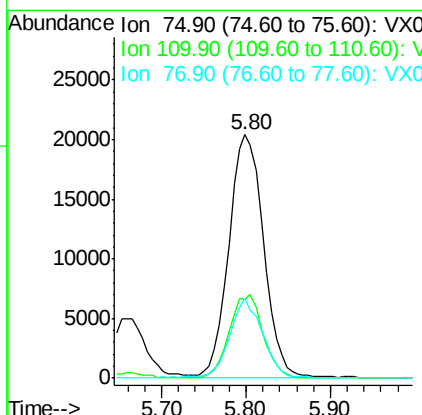
Manual Integrations
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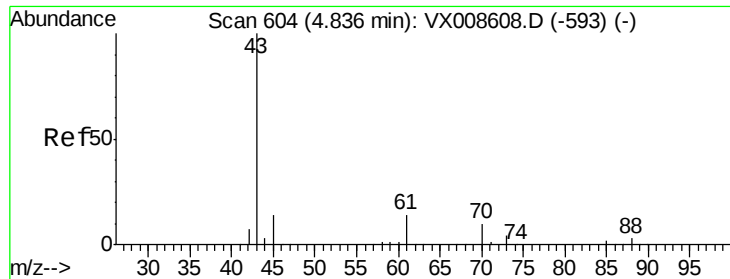
MMDadoda
4/5/2019 10:53:54 AM



#36
1,1-Dichloropropene
Concen: 17.082 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56428		
110	33.8	16.4	49.2	
77	31.2	24.7	37.1	





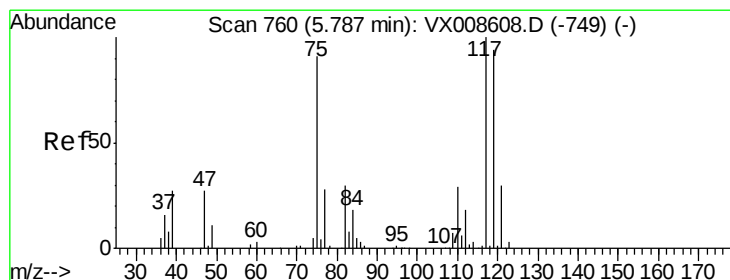
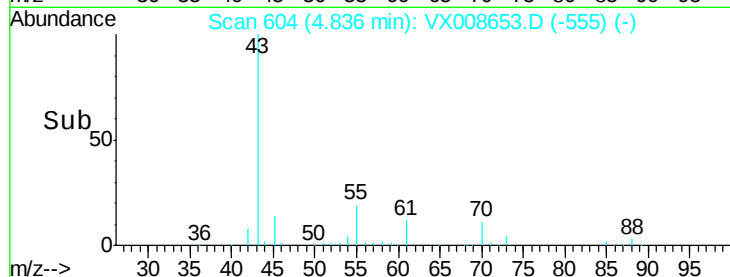
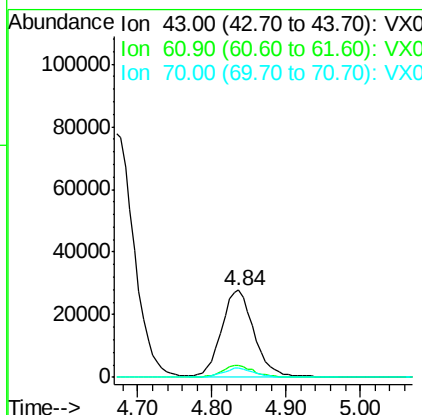
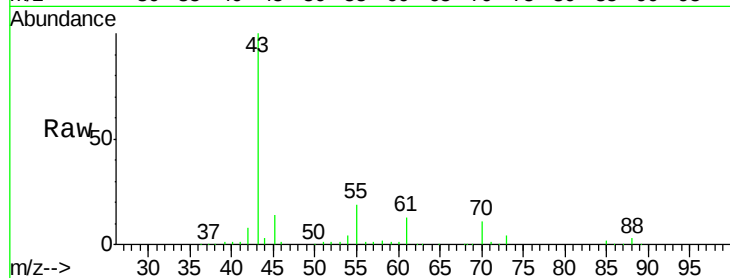
#37
Ethyl Acetate
Concen: 18.900 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.3	15.5
70	10.1	7.6	11.4

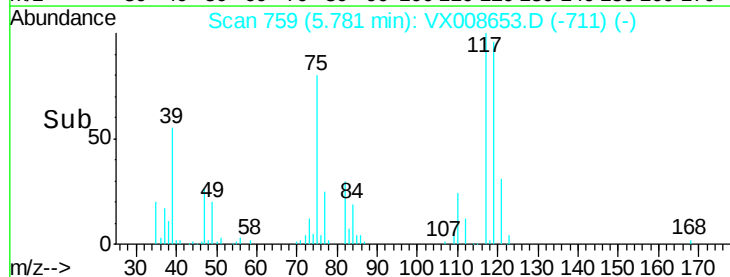
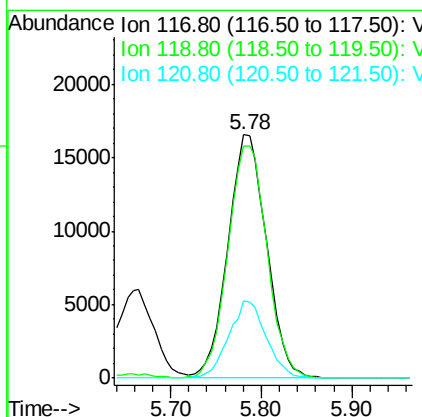
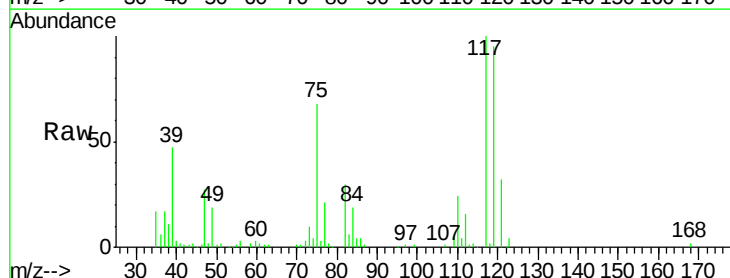
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#38
Carbon Tetrachloride
Concen: 17.894 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.0	112.6
121	31.6	24.3	36.5





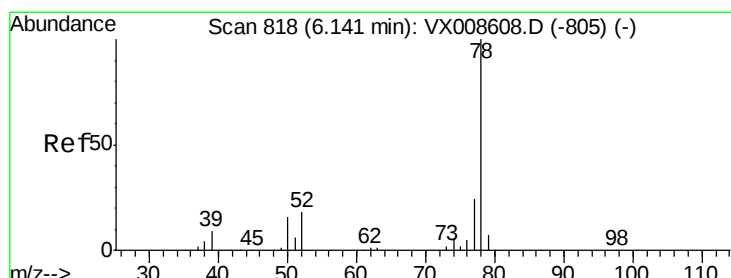
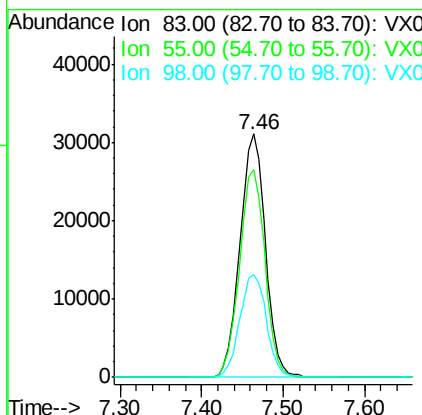
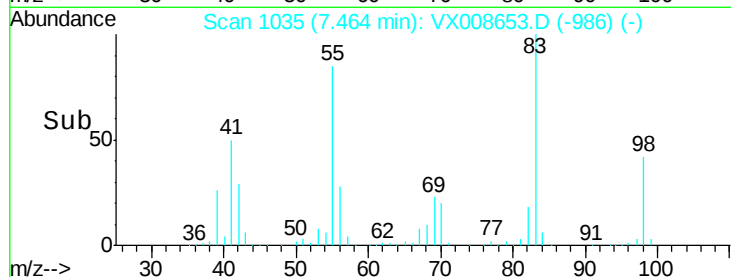
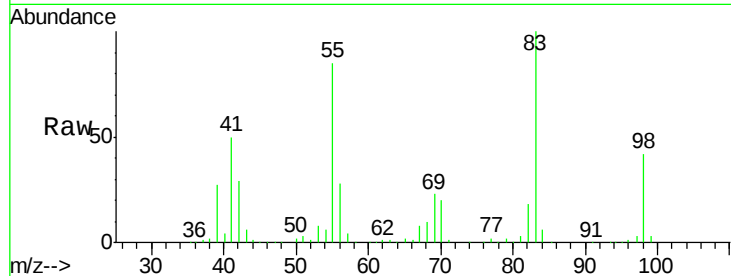
#39
Methvlcvclohexane
Concen: 16.467 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion	83.00	Resp	67197
Ion Ratio	Lower	Upper	
83	100		
55	85.4	69.0	103.6
98	42.3	34.4	51.6

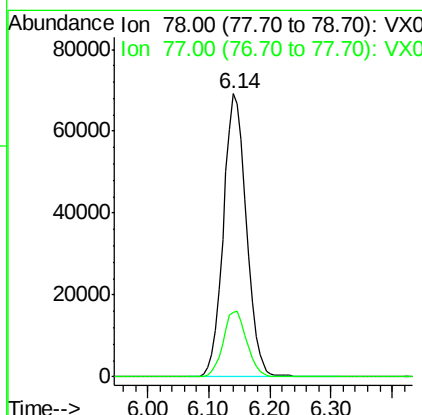
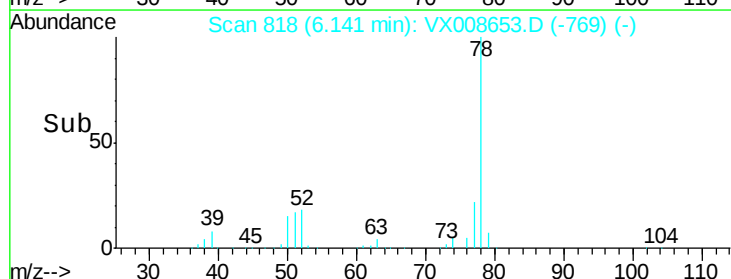
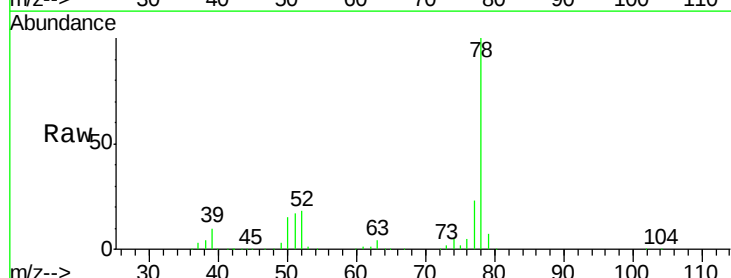
Manual Integrations
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#40
Benzene
Concen: 18.399 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	78.00	Resp	181073
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.1	28.7





#41

Methacrylonitrile

Concen: 18.005 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 41 Resp: 45634

Ion Ratio Lower Upper

41 100

39 54.6 42.1 63.1

67 65.3 51.0 76.6

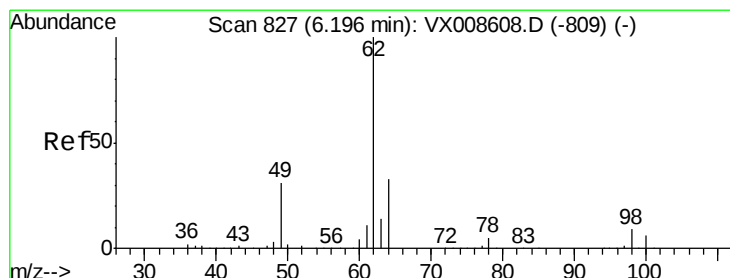
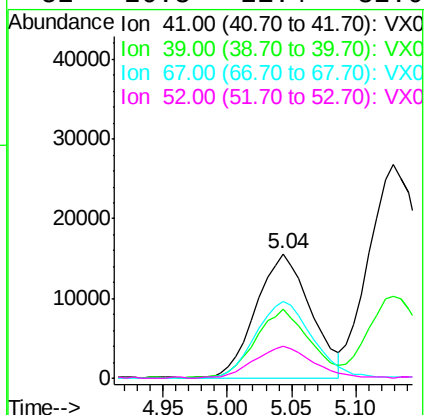
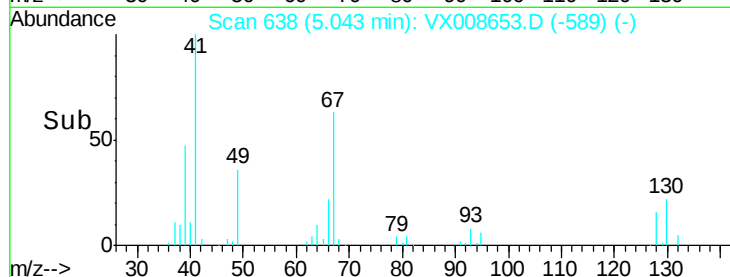
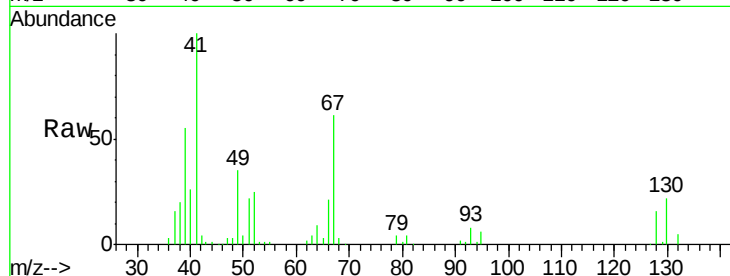
52 26.3 21.4 32.0

Manual Integrations

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MMDadoda

4/5/2019 10:53:54 AM



#42

1,2-Dichloroethane

Concen: 17.698 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008653.D

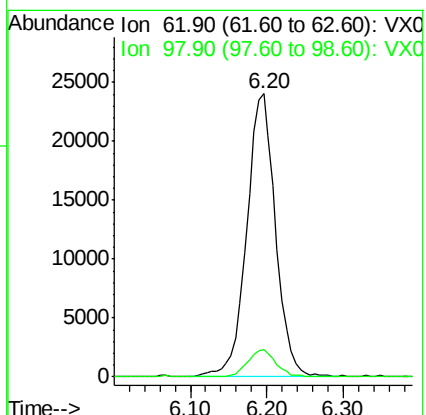
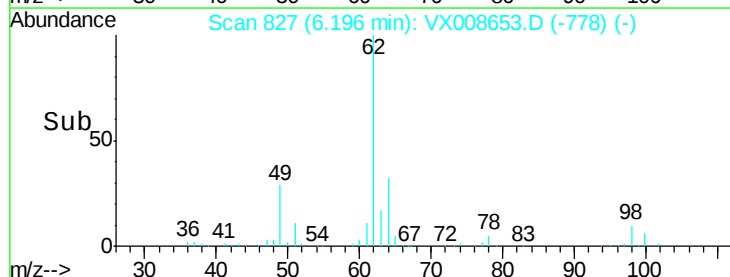
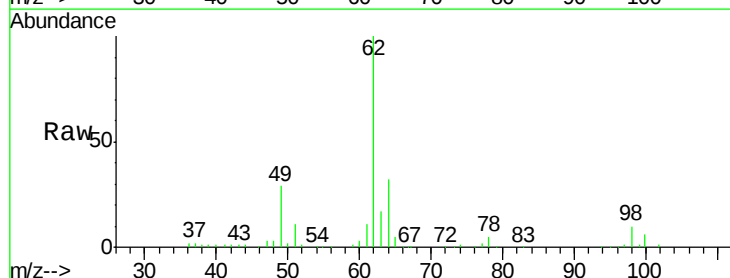
Acq: 04 Apr 2019 22:43

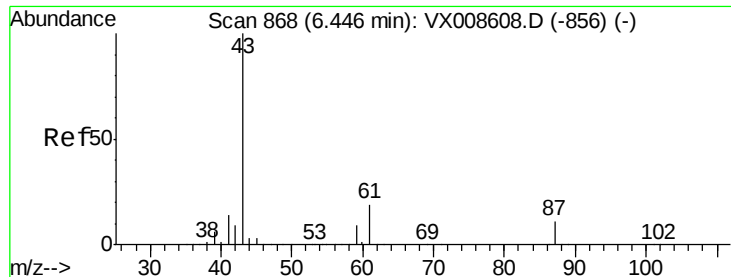
Tgt Ion: 62 Resp: 62439

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.0





#43

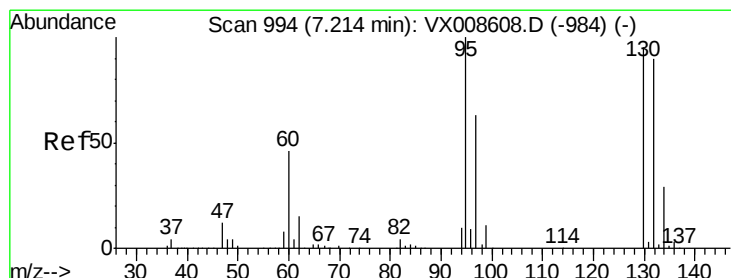
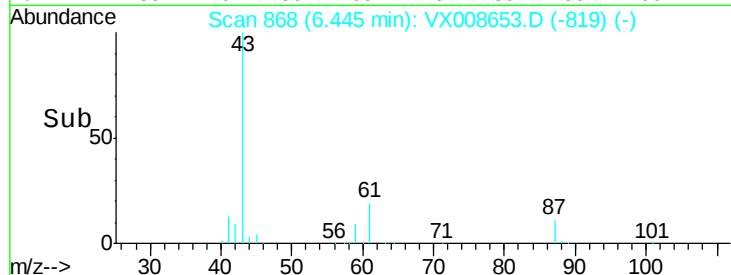
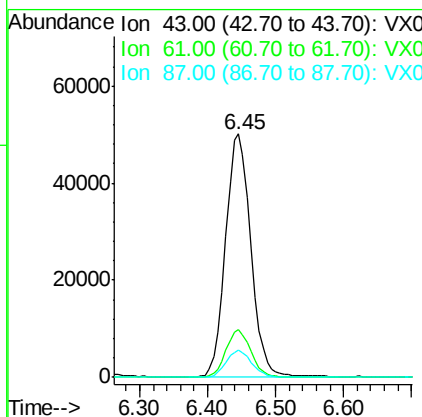
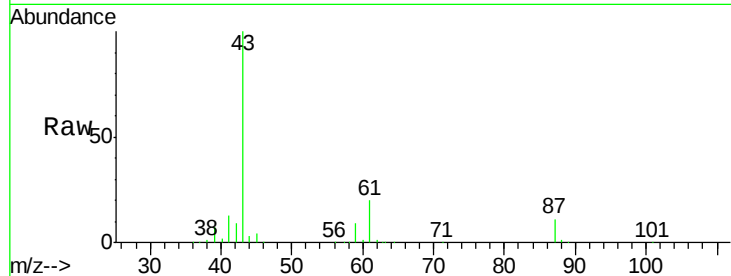
Isopropyl Acetate
 Concen: 18.614 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
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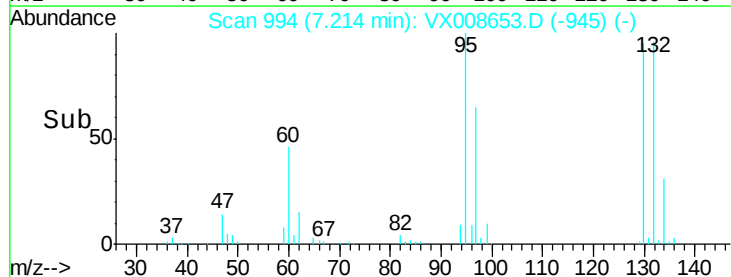
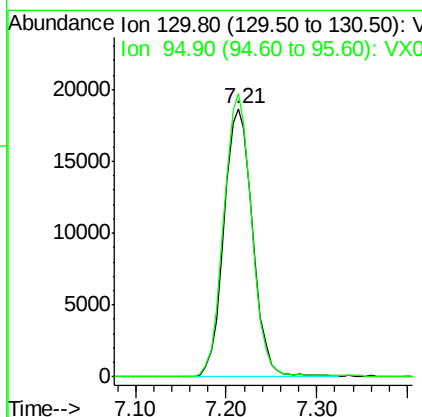
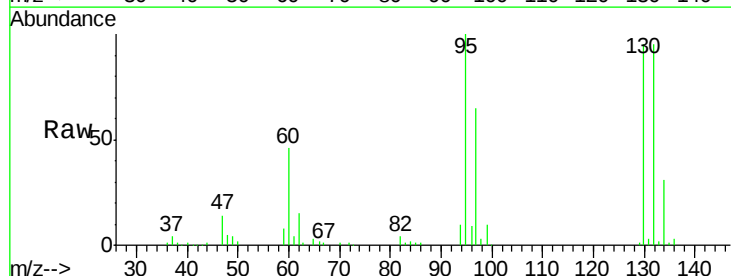
MMDadoda
 4/5/2019 10:53:54 AM

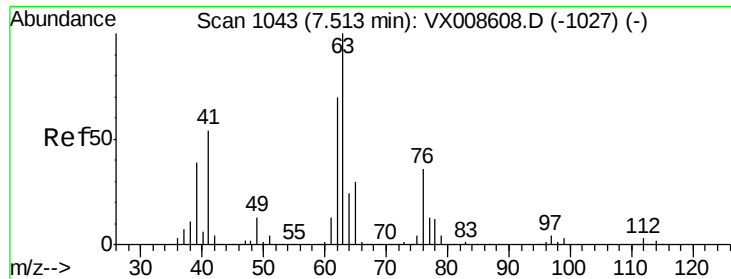


#44

Trichloroethene
 Concen: 17.875 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	209.8





#45

1,2-Dichloropropane

Concen: 18.183 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 63 Resp: 51074

Ion Ratio Lower Upper

63 100

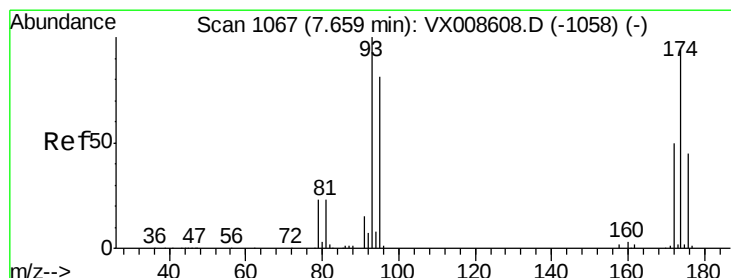
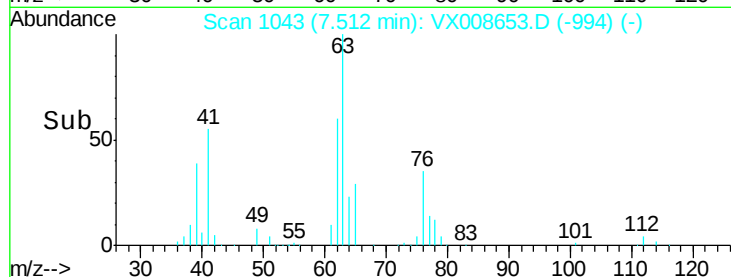
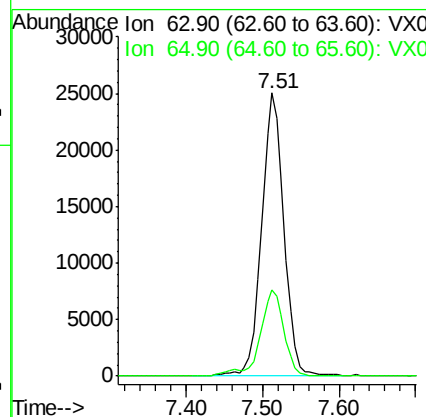
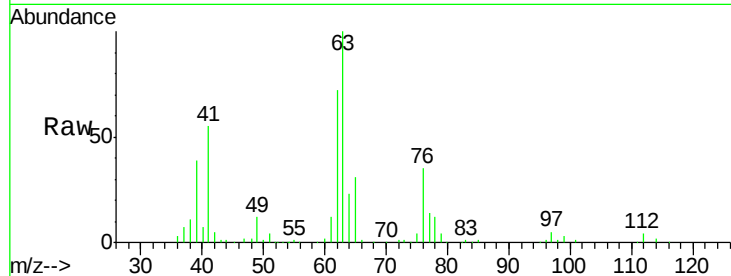
65 30.6 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 17.621 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

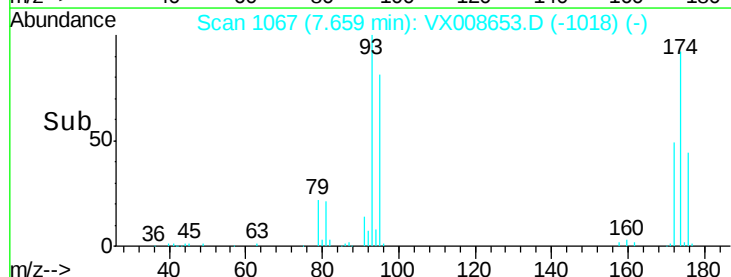
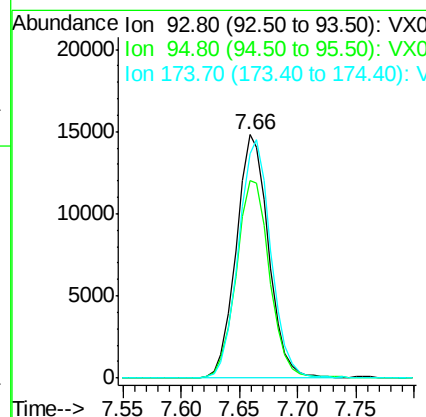
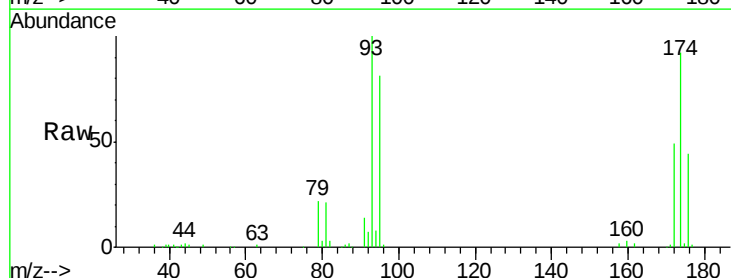
Tgt Ion: 93 Resp: 28707

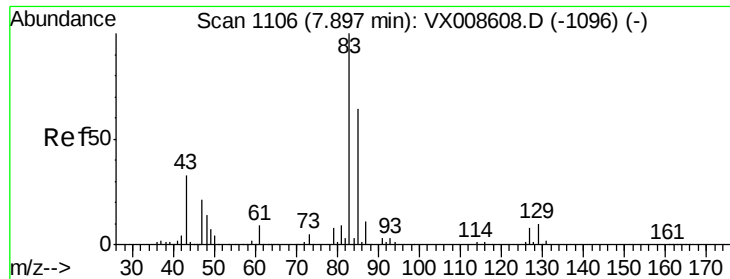
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 98.2 77.7 116.5





#47

Bromodichloromethane

Concen: 18.224 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

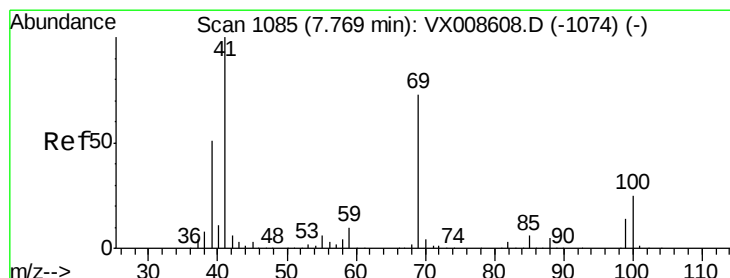
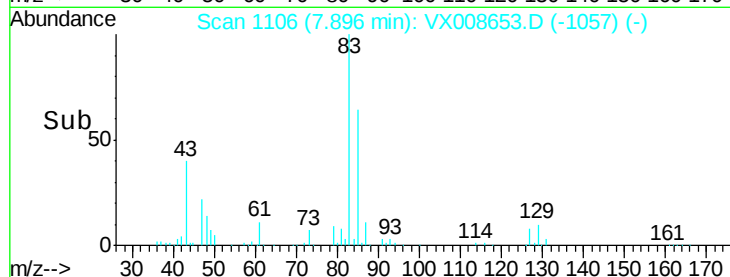
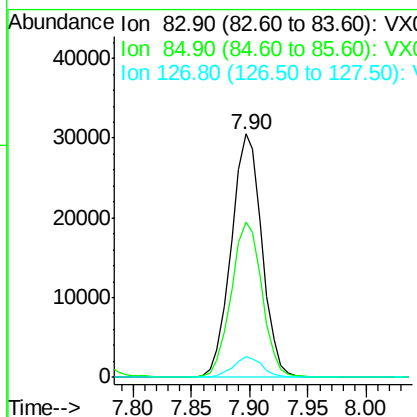
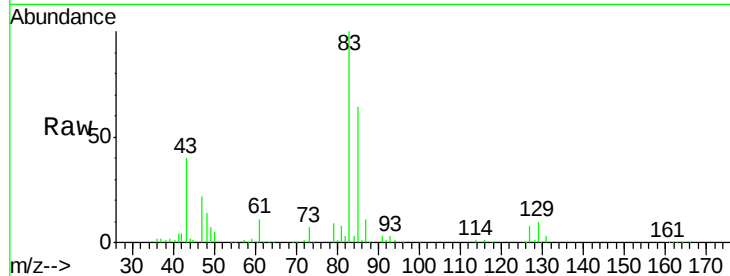
ClientSampleId :

VX0404WBS02

Tot Ion:	83	Resp:	55980
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.632 ug/l

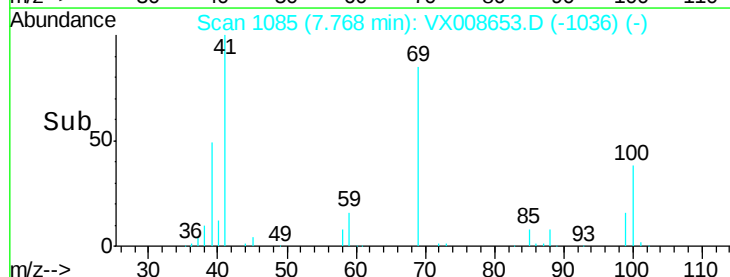
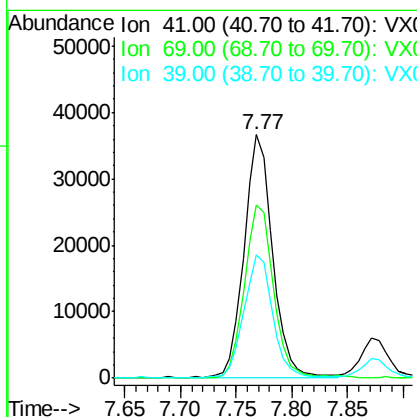
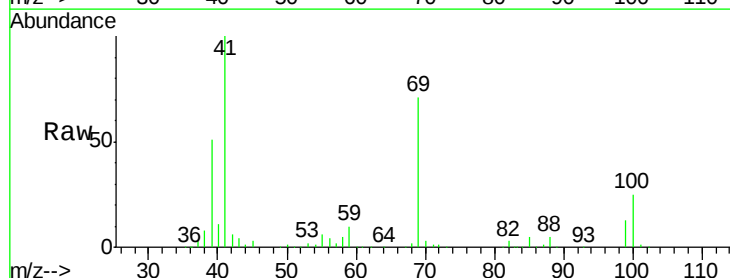
RT: 7.77 min Scan# 1085

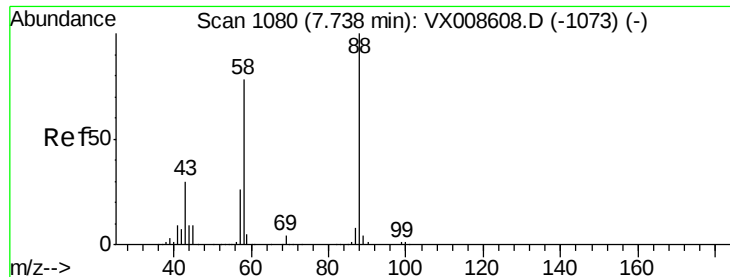
Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion:	41	Resp:	65102
Ion Ratio	Lower	Upper	
41	100		
69	73.4	59.0	88.4
39	51.7	41.0	61.4





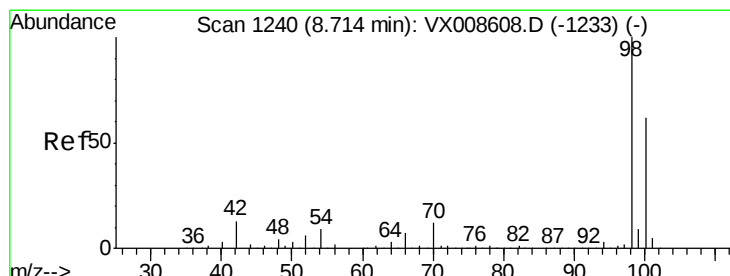
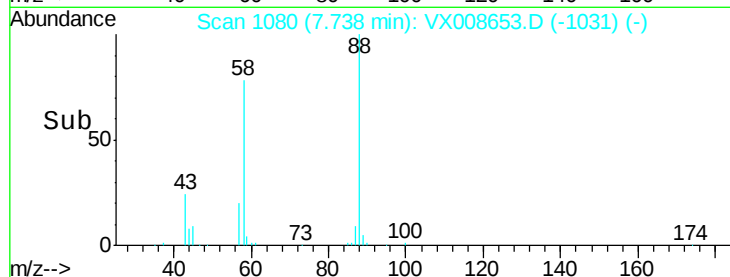
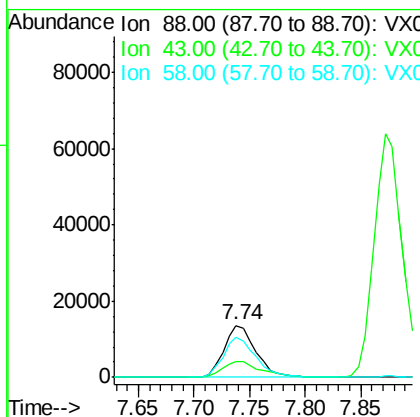
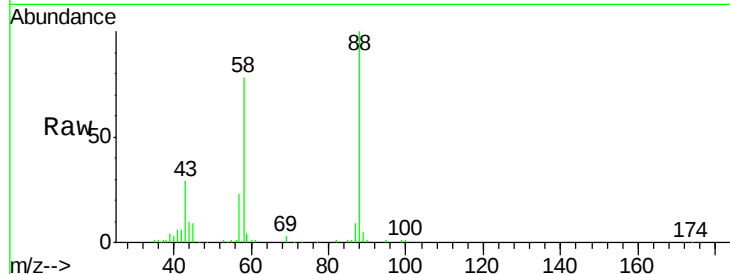
#49
1,4-Dioxane
Concen: 410.675 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.6	43.0
58	80.0	62.2	93.2

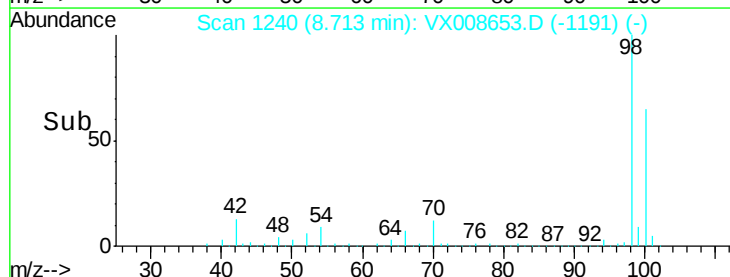
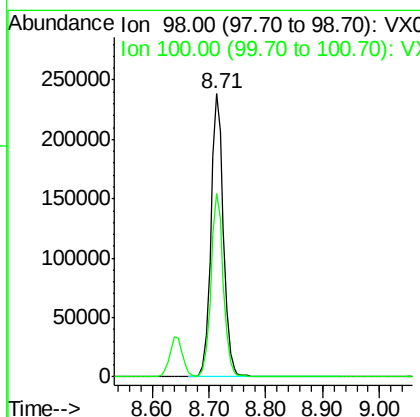
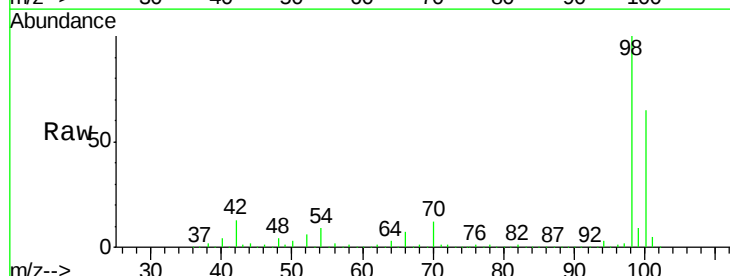
Manual Integrations
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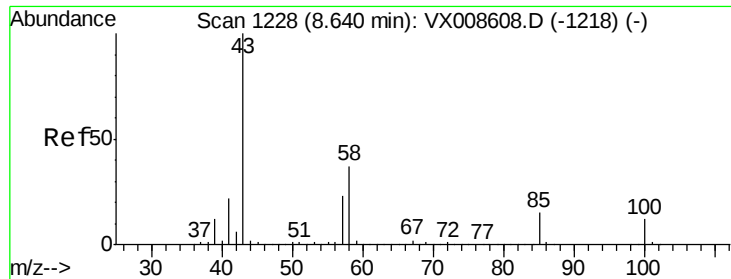
MMDadoda
4/5/2019 10:53:54 AM



#50
Toluene-d8
Concen: 47.514 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 96.827 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 43 Resp: 430537

Ion Ratio Lower Upper

43 100

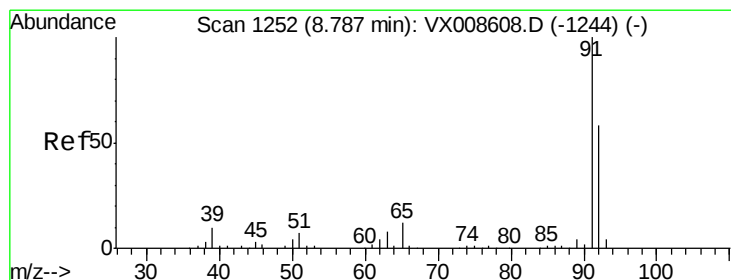
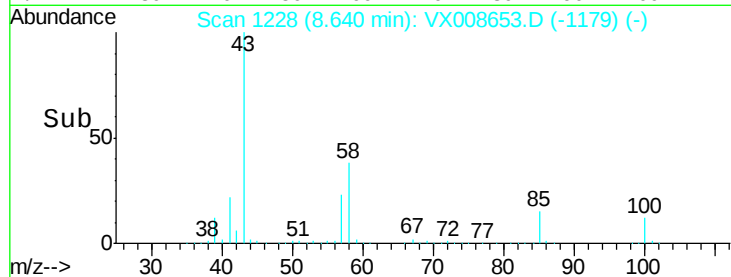
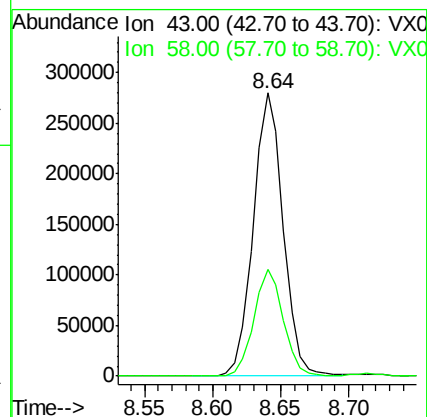
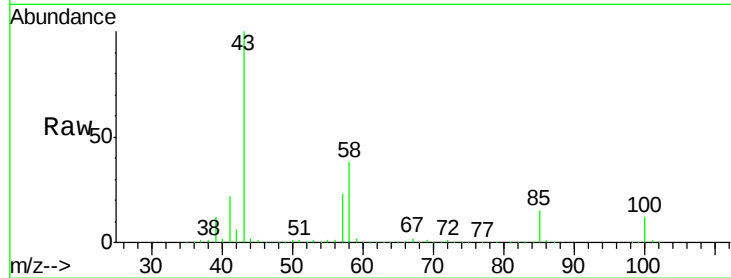
58 37.3 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 18.541 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008653.D

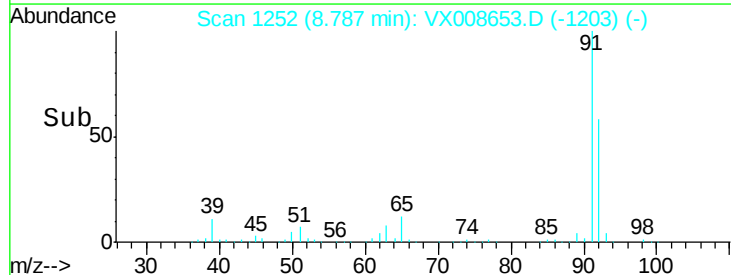
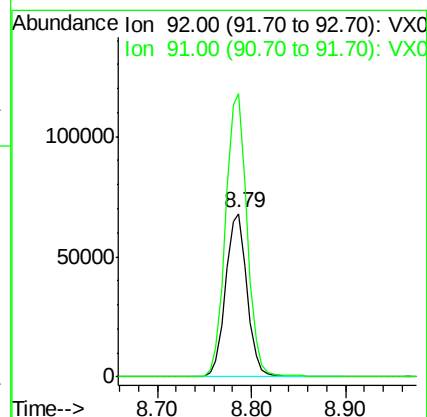
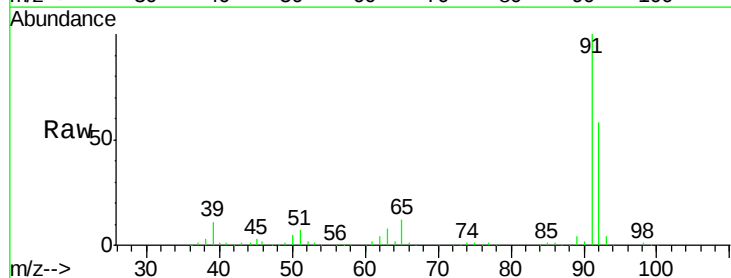
Acq: 04 Apr 2019 22:43

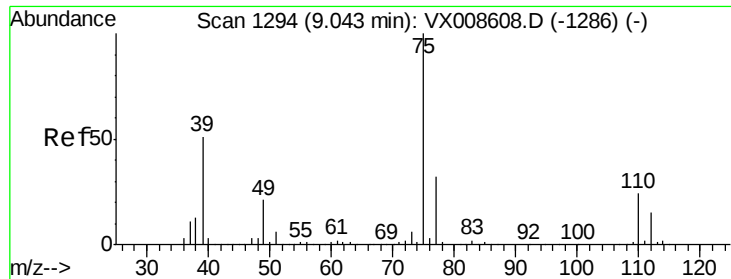
Tgt Ion: 92 Resp: 107574

Ion Ratio Lower Upper

92 100

91 173.6 138.5 207.7





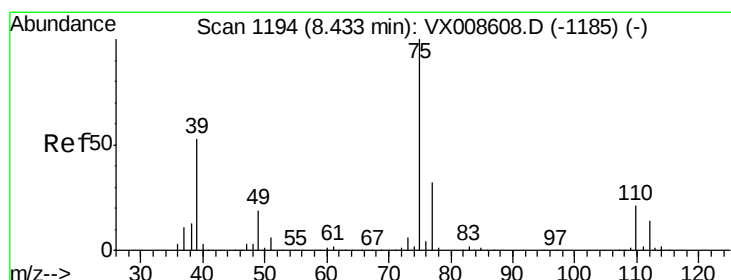
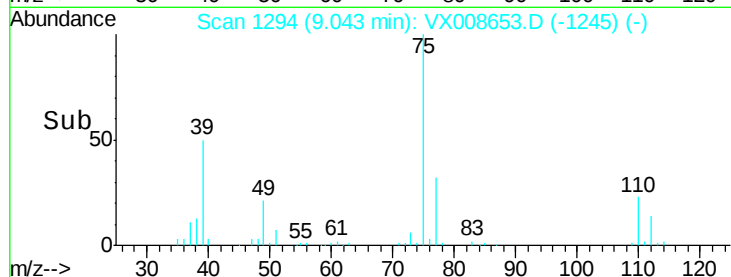
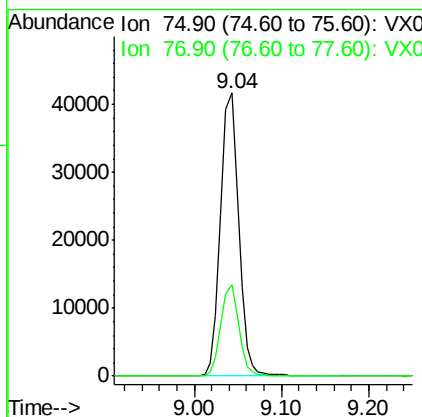
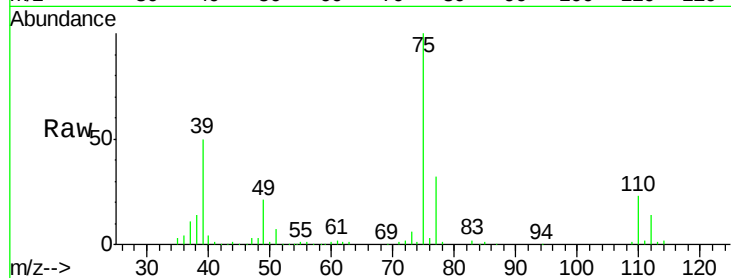
#53
t-1,3-Dichloropropene
Concen: 17.551 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion: 75 Resp: 60390
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

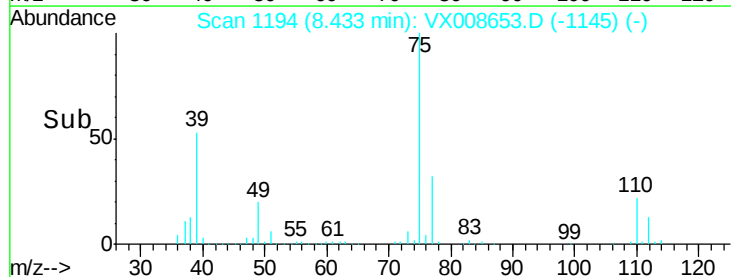
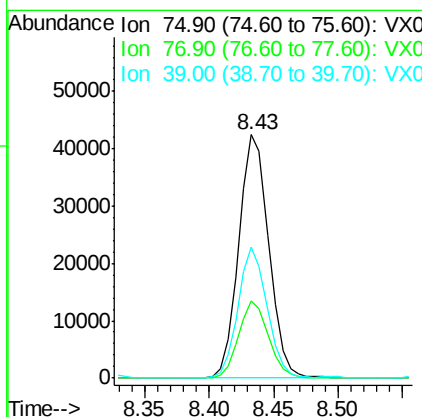
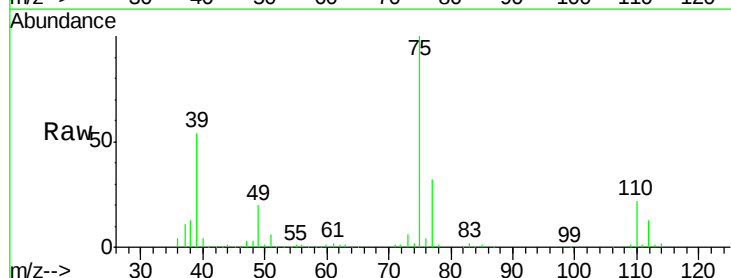
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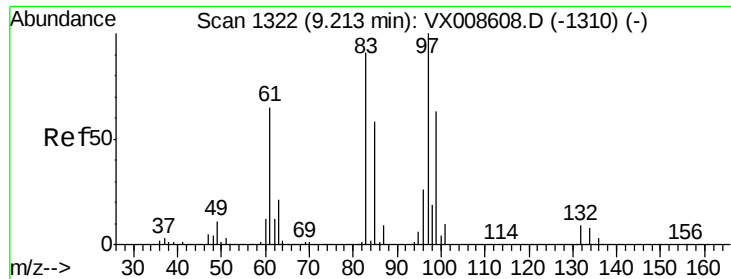
MMDadoda
4/5/2019 10:53:54 AM



#54
cis-1,3-Dichloropropene
Concen: 17.444 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 75 Resp: 68584
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 53.5 42.6 63.8





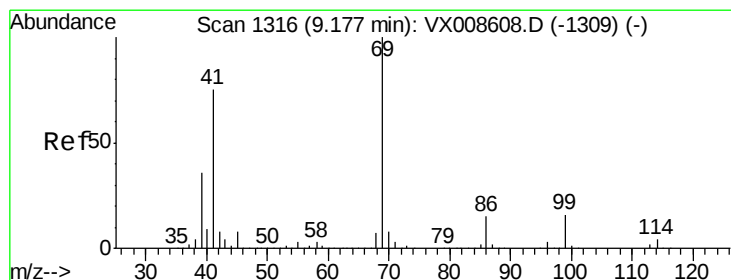
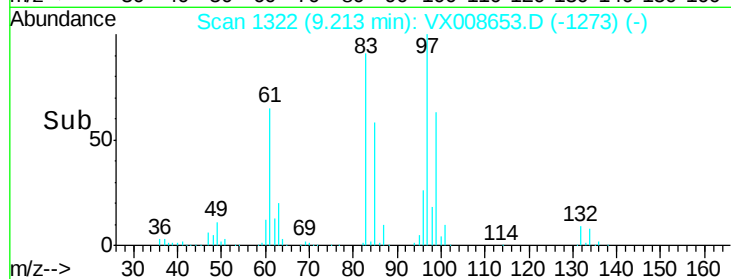
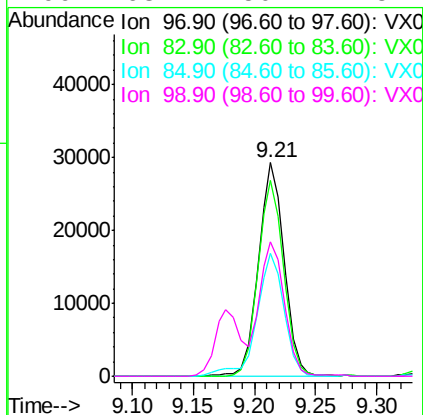
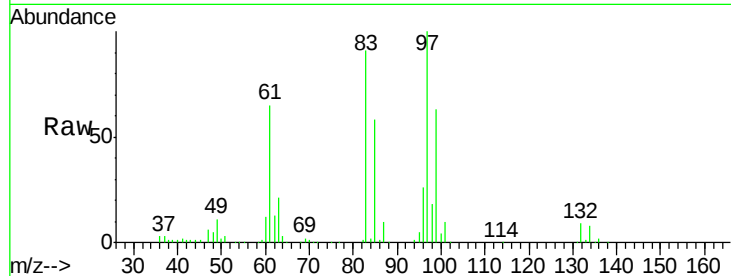
#55
 1,1,2-Trichloroethane
 Concen: 18.477 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS02

Tot Ion:	97	Resp:	43032
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.2	109.8
85	57.8	46.6	69.8
99	63.2	50.1	75.1

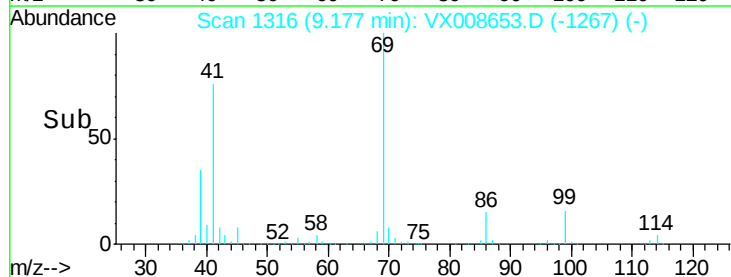
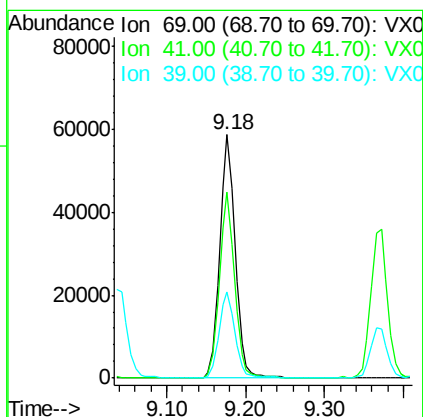
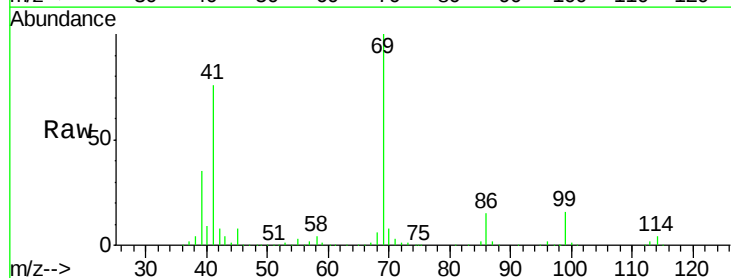
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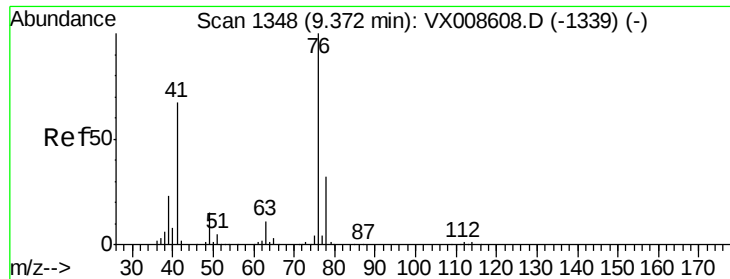
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 4/5/2019 10:53:54 AM



#56
 Ethyl methacrylate
 Concen: 19.261 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:	69	Resp:	81161
Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.1	90.1
39	35.9	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.470 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 76 Resp: 77243

Ion Ratio Lower Upper

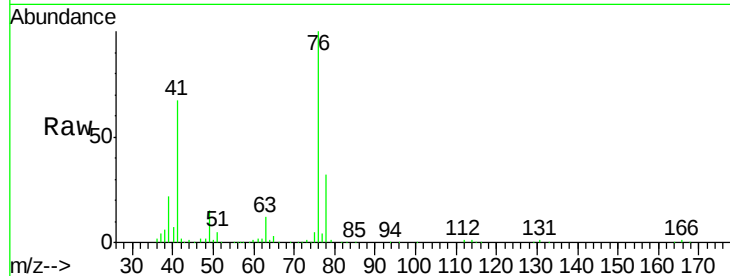
76 100

78 32.4 25.6 38.4

Manual Integrations
APPROVED

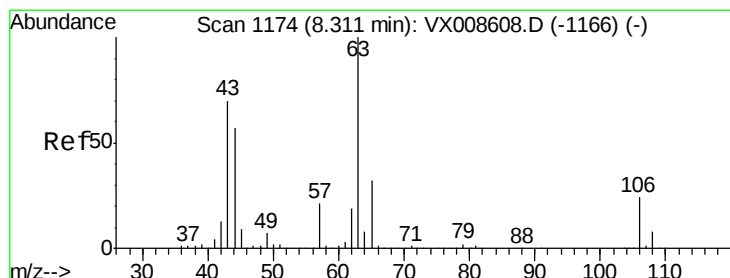
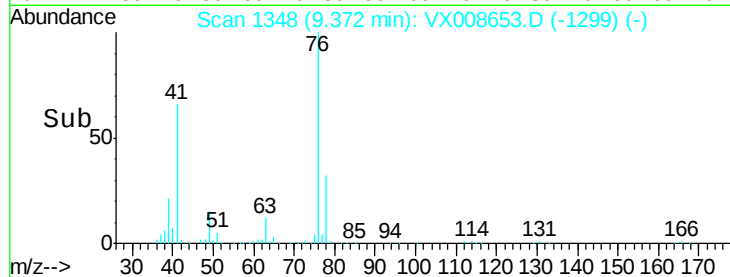
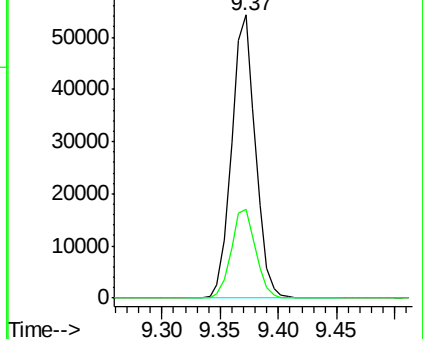
MMDadoda

4/5/2019 10:53:54 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.586 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008653.D

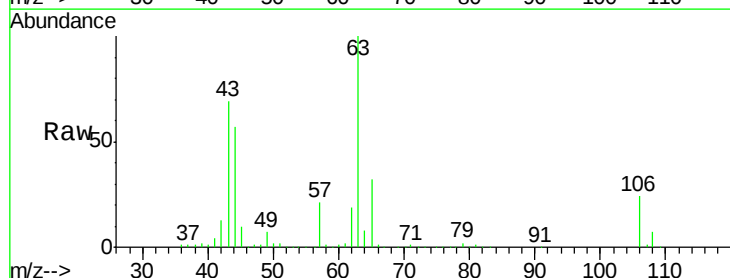
Acq: 04 Apr 2019 22:43

Tgt Ion: 63 Resp: 207819

Ion Ratio Lower Upper

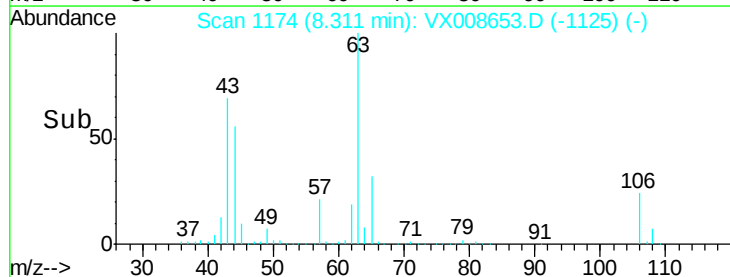
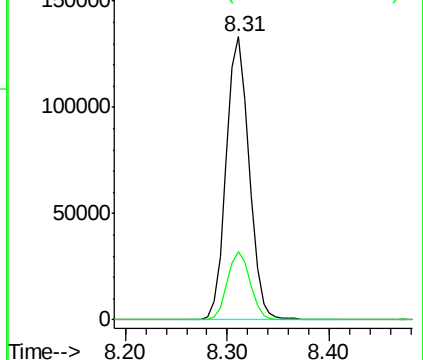
63 100

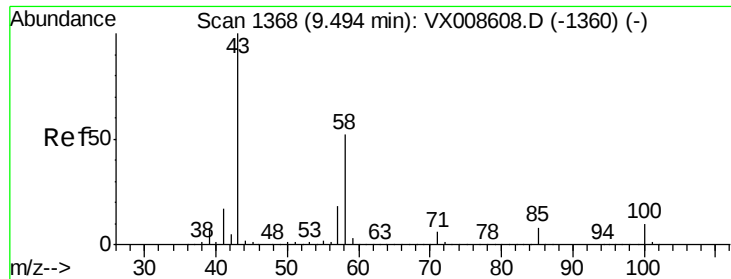
106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





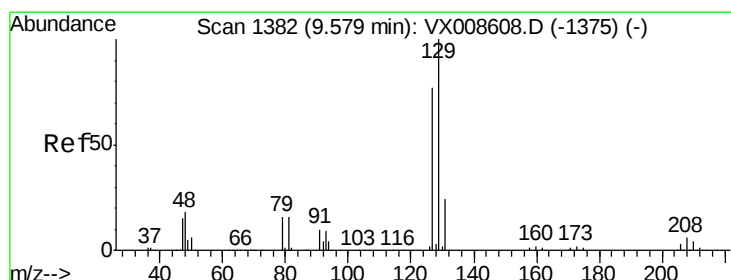
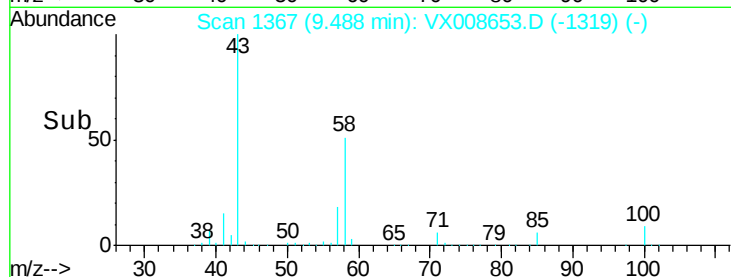
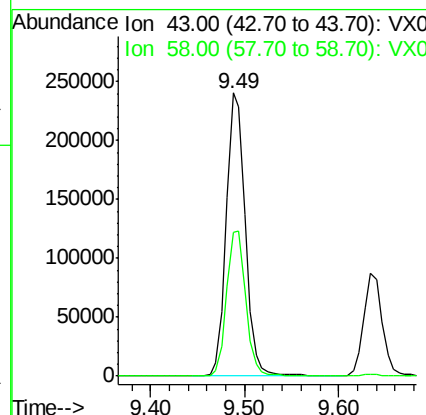
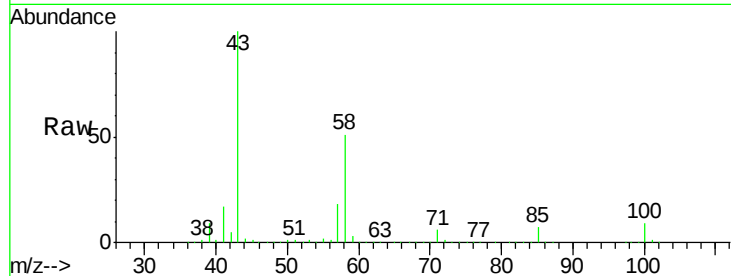
#59
2-Hexanone
Concen: 97.308 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion: 43 Resp: 336253
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7

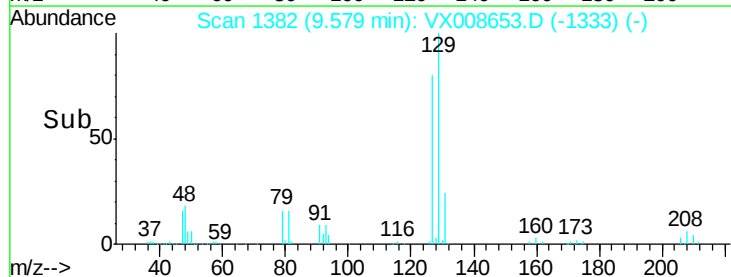
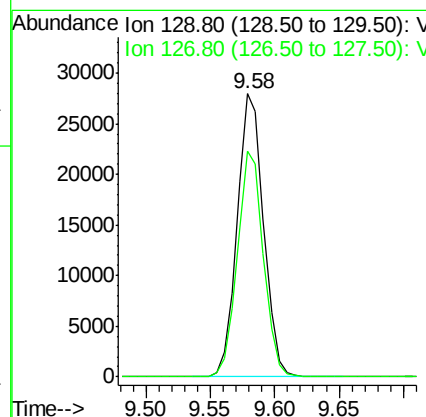
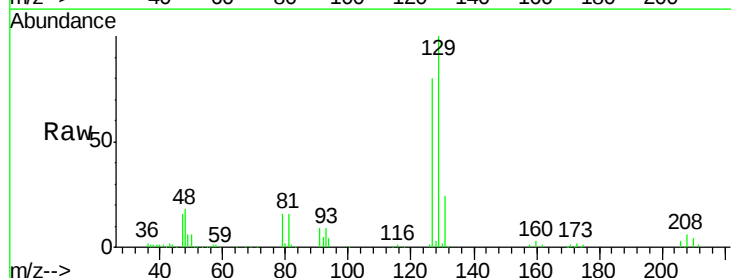
Manual Integrations
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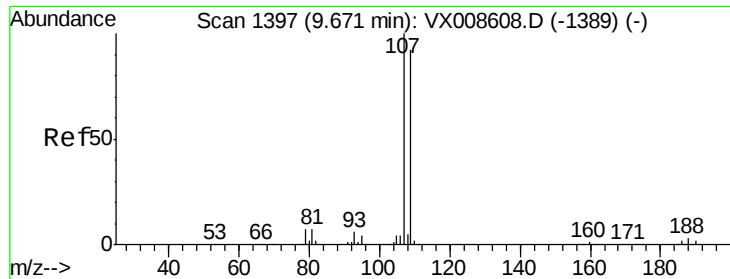
MMDadoda
4/5/2019 10:53:54 AM



#60
Dibromochloromethane
Concen: 18.155 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 129 Resp: 39844
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.346 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion:107 Resp: 44480

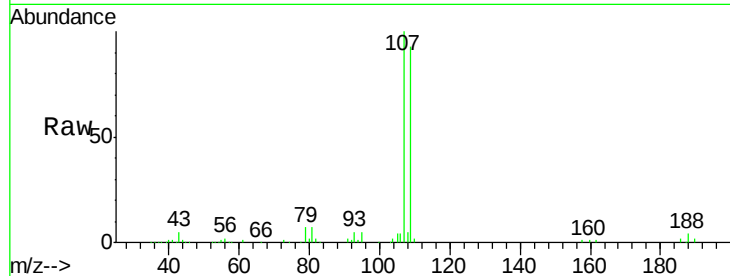
Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1

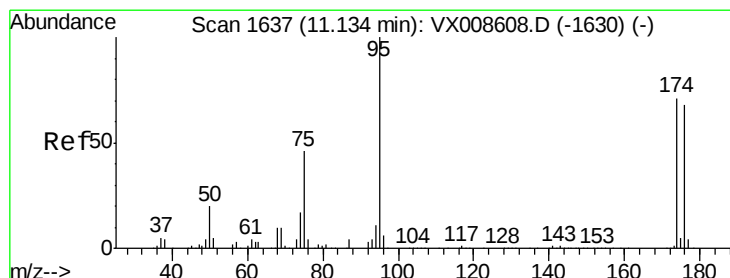
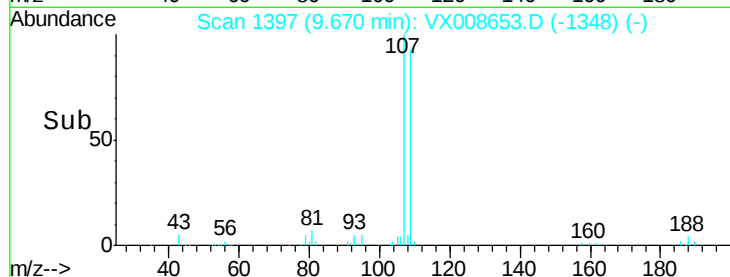
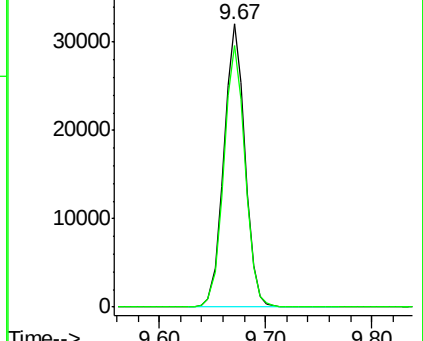
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.071 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

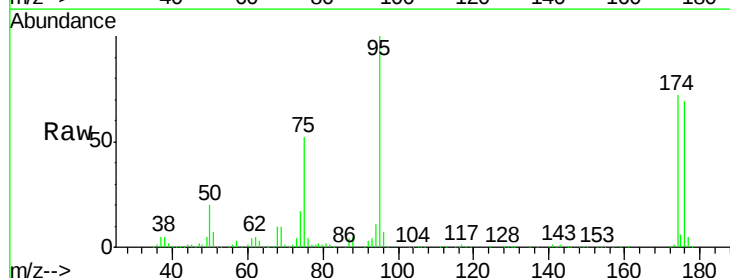
Tgt Ion: 95 Resp: 131147

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

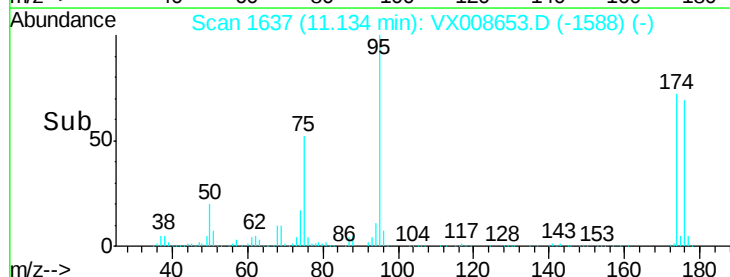
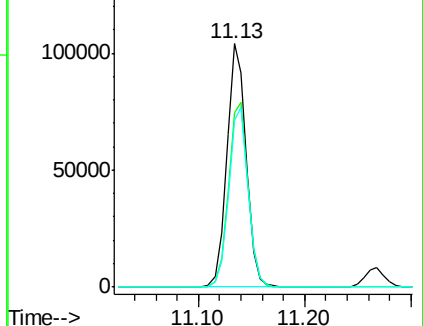
176 74.7 0.0 145.8

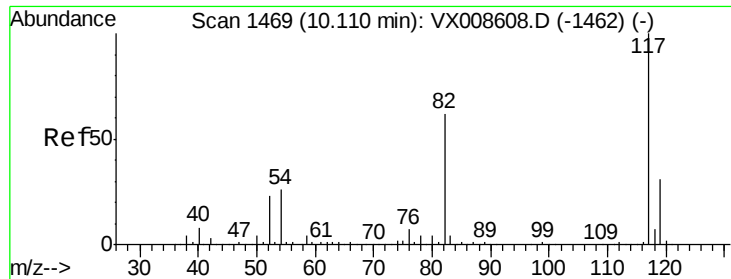


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





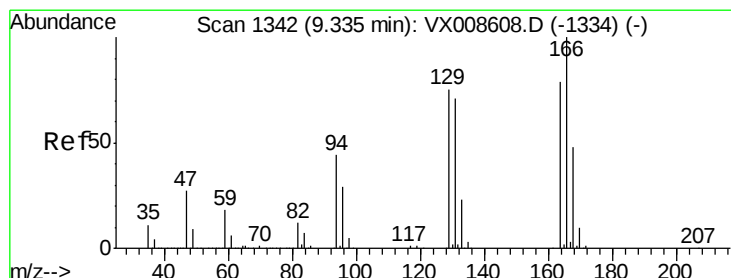
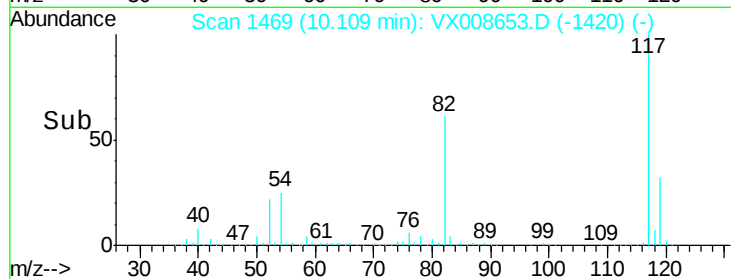
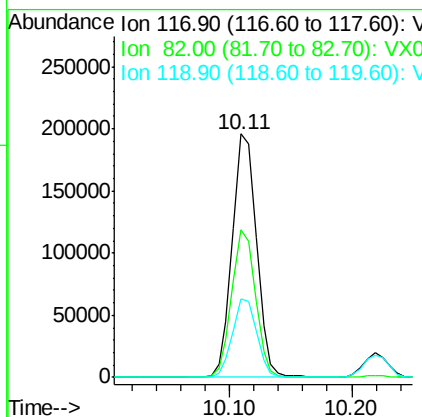
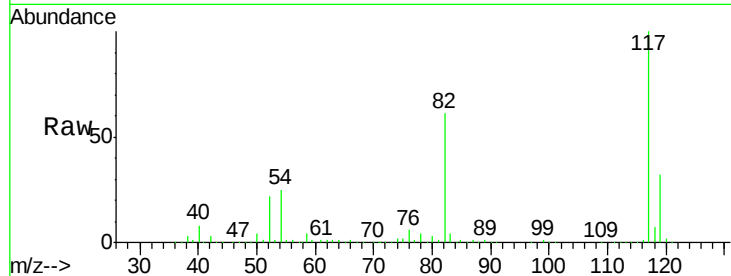
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.6	74.4
119	32.4	25.0	37.4

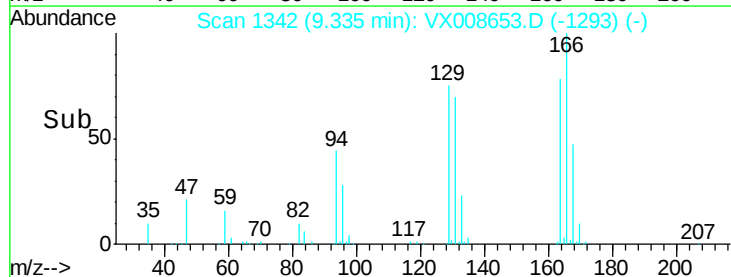
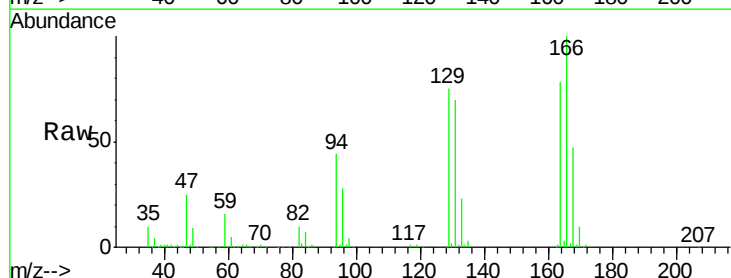
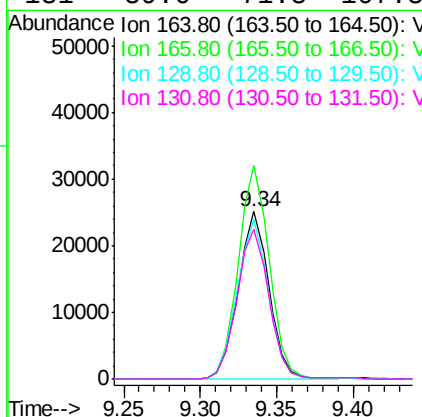
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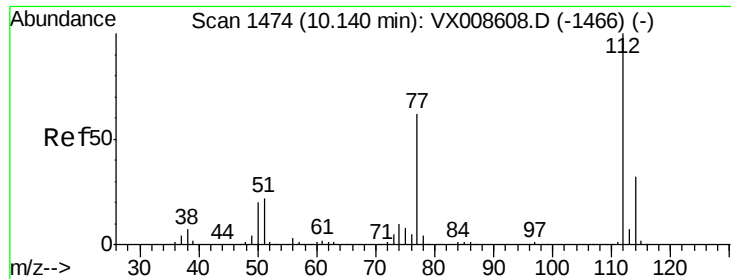
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4/5/2019 10:53:54 AM



#64
Tetrachloroethene
Concen: 17.707 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.0	151.6
129	95.4	75.8	113.8
131	89.6	71.8	107.8





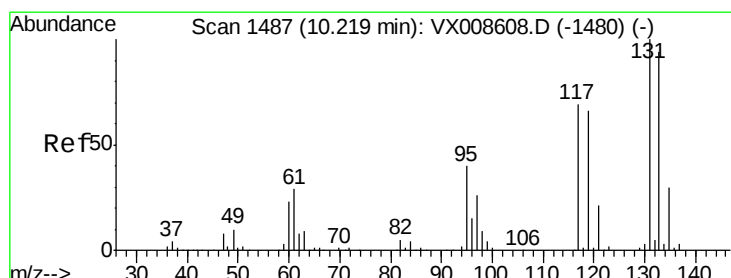
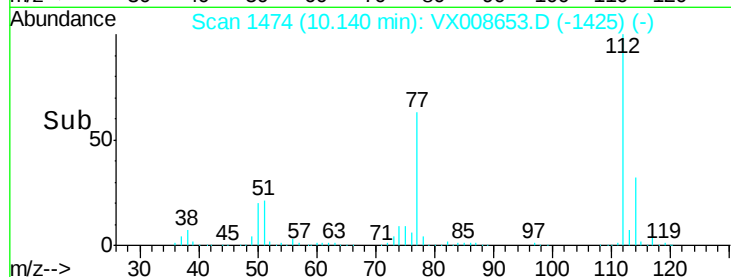
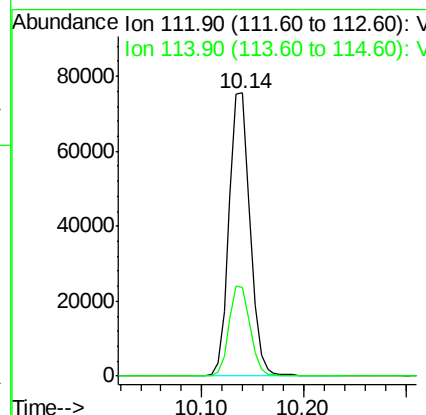
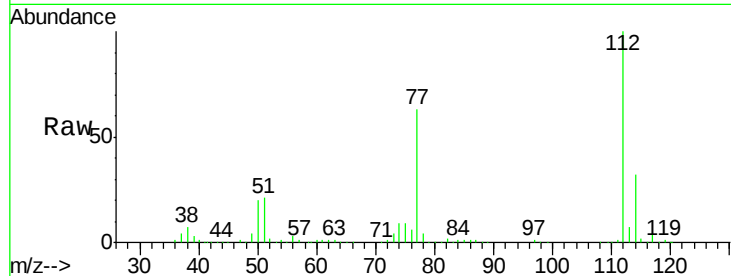
#65
Chlorobenzene
Concen: 18.135 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion:112 Resp: 107897
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

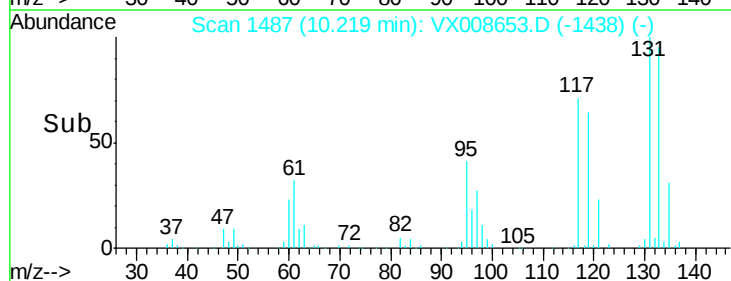
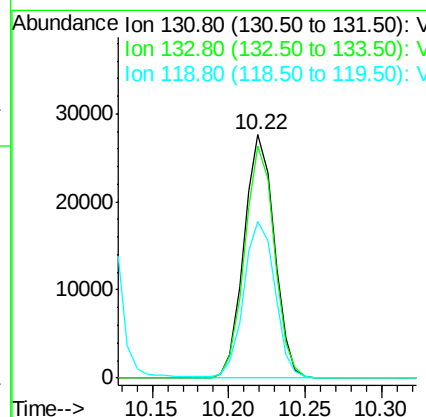
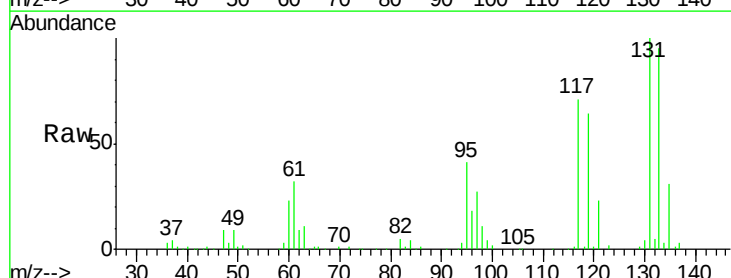
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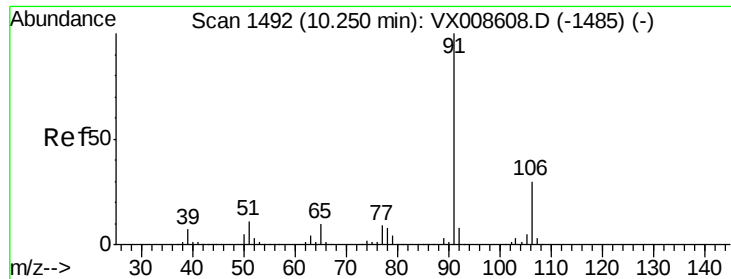
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4/5/2019 10:53:54 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.206 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion:131 Resp: 38000
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.2
119 66.5 33.7 101.0





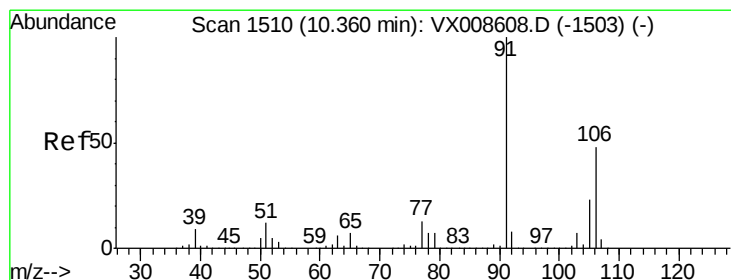
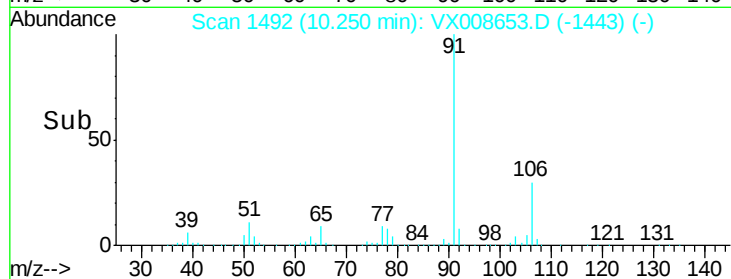
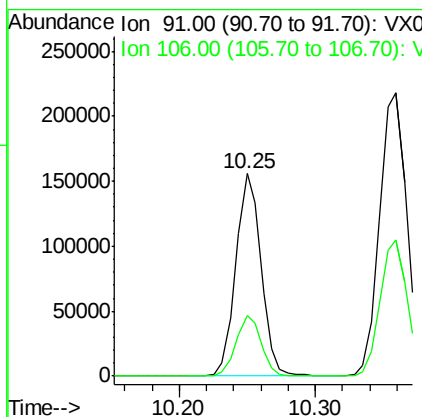
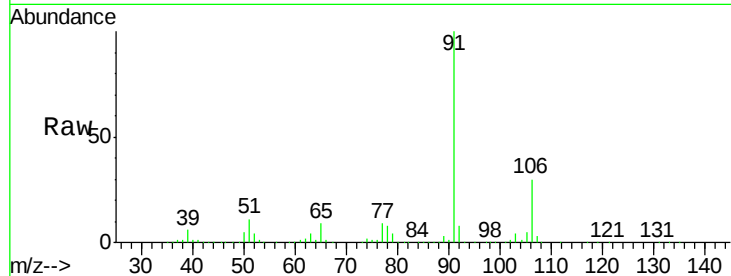
#67
Ethyl Benzene
Concen: 18.221 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion: 91 Resp: 202149
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5

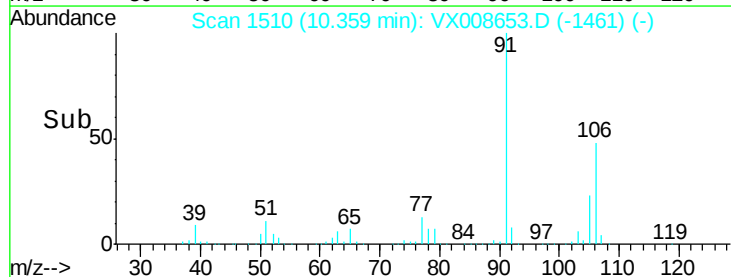
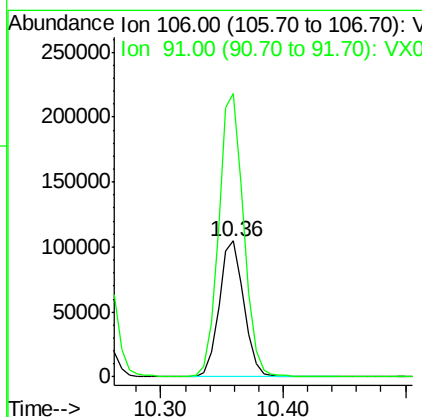
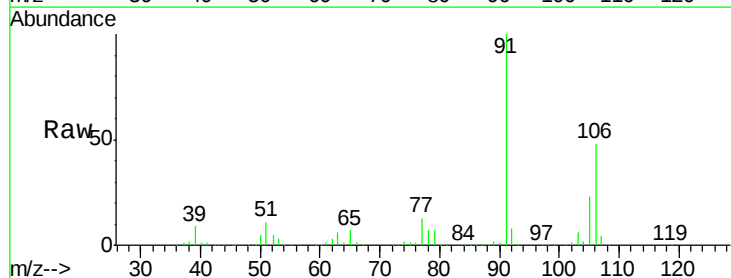
Manual Integrations
APPROVED

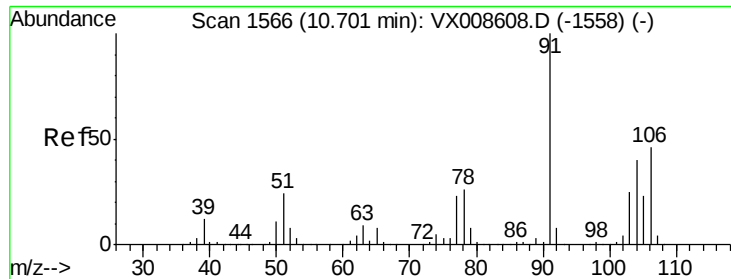
MMDadoda
4/5/2019 10:53:54 AM



#68
m/p-Xylenes
Concen: 36.705 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion: 106 Resp: 146415
Ion Ratio Lower Upper
106 100
91 210.2 168.5 252.7





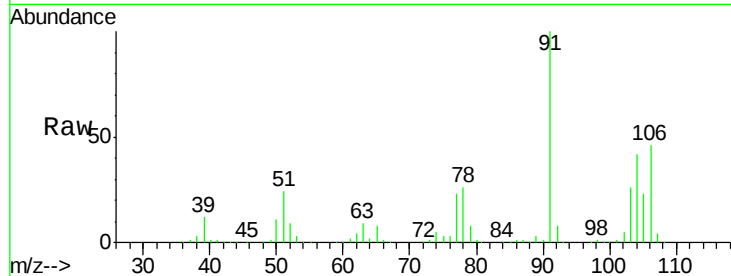
#69
o-Xylene
Concen: 18.674 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

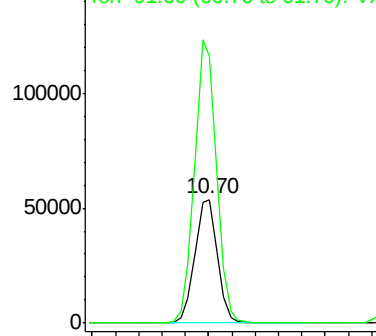
Tot Ion:106 Resp: 72189
Ion Ratio Lower Upper
106 100
91 222.3 111.5 334.4

Manual Integrations
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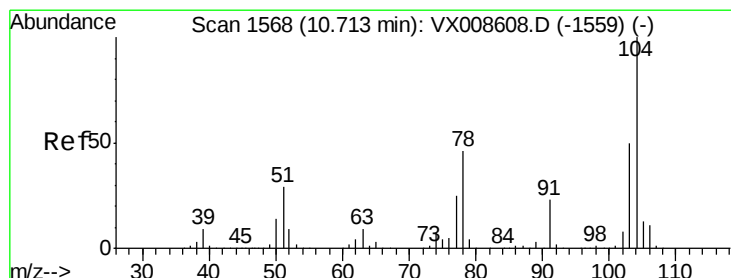
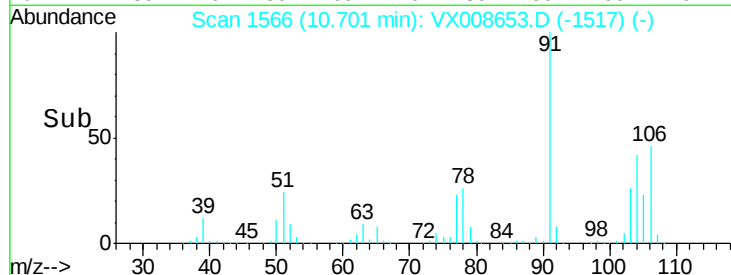
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4/5/2019 10:53:54 AM



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

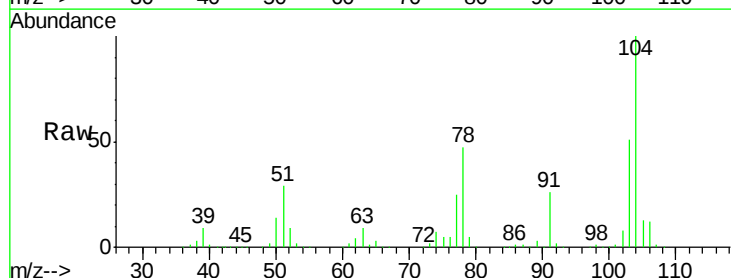


Time--> 10.60 10.70 10.80

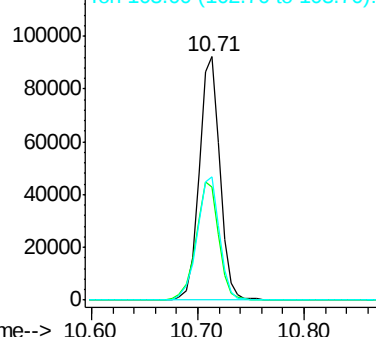


#70
Styrene
Concen: 18.797 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

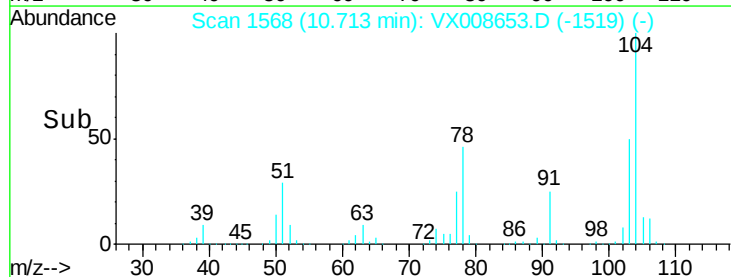
Tgt Ion:104 Resp: 125255
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 54.7 44.4 66.6

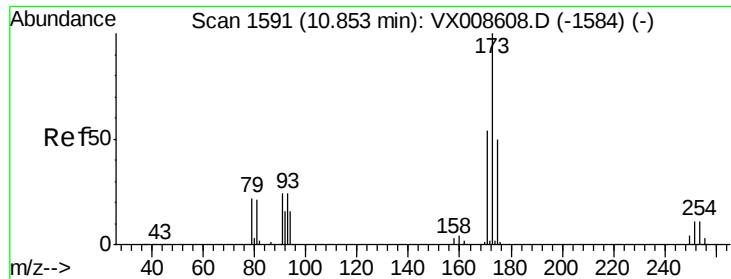


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 17.959 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

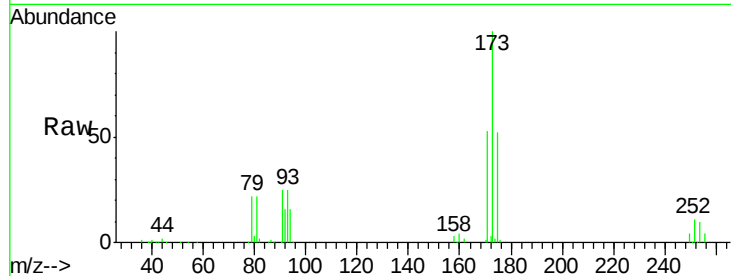
ClientSampleId :

VX0404WBS02

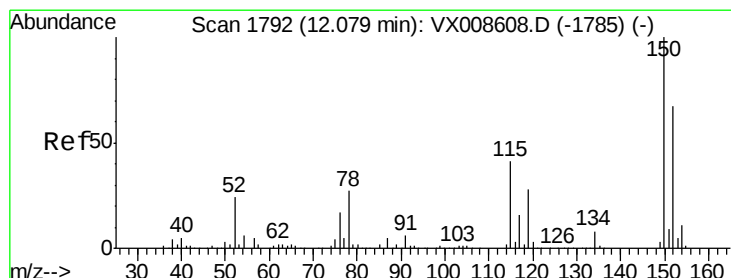
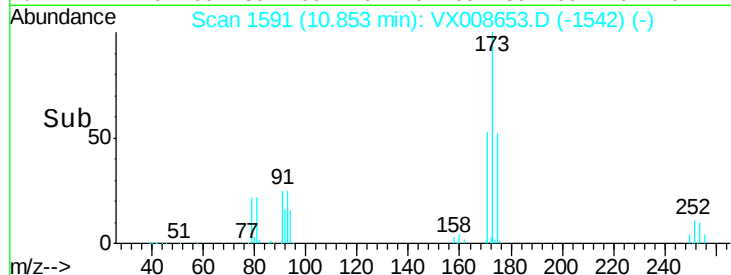
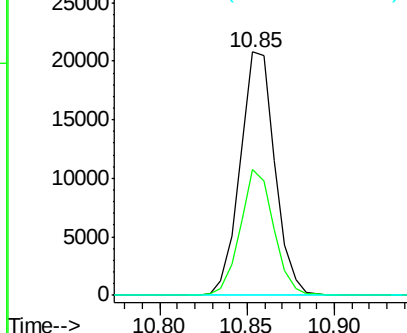
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.9	74.6
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

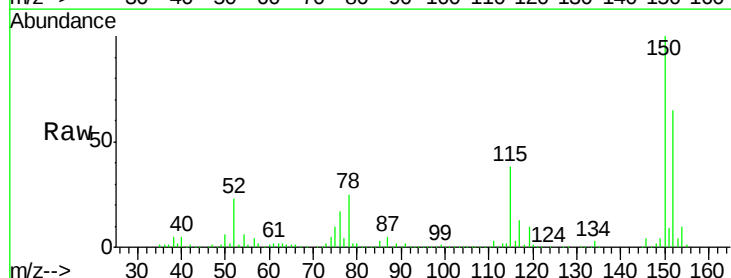
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

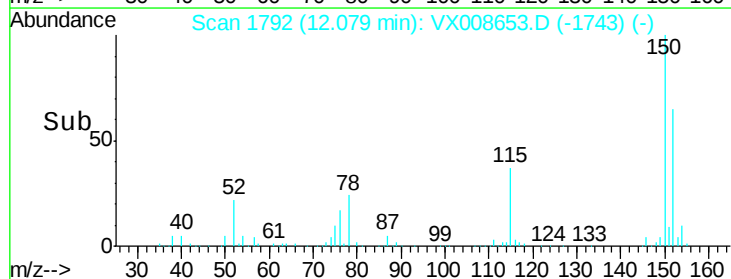
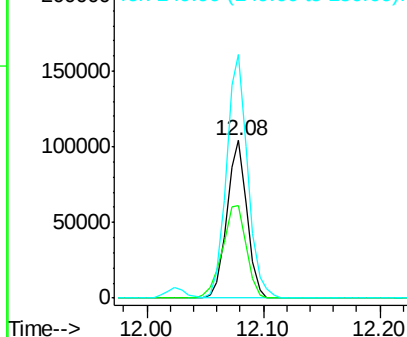
Lab File: VX008653.D

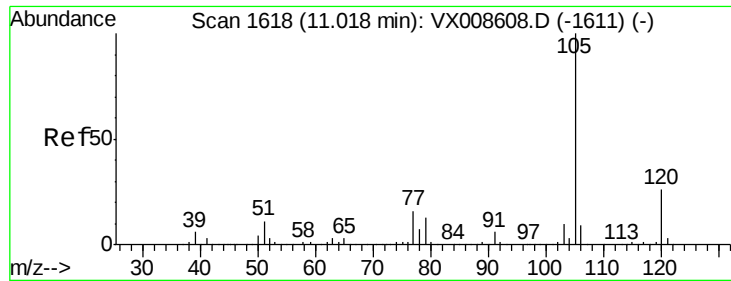
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.5	43.5	130.5
150	164.2	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.708 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 105 Resp: 190777

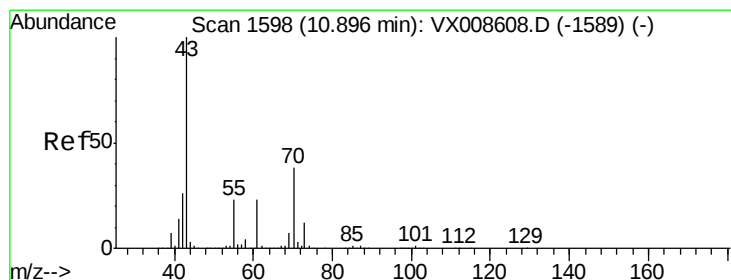
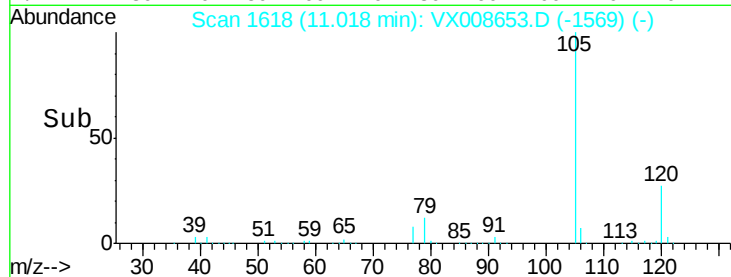
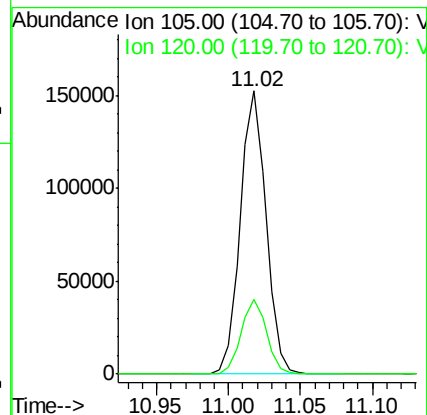
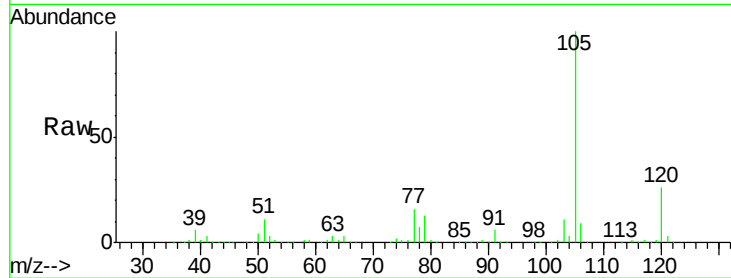
Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6

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#74

N-ethyl acetate

Concen: 19.340 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion: 43 Resp: 116035

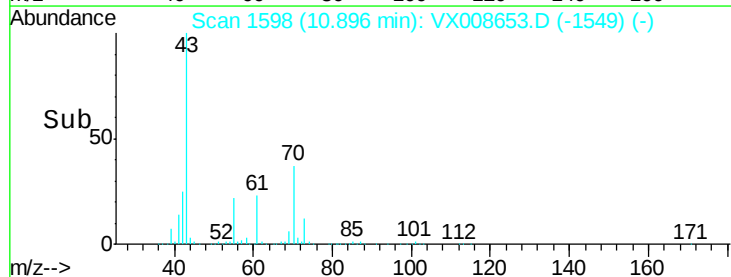
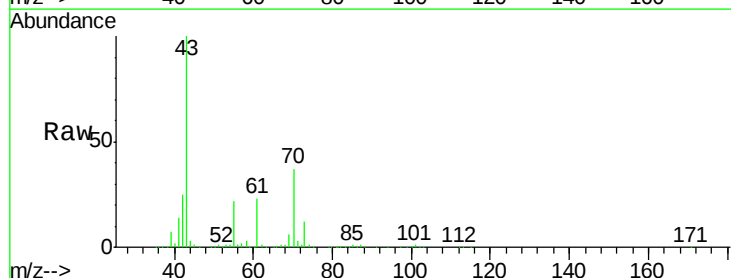
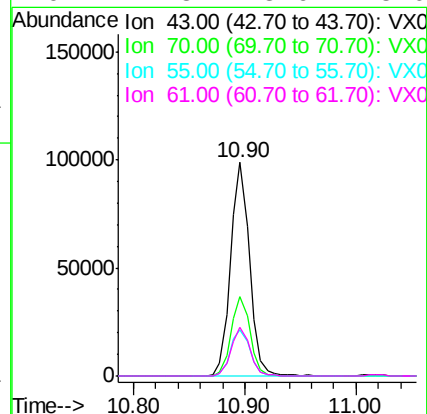
Ion Ratio Lower Upper

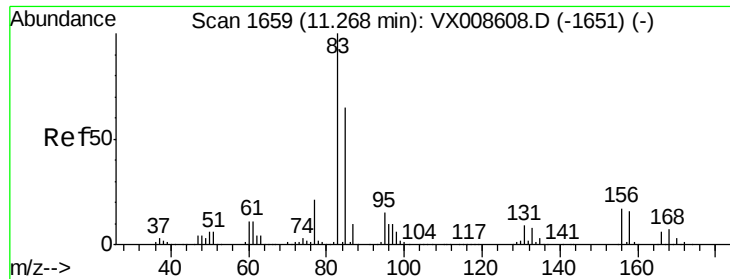
43 100

70 37.4 30.2 45.4

55 22.8 18.2 27.4

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.779 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

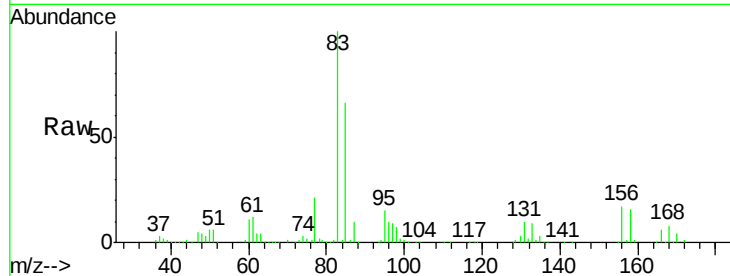
ClientSampled :

VX0404WBS02

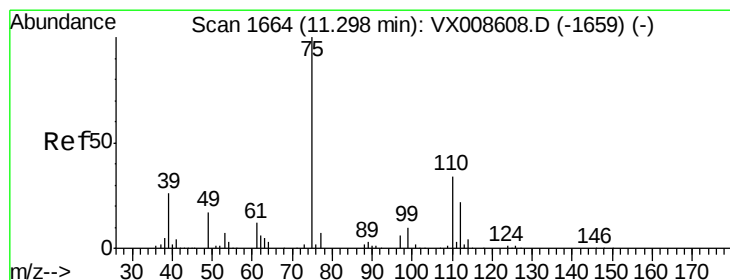
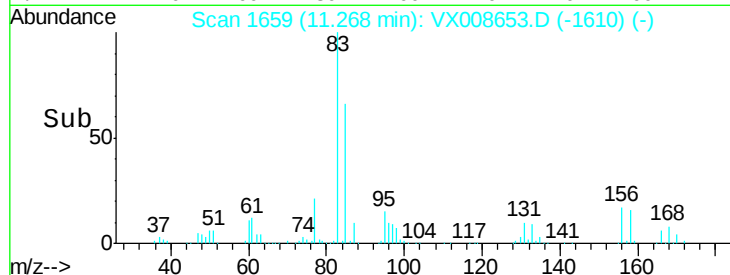
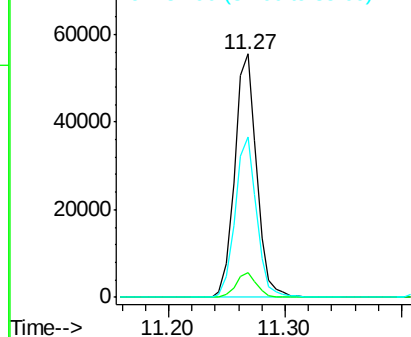
Tot Ion:	83	Resp:	72834
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.5	13.7
85	64.6	32.0	96.2

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



#76

1,2,3-Trichloropropane

Concen: 18.346 ug/l m

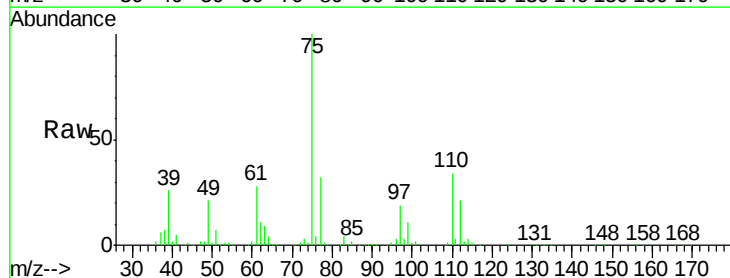
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

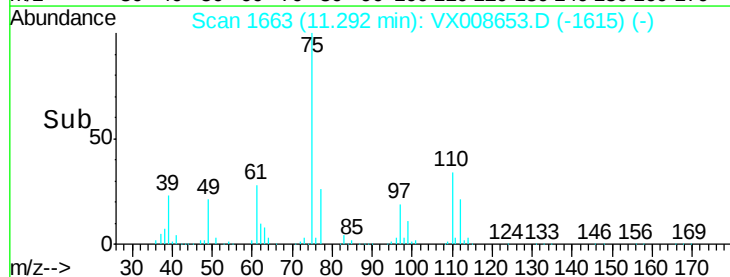
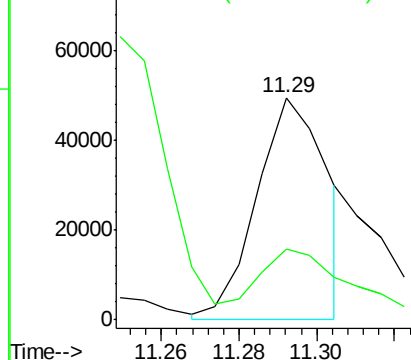
Lab File: VX008653.D

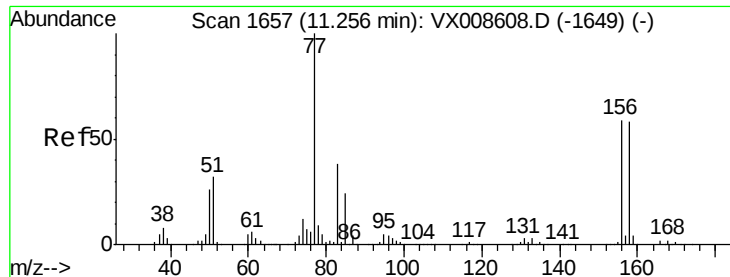
Acq: 04 Apr 2019 22:43

Tgt Ion:	75	Resp:	62017
Ion Ratio	Lower	Upper	
75	100		
77	42.7	22.3	66.8



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





#77

Bromobenzene

Concen: 18.644 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS02

Tot Ion:156 Resp: 45708

Ion Ratio Lower Upper

156 100

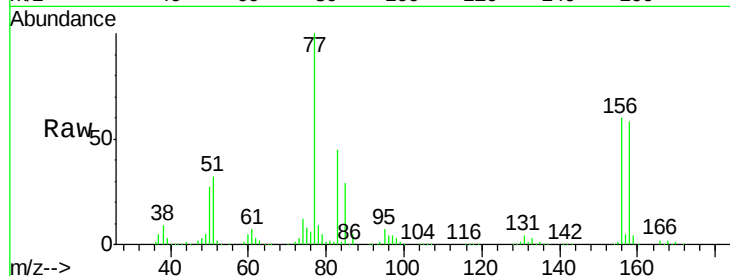
77 178.4 89.8 269.6

158 96.3 48.6 145.9

Manual Integrations
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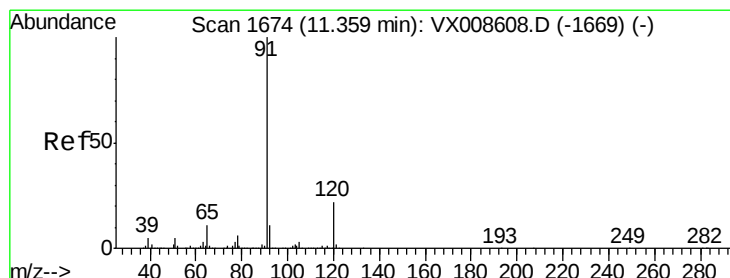
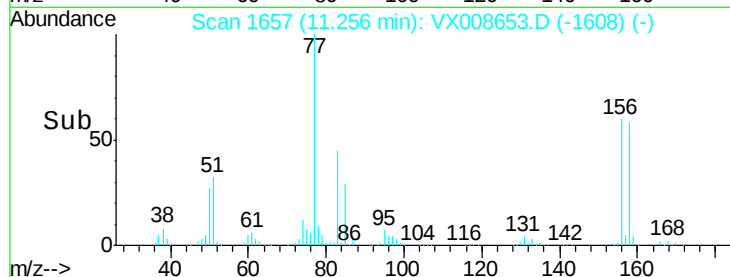
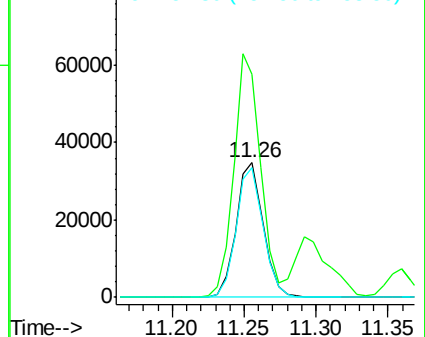
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.243 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008653.D

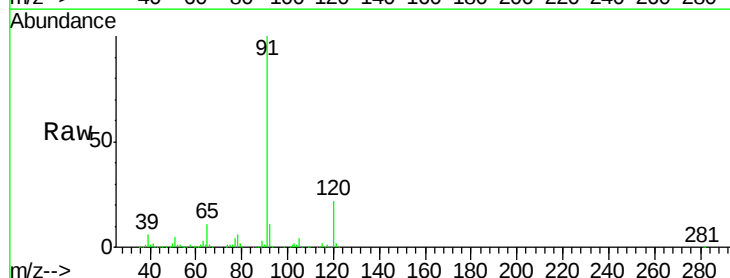
Acq: 04 Apr 2019 22:43

Tgt Ion: 91 Resp: 216616

Ion Ratio Lower Upper

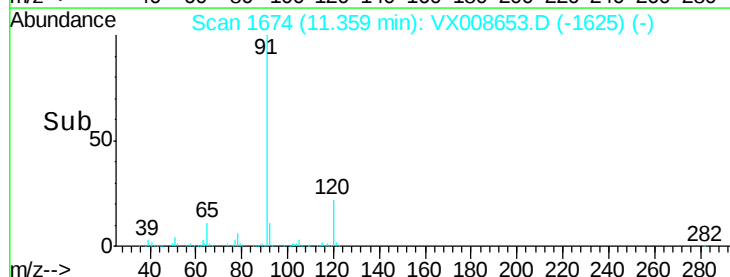
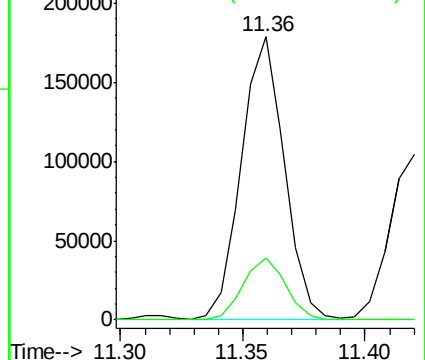
91 100

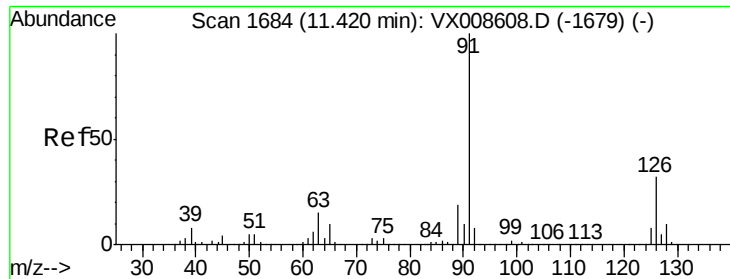
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.407 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS02

Tot Ion: 91 Resp: 132268

Ion Ratio Lower Upper

91 100

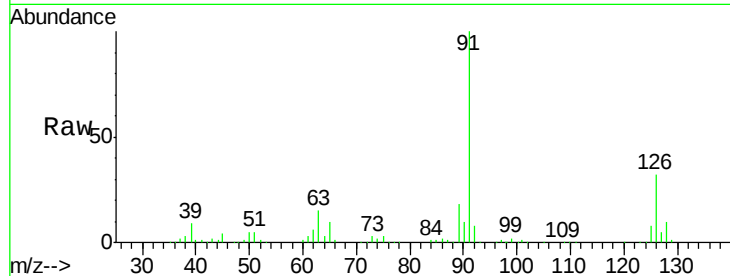
126 31.9 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

200000

150000

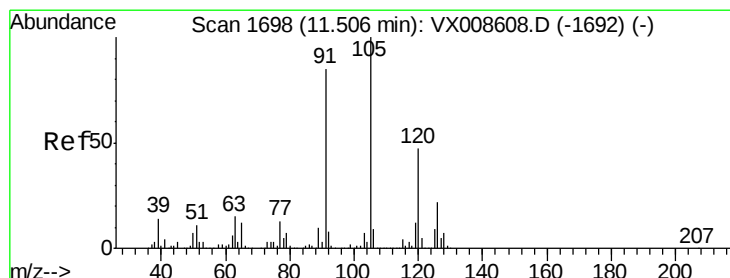
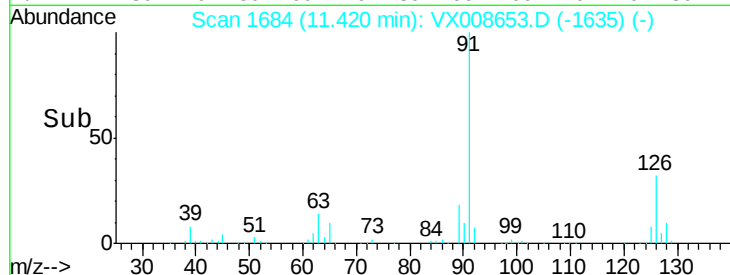
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.792 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008653.D

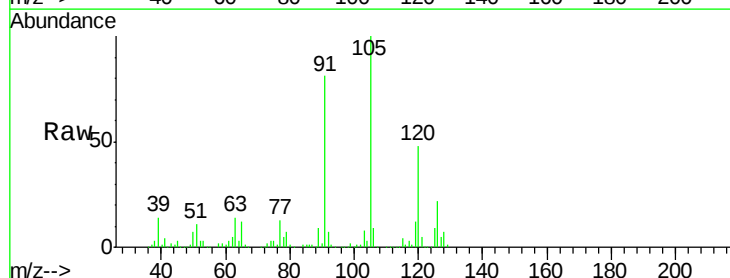
Acq: 04 Apr 2019 22:43

Tgt Ion:105 Resp: 160863

Ion Ratio Lower Upper

105 100

120 47.3 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

150000

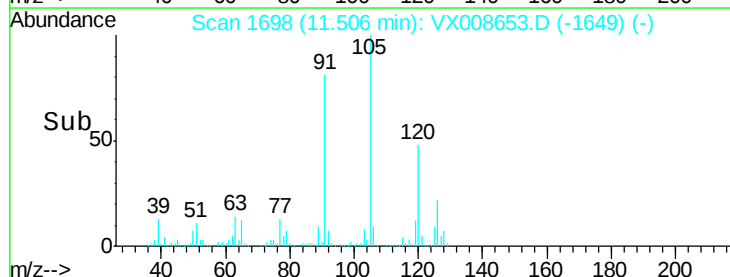
100000

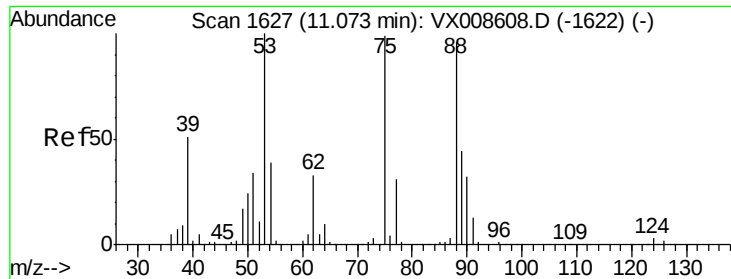
50000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.305 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS02

Tot Ion: 75 Resp: 19995

Ion Ratio Lower Upper

75 100

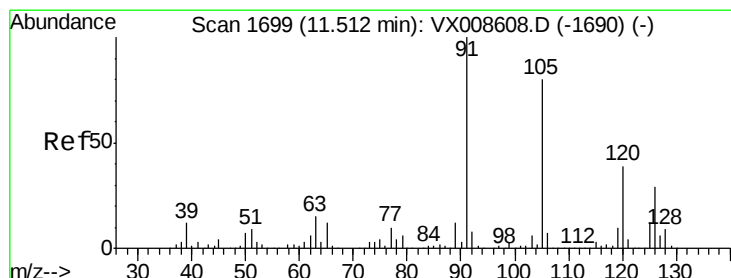
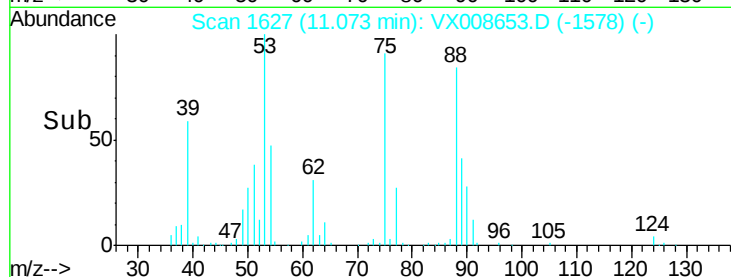
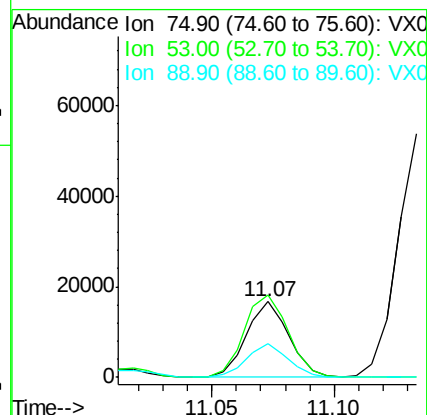
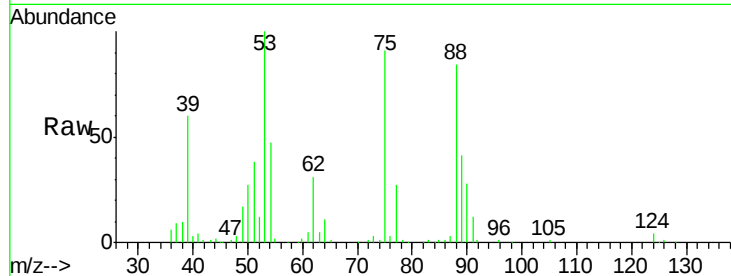
53 114.4 81.3 121.9

89 44.1 35.6 53.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.978 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008653.D

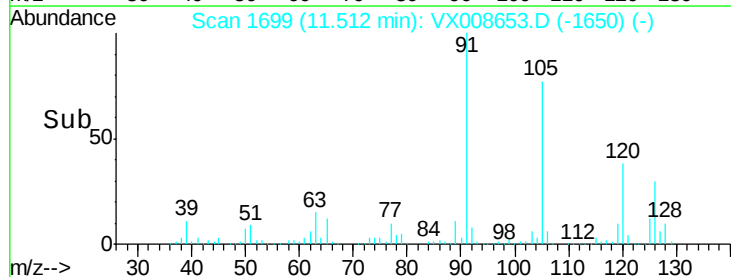
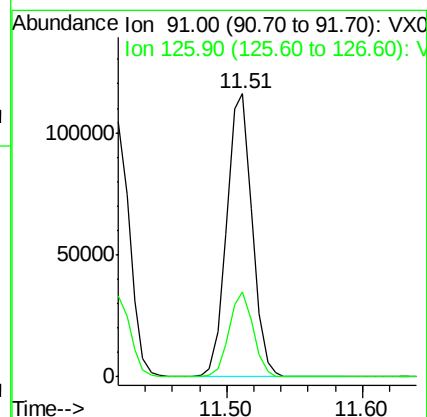
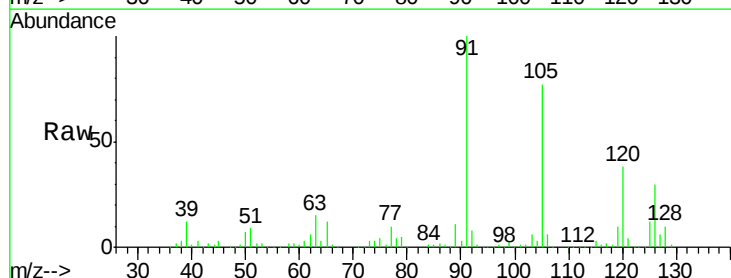
Acq: 04 Apr 2019 22:43

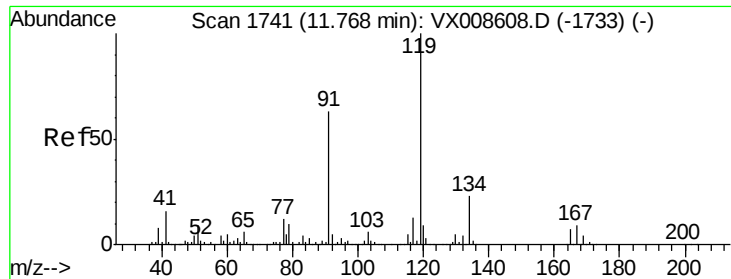
Tgt Ion: 91 Resp: 149538

Ion Ratio Lower Upper

91 100

126 28.4 13.9 41.6





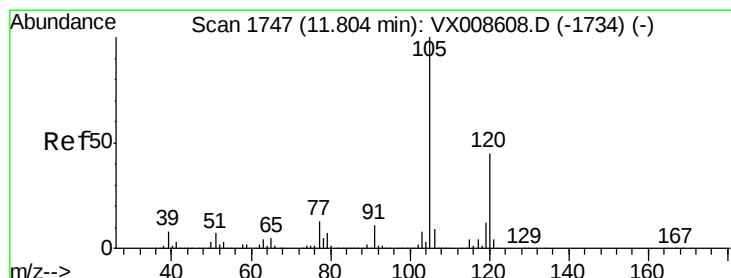
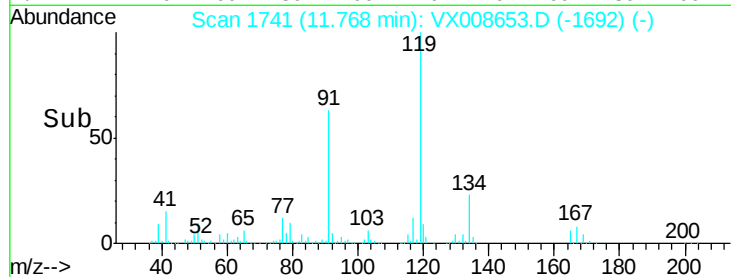
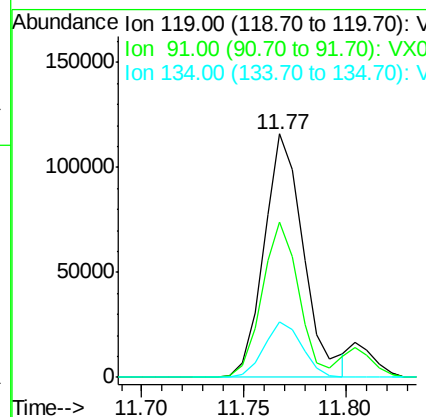
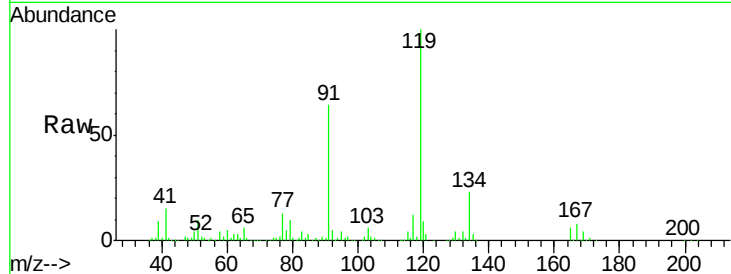
#83
tert-Butylbenzene
Concen: 18.959 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156142		
91	59.4	30.0	90.1	
134	21.8	11.1	33.3	

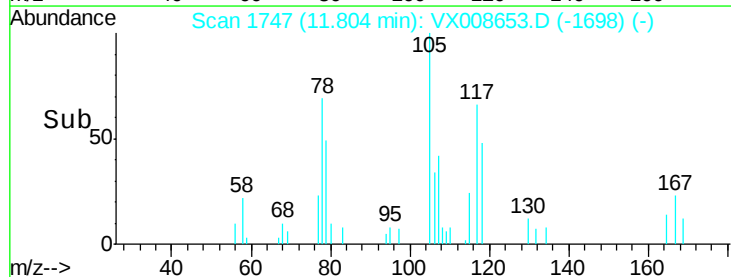
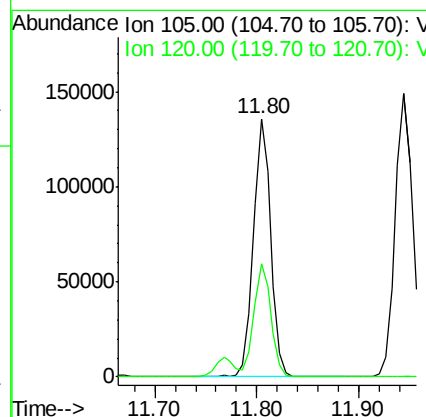
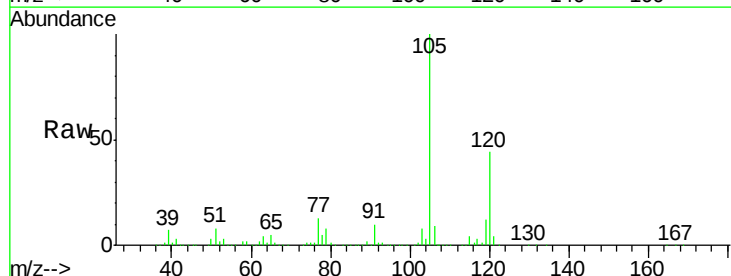
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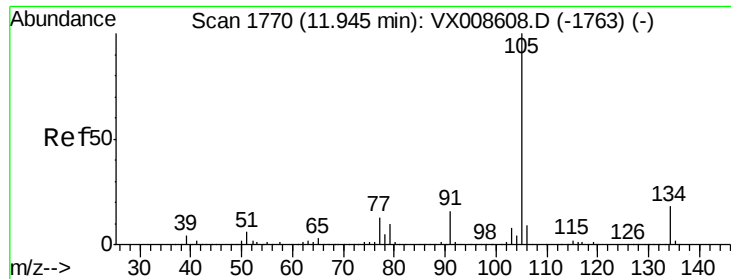
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#84
1,2,4-Trimethylbenzene
Concen: 18.609 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161303		
120	42.9	21.8	65.3	





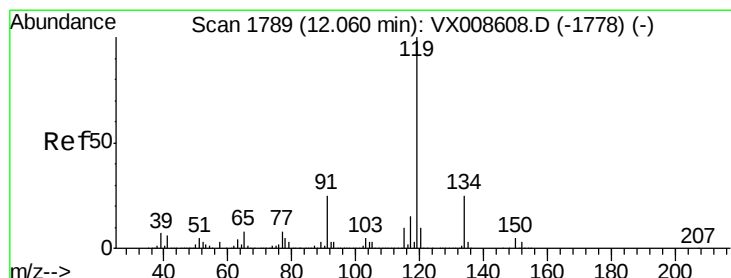
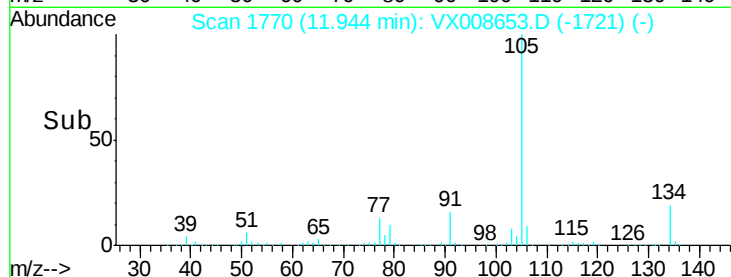
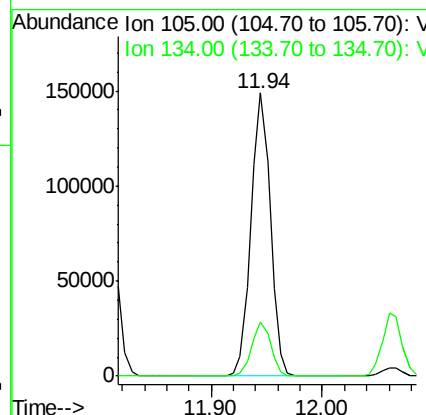
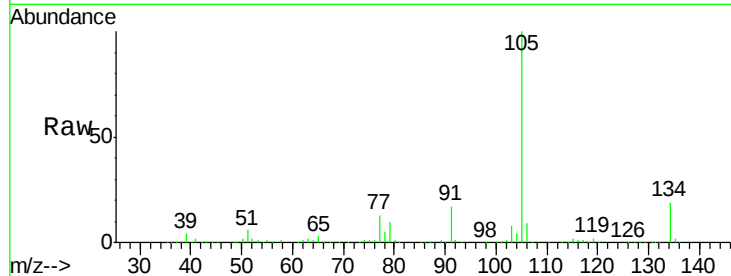
#85
 sec-Butylbenzene
 Concen: 18.424 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.4	28.2

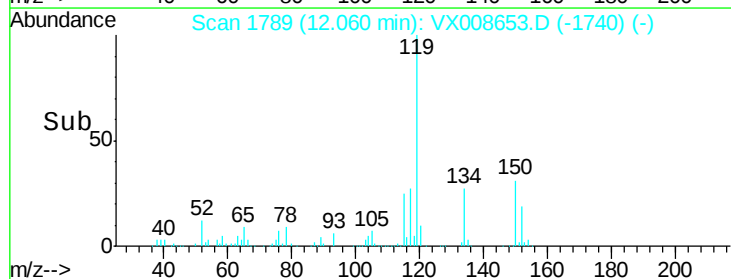
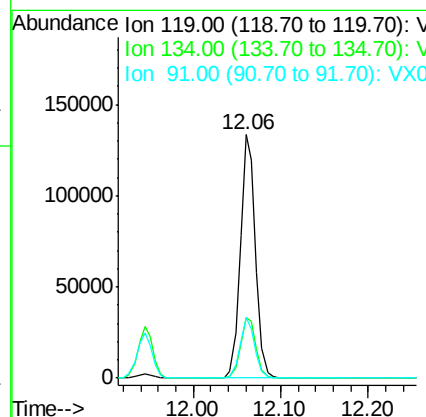
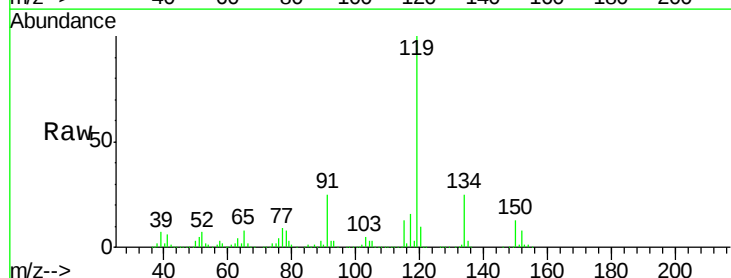
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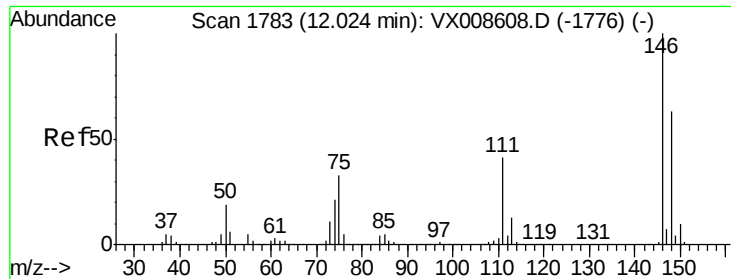
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#86
 p-Isopropyltoluene
 Concen: 18.342 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.4
91	24.3	12.2	36.6





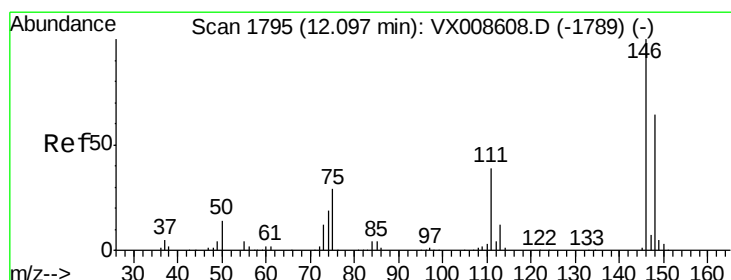
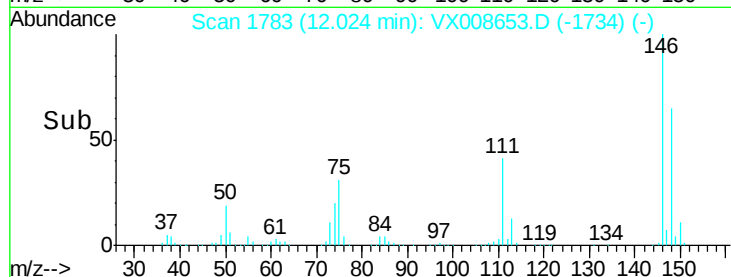
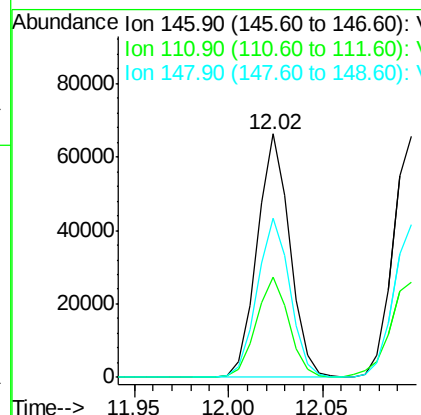
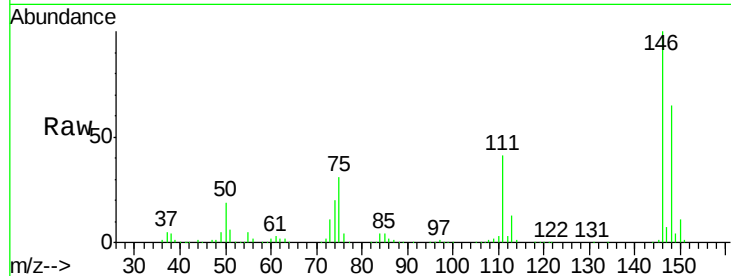
#87
 1,3-Dichlorobenzene
 Concen: 18.088 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	65.8	31.6	94.7

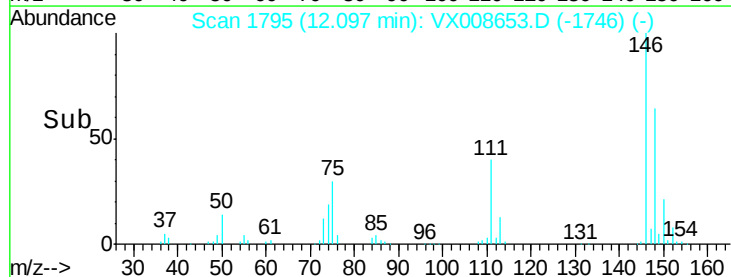
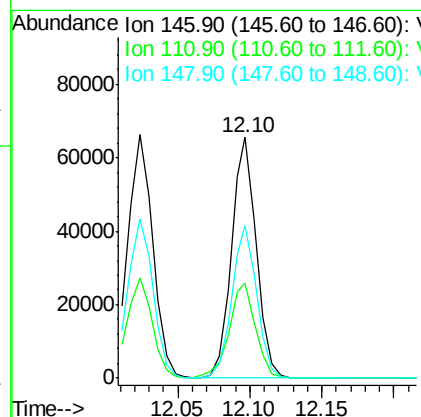
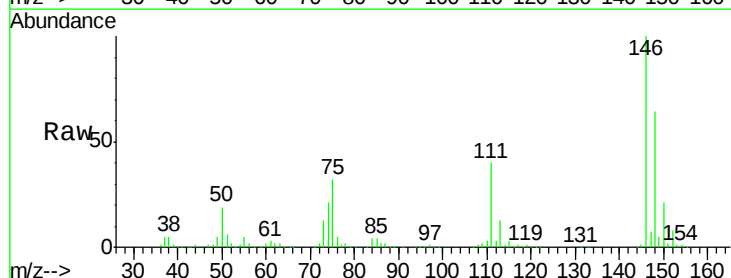
Manual Integrations
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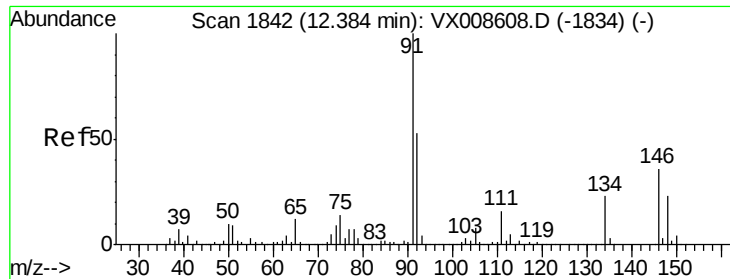
MMDadoda
 4/5/2019 10:53:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.846 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.6
148	63.8	32.0	96.0





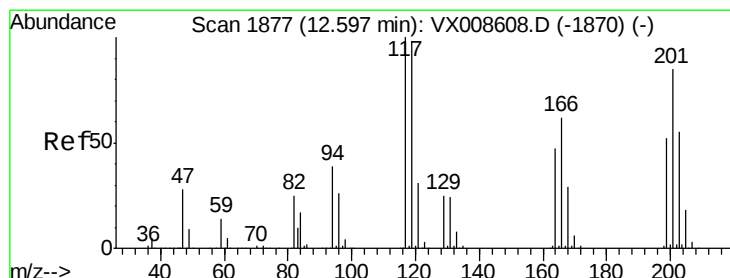
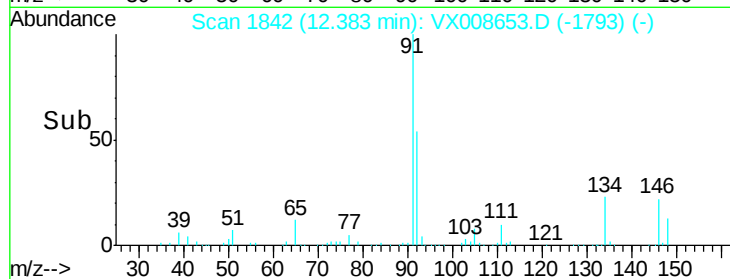
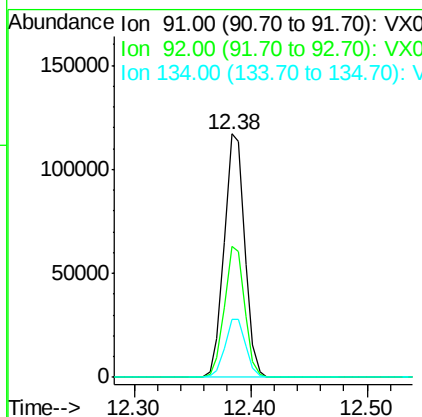
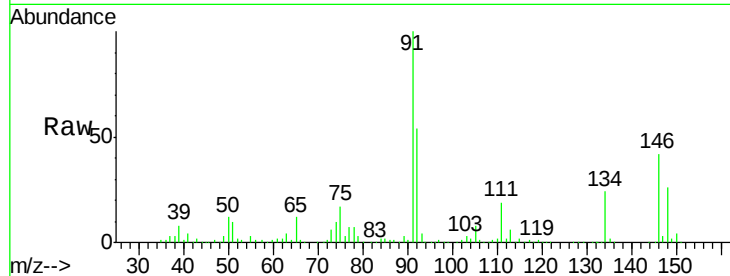
#89
n-Butylbenzene
Concen: 17.336 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	24.1	12.0	36.0

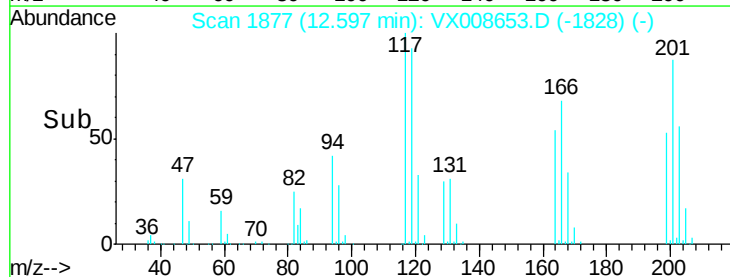
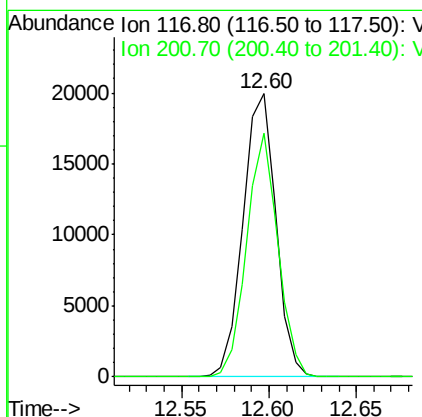
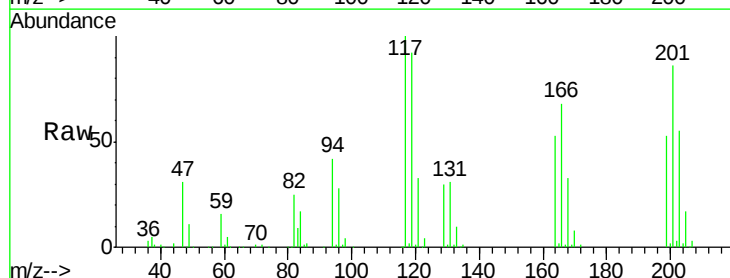
Manual Integrations
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#90
Hexachloroethane
Concen: 17.949 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008653.D
Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.6	40.6	122.0





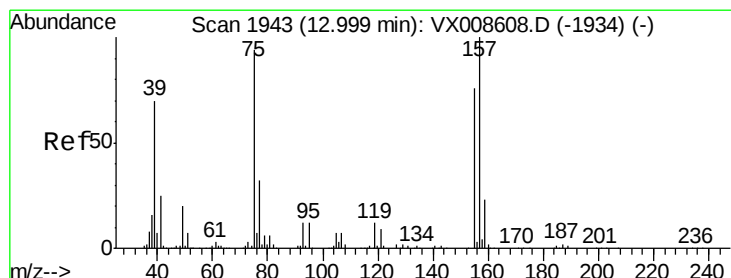
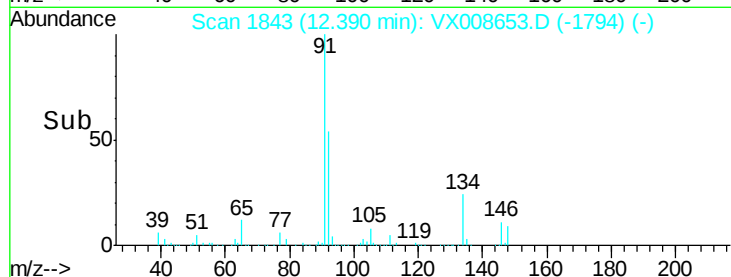
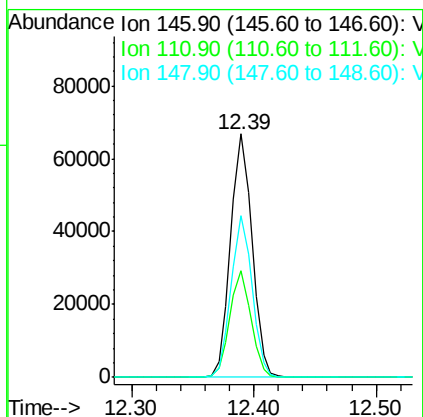
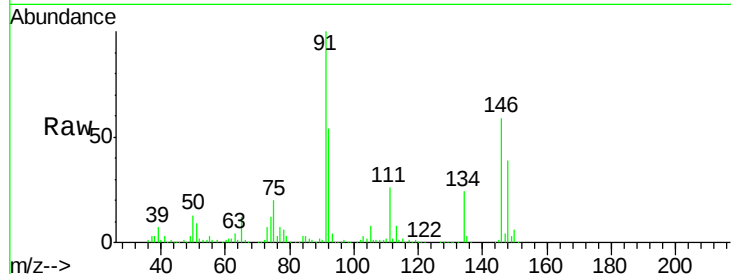
#91
 1,2-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.9
148	65.0	31.7	95.1

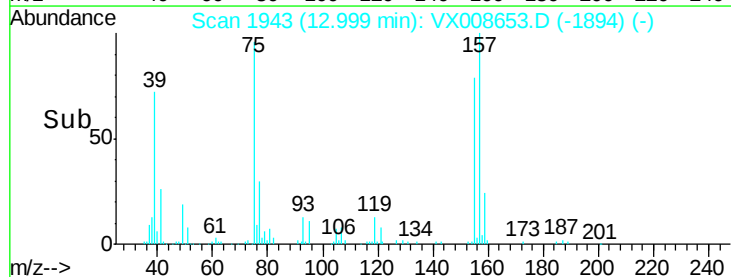
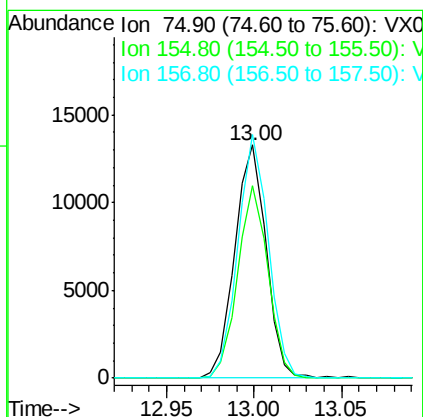
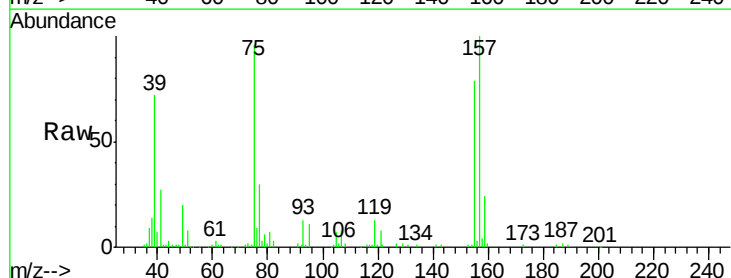
Manual Integrations
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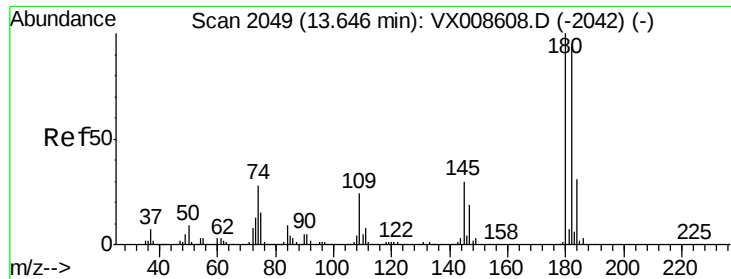
MMDadoda
 4/5/2019 10:53:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.427 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	101.5	51.5	154.7





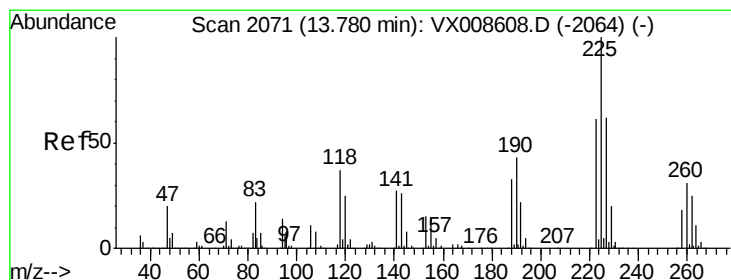
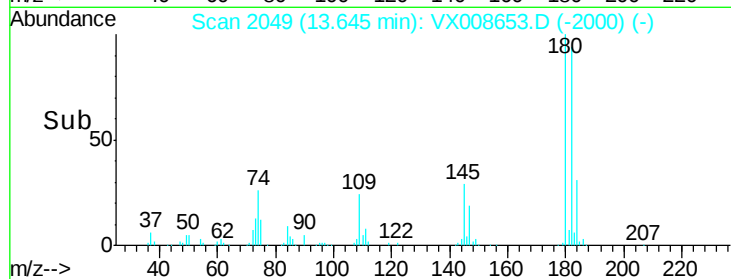
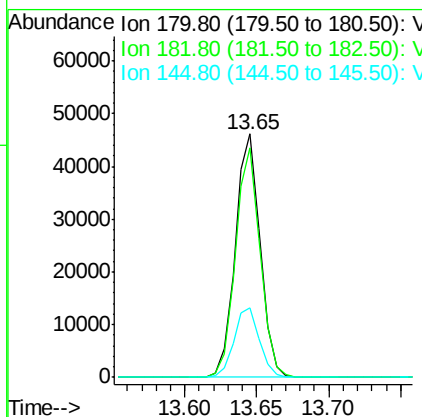
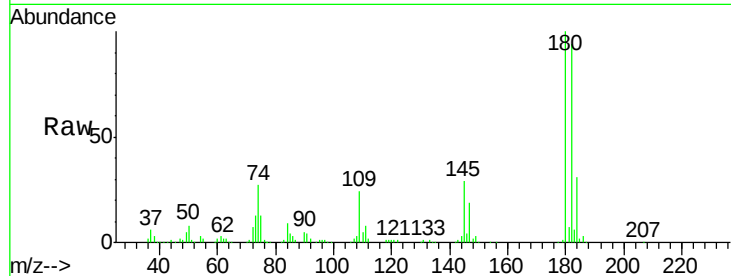
#93
 1,2,4-Trichlorobenzene
 Concen: 18.295 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS02

Tot Ion:	180	Resp:	55431
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.2	141.6
145	29.4	15.3	45.9

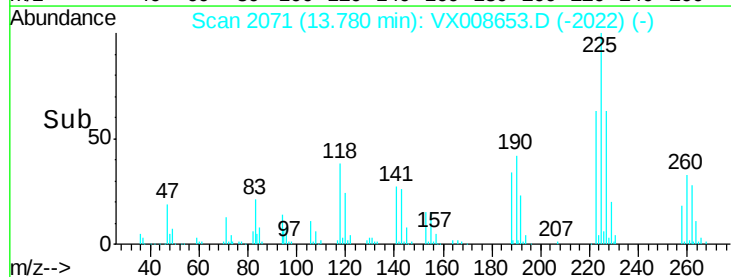
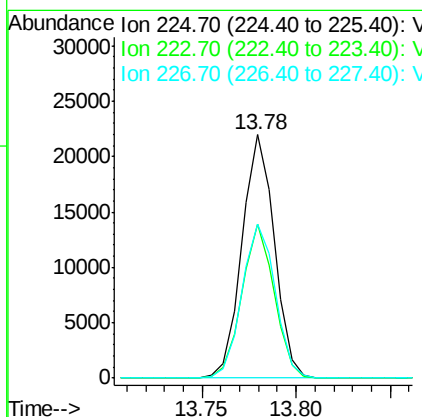
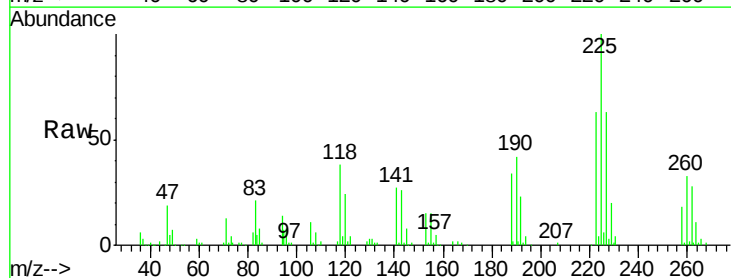
Manual Integrations
 APPROVED

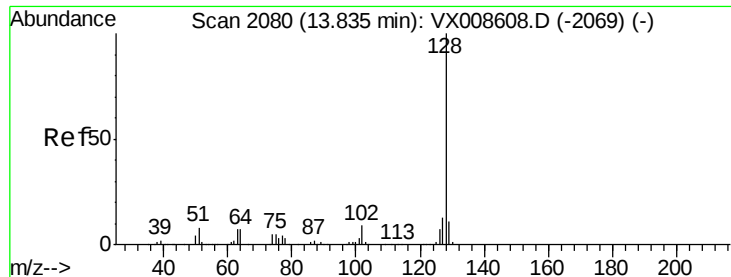
MMDadoda
 4/5/2019 10:53:54 AM



#94
 Hexachlorobutadiene
 Concen: 18.020 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008653.D
 Acq: 04 Apr 2019 22:43

Tgt Ion:	225	Resp:	26184
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.2	93.6
227	65.0	31.9	95.5





#95

Naphthalene

Concen: 19.490 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Instrument :

MSVOA_X

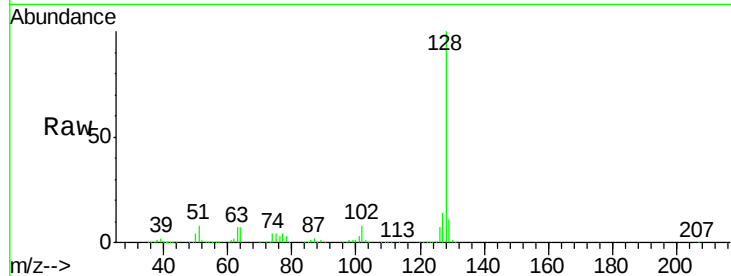
ClientSampleId :

VX0404WBS02

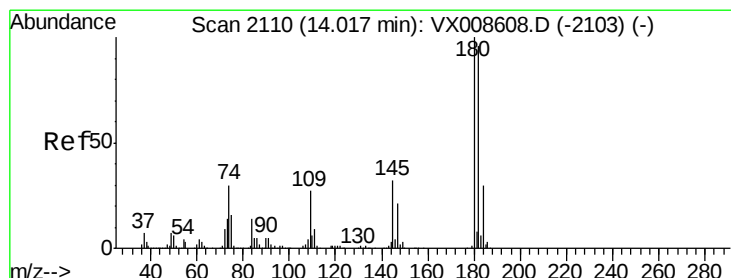
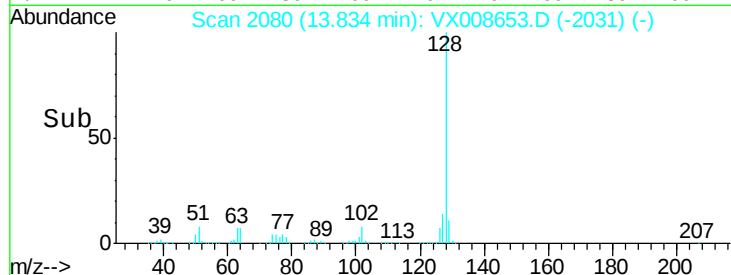
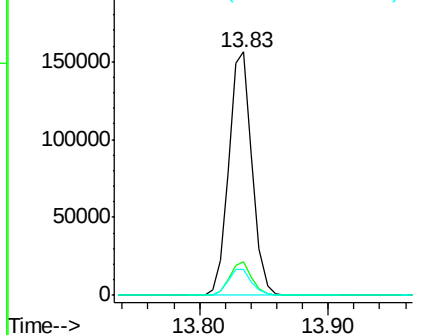
Tot Ion:	128	Resp:	197358
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

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



#96

1,2,3-Trichlorobenzene

Concen: 18.861 ug/l

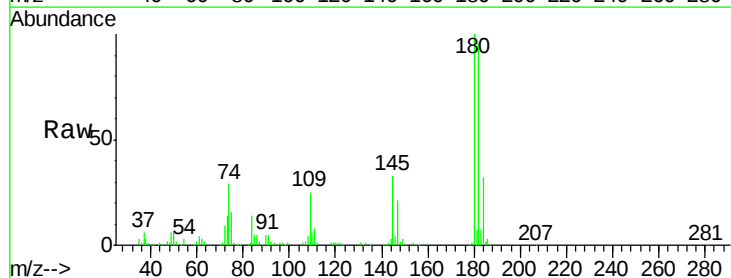
RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008653.D

Acq: 04 Apr 2019 22:43

Tgt Ion:	180	Resp:	57097
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	32.3	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

