

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007438.D
 Acq On : 08 Feb 2019 13:30
 Operator : JC/SP
 Sample : VX0208WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:37:22 AM

Quant Time: Feb 08 23:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	82487	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	435457	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	388505	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	158589	29.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.63%
60) 4-Bromofluorobenzene	11.13	95	181732	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	528561	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	63371	17.115	ug/l 99
3) Chloromethane	1.33	50	72100	17.418	ug/l 99
4) Vinyl Chloride	1.41	62	85309	18.161	ug/l 97
5) Bromomethane	1.64	94	75131	15.345	ug/l 95
6) Chloroethane	1.73	64	57627	18.203	ug/l 95
7) Trichlorofluoromethane	1.93	101	144281	18.193	ug/l 99
8) Diethyl Ether	2.19	74	57622	19.222	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85150	18.179	ug/l 99
10) 1,1-Dichloroethene	2.38	96	78613	18.466	ug/l 98
11) Methyl Iodide	2.51	142	121364	17.571	ug/l 96
12) Methyl Acetate	2.78	43	146302	20.179	ug/l 94
13) Acrolein	2.30	56	37195	70.861	ug/l 95
14) Acrylonitrile	3.15	53	267658	98.604	ug/l 99
15) Acetone	2.45	58	75758	98.188	ug/l 95
16) Carbon Disulfide	2.57	76	172335	16.788	ug/l 99
17) Allyl chloride	2.73	41	137252	18.542	ug/l 98
18) Methylene Chloride	2.86	84	92578	18.867	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	85238	18.490	ug/l 97
20) Diisopropyl ether	3.87	45	266570	19.343	ug/l 94
21) 1,1-Dichloroethane	3.70	63	146477	18.610	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	96491	19.033	ug/l 100
23) tert-Butyl Alcohol	3.07	59	118934	104.260	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	286757	19.230	ug/l 100
25) Chloroform	5.21	83	156526	19.241	ug/l 96
26) Cyclohexane	5.58	56	119747	18.064	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	110197	19.413	ug/l 99
30) 2-Butanone	4.70	43	346828	102.252	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	111273	19.402	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	131285	19.569	ug/l 100
33) Carbon Tetrachloride	5.79	117	112010	18.993	ug/l 96
34) Benzene	6.14	78	342766	19.576	ug/l 97
35) Methacrylonitrile	5.06	41	69625	20.109	ug/l 97
36) 1,2-Dichloroethane	6.20	62	120217	19.897	ug/l 99
37) Trichloroethene	7.21	130	98387	19.057	ug/l 95
38) Methylcyclohexane	7.46	83	128938	17.922	ug/l 99
39) 1,2-Dichloropropane	7.52	63	87315	19.884	ug/l 99
40) Dibromomethane	7.66	93	61840	19.550	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	105386	18.984	ug/l	93
42) Vinyl Acetate	3.82	43	1105787	96.153	ug/l	99
43) Ethyl Acetate	4.86	43	124883	19.732	ug/l	98
44) Isopropyl Acetate	6.46	43	191264	19.349	ug/l	98
45) 1,4-Dioxane	7.75	88	50256	419.549	ug/l	98
46) Methyl methacrylate	7.77	41	99775	19.740	ug/l	98
47) n-amyl Acetate	10.90	43	165735	19.068	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	111072	18.345	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	129303	19.224	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	97666	20.572	ug/l	96
51) Ethyl methacrylate	9.18	69	134503	19.828	ug/l	94
52) 1,3-Dichloropropane	9.37	76	151280	19.900	ug/l	99
53) Dibromochloromethane	9.58	129	91581	19.086	ug/l	98
54) 1,2-Dibromoethane	9.67	107	101545	19.869	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	380974	102.090	ug/l	100
56) Bromoform	10.85	173	66998	18.388	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	675070	103.913	ug/l	99
59) 2-Hexanone	9.49	43	521131	103.661	ug/l	99
61) Tetrachloroethene	9.34	164	105649	19.510	ug/l	99
62) Toluene	8.79	91	391666	20.028	ug/l	100
64) Chlorobenzene	10.14	112	255211	19.783	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	90906	19.894	ug/l	99
66) Ethyl Benzene	10.25	91	416995	19.681	ug/l	97
67) m/p-Xylenes	10.36	106	330450	39.493	ug/l	99
68) o-Xylene	10.69	106	161568	19.712	ug/l	99
69) Styrene	10.71	104	261855	19.802	ug/l	98
70) Isopropylbenzene	11.02	105	436522	20.117	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	141467	20.362	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	136697m	20.927	ug/l	
73) Bromobenzene	11.26	156	119129	19.835	ug/l	99
74) n-propylbenzene	11.36	91	484904	19.856	ug/l	98
75) 2-Chlorotoluene	11.42	91	287232	19.833	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	355654	19.638	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	35472	18.691	ug/l	94
78) 4-Chlorotoluene	11.51	91	321101	19.043	ug/l	98
79) tert-butylbenzene	12.06	119	380560	19.421	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	361622	19.720	ug/l	99
81) sec-Butylbenzene	11.94	105	423677	19.401	ug/l	99
82) p-Isopropyltoluene	12.06	119	380560	19.421	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207052	19.393	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	207370	19.414	ug/l	99
85) n-Butylbenzene	12.39	91	307236	18.269	ug/l	99
86) Hexachloroethane	12.60	117	57117	18.853	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	210714	19.821	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28457	20.096	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	135939	18.627	ug/l	99
90) Hexachlorobutadiene	13.78	225	66918	19.225	ug/l	98
91) Naphthalene	13.83	128	434249	19.657	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	137775	19.039	ug/l	98

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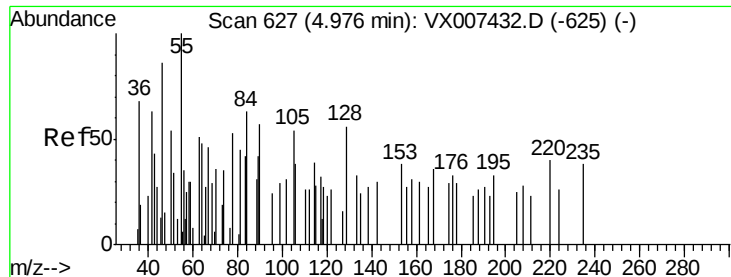
Manual Integrations
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QLast Update : Mon Jan 28 10:35:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

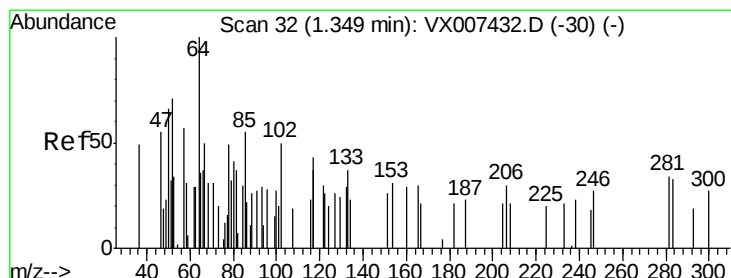
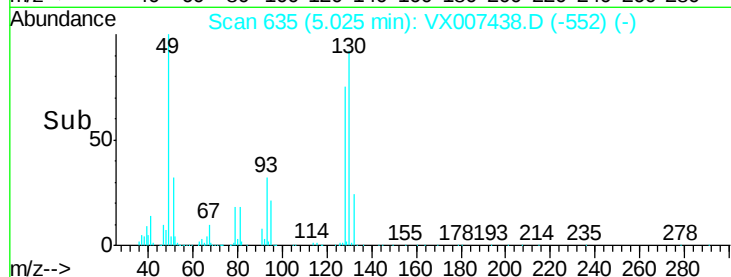
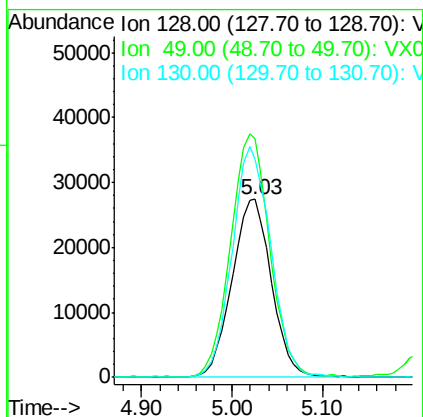
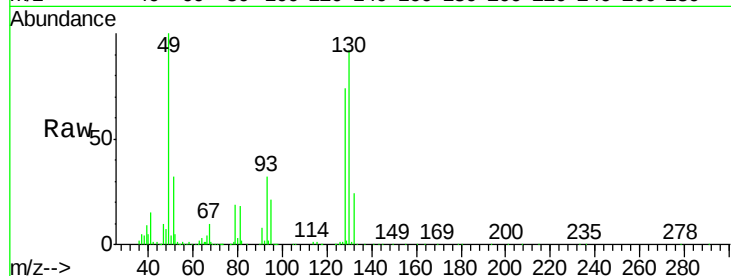
ClientSampled :

VX0208WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	135.2	0.0	345.5
130	127.1	0.0	320.0

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#2

Dichlorodifluoromethane

Concen: 17.115 ug/l

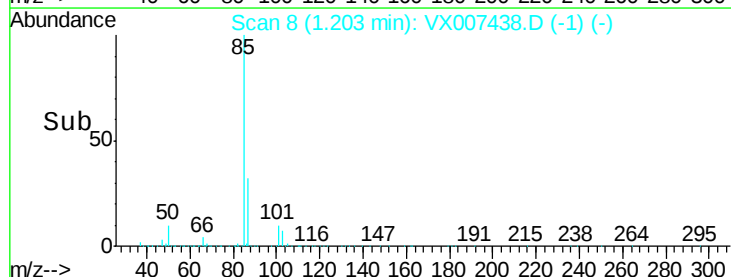
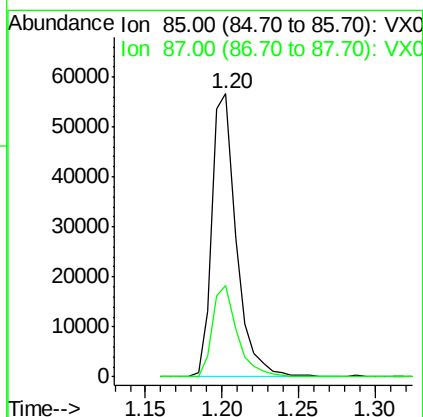
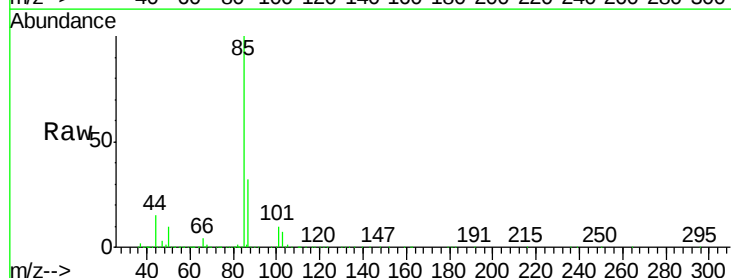
RT: 1.20 min Scan# 8

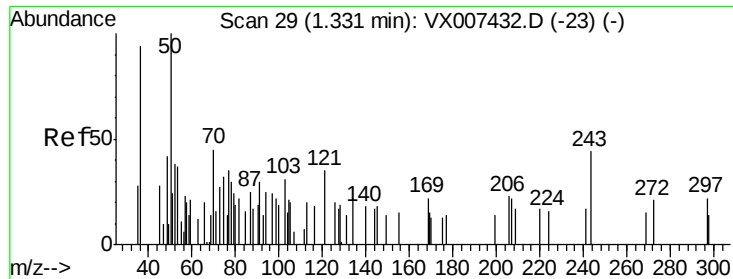
Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1





#3

Chloromethane

Concen: 17.418 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tot Ion: 50 Resp: 72100

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

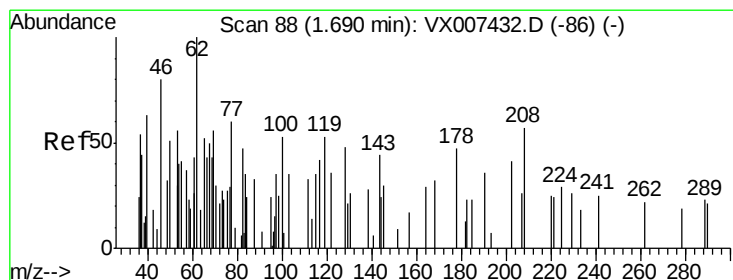
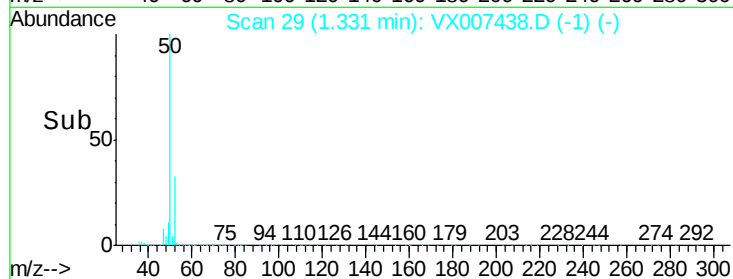
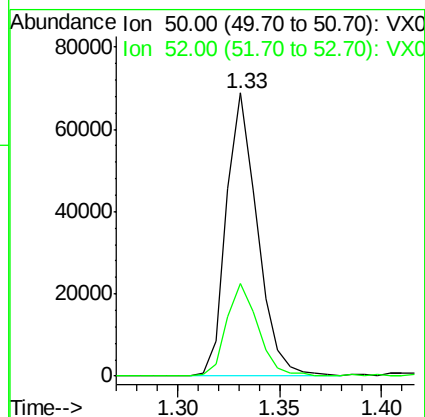
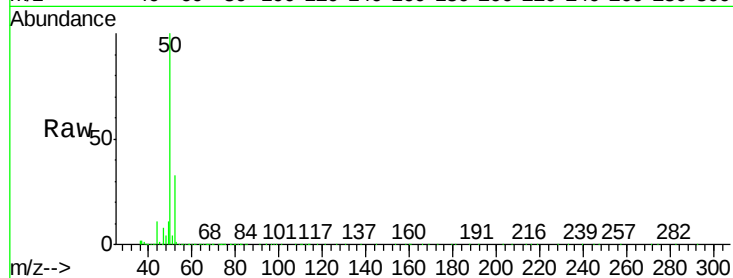
VX0208WBS01

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.161 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007438.D

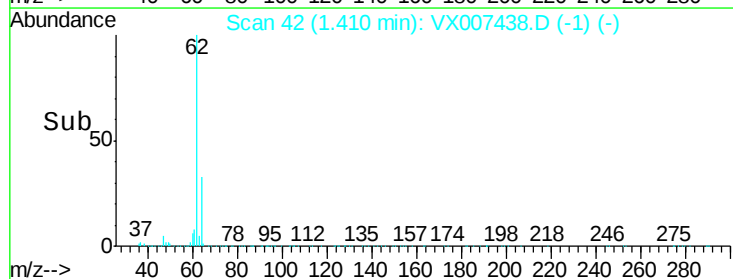
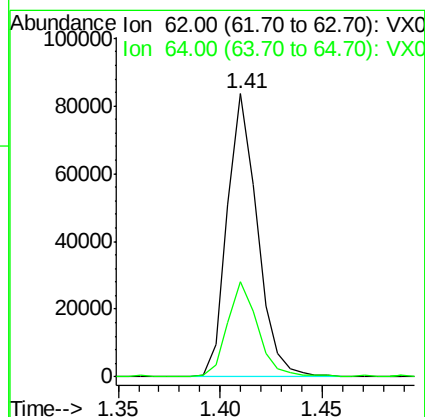
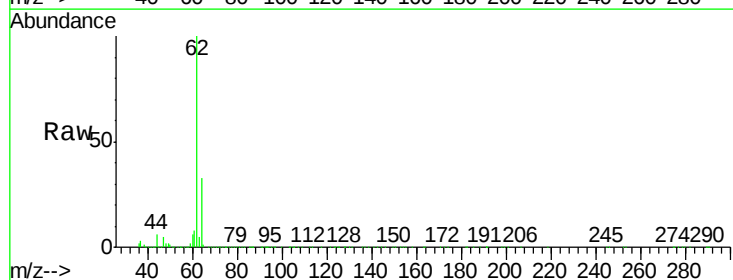
Acq: 08 Feb 2019 13:30

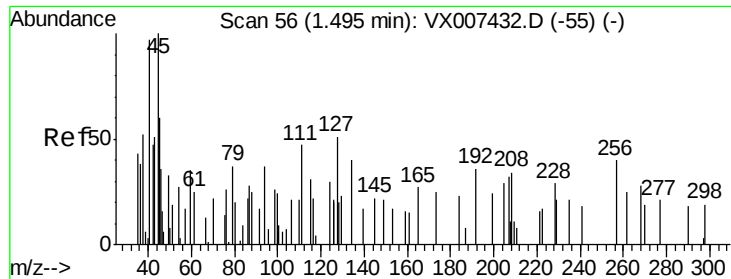
Tgt Ion: 62 Resp: 85309

Ion Ratio Lower Upper

62 100

64 33.3 25.5 38.3





#5

Bromomethane

Concen: 15.345 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 94 Resp: 75131

Ion Ratio Lower Upper

94 100

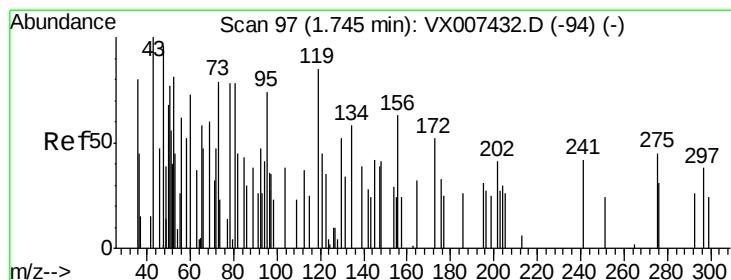
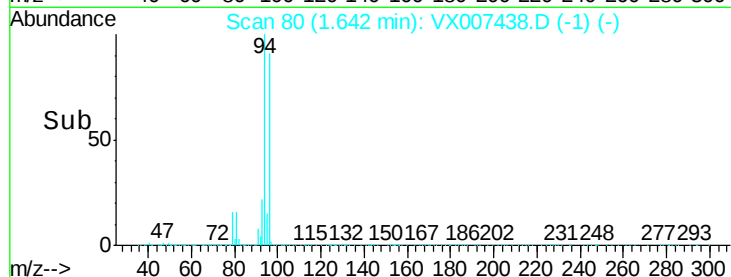
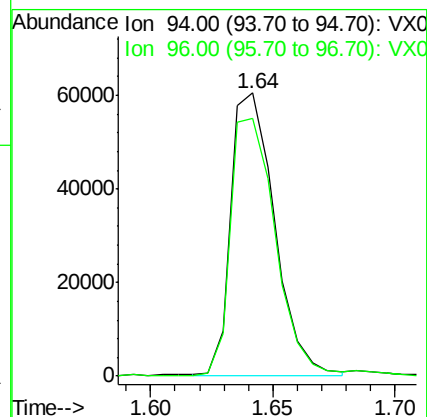
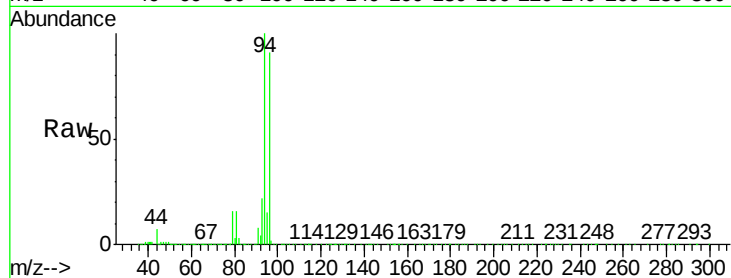
96 91.5 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 18.203 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007438.D

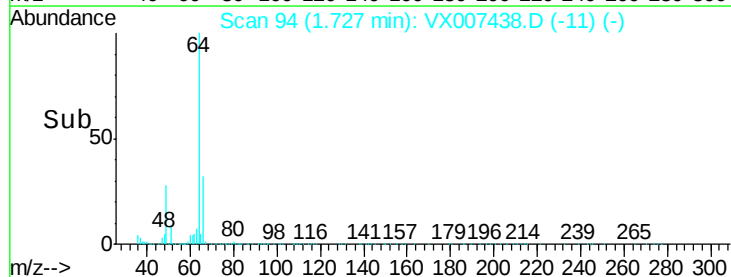
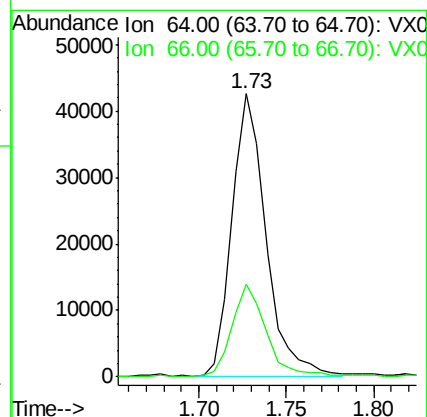
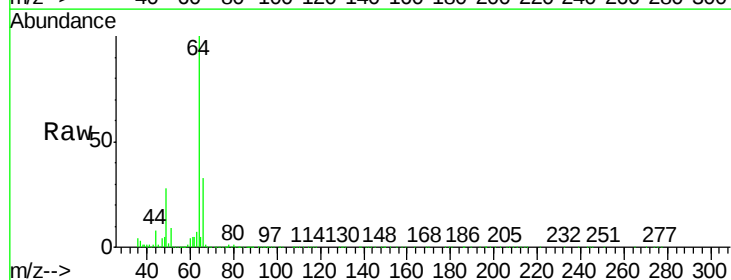
Acq: 08 Feb 2019 13:30

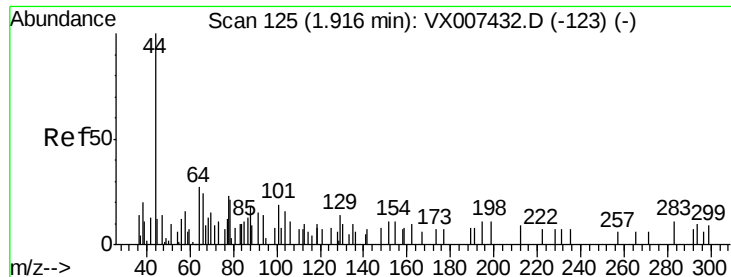
Tgt Ion: 64 Resp: 57627

Ion Ratio Lower Upper

64 100

66 32.7 24.2 36.2





#7

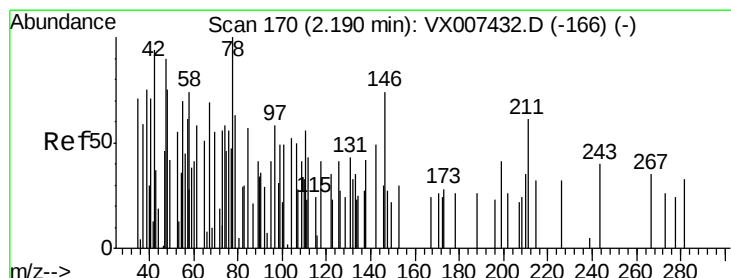
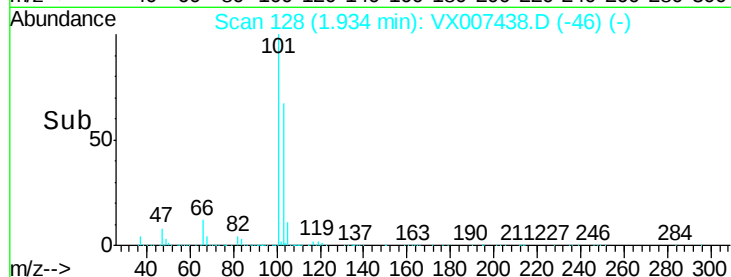
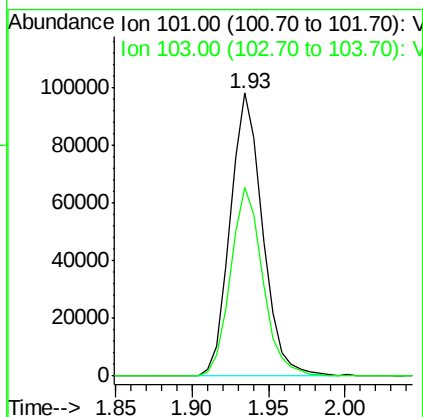
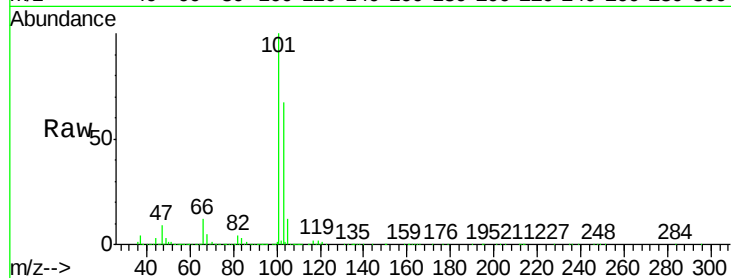
Trichlorofluoromethane
 Concen: 18.193 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.6	78.8

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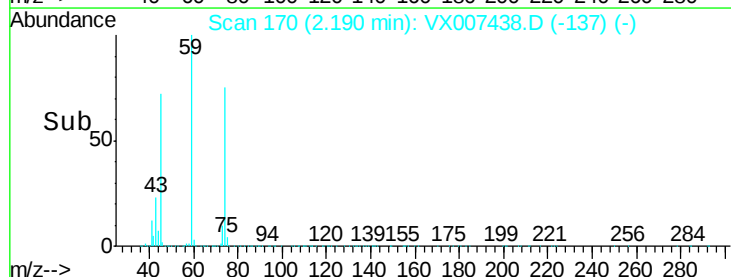
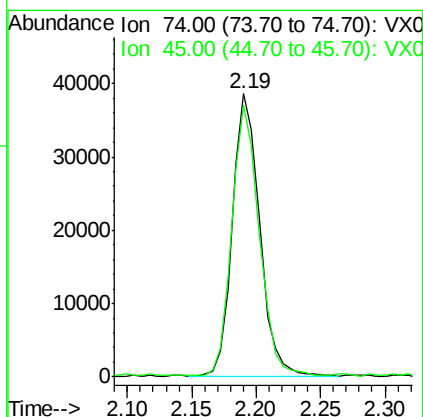
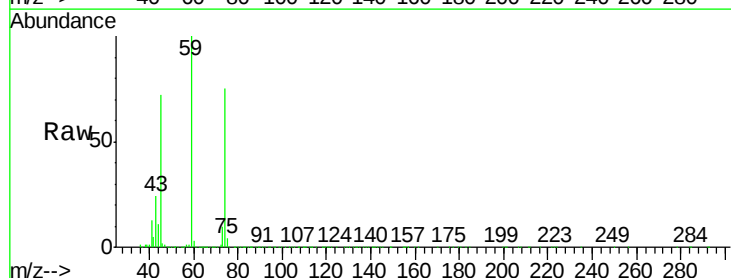
MMDadoda
 2/11/2019 9:37:22 AM

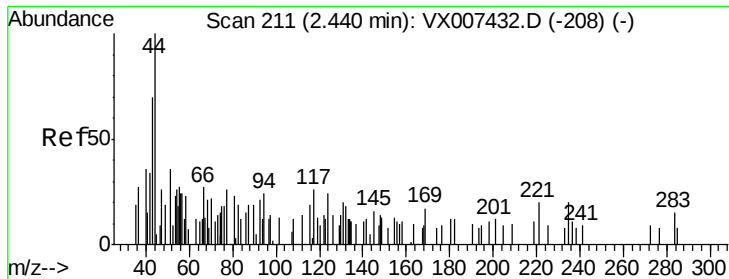


#8

Diethyl Ether
 Concen: 19.222 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.179 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

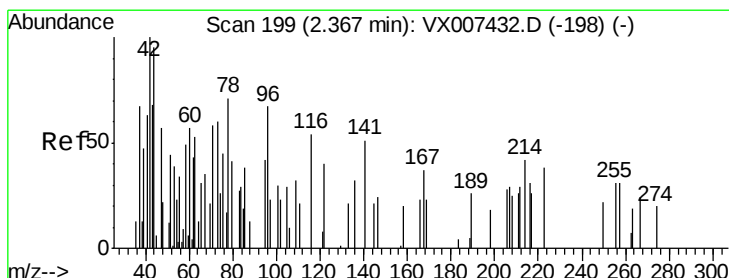
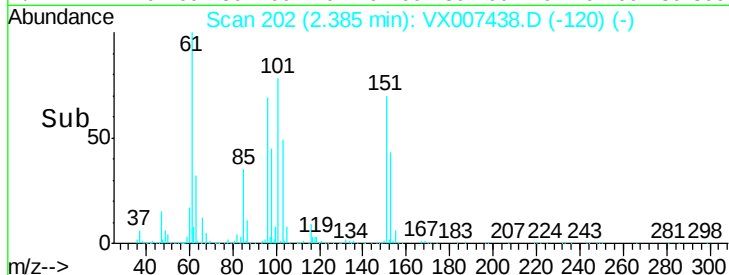
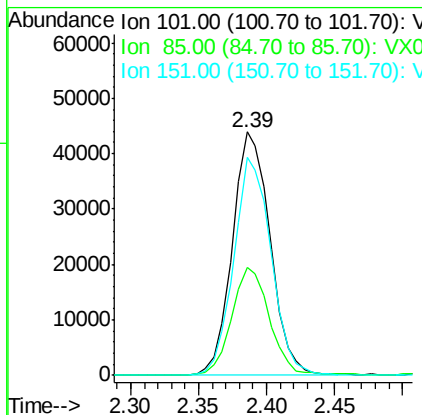
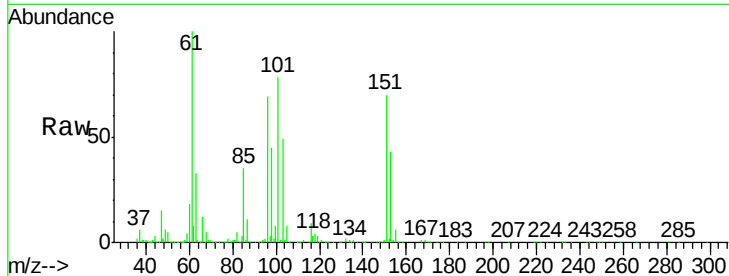
ClientSampleId :

VX0208WBS01

Tot Ion:	101	Resp:	85150
Ion Ratio	Lower	Upper	
101	100		
85	44.7	0.0	87.4
151	88.8	0.0	176.4

Manual Integrations
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2/11/2019 9:37:22 AM



#10

1,1-Dichloroethene

Concen: 18.466 ug/l

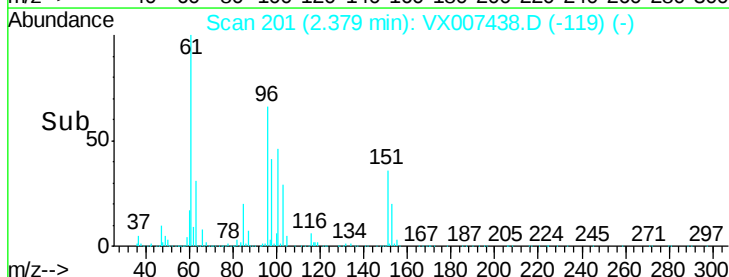
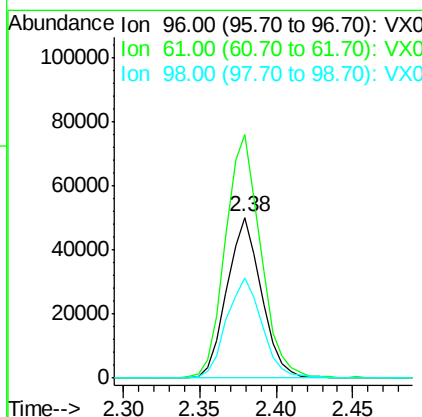
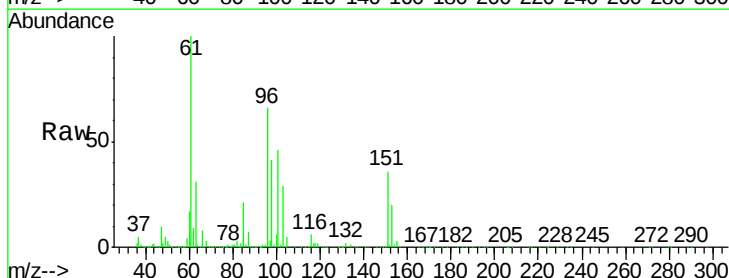
RT: 2.38 min Scan# 201

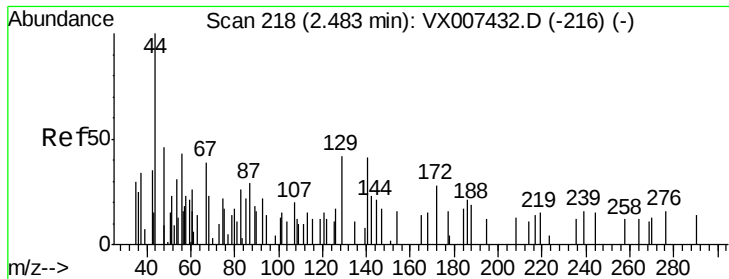
Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion:	96	Resp:	78613
Ion Ratio	Lower	Upper	
96	100		
61	151.6	119.6	179.4
98	62.6	50.9	76.3





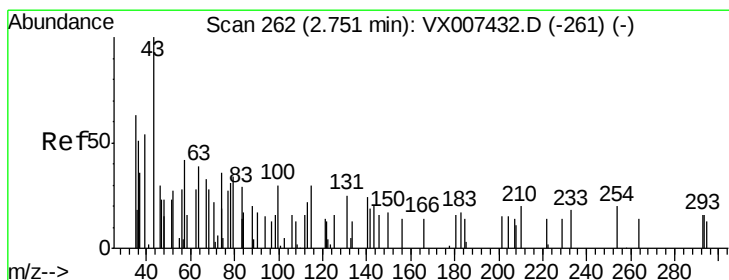
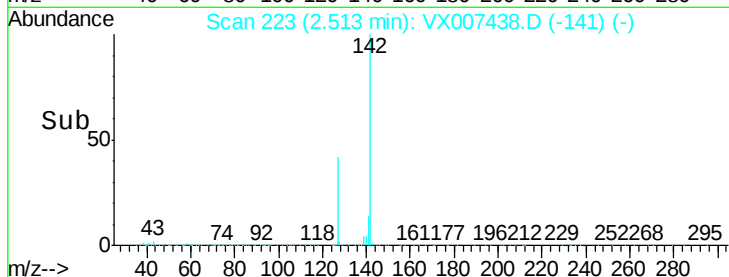
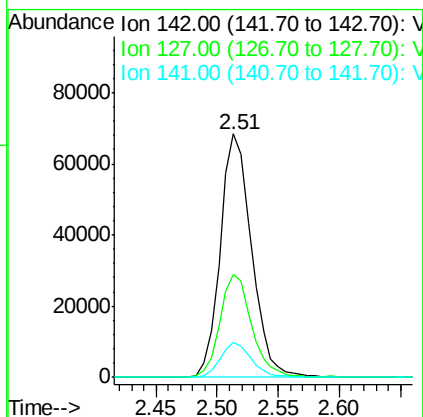
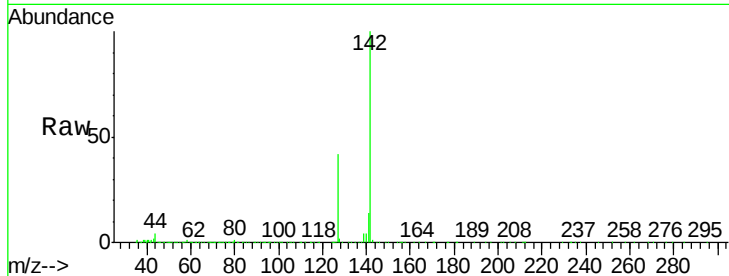
#11
Methyl Iodide
Concen: 17.571 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.4	20.0	59.9
141	14.3	6.3	19.1

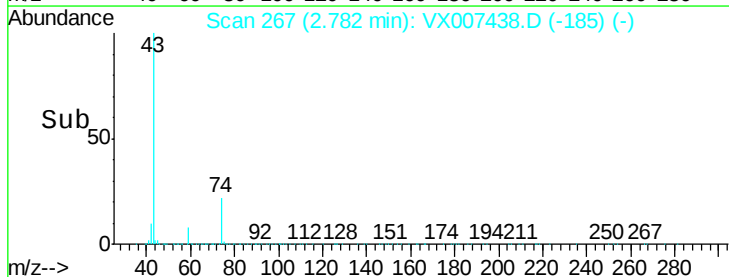
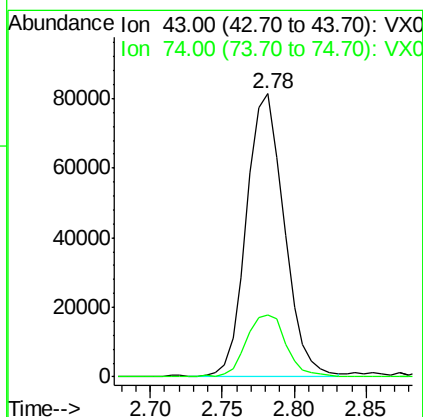
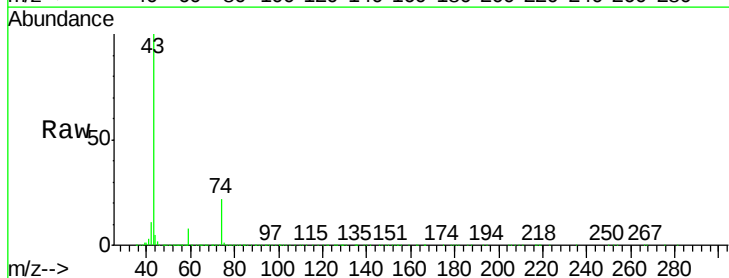
Manual Integrations
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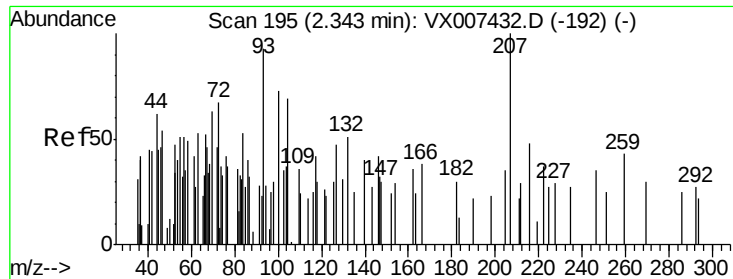
MMDadoda
2/11/2019 9:37:22 AM



#12
Methyl Acetate
Concen: 20.179 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.8	29.8





#13

Acrolein

Concen: 70.861 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 56 Resp: 37195

Ion Ratio Lower Upper

56 100

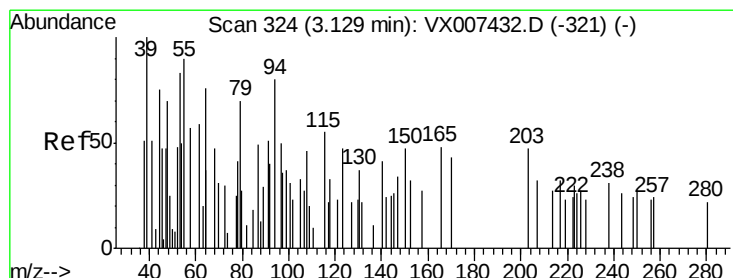
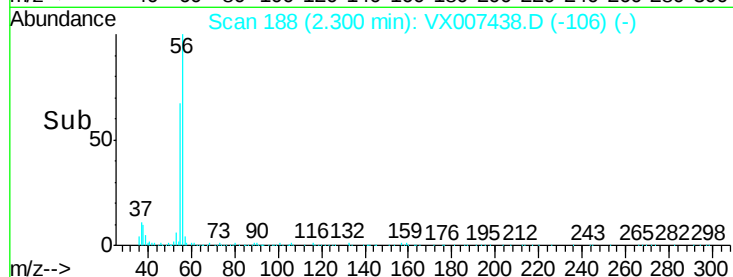
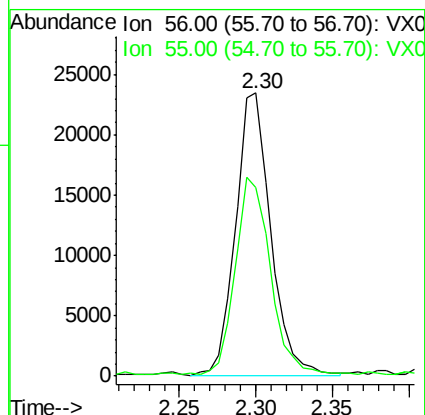
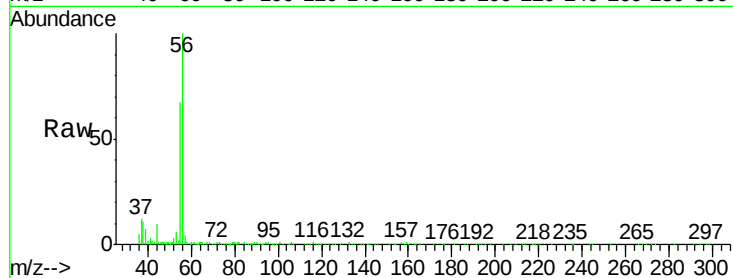
55 69.2 58.6 87.8

Manual Integrations

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#14

Acrylonitrile

Concen: 98.604 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

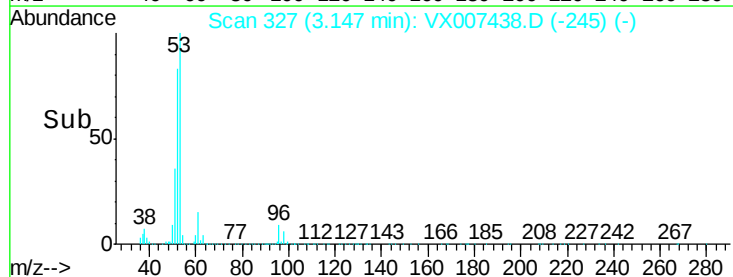
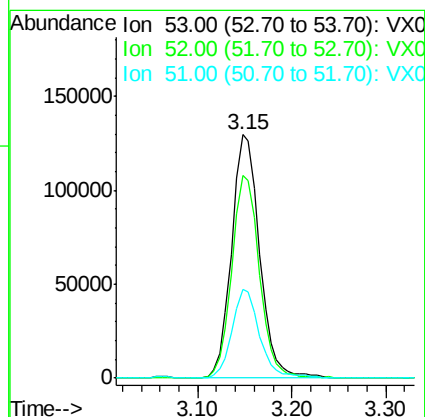
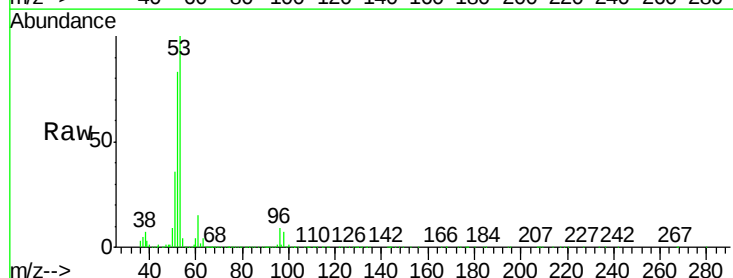
Tgt Ion: 53 Resp: 267658

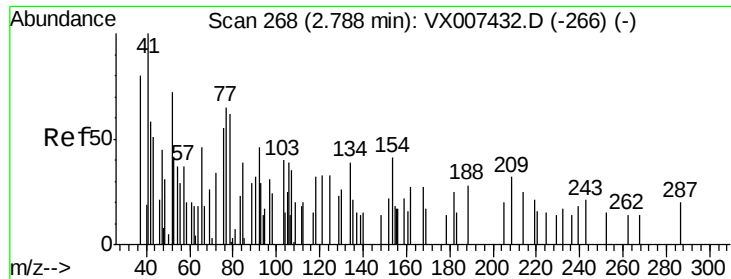
Ion Ratio Lower Upper

53 100

52 82.2 41.3 124.1

51 34.9 17.9 53.8





#15

Acetone

Concen: 98.188 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tot Ion: 58 Resp: 75758

Ion Ratio Lower Upper

58 100

43 322.0 265.9 398.9

Instrument :

MSVOA_X

ClientSampleId :

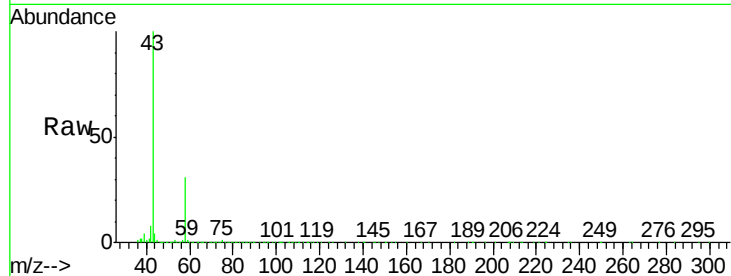
VX0208WBS01

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

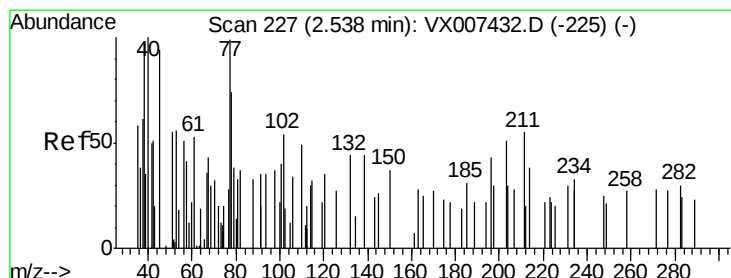
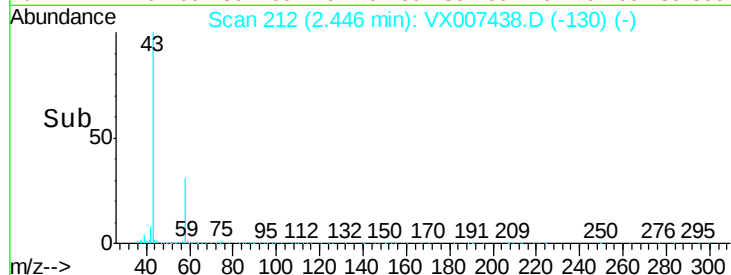
100000

50000

0

2.40 2.45 2.50 2.55

Time-->



#16

Carbon Disulfide

Concen: 16.788 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007438.D

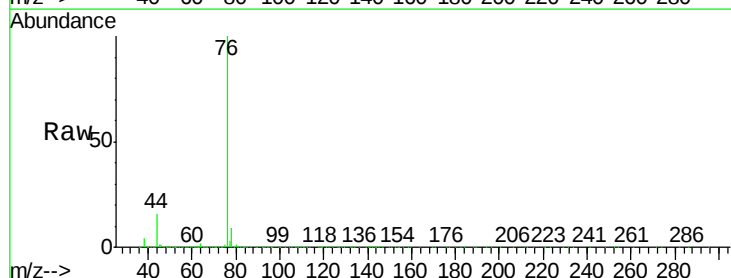
Acq: 08 Feb 2019 13:30

Tgt Ion: 76 Resp: 172335

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

120000

100000

80000

60000

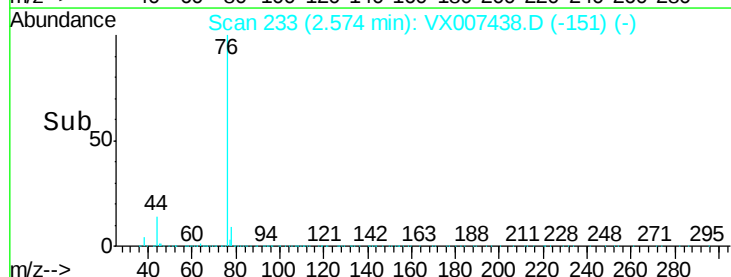
40000

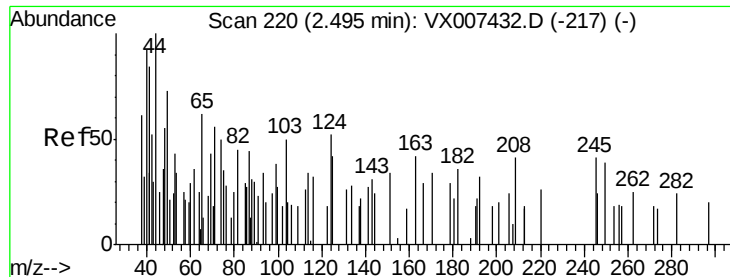
20000

0

2.50 2.55 2.60 2.65

Time-->





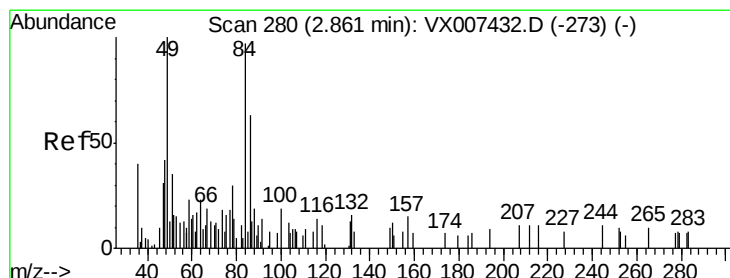
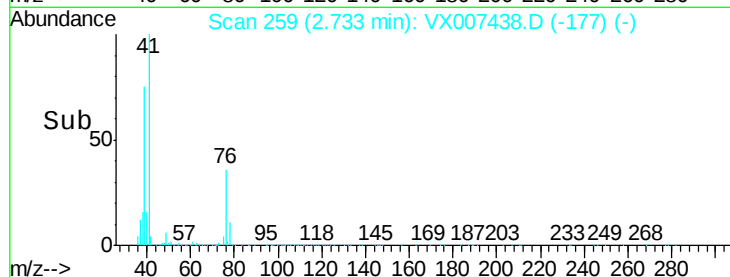
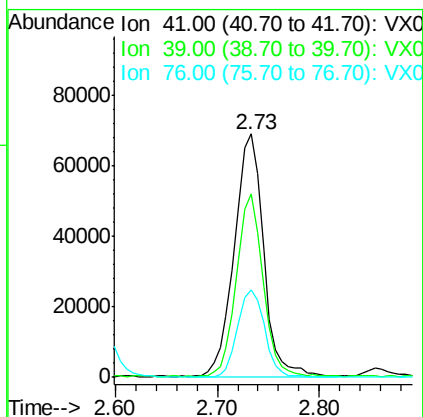
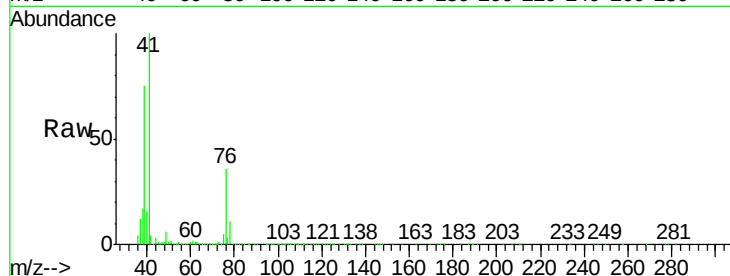
#17
Allvl chloride
Concen: 18.542 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.0	37.0	111.0
76	35.7	19.3	57.8

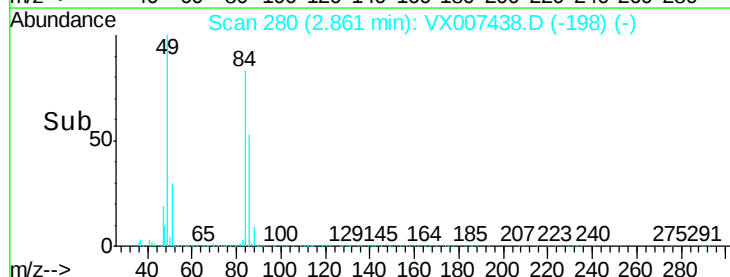
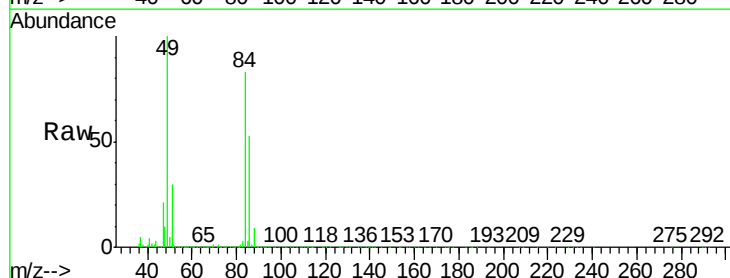
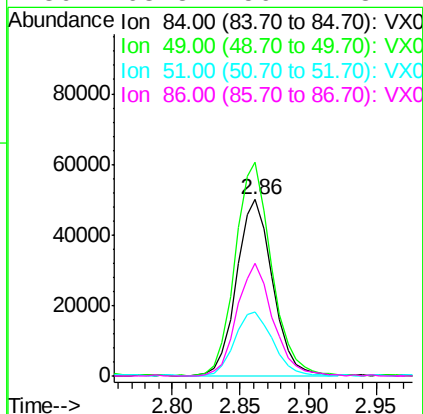
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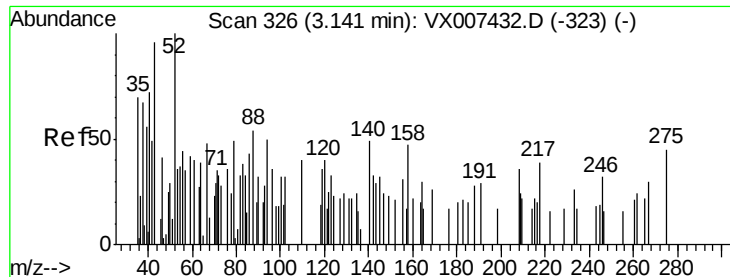
MMDadoda
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#18
Methylene Chloride
Concen: 18.867 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	98.4	147.6
51	36.2	28.9	43.3
86	63.8	56.1	84.1





#19

trans-1,2-Dichloroethene

Concen: 18.490 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 96 Resp: 85238

Ion Ratio Lower Upper

96 100

61 134.7 107.8 161.6

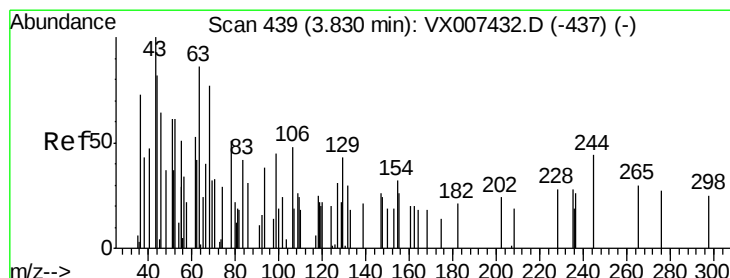
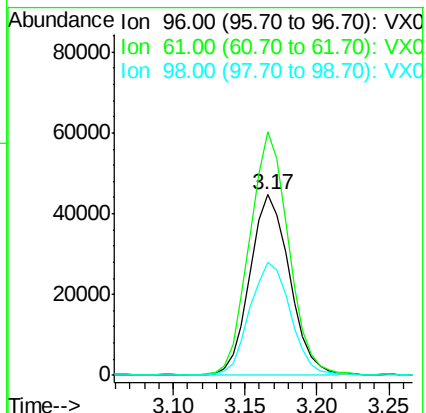
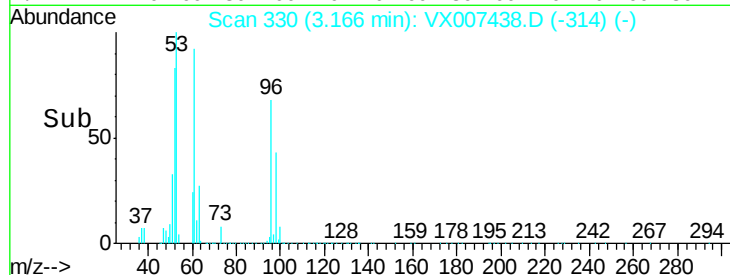
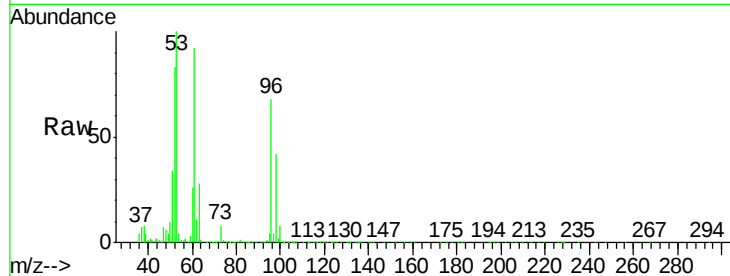
98 62.3 54.9 82.3

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#20

Diisopropyl ether

Concen: 19.343 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion: 45 Resp: 266570

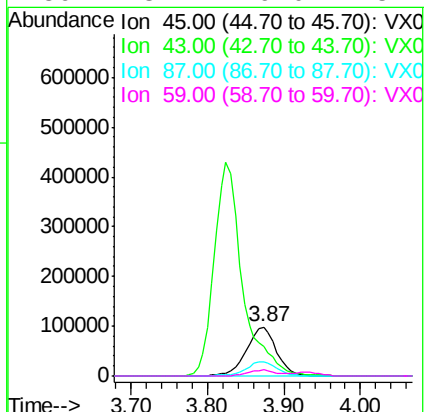
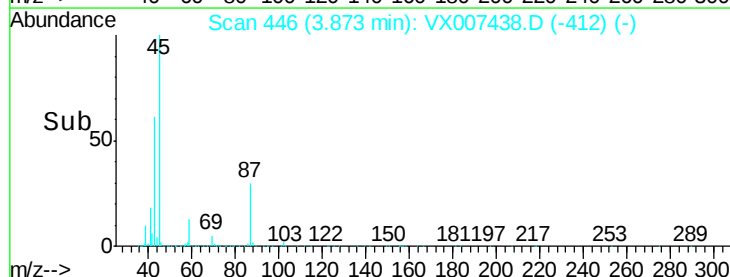
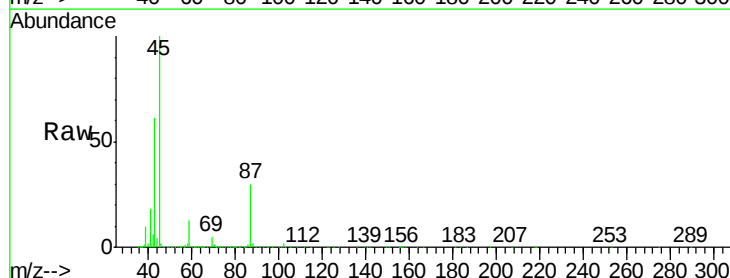
Ion Ratio Lower Upper

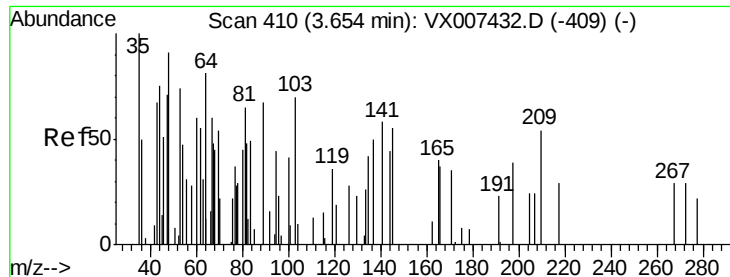
45 100

43 60.2 53.1 79.7

87 30.2 23.7 35.5

59 13.1 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.610 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

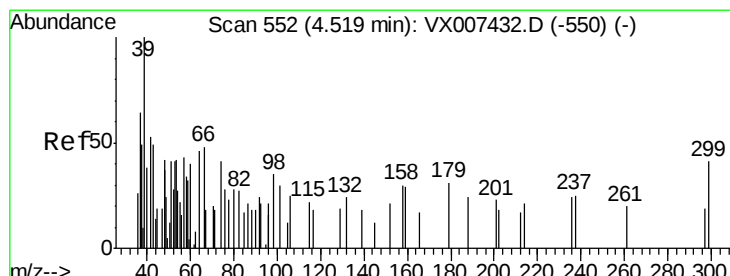
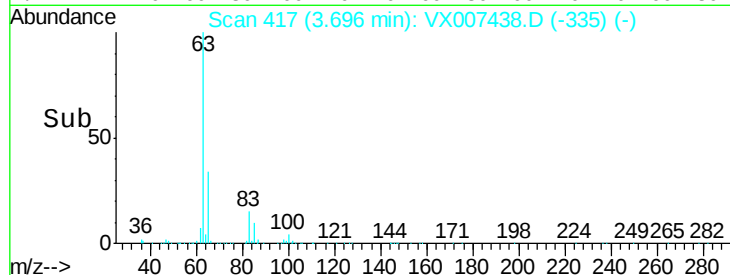
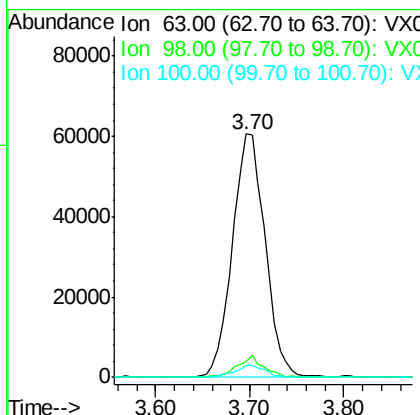
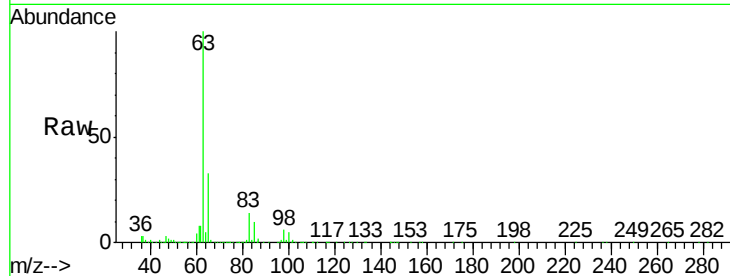
ClientSampleId :

VX0208WBS01

Tot Ion:	63	Resp:	146477
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.9
100	4.8	2.1	6.2

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#22

cis-1,2-Dichloroethene

Concen: 19.033 ug/l

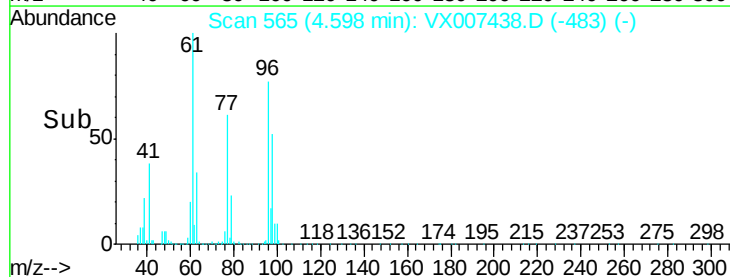
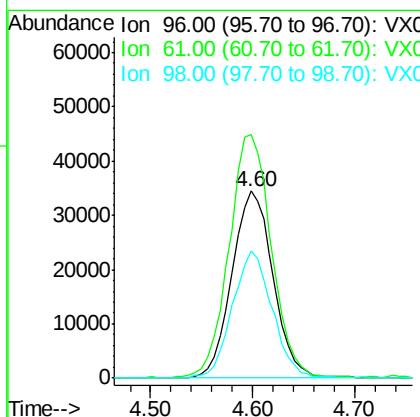
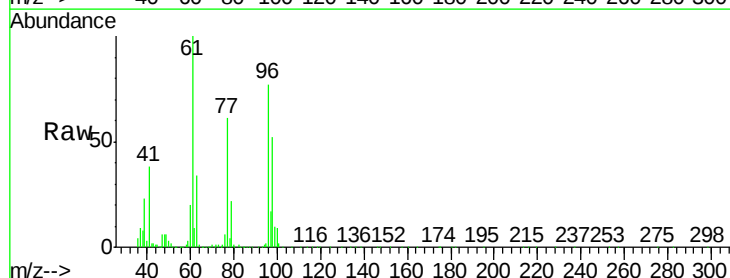
RT: 4.60 min Scan# 565

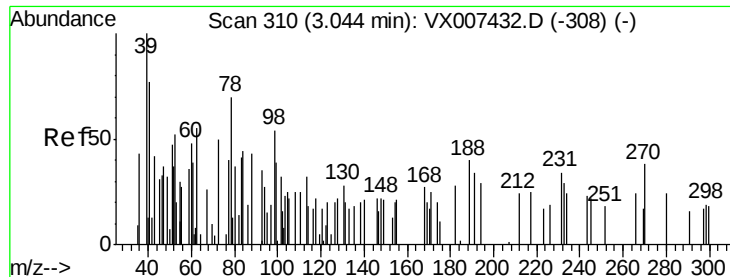
Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion:	96	Resp:	96491
Ion Ratio	Lower	Upper	
96	100		
61	134.9	108.1	162.1
98	65.6	51.9	77.9





#23

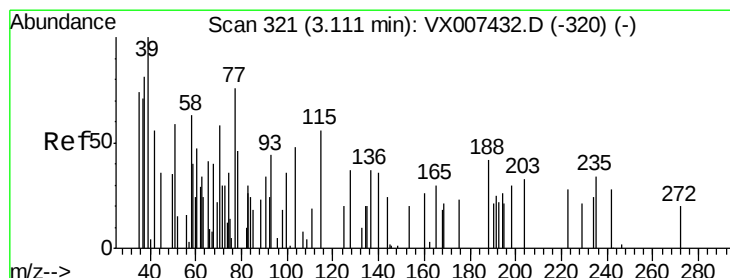
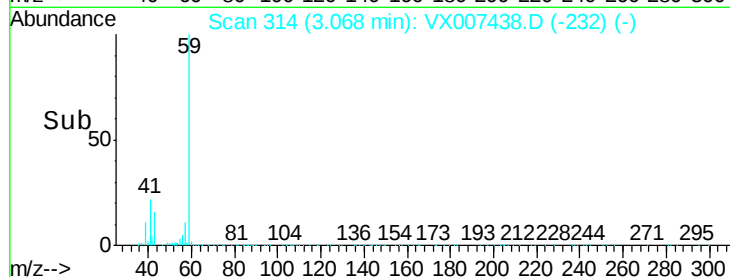
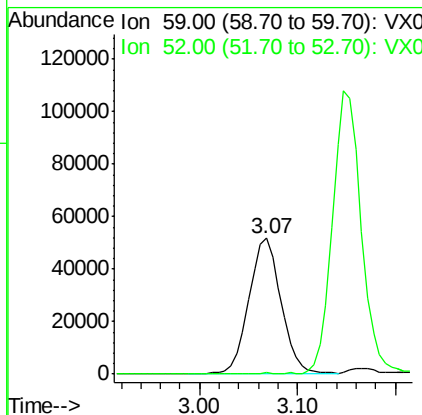
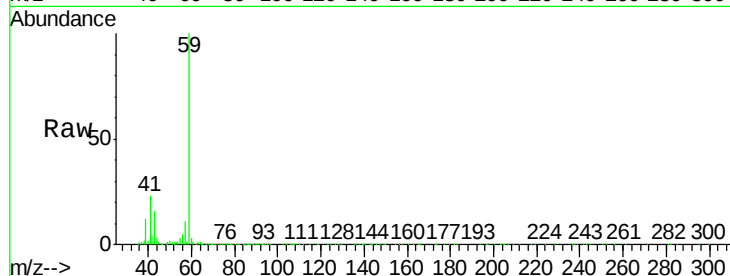
tert-Butyl Alcohol
 Concen: 104.260 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion: 59 Resp: 118934
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

Manual Integrations
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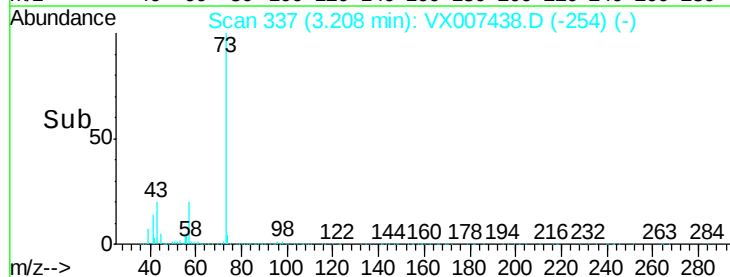
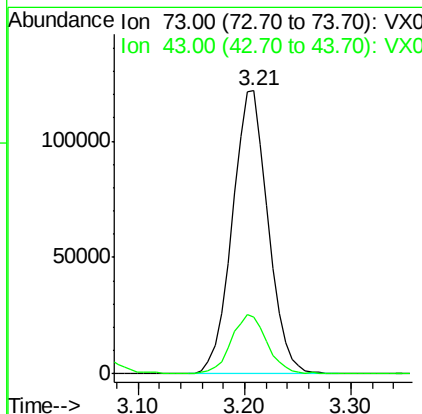
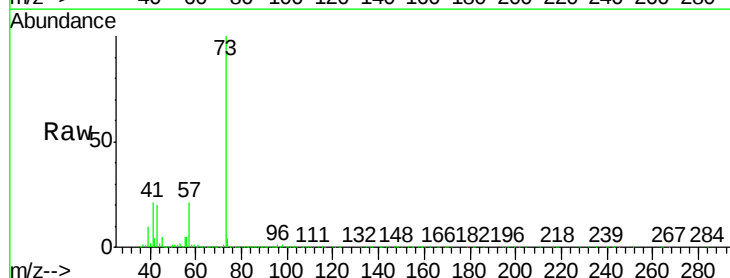
MMDadoda
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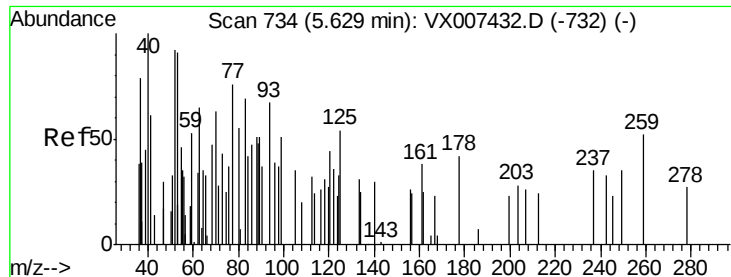


#24

Methyl tert-Butyl Ether
 Concen: 19.230 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion: 73 Resp: 286757
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.2 24.4





#25

Chloroform

Concen: 19.241 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 83 Resp: 156526

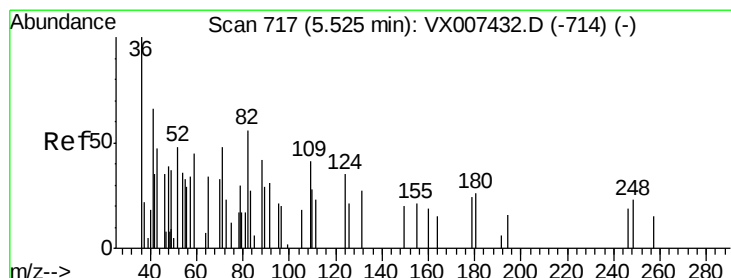
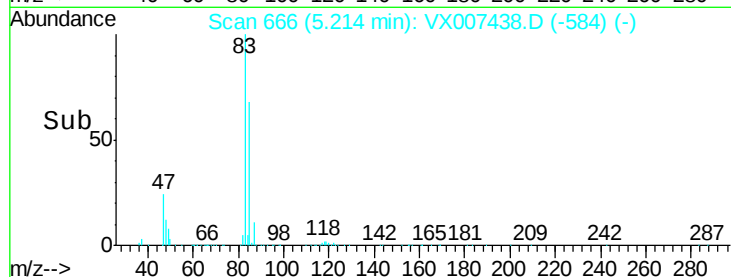
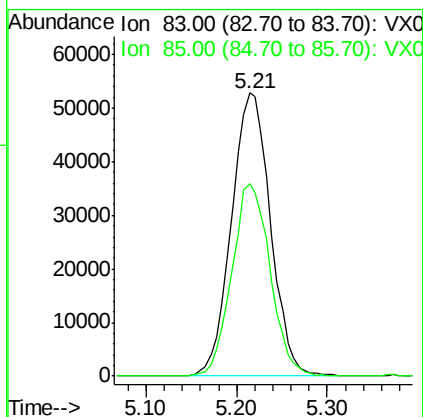
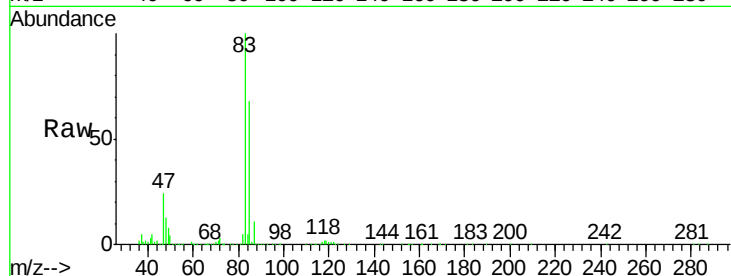
Ion Ratio Lower Upper

83 100

85 67.9 51.9 77.9

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2/11/2019 9:37:22 AM



#26

Cyclohexane

Concen: 18.064 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

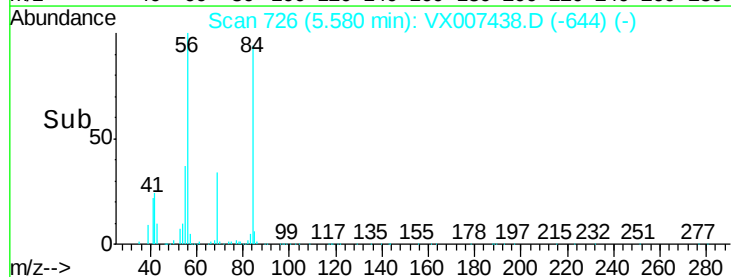
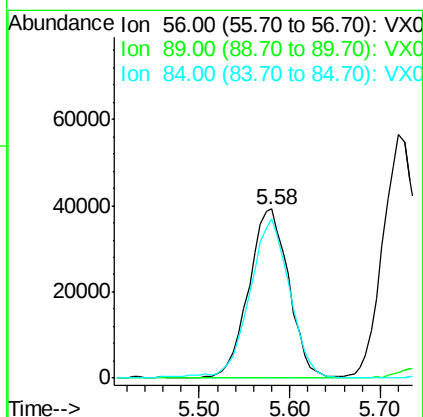
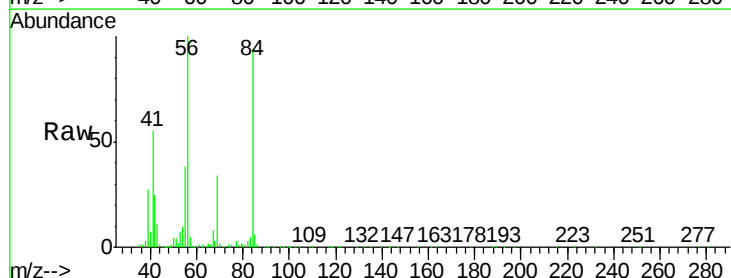
Tgt Ion: 56 Resp: 119747

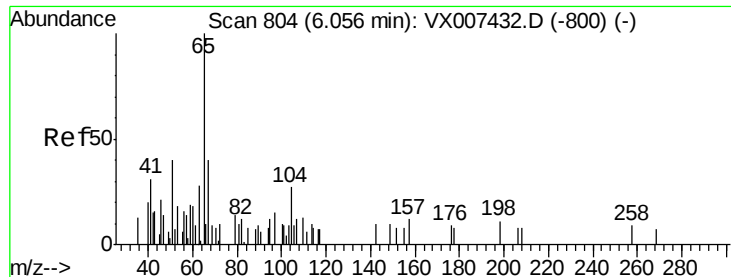
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 92.4 74.2 111.2





#27

1,2-Dichloroethane-d4

Concen: 29.289 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 65 Resp: 158589

Ion Ratio Lower Upper

65 100

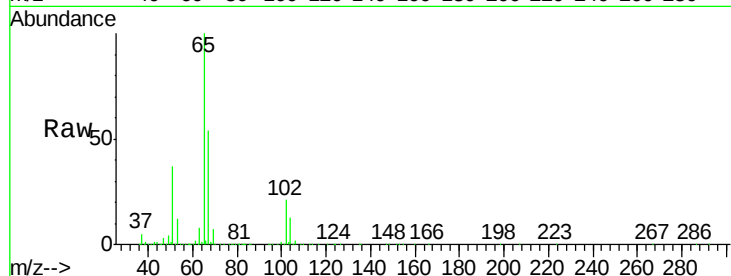
67 53.6 42.0 63.0

Manual Integrations

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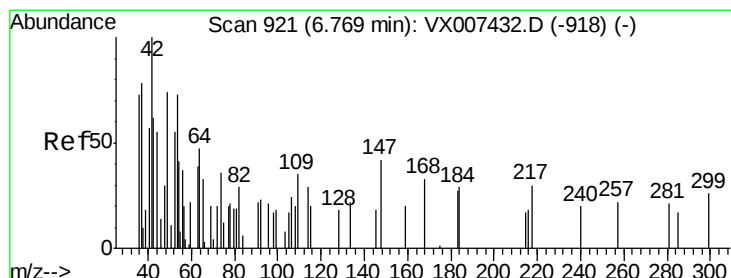
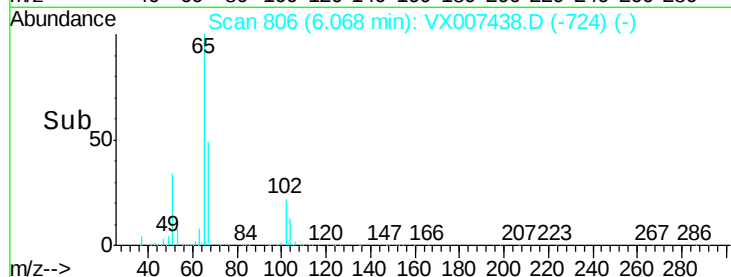
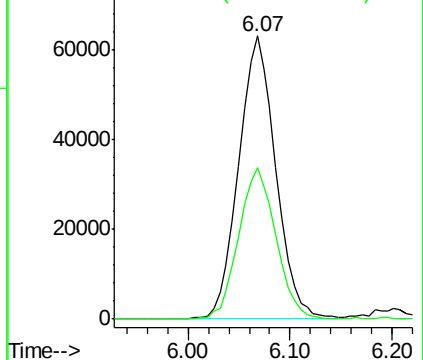
MMDadoda

2/11/2019 9:37:22 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

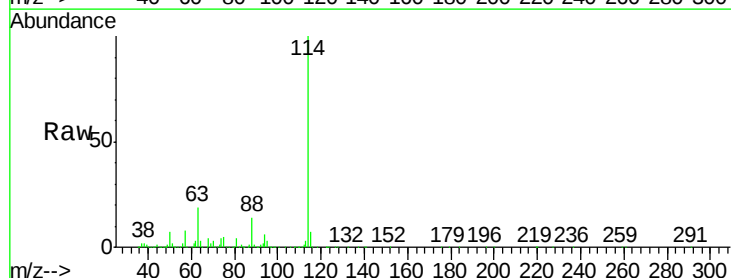
Tgt Ion: 114 Resp: 435457

Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

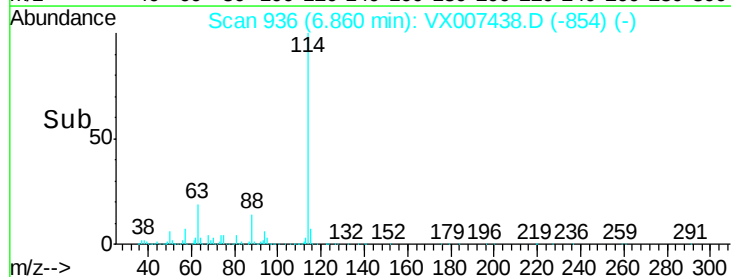
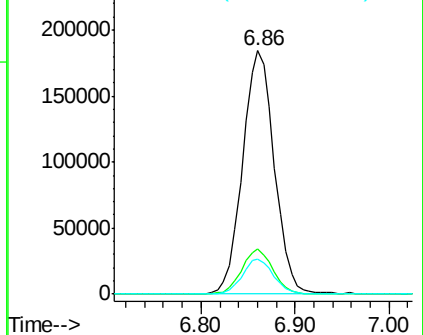
88 14.3 11.8 17.6

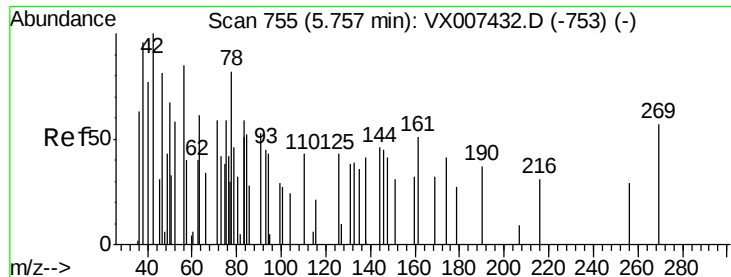


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





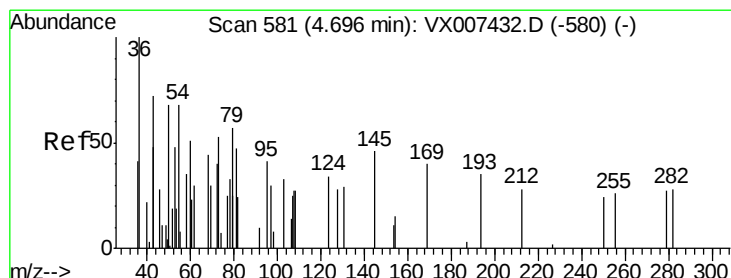
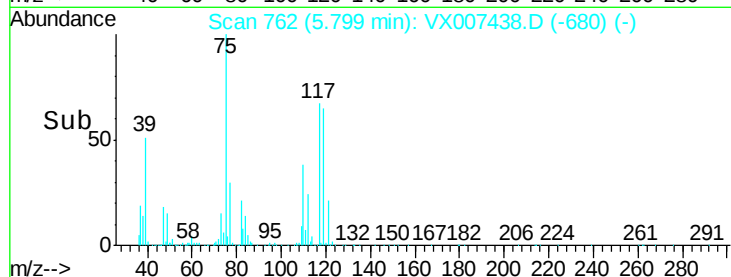
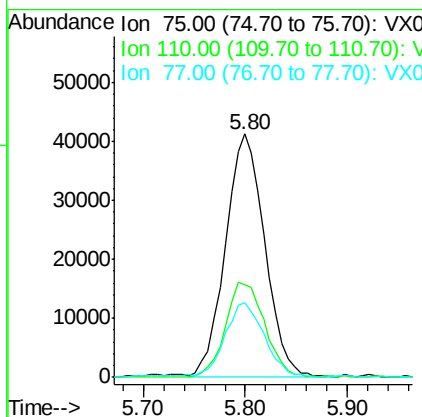
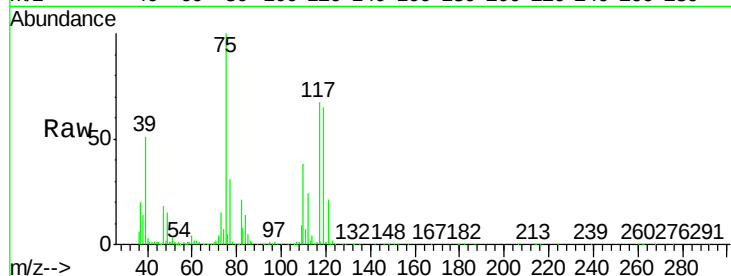
#29
 1,1-Dichloropropene
 Concen: 19.413 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	39.1	0.0	78.8
77	30.7	0.0	61.8

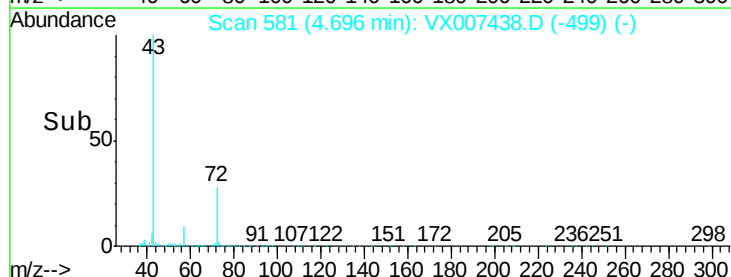
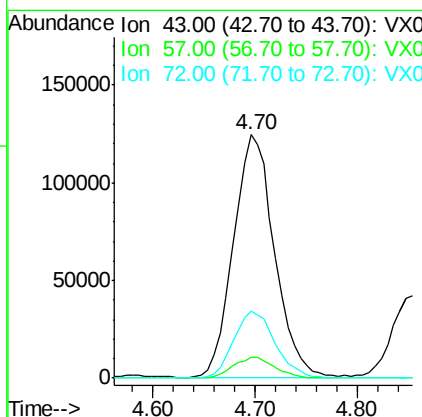
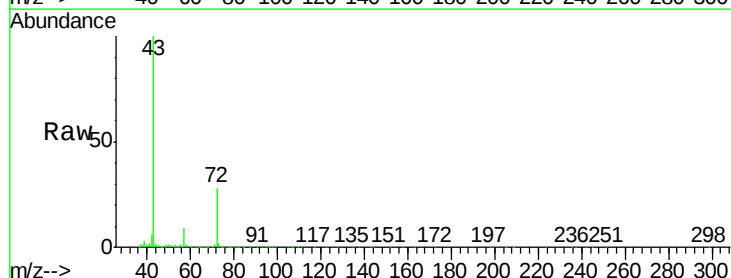
Manual Integrations
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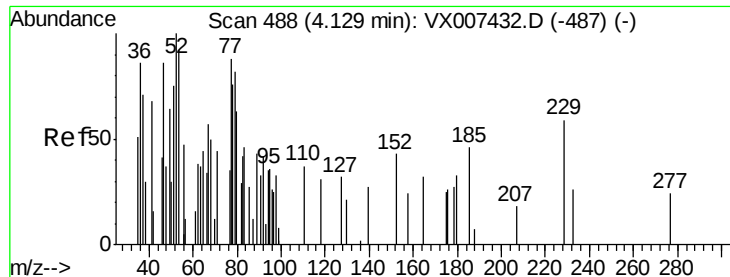
MMDadoda
 2/11/2019 9:37:22 AM



#30
 2-Butanone
 Concen: 102.252 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.5	3.3	4.9#
72	27.8	22.0	33.0





#31

2,2-Dichloropropane

Concen: 19.402 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tot Ion: 77 Resp: 111273

Ion Ratio Lower Upper

77 100

97 24.4 19.8 29.8

Instrument :

MSVOA_X

ClientSampleId :

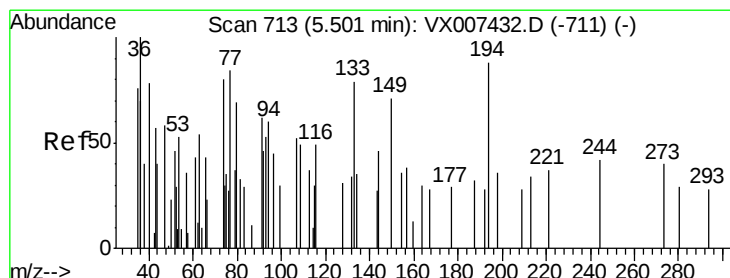
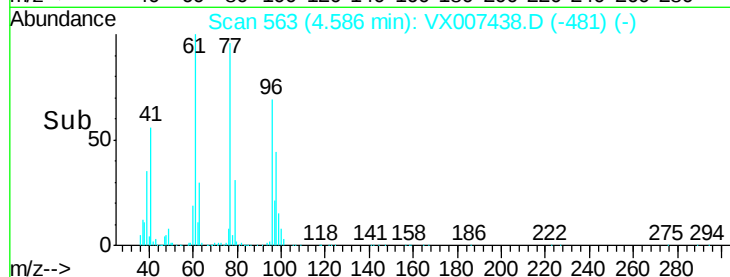
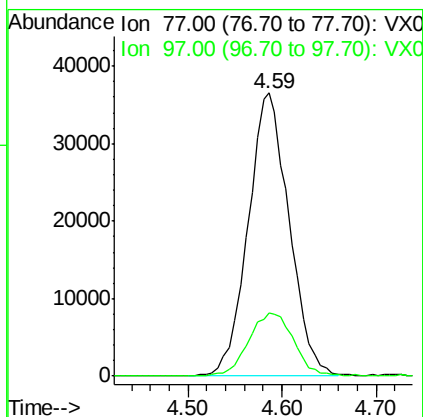
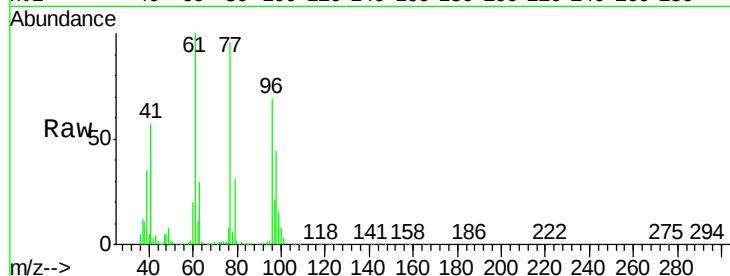
VX0208WBS01

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.569 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

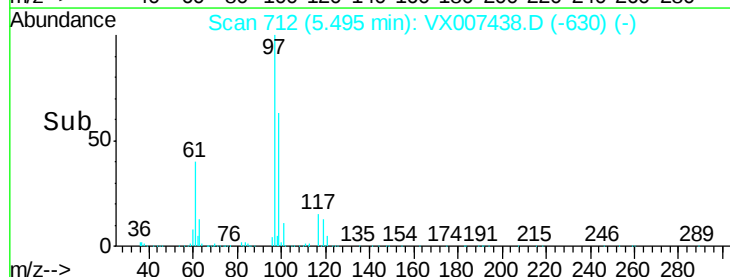
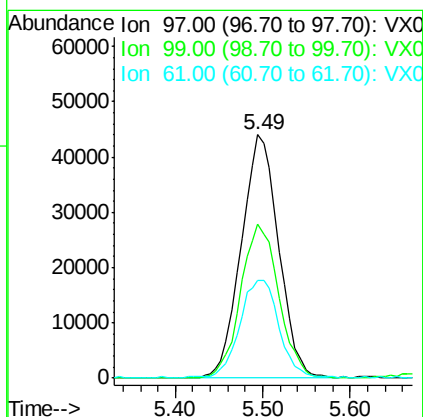
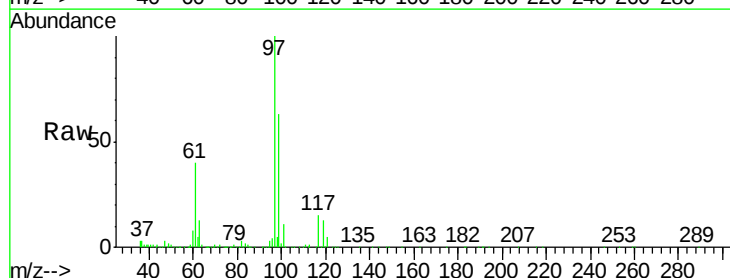
Tgt Ion: 97 Resp: 131285

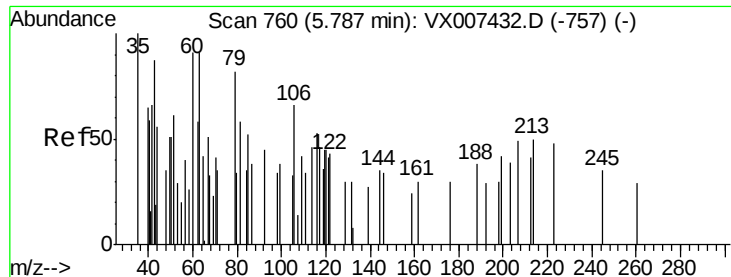
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 42.1 33.6 50.4





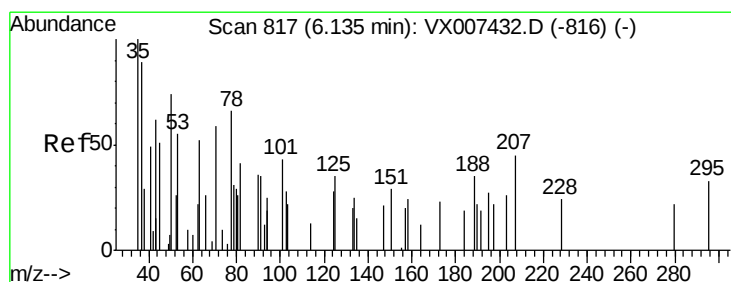
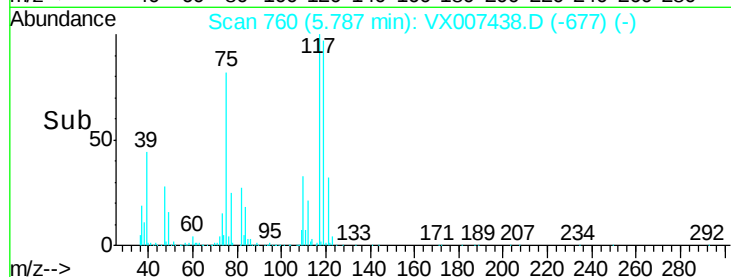
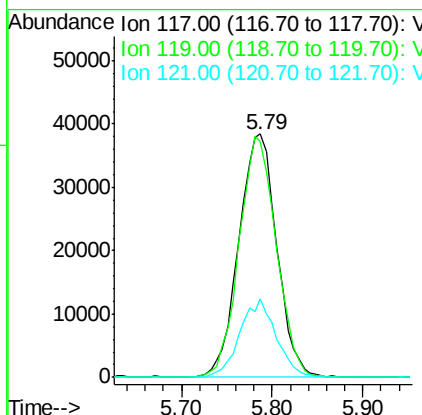
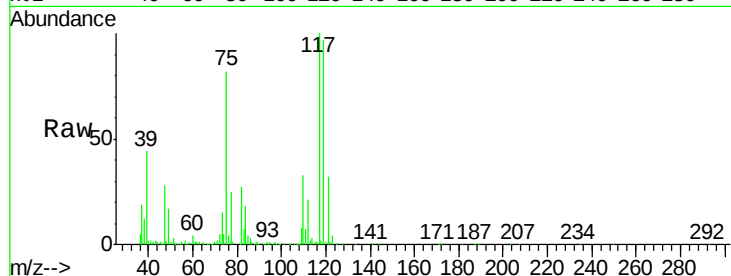
#33
Carbon Tetrachloride
Concen: 18.993 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.5	110.3
121	32.0	24.6	37.0

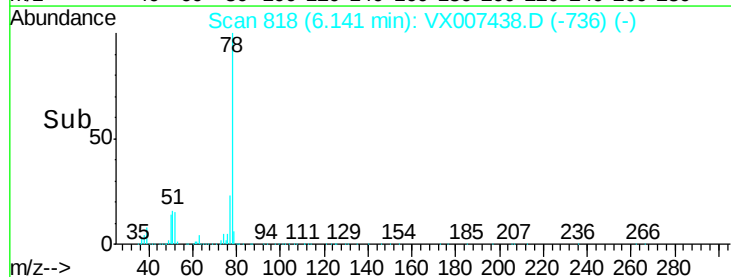
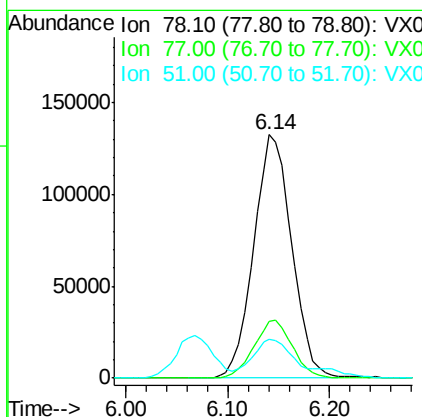
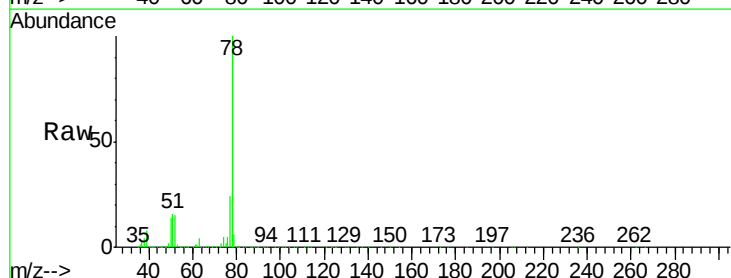
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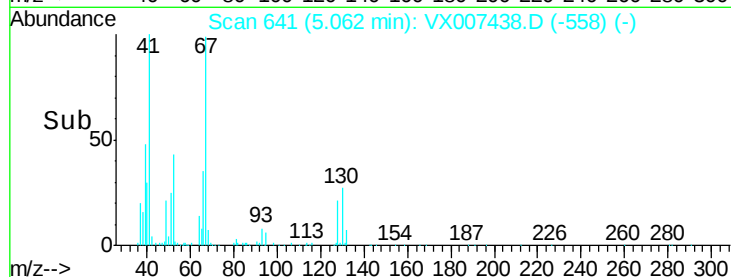
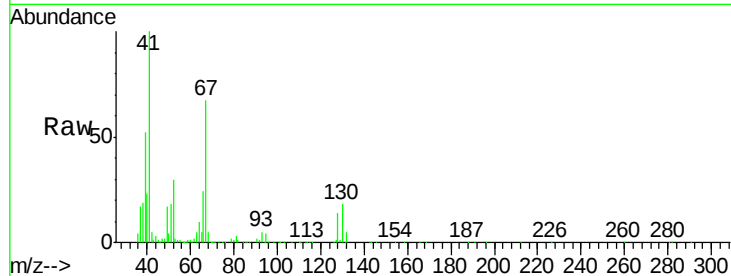
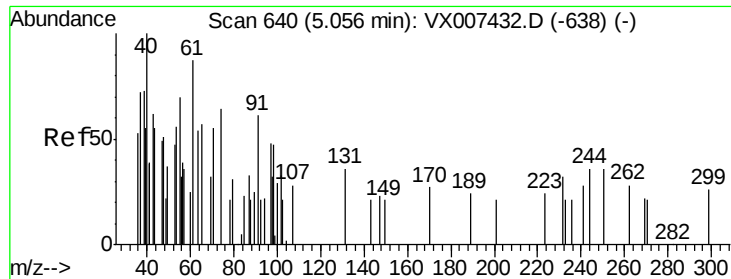
MMDadoda
2/11/2019 9:37:22 AM



#34
Benzene
Concen: 19.576 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

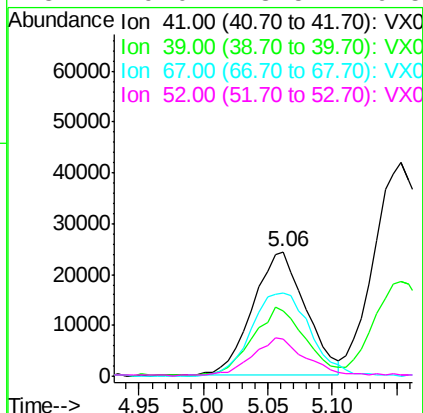
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7
51	12.9	12.4	18.6





#35
Methacrylonitrile
Concen: 20.109 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

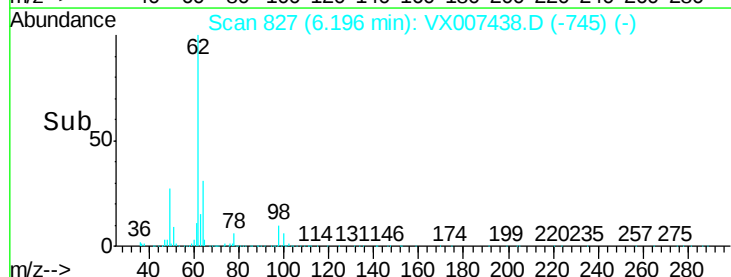
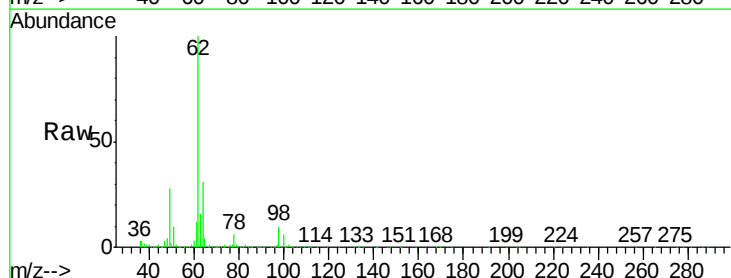
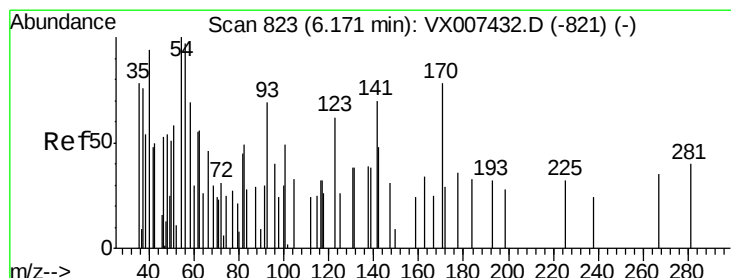
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.0	27.5	82.4
67	67.3	34.8	104.3
52	29.0	13.5	40.5



Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

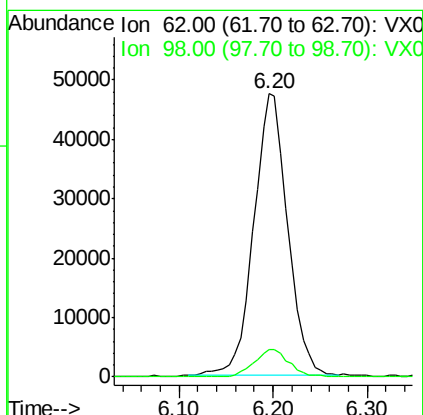
Manual Integrations
APPROVED

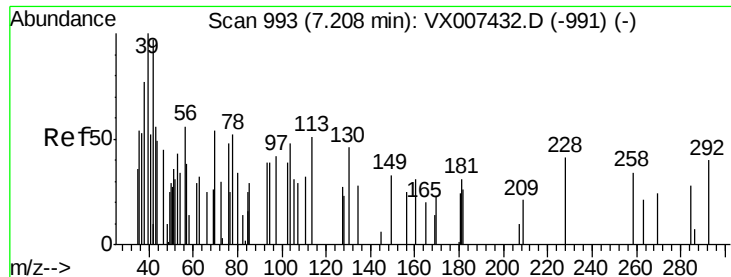
MMDadoda
2/11/2019 9:37:22 AM



#36
1,2-Dichloroethane
Concen: 19.897 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.1	12.1





#37

Trichloroethene

Concen: 19.057 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion:130 Resp: 98387

Ion Ratio Lower Upper

130 100

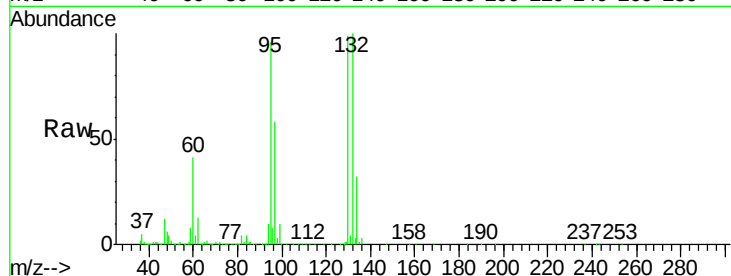
95 96.4 73.7 110.5

Manual Integrations

APPROVED

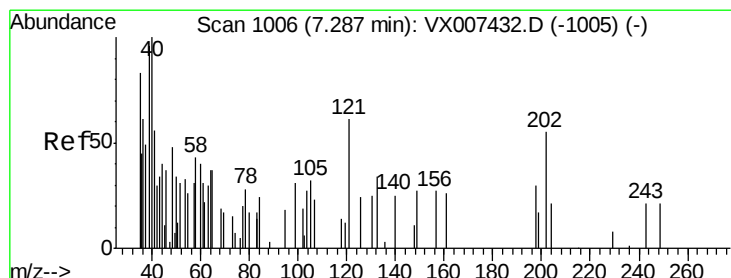
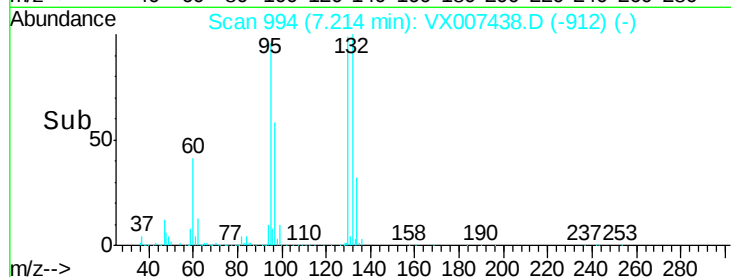
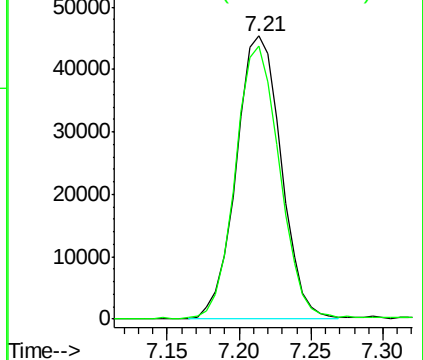
MMDadoda

2/11/2019 9:37:22 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.922 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

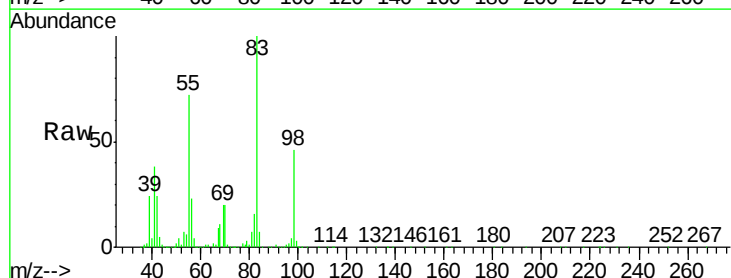
Tgt Ion: 83 Resp: 128938

Ion Ratio Lower Upper

83 100

55 73.8 36.6 109.8

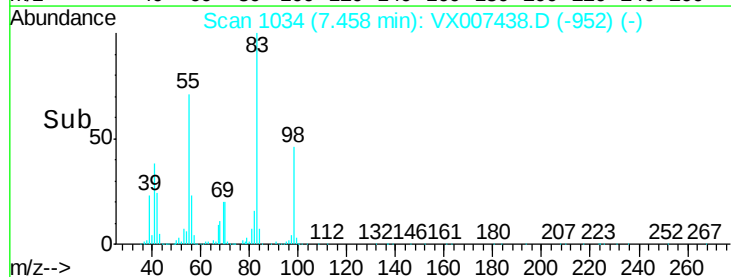
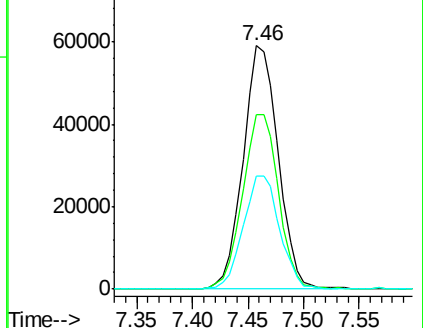
98 48.6 24.1 72.4

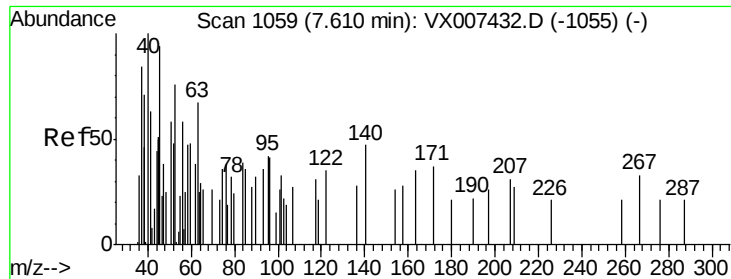


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





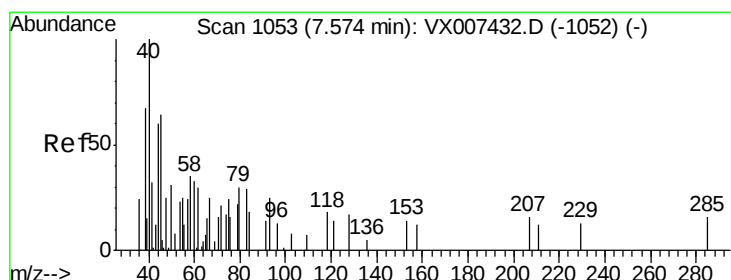
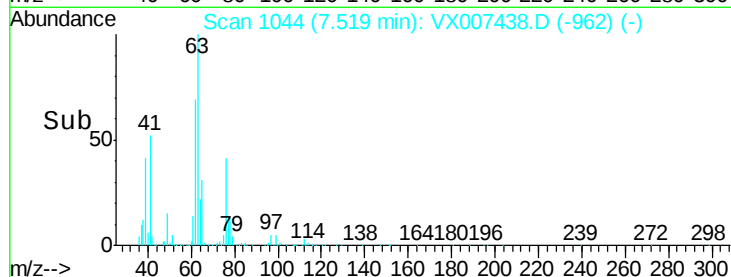
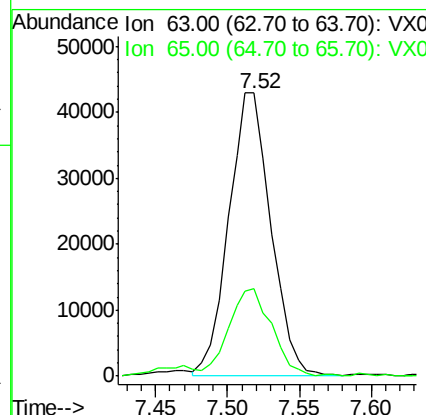
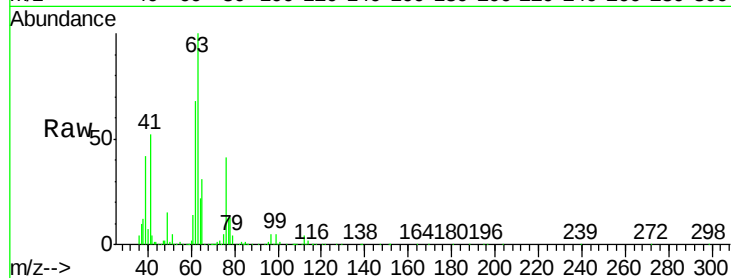
#39
 1,2-Dichloropropane
 Concen: 19.884 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion: 63 Resp: 87315
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

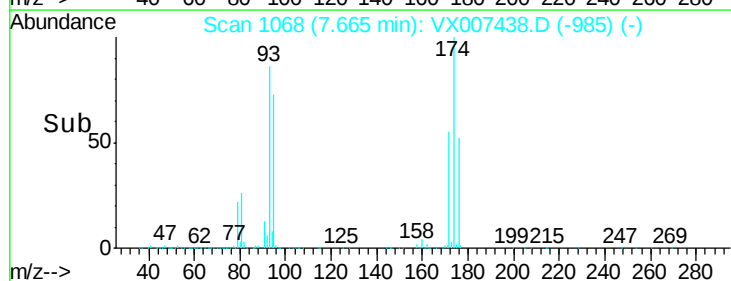
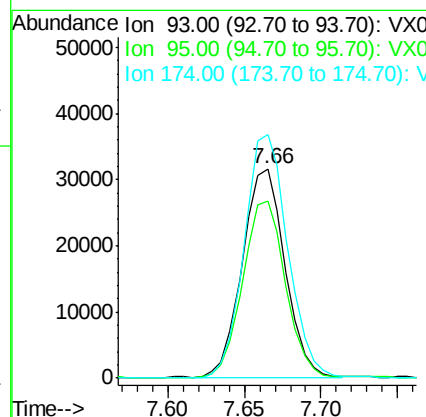
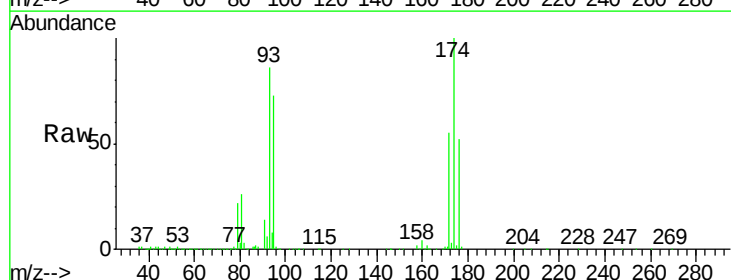
Manual Integrations
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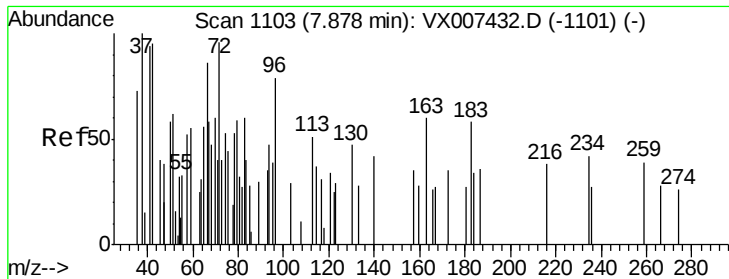
MMDadoda
 2/11/2019 9:37:22 AM



#40
 Dibromomethane
 Concen: 19.550 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion: 93 Resp: 61840
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 172.4
 174 118.3 0.0 233.0





#41

Bromodichloromethane

Concen: 18.984 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

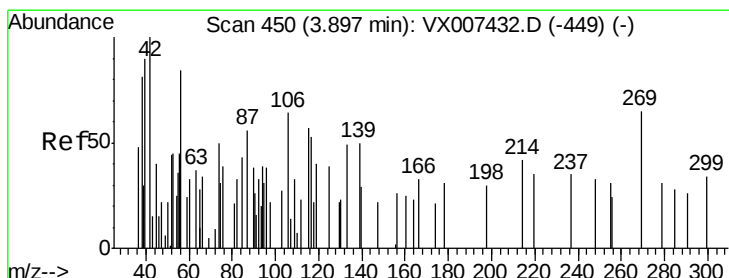
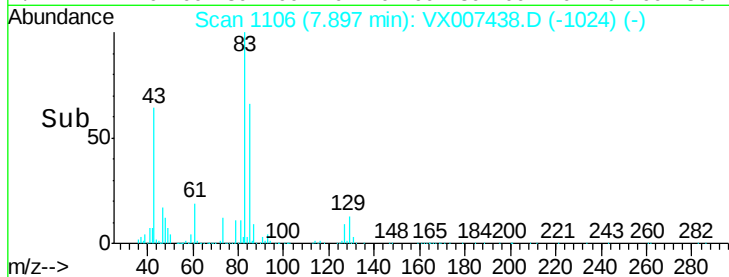
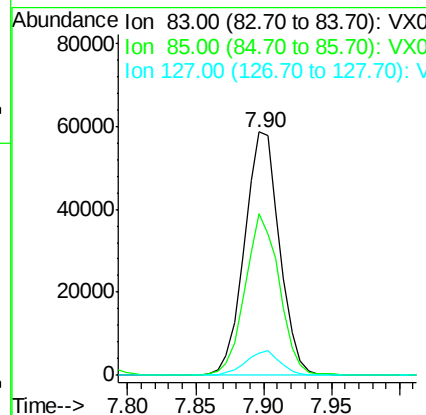
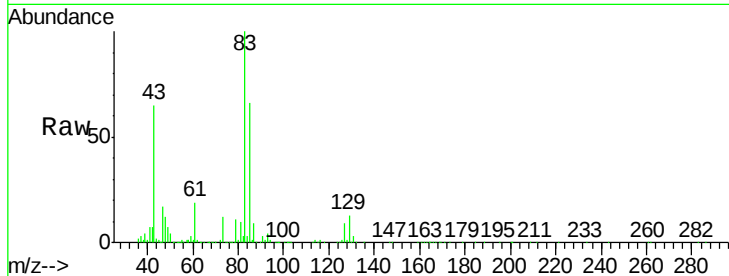
ClientSampleId :

VX0208WBS01

Tot Ion:	83	Resp:	105386
Ion Ratio	Lower	Upper	
83	100		
85	66.2	48.2	72.2
127	9.1	8.3	12.5

Manual Integrations
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MMDadoda
2/11/2019 9:37:22 AM



#42

Vinyl Acetate

Concen: 96.153 ug/l

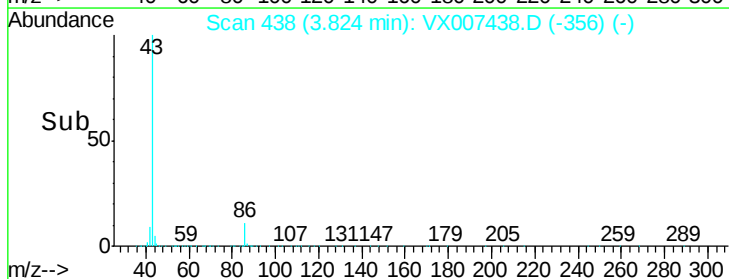
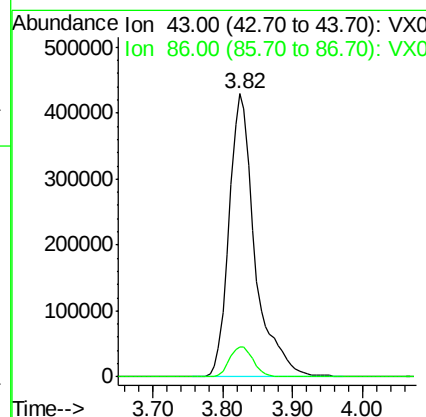
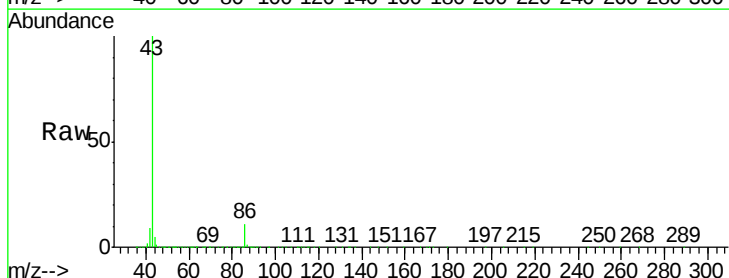
RT: 3.82 min Scan# 438

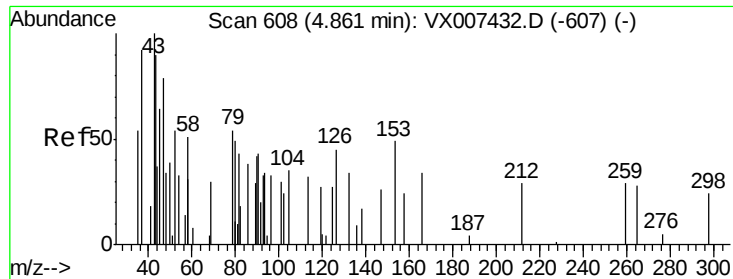
Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion:	43	Resp:	1105787
Ion Ratio	Lower	Upper	
43	100		
86	9.7	8.0	12.0





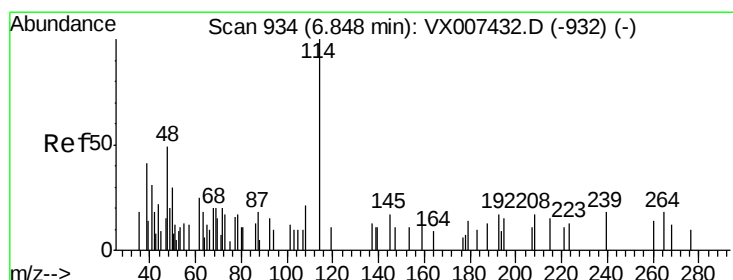
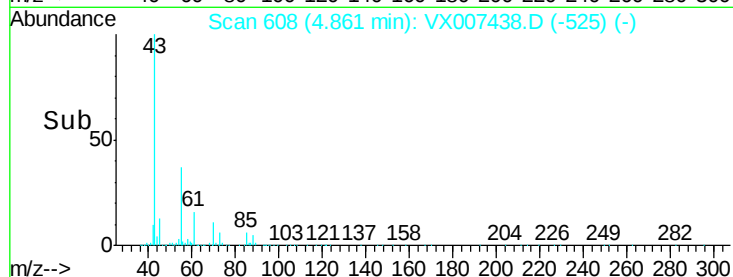
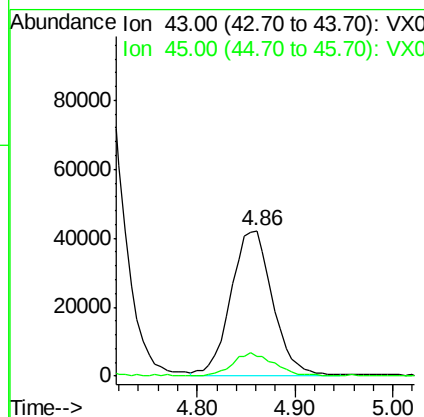
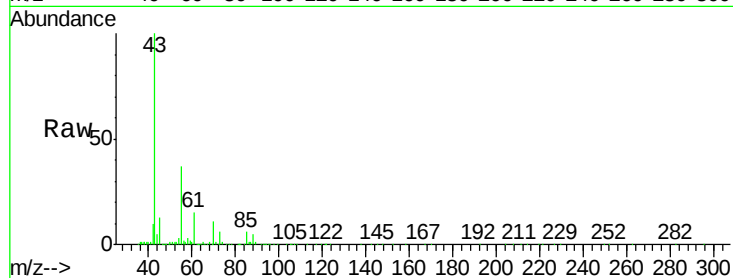
#43
Ethyl Acetate
Concen: 19.732 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion: 43 Resp: 124883
Ion Ratio Lower Upper
43 100
45 15.5 11.7 17.5

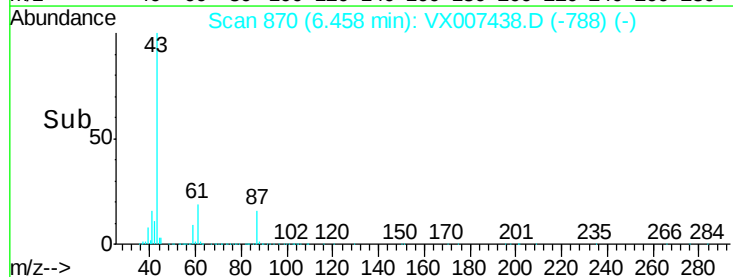
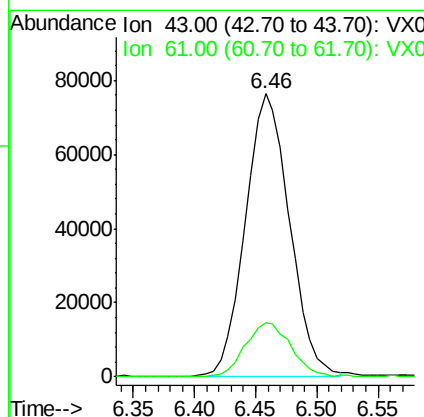
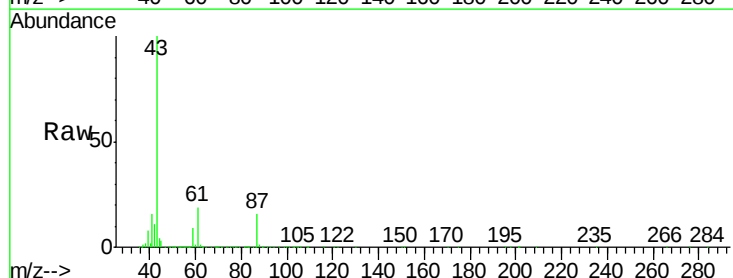
Manual Integrations
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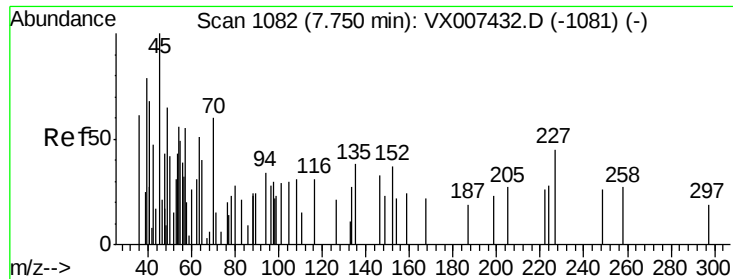
MMDadoda
2/11/2019 9:37:22 AM



#44
Isopropyl Acetate
Concen: 19.349 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 43 Resp: 191264
Ion Ratio Lower Upper
43 100
61 19.9 16.8 25.2





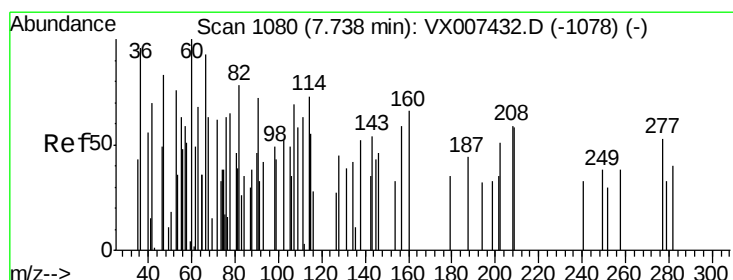
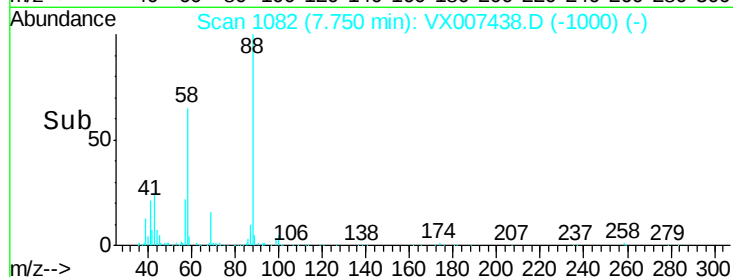
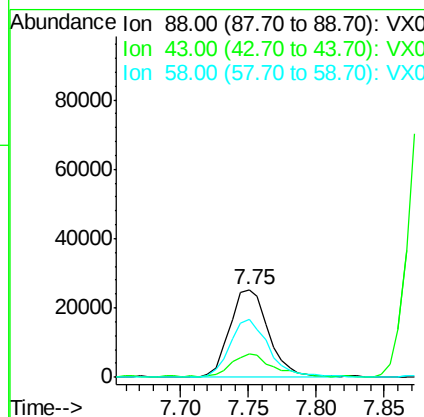
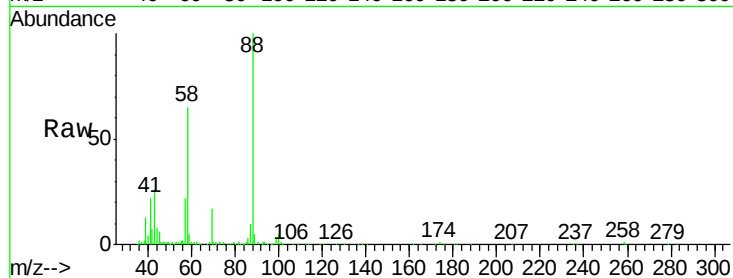
#45
 1,4-Dioxane
 Concen: 419.549 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	88	Resp	50256
Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.5	35.3
58	65.7	51.6	77.4

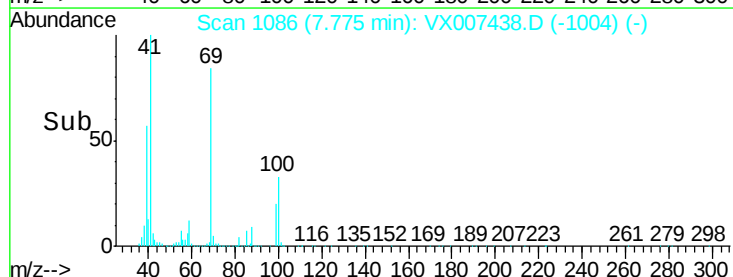
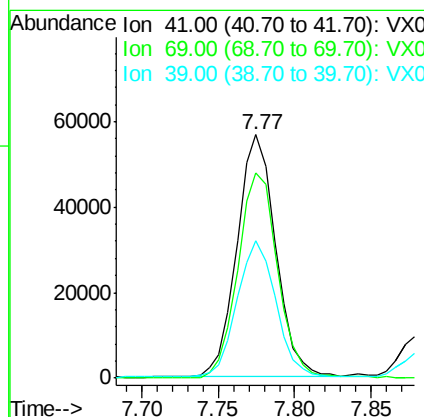
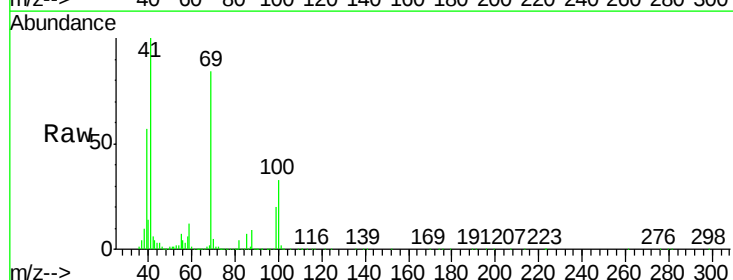
Manual Integrations
 APPROVED

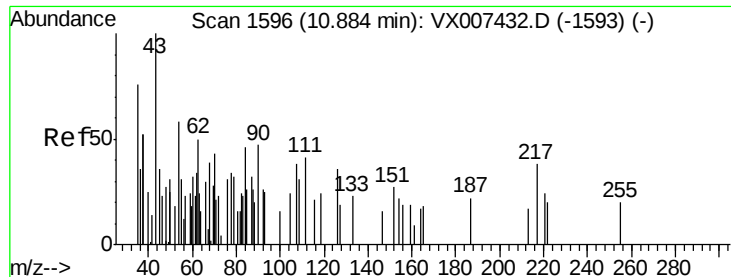
MMDadoda
 2/11/2019 9:37:22 AM



#46
 Methyl methacrylate
 Concen: 19.740 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	41	Resp	99775
Ion	Ratio	Lower	Upper
41	100		
69	84.5	43.0	129.2
39	56.3	29.4	88.2





#47

n-amvl Acetate

Concen: 19.068 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 43 Resp: 165735

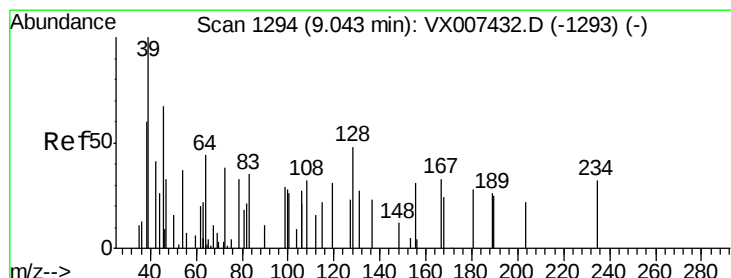
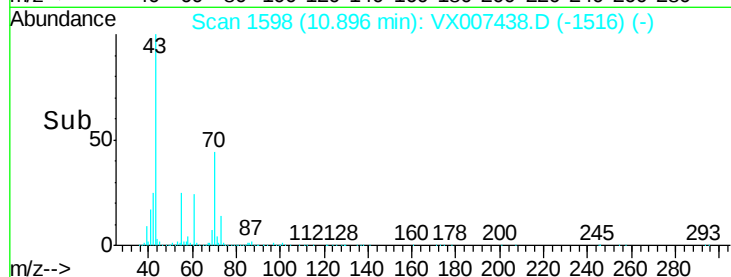
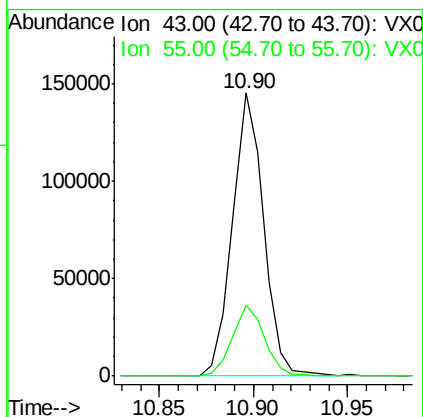
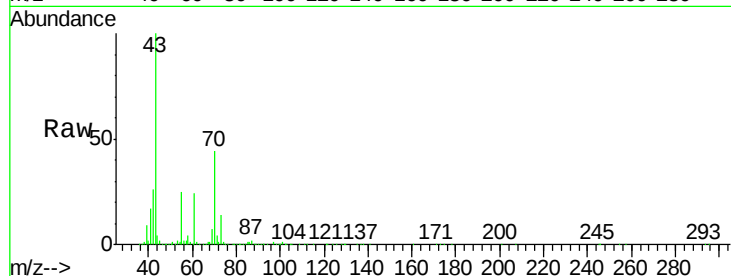
Ion Ratio Lower Upper

43 100

55 26.0 19.9 29.9

Manual Integrations
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MMDadoda
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#48

t-1,3-Dichloropropene

Concen: 18.345 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007438.D

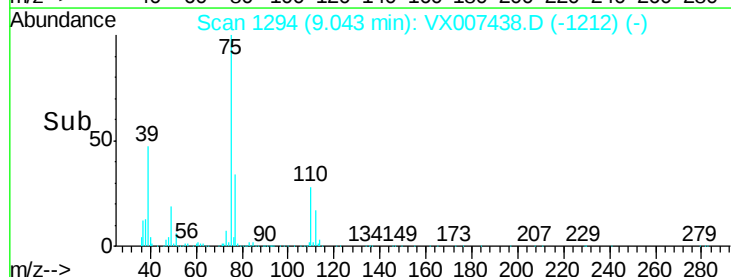
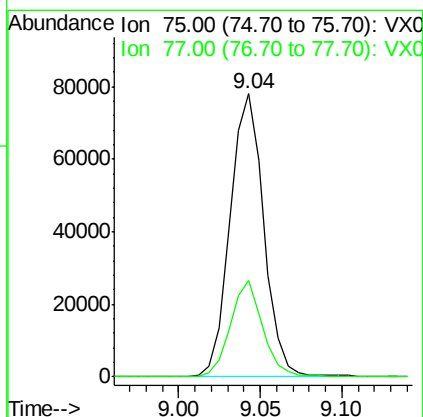
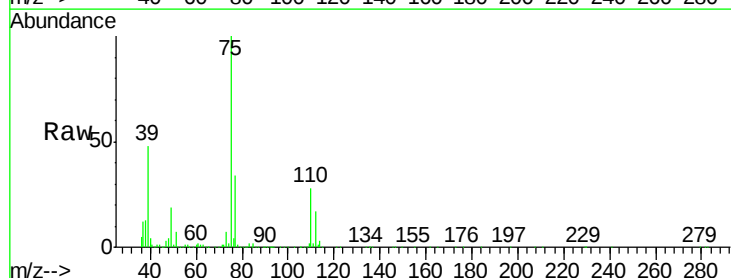
Acq: 08 Feb 2019 13:30

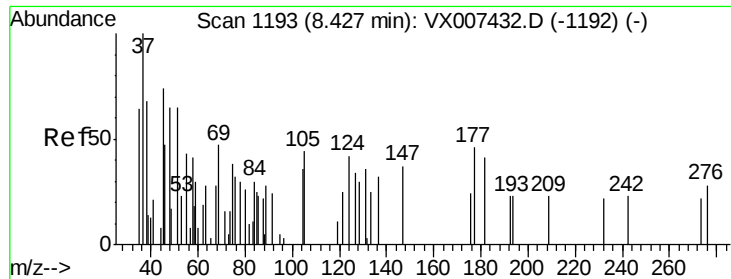
Tgt Ion: 75 Resp: 111072

Ion Ratio Lower Upper

75 100

77 33.8 26.7 40.1





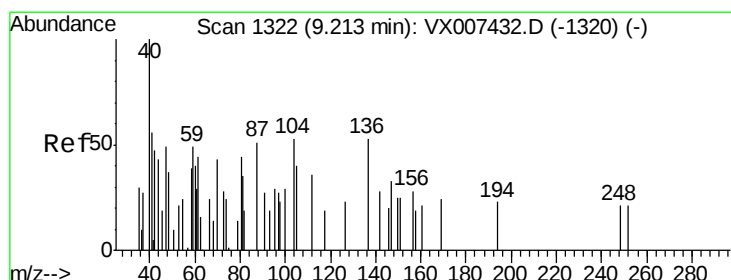
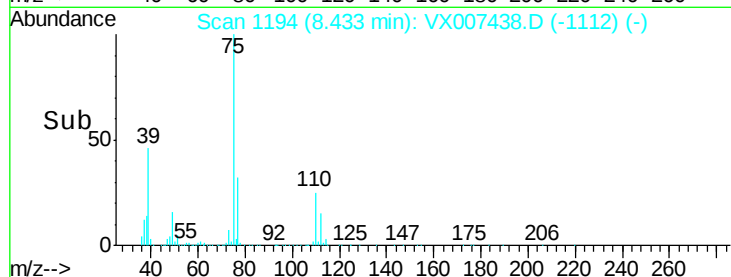
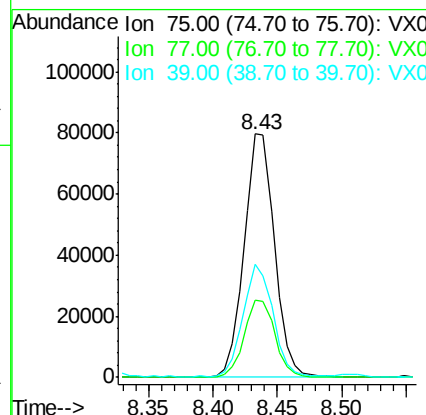
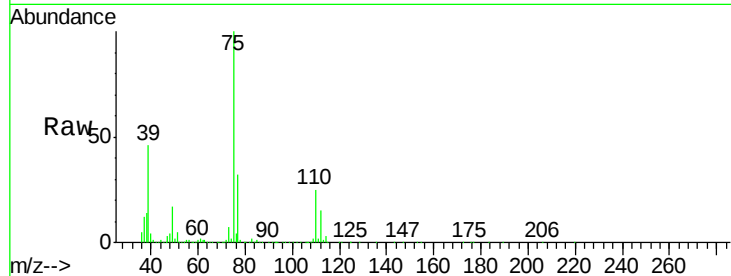
#49
 cis-1,3-Dichloropropene
 Concen: 19.224 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	46.1	37.2	55.8

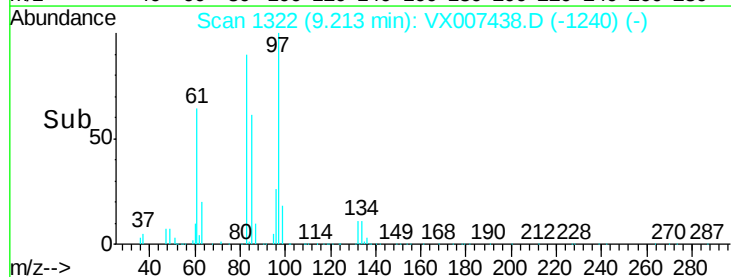
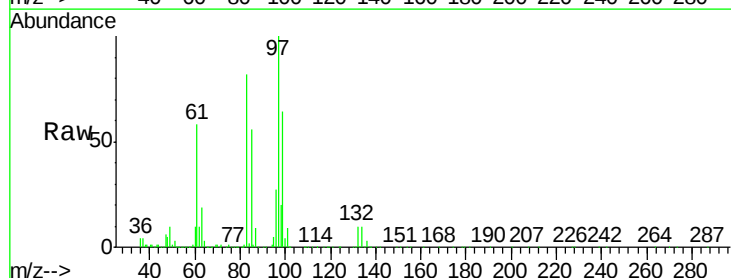
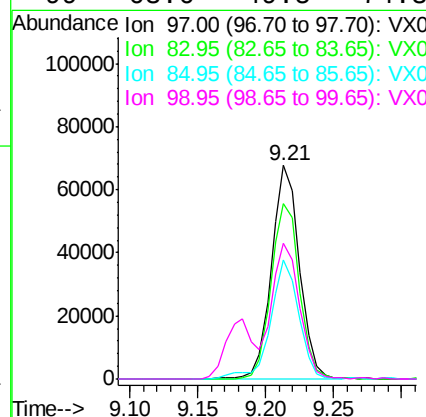
Manual Integrations
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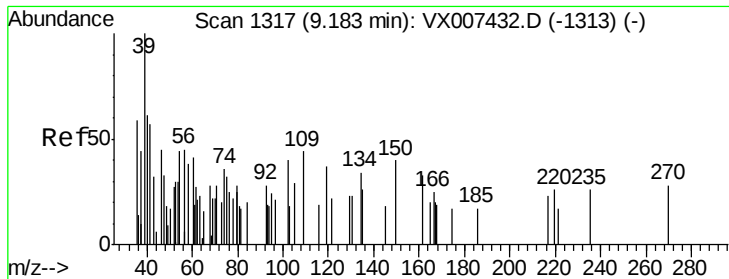
MMDadoda
 2/11/2019 9:37:22 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.572 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	62.5	93.7
85	55.3	41.8	62.6
99	63.6	49.5	74.3





#51

Ethyl methacrylate

Concen: 19.828 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 69 Resp: 134503

Ion Ratio Lower Upper

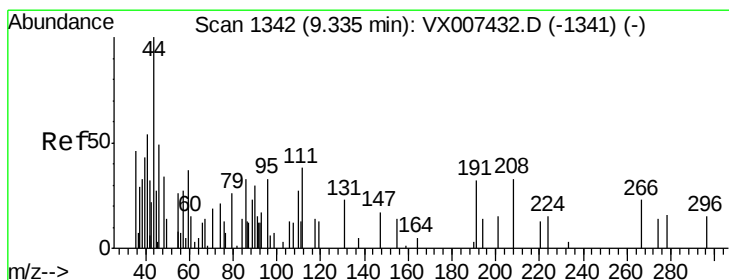
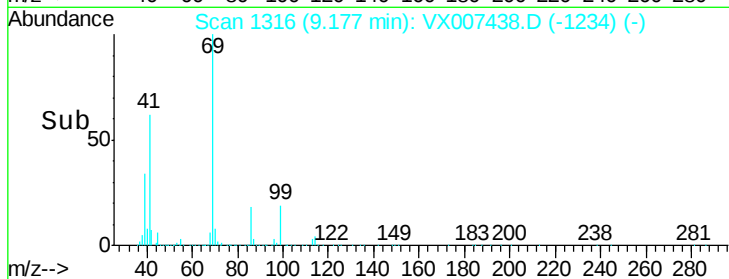
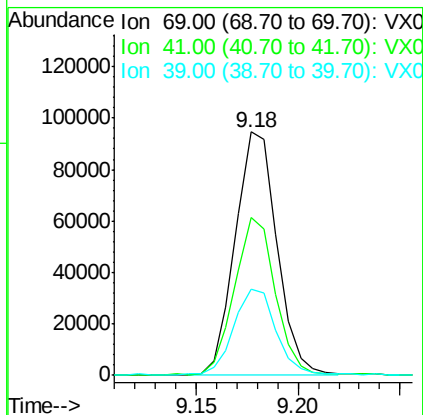
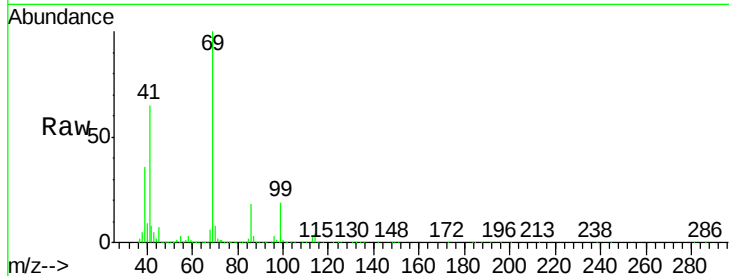
69 100

41 64.8 34.2 102.6

39 35.3 20.3 60.8

Manual Integrations
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MMDadoda
2/11/2019 9:37:22 AM



#52

1,3-Dichloropropane

Concen: 19.900 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007438.D

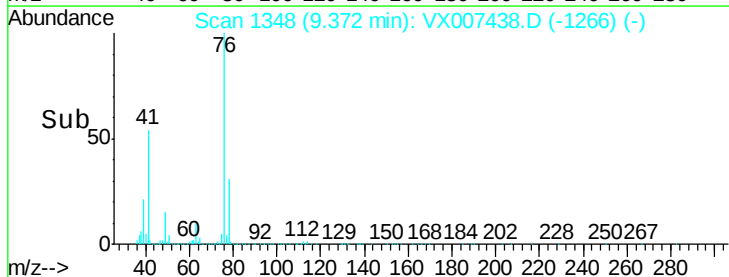
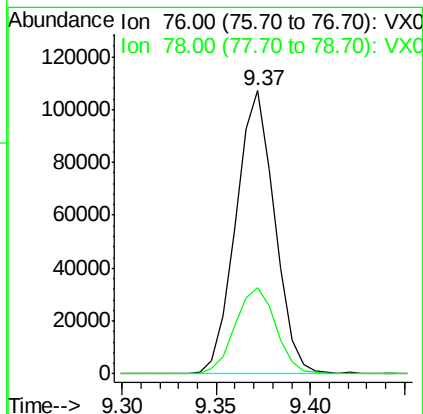
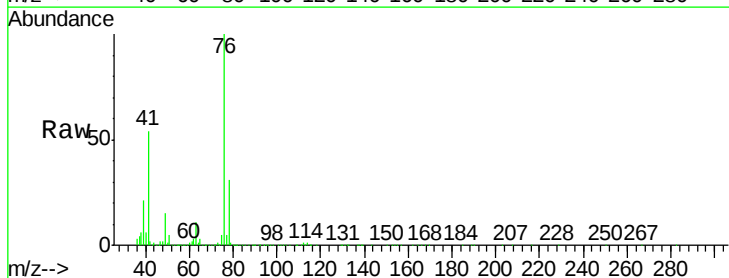
Acq: 08 Feb 2019 13:30

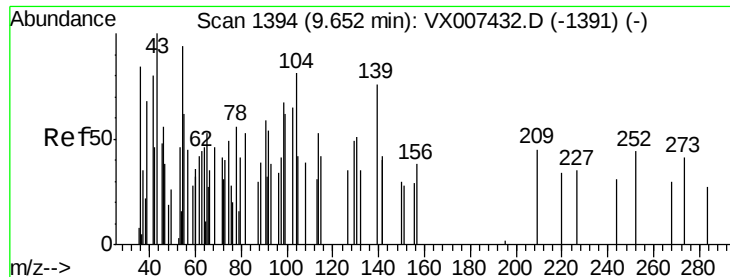
Tgt Ion: 76 Resp: 151280

Ion Ratio Lower Upper

76 100

78 32.5 0.0 66.2





#53

Dibromochloromethane

Concen: 19.086 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tot Ion:129 Resp: 91581

Ion Ratio Lower Upper

129 100

127 77.3 37.7 113.1

Instrument :

MSVOA_X

ClientSampleId :

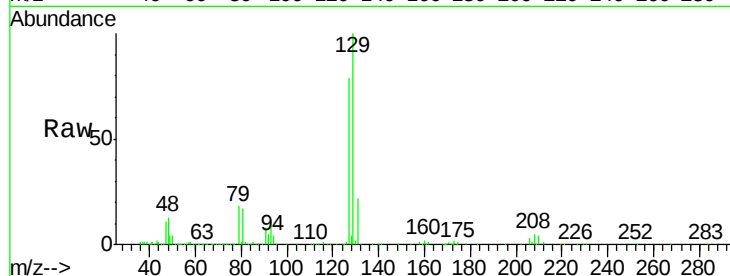
VX0208WBS01

Manual Integrations

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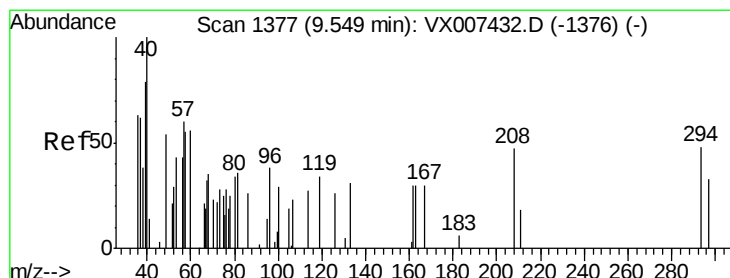
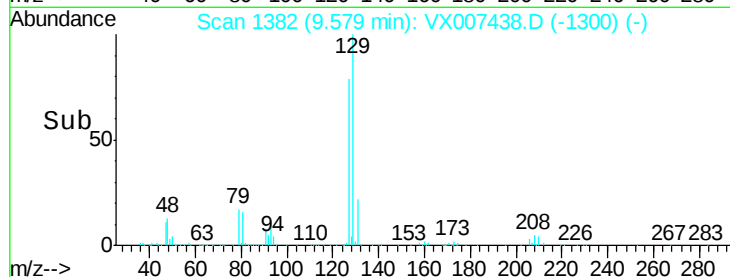
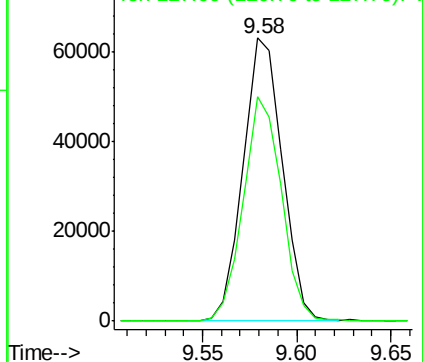
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.869 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007438.D

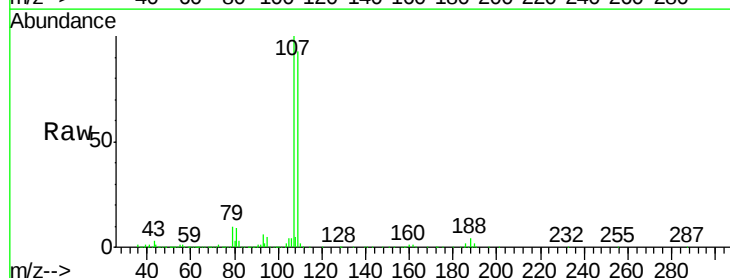
Acq: 08 Feb 2019 13:30

Tgt Ion:107 Resp: 101545

Ion Ratio Lower Upper

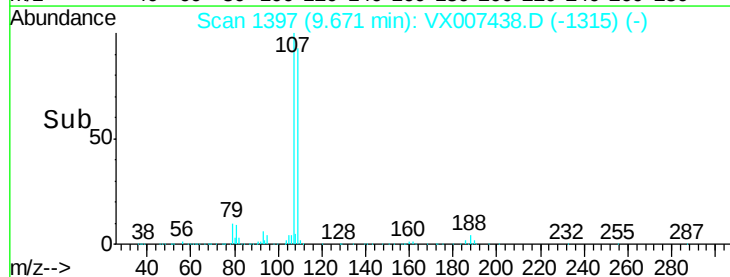
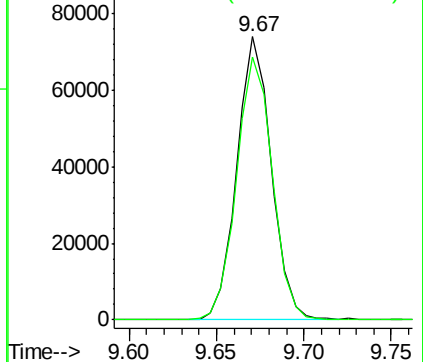
107 100

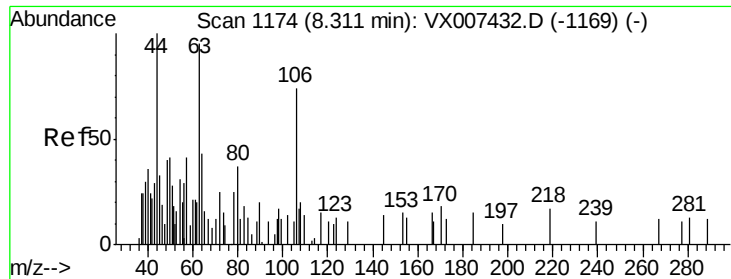
109 95.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





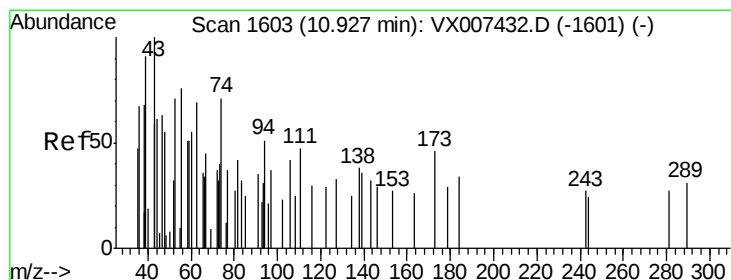
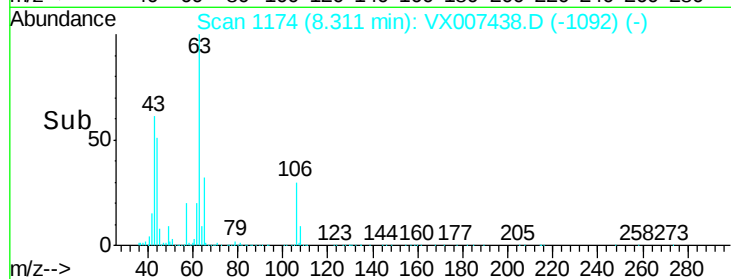
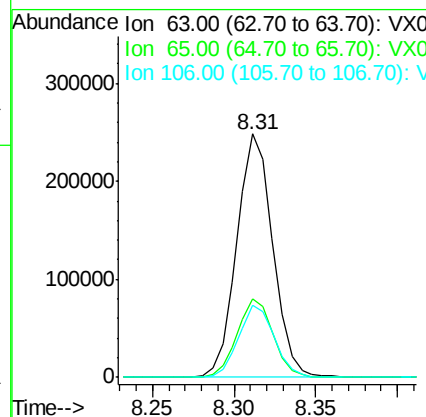
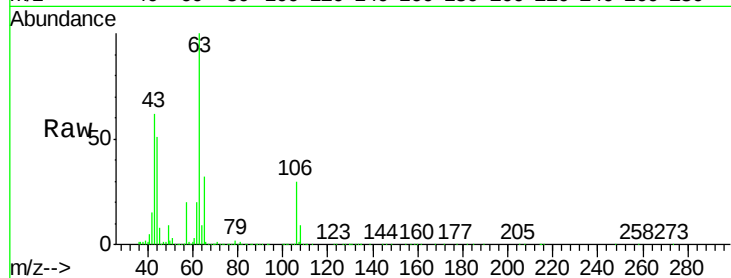
#55
2-Chloroethyl vinyl ether
Concen: 102.090 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.9	38.9
106	29.9	23.8	35.8

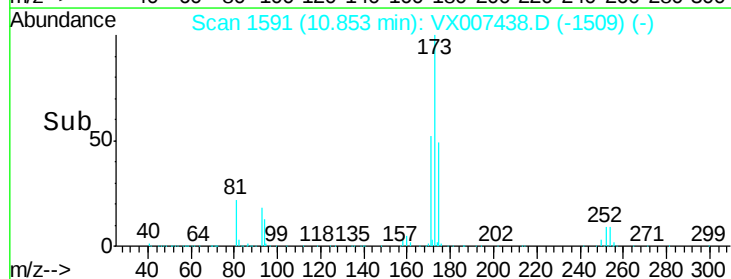
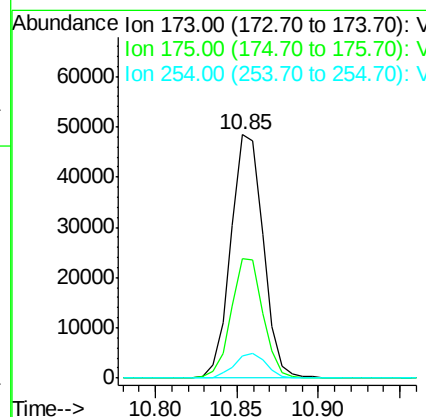
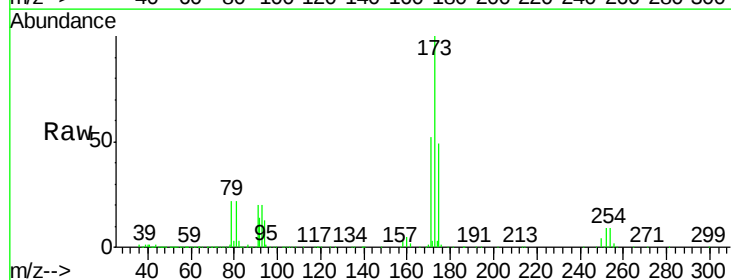
Manual Integrations
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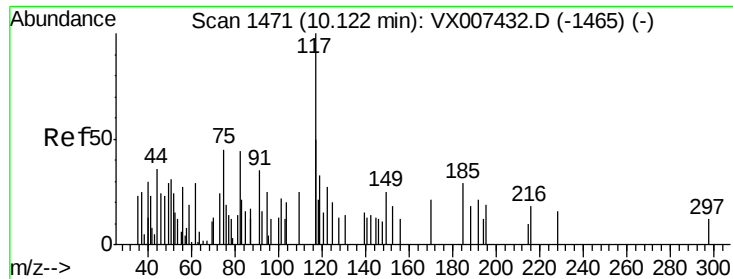
MMDadoda
2/11/2019 9:37:22 AM



#56
Bromoform
Concen: 18.388 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.9	58.3
254	9.9	8.5	12.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion:117 Resp: 388505

Ion Ratio Lower Upper

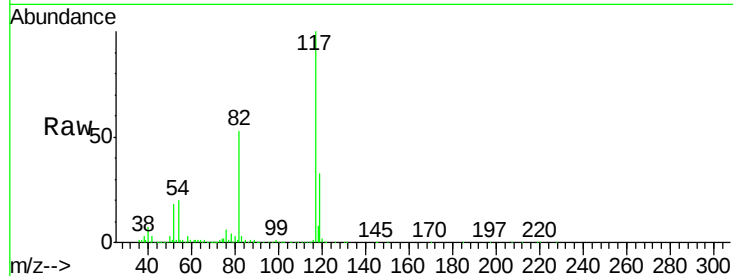
117 100

82 51.3 41.4 62.0

119 32.7 25.7 38.5

Manual Integrations
APPROVED

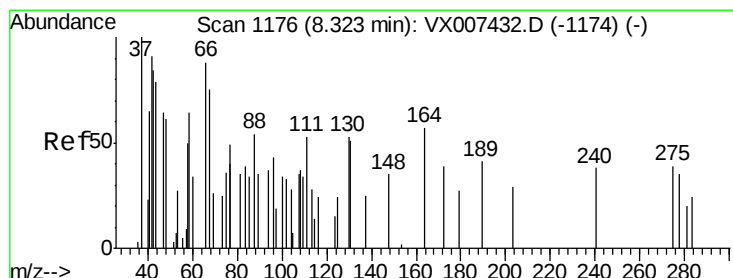
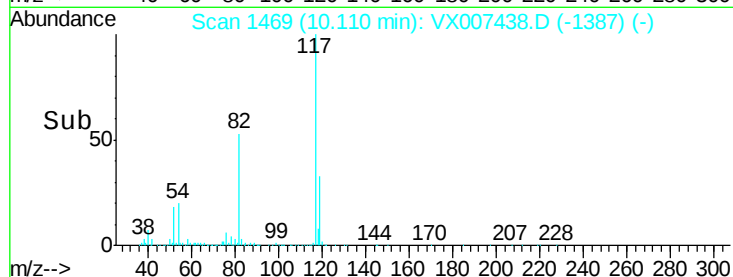
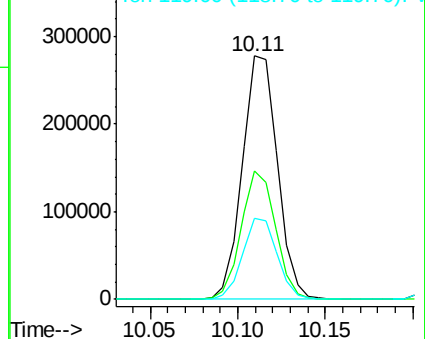
MMDadoda
2/11/2019 9:37:22 AM



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 103.913 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

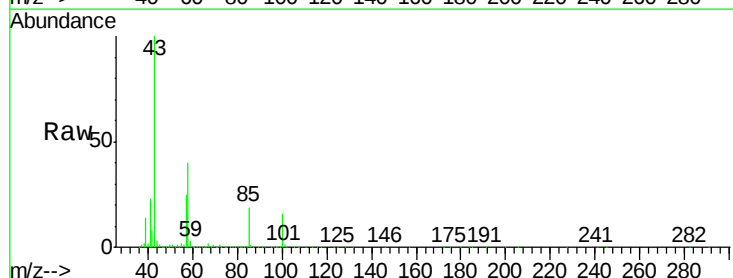
Tgt Ion: 43 Resp: 675070

Ion Ratio Lower Upper

43 100

58 39.2 31.6 47.4

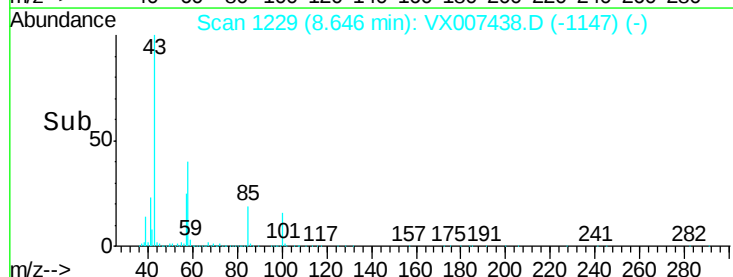
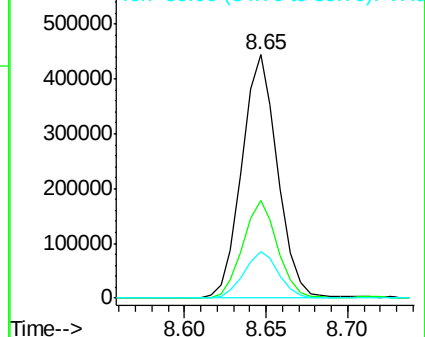
85 18.9 14.9 22.3

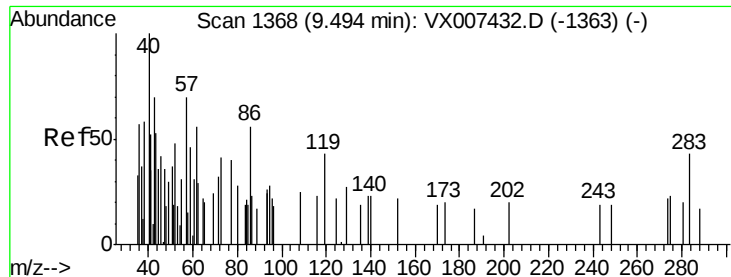


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





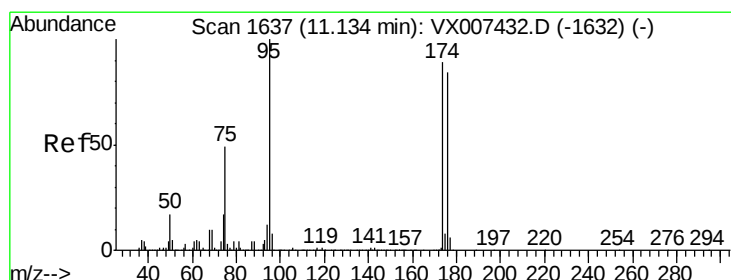
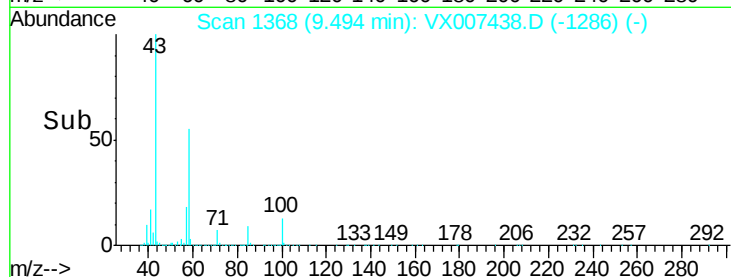
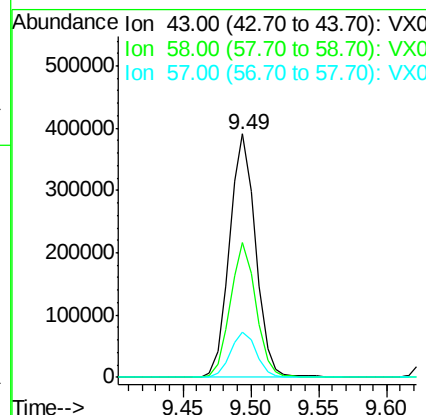
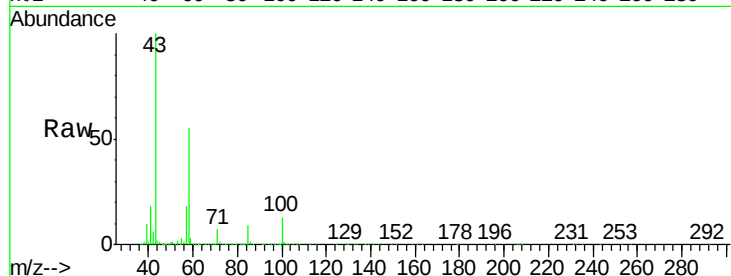
#59
2-Hexanone
Concen: 103.661 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.8	64.2
57	18.4	14.8	22.2

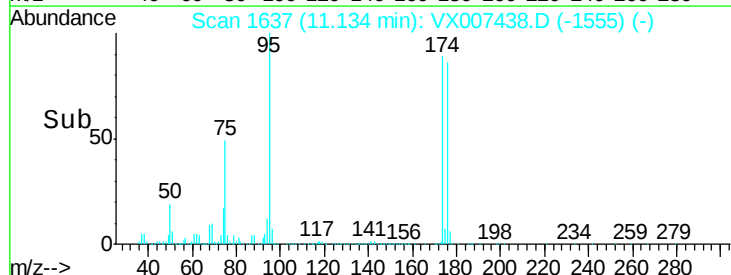
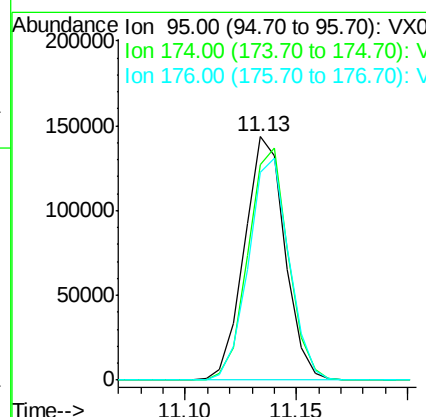
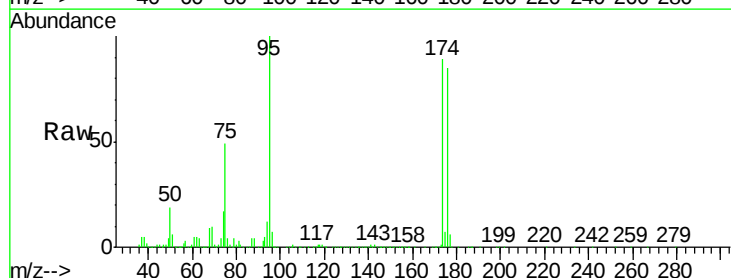
Manual Integrations
APPROVED

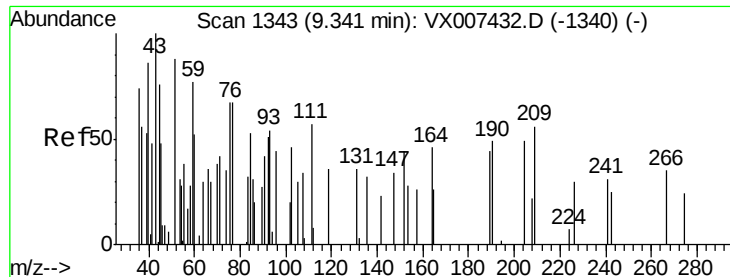
MMDadoda
2/11/2019 9:37:22 AM



#60
4-Bromofluorobenzene
Concen: 30.307 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	74.8	112.2
176	91.3	72.5	108.7





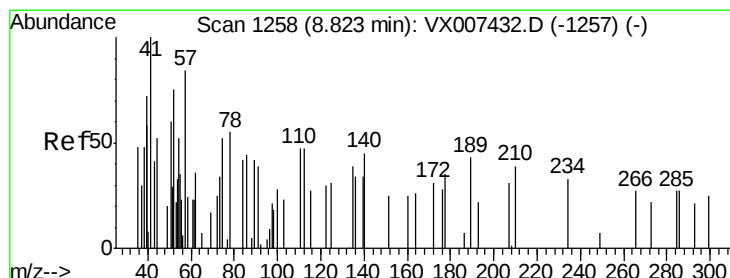
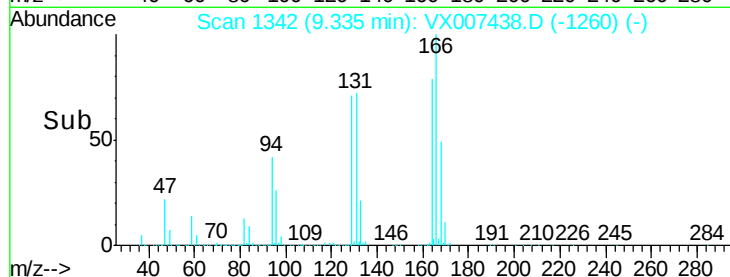
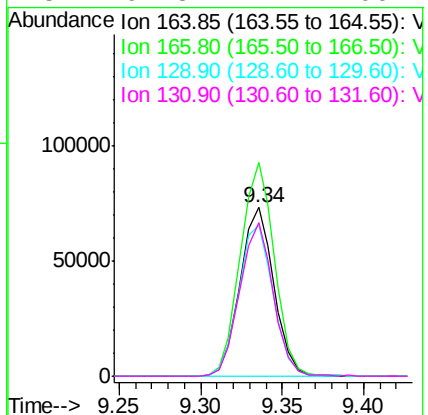
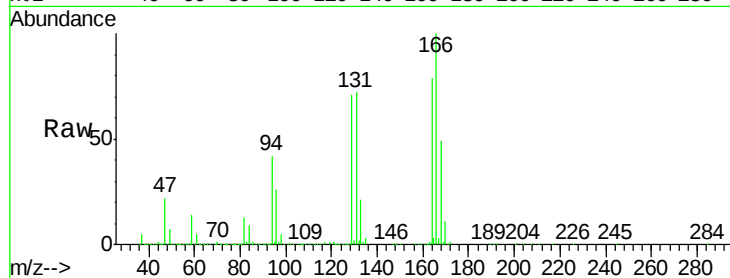
#61
Tetrachloroethene
Concen: 19.510 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.6	152.4
129	89.3	70.6	106.0
131	91.3	71.1	106.7

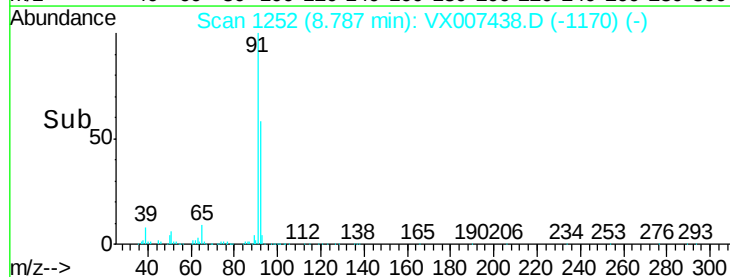
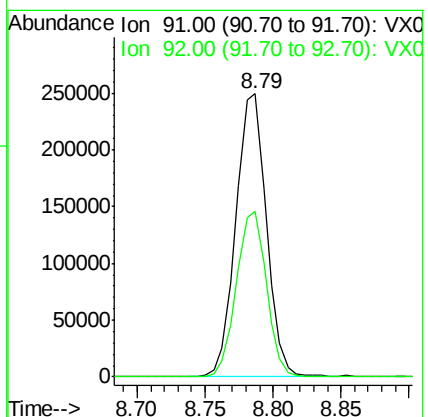
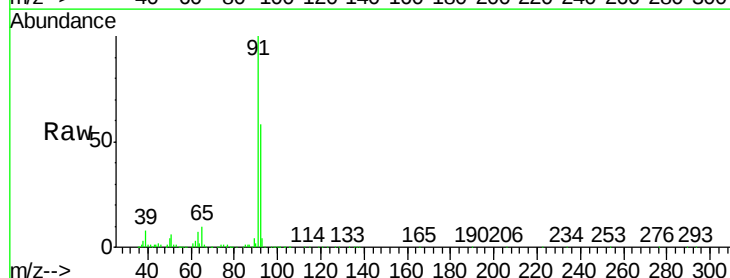
Manual Integrations
APPROVED

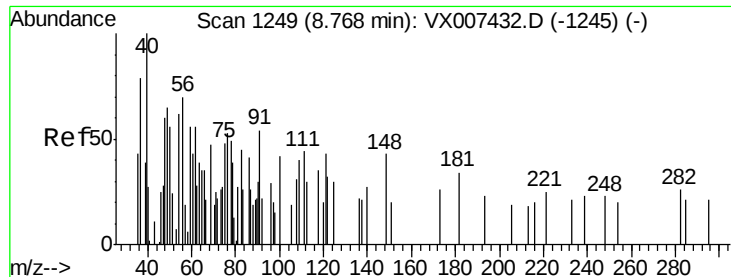
MMDadoda
2/11/2019 9:37:22 AM



#62
Toluene
Concen: 20.028 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.0	69.0





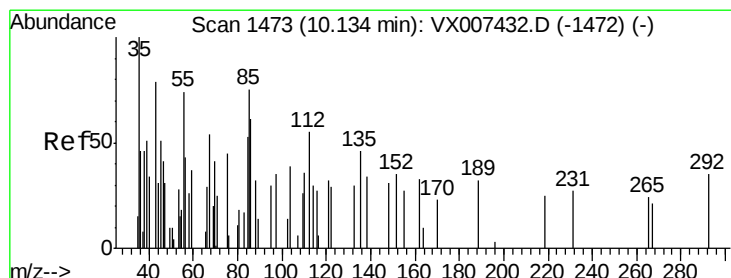
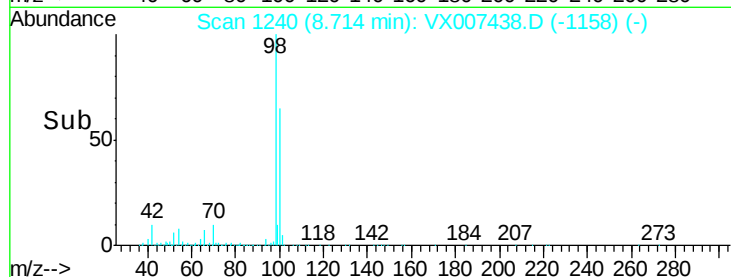
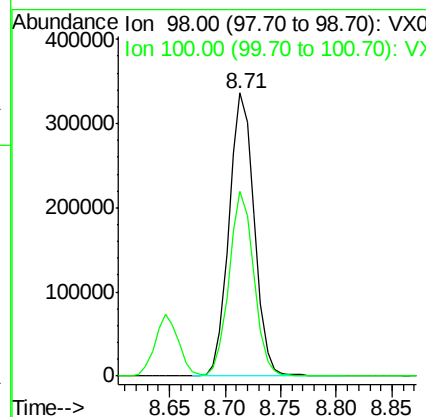
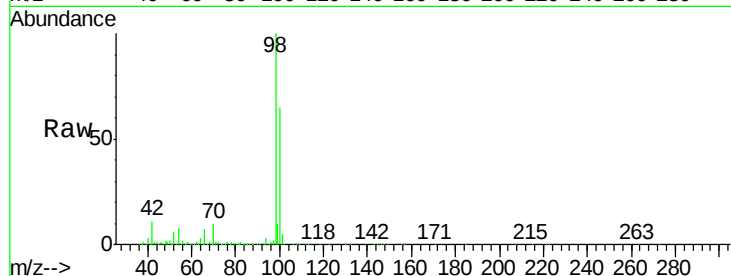
#63
Toluene-d8
Concen: 30.183 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion: 98 Resp: 528561
Ion Ratio Lower Upper
98 100
100 63.7 49.9 74.9

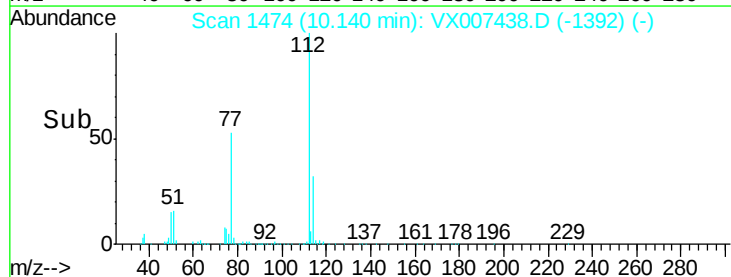
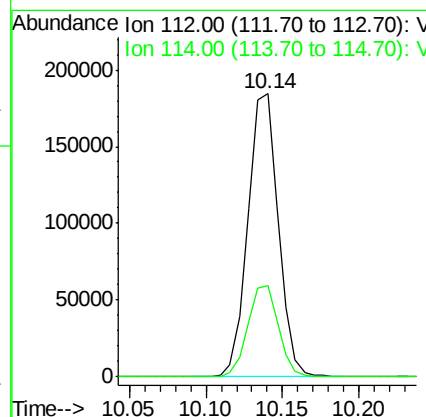
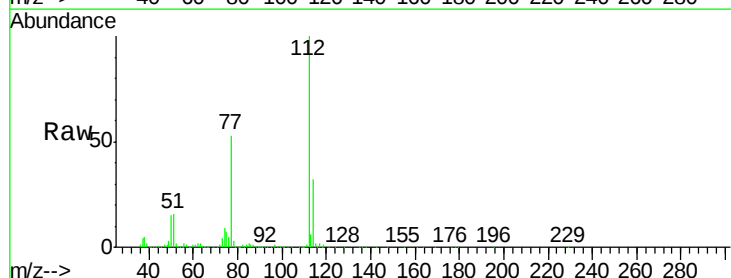
Manual Integrations
APPROVED

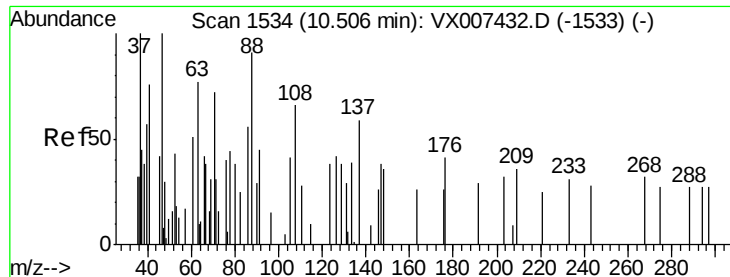
MMDadoda
2/11/2019 9:37:22 AM



#64
Chlorobenzene
Concen: 19.783 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion: 112 Resp: 255211
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.894 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion:131 Resp: 90906

Ion Ratio Lower Upper

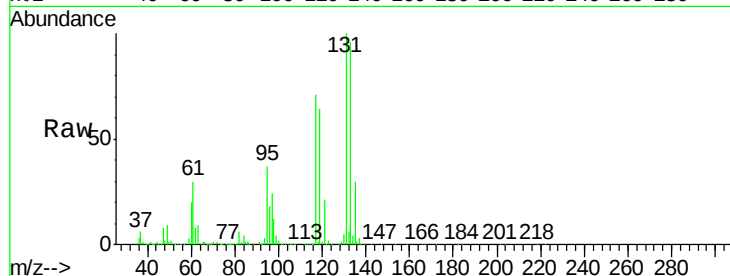
131 100

133 97.6 0.0 196.4

119 65.4 0.0 134.4

Manual Integrations
APPROVED

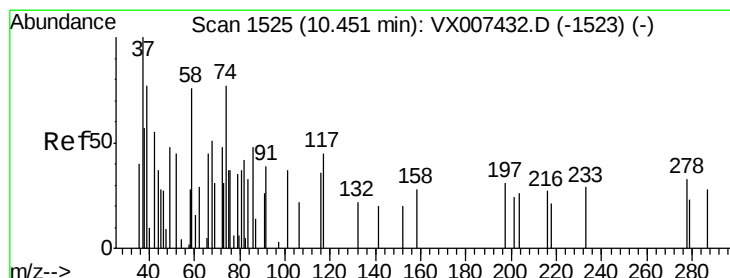
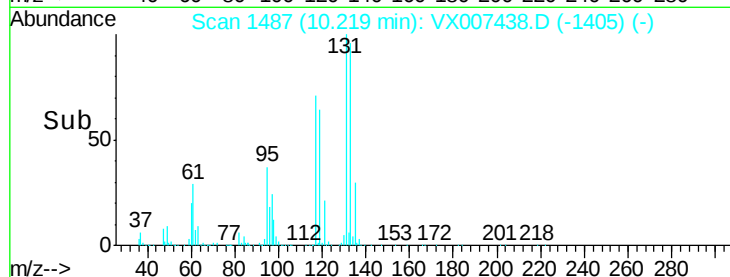
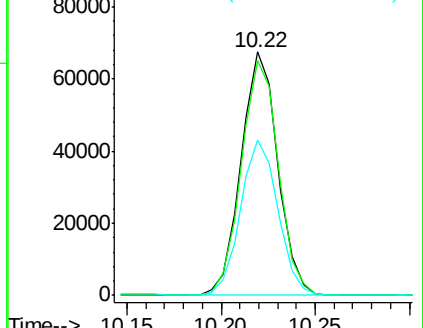
MMDadoda
2/11/2019 9:37:22 AM



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.681 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007438.D

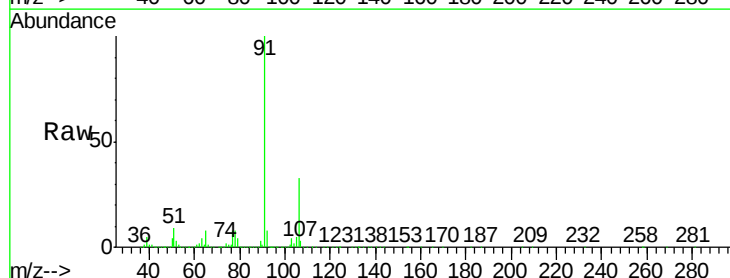
Acq: 08 Feb 2019 13:30

Tgt Ion: 91 Resp: 416995

Ion Ratio Lower Upper

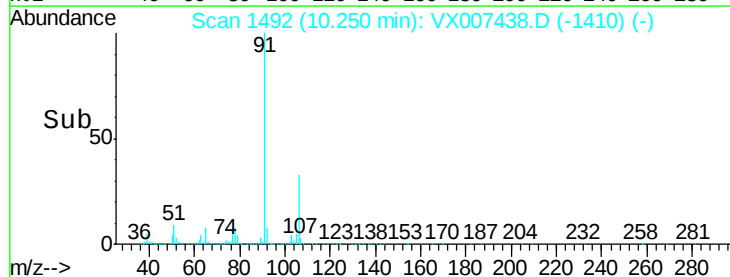
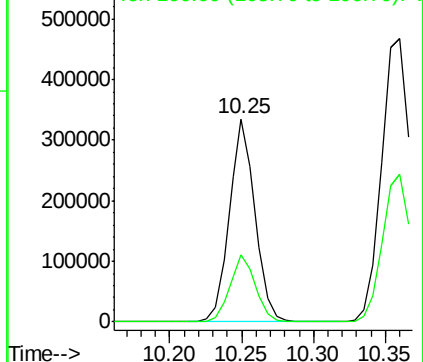
91 100

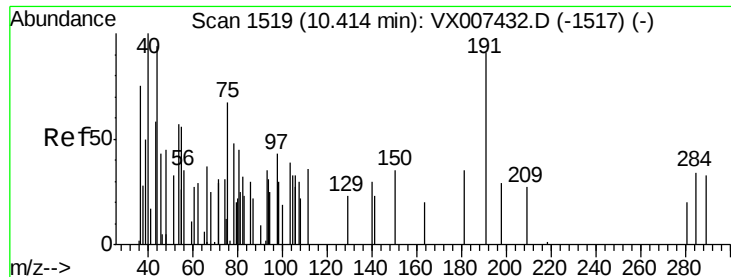
106 32.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 39.493 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion:106 Resp: 330450

Ion Ratio Lower Upper

106 100

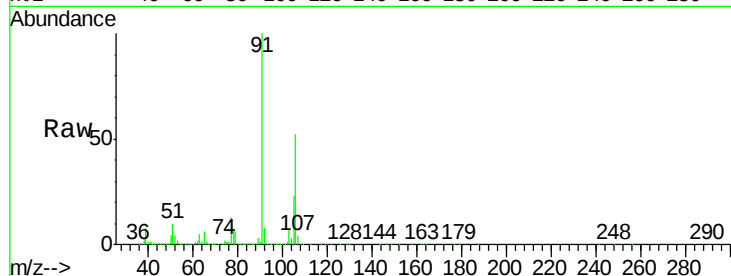
91 195.9 157.6 236.4

Manual Integrations

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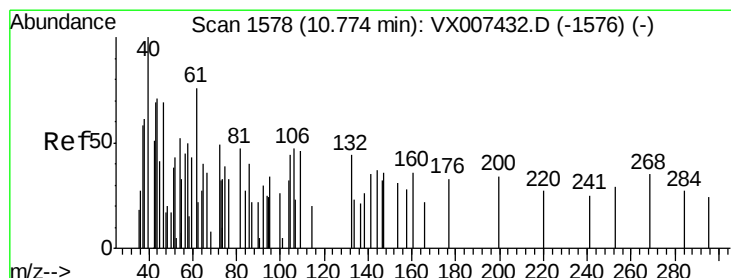
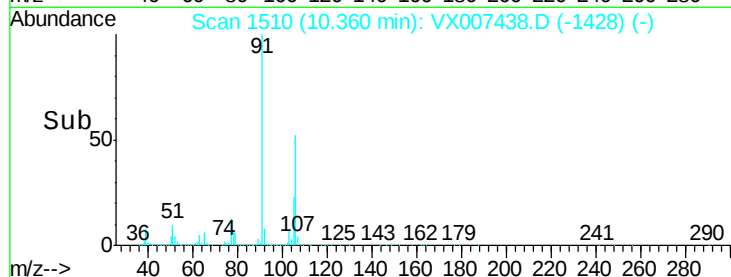
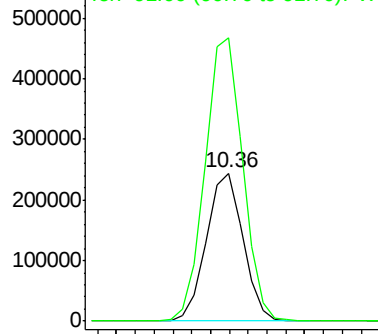
MMDadoda

2/11/2019 9:37:22 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.712 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX007438.D

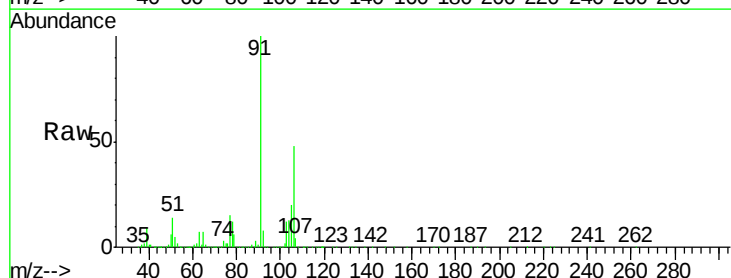
Acq: 08 Feb 2019 13:30

Tgt Ion:106 Resp: 161568

Ion Ratio Lower Upper

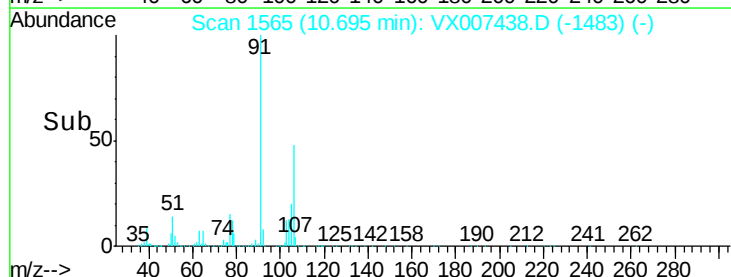
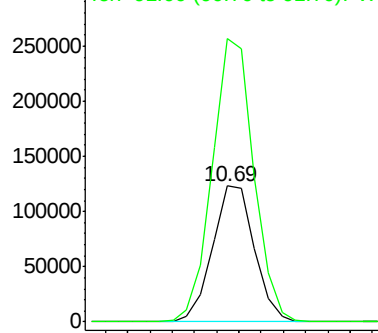
106 100

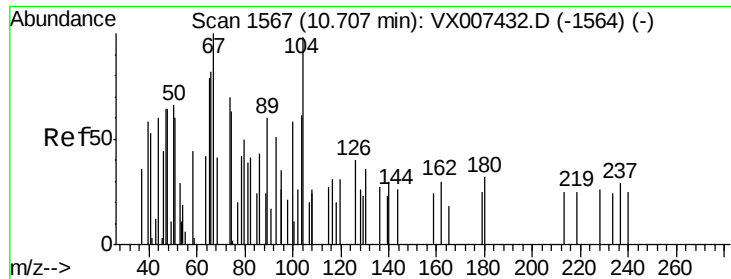
91 206.3 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





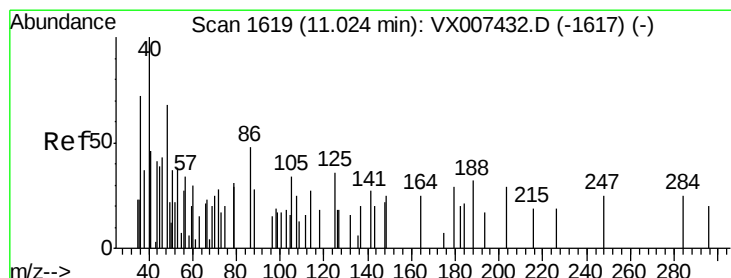
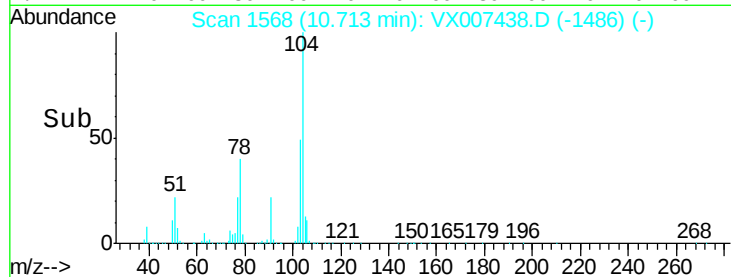
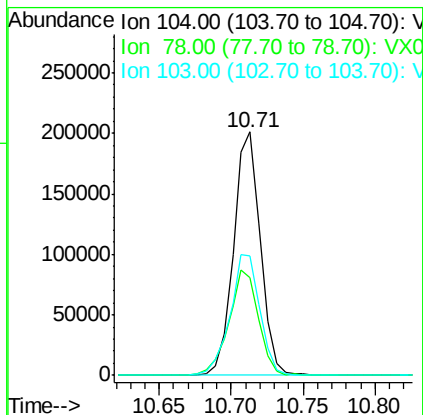
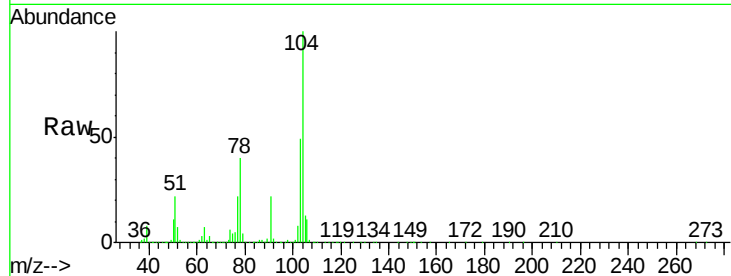
#69
Stvrene
Concen: 19.802 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.8	56.8
103	54.9	45.3	67.9

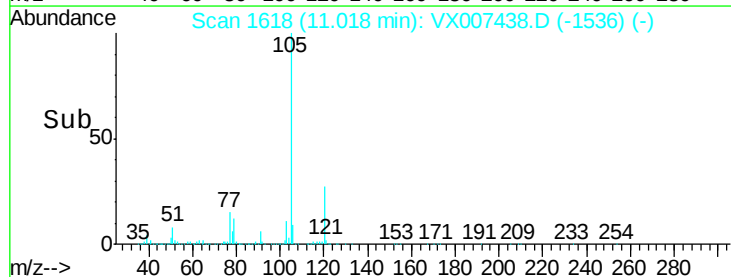
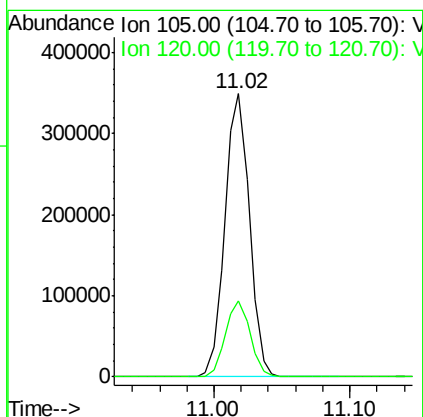
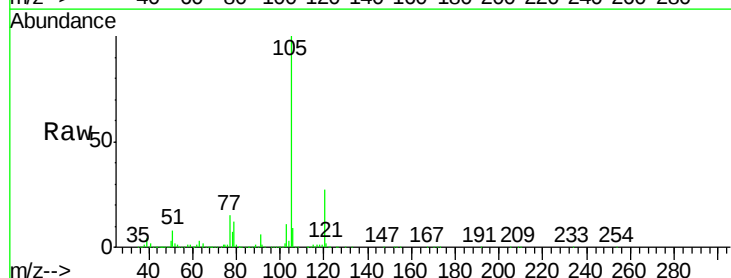
Manual Integrations
APPROVED

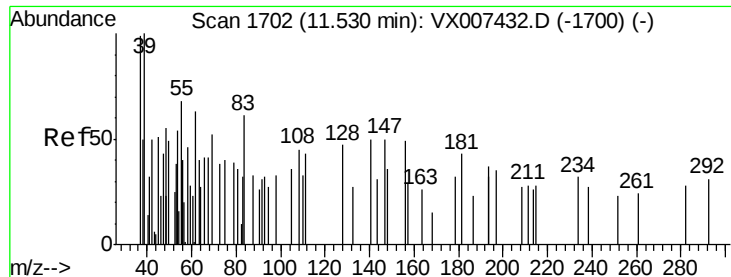
MMDadoda
2/11/2019 9:37:22 AM



#70
Isopropylbenzene
Concen: 20.117 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.9	36.9





#71

1,1,2,2-Tetrachloroethane

Concen: 20.362 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 83 Resp: 141467

Ion Ratio Lower Upper

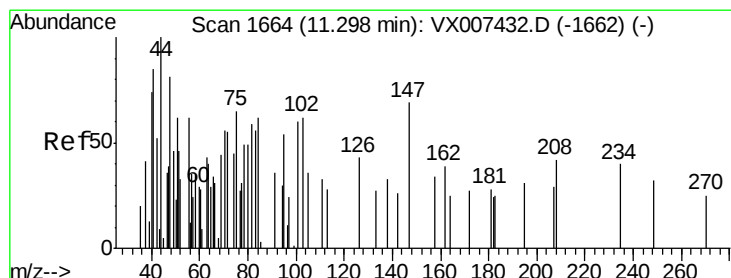
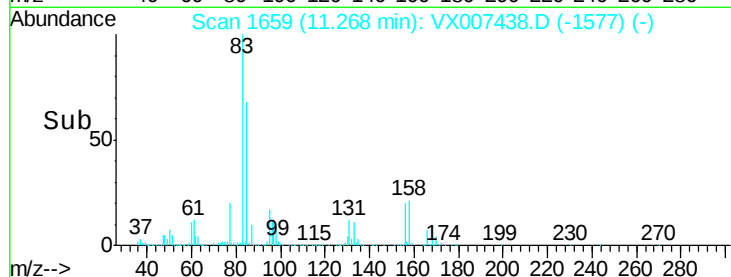
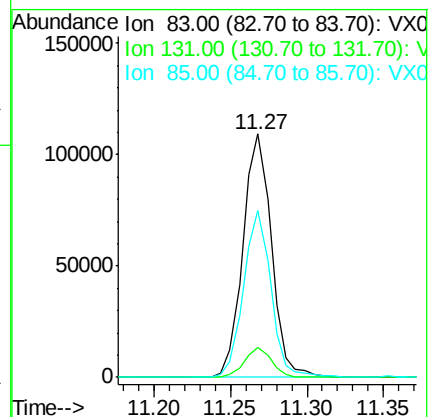
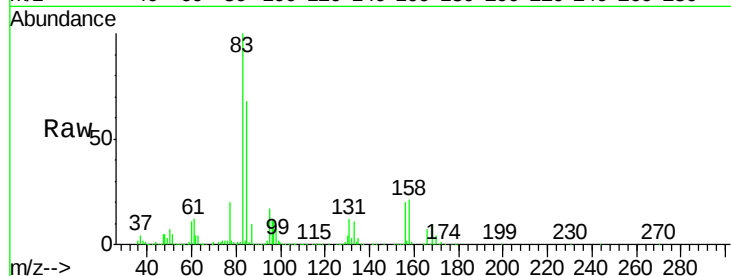
83 100

131 11.9 5.3 15.9

85 65.7 31.8 95.3

Manual Integrations
APPROVED

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2/11/2019 9:37:22 AM



#72

1,2,3-Trichloropropane

Concen: 20.927 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007438.D

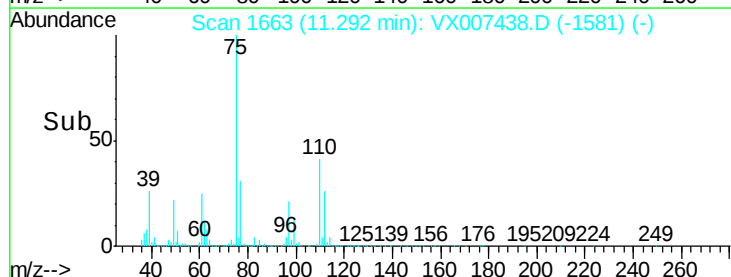
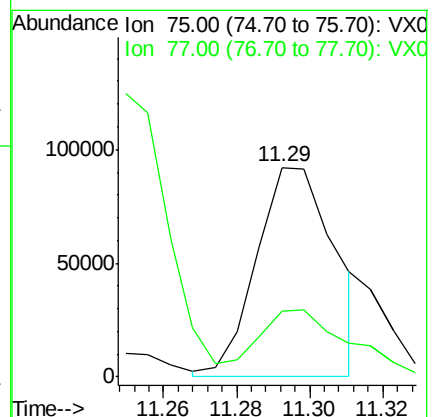
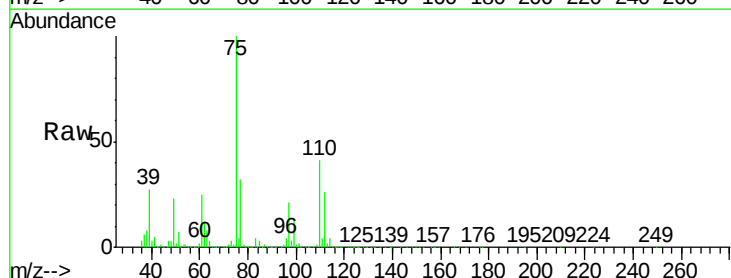
Acq: 08 Feb 2019 13:30

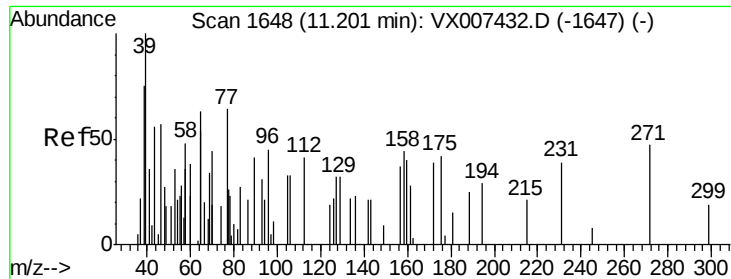
Tgt Ion: 75 Resp: 136697

Ion Ratio Lower Upper

75 100

77 37.7 0.0 73.2





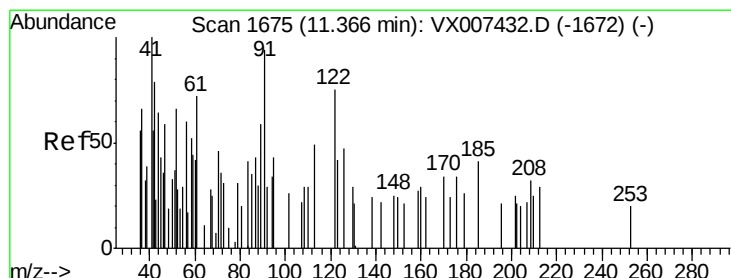
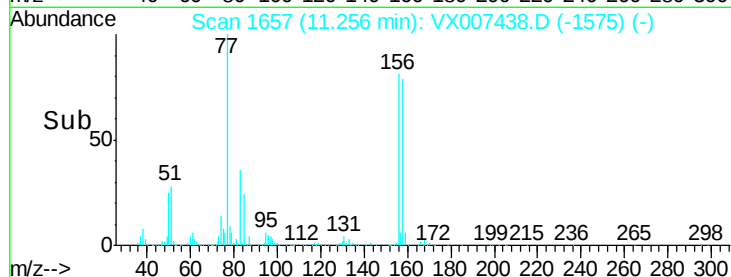
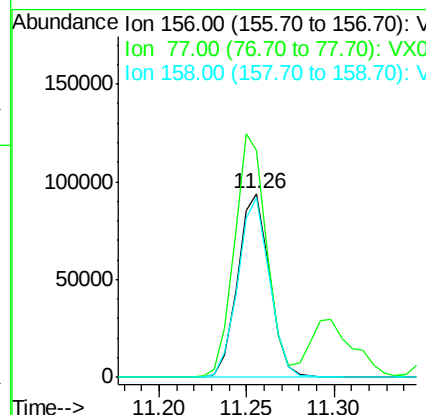
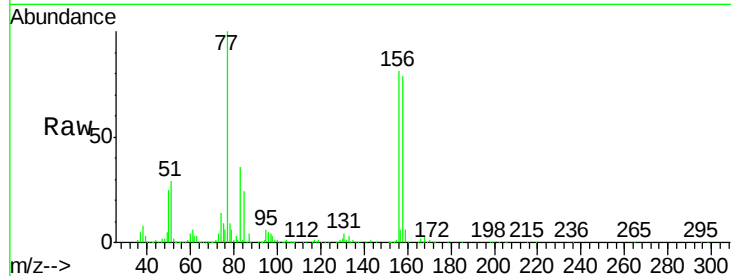
#73
Bromobenzene
Concen: 19.835 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.1	0.0	267.0
158	95.9	0.0	194.6

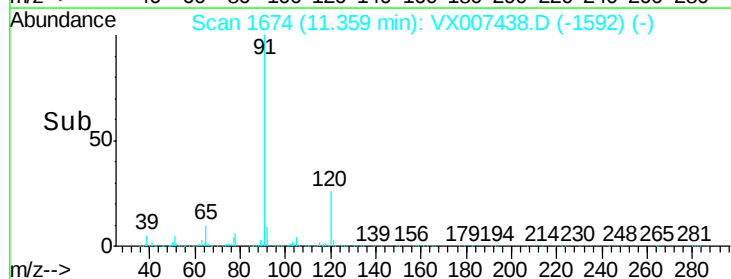
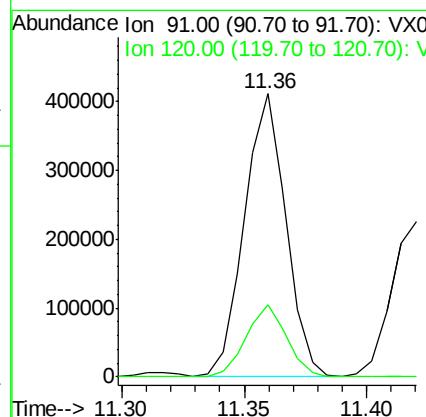
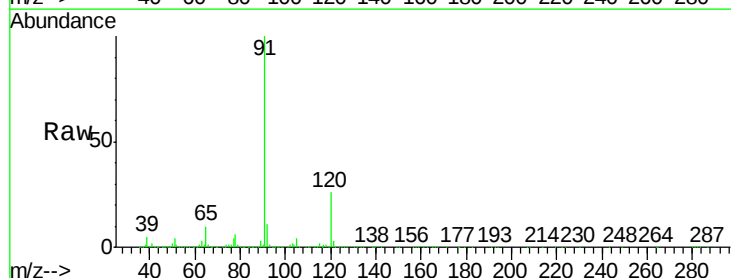
Manual Integrations
APPROVED

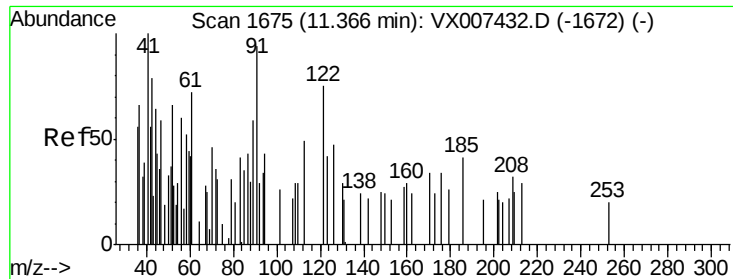
MMDadoda
2/11/2019 9:37:22 AM



#74
n-propylbenzene
Concen: 19.856 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	0.0	48.0





#75

2-Chlorotoluene

Concen: 19.833 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 91 Resp: 287232

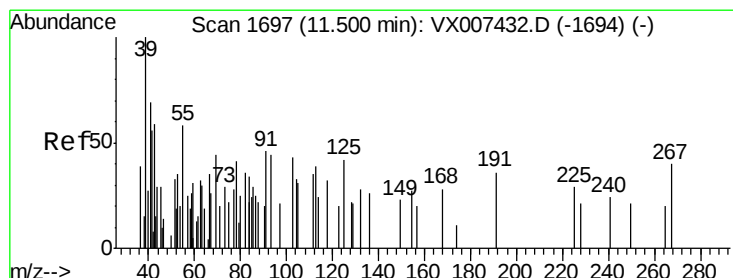
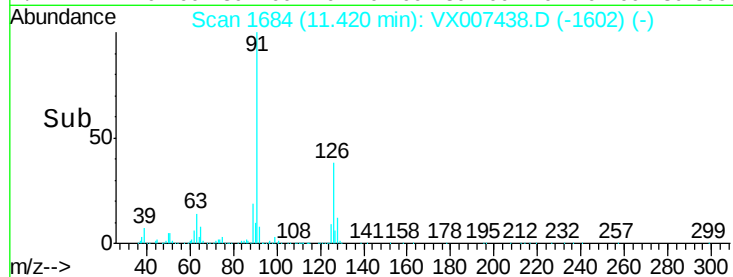
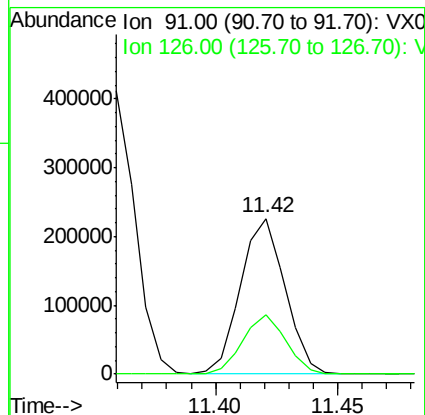
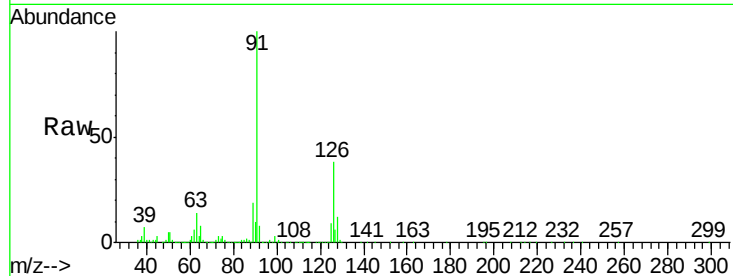
Ion Ratio Lower Upper

91 100

126 37.1 0.0 72.8

Manual Integrations
APPROVED

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2/11/2019 9:37:22 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.638 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007438.D

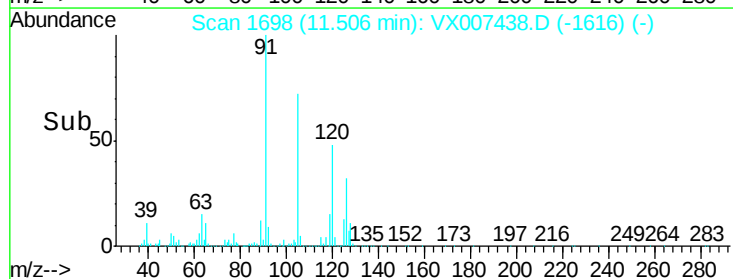
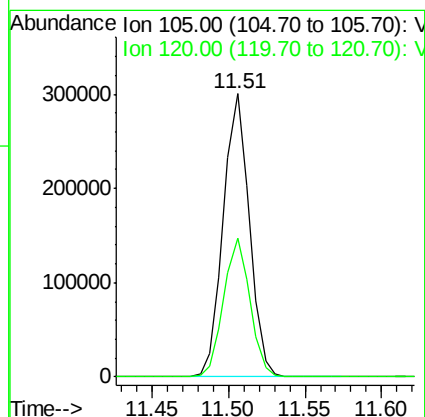
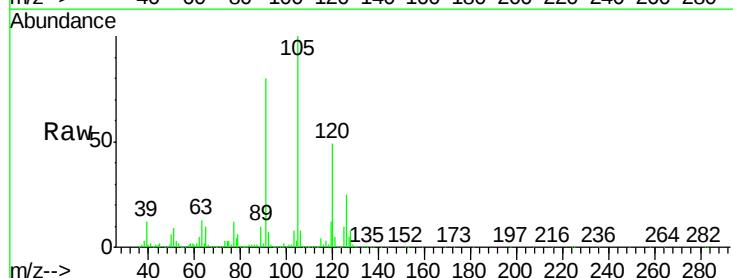
Acq: 08 Feb 2019 13:30

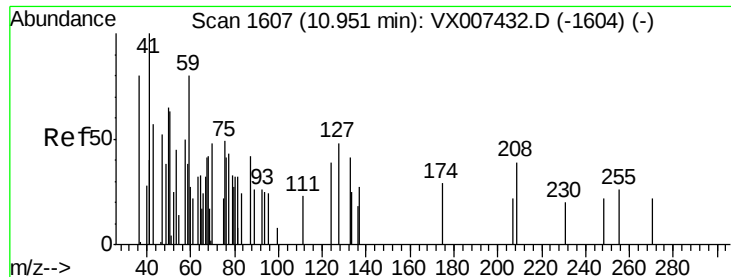
Tgt Ion: 105 Resp: 355654

Ion Ratio Lower Upper

105 100

120 49.5 0.0 99.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.691 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion: 75 Resp: 35472

Ion Ratio Lower Upper

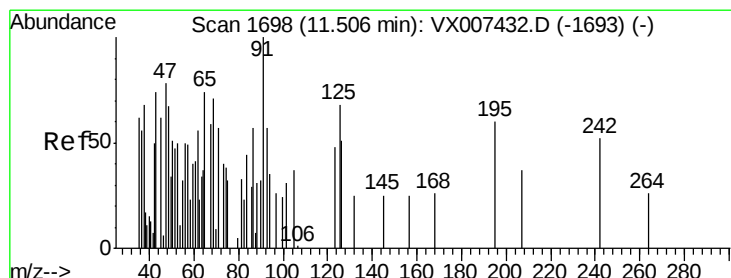
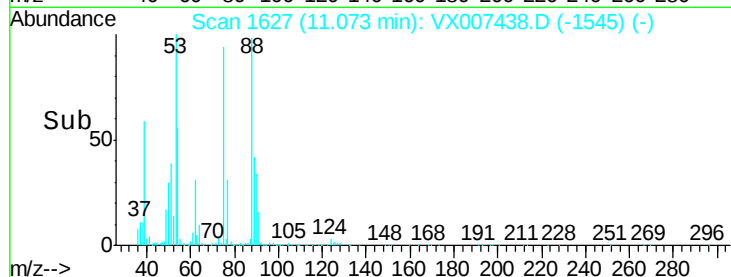
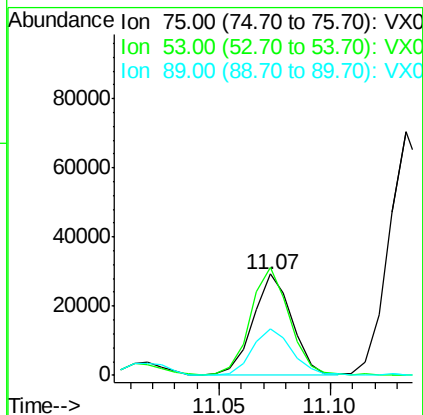
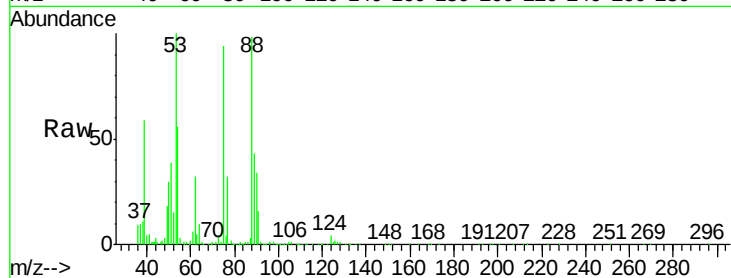
75 100

53 105.7 55.9 167.6

89 44.7 24.1 72.4

Manual Integrations
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2/11/2019 9:37:22 AM



#78

4-Chlorotoluene

Concen: 19.043 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007438.D

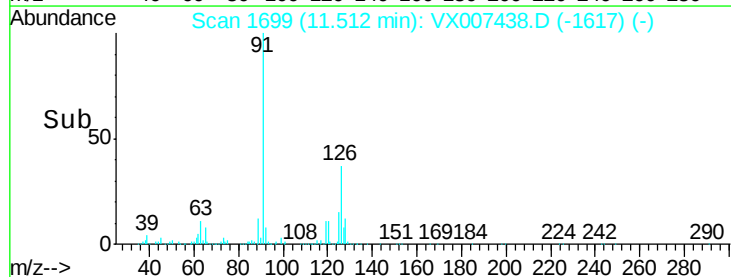
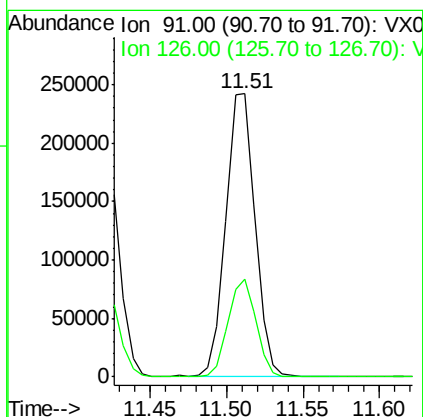
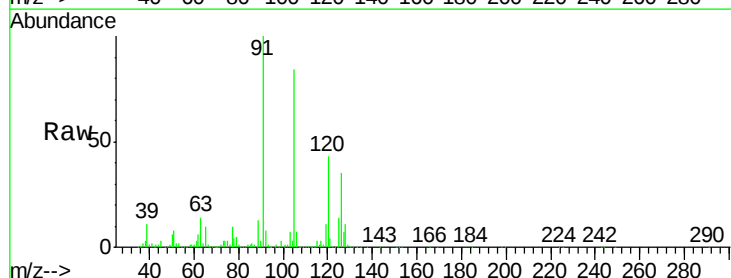
Acq: 08 Feb 2019 13:30

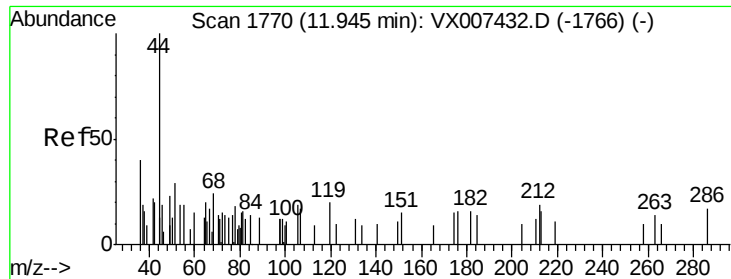
Tgt Ion: 91 Resp: 321101

Ion Ratio Lower Upper

91 100

126 33.1 0.0 63.8





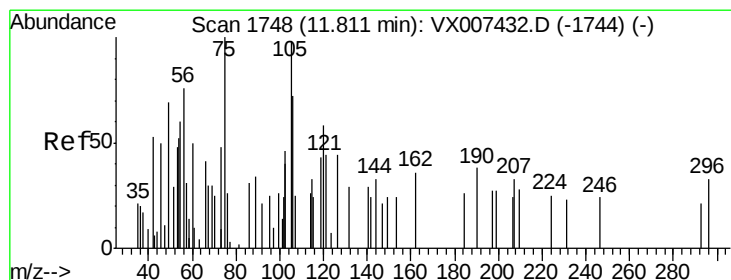
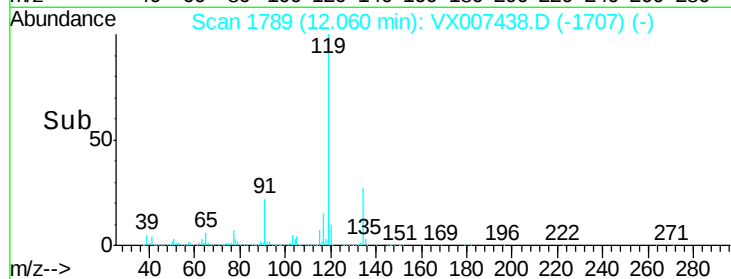
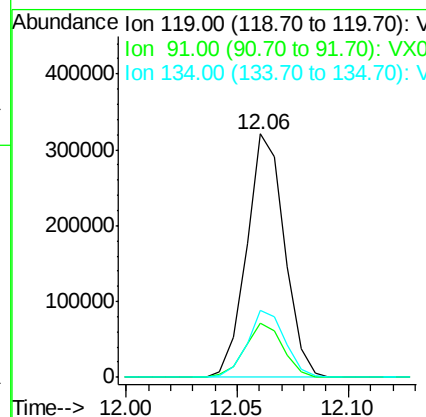
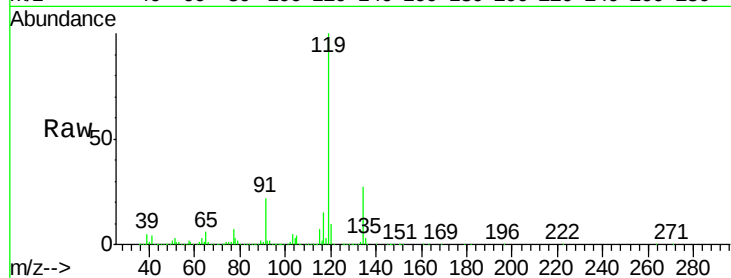
#79
tert-butylbenzene
Concen: 19.421 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	380560		
91	22.4	0.0	45.0	
134	27.1	0.0	55.8	

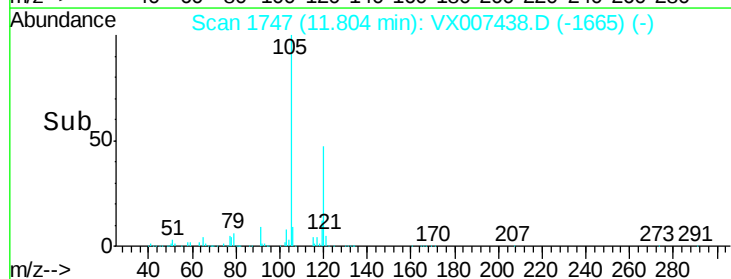
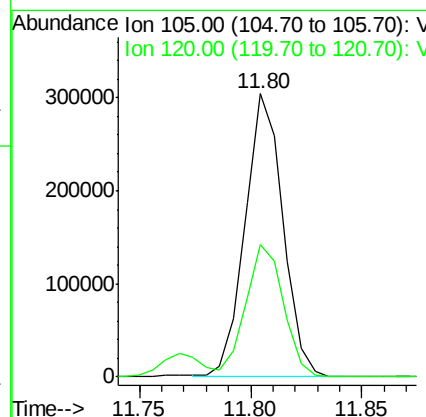
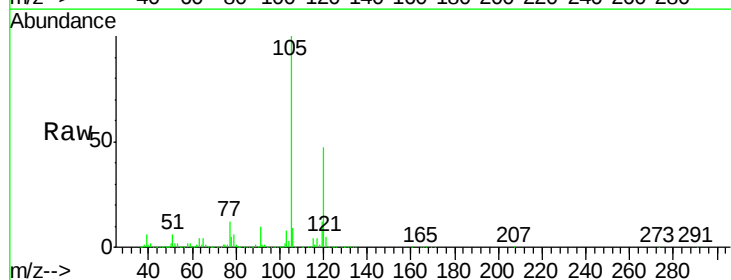
Manual Integrations
APPROVED

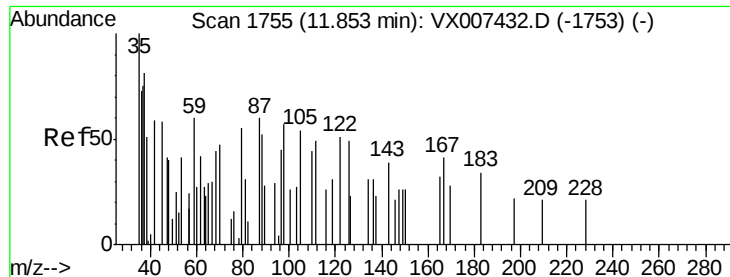
MMDadoda
2/11/2019 9:37:22 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.720 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361622		
120	46.5	0.0	94.4	





#81

sec-Butylbenzene

Concen: 19.401 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBS01

Tot Ion:105 Resp: 423677

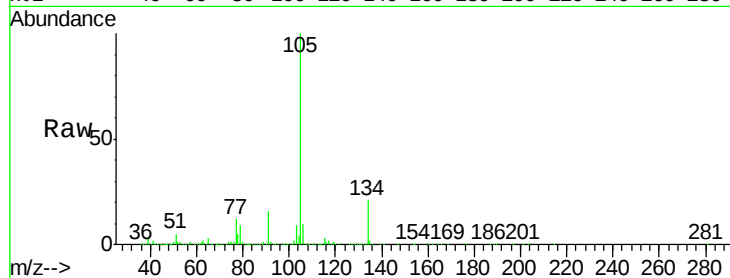
Ion Ratio Lower Upper

105 100

134 20.7 0.0 42.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

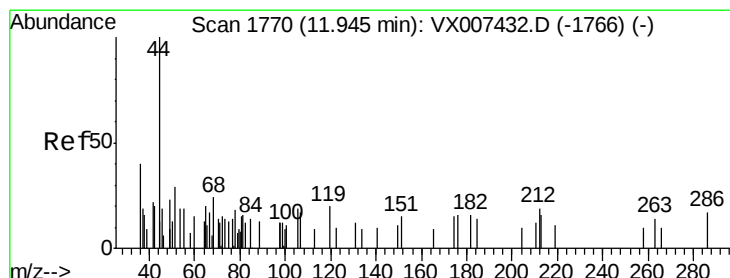
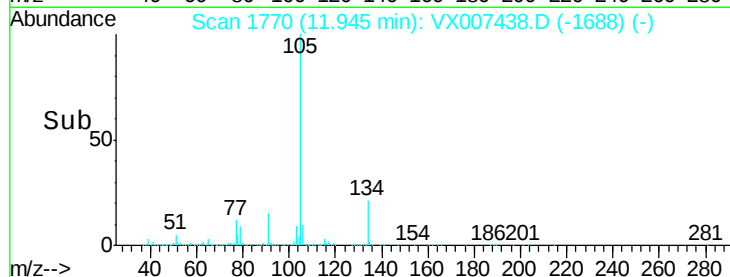
200000

100000

0

Time-->

11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 19.421 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

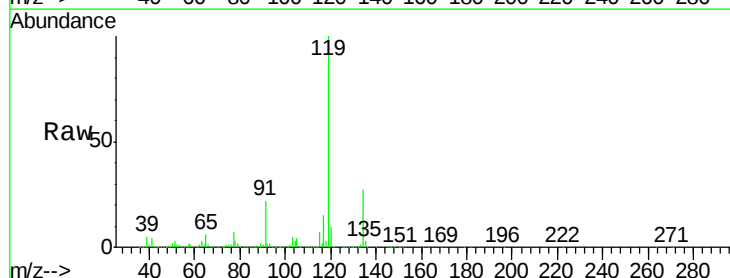
Tgt Ion:119 Resp: 380560

Ion Ratio Lower Upper

119 100

134 27.1 0.0 55.8

91 22.4 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

300000

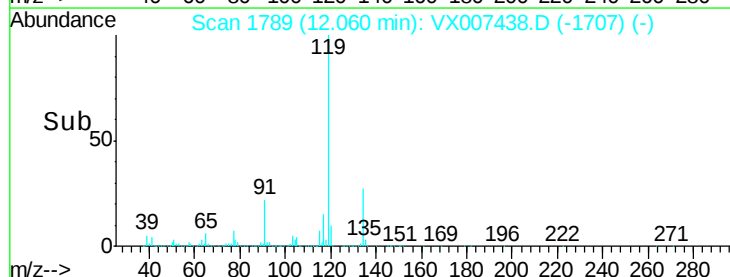
200000

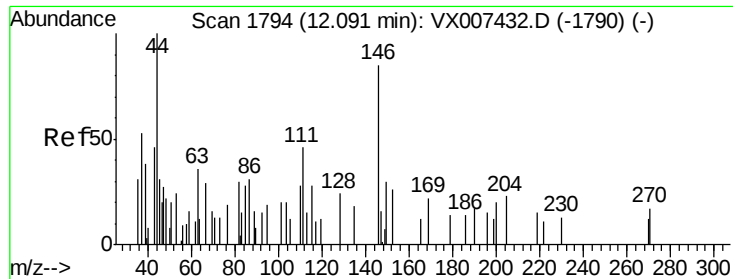
100000

0

Time-->

12.00 12.05 12.10





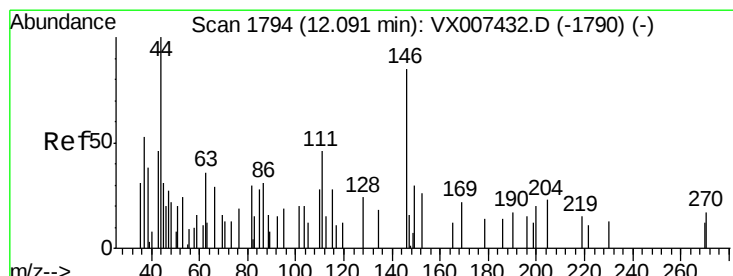
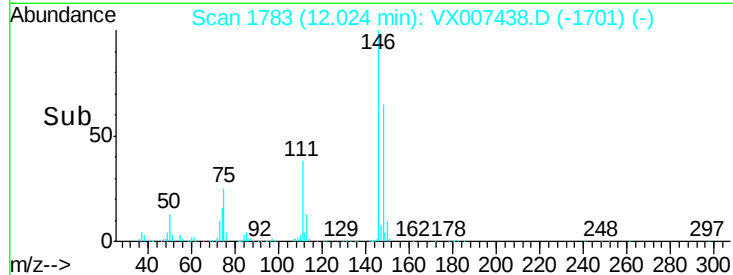
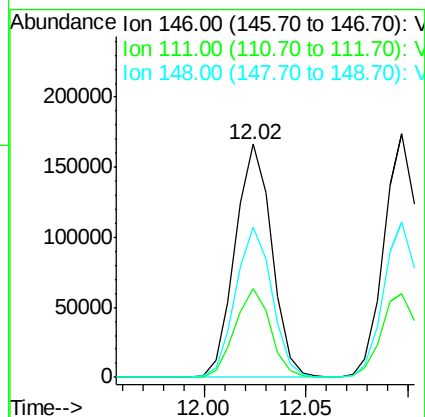
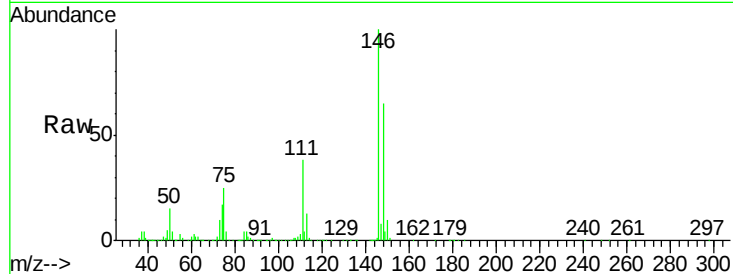
#83
 1,3-Dichlorobenzene
 Concen: 19.393 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.0	57.0
148	63.9	31.6	94.7

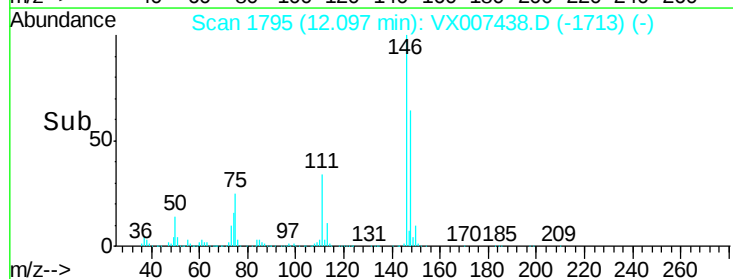
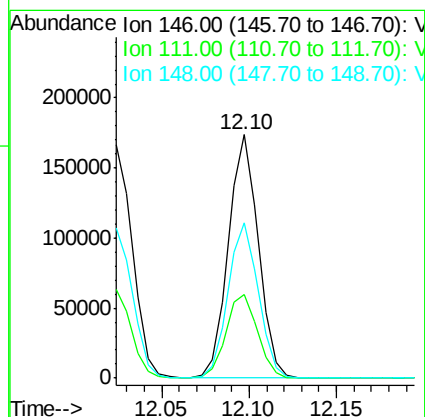
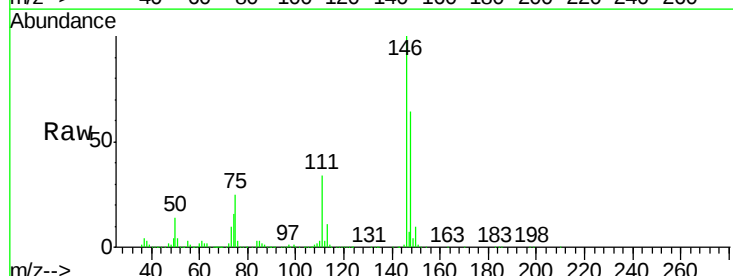
Manual Integrations
 APPROVED

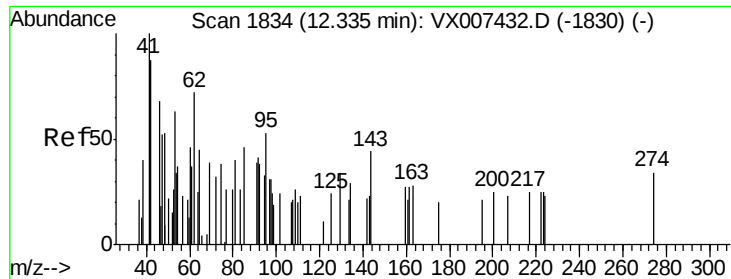
MMDadoda
 2/11/2019 9:37:22 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.414 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.4	52.2
148	64.3	31.9	95.5





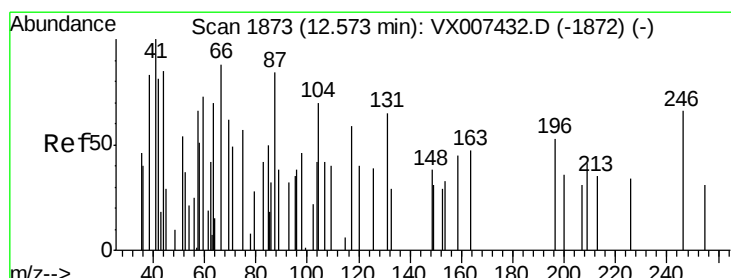
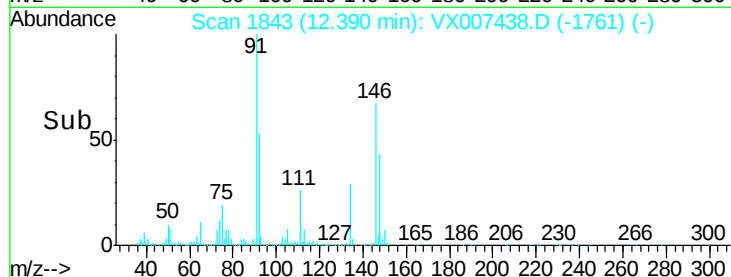
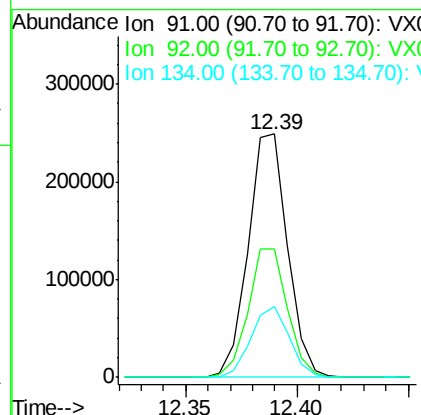
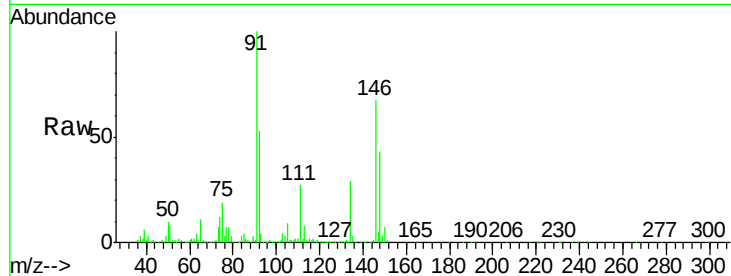
#85
n-Butylbenzene
Concen: 18.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.9	0.0	106.2	
134	28.4	0.0	55.4	

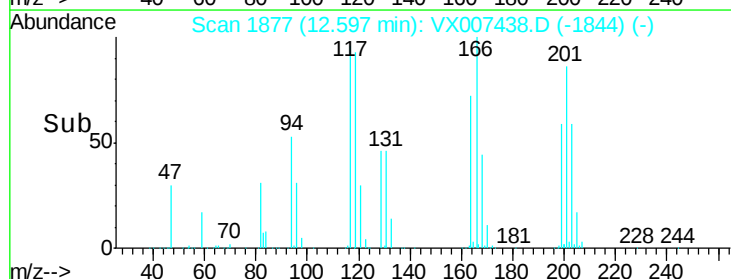
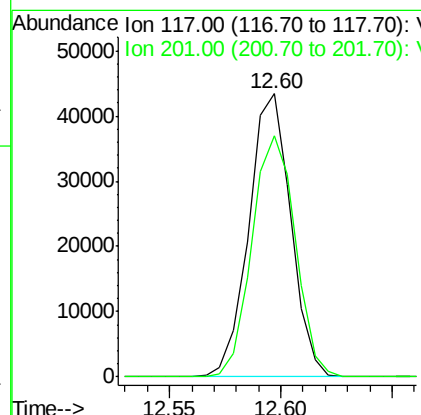
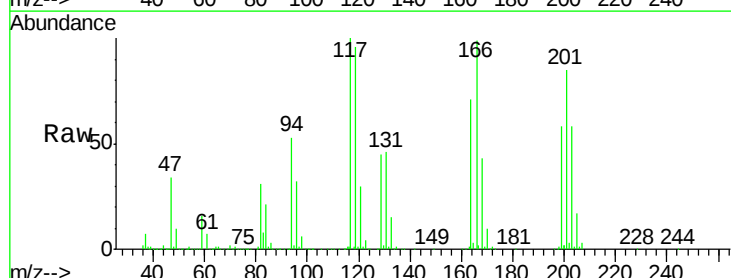
Manual Integrations
APPROVED

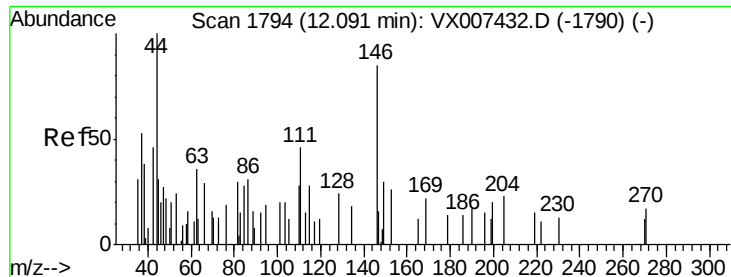
MMDadoda
2/11/2019 9:37:22 AM



#86
Hexachloroethane
Concen: 18.853 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007438.D
Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.7	41.6	124.8	





#87

1,2-Dichlorobenzene

Concen: 19.821 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007438.D

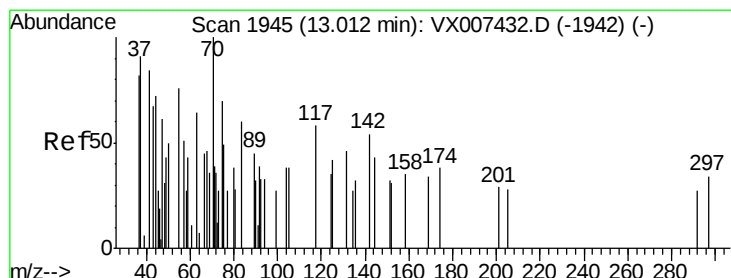
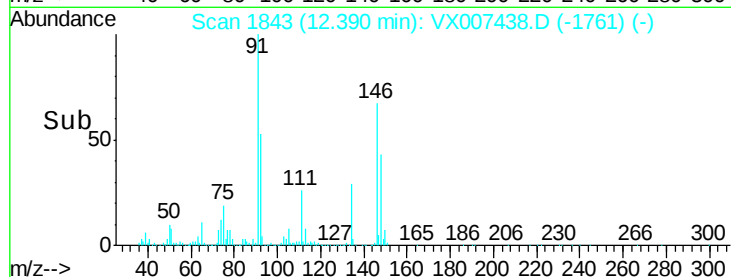
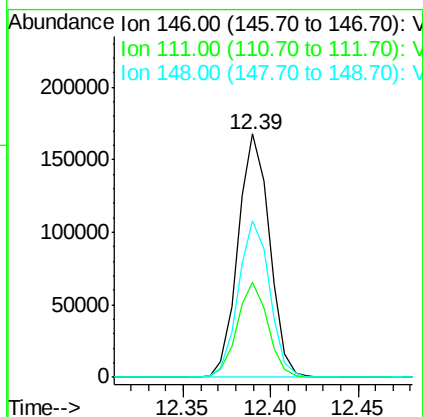
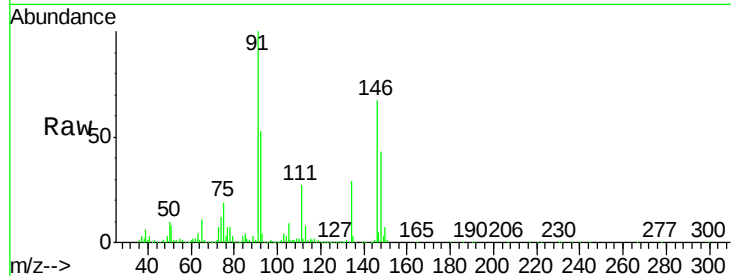
Acq: 08 Feb 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.8	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:22 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.096 ug/l

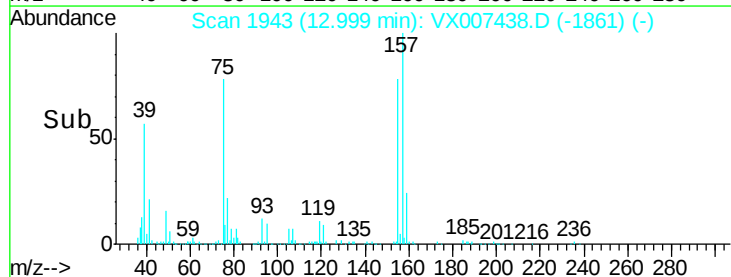
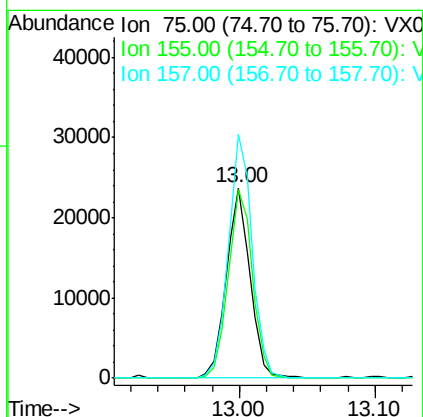
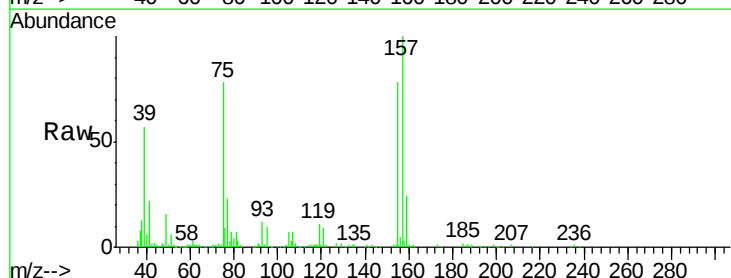
RT: 13.00 min Scan# 1943

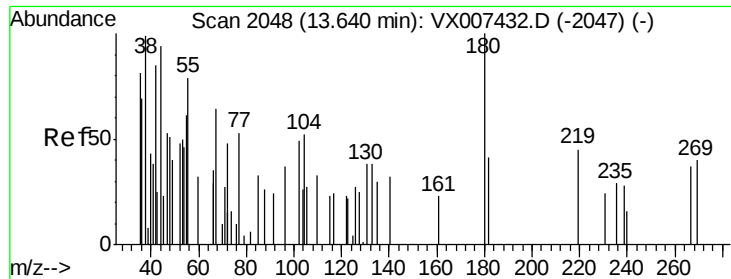
Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.5	82.8	124.2
157	128.8	106.9	160.3





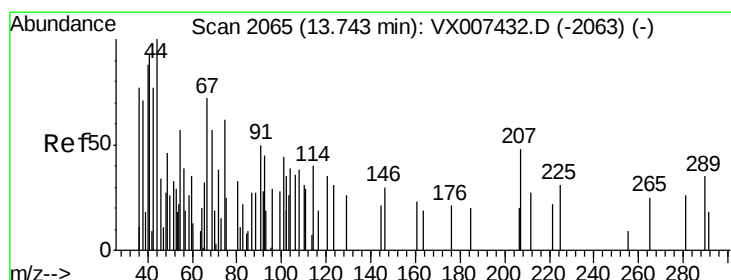
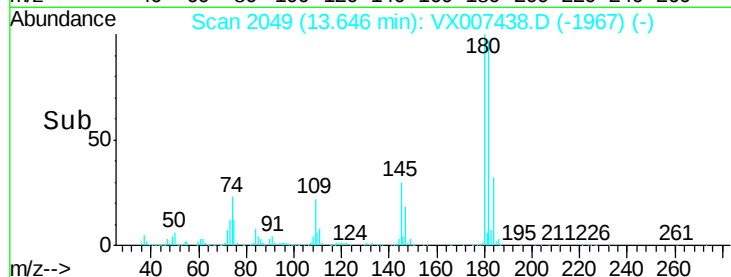
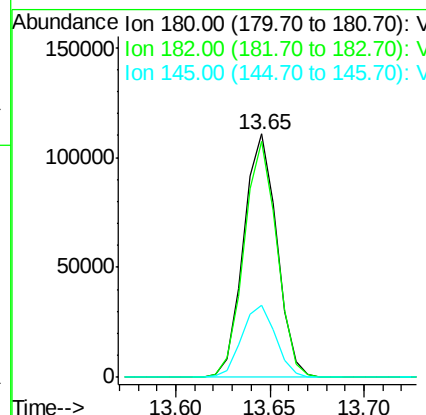
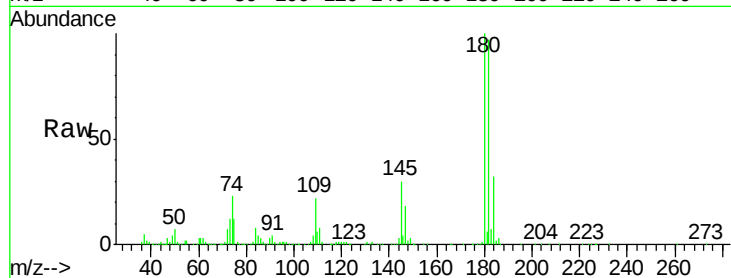
#89
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.7	115.1
145	30.0	23.1	34.7

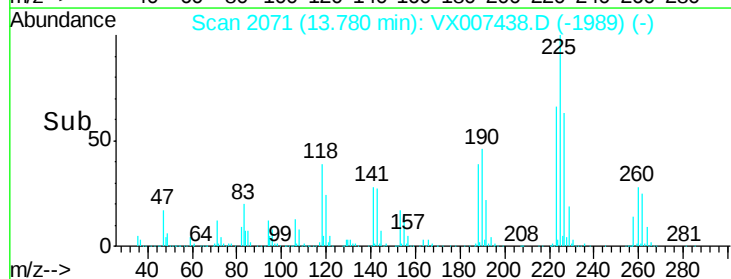
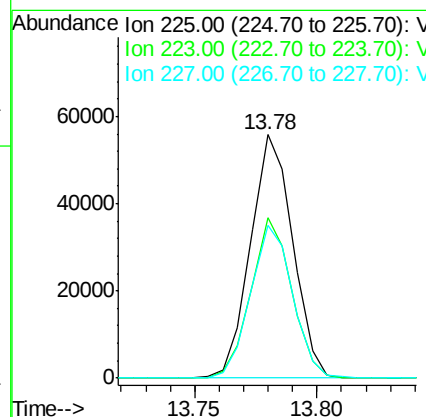
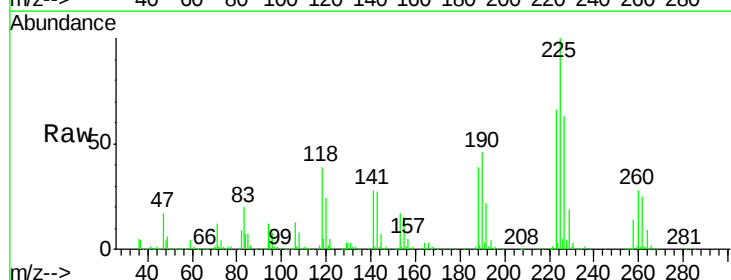
Manual Integrations
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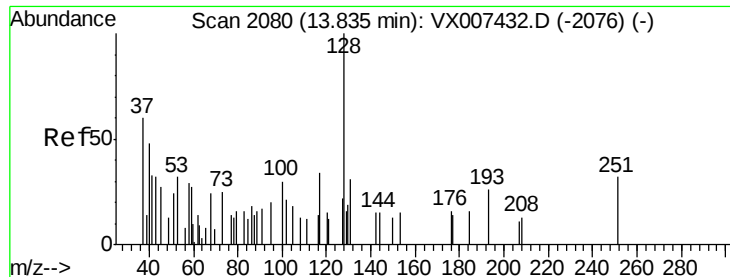
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 2/11/2019 9:37:22 AM



#90
 Hexachlorobutadiene
 Concen: 19.225 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007438.D
 Acq: 08 Feb 2019 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	124.6
227	62.9	0.0	128.2





#91

Naphthalene

Concen: 19.657 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Instrument :

MSVOA_X

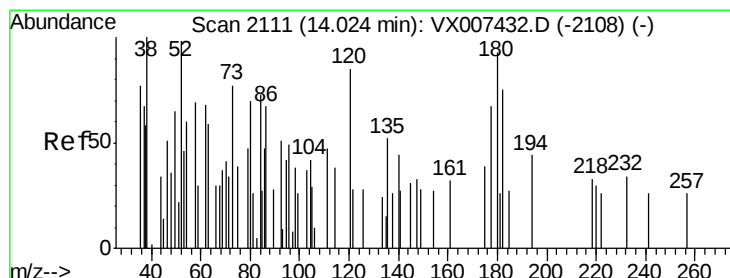
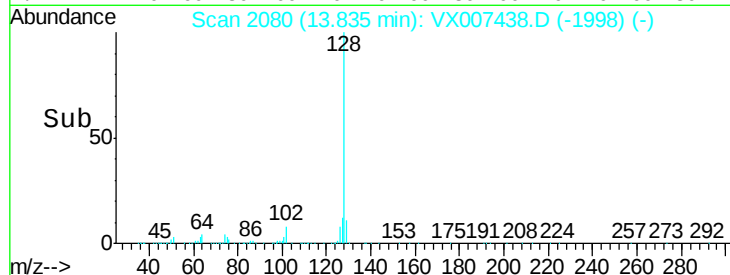
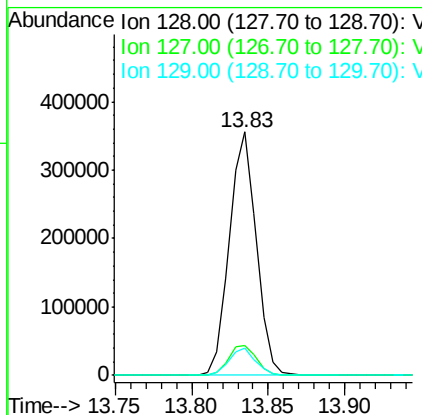
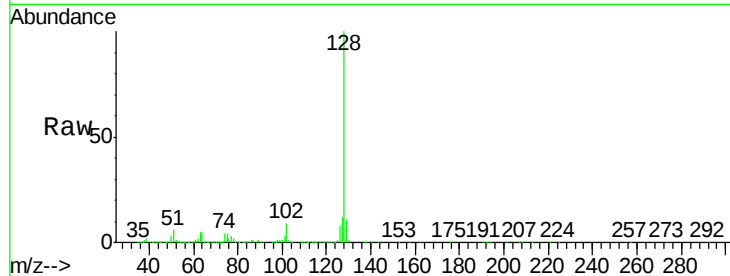
ClientSampleId :

VX0208WBS01

Tot Ion:	128	Resp:	434249
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
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2/11/2019 9:37:22 AM



#92

1,2,3-Trichlorobenzene

Concen: 19.039 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007438.D

Acq: 08 Feb 2019 13:30

Tgt Ion:	180	Resp:	137775
Ion Ratio	Lower	Upper	
180	100		
182	95.6	0.0	187.6
145	31.4	0.0	62.0

