

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008106.D
 Acq On : 15 Mar 2019 14:30
 Operator : JC/SP
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 10:33:03 AM

Quant Time: Mar 16 01:02:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42531	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	224554	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	196441	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	78638	28.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.77%
60) 4-Bromofluorobenzene	11.13	95	91919	29.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.73%
63) Toluene-d8	8.71	98	268025	29.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45484	18.014	ug/l 94
3) Chloromethane	1.33	50	40900	14.567	ug/l 99
4) Vinyl Chloride	1.41	62	43017	15.467	ug/l 100
5) Bromomethane	1.64	94	27116	19.557	ug/l 99
6) Chloroethane	1.73	64	26776	16.485	ug/l 94
7) Trichlorofluoromethane	1.93	101	60395	17.439	ug/l 99
8) Diethyl Ether	2.19	74	31233	17.512	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48480	18.619	ug/l 93
10) 1,1-Dichloroethene	2.38	96	46539	18.857	ug/l 95
11) Methyl Iodide	2.51	142	74683	19.331	ug/l 93
12) Methyl Acetate	2.78	43	62699	16.064	ug/l 95
13) Acrolein	2.30	56	34195	74.676	ug/l 99
14) Acrylonitrile	3.15	53	140812	84.986	ug/l 99
15) Acetone	2.45	58	41106	68.717	ug/l 94
16) Carbon Disulfide	2.57	76	128808	16.635	ug/l 100
17) Allyl chloride	2.73	41	76996	15.217	ug/l 93
18) Methylene Chloride	2.86	84	49786	17.708	ug/l 90
19) trans-1,2-Dichloroethene	3.17	96	48956	18.748	ug/l 97
20) Diisopropyl ether	3.87	45	158991	17.176	ug/l 95
21) 1,1-Dichloroethane	3.70	63	90847	18.046	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	56916	18.895	ug/l 95
23) tert-Butyl Alcohol	3.07	59	60208	90.073	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	151914	17.903	ug/l 94
25) Chloroform	5.21	83	92062	19.375	ug/l 95
26) Cyclohexane	5.58	56	80095	17.218	ug/l # 96
29) 1,1-Dichloropropene	5.80	75	67117	18.851	ug/l 99
30) 2-Butanone	4.70	43	203645	84.802	ug/l 99
31) 2,2-Dichloropropane	4.59	77	64010	19.464	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	76996	19.998	ug/l 100
33) Carbon Tetrachloride	5.78	117	67190	19.675	ug/l 97
34) Benzene	6.15	78	210606	19.302	ug/l 98
35) Methacrylonitrile	5.06	41	41041	17.538	ug/l 98
36) 1,2-Dichloroethane	6.20	62	68235	19.222	ug/l 98
37) Trichloroethene	7.21	130	60111	20.333	ug/l 98
38) Methylcyclohexane	7.46	83	83283	18.398	ug/l 98
39) 1,2-Dichloropropane	7.51	63	52537	18.463	ug/l 98
40) Dibromomethane	7.66	93	35382	19.602	ug/l 87

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Manual Integrations
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MMDadoda
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	65249	19.125	ug/l	98
42) Vinyl Acetate	3.82	43	686052	88.256	ug/l	99
43) Ethyl Acetate	4.85	43	74197	17.738	ug/l #	81
44) Isopropyl Acetate	6.46	43	112086	17.562	ug/l	96
45) 1,4-Dioxane	7.75	88	27450	411.089	ug/l	94
46) Methyl methacrylate	7.77	41	58927	17.555	ug/l	94
47) n-amyl Acetate	10.90	43	93979	17.090	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	68365	18.502	ug/l	96
49) cis-1,3-Dichloropropene	8.44	75	78695	18.808	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	55455	20.156	ug/l	96
51) Ethyl methacrylate	9.18	69	78492	18.812	ug/l	92
52) 1,3-Dichloropropane	9.37	76	87738	19.300	ug/l	99
53) Dibromochloromethane	9.58	129	55373	19.566	ug/l	98
54) 1,2-Dibromoethane	9.67	107	58464	20.326	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	180772	93.151	ug/l	99
56) Bromoform	10.86	173	45383	20.104	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	377773	93.406	ug/l	96
59) 2-Hexanone	9.49	43	290229	90.908	ug/l	96
61) Tetrachloroethene	9.34	164	62679	21.873	ug/l	96
62) Toluene	8.79	91	225302	19.642	ug/l	99
64) Chlorobenzene	10.14	112	148203	20.272	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	54539	20.836	ug/l	98
66) Ethyl Benzene	10.25	91	240028	19.482	ug/l	100
67) m/p-Xylenes	10.36	106	189679	40.149	ug/l	100
68) o-Xylene	10.70	106	90743	19.780	ug/l	99
69) Styrene	10.71	104	151612	20.058	ug/l	99
70) Isopropylbenzene	11.02	105	244636	19.957	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	81634	20.164	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	77071m	20.196	ug/l	
73) Bromobenzene	11.26	156	67783	20.799	ug/l	99
74) n-propylbenzene	11.36	91	267670	19.358	ug/l	100
75) 2-Chlorotoluene	11.42	91	162312	19.584	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	204377	20.117	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	22278	18.894	ug/l	91
78) 4-Chlorotoluene	11.51	91	183744	19.609	ug/l	98
79) tert-butylbenzene	12.06	119	218174	20.012	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	208216	20.194	ug/l	98
81) sec-Butylbenzene	11.94	105	239878	19.644	ug/l	99
82) p-Isopropyltoluene	12.06	119	218174	20.012	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	117858	20.312	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	119442	20.575	ug/l	99
85) n-Butylbenzene	12.39	91	171000	18.340	ug/l	99
86) Hexachloroethane	12.60	117	33761	19.006	ug/l	74
87) 1,2-Dichlorobenzene	12.39	146	118637	20.689	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16123	19.496	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	81210	19.706	ug/l	98
90) Hexachlorobutadiene	13.78	225	45803	20.152	ug/l	98
91) Naphthalene	13.83	128	242074	20.492	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	83898	20.482	ug/l	98

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ClientSampleId :
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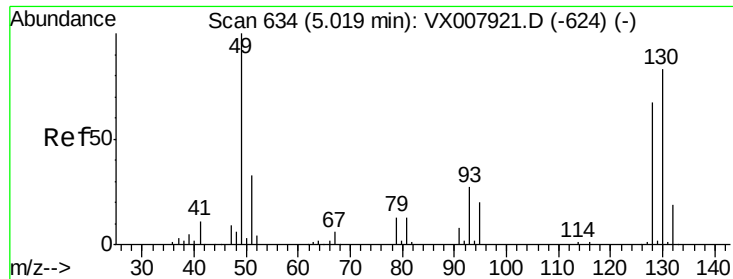
Manual Integrations
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MMDadoda
3/16/2019 10:33:03 AM

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QLast Update : Fri Mar 08 12:01:36 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: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

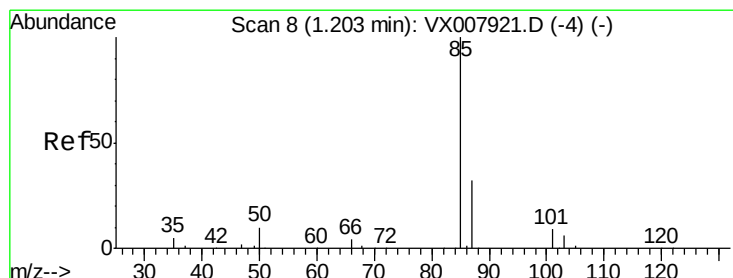
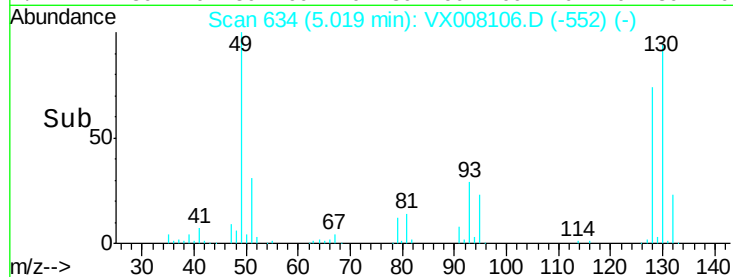
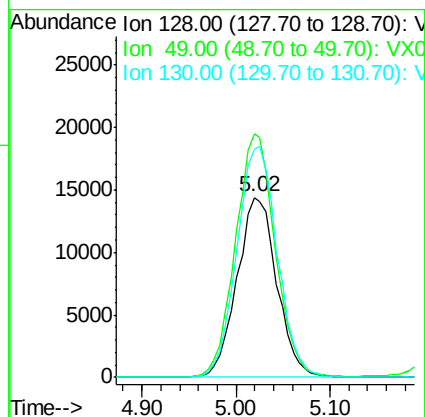
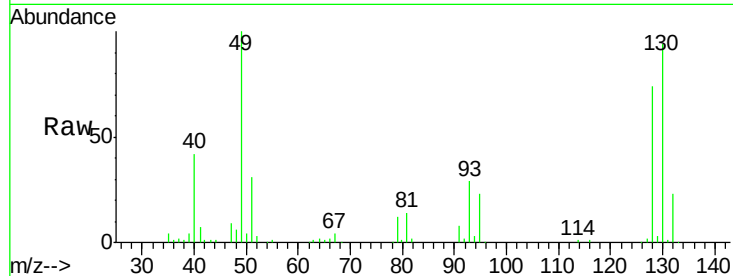
ClientSampleId :

VX0315WBS01

Tot Ion:	128	Resp:	42531
Ion	Ratio	Lower	Upper
128	100		
49	135.0	0.0	350.8
130	130.2	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 18.014 ug/l

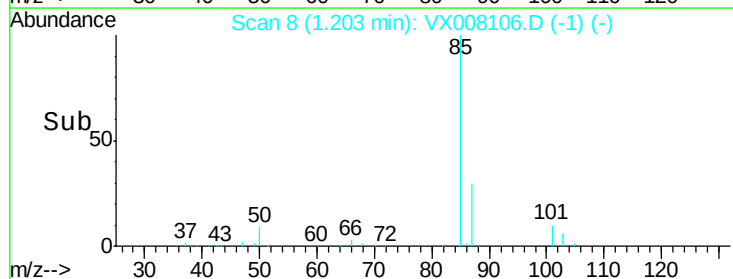
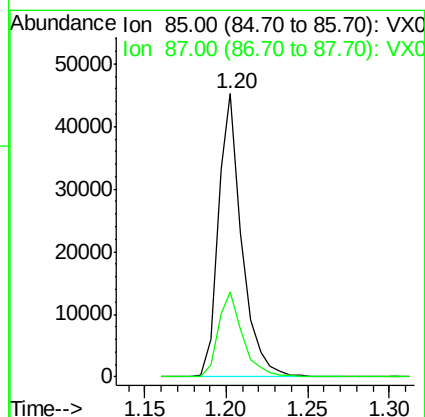
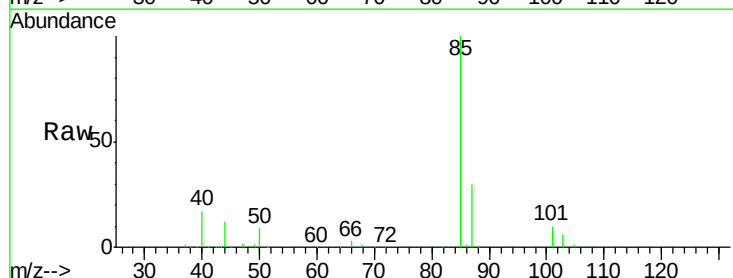
RT: 1.20 min Scan# 8

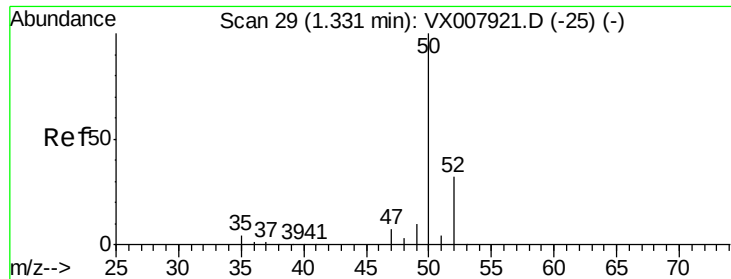
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	85	Resp:	45484
Ion	Ratio	Lower	Upper
85	100		
87	30.1	16.6	49.8





#3

Chloromethane

Concen: 14.567 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 50 Resp: 40900

Ion Ratio Lower Upper

50 100

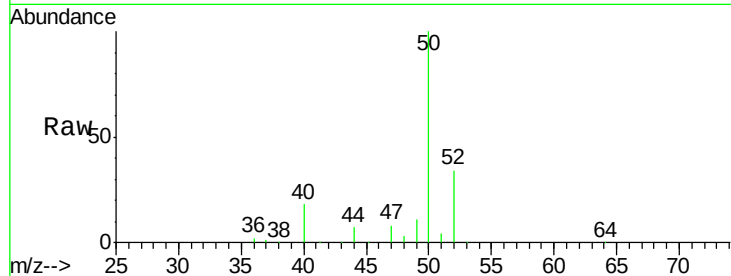
52 33.9 27.5 41.3

Manual Integrations

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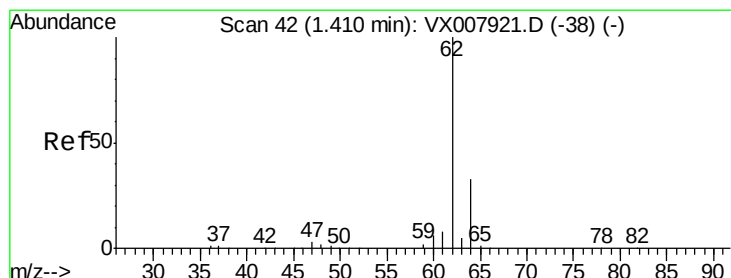
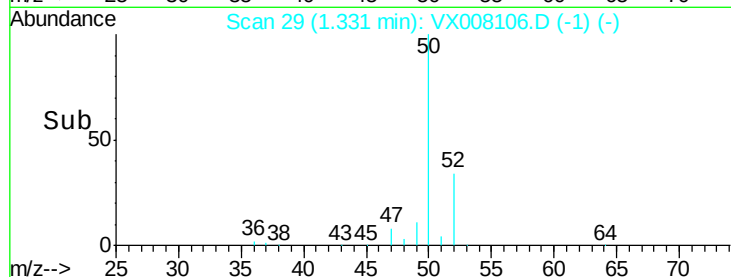
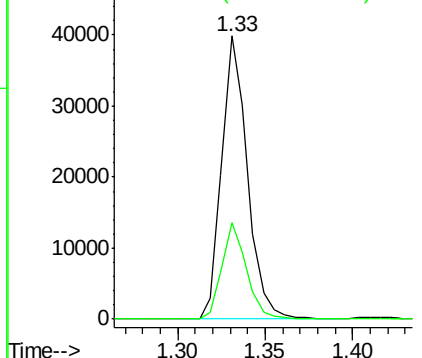
MMDadoda

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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 15.467 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008106.D

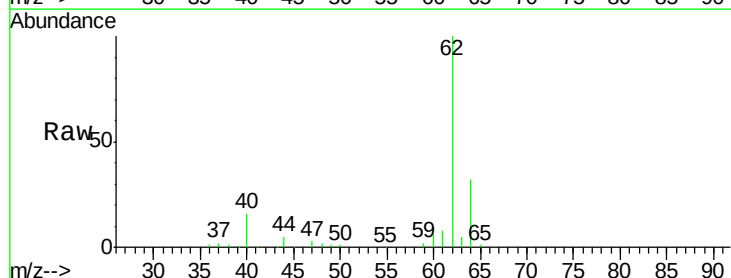
Acq: 15 Mar 2019 14:30

Tgt Ion: 62 Resp: 43017

Ion Ratio Lower Upper

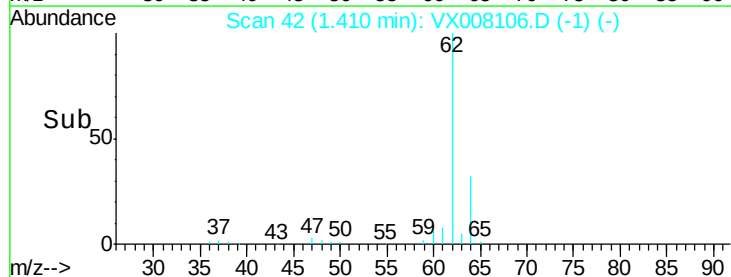
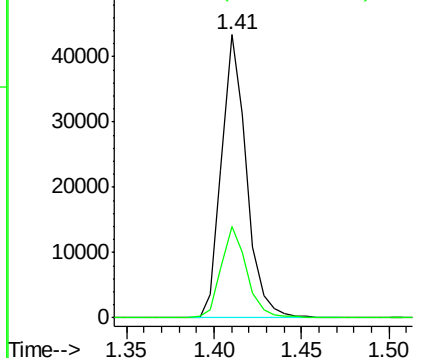
62 100

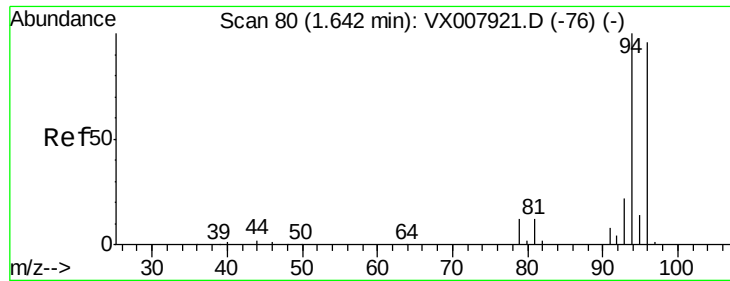
64 32.3 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 19.557 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 94 Resp: 27116

Ion Ratio Lower Upper

94 100

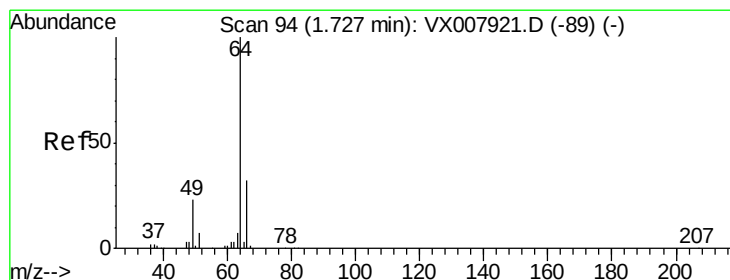
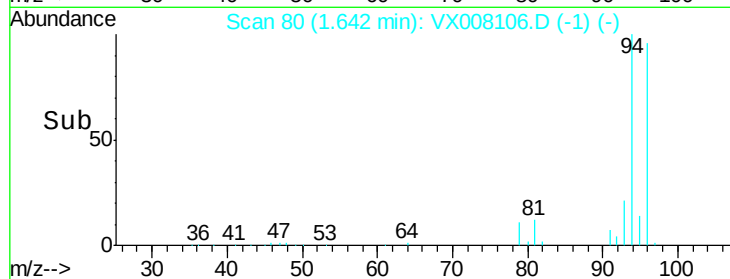
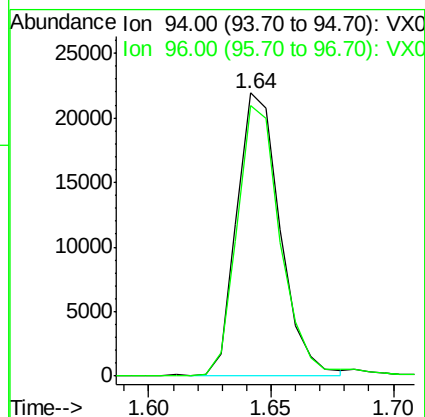
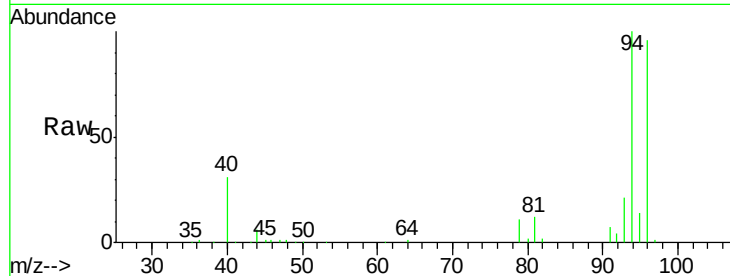
96 95.9 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 16.485 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX008106.D

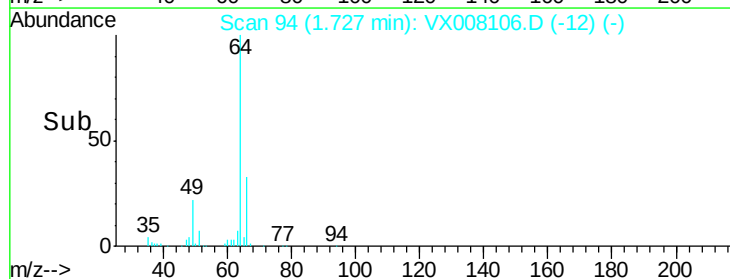
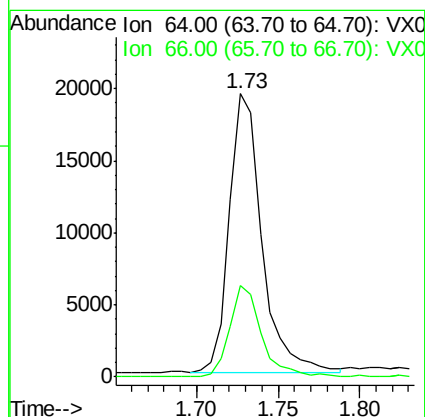
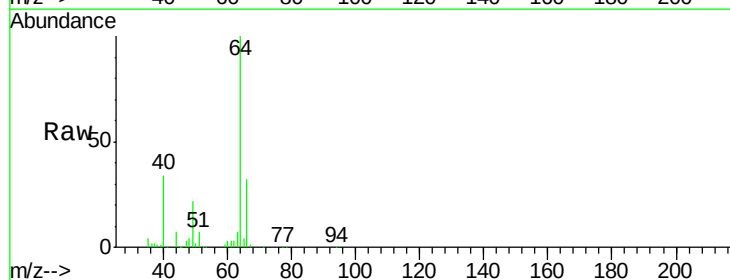
Acq: 15 Mar 2019 14:30

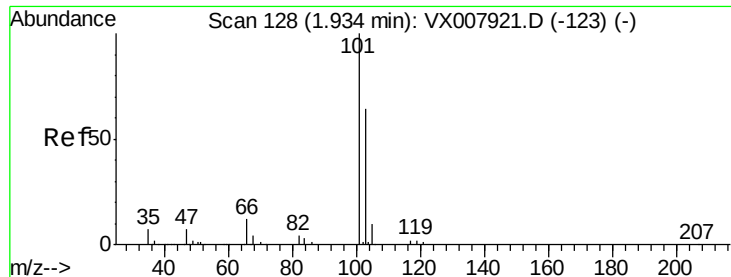
Tgt Ion: 64 Resp: 26776

Ion Ratio Lower Upper

64 100

66 33.0 23.9 35.9





#7

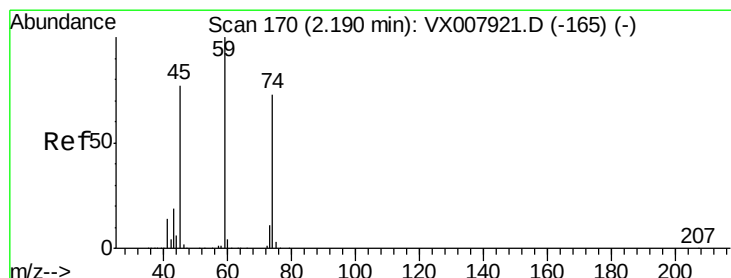
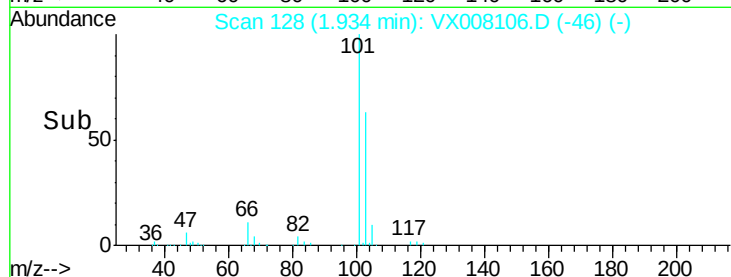
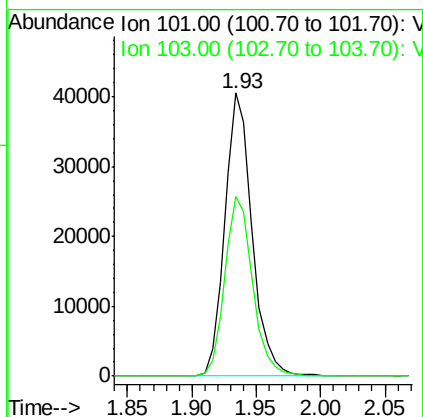
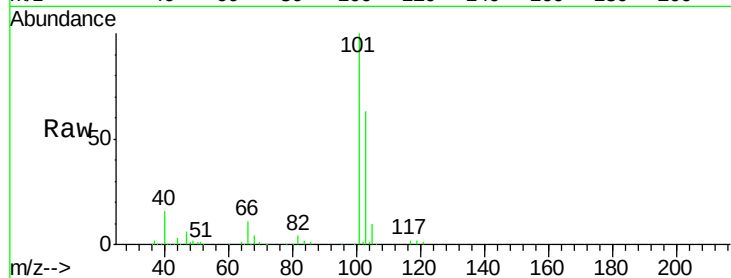
Trichlorofluoromethane
Concen: 17.439 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
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ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.4	75.6

Manual Integrations
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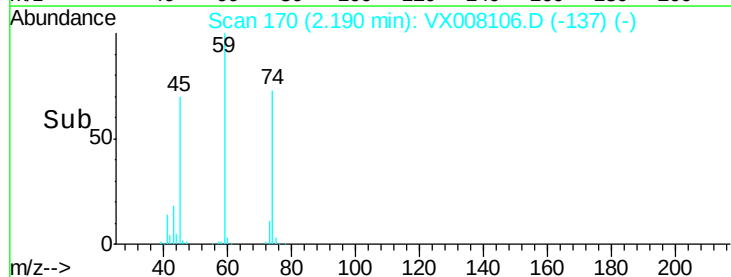
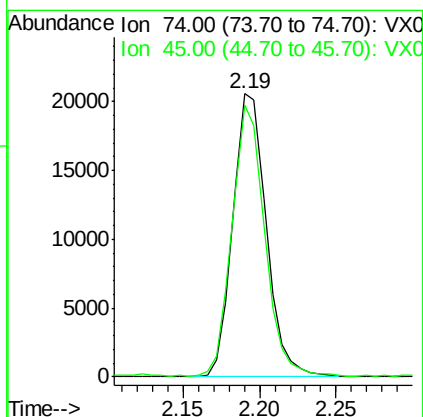
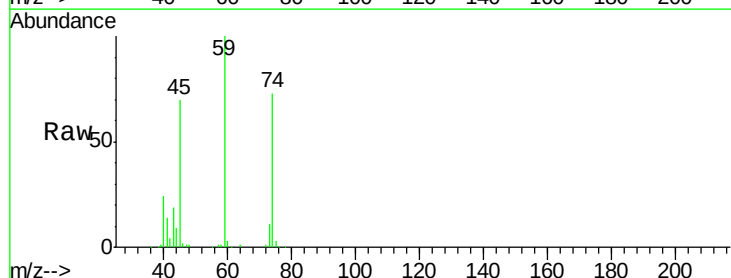
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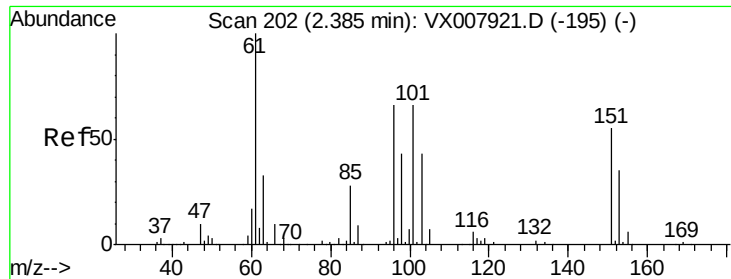


#8

Diethyl Ether
Concen: 17.512 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.619 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

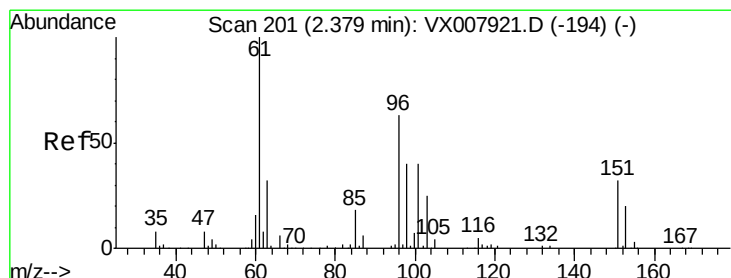
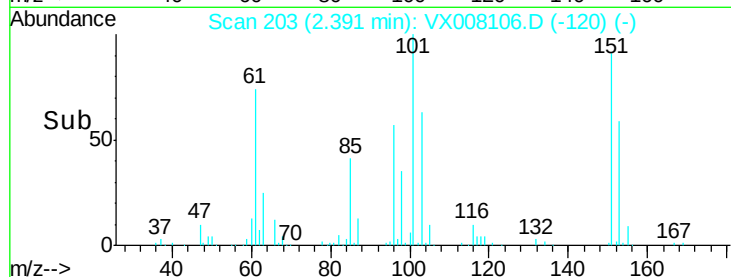
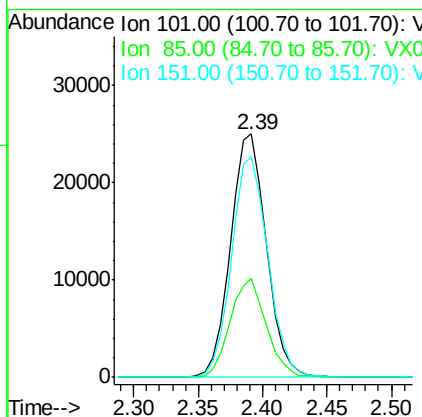
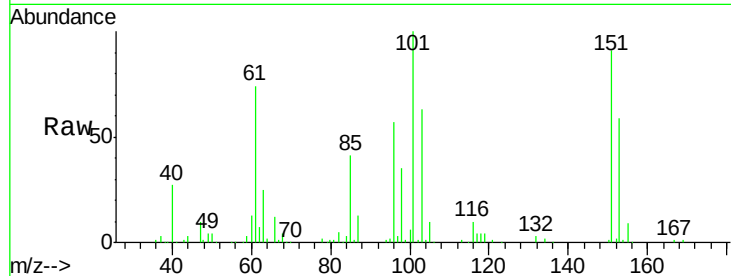
ClientSampleId :

VX0315WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	48480		
85	40.7		0.0	86.8
151	91.9		0.0	169.2

Manual Integrations
APPROVED

MMDadoda
3/16/2019 10:33:03 AM



#10

1,1-Dichloroethene

Concen: 18.857 ug/l

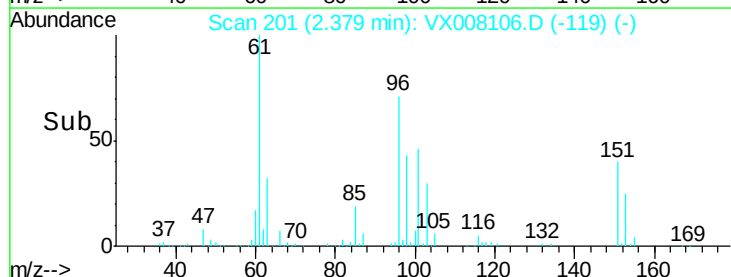
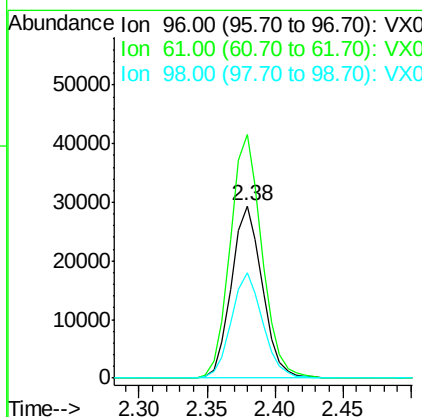
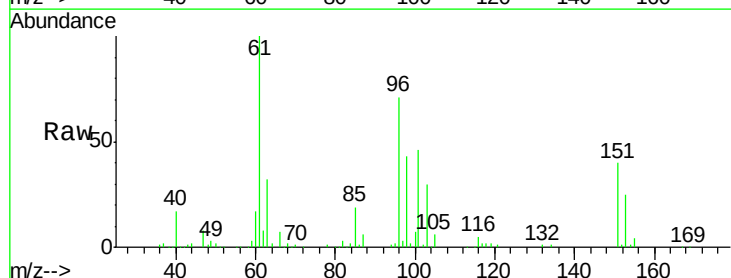
RT: 2.38 min Scan# 201

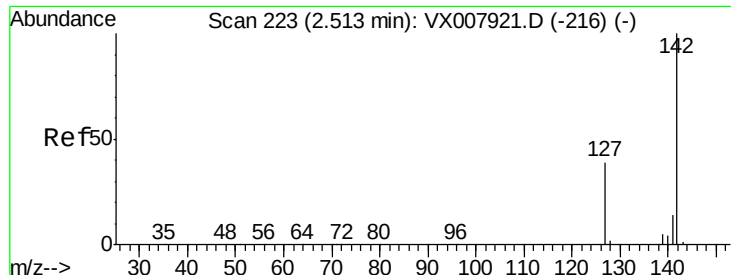
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	46539		
61	141.4		120.2	180.2
98	61.5		49.0	73.4





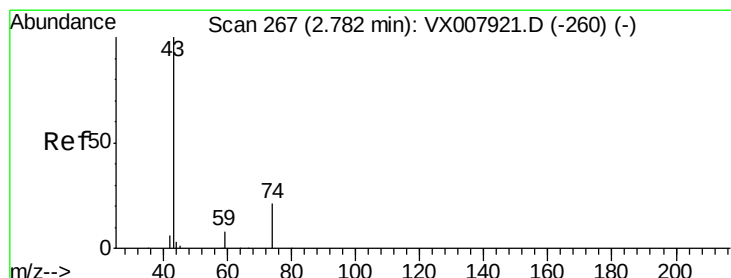
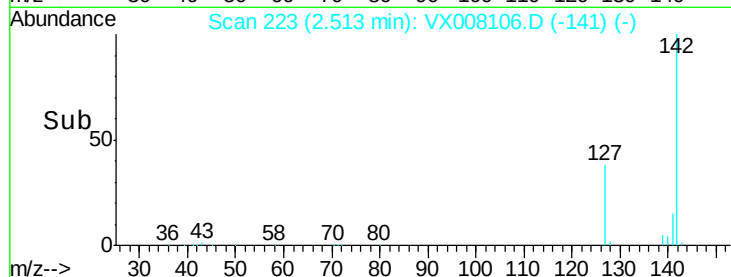
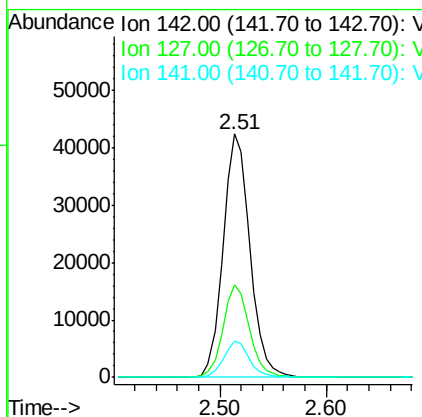
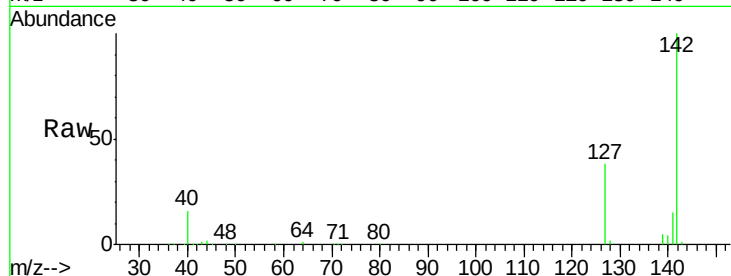
#11
Methvl Iodide
Concen: 19.331 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	22.1	66.5
141	14.7	7.4	22.3

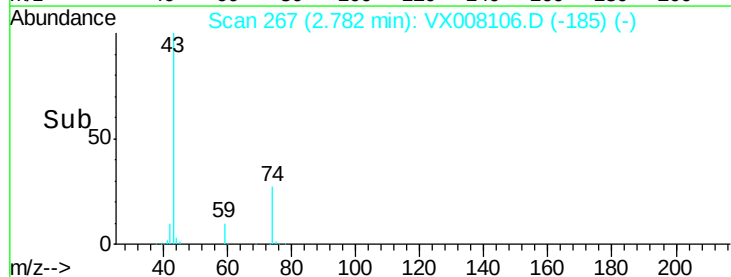
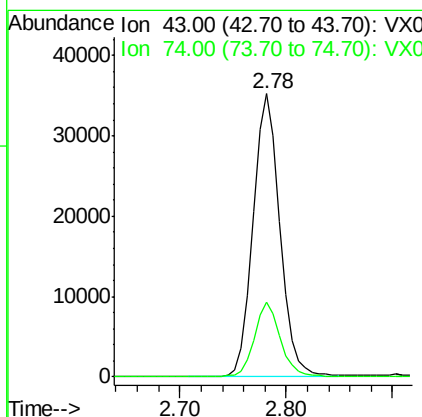
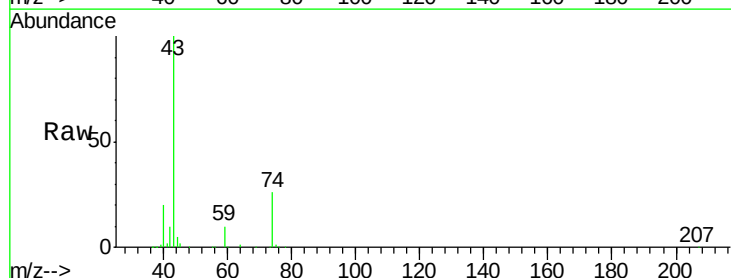
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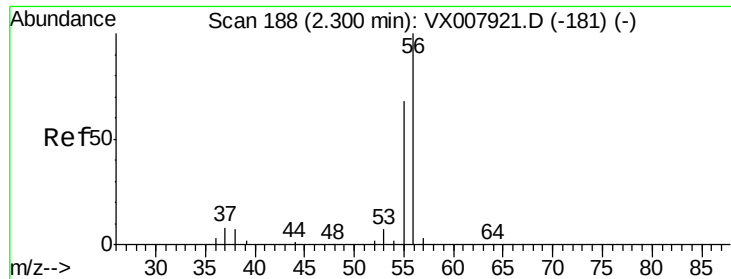
MMDadoda
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#12
Methyl Acetate
Concen: 16.064 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.4	29.0





#13

Acrolein

Concen: 74.676 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 56 Resp: 34195

Ion Ratio Lower Upper

56 100

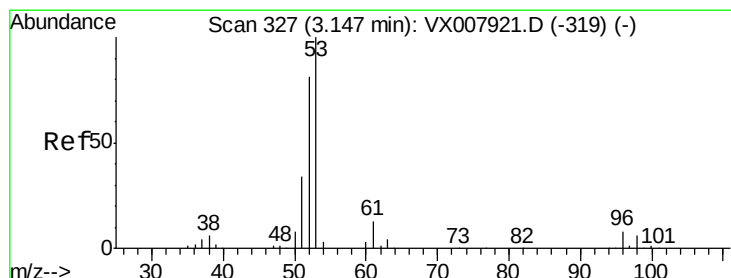
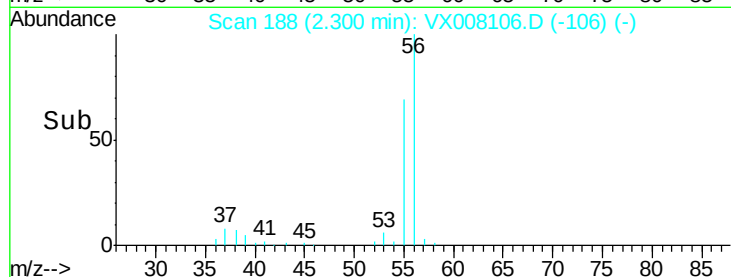
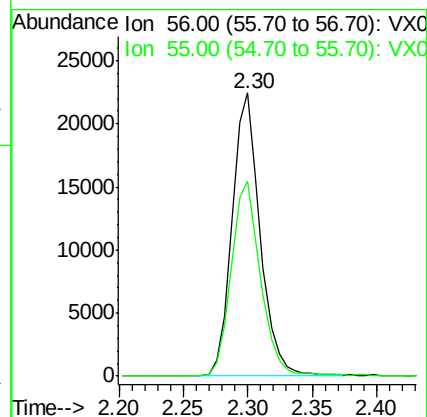
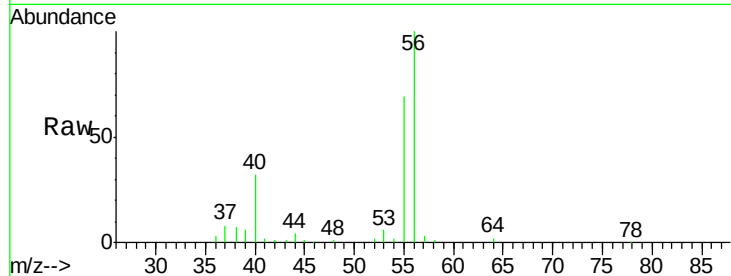
55 72.3 58.6 87.8

Manual Integrations

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#14

Acrylonitrile

Concen: 84.986 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

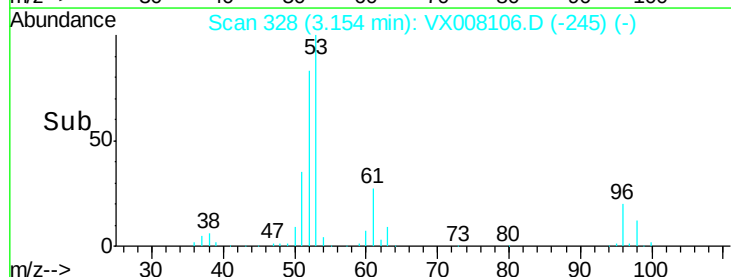
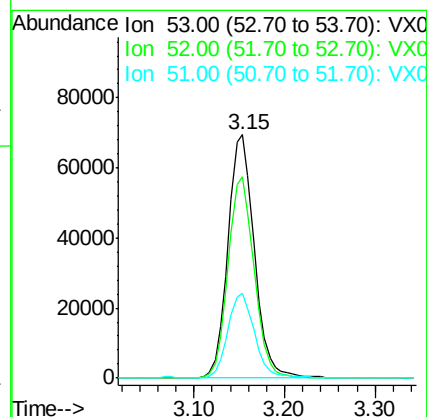
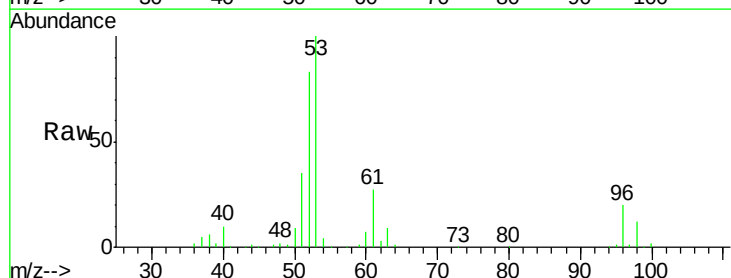
Tgt Ion: 53 Resp: 140812

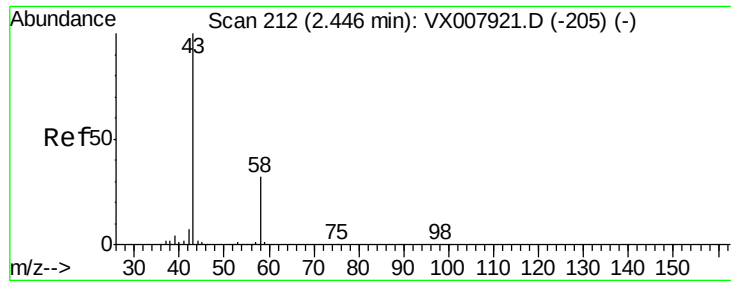
Ion Ratio Lower Upper

53 100

52 81.7 41.3 124.1

51 34.8 17.5 52.6





#15

Acetone

Concen: 68.717 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 58 Resp: 41106

Ion Ratio Lower Upper

58 100

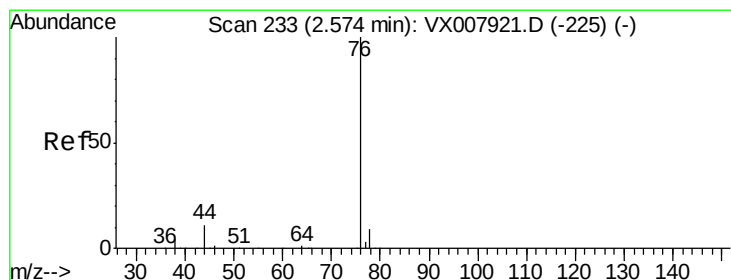
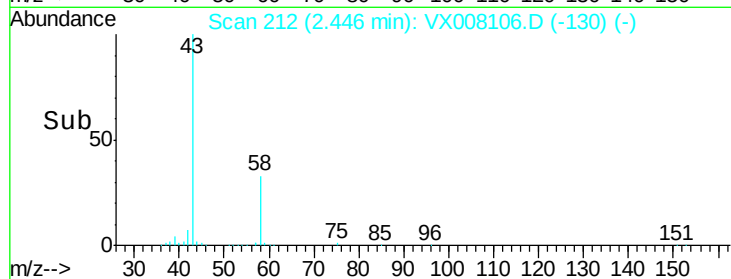
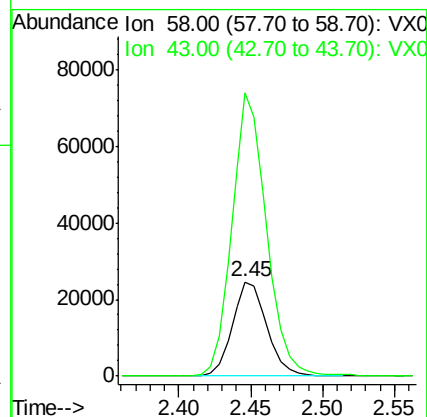
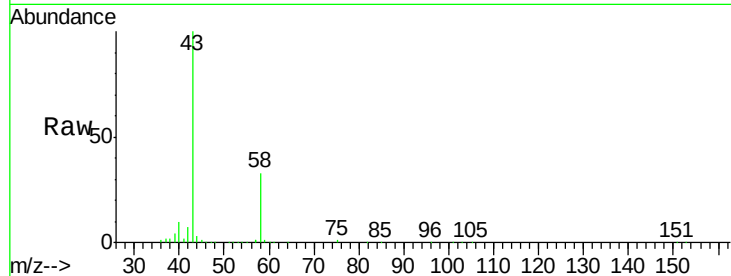
43 299.6 249.8 374.6

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#16

Carbon Disulfide

Concen: 16.635 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008106.D

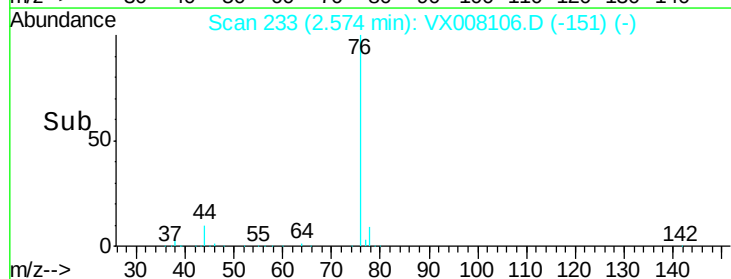
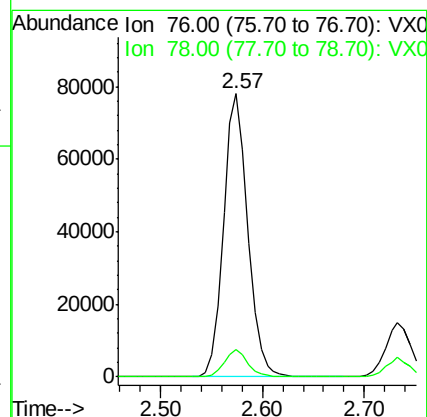
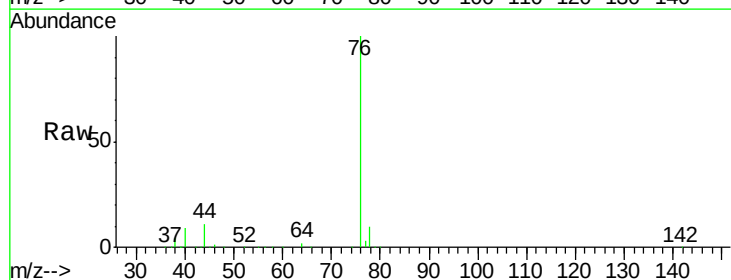
Acq: 15 Mar 2019 14:30

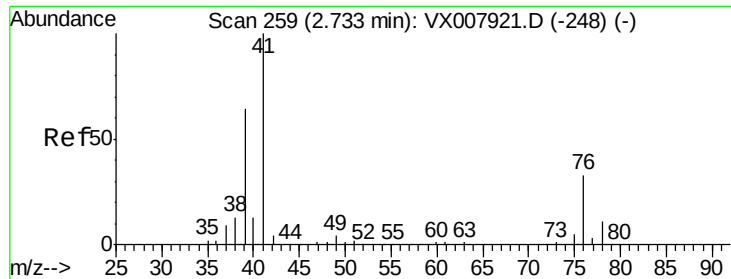
Tgt Ion: 76 Resp: 128808

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#17

Allvl chloride

Concen: 15.217 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

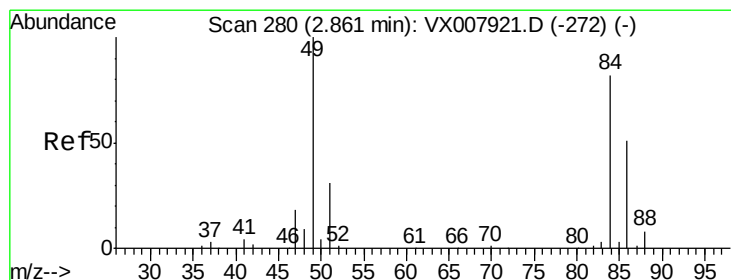
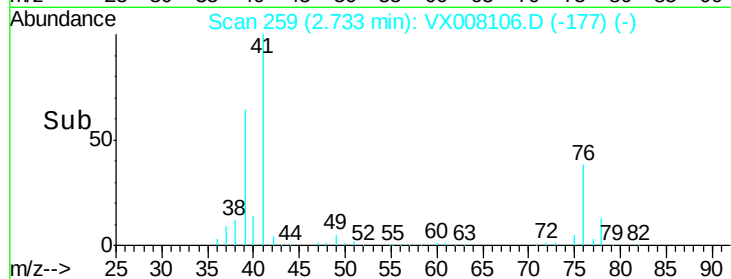
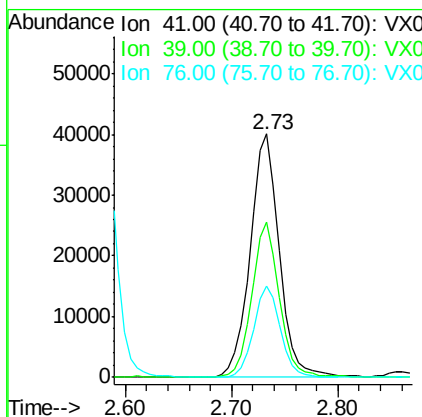
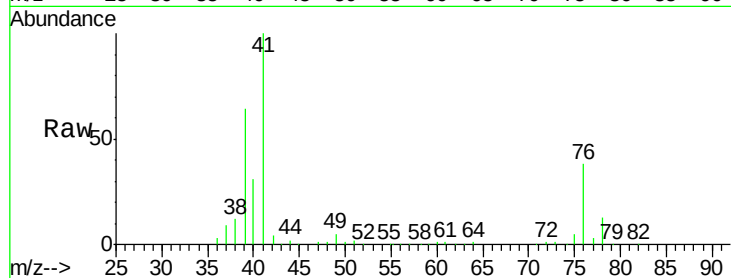
ClientSampled :

VX0315WBS01

Tot Ion:	41	Resp:	76996
Ion	Ratio	Lower	Upper
41	100		
39	63.7	35.8	107.4
76	37.5	18.3	54.9

Manual Integrations
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#18

Methylene Chloride

Concen: 17.708 ug/l

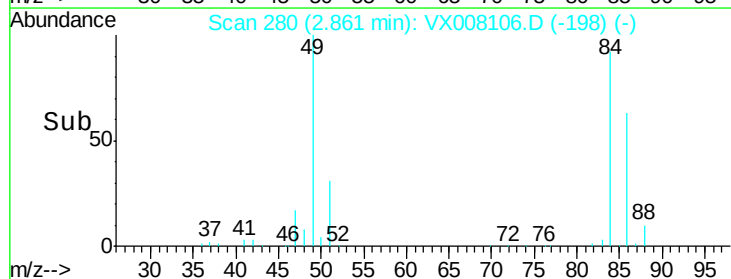
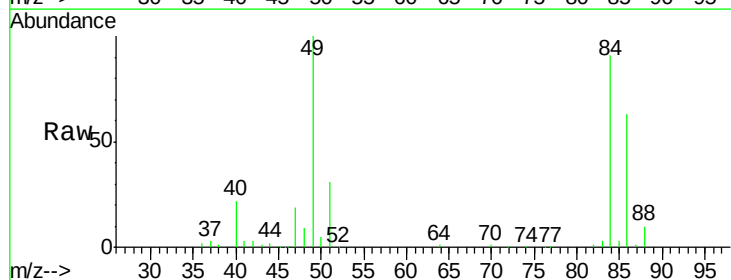
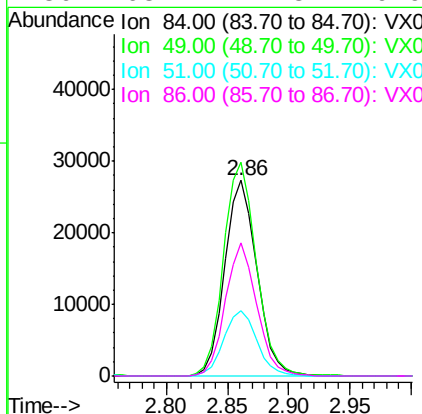
RT: 2.86 min Scan# 280

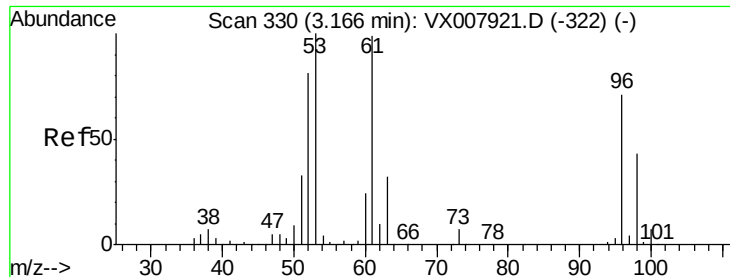
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	84	Resp:	49786
Ion	Ratio	Lower	Upper
84	100		
49	109.1	96.1	144.1
51	33.4	29.1	43.7
86	68.4	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 18.748 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 96 Resp: 48956

Ion Ratio Lower Upper

96 100

61 133.6 109.9 164.9

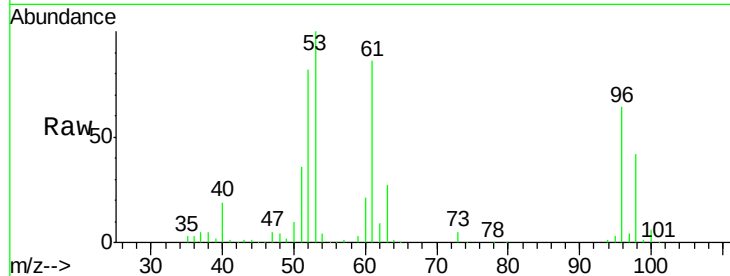
98 64.9 50.4 75.6

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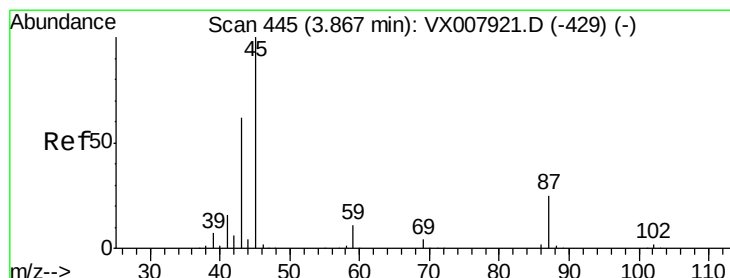
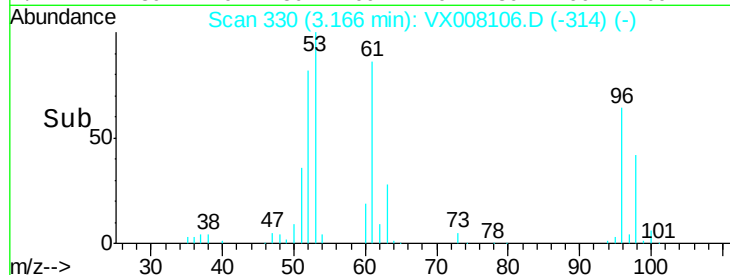
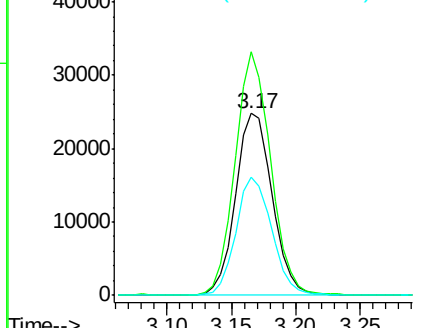
3/16/2019 10:33:03 AM



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 17.176 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion: 45 Resp: 158991

Ion Ratio Lower Upper

45 100

43 57.5 50.6 76.0

87 29.5 24.5 36.7

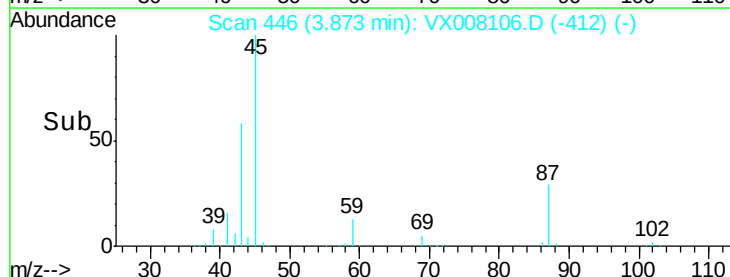
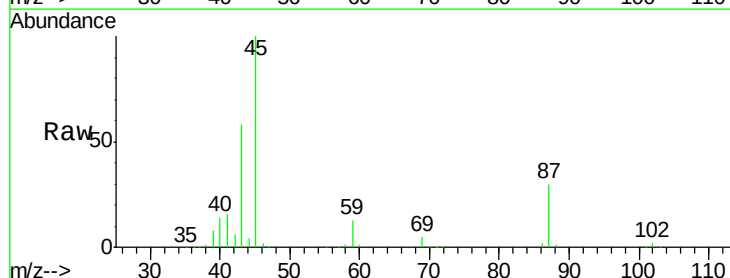
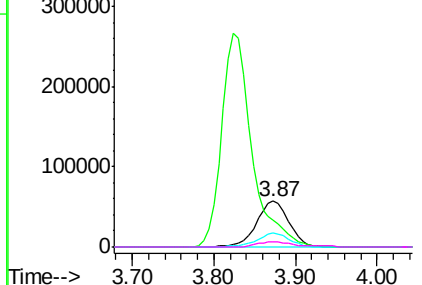
59 12.5 10.2 15.2

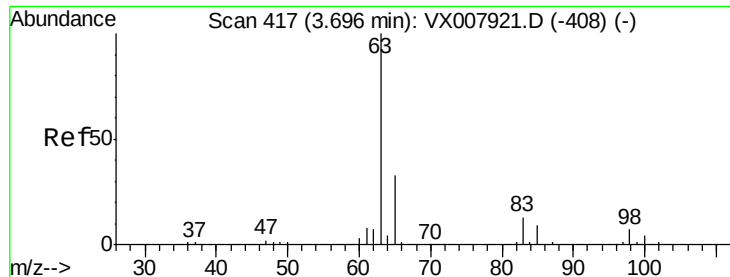
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.046 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

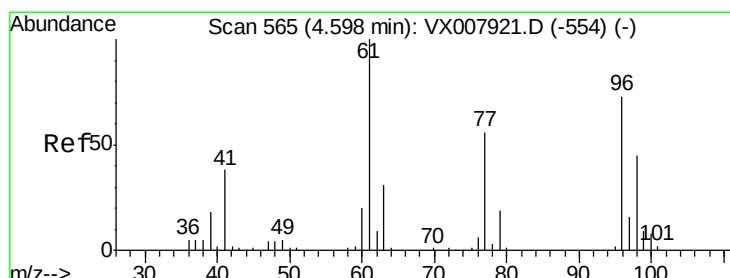
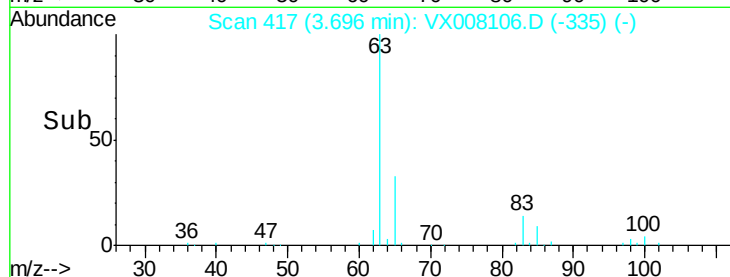
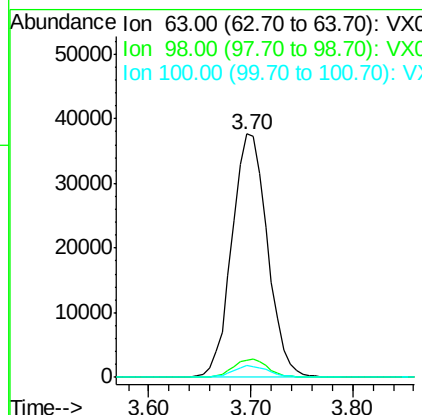
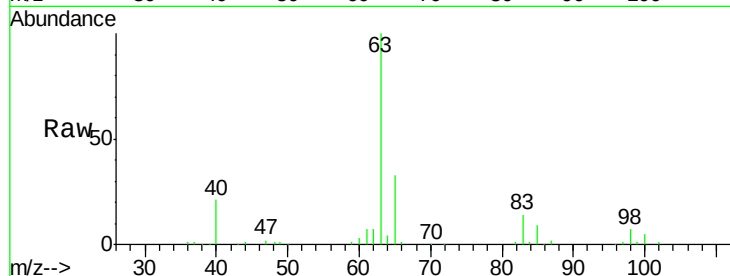
ClientSampleId :

VX0315WBS01

Tot Ion:	63	Resp:	90847
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.8	11.4
100	4.7	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 18.895 ug/l

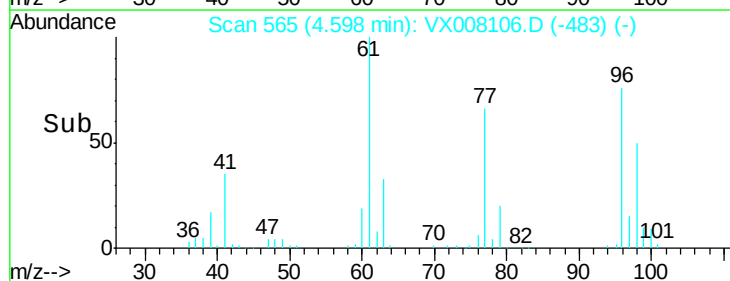
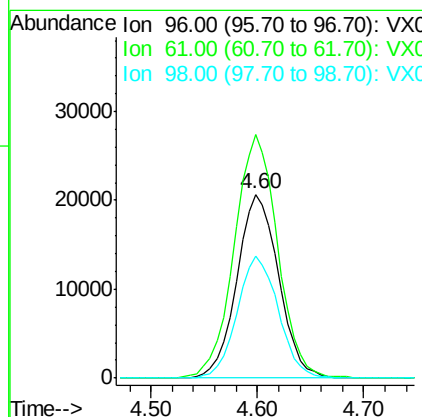
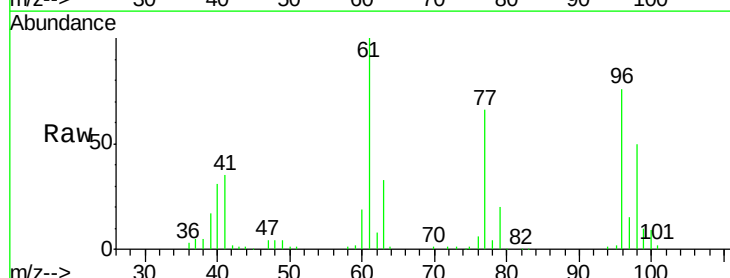
RT: 4.60 min Scan# 565

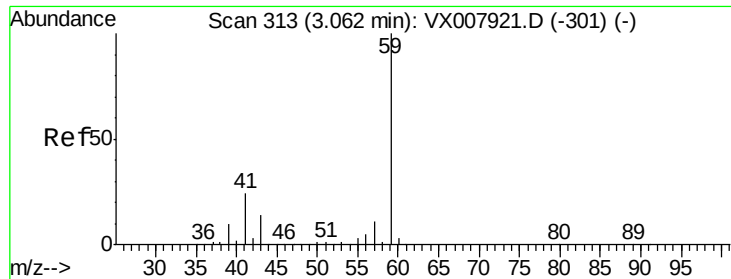
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	96	Resp:	56916
Ion Ratio	Lower	Upper	
96	100		
61	137.2	103.5	155.3
98	65.4	52.1	78.1





#23

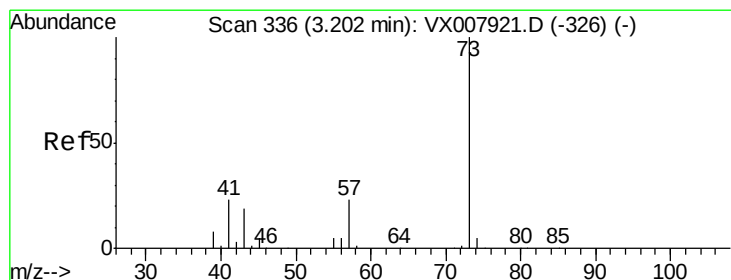
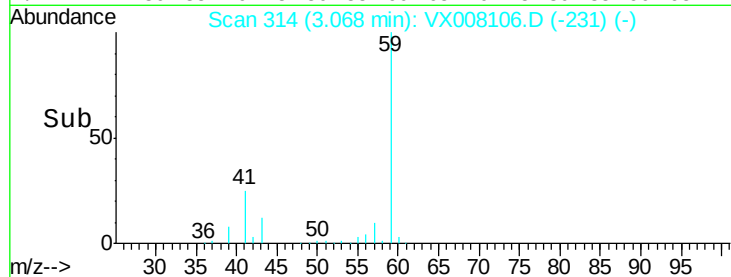
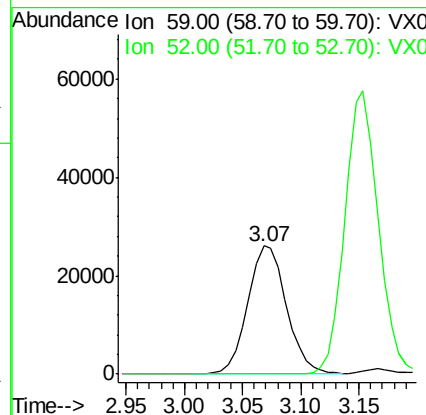
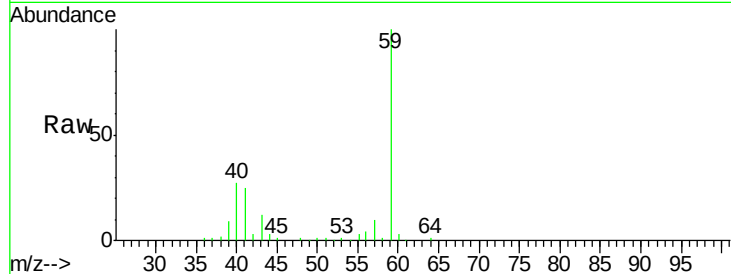
tert-Butyl Alcohol
 Concen: 90.073 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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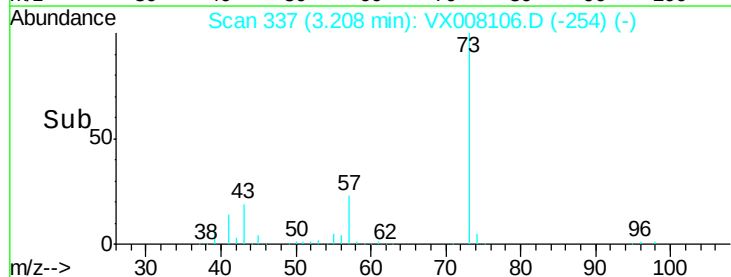
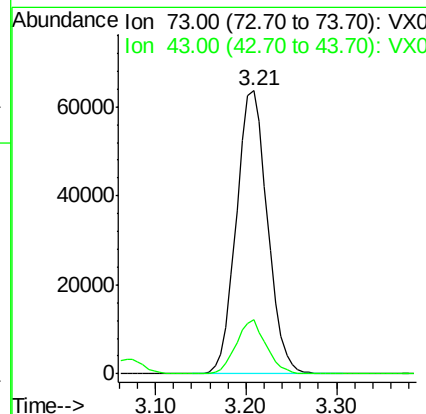
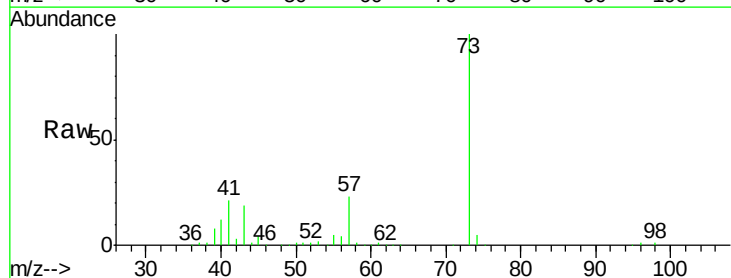
MMDadoda
 3/16/2019 10:33:03 AM

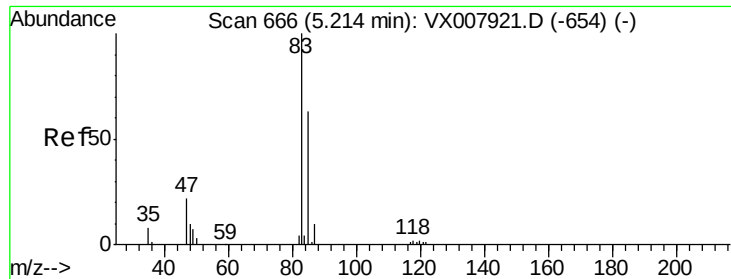


#24

Methyl tert-Butyl Ether
 Concen: 17.903 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.4	17.1	25.7





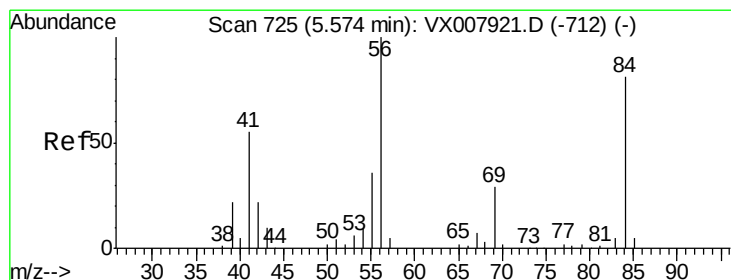
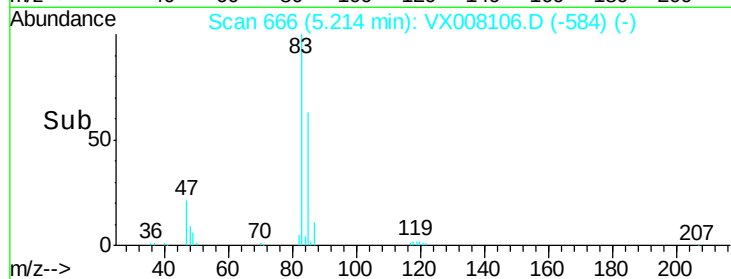
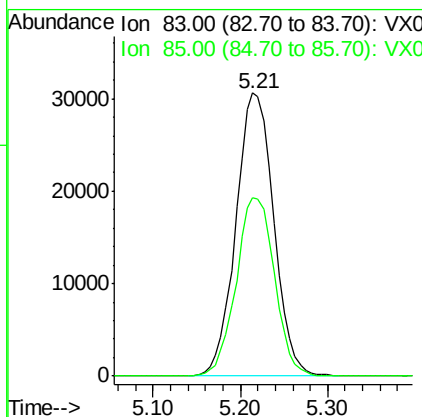
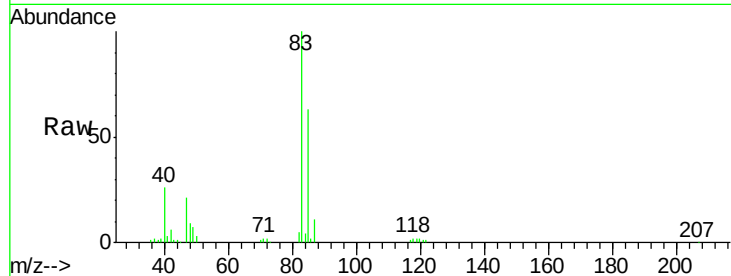
#25
Chloroform
Concen: 19.375 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 83 Resp: 92062
Ion Ratio Lower Upper
83 100
85 63.2 53.8 80.6

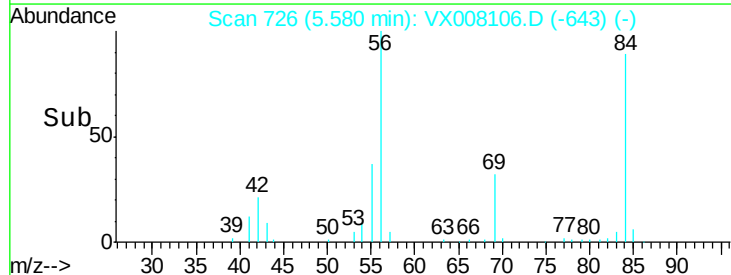
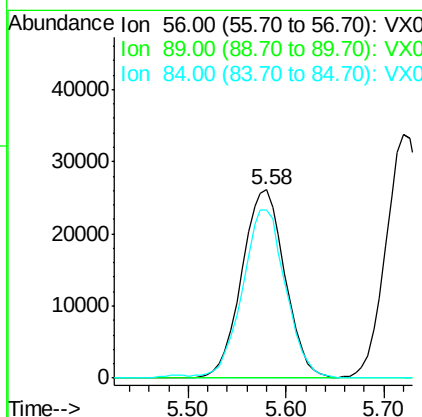
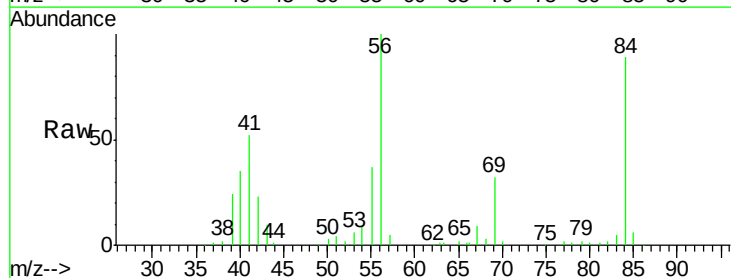
Manual Integrations
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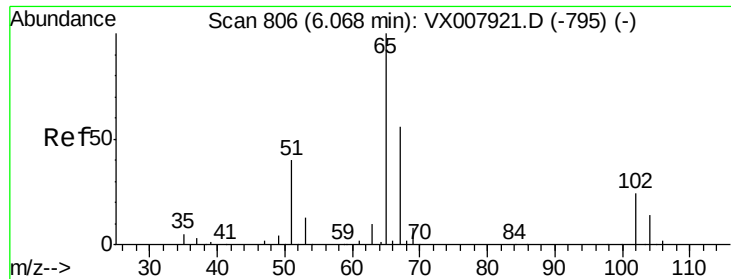
MMDadoda
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#26
Cyclohexane
Concen: 17.218 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 56 Resp: 80095
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 28.130 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

Tot Ion: 65 Resp: 78638

Ion Ratio Lower Upper

65 100

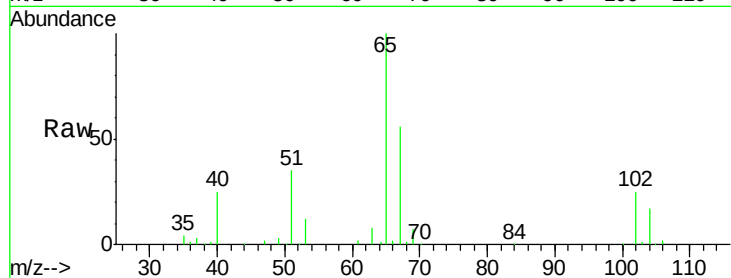
67 54.3 42.9 64.3

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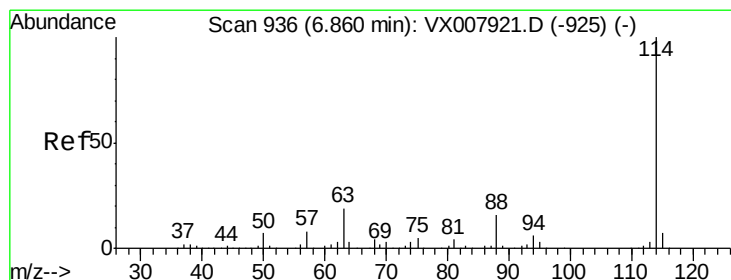
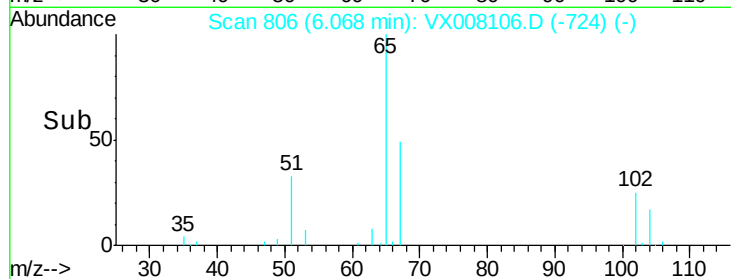
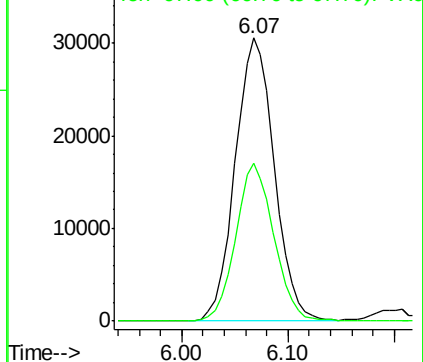
MMDadoda

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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: VX008106.D

Acq: 15 Mar 2019 14:30

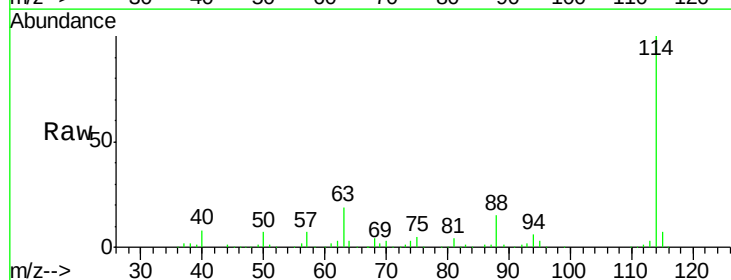
Tgt Ion: 114 Resp: 224554

Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

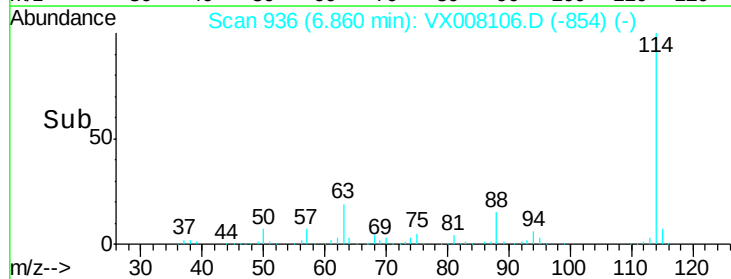
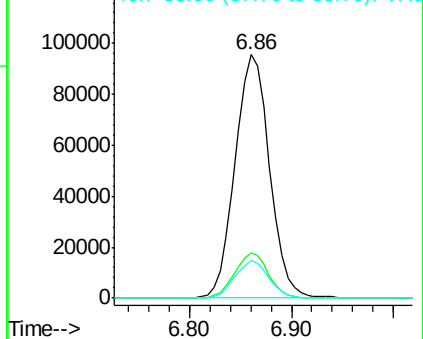
88 15.2 11.9 17.9

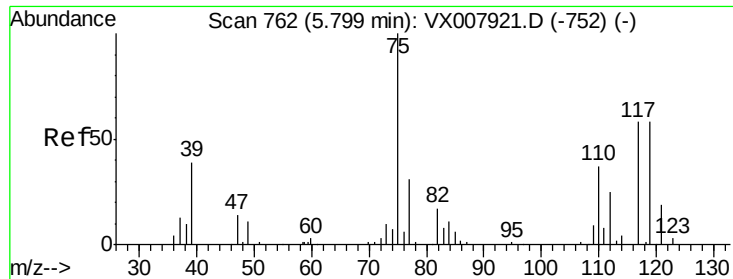


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





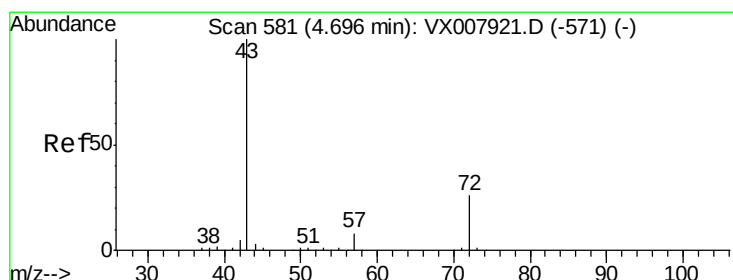
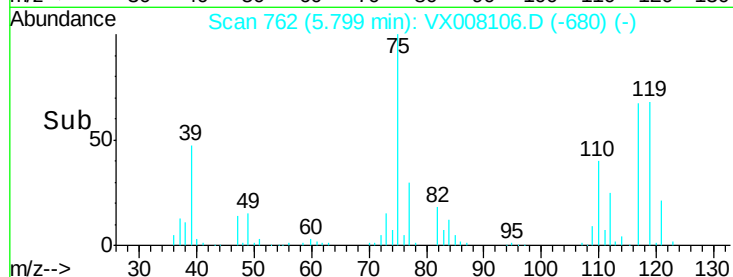
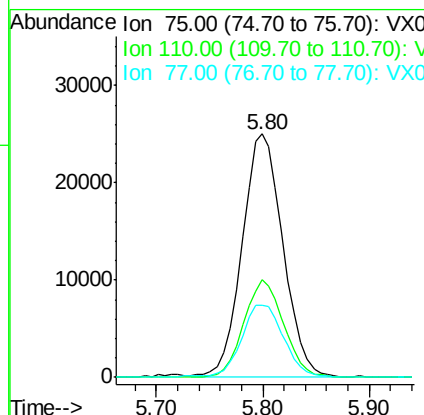
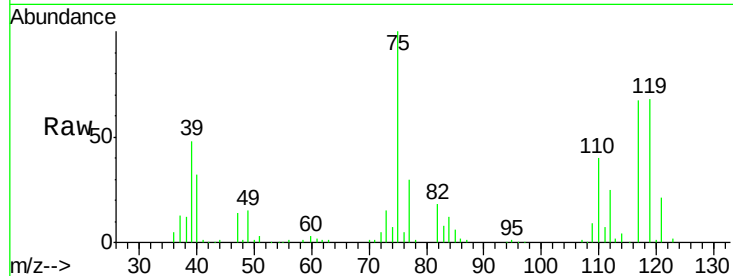
#29
 1,1-Dichloropropene
 Concen: 18.851 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	39.3	0.0	80.8
77	30.8	0.0	62.4

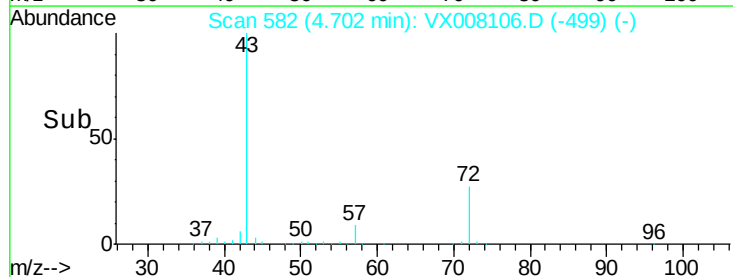
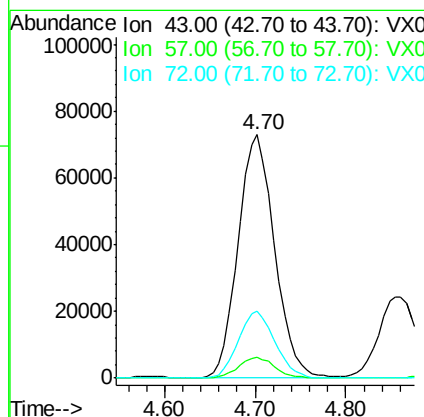
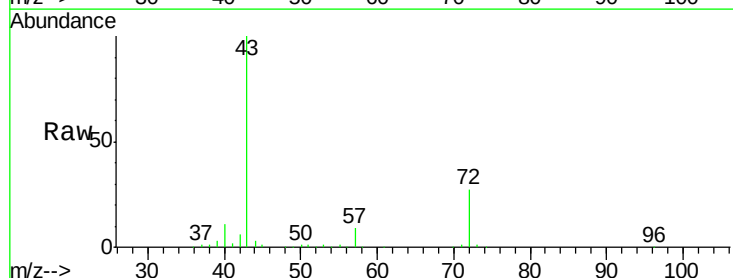
Manual Integrations
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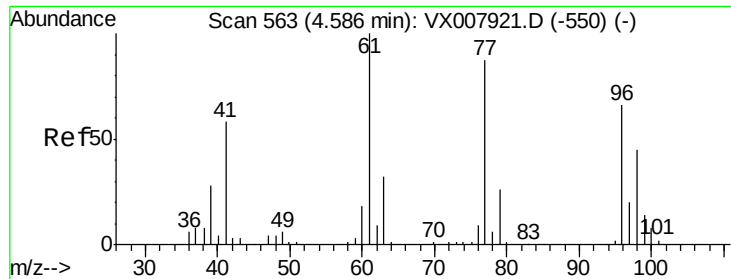
MMDadoda
 3/16/2019 10:33:03 AM



#30
 2-Butanone
 Concen: 84.802 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.6	7.0	10.6
72	27.8	21.5	32.3





#31

2,2-Dichloropropane

Concen: 19.464 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 77 Resp: 64010

Ion Ratio Lower Upper

77 100

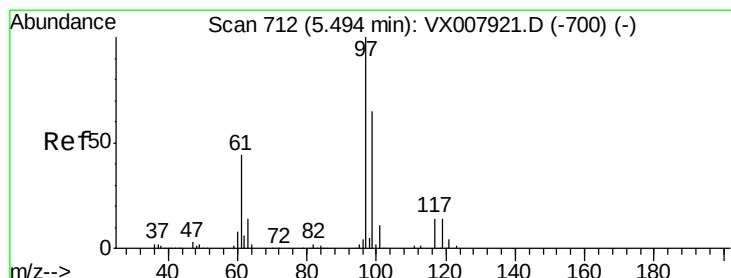
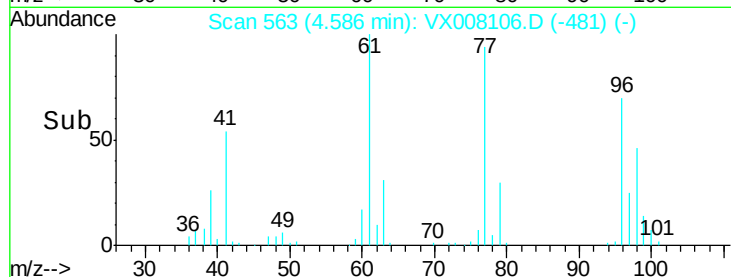
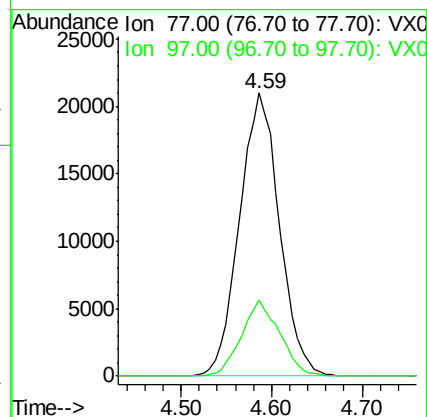
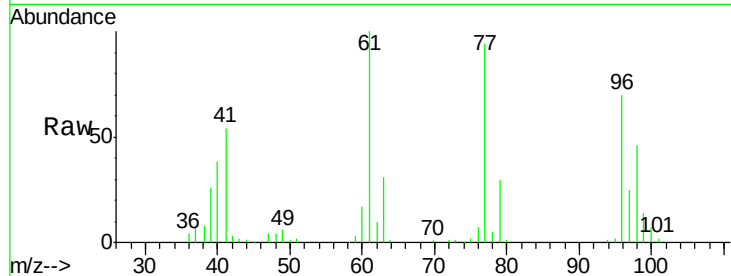
97 25.8 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 19.998 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

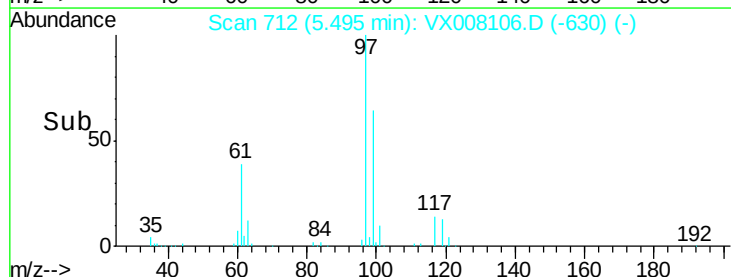
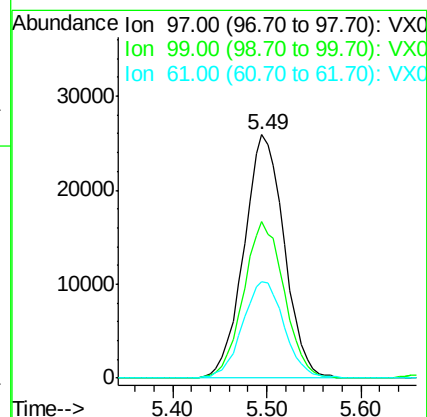
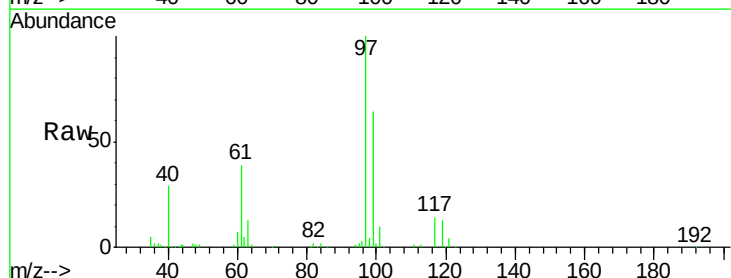
Tgt Ion: 97 Resp: 76996

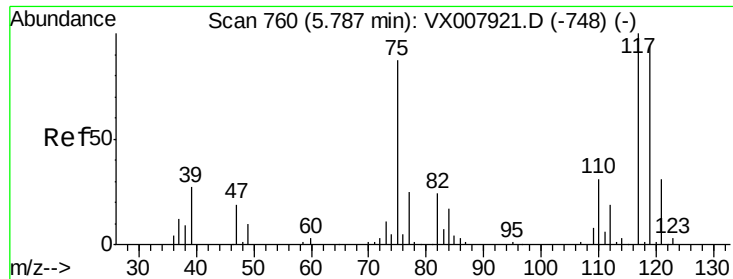
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 40.8 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.675 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

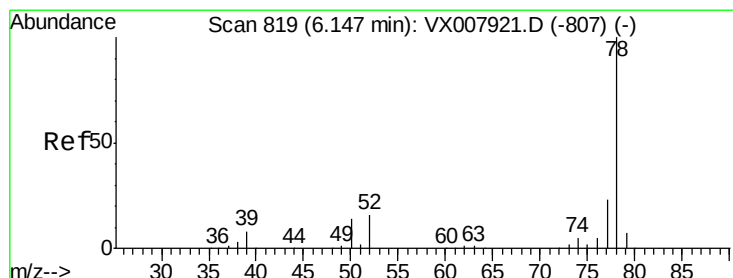
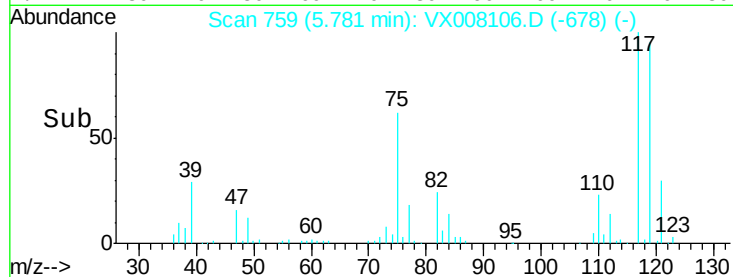
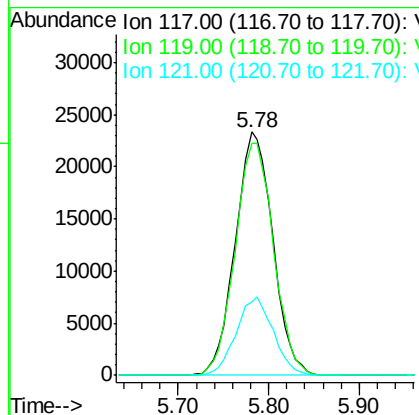
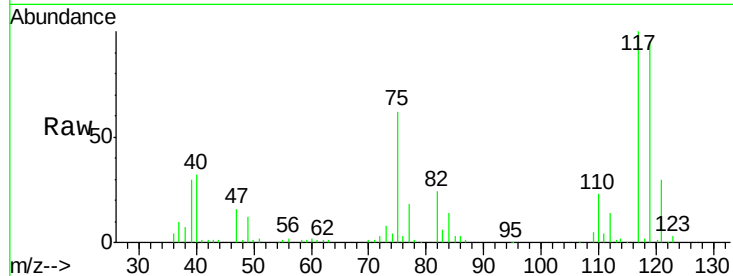
ClientSampleId :

VX0315WBS01

Tot Ion:117 Resp: 67190
 Ion Ratio Lower Upper
 117 100
 119 95.2 78.1 117.1
 121 30.2 27.0 40.6

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#34

Benzene

Concen: 19.302 ug/l

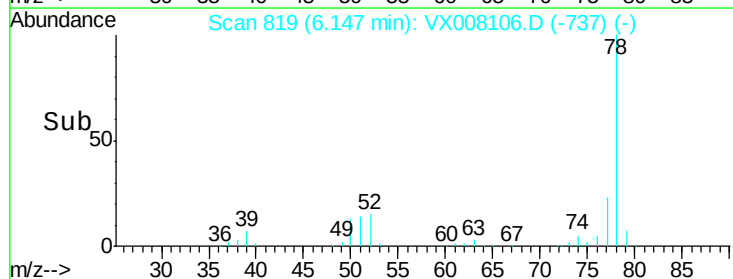
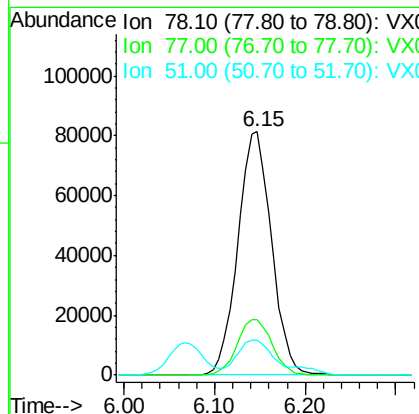
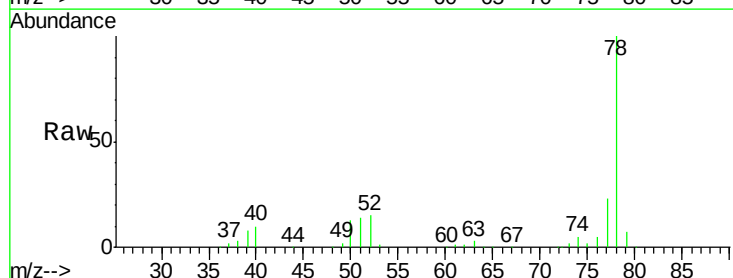
RT: 6.15 min Scan# 819

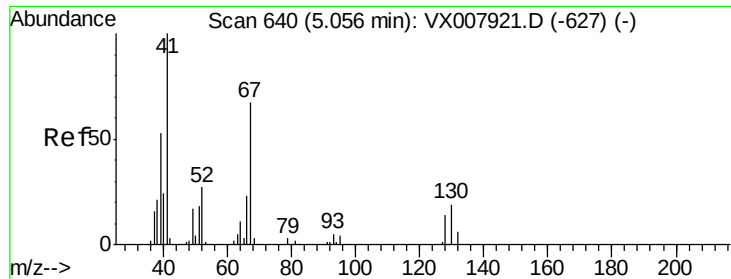
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion: 78 Resp: 210606
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.1 28.7
 51 13.9 10.8 16.2





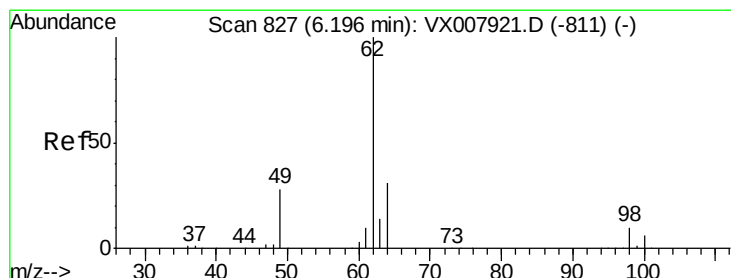
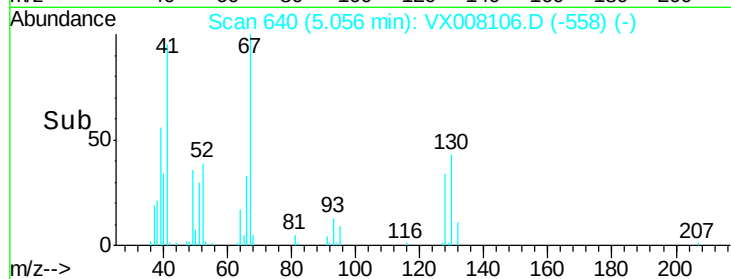
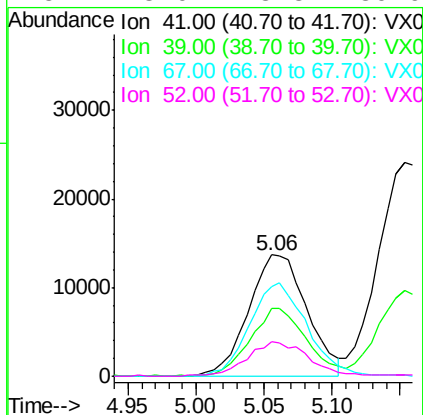
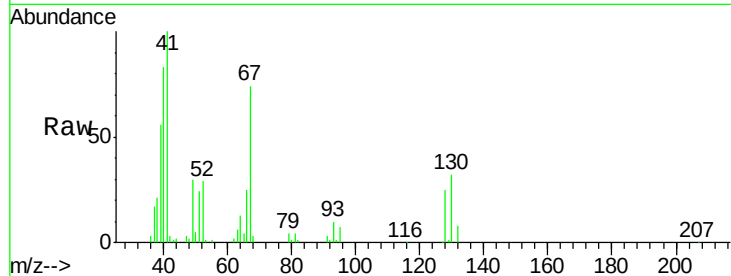
#35
Methacrylonitrile
Concen: 17.538 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41041	41	100		
	39	55.8	27.4	82.0
	67	74.3	37.9	113.6
	52	28.0	13.3	39.9

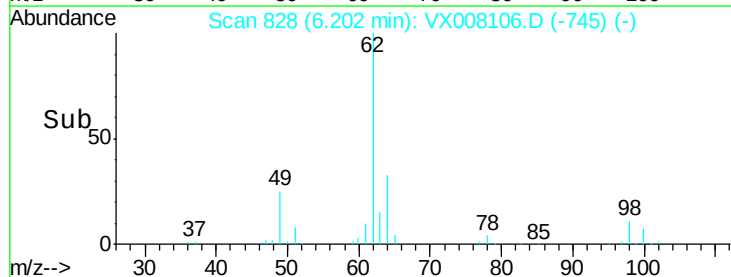
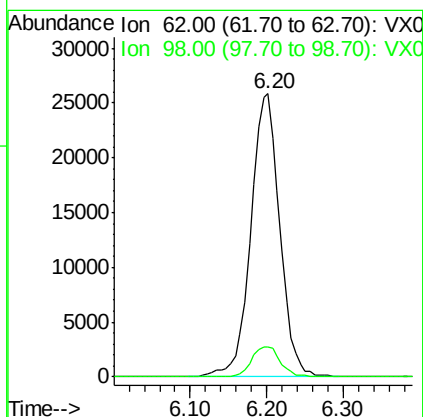
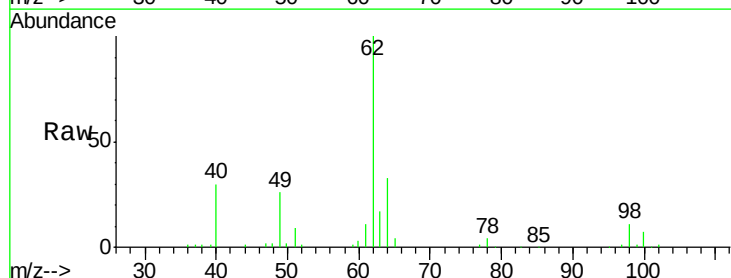
Manual Integrations
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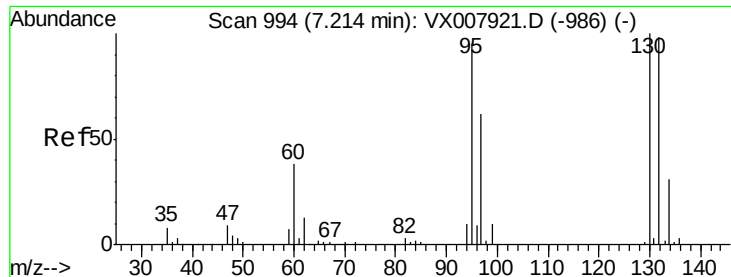
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.222 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ion	Ratio	Lower	Upper
68235	62	100		
	98	10.5	7.8	11.8





#37

Trichloroethene

Concen: 20.333 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:130 Resp: 60111

Ion Ratio Lower Upper

130 100

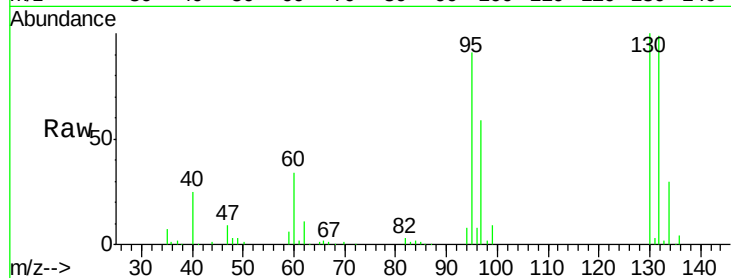
95 90.8 71.3 106.9

Manual Integrations

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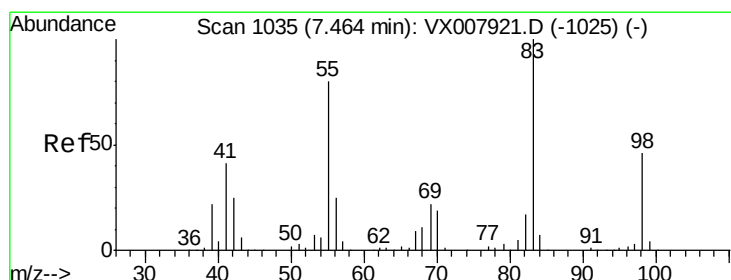
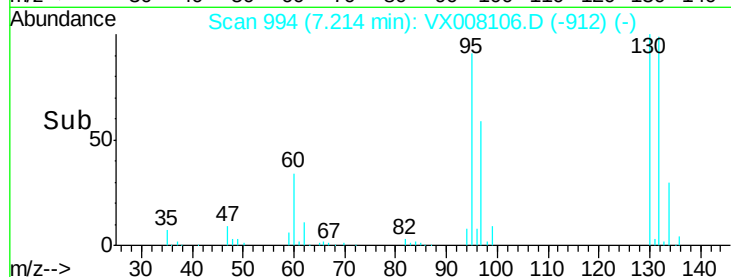
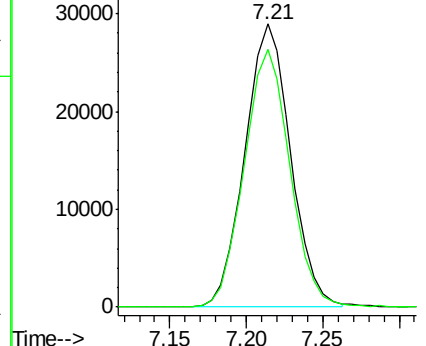
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.398 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

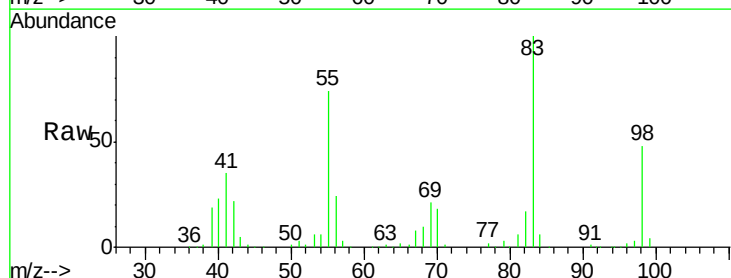
Tgt Ion: 83 Resp: 83283

Ion Ratio Lower Upper

83 100

55 74.3 36.0 108.0

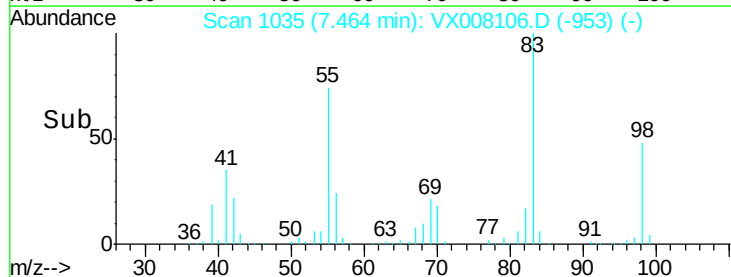
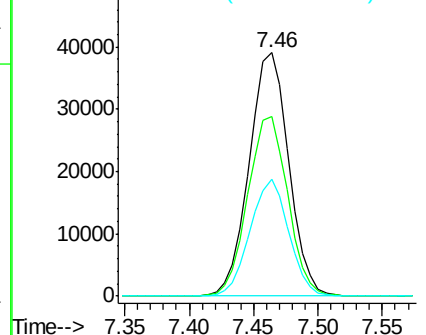
98 47.0 23.8 71.4

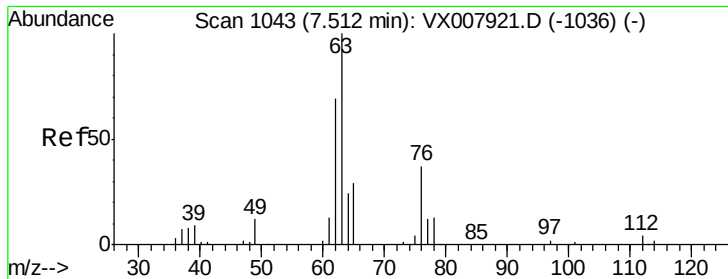


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





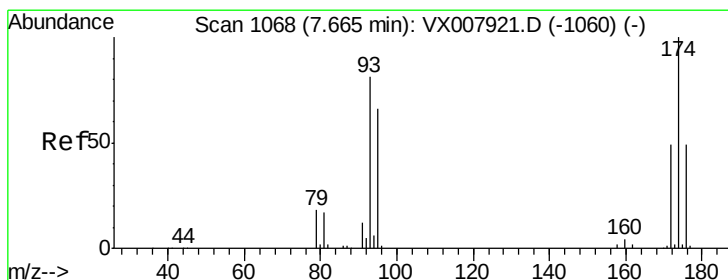
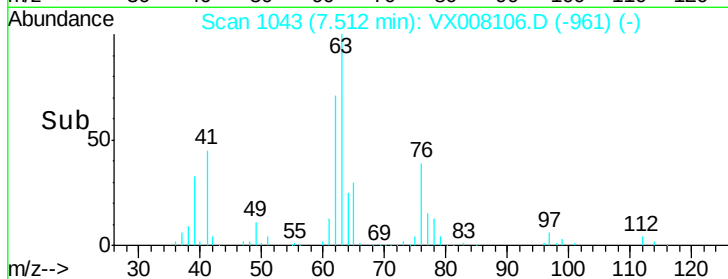
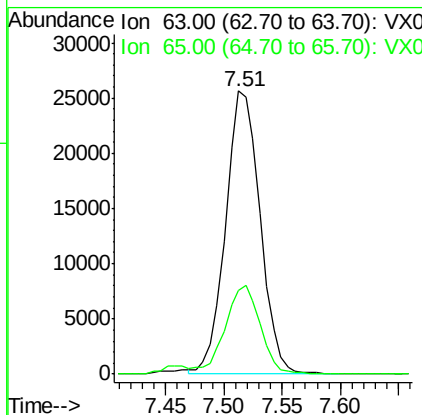
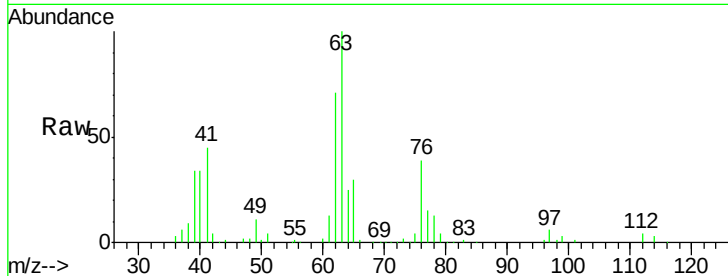
#39
 1,2-Dichloropropane
 Concen: 18.463 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

Tot Ion: 63 Resp: 52537
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 37.0

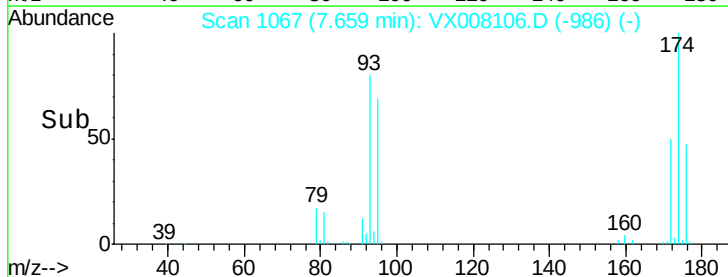
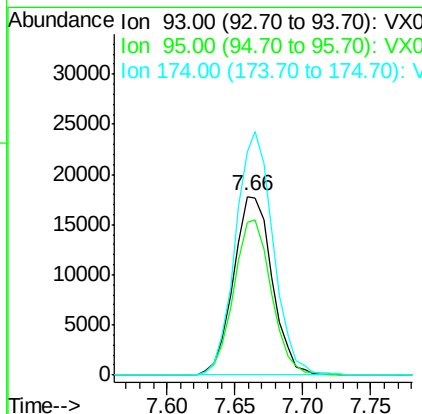
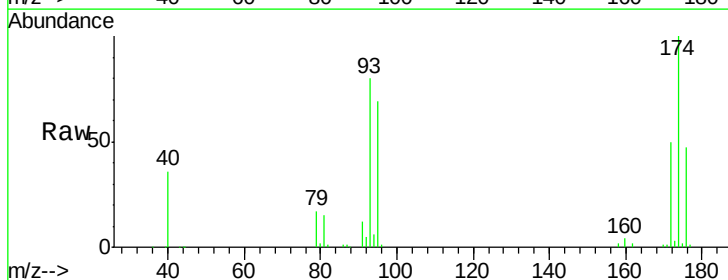
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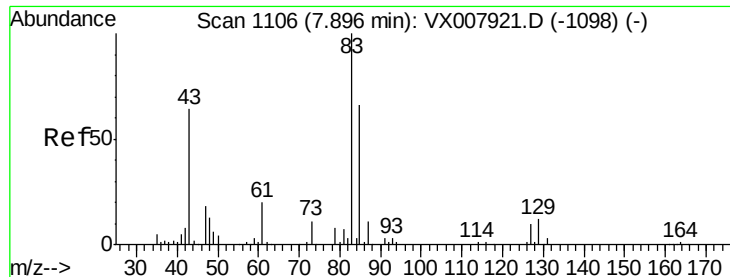
MMDadoda
 3/16/2019 10:33:03 AM



#40
 Dibromomethane
 Concen: 19.602 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion: 93 Resp: 35382
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 158.8
 174 131.8 0.0 224.2





#41

Bromodichloromethane

Concen: 19.125 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

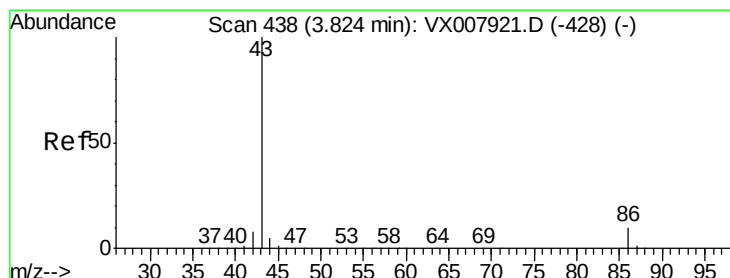
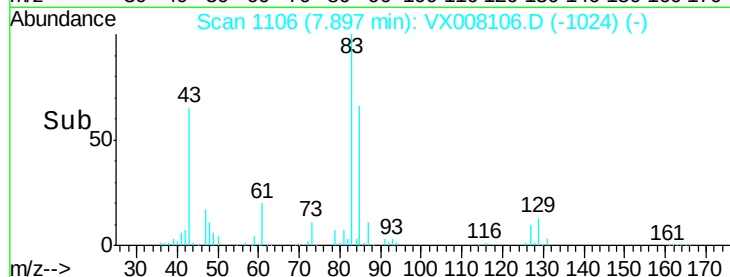
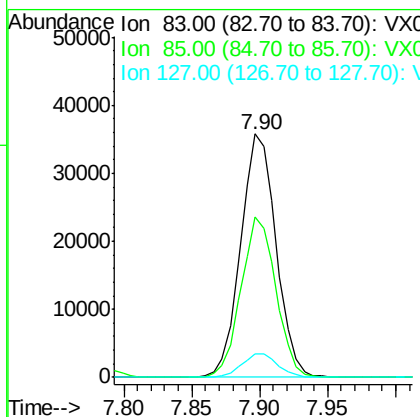
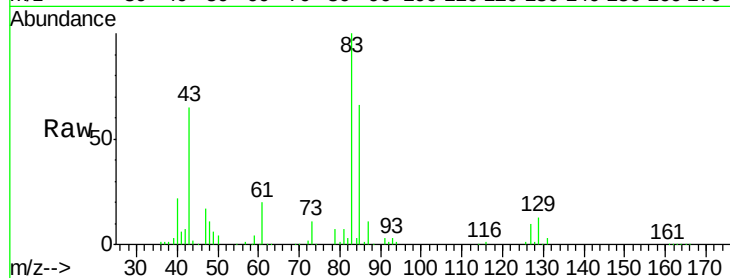
ClientSampleId :

VX0315WBS01

Tot Ion:	83	Resp:	65249
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.1	76.7
127	9.7	7.2	10.8

Manual Integrations
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3/16/2019 10:33:03 AM



#42

Vinyl Acetate

Concen: 88.256 ug/l

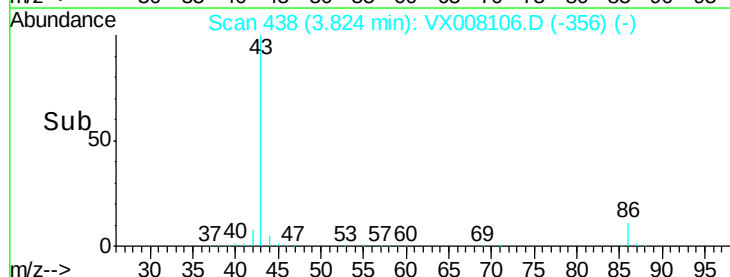
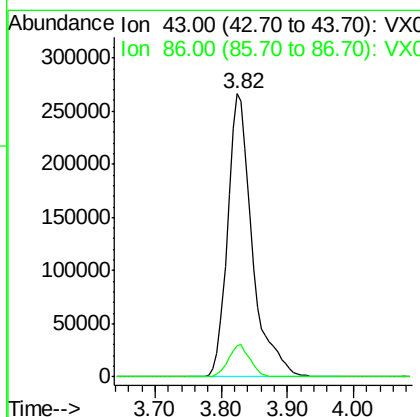
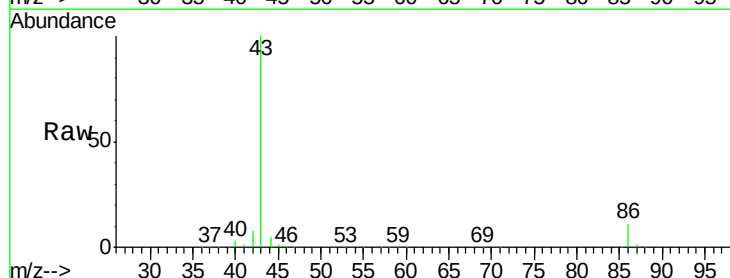
RT: 3.82 min Scan# 438

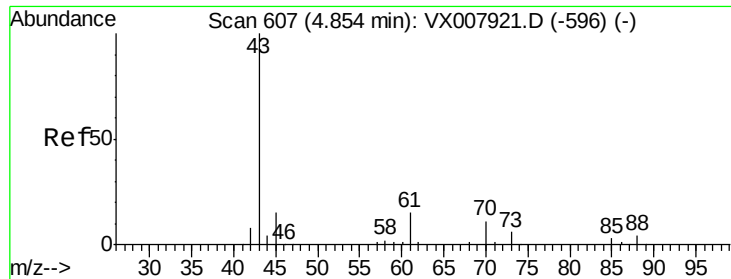
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	43	Resp:	686052
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.2	12.2





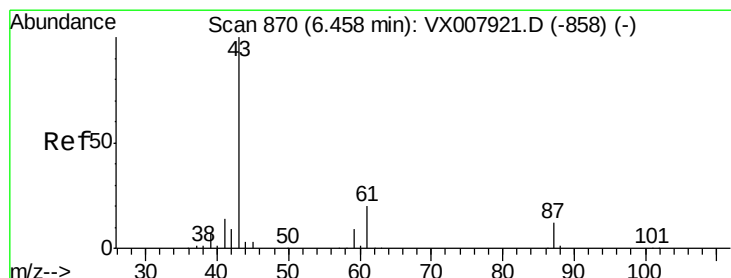
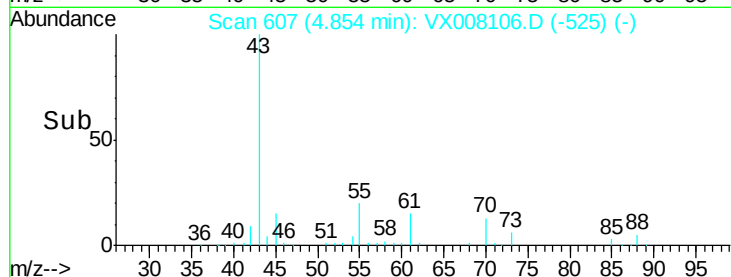
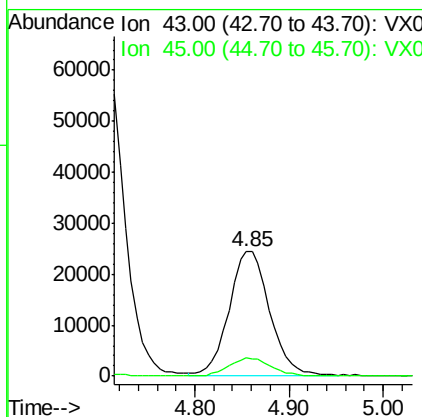
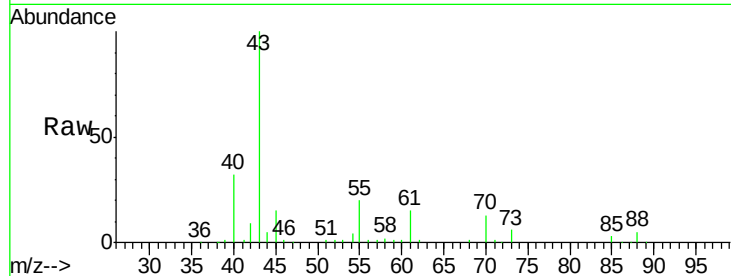
#43
Ethyl Acetate
Concen: 17.738 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 43 Resp: 74197
Ion Ratio Lower Upper
43 100
45 15.3 6.9 10.3#

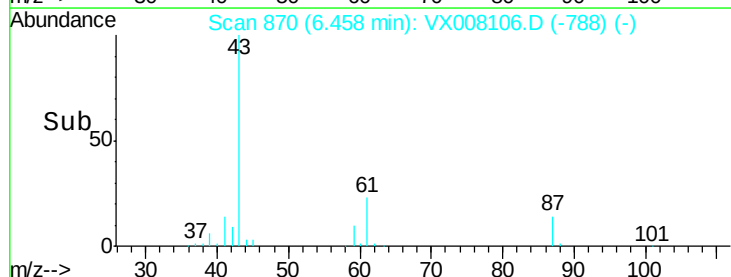
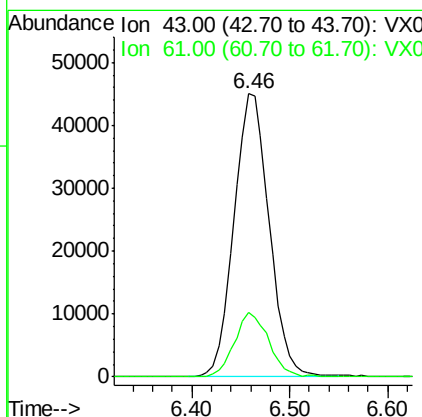
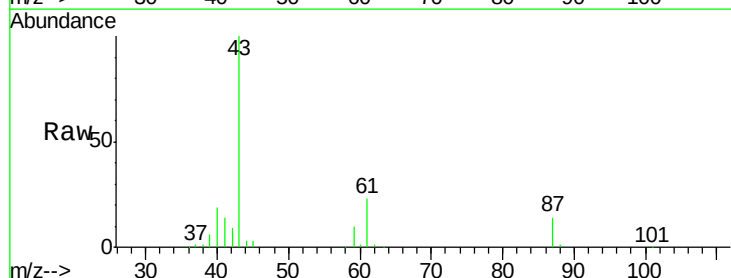
Manual Integrations
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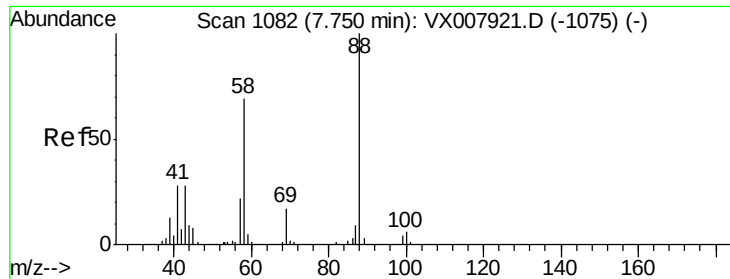
MMDadoda
3/16/2019 10:33:03 AM



#44
Isopropyl Acetate
Concen: 17.562 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 43 Resp: 112086
Ion Ratio Lower Upper
43 100
61 22.0 16.1 24.1





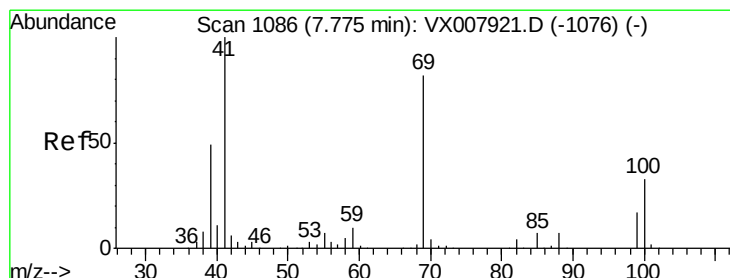
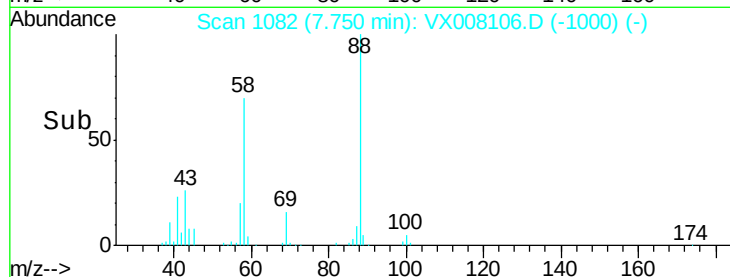
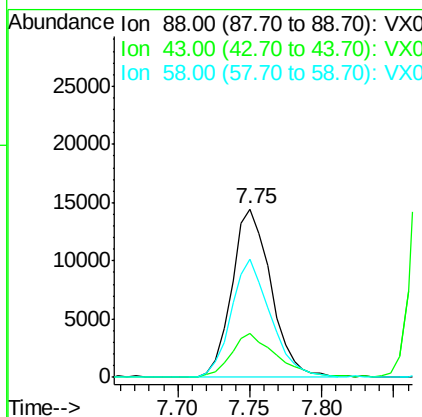
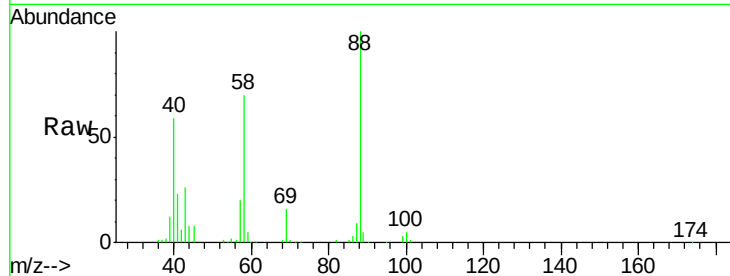
#45
 1,4-Dioxane
 Concen: 411.089 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	88	Resp	27450
Ion Ratio	Lower	Upper	
88	100		
43	30.2	23.6	35.4
58	70.4	51.6	77.4

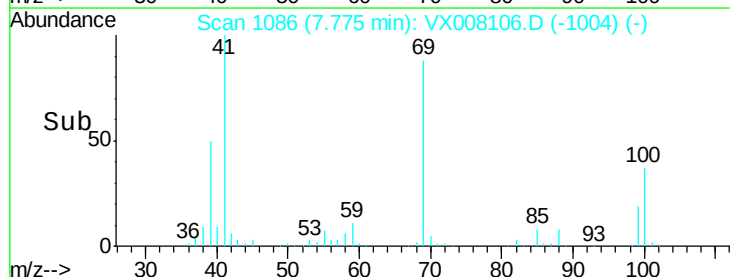
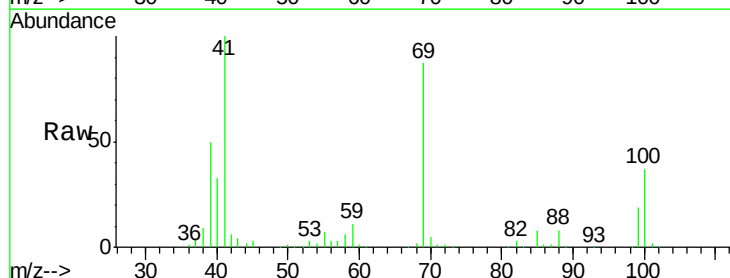
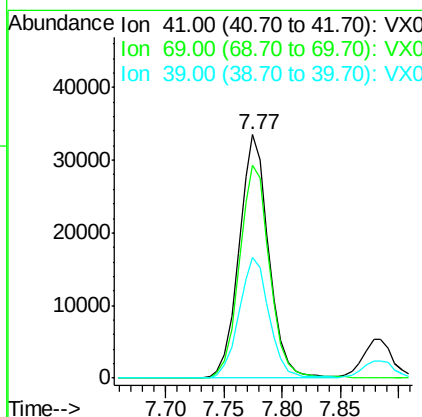
Manual Integrations
 APPROVED

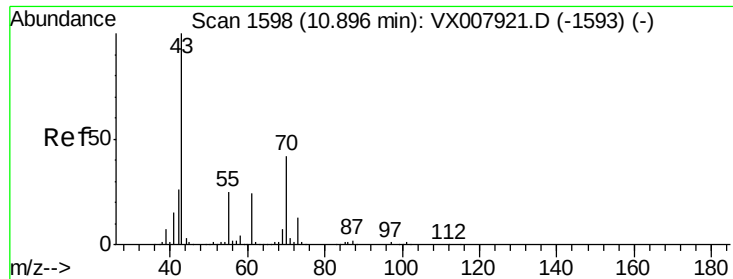
MMDadoda
 3/16/2019 10:33:03 AM



#46
 Methyl methacrylate
 Concen: 17.555 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	41	Resp	58927
Ion Ratio	Lower	Upper	
41	100		
69	87.5	44.2	132.6
39	49.8	29.9	89.8





#47

n-amvl Acetate

Concen: 17.090 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 43 Resp: 93979

Ion Ratio Lower Upper

43 100

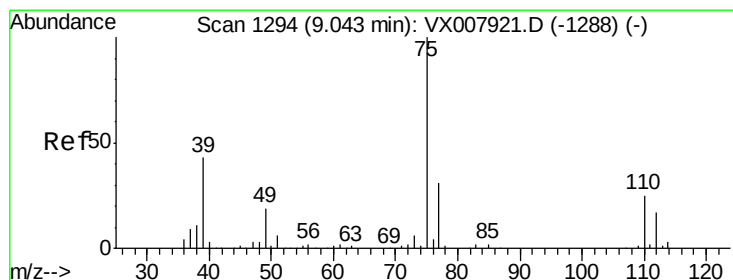
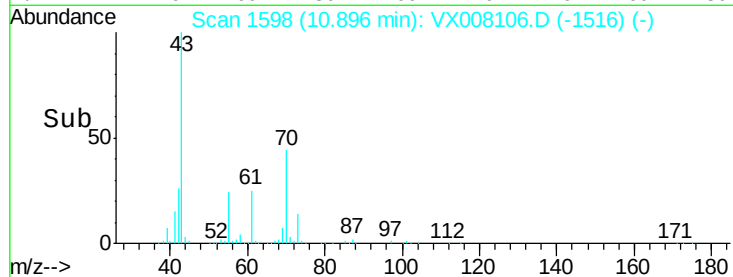
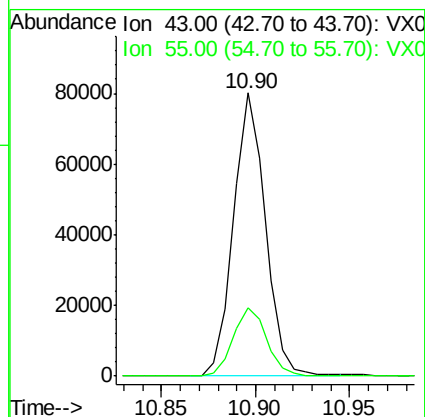
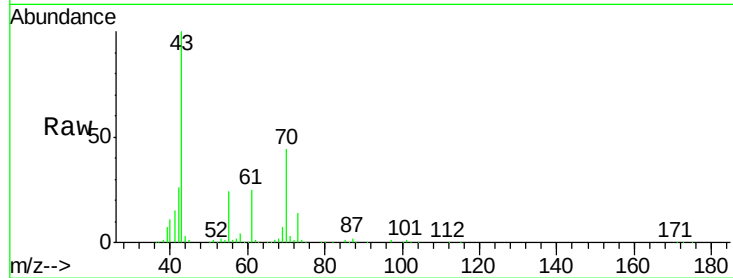
55 25.6 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.502 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008106.D

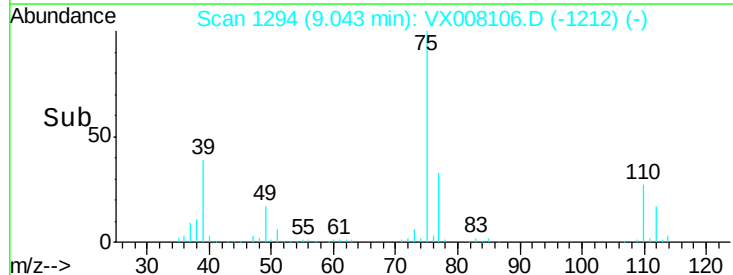
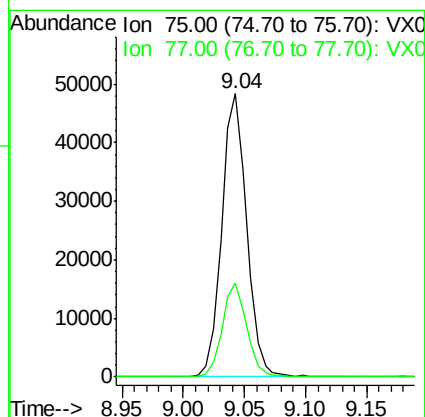
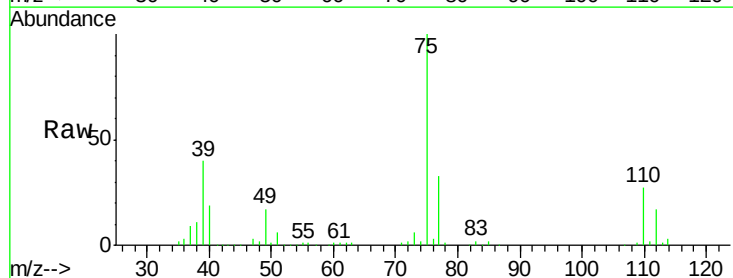
Acq: 15 Mar 2019 14:30

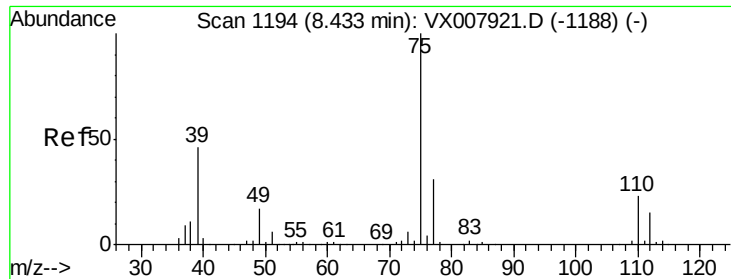
Tgt Ion: 75 Resp: 68365

Ion Ratio Lower Upper

75 100

77 33.1 24.5 36.7





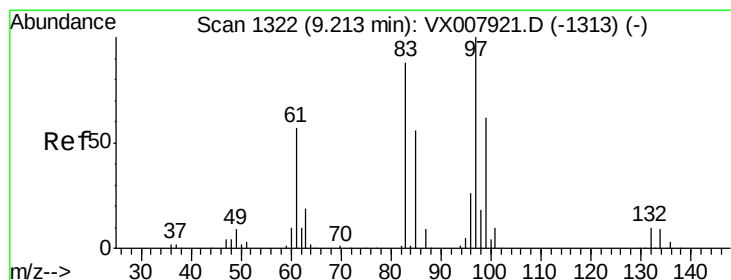
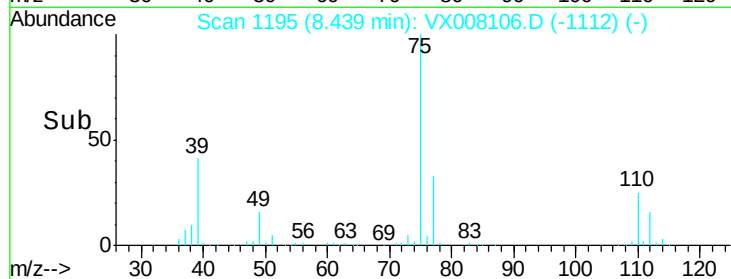
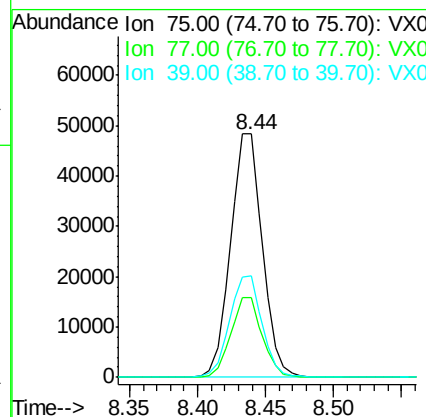
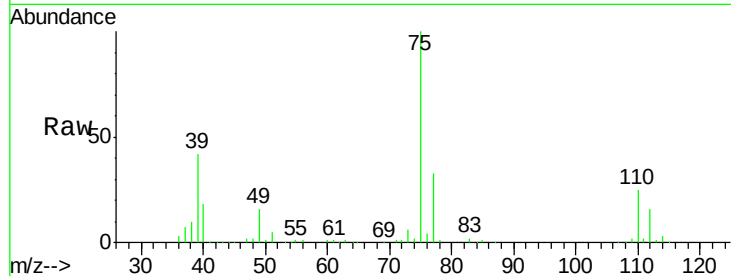
#49
 cis-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4
39	41.2	38.5	57.7

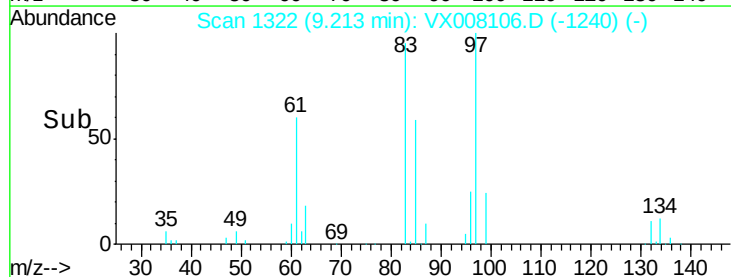
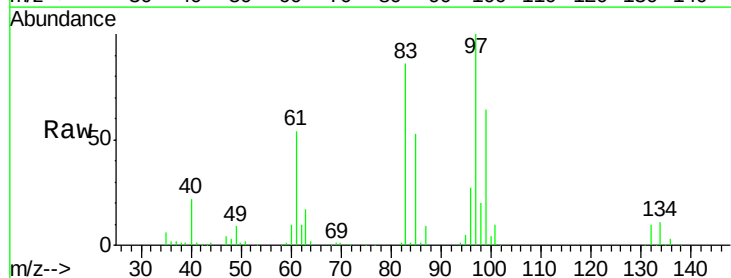
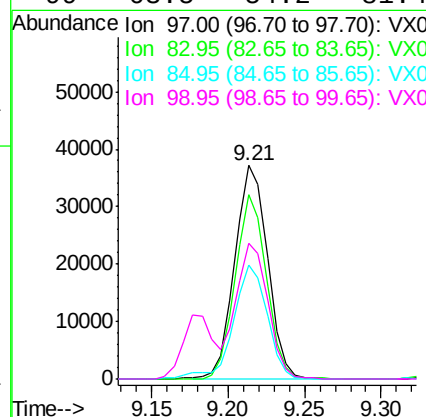
Manual Integrations
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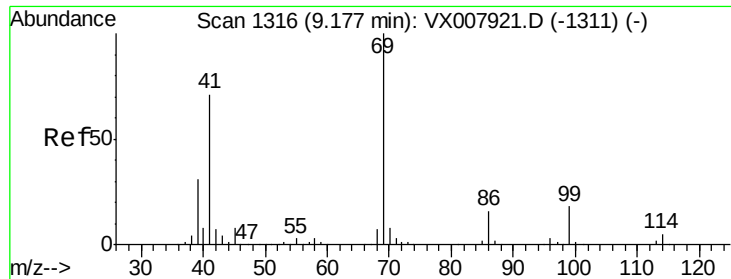
MMDadoda
 3/16/2019 10:33:03 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.156 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	53.5	45.0	67.6
99	63.5	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.812 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

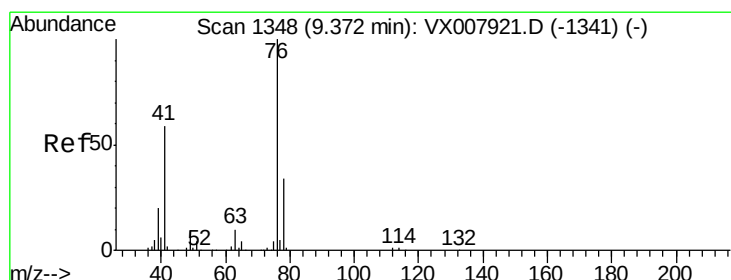
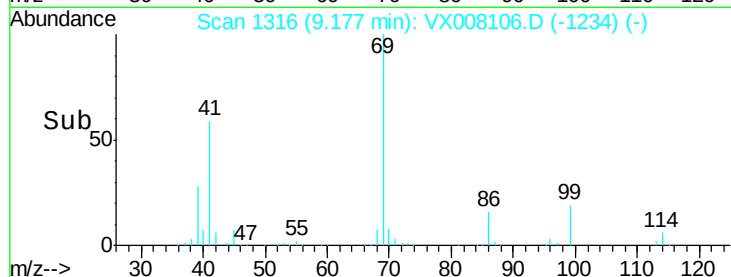
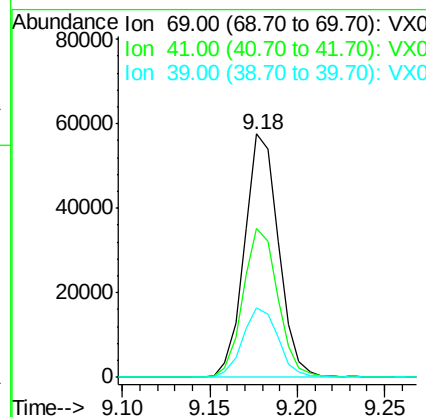
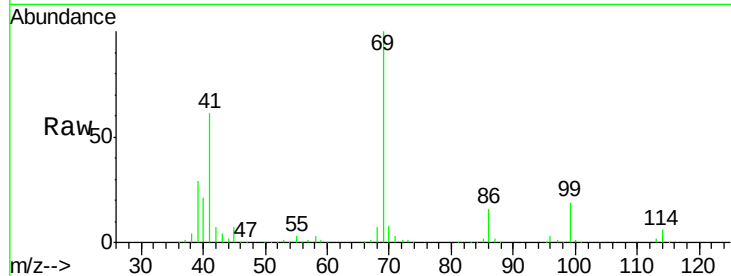
ClientSampleId :

VX0315WBS01

Tot Ion:	69	Resp:	78492
Ion	Ratio	Lower	Upper
69	100		
41	60.9	32.1	96.5
39	28.5	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.300 ug/l

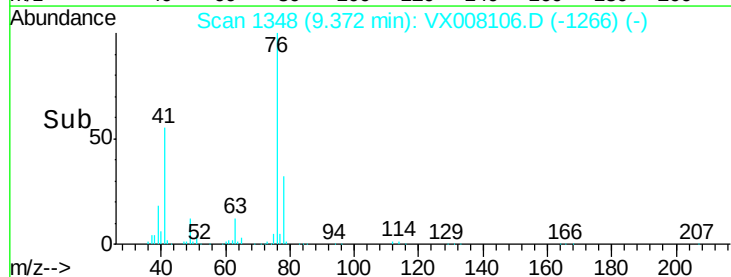
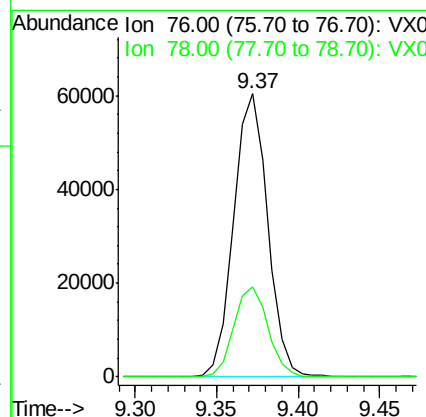
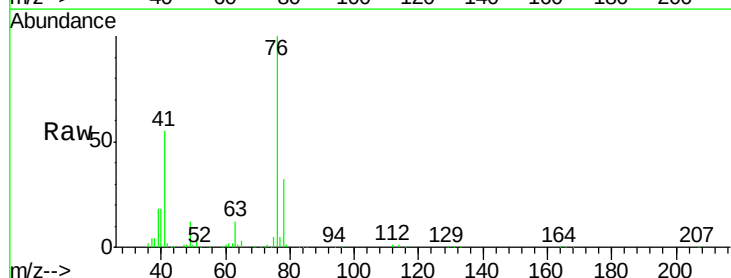
RT: 9.37 min Scan# 1348

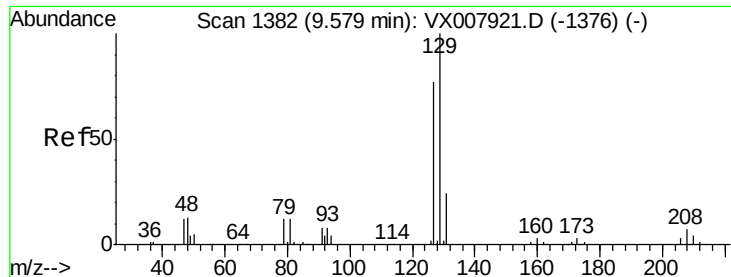
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	76	Resp:	87738
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.2





#53

Dibromochloromethane

Concen: 19.566 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:129 Resp: 55373

Ion Ratio Lower Upper

129 100

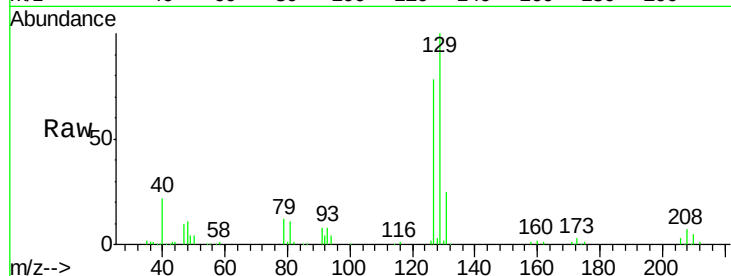
127 78.3 38.4 115.2

Manual Integrations

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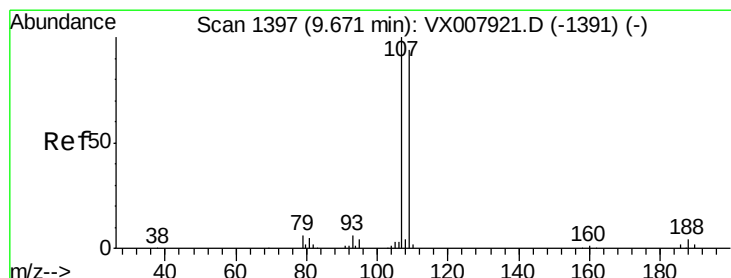
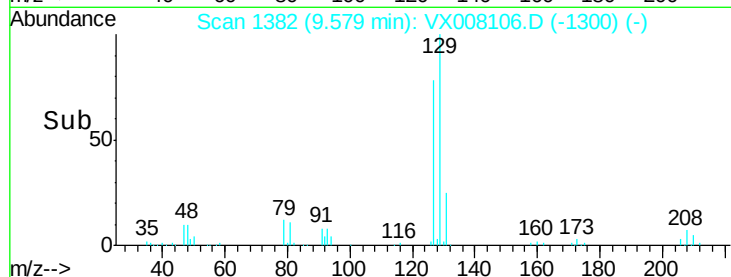
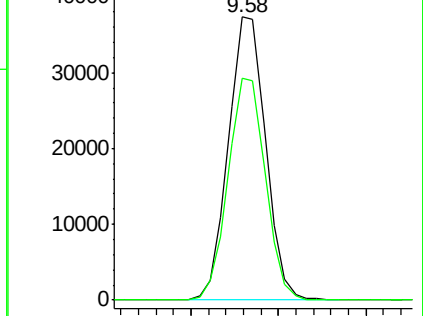
MMDadoda

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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: 20.326 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008106.D

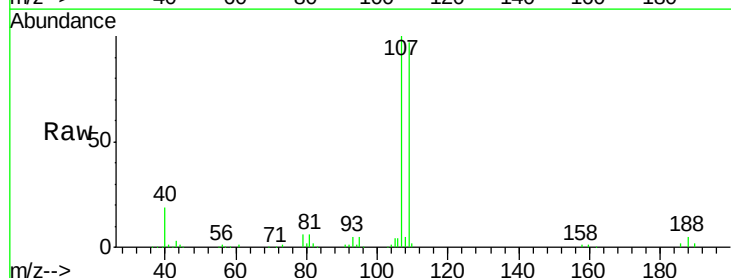
Acq: 15 Mar 2019 14:30

Tgt Ion:107 Resp: 58464

Ion Ratio Lower Upper

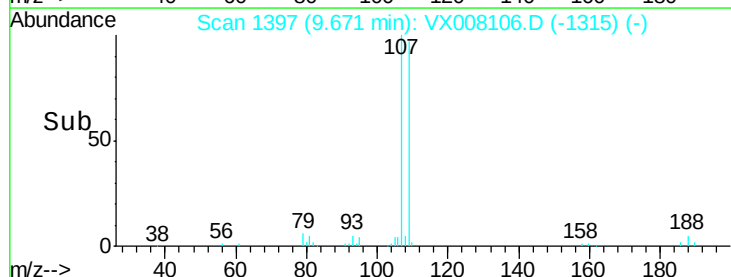
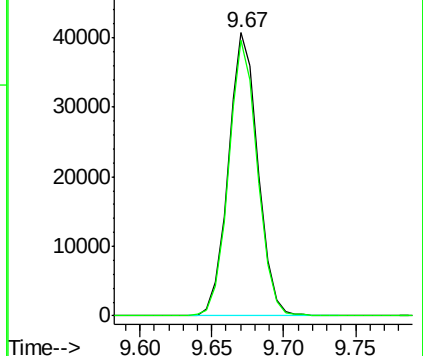
107 100

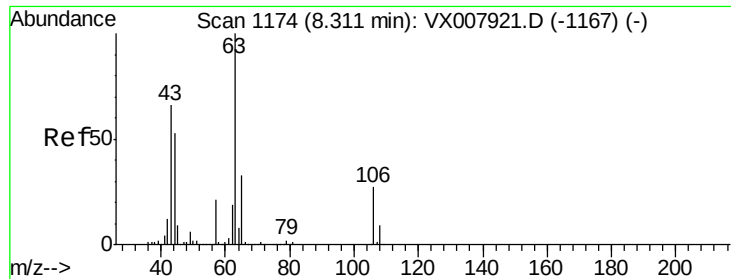
109 95.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





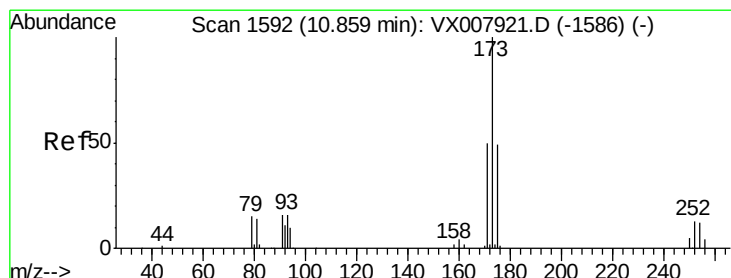
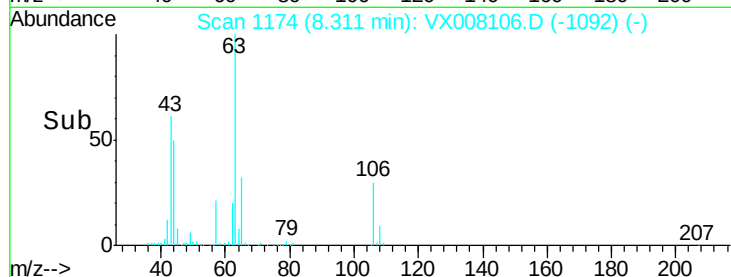
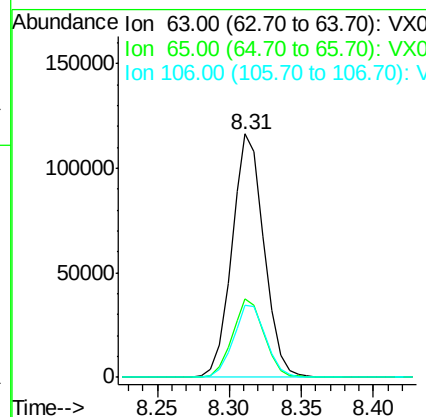
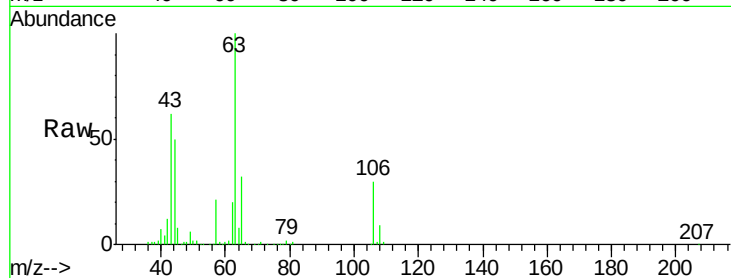
#55
2-Chloroethyl vinyl ether
Concen: 93.151 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	30.1	23.7	35.5

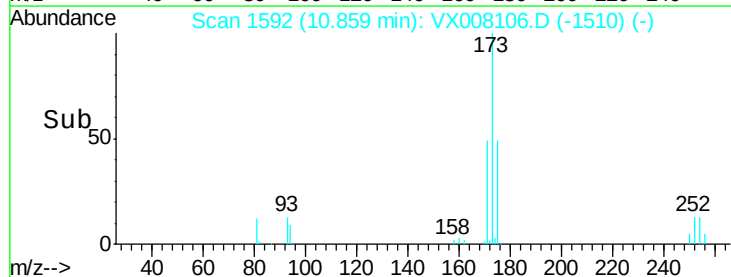
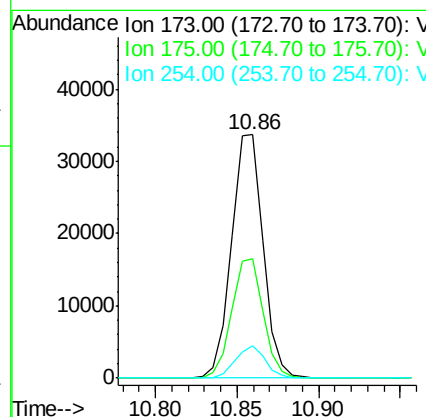
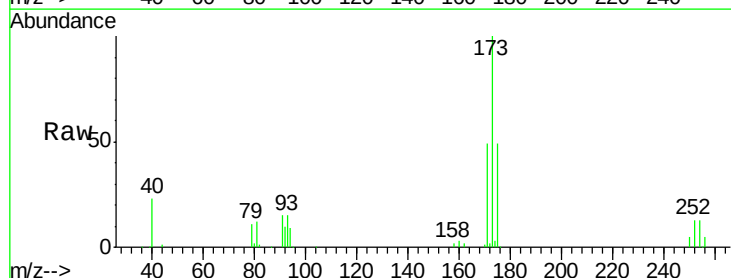
Manual Integrations
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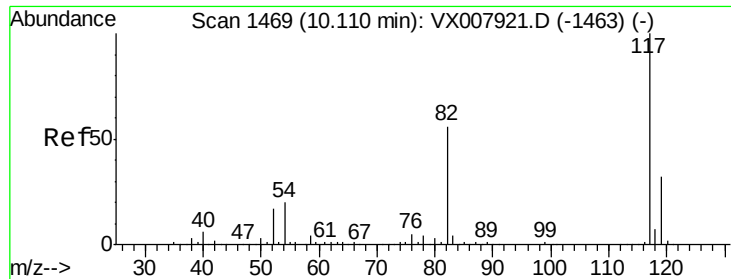
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3/16/2019 10:33:03 AM



#56
Bromoform
Concen: 20.104 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.5	57.7
254	12.2	7.4	11.2





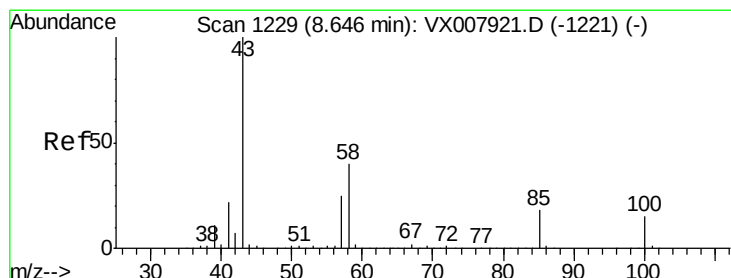
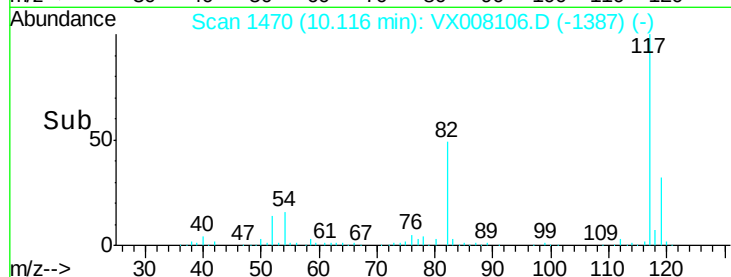
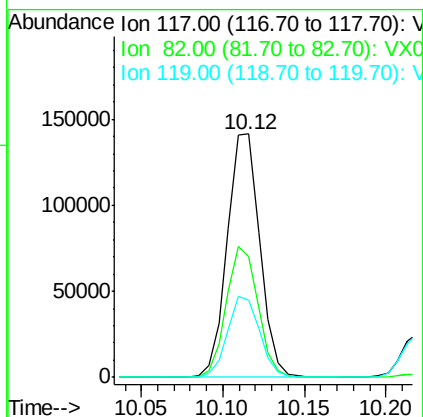
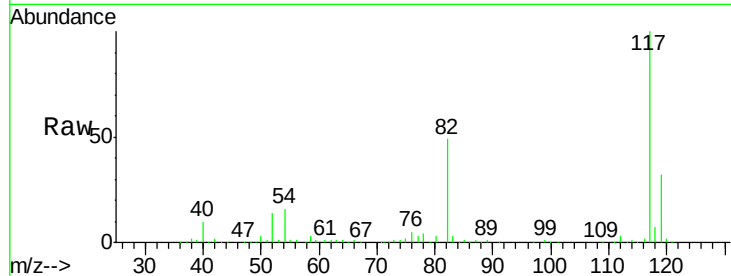
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.4	60.6
119	32.6	25.8	38.6

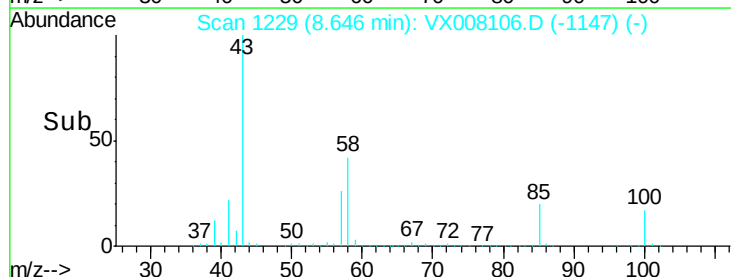
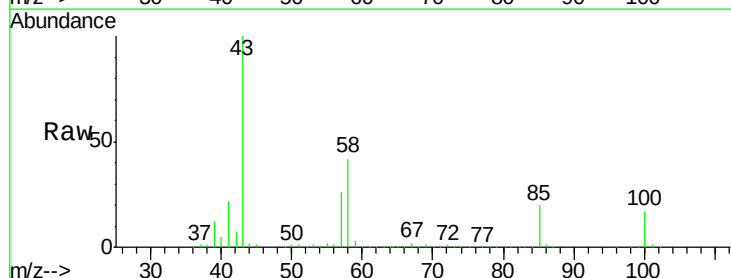
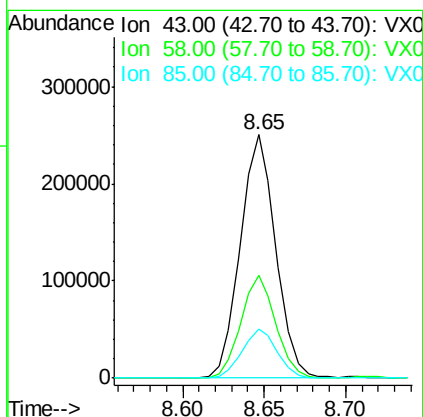
Manual Integrations
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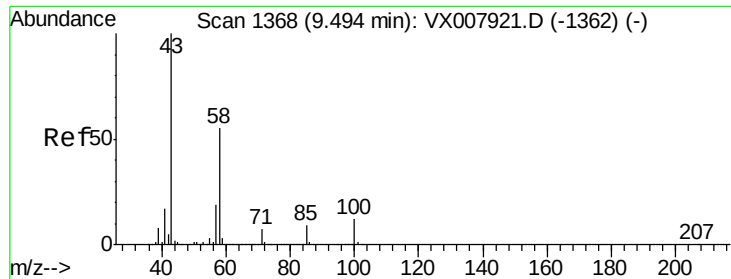
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 93.406 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	31.4	47.0
85	20.2	15.0	22.6





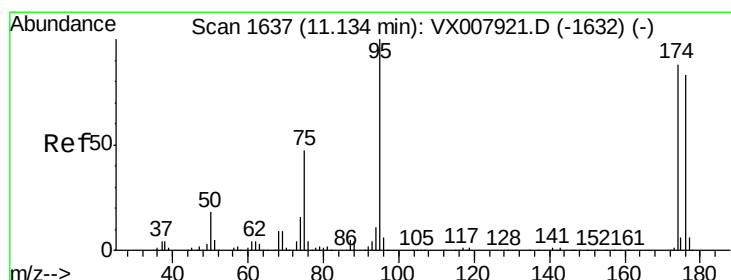
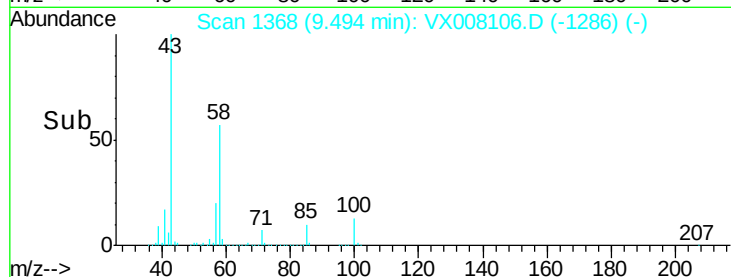
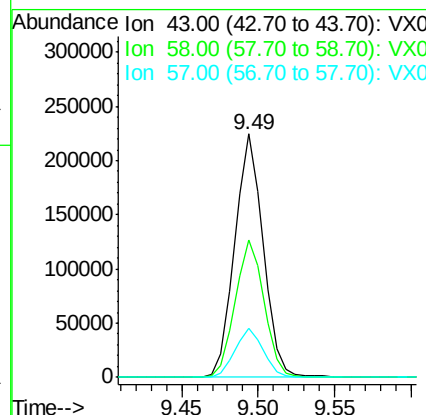
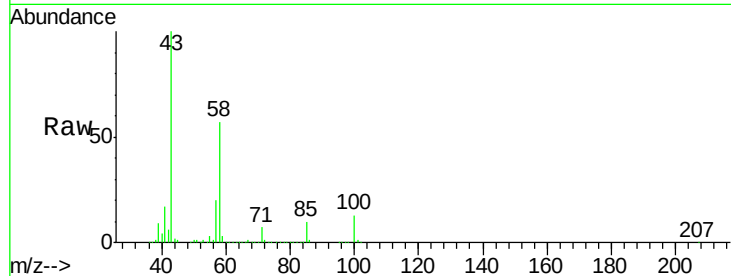
#59
2-Hexanone
Concen: 90.908 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	43.9	65.9
57	20.2	14.9	22.3

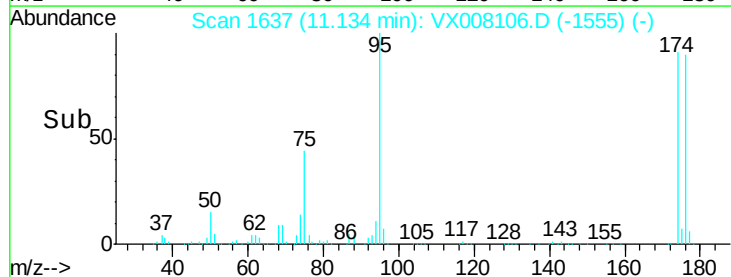
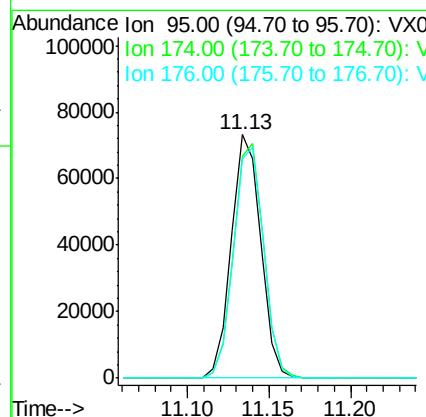
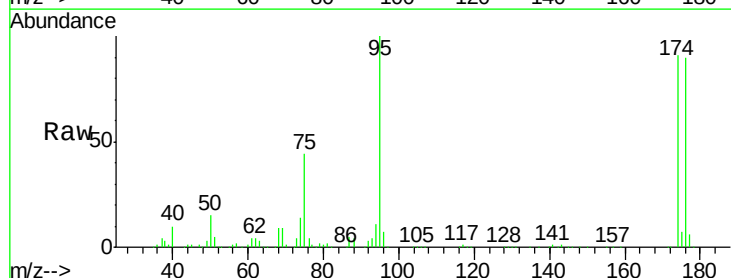
Manual Integrations
APPROVED

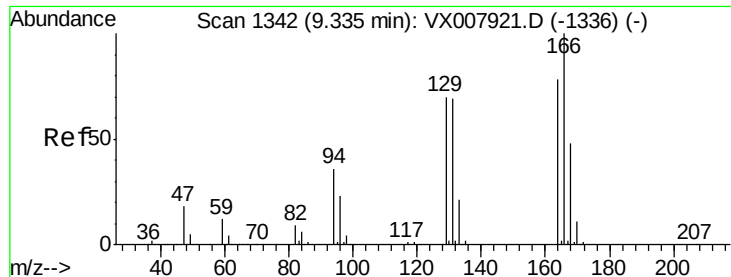
MMDadoda
3/16/2019 10:33:03 AM



#60
4-Bromofluorobenzene
Concen: 29.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.3	74.9	112.3
176	96.9	70.7	106.1





#61

Tetrachloroethene

Concen: 21.873 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:164 Resp: 62679

Ion Ratio Lower Upper

164 100

166 130.7 103.9 155.9

129 86.6 74.7 112.1

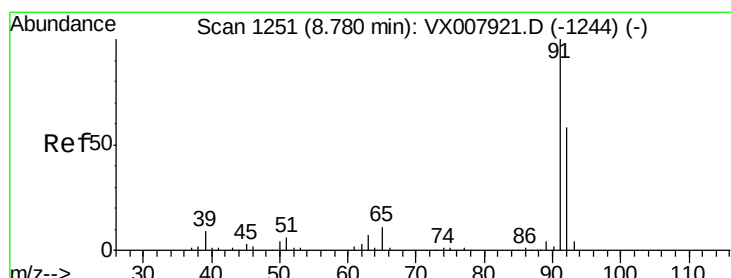
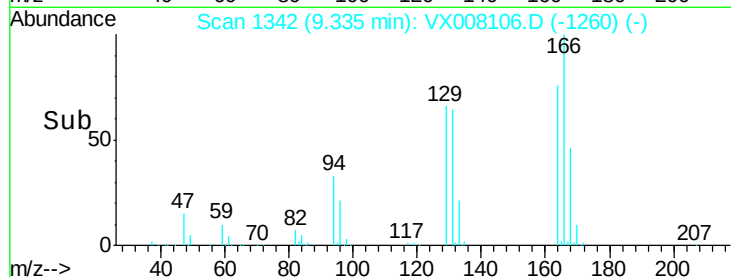
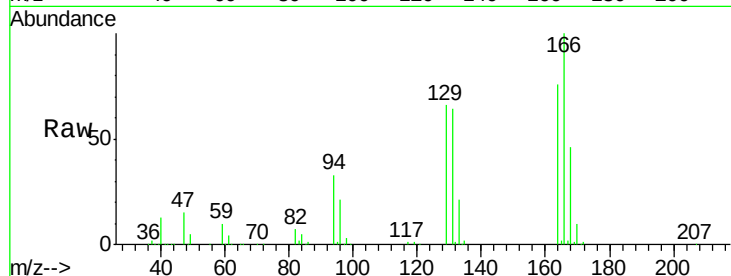
131 84.2 71.7 107.5

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#62

Toluene

Concen: 19.642 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008106.D

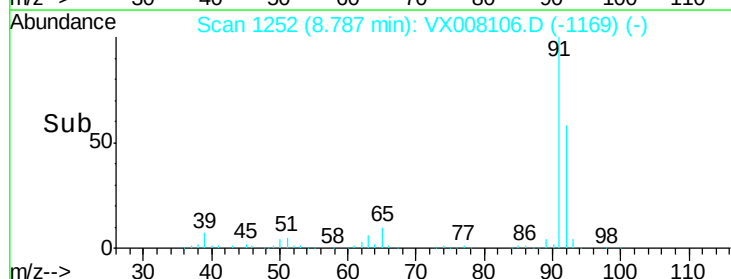
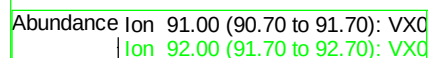
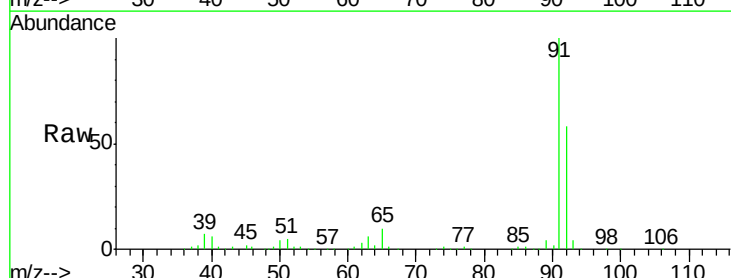
Acq: 15 Mar 2019 14:30

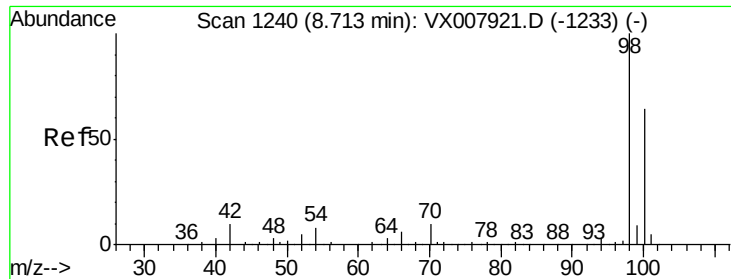
Tgt Ion: 91 Resp: 225302

Ion Ratio Lower Upper

91 100

92 58.8 46.4 69.6





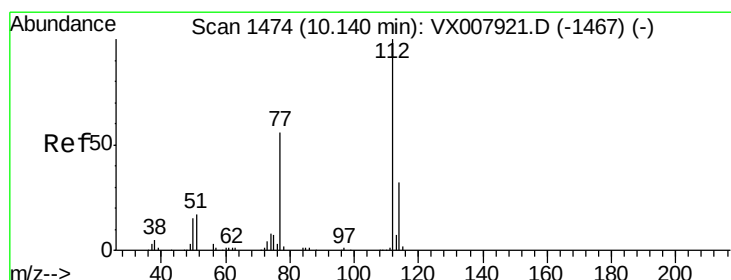
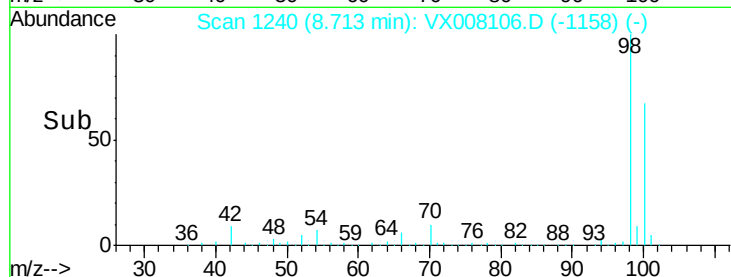
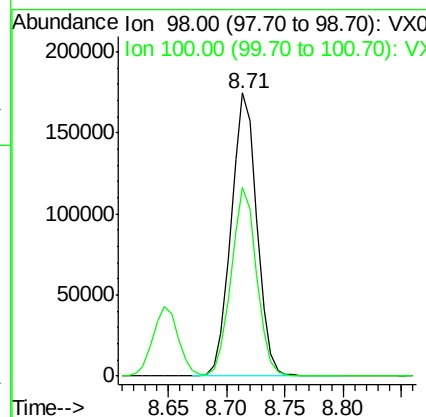
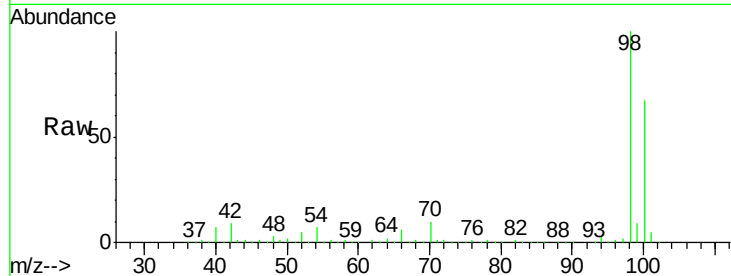
#63
Toluene-d8
Concen: 29.814 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 98 Resp: 268025
Ion Ratio Lower Upper
98 100
100 65.9 50.9 76.3

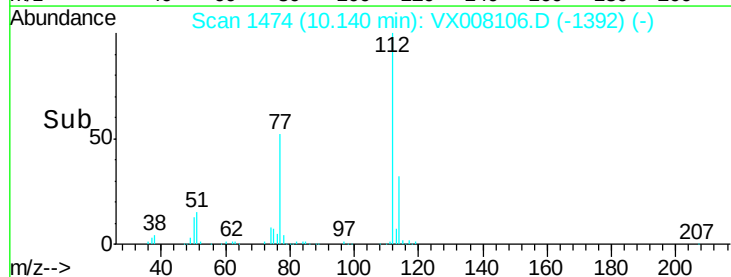
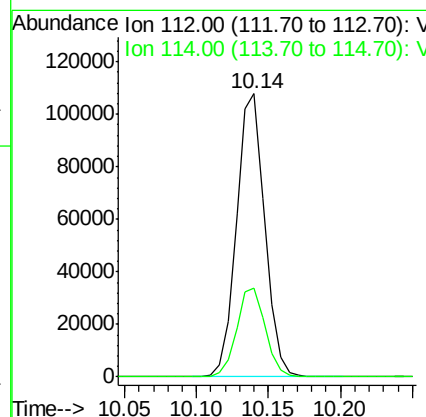
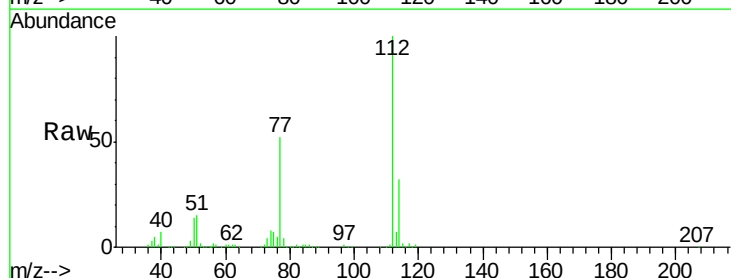
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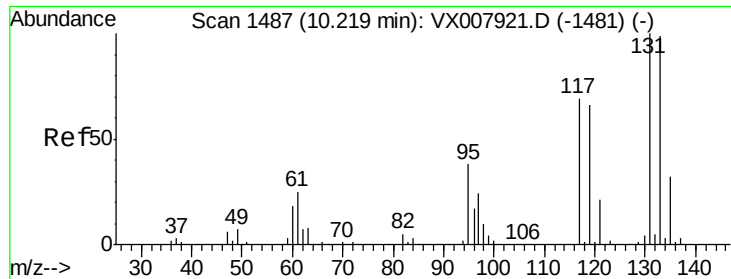
MMDadoda
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#64
Chlorobenzene
Concen: 20.272 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion: 112 Resp: 148203
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.836 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:131 Resp: 54539

Ion Ratio Lower Upper

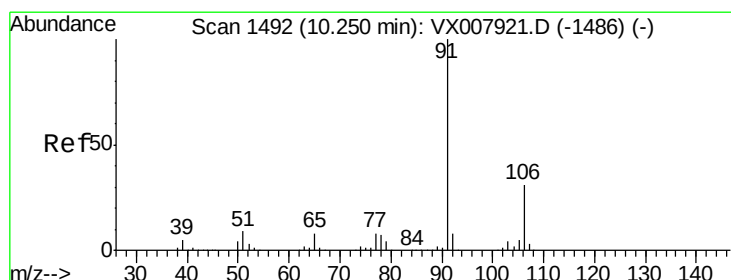
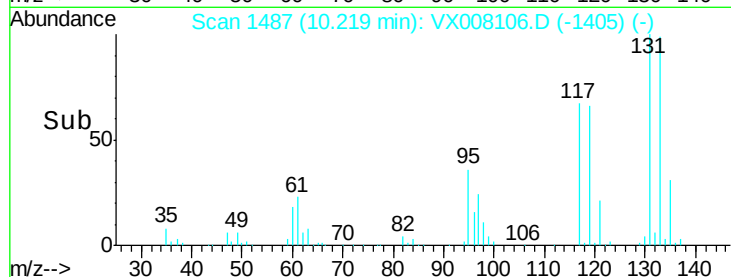
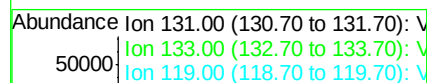
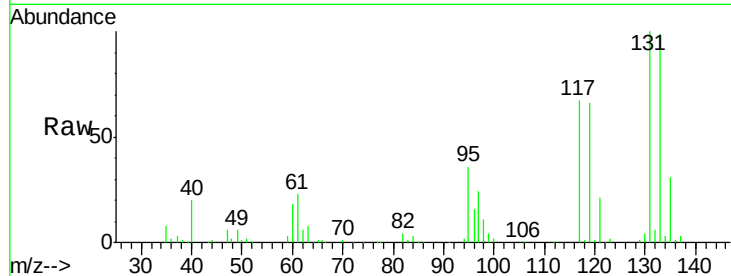
131 100

133 96.9 0.0 191.6

119 65.5 0.0 127.4

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#66

Ethyl Benzene

Concen: 19.482 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008106.D

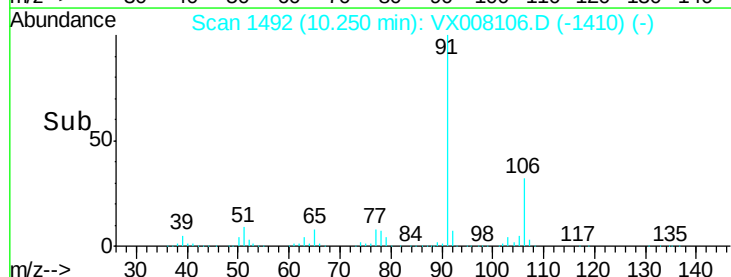
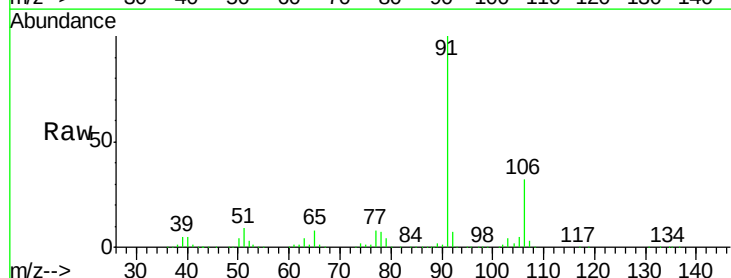
Acq: 15 Mar 2019 14:30

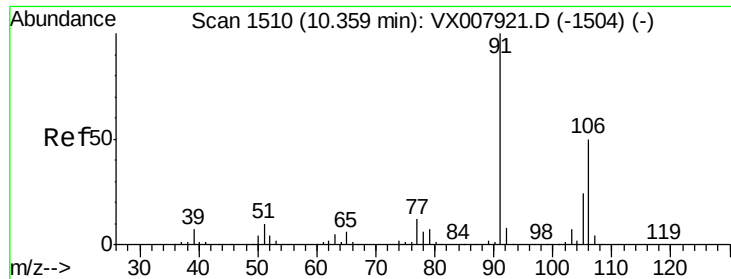
Tgt Ion: 91 Resp: 240028

Ion Ratio Lower Upper

91 100

106 32.4 26.0 39.0





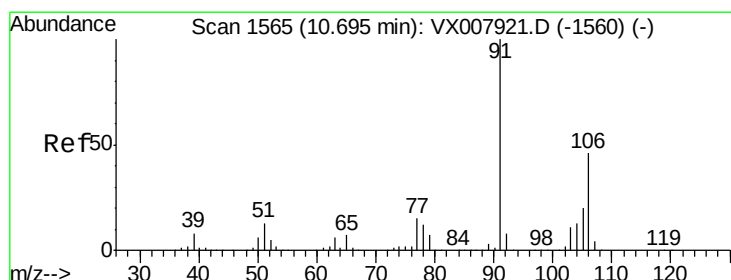
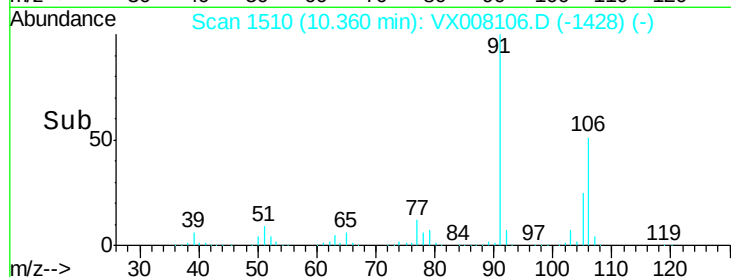
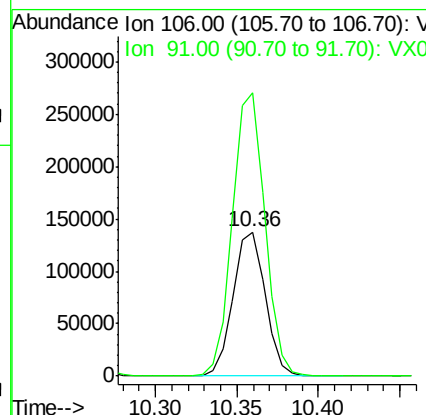
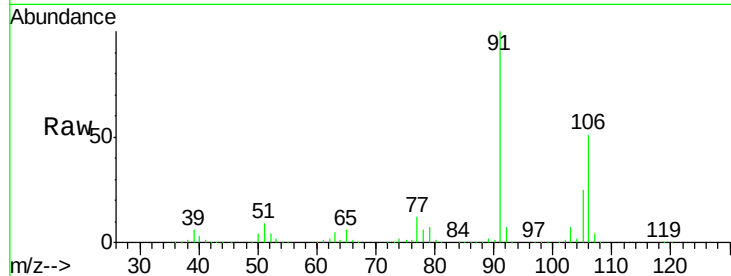
#67
m/p-Xylenes
Concen: 40.149 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion:106 Resp: 189679
Ion Ratio Lower Upper
106 100
91 196.5 157.0 235.4

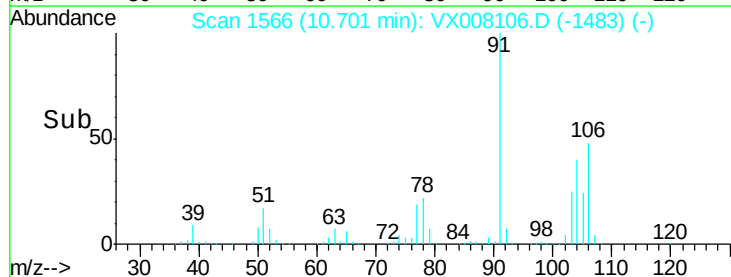
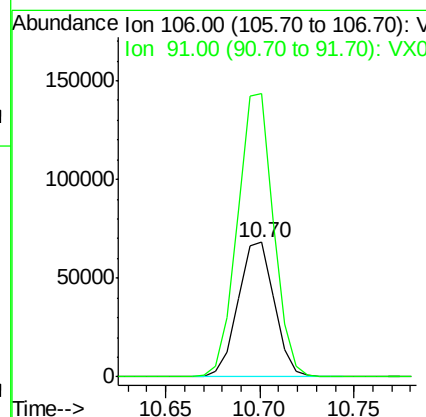
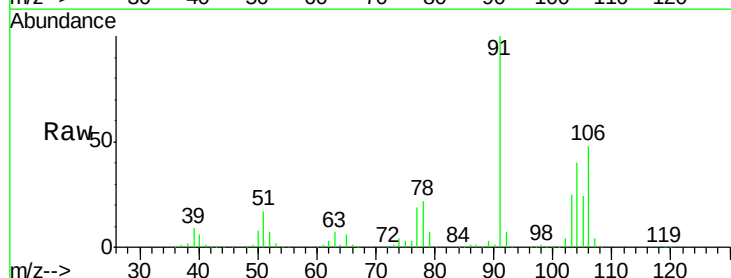
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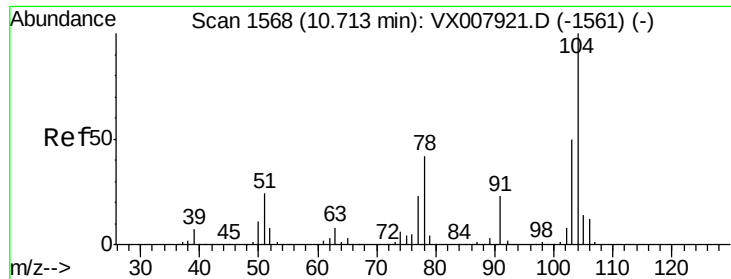
MMDadoda
3/16/2019 10:33:03 AM



#68
o-Xylene
Concen: 19.780 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion:106 Resp: 90743
Ion Ratio Lower Upper
106 100
91 209.7 104.4 313.2





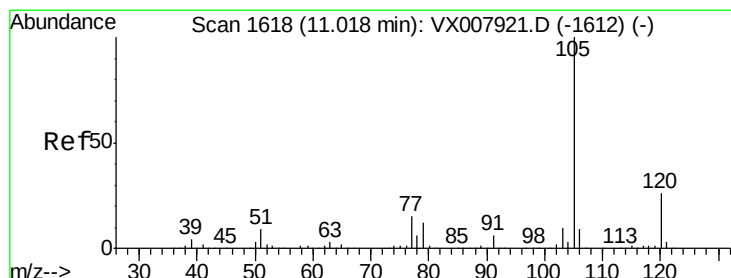
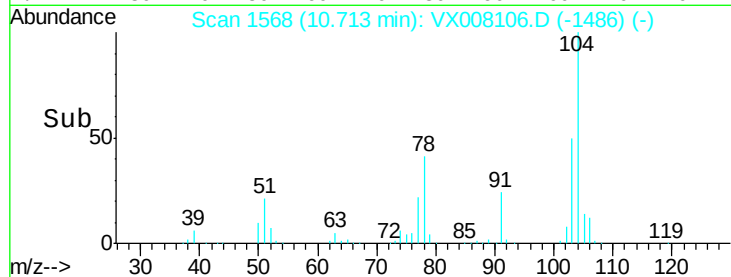
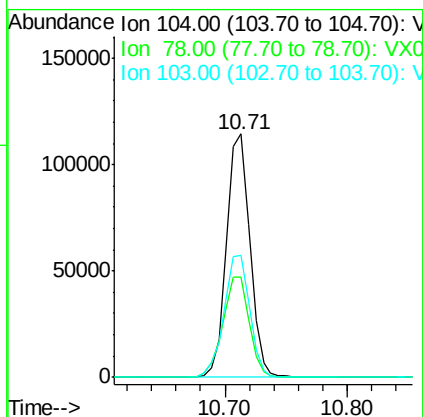
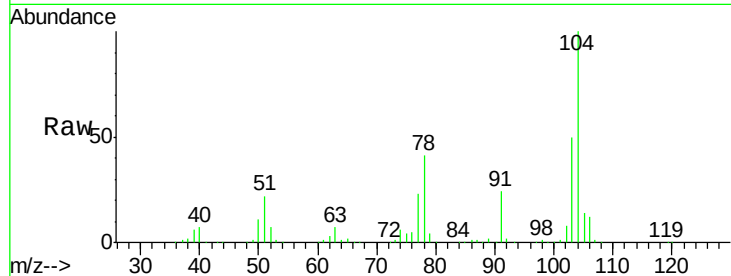
#69
Stvrene
Concen: 20.058 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.6	38.2	57.2
103	55.2	45.0	67.4

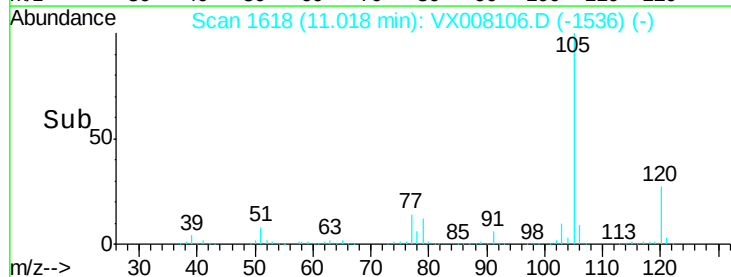
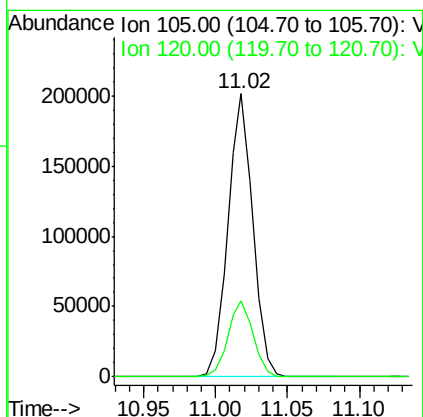
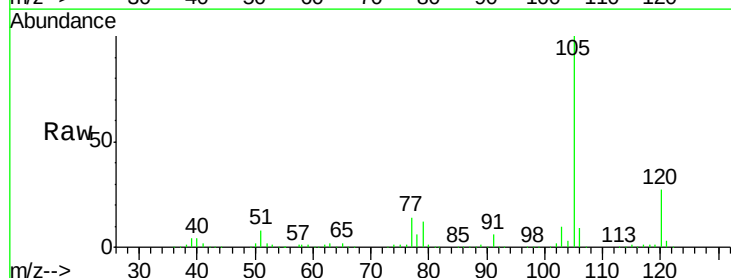
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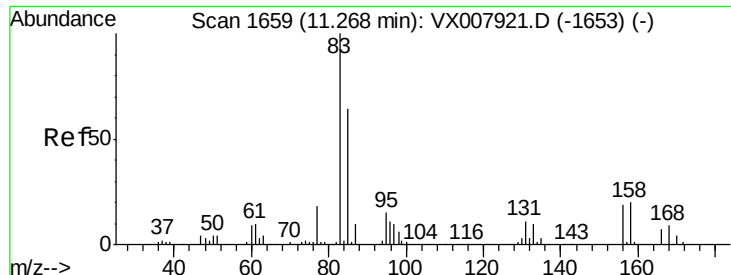
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#70
Isopropylbenzene
Concen: 19.957 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.164 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

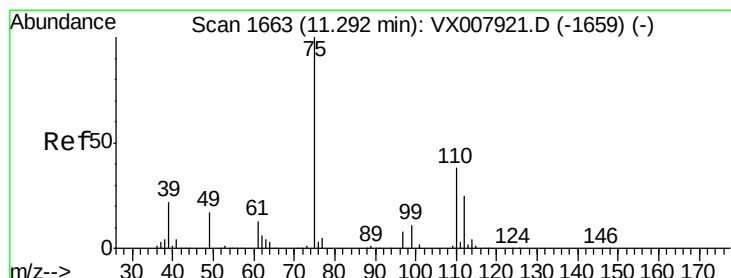
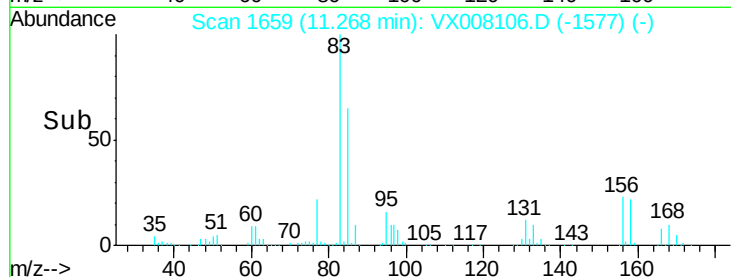
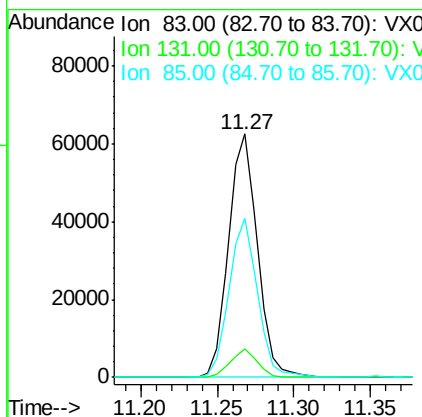
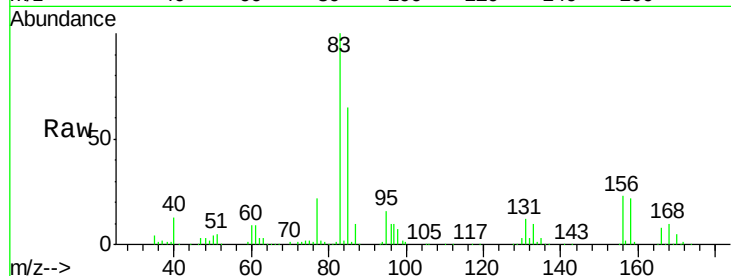
ClientSampleId :

VX0315WBS01

Tot Ion:	83	Resp:	81634
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	64.8	32.8	98.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 20.196 ug/l m

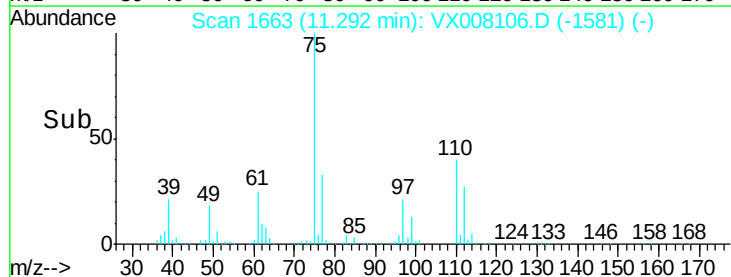
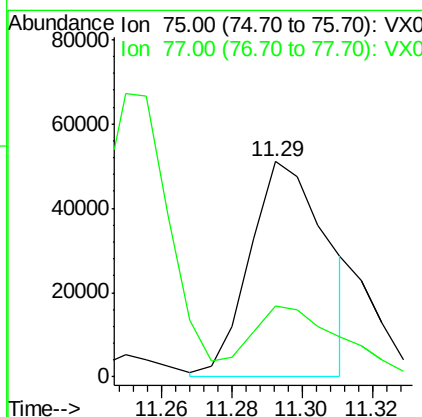
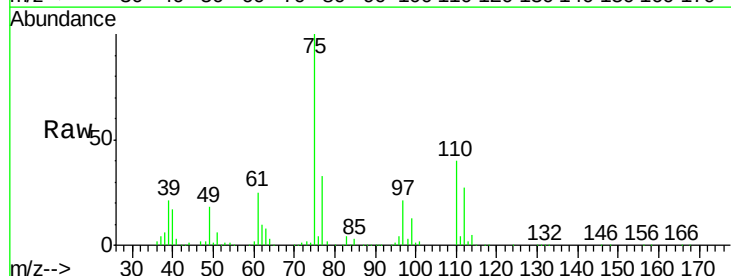
RT: 11.29 min Scan# 1663

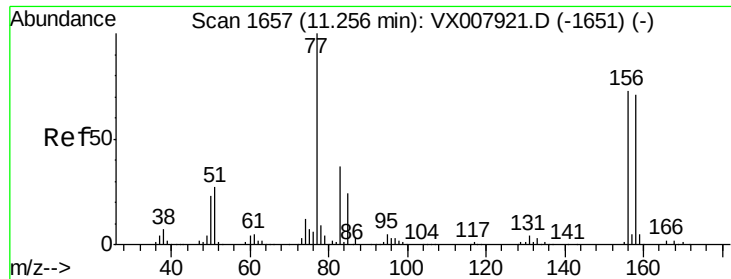
Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Tgt Ion:	75	Resp:	77071
Ion Ratio	Lower	Upper	
75	100		
77	39.3	0.0	76.4





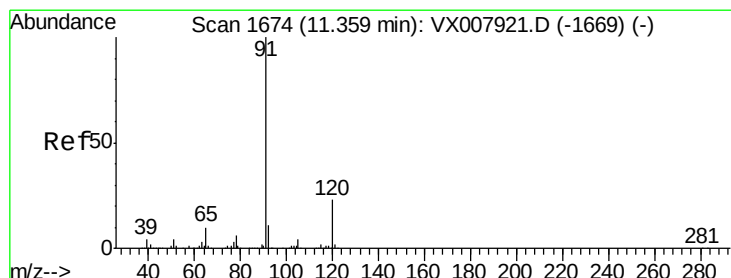
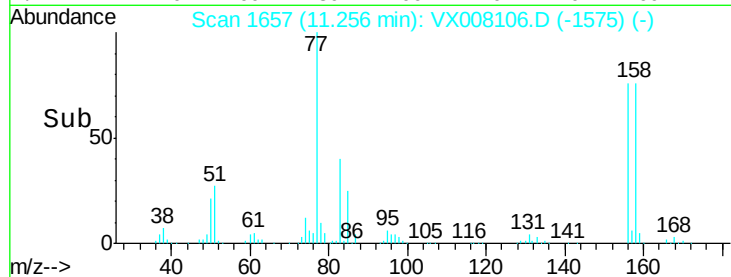
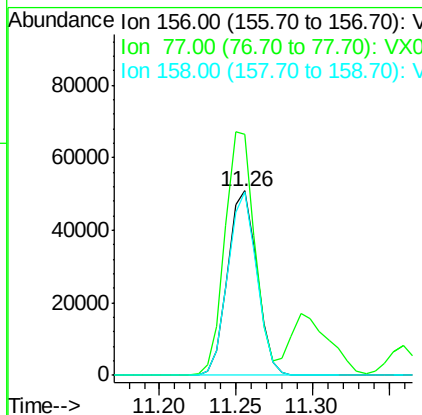
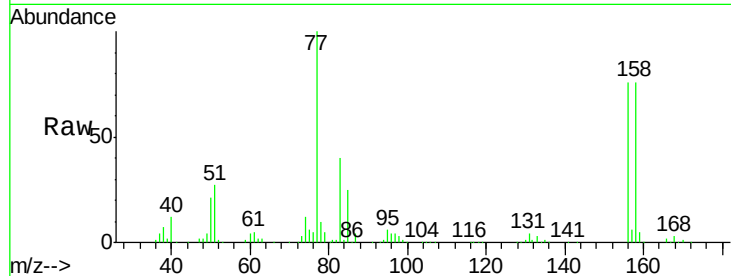
#73
Bromobenzene
Concen: 20.799 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.7	0.0	271.4
158	97.9	0.0	194.0

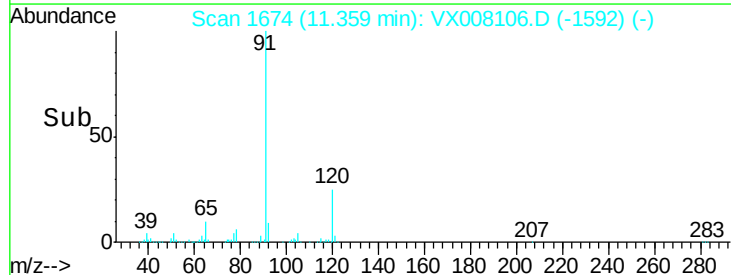
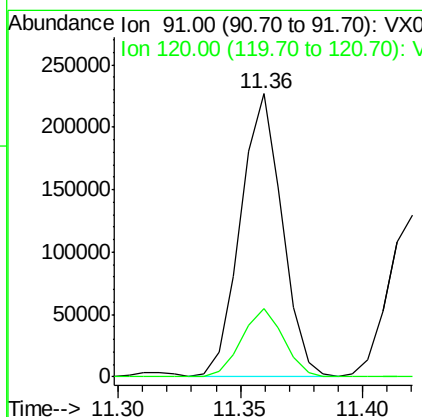
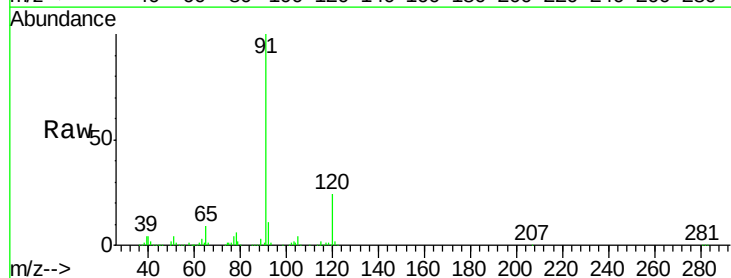
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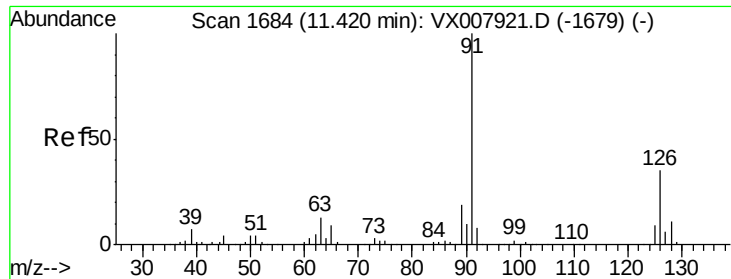
MMDadoda
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#74
n-propylbenzene
Concen: 19.358 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.584 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

Tot Ion: 91 Resp: 162312

Ion Ratio Lower Upper

91 100

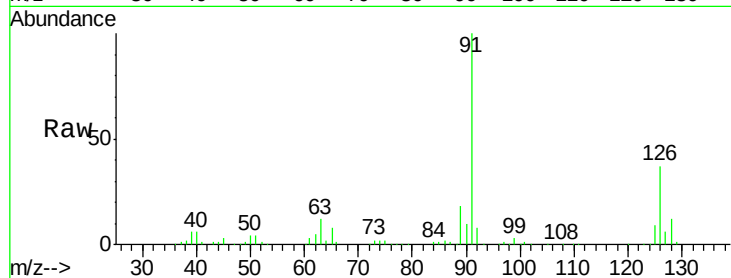
126 36.1 0.0 75.2

Manual Integrations

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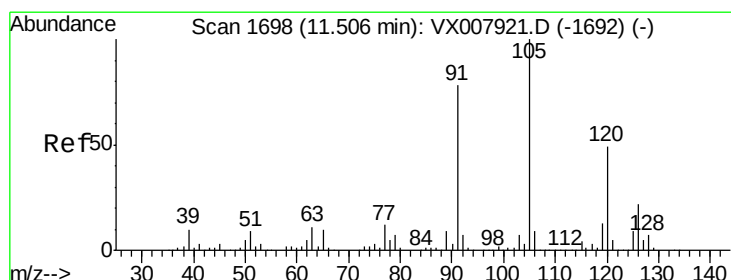
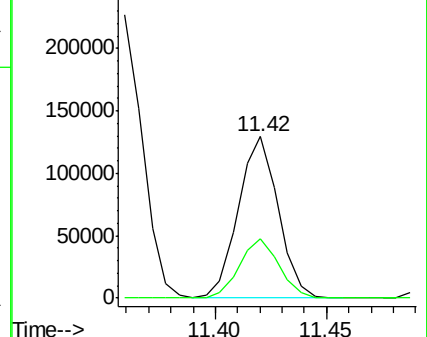
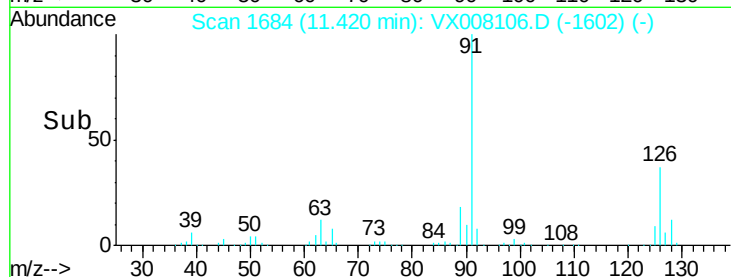
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.117 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008106.D

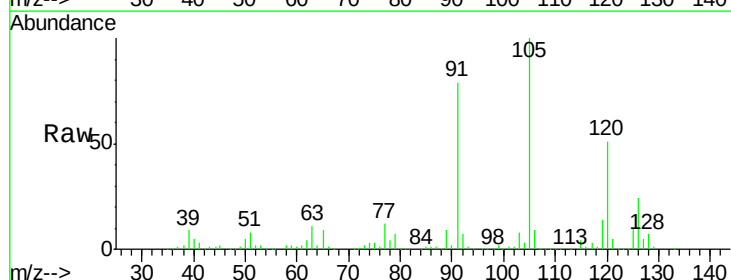
Acq: 15 Mar 2019 14:30

Tgt Ion: 105 Resp: 204377

Ion Ratio Lower Upper

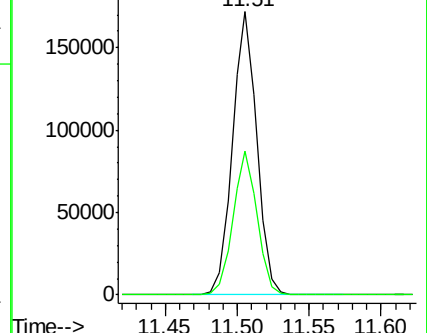
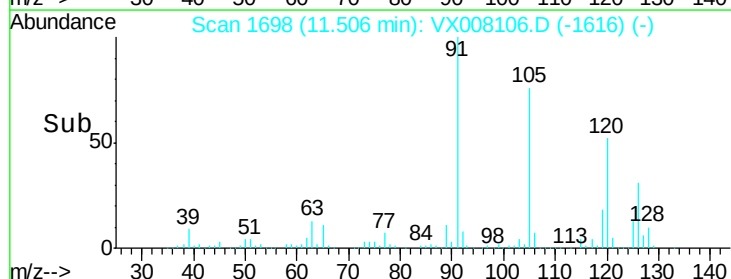
105 100

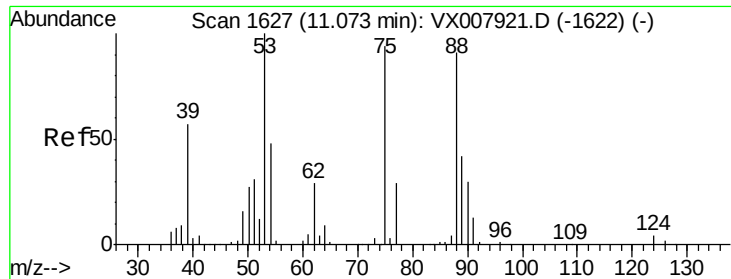
120 49.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.894 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 75 Resp: 22278

Ion Ratio Lower Upper

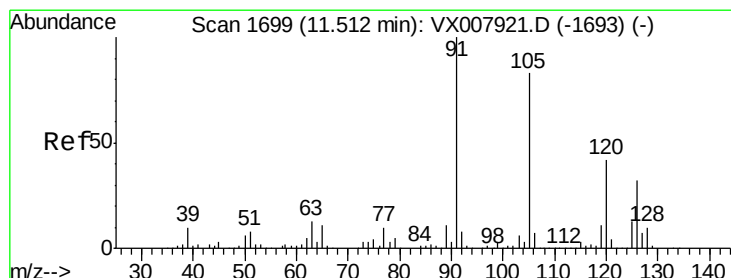
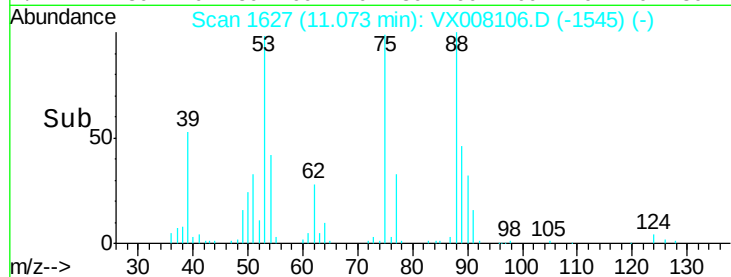
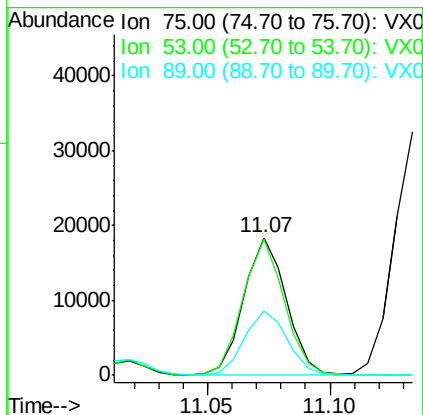
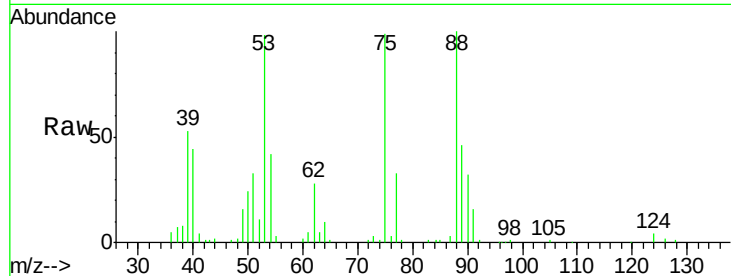
75 100

53 98.2 55.5 166.7

89 46.5 24.4 73.2

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#78

4-Chlorotoluene

Concen: 19.609 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008106.D

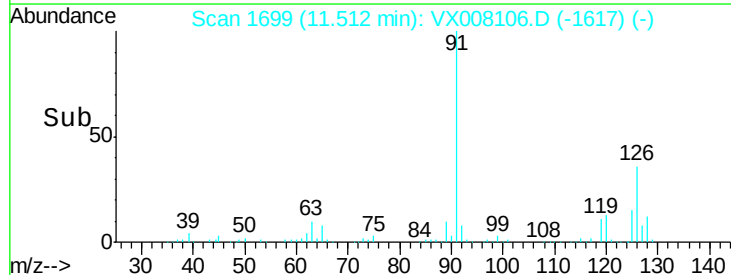
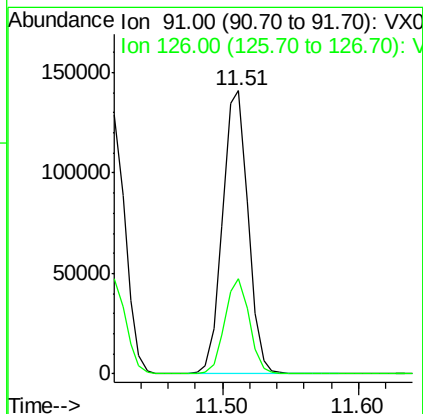
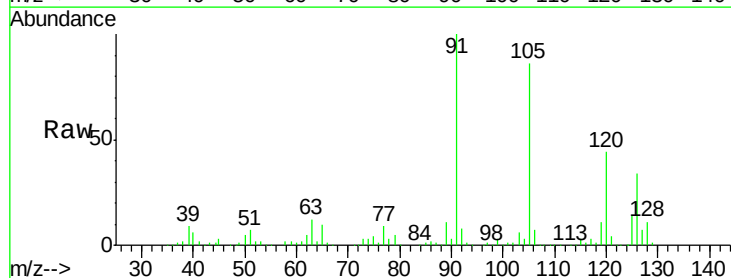
Acq: 15 Mar 2019 14:30

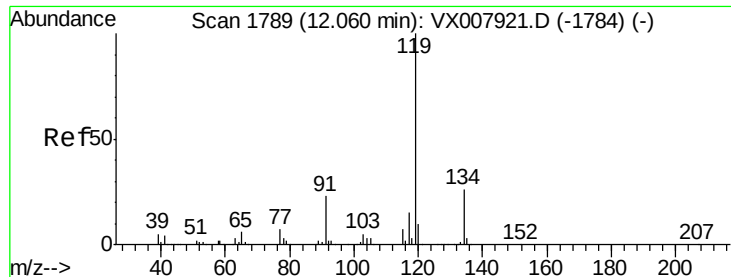
Tgt Ion: 91 Resp: 183744

Ion Ratio Lower Upper

91 100

126 32.2 0.0 66.2





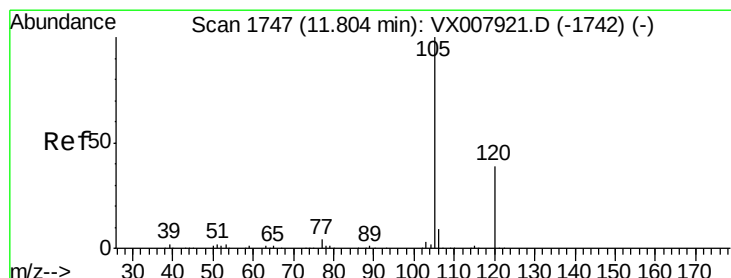
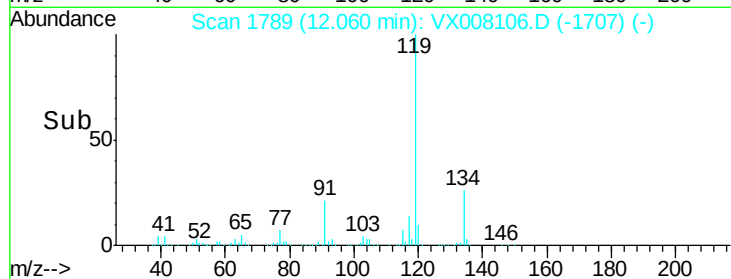
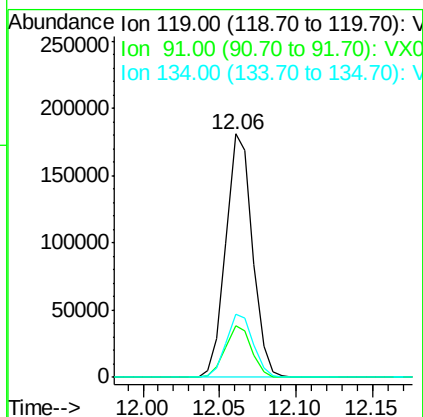
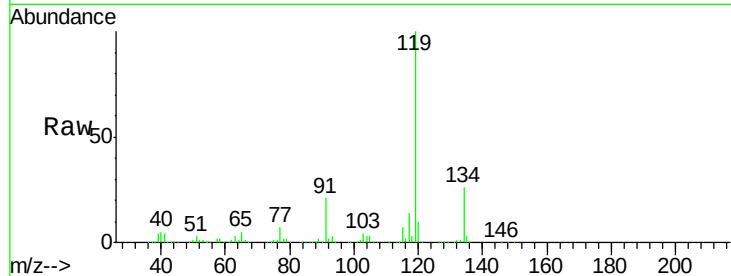
#79
tert-butylbenzene
Concen: 20.012 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Resp Lower	Upper
119	100		
91	21.0	0.0	45.0
134	26.3	0.0	55.4

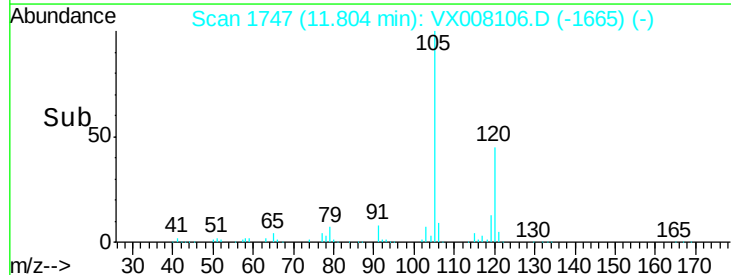
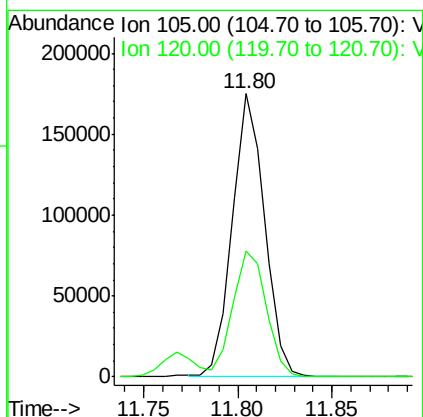
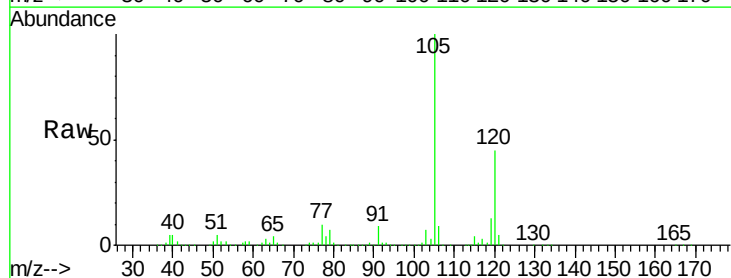
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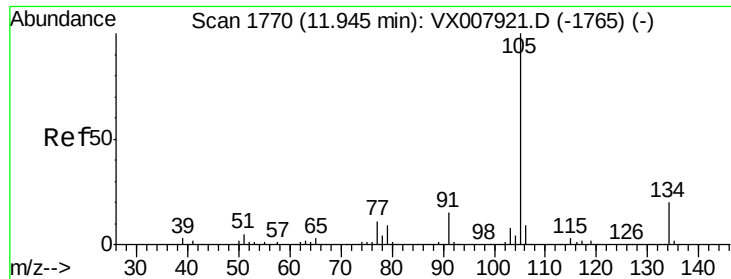
MMDadoda
3/16/2019 10:33:03 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.194 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	46.0	0.0	94.0





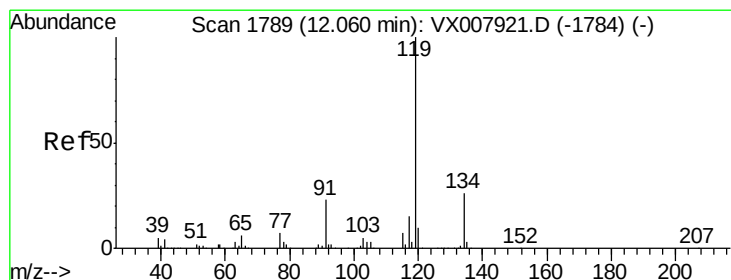
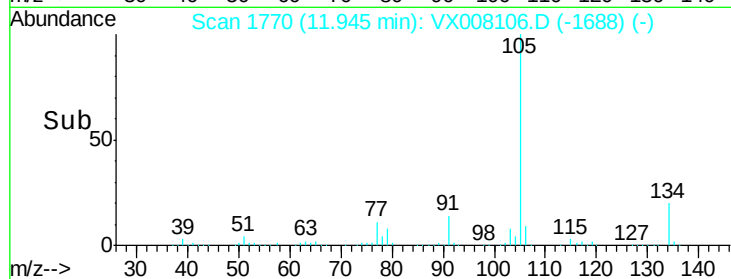
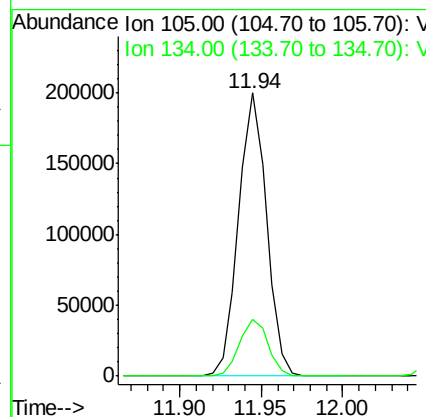
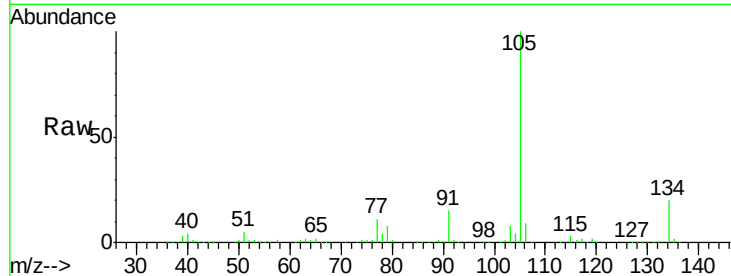
#81
 sec-Butylbenzene
 Concen: 19.644 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	239878		
134	20.7	0.0	41.8	

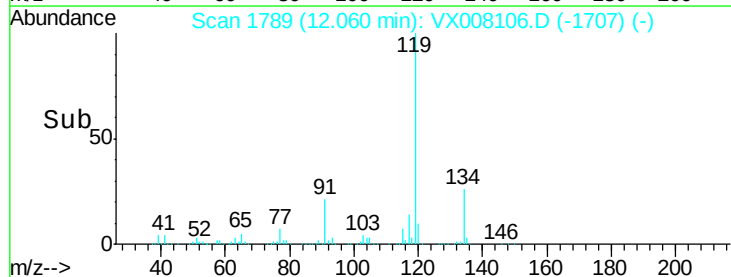
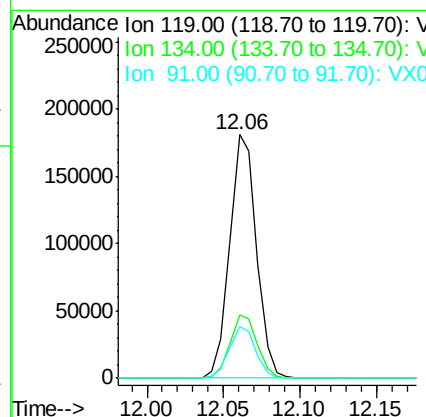
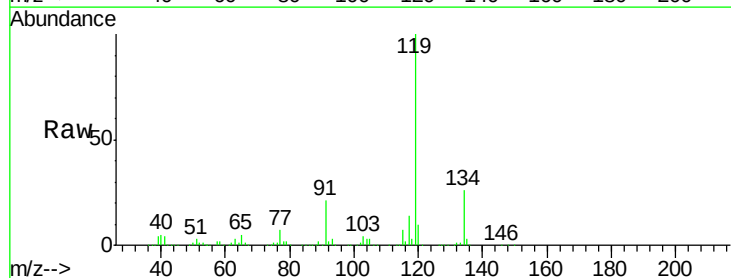
Manual Integrations
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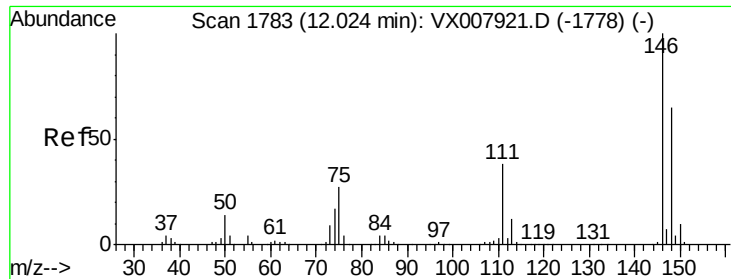
MMDadoda
 3/16/2019 10:33:03 AM



#82
 p-Isopropyltoluene
 Concen: 20.012 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	218174		
134	26.3	0.0	55.4	
91	21.0	0.0	45.0	





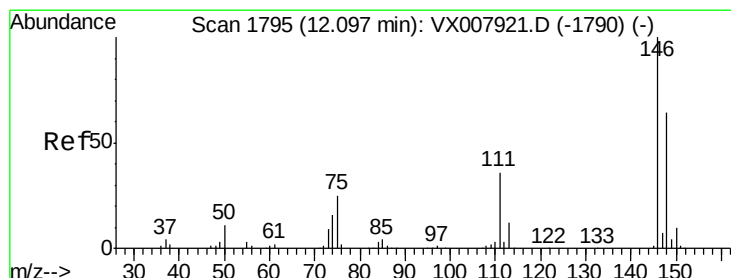
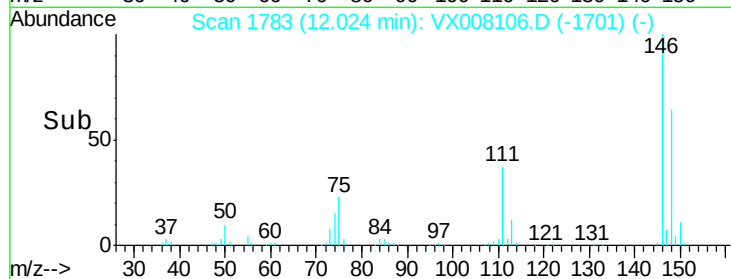
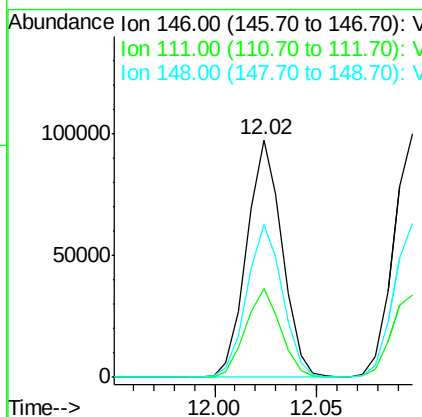
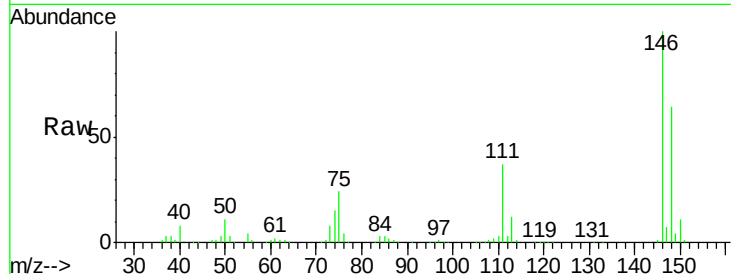
#83
 1,3-Dichlorobenzene
 Concen: 20.312 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	64.7	30.6	91.8

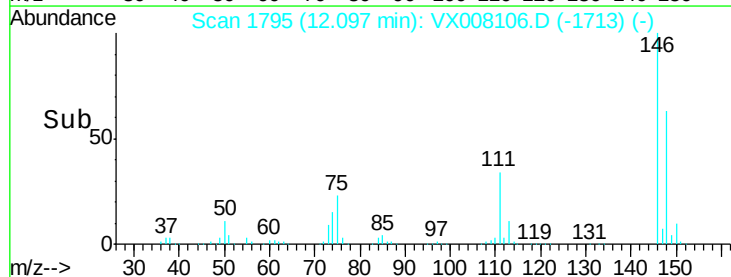
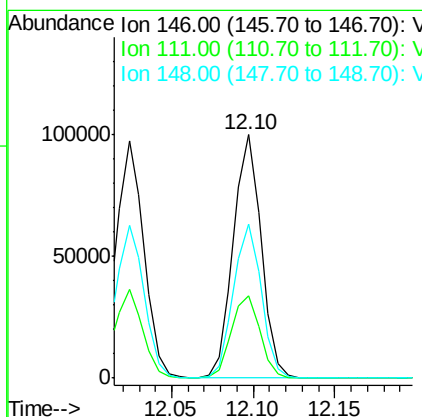
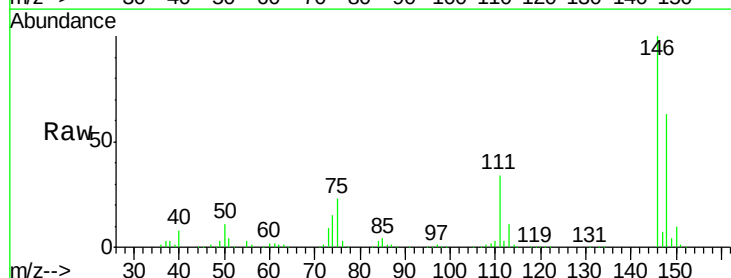
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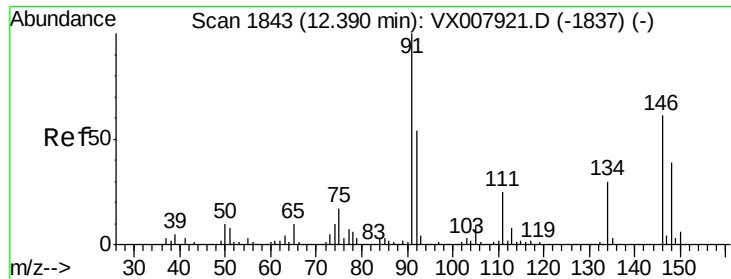
MMDadoda
 3/16/2019 10:33:03 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.575 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.6	52.8
148	63.6	31.4	94.2





#85

n-Butylbenzene

Concen: 18.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008106.D

Acq: 15 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 91 Resp: 171000

Ion Ratio Lower Upper

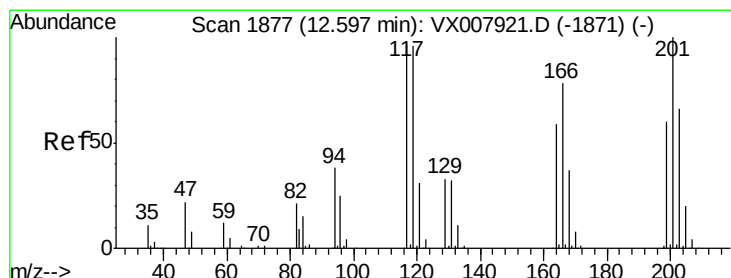
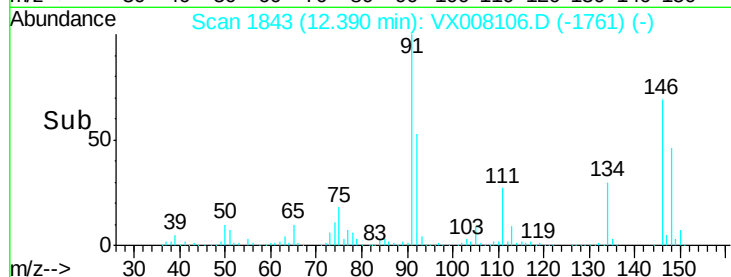
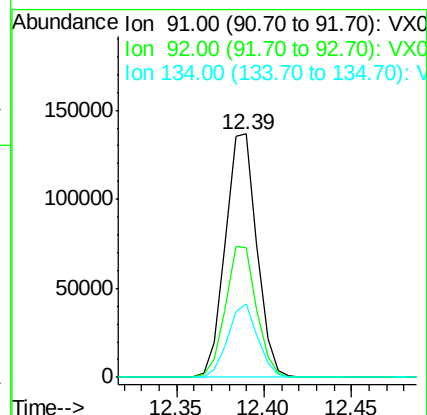
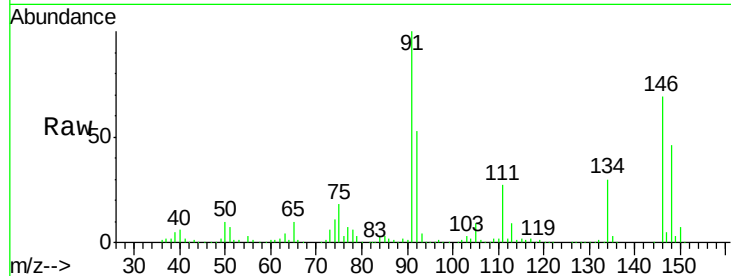
91 100

92 53.2 0.0 105.2

134 28.5 0.0 56.4

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#86

Hexachloroethane

Concen: 19.006 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008106.D

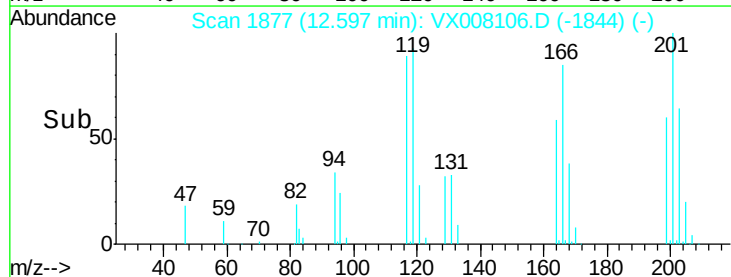
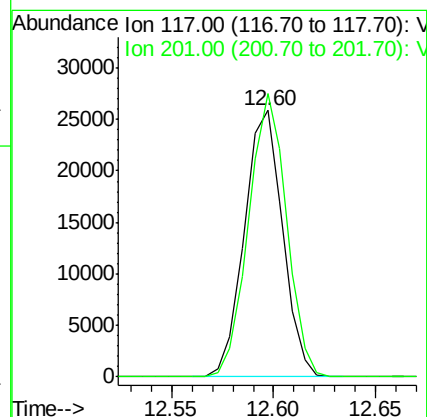
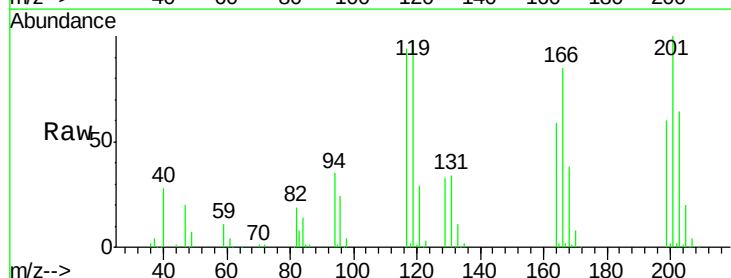
Acq: 15 Mar 2019 14:30

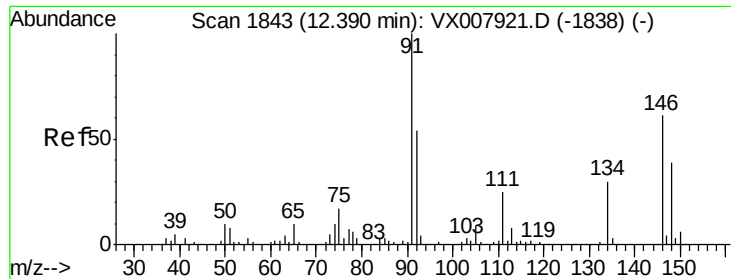
Tgt Ion: 117 Resp: 33761

Ion Ratio Lower Upper

117 100

201 105.3 41.1 123.3





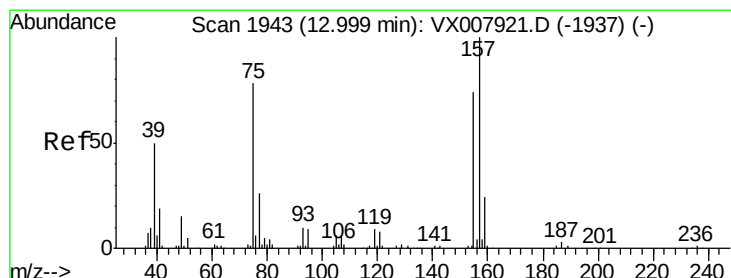
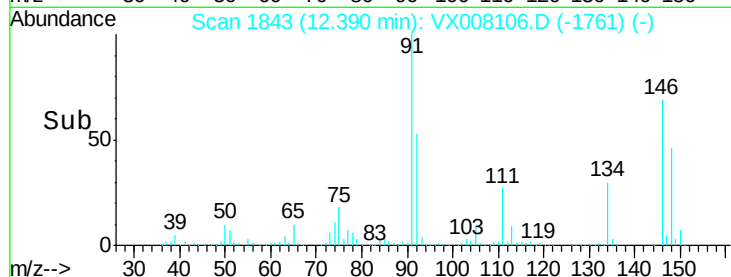
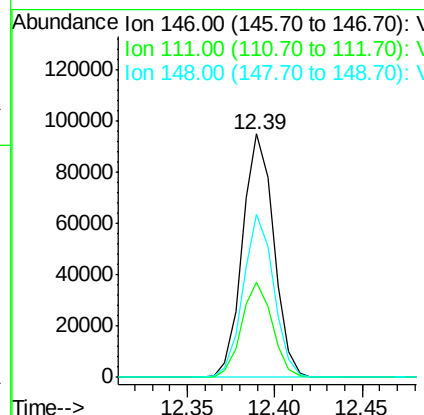
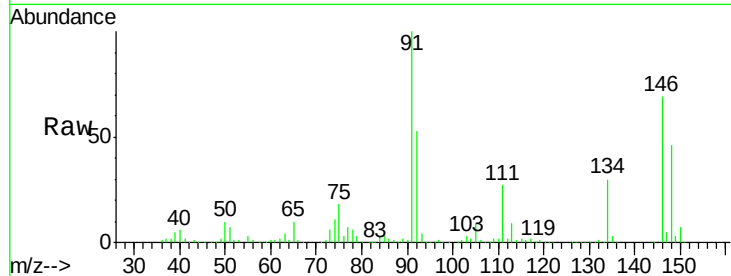
#87
 1,2-Dichlorobenzene
 Concen: 20.689 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	65.0	32.1	96.3

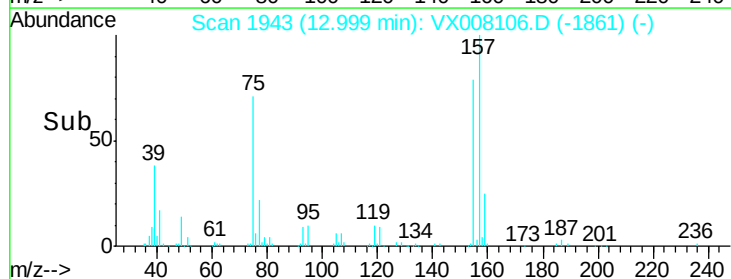
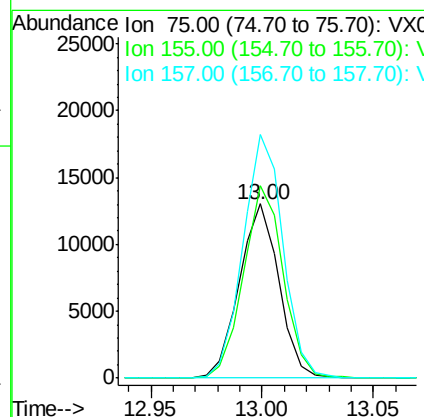
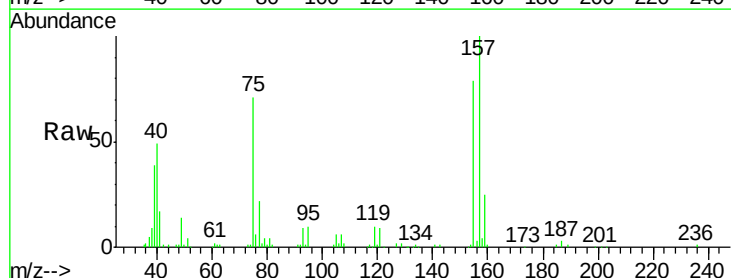
Manual Integrations
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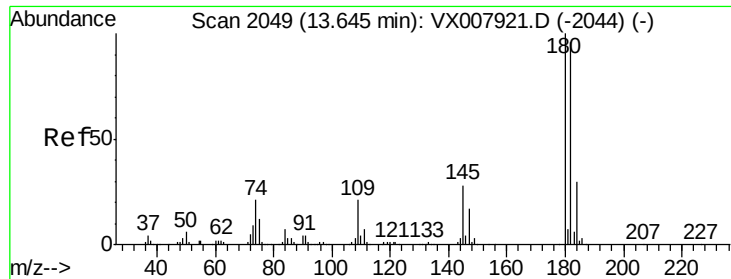
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.496 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	111.4	81.0	121.6
157	141.6	103.2	154.8





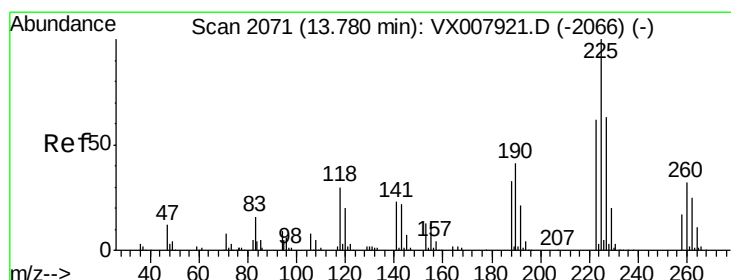
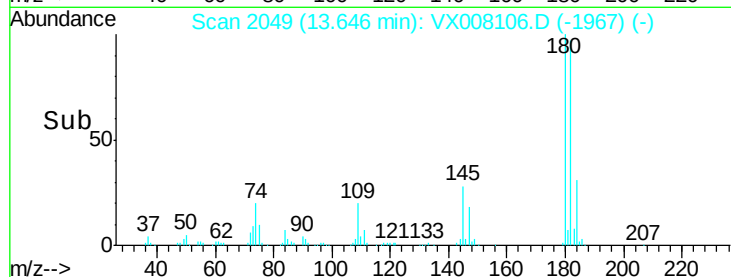
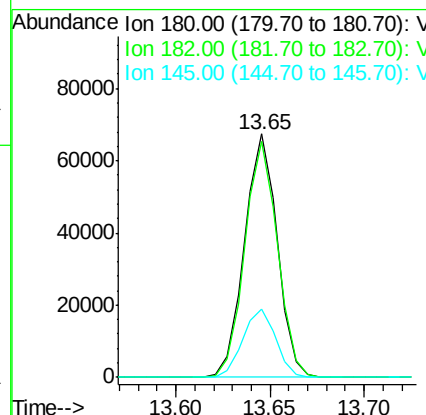
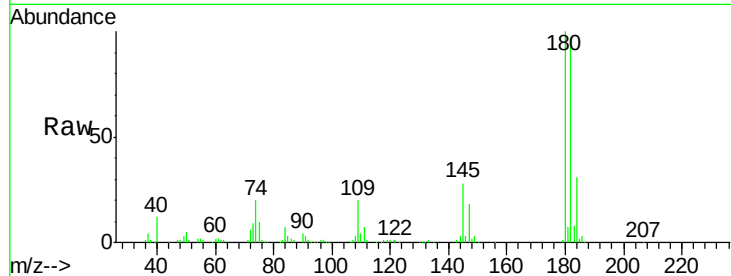
#89
 1,2,4-Trichlorobenzene
 Concen: 19.706 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	28.1	23.0	34.6

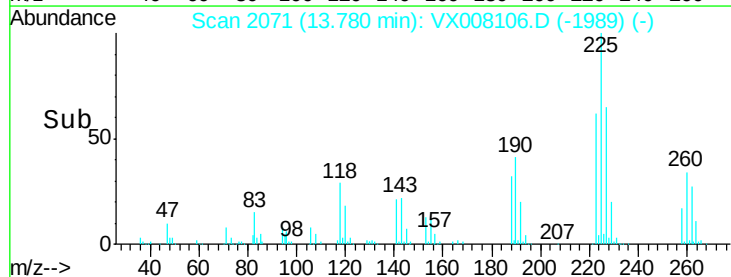
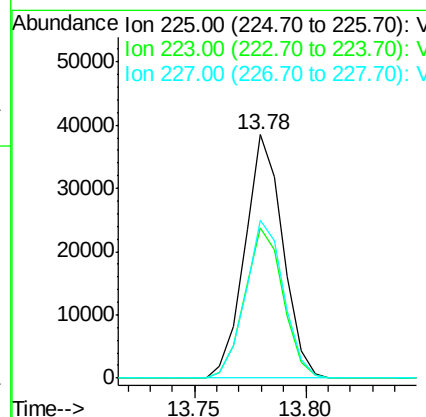
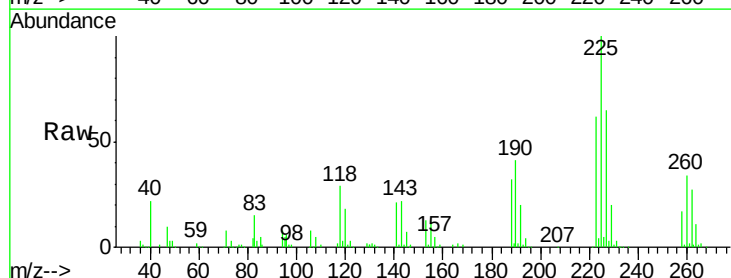
Manual Integrations
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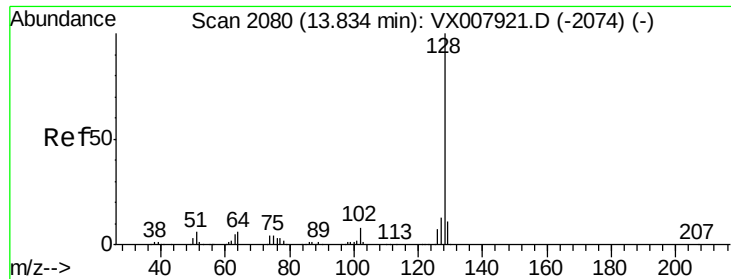
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#90
 Hexachlorobutadiene
 Concen: 20.152 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008106.D
 Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	123.8
227	65.4	0.0	124.4





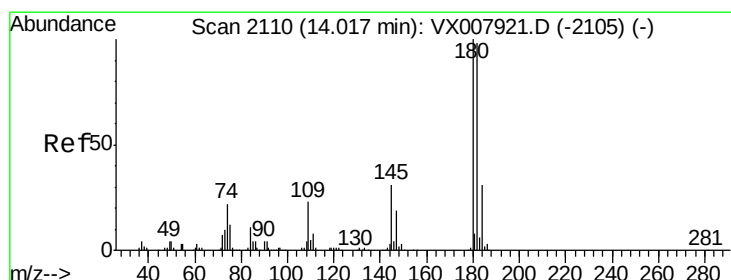
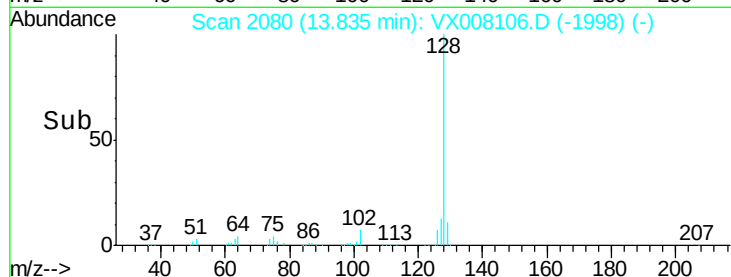
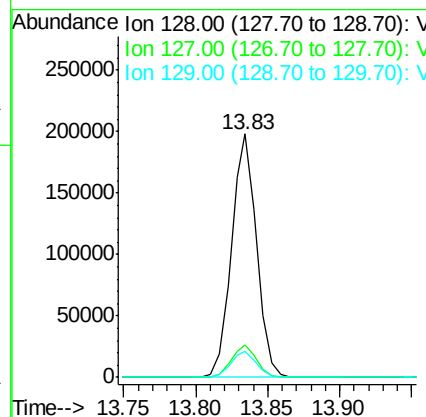
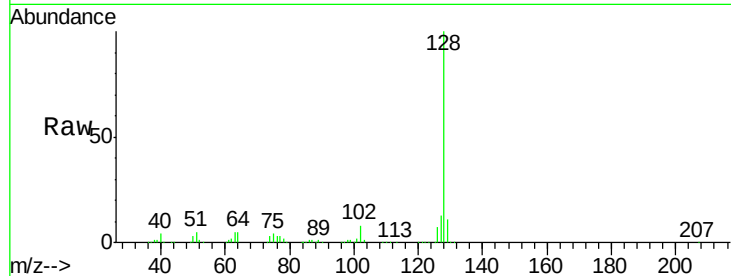
#91
Naphthalene
Concen: 20.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 20.482 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008106.D
Acq: 15 Mar 2019 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	193.0
145	29.4	0.0	63.0

