

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007651.D
 Acq On : 22 Feb 2019 11:23
 Operator : JC/SP
 Sample : VX0222WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2019 9:47:22 AM

Quant Time: Feb 22 13:08:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	69656	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	363039	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	337932	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	136982	30.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.13	95	159026	30.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.20%
63) Toluene-d8	8.71	98	451719	29.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	72778	20.632	ug/l 98
3) Chloromethane	1.33	50	80611	20.794	ug/l 100
4) Vinyl Chloride	1.41	62	85631	19.638	ug/l 99
5) Bromomethane	1.64	94	81021	20.807	ug/l 96
6) Chloroethane	1.73	64	54426	18.362	ug/l 96
7) Trichlorofluoromethane	1.93	101	132459	19.379	ug/l 100
8) Diethyl Ether	2.19	74	50682	18.562	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79020	20.490	ug/l 99
10) 1,1-Dichloroethene	2.38	96	74470	19.460	ug/l 93
11) Methyl Iodide	2.51	142	106984	19.452	ug/l 94
12) Methyl Acetate	2.78	43	91952	17.424	ug/l 96
13) Acrolein	2.30	56	59487	64.619	ug/l 97
14) Acrylonitrile	3.15	53	221087	90.921	ug/l 100
15) Acetone	2.45	58	65439	99.162	ug/l 98
16) Carbon Disulfide	2.57	76	188627	18.587	ug/l 100
17) Allyl chloride	2.73	41	119311	18.197	ug/l 95
18) Methylene Chloride	2.86	84	80865	18.791	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	76566	18.706	ug/l 96
20) Diisopropyl ether	3.87	45	242903	19.603	ug/l 98
21) 1,1-Dichloroethane	3.70	63	138416	19.926	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	88959	19.530	ug/l 97
23) tert-Butyl Alcohol	3.07	59	97521	95.418	ug/l # 99
24) Methyl tert-Butyl Ether	3.20	73	237266	17.866	ug/l 98
25) Chloroform	5.21	83	145514	19.834	ug/l 97
26) Cyclohexane	5.57	56	115427	19.816	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	101655	20.074	ug/l 99
30) 2-Butanone	4.70	43	309714	103.347	ug/l 98
31) 2,2-Dichloropropane	4.59	77	96251	23.394	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	123630	20.425	ug/l 99
33) Carbon Tetrachloride	5.78	117	107975	20.180	ug/l 97
34) Benzene	6.15	78	319658	20.023	ug/l 96
35) Methacrylonitrile	5.06	41	62693	20.120	ug/l 96
36) 1,2-Dichloroethane	6.20	62	110434	20.327	ug/l 99
37) Trichloroethene	7.21	130	93147	20.294	ug/l 98
38) Methylcyclohexane	7.46	83	123819	21.122	ug/l 100
39) 1,2-Dichloropropane	7.52	63	81569	20.542	ug/l 99
40) Dibromomethane	7.66	93	57880	20.183	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	101383	19.921	ug/l	99
42) Vinyl Acetate	3.82	43	1057291	100.793	ug/l	100
43) Ethyl Acetate	4.85	43	116800	20.352	ug/l	96
44) Isopropyl Acetate	6.46	43	173307	19.559	ug/l	100
45) 1,4-Dioxane	7.75	88	42616	407.516	ug/l	99
46) Methyl methacrylate	7.77	41	89339	19.911	ug/l	99
47) n-amyl Acetate	10.90	43	155387	19.896	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	105697	20.118	ug/l	99
49) cis-1,3-Dichloropropene	8.44	75	117790	20.133	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	87178	20.849	ug/l	94
51) Ethyl methacrylate	9.18	69	119724	19.749	ug/l	98
52) 1,3-Dichloropropane	9.37	76	138106	20.476	ug/l	100
53) Dibromochloromethane	9.58	129	88118	20.261	ug/l	100
54) 1,2-Dibromoethane	9.67	107	94612	20.663	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	320063	103.847	ug/l	100
56) Bromoform	10.85	173	63413	19.330	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	598247	98.421	ug/l	100
59) 2-Hexanone	9.49	43	461669	99.994	ug/l	100
61) Tetrachloroethene	9.34	164	95873	19.985	ug/l	96
62) Toluene	8.79	91	357467	19.423	ug/l	100
64) Chlorobenzene	10.14	112	236072	19.738	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	85539	19.746	ug/l	99
66) Ethyl Benzene	10.25	91	381274	19.522	ug/l	99
67) m/p-Xylenes	10.36	106	304268	39.721	ug/l	98
68) o-Xylene	10.70	106	145105	19.422	ug/l	100
69) Styrene	10.71	104	234363	19.439	ug/l	99
70) Isopropylbenzene	11.02	105	390113	19.793	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	127930	19.635	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	123883m	20.795	ug/l	
73) Bromobenzene	11.26	156	106757	19.839	ug/l	99
74) n-propylbenzene	11.36	91	434352	19.847	ug/l	99
75) 2-Chlorotoluene	11.42	91	260390	19.899	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	320142	19.898	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	33308	19.370	ug/l	99
78) 4-Chlorotoluene	11.51	91	293822	19.672	ug/l	100
79) tert-butylbenzene	12.06	119	337168	19.735	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	326771	20.007	ug/l	98
81) sec-Butylbenzene	11.94	105	384601	20.017	ug/l	100
82) p-Isopropyltoluene	12.06	119	337168	19.735	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	187085	19.776	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	186219	19.726	ug/l	98
85) n-Butylbenzene	12.38	91	275808	19.455	ug/l	99
86) Hexachloroethane	12.60	117	53138	18.734	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	189026	19.908	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	26246	19.303	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	120245	19.282	ug/l	98
90) Hexachlorobutadiene	13.78	225	58241	19.989	ug/l	96
91) Naphthalene	13.83	128	375491	18.880	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	122732	19.360	ug/l	99

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ClientSampleId :
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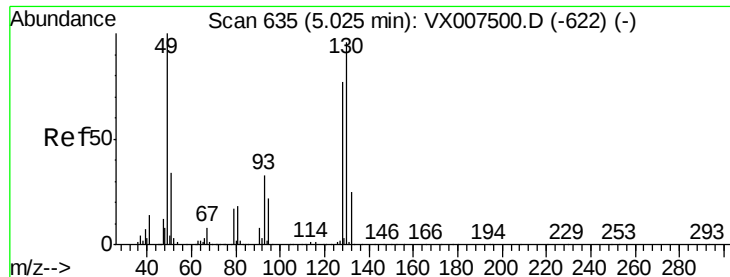
Manual Integrations
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Quant Time: Feb 22 13:08:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
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QLast Update : Wed Feb 13 07:51:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



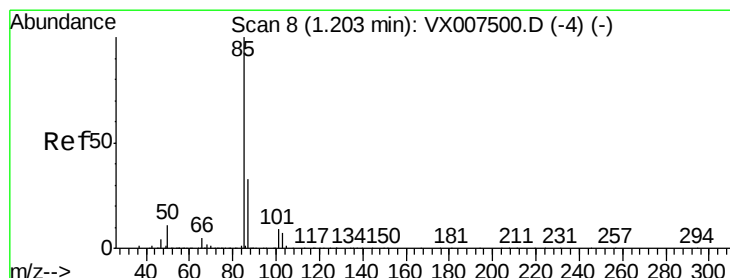
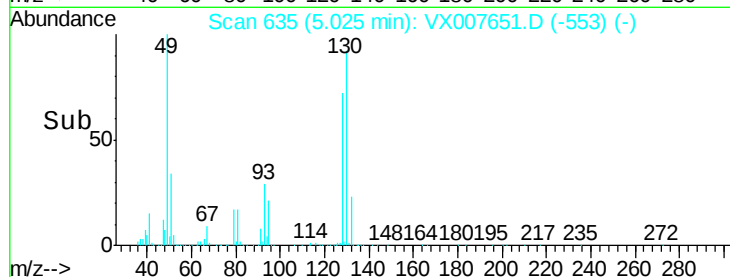
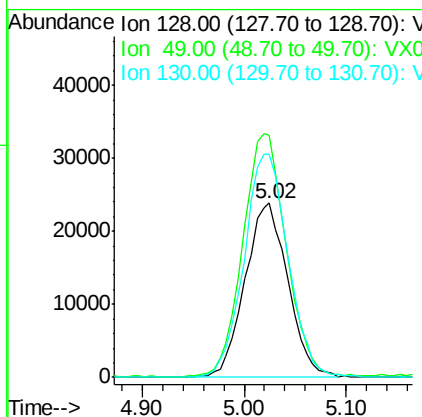
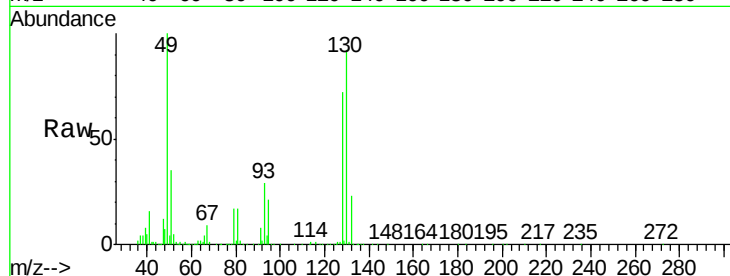
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 635
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	142.5	0.0	350.8
130	131.5	0.0	325.8

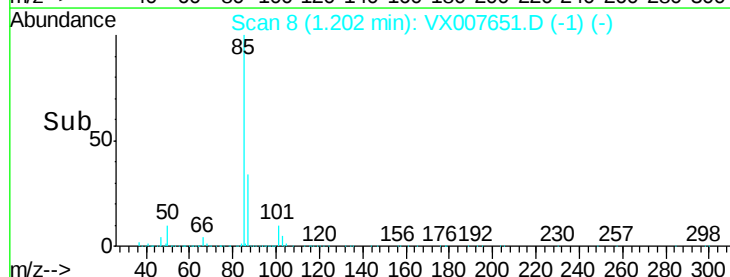
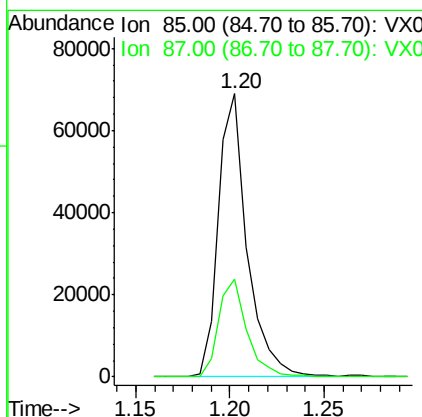
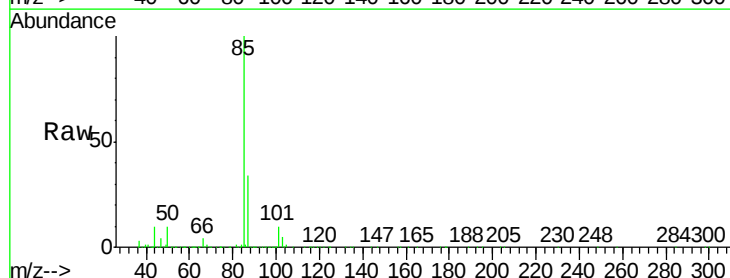
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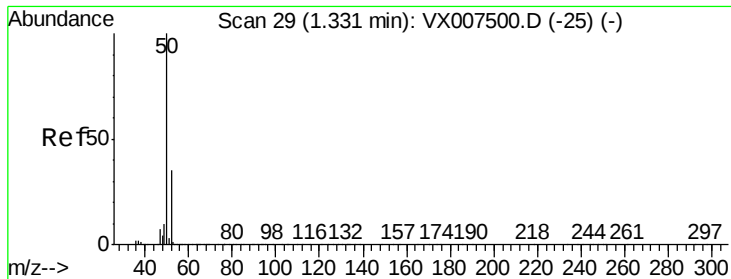
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#2
Dichlorodifluoromethane
Concen: 20.632 ug/l
RT: 1.20 min Scan# 8
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.6	49.8





#3

Chloromethane

Concen: 20.794 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 50 Resp: 80611

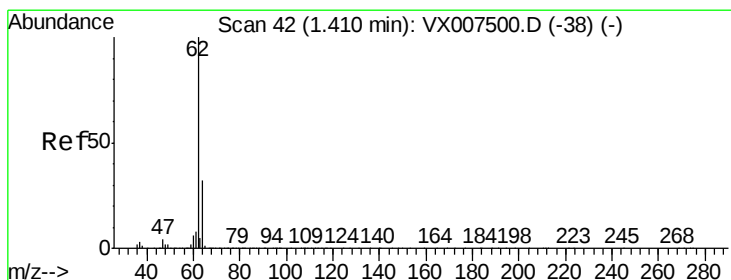
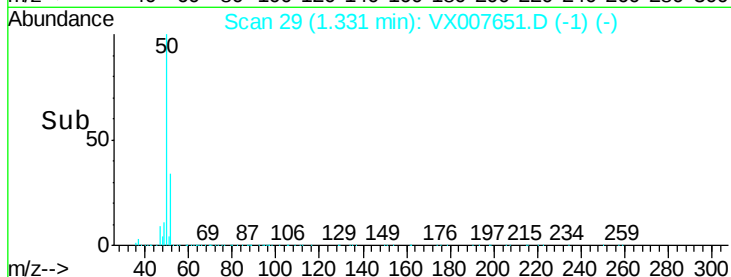
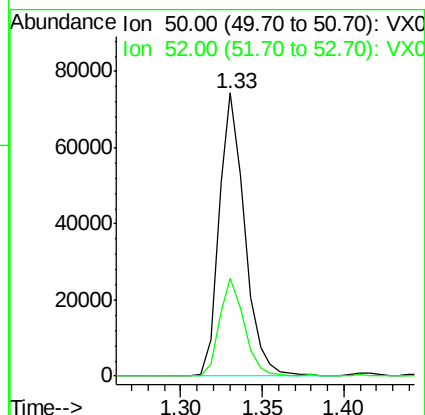
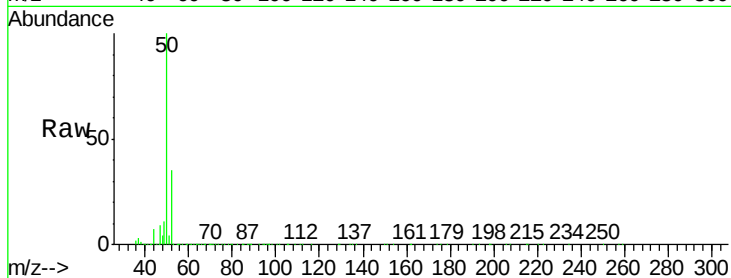
Ion Ratio Lower Upper

50 100

52 34.6 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.638 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007651.D

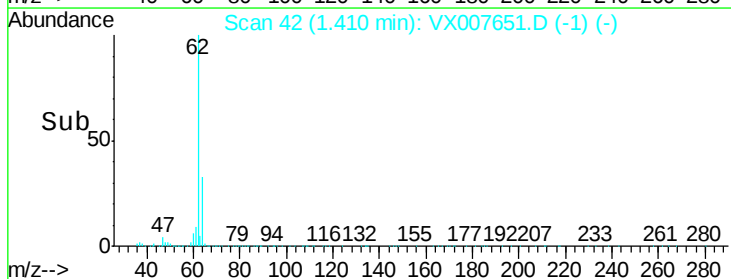
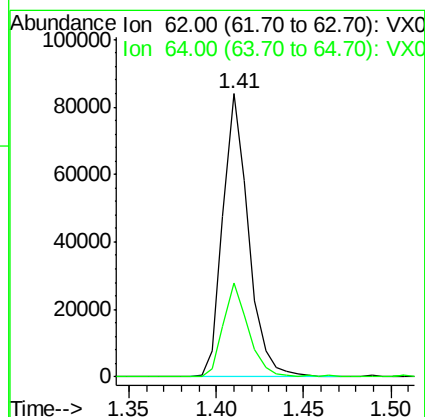
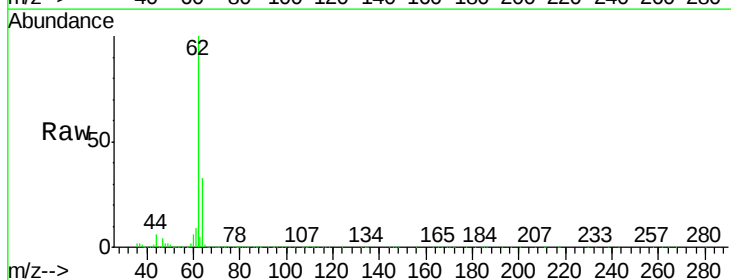
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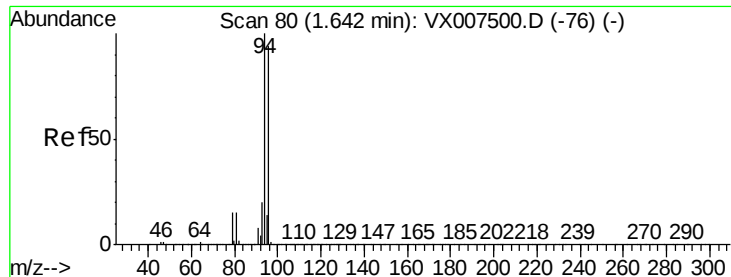
Tgt Ion: 62 Resp: 85631

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 20.807 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 94 Resp: 81021

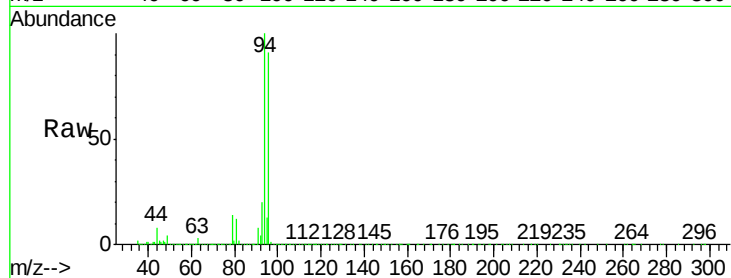
Ion Ratio Lower Upper

94 100

96 91.0 75.6 113.4

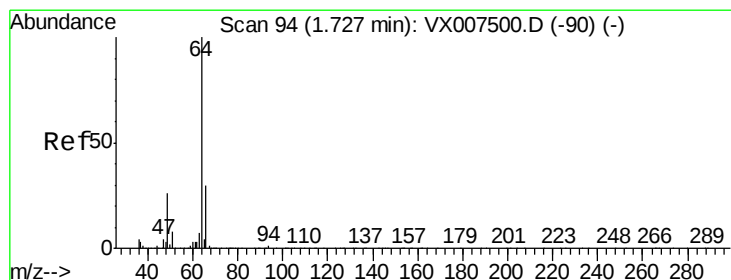
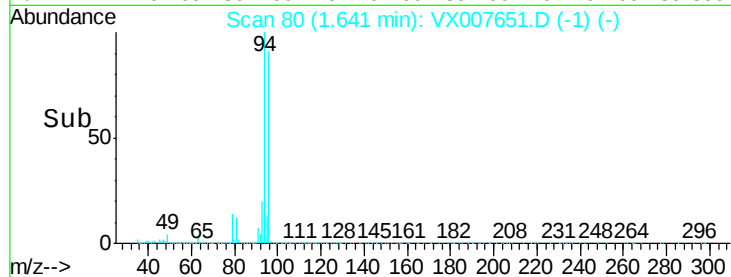
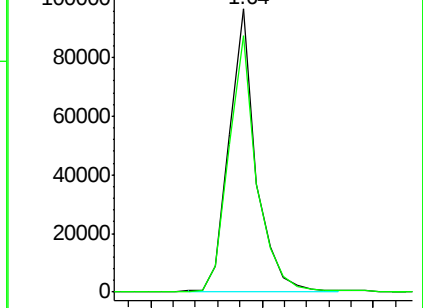
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.362 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007651.D

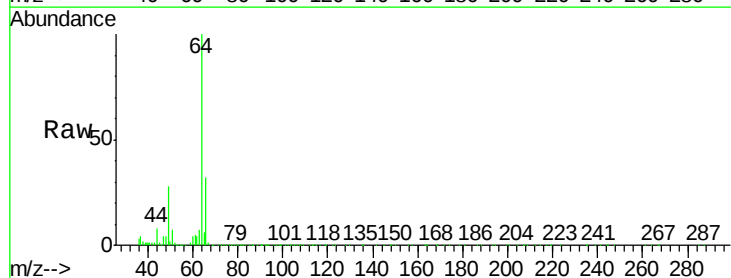
Acq: 22 Feb 2019 11:23

Tgt Ion: 64 Resp: 54426

Ion Ratio Lower Upper

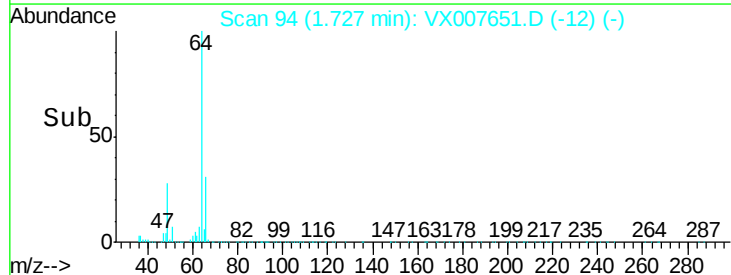
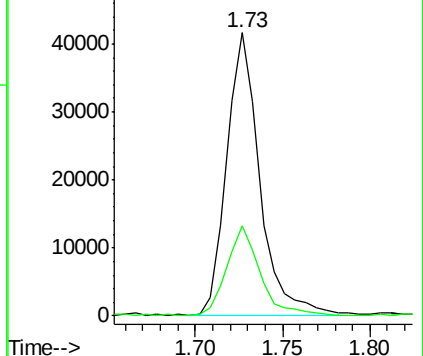
64 100

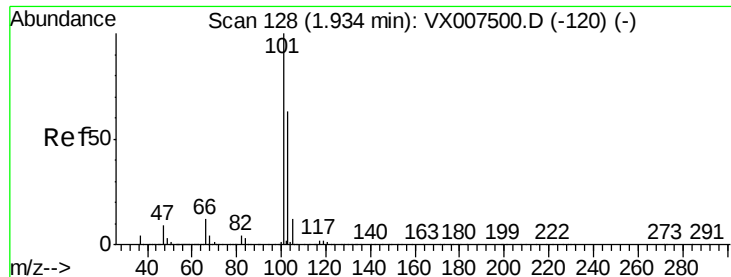
66 32.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

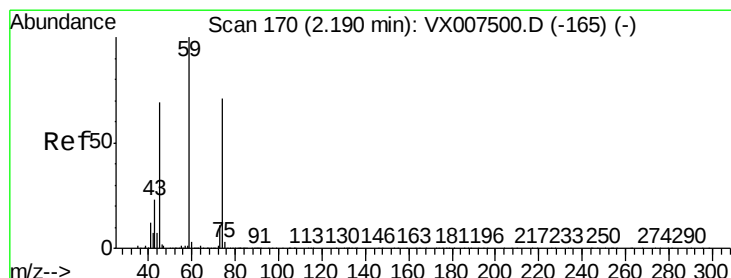
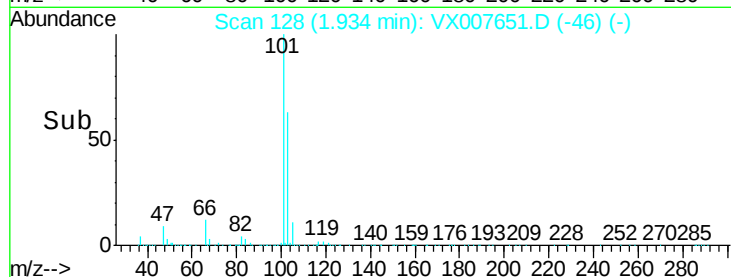
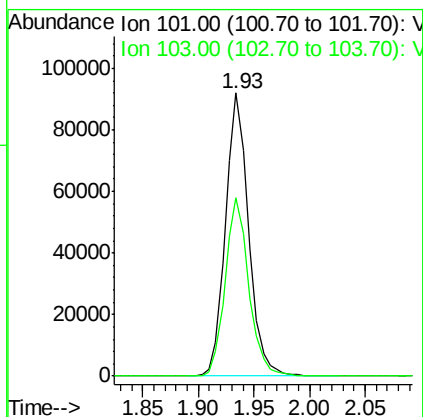
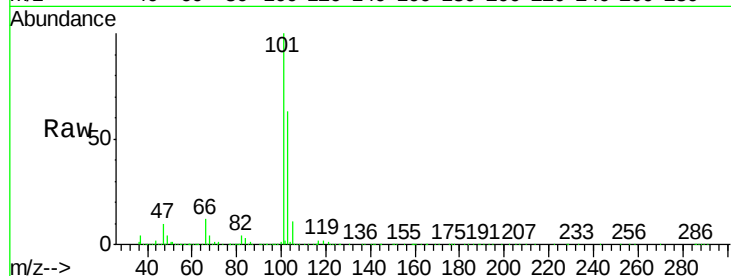
Trichlorofluoromethane
Concen: 19.379 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.4	75.6

Manual Integrations
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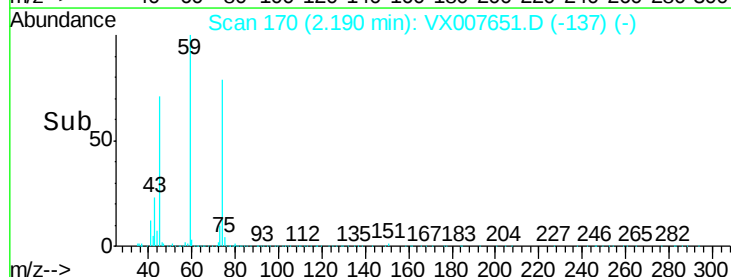
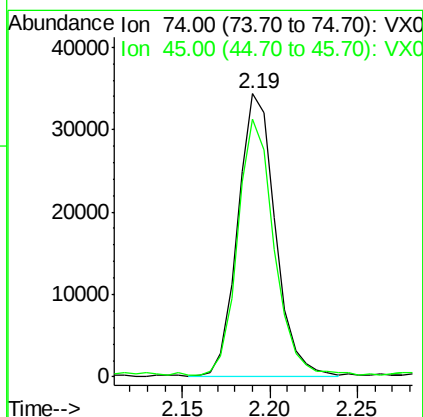
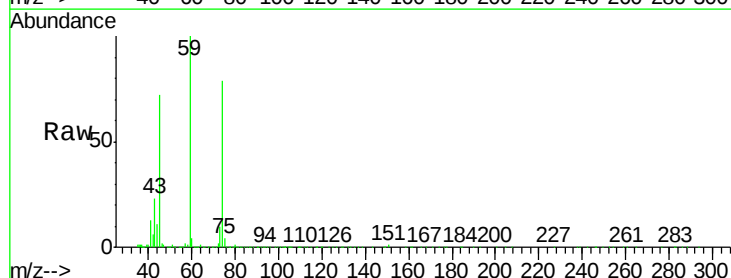
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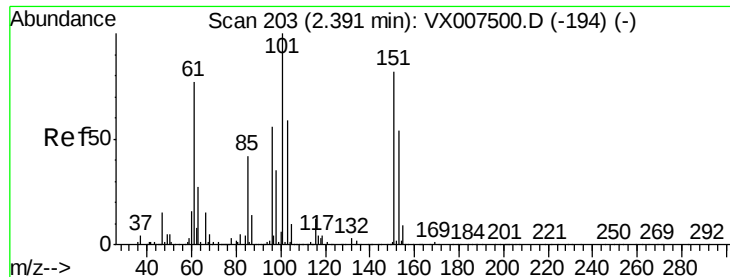


#8

Diethyl Ether
Concen: 18.562 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.490 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

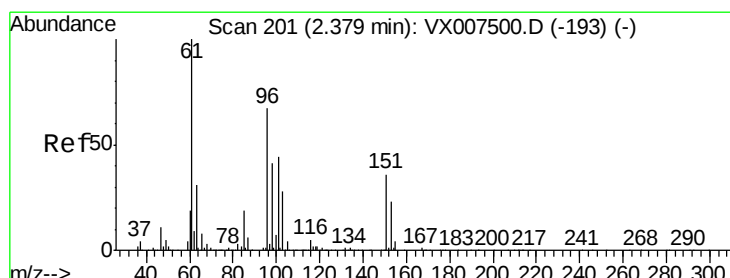
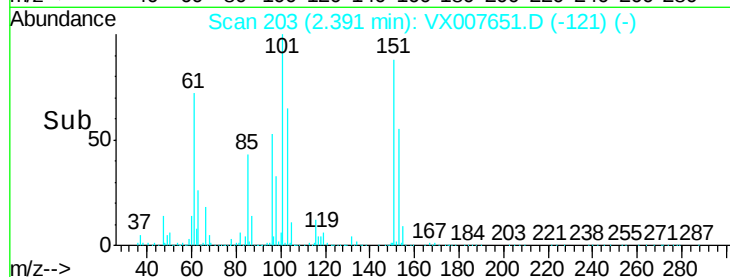
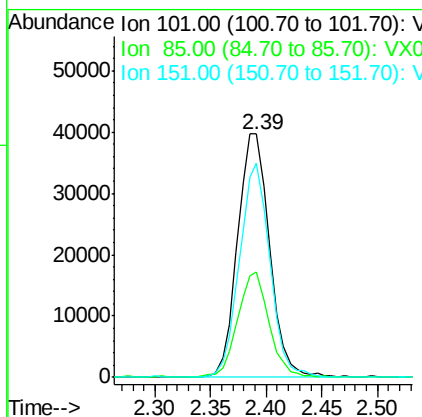
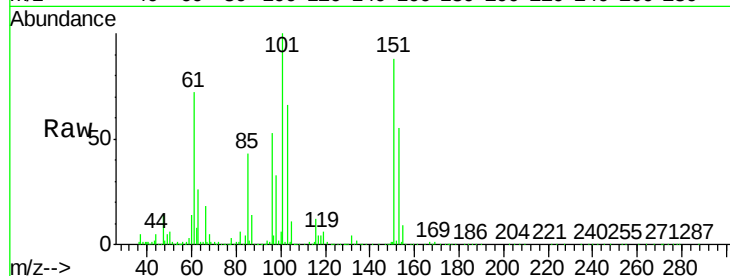
ClientSampleId :

VX0222WBS01

Tot Ion:	101	Resp:	79020
Ion Ratio	Lower	Upper	
101	100		
85	42.4	0.0	86.8
151	84.3	0.0	169.2

Manual Integrations
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2/25/2019 9:47:22 AM



#10

1,1-Dichloroethene

Concen: 19.460 ug/l

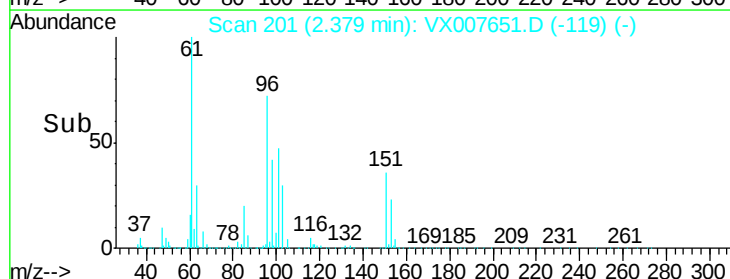
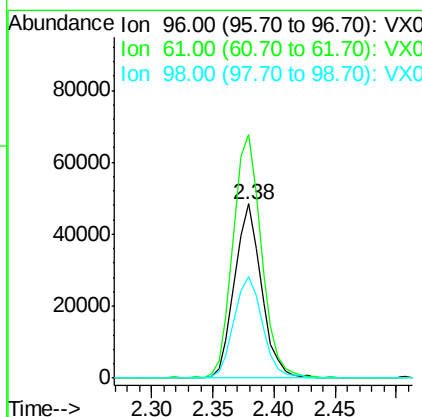
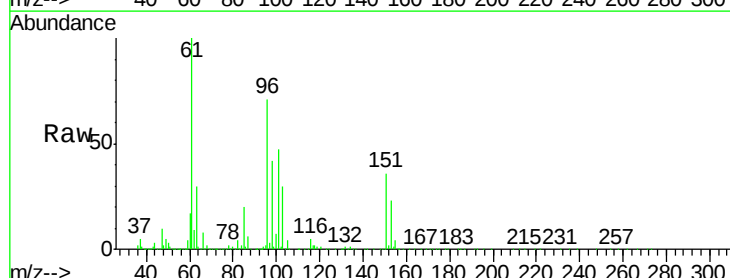
RT: 2.38 min Scan# 201

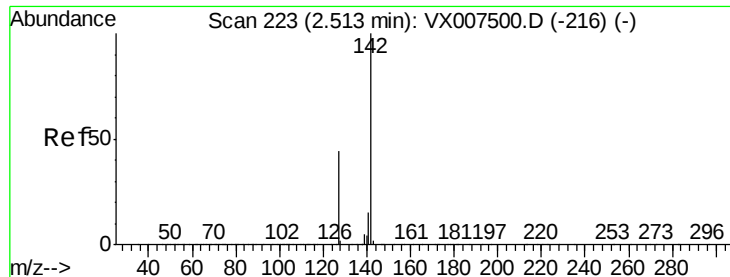
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	96	Resp:	74470
Ion Ratio	Lower	Upper	
96	100		
61	139.7	120.2	180.2
98	58.5	49.0	73.4





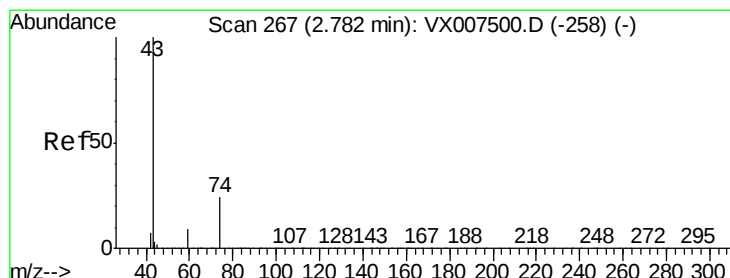
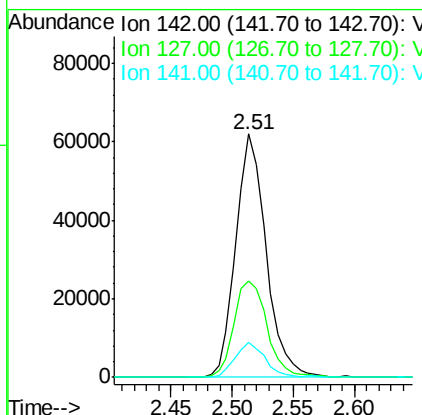
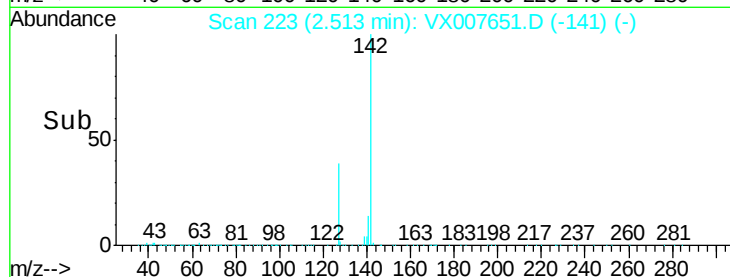
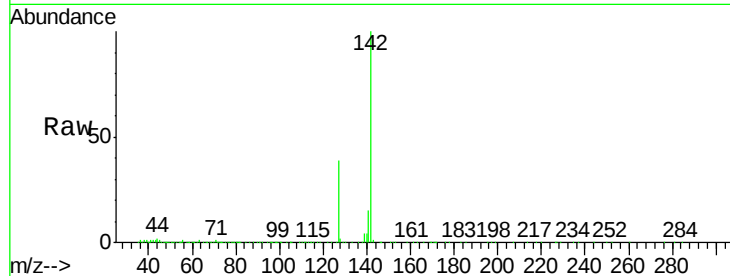
#11
Methvl Iodide
Concen: 19.452 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	22.1	66.5
141	14.5	7.4	22.3

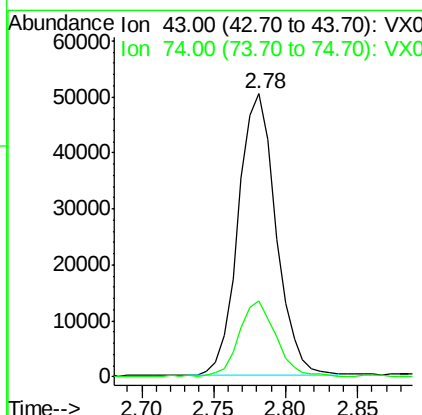
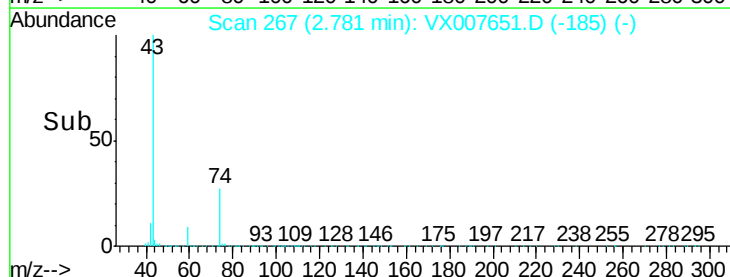
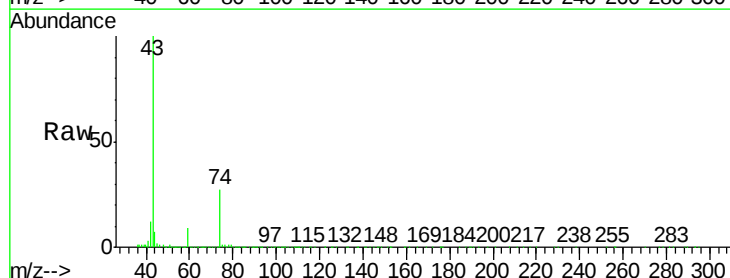
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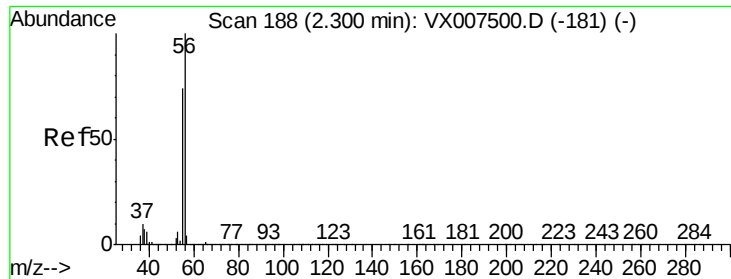
MMDadoda
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#12
Methyl Acetate
Concen: 17.424 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.4	29.0





#13

Acrolein

Concen: 64.619 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 56 Resp: 59487

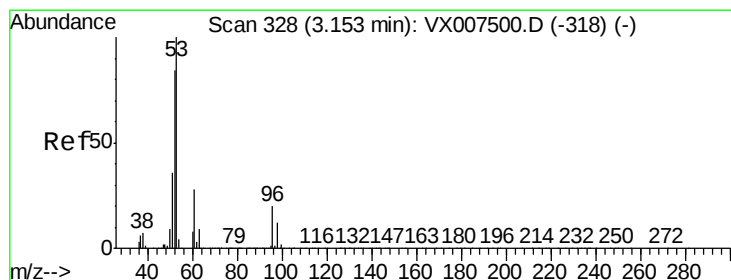
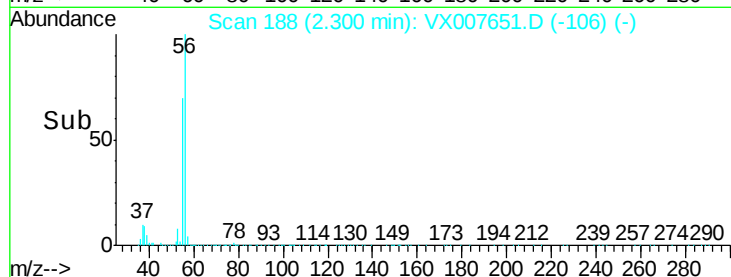
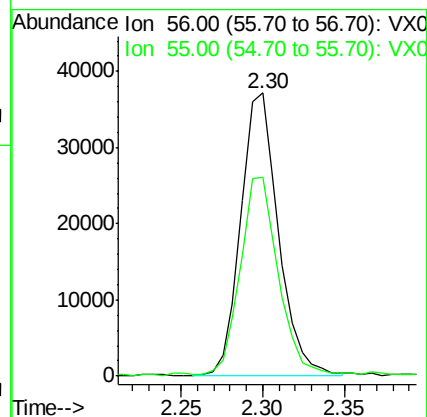
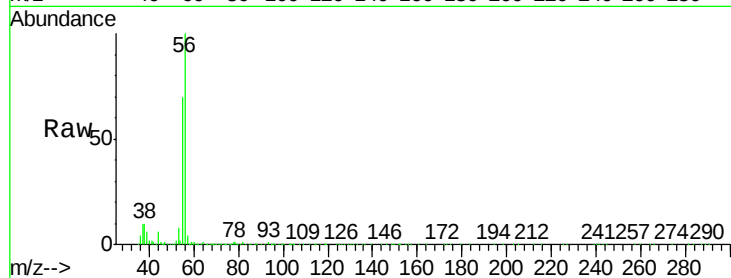
Ion Ratio Lower Upper

56 100

55 71.0 58.6 87.8

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#14

Acrylonitrile

Concen: 90.921 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

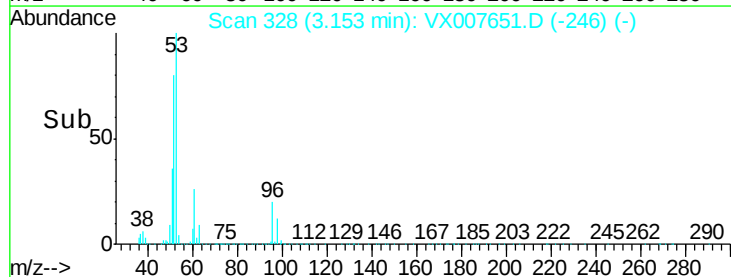
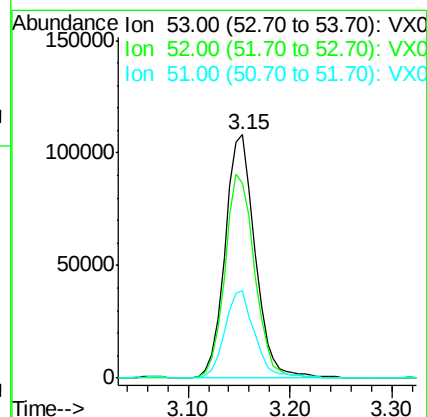
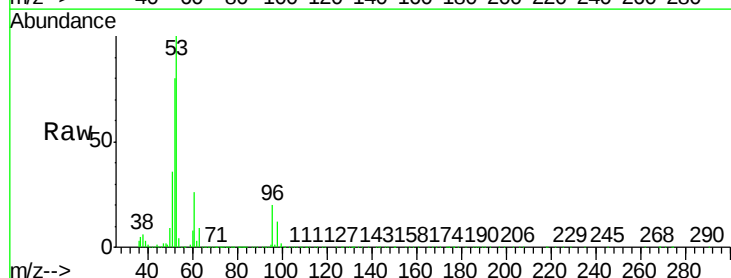
Tgt Ion: 53 Resp: 221087

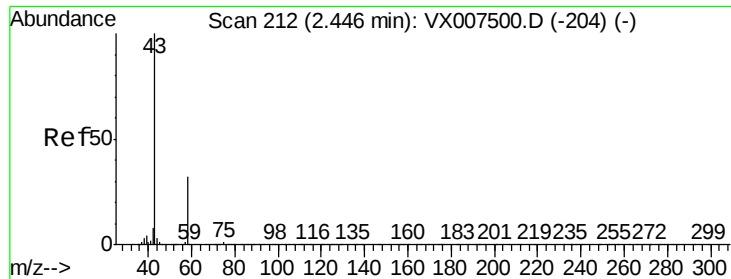
Ion Ratio Lower Upper

53 100

52 82.6 41.3 124.1

51 35.6 17.5 52.6





#15

Acetone

Concen: 99.162 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 58 Resp: 65439

Ion Ratio Lower Upper

58 100

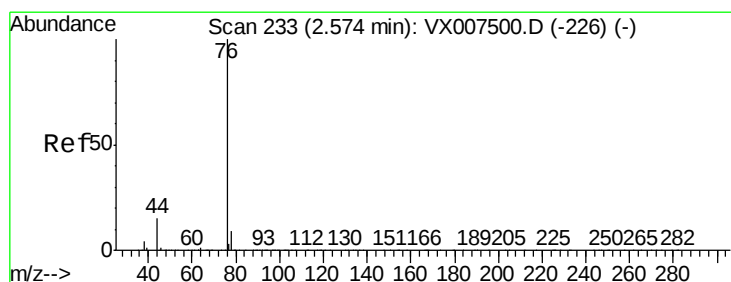
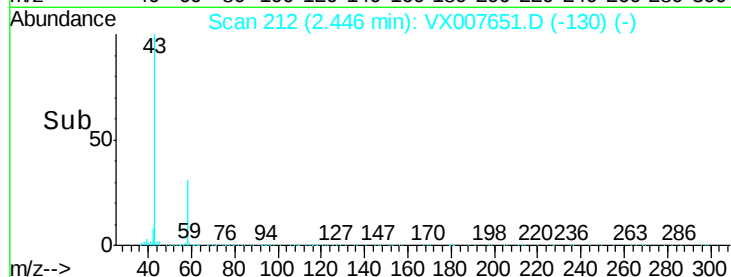
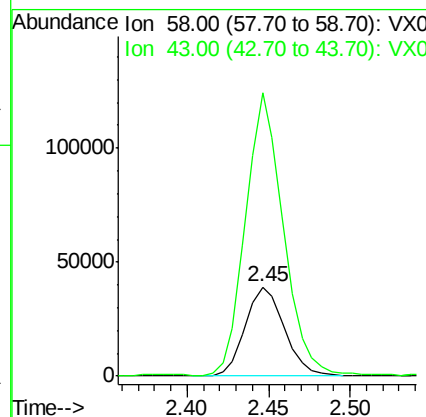
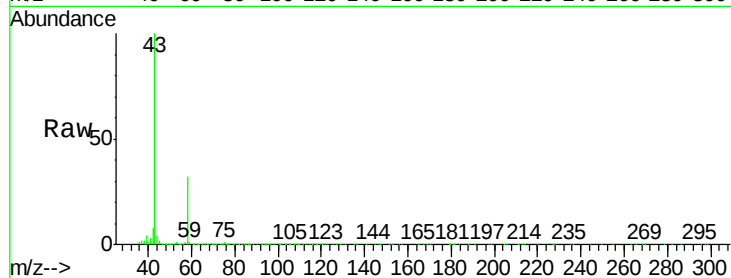
43 316.7 249.8 374.6

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#16

Carbon Disulfide

Concen: 18.587 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007651.D

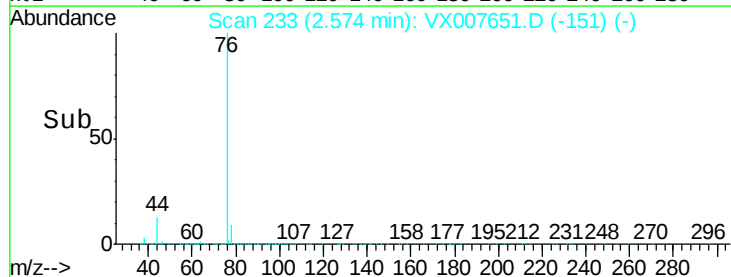
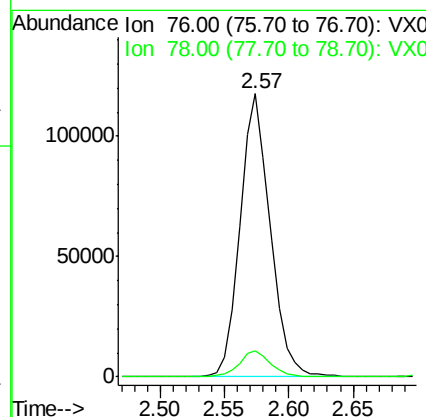
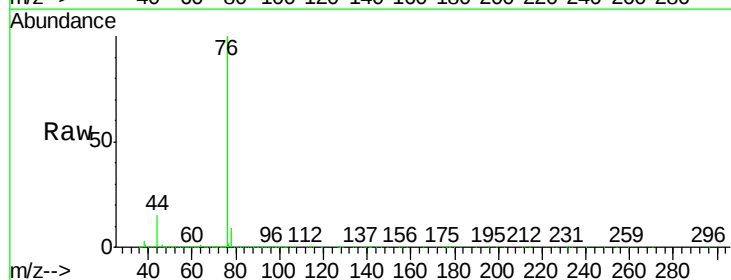
Acq: 22 Feb 2019 11:23

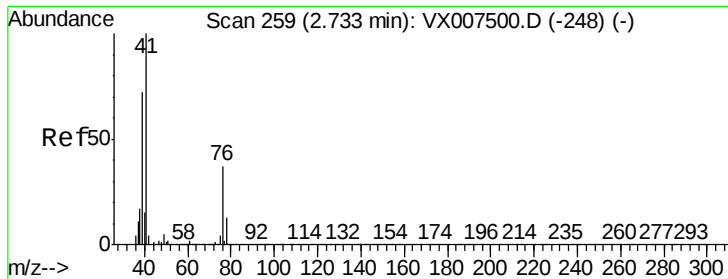
Tgt Ion: 76 Resp: 188627

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





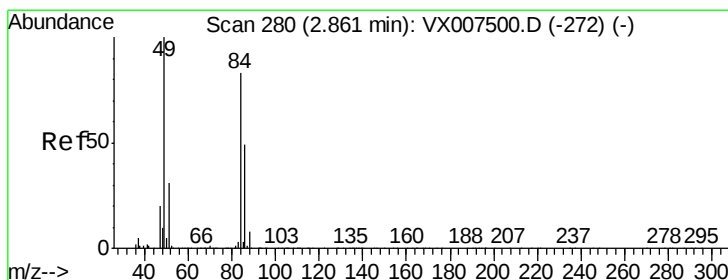
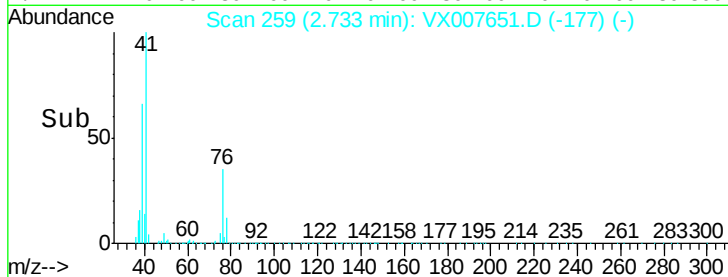
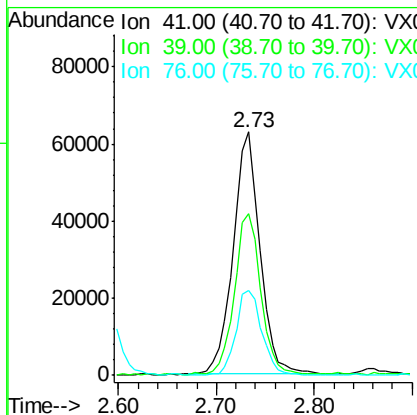
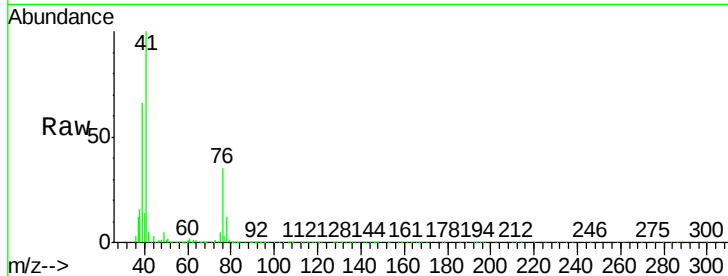
#17
Allvl chloride
Concen: 18.197 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	119311		
39	66.2	35.8	107.4	
76	35.1	18.3	54.9	

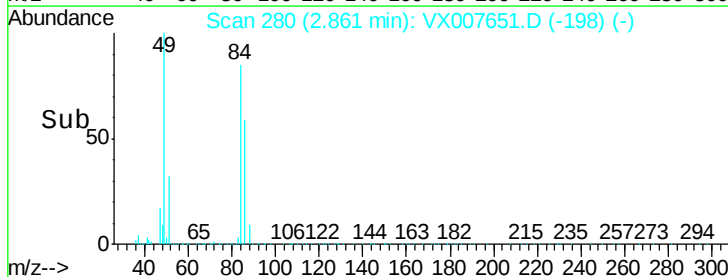
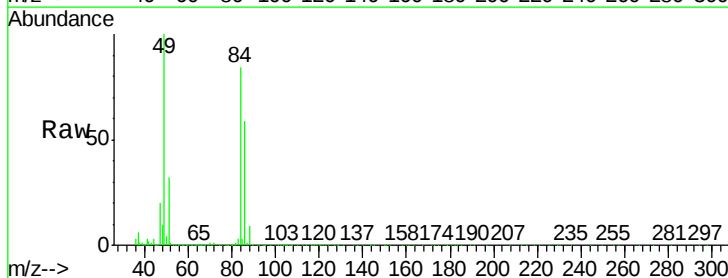
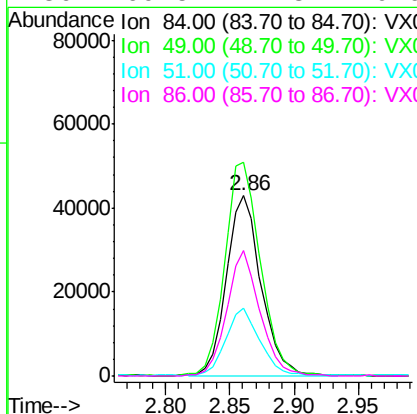
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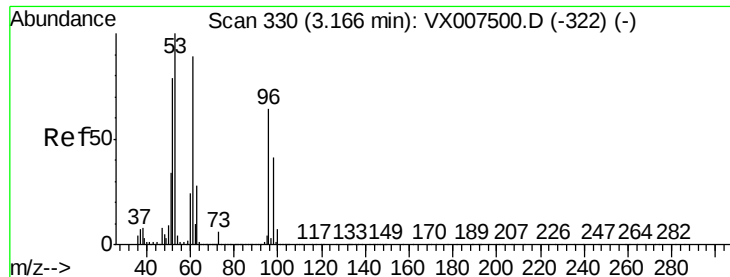
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#18
Methylene Chloride
Concen: 18.791 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	80865		
49	118.5	96.1	144.1	
51	37.7	29.1	43.7	
86	69.5	47.3	70.9	





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007651.D

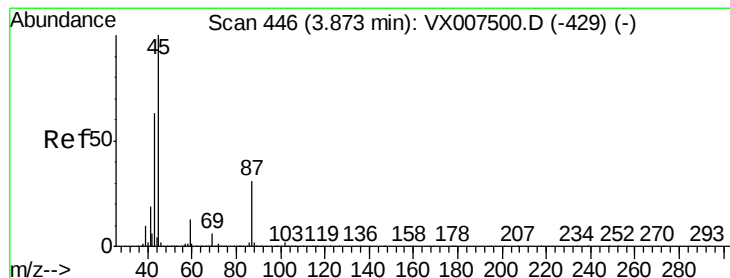
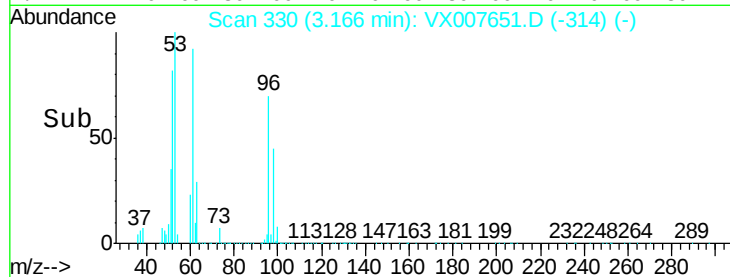
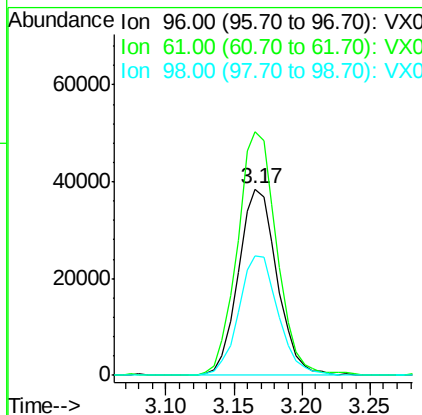
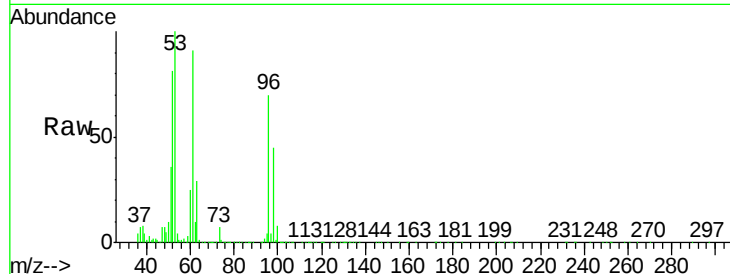
Acq: 22 Feb 2019 11:23

Tot Ion:	96	Resp:	76566
Ion	Ratio	Lower	Upper
96	100		
61	130.4	109.9	164.9
98	63.8	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

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#20

Diisopropyl ether

Concen: 19.603 ug/l

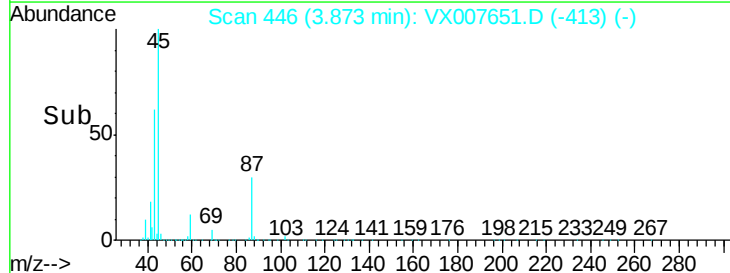
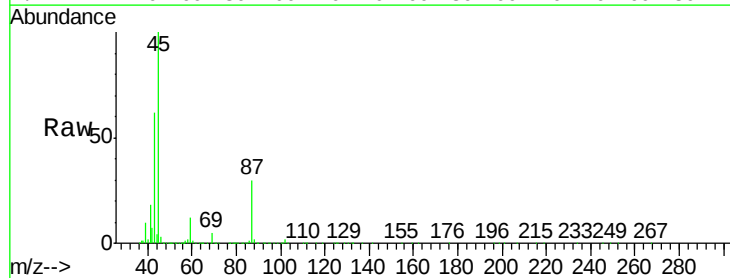
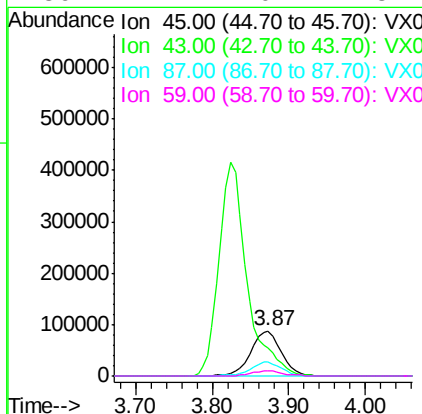
RT: 3.87 min Scan# 446

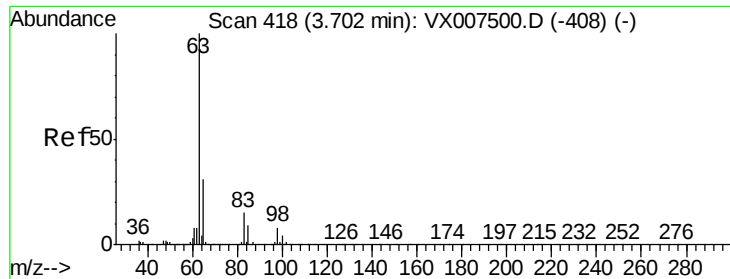
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	45	Resp:	242903
Ion	Ratio	Lower	Upper
45	100		
43	61.6	50.6	76.0
87	30.3	24.5	36.7
59	12.1	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.926 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

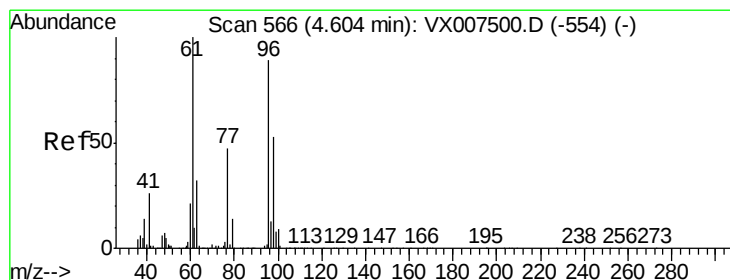
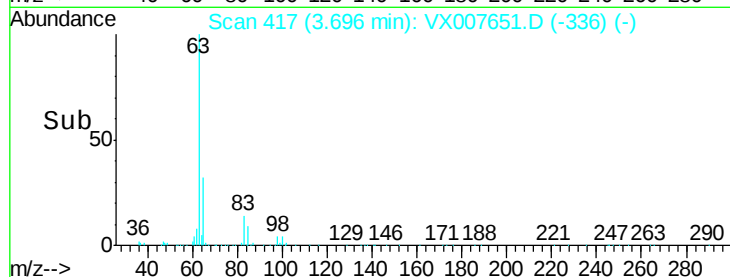
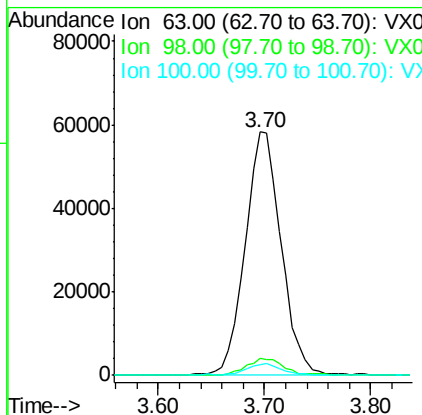
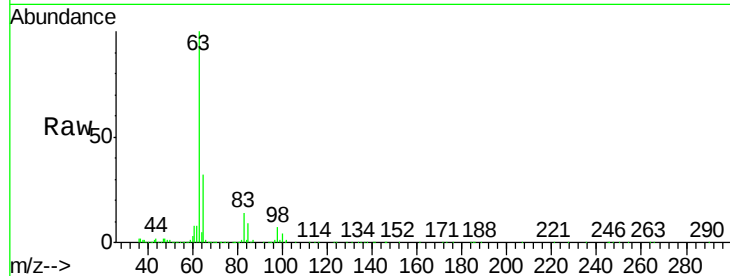
ClientSampleId :

VX0222WBS01

Tot Ion:	63	Resp:	138416
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.8	11.4
100	4.2	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 19.530 ug/l

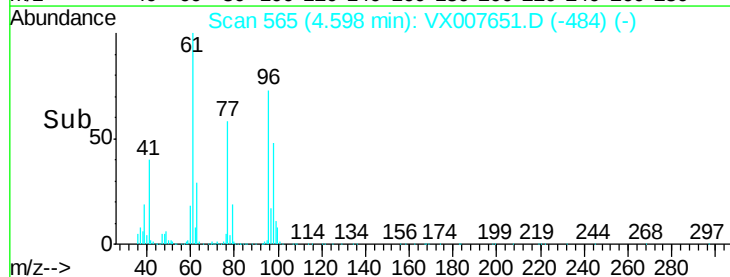
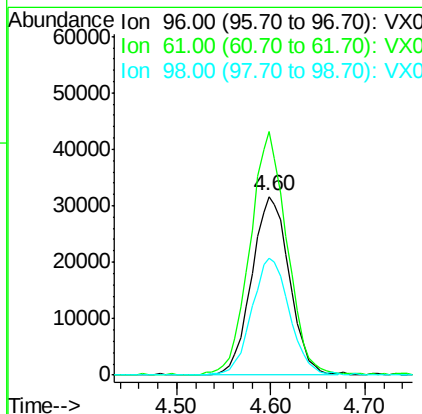
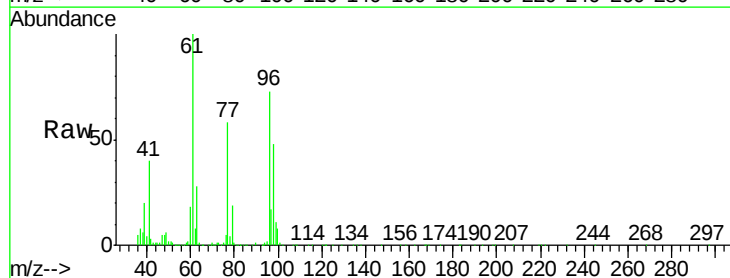
RT: 4.60 min Scan# 565

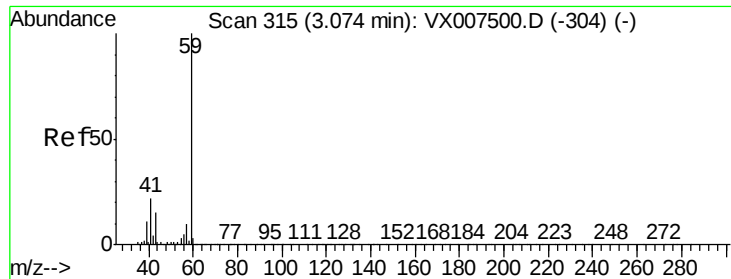
Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	96	Resp:	88959
Ion Ratio	Lower	Upper	
96	100		
61	133.6	103.5	155.3
98	64.8	52.1	78.1





#23

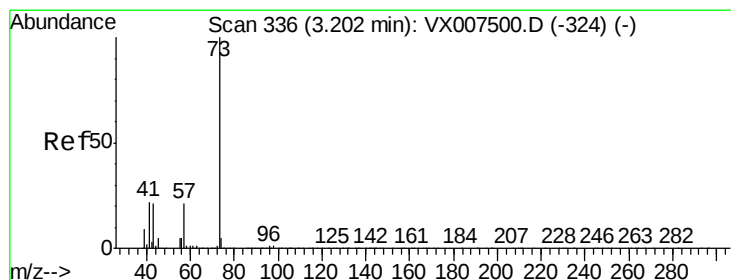
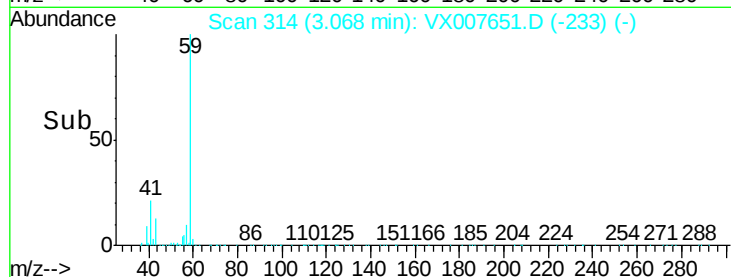
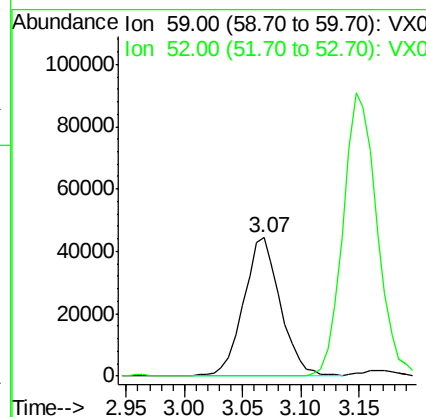
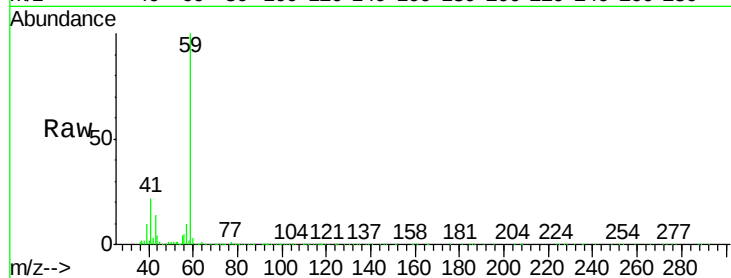
tert-Butyl Alcohol
 Concen: 95.418 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.9	0.2	0.2#

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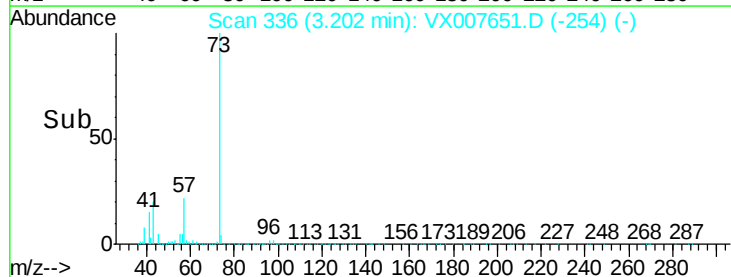
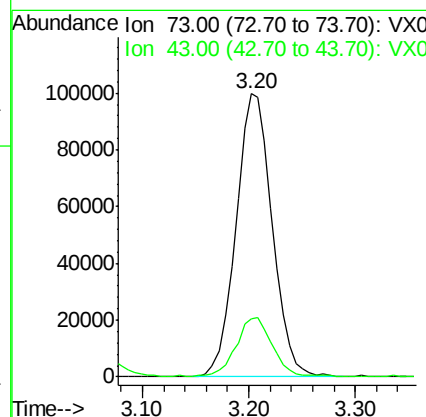
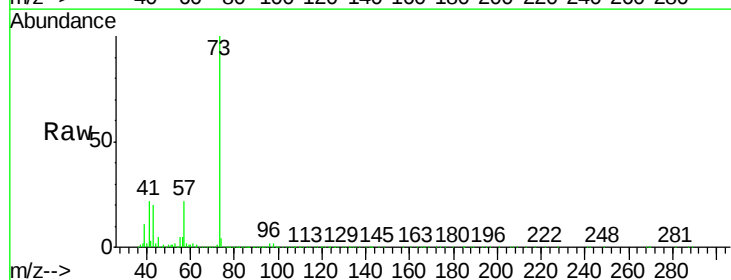
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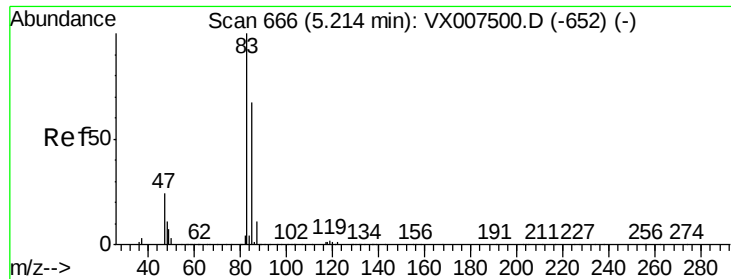


#24

Methyl tert-Butyl Ether
 Concen: 17.866 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.5	17.1	25.7





#25

Chloroform

Concen: 19.834 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 83 Resp: 145514

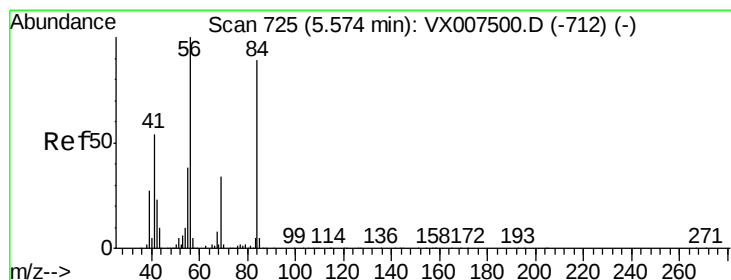
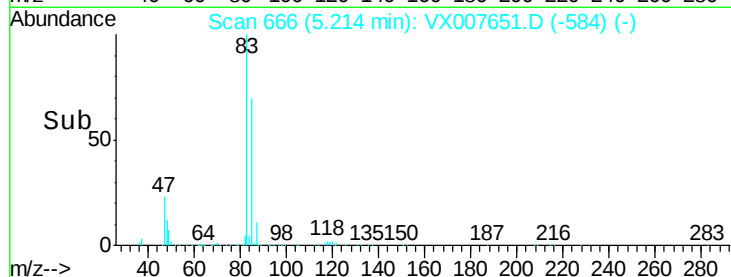
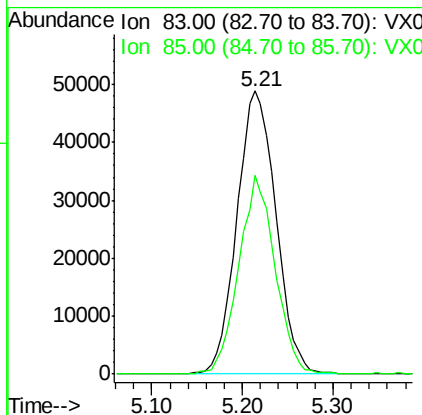
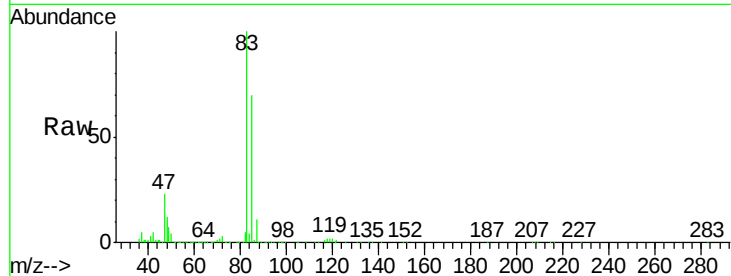
Ion Ratio Lower Upper

83 100

85 70.0 53.8 80.6

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#26

Cyclohexane

Concen: 19.816 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

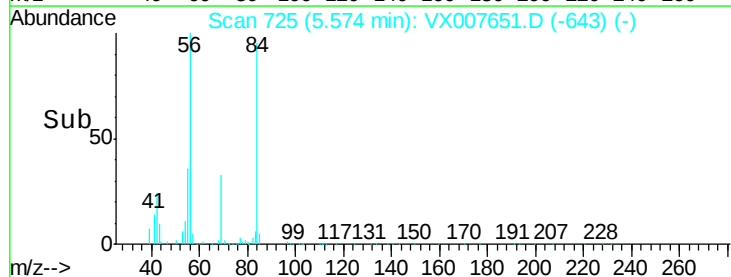
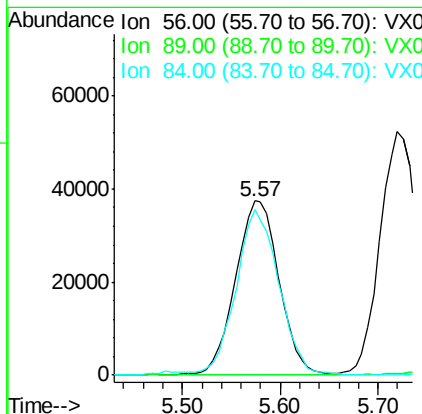
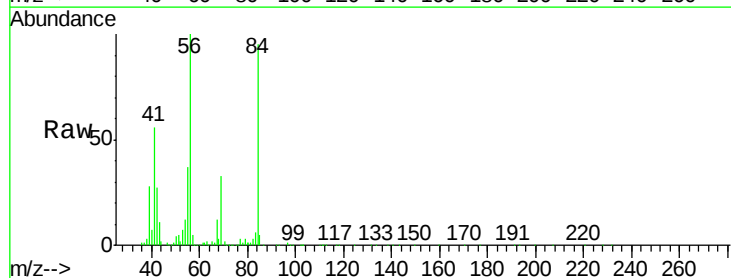
Tgt Ion: 56 Resp: 115427

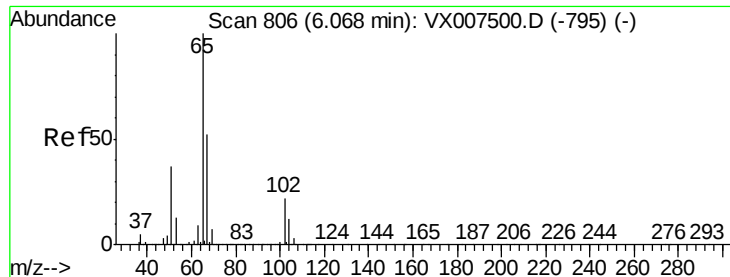
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 92.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.401 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 65 Resp: 136982

Ion Ratio Lower Upper

65 100

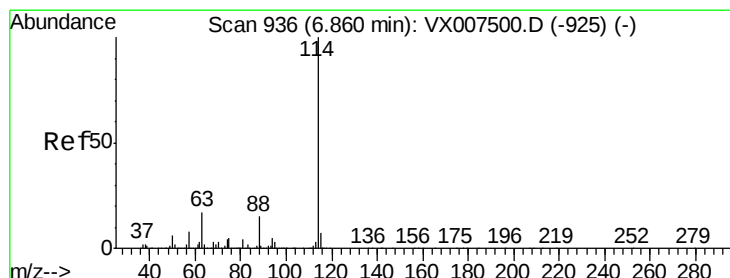
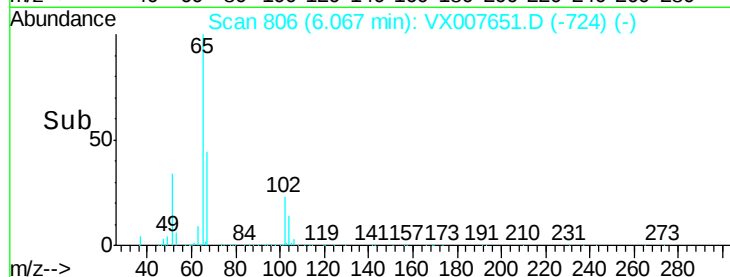
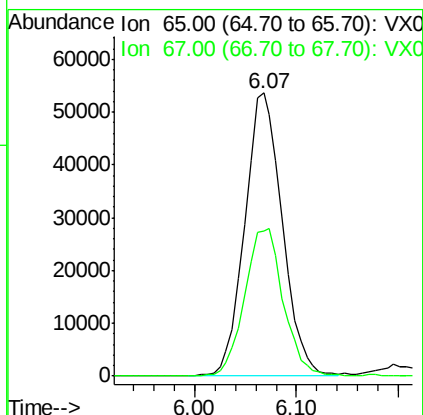
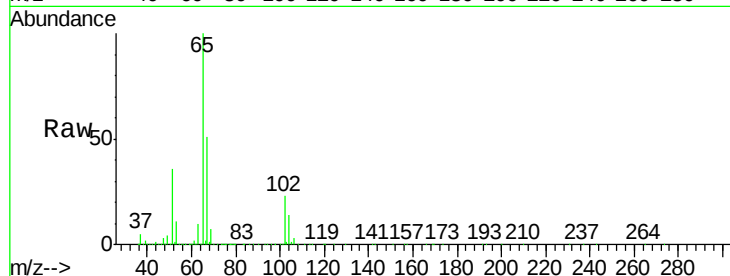
67 53.5 42.9 64.3

Manual Integrations

APPROVED

MMDadoda

2/25/2019 9:47:22 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

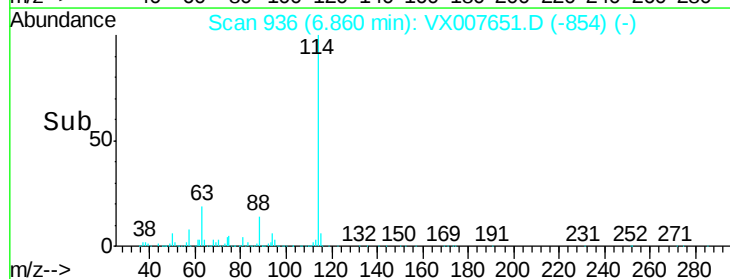
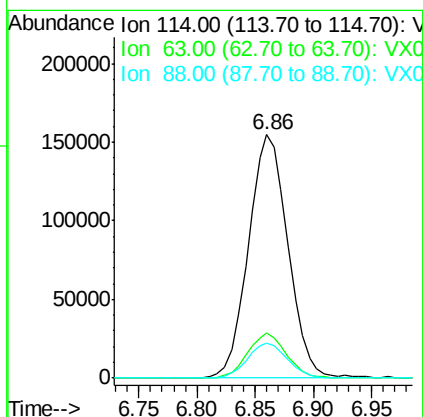
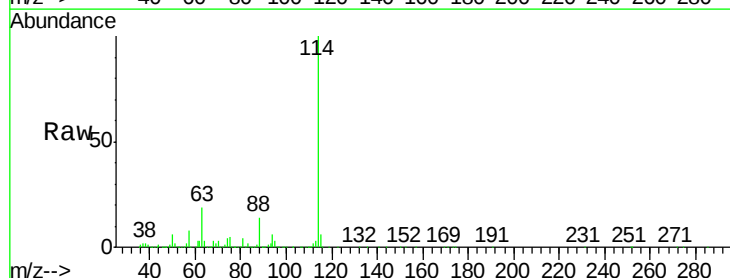
Tgt Ion: 114 Resp: 363039

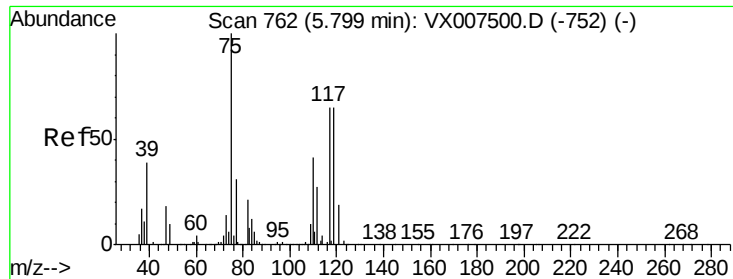
Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

88 14.7 11.9 17.9





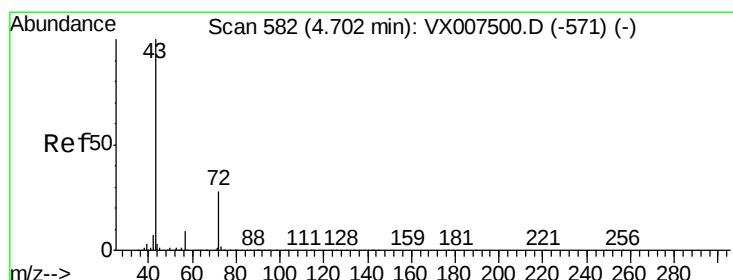
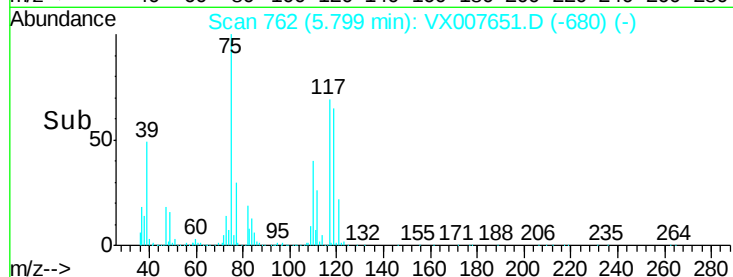
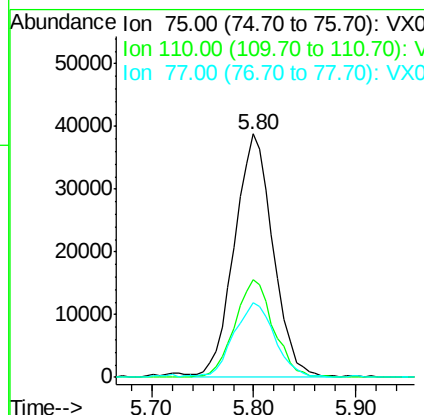
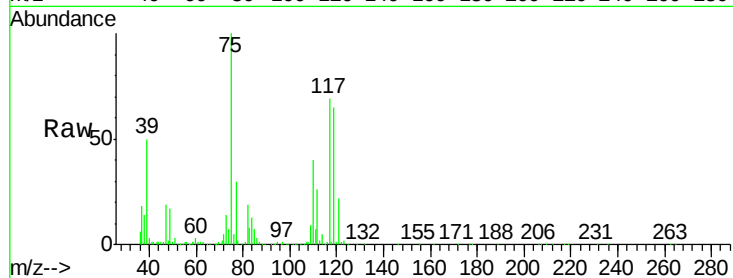
#29
 1,1-Dichloropropene
 Concen: 20.074 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	40.6	0.0	80.8
77	32.6	0.0	62.4

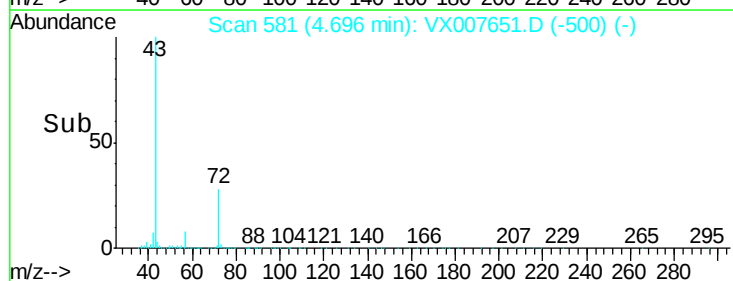
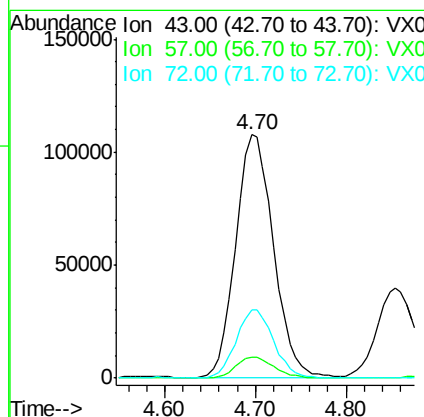
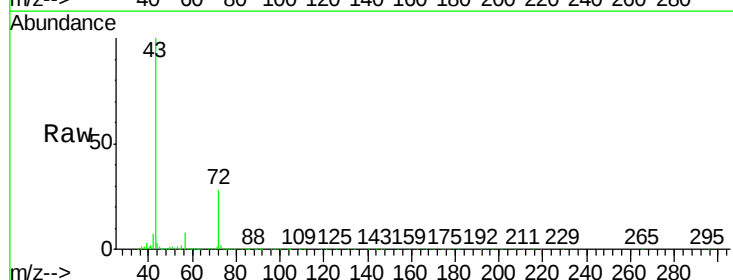
Manual Integrations
 APPROVED

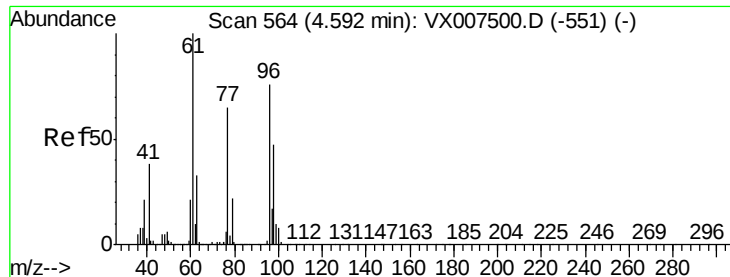
MMDadoda
 2/25/2019 9:47:22 AM



#30
 2-Butanone
 Concen: 103.347 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	7.0	10.6
72	27.8	21.5	32.3





#31

2,2-Dichloropropane

Concen: 23.394 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 77 Resp: 96251

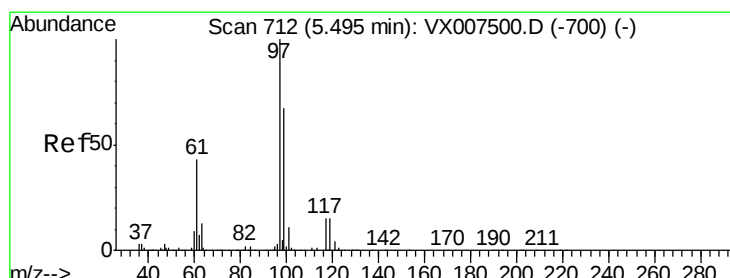
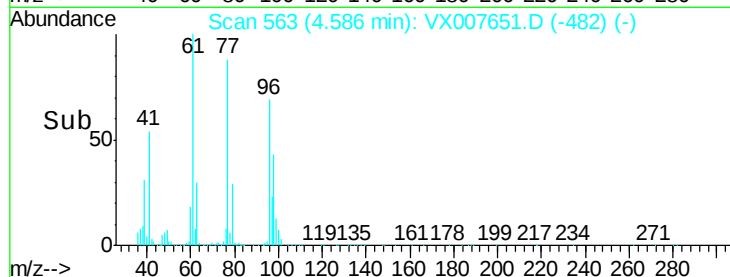
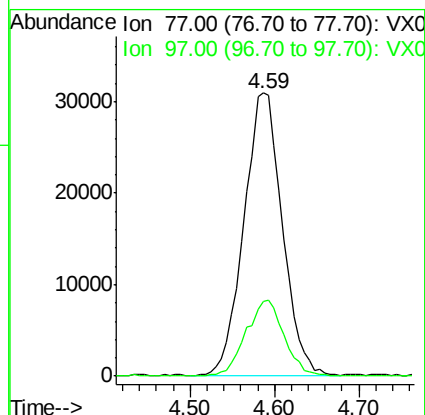
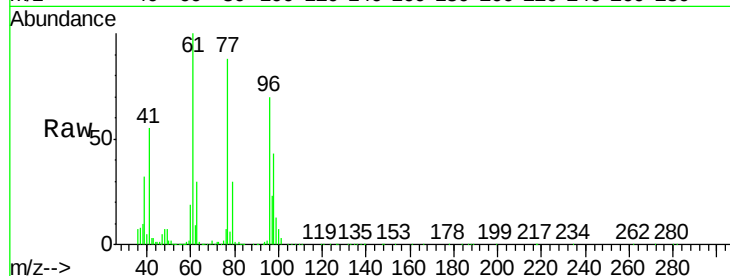
Ion Ratio Lower Upper

77 100

97 26.6 20.6 31.0

Manual Integrations
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2/25/2019 9:47:22 AM



#32

1,1,1-Trichloroethane

Concen: 20.425 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

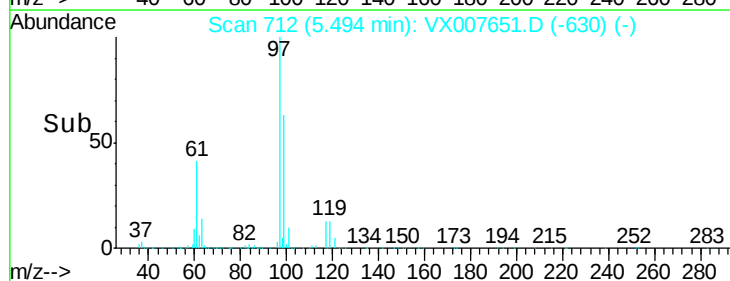
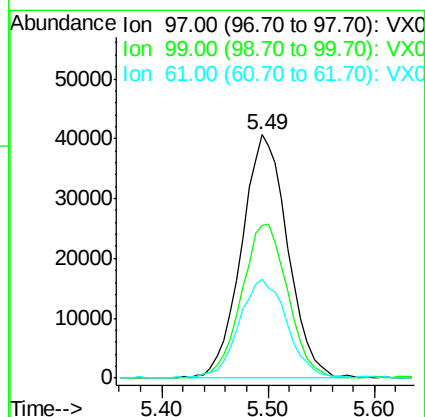
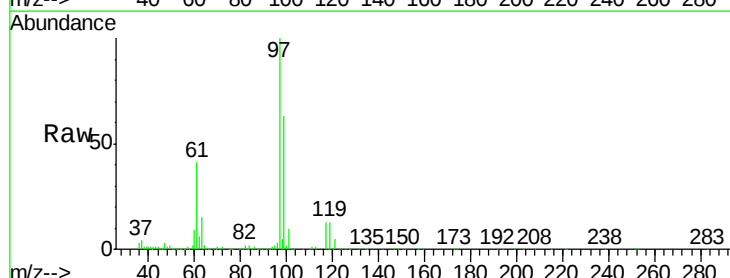
Tgt Ion: 97 Resp: 123630

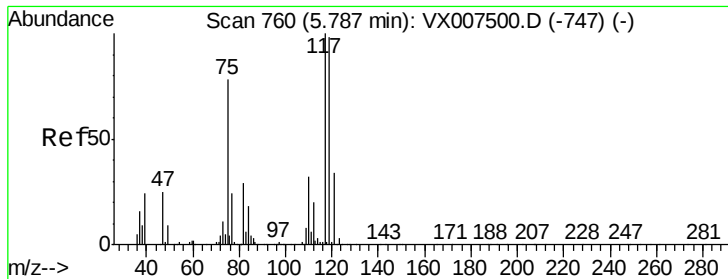
Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

61 41.2 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.180 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

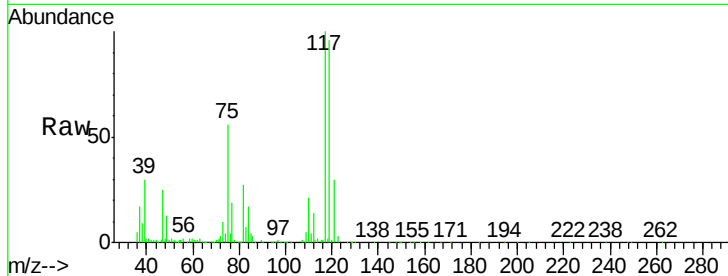
ClientSampleId :

VX0222WBS01

Tot Ion:	117	Resp:	107975
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.1	117.1
121	30.1	27.0	40.6

Manual Integrations
APPROVED

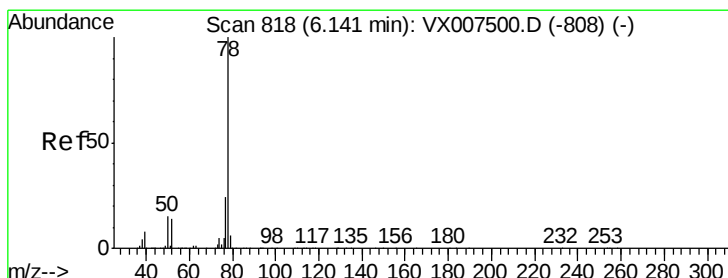
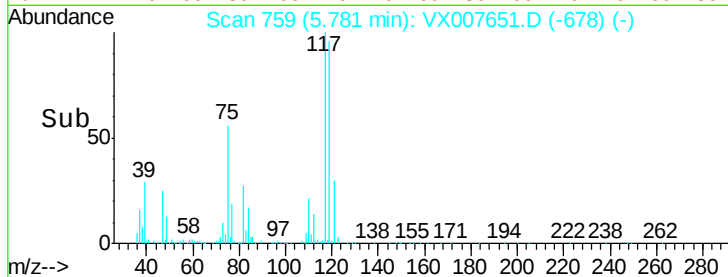
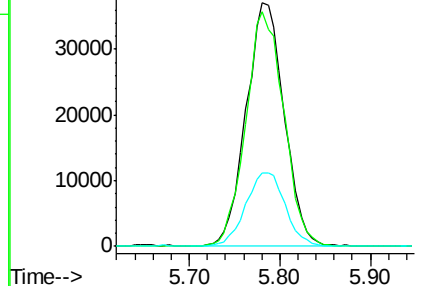
MMDadoda
2/25/2019 9:47:22 AM



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.023 ug/l

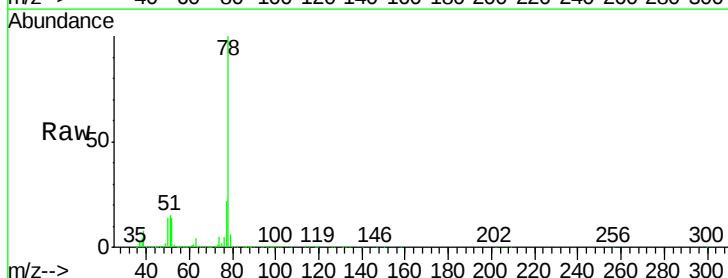
RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

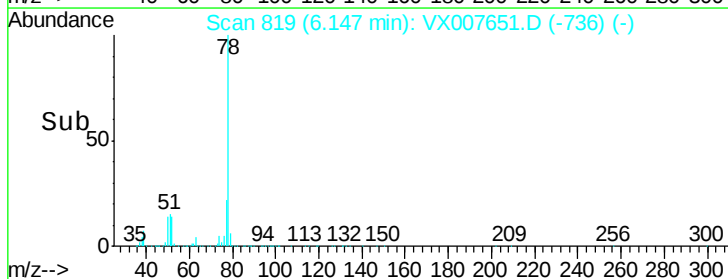
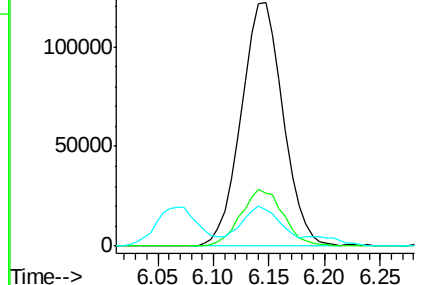
Tgt Ion:	78	Resp:	319658
Ion Ratio	Lower	Upper	
78	100		
77	21.8	19.1	28.7
51	12.6	10.8	16.2

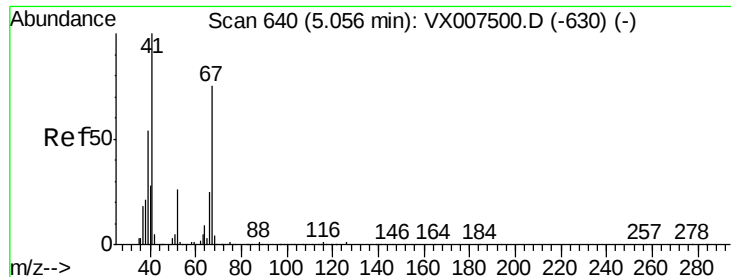


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





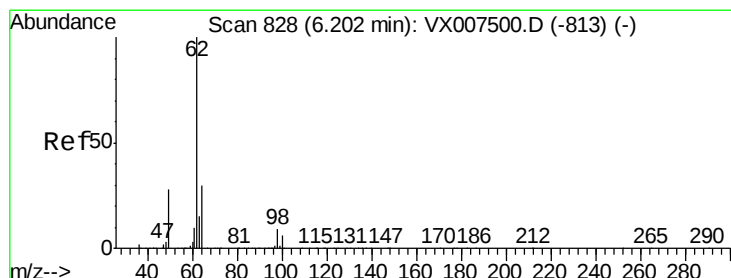
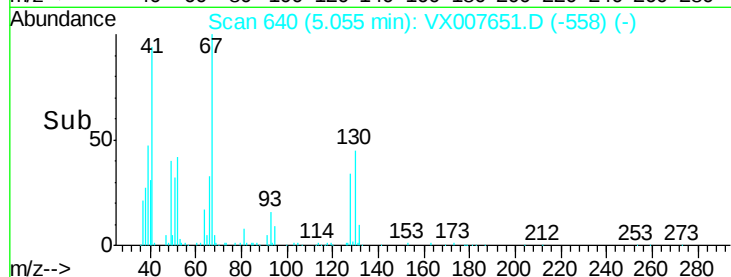
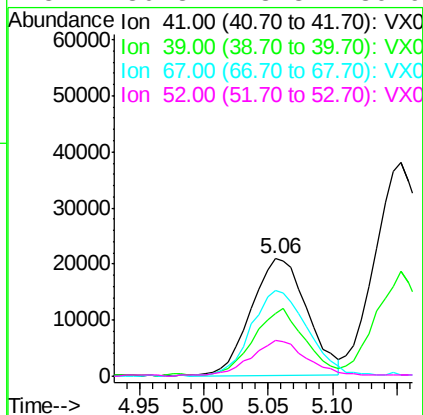
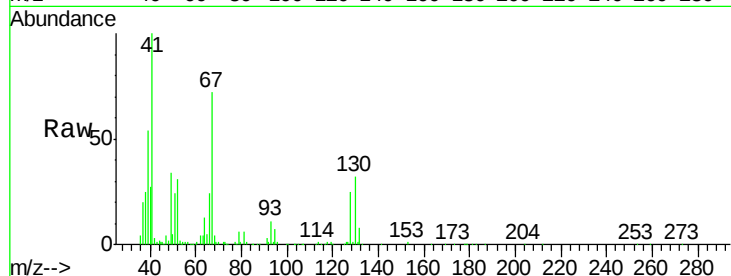
#35
Methacrylonitrile
Concen: 20.120 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	27.4	82.0	
67	72.8	37.9	113.6	
52	30.3	13.3	39.9	

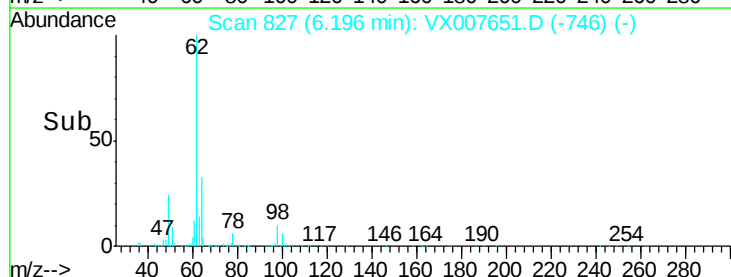
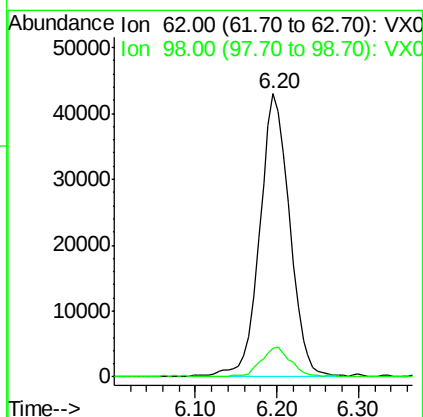
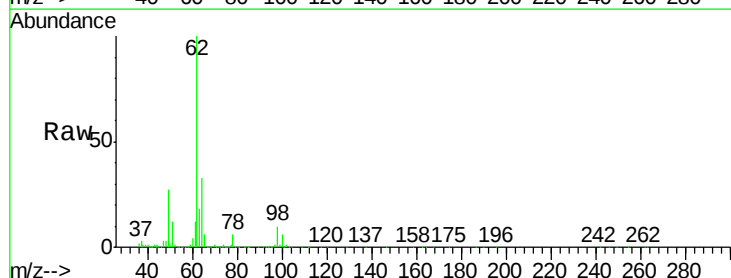
Manual Integrations
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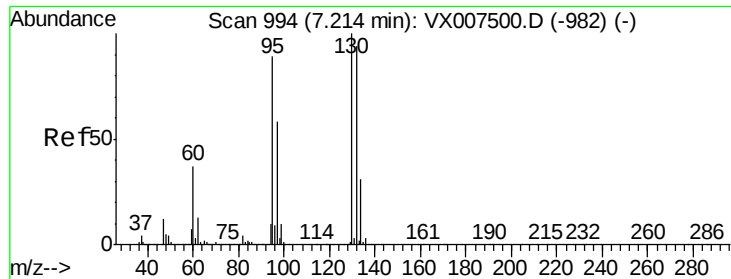
MMDadoda
2/25/2019 9:47:22 AM



#36
1,2-Dichloroethane
Concen: 20.327 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	7.8	11.8	





#37

Trichloroethene

Concen: 20.294 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion:130 Resp: 93147

Ion Ratio Lower Upper

130 100

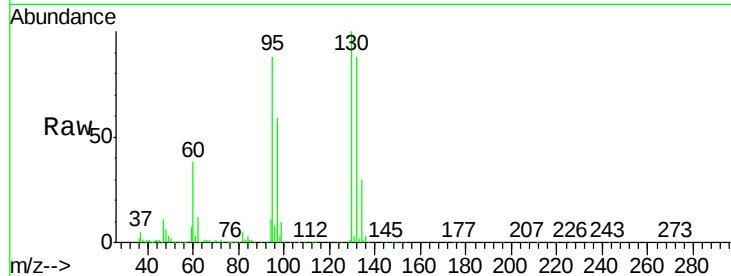
95 87.6 71.3 106.9

Manual Integrations

APPROVED

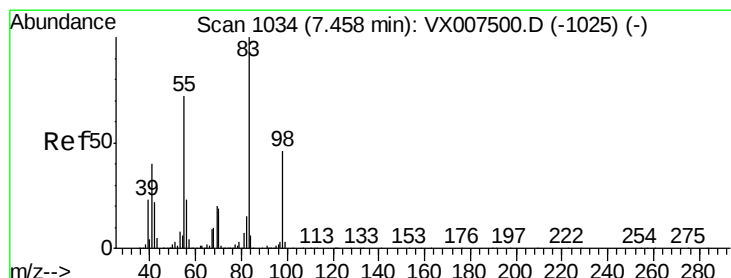
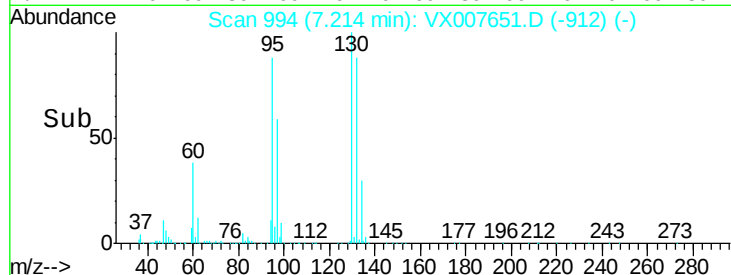
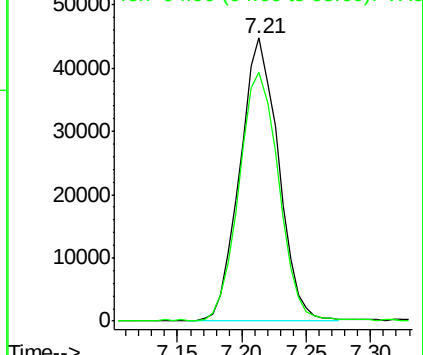
MMDadoda

2/25/2019 9:47:22 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.122 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

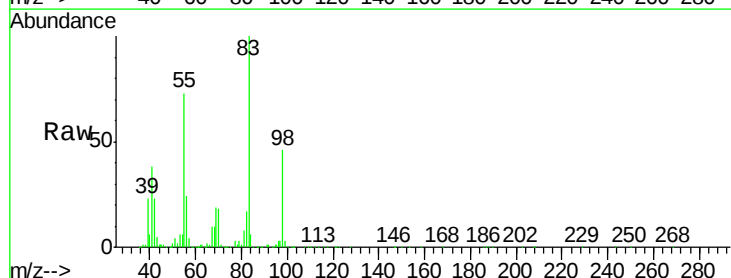
Tgt Ion: 83 Resp: 123819

Ion Ratio Lower Upper

83 100

55 71.8 36.0 108.0

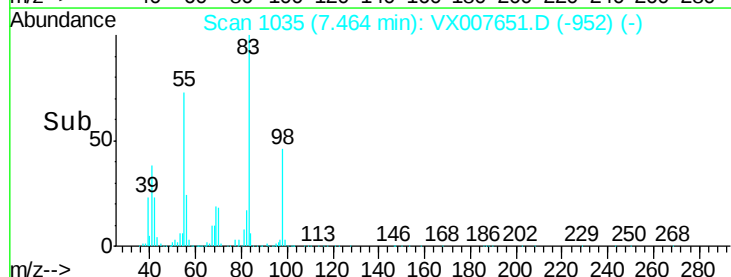
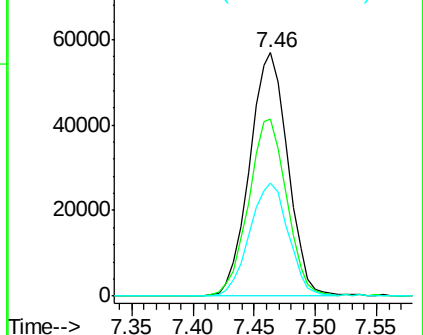
98 47.1 23.8 71.4

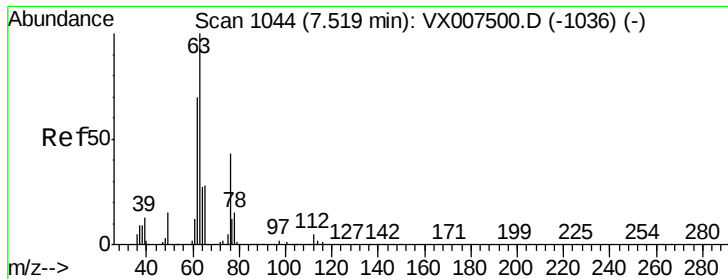


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





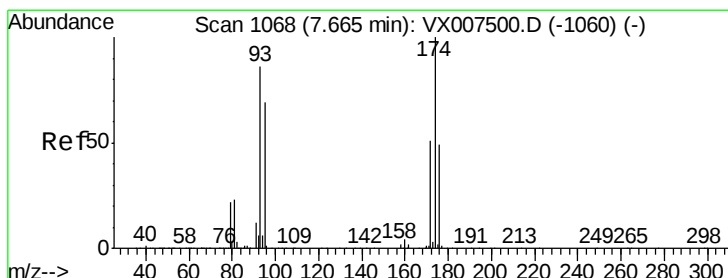
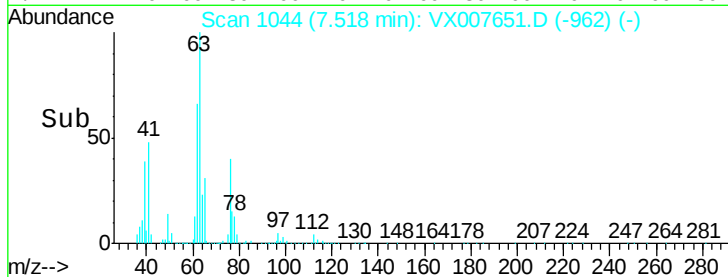
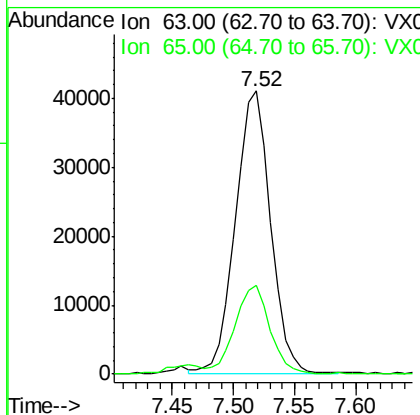
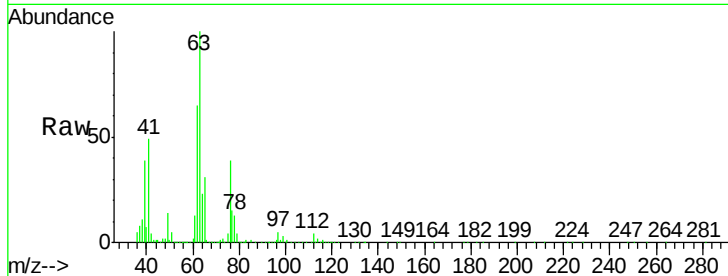
#39
 1,2-Dichloropropane
 Concen: 20.542 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	37.0

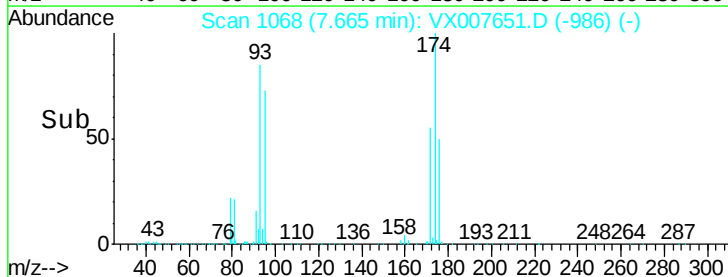
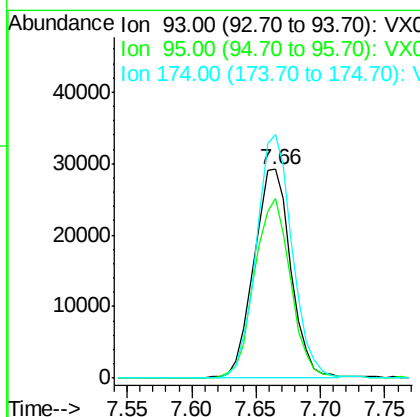
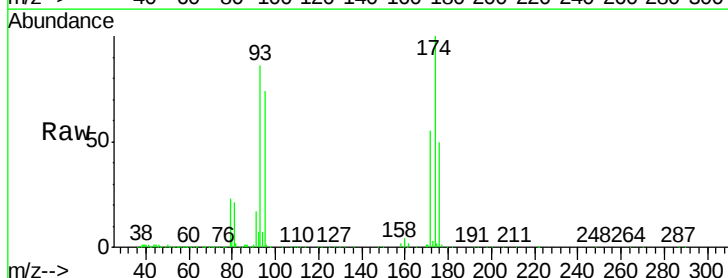
Manual Integrations
 APPROVED

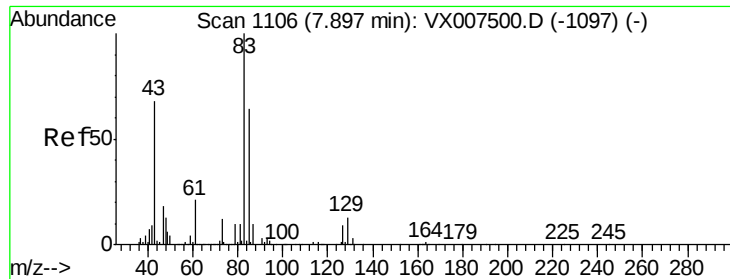
MMDadoda
 2/25/2019 9:47:22 AM



#40
 Dibromomethane
 Concen: 20.183 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	0.0	158.8
174	113.1	0.0	224.2





#41

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

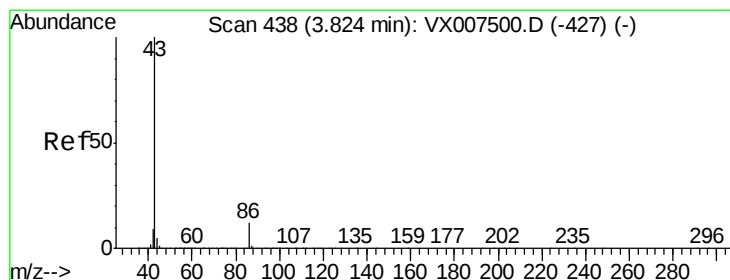
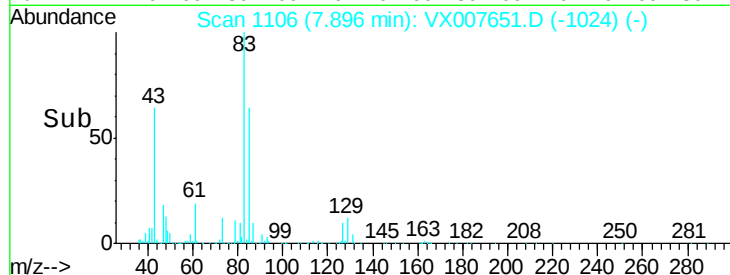
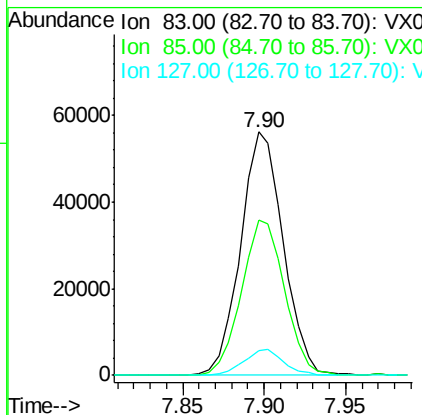
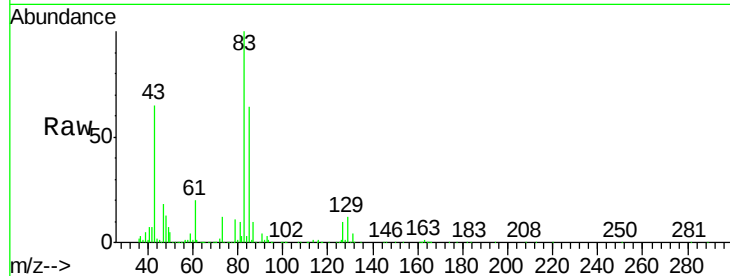
ClientSampleId :

VX0222WBS01

Tot Ion:	83	Resp:	101383
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.1	76.7
127	10.1	7.2	10.8

Manual Integrations
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MMDadoda
2/25/2019 9:47:22 AM



#42

Vinyl Acetate

Concen: 100.793 ug/l

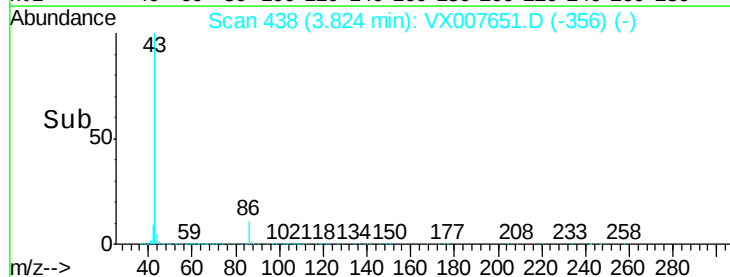
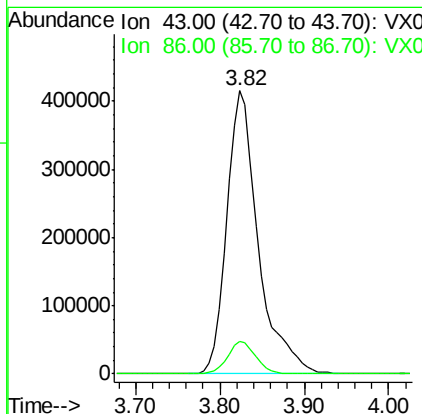
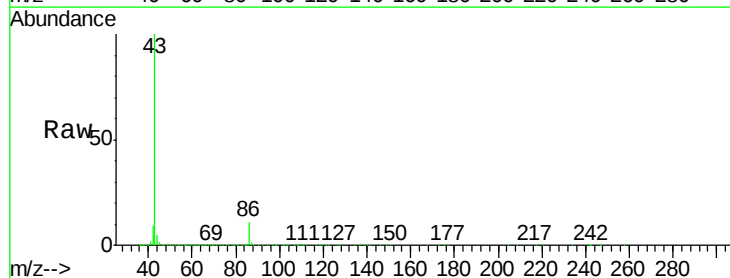
RT: 3.82 min Scan# 438

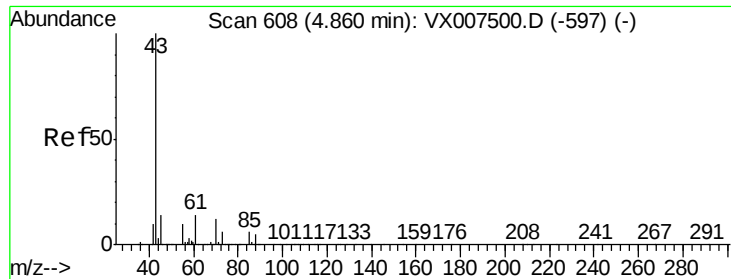
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	43	Resp:	1057291
Ion Ratio	Lower	Upper	
43	100		
86	10.2	8.2	12.2





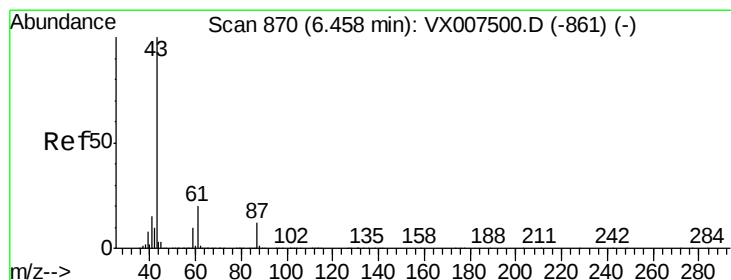
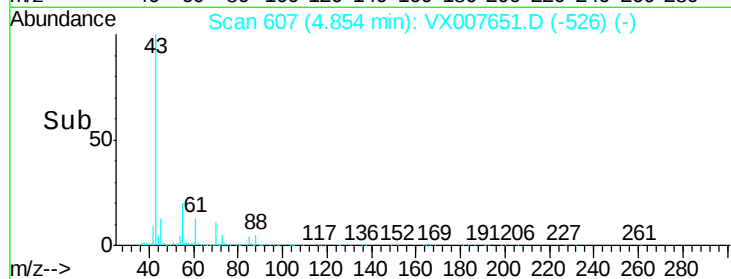
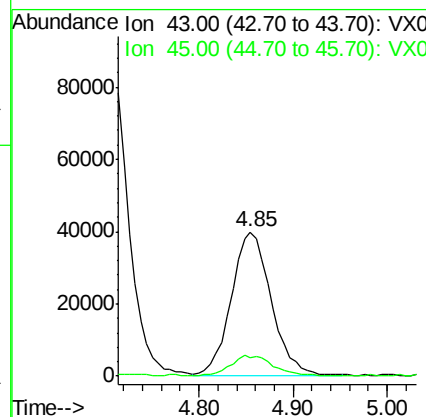
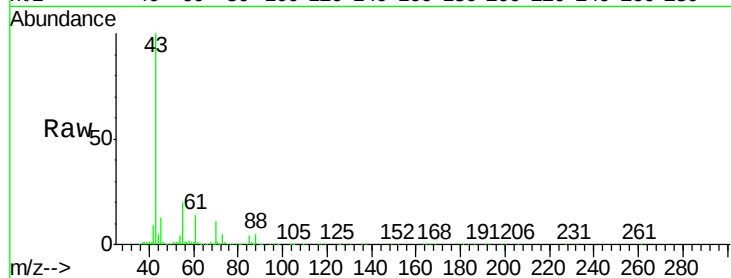
#43
Ethyl Acetate
Concen: 20.352 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	7.2	6.9	10.3

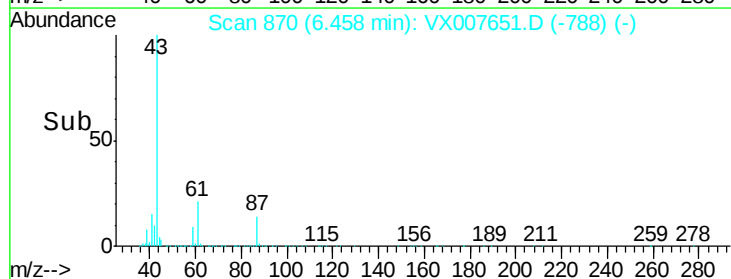
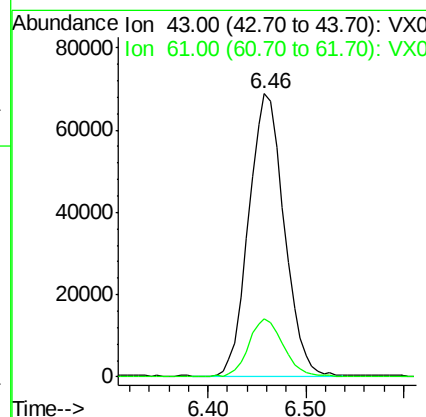
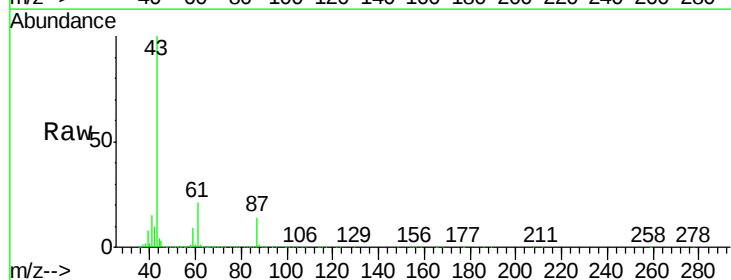
Manual Integrations
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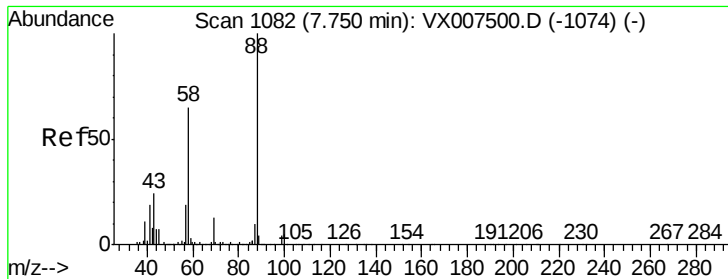
MMDadoda
2/25/2019 9:47:22 AM



#44
Isopropyl Acetate
Concen: 19.559 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1





#45

1,4-Dioxane

Concen: 407.516 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

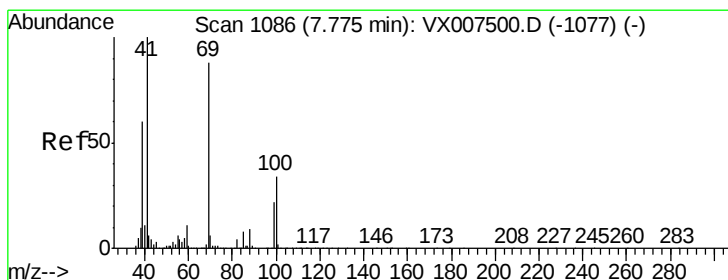
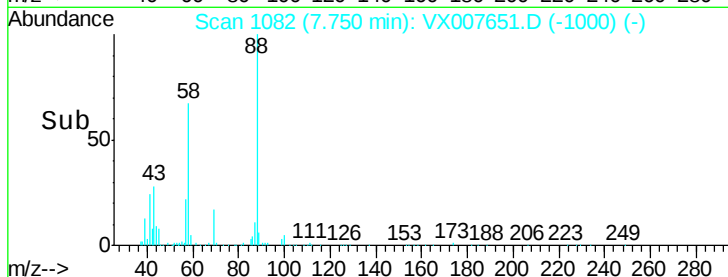
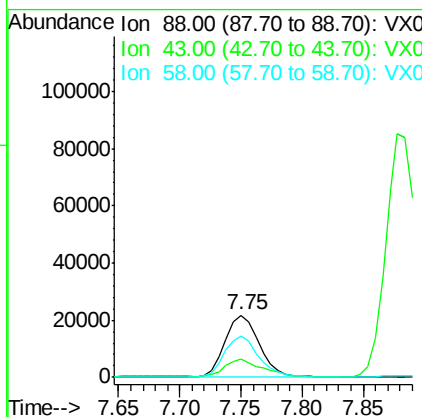
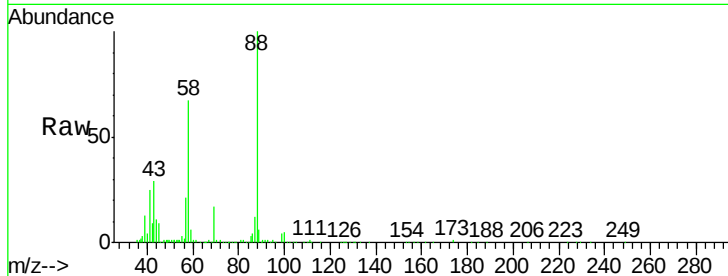
ClientSampleId :

VX0222WBS01

Tot Ion:	88	Resp:	42616
Ion	Ratio	Lower	Upper
88	100		
43	30.9	23.6	35.4
58	65.0	51.6	77.4

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#46

Methyl methacrylate

Concen: 19.911 ug/l

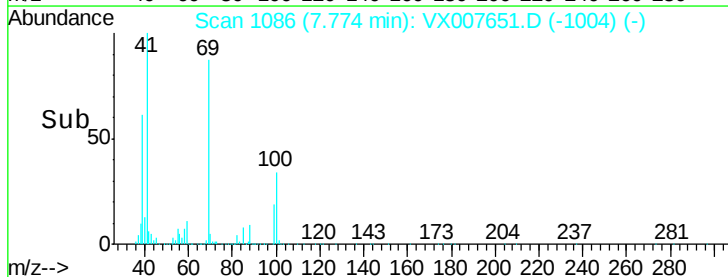
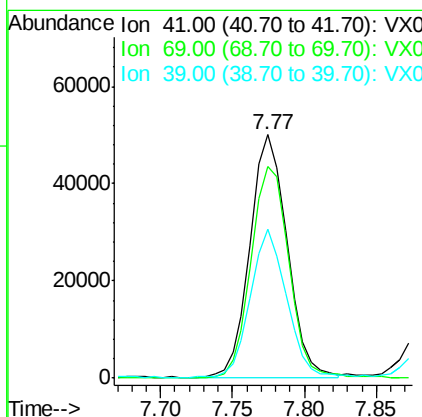
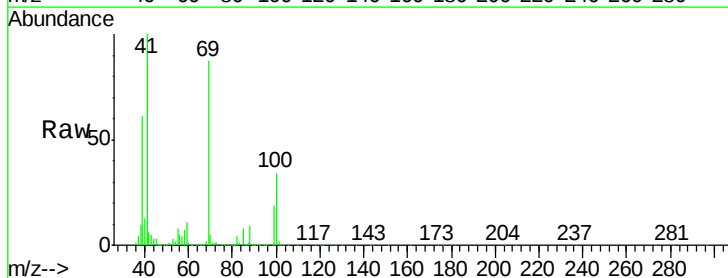
RT: 7.77 min Scan# 1086

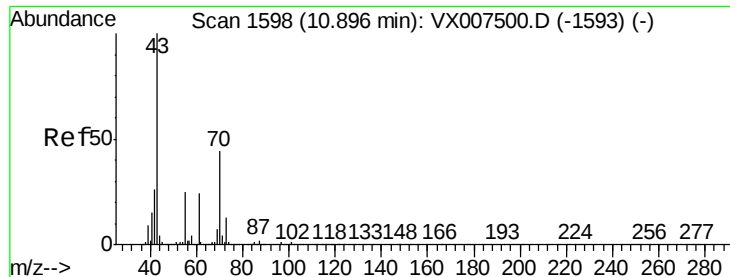
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	41	Resp:	89339
Ion	Ratio	Lower	Upper
41	100		
69	87.2	44.2	132.6
39	60.8	29.9	89.8





#47

n-amvl Acetate

Concen: 19.896 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 43 Resp: 155387

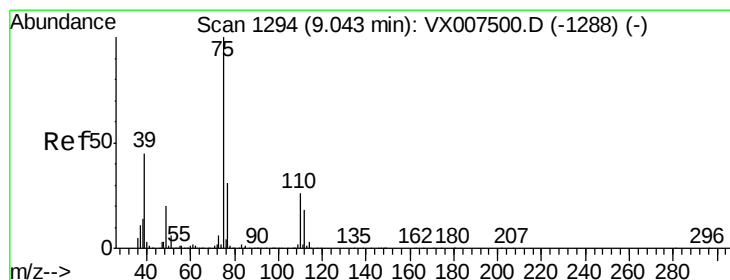
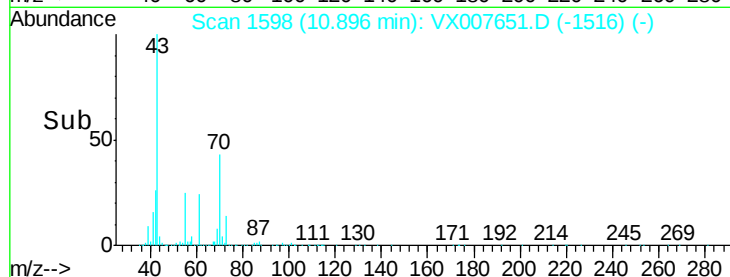
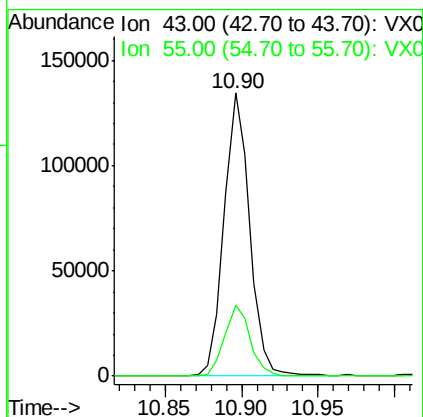
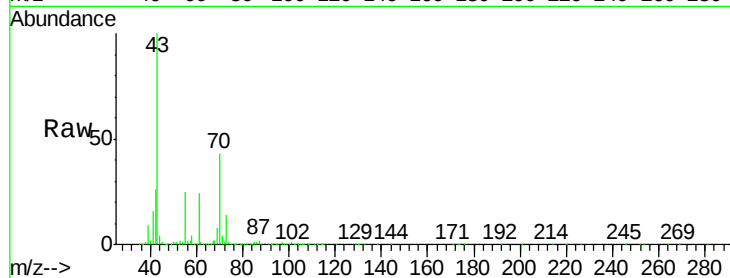
Ion Ratio Lower Upper

43 100

55 24.9 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 20.118 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007651.D

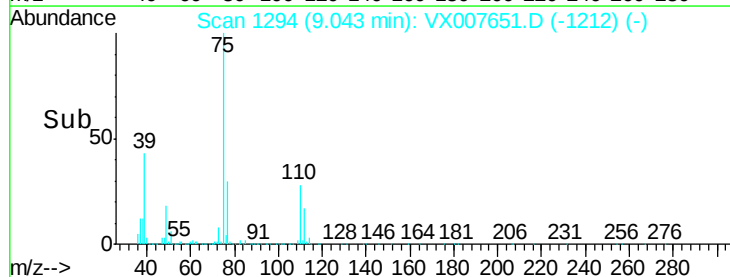
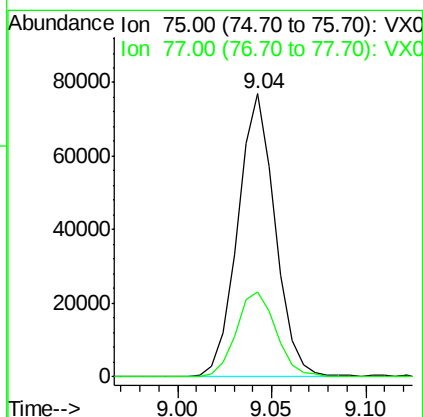
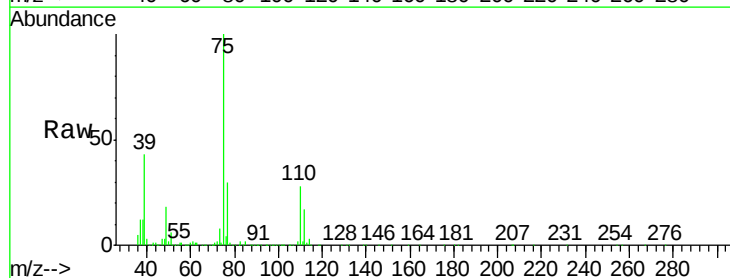
Acq: 22 Feb 2019 11:23

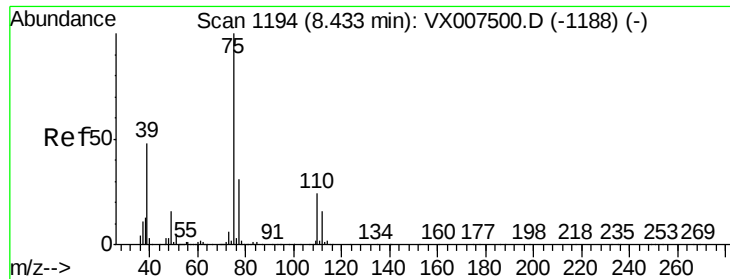
Tgt Ion: 75 Resp: 105697

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 20.133 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

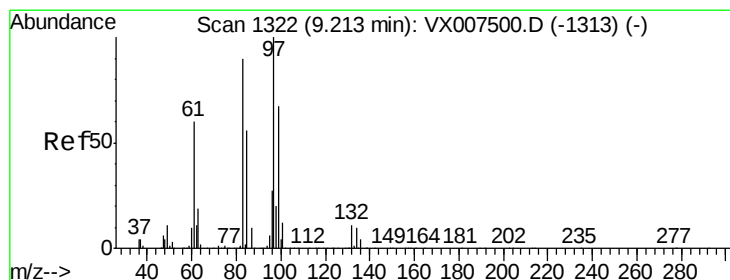
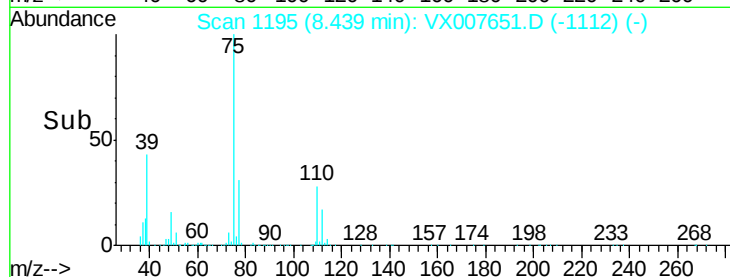
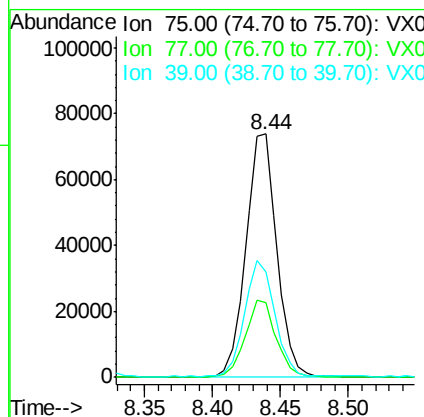
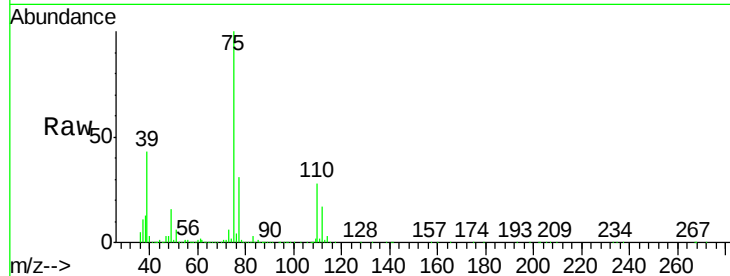
ClientSampleId :

VX0222WBS01

Tot Ion:	75	Resp:	117790
Ion Ratio		Lower	Upper
75	100		
77	30.7	25.0	37.4
39	42.8	38.5	57.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.849 ug/l

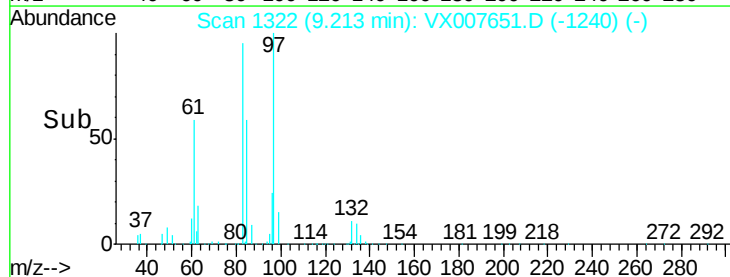
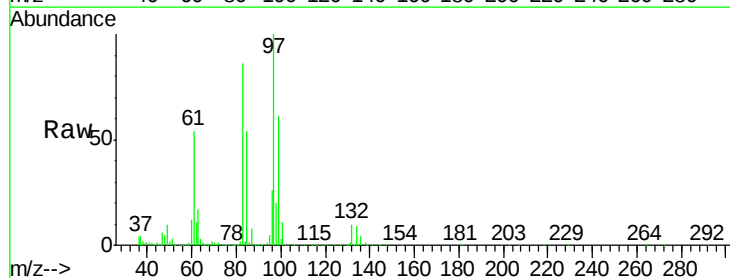
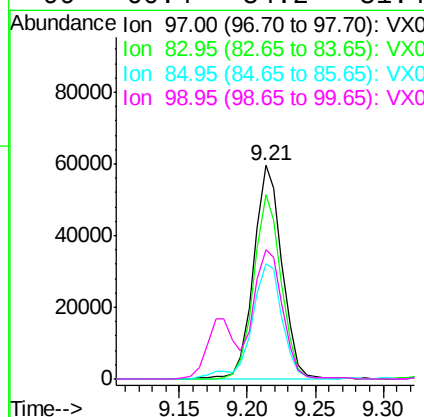
RT: 9.21 min Scan# 1322

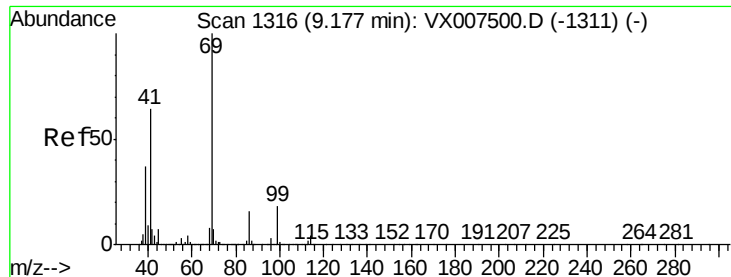
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	97	Resp:	87178
Ion Ratio		Lower	Upper
97	100		
83	86.1	72.0	108.0
85	53.9	45.0	67.6
99	60.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.749 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

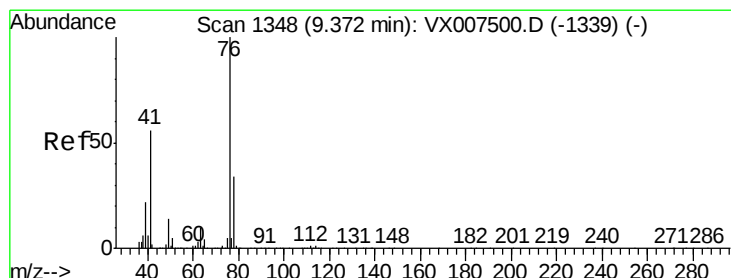
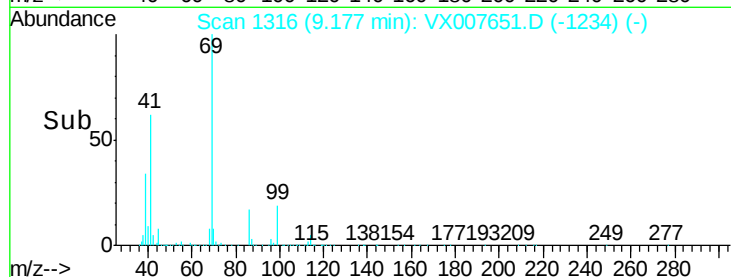
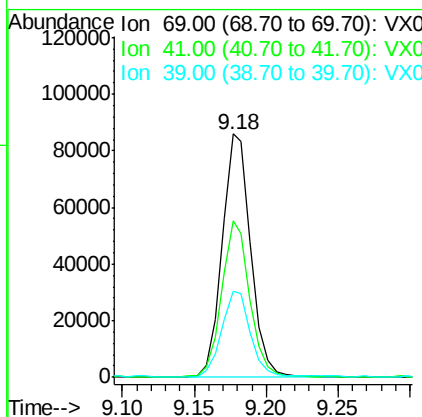
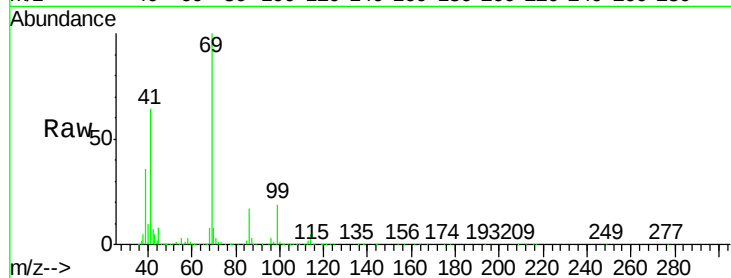
ClientSampleId :

VX0222WBS01

Tot Ion:	69	Resp:	119724
Ion	Ratio	Lower	Upper
69	100		
41	63.8	32.1	96.5
39	35.3	18.8	56.3

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#52

1,3-Dichloropropane

Concen: 20.476 ug/l

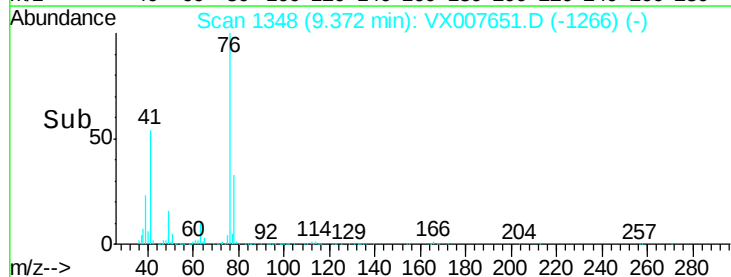
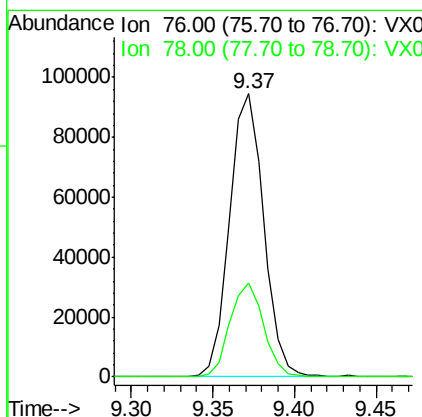
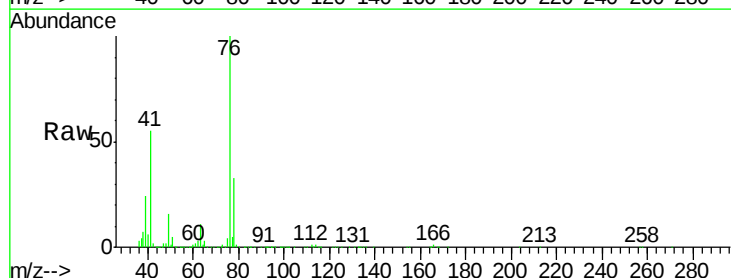
RT: 9.37 min Scan# 1348

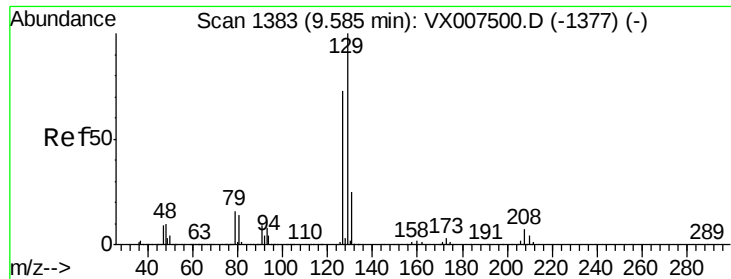
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	76	Resp:	138106
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.2





#53

Dibromochloromethane

Concen: 20.261 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion:129 Resp: 88118

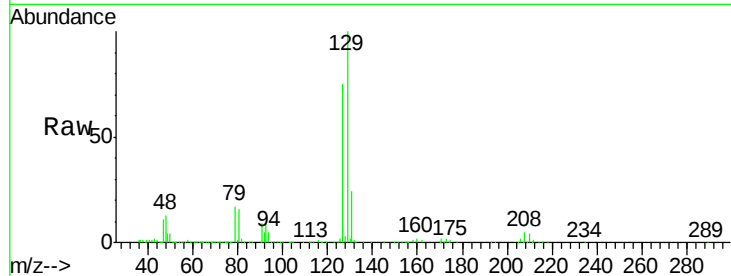
Ion Ratio Lower Upper

129 100

127 76.8 38.4 115.2

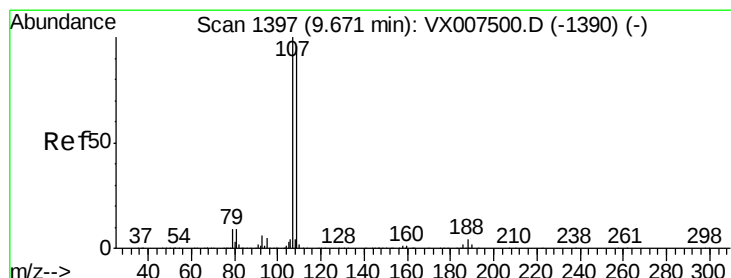
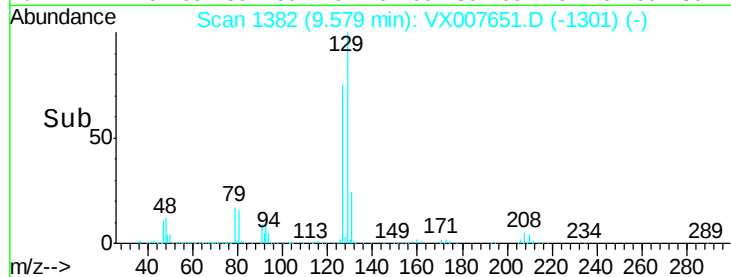
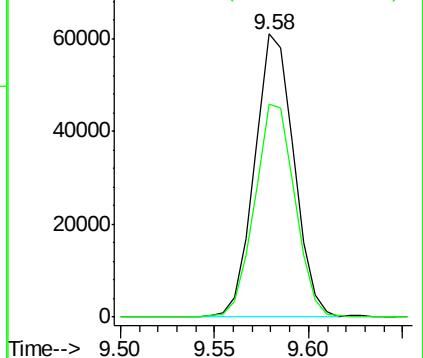
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.663 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007651.D

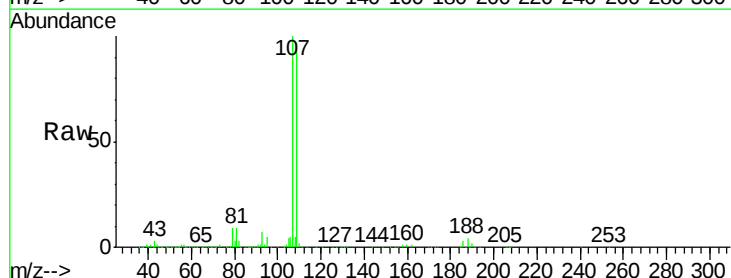
Acq: 22 Feb 2019 11:23

Tgt Ion:107 Resp: 94612

Ion Ratio Lower Upper

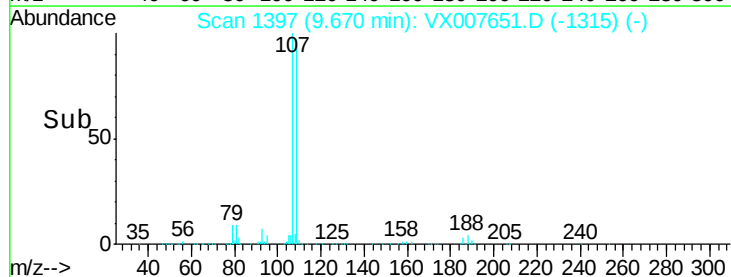
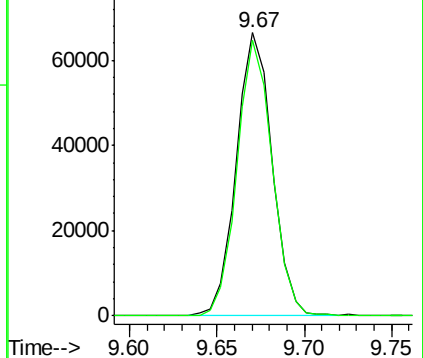
107 100

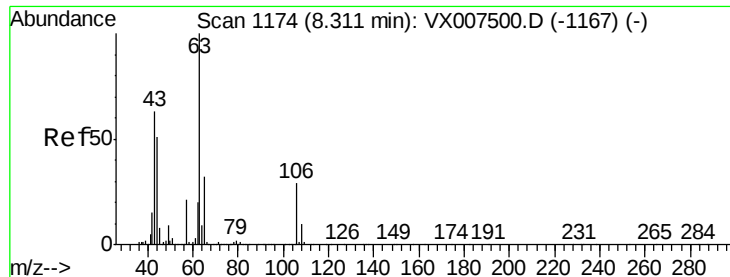
109 95.6 76.6 115.0



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: 103.847 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

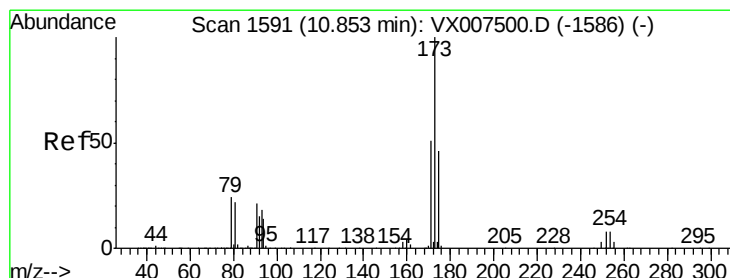
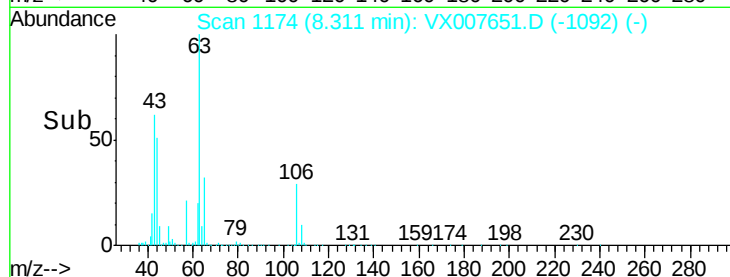
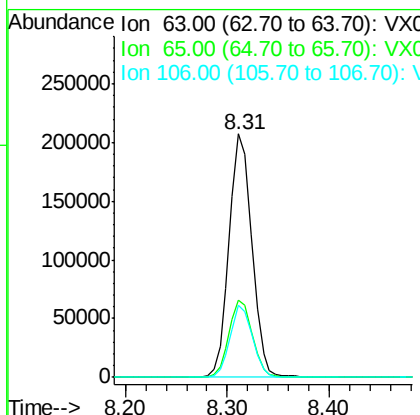
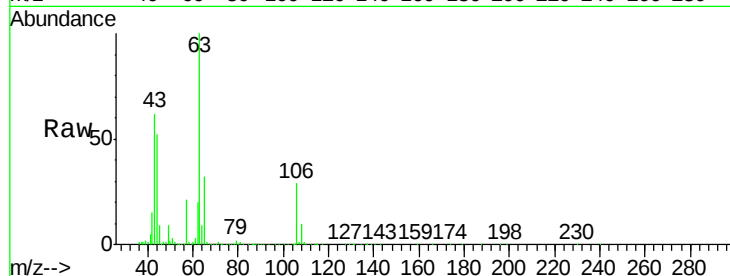
ClientSampleId :

VX0222WBS01

Tot Ion:	63	Resp:	320063
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5
106	29.3	23.7	35.5

Manual Integrations
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#56

Bromoform

Concen: 19.330 ug/l

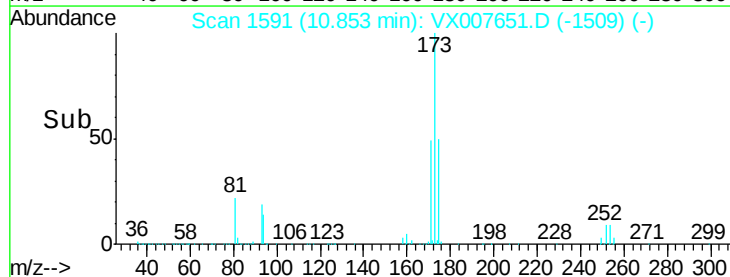
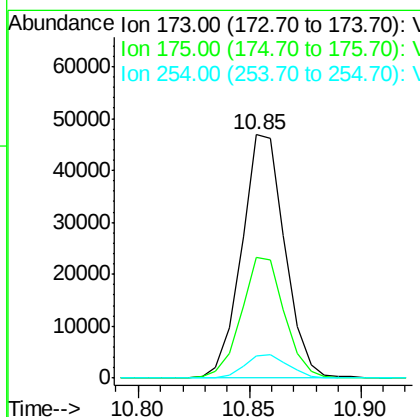
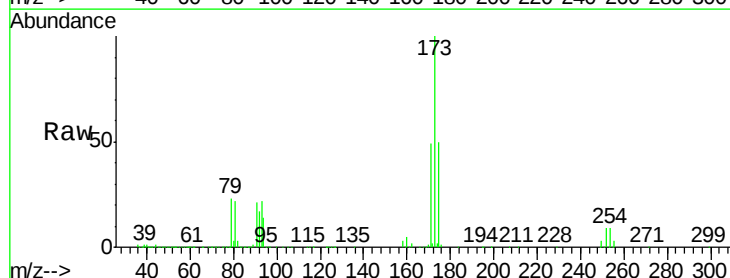
RT: 10.85 min Scan# 1591

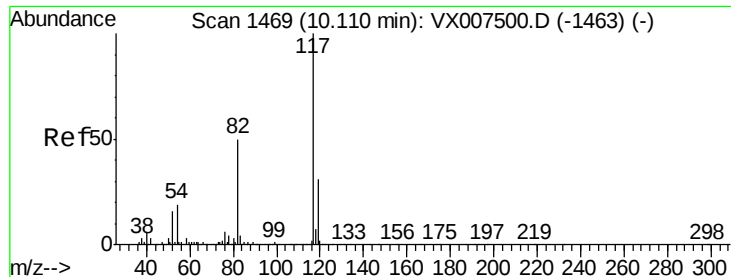
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	173	Resp:	63413
Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.5	57.7
254	9.8	7.4	11.2





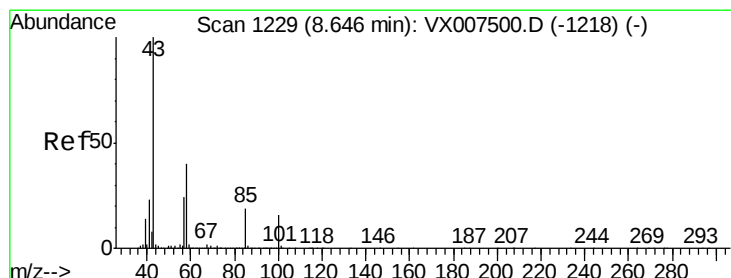
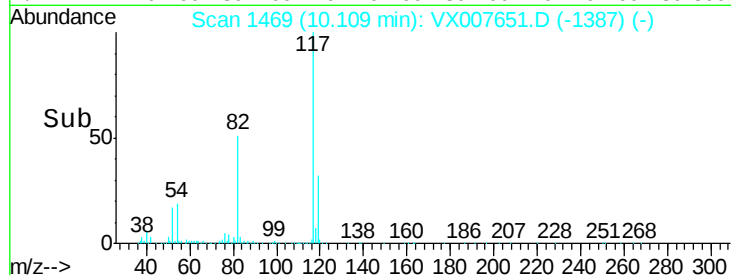
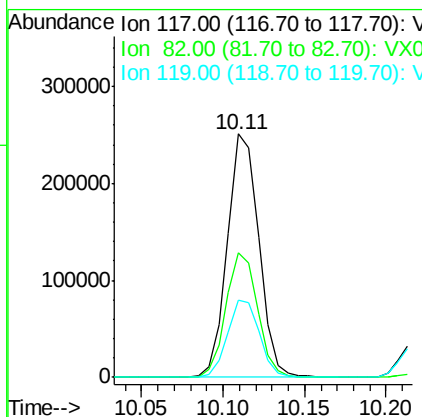
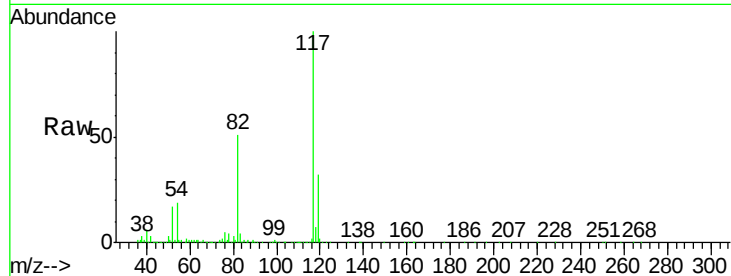
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	51.3	40.4	60.6
119	32.1	25.8	38.6

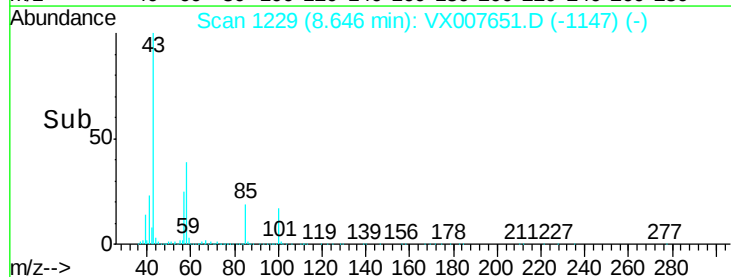
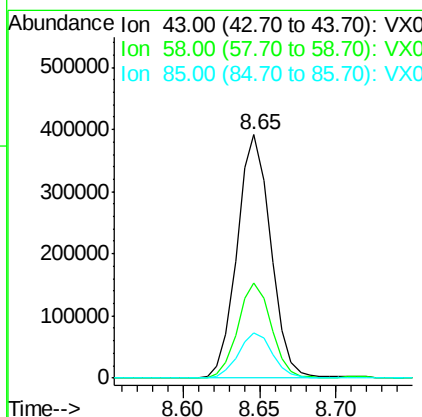
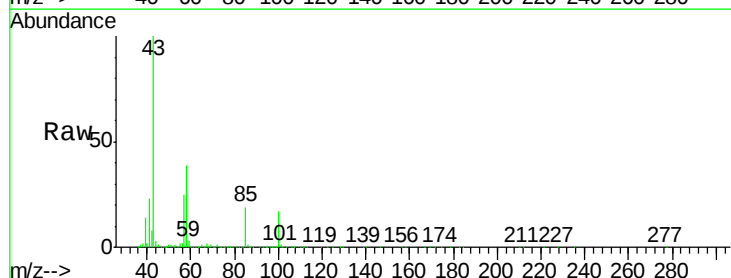
Manual Integrations
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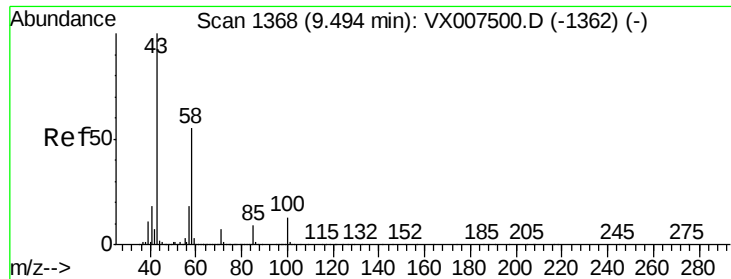
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#58
4-Methyl-2-Pentanone
Concen: 98.421 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.0	31.4	47.0
85	18.8	15.0	22.6





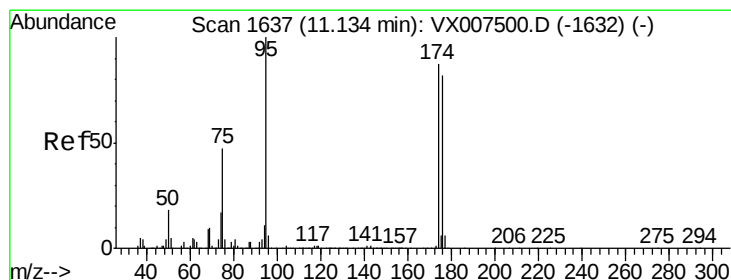
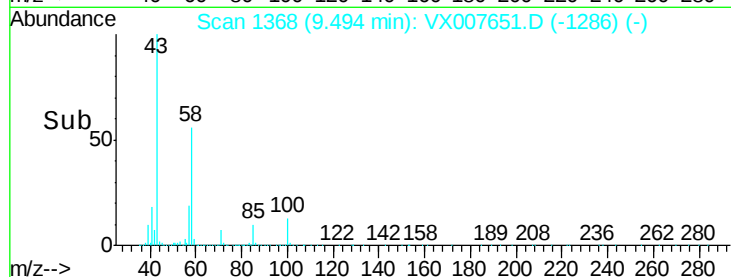
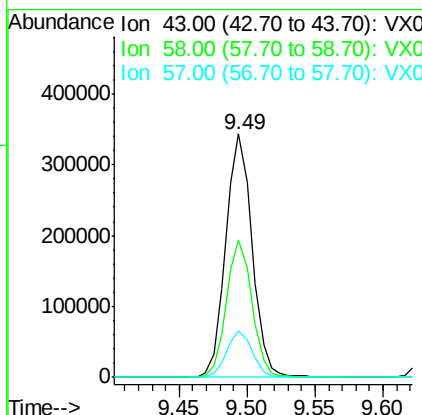
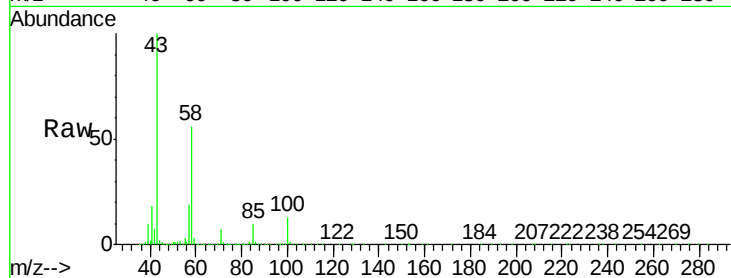
#59
2-Hexanone
Concen: 99.994 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.9	65.9
57	18.8	14.9	22.3

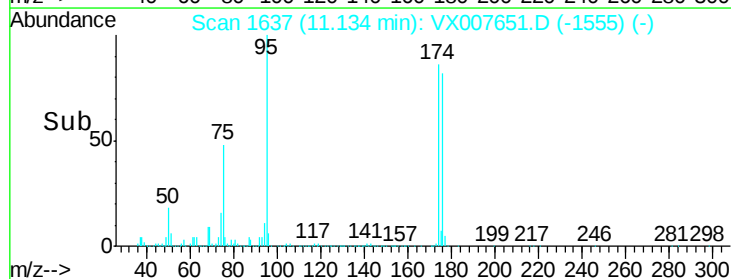
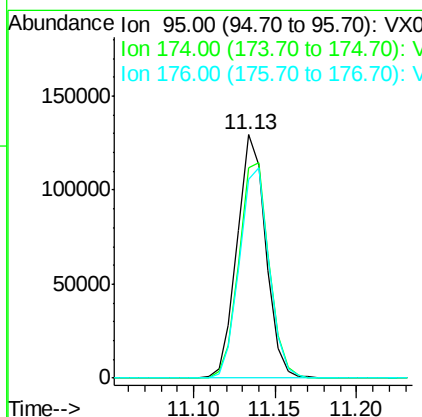
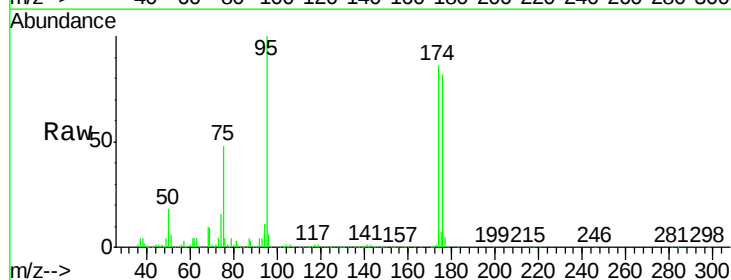
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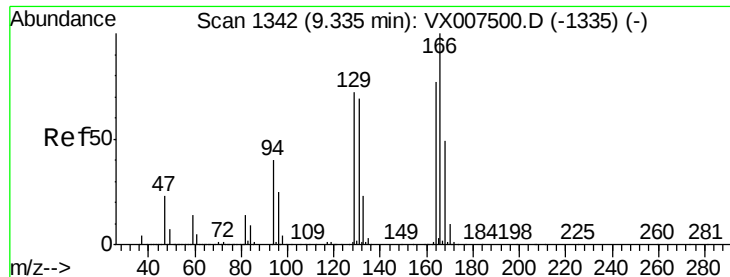
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	74.9	112.3
176	89.5	70.7	106.1





#61

Tetrachloroethene

Concen: 19.985 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion:164 Resp: 95873

Ion Ratio Lower Upper

164 100

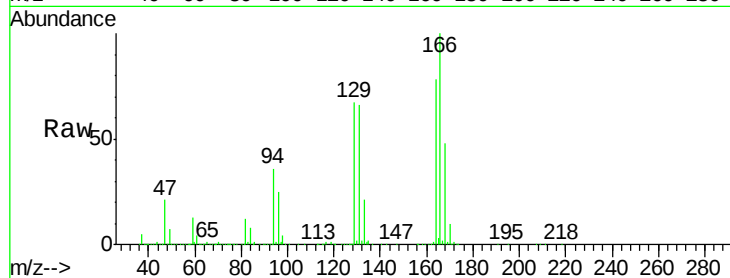
166 128.1 103.9 155.9

129 85.7 74.7 112.1

131 85.0 71.7 107.5

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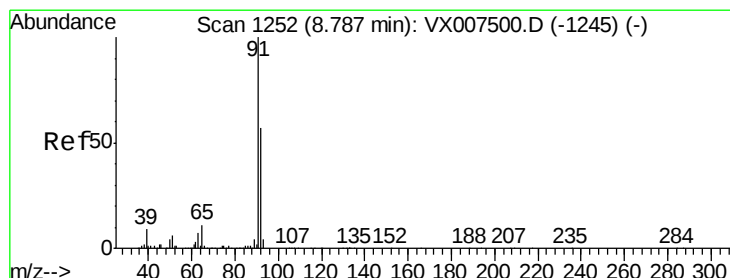
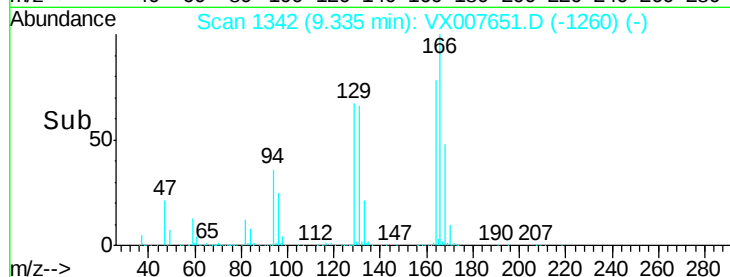
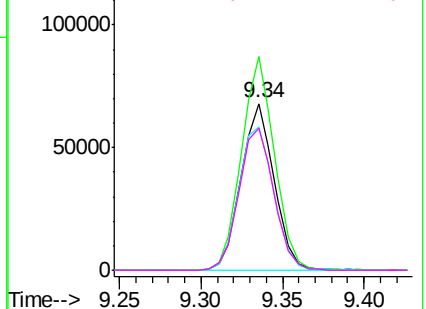


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.423 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007651.D

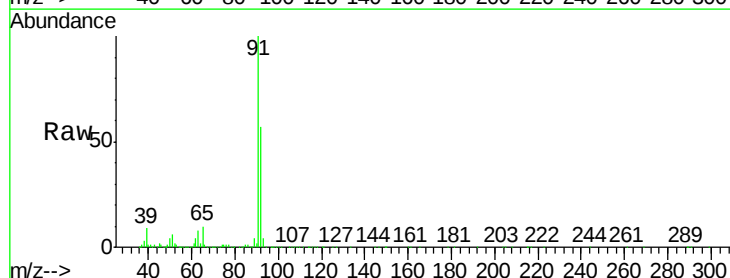
Acq: 22 Feb 2019 11:23

Tgt Ion: 91 Resp: 357467

Ion Ratio Lower Upper

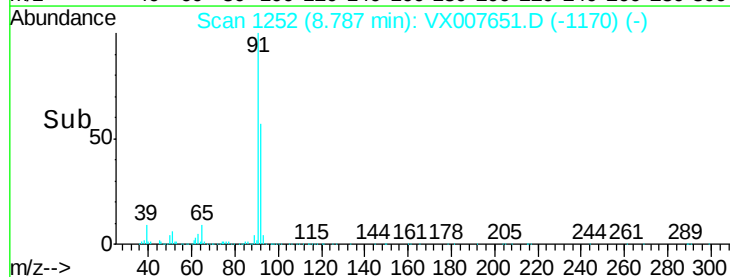
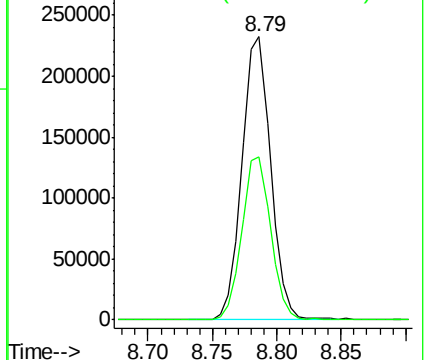
91 100

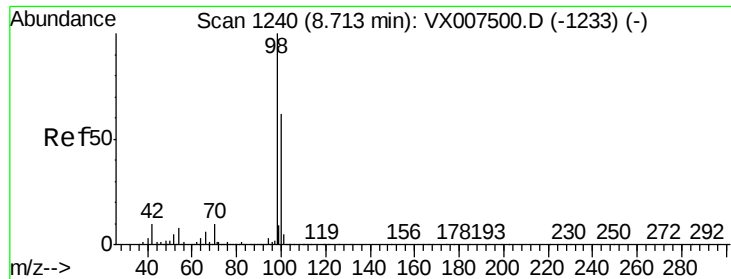
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 98 Resp: 451719

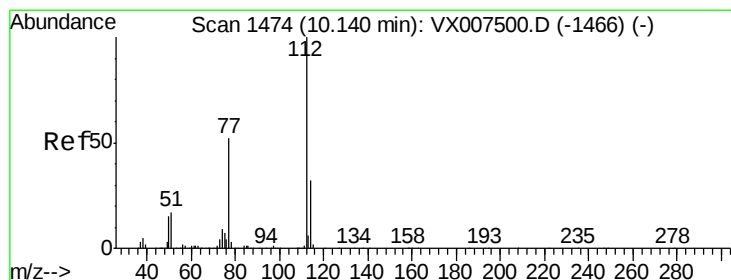
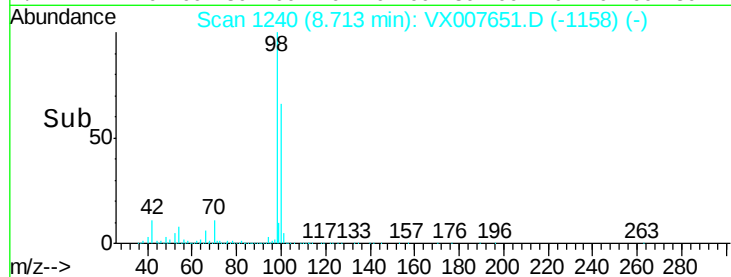
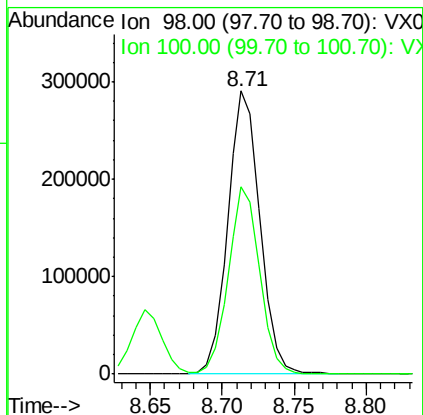
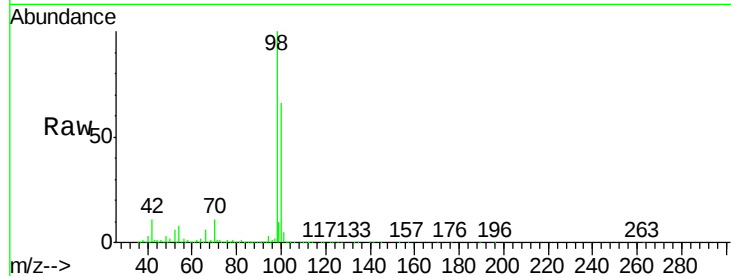
Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3

Manual Integrations
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#64

Chlorobenzene

Concen: 19.738 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007651.D

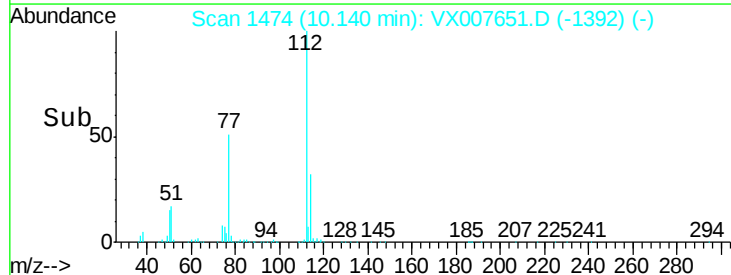
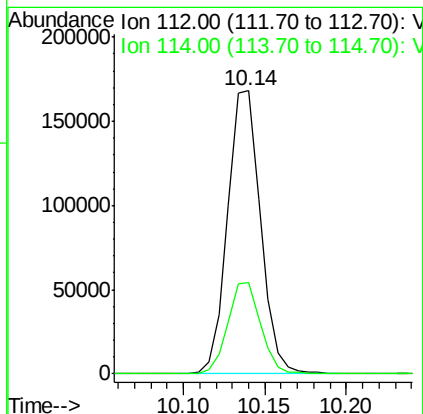
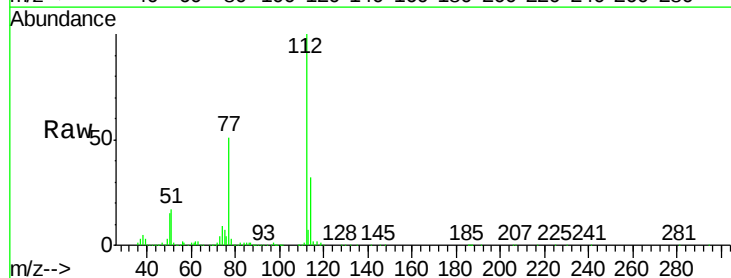
Acq: 22 Feb 2019 11:23

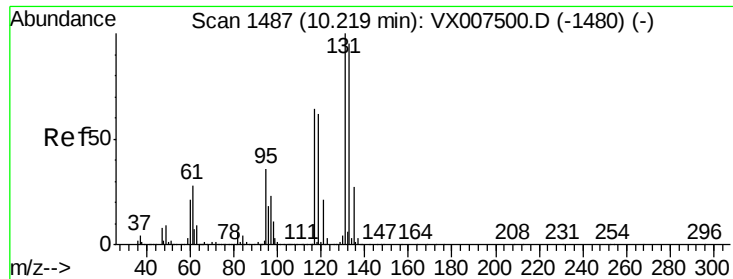
Tgt Ion: 112 Resp: 236072

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2





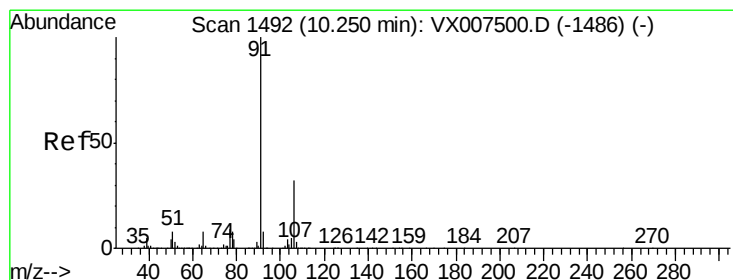
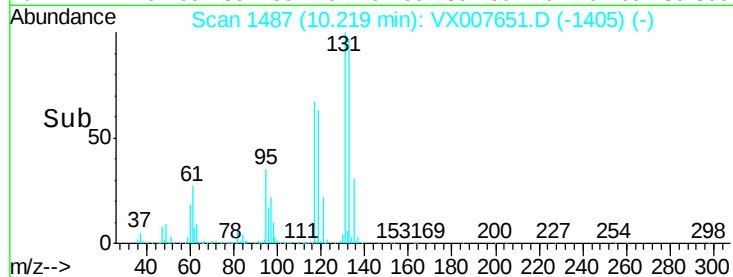
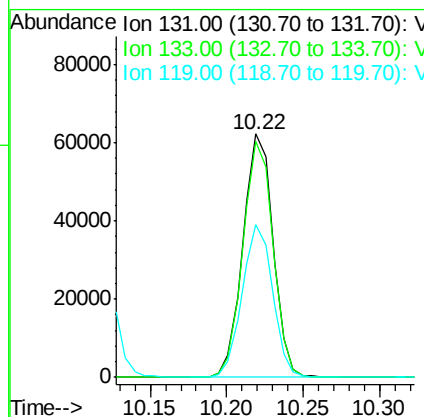
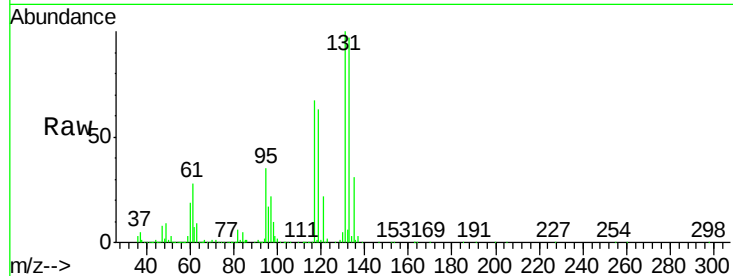
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.746 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.5	0.0	191.6
119	62.8	0.0	127.4

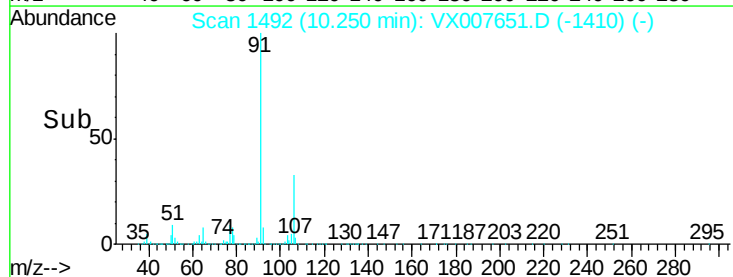
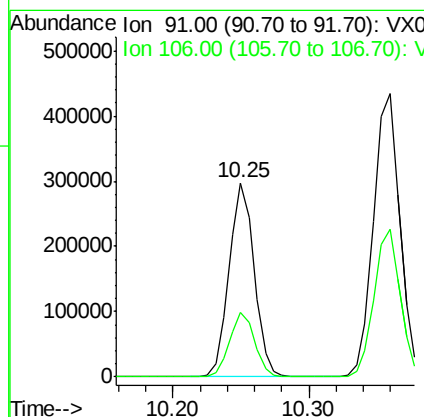
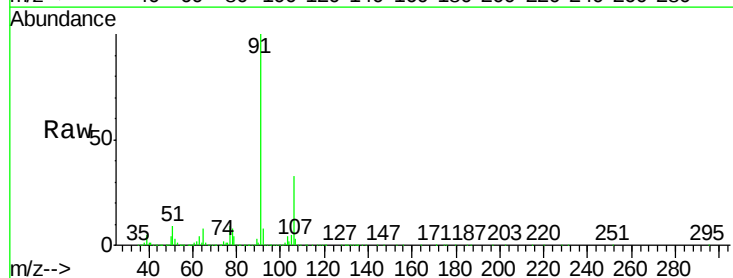
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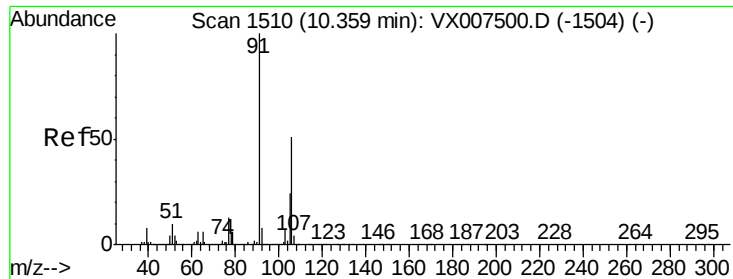
MMDadoda
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#66
 Ethyl Benzene
 Concen: 19.522 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.2	26.0	39.0





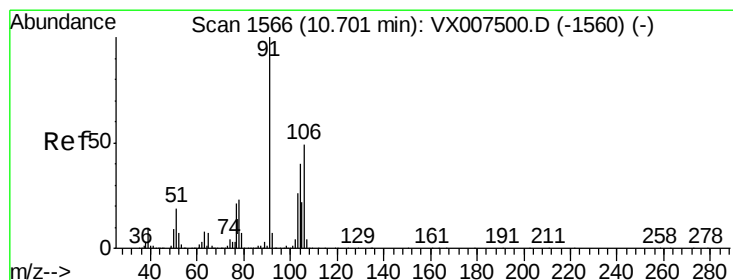
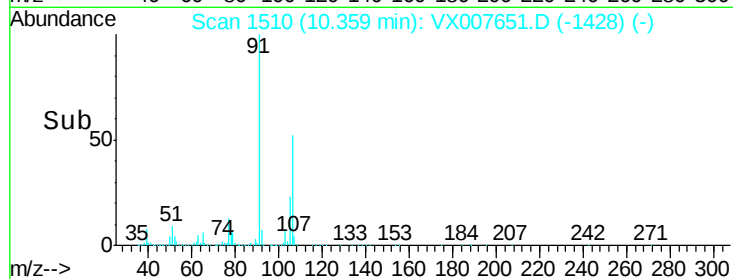
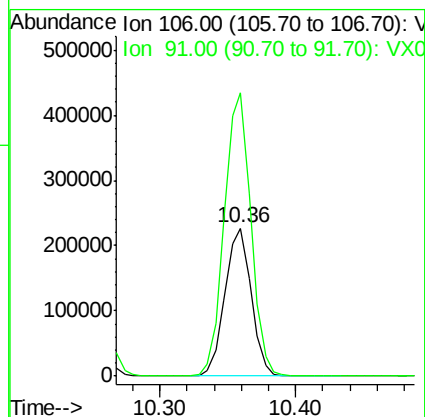
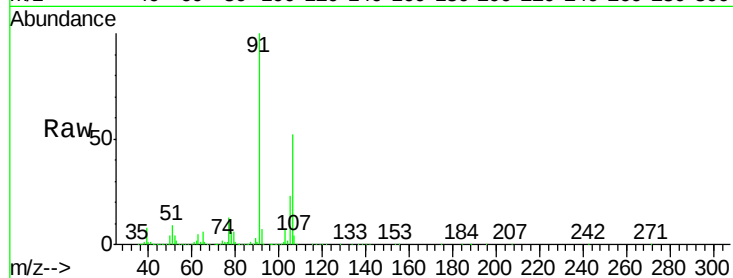
#67
m/p-Xylenes
Concen: 39.721 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	193.5	157.0	235.4

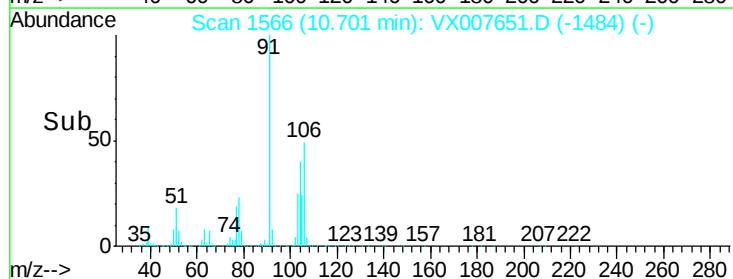
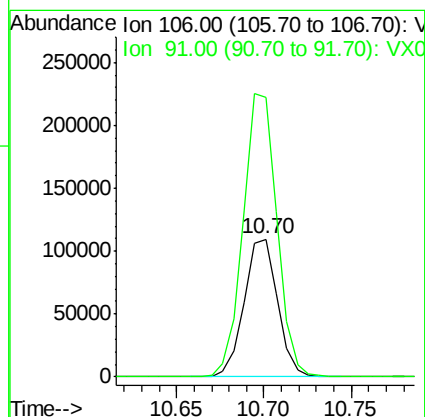
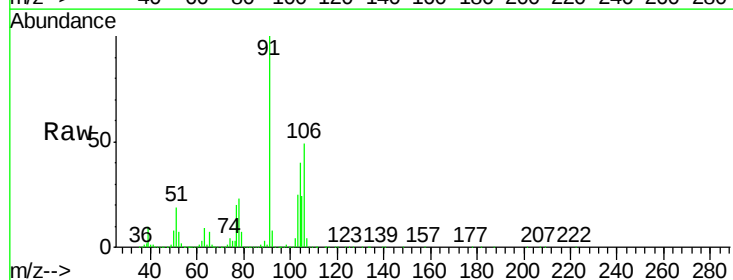
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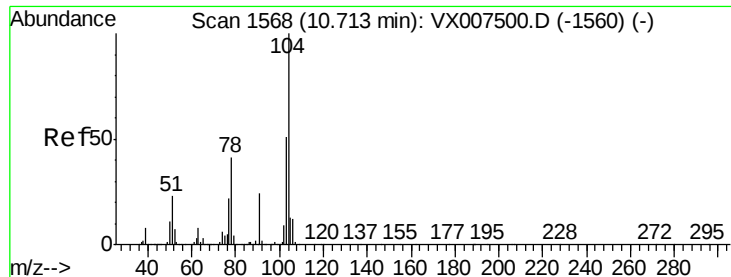
MMDadoda
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#68
o-Xylene
Concen: 19.422 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.1	104.4	313.2





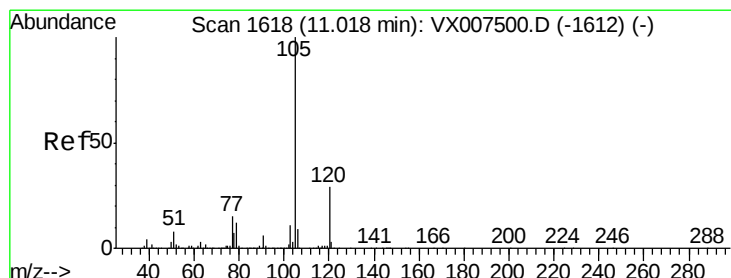
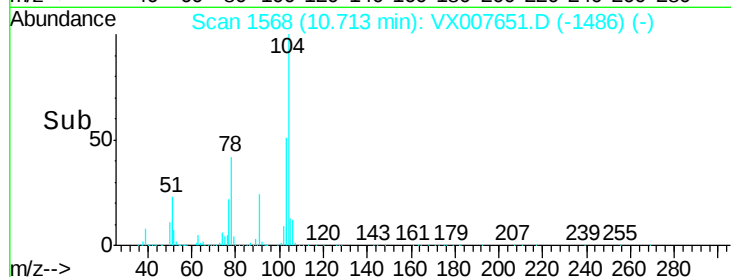
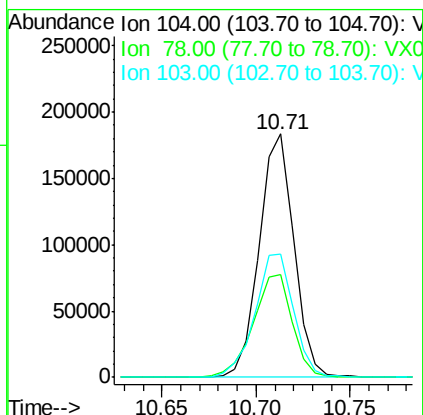
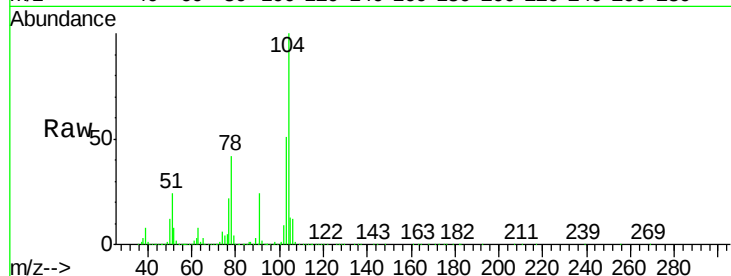
#69
Stvrene
Concen: 19.439 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	234363		
78	47.9	38.2	57.2	
103	56.9	45.0	67.4	

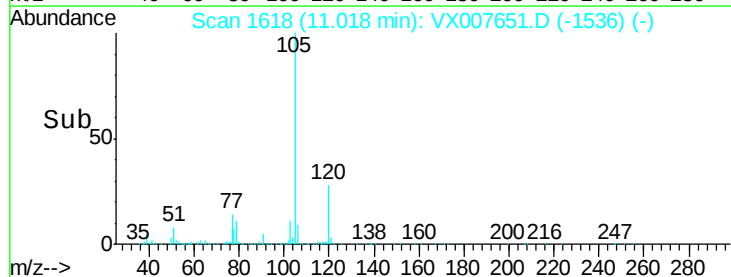
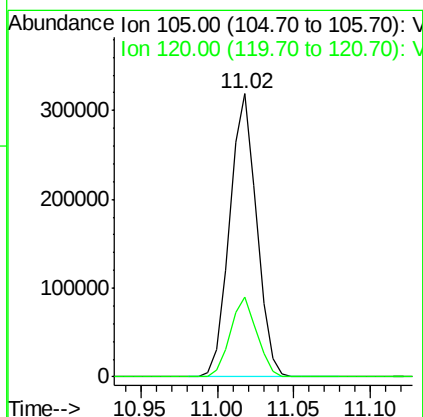
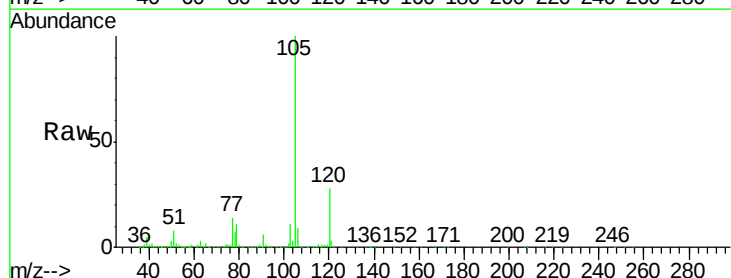
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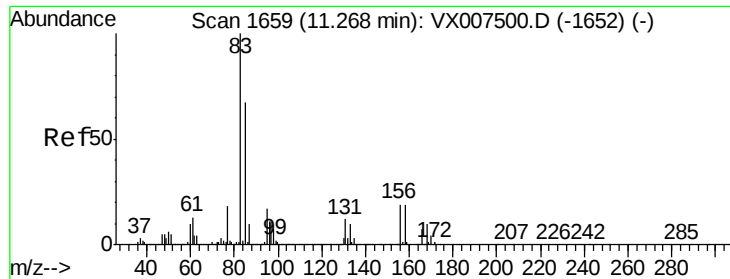
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#70
Isopropylbenzene
Concen: 19.793 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	390113		
120	27.9	19.8	36.8	





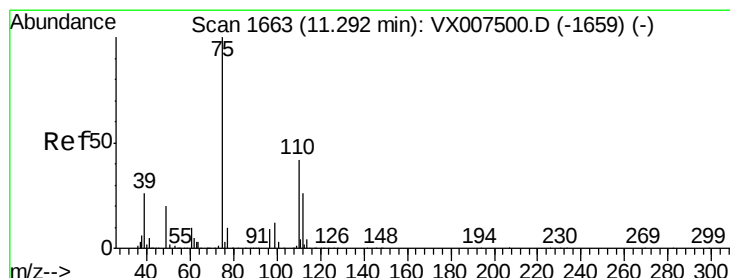
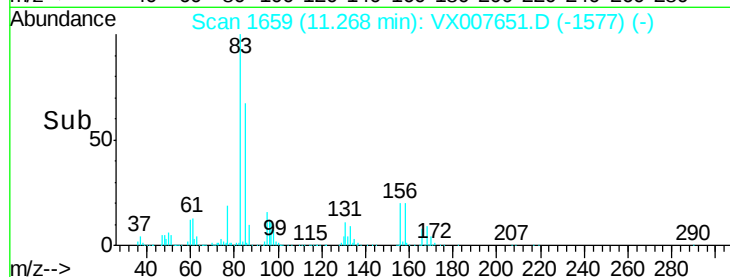
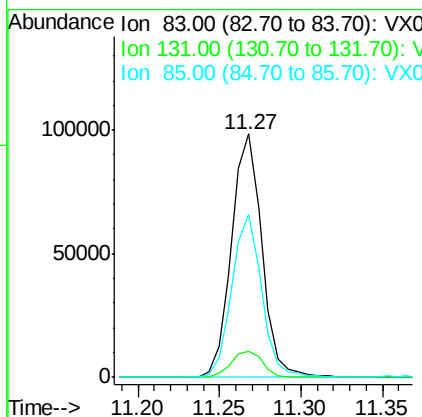
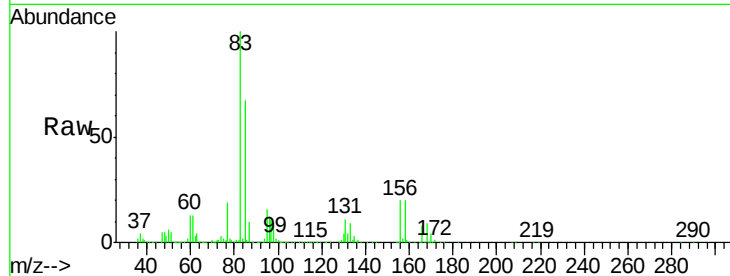
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.635 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127930		
131	11.3		5.4	16.2
85	65.8		32.8	98.4

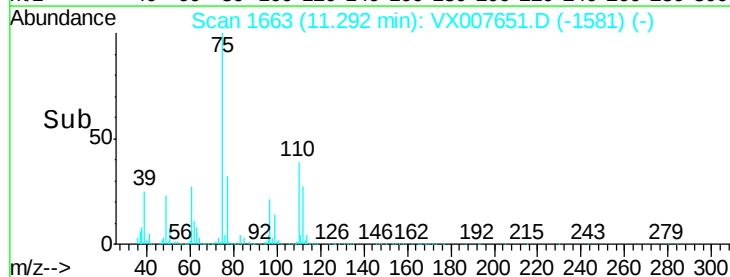
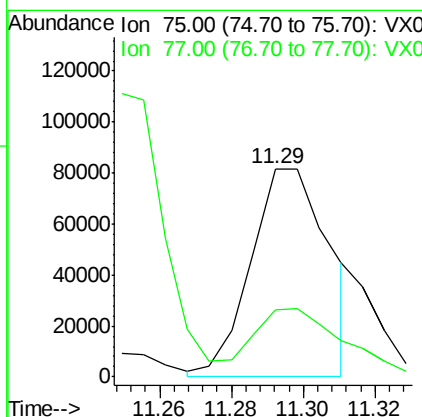
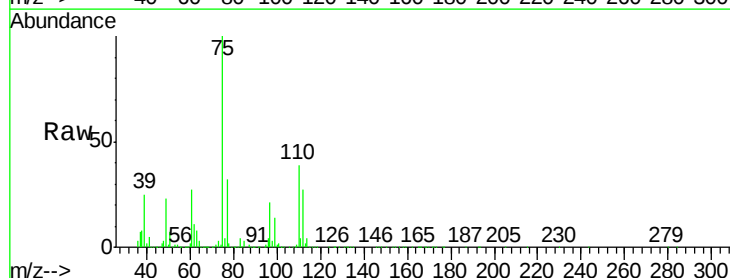
Manual Integrations
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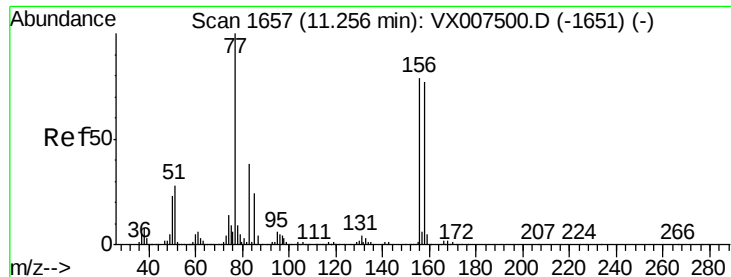
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#72
 1,2,3-Trichloropropane
 Concen: 20.795 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123883		
77	38.8		0.0	76.4





#73

Bromobenzene

Concen: 19.839 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

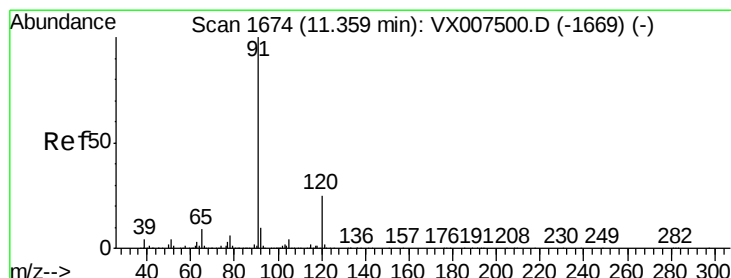
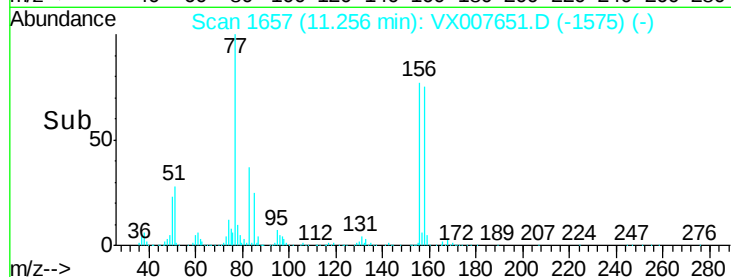
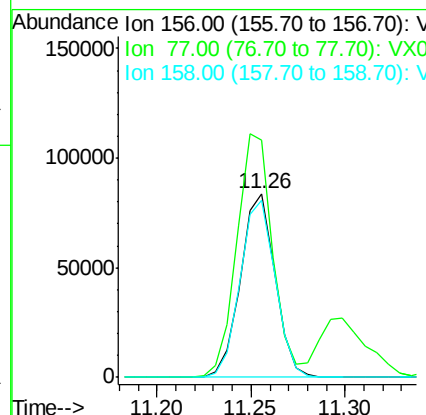
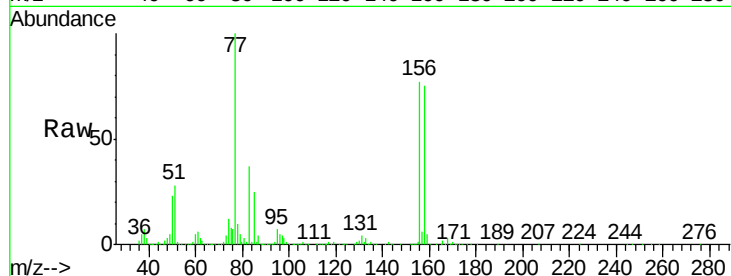
ClientSampleId :

VX0222WBS01

Tot Ion:	156	Resp:	106757
Ion Ratio	Lower	Upper	
156	100		
77	136.2	0.0	271.4
158	98.1	0.0	194.0

Manual Integrations
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#74

n-propylbenzene

Concen: 19.847 ug/l

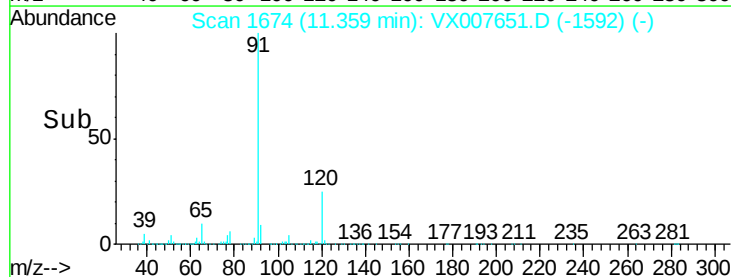
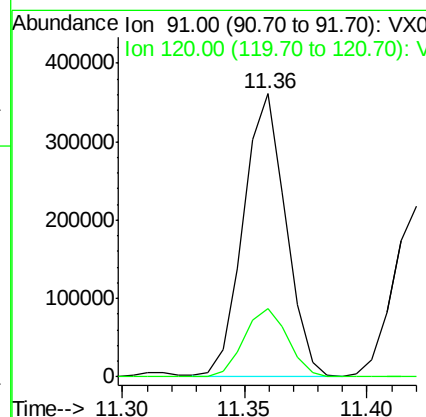
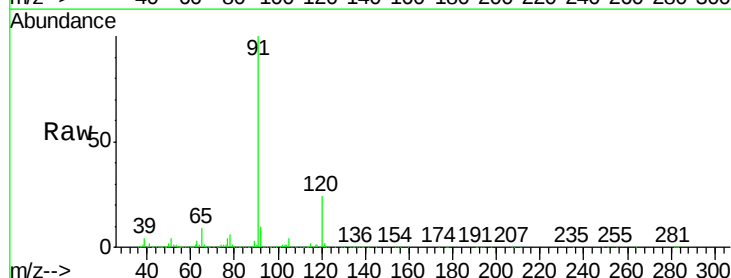
RT: 11.36 min Scan# 1674

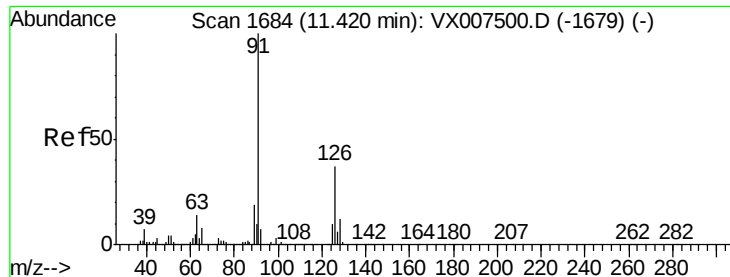
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	91	Resp:	434352
Ion Ratio	Lower	Upper	
91	100		
120	24.8	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.899 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion: 91 Resp: 260390

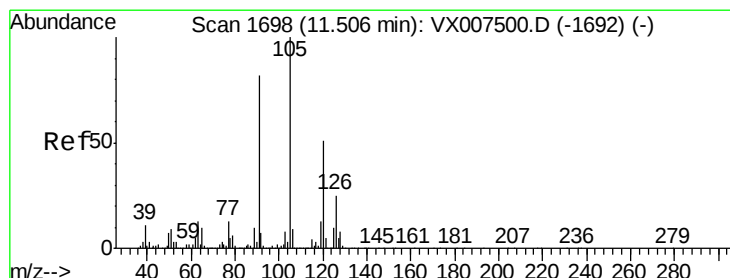
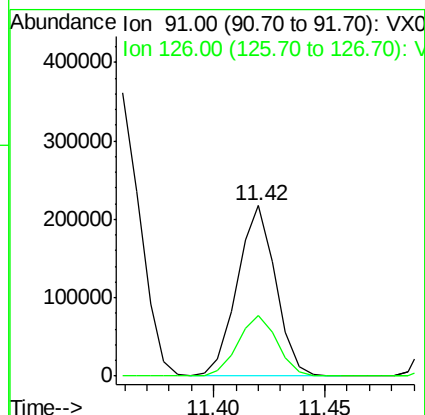
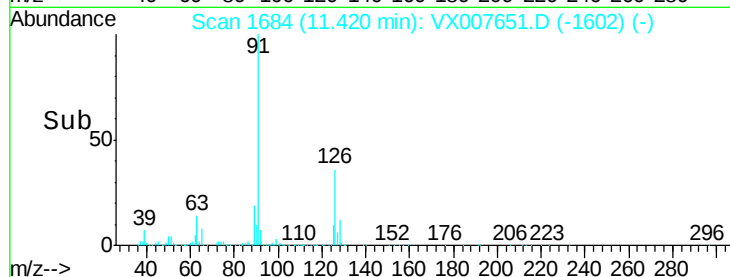
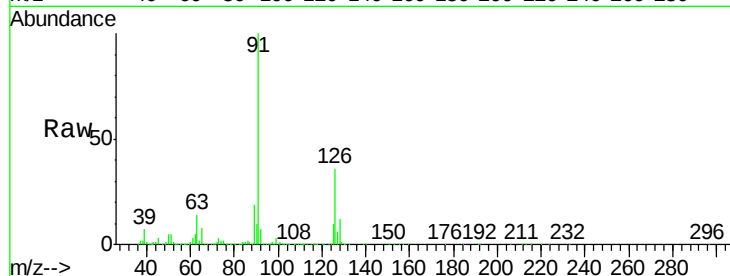
Ion Ratio Lower Upper

91 100

126 36.6 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.898 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007651.D

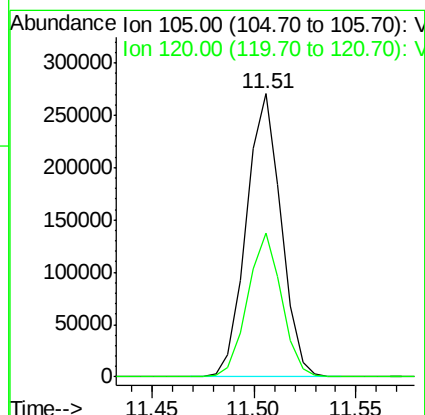
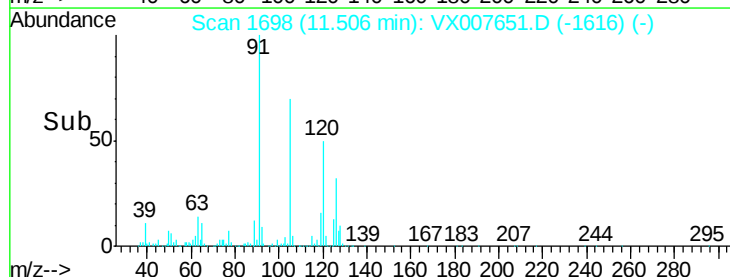
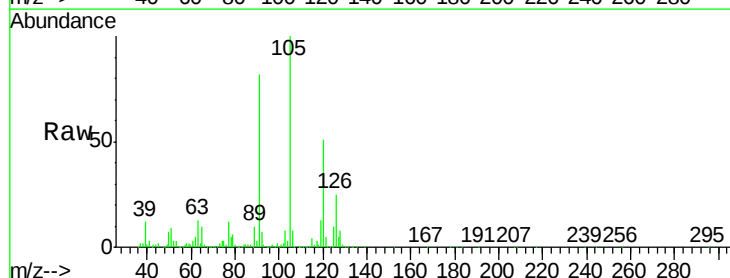
Acq: 22 Feb 2019 11:23

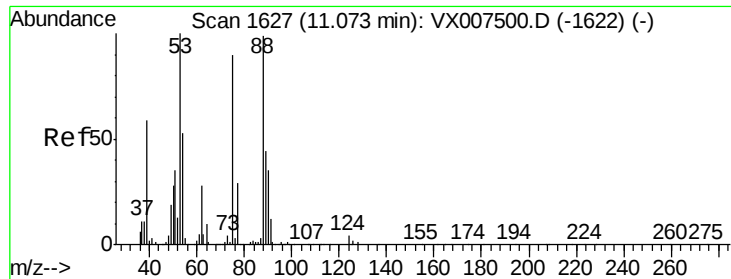
Tgt Ion: 105 Resp: 320142

Ion Ratio Lower Upper

105 100

120 49.5 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.370 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

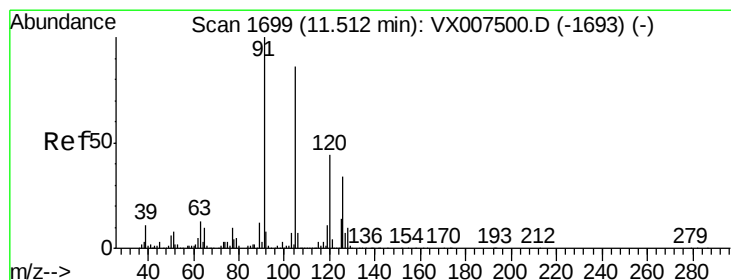
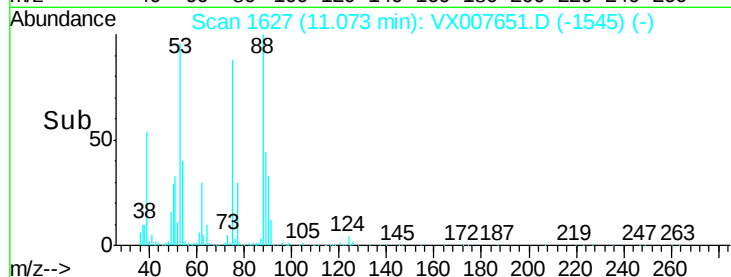
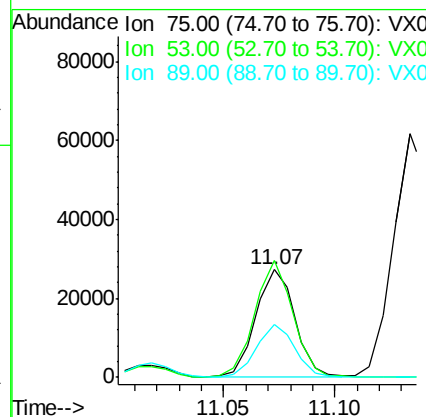
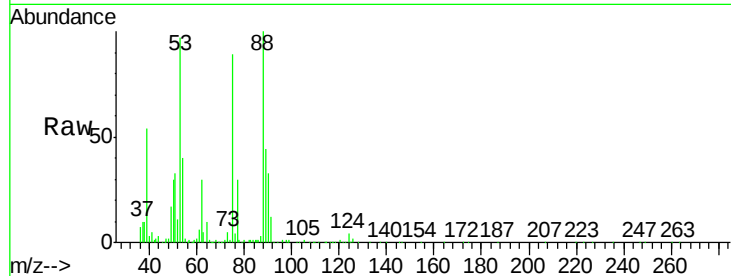
ClientSampleId :

VX0222WBS01

Tot Ion:	75	Resp:	33308
Ion	Ratio	Lower	Upper
75	100		
53	109.4	55.5	166.7
89	48.7	24.4	73.2

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#78

4-Chlorotoluene

Concen: 19.672 ug/l

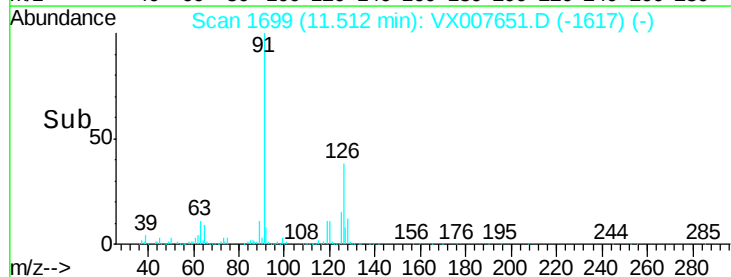
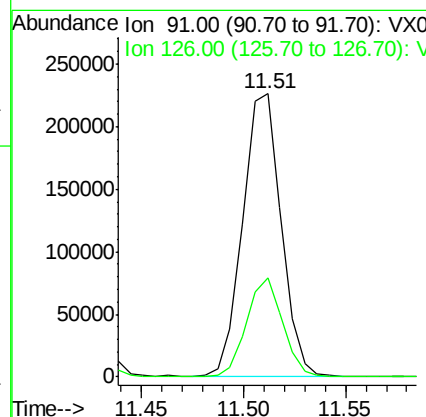
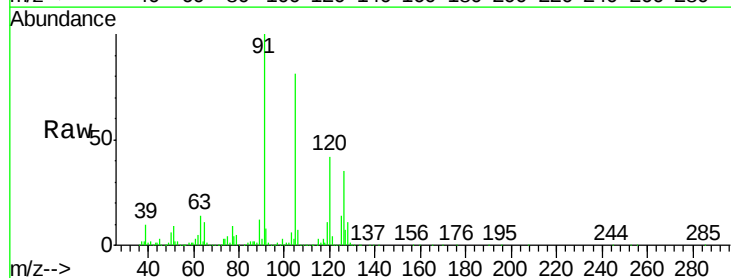
RT: 11.51 min Scan# 1699

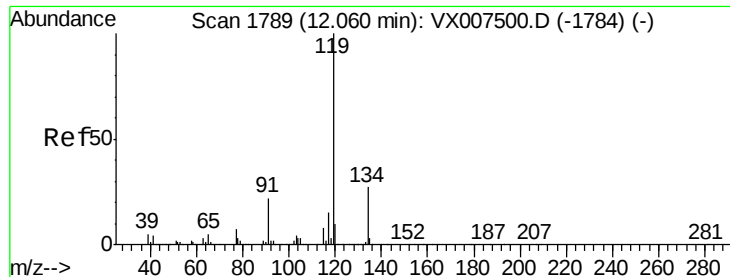
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	91	Resp:	293822
Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	66.2





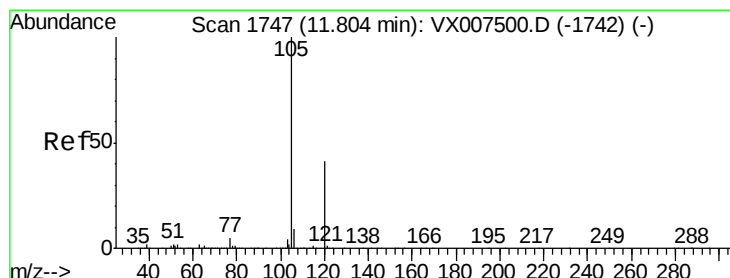
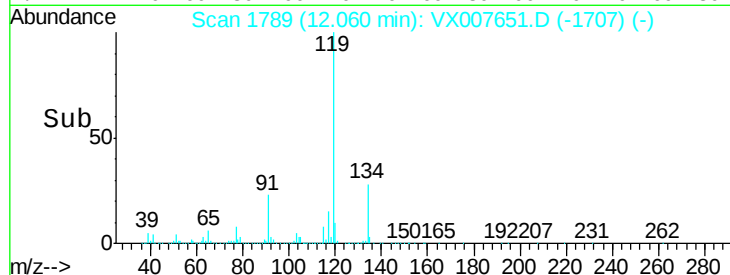
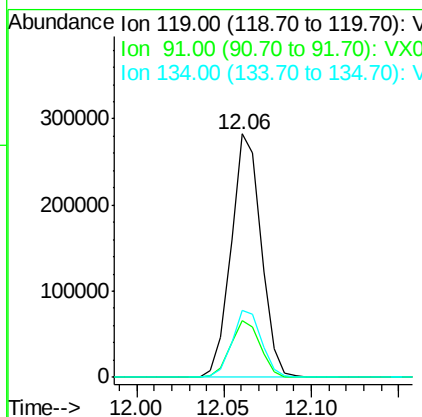
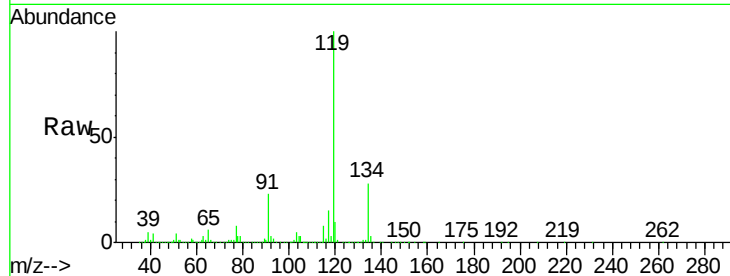
#79
tert-butylbenzene
Concen: 19.735 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	337168		
91	22.9	0.0	45.0	
134	27.2	0.0	55.4	

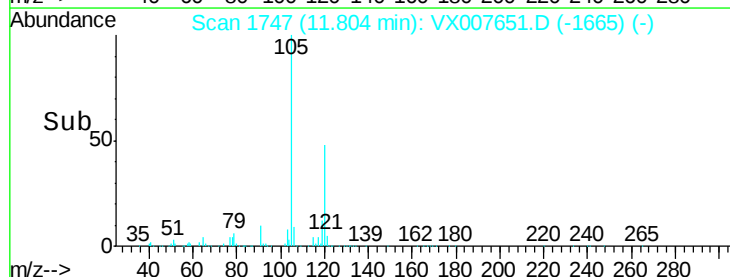
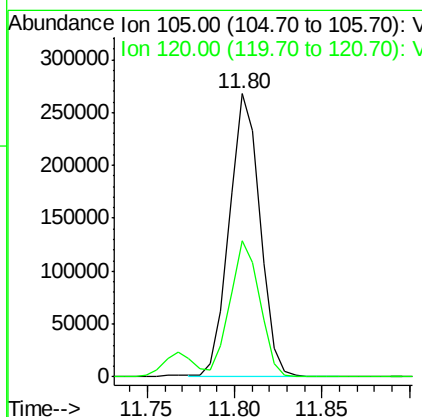
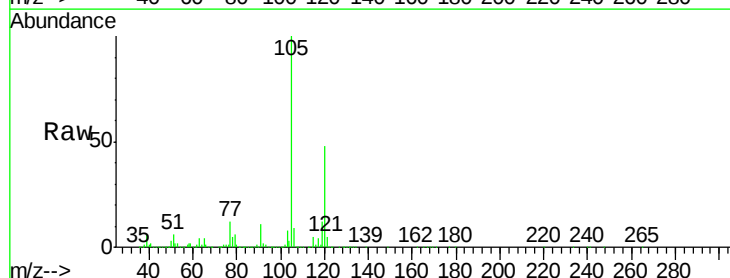
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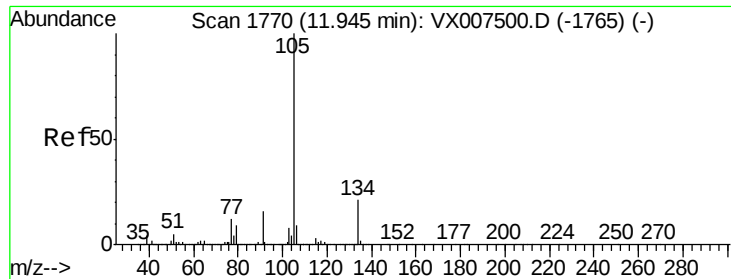
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#80
1,2,4-Trimethylbenzene
Concen: 20.007 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	326771		
120	45.9	0.0	94.0	





#81

sec-Butylbenzene

Concen: 20.017 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBS01

Tot Ion:105 Resp: 384601

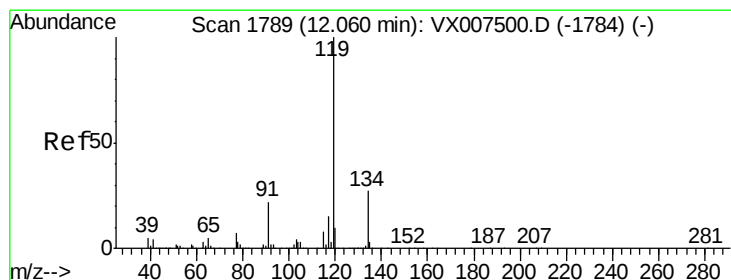
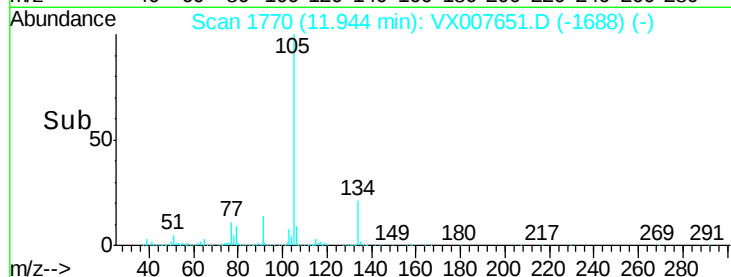
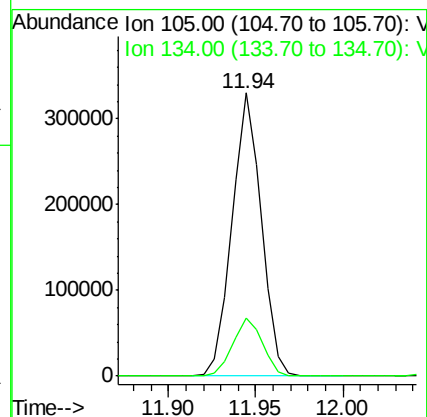
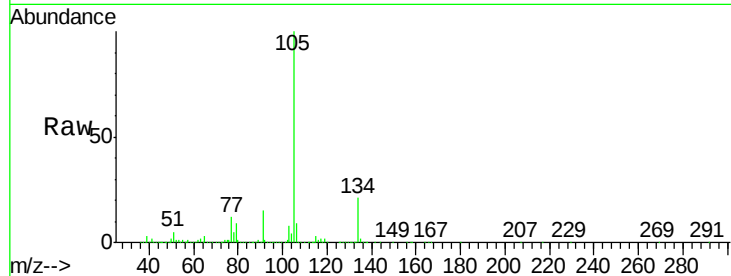
Ion Ratio Lower Upper

105 100

134 21.1 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 19.735 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

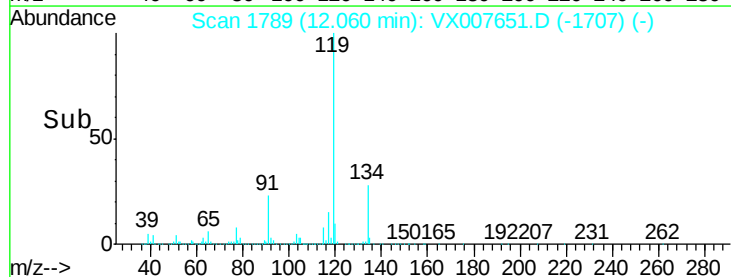
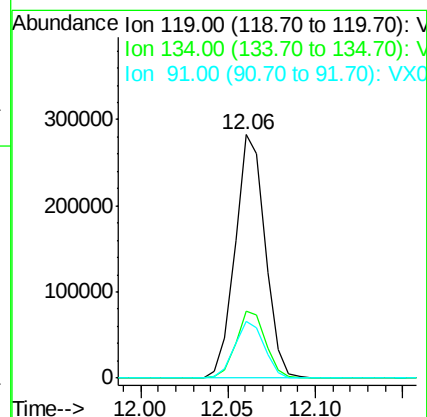
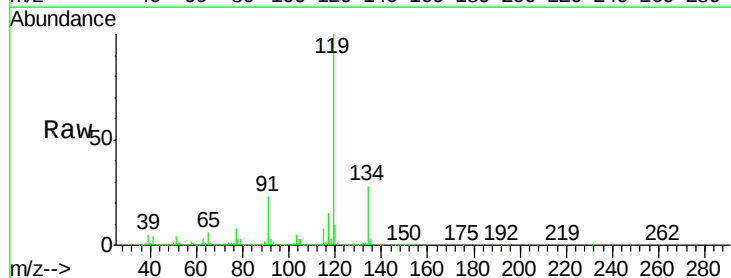
Tgt Ion:119 Resp: 337168

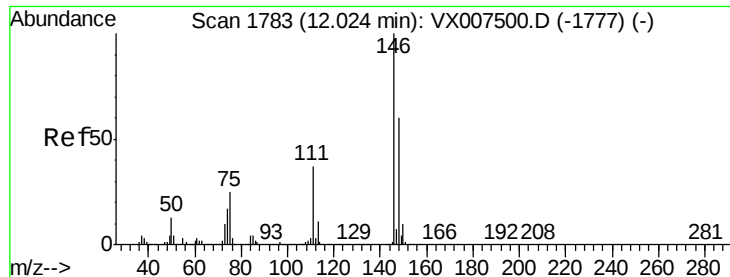
Ion Ratio Lower Upper

119 100

134 27.2 0.0 55.4

91 22.9 0.0 45.0





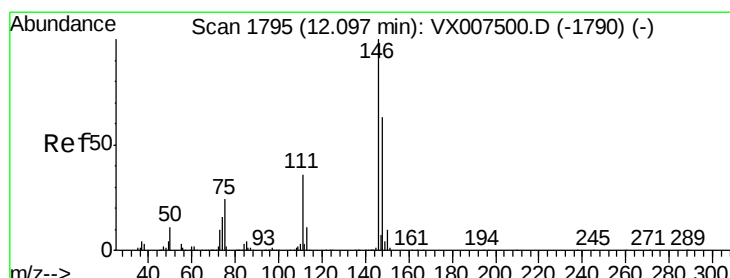
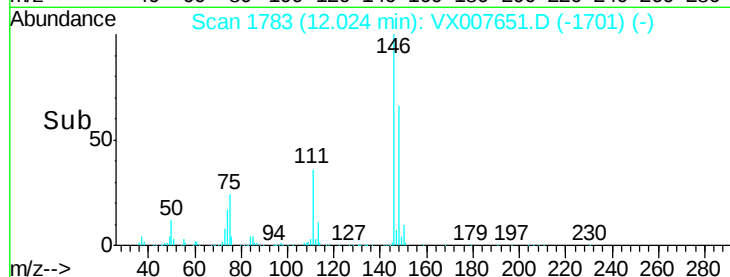
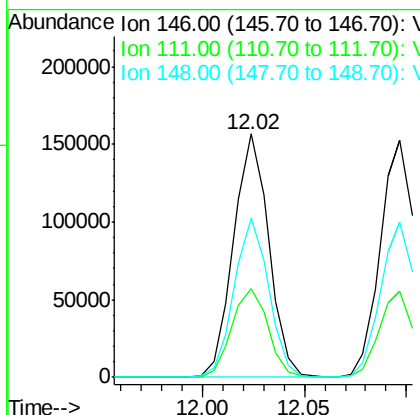
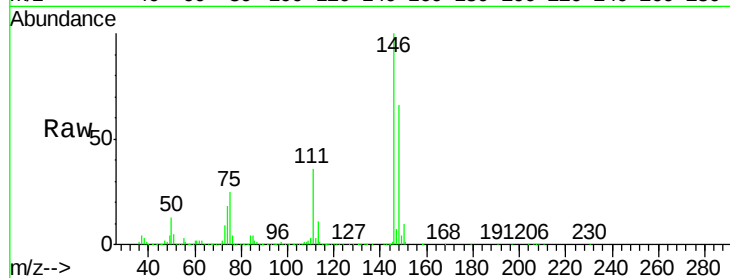
#83
 1,3-Dichlorobenzene
 Concen: 19.776 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.3	30.6	91.8

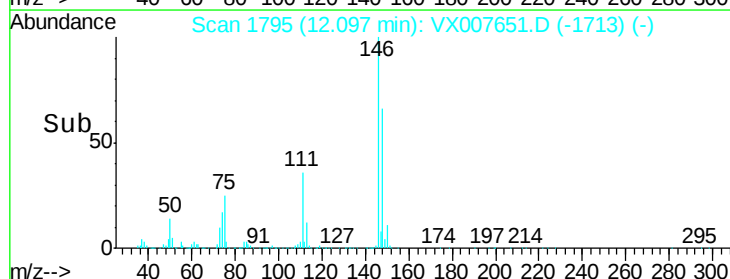
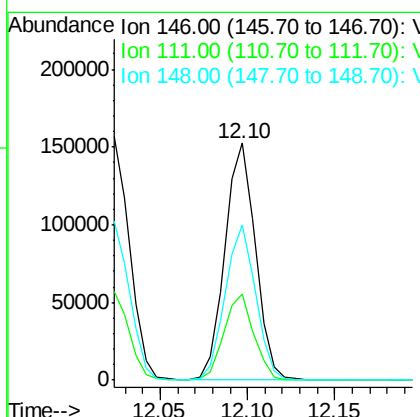
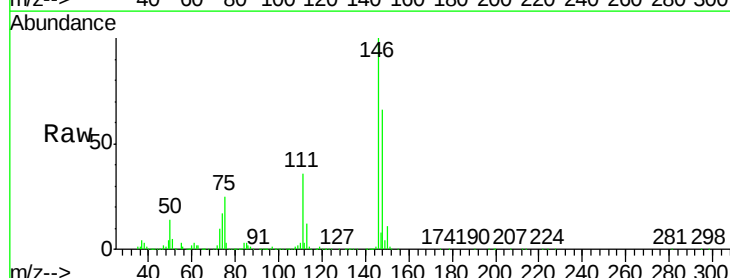
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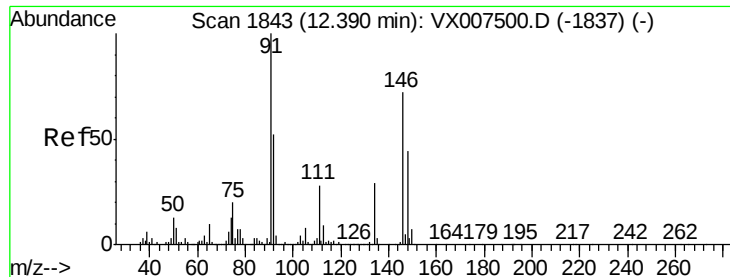
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#84
 1,4-Dichlorobenzene
 Concen: 19.726 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.6	52.8
148	65.1	31.4	94.2





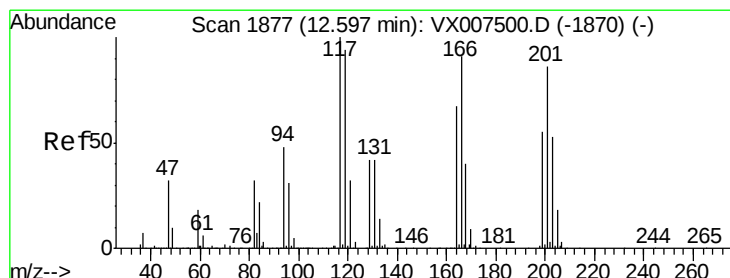
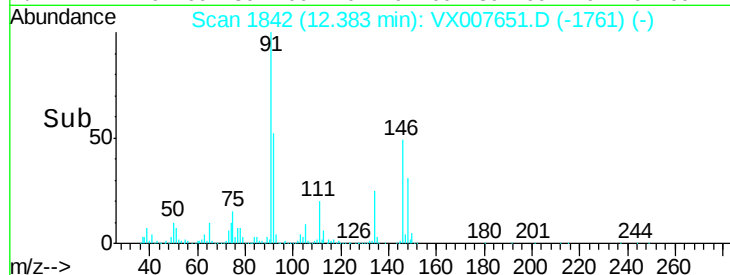
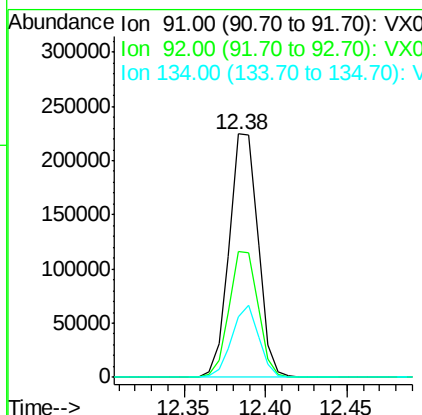
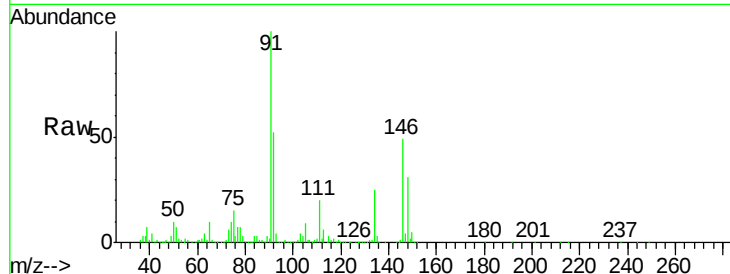
#85
n-Butylbenzene
Concen: 19.455 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	275808		
92	52.1		0.0	105.2
134	27.8		0.0	56.4

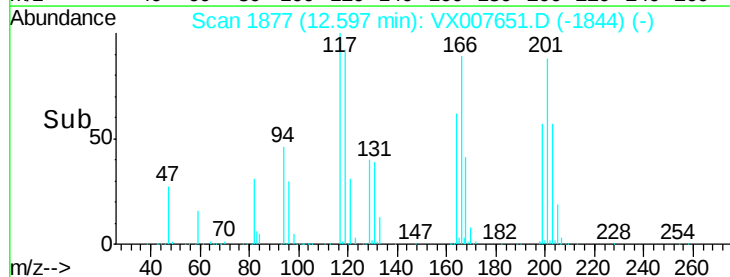
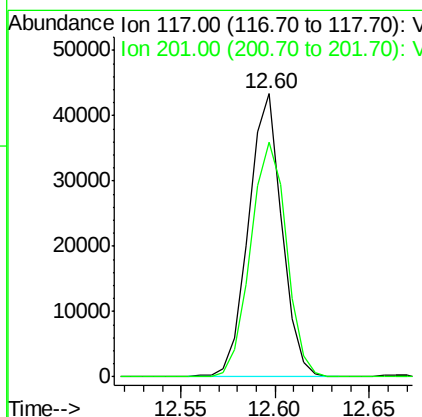
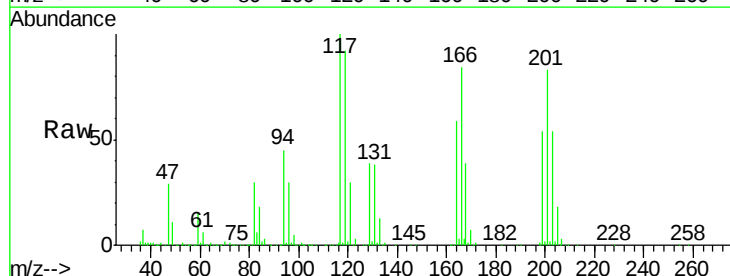
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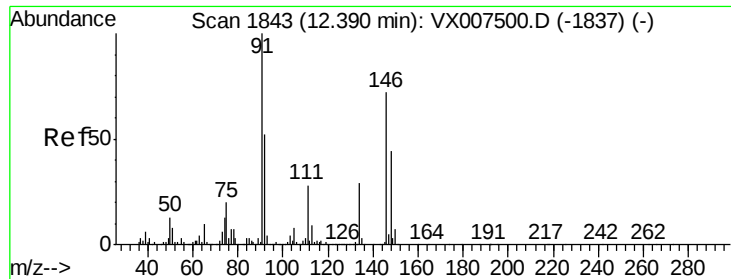
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#86
Hexachloroethane
Concen: 18.734 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53138		
201	89.3		41.1	123.3





#87

1,2-Dichlorobenzene

Concen: 19.908 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Instrument :

MSVOA_X

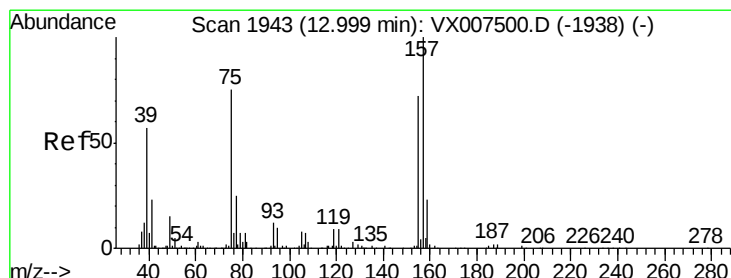
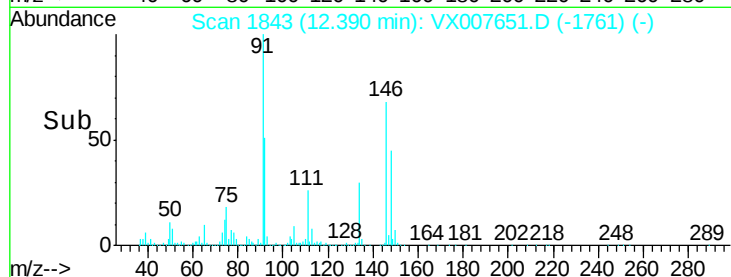
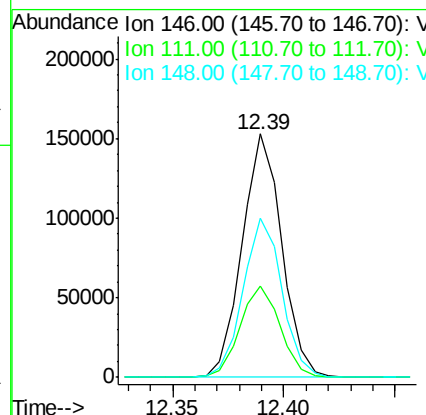
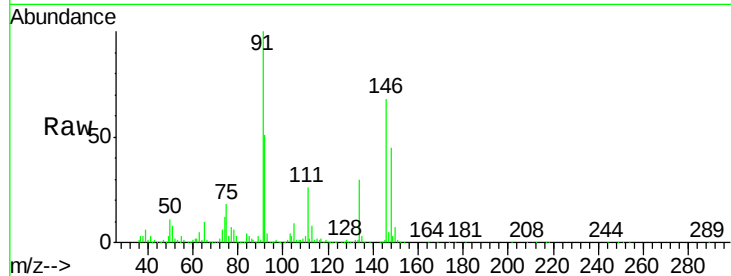
ClientSampleId :

VX0222WBS01

Tot Ion:	146	Resp:	189026
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.3	57.8
148	64.4	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.303 ug/l

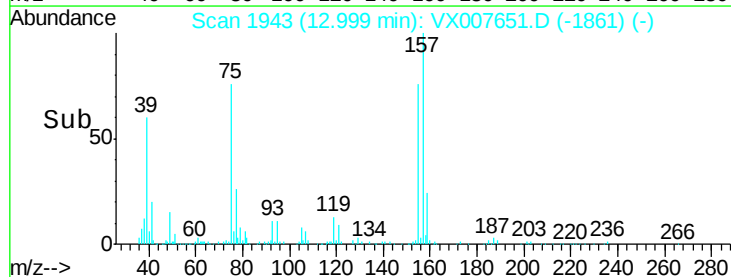
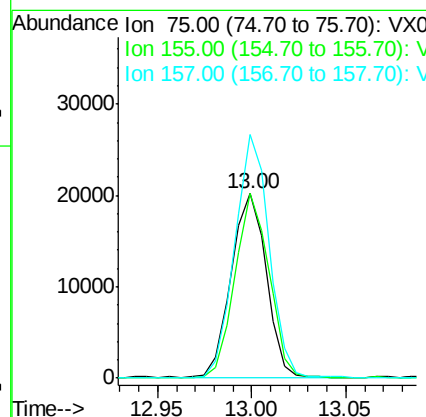
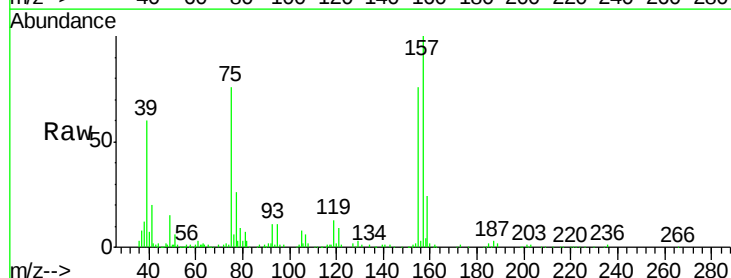
RT: 13.00 min Scan# 1943

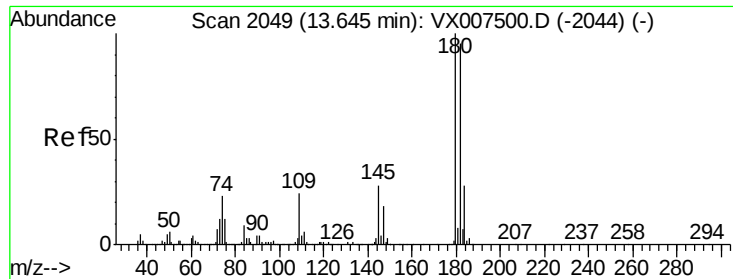
Delta R.T. -0.00 min

Lab File: VX007651.D

Acq: 22 Feb 2019 11:23

Tgt Ion:	75	Resp:	26246
Ion Ratio	Lower	Upper	
75	100		
155	97.1	81.0	121.6
157	129.1	103.2	154.8





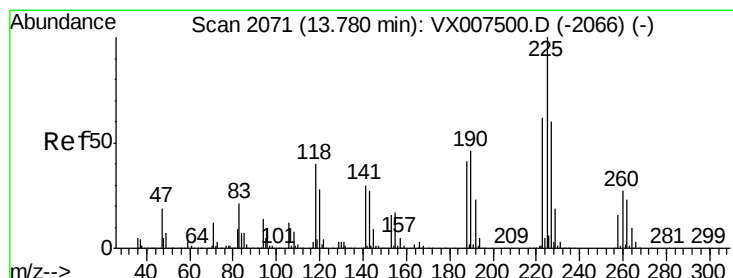
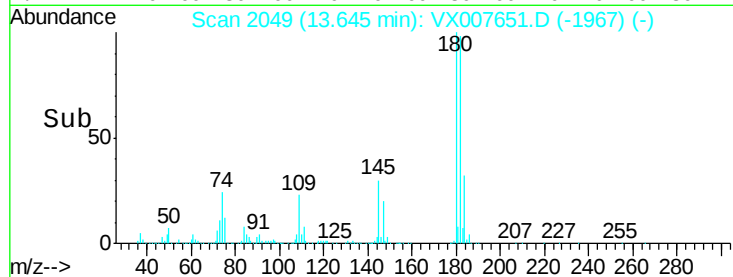
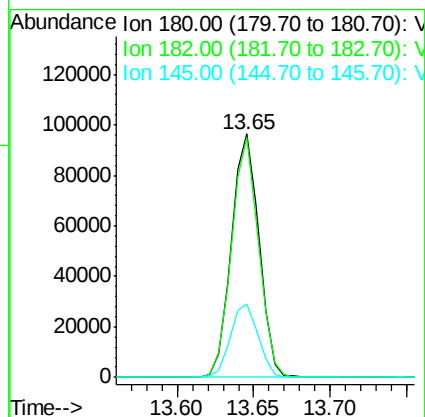
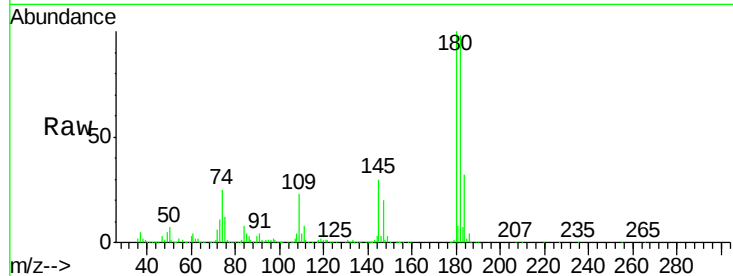
#89
 1,2,4-Trichlorobenzene
 Concen: 19.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	120245		
182	96.2		75.6	113.4
145	30.2		23.0	34.6

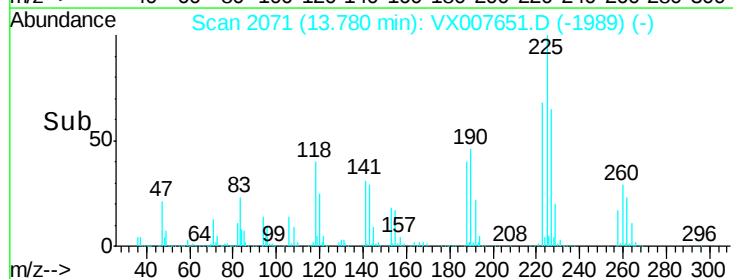
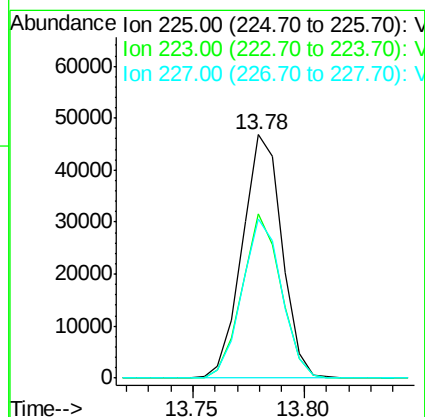
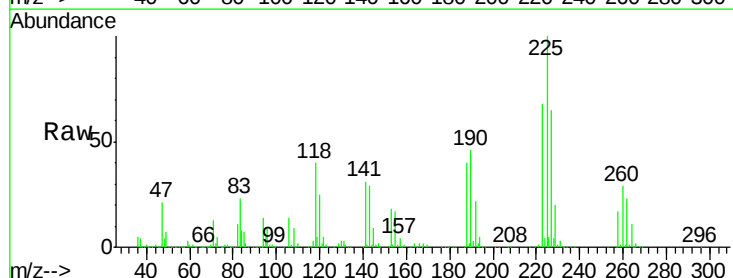
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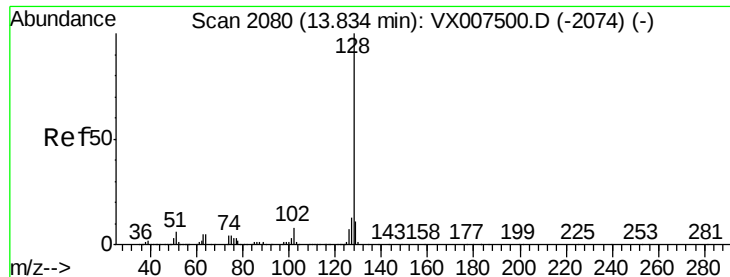
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#90
 Hexachlorobutadiene
 Concen: 19.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007651.D
 Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58241		
223	65.9		0.0	123.8
227	65.0		0.0	124.4





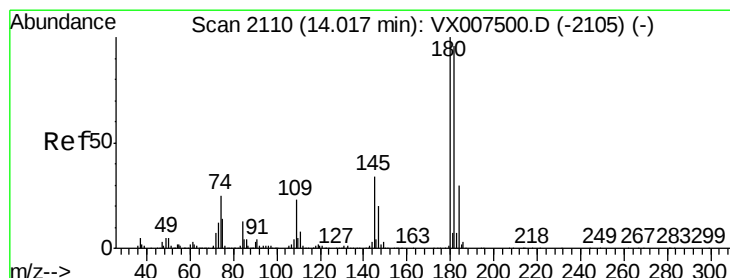
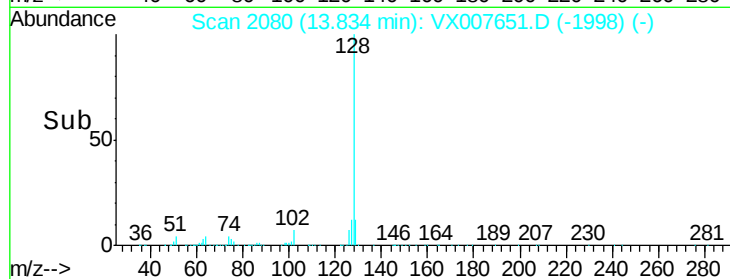
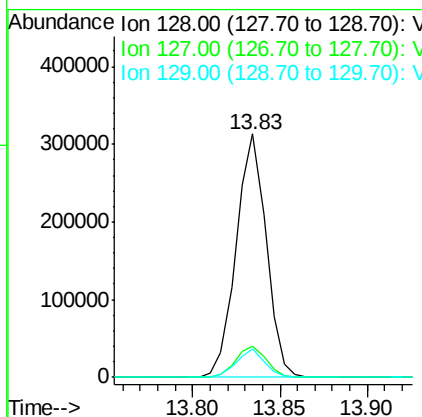
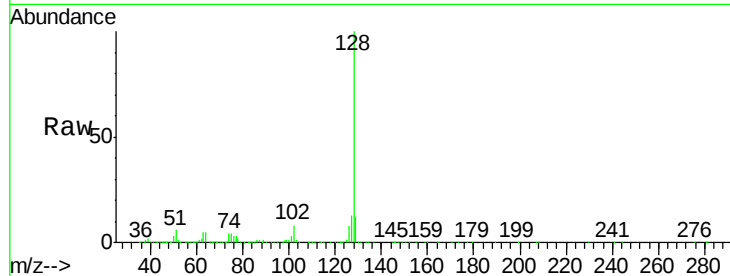
#91
Naphthalene
Concen: 18.880 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	375491		
127	13.0		10.5	15.7
129	11.1		8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.360 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007651.D
Acq: 22 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122732		
182	95.6		0.0	193.0
145	31.2		0.0	63.0

