

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022219\
 Data File : VX007654.D
 Acq On : 22 Feb 2019 12:43
 Operator : JC/SP
 Sample : VX0222WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0222WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2019 9:47:27 AM

Quant Time: Feb 22 13:09:10 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	5.03	128	70215	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	360505	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	330237	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	136842	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	153654	30.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.07%
63) Toluene-d8	8.71	98	452224	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	73090	20.556 ug/l	98
3) Chloromethane	1.33	50	78125	19.992 ug/l	96
4) Vinyl Chloride	1.41	62	86055	19.578 ug/l	100
5) Bromomethane	1.64	94	70546	17.973 ug/l	98
6) Chloroethane	1.73	64	55024	18.416 ug/l	93
7) Trichlorofluoromethane	1.93	101	134322	19.495 ug/l	98
8) Diethyl Ether	2.19	74	52506	19.077 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77951	20.052 ug/l	99
10) 1,1-Dichloroethene	2.38	96	74975	19.436 ug/l	91
11) Methyl Iodide	2.51	142	107081	19.314 ug/l	99
12) Methyl Acetate	2.78	43	95971	18.040 ug/l	97
13) Acrolein	2.29	56	63377	68.296 ug/l	98
14) Acrylonitrile	3.15	53	228404	93.182 ug/l	100
15) Acetone	2.45	58	63280	95.127 ug/l	96
16) Carbon Disulfide	2.57	76	191861	18.756 ug/l	98
17) Allyl chloride	2.73	41	120627	18.252 ug/l	98
18) Methylene Chloride	2.86	84	82619	19.045 ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	79329	19.227 ug/l	95
20) Diisopropyl ether	3.87	45	241273	19.317 ug/l	95
21) 1,1-Dichloroethane	3.70	63	137186	19.591 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	89890	19.577 ug/l	99
23) tert-Butyl Alcohol	3.06	59	92266	89.557 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	249282	18.622 ug/l	96
25) Chloroform	5.21	83	147155	19.898 ug/l	96
26) Cyclohexane	5.57	56	117853	20.071 ug/l #	99
29) 1,1-Dichloropropene	5.80	75	102903	20.463 ug/l	99
30) 2-Butanone	4.70	43	307686	103.392 ug/l	98
31) 2,2-Dichloropropane	4.59	77	96838	23.702 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	125481	20.877 ug/l	99
33) Carbon Tetrachloride	5.78	117	107638	20.258 ug/l	97
34) Benzene	6.14	78	319745	20.170 ug/l	98
35) Methacrylonitrile	5.06	41	63900	20.652 ug/l	96
36) 1,2-Dichloroethane	6.20	62	111865	20.735 ug/l	99
37) Trichloroethene	7.21	130	95150	20.876 ug/l	94
38) Methylcyclohexane	7.46	83	123791	21.266 ug/l	99
39) 1,2-Dichloropropane	7.52	63	78672	19.952 ug/l	99
40) Dibromomethane	7.66	93	58087	20.397 ug/l	97

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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	102271	20.236	ug/l	99
42) Vinyl Acetate	3.82	43	1044385	100.263	ug/l	99
43) Ethyl Acetate	4.85	43	115741	20.309	ug/l #	86
44) Isopropyl Acetate	6.46	43	174112	19.788	ug/l	99
45) 1,4-Dioxane	7.75	88	37604	362.116	ug/l	99
46) Methyl methacrylate	7.77	41	91205	20.469	ug/l	98
47) n-amyl Acetate	10.90	43	153227	19.757	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	104668	20.062	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	118807	20.450	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	88403	21.290	ug/l	92
51) Ethyl methacrylate	9.18	69	119251	19.810	ug/l	99
52) 1,3-Dichloropropane	9.37	76	138922	20.741	ug/l	100
53) Dibromochloromethane	9.58	129	87215	20.194	ug/l	97
54) 1,2-Dibromoethane	9.67	107	95088	20.913	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	311533	101.790	ug/l	99
56) Bromoform	10.85	173	64168	19.698	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	590869	99.473	ug/l	100
59) 2-Hexanone	9.49	43	453412	100.494	ug/l	99
61) Tetrachloroethene	9.34	164	94648	20.189	ug/l	97
62) Toluene	8.79	91	357765	19.892	ug/l	99
64) Chlorobenzene	10.14	112	232364	19.881	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	85259	20.140	ug/l	99
66) Ethyl Benzene	10.25	91	377376	19.773	ug/l	98
67) m/p-Xylenes	10.36	106	293236	39.172	ug/l	99
68) o-Xylene	10.70	106	145165	19.883	ug/l	98
69) Styrene	10.71	104	232288	19.716	ug/l	99
70) Isopropylbenzene	11.02	105	379362	19.696	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	130036	20.423	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	122550m	21.051	ug/l	
73) Bromobenzene	11.26	156	106450	20.243	ug/l	99
74) n-propylbenzene	11.36	91	423138	19.785	ug/l	99
75) 2-Chlorotoluene	11.42	91	250886	19.620	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	313919	19.966	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	32375	19.266	ug/l	93
78) 4-Chlorotoluene	11.51	91	284532	19.494	ug/l	99
79) tert-butylbenzene	12.06	119	327399	19.610	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	316798	19.849	ug/l	99
81) sec-Butylbenzene	11.94	105	372746	19.852	ug/l	99
82) p-Isopropyltoluene	12.06	119	327399	19.610	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	183212	19.818	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	180910	19.610	ug/l	98
85) n-Butylbenzene	12.39	91	268851	19.406	ug/l	99
86) Hexachloroethane	12.60	117	55089	19.874	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	187184	20.173	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	25337	19.068	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	118009	19.364	ug/l	99
90) Hexachlorobutadiene	13.78	225	58894	20.684	ug/l	100
91) Naphthalene	13.83	128	365830	18.822	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	120426	19.439	ug/l	98

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

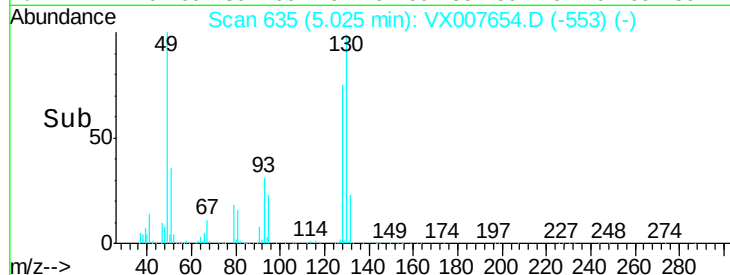
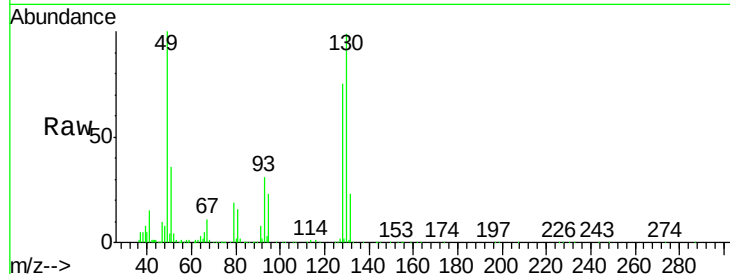
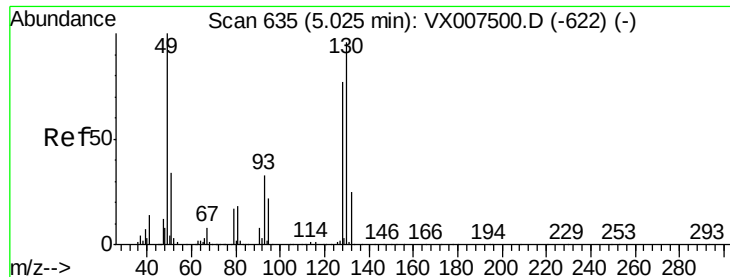
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



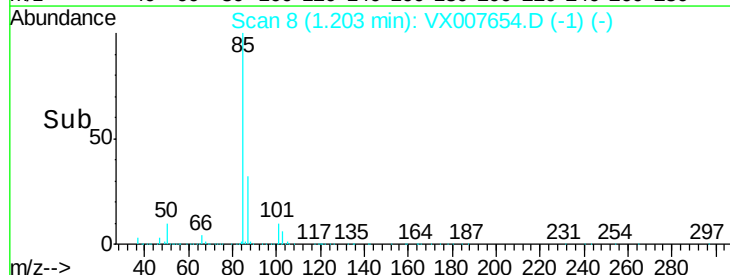
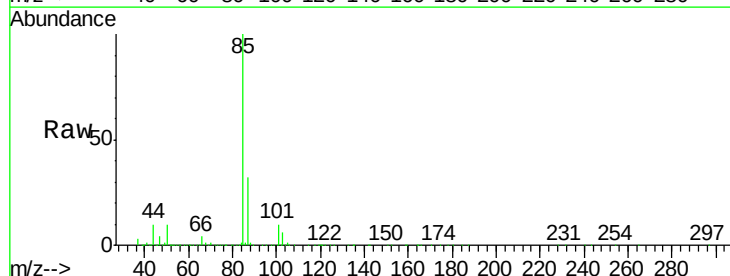
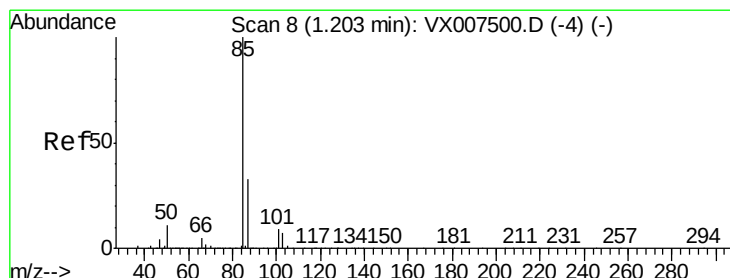
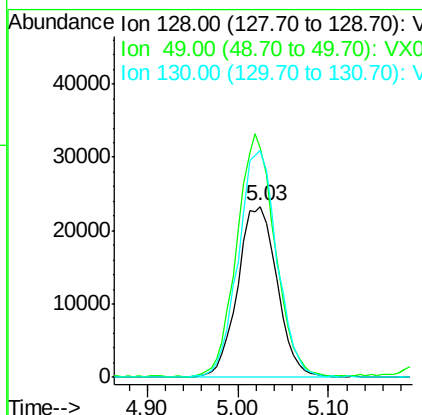
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tot Ion	Ratio	Lower	Upper
128	100		
49	139.0	0.0	350.8
130	130.2	0.0	325.8

Instrument :
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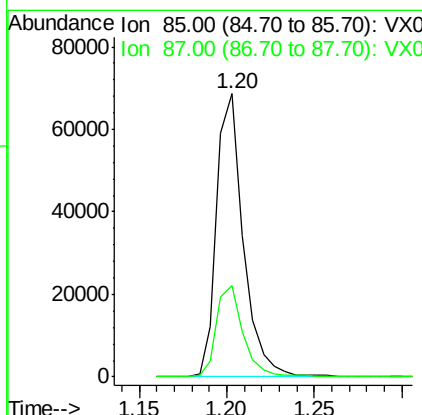
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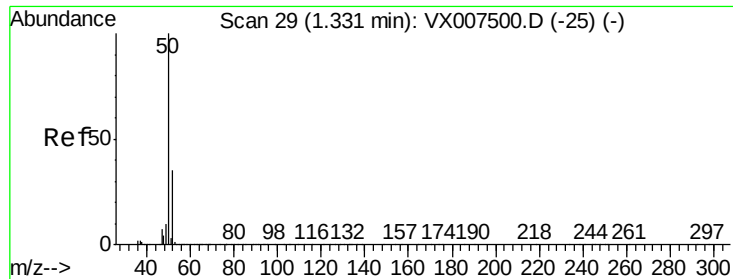
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#2
Dichlorodifluoromethane
Concen: 20.556 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.8





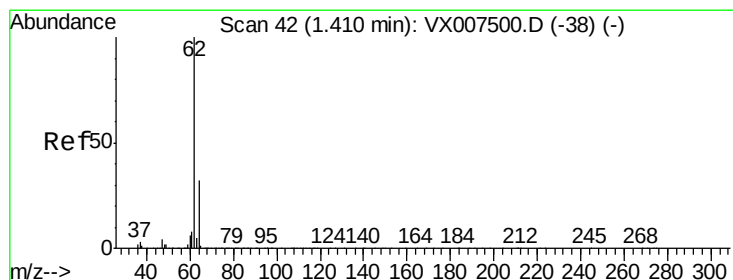
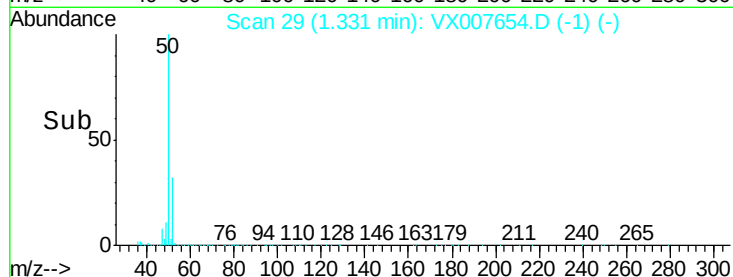
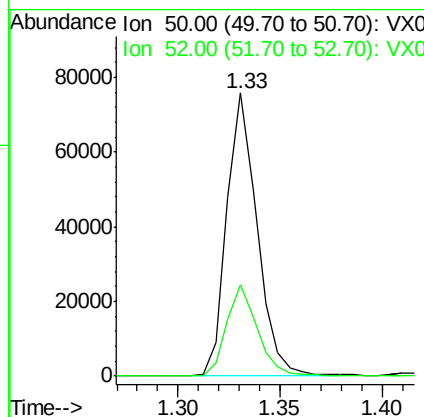
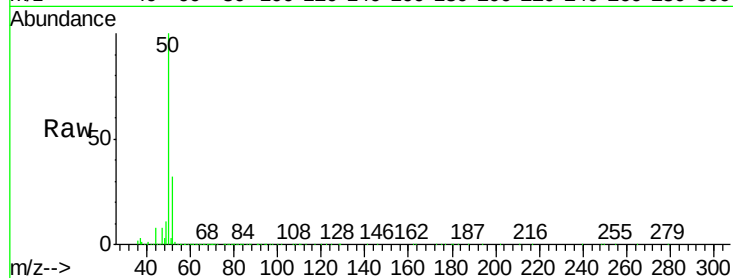
#3
Chloromethane
Concen: 19.992 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	27.5	41.3

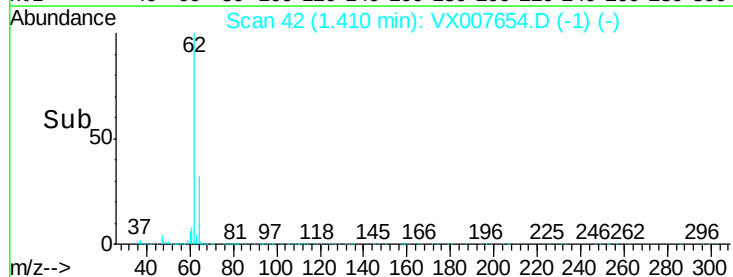
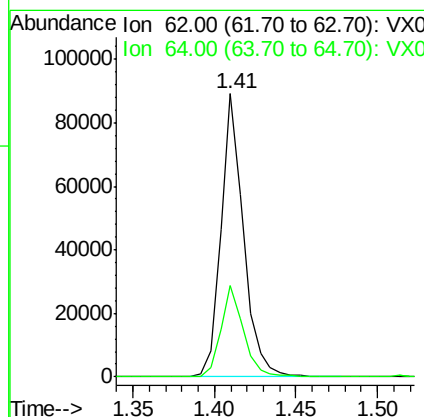
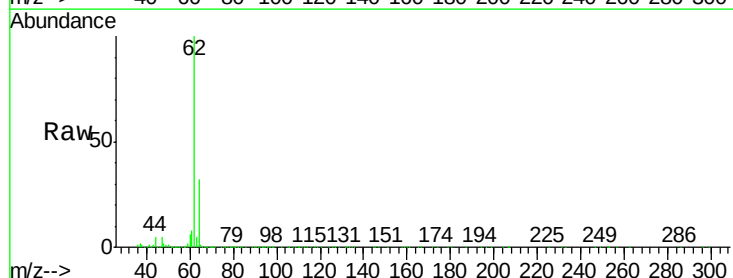
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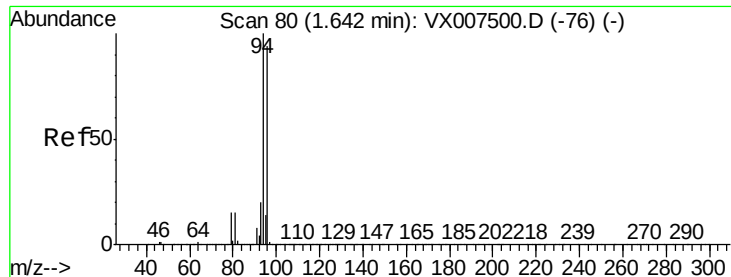
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#4
Vinyl Chloride
Concen: 19.578 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.9	38.9





#5

Bromomethane

Concen: 17.973 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 94 Resp: 70546

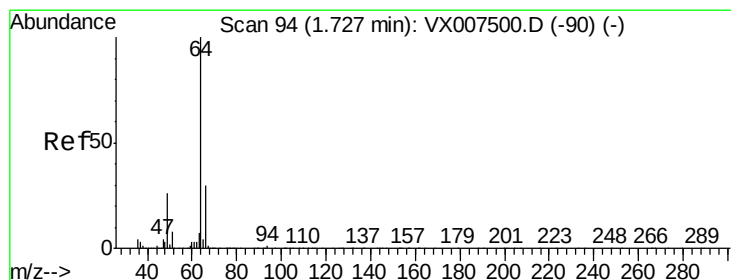
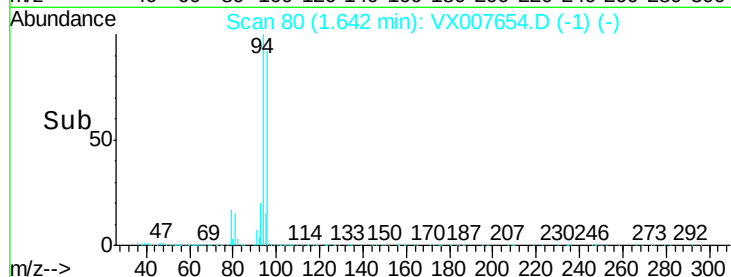
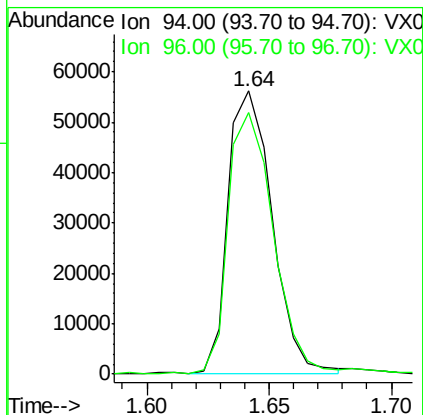
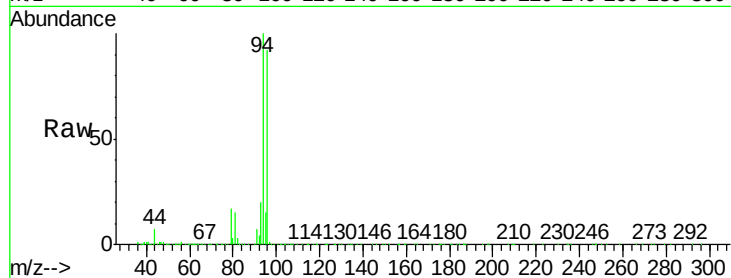
Ion Ratio Lower Upper

94 100

96 92.3 75.6 113.4

Manual Integrations
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#6

Chloroethane

Concen: 18.416 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007654.D

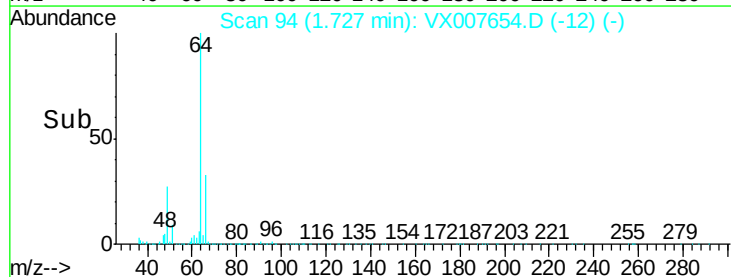
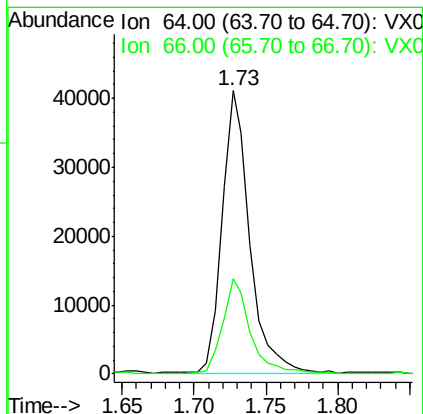
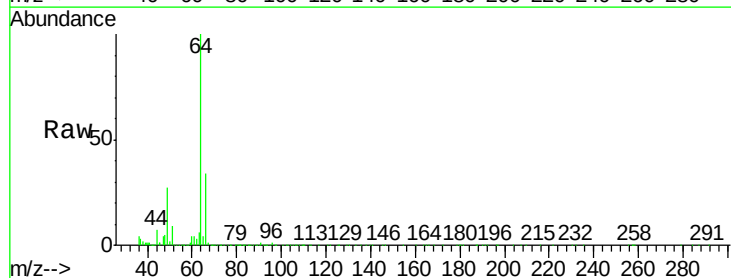
Acq: 22 Feb 2019 12:43

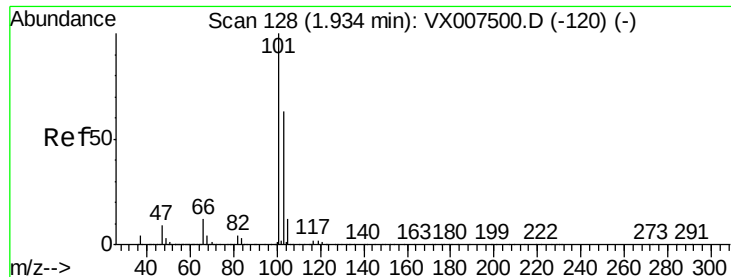
Tgt Ion: 64 Resp: 55024

Ion Ratio Lower Upper

64 100

66 33.7 23.9 35.9





#7

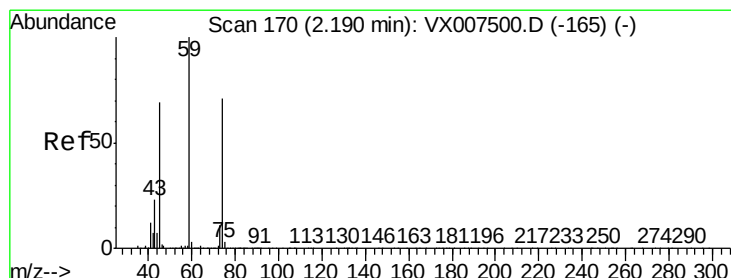
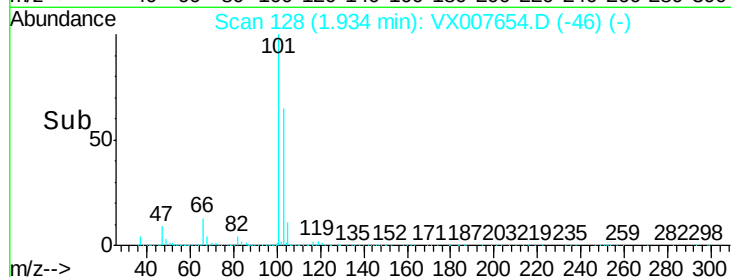
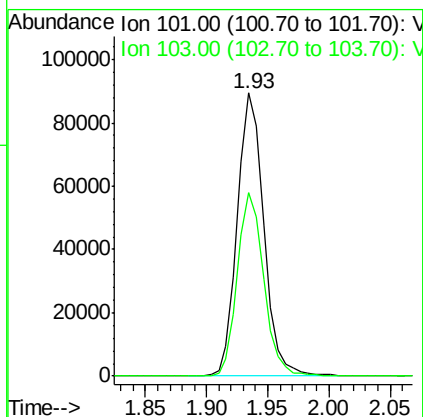
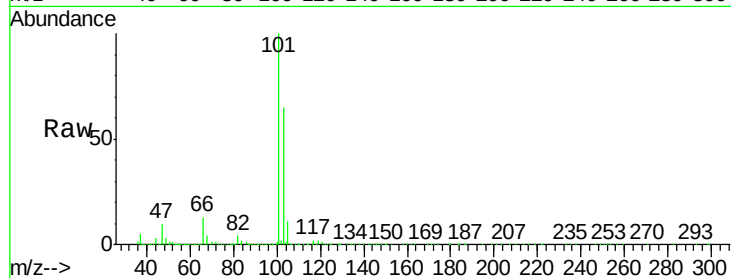
Trichlorofluoromethane
Concen: 19.495 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
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ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.4	75.6

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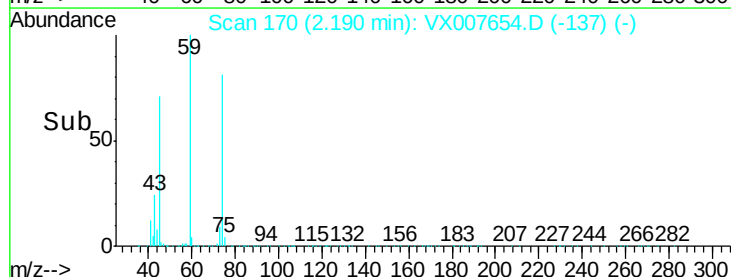
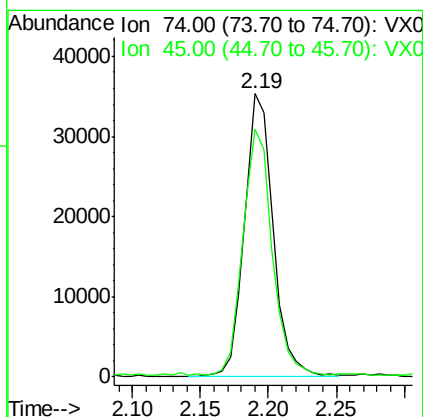
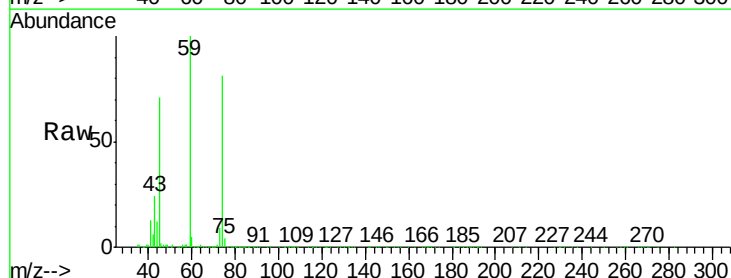
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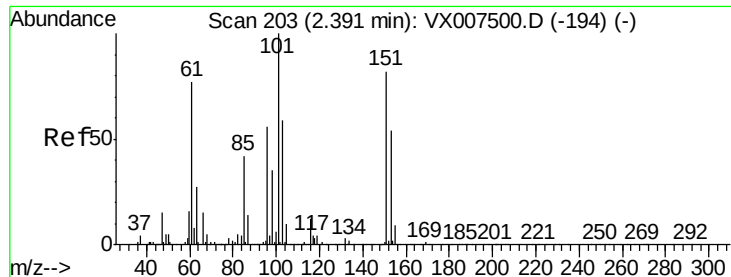


#8

Diethyl Ether
Concen: 19.077 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.6	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.052 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

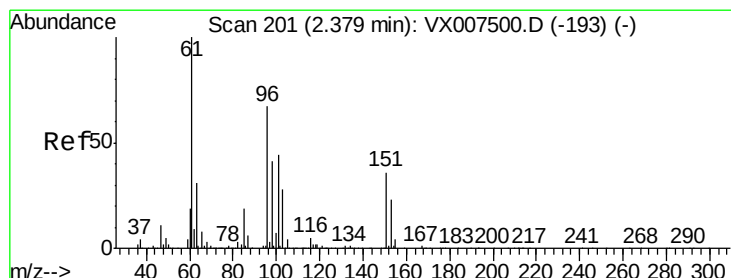
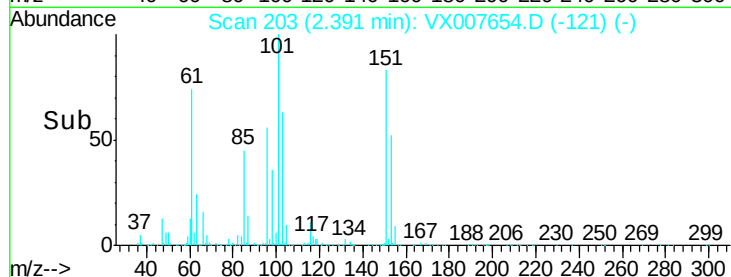
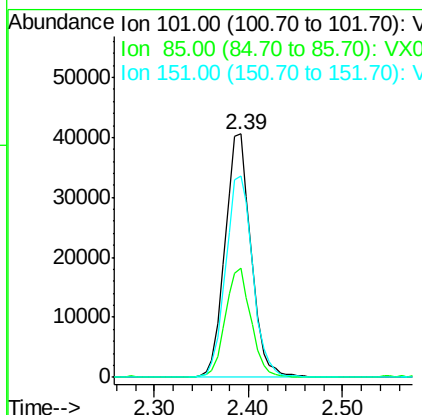
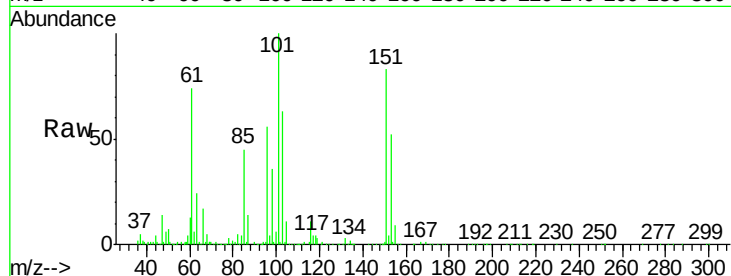
ClientSampleId :

VX0222WBSD01

Tot Ion:	101	Resp:	77951
Ion Ratio	Lower	Upper	
101	100		
85	44.3	0.0	86.8
151	85.6	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 19.436 ug/l

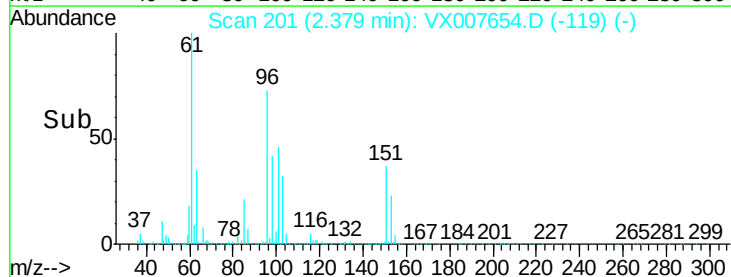
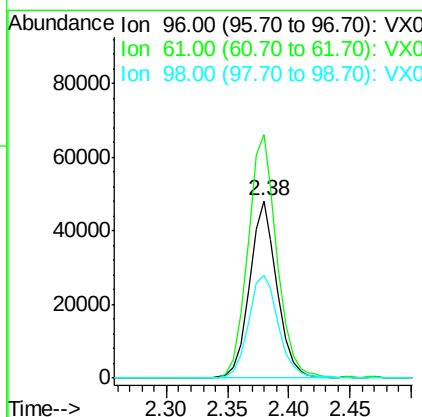
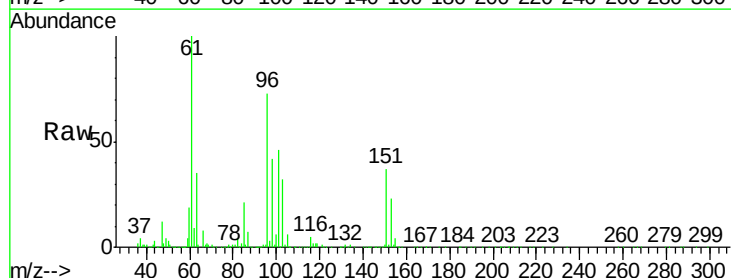
RT: 2.38 min Scan# 201

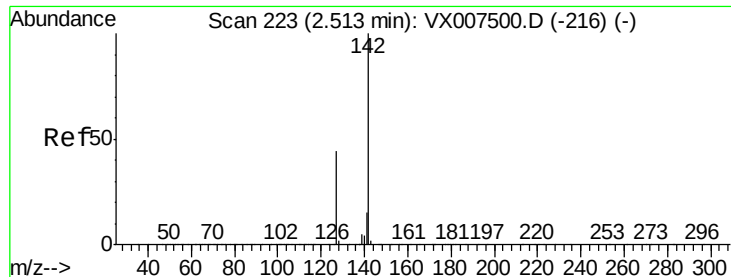
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	96	Resp:	74975
Ion Ratio	Lower	Upper	
96	100		
61	136.9	120.2	180.2
98	57.8	49.0	73.4





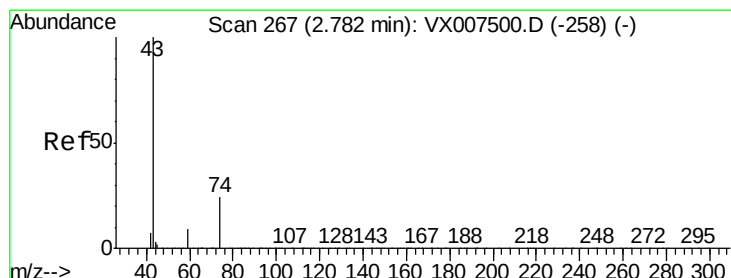
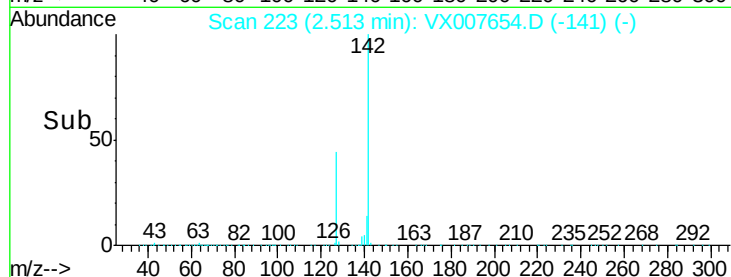
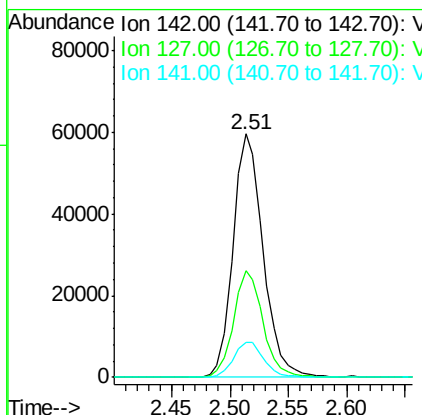
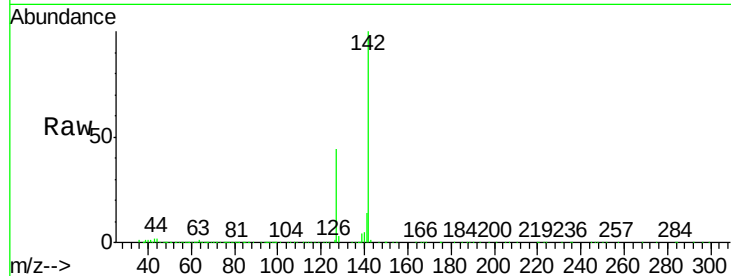
#11
Methvl Iodide
Concen: 19.314 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Resp Lower	Upper
142	100		
127	43.5	22.1	66.5
141	14.3	7.4	22.3

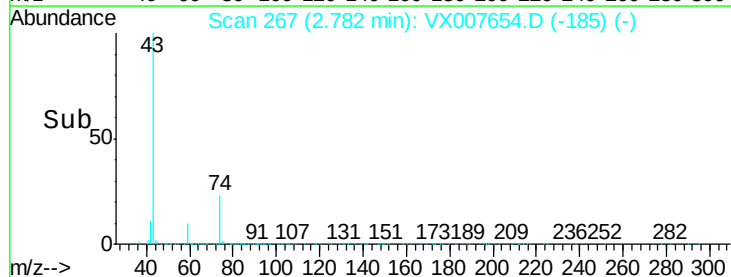
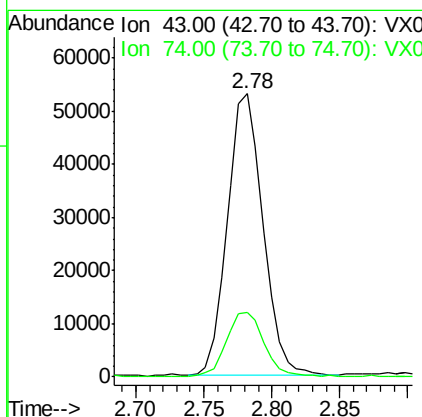
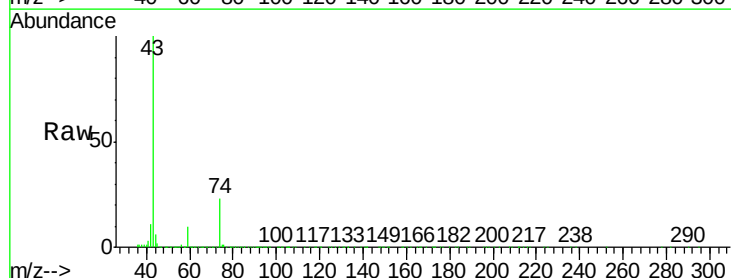
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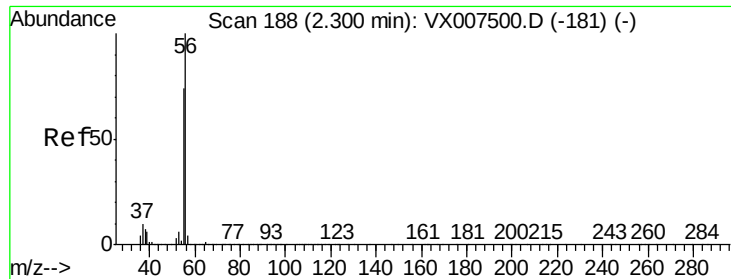
MMDadoda
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#12
Methyl Acetate
Concen: 18.040 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
74	22.6	19.4	29.0





#13

Acrolein

Concen: 68.296 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 56 Resp: 63377

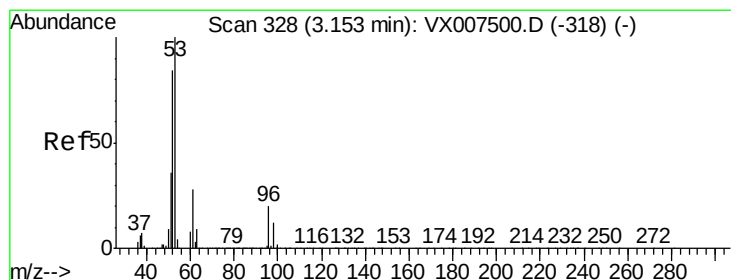
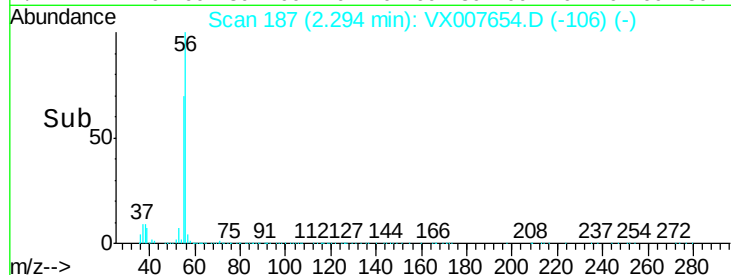
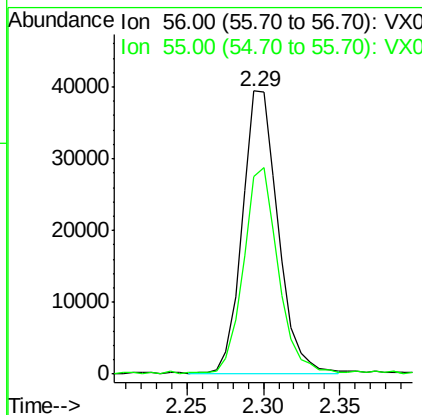
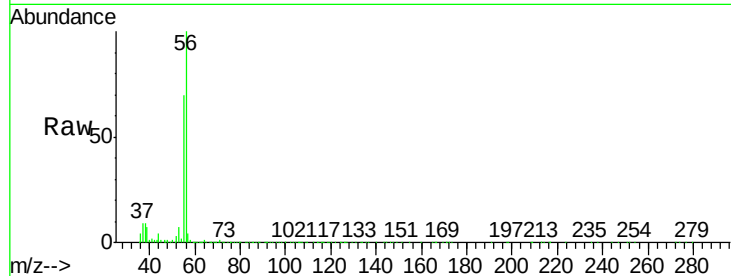
Ion Ratio Lower Upper

56 100

55 71.2 58.6 87.8

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#14

Acrylonitrile

Concen: 93.182 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

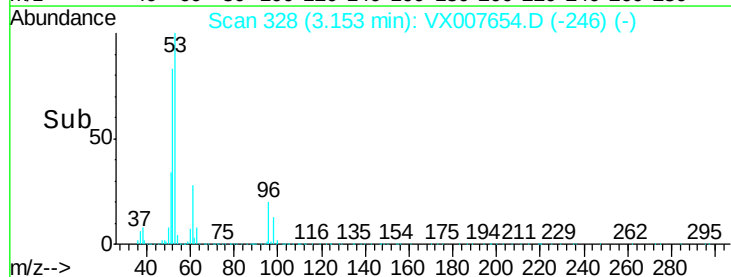
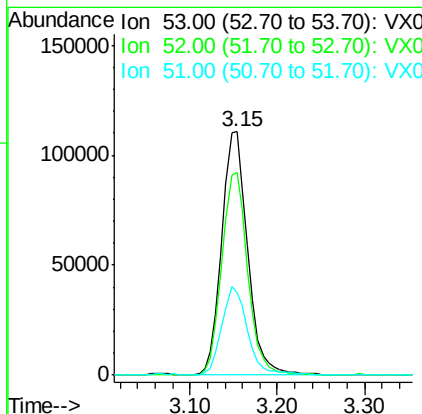
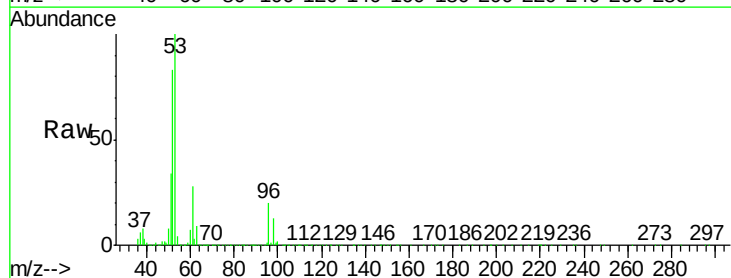
Tgt Ion: 53 Resp: 228404

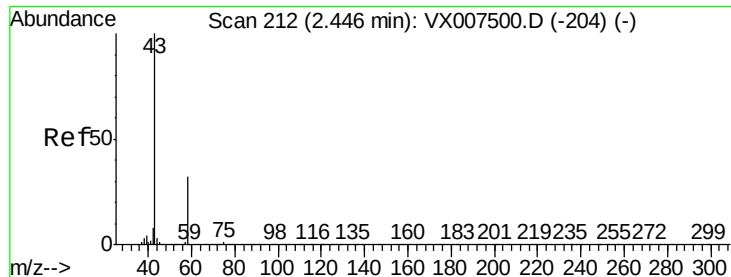
Ion Ratio Lower Upper

53 100

52 82.6 41.3 124.1

51 35.2 17.5 52.6





#15

Acetone

Concen: 95.127 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 58 Resp: 63280

Ion Ratio Lower Upper

58 100

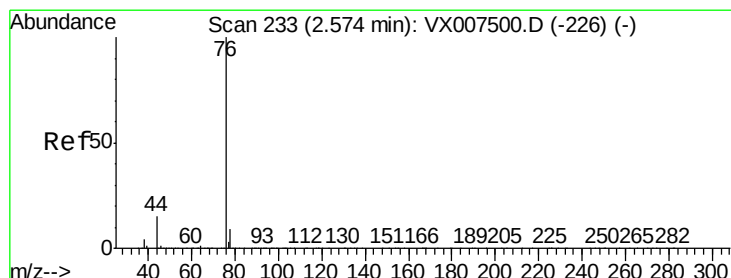
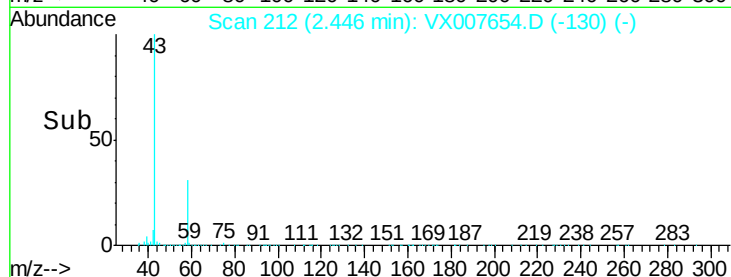
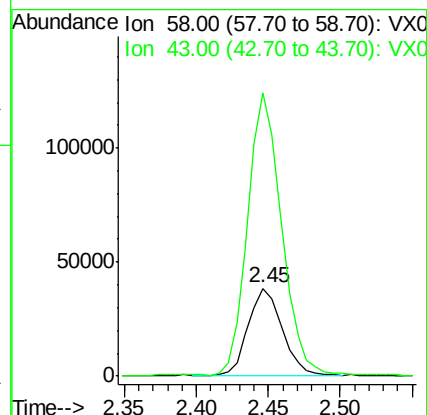
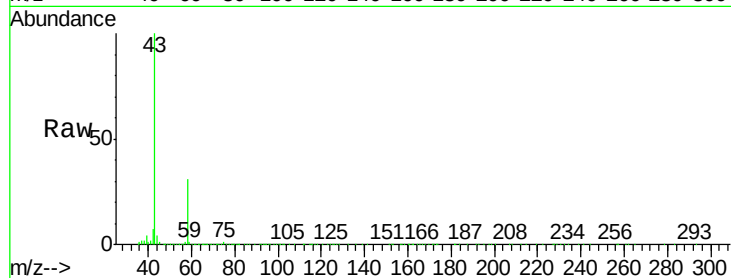
43 320.7 249.8 374.6

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#16

Carbon Disulfide

Concen: 18.756 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007654.D

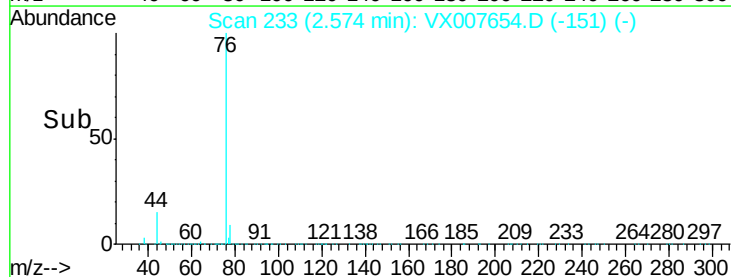
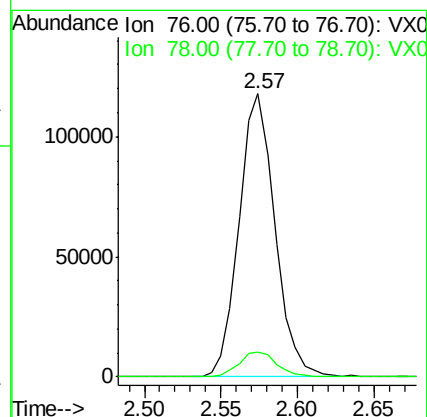
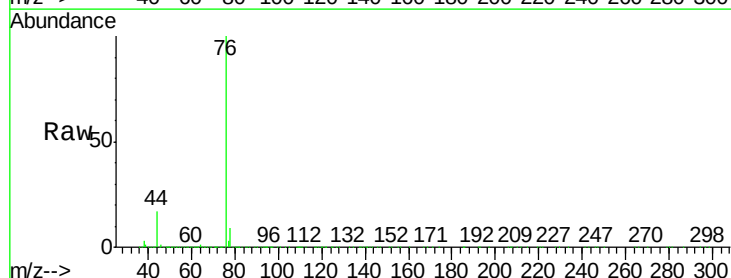
Acq: 22 Feb 2019 12:43

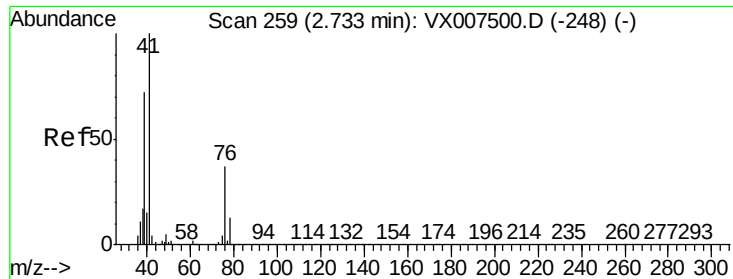
Tgt Ion: 76 Resp: 191861

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





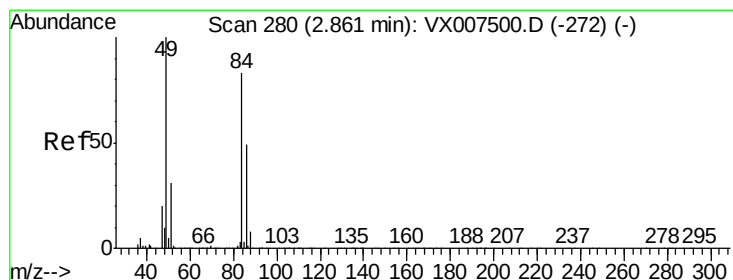
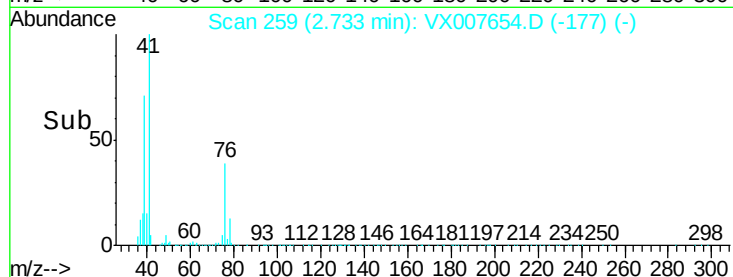
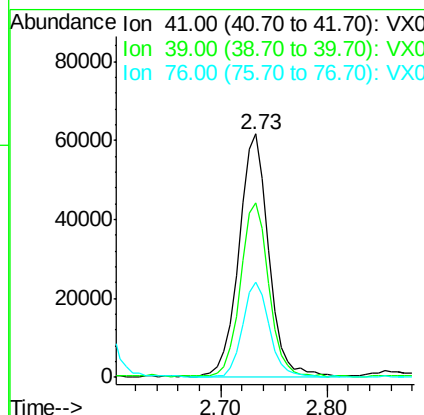
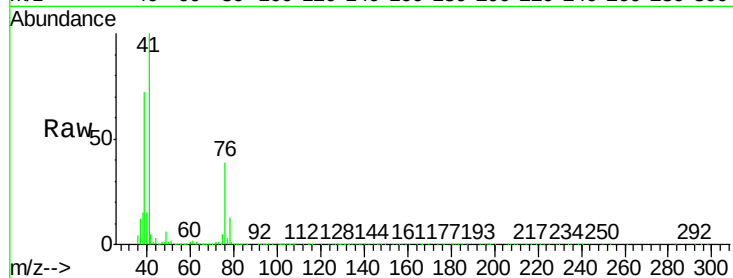
#17
Allvl chloride
Concen: 18.252 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.5	35.8	107.4
76	39.3	18.3	54.9

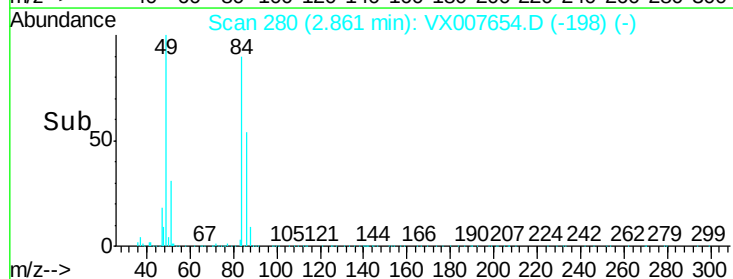
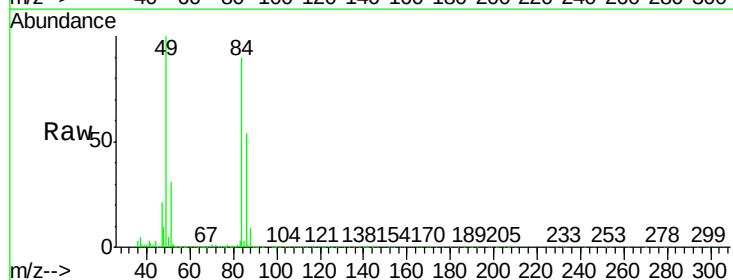
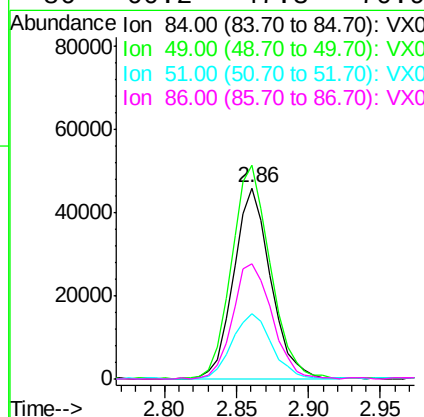
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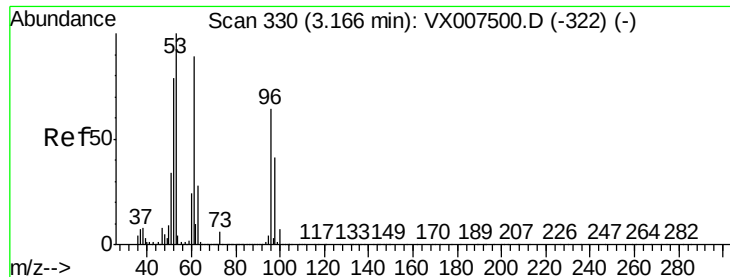
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#18
Methylene Chloride
Concen: 19.045 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	96.1	144.1
51	34.2	29.1	43.7
86	60.2	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.227 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

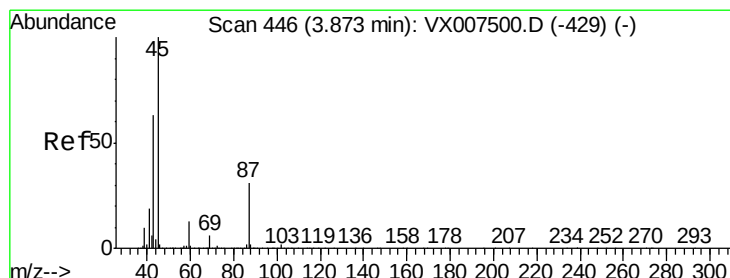
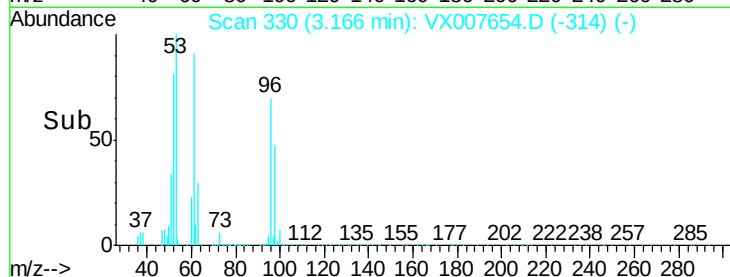
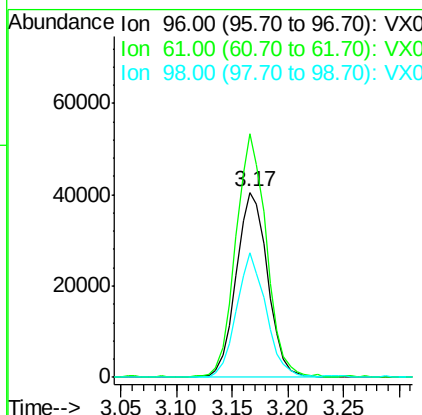
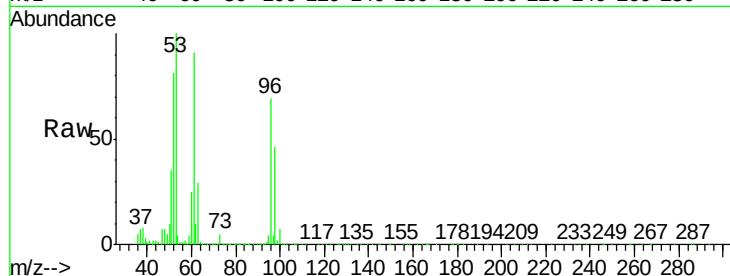
ClientSampleId :

VX0222WBSD01

Tot Ion:	96	Resp:	79329
Ion	Ratio	Lower	Upper
96	100		
61	131.1	109.9	164.9
98	67.2	50.4	75.6

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#20

Diisopropyl ether

Concen: 19.317 ug/l

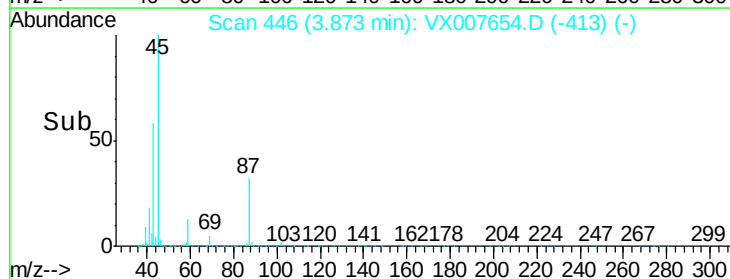
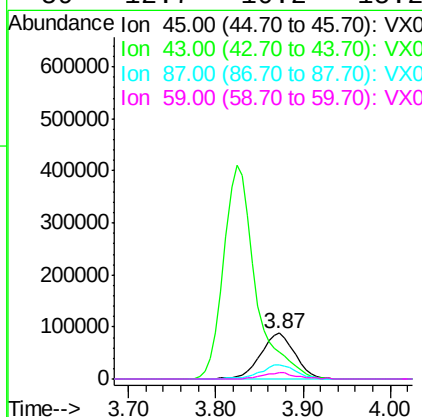
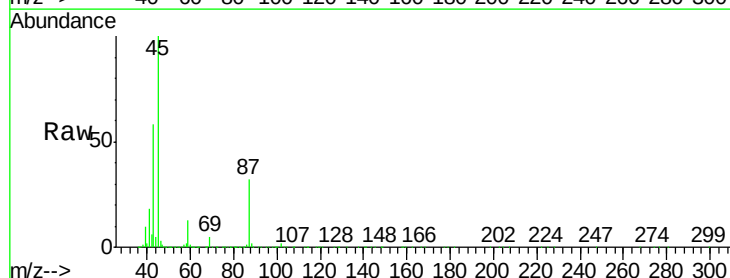
RT: 3.87 min Scan# 446

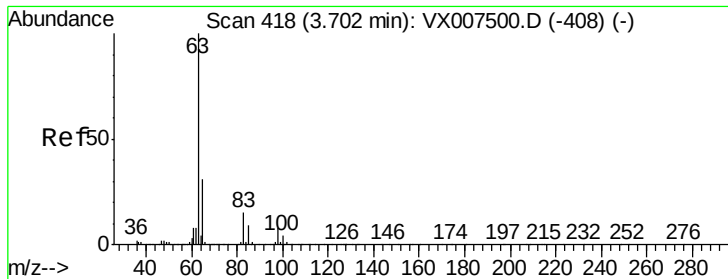
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	45	Resp:	241273
Ion	Ratio	Lower	Upper
45	100		
43	57.9	50.6	76.0
87	32.3	24.5	36.7
59	12.7	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.591 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

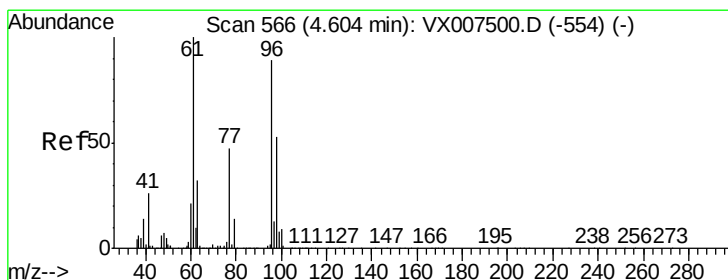
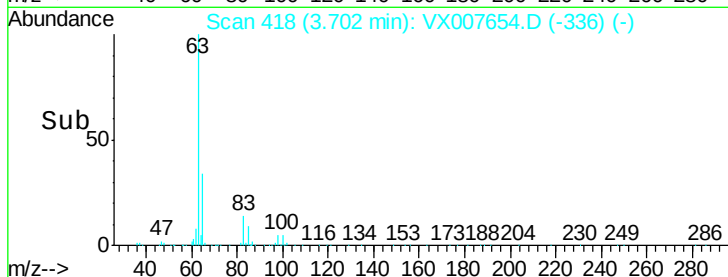
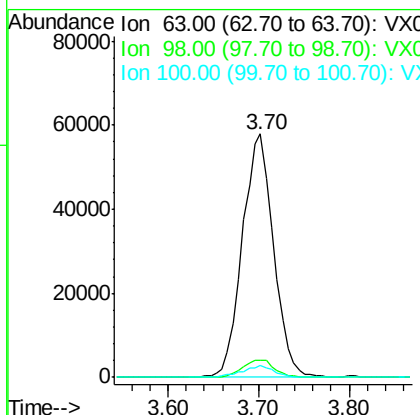
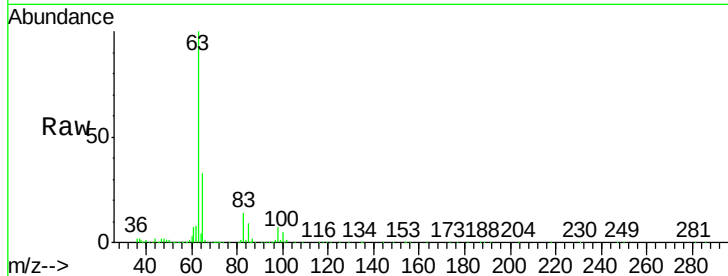
ClientSampleId :

VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	137186		
98	7.1	3.8	11.4	
100	5.1	2.4	7.1	

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#22

cis-1,2-Dichloroethene

Concen: 19.577 ug/l

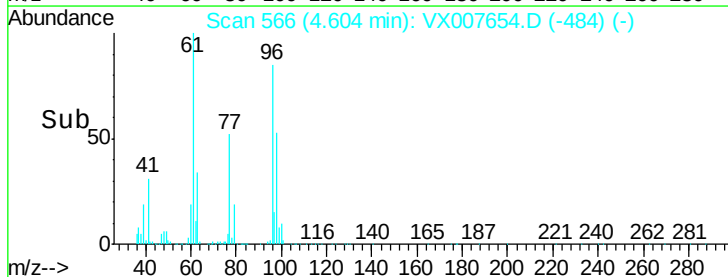
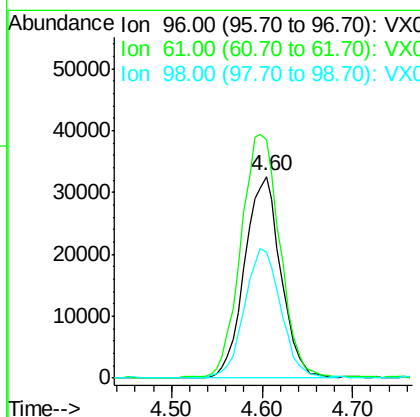
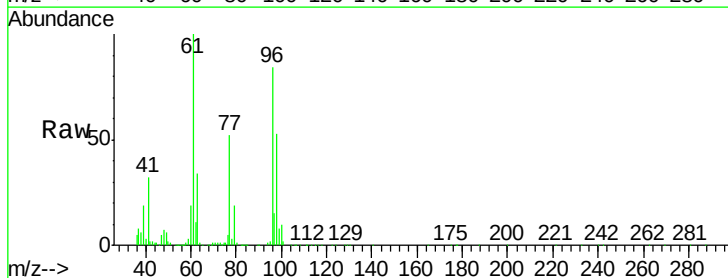
RT: 4.60 min Scan# 566

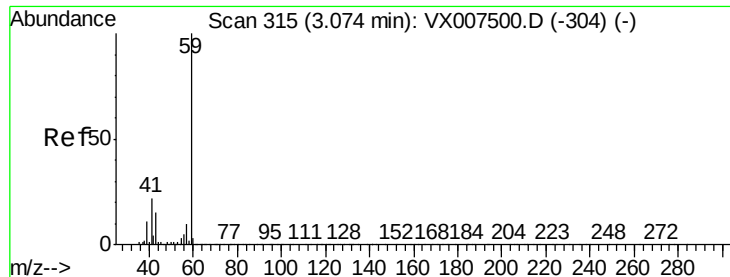
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	89890		
61	131.0	103.5	155.3	
98	64.6	52.1	78.1	





#23

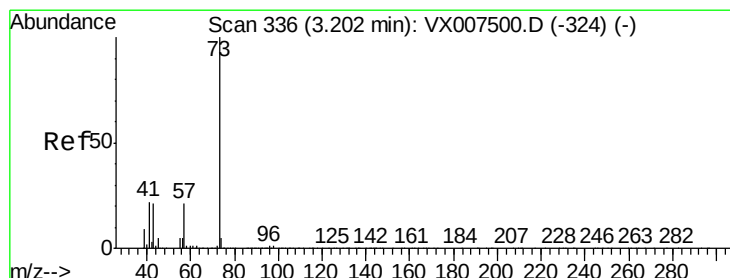
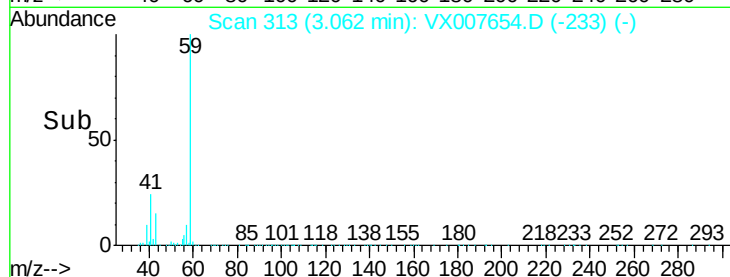
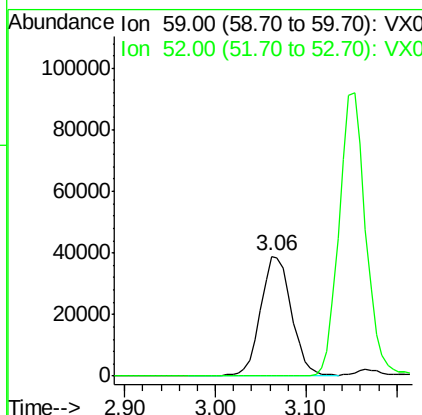
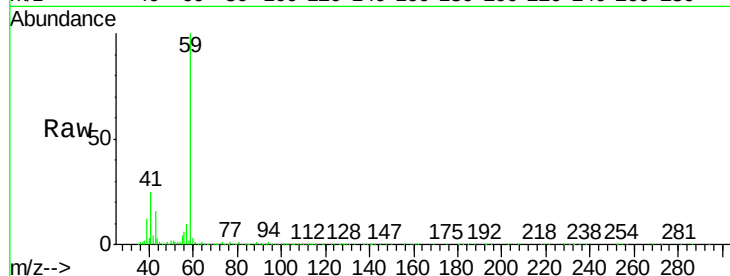
tert-Butyl Alcohol
Concen: 89.557 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.6	0.2	0.2#

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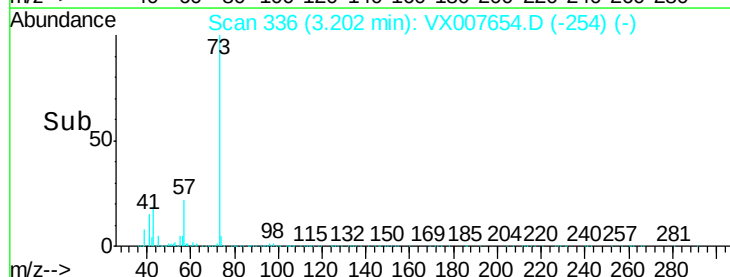
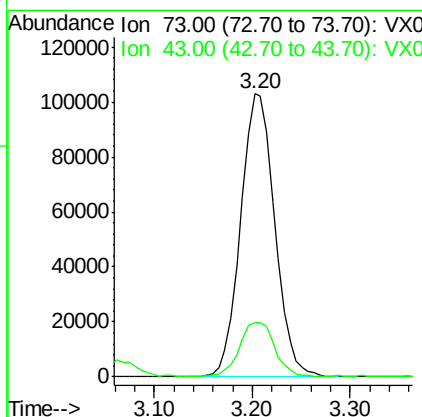
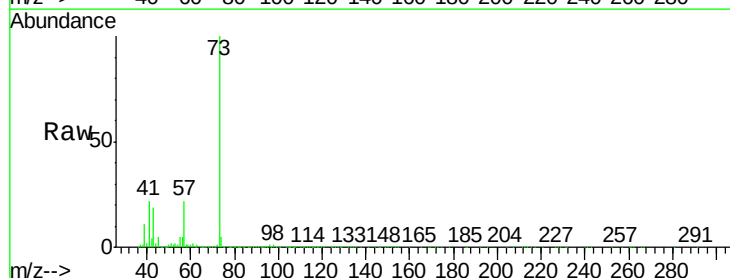
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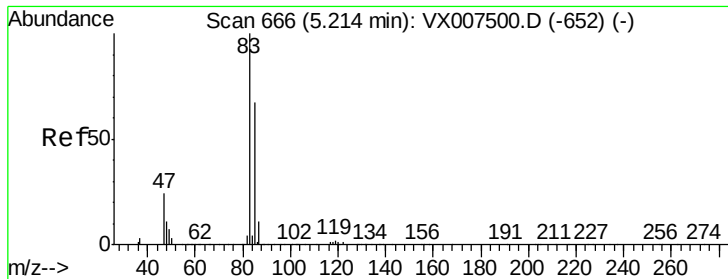


#24

Methyl tert-Butyl Ether
Concen: 18.622 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.6	17.1	25.7





#25

Chloroform

Concen: 19.898 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 83 Resp: 147155

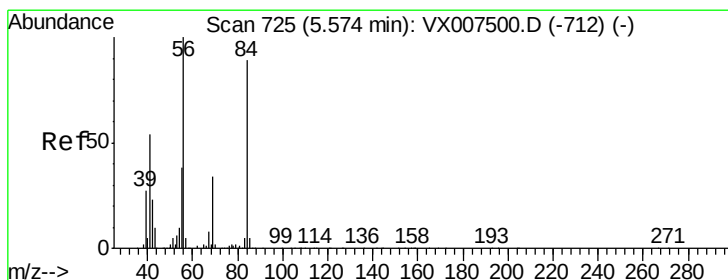
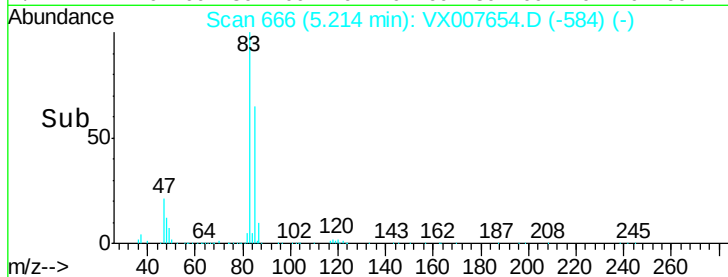
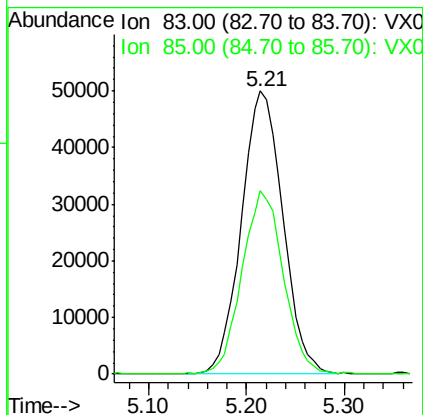
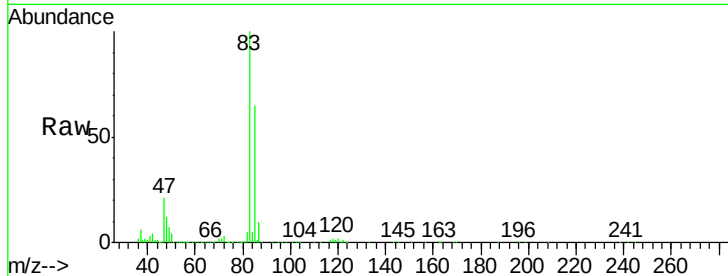
Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.6

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#26

Cyclohexane

Concen: 20.071 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

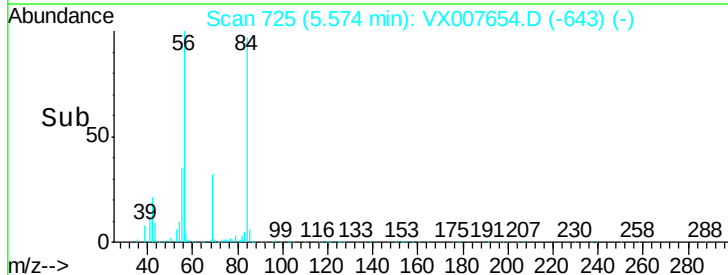
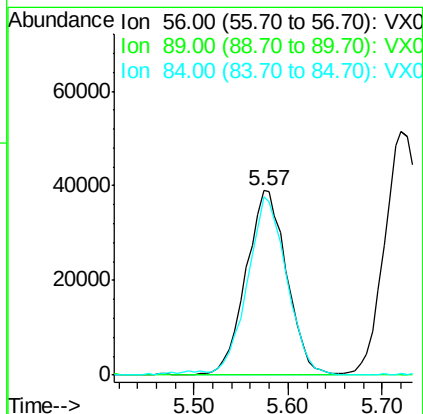
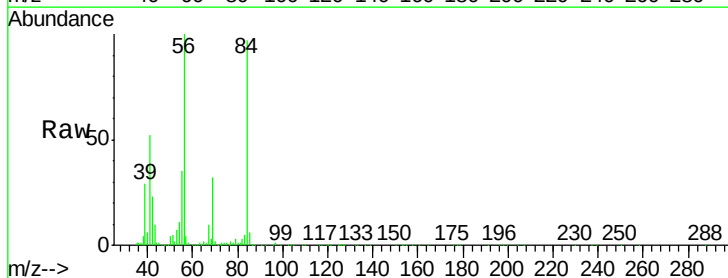
Tgt Ion: 56 Resp: 117853

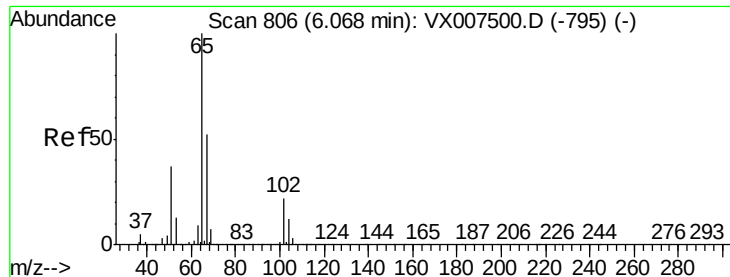
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 91.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.128 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 65 Resp: 136842

Ion Ratio Lower Upper

65 100

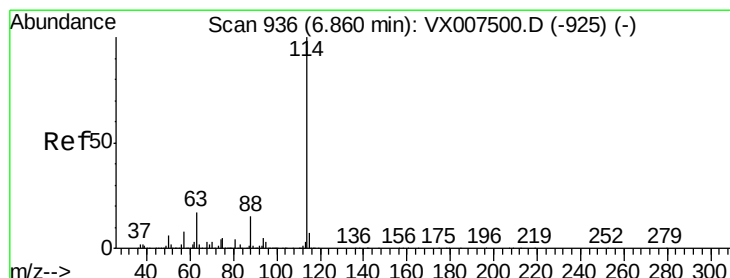
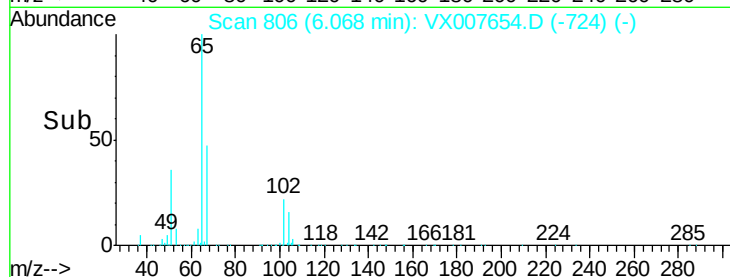
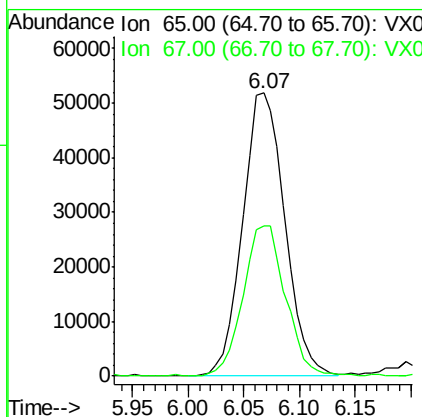
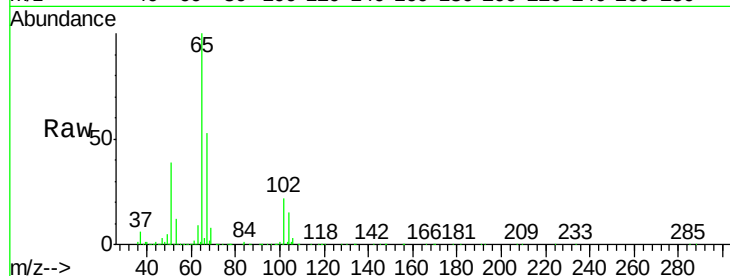
67 53.1 42.9 64.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

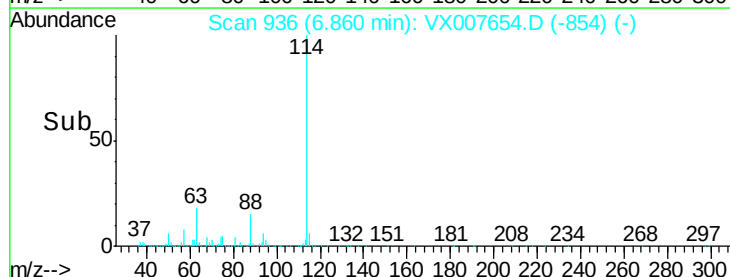
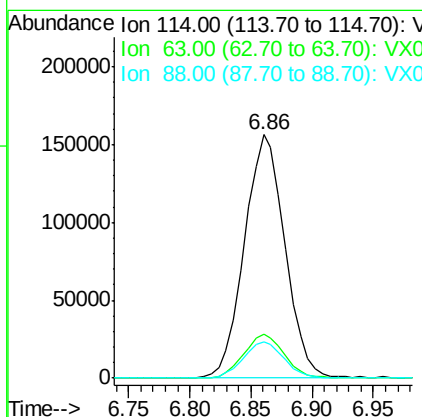
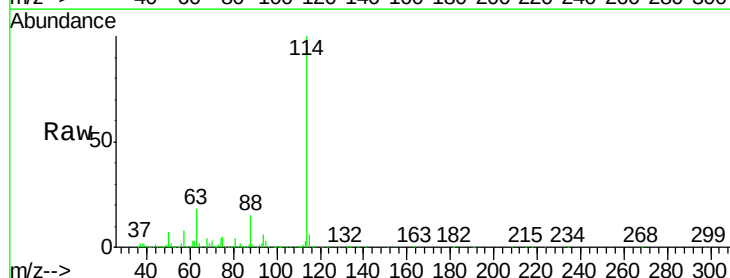
Tgt Ion: 114 Resp: 360505

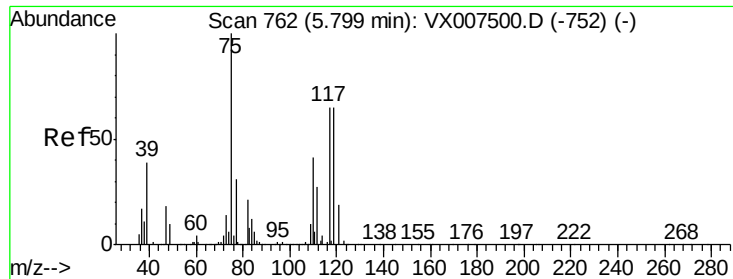
Ion Ratio Lower Upper

114 100

63 17.9 14.2 21.4

88 14.9 11.9 17.9





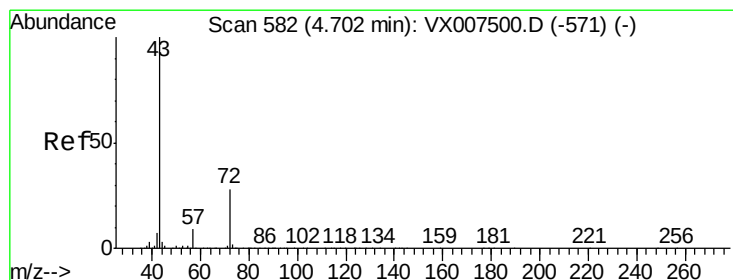
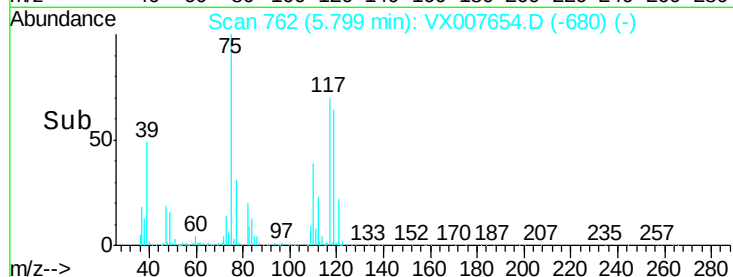
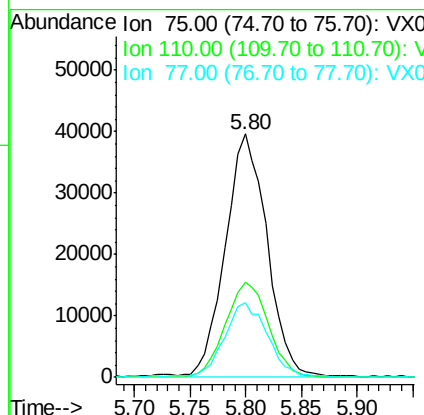
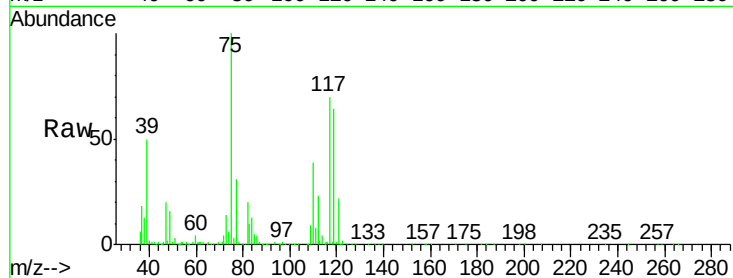
#29
 1,1-Dichloropropene
 Concen: 20.463 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	40.1	0.0	80.8
77	31.9	0.0	62.4

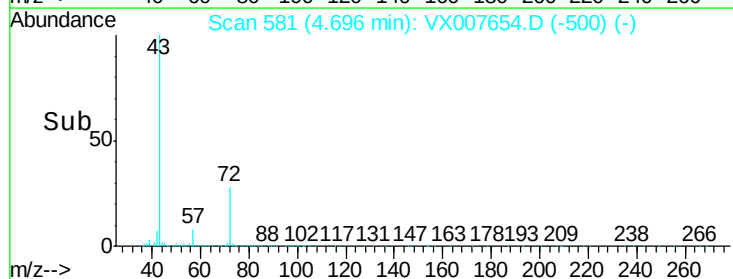
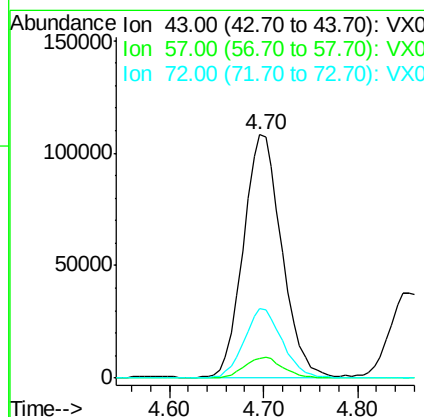
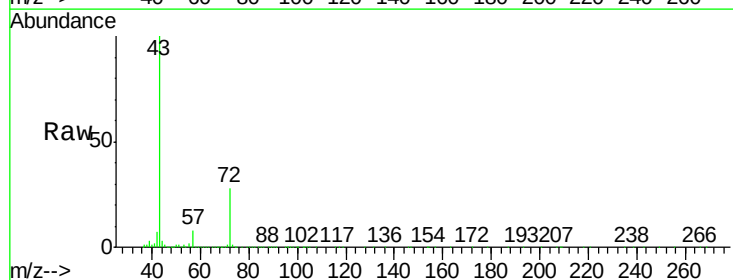
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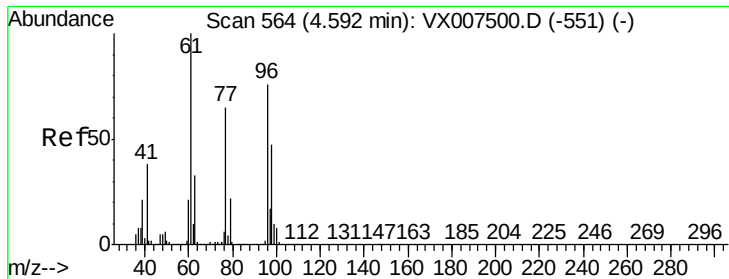
MMDadoda
 2/25/2019 9:47:27 AM



#30
 2-Butanone
 Concen: 103.392 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.6	7.0	10.6
72	27.9	21.5	32.3





#31

2,2-Dichloropropane

Concen: 23.702 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0222WBSD01

Tot Ion: 77 Resp: 96838

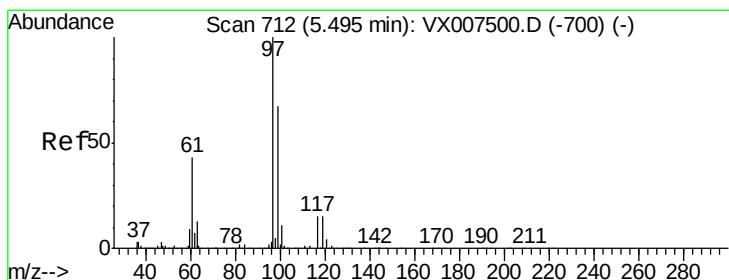
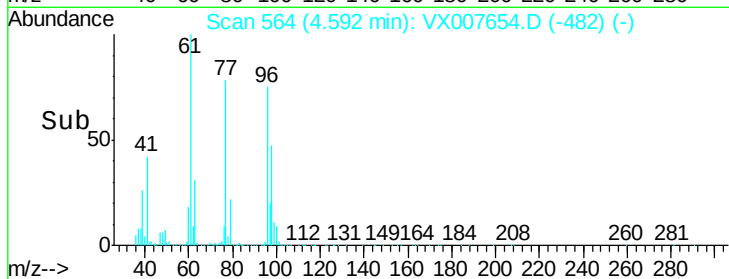
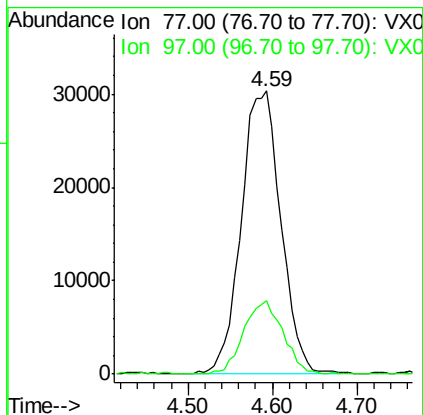
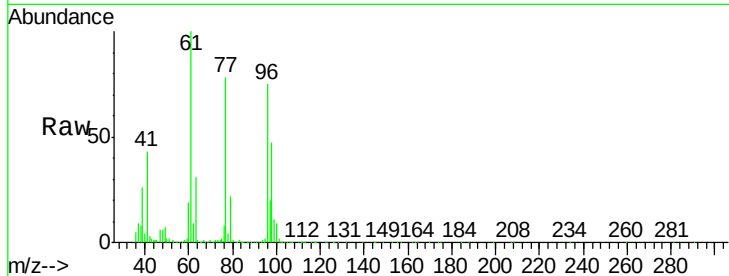
Ion Ratio Lower Upper

77 100

97 25.5 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 20.877 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

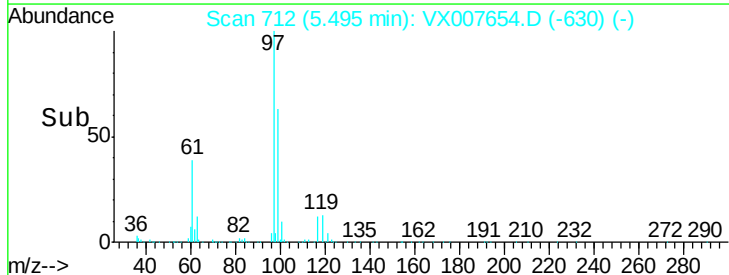
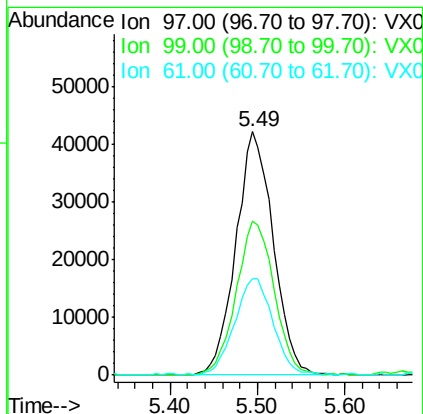
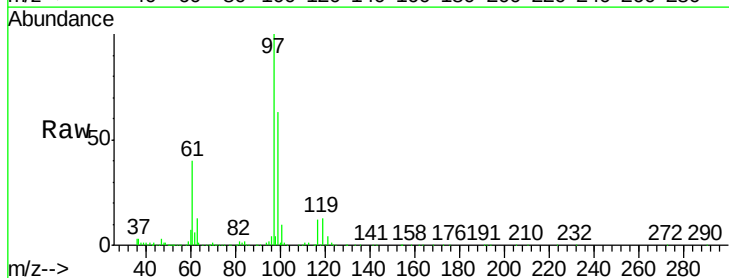
Tgt Ion: 97 Resp: 125481

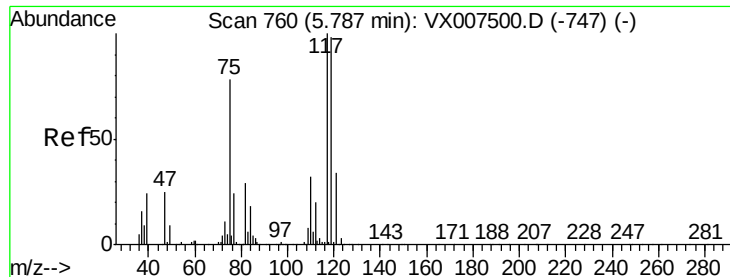
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 40.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.258 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

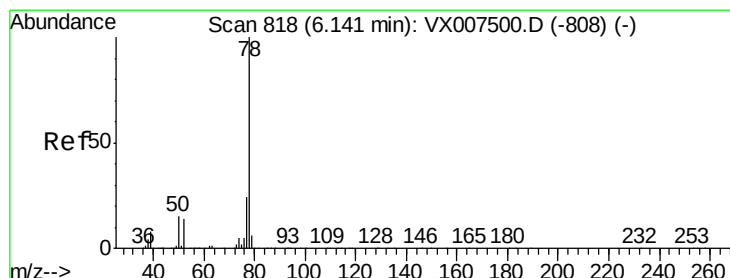
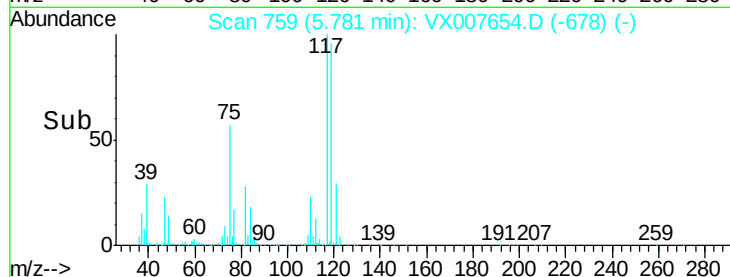
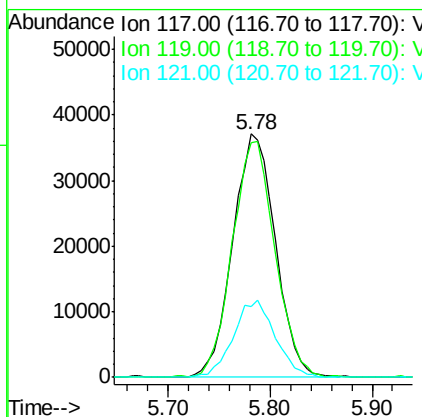
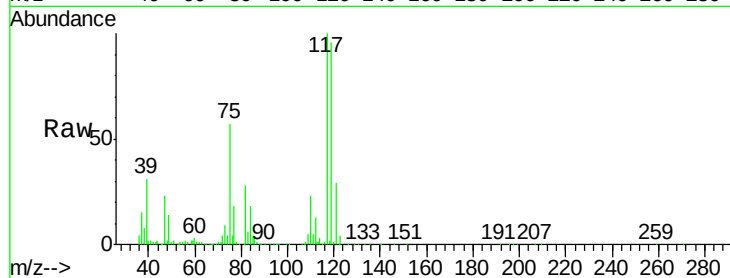
ClientSampleId :

VX0222WBSD01

Tot Ion:	117	Resp:	107638
Ion Ratio	Lower	Upper	
117	100		
119	96.0	78.1	117.1
121	29.1	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 20.170 ug/l

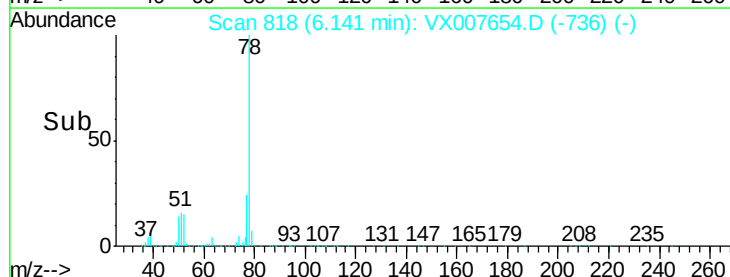
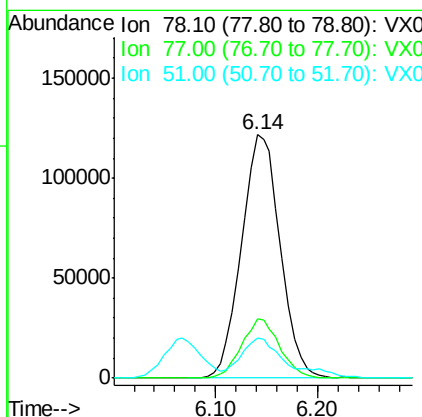
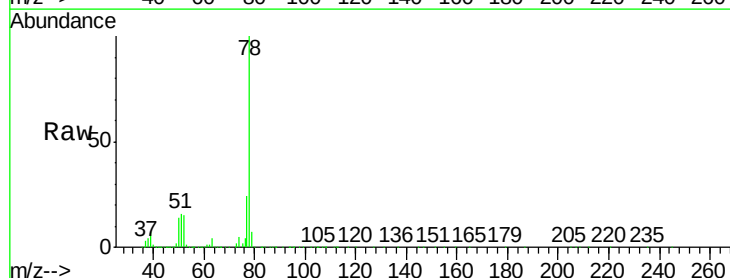
RT: 6.14 min Scan# 818

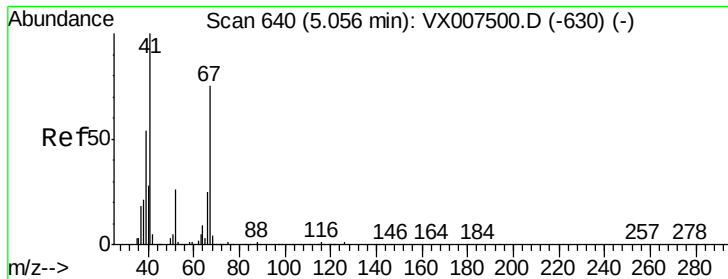
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	78	Resp:	319745
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.1	28.7
51	14.9	10.8	16.2





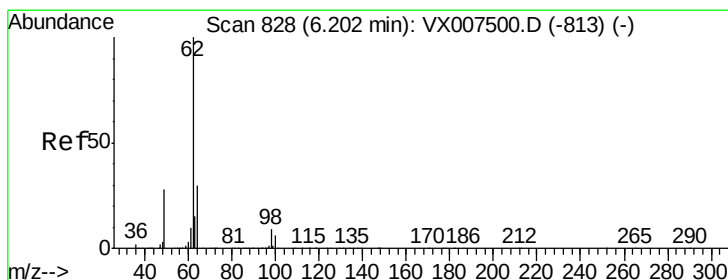
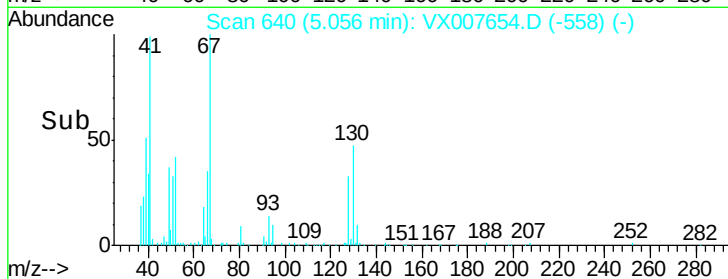
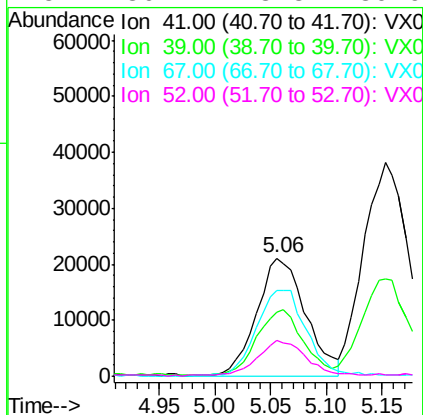
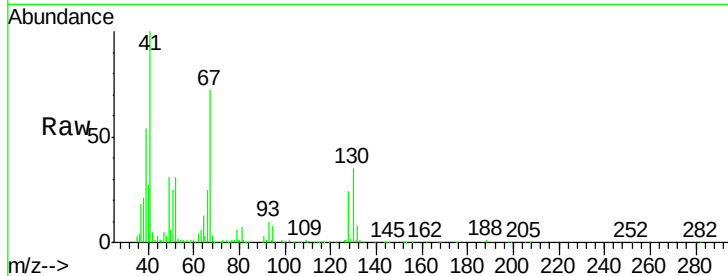
#35
Methacrylonitrile
Concen: 20.652 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	27.4	82.0	
67	72.2	37.9	113.6	
52	30.2	13.3	39.9	

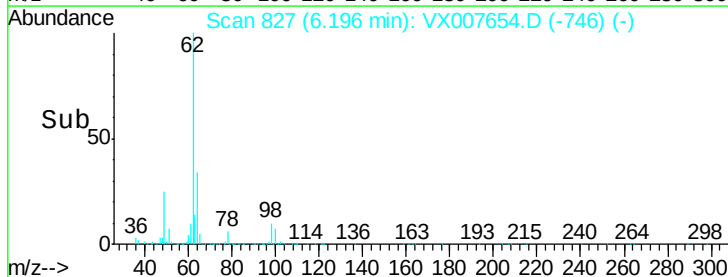
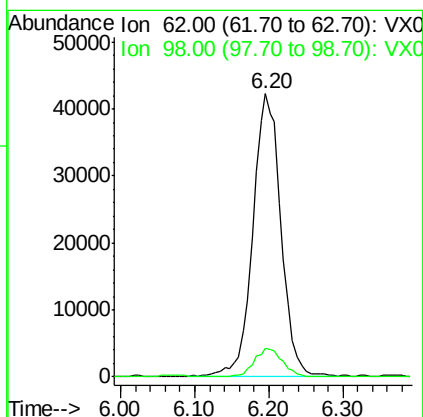
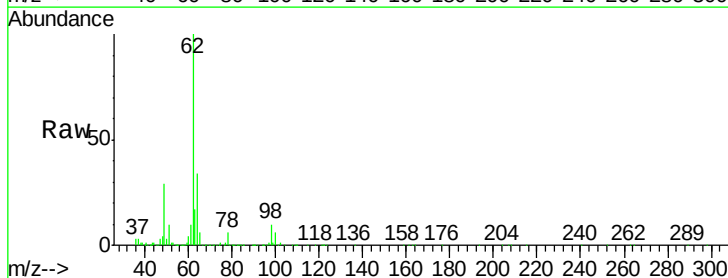
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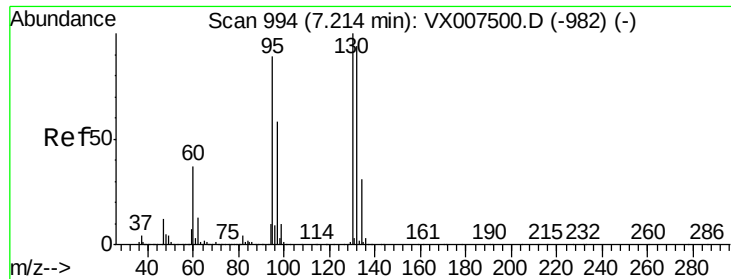
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.8	11.8	





#37

Trichloroethene

Concen: 20.876 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion:130 Resp: 95150

Ion Ratio Lower Upper

130 100

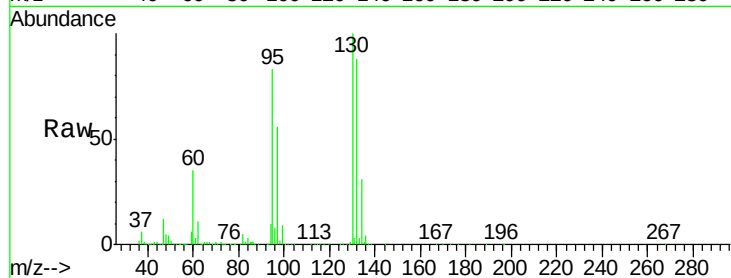
95 83.3 71.3 106.9

Manual Integrations

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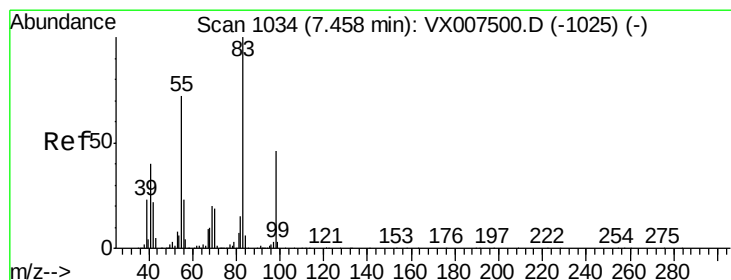
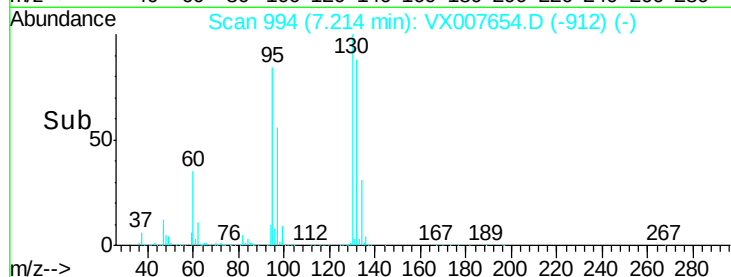
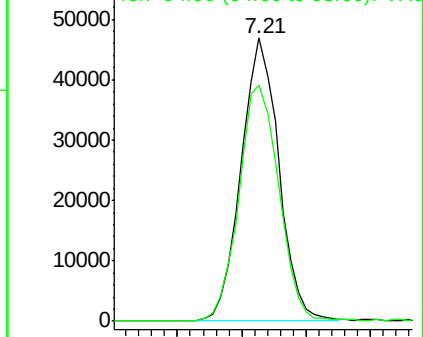
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.266 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

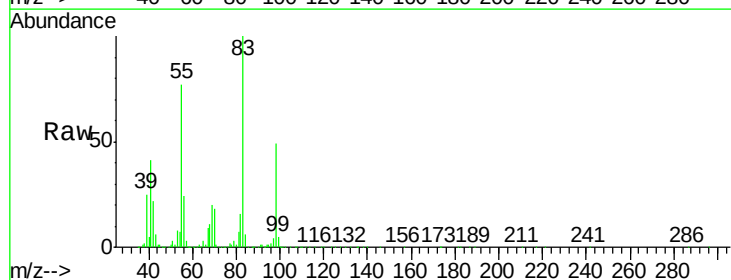
Tgt Ion: 83 Resp: 123791

Ion Ratio Lower Upper

83 100

55 72.5 36.0 108.0

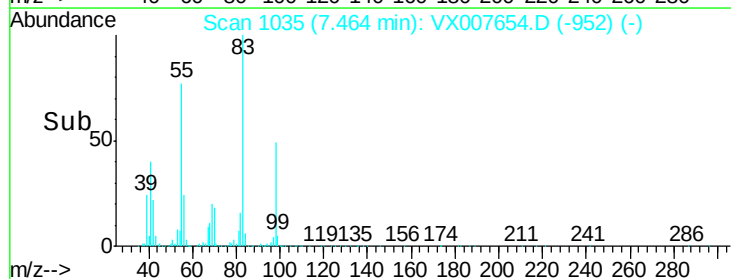
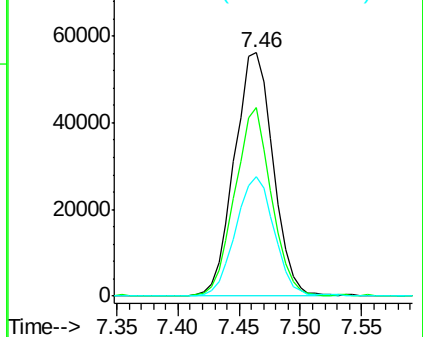
98 48.6 23.8 71.4

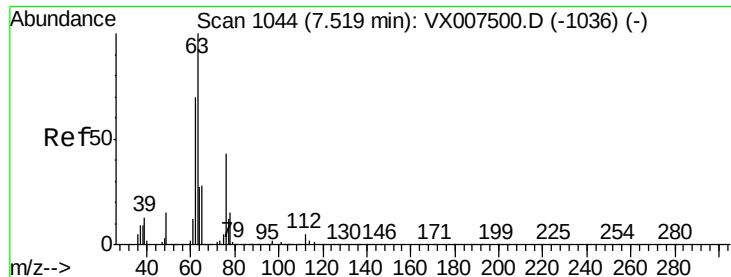


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





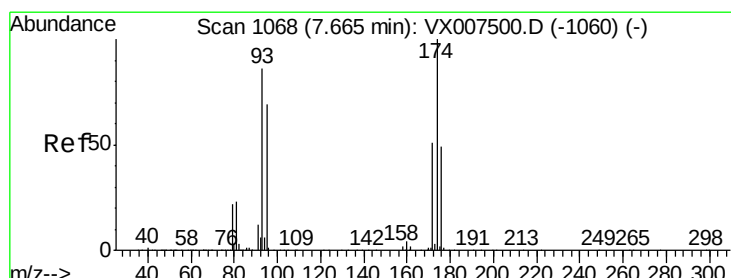
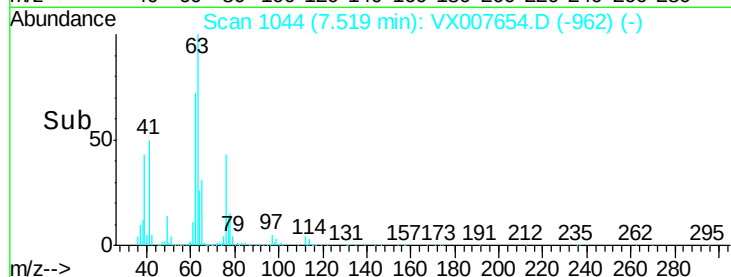
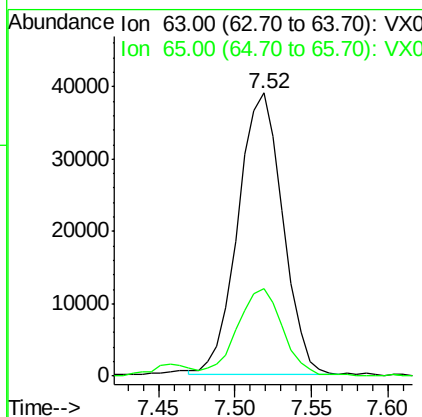
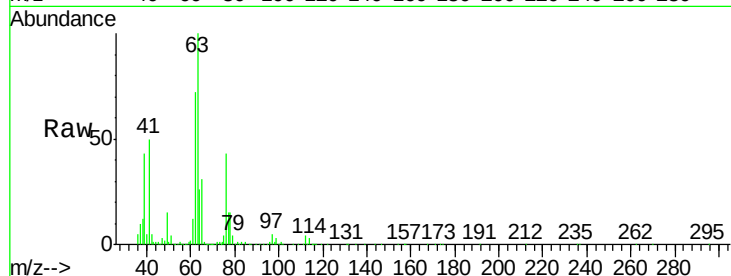
#39
 1,2-Dichloropropane
 Concen: 19.952 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion: 63 Resp: 78672
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0

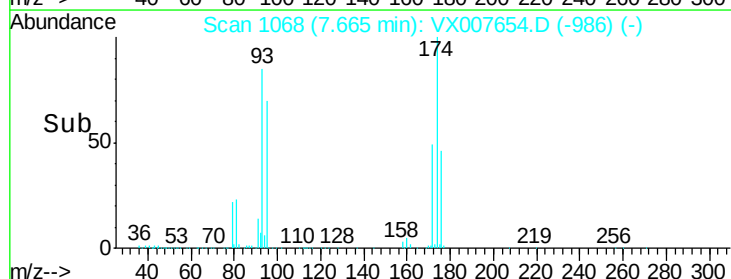
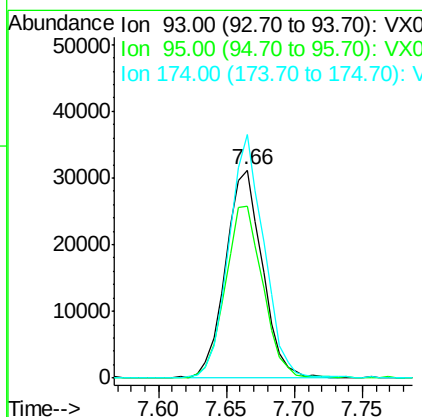
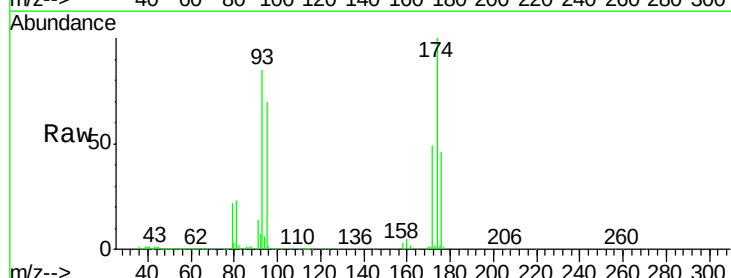
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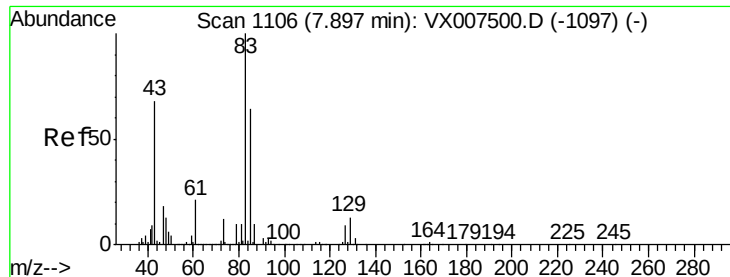
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#40
 Dibromomethane
 Concen: 20.397 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion: 93 Resp: 58087
 Ion Ratio Lower Upper
 93 100
 95 84.7 0.0 158.8
 174 112.5 0.0 224.2





#41

Bromodichloromethane

Concen: 20.236 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

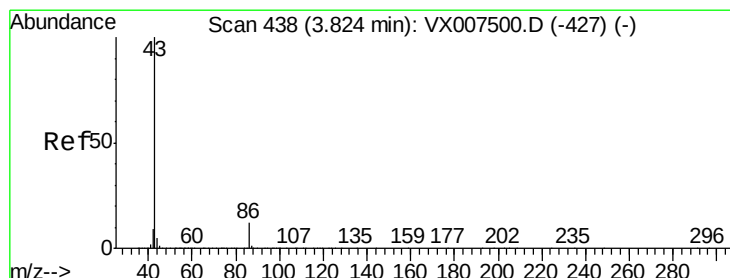
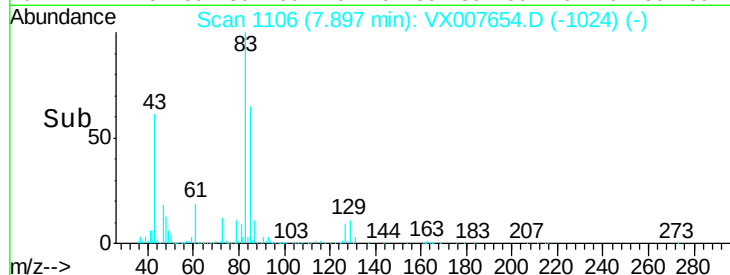
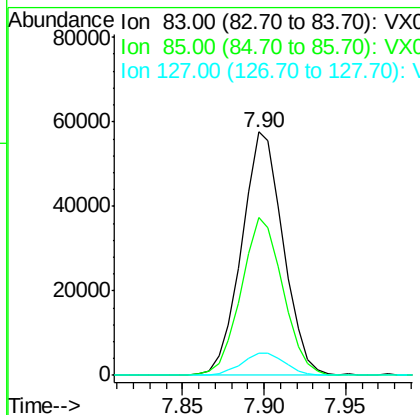
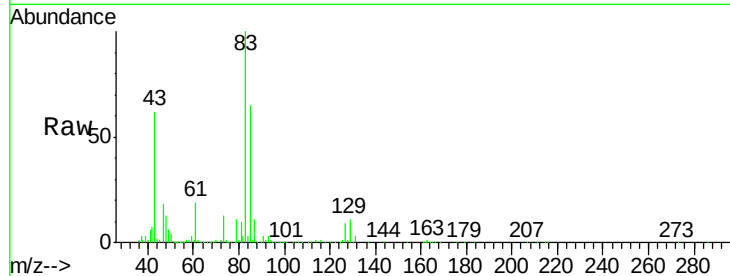
ClientSampleId :

VX0222WBSD01

Tot Ion:	83	Resp:	102271
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.1	76.7
127	9.3	7.2	10.8

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#42

Vinyl Acetate

Concen: 100.263 ug/l

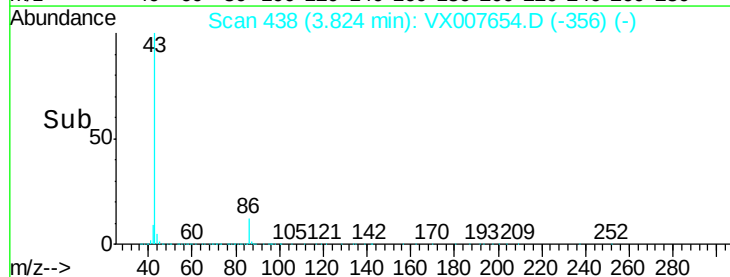
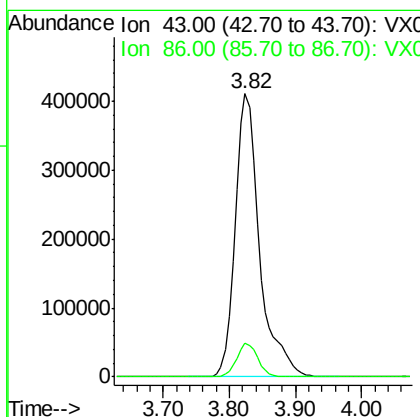
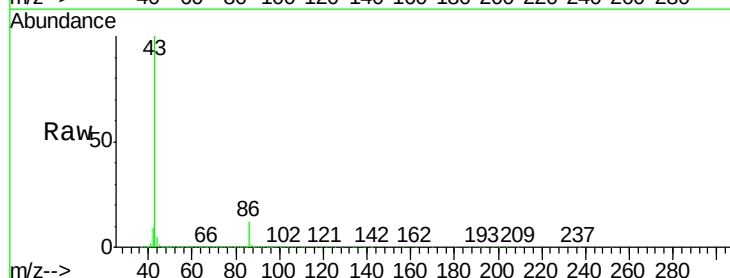
RT: 3.82 min Scan# 438

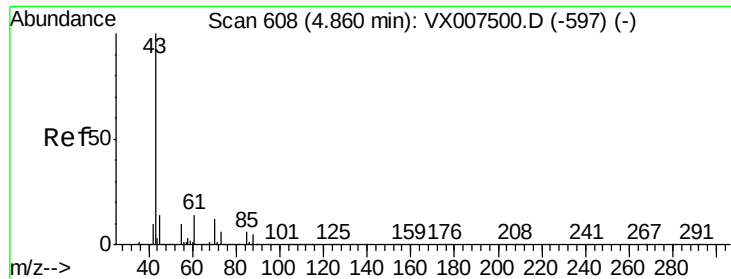
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	43	Resp:	1044385
Ion Ratio	Lower	Upper	
43	100		
86	10.4	8.2	12.2





#43

Ethyl Acetate

Concen: 20.309 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 43 Resp: 115741

Ion Ratio Lower Upper

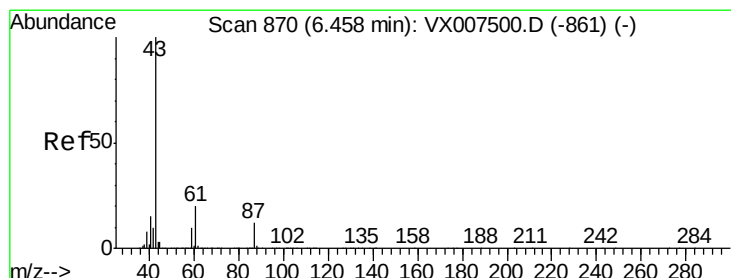
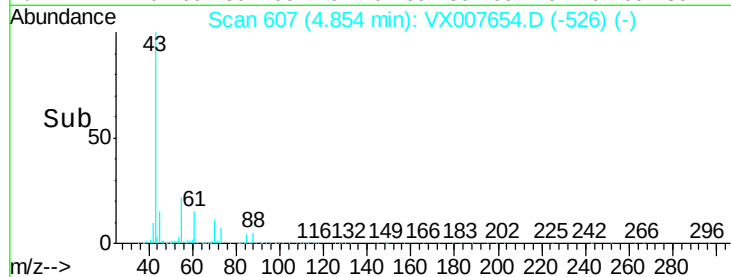
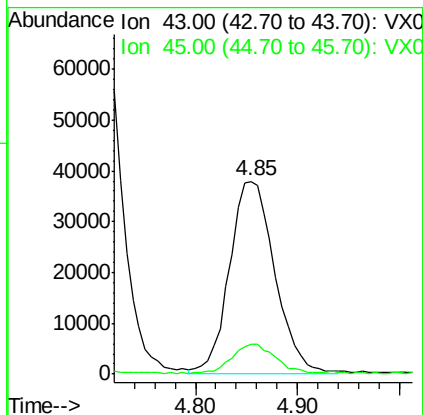
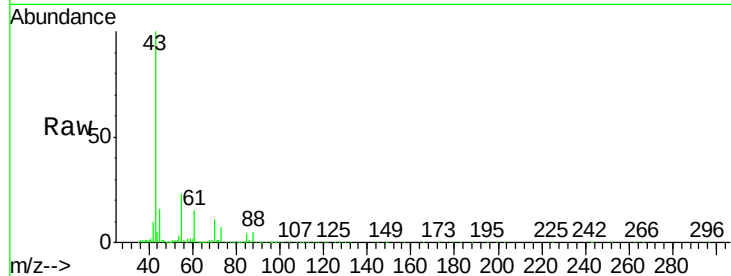
43 100

45 13.8 6.9 10.3#

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2/25/2019 9:47:27 AM



#44

Isopropyl Acetate

Concen: 19.788 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007654.D

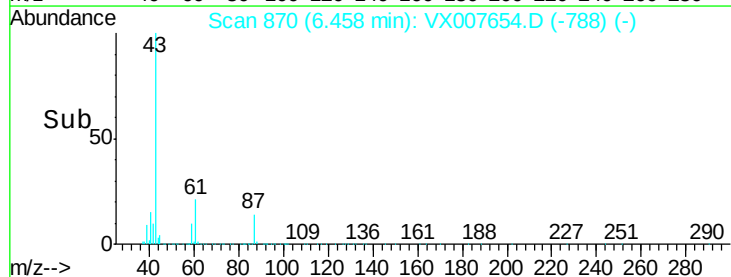
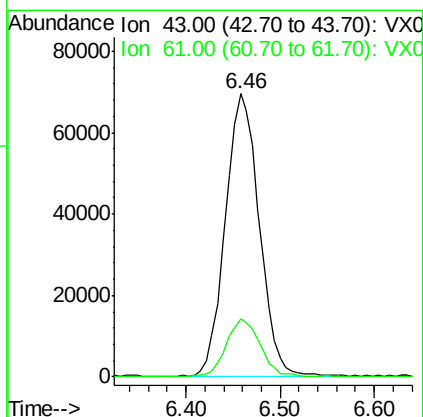
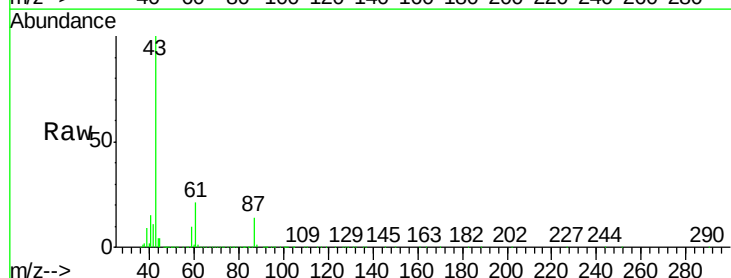
Acq: 22 Feb 2019 12:43

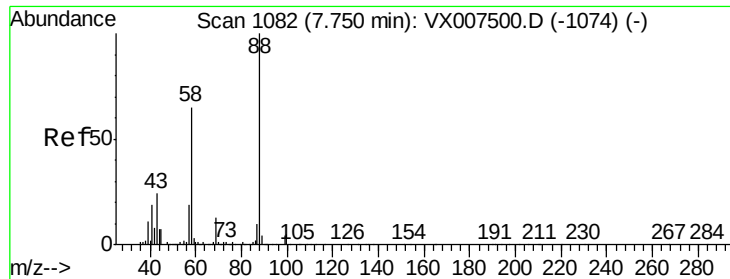
Tgt Ion: 43 Resp: 174112

Ion Ratio Lower Upper

43 100

61 20.6 16.1 24.1





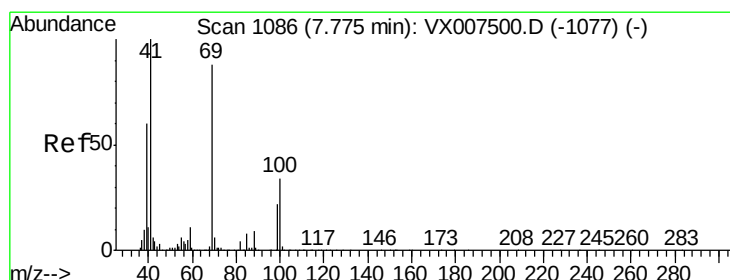
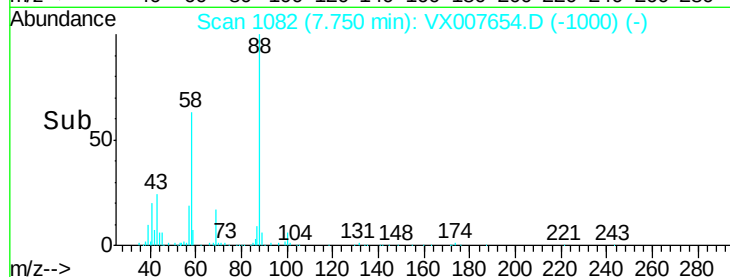
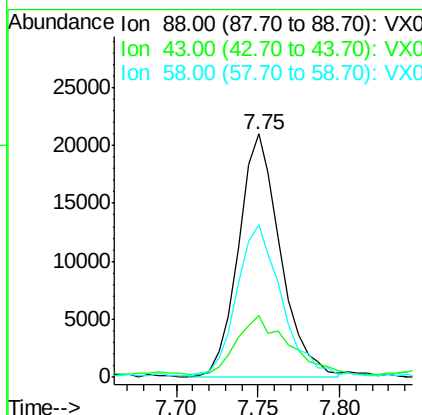
#45
 1,4-Dioxane
 Concen: 362.116 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.6	35.4
58	65.8	51.6	77.4

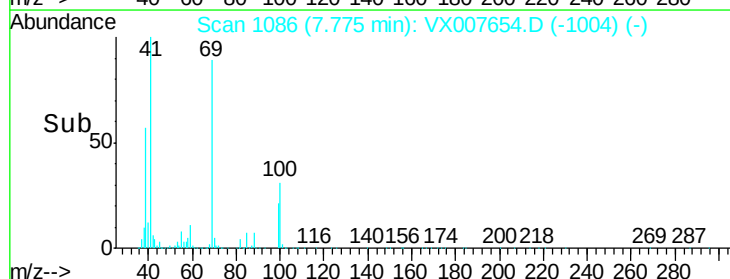
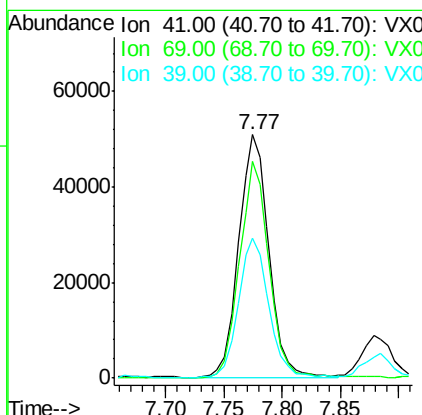
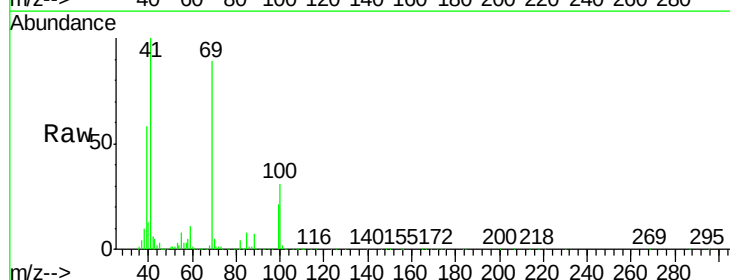
Manual Integrations
 APPROVED

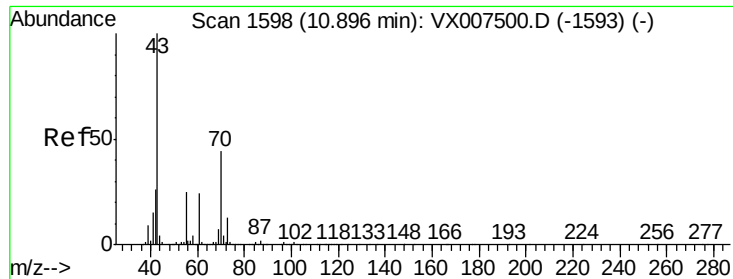
MMDadoda
 2/25/2019 9:47:27 AM



#46
 Methyl methacrylate
 Concen: 20.469 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.1	44.2	132.6
39	57.5	29.9	89.8





#47

n-amvl Acetate

Concen: 19.757 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 43 Resp: 153227

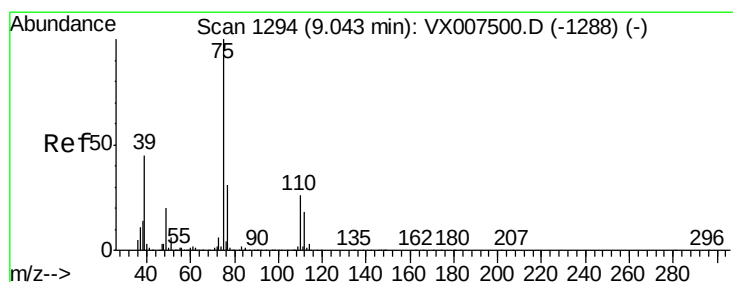
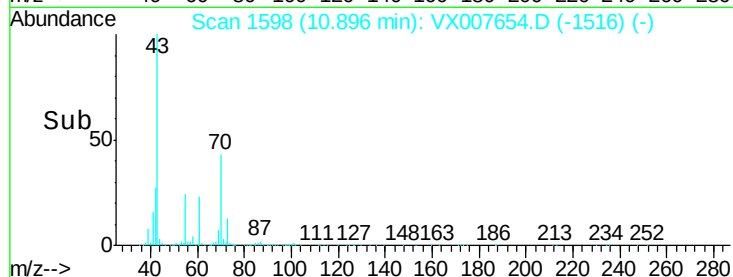
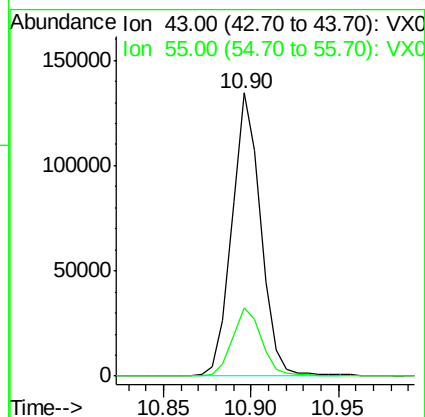
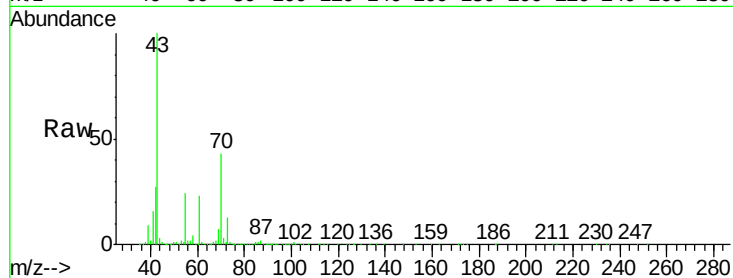
Ion Ratio Lower Upper

43 100

55 25.1 20.8 31.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 20.062 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007654.D

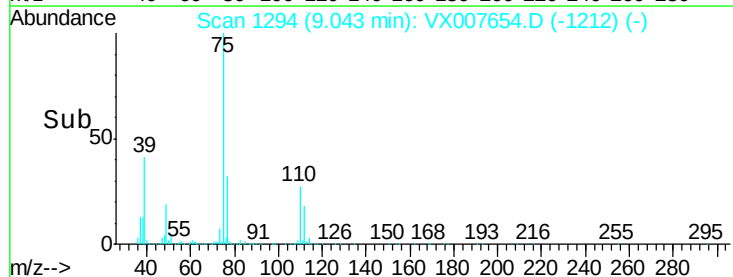
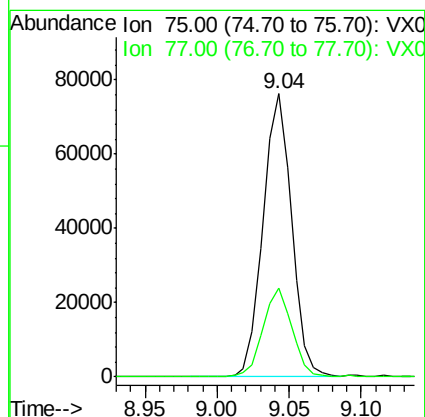
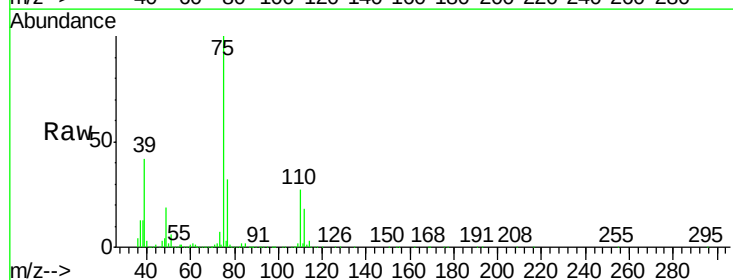
Acq: 22 Feb 2019 12:43

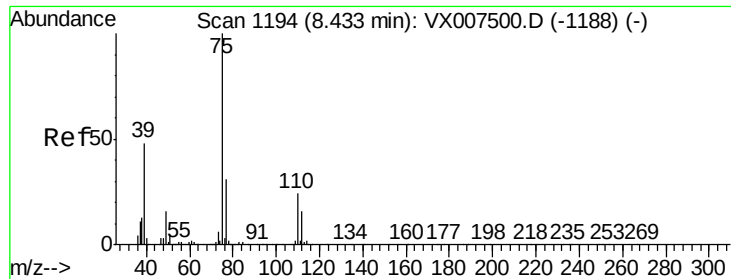
Tgt Ion: 75 Resp: 104668

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7





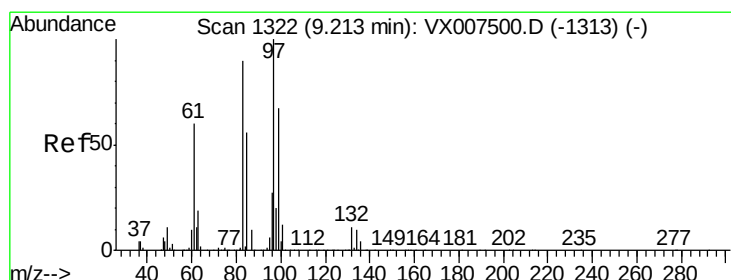
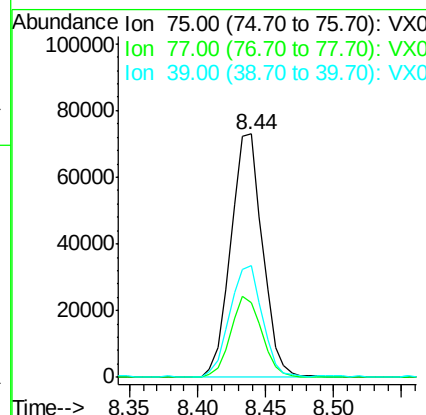
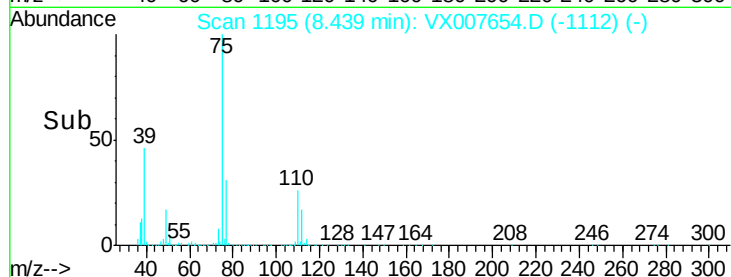
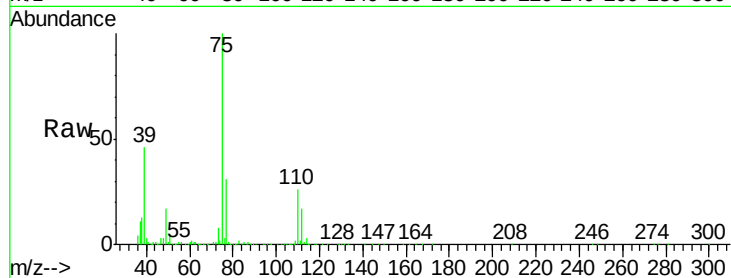
#49
 cis-1,3-Dichloropropene
 Concen: 20.450 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	45.9	38.5	57.7

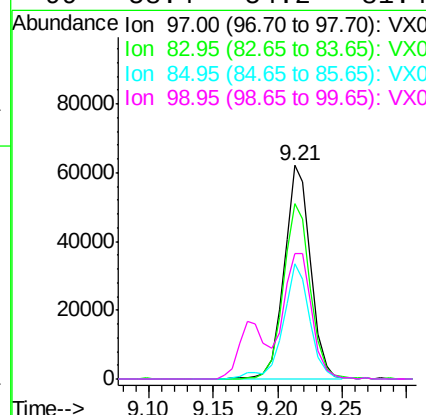
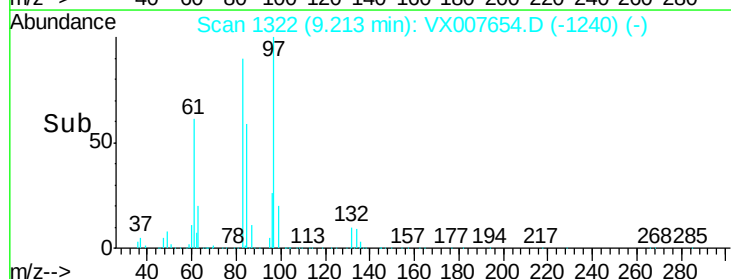
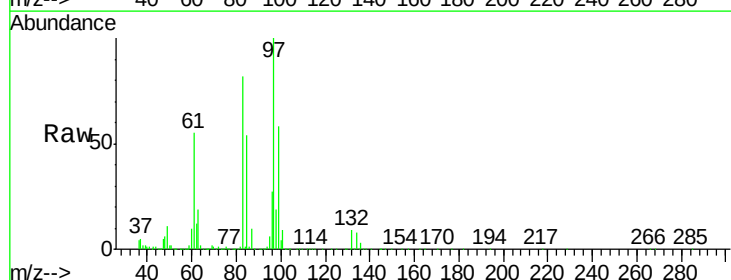
Manual Integrations
 APPROVED

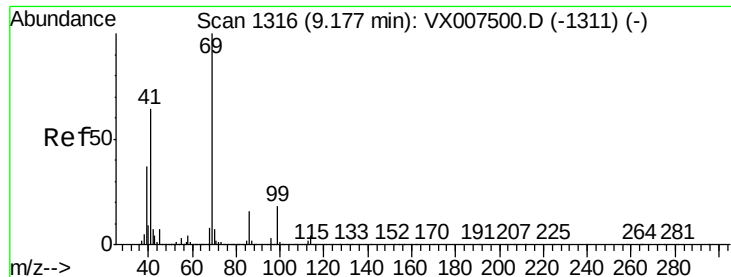
MMDadoda
 2/25/2019 9:47:27 AM



#50
 1,1,2-Trichloroethane
 Concen: 21.290 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	72.0	108.0
85	53.7	45.0	67.6
99	58.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.810 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

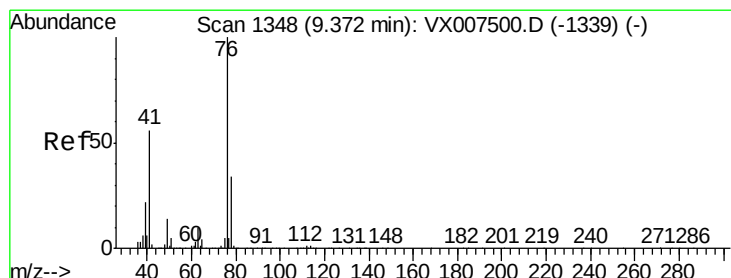
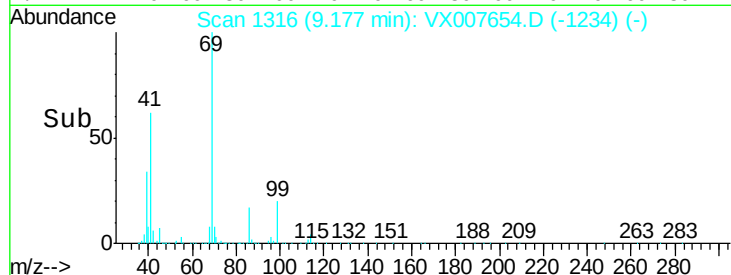
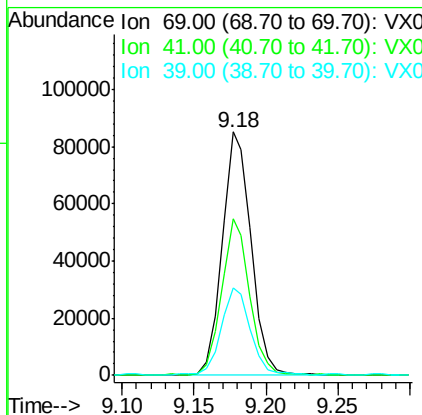
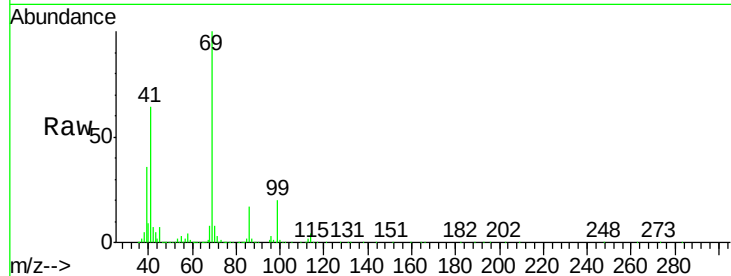
ClientSampleId :

VX0222WBSD01

Tot Ion:	69	Resp:	119251
Ion Ratio	Lower	Upper	
69	100		
41	64.3	32.1	96.5
39	35.6	18.8	56.3

Manual Integrations
APPROVED

MMDadoda
2/25/2019 9:47:27 AM



#52

1,3-Dichloropropane

Concen: 20.741 ug/l

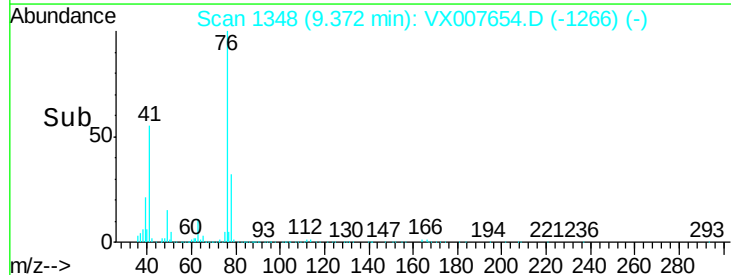
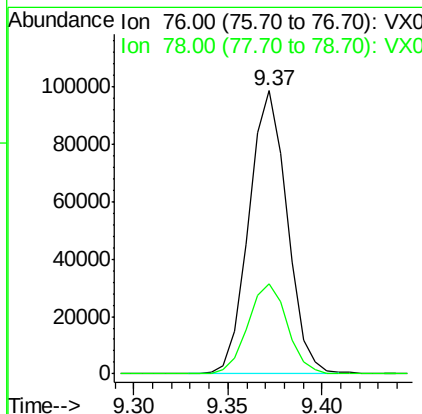
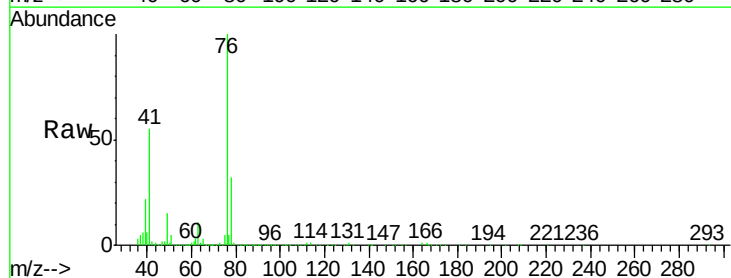
RT: 9.37 min Scan# 1348

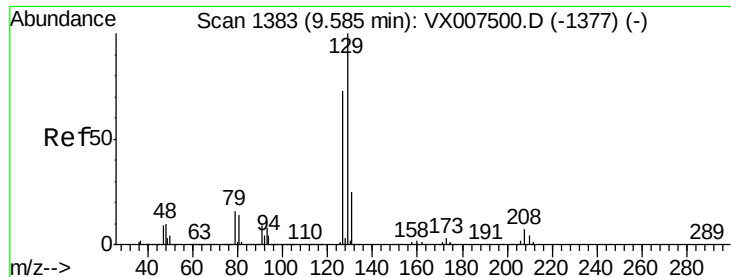
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	76	Resp:	138922
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.2





#53

Dibromochloromethane

Concen: 20.194 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion:129 Resp: 87215

Ion Ratio Lower Upper

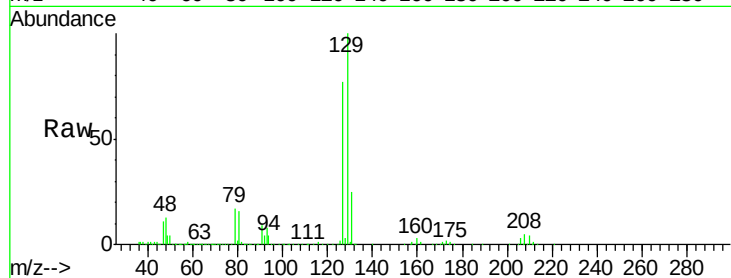
129 100

127 79.3 38.4 115.2

Manual Integrations
APPROVED

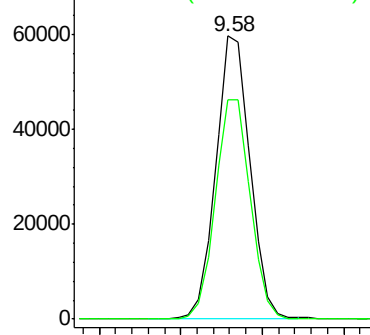
MMDadoda

2/25/2019 9:47:27 AM

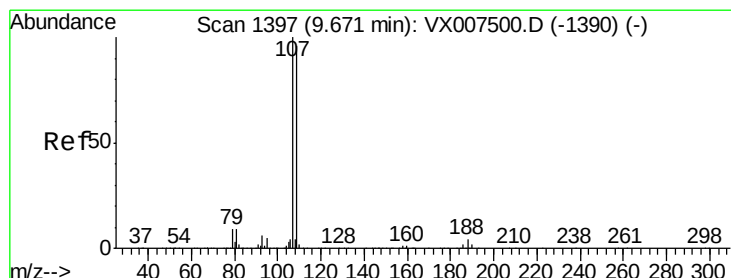
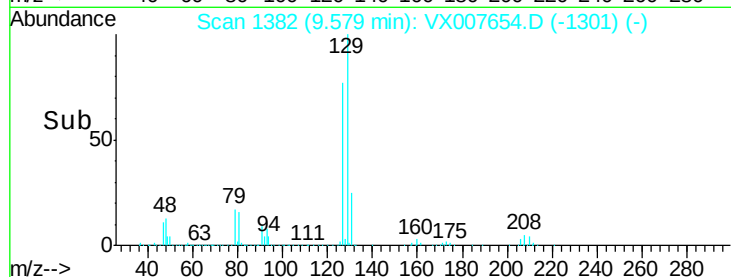


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 20.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007654.D

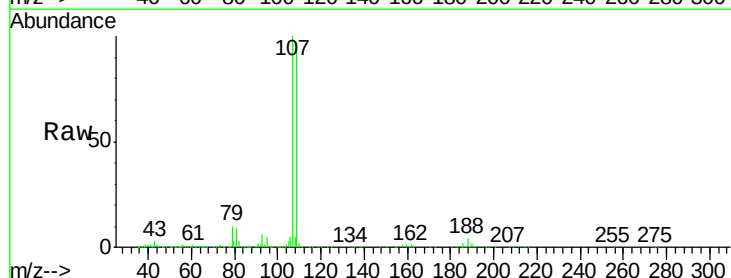
Acq: 22 Feb 2019 12:43

Tgt Ion:107 Resp: 95088

Ion Ratio Lower Upper

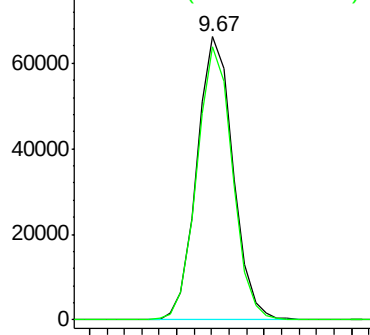
107 100

109 95.2 76.6 115.0

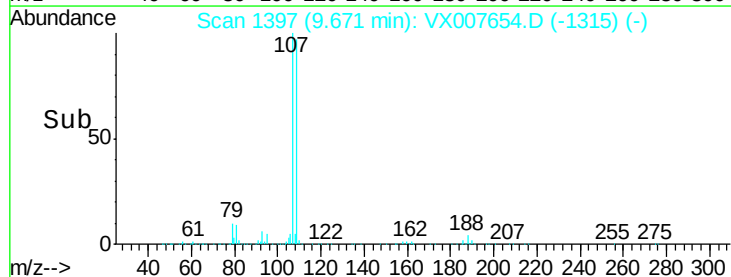


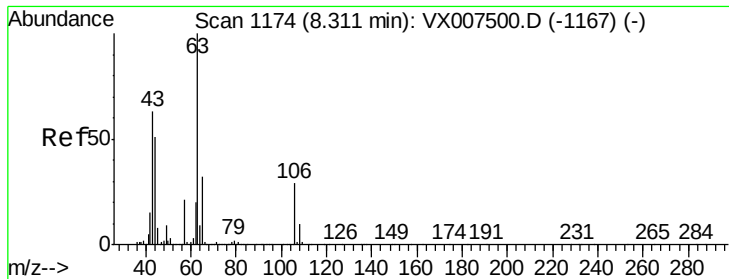
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





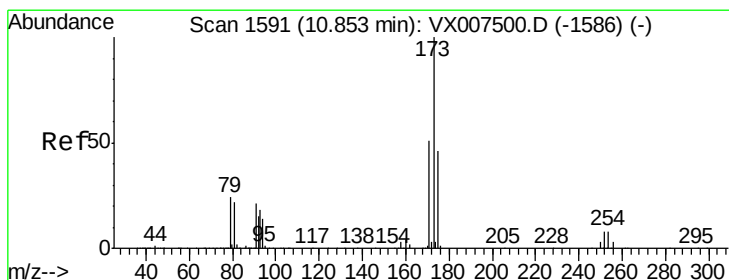
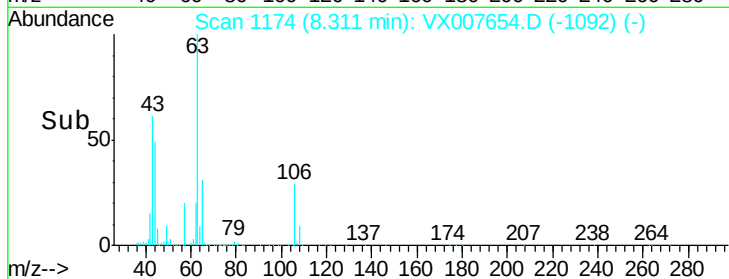
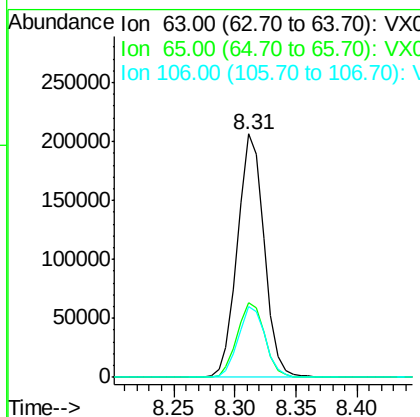
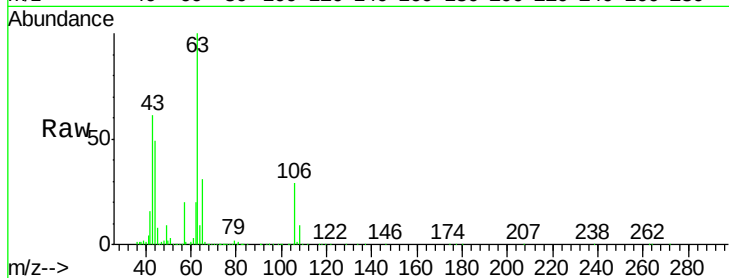
#55
2-Chloroethyl vinyl ether
Concen: 101.790 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.7	38.5
106	29.4	23.7	35.5

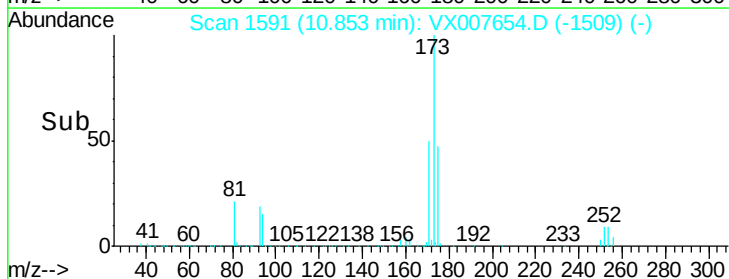
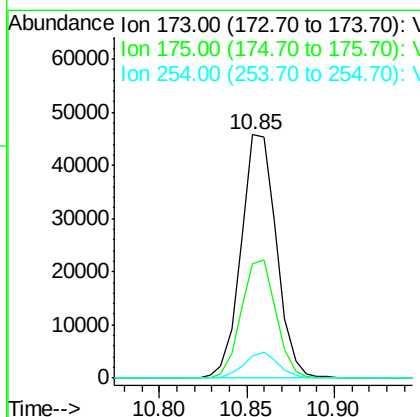
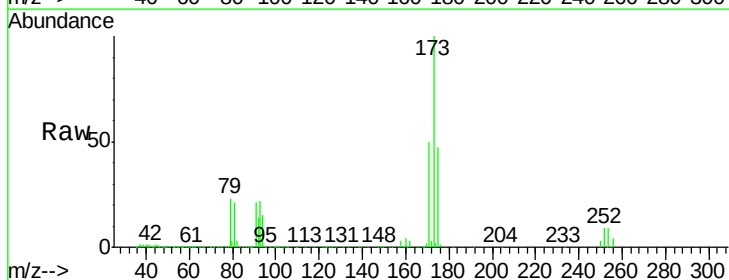
Manual Integrations
APPROVED

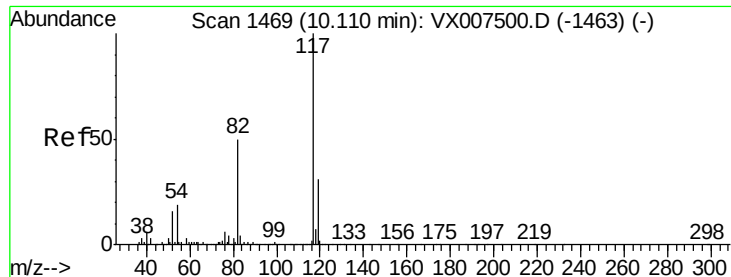
MMDadoda
2/25/2019 9:47:27 AM



#56
Bromoform
Concen: 19.698 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.5	57.7
254	10.0	7.4	11.2





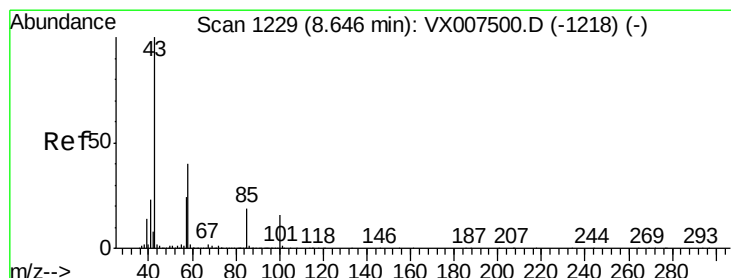
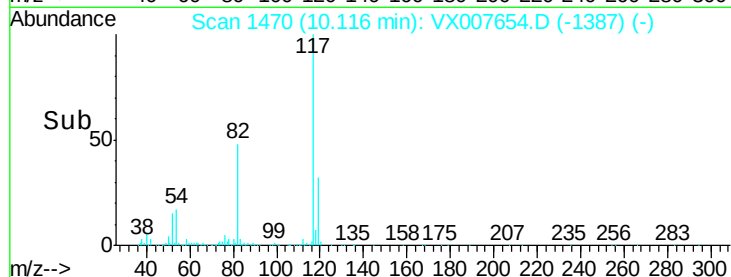
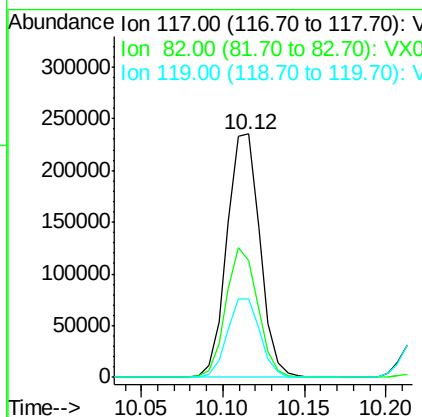
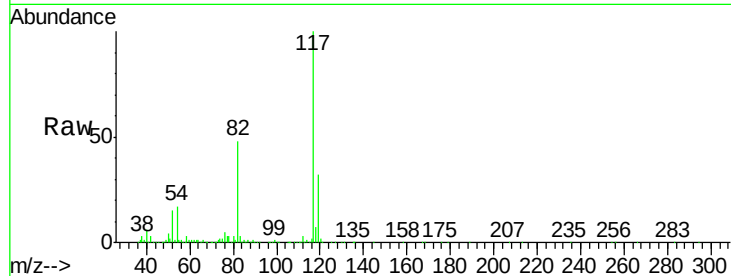
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.5	40.4	60.6
119	32.1	25.8	38.6

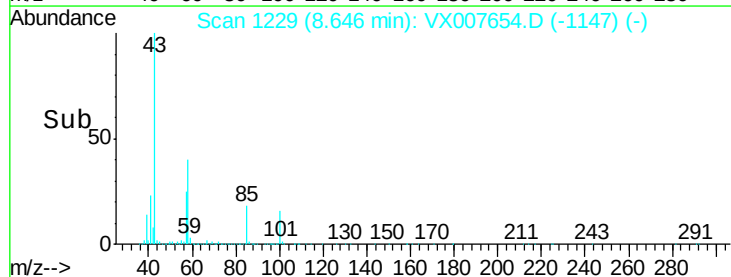
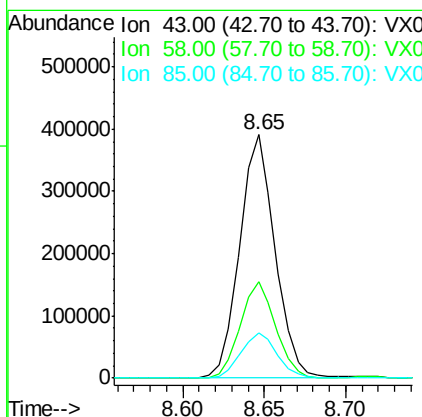
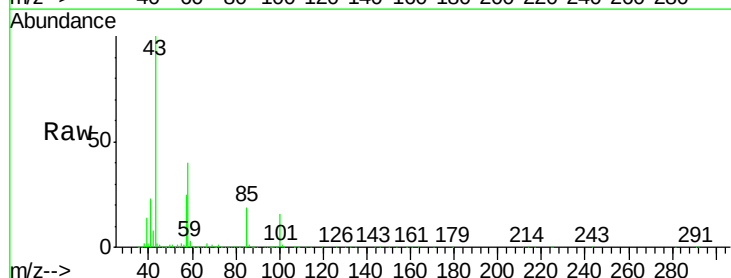
Manual Integrations
APPROVED

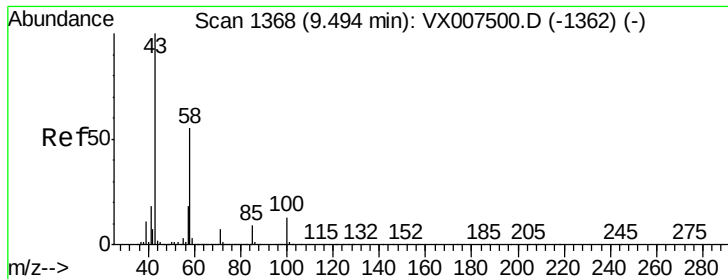
MMDadoda
2/25/2019 9:47:27 AM



#58
4-Methyl-2-Pentanone
Concen: 99.473 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	39.4	31.4	47.0
85	19.0	15.0	22.6





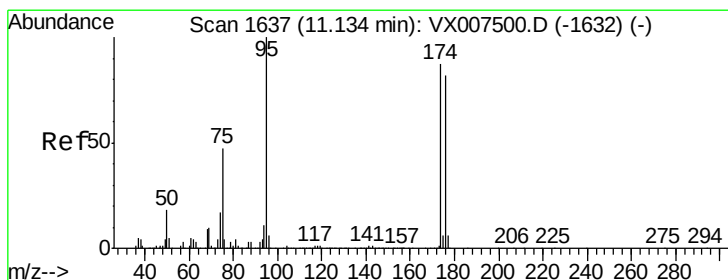
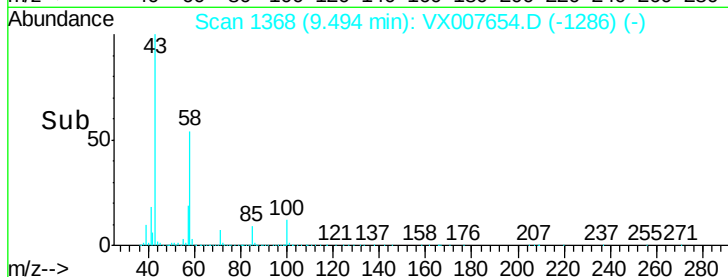
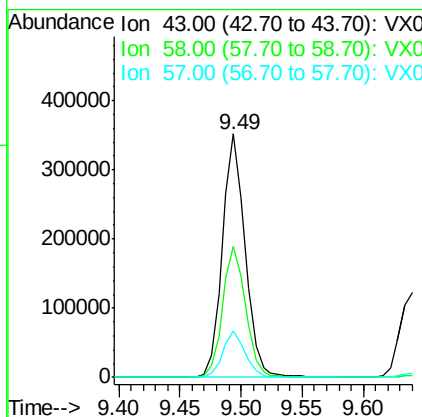
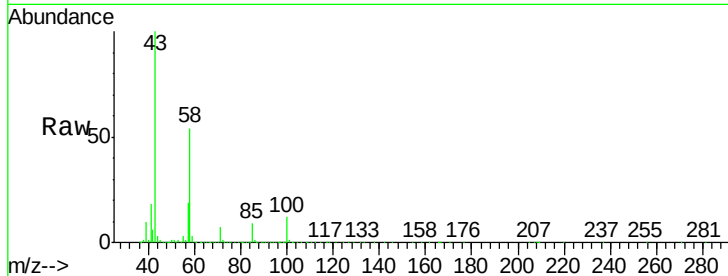
#59
2-Hexanone
Concen: 100.494 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.9	65.9
57	18.4	14.9	22.3

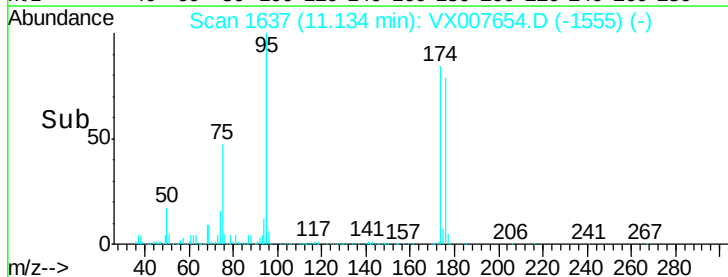
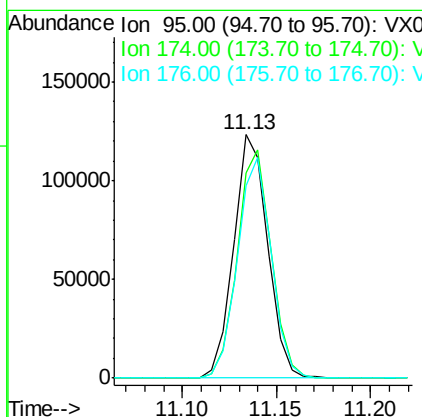
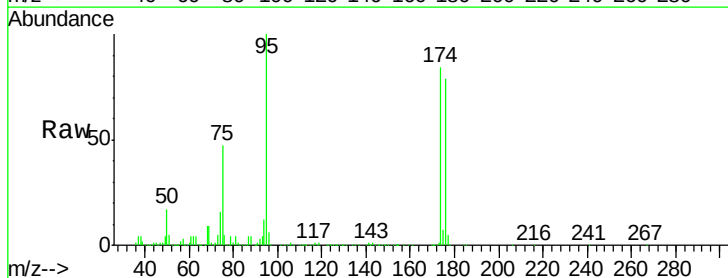
Manual Integrations
APPROVED

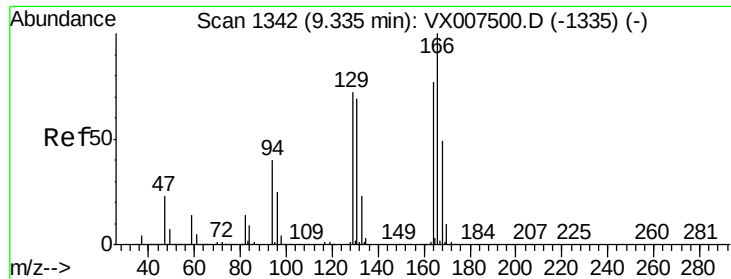
MMDadoda
2/25/2019 9:47:27 AM



#60
4-Bromofluorobenzene
Concen: 30.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	74.9	112.3
176	90.6	70.7	106.1





#61

Tetrachloroethene

Concen: 20.189 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion:164 Resp: 94648

Ion Ratio Lower Upper

164 100

166 132.9 103.9 155.9

129 98.6 74.7 112.1

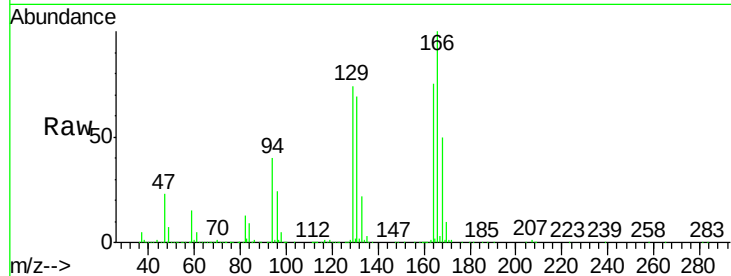
131 92.2 71.7 107.5

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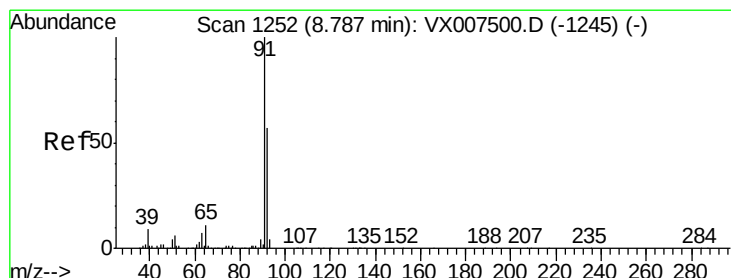
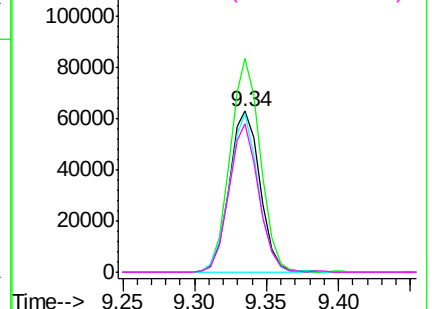
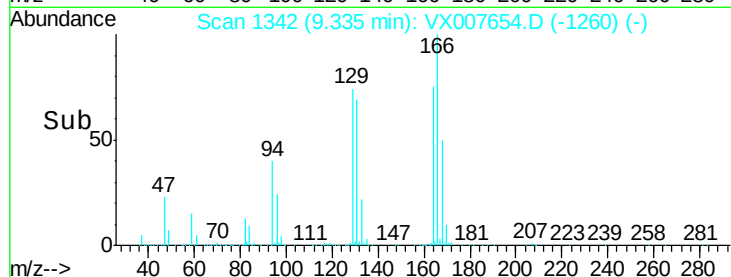


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.892 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007654.D

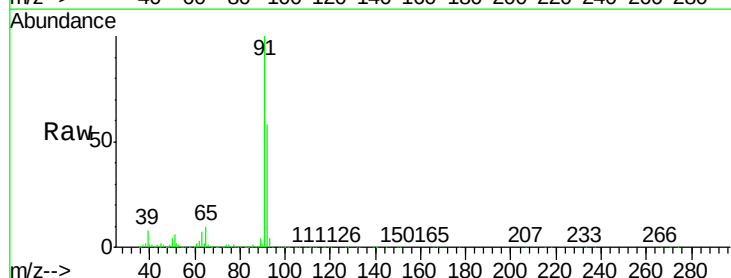
Acq: 22 Feb 2019 12:43

Tgt Ion: 91 Resp: 357765

Ion Ratio Lower Upper

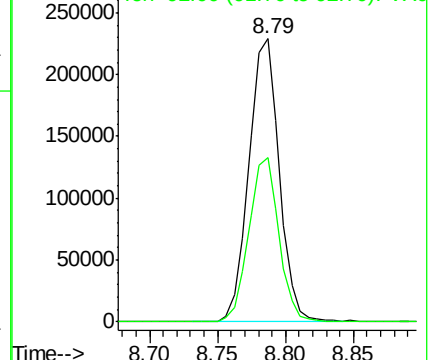
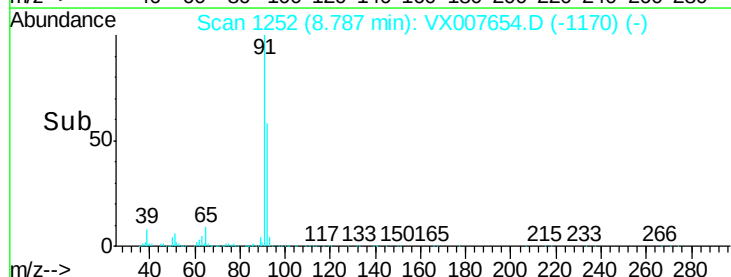
91 100

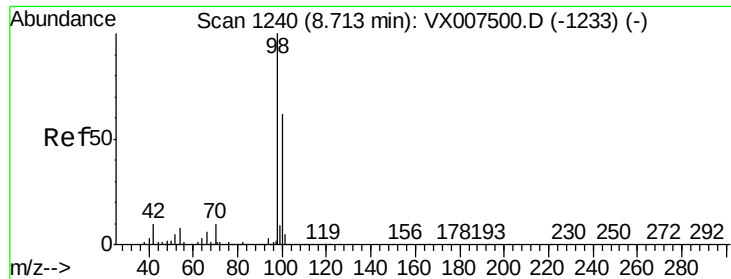
92 57.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





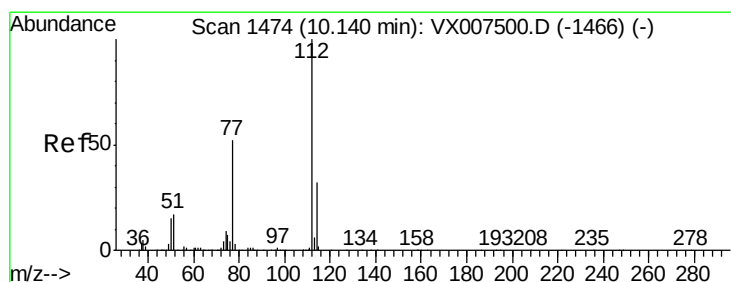
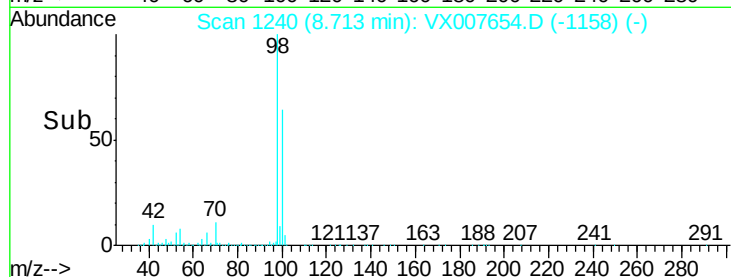
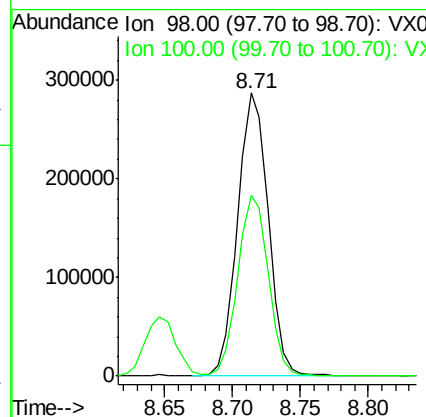
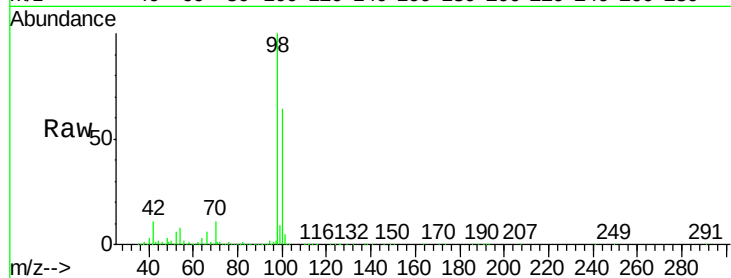
#63
Toluene-d8
Concen: 30.298 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

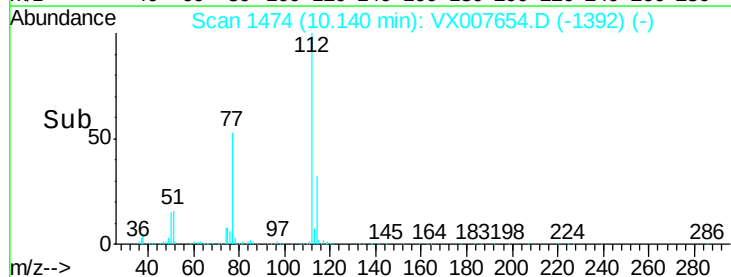
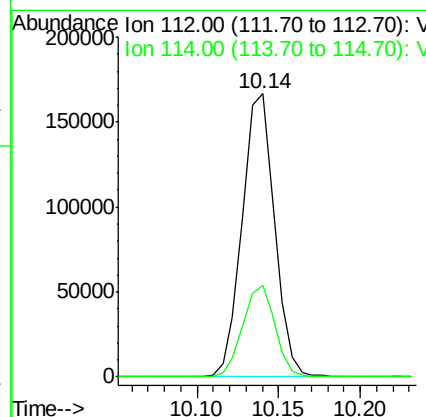
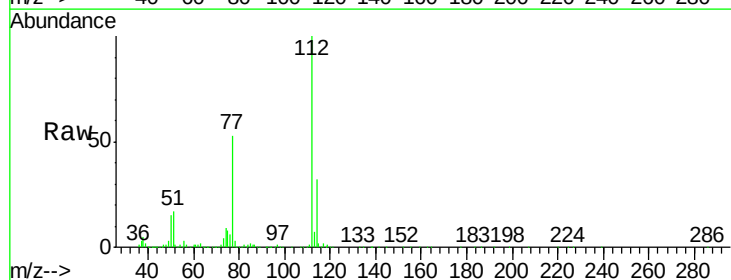
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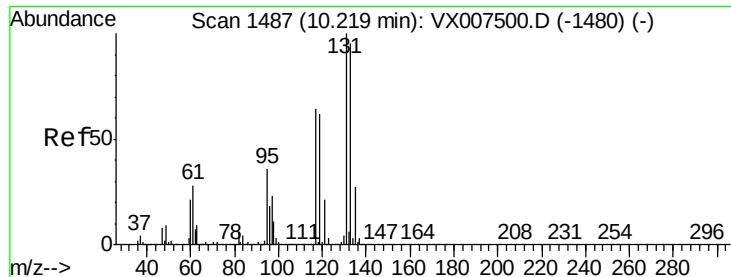
MMDadoda
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#64
Chlorobenzene
Concen: 19.881 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.140 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

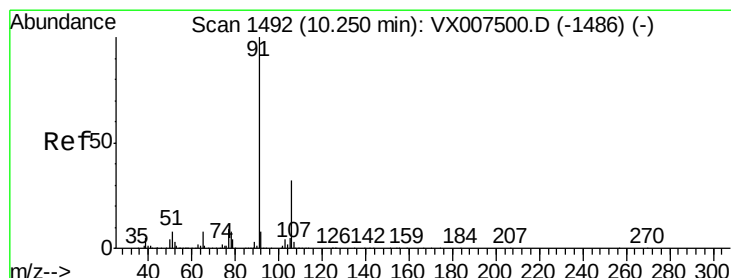
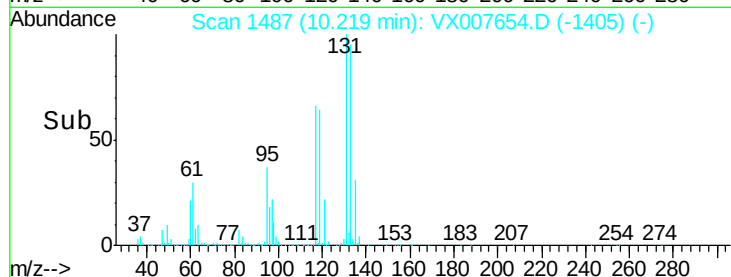
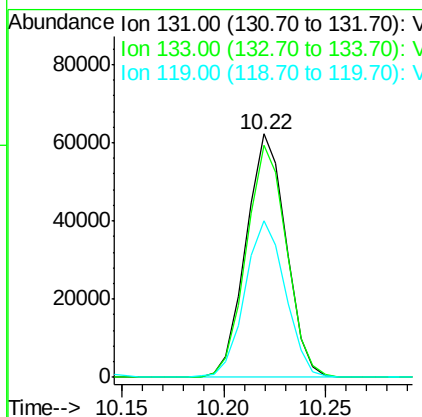
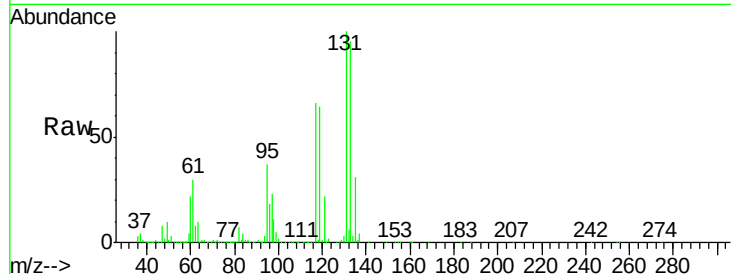
ClientSampleId :

VX0222WBSD01

Tot Ion:	131	Resp:	85259
Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	191.6
119	64.7	0.0	127.4

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#66

Ethyl Benzene

Concen: 19.773 ug/l

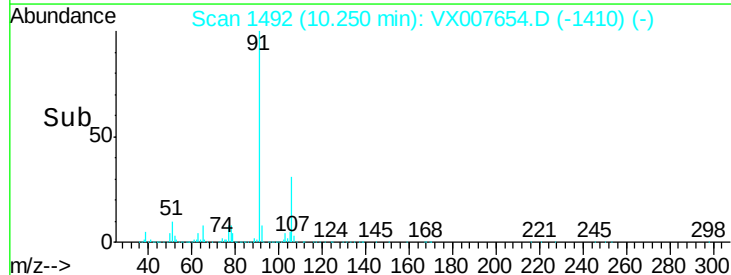
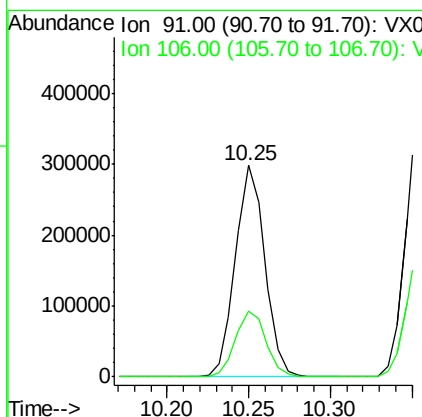
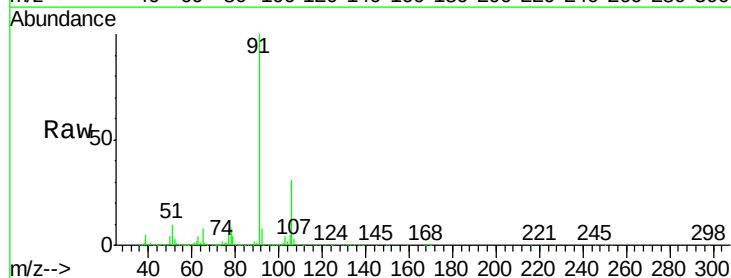
RT: 10.25 min Scan# 1492

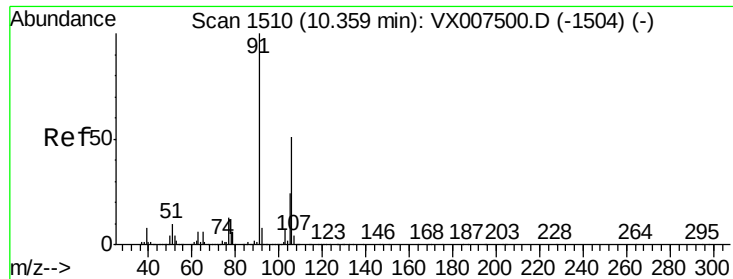
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	91	Resp:	377376
Ion	Ratio	Lower	Upper
91	100		
106	31.4	26.0	39.0





#67

m/p-Xylenes

Concen: 39.172 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion:106 Resp: 293236

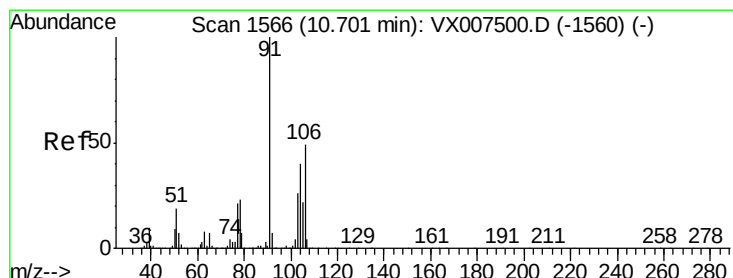
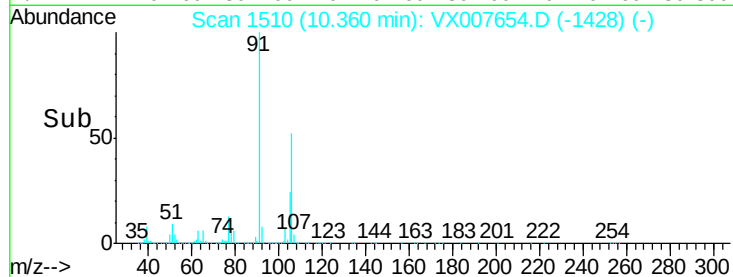
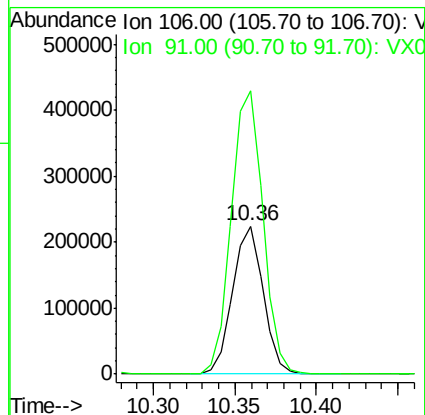
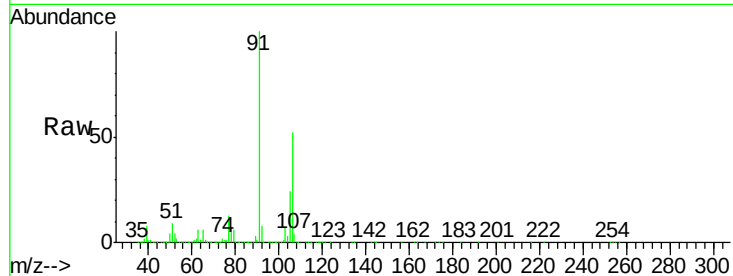
Ion Ratio Lower Upper

106 100

91 197.4 157.0 235.4

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#68

o-Xylene

Concen: 19.883 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007654.D

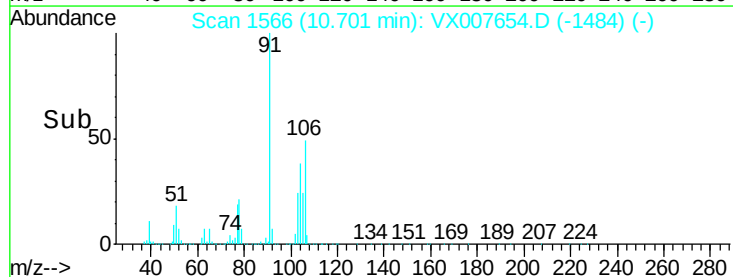
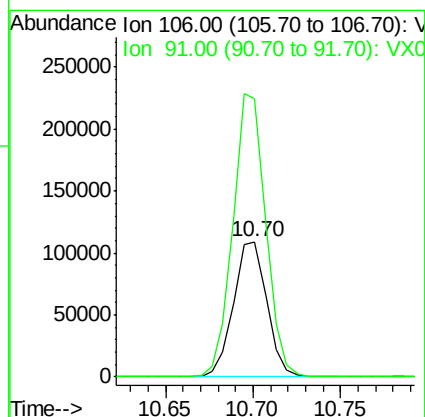
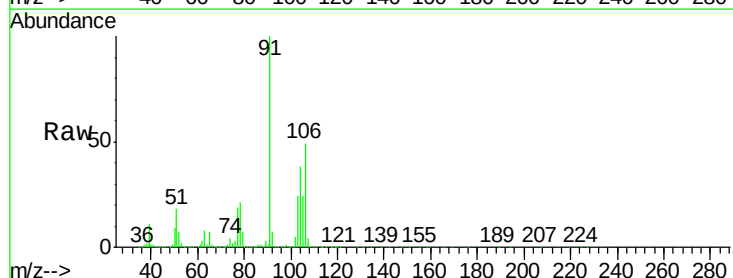
Acq: 22 Feb 2019 12:43

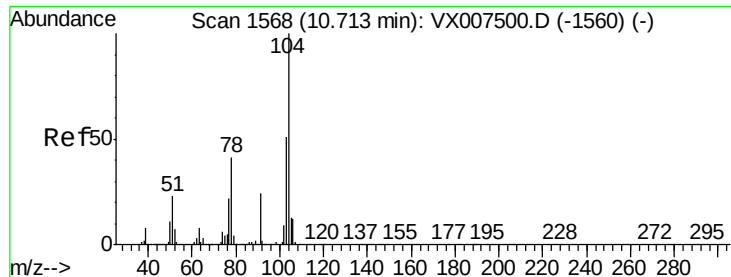
Tgt Ion:106 Resp: 145165

Ion Ratio Lower Upper

106 100

91 205.5 104.4 313.2





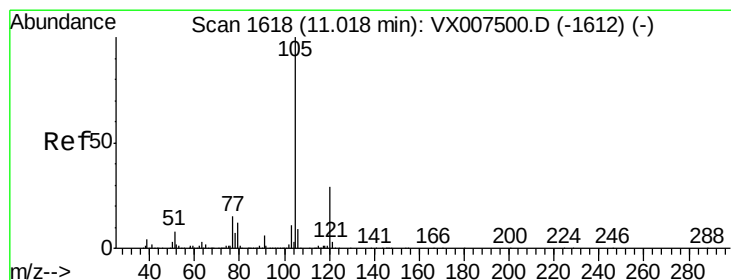
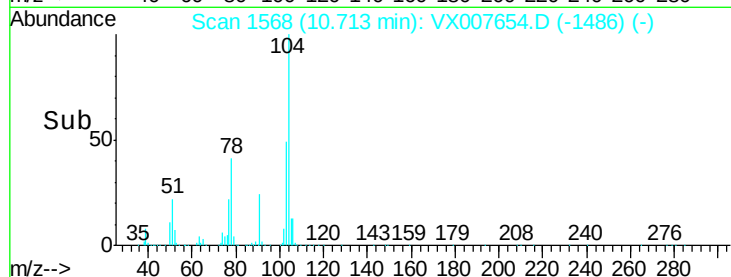
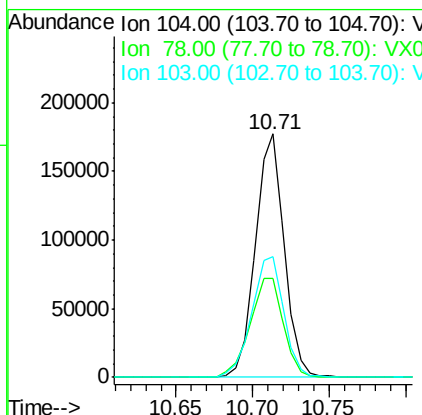
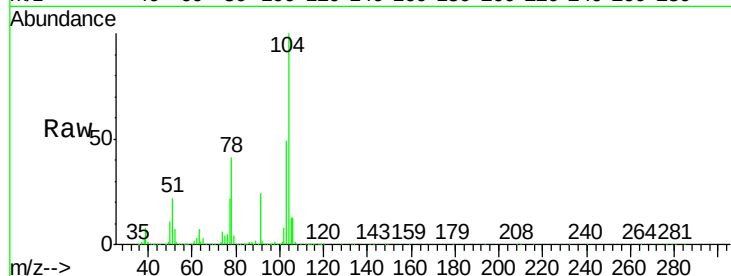
#69
Stvrene
Concen: 19.716 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.1	38.2	57.2
103	55.2	45.0	67.4

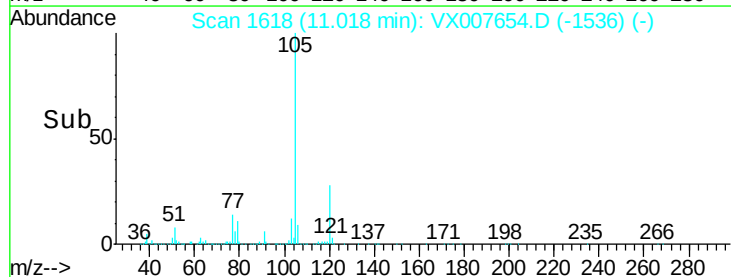
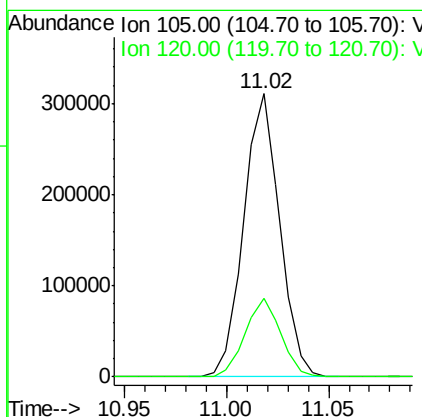
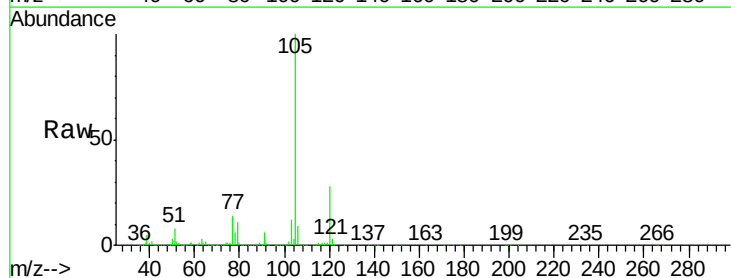
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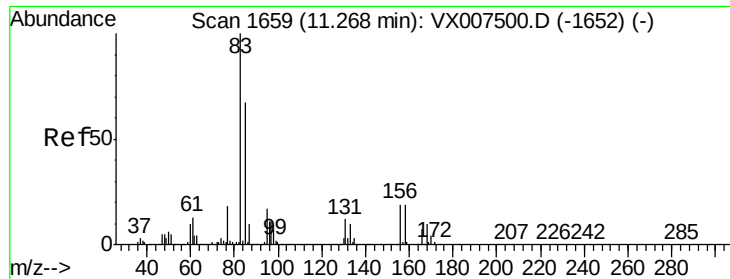
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#70
Isopropylbenzene
Concen: 19.696 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.8	36.8





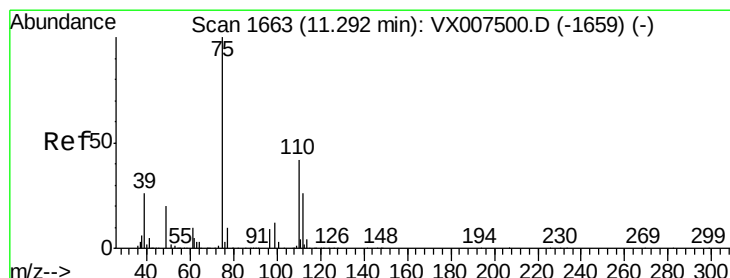
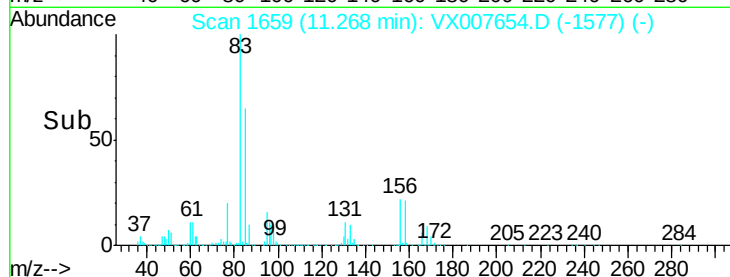
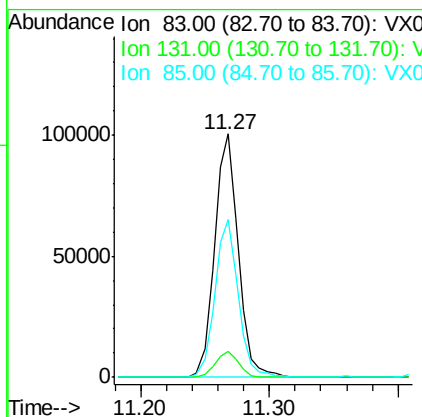
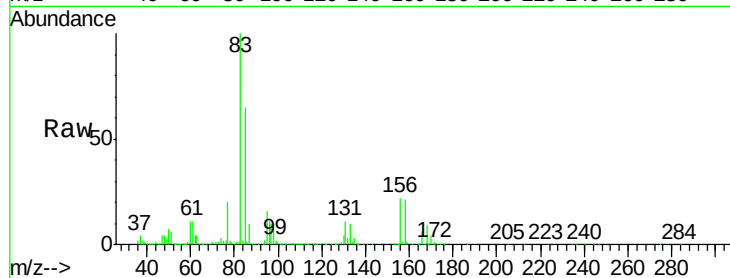
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.423 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.6	5.4	16.2	
85	64.1	32.8	98.4	

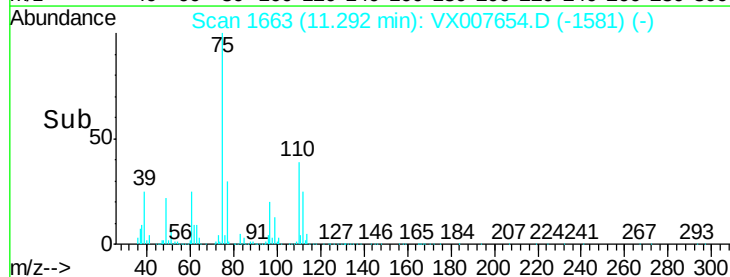
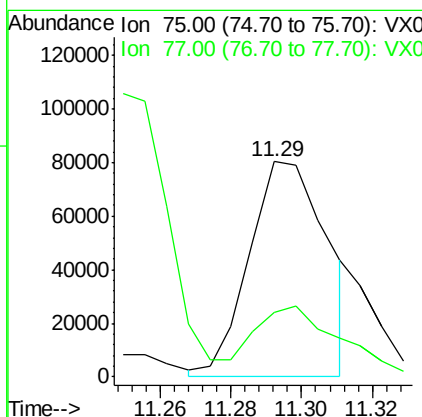
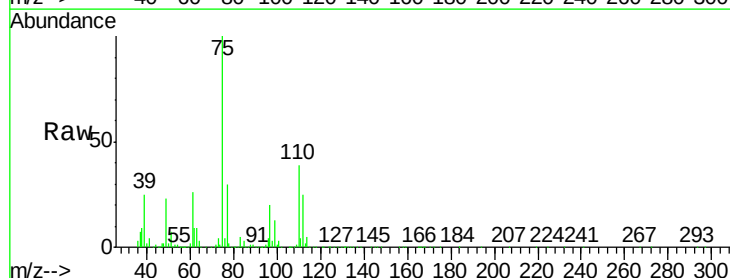
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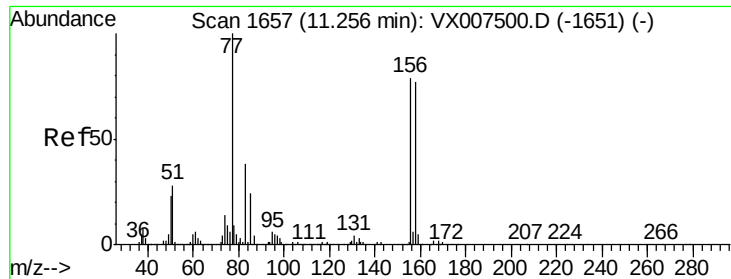
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#72
 1,2,3-Trichloropropane
 Concen: 21.051 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	37.7	0.0	76.4	





#73

Bromobenzene

Concen: 20.243 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

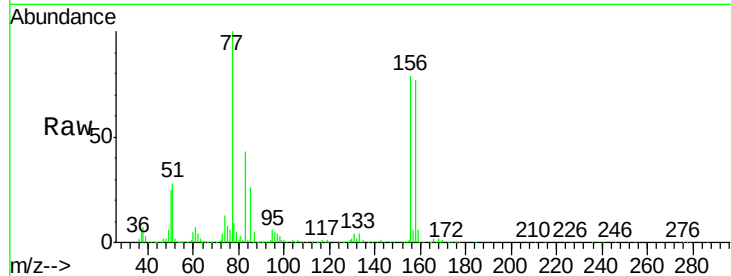
ClientSampleId :

VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	106450		
77	134.0	0.0	271.4	
158	95.8	0.0	194.0	

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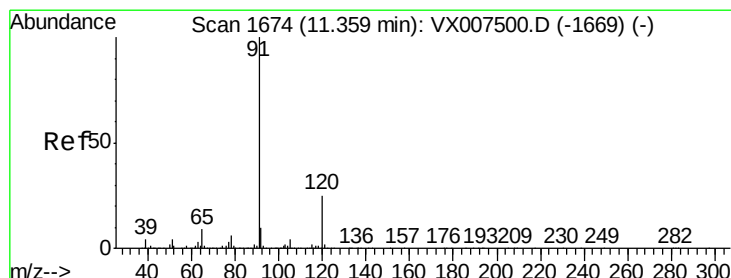
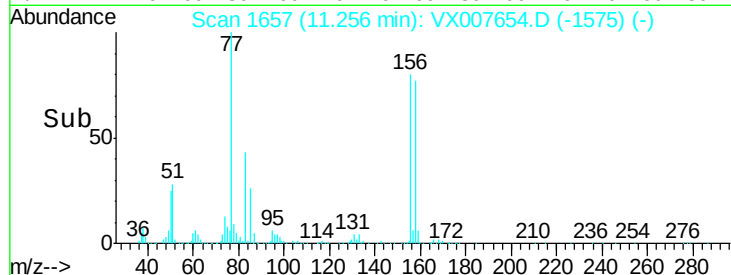
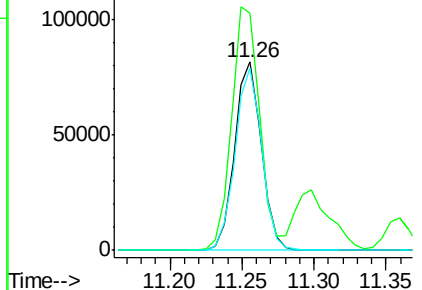
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.785 ug/l

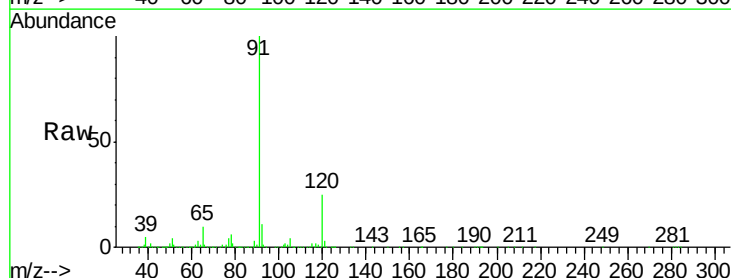
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007654.D

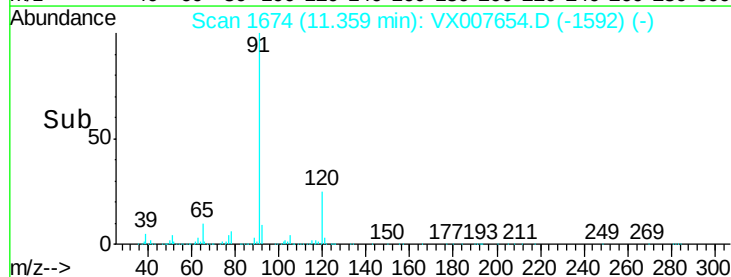
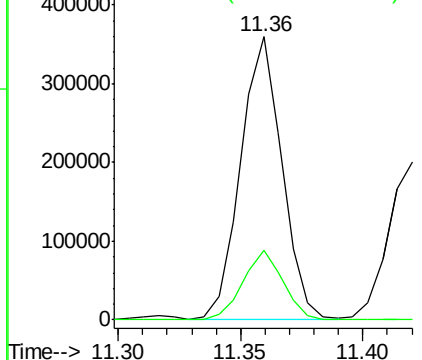
Acq: 22 Feb 2019 12:43

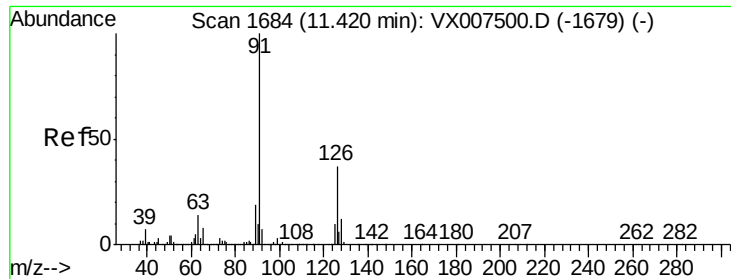
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	423138		
120	24.0	0.0	48.6	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.620 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 91 Resp: 250886

Ion Ratio Lower Upper

91 100

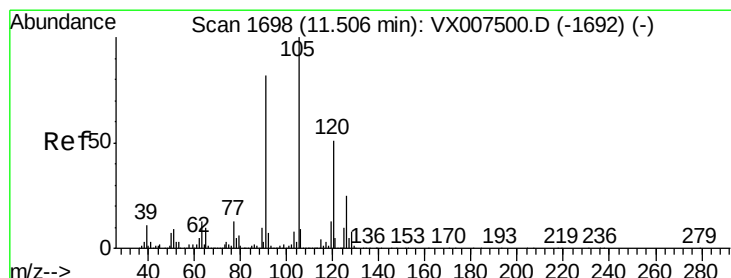
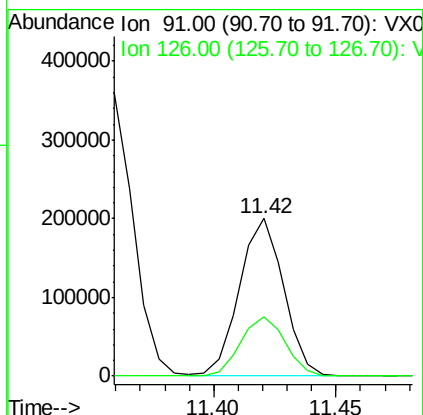
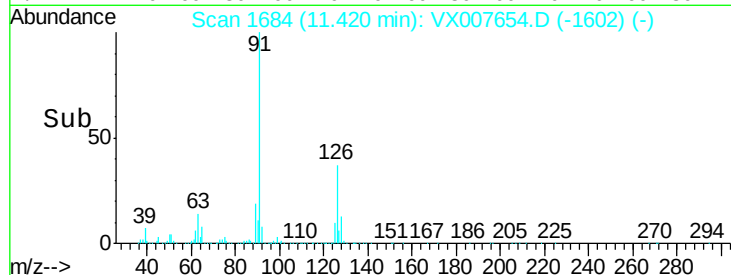
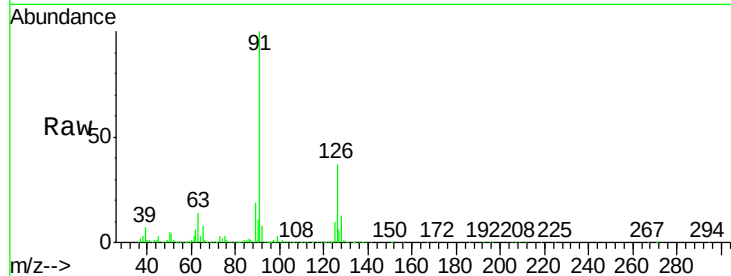
126 38.3 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.966 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007654.D

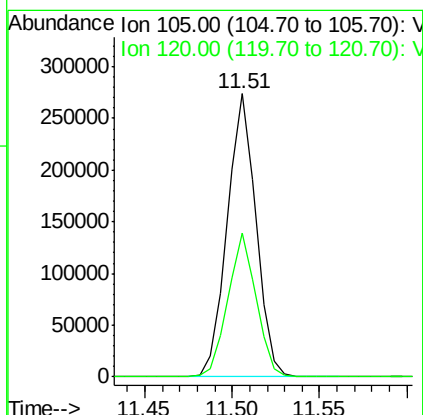
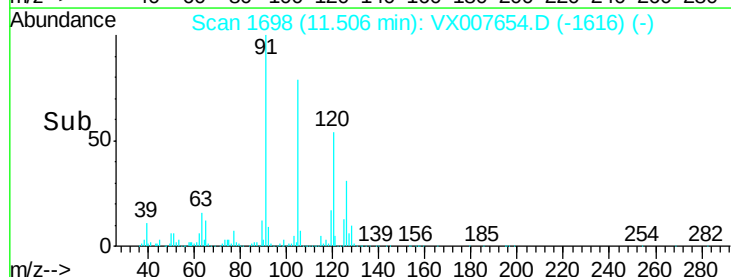
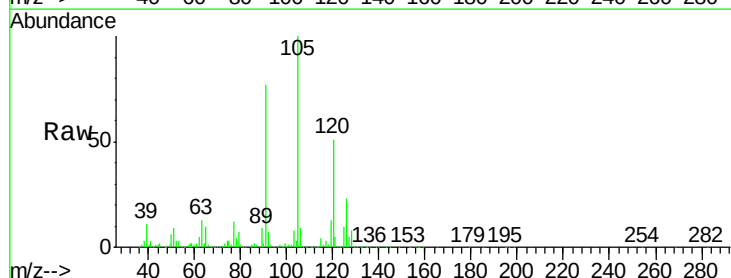
Acq: 22 Feb 2019 12:43

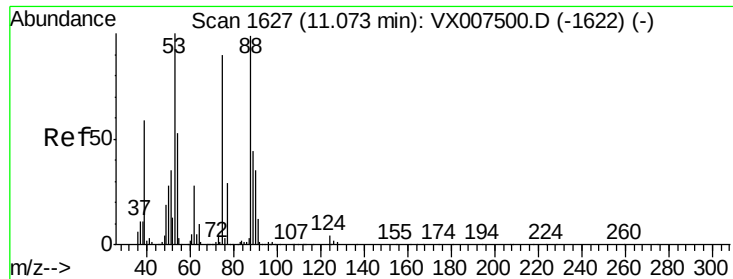
Tgt Ion: 105 Resp: 313919

Ion Ratio Lower Upper

105 100

120 49.8 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.266 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBSD01

Tot Ion: 75 Resp: 32375

Ion Ratio Lower Upper

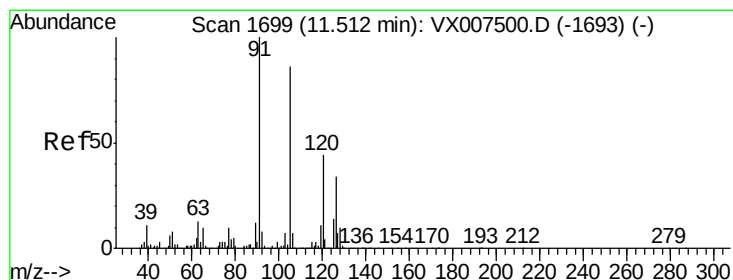
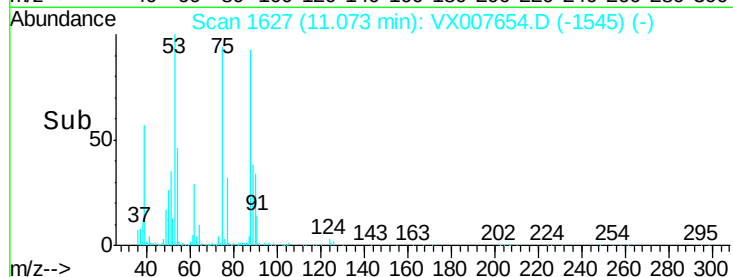
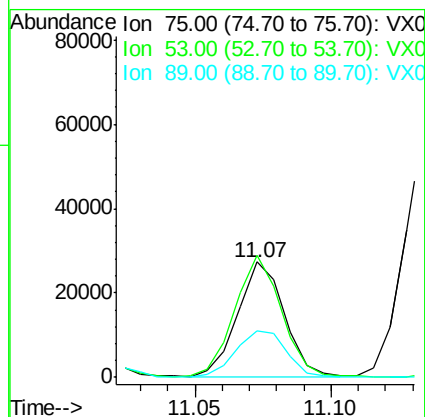
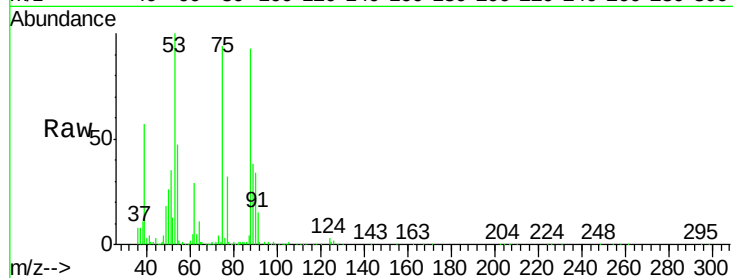
75 100

53 105.9 55.5 166.7

89 39.8 24.4 73.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.494 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007654.D

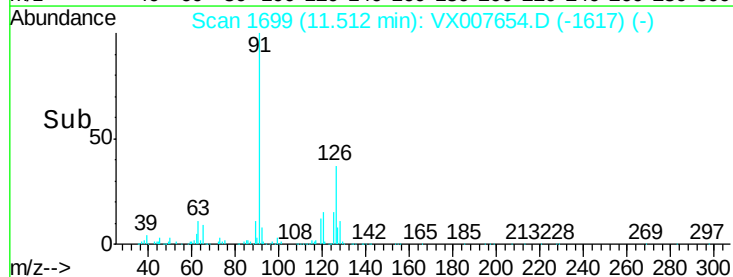
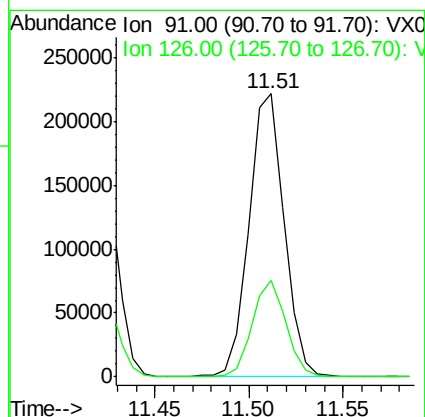
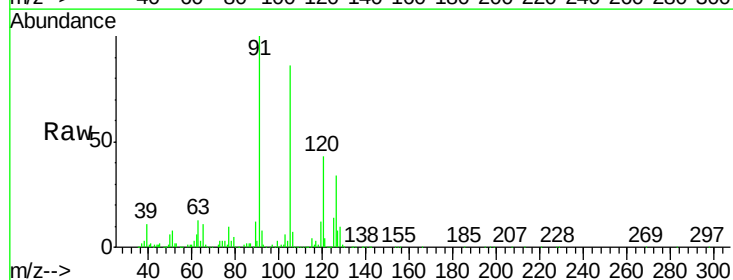
Acq: 22 Feb 2019 12:43

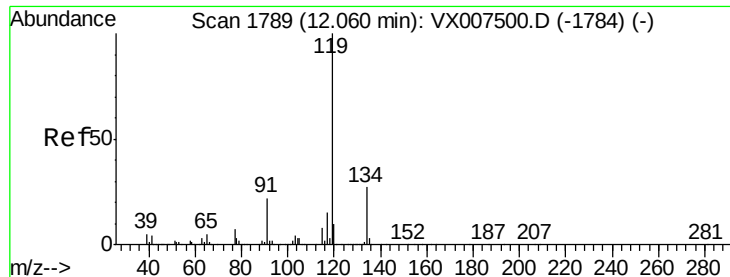
Tgt Ion: 91 Resp: 284532

Ion Ratio Lower Upper

91 100

126 32.7 0.0 66.2





#79

tert-butylbenzene

Concen: 19.610 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

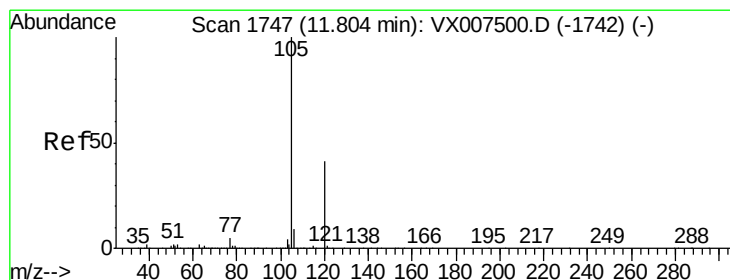
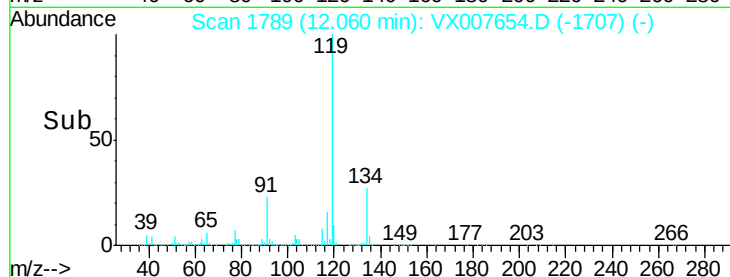
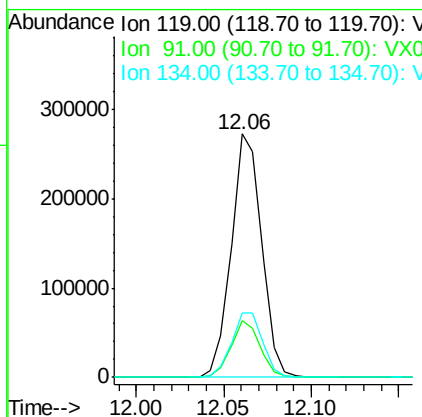
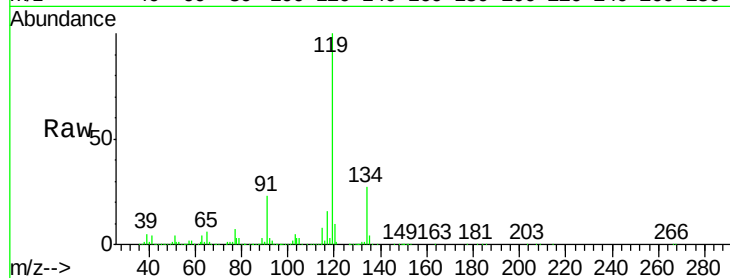
ClientSampleId :

VX0222WBSD01

Tot Ion:	119	Resp:	327399
Ion Ratio	Lower	Upper	
119	100		
91	22.3	0.0	45.0
134	27.3	0.0	55.4

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#80

1,2,4-Trimethylbenzene

Concen: 19.849 ug/l

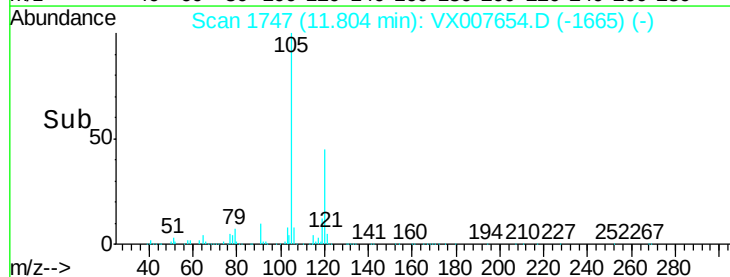
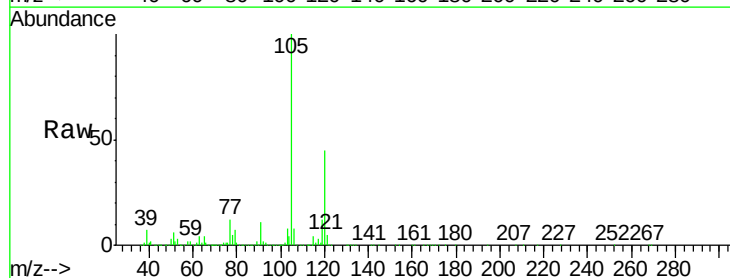
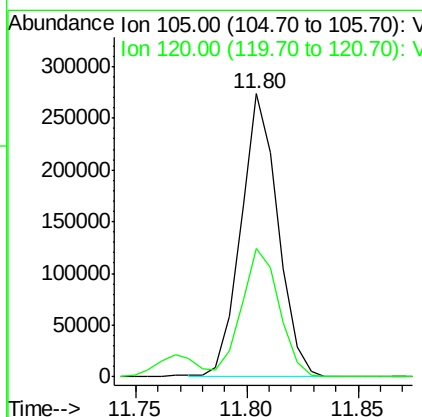
RT: 11.80 min Scan# 1747

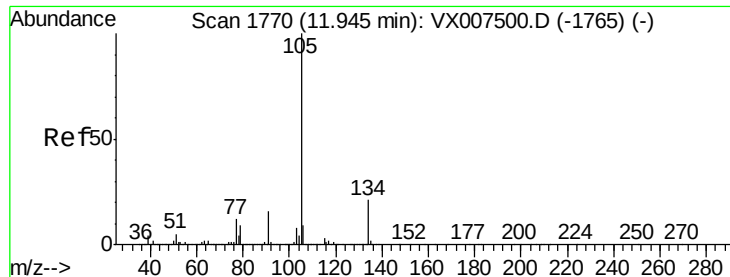
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion:	105	Resp:	316798
Ion Ratio	Lower	Upper	
105	100		
120	46.3	0.0	94.0





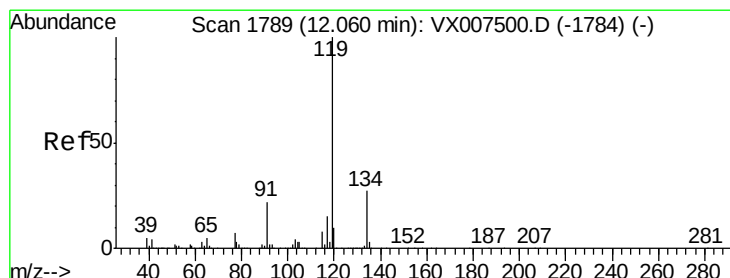
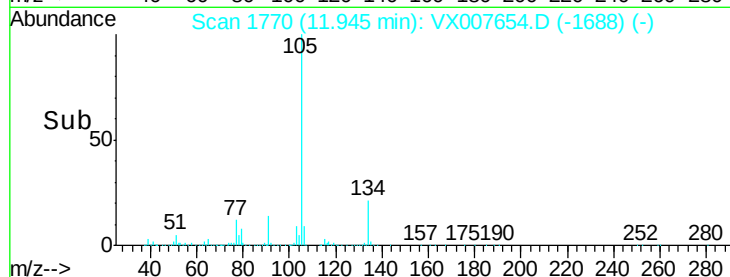
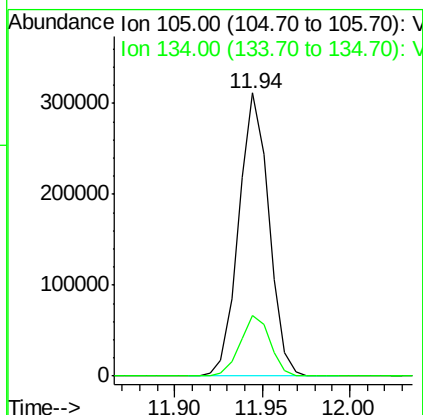
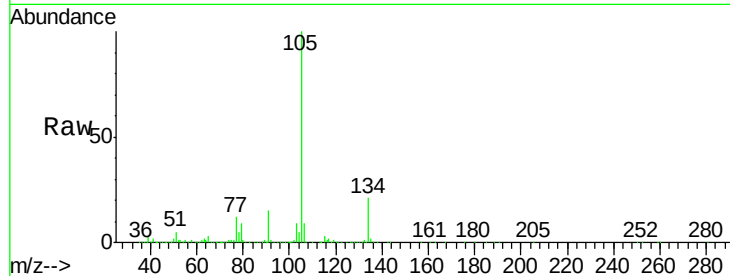
#81
 sec-Butylbenzene
 Concen: 19.852 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	372746		
134	21.4	0.0	41.8	

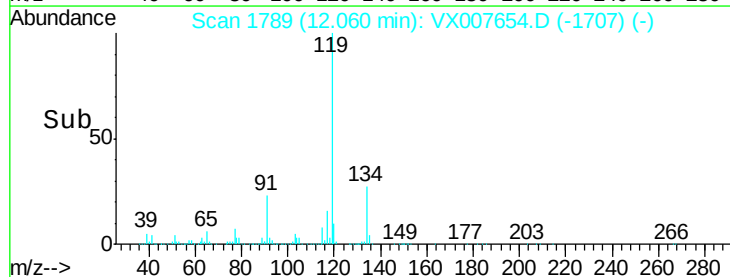
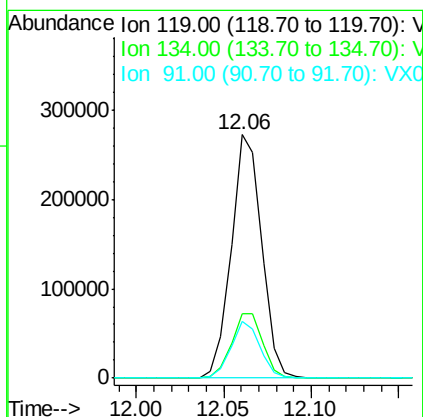
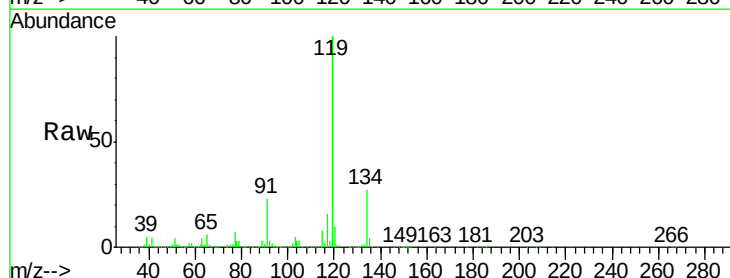
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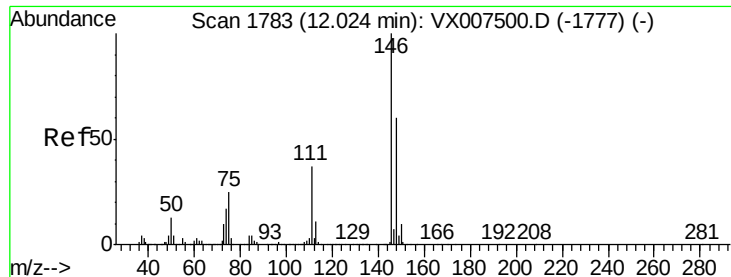
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 19.610 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	327399		
134	27.3	0.0	55.4	
91	22.3	0.0	45.0	





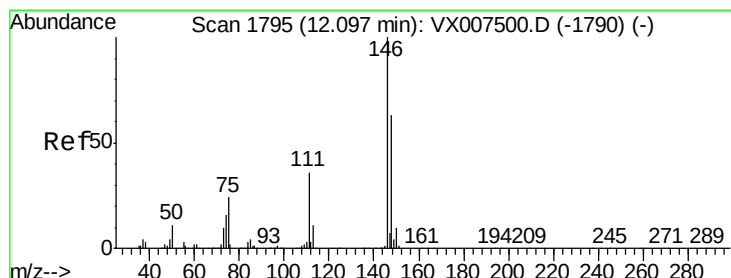
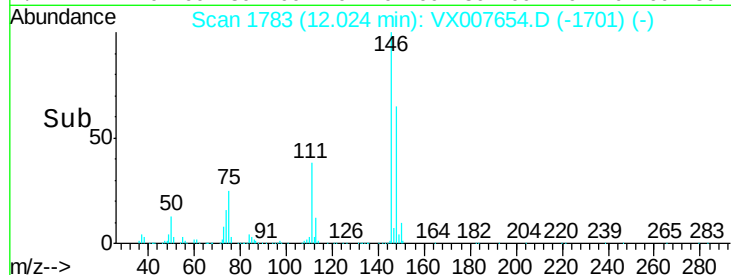
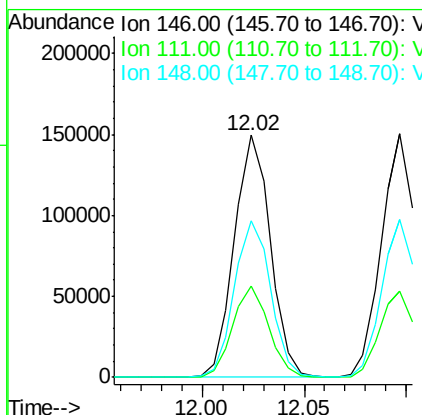
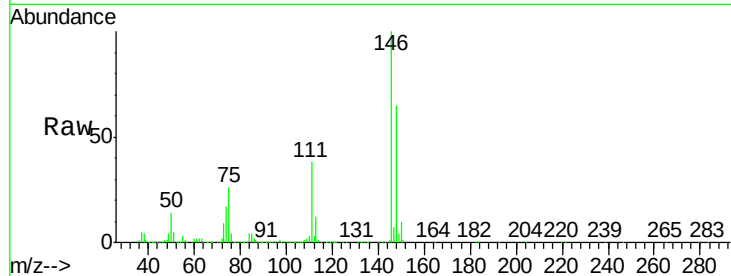
#83
 1,3-Dichlorobenzene
 Concen: 19.818 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	65.3	30.6	91.8

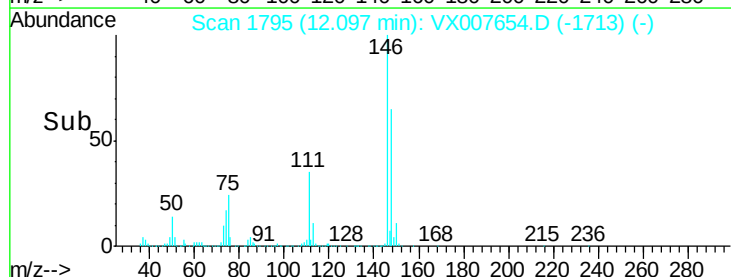
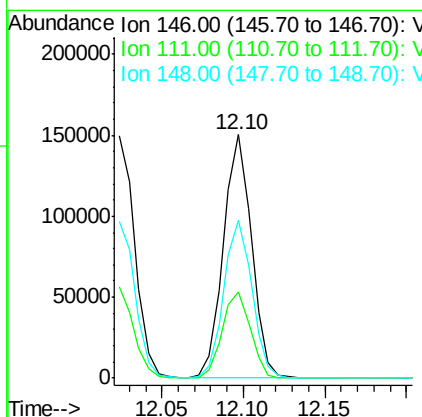
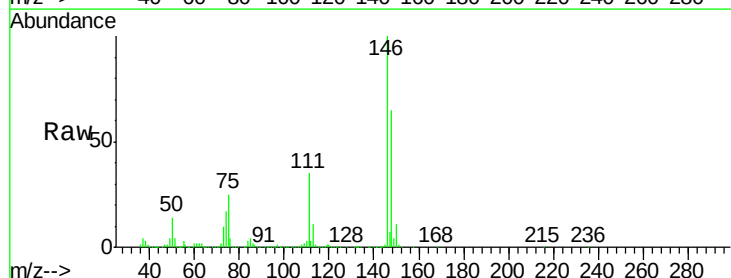
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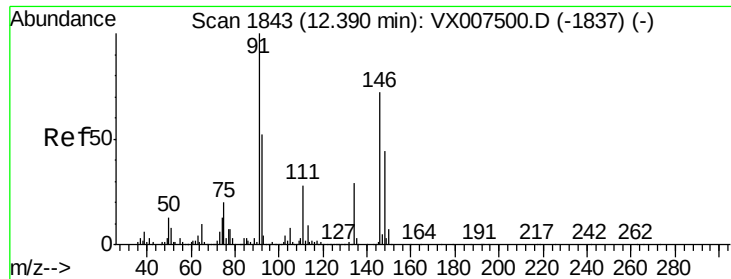
MMDadoda
 2/25/2019 9:47:27 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.610 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.6	52.8
148	64.9	31.4	94.2





#85

n-Butylbenzene

Concen: 19.406 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Instrument :

MSVOA_X

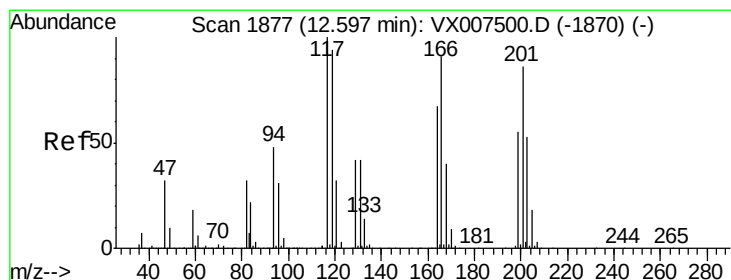
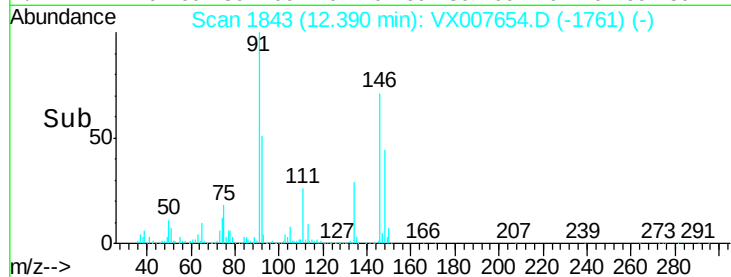
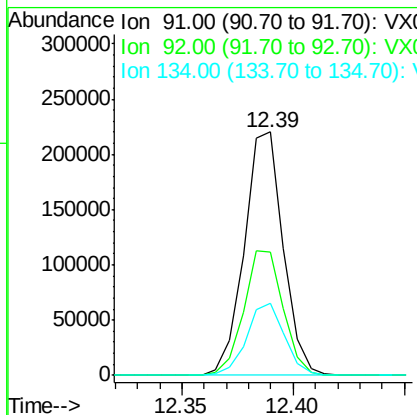
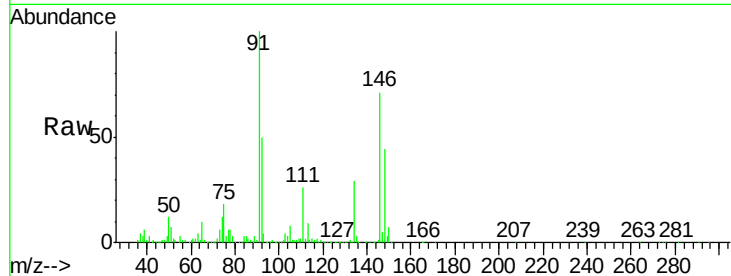
ClientSampleId :

VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	268851		
92	51.8	0.0	105.2	
134	28.9	0.0	56.4	

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#86

Hexachloroethane

Concen: 19.874 ug/l

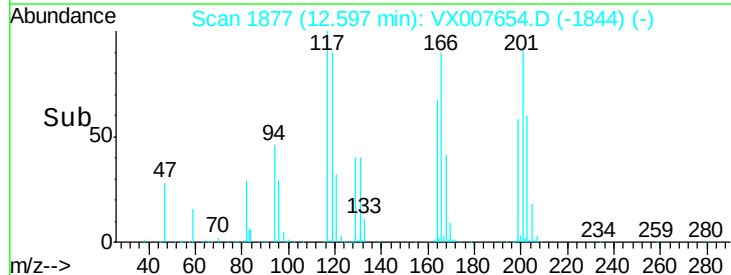
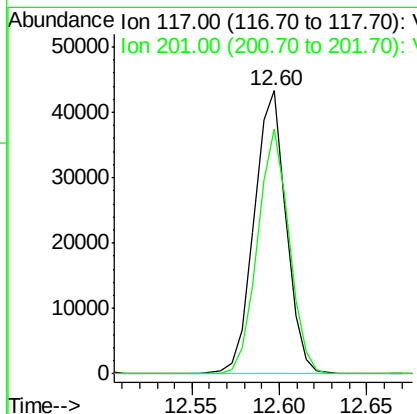
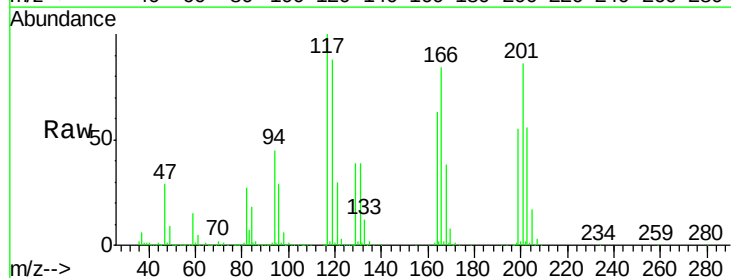
RT: 12.60 min Scan# 1877

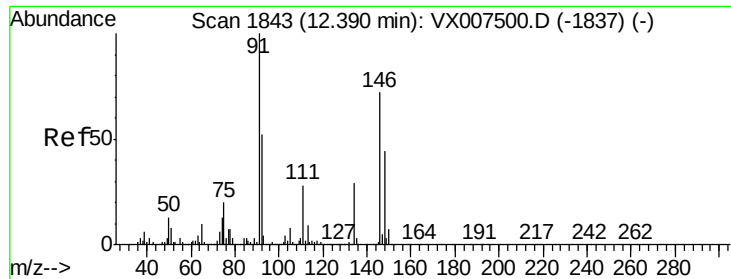
Delta R.T. 0.00 min

Lab File: VX007654.D

Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55089		
201	84.9	41.1	123.3	





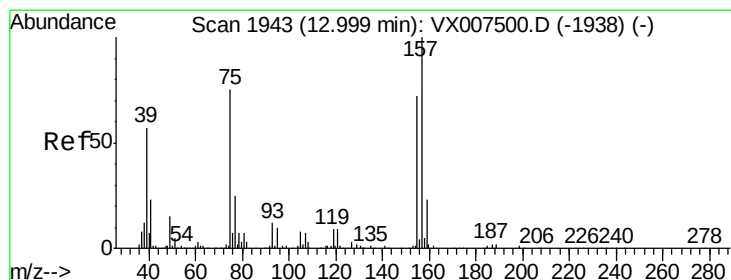
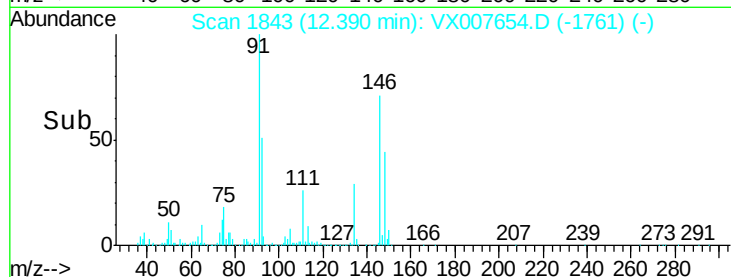
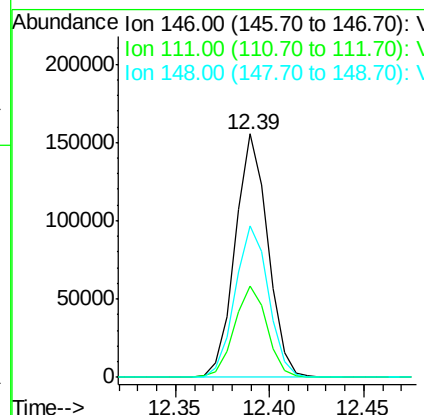
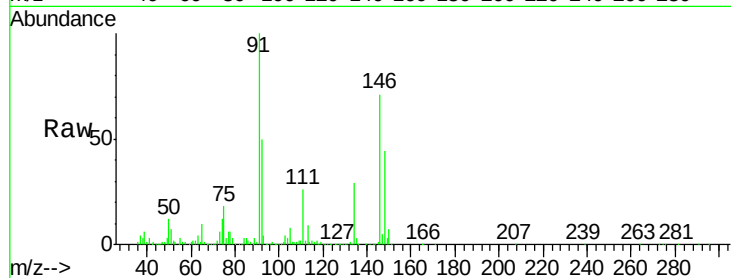
#87
 1,2-Dichlorobenzene
 Concen: 20.173 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.3	57.8
148	63.5	32.1	96.3

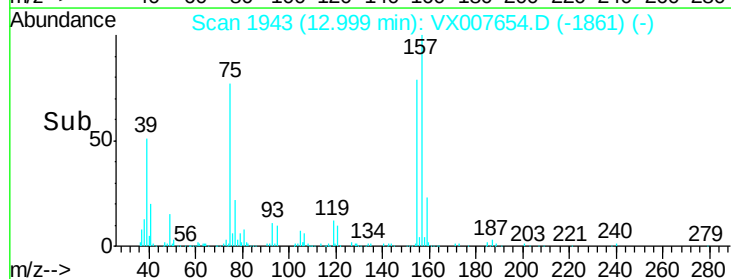
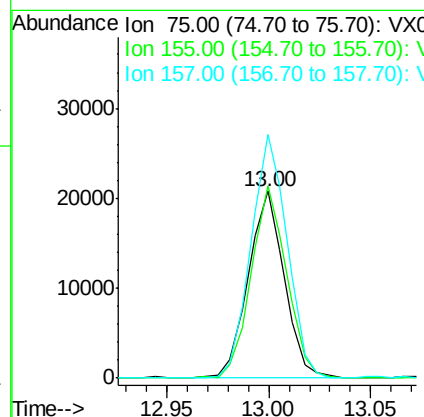
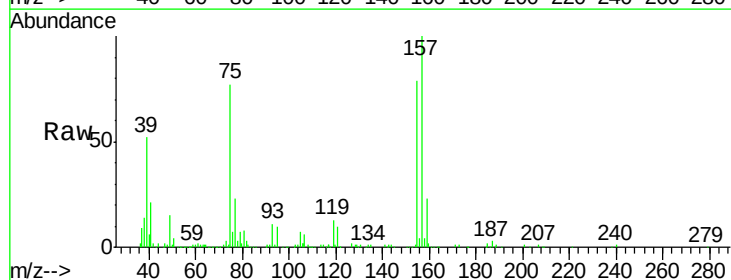
Manual Integrations
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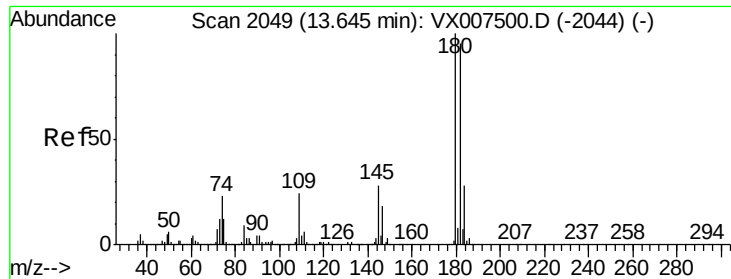
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.068 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.7	81.0	121.6
157	131.8	103.2	154.8





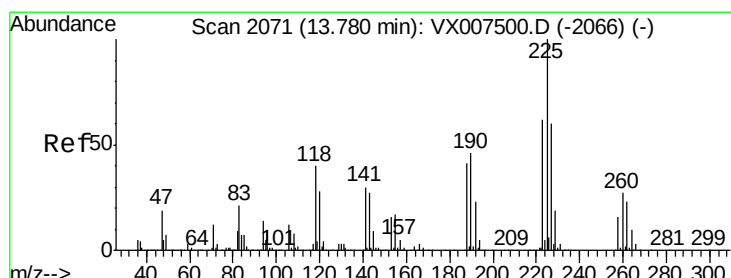
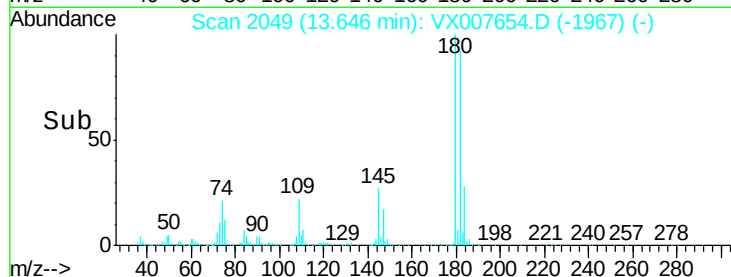
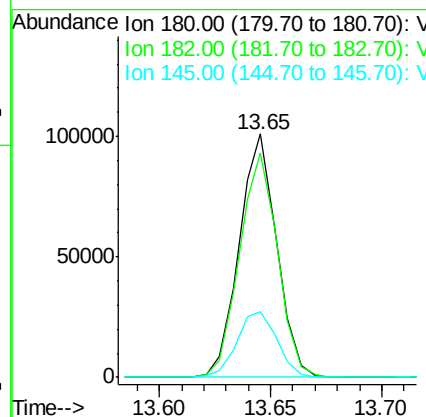
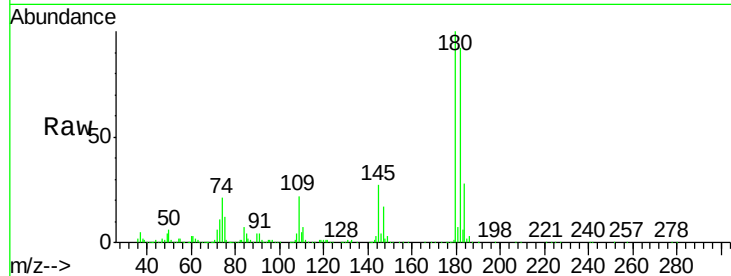
#89
 1,2,4-Trichlorobenzene
 Concen: 19.364 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118009		
182	93.9		75.6	113.4
145	29.0		23.0	34.6

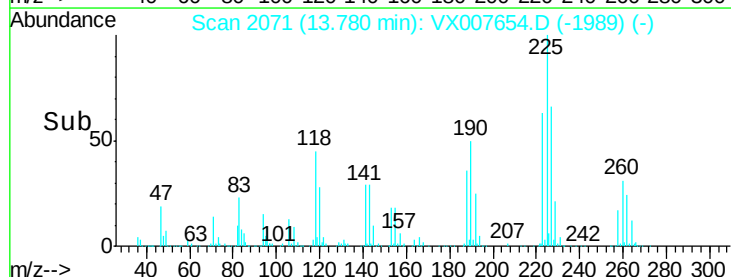
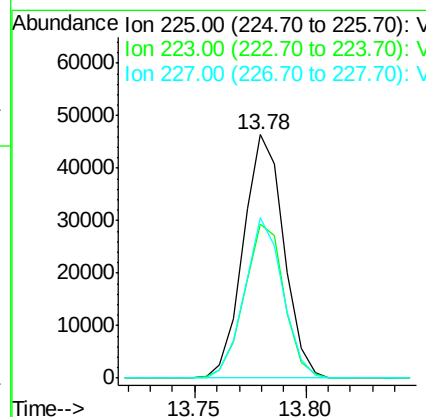
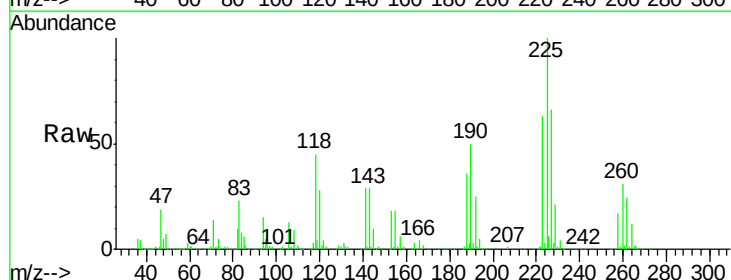
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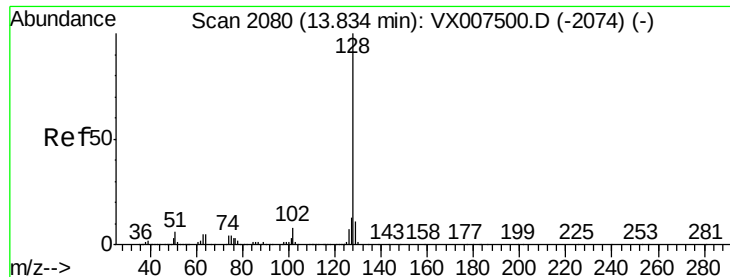
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#90
 Hexachlorobutadiene
 Concen: 20.684 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007654.D
 Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58894		
223	62.5		0.0	123.8
227	62.1		0.0	124.4





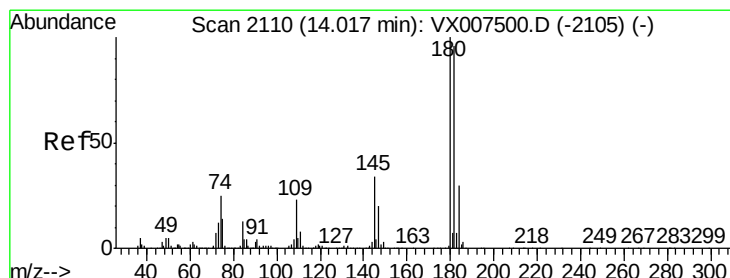
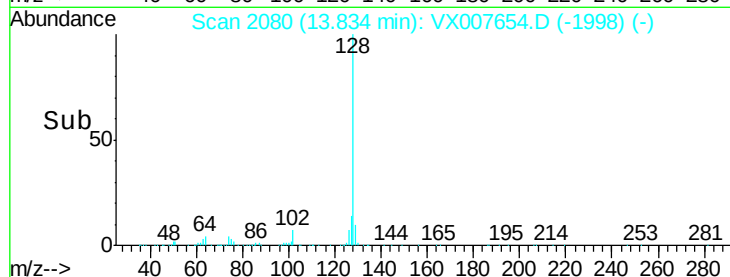
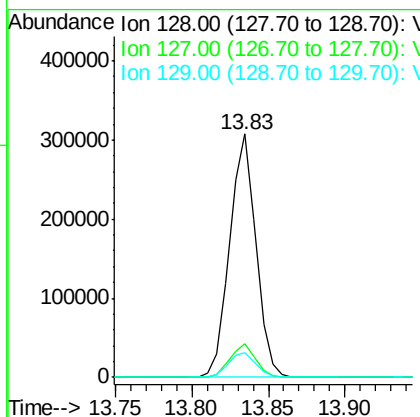
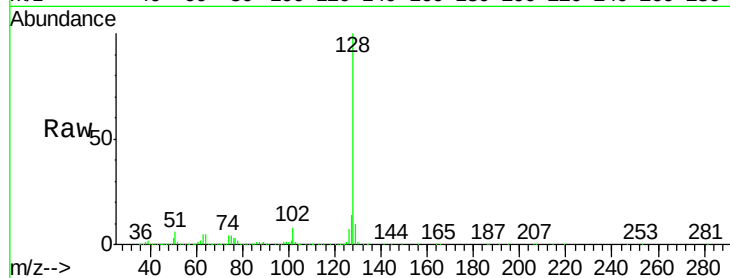
#91
Naphthalene
Concen: 18.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.7	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.439 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007654.D
Acq: 22 Feb 2019 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	0.0	193.0
145	30.8	0.0	63.0

