

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010681.D
 Acq On : 04 Jul 2019 10:35
 Operator : JC/SP
 Sample : K3669-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:54 AM

Quant Time: Jul 05 04:25:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110702	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	5.49	113	104511	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	8.71	98	384637	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	143392	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93347	62.685	ug/l	99
3) Chloromethane	1.32	50	98510	56.810	ug/l	99
4) Vinyl Chloride	1.41	62	108194	56.966	ug/l	98
5) Bromomethane	1.64	94	48383	52.290	ug/l	98
6) Chloroethane	1.72	64	66961	59.758	ug/l	98
7) Trichlorofluoromethane	1.93	101	177731	59.031	ug/l	100
8) Diethyl Ether	2.19	74	61991	57.414	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98912	54.211	ug/l	98
10) Methyl Iodide	2.51	142	116585	44.773	ug/l	97
11) Tert butyl alcohol	3.05	59	117890	224.337	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102488	55.202	ug/l	100
13) Acrolein	2.29	56	85732	245.928	ug/l	100
14) Allyl chloride	2.73	41	138588	52.578	ug/l	98
15) Acrylonitrile	3.14	53	294837	283.377	ug/l	99
16) Acetone	2.45	43	238900	237.359	ug/l	97
17) Carbon Disulfide	2.57	76	260470	52.293	ug/l	100
18) Methyl Acetate	2.78	43	99980	49.840	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	330420	56.572	ug/l	98
20) Methylene Chloride	2.85	84	115864	55.938	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	109169	54.672	ug/l	98
22) Diisopropyl ether	3.85	45	312984	56.793	ug/l	92
23) Vinyl Acetate	3.81	43	1169582	245.667	ug/l	98
24) 1,1-Dichloroethane	3.70	63	178670	56.088	ug/l	99
25) 2-Butanone	4.67	43	392257	265.685	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67312	24.325	ug/l	83
27) cis-1,2-Dichloroethene	4.60	96	222680	96.505	ug/l	95
28) Bromochloromethane	5.01	49	79730	52.349	ug/l	95
29) Tetrahydrofuran	5.13	42	256084	280.029	ug/l	98
30) Chloroform	5.21	83	191027	55.735	ug/l	97
31) Cyclohexane	5.57	56	161300	55.604	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	166758	55.101	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139214	52.324	ug/l	98
37) Ethyl Acetate	4.83	43	129459	47.298	ug/l	98
38) Carbon Tetrachloride	5.79	117	146619	50.890	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175618	50.216	ug/l	97
40) Benzene	6.14	78	444840	53.666	ug/l	98
41) Methacrylonitrile	5.04	41	79716	53.080	ug/l	99
42) 1,2-Dichloroethane	6.19	62	147639	58.513	ug/l	97
43) Isopropyl Acetate	6.45	43	223500	49.354	ug/l	98
44) Trichloroethene	7.21	130	127119	51.252	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111714	53.370	ug/l	100
46) Dibromomethane	7.66	93	81942	54.561	ug/l	94
47) Bromodichloromethane	7.90	83	143987	52.315	ug/l	98
48) Methyl methacrylate	7.77	41	117207	55.682	ug/l	99
49) 1,4-Dioxane	7.74	88	53108	875.831	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	797839	275.472	ug/l	98
52) Toluene	8.78	92	286956	52.569	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138910	45.017	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153689	45.832	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120411	53.486	ug/l	98
56) Ethyl methacrylate	9.18	69	182991	53.658	ug/l	96
57) 1,3-Dichloropropane	9.37	76	188278	53.876	ug/l	100
59) 2-Hexanone	9.49	43	609736	267.491	ug/l	98
60) Dibromochloromethane	9.58	129	126525	50.195	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128397	52.839	ug/l	99
64) Tetrachloroethene	9.34	164	114846	46.059	ug/l	99
65) Chlorobenzene	10.14	112	819859	130.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116681	51.182	ug/l	99
67) Ethyl Benzene	10.25	91	558134	52.824	ug/l	99
68) m/p-Xylenes	10.36	106	424814	103.763	ug/l	99
69) o-Xylene	10.69	106	209342	51.996	ug/l	98
70) Styrene	10.71	104	354880	52.559	ug/l	99
71) Bromoform	10.85	173	96893	48.874	ug/l #	99
73) Isopropylbenzene	11.02	105	566017	52.538	ug/l	98
74) N-amyl acetate	10.90	43	189107	46.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183542	51.443	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148113m	51.142	ug/l	
77) Bromobenzene	11.26	156	150172	49.920	ug/l	96
78) n-propylbenzene	11.36	91	615241	51.961	ug/l	99
79) 2-Chlorotoluene	11.42	91	363515	51.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465298	52.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42778	34.459	ug/l	90
82) 4-Chlorotoluene	11.51	91	422754	52.693	ug/l	99
83) tert-Butylbenzene	11.77	119	497887	55.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	469012	52.562	ug/l	99
85) sec-Butylbenzene	11.94	105	578147	55.238	ug/l	98
86) p-Isopropyltoluene	12.06	119	492132	50.834	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	262696	50.027	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	270049	50.515	ug/l	99
89) n-Butylbenzene	12.38	91	417597	50.762	ug/l	100
90) Hexachloroethane	12.60	117	81124	48.461	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	263282	50.447	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38556	50.121	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	175450	48.477	ug/l	99

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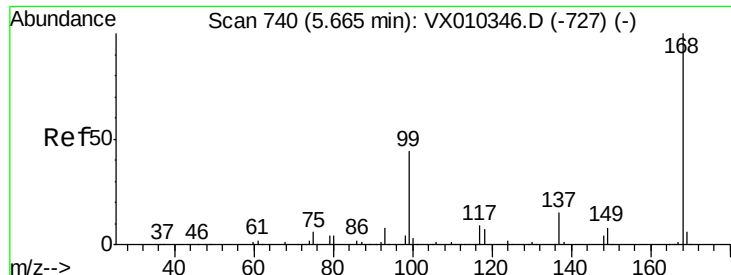
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	83931	47.449	ug/l	98
95) Naphthalene	13.83	128	562579	50.582	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180308	50.107	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:168 Resp: 214195

Ion Ratio Lower Upper

168 100

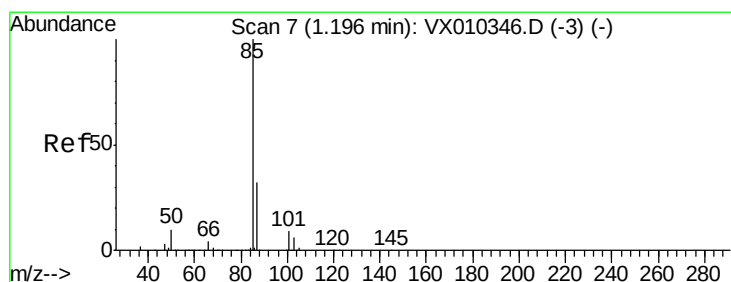
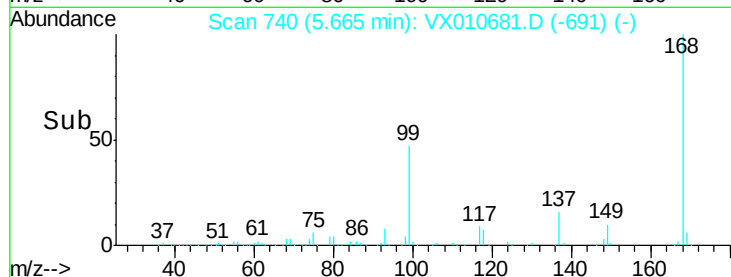
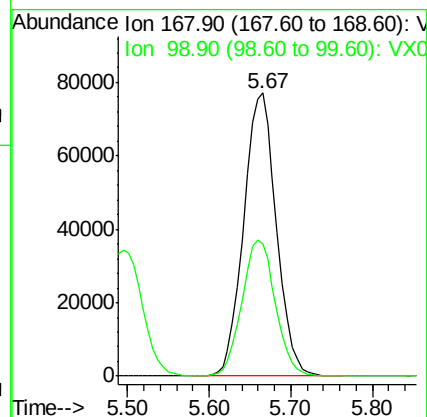
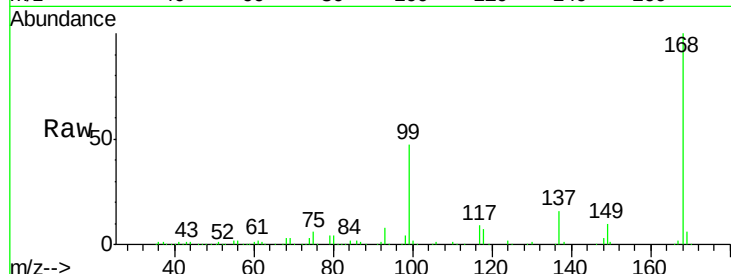
99 46.5 35.5 53.3

Manual Integrations

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7/8/2019 10:58:54 AM



#2

Dichlorodifluoromethane

Concen: 62.685 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010681.D

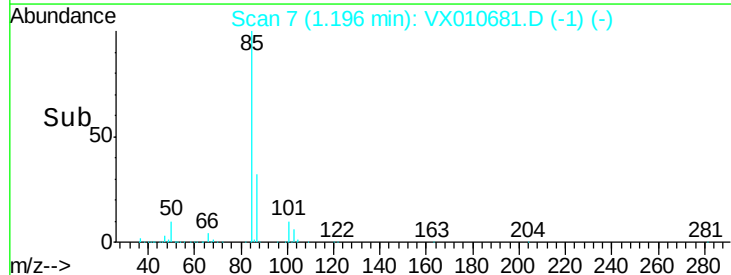
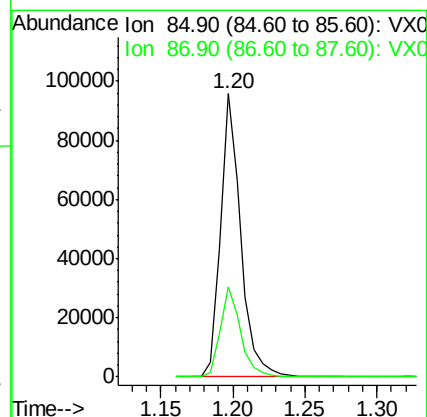
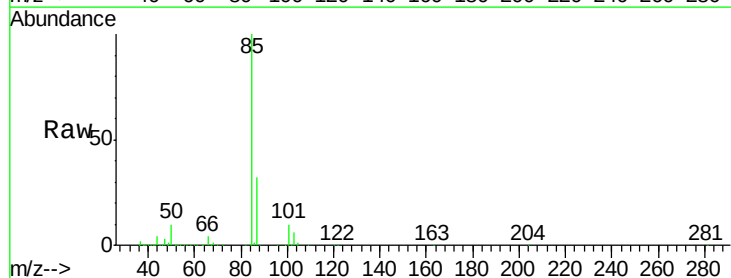
Acq: 04 Jul 2019 10:35

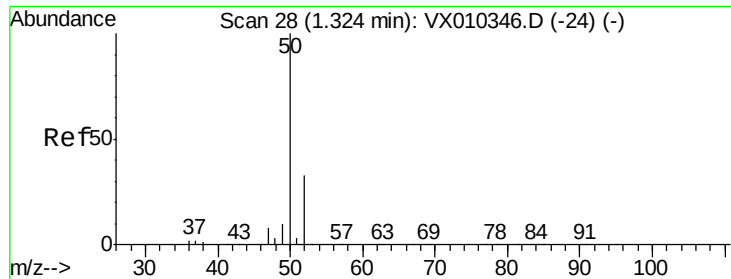
Tgt Ion: 85 Resp: 93347

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8





#3

Chloromethane

Concen: 56.810 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 50 Resp: 98510

Ion Ratio Lower Upper

50 100

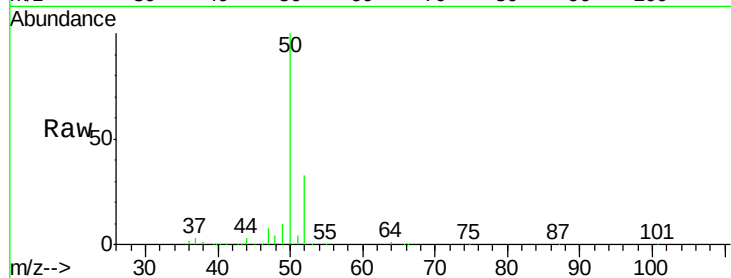
52 32.6 26.5 39.7

Manual Integrations

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7/8/2019 10:58:54 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

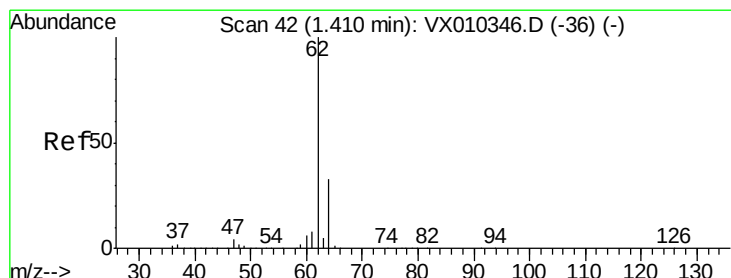
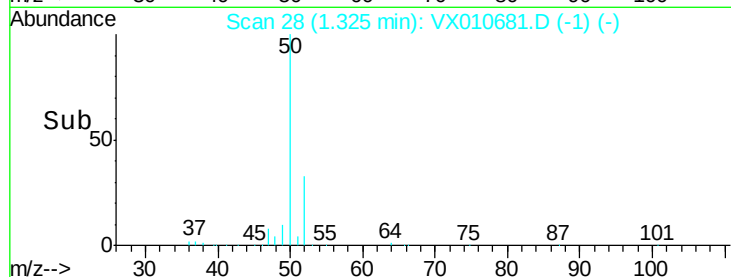
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 56.966 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010681.D

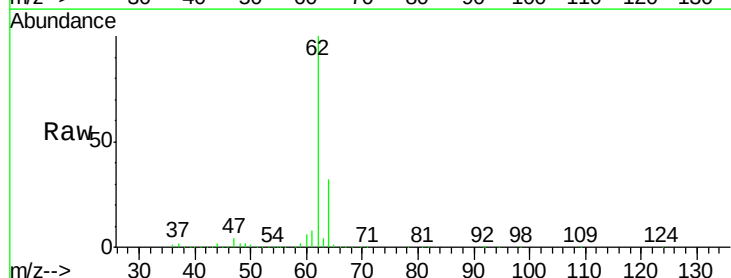
Acq: 04 Jul 2019 10:35

Tgt Ion: 62 Resp: 108194

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

60000

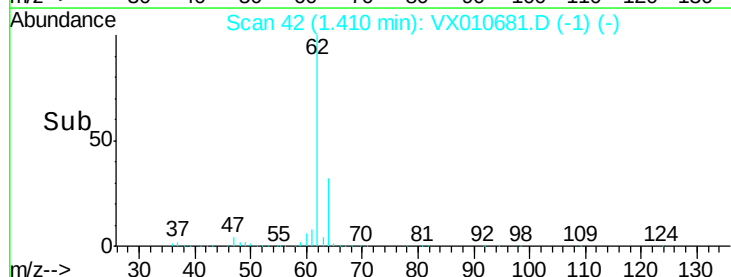
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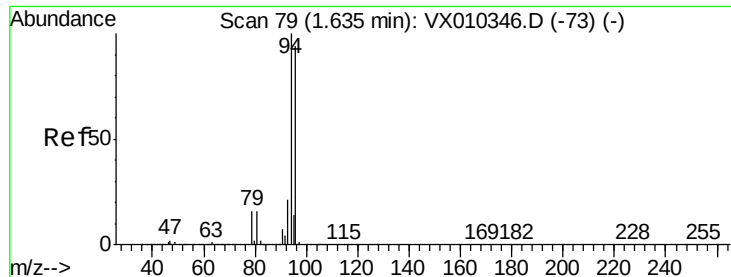
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 52.290 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 94 Resp: 48383

Ion Ratio Lower Upper

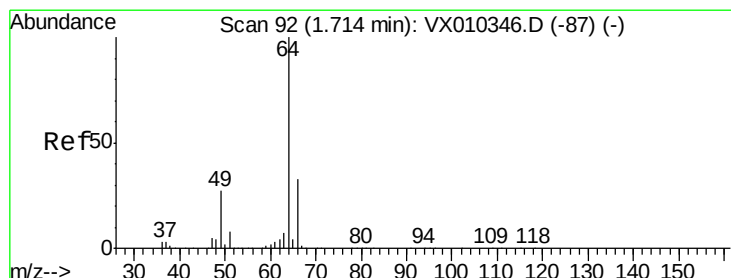
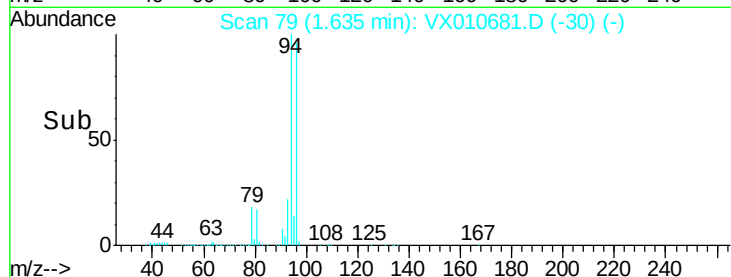
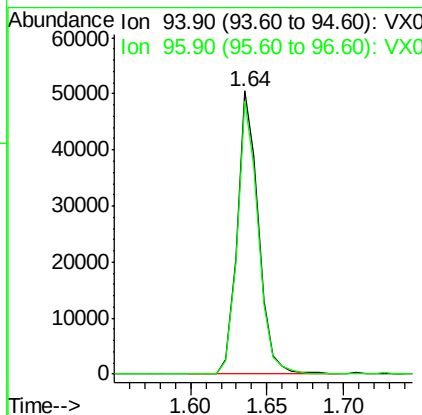
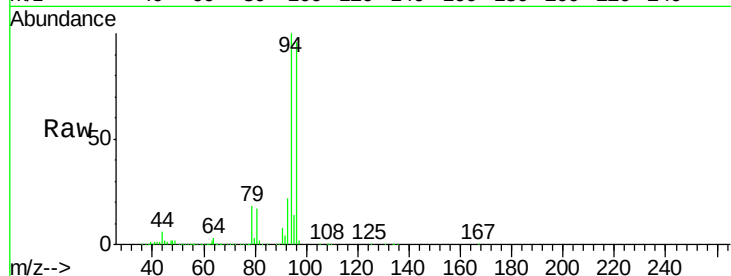
94 100

96 96.3 75.5 113.3

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7/8/2019 10:58:54 AM



#6

Chloroethane

Concen: 59.758 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010681.D

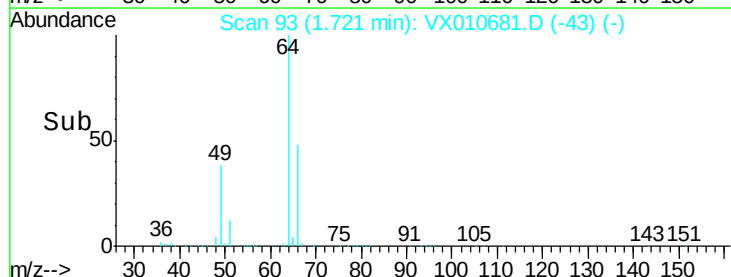
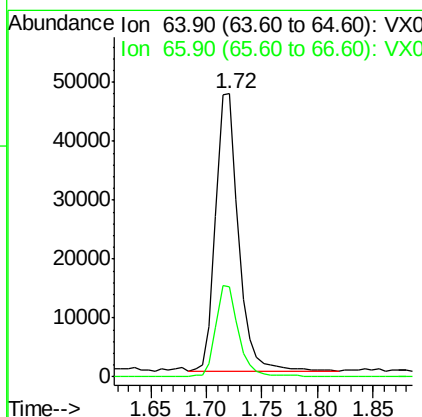
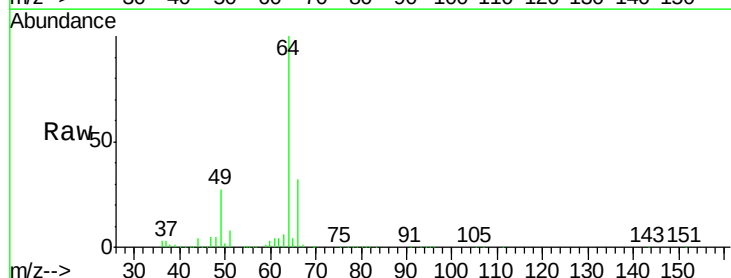
Acq: 04 Jul 2019 10:35

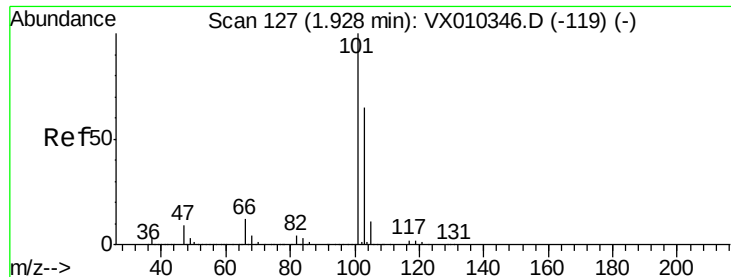
Tgt Ion: 64 Resp: 66961

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0





#7

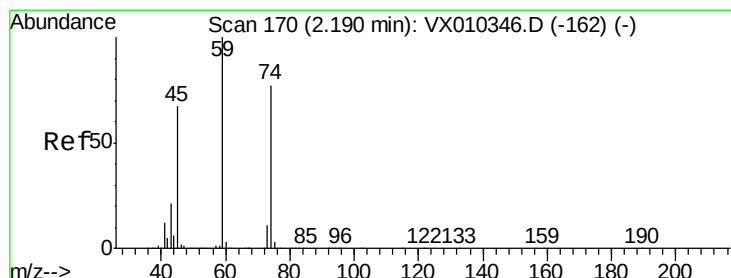
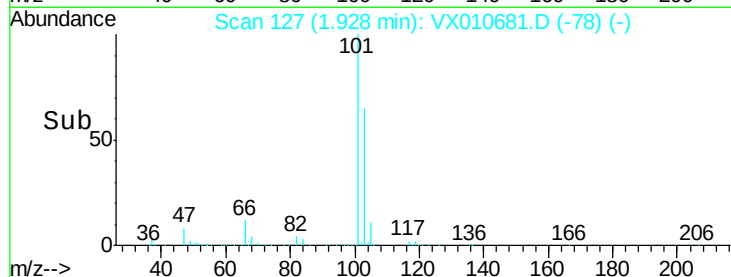
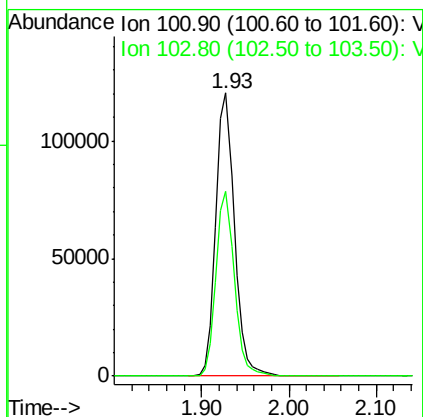
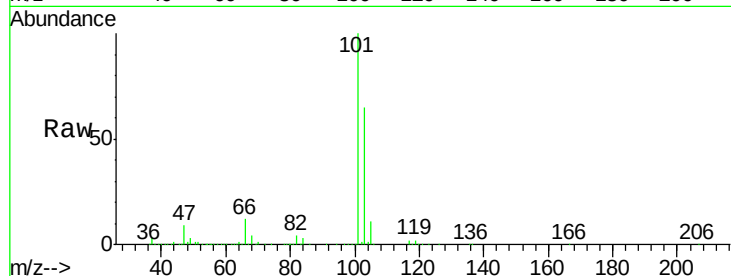
Trichlorofluoromethane
Concen: 59.031 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010681.D
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Instrument :
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ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

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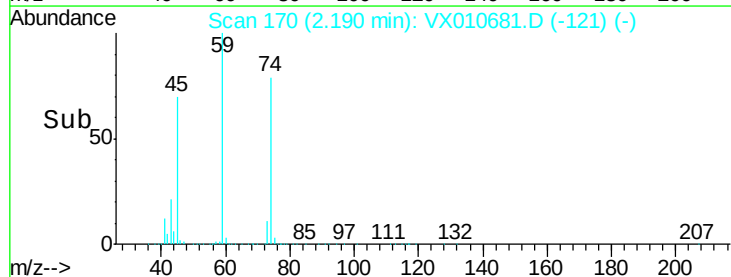
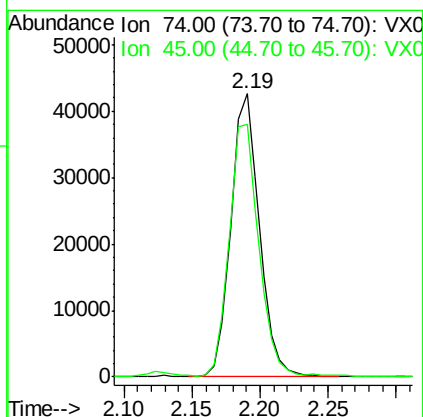
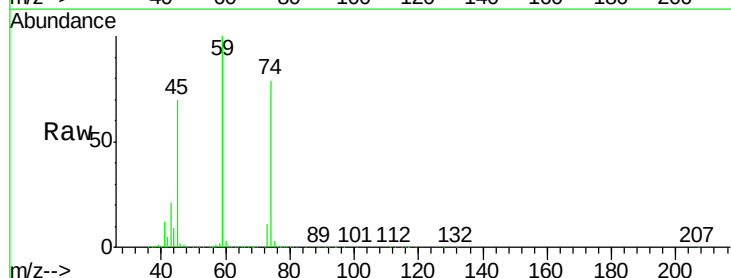
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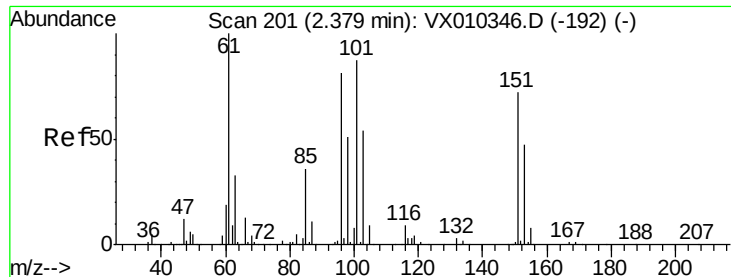


#8

Diethyl Ether
Concen: 57.414 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.211 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

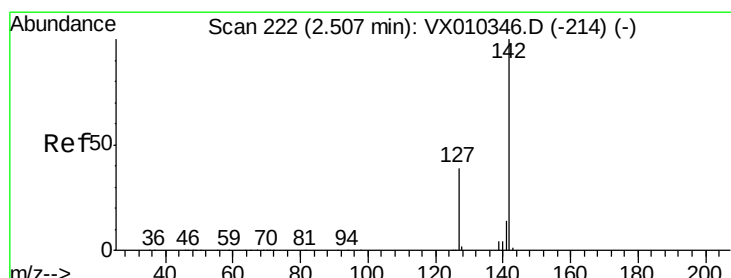
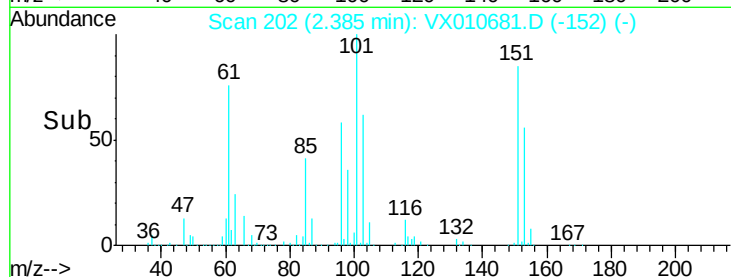
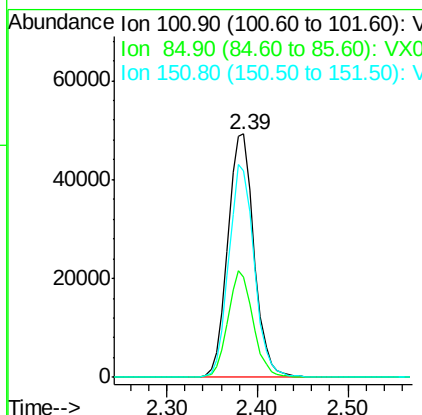
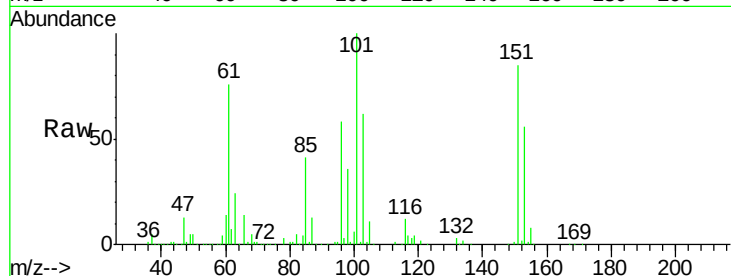
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	101	Resp:	98912
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	84.9	70.1	105.1

Manual Integrations
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7/8/2019 10:58:54 AM



#10

Methyl Iodide

Concen: 44.773 ug/l

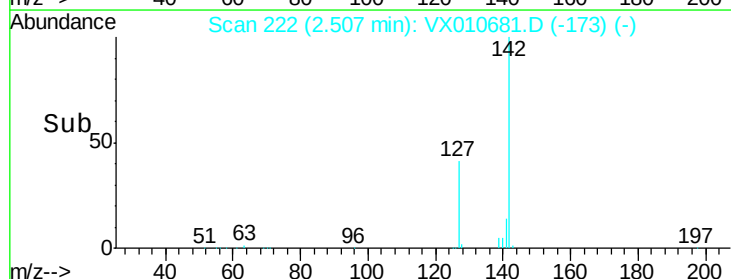
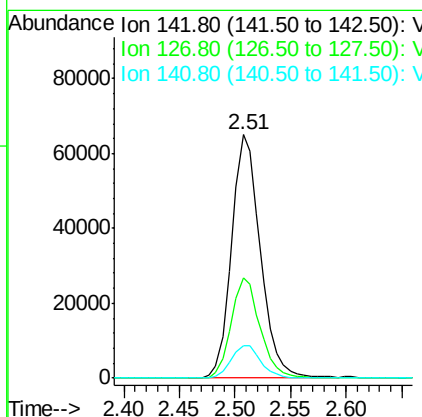
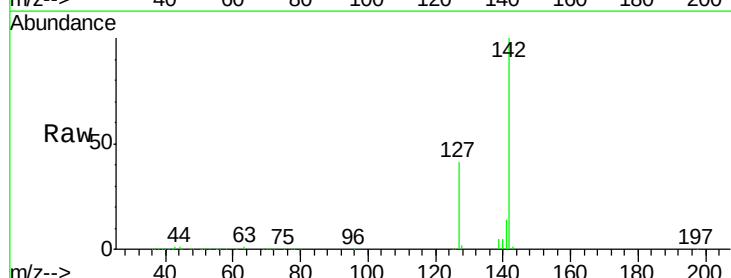
RT: 2.51 min Scan# 222

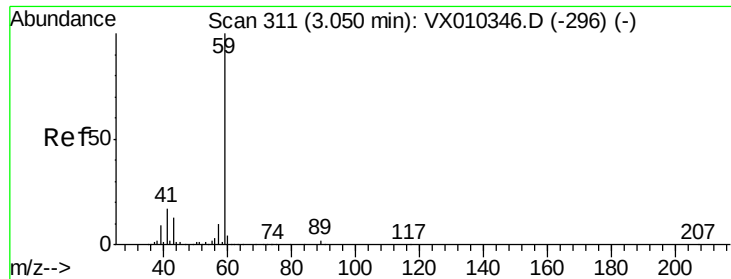
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	142	Resp:	116585
Ion Ratio	Lower	Upper	
142	100		
127	41.5	31.1	46.7
141	14.1	11.2	16.8





#11

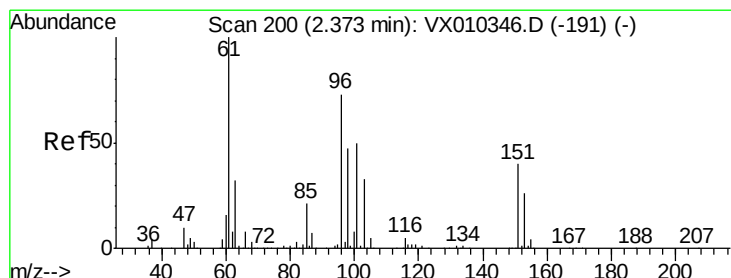
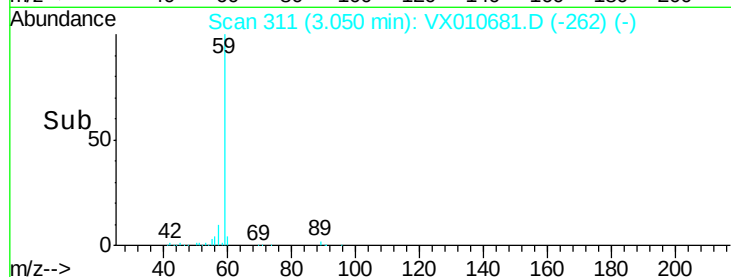
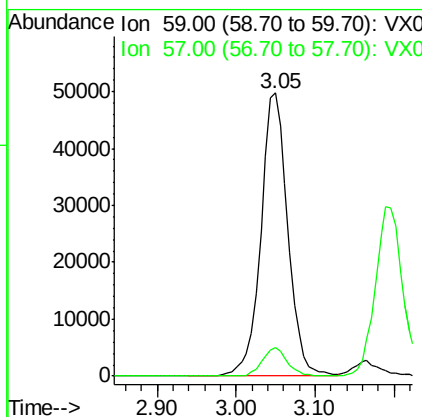
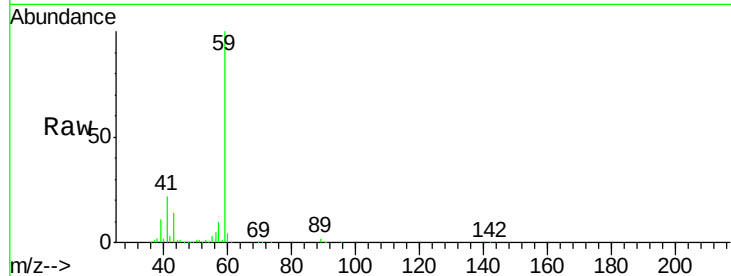
Tert butyl alcohol
Concen: 224.337 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 59 Resp: 117890
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5

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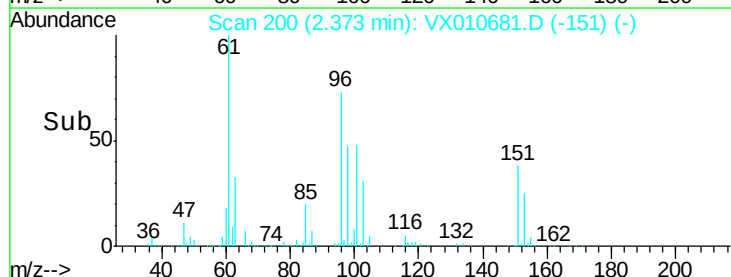
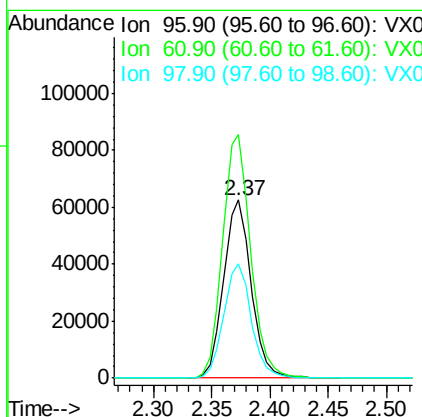
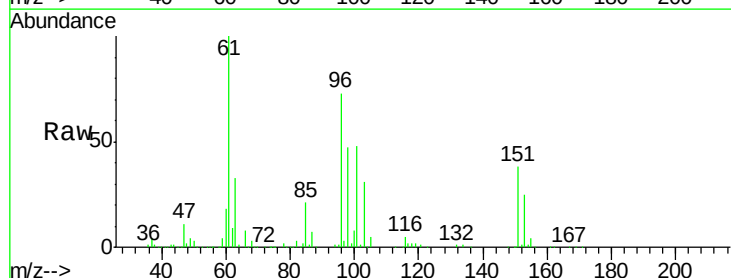
MMDadoda
7/8/2019 10:58:54 AM

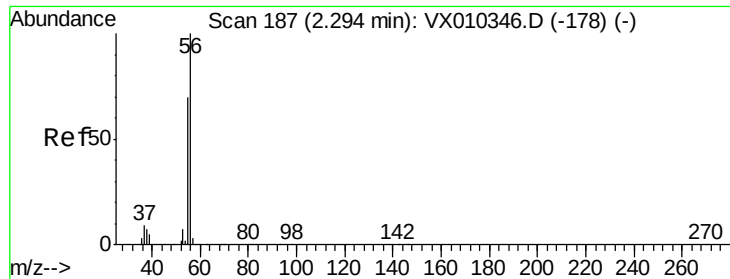


#12

1,1-Dichloroethene
Concen: 55.202 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 96 Resp: 102488
Ion Ratio Lower Upper
96 100
61 136.5 109.2 163.8
98 64.3 51.1 76.7





#13

Acrolein

Concen: 245.928 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 56 Resp: 85732

Ion Ratio Lower Upper

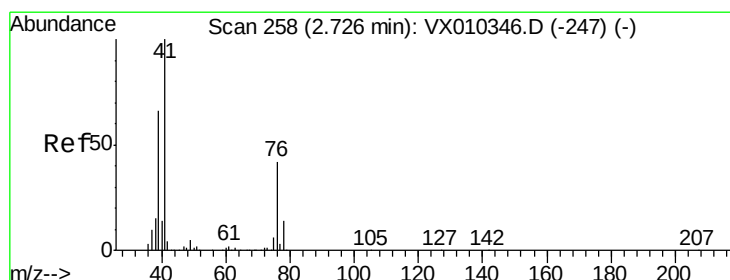
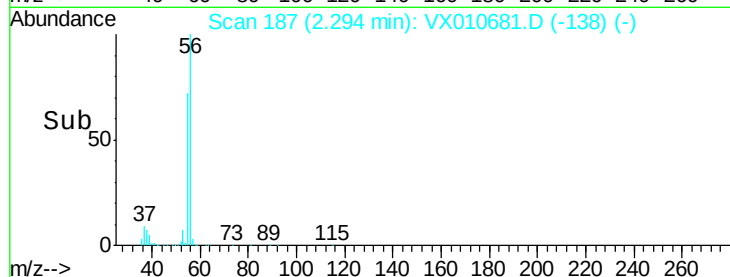
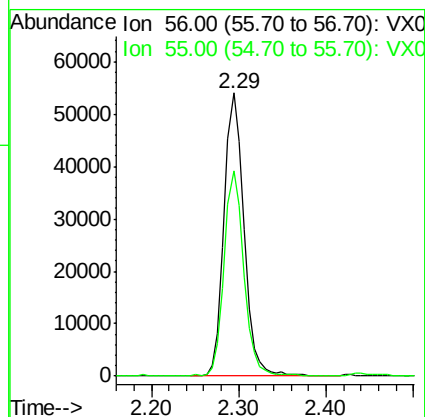
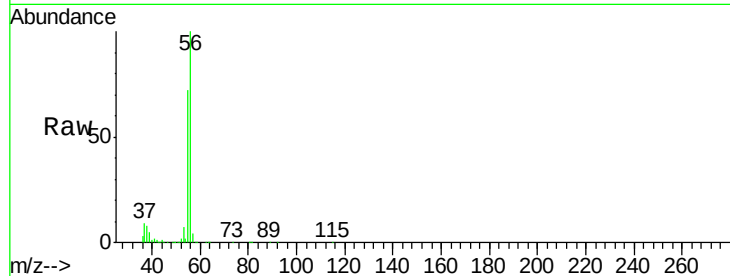
56 100

55 71.1 56.9 85.3

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#14

Allyl chloride

Concen: 52.578 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

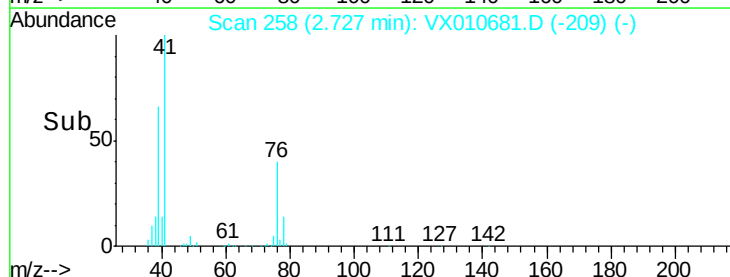
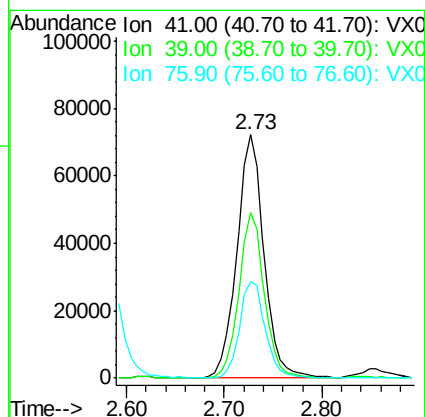
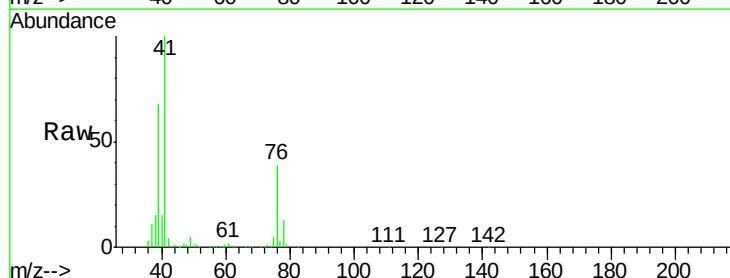
Tgt Ion: 41 Resp: 138588

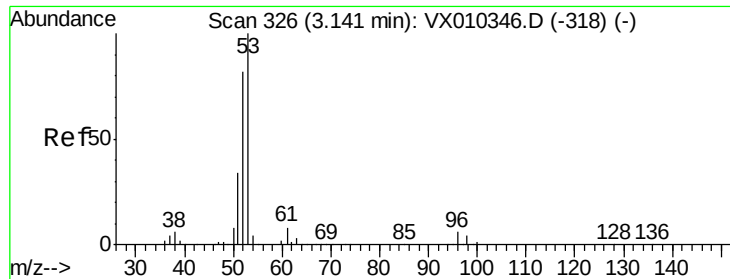
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 37.3 31.3 46.9





#15

Acrylonitrile

Concen: 283.377 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

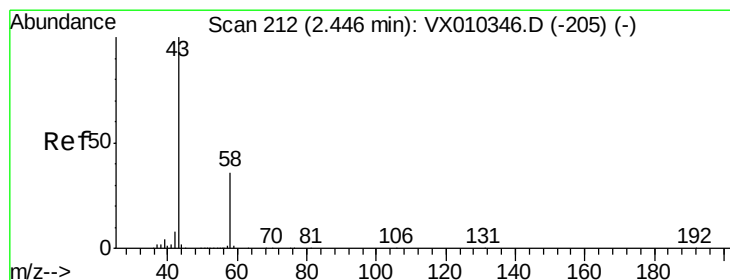
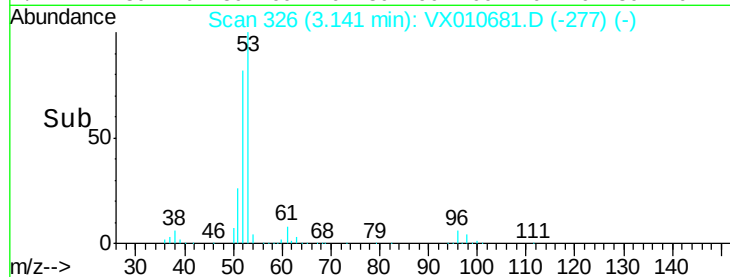
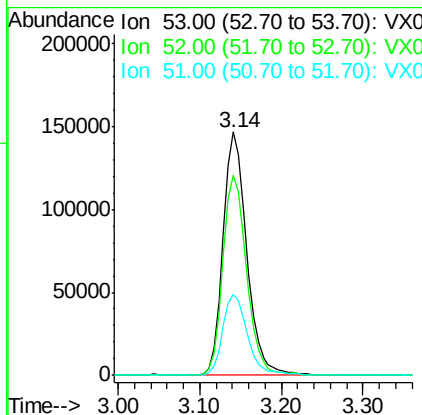
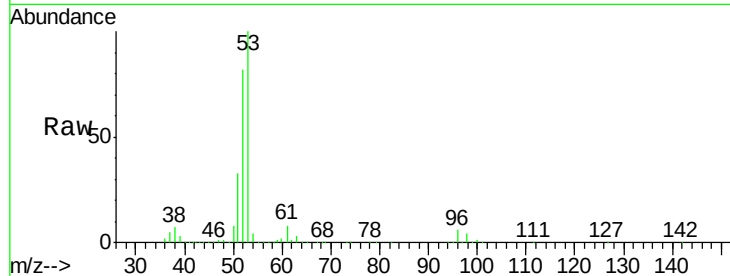
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	53	Resp:	294837
Ion Ratio		Lower	Upper
53	100		
52	82.7	65.5	98.3
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 237.359 ug/l

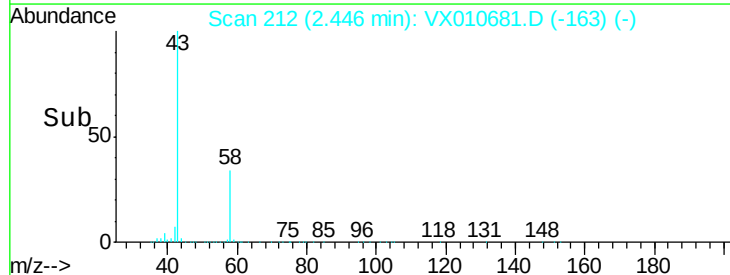
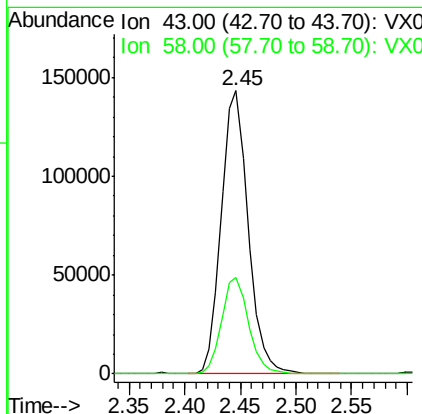
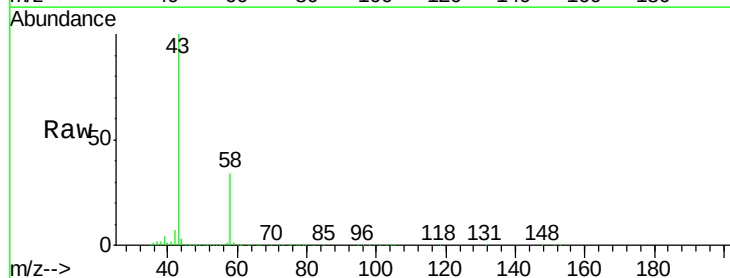
RT: 2.45 min Scan# 212

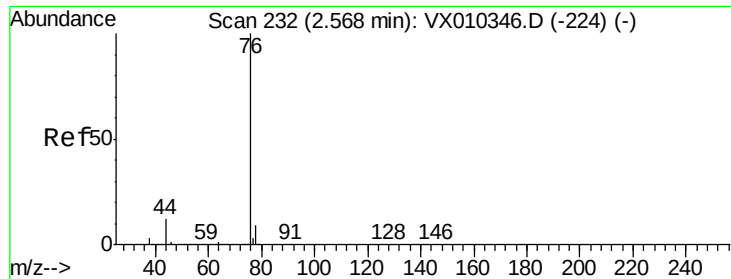
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	43	Resp:	238900
Ion Ratio		Lower	Upper
43	100		
58	34.2	28.9	43.3





#17

Carbon Disulfide

Concen: 52.293 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 76 Resp: 260470

Ion Ratio Lower Upper

76 100

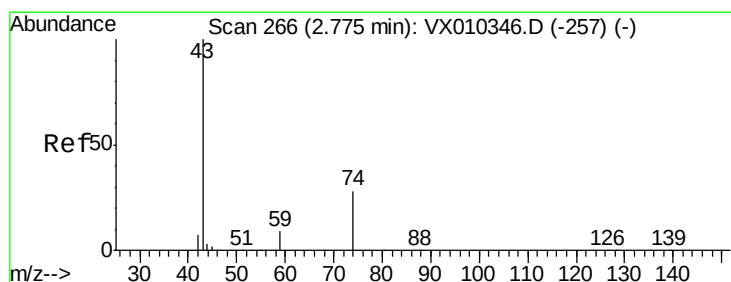
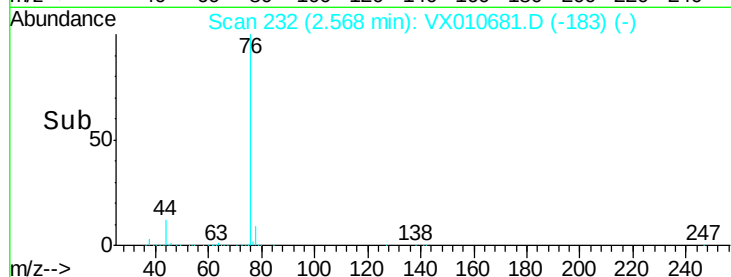
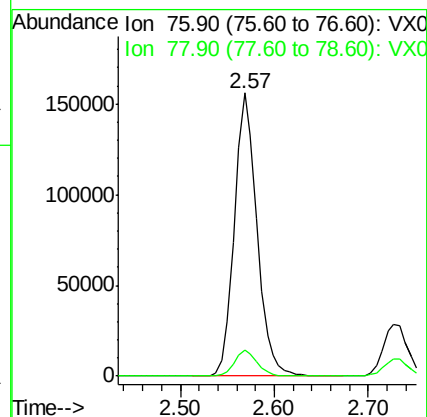
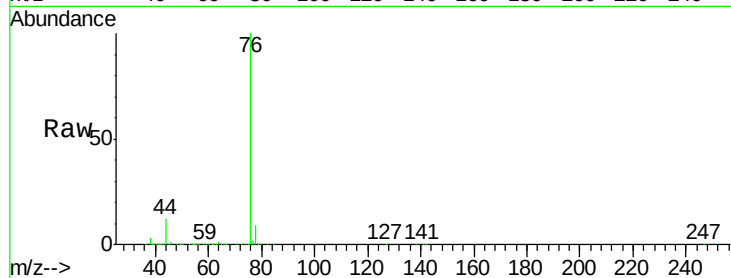
78 9.3 7.3 10.9

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#18

Methyl Acetate

Concen: 49.840 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010681.D

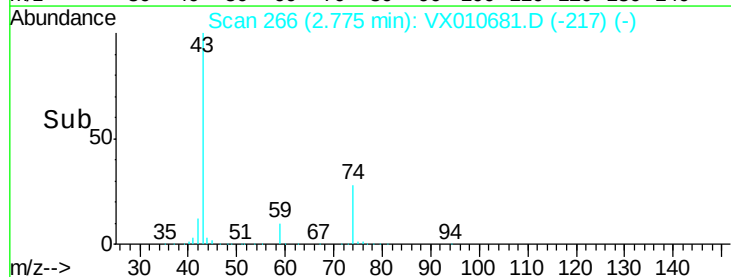
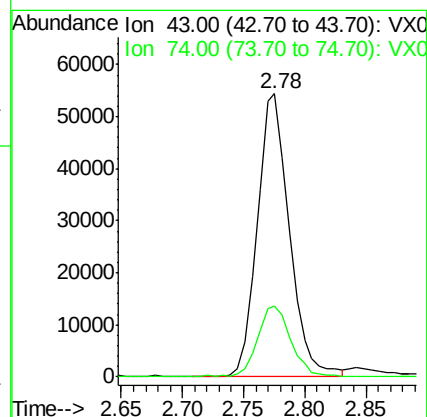
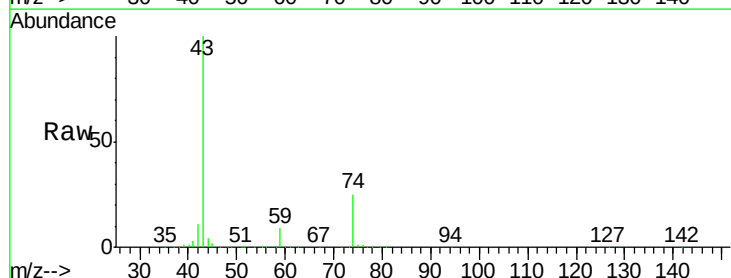
Acq: 04 Jul 2019 10:35

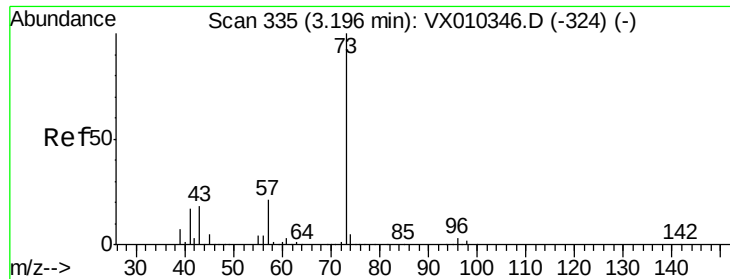
Tgt Ion: 43 Resp: 99980

Ion Ratio Lower Upper

43 100

74 26.4 21.3 31.9





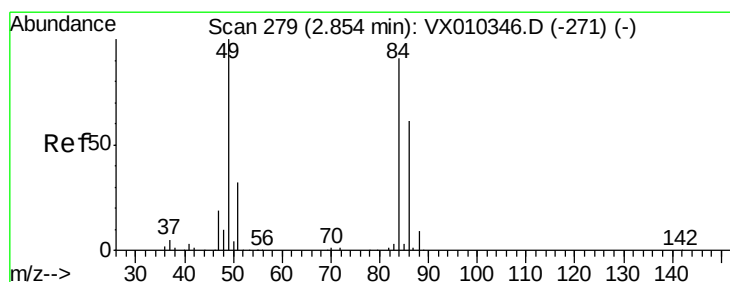
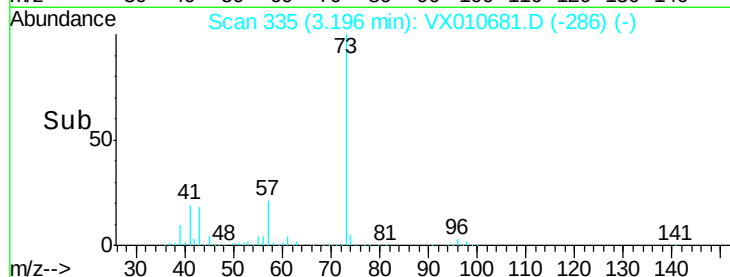
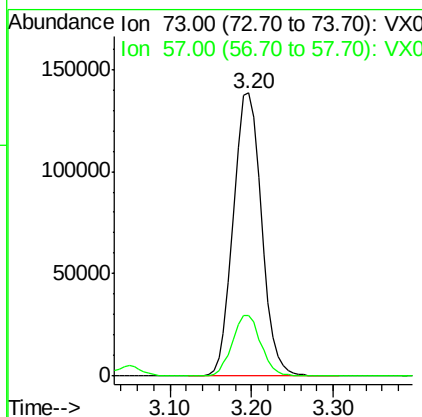
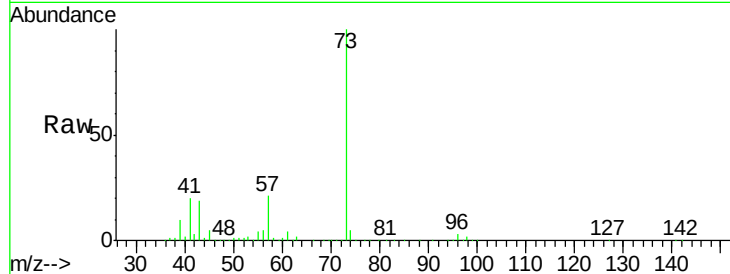
#19
Methyl tert-butyl Ether
Concen: 56.572 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 73 Resp: 330420
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6

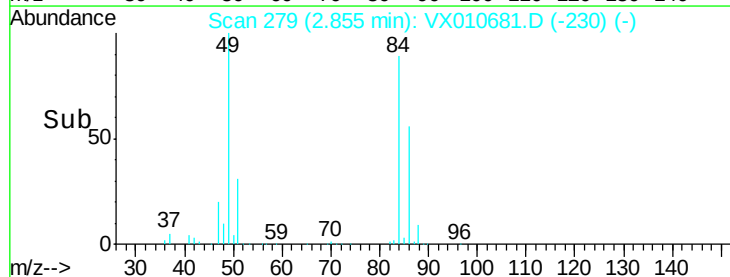
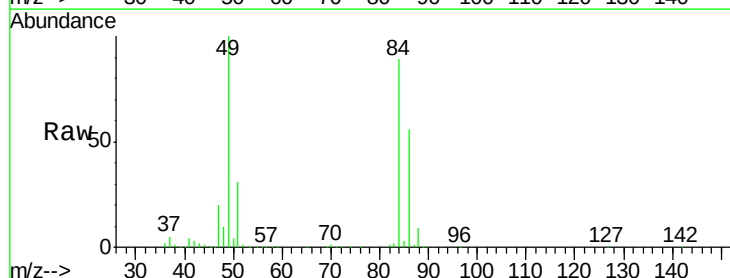
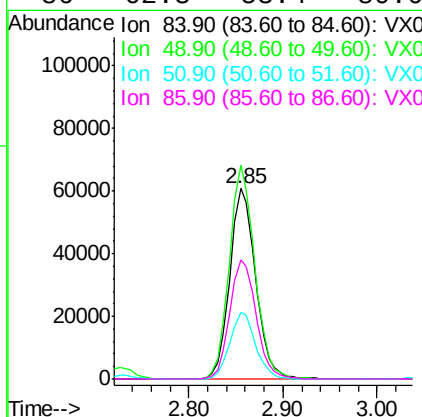
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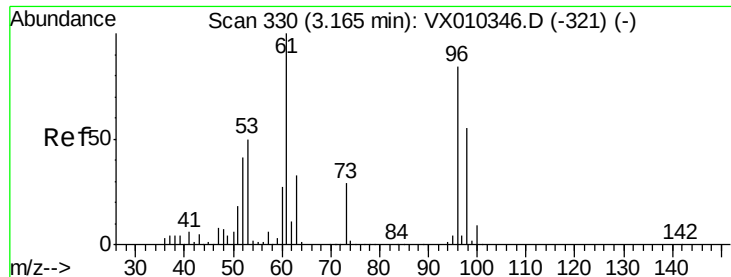
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#20
Methylene Chloride
Concen: 55.938 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 84 Resp: 115864
Ion Ratio Lower Upper
84 100
49 112.1 87.5 131.3
51 34.7 27.7 41.5
86 62.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 54.672 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

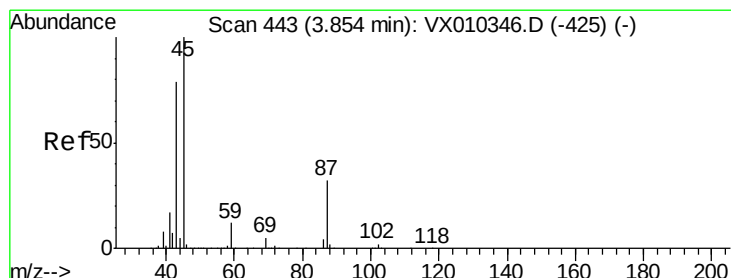
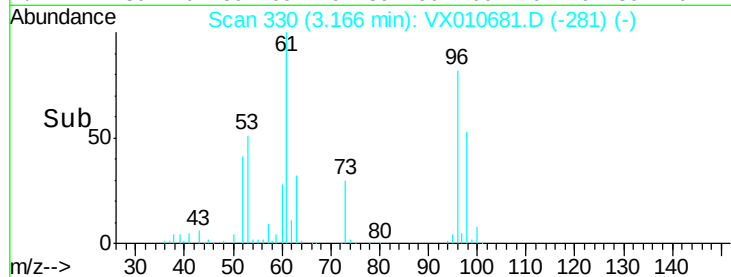
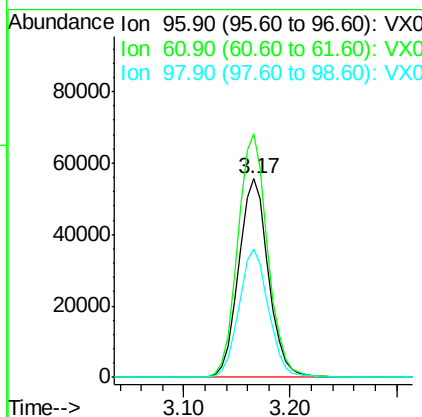
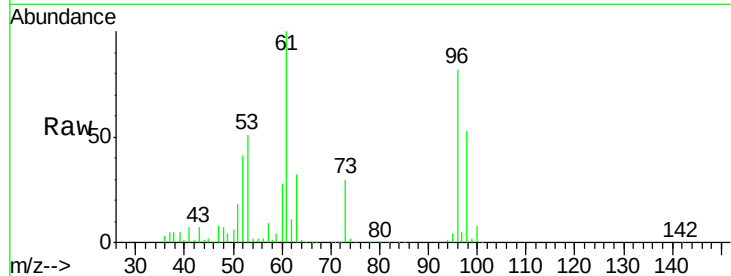
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	96	Resp:	109169
Ion	Ratio	Lower	Upper
96	100		
61	122.7	95.6	143.4
98	64.4	52.5	78.7

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#22

Diisopropyl ether

Concen: 56.793 ug/l

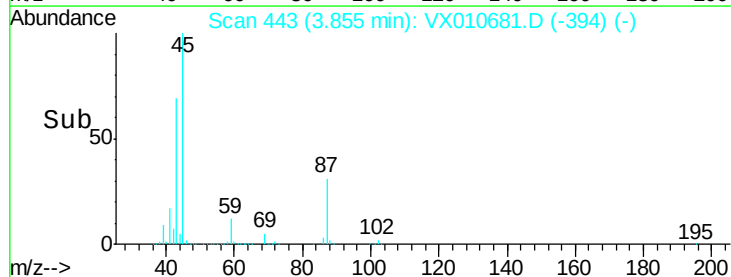
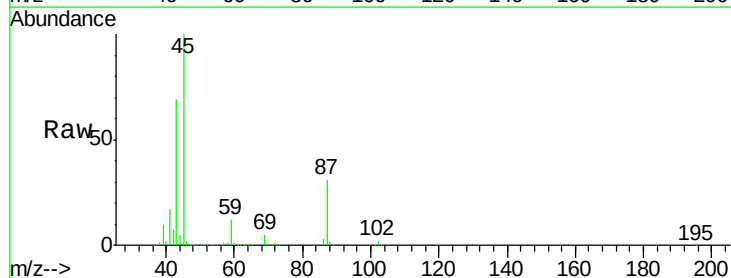
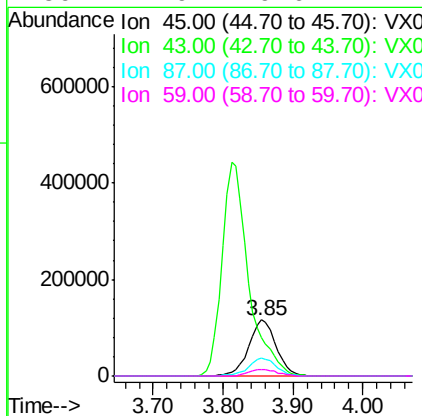
RT: 3.85 min Scan# 443

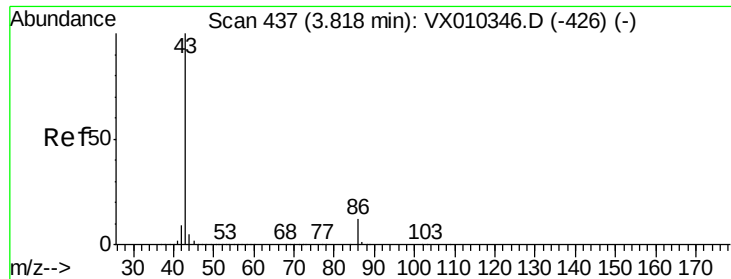
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	45	Resp:	312984
Ion	Ratio	Lower	Upper
45	100		
43	68.7	63.3	94.9
87	31.2	25.8	38.8
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 245.667 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 43 Resp: 1169582

Ion Ratio Lower Upper

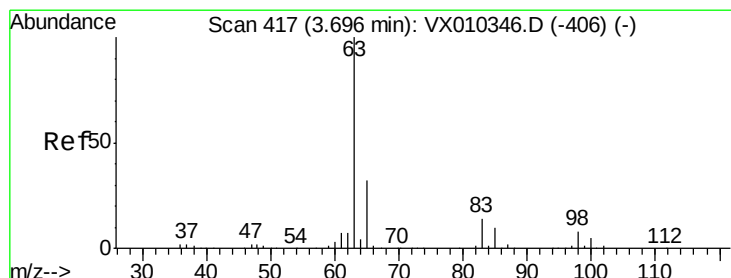
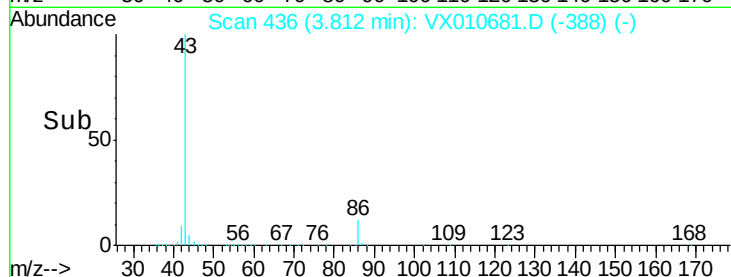
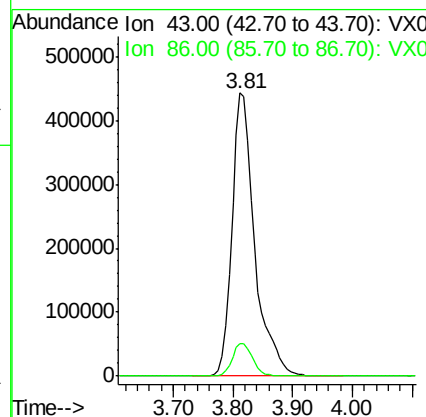
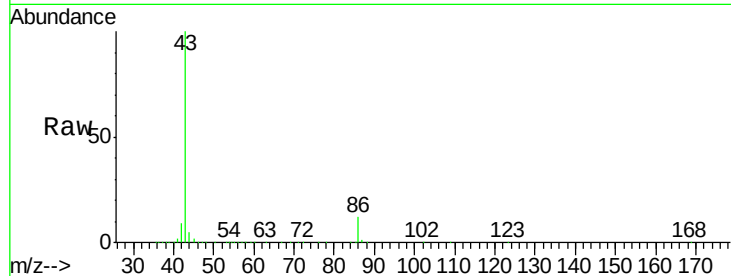
43 100

86 11.7 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 56.088 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

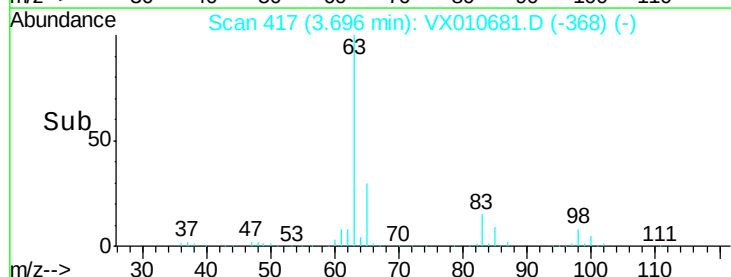
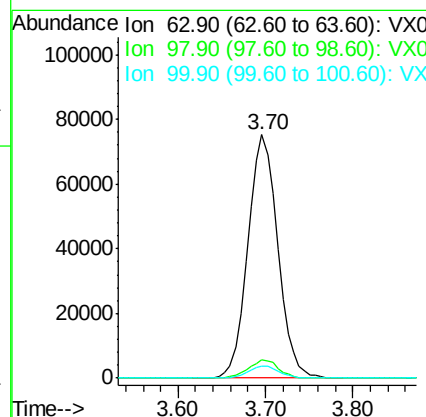
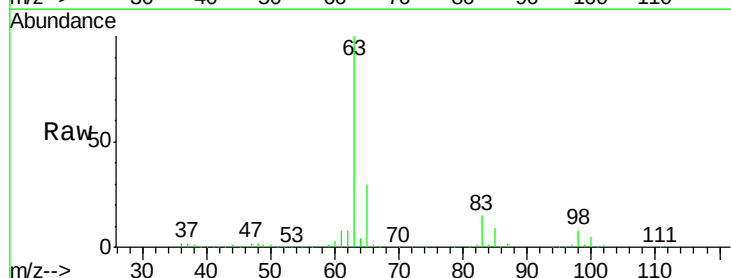
Tgt Ion: 63 Resp: 178670

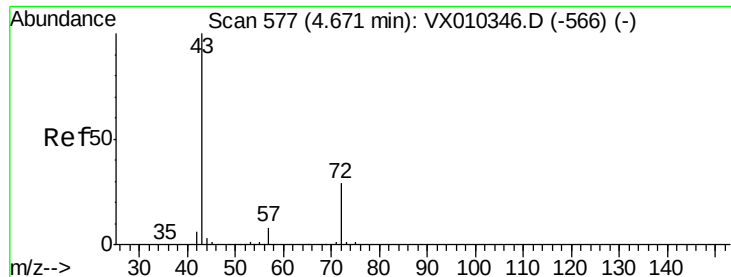
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 265.685 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 43 Resp: 392257

Ion Ratio Lower Upper

43 100

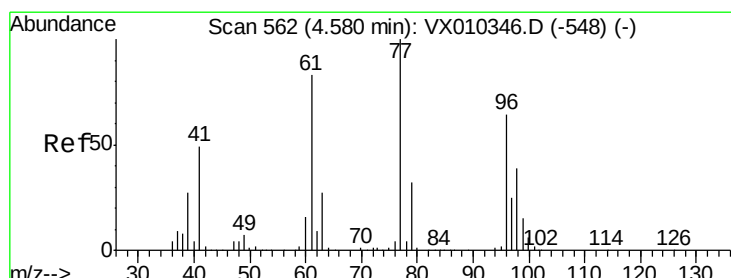
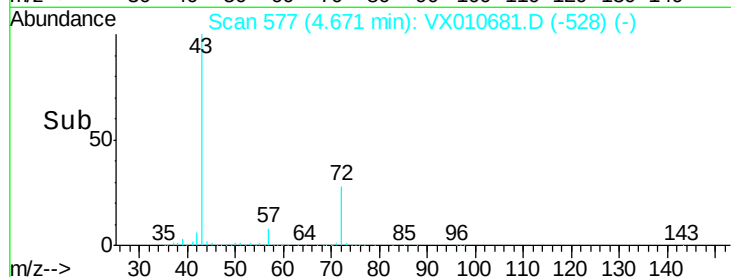
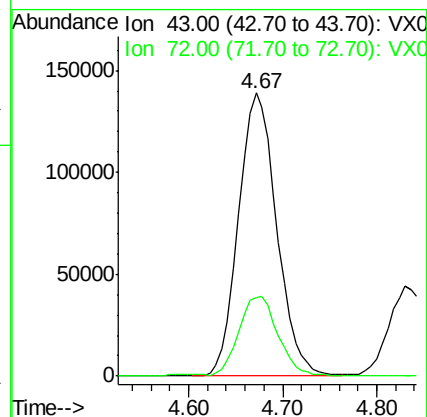
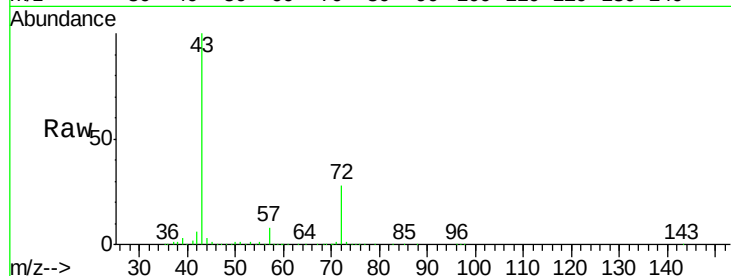
72 27.7 23.3 34.9

Manual Integrations

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7/8/2019 10:58:54 AM



#26

2,2-Dichloropropane

Concen: 24.325 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010681.D

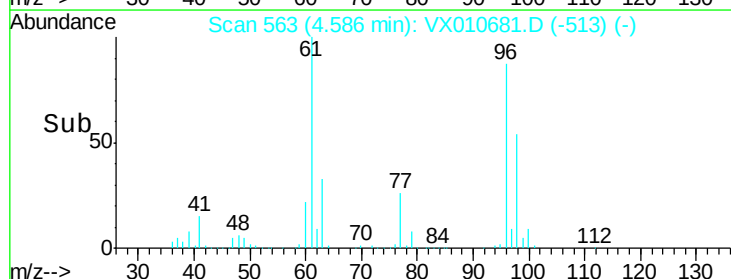
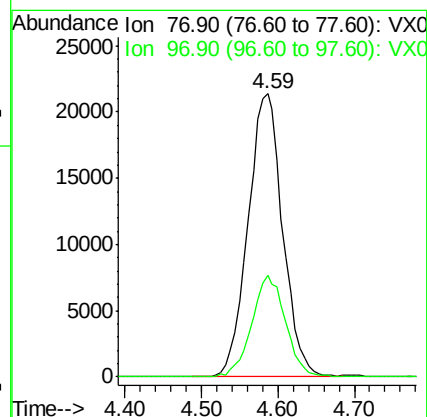
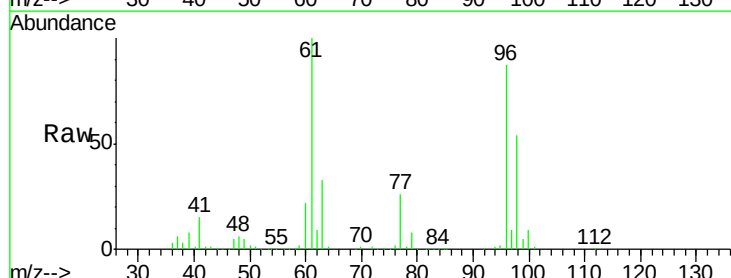
Acq: 04 Jul 2019 10:35

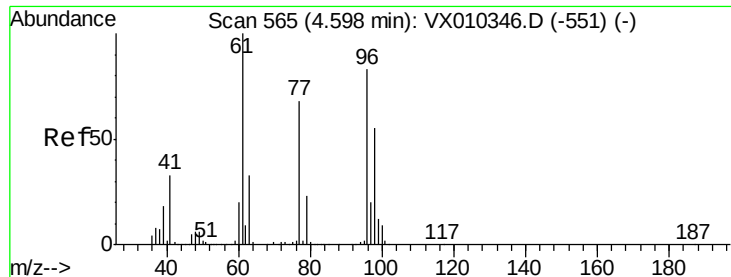
Tgt Ion: 77 Resp: 67312

Ion Ratio Lower Upper

77 100

97 34.9 13.1 39.3





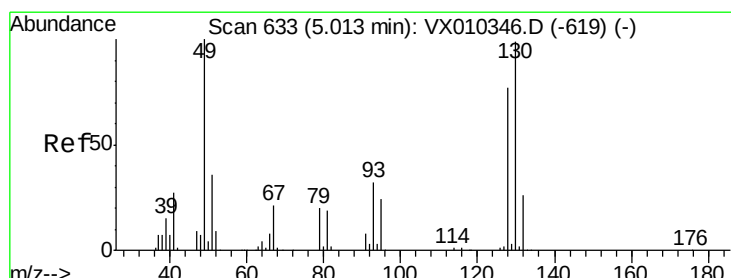
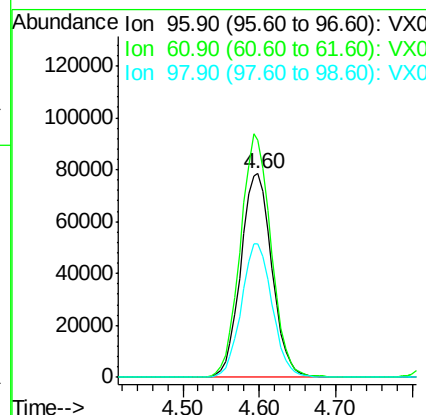
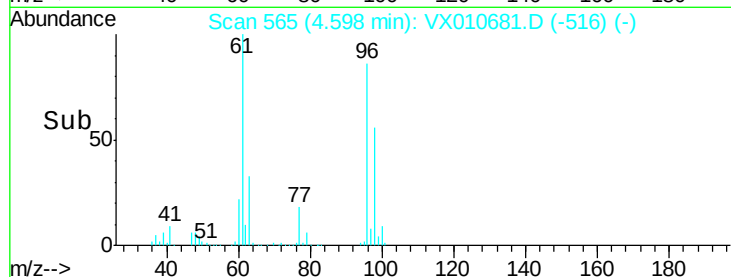
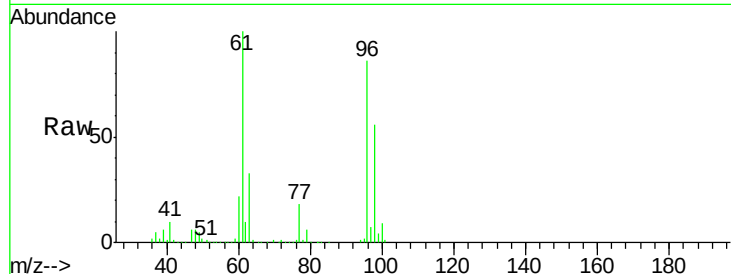
#27
 cis-1,2-Dichloroethene
 Concen: 96.505 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	222680		
61	117.4	0.0	251.8	
98	64.6	0.0	129.4	

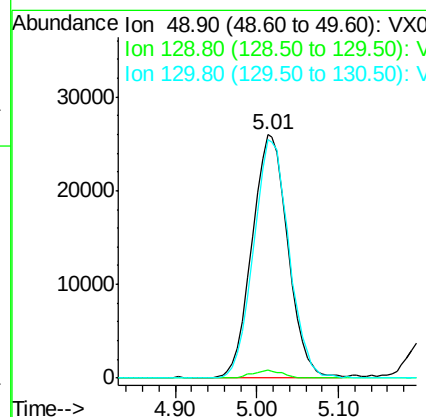
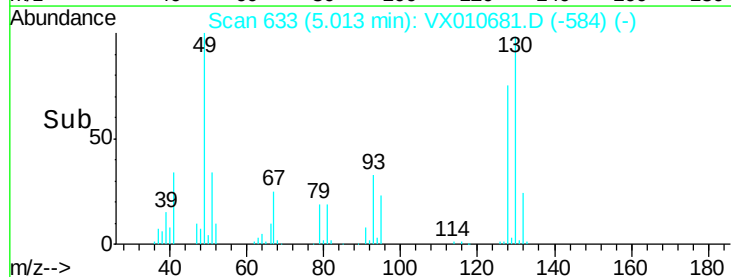
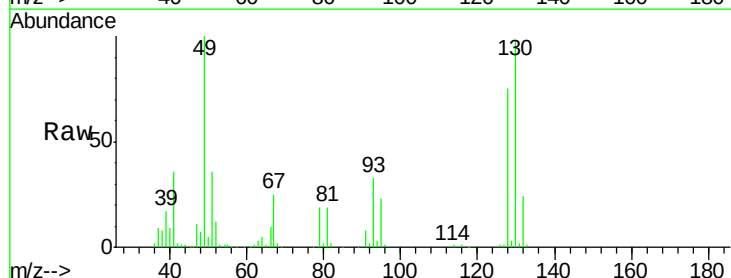
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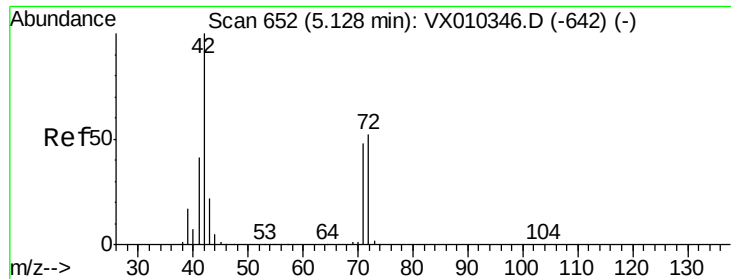
MMDadoda
 7/8/2019 10:58:54 AM



#28
 Bromochloromethane
 Concen: 52.349 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79730		
129	2.8	0.0	5.6	
130	96.6	81.4	122.0	





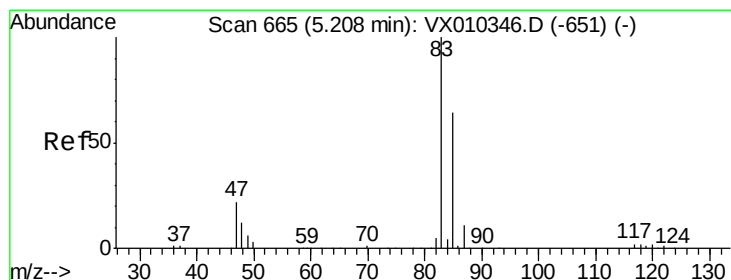
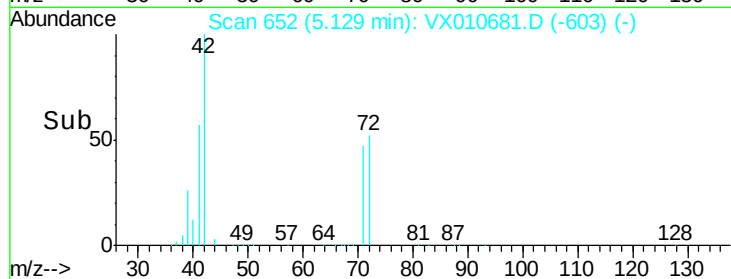
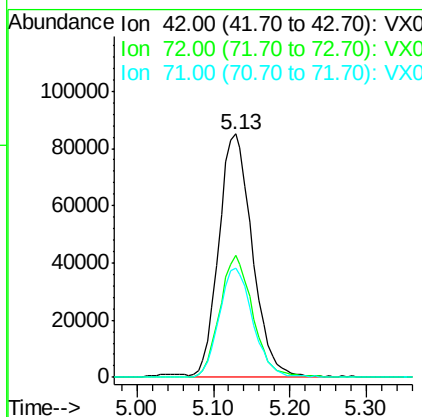
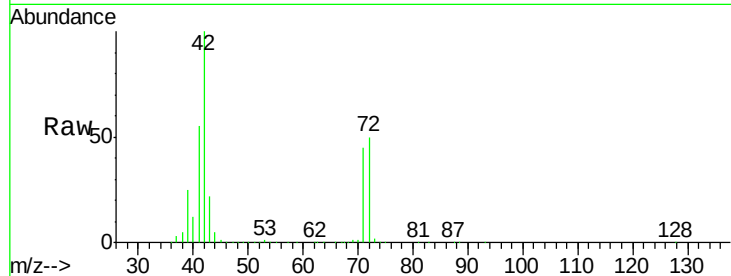
#29
Tetrahydrofuran
Concen: 280.029 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	40.6	60.8
71	45.1	37.8	56.8

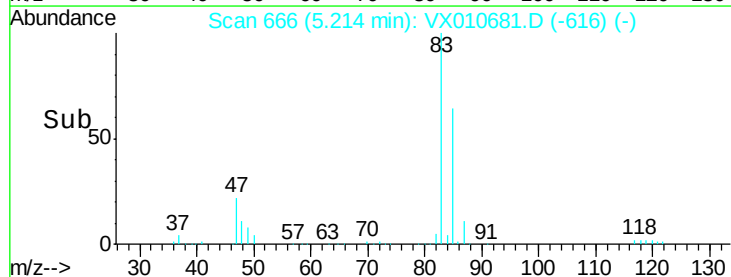
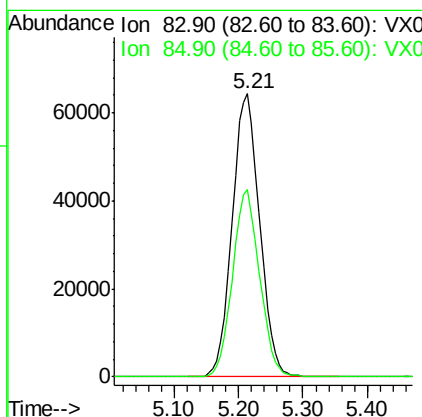
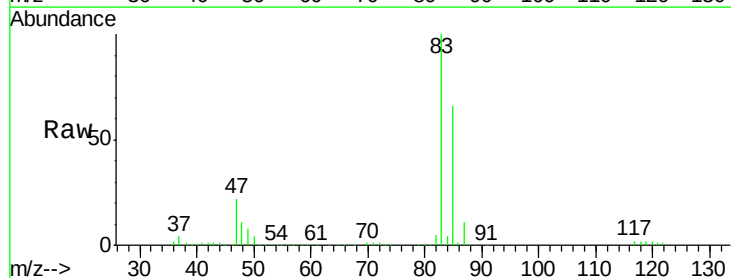
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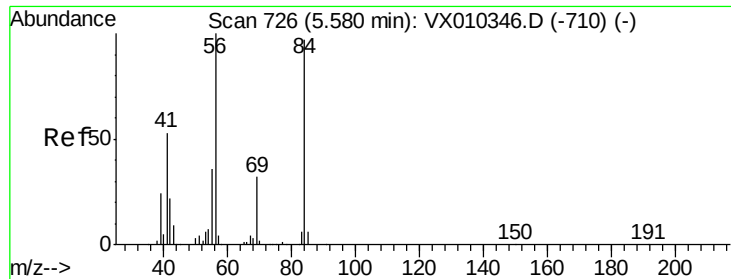
MMDadoda
7/8/2019 10:58:54 AM



#30
Chloroform
Concen: 55.735 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31

Cyclohexane

Concen: 55.604 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

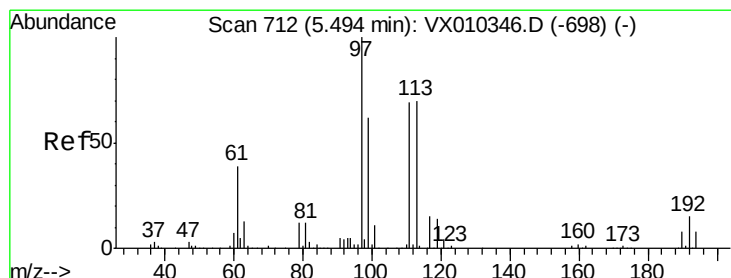
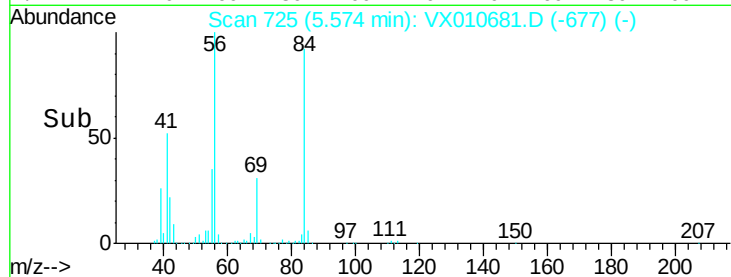
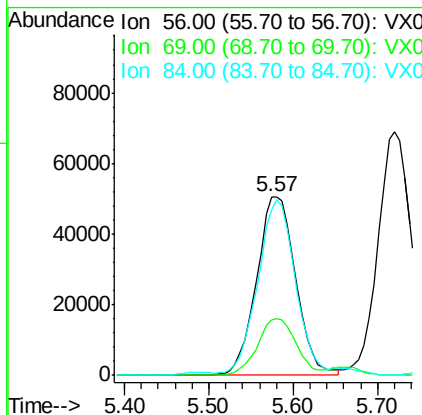
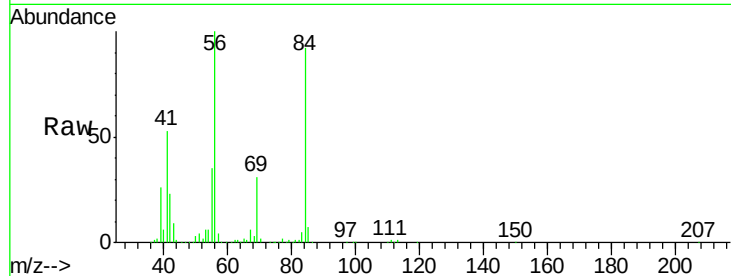
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	56	Resp:	161300
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	90.6	78.0	117.0

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7/8/2019 10:58:54 AM



#32

1,1,1-Trichloroethane

Concen: 55.101 ug/l

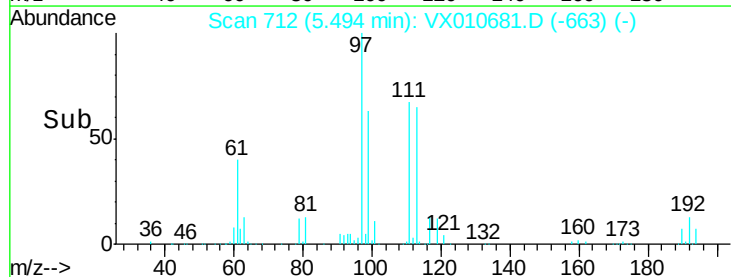
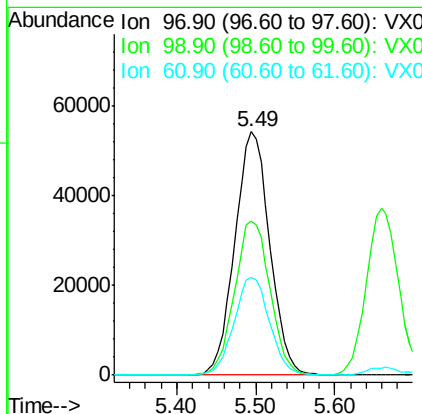
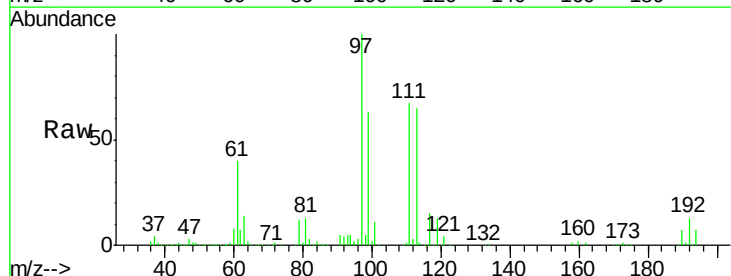
RT: 5.49 min Scan# 712

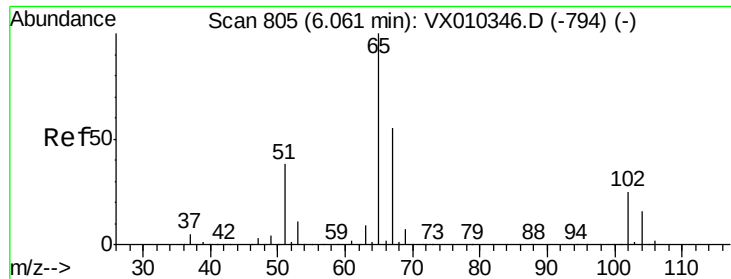
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	97	Resp:	166758
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	40.9	32.1	48.1





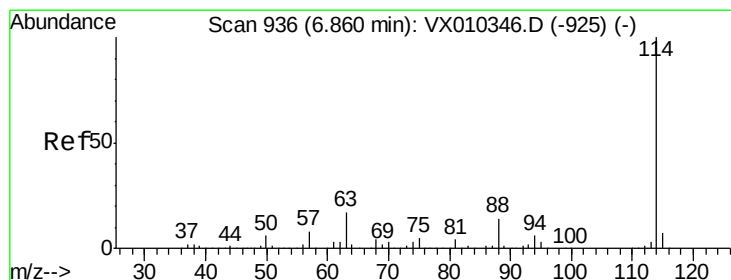
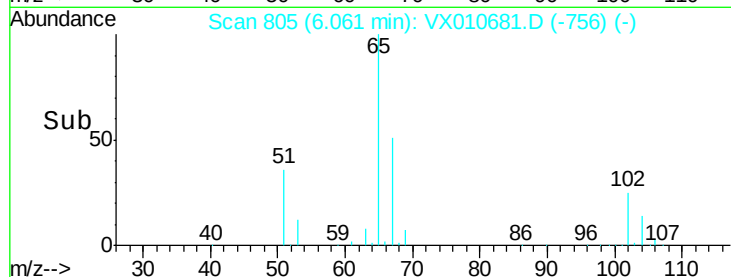
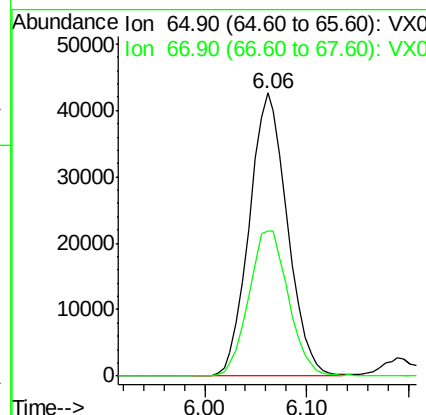
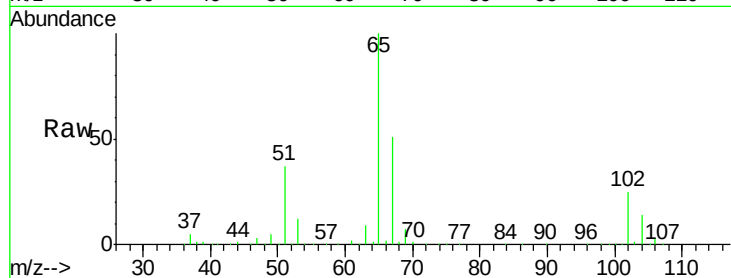
#33
 1,2-Dichloroethane-d4
 Concen: 55.122 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion: 65 Resp: 110702
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.2

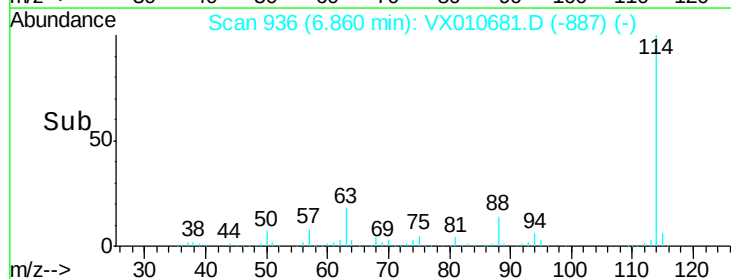
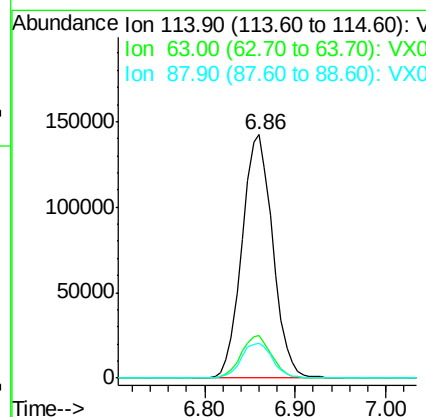
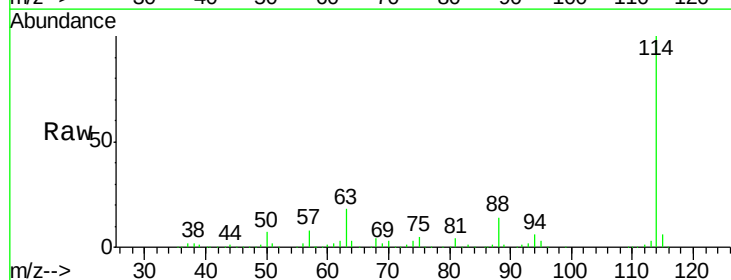
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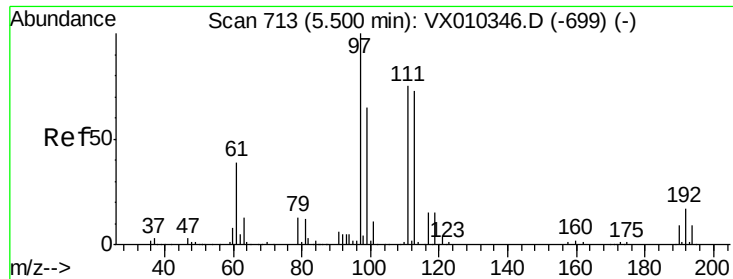
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 7/8/2019 10:58:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 114 Resp: 334812
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.4 0.0 27.6





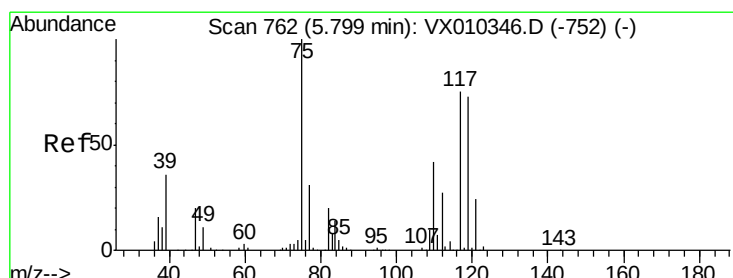
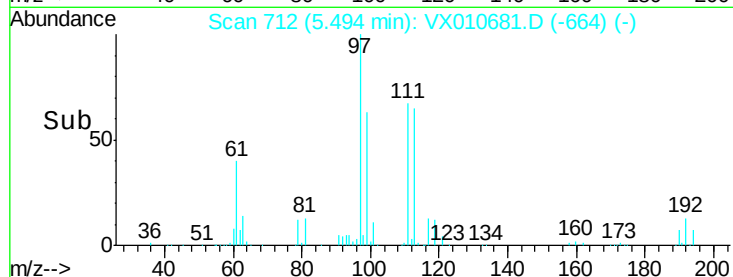
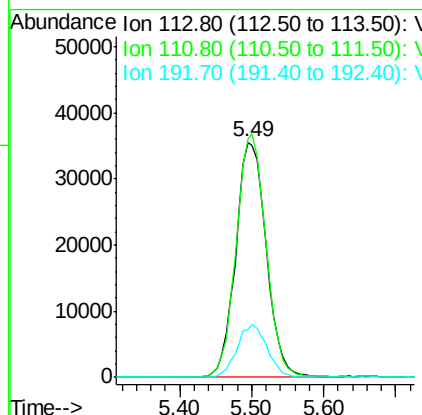
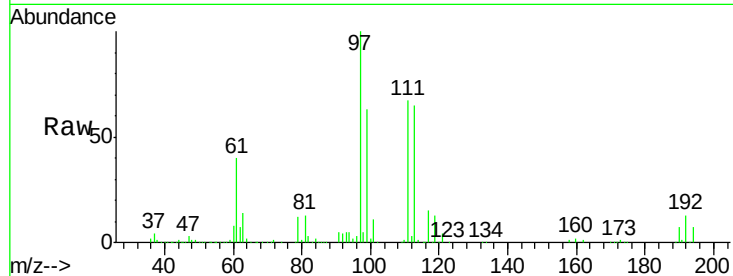
#35
 Dibromofluoromethane
 Concen: 51.018 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104511		
111	101.2	81.2	121.8	
192	22.0	18.6	27.8	

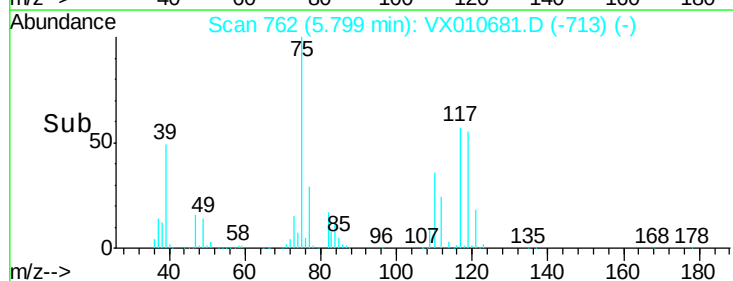
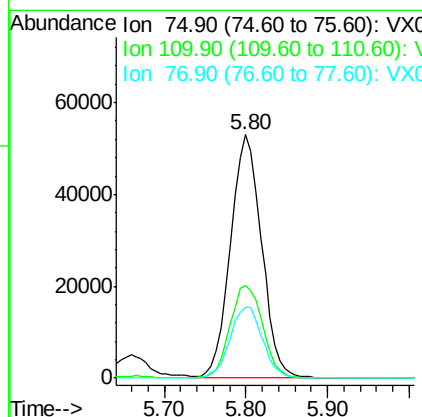
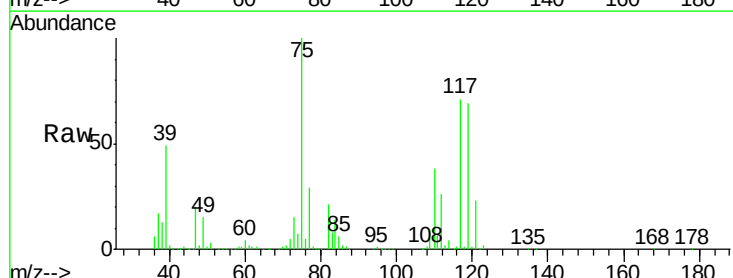
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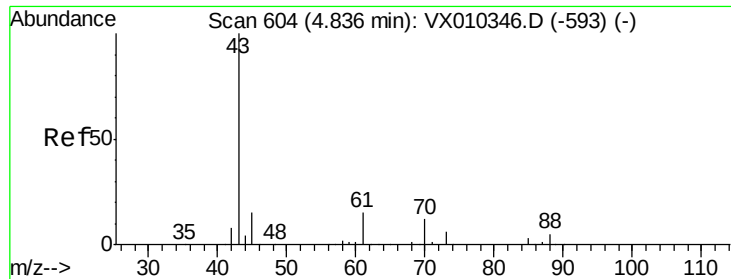
MMDadoda
 7/8/2019 10:58:54 AM



#36
 1,1-Dichloropropene
 Concen: 52.324 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	139214		
110	40.4	20.8	62.2	
77	30.3	25.4	38.0	





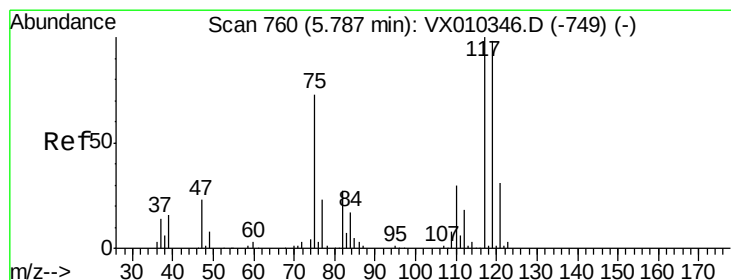
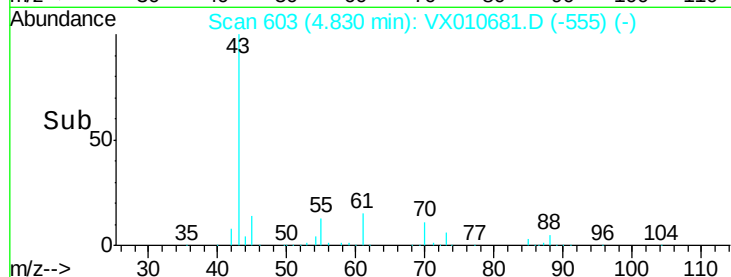
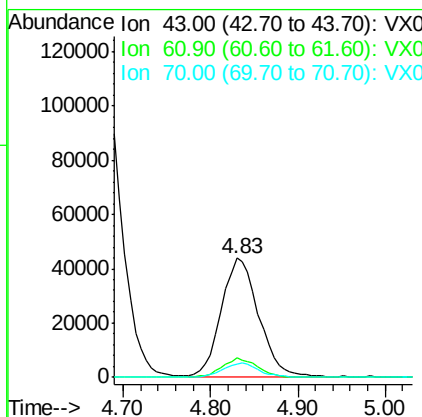
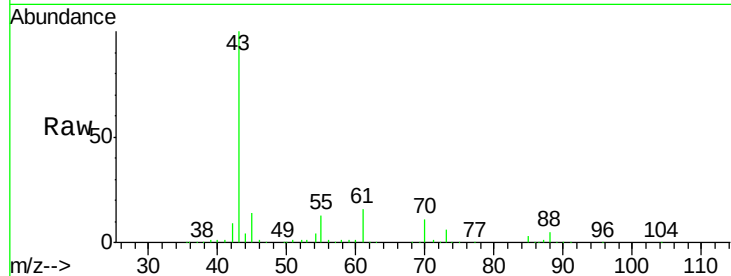
#37
Ethyl Acetate
Concen: 47.298 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.4	18.6
70	11.6	9.8	14.8

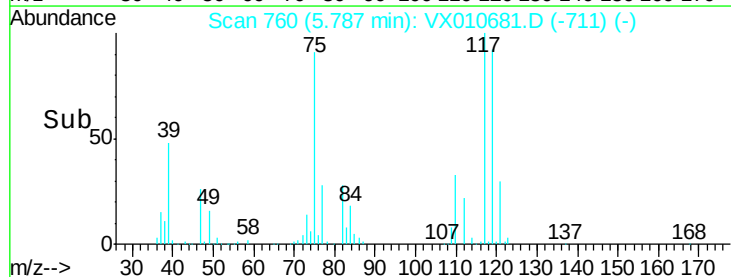
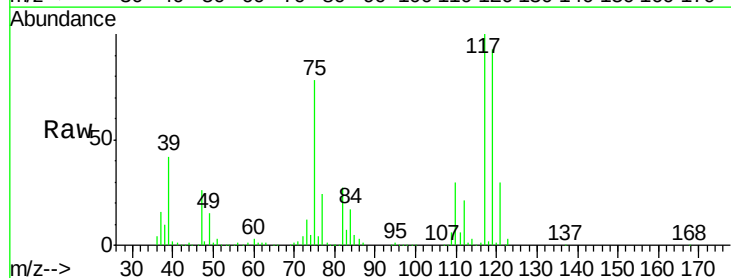
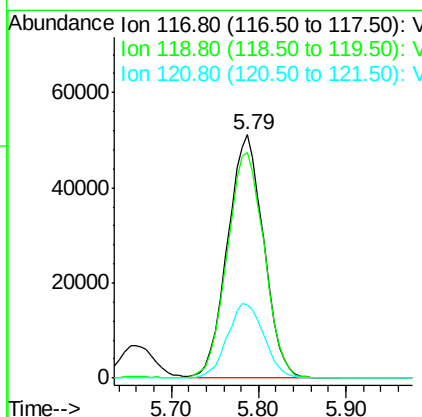
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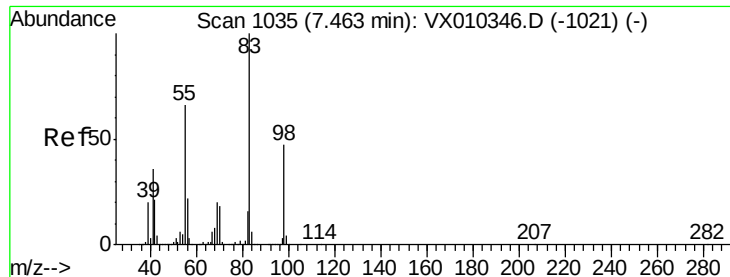
MMDadoda
7/8/2019 10:58:54 AM



#38
Carbon Tetrachloride
Concen: 50.890 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.2	117.4
121	30.0	24.7	37.1





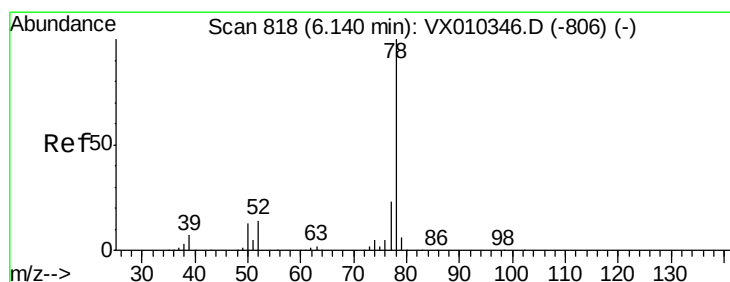
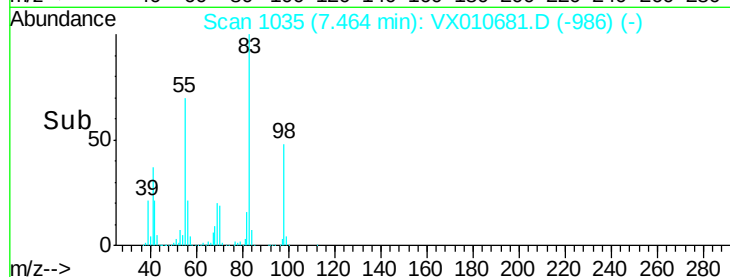
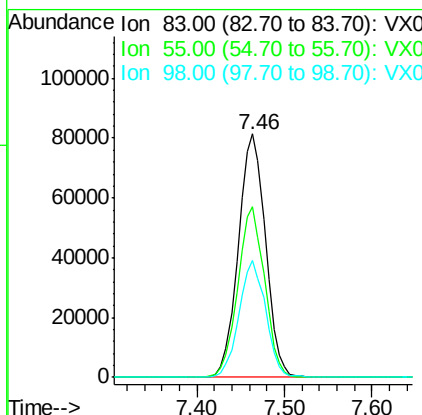
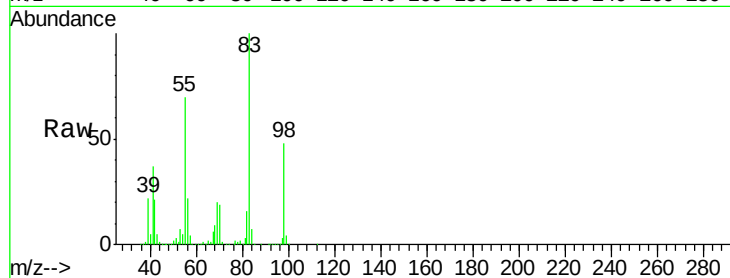
#39
Methylvlcyclohexane
Concen: 50.216 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	175618		
55	69.9	53.0	79.6	
98	47.8	37.8	56.8	

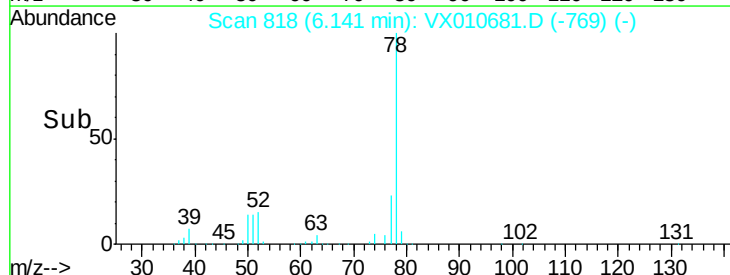
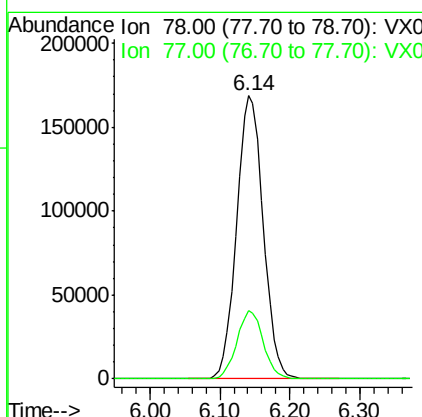
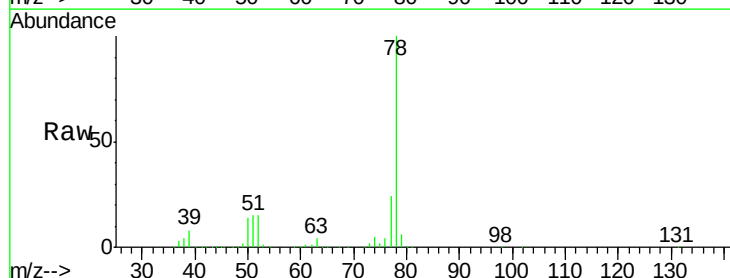
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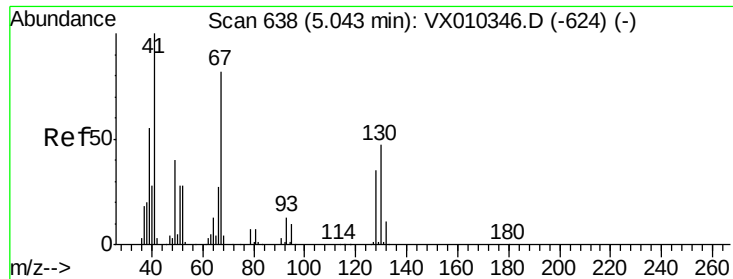
MMDadoda
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#40
Benzene
Concen: 53.666 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	444840		
77	24.2	18.6	28.0	





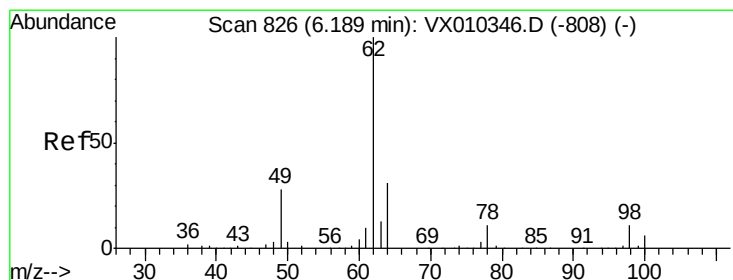
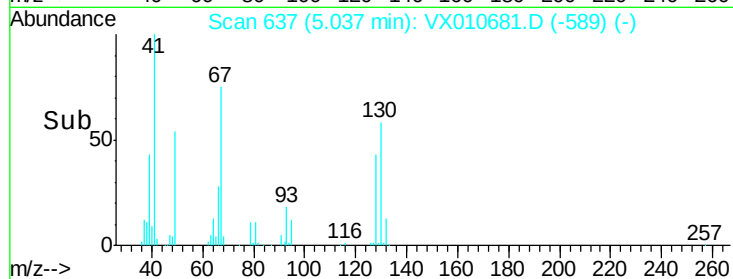
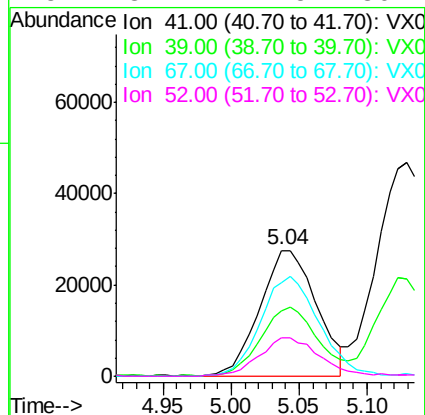
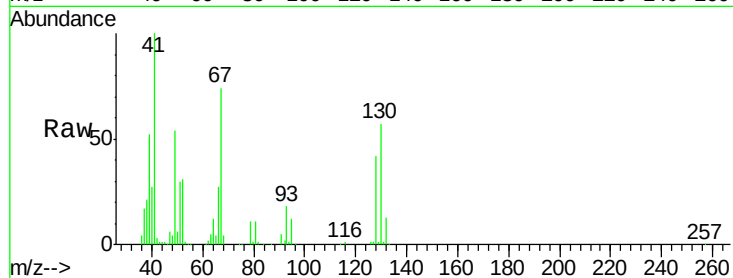
#41
Methacrylonitrile
Concen: 53.080 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	43.8	65.8	
67	82.3	66.6	100.0	
52	32.2	24.5	36.7	

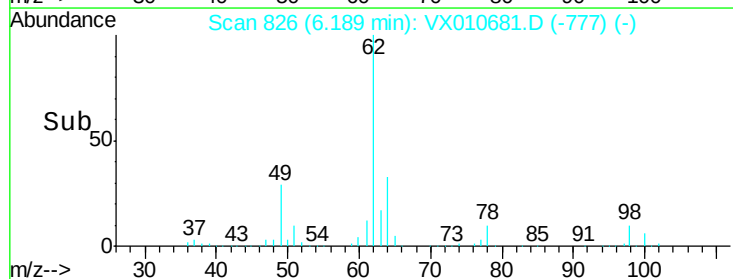
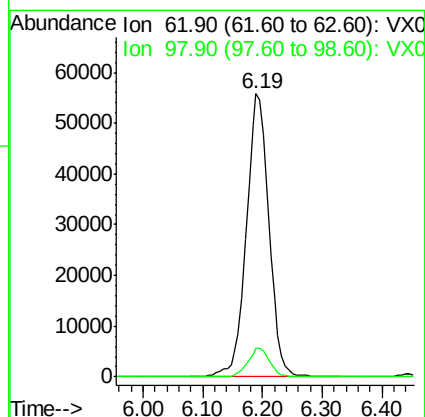
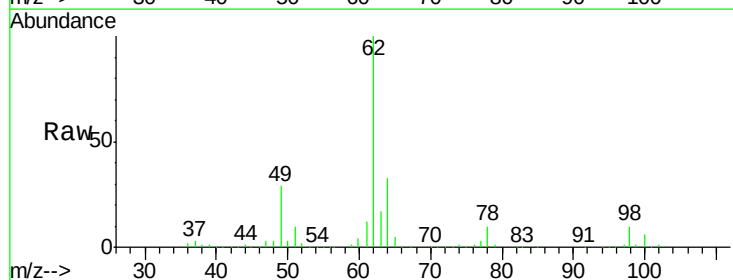
Manual Integrations
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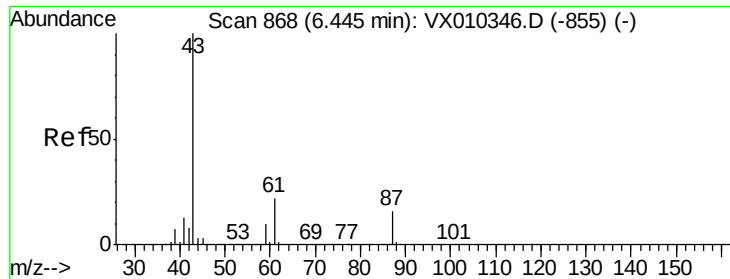
MMDadoda
7/8/2019 10:58:54 AM



#42
1,2-Dichloroethane
Concen: 58.513 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	22.2	





#43

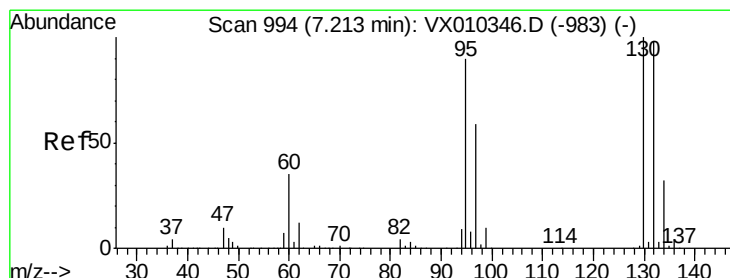
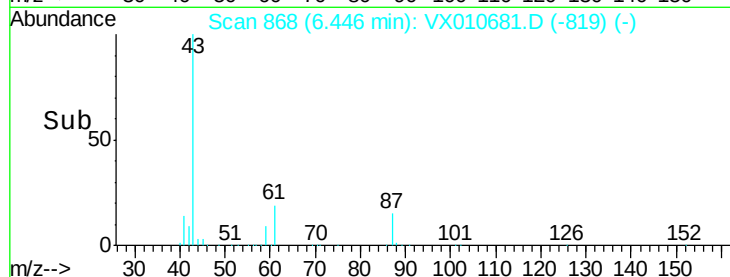
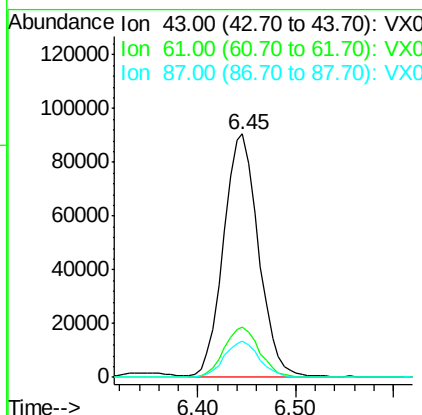
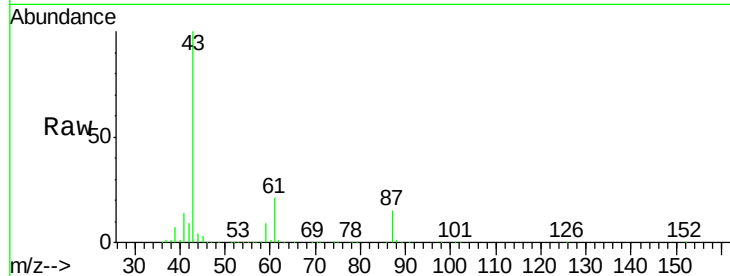
Isopropyl Acetate
 Concen: 49.354 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.8	26.6
87	15.1	13.0	19.4

Manual Integrations
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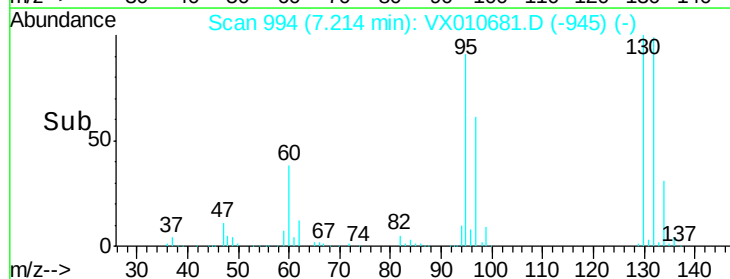
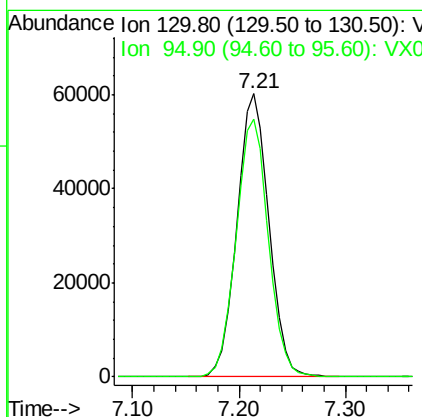
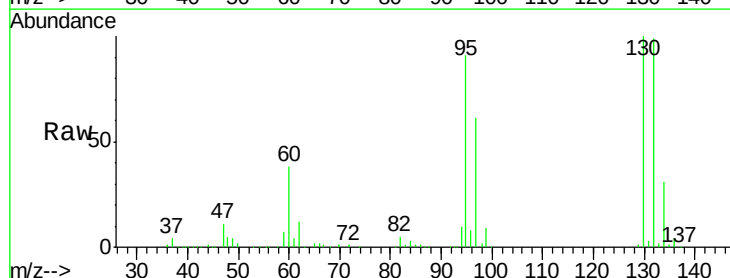
MMDadoda
 7/8/2019 10:58:54 AM

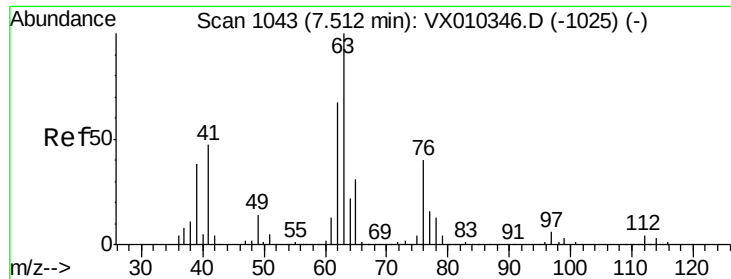


#44

Trichloroethene
 Concen: 51.252 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	180.8





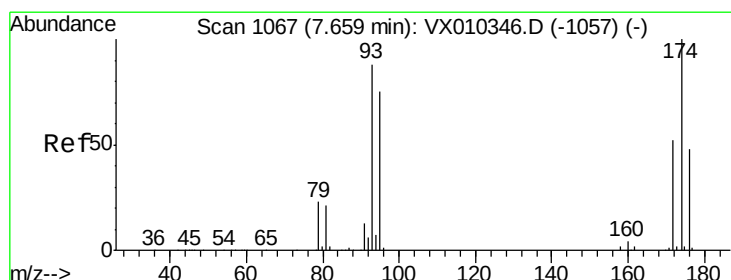
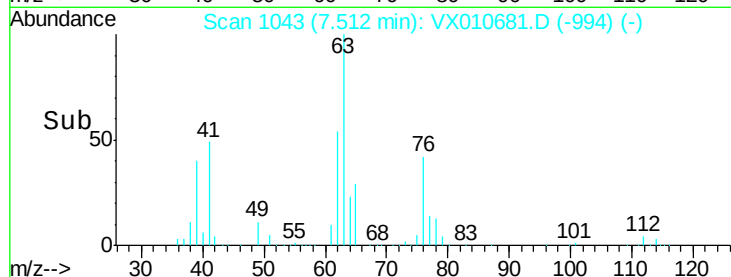
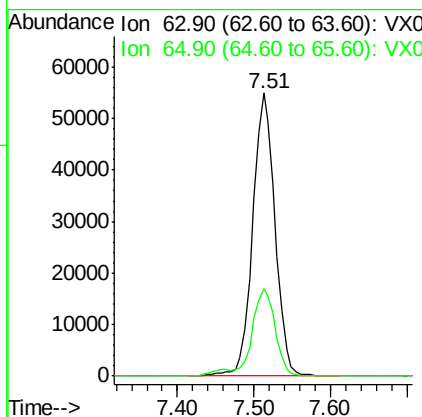
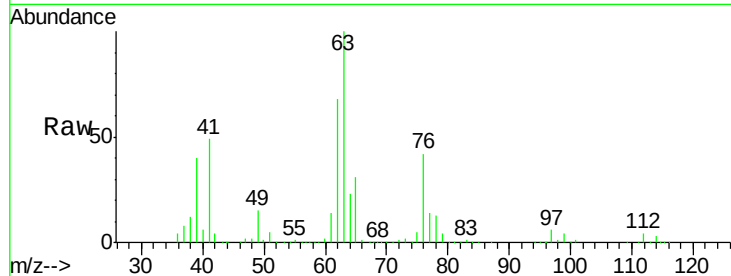
#45
 1,2-Dichloropropane
 Concen: 53.370 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion: 63 Resp: 111714
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2

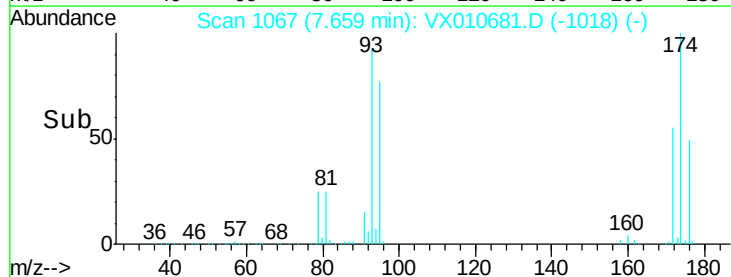
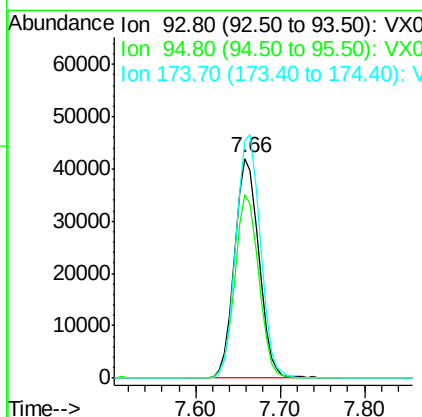
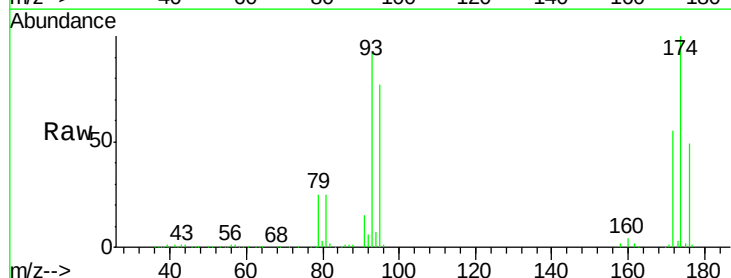
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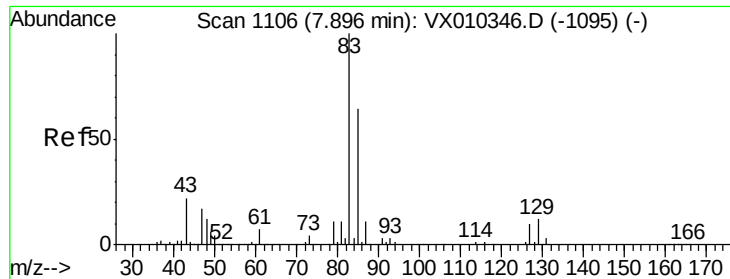
MMDadoda
 7/8/2019 10:58:54 AM



#46
 Dibromomethane
 Concen: 54.561 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 93 Resp: 81942
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.5 101.3
 174 110.6 95.8 143.6





#47

Bromodichloromethane

Concen: 52.315 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

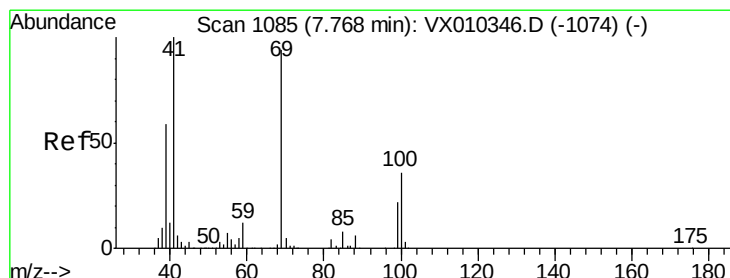
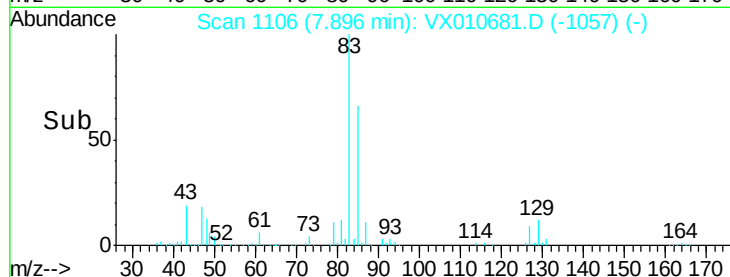
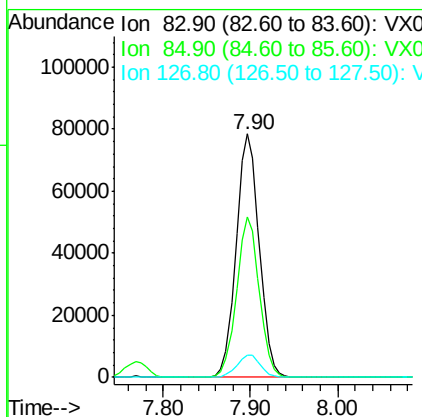
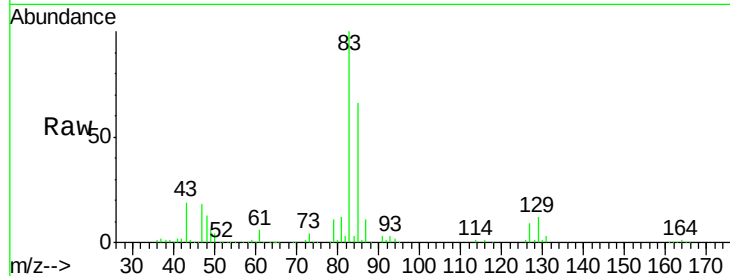
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	83	Resp:	143987
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3
127	9.3	7.8	11.8

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#48

Methyl methacrylate

Concen: 55.682 ug/l

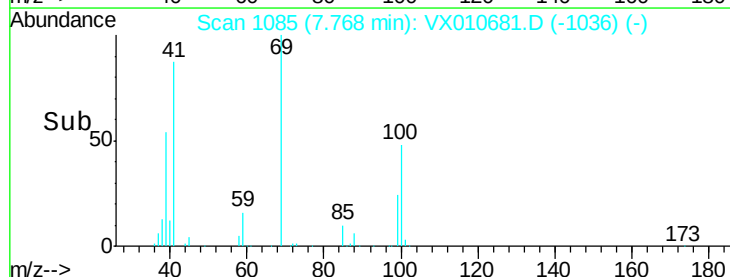
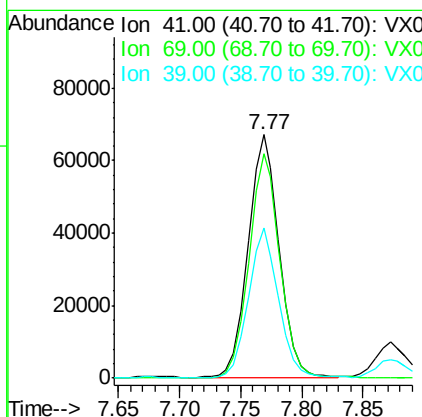
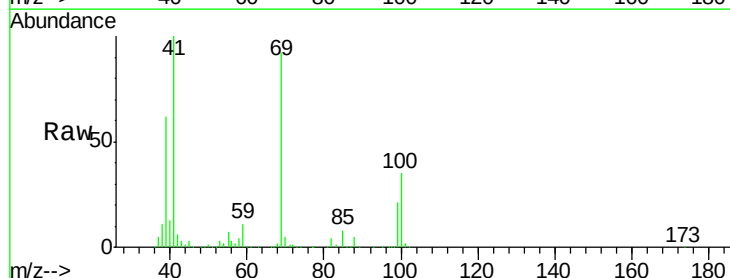
RT: 7.77 min Scan# 1085

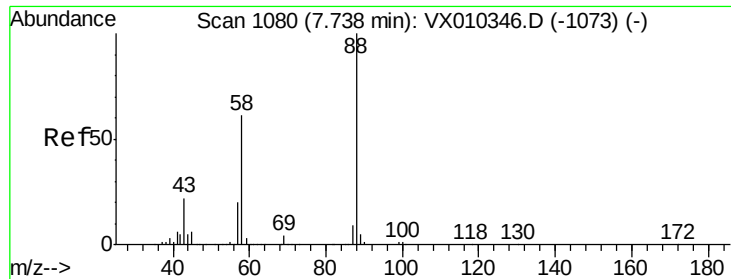
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	41	Resp:	117207
Ion	Ratio	Lower	Upper
41	100		
69	93.4	76.1	114.1
39	60.0	47.6	71.4





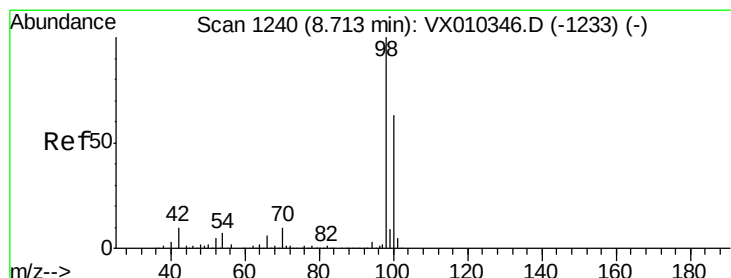
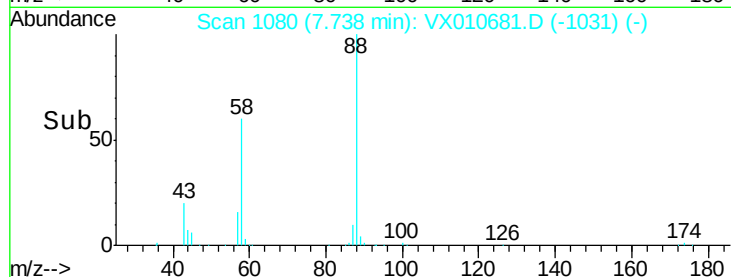
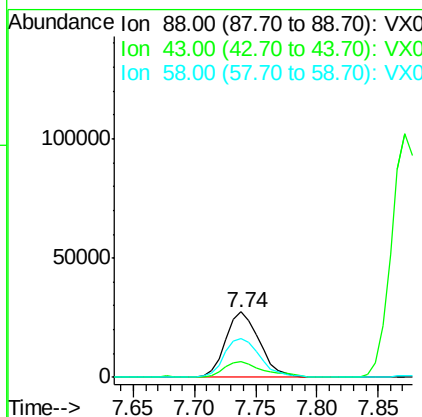
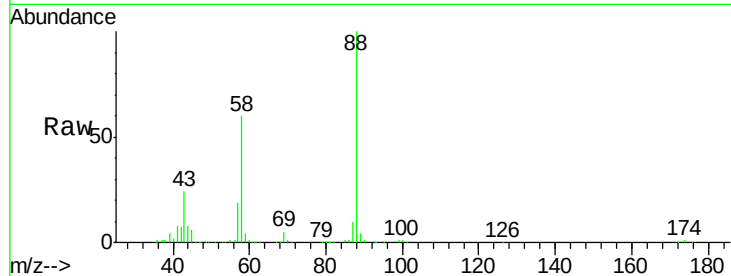
#49
1,4-Dioxane
Concen: 875.831 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	20.2	30.2
58	62.7	49.5	74.3

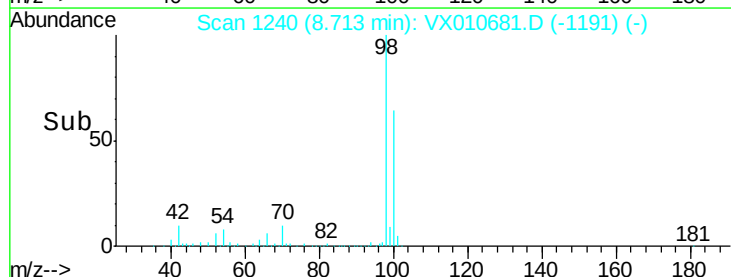
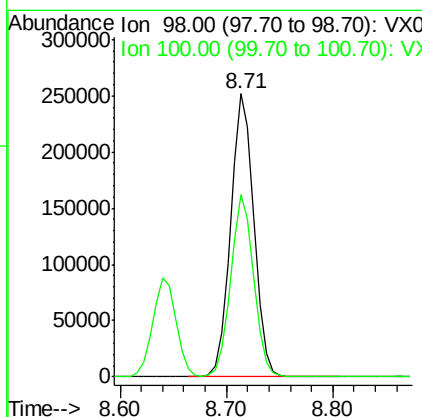
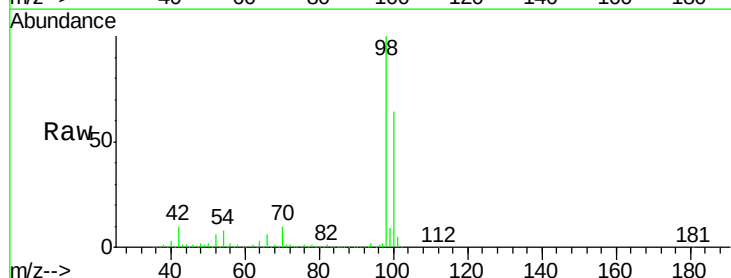
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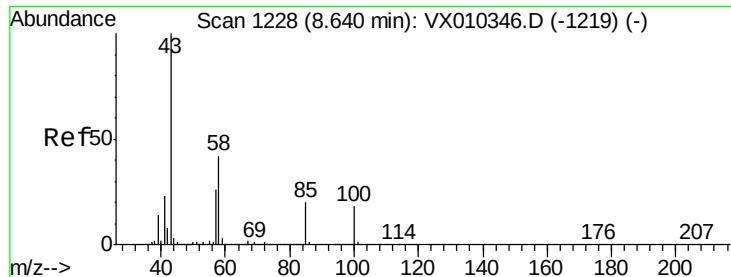
MMDadoda
7/8/2019 10:58:54 AM



#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 275.472 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 43 Resp: 797839

Ion Ratio Lower Upper

43 100

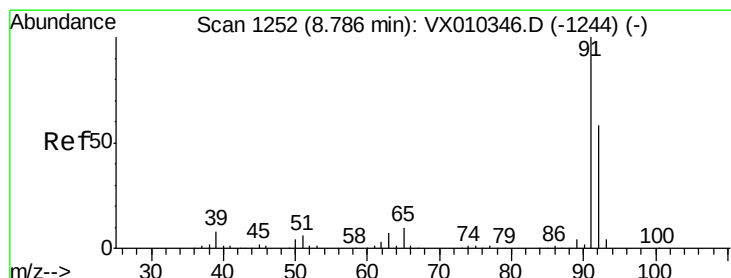
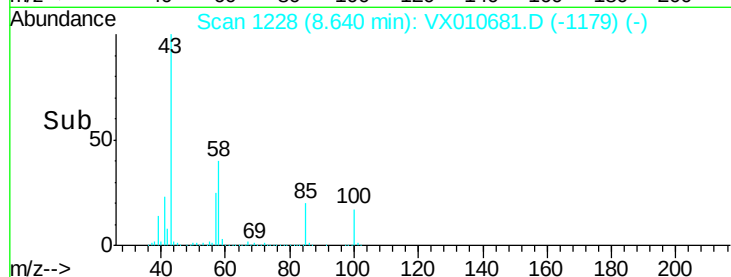
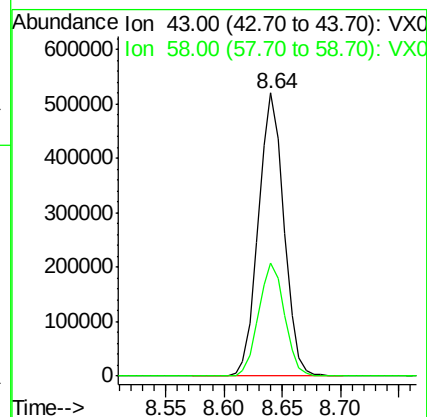
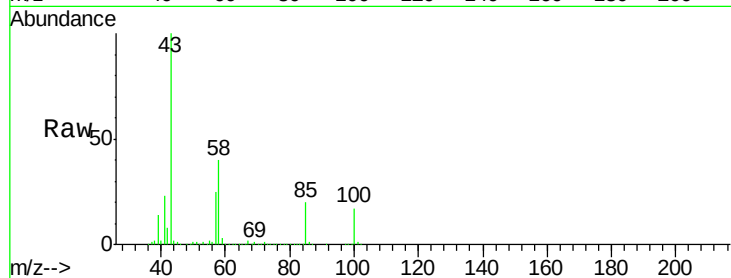
58 40.6 33.5 50.3

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7/8/2019 10:58:54 AM



#52

Toluene

Concen: 52.569 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010681.D

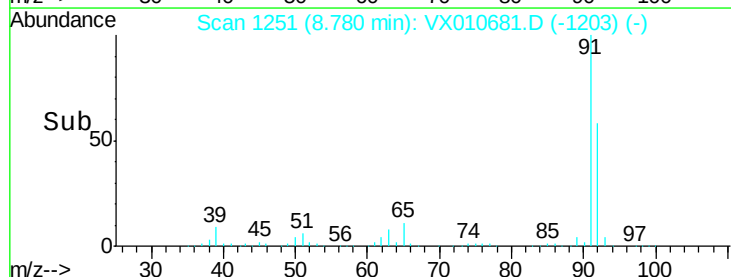
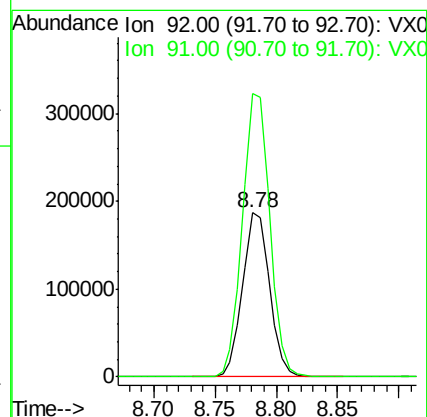
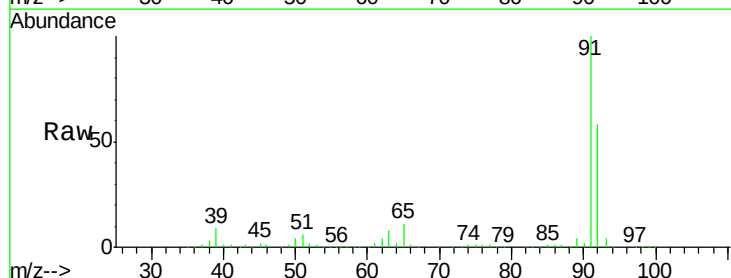
Acq: 04 Jul 2019 10:35

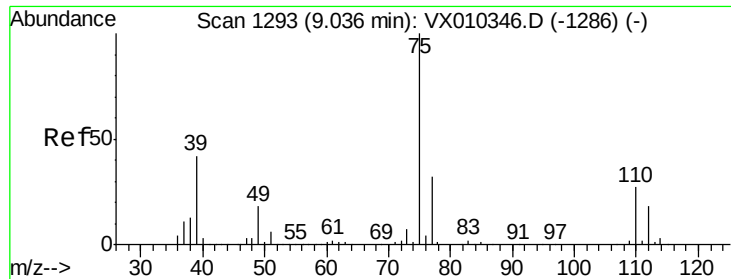
Tgt Ion: 92 Resp: 286956

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6





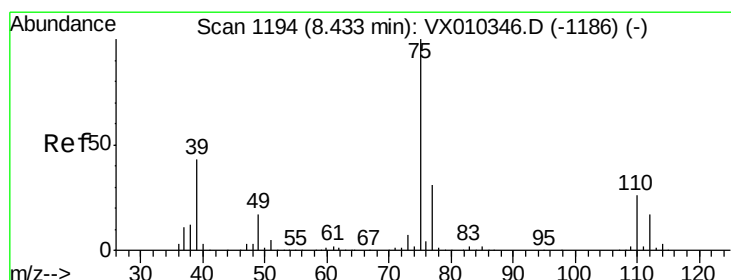
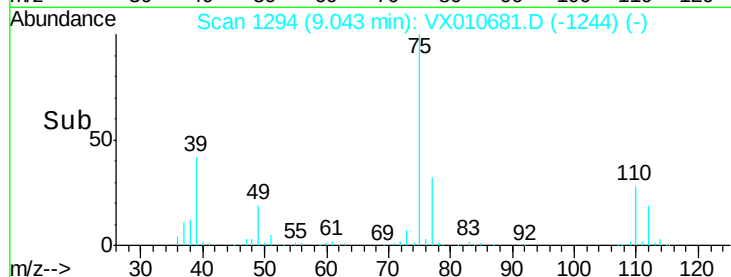
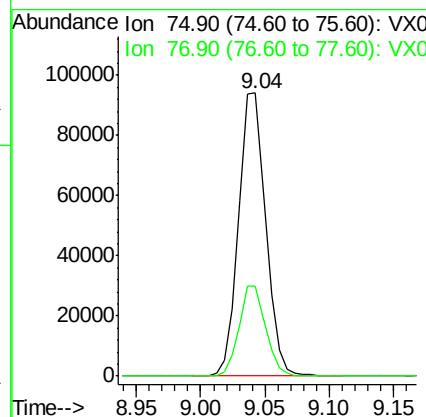
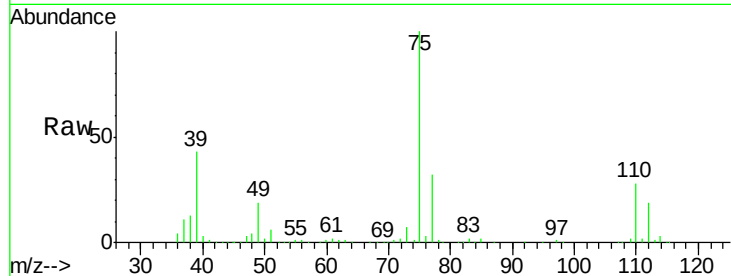
#53
t-1,3-Dichloropropene
Concen: 45.017 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2

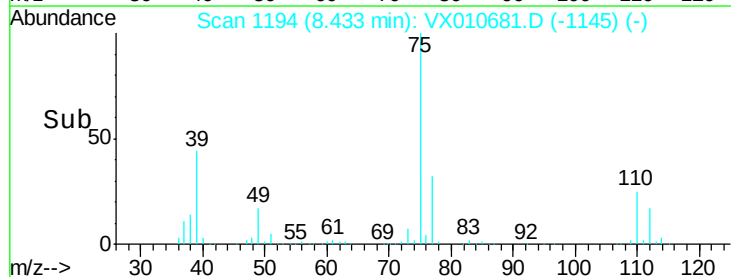
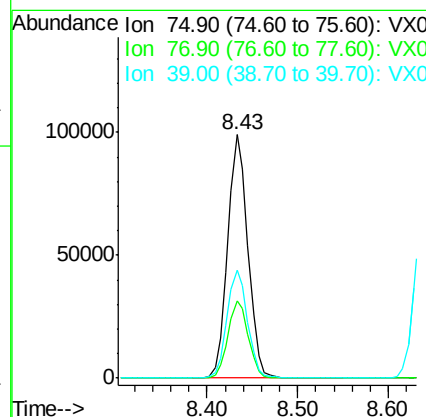
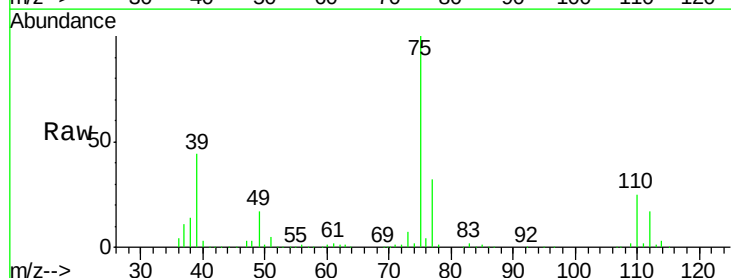
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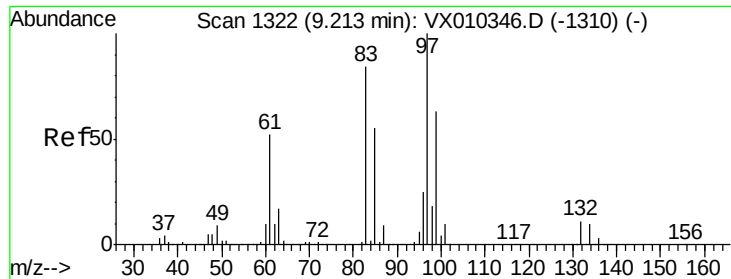
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 45.832 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	44.1	34.5	51.7





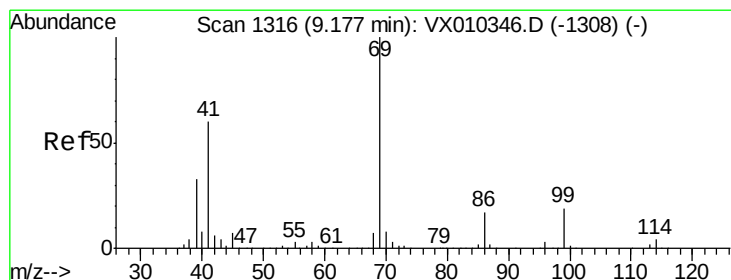
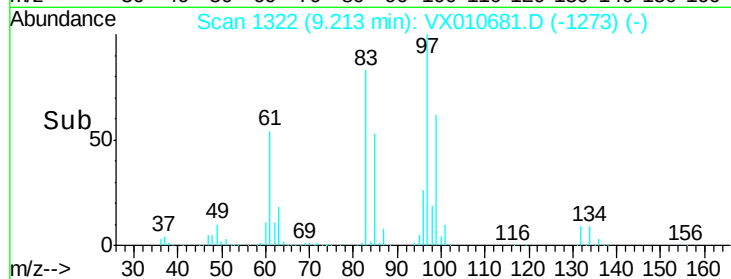
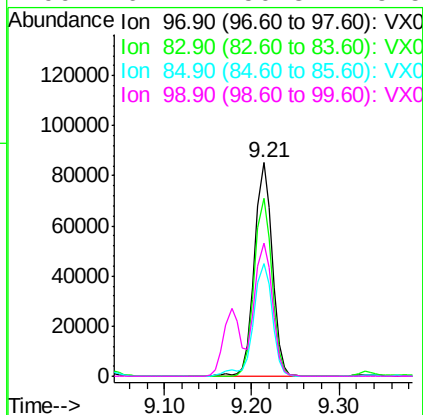
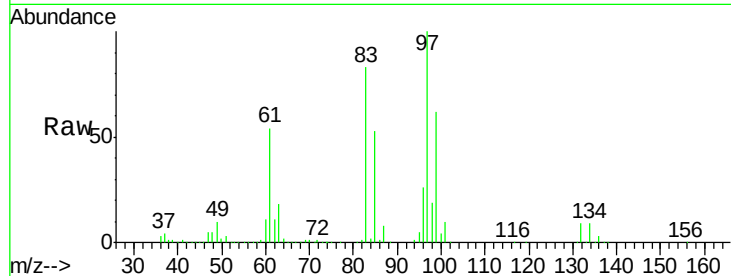
#55
 1,1,2-Trichloroethane
 Concen: 53.486 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion:	97	Resp:	120411
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.0
85	52.7	43.8	65.8
99	62.1	50.3	75.5

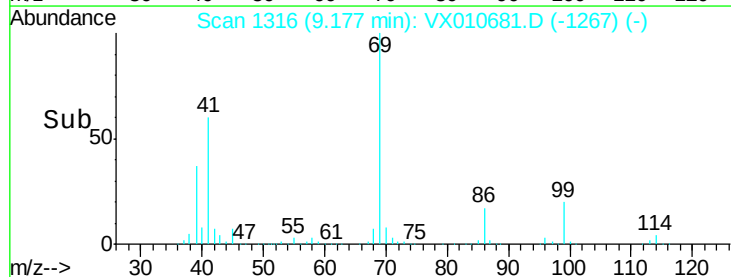
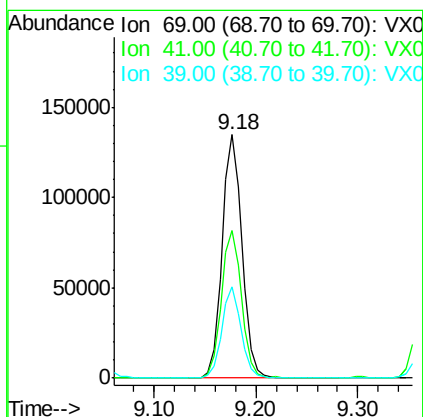
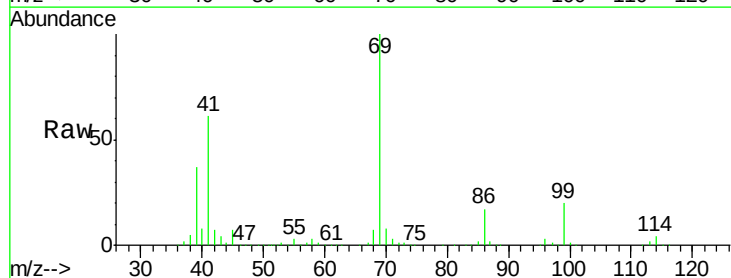
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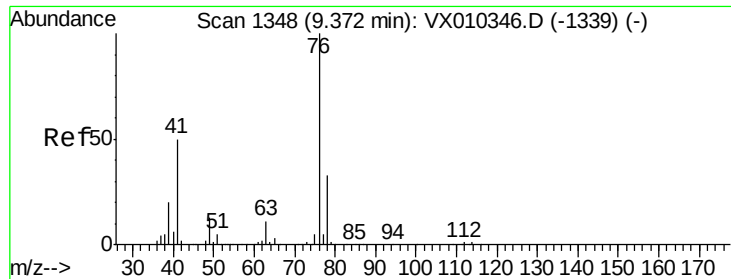
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.658 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion:	69	Resp:	182991
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	35.8	26.6	40.0





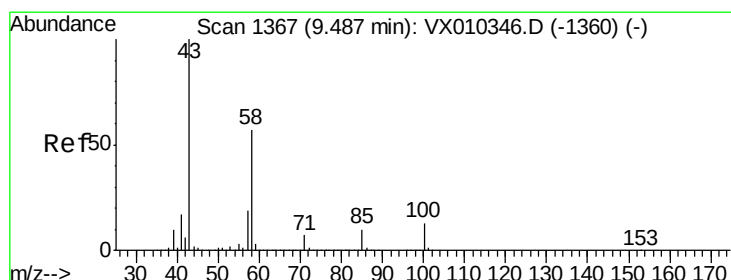
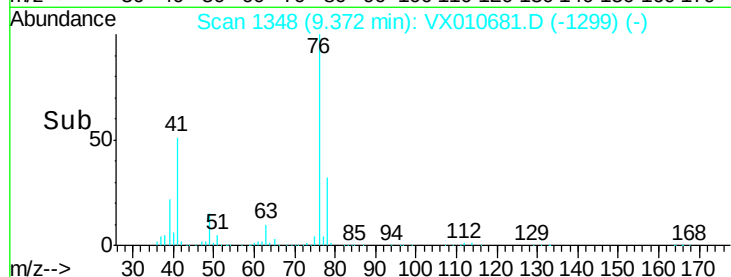
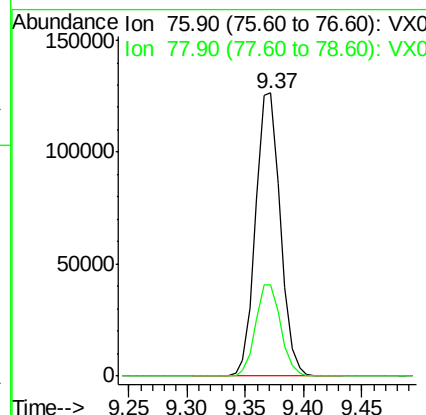
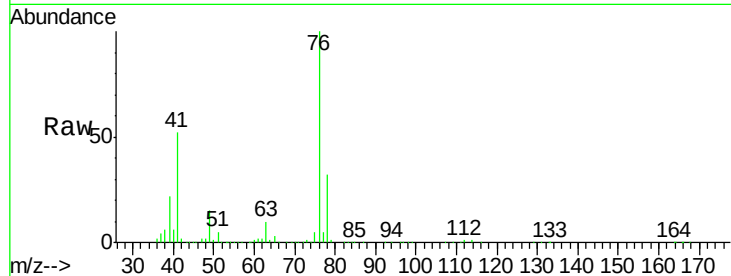
#57
 1,3-Dichloropropane
 Concen: 53.876 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1

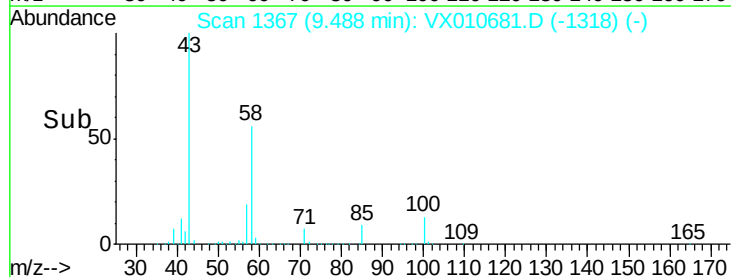
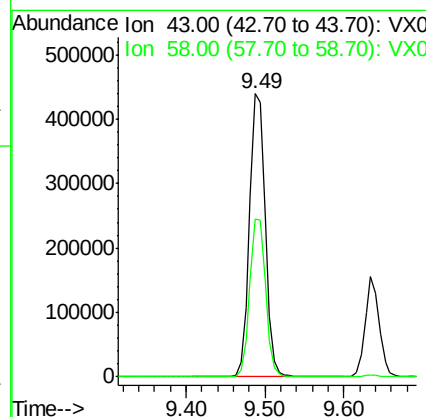
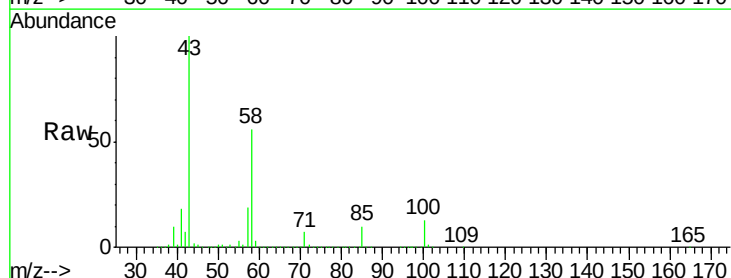
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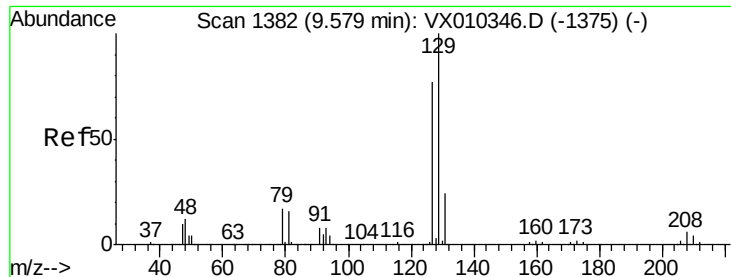
MMDadoda
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#59
 2-Hexanone
 Concen: 267.491 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.3	29.0	87.1





#60

Dibromochloromethane

Concen: 50.195 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:129 Resp: 126525

Ion Ratio Lower Upper

129 100

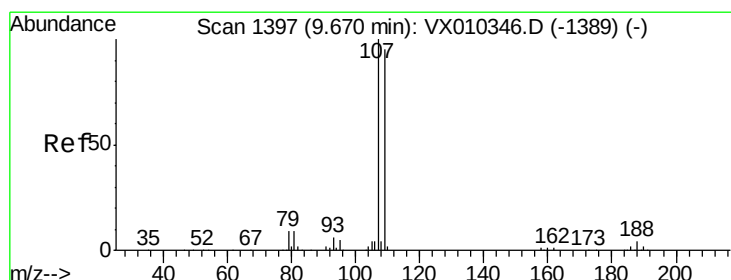
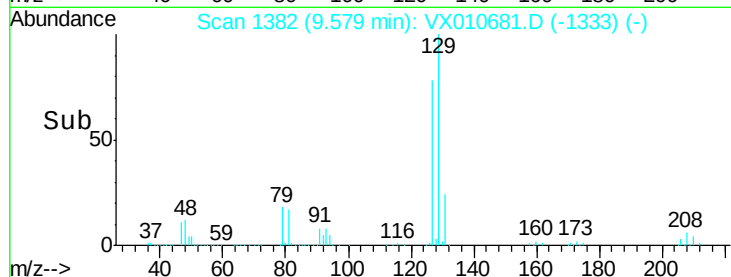
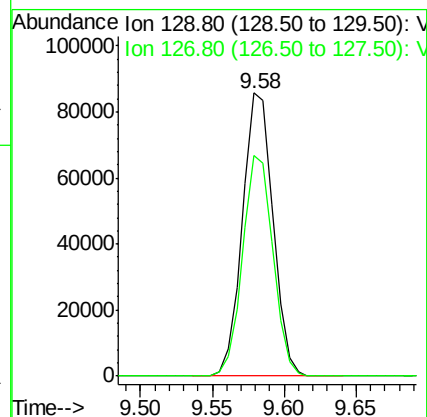
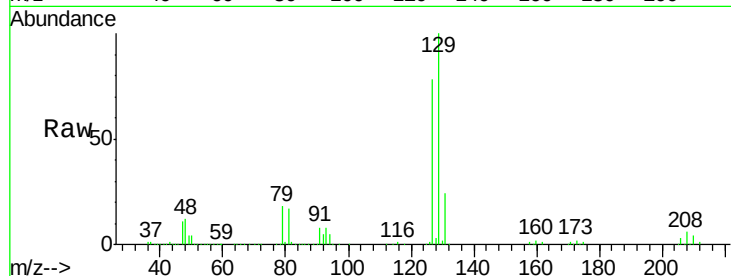
127 77.5 38.4 115.1

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7/8/2019 10:58:54 AM



#61

1,2-Dibromoethane

Concen: 52.839 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010681.D

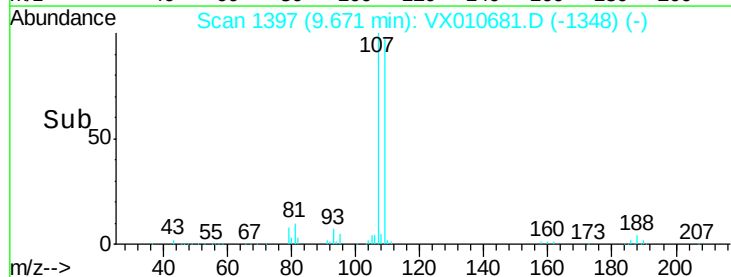
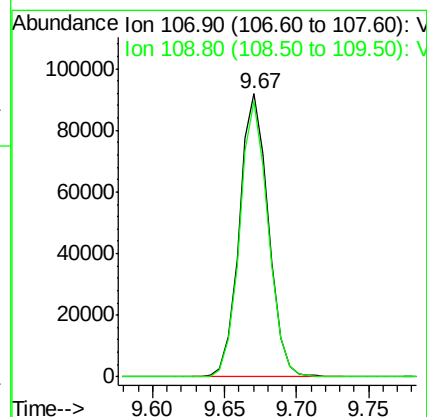
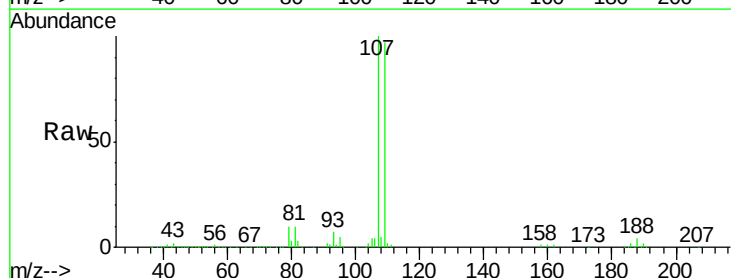
Acq: 04 Jul 2019 10:35

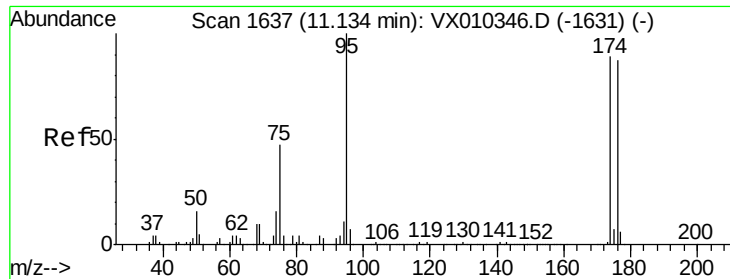
Tgt Ion:107 Resp: 128397

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.6





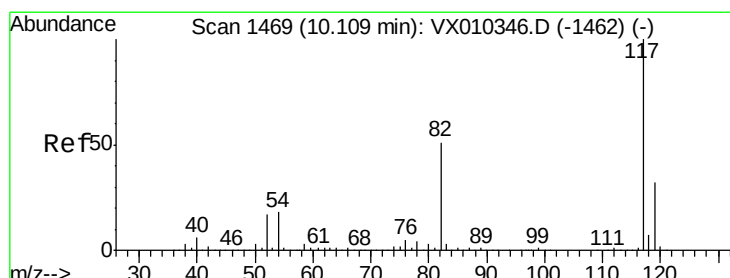
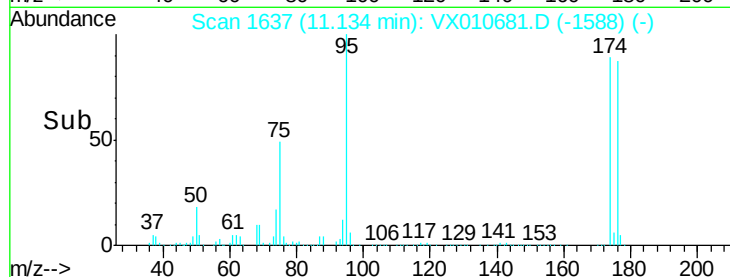
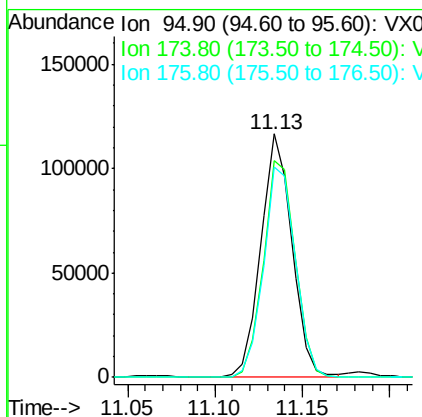
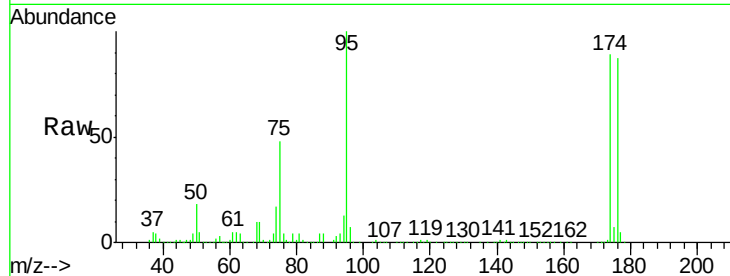
#62
4-Bromofluorobenzene
Concen: 50.679 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	143392		
174	91.6	0.0	187.6	
176	89.4	0.0	184.0	

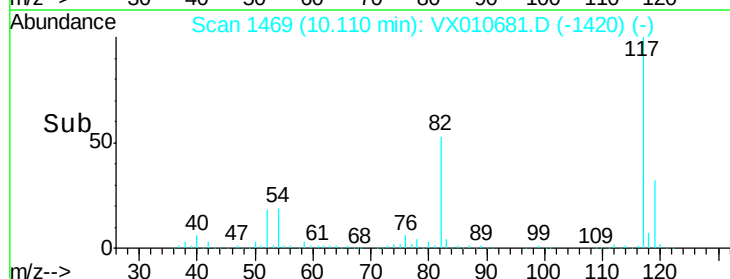
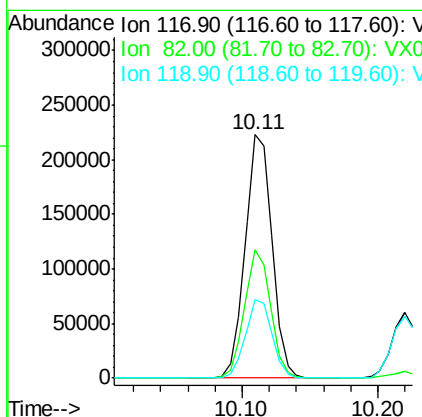
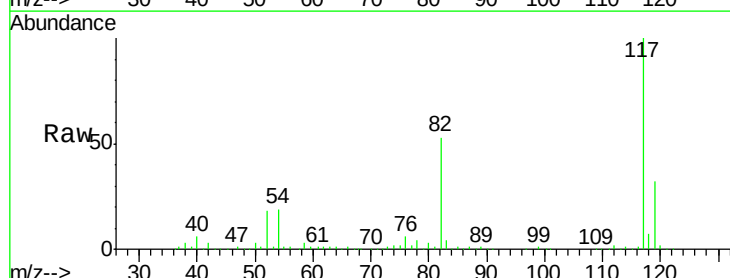
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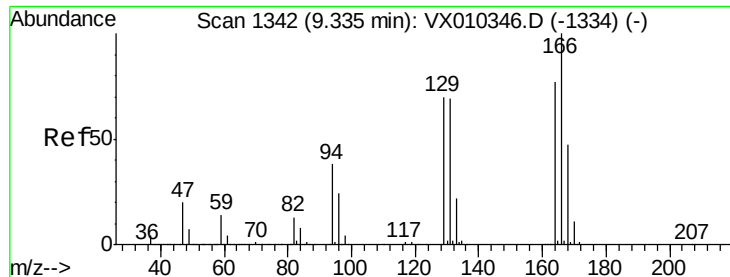
MMDadoda
7/8/2019 10:58:54 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308280		
82	52.7	41.2	61.8	
119	32.2	25.5	38.3	





#64

Tetrachloroethene

Concen: 46.059 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:164 Resp: 114846

Ion Ratio Lower Upper

164 100

166 131.0 103.6 155.4

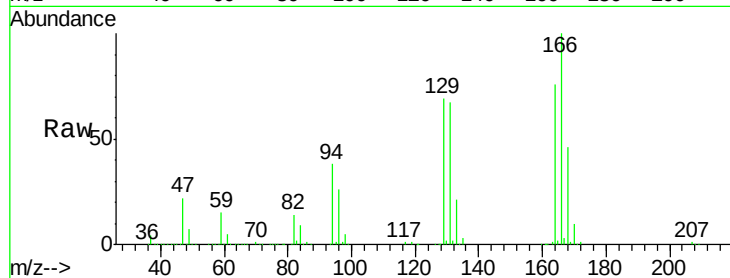
129 90.7 73.0 109.4

131 87.2 71.0 106.4

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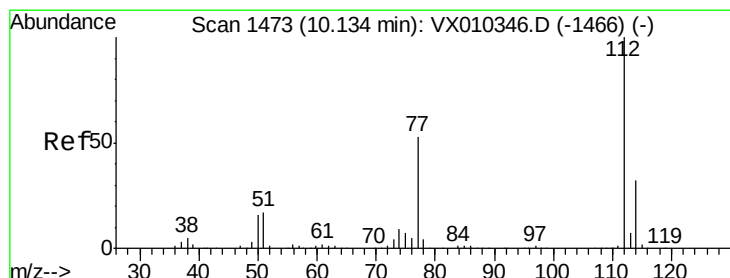
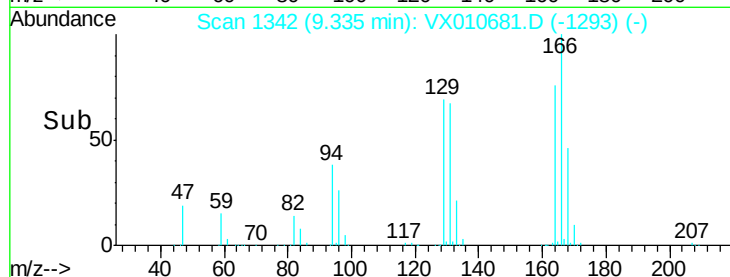
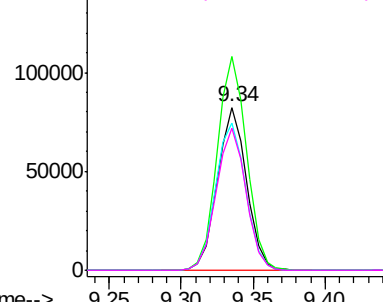


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 130.996 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010681.D

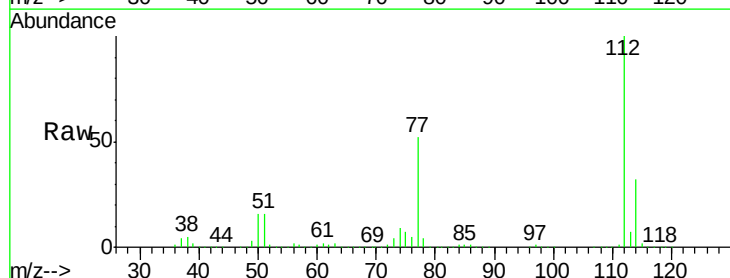
Acq: 04 Jul 2019 10:35

Tgt Ion:112 Resp: 819859

Ion Ratio Lower Upper

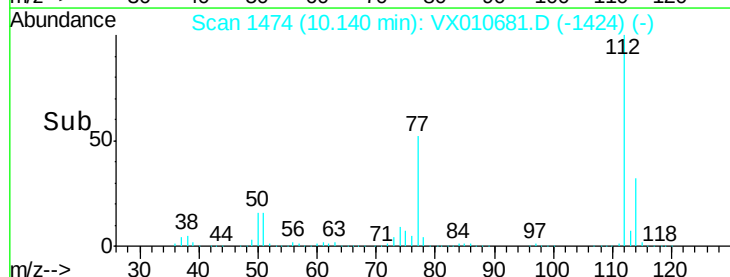
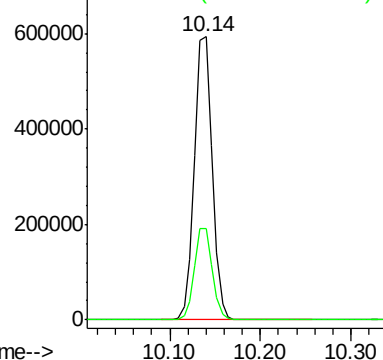
112 100

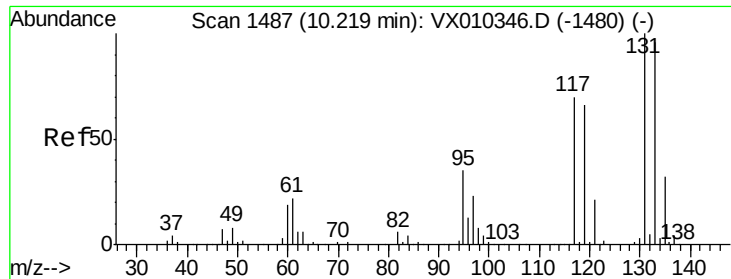
114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.182 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

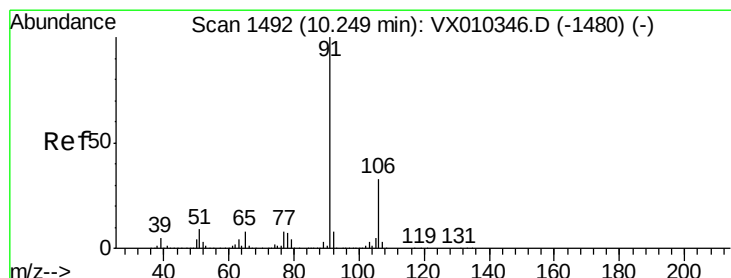
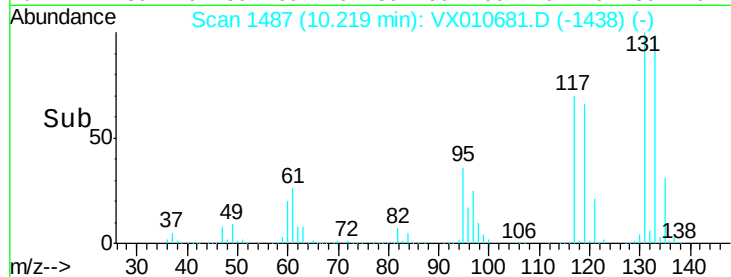
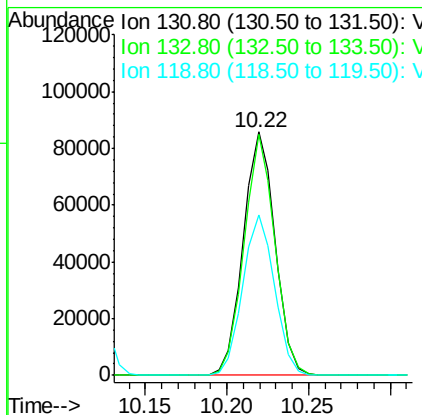
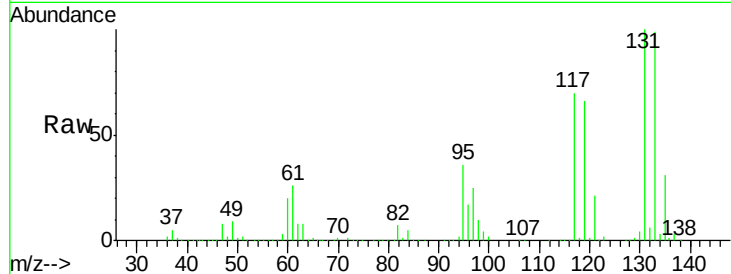
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	131	Resp:	116681
Ion Ratio	Lower	Upper	
131	100		
133	95.9	47.7	143.1
119	65.9	32.6	97.7

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#67

Ethyl Benzene

Concen: 52.824 ug/l

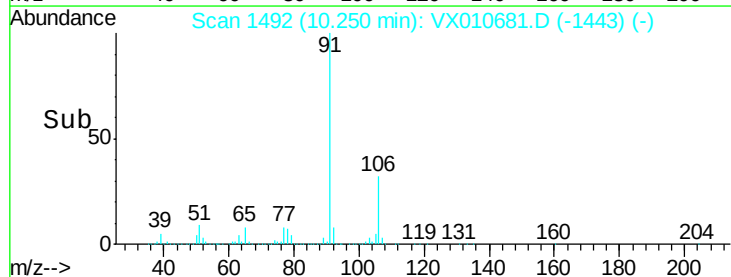
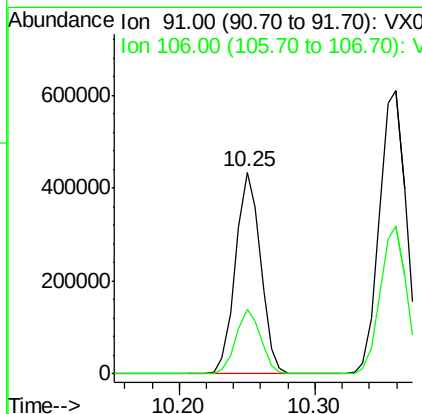
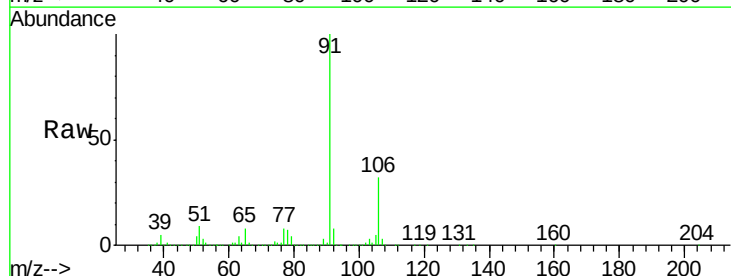
RT: 10.25 min Scan# 1492

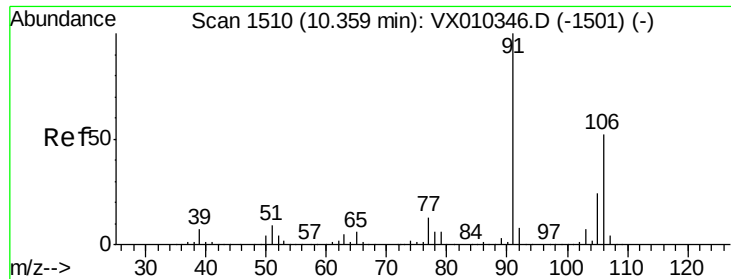
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	91	Resp:	558134
Ion Ratio	Lower	Upper	
91	100		
106	31.9	26.2	39.2





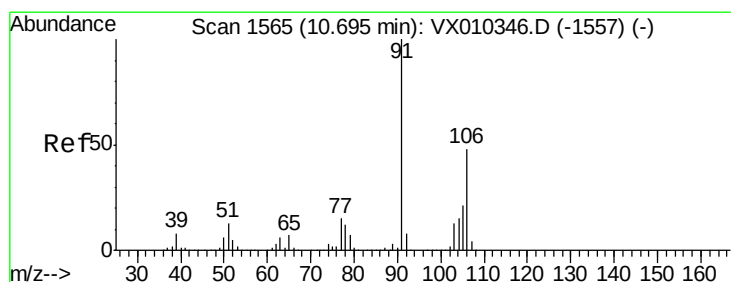
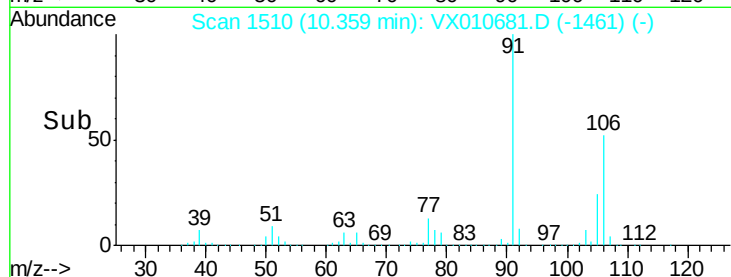
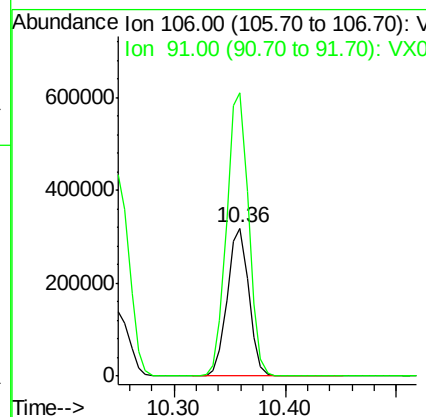
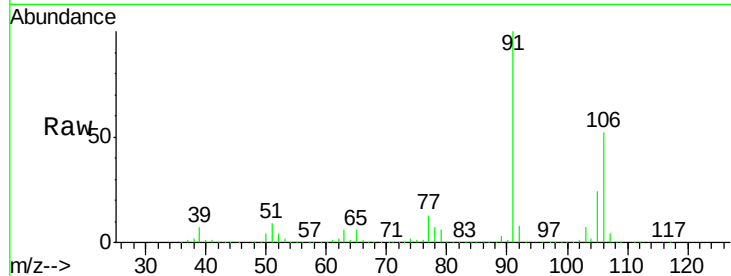
#68
m/p-Xylenes
Concen: 103.763 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion:106 Resp: 424814
Ion Ratio Lower Upper
106 100
91 196.1 155.3 232.9

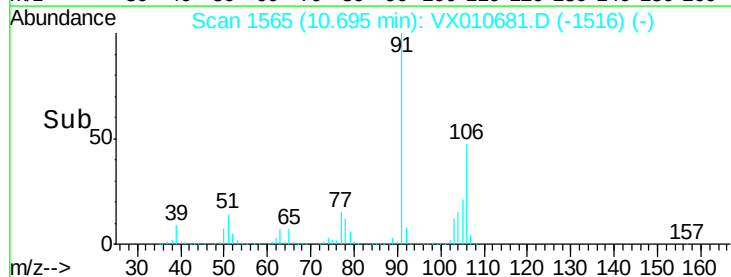
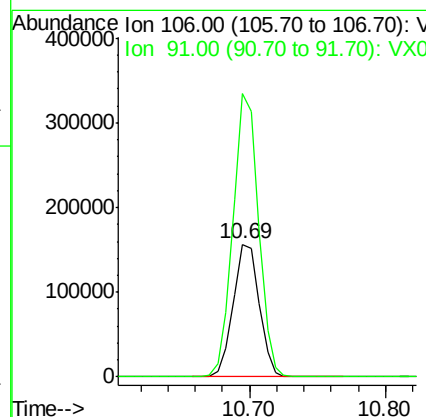
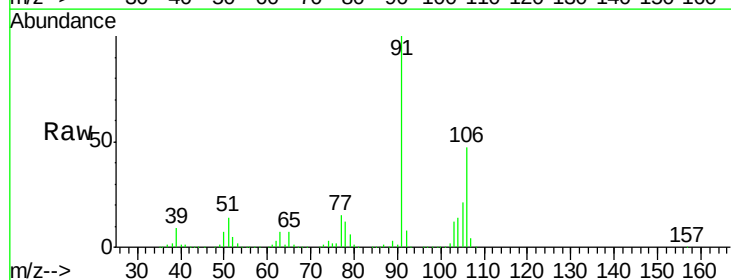
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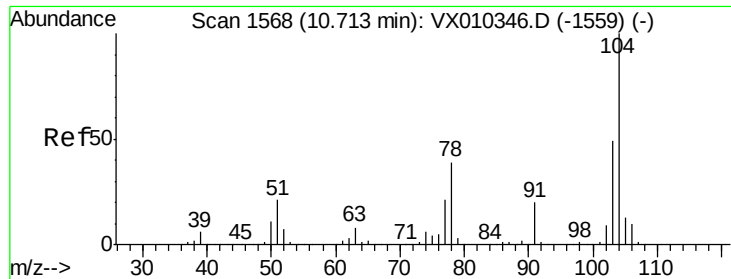
MMDadoda
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#69
o-Xylene
Concen: 51.996 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion:106 Resp: 209342
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1





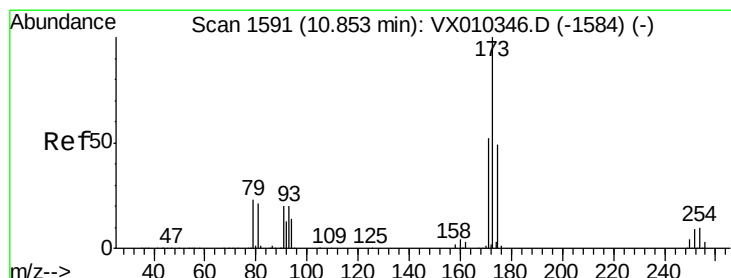
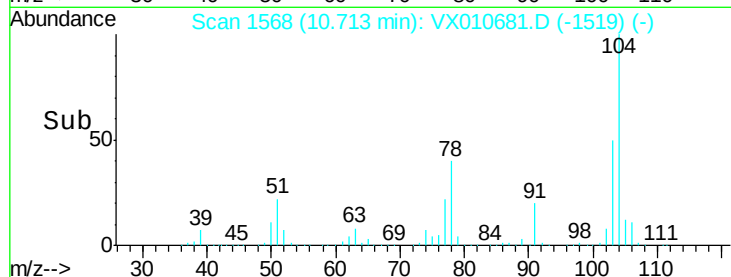
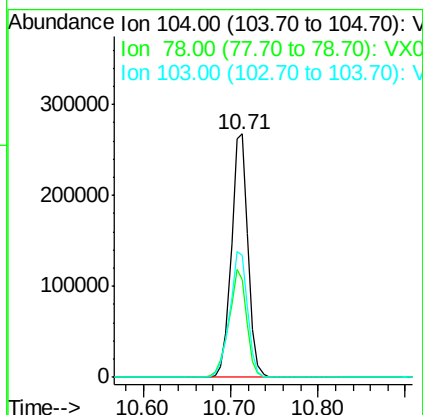
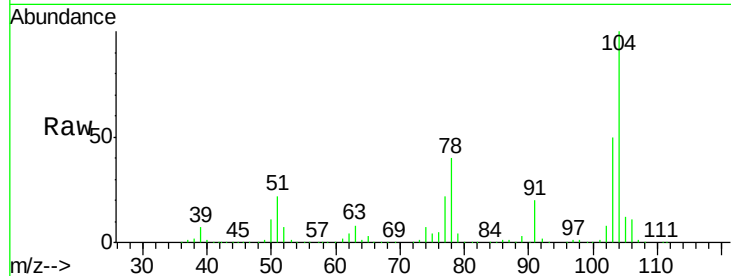
#70
Stvrene
Concen: 52.559 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	354880		
78	47.0		36.2	54.2
103	55.4		44.2	66.4

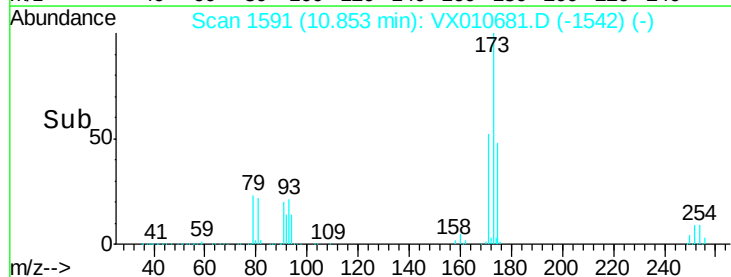
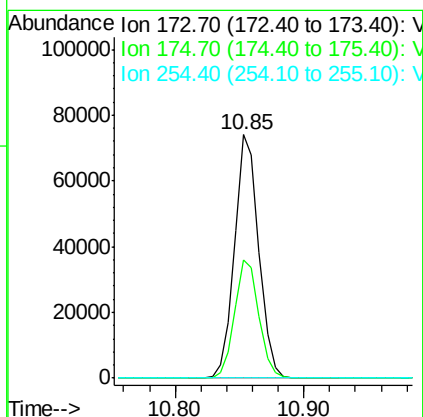
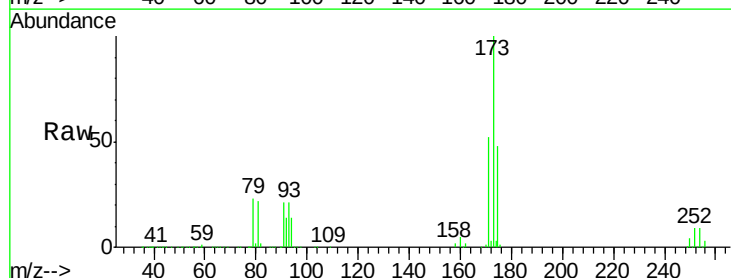
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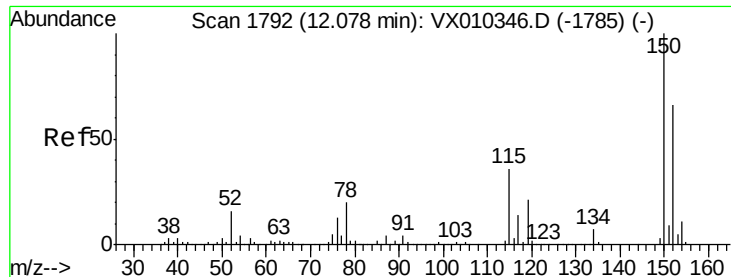
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#71
Bromoform
Concen: 48.874 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	96893		
175	48.7		24.1	72.3
254	0.2		0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:152 Resp: 158930

Ion Ratio Lower Upper

152 100

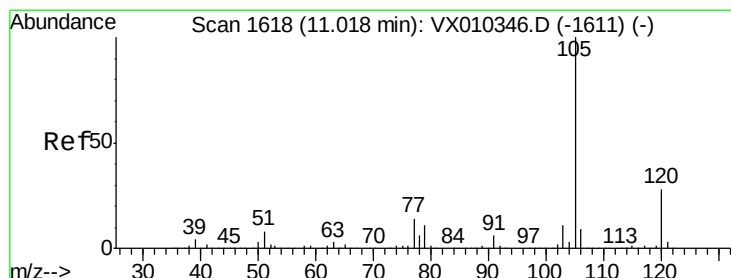
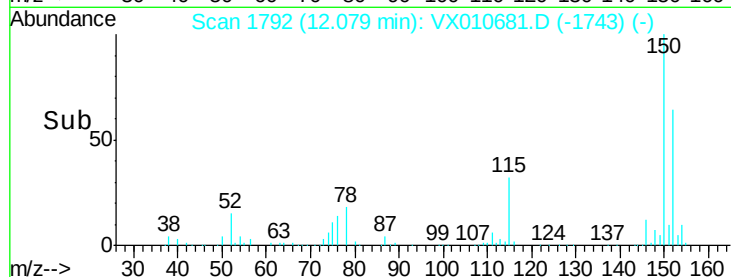
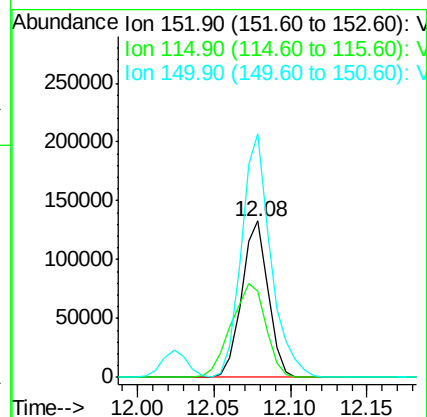
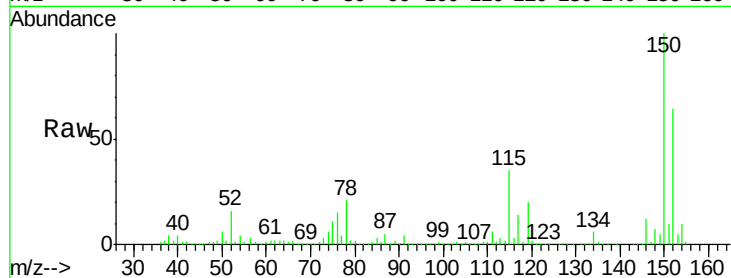
115 78.5 38.6 115.7

150 172.1 0.0 347.4

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#73

Isopropylbenzene

Concen: 52.538 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010681.D

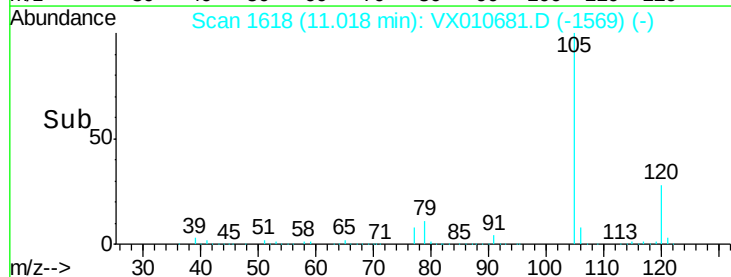
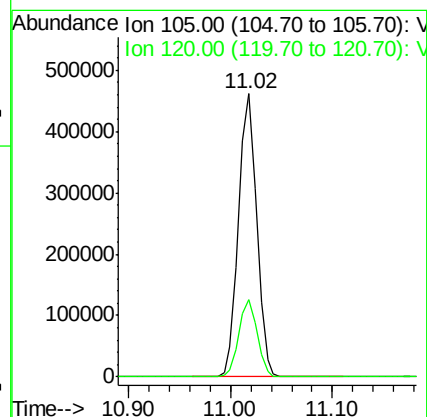
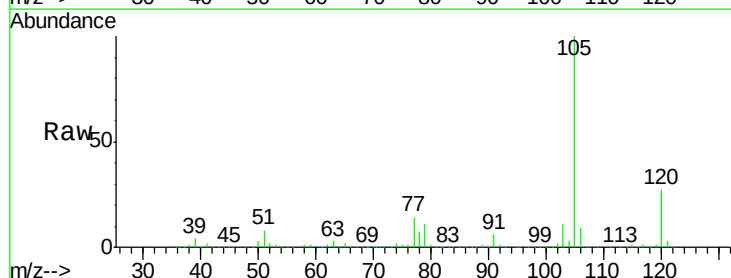
Acq: 04 Jul 2019 10:35

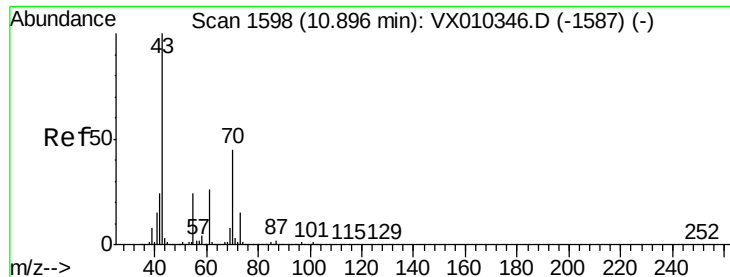
Tgt Ion:105 Resp: 566017

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4





#74

N-amvl acetate

Concen: 46.446 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

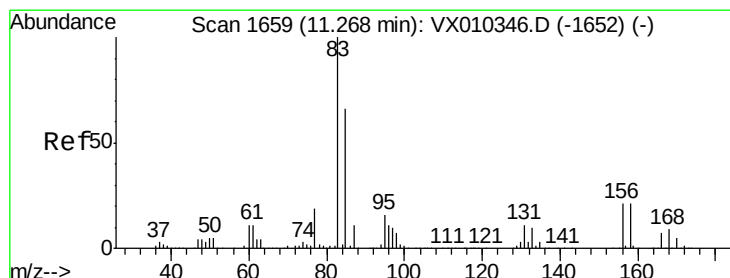
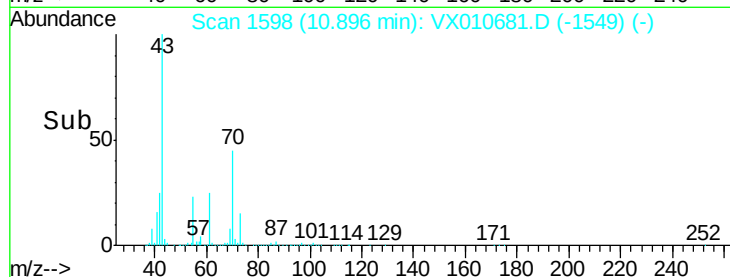
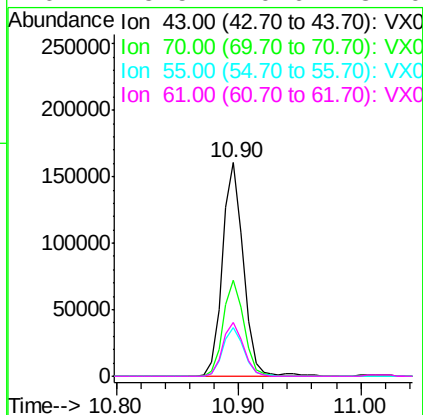
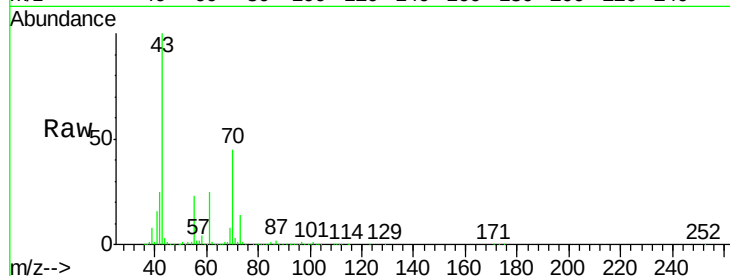
ClientSampleId :

SS038RW151-190702MS

Tot Ion	43	Resp	189107
Ion Ratio	Lower	Upper	
43	100		
70	45.2	36.6	54.8
55	23.6	18.7	28.1
61	25.5	20.6	31.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.443 ug/l

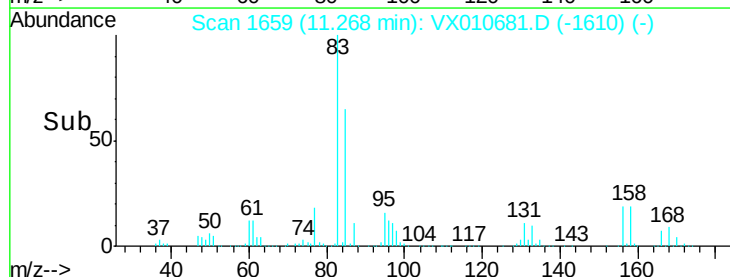
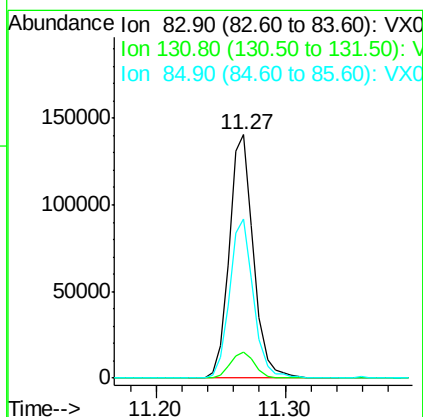
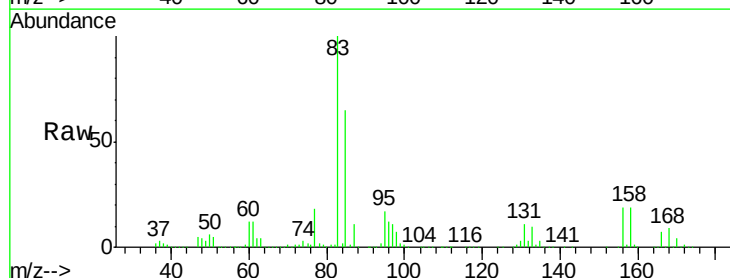
RT: 11.27 min Scan# 1659

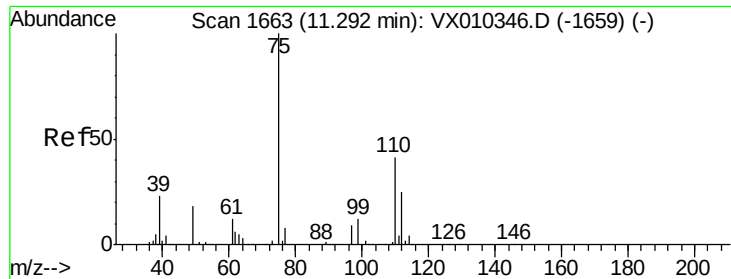
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion	83	Resp	183542
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.9	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 51.142 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 75 Resp: 148113

Ion Ratio Lower Upper

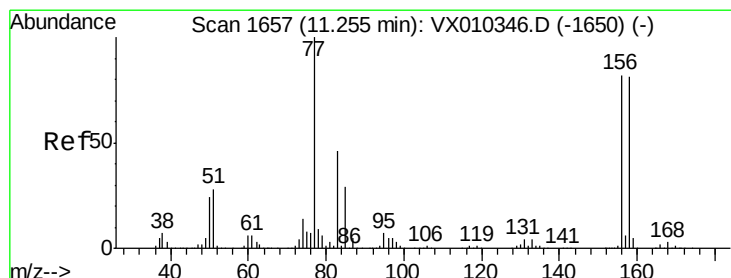
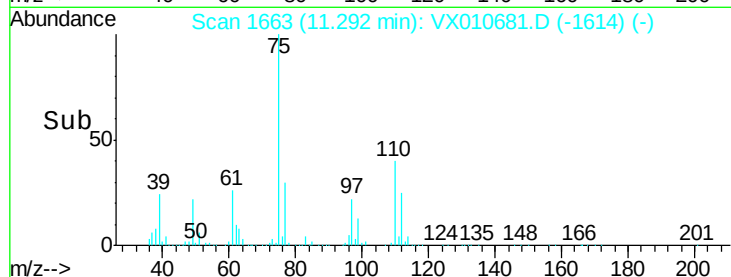
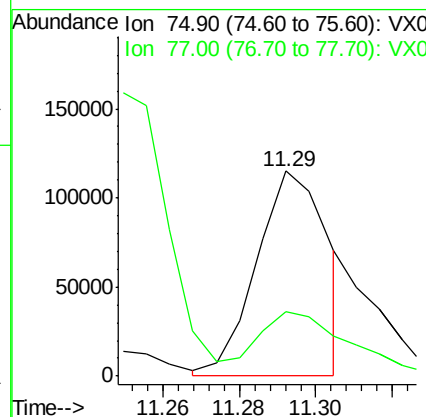
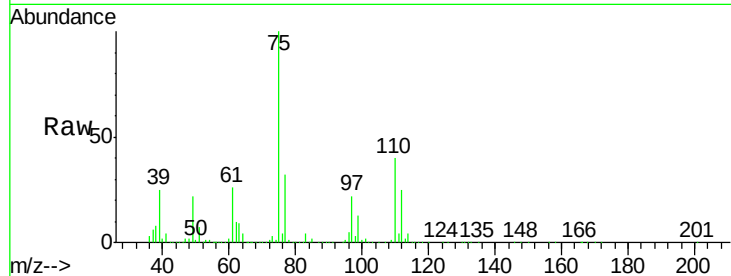
75 100

77 41.0 22.6 67.8

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#77

Bromobenzene

Concen: 49.920 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

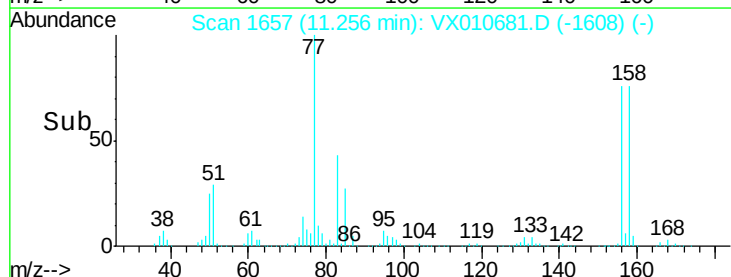
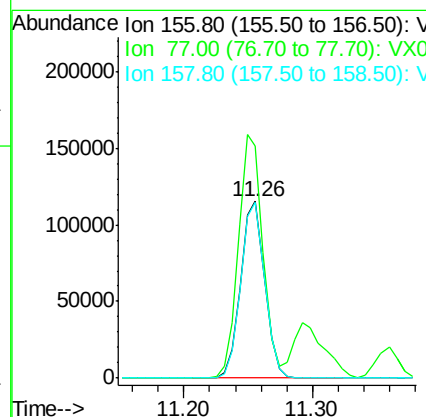
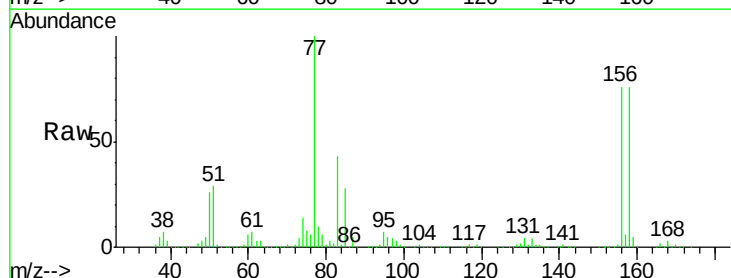
Tgt Ion: 156 Resp: 150172

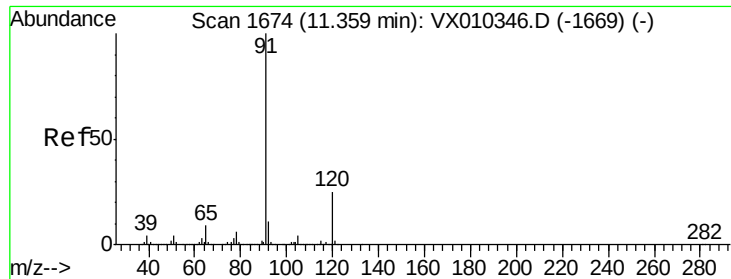
Ion Ratio Lower Upper

156 100

77 138.8 66.3 198.7

158 98.9 48.9 146.7





#78

n-propylbenzene

Concen: 51.961 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion: 91 Resp: 615241

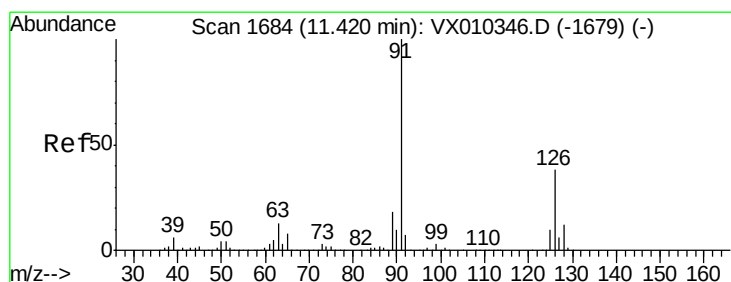
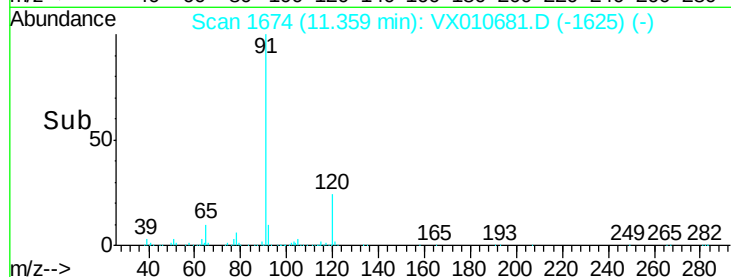
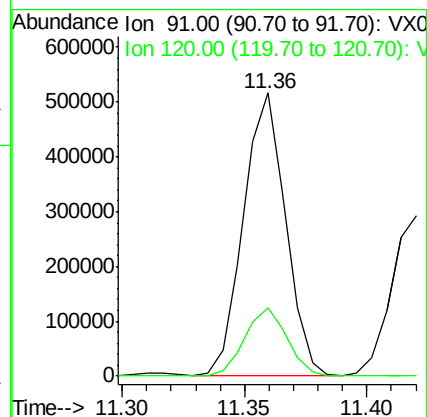
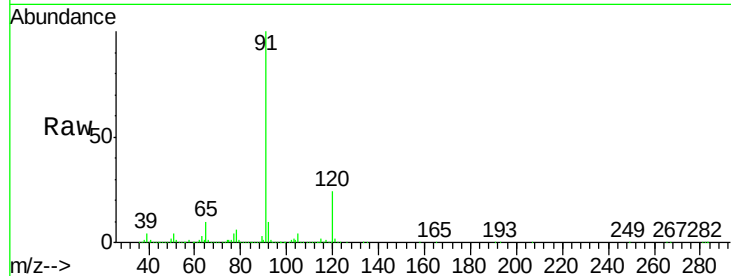
Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4

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#79

2-Chlorotoluene

Concen: 51.557 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010681.D

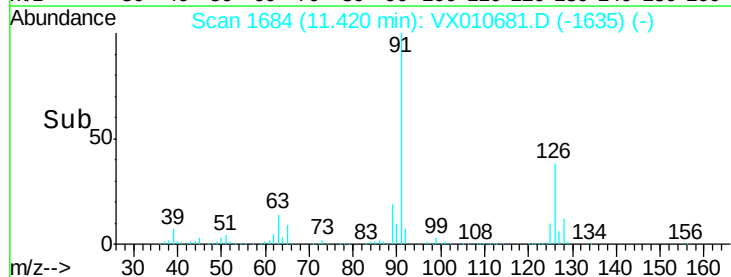
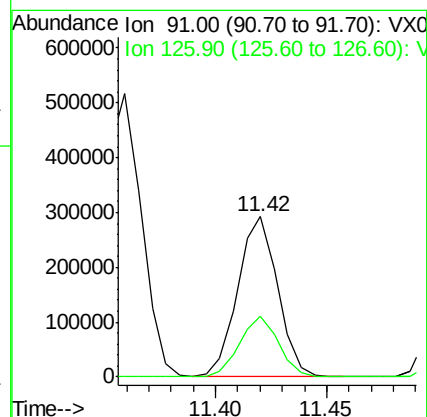
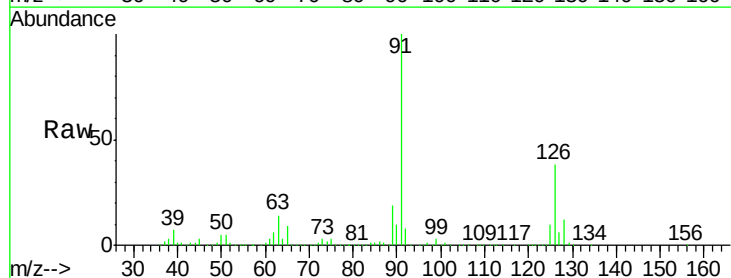
Acq: 04 Jul 2019 10:35

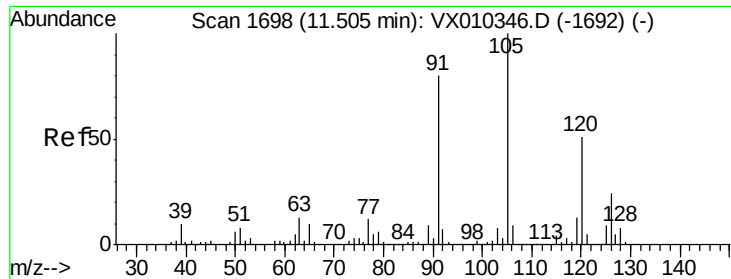
Tgt Ion: 91 Resp: 363515

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1





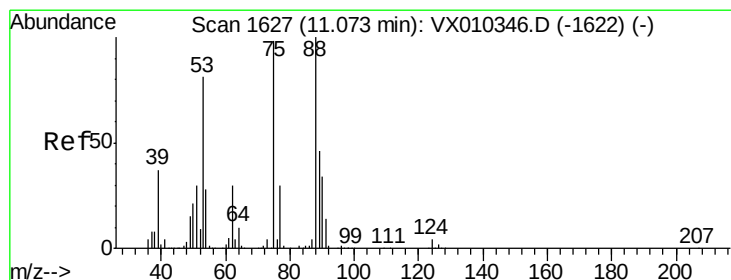
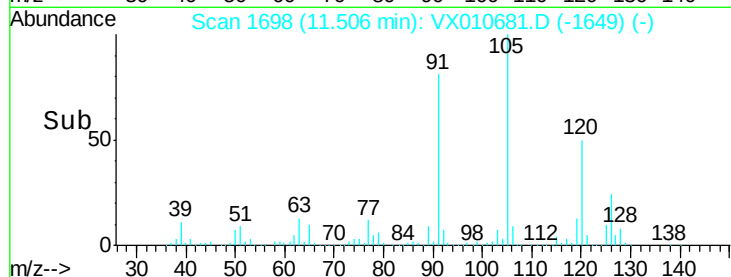
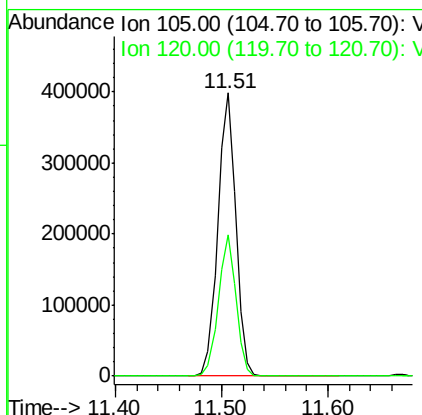
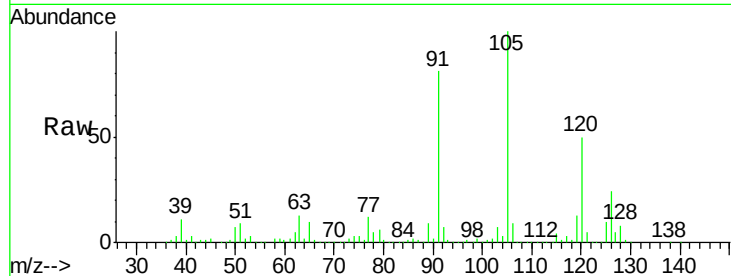
#80
 1,3,5-Trimethylbenzene
 Concen: 52.390 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion:105 Resp: 465298
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.2 75.6

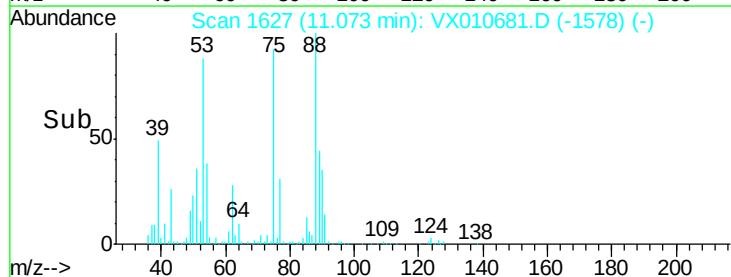
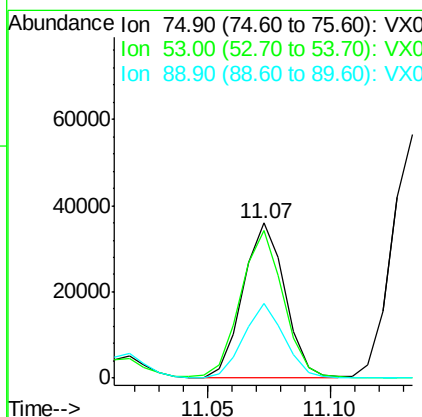
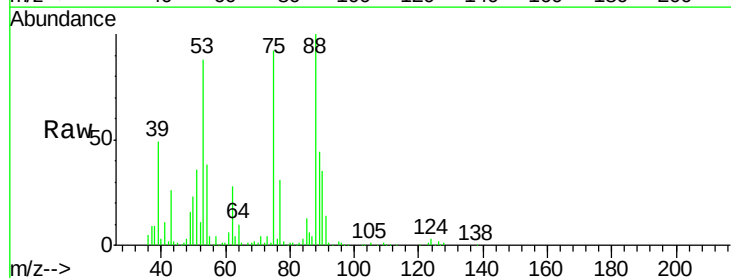
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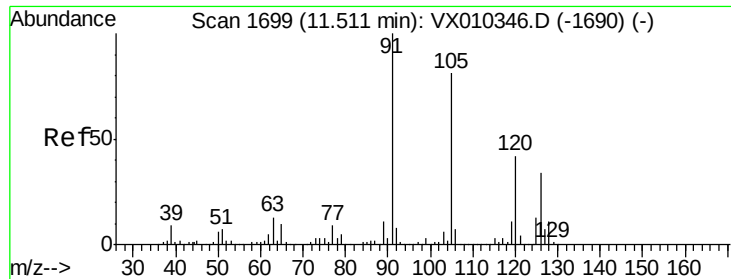
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.459 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion: 75 Resp: 42778
 Ion Ratio Lower Upper
 75 100
 53 96.4 66.1 99.1
 89 46.8 37.8 56.6





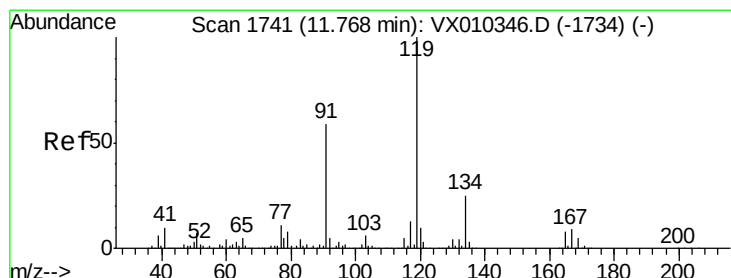
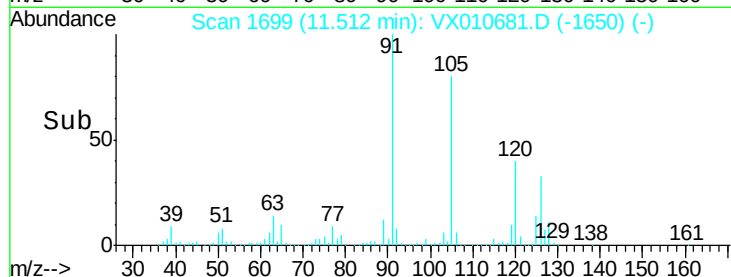
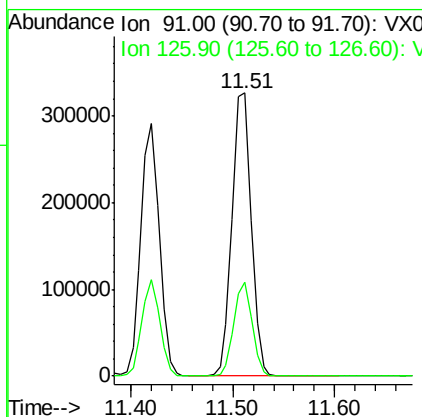
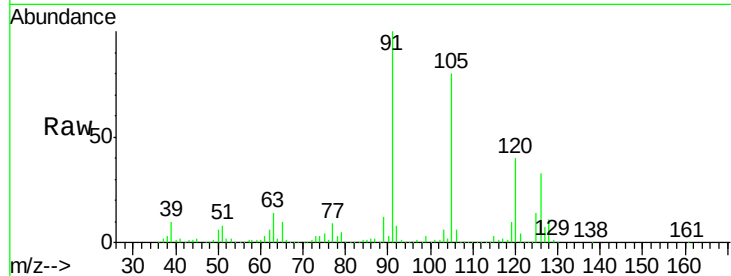
#82
4-Chlorotoluene
Concen: 52.693 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion: 91 Resp: 422754
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6

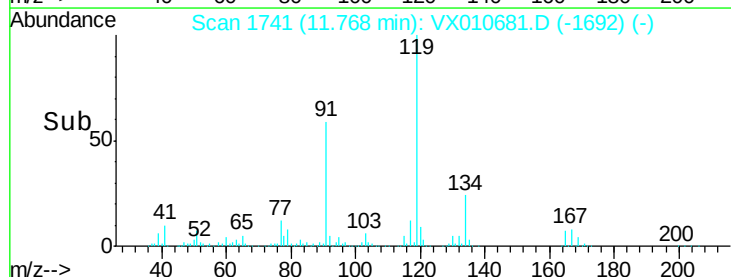
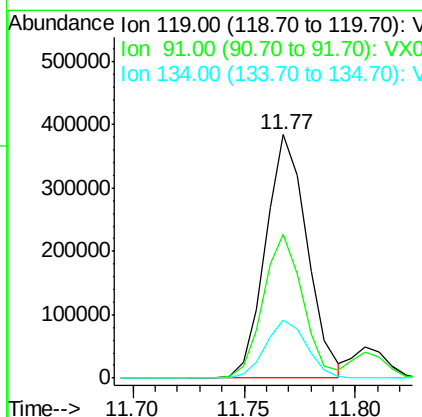
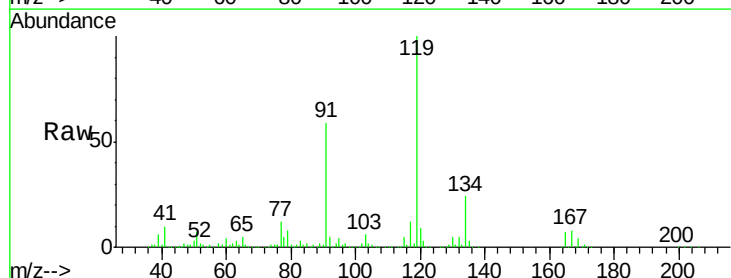
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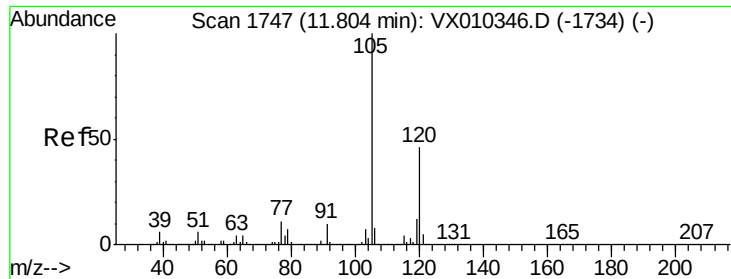
MMDadoda
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#83
tert-Butylbenzene
Concen: 55.853 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion: 119 Resp: 497887
Ion Ratio Lower Upper
119 100
91 56.3 27.6 82.7
134 23.8 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 52.562 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702MS

Tot Ion:105 Resp: 469012

Ion Ratio Lower Upper

105 100

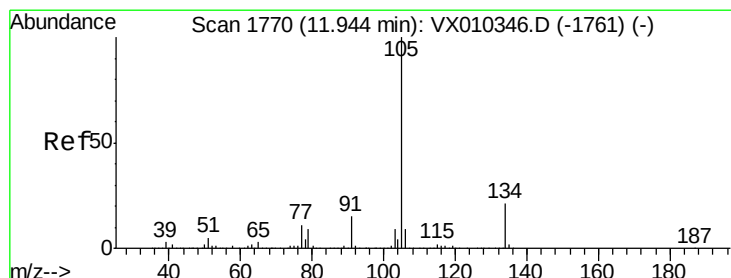
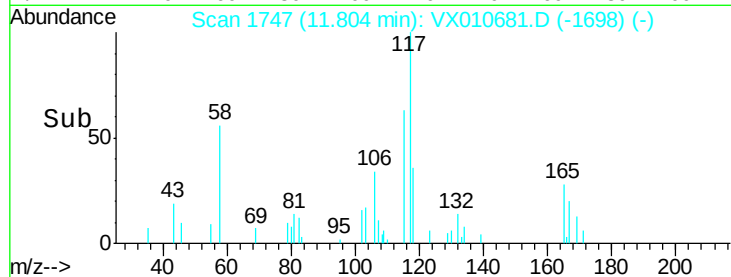
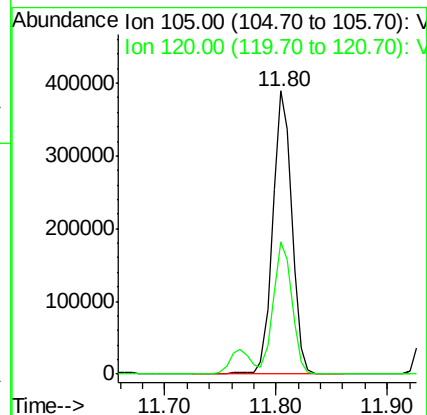
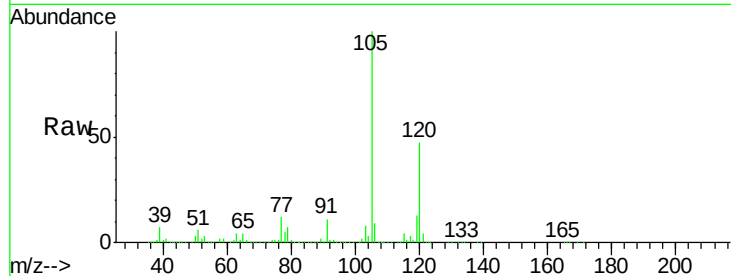
120 45.4 23.1 69.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 55.238 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010681.D

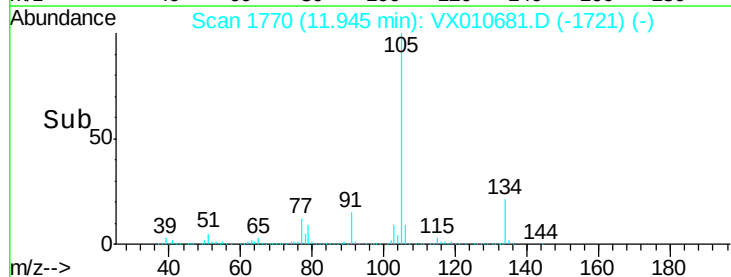
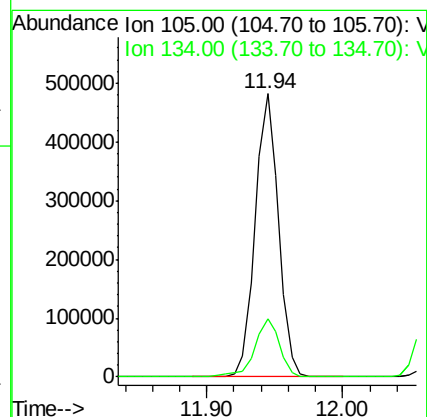
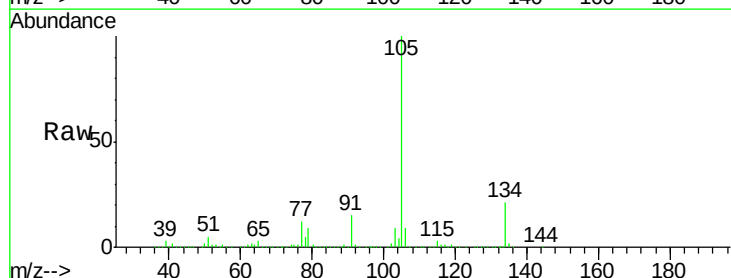
Acq: 04 Jul 2019 10:35

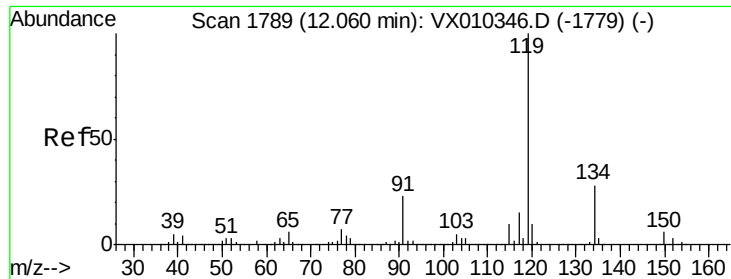
Tgt Ion:105 Resp: 578147

Ion Ratio Lower Upper

105 100

134 22.2 10.7 31.9





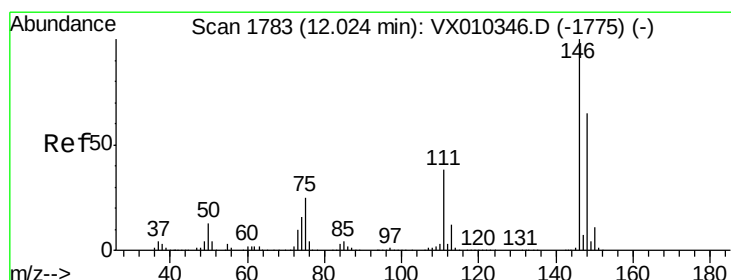
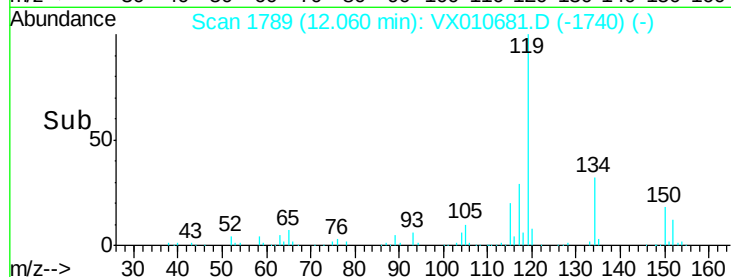
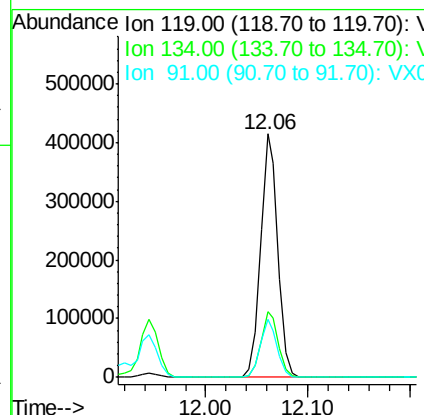
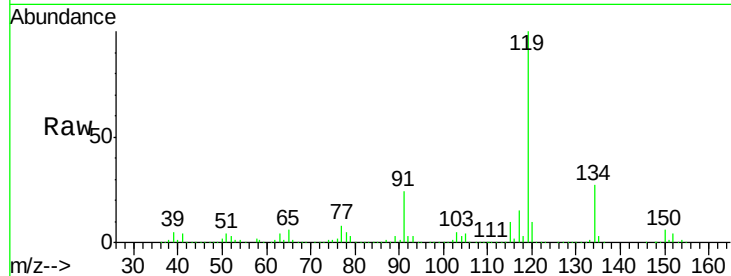
#86
 p-Isopropyltoluene
 Concen: 50.834 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	492132		
134	27.1	13.7	41.1	
91	23.2	11.3	33.8	

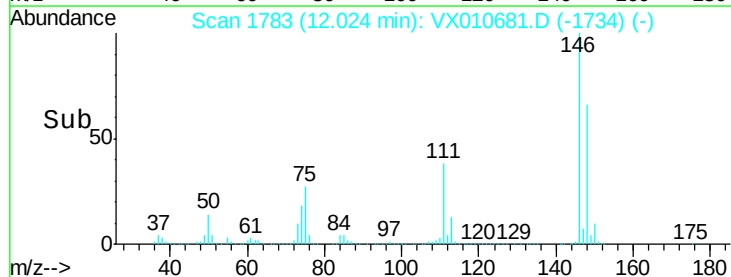
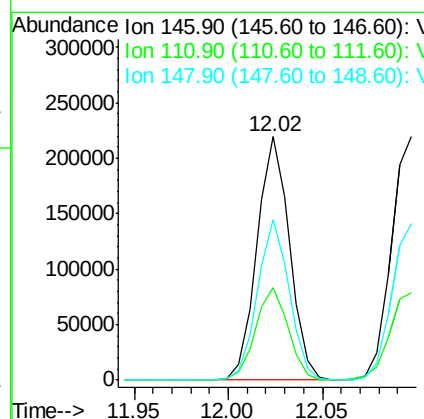
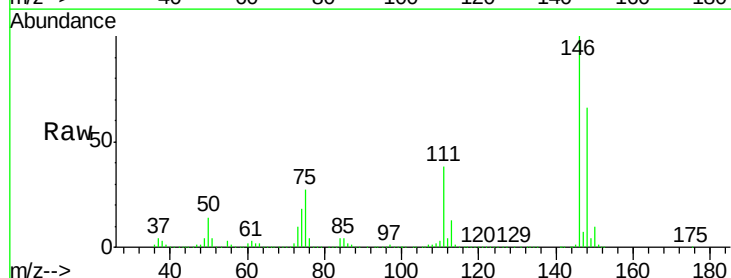
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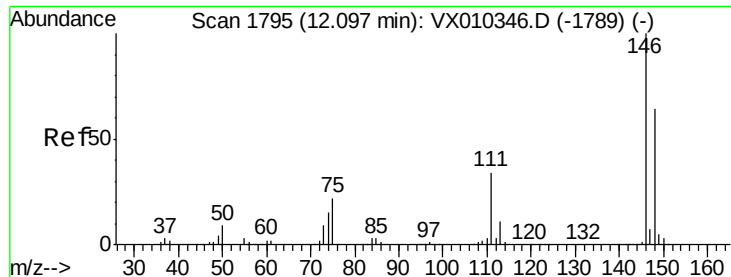
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#87
 1,3-Dichlorobenzene
 Concen: 50.027 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262696		
111	38.1	19.1	57.1	
148	64.5	32.5	97.4	





#88

1,4-Dichlorobenzene

Concen: 50.515 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

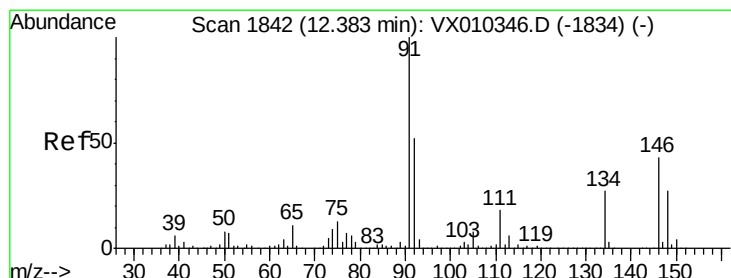
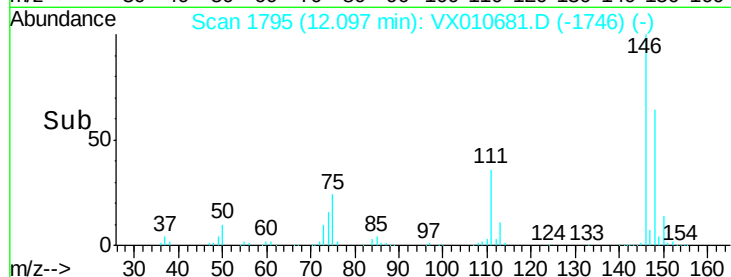
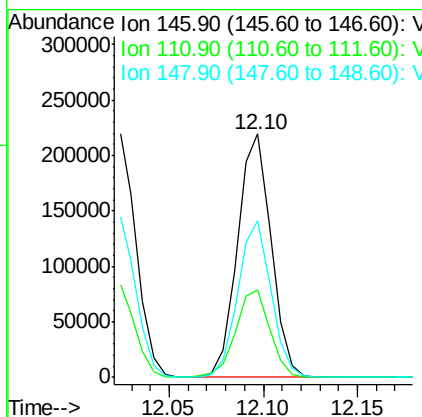
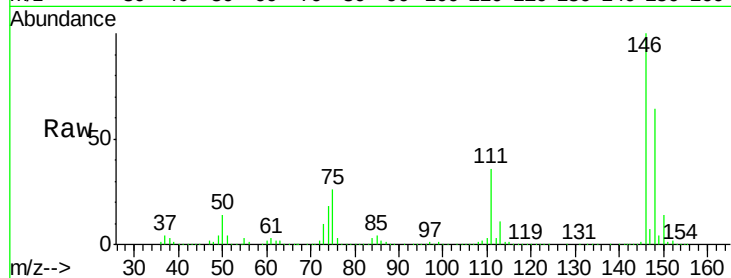
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	146	Resp:	270049
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.1	54.3
148	63.5	32.1	96.3

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#89

n-Butylbenzene

Concen: 50.762 ug/l

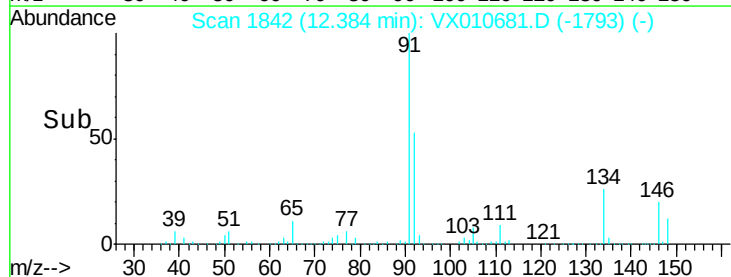
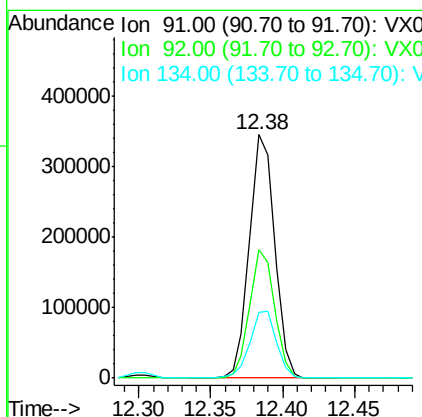
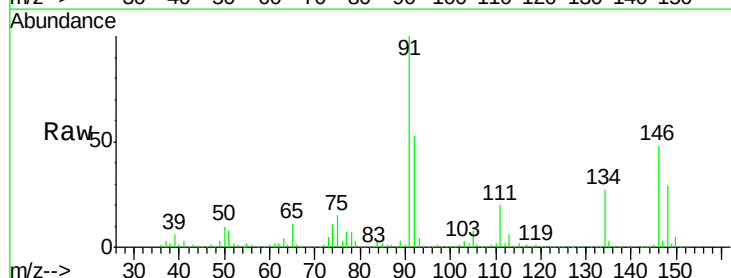
RT: 12.38 min Scan# 1842

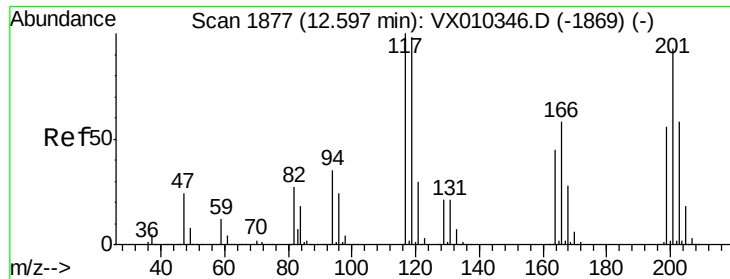
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	91	Resp:	417597
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.2	78.5
134	28.7	14.1	42.4





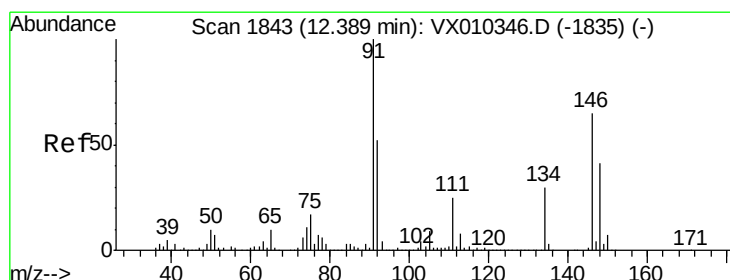
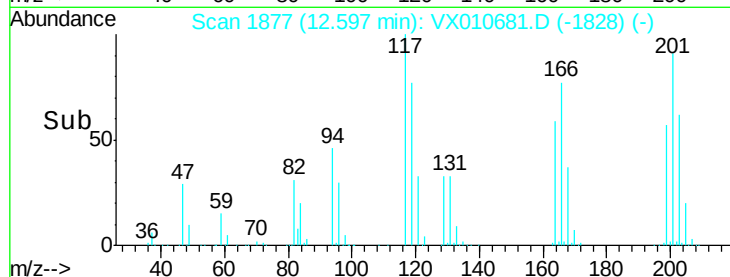
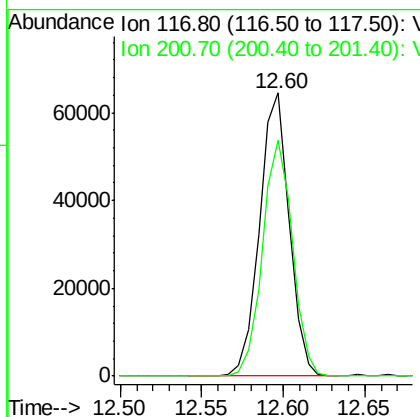
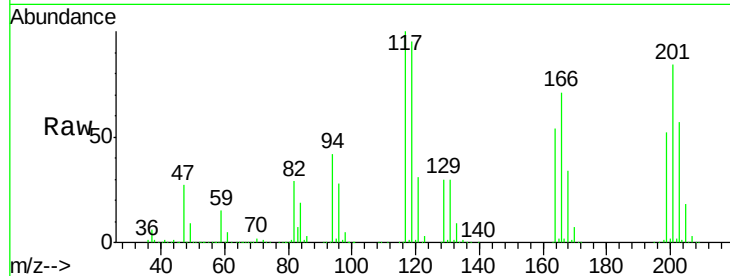
#90
Hexachloroethane
Concen: 48.461 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	83.8	44.0	131.8

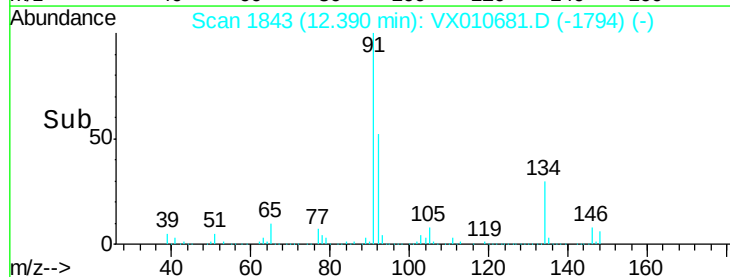
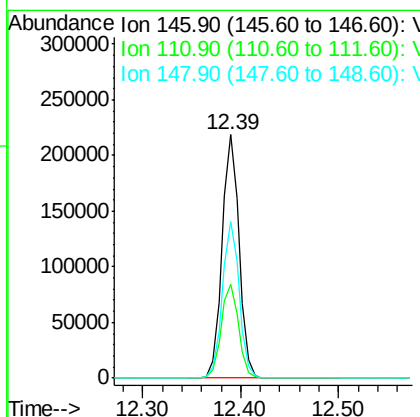
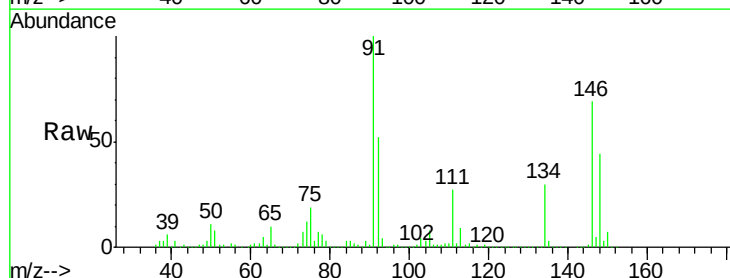
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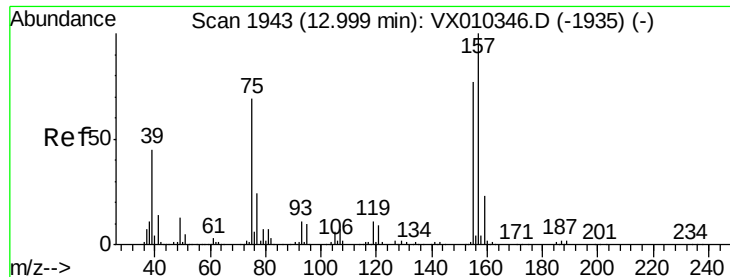
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#91
1,2-Dichlorobenzene
Concen: 50.447 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010681.D
Acq: 04 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.2	57.6
148	63.7	32.0	96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.121 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

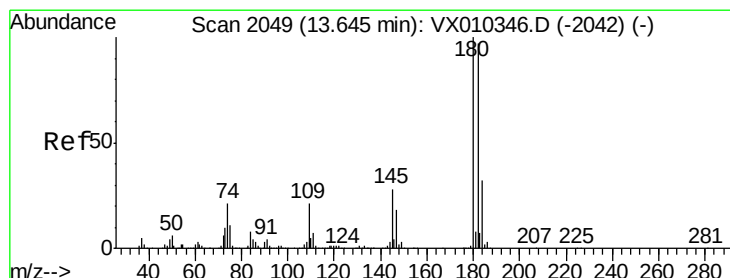
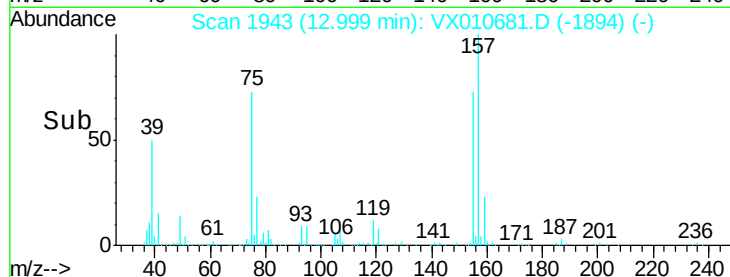
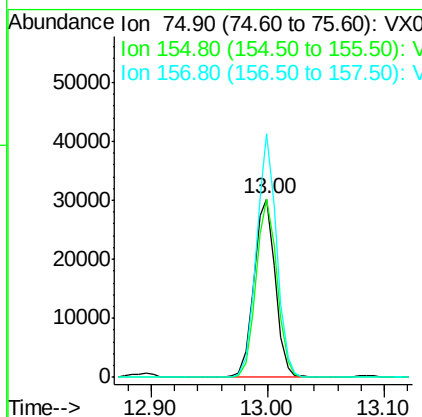
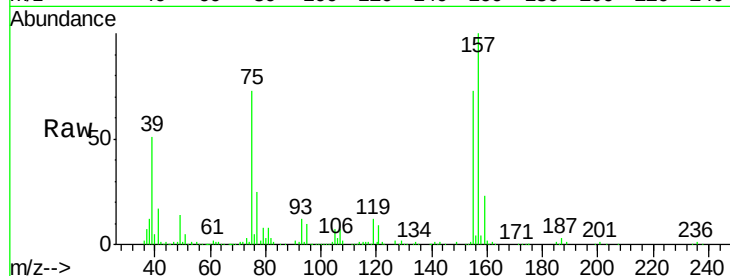
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	75	Resp:	38556
Ion Ratio	Lower	Upper	
75	100		
155	98.5	54.4	163.1
157	128.0	69.5	208.3

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#93

1,2,4-Trichlorobenzene

Concen: 48.477 ug/l

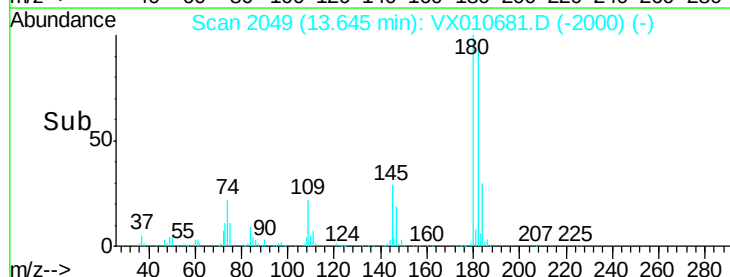
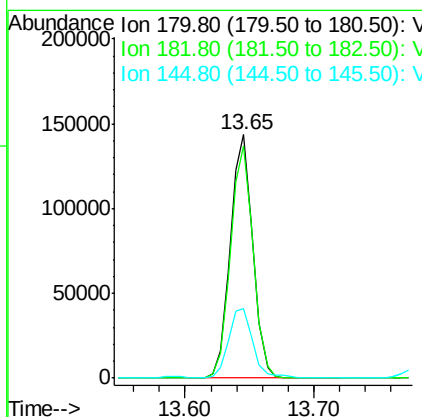
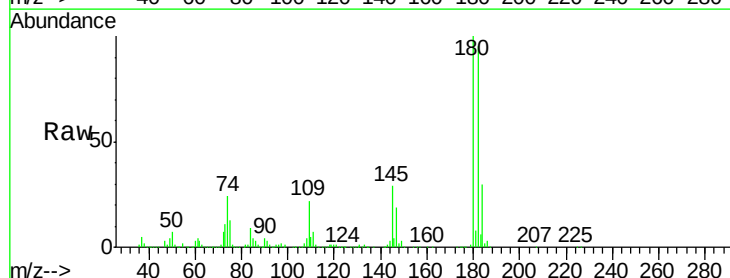
RT: 13.65 min Scan# 2049

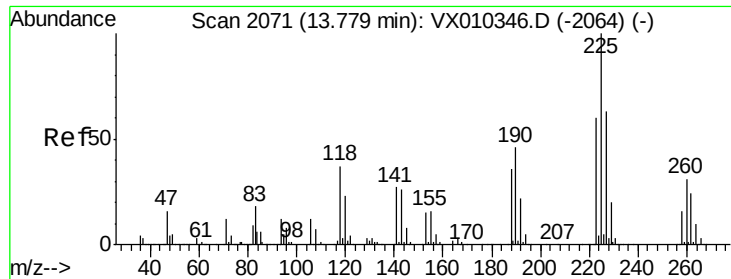
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	180	Resp:	175450
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	31.5	14.4	43.4





#94

Hexachlorobutadiene

Concen: 47.449 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Instrument :

MSVOA_X

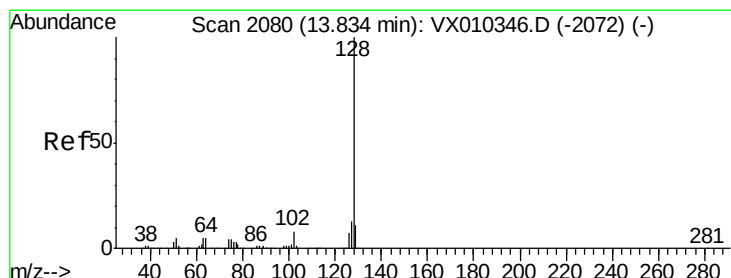
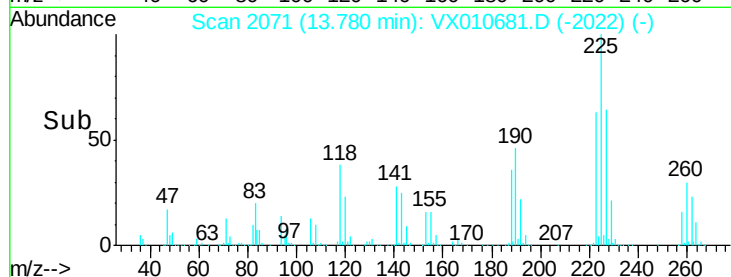
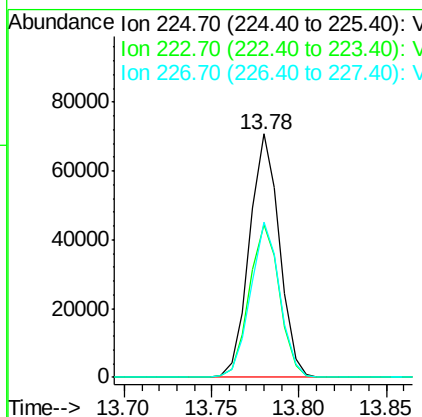
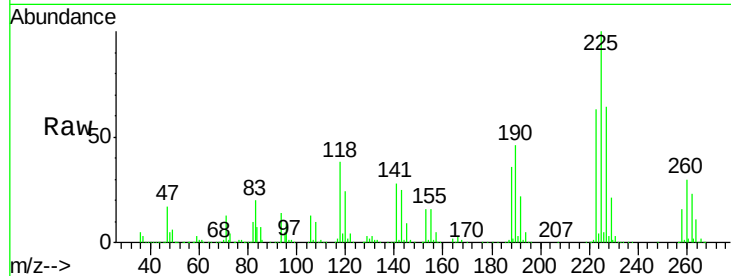
ClientSampleId :

SS038RW151-190702MS

Tot Ion:	225	Resp:	83931
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.9	92.7
227	62.1	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 50.582 ug/l

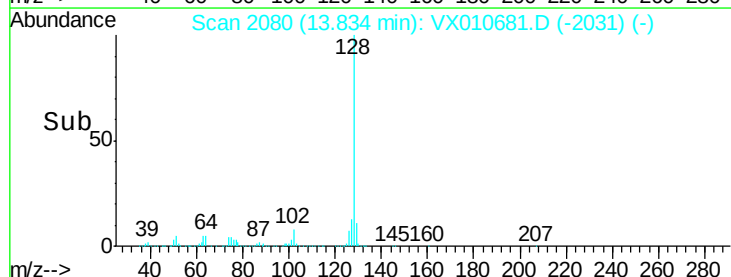
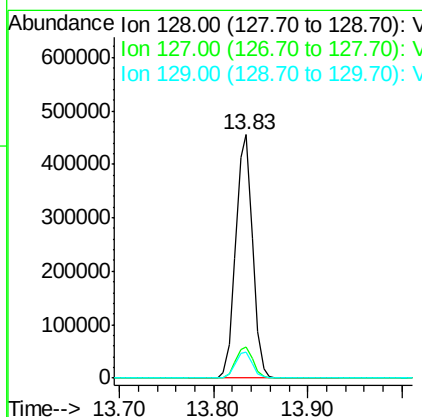
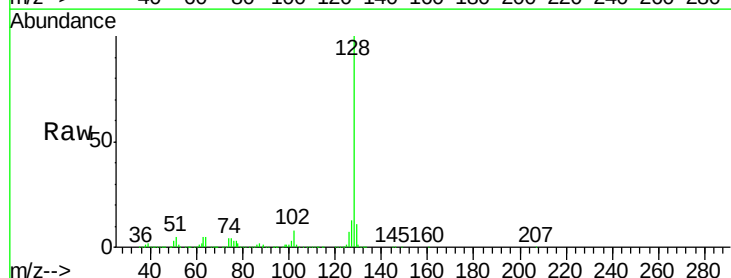
RT: 13.83 min Scan# 2080

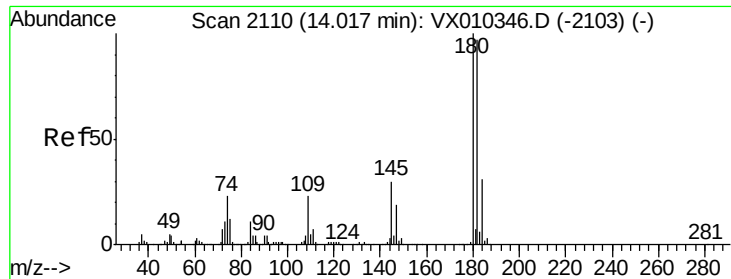
Delta R.T. 0.00 min

Lab File: VX010681.D

Acq: 04 Jul 2019 10:35

Tgt Ion:	128	Resp:	562579
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 50.107 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010681.D
 Acq: 04 Jul 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	47.8	143.3
145	31.8	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:54 AM

