

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007100.D
 Acq On : 17 Jan 2019 20:16
 Operator : JC/SP
 Sample : K1168-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:24:30 AM

Quant Time: Jan 18 06:59:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	507149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	768360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	688271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	266506	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	243327	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	893730	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	318732	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	208461	50.054	ug/l	99
3) Chloromethane	1.33	50	228192	47.067	ug/l	100
4) Vinyl Chloride	1.41	62	257587	49.391	ug/l	98
5) Bromomethane	1.64	94	247270	44.377	ug/l	96
6) Chloroethane	1.71	64	170702	46.876	ug/l	99
7) Trichlorofluoromethane	1.93	101	423088	50.208	ug/l	97
8) Diethyl Ether	2.19	74	166121	49.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	247066	48.973	ug/l	99
10) Methyl Iodide	2.51	142	357450	52.526	ug/l	100
11) Tert butyl alcohol	3.08	59	299399	239.468	ug/l	100
12) 1,1-Dichloroethene	2.37	96	227470	48.802	ug/l	97
13) Acrolein	2.30	56	148031	274.225	ug/l	99
14) Allyl chloride	2.73	41	396889	49.684	ug/l	98
15) Acrylonitrile	3.15	53	735662	256.314	ug/l	99
16) Acetone	2.45	43	625940	238.888	ug/l	98
17) Carbon Disulfide	2.57	76	533323	44.442	ug/l	99
18) Methyl Acetate	2.78	43	393105	51.806	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	825864	51.048	ug/l	99
20) Methylene Chloride	2.85	84	259568	52.107	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	245996	47.359	ug/l	98
22) Diisopropyl ether	3.87	45	752069	50.079	ug/l	95
23) Vinyl Acetate	3.82	43	3005352	237.300	ug/l	98
24) 1,1-Dichloroethane	3.70	63	415949	49.533	ug/l	98
25) 2-Butanone	4.70	43	922661	246.098	ug/l	100
26) 2,2-Dichloropropane	4.59	77	264865	41.018	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	276956	48.339	ug/l	99
28) Bromochloromethane	5.02	49	183163	49.784	ug/l	97
29) Tetrahydrofuran	5.15	42	614145	252.062	ug/l	97
30) Chloroform	5.21	83	442642	50.346	ug/l	97
31) Cyclohexane	5.57	56	361235	48.332	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	371980	49.915	ug/l	99
36) 1,1-Dichloropropene	5.79	75	312131	46.724	ug/l	99
37) Ethyl Acetate	4.85	43	337432	47.115	ug/l	98
38) Carbon Tetrachloride	5.79	117	322957	48.051	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	438366	51.474	ug/l	92
40) Benzene	6.14	78	979062	48.032	ug/l	99
41) Methacrylonitrile	5.06	41	194884	47.236	ug/l	99
42) 1,2-Dichloroethane	6.20	62	335212	47.590	ug/l	99
43) Isopropyl Acetate	6.46	43	562778	49.817	ug/l	98
44) Trichloroethene	7.21	130	277891	45.495	ug/l	99
45) 1,2-Dichloropropane	7.52	63	245378	47.883	ug/l	99
46) Dibromomethane	7.66	93	176873	49.111	ug/l	97
47) Bromodichloromethane	7.90	83	316953	51.703	ug/l	97
48) Methyl methacrylate	7.77	41	290393	50.056	ug/l	97
49) 1,4-Dioxane	7.75	88	112407	847.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1874084	258.137	ug/l	98
52) Toluene	8.79	92	629197	48.026	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	344642	50.700	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	372127	49.571	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266286	50.780	ug/l	98
56) Ethyl methacrylate	9.18	69	399357	52.167	ug/l	95
57) 1,3-Dichloropropane	9.37	76	430553	50.117	ug/l	99
59) 2-Hexanone	9.49	43	1381673	249.735	ug/l	99
60) Dibromochloromethane	9.59	129	278096	54.614	ug/l	98
61) 1,2-Dibromoethane	9.67	107	288324	49.944	ug/l	99
64) Tetrachloroethene	9.34	164	258706	43.415	ug/l	97
65) Chlorobenzene	10.14	112	808271	53.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265053	52.487	ug/l	99
67) Ethyl Benzene	10.25	91	1201135	48.468	ug/l	99
68) m/p-Xylenes	10.36	106	948667	97.161	ug/l	100
69) o-Xylene	10.70	106	465786	48.916	ug/l	97
70) Stvrene	10.71	104	754926	50.058	ug/l	100
71) Bromoform	10.86	173	208241	46.461	ug/l #	98
73) Isopropylbenzene	11.02	105	1330489	53.851	ug/l	98
74) N-amyl acetate	10.90	43	498941	50.157	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	402919	51.369	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	361464m	50.908	ug/l	
77) Bromobenzene	11.26	156	334054	49.070	ug/l	98
78) n-propylbenzene	11.36	91	1377455	50.786	ug/l	99
79) 2-Chlorotoluene	11.42	91	797249	48.830	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1016881	49.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100967	43.450	ug/l	94
82) 4-Chlorotoluene	11.51	91	930706	49.234	ug/l	100
83) tert-Butylbenzene	11.77	119	1213730	58.926	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1034630	49.838	ug/l	99
85) sec-Butylbenzene	11.94	105	1687883	68.616	ug/l	80
86) p-Isopropyltoluene	12.06	119	1100208	50.002	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	590752	48.010	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	596196	51.135	ug/l	99
89) n-Butylbenzene	12.39	91	971979	51.820	ug/l	99
90) Hexachloroethane	12.60	117	173133	49.330	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	594058	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90888	58.589	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	417361	50.097	ug/l	95

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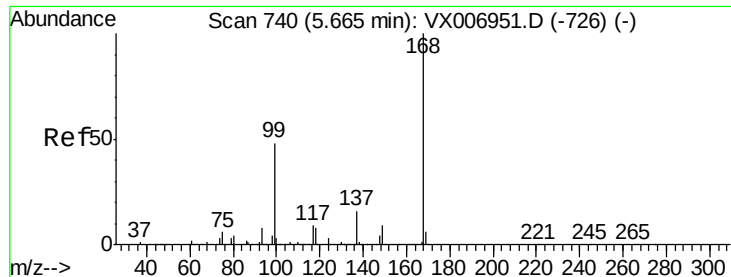
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QLast Update : Tue Jan 08 14:06:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	201590	54.528	ug/l	98
95) Naphthalene	13.83	128	1322225	52.377	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	421486	50.930	ug/l	97

(#) = 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: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion:168 Resp: 507149

Ion Ratio Lower Upper

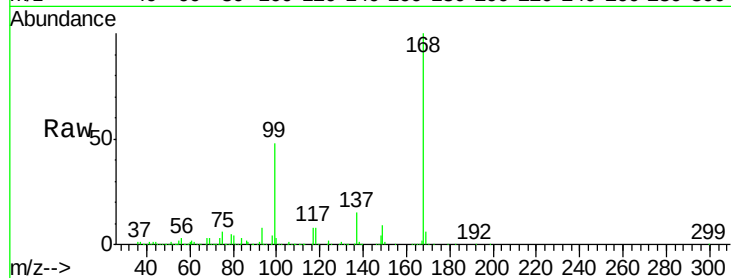
168 100

99 47.3 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

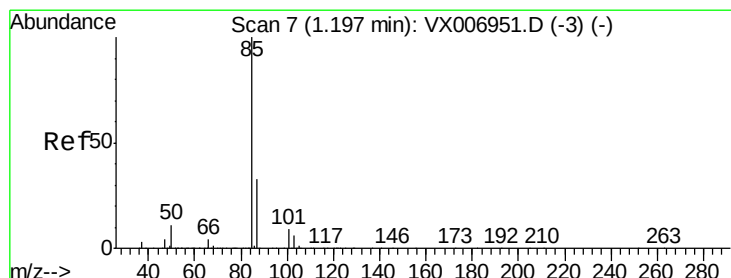
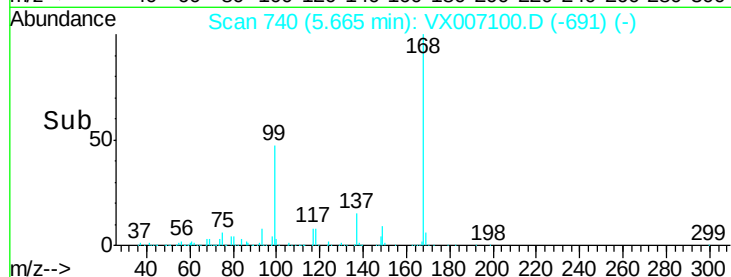
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.054 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007100.D

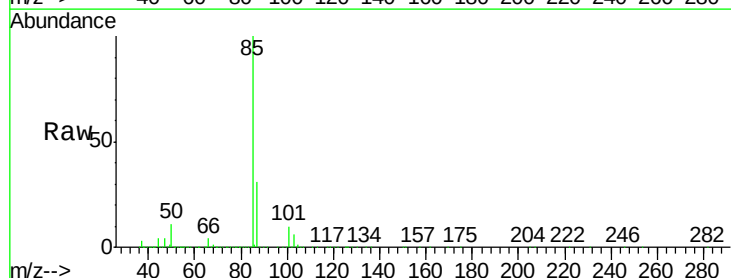
Acq: 17 Jan 2019 20:16

Tgt Ion: 85 Resp: 208461

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

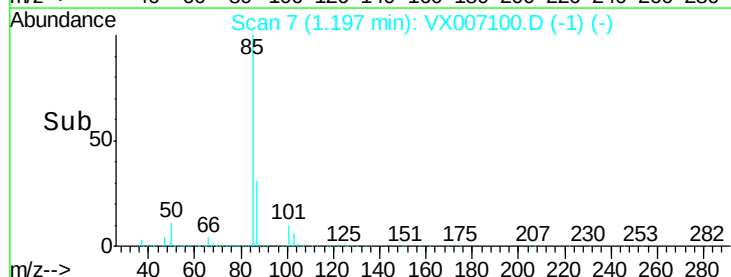
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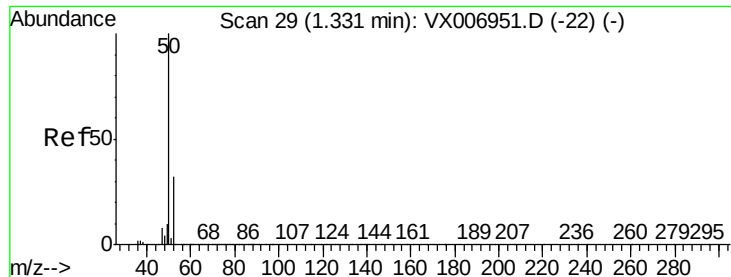
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.067 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 50 Resp: 228192

Ion Ratio Lower Upper

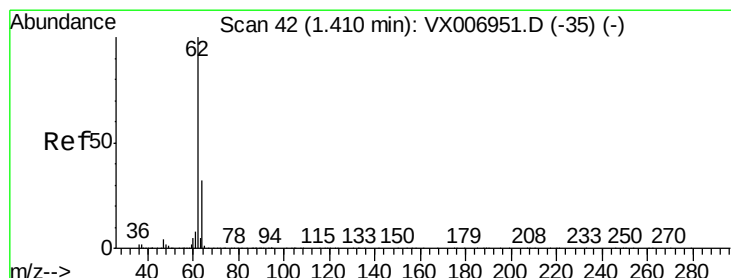
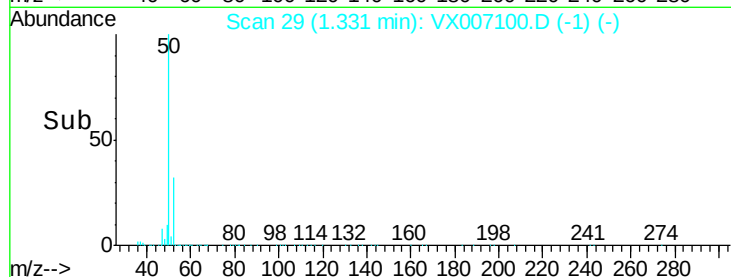
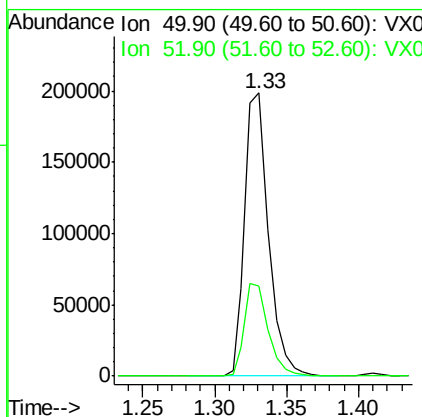
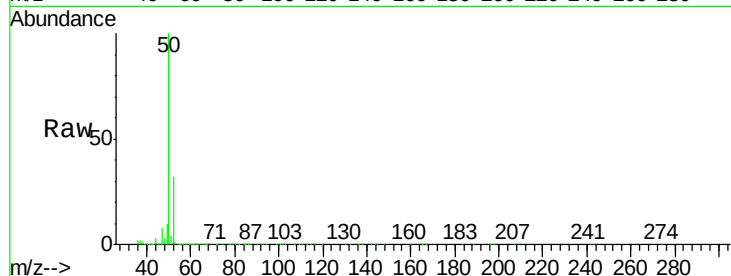
50 100

52 31.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 49.391 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007100.D

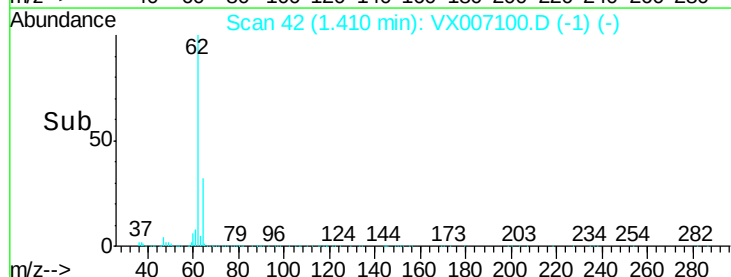
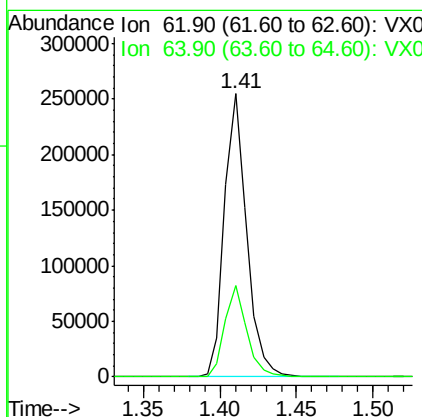
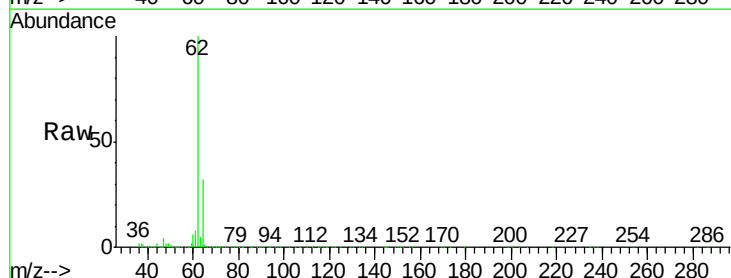
Acq: 17 Jan 2019 20:16

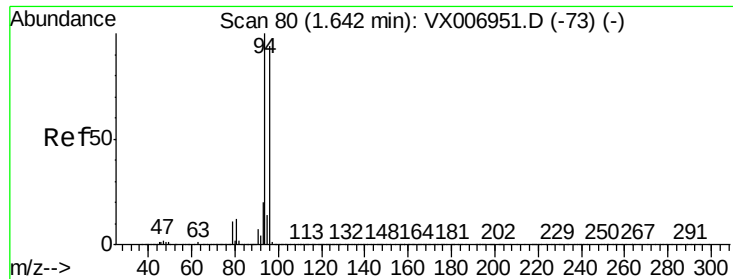
Tgt Ion: 62 Resp: 257587

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 44.377 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 94 Resp: 247270

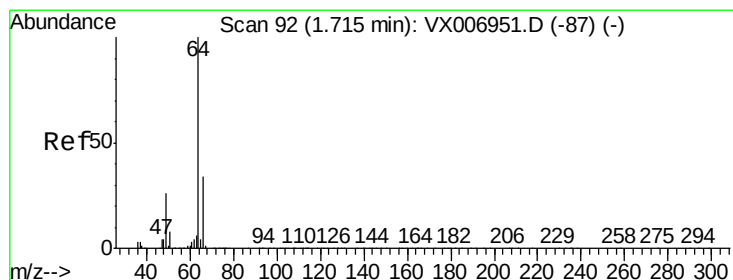
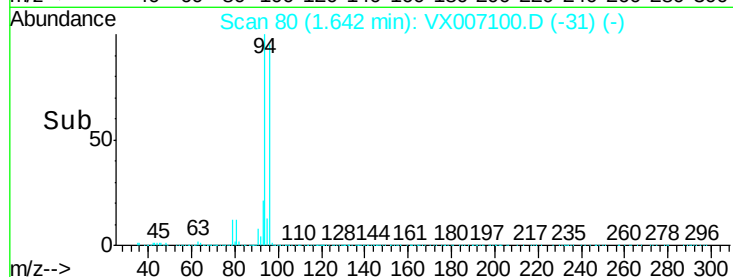
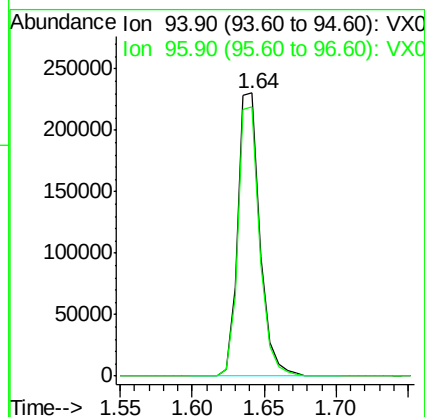
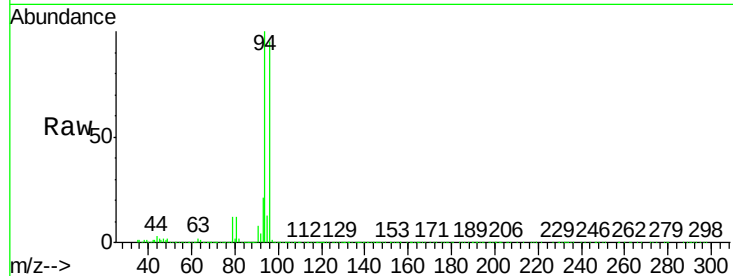
Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 46.876 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007100.D

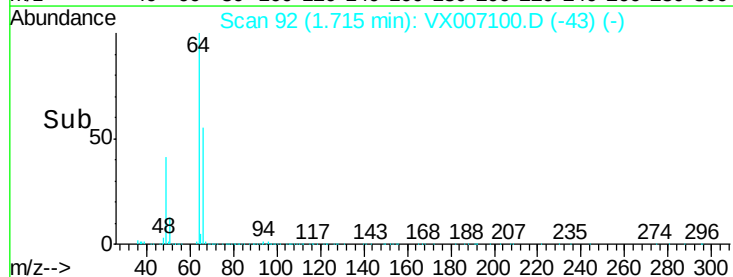
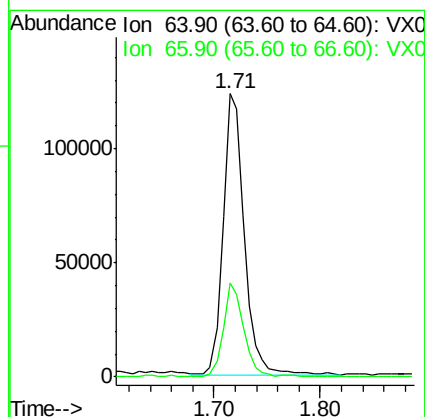
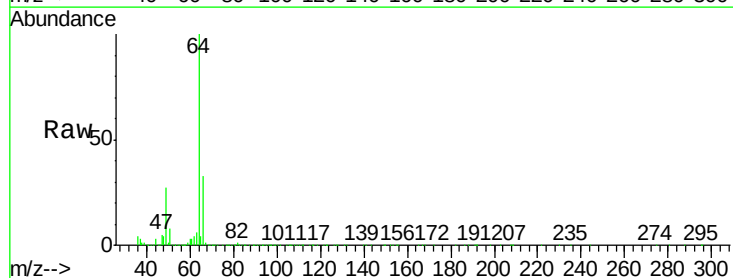
Acq: 17 Jan 2019 20:16

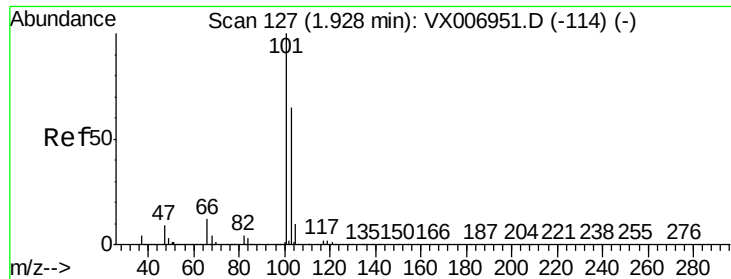
Tgt Ion: 64 Resp: 170702

Ion Ratio Lower Upper

64 100

66 33.4 26.4 39.6





#7

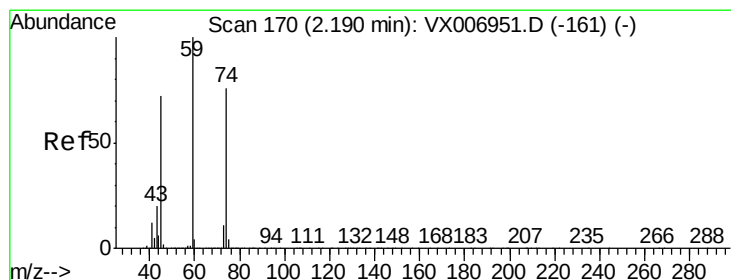
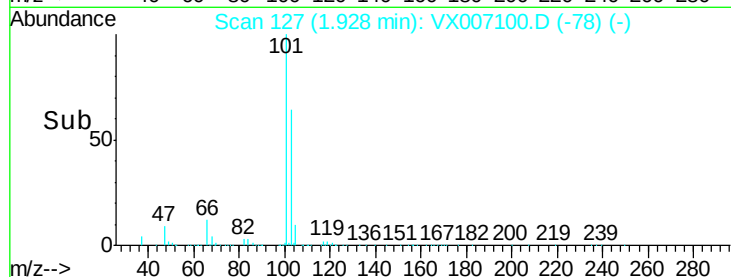
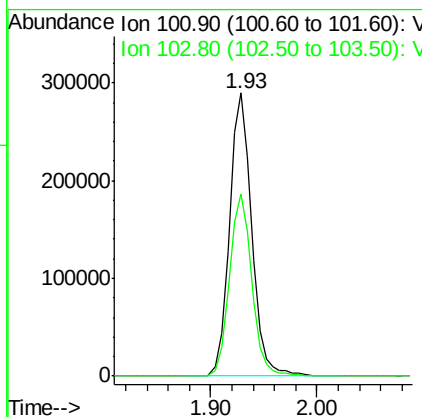
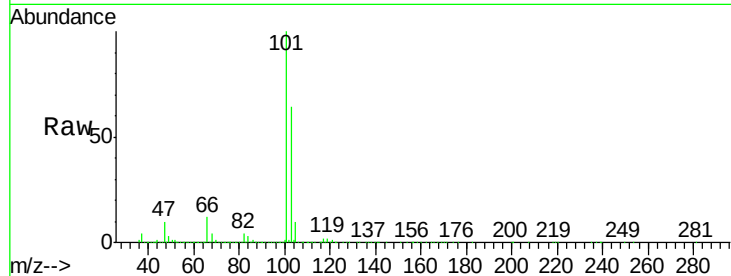
Trichlorofluoromethane
Concen: 50.208 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

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ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.2	79.8

Manual Integrations
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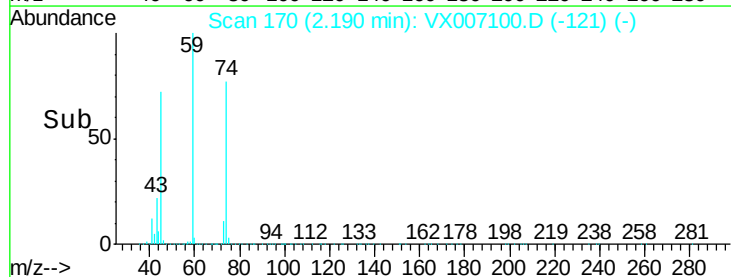
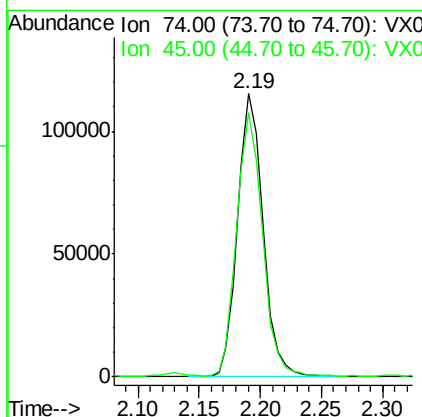
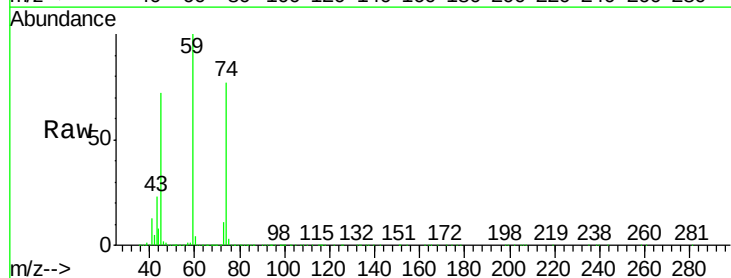
MMDadoda
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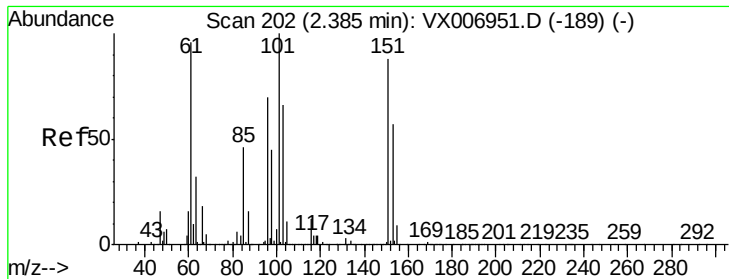


#8

Diethyl Ether
Concen: 49.552 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.973 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

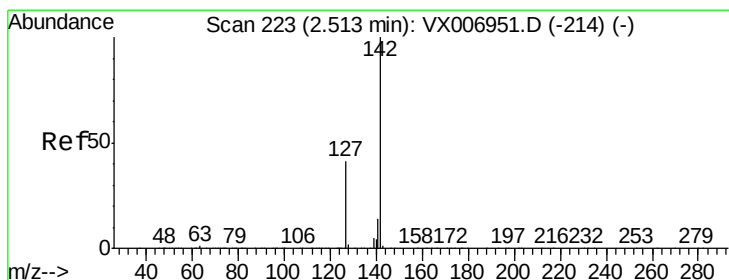
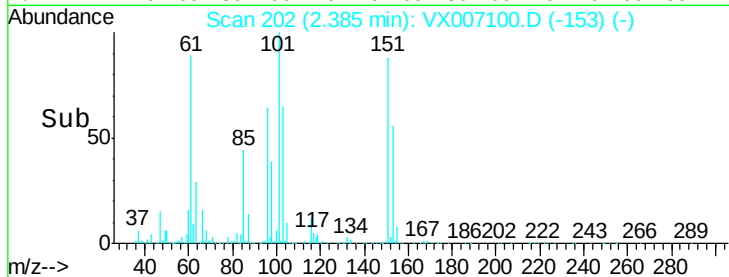
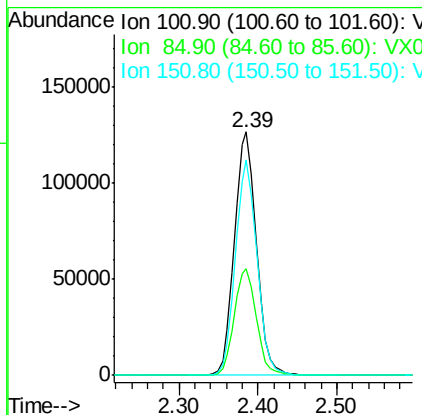
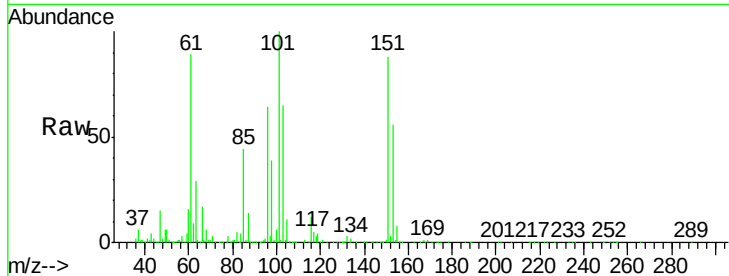
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	101	Resp:	247066
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.1	52.7
151	86.7	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.526 ug/l

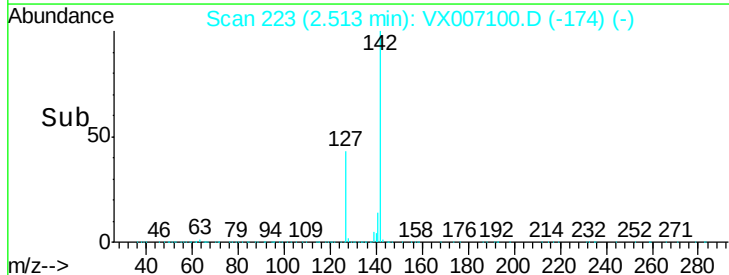
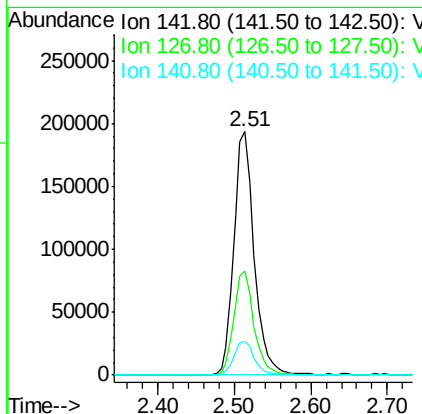
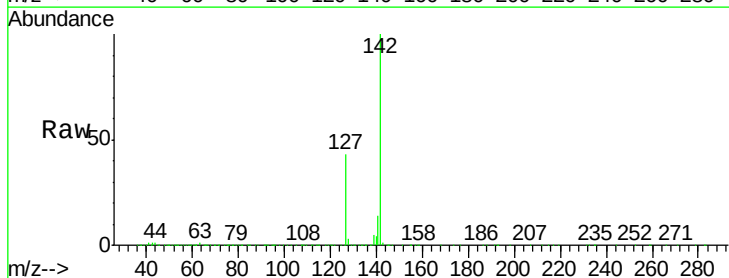
RT: 2.51 min Scan# 223

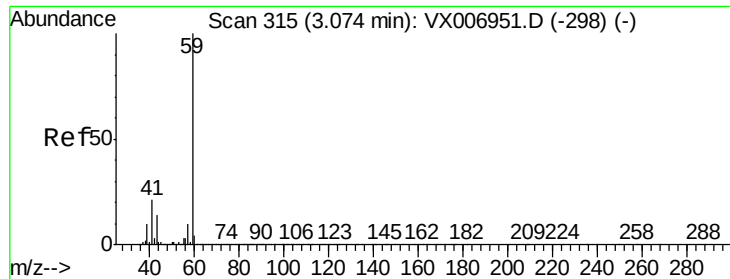
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	142	Resp:	357450
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.9	50.9
141	14.1	11.4	17.0





#11

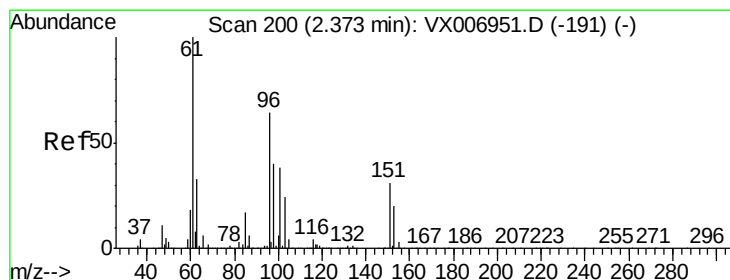
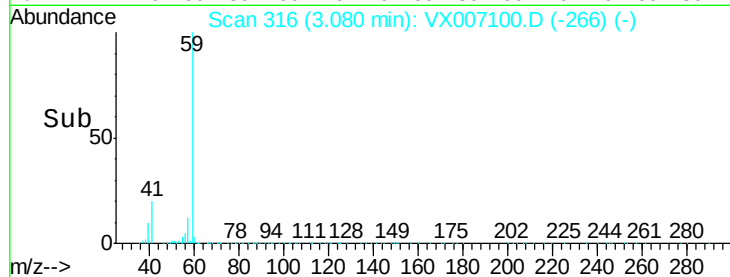
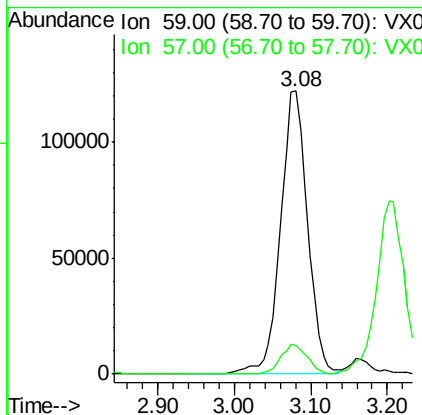
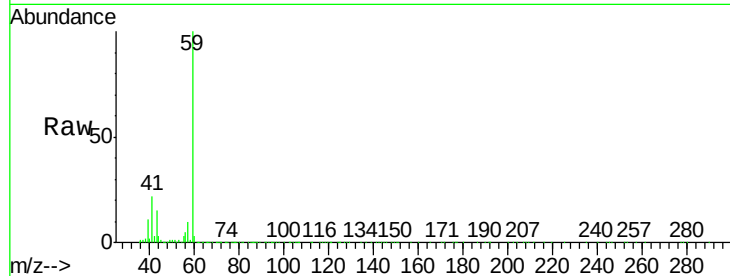
Tert butyl alcohol
Concen: 239.468 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	299399		
57	10.4		8.5	12.7

Manual Integrations
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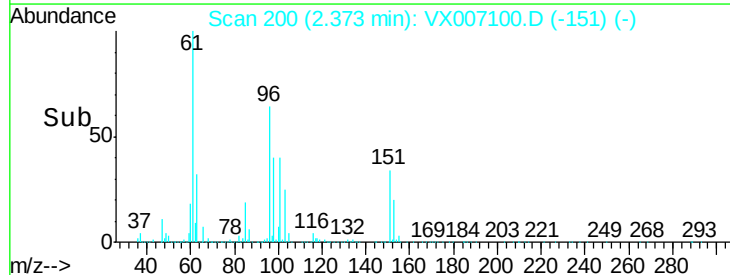
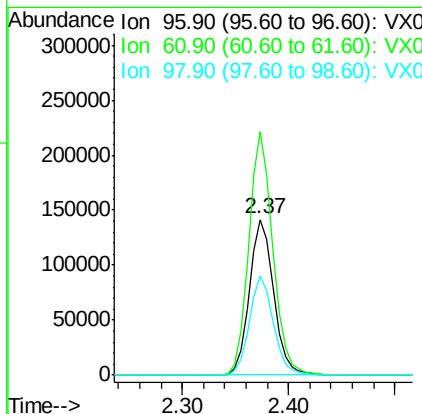
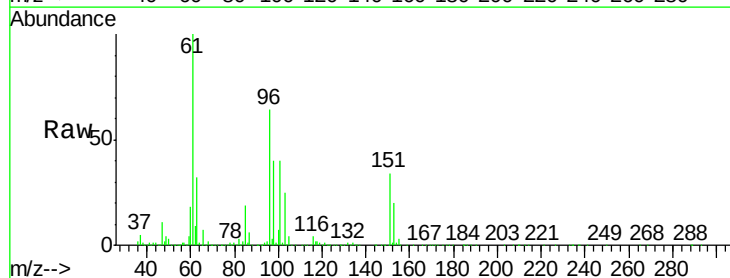
MMDadoda
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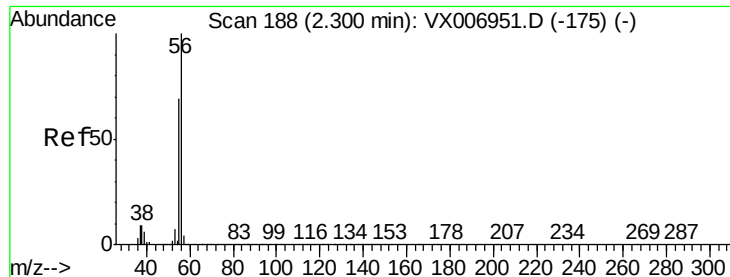


#12

1,1-Dichloroethene
Concen: 48.802 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	227470		
61	156.2		121.4	182.2
98	63.3		51.9	77.9





#13

Acrolein

Concen: 274.225 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 56 Resp: 148031

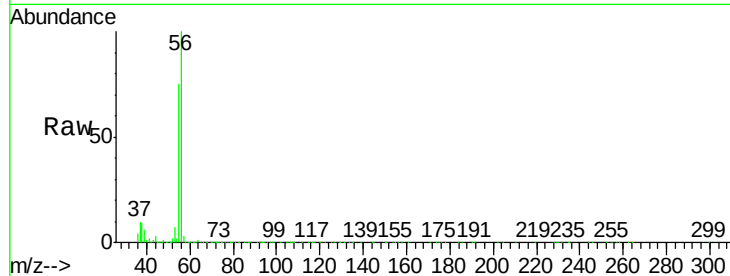
Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

100000

80000

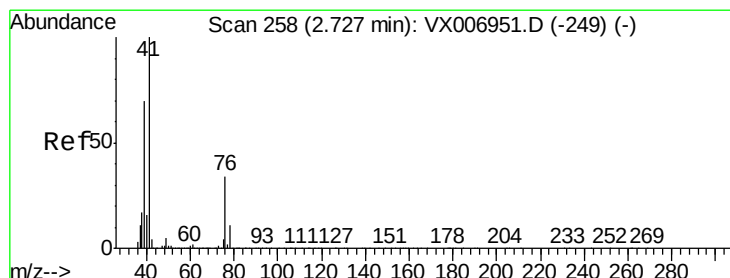
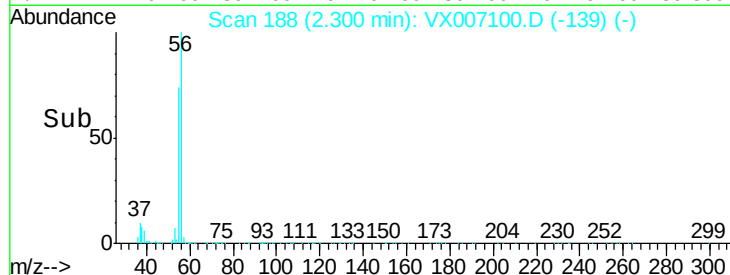
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 49.684 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

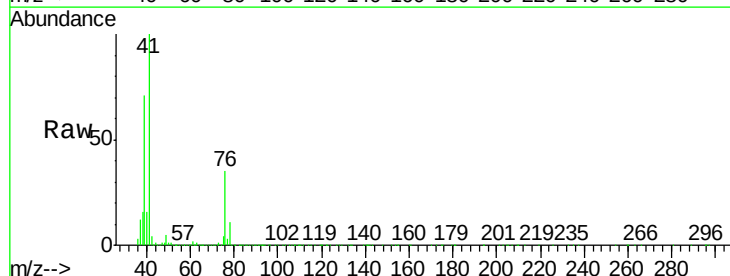
Tgt Ion: 41 Resp: 396889

Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 32.9 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

250000

200000

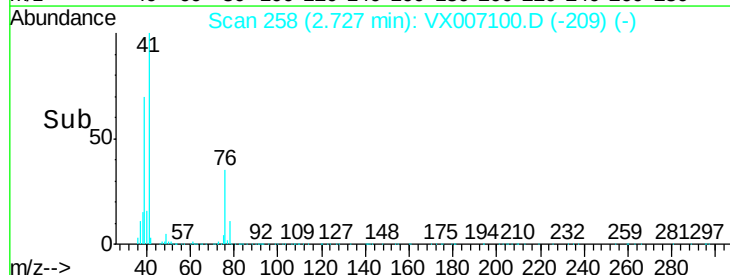
150000

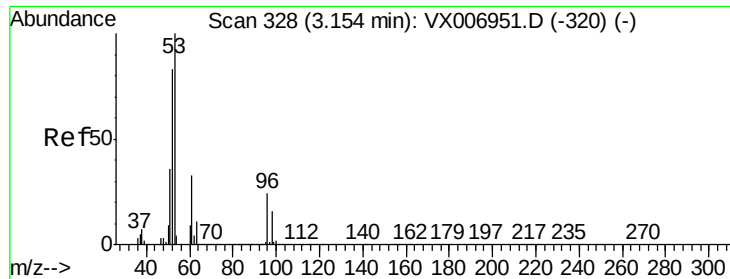
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 256.314 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

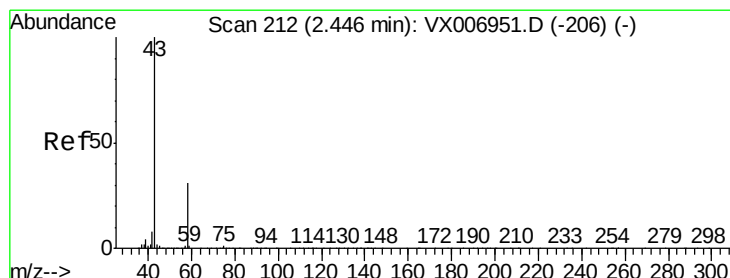
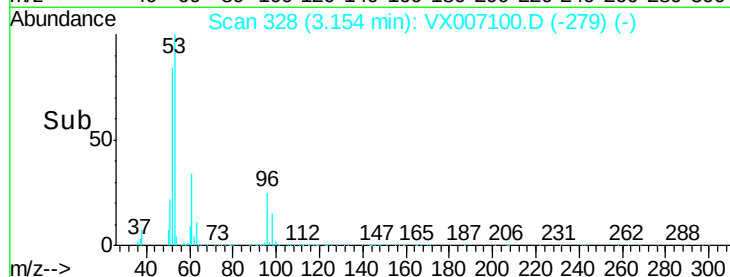
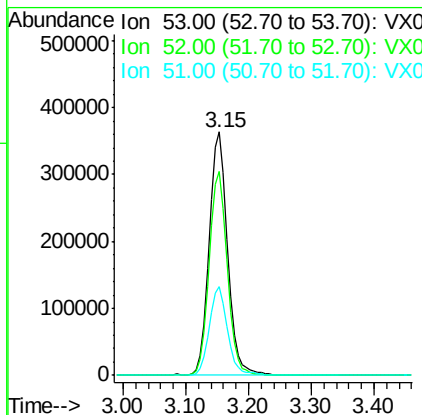
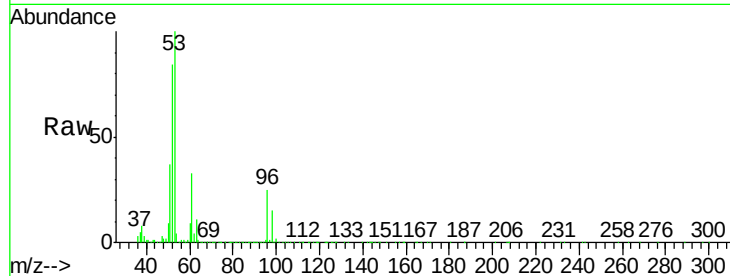
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	53	Resp:	735662
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.0	99.0
51	36.4	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 238.888 ug/l

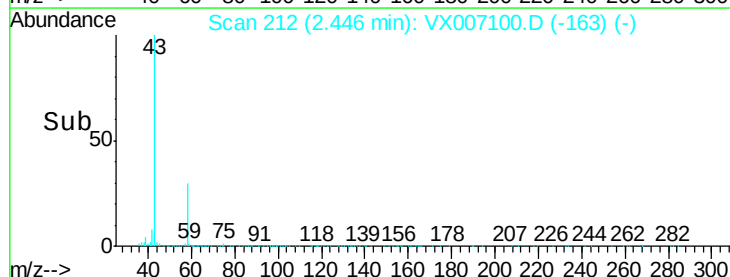
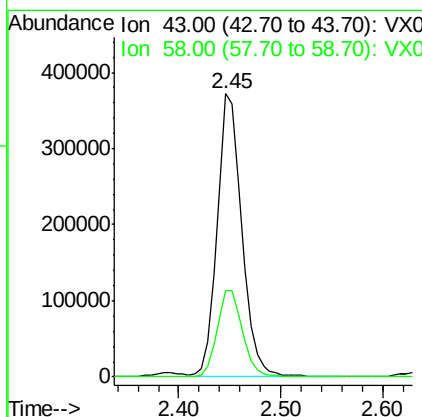
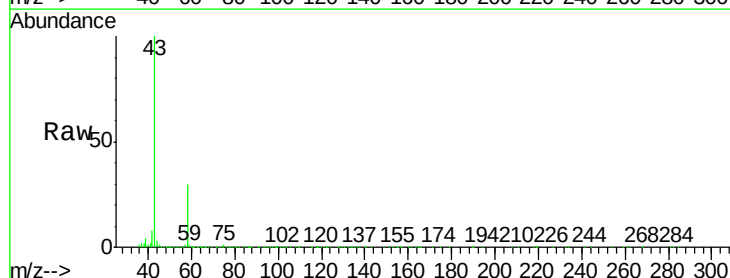
RT: 2.45 min Scan# 212

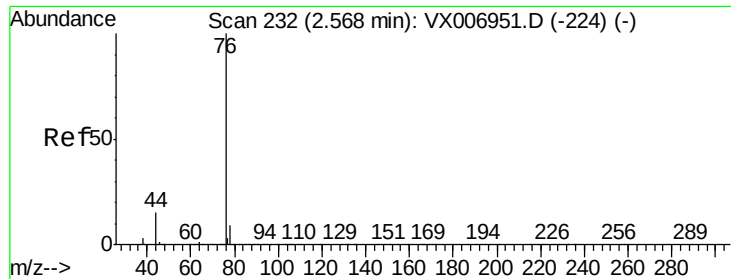
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	43	Resp:	625940
Ion Ratio		Lower	Upper
43	100		
58	30.2	25.0	37.6





#17

Carbon Disulfide

Concen: 44.442 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 76 Resp: 533323

Ion Ratio Lower Upper

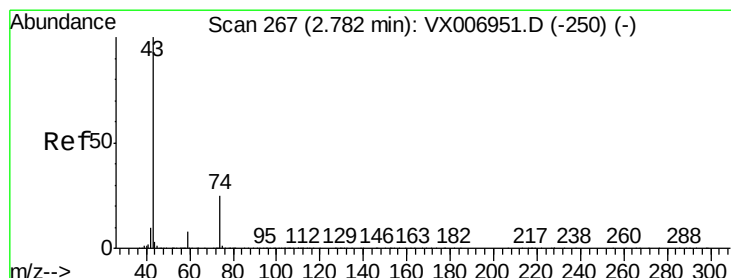
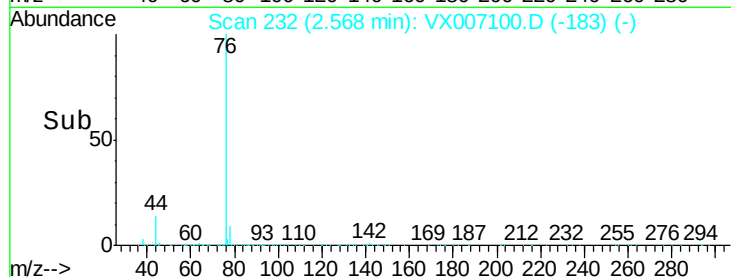
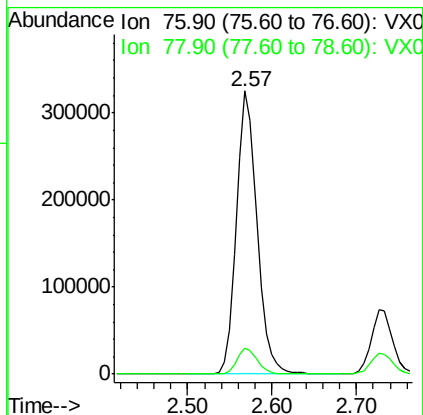
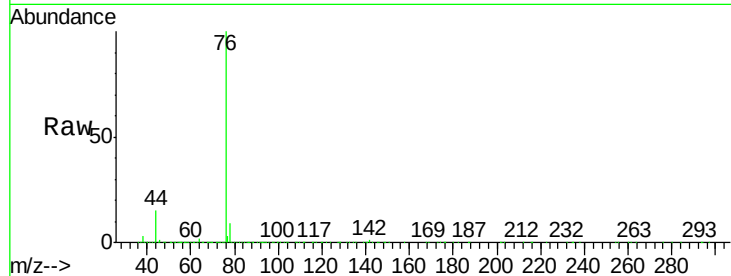
76 100

78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 51.806 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007100.D

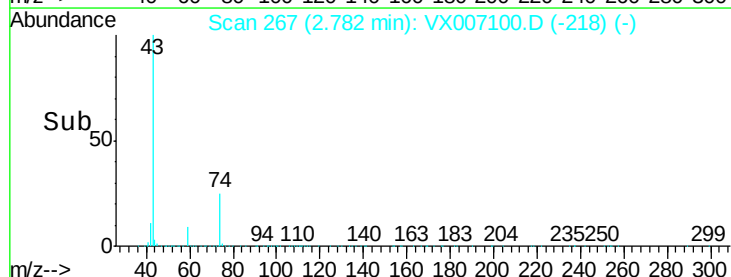
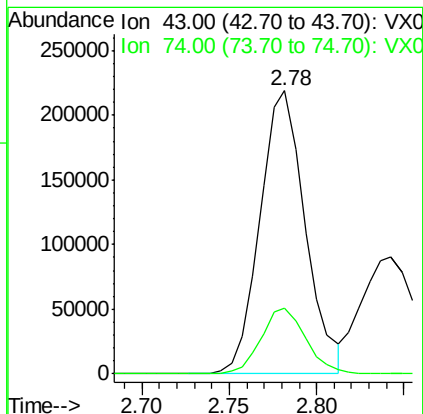
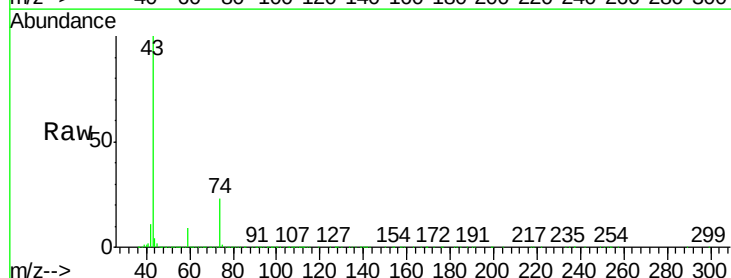
Acq: 17 Jan 2019 20:16

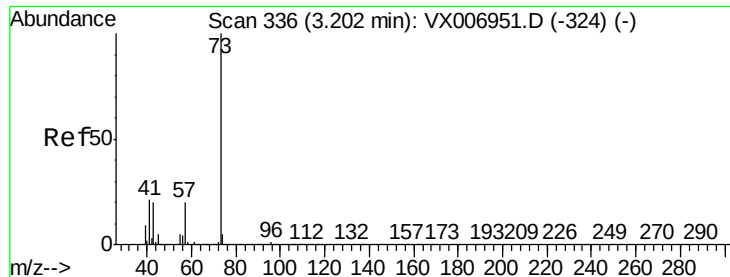
Tgt Ion: 43 Resp: 393105

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0





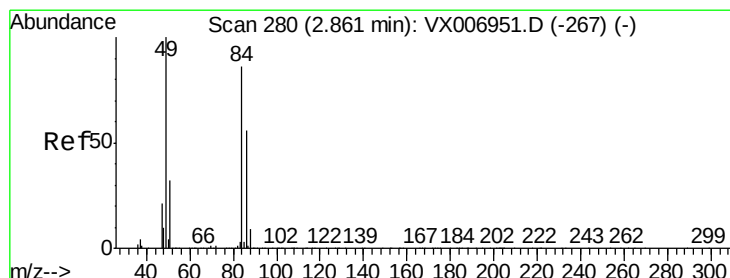
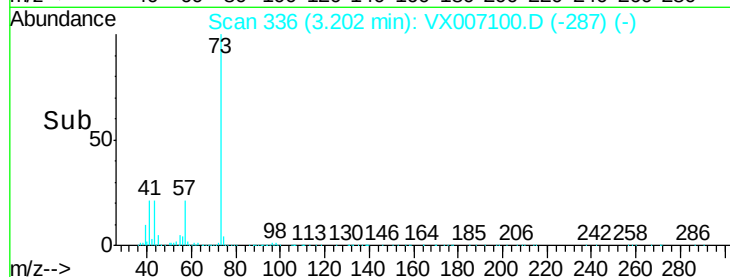
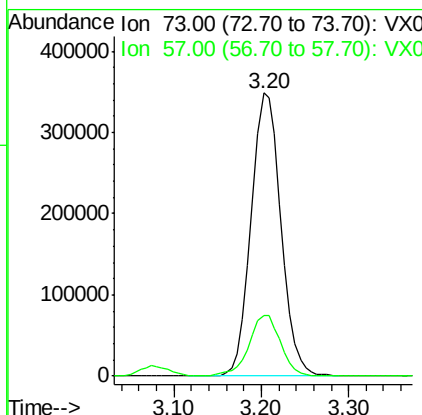
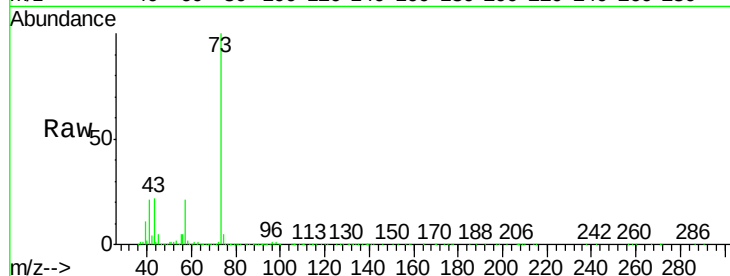
#19
Methyl tert-butyl Ether
Concen: 51.048 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

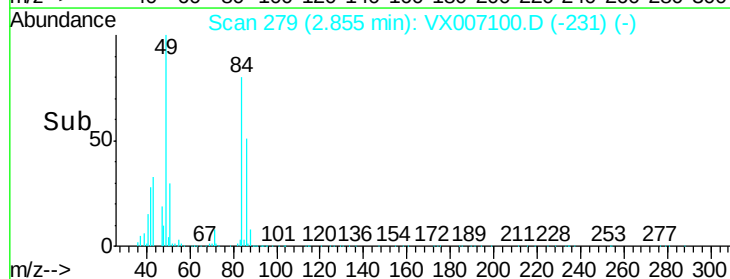
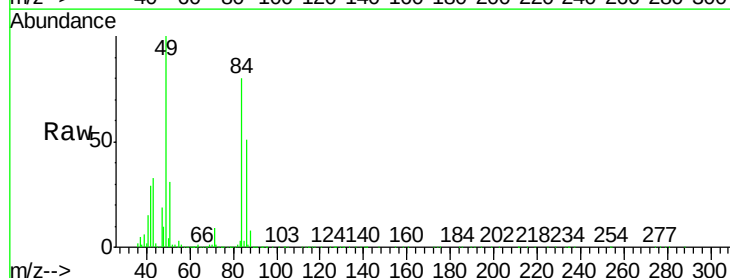
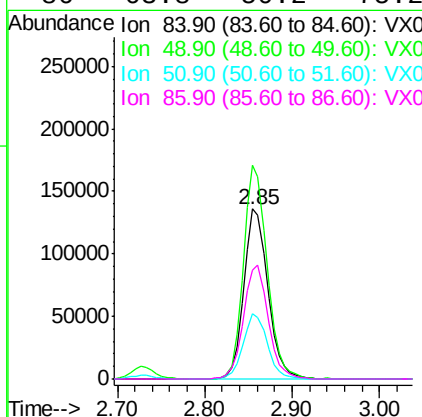
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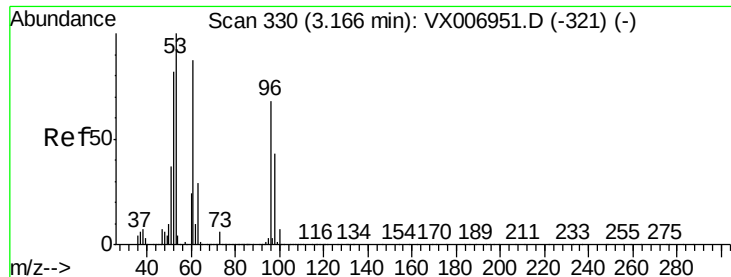
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#20
Methylene Chloride
Concen: 52.107 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	91.8	137.6
51	38.1	28.5	42.7
86	63.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.359 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

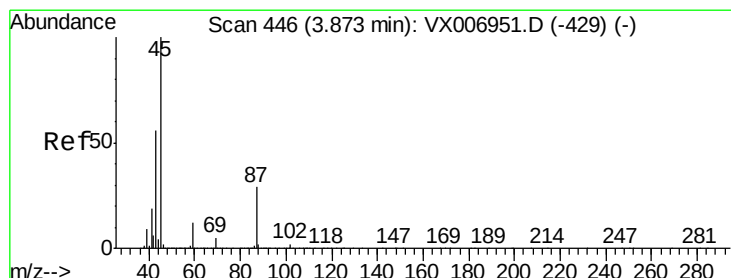
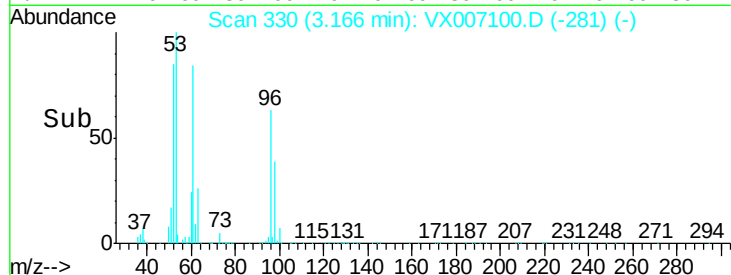
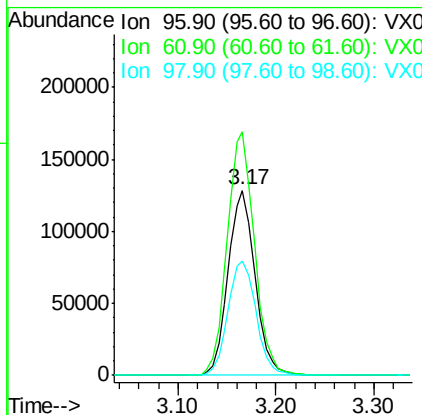
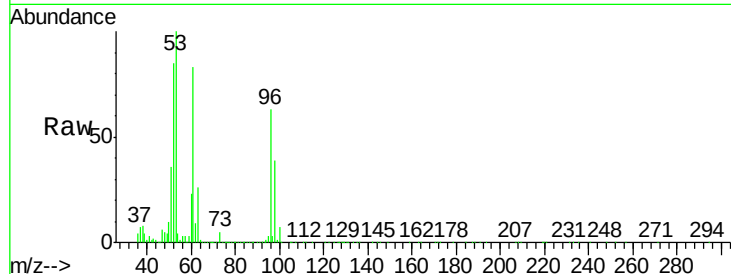
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	96	Resp:	245996
Ion	Ratio	Lower	Upper
96	100		
61	131.6	103.7	155.5
98	61.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.079 ug/l

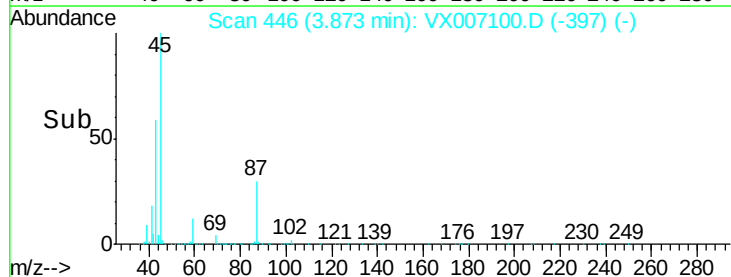
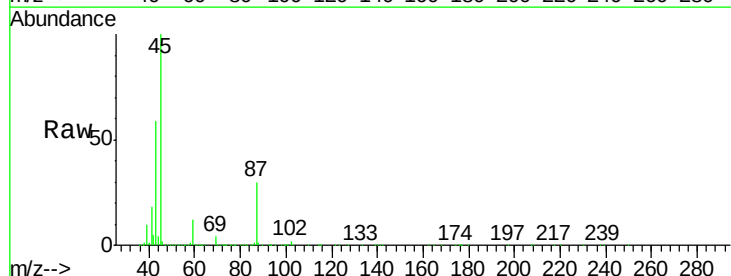
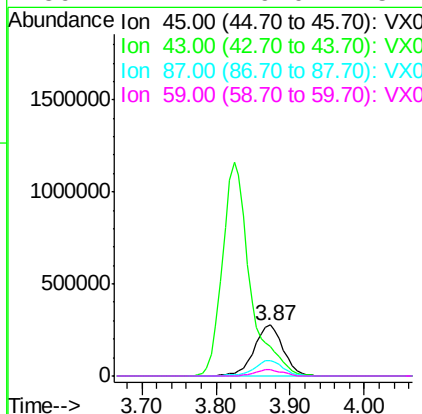
RT: 3.87 min Scan# 446

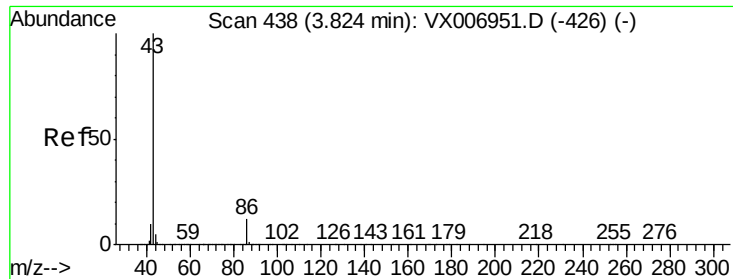
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	45	Resp:	752069
Ion	Ratio	Lower	Upper
45	100		
43	58.5	51.2	76.8
87	30.3	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 237.300 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 43 Resp: 3005352

Ion Ratio Lower Upper

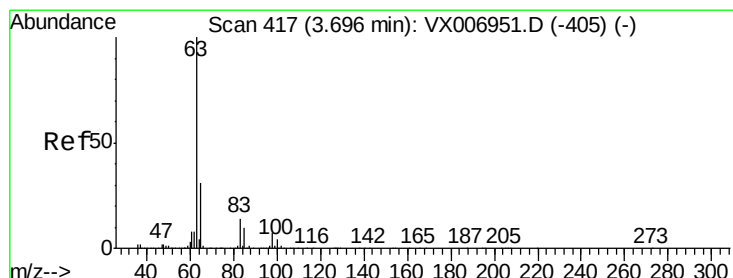
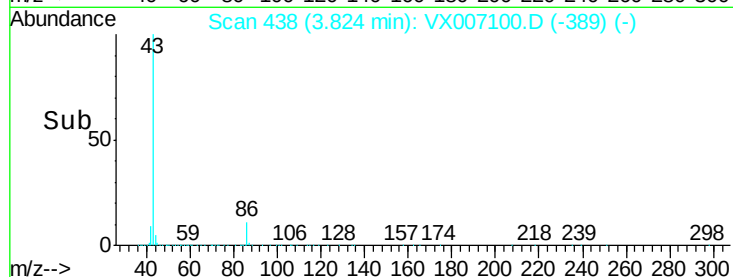
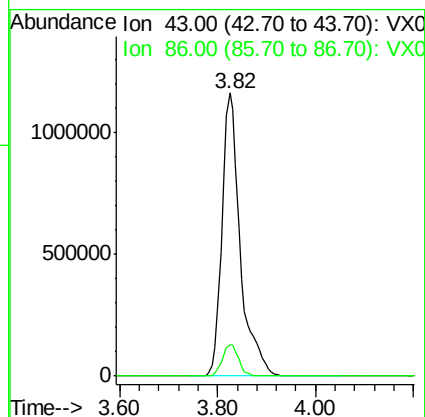
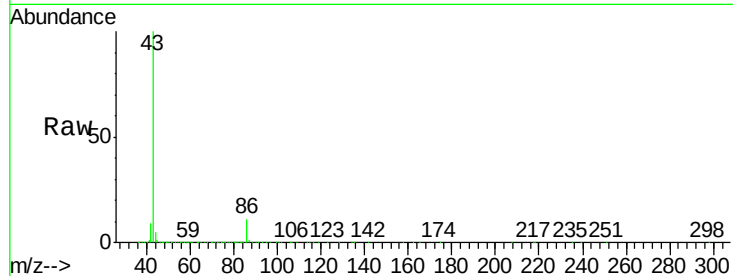
43 100

86 10.8 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 49.533 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

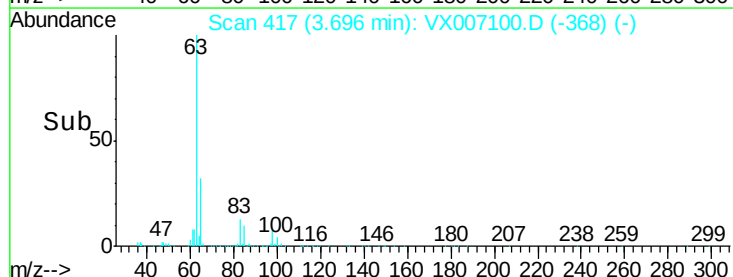
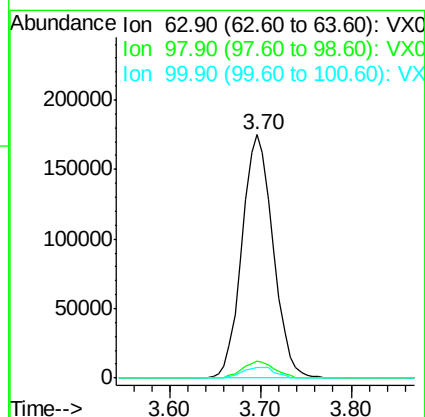
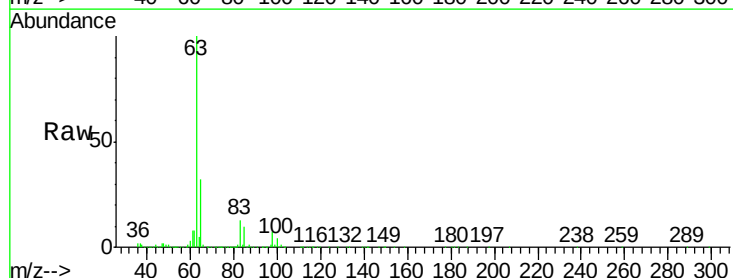
Tgt Ion: 63 Resp: 415949

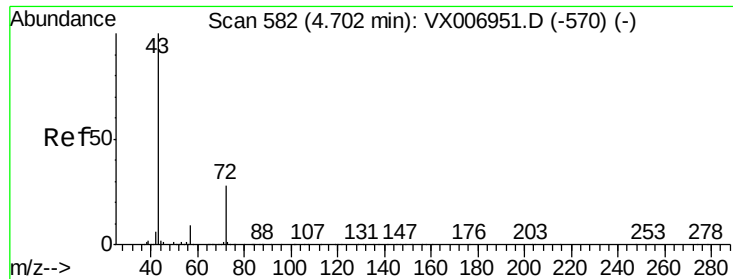
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 246.098 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 43 Resp: 922661

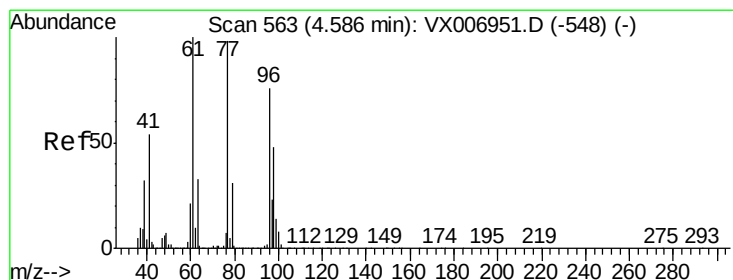
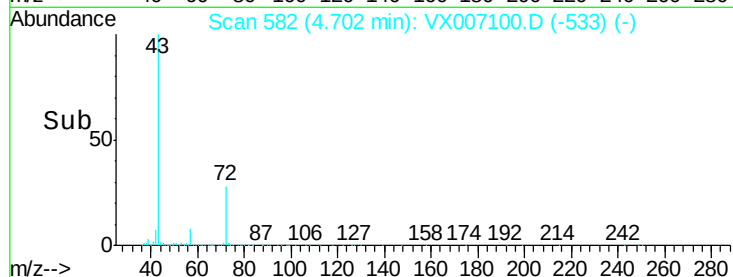
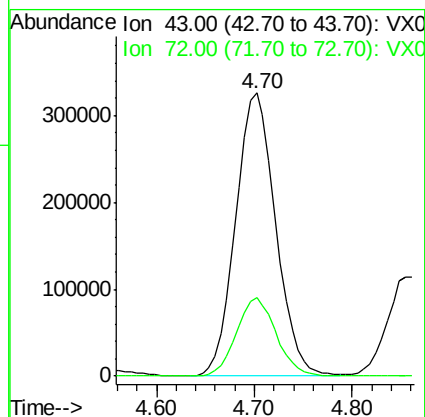
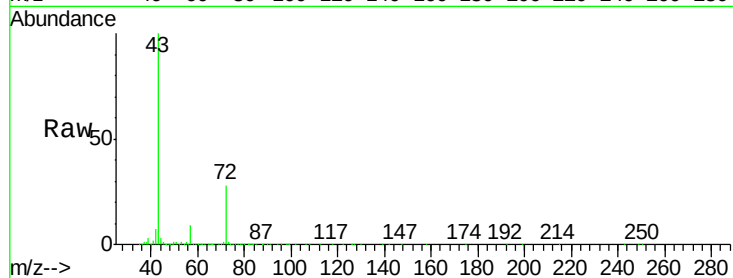
Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 41.018 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007100.D

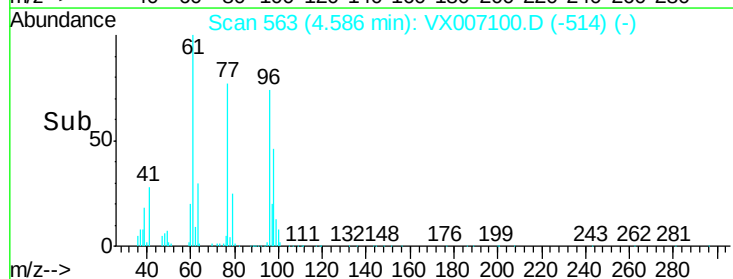
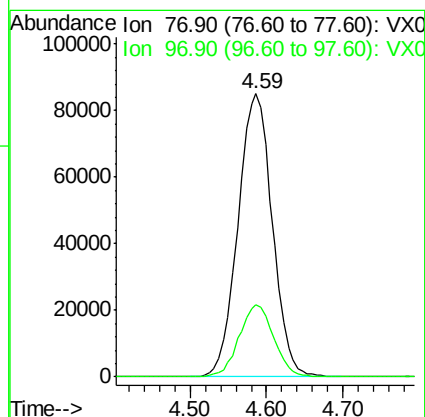
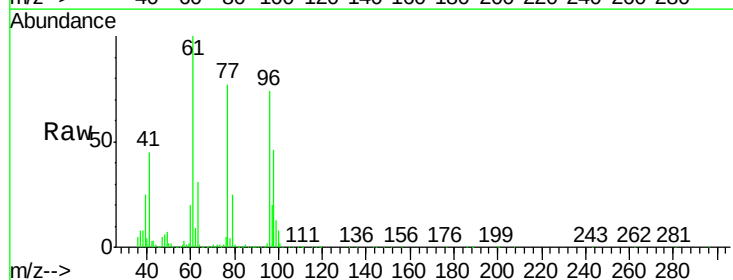
Acq: 17 Jan 2019 20:16

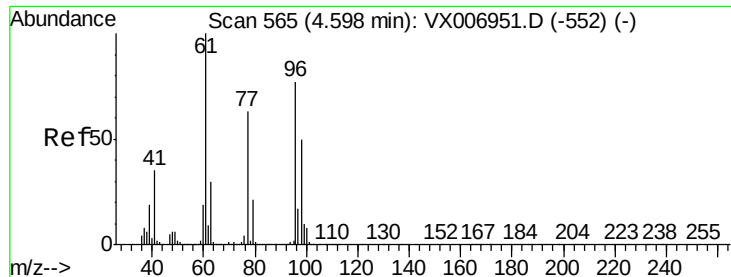
Tgt Ion: 77 Resp: 264865

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.4





#27

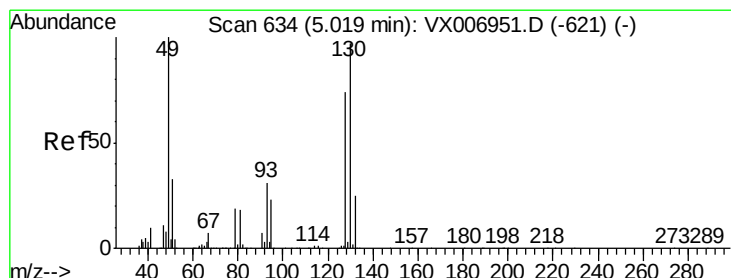
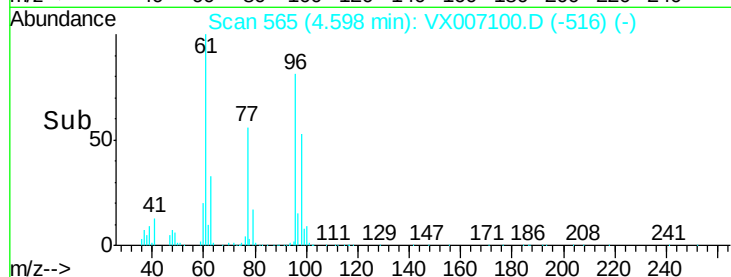
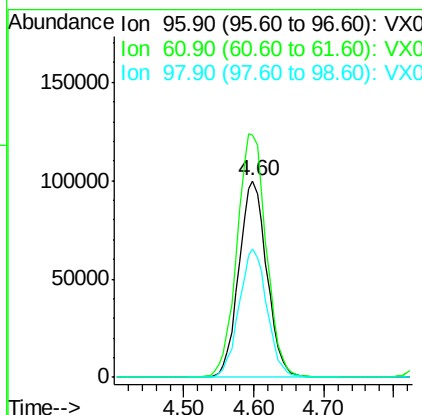
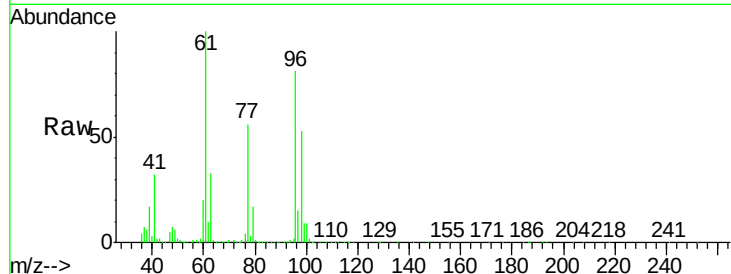
cis-1,2-Dichloroethene
Concen: 48.339 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	276956		
61	130.2	0.0	258.6	
98	65.5	0.0	132.0	

Manual Integrations
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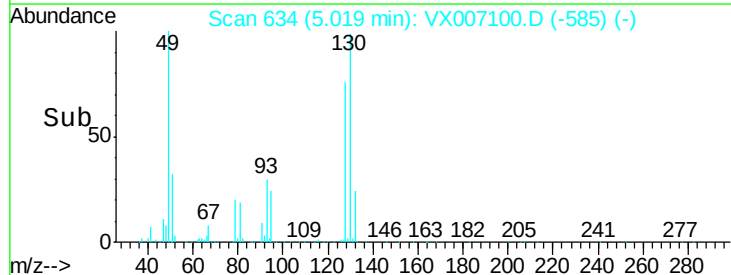
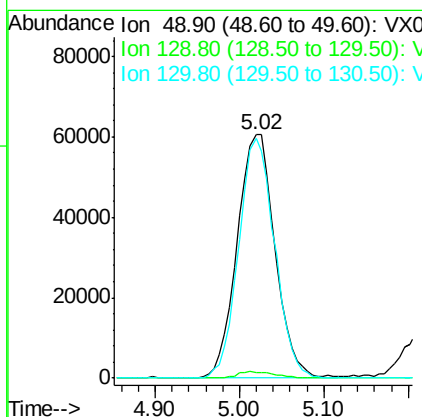
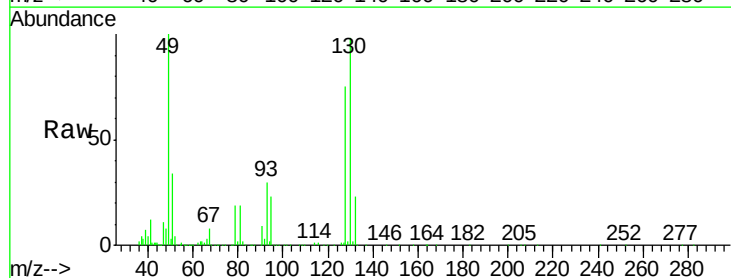
MMDadoda
1/18/2019 10:24:30 AM

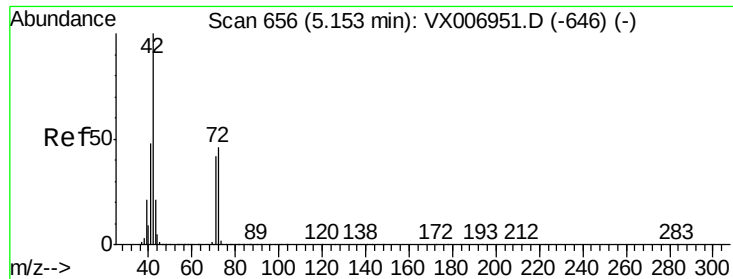


#28

Bromochloromethane
Concen: 49.784 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	183163		
129	2.7	0.0	5.4	
130	94.2	77.7	116.5	





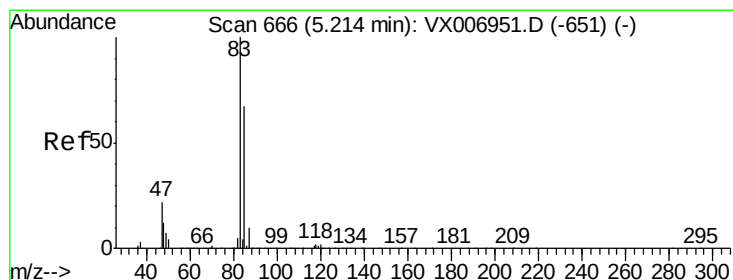
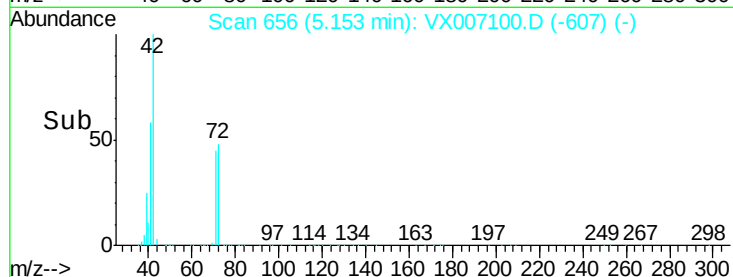
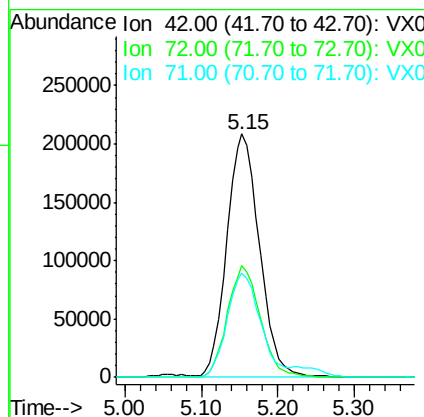
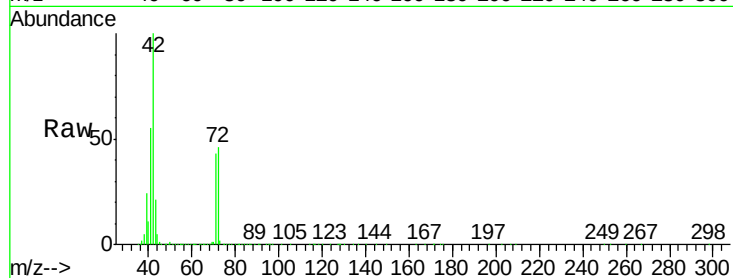
#29
Tetrahydrofuran
Concen: 252.062 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	38.9	58.3
71	43.7	36.2	54.4

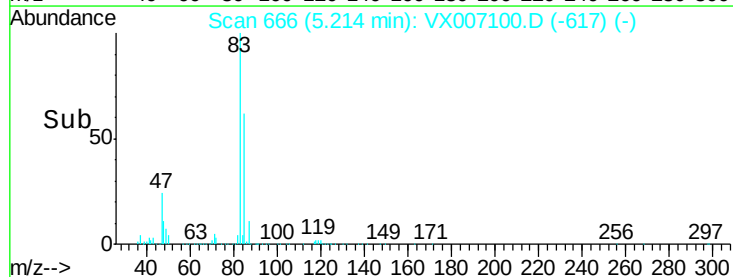
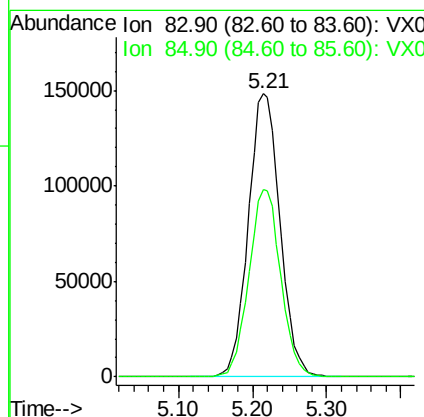
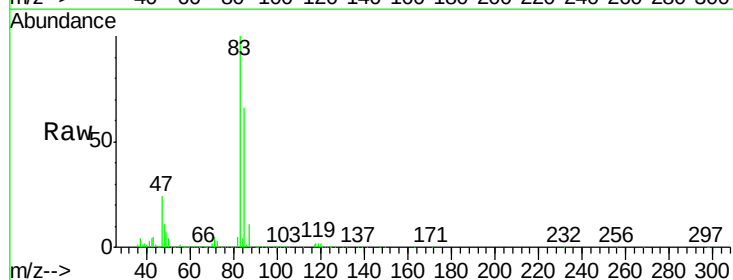
Manual Integrations
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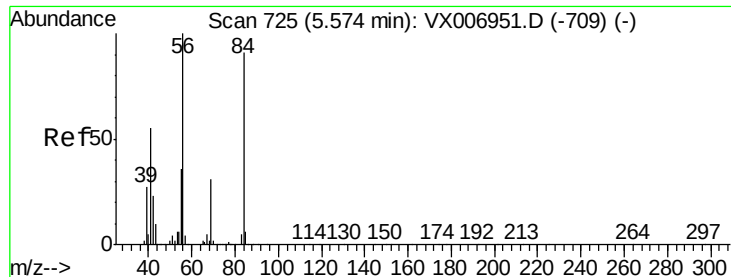
MMDadoda
1/18/2019 10:24:30 AM



#30
Chloroform
Concen: 50.346 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.2	76.8





#31

Cyclohexane

Concen: 48.332 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

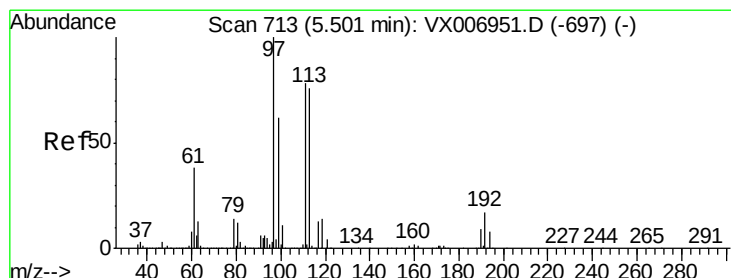
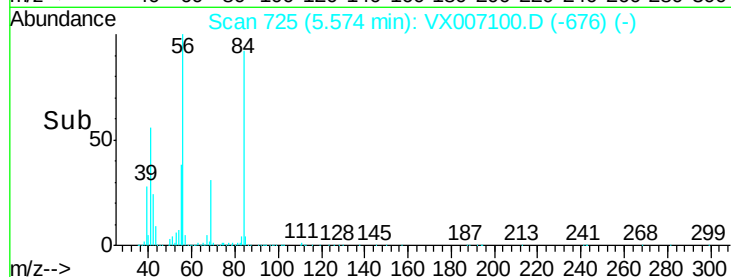
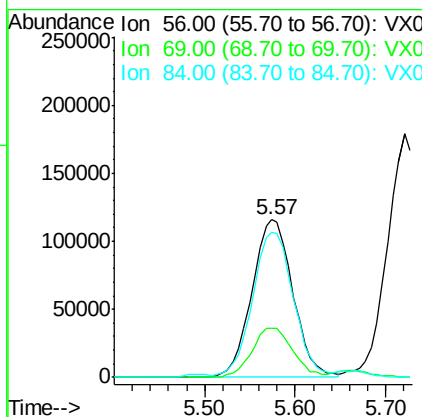
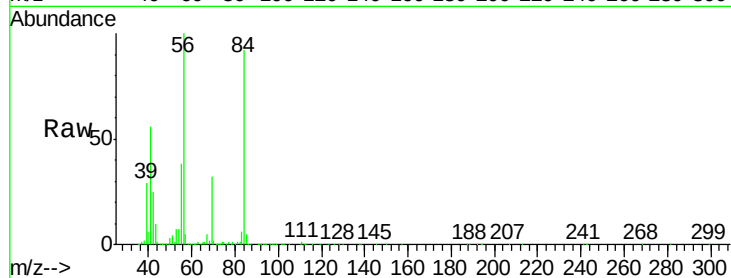
ClientSampleId :

SS038RW150-190115MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
69	31.5	24.4	36.6		
84	91.0	70.0	105.0		

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#32

1,1,1-Trichloroethane

Concen: 49.915 ug/l

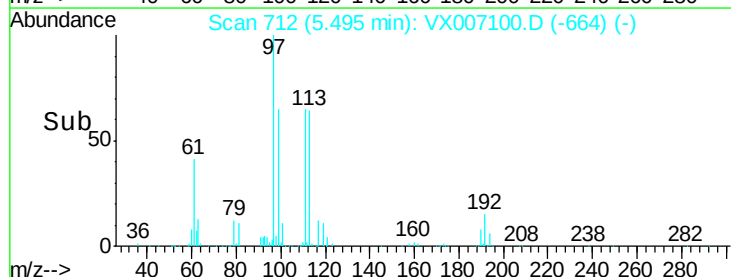
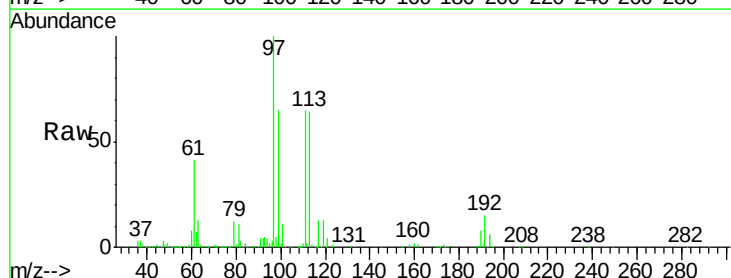
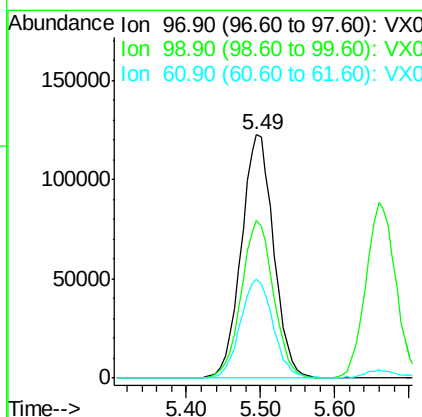
RT: 5.49 min Scan# 712

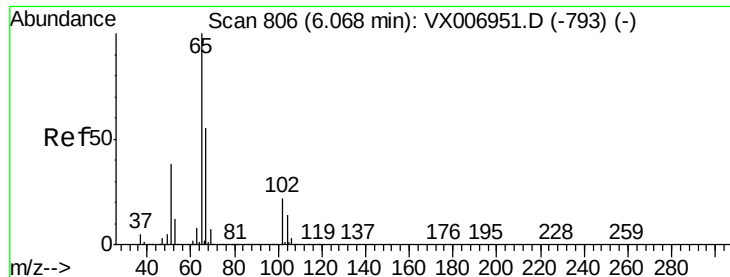
Delta R.T. -0.01 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	64.7	51.7	77.5		
61	41.4	31.3	46.9		





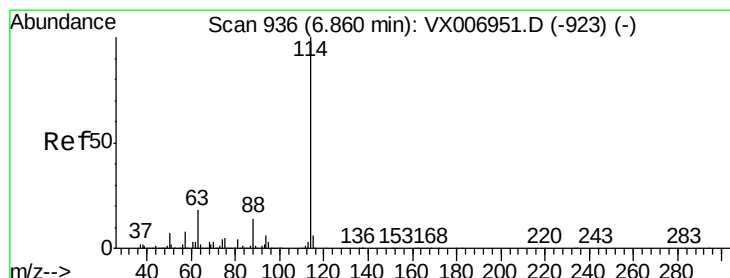
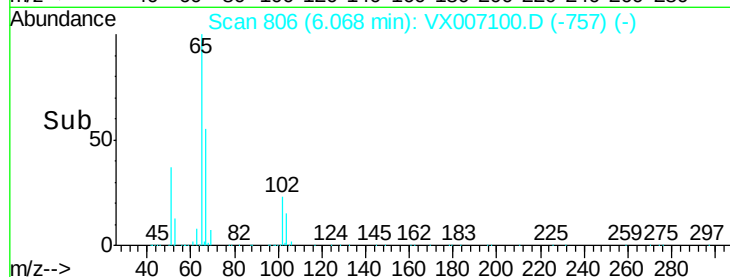
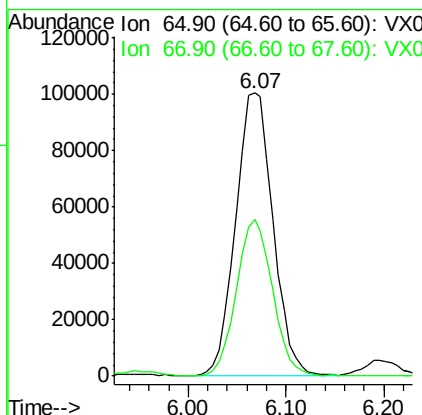
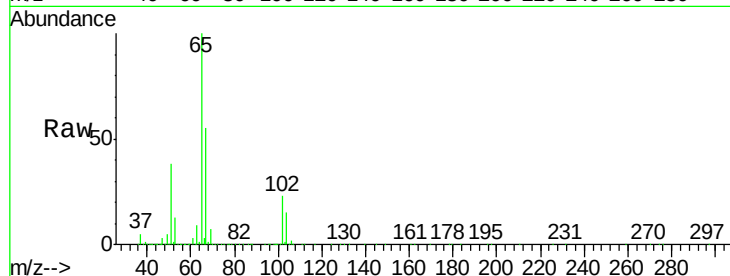
#33
 1,2-Dichloroethane-d4
 Concen: 50.283 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	266506		
67	53.3	0.0	105.0	

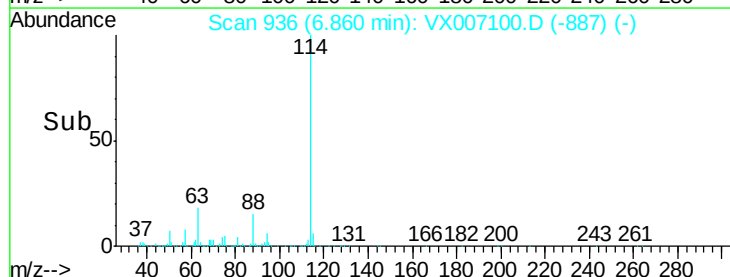
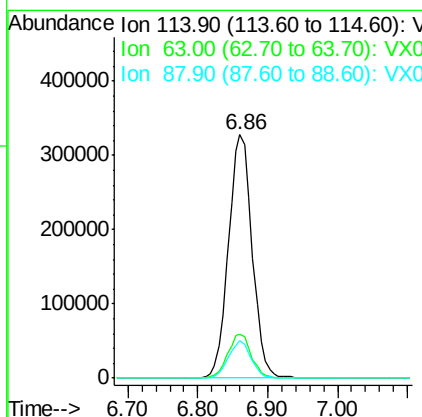
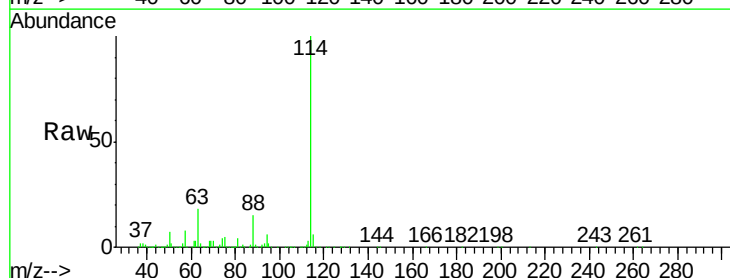
Manual Integrations
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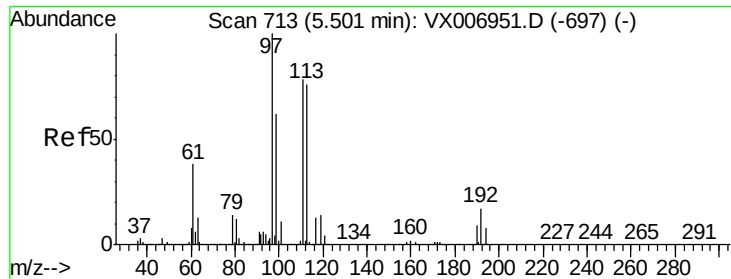
MMDadoda
 1/18/2019 10:24:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	768360		
63	18.2	0.0	34.8	
88	15.4	0.0	28.8	





#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

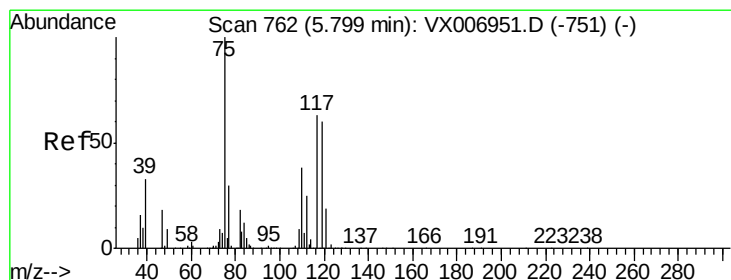
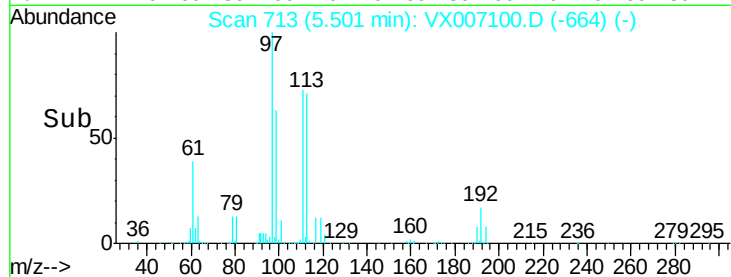
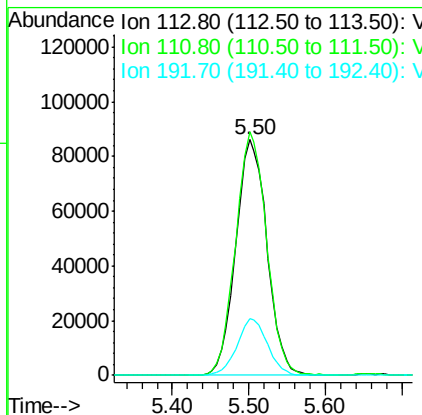
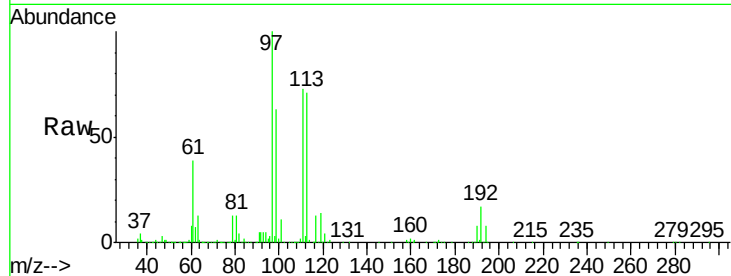
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	113	Resp:	243327
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.6	122.4
192	23.4	16.7	25.1

Manual Integrations
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1/18/2019 10:24:30 AM



#36

1,1-Dichloropropene

Concen: 46.724 ug/l

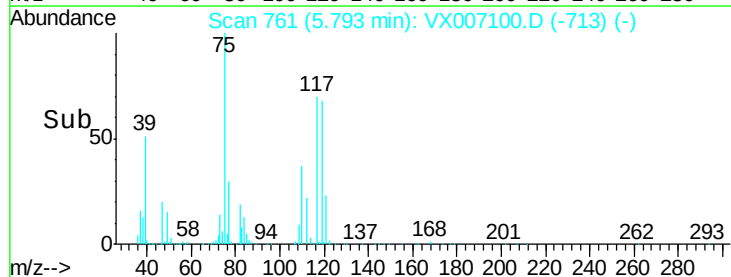
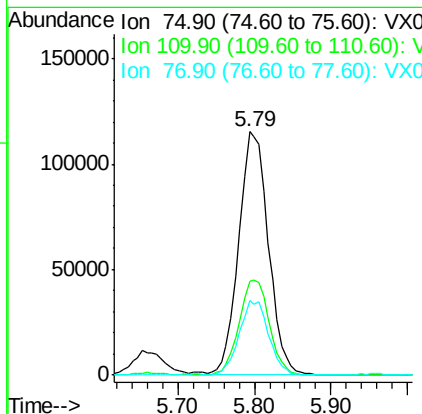
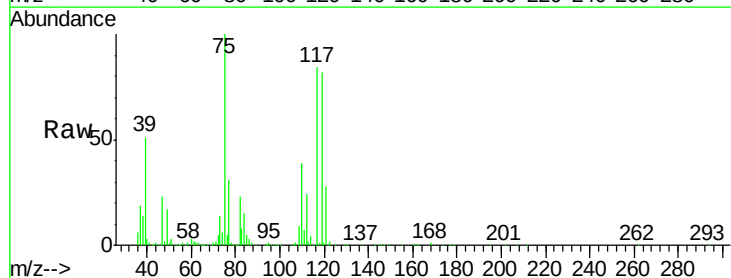
RT: 5.79 min Scan# 761

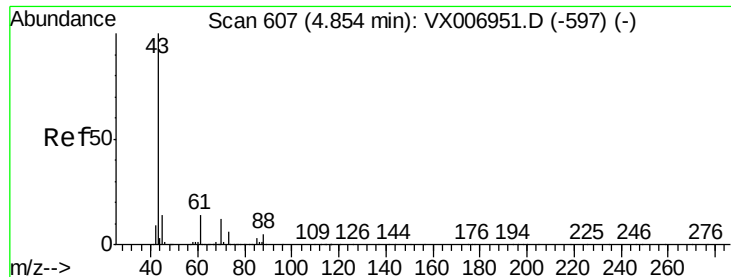
Delta R.T. -0.01 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	75	Resp:	312131
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.2	60.5
77	30.3	24.8	37.2





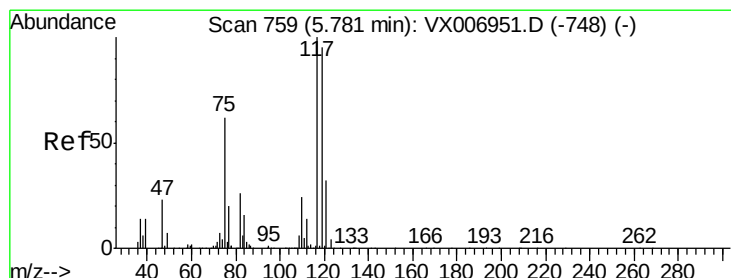
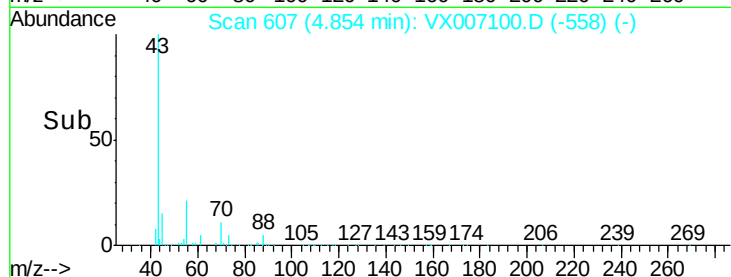
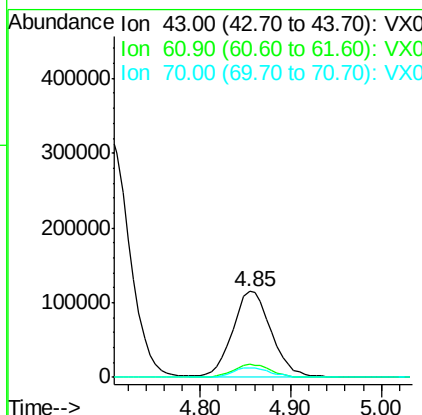
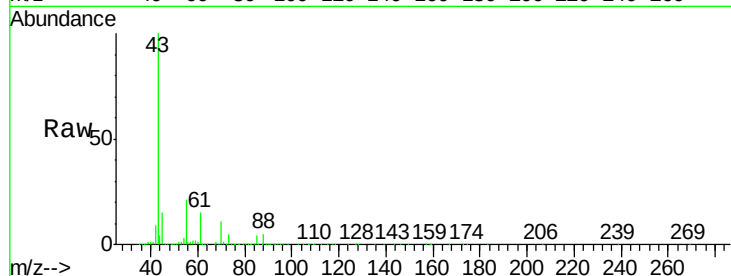
#37
Ethyl Acetate
Concen: 47.115 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.0	9.7	14.5

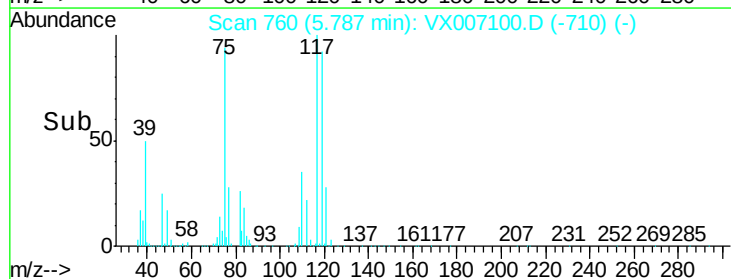
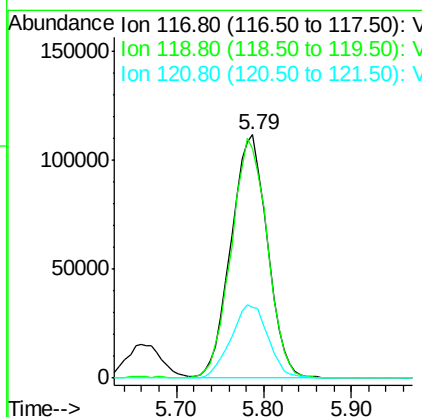
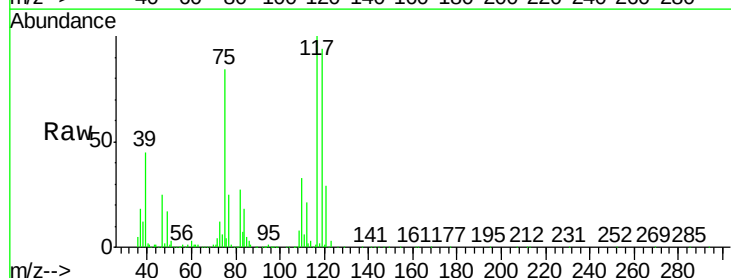
Manual Integrations
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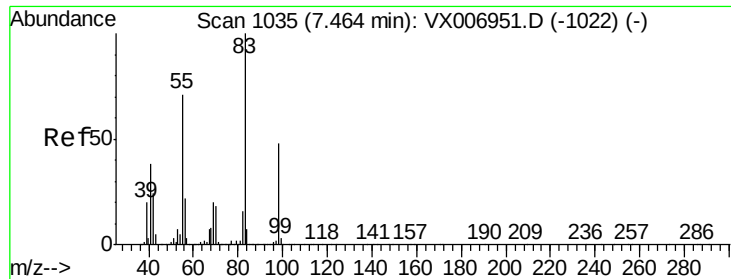
MMDadoda
1/18/2019 10:24:30 AM



#38
Carbon Tetrachloride
Concen: 48.051 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	79.4	119.2
121	29.2	24.0	36.0





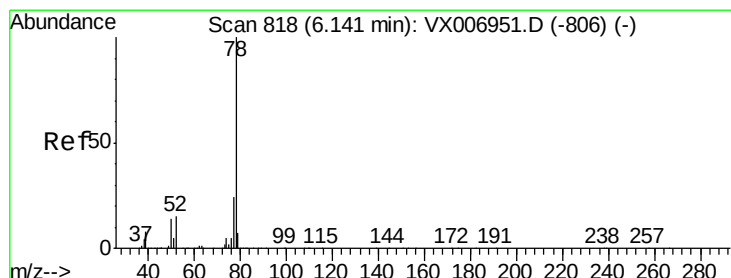
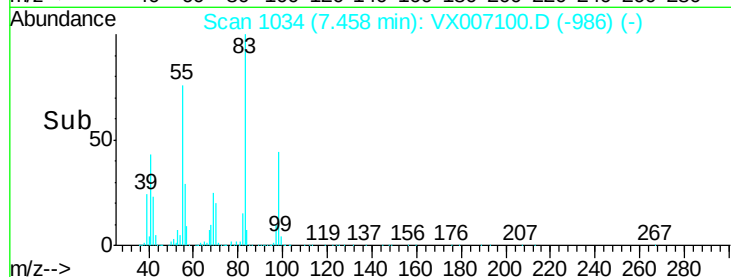
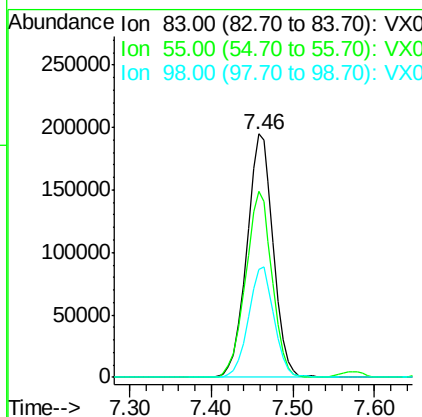
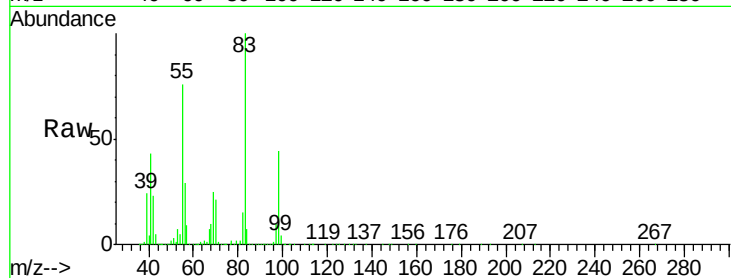
#39
Methylvlcyclohexane
Concen: 51.474 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	438366		
55	76.4		54.9	82.3
98	44.4		37.9	56.9

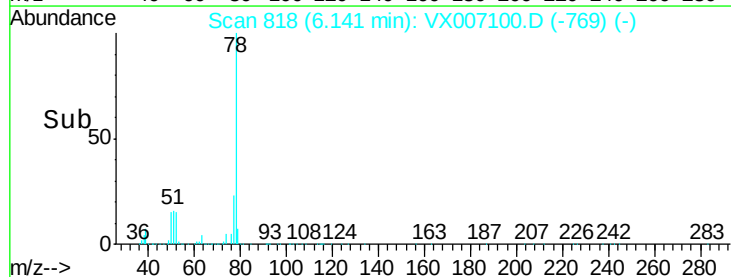
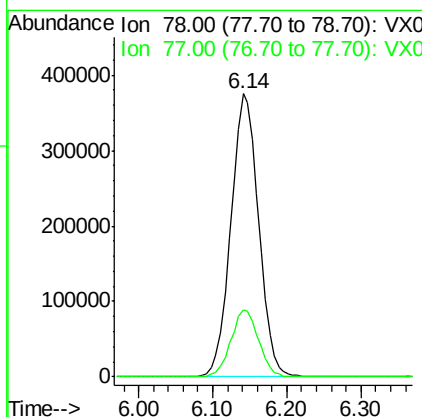
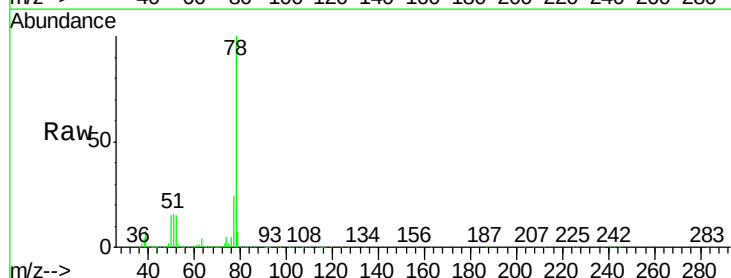
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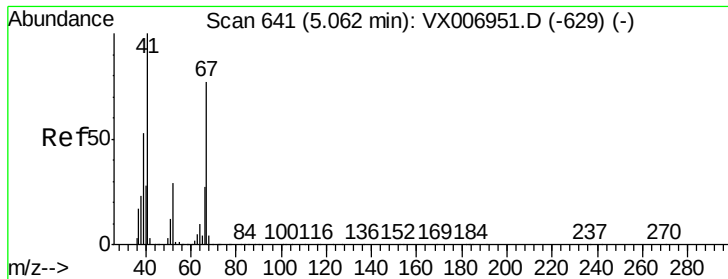
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#40
Benzene
Concen: 48.032 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	979062		
77	23.7		19.2	28.8





#41

Methacrylonitrile

Concen: 47.236 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

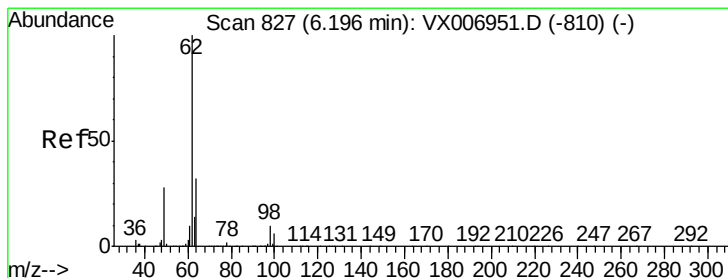
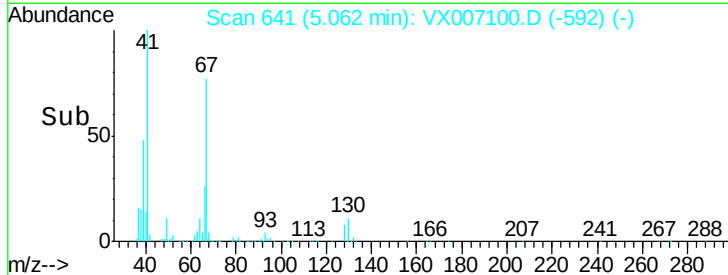
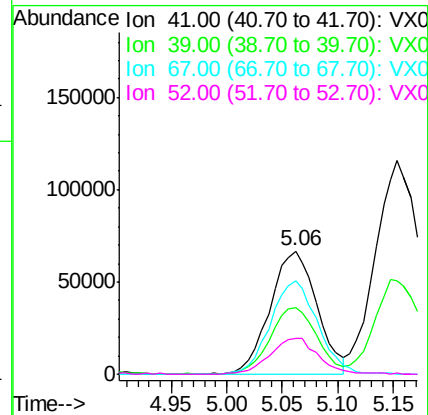
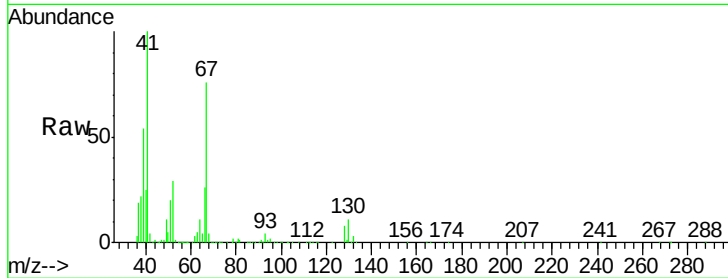
ClientSampleId :

SS038RW150-190115MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		194884		
39	53.8	42.8	64.2		
67	76.8	62.1	93.1		
52	29.6	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.590 ug/l

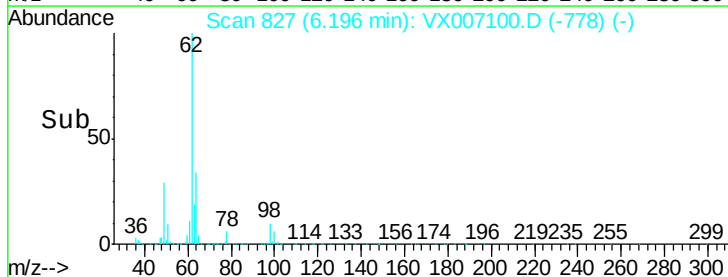
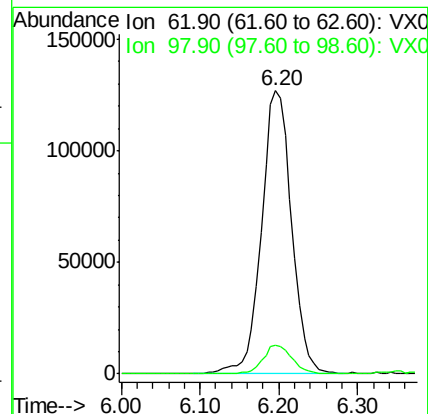
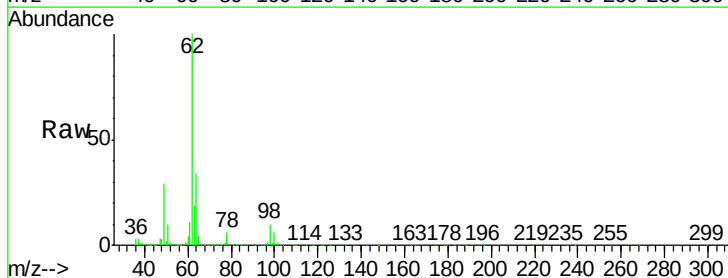
RT: 6.20 min Scan# 827

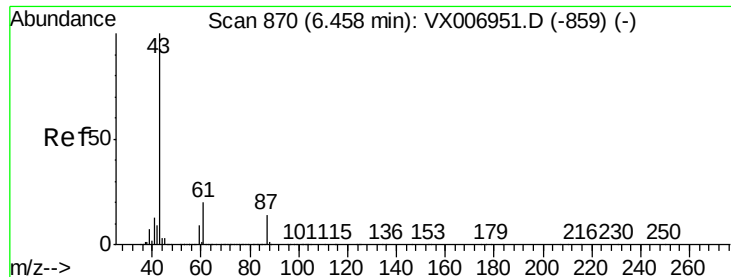
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		335212		
98	9.9	0.0	20.2		





#43

Isopropyl Acetate

Concen: 49.817 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

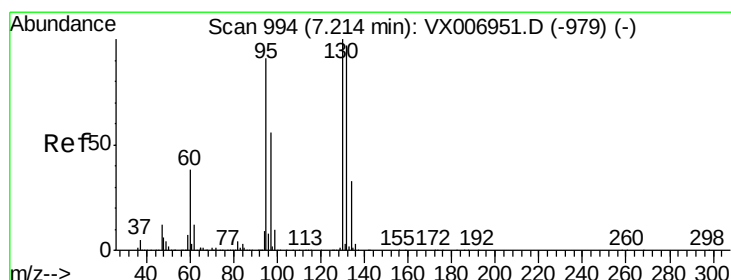
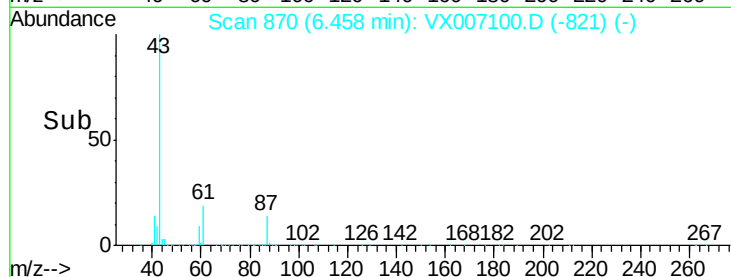
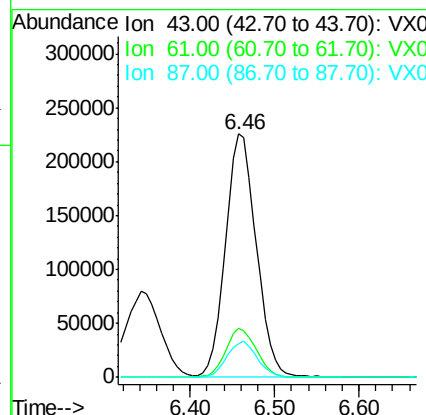
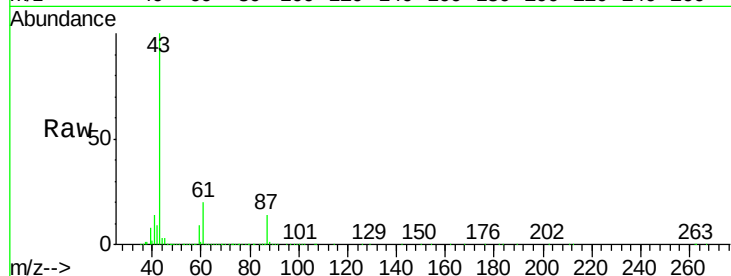
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	43	Resp:	562778
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.8	25.2
87	14.5	12.4	18.6

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#44

Trichloroethene

Concen: 45.495 ug/l

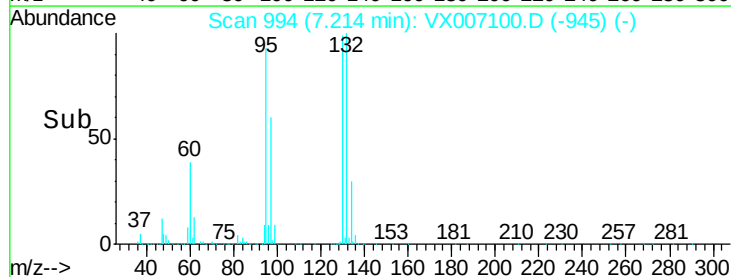
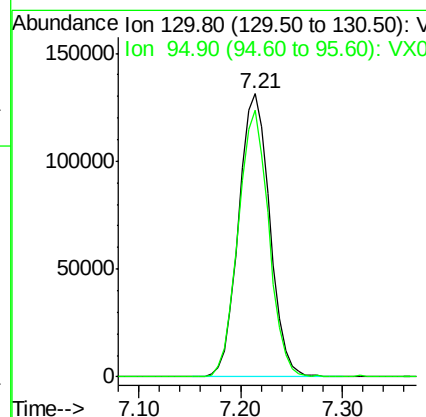
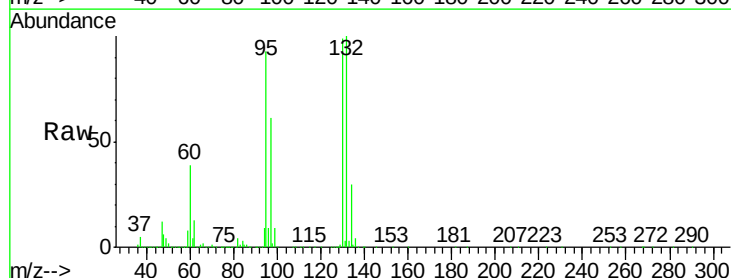
RT: 7.21 min Scan# 994

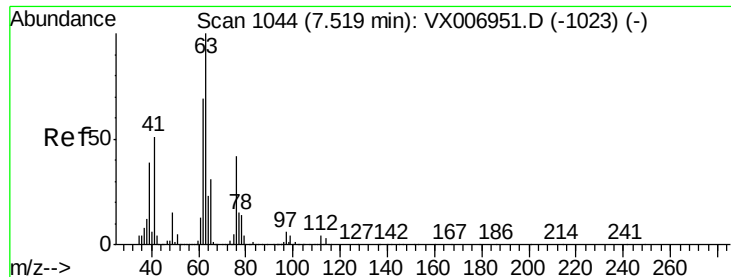
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	130	Resp:	277891
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 47.883 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 63 Resp: 245378

Ion Ratio Lower Upper

63 100

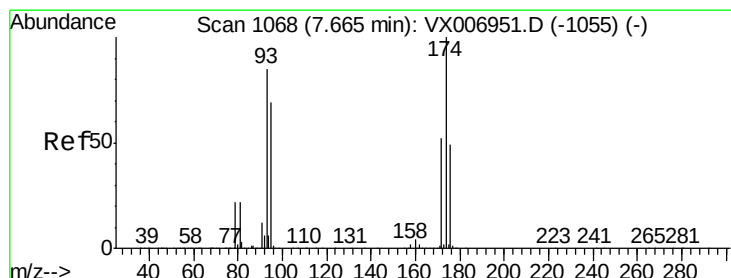
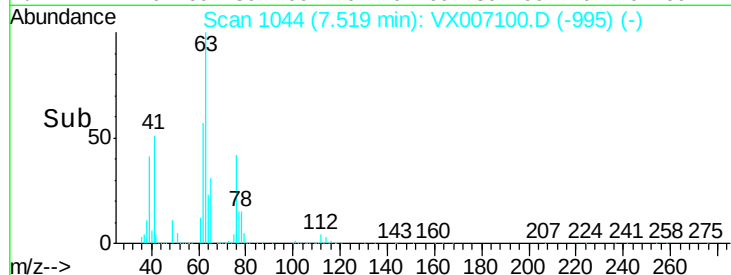
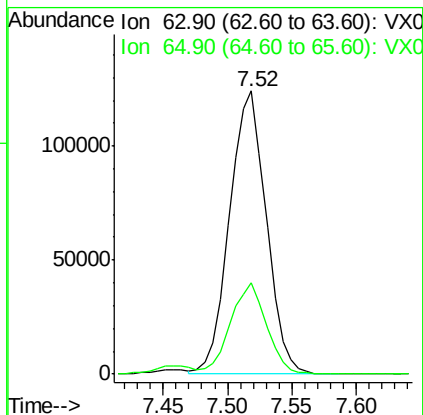
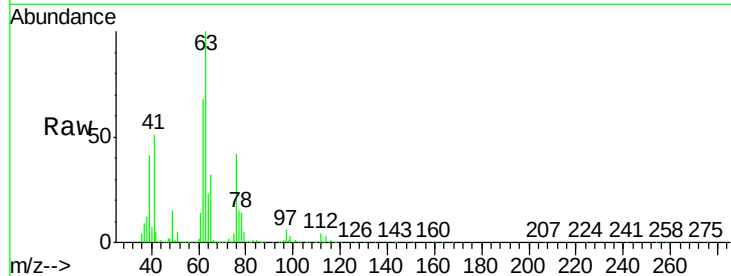
65 32.2 25.4 38.0

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#46

Dibromomethane

Concen: 49.111 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

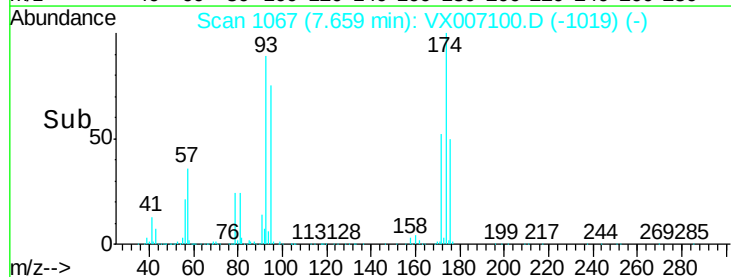
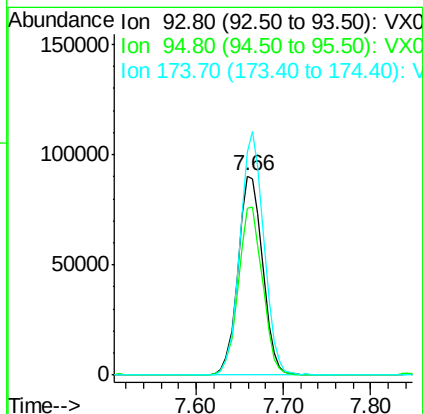
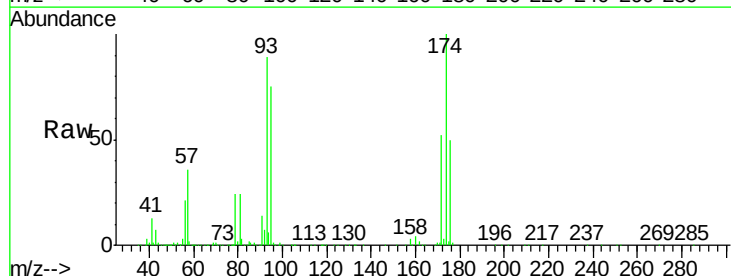
Tgt Ion: 93 Resp: 176873

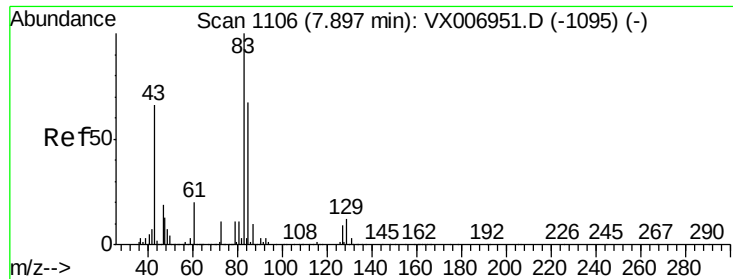
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 118.6 91.0 136.4





#47

Bromodichloromethane

Concen: 51.703 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

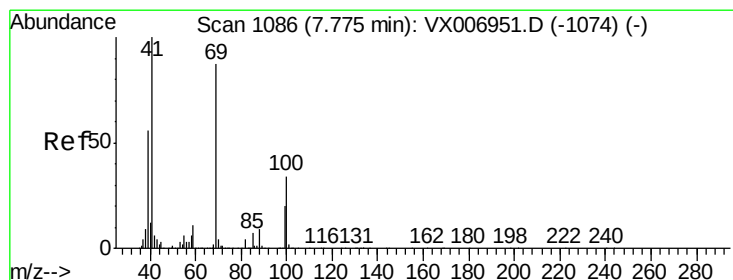
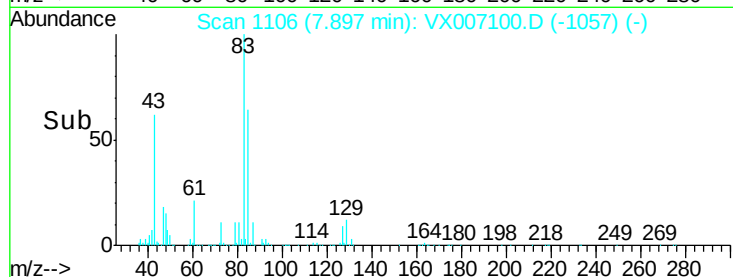
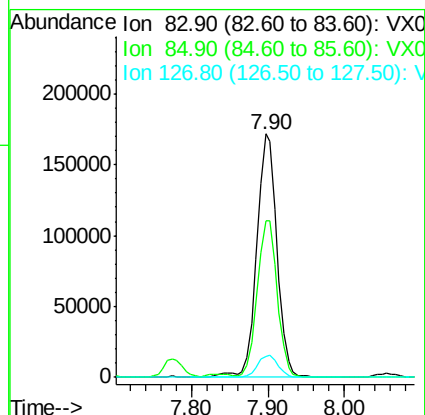
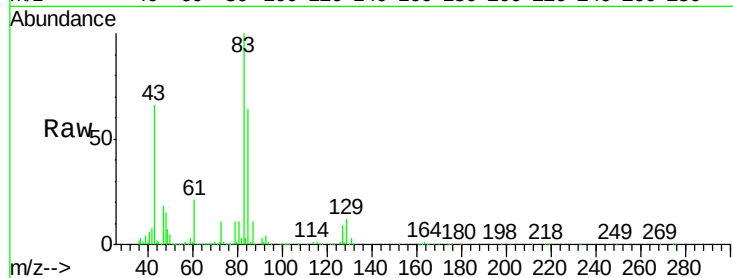
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	83	Resp:	316953
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.2	79.8
127	8.7	7.8	11.6

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#48

Methyl methacrylate

Concen: 50.056 ug/l

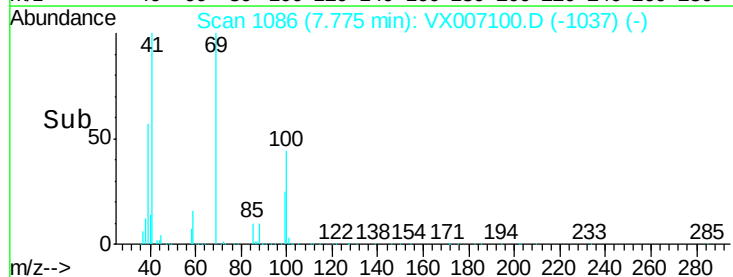
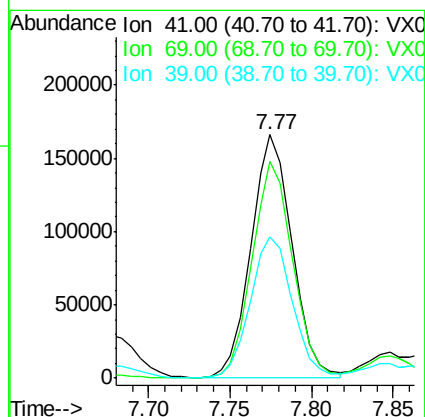
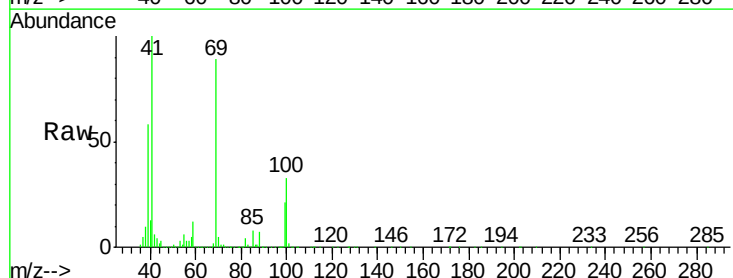
RT: 7.77 min Scan# 1086

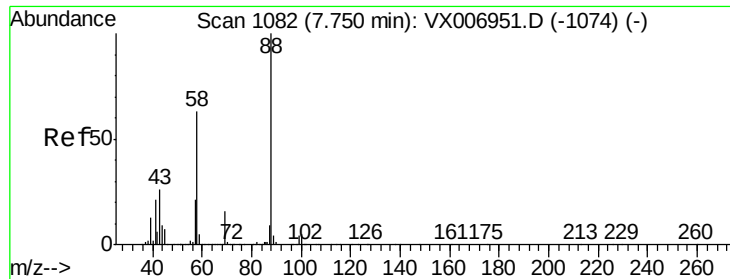
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	41	Resp:	290393
Ion	Ratio	Lower	Upper
41	100		
69	87.8	72.4	108.6
39	59.4	45.8	68.8





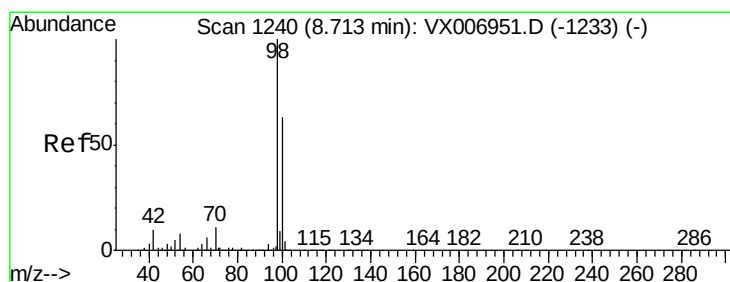
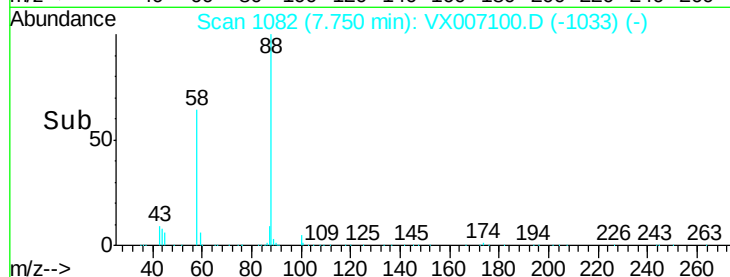
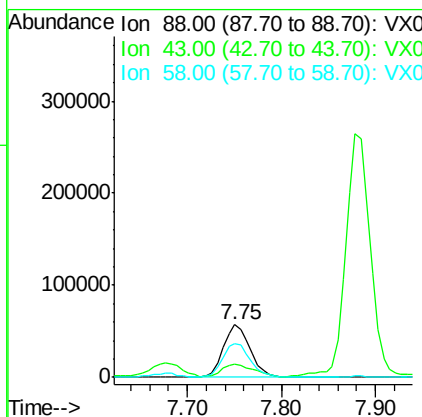
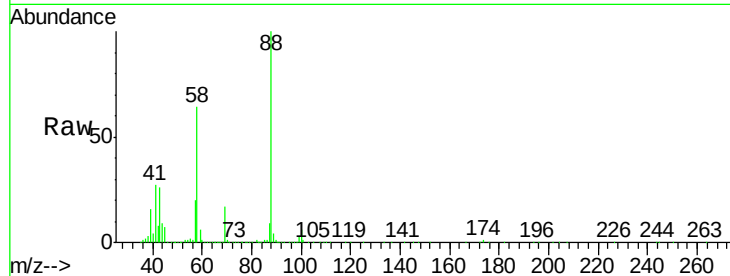
#49
1,4-Dioxane
Concen: 847.138 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.2	33.4
58	65.1	51.0	76.4

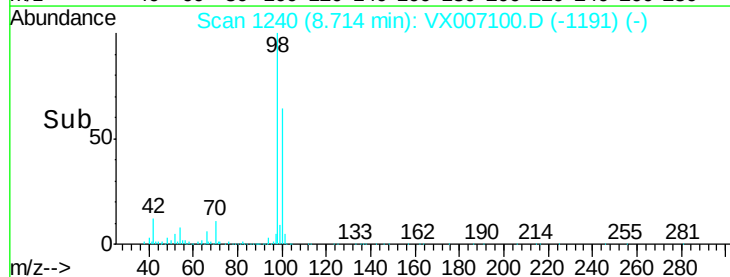
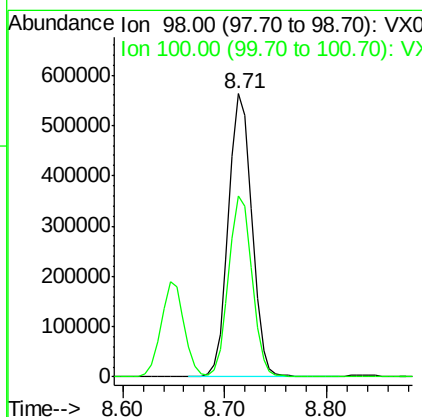
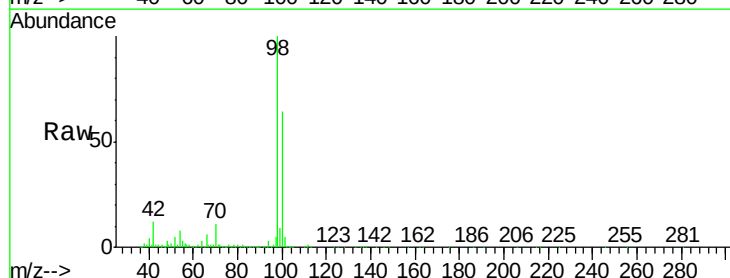
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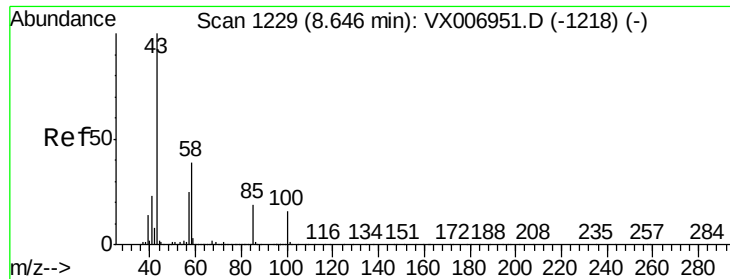
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#50
Toluene-d8
Concen: 49.622 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





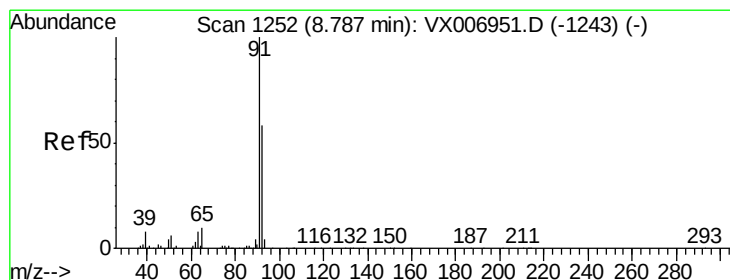
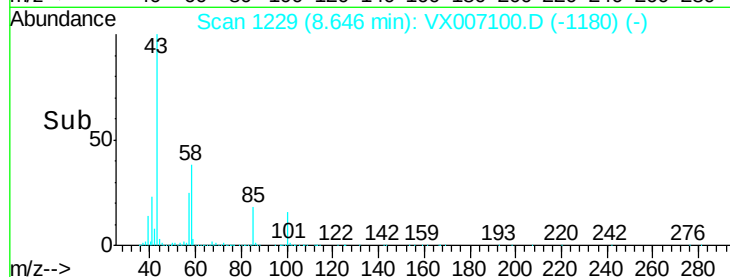
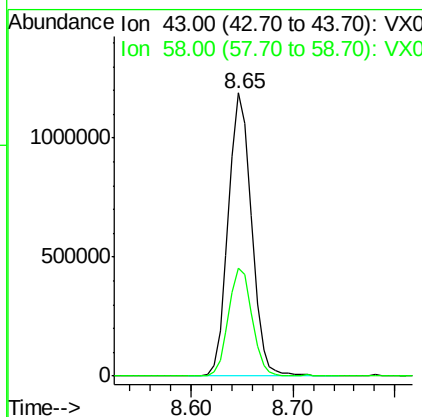
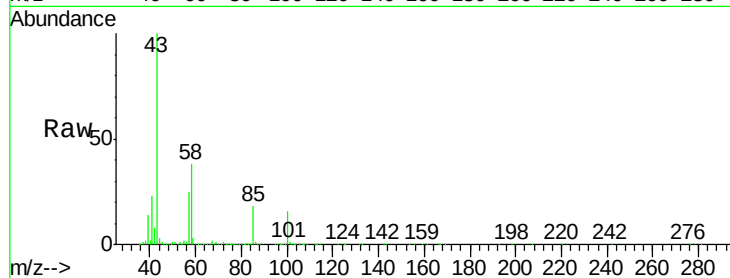
#51
4-Methyl-2-Pentanone
Concen: 258.137 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion: 43 Resp: 1874084
Ion Ratio Lower Upper
43 100
58 38.6 31.8 47.6

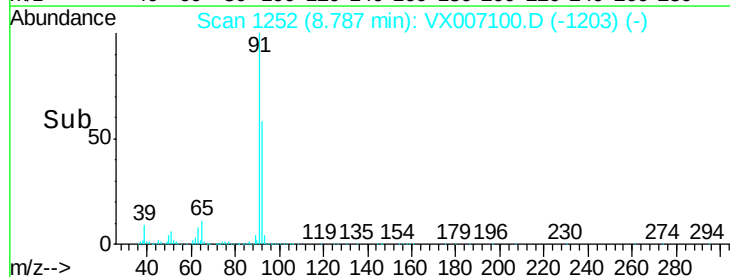
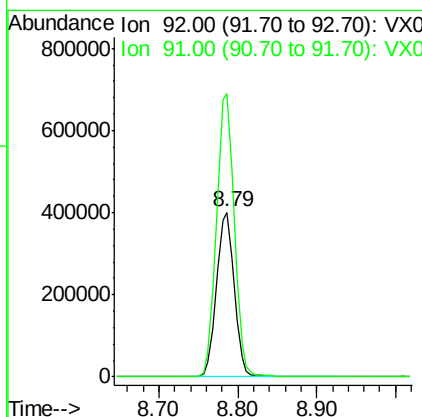
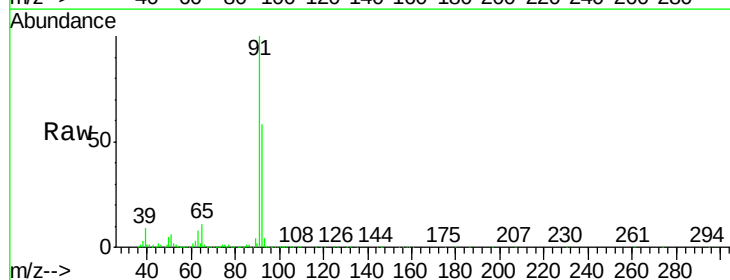
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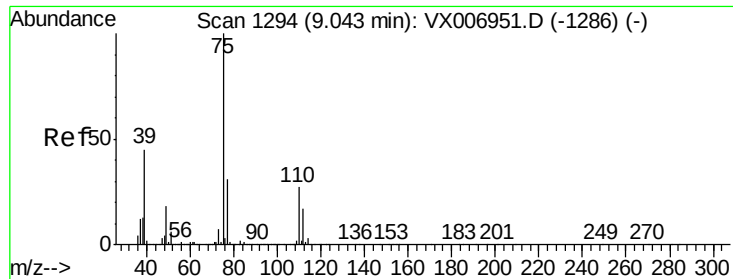
MMDadoda
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#52
Toluene
Concen: 48.026 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion: 92 Resp: 629197
Ion Ratio Lower Upper
92 100
91 173.6 137.6 206.4





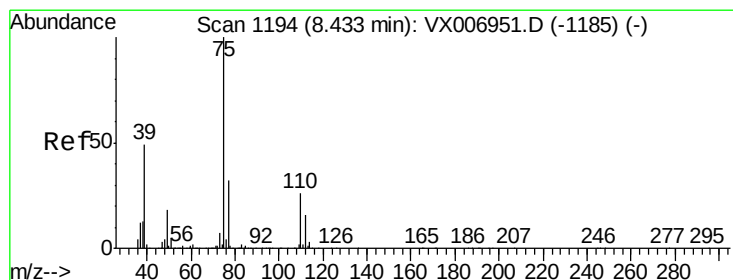
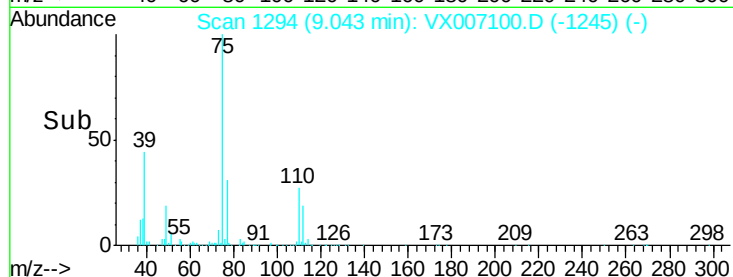
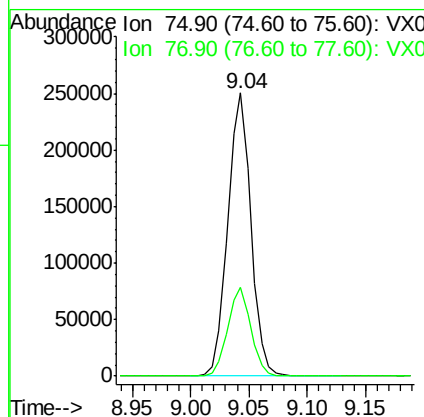
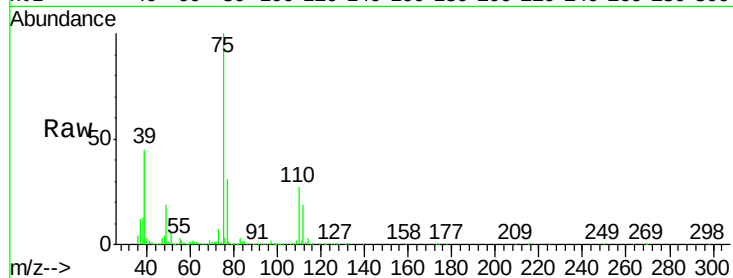
#53
t-1,3-Dichloropropene
Concen: 50.700 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0

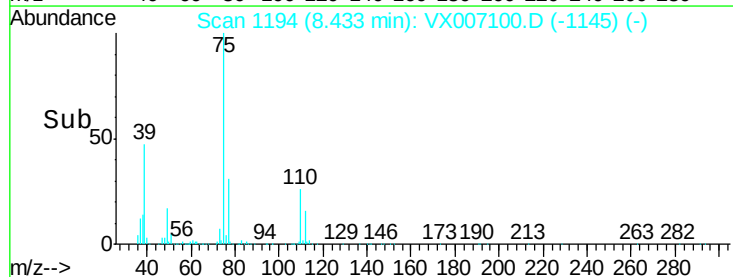
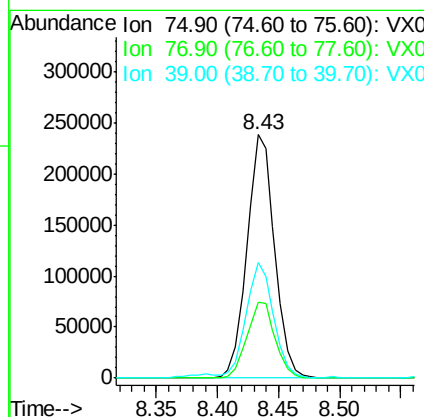
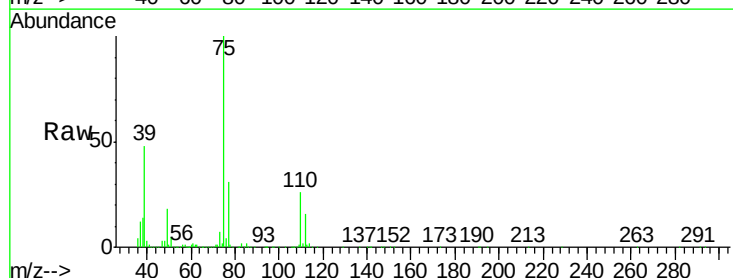
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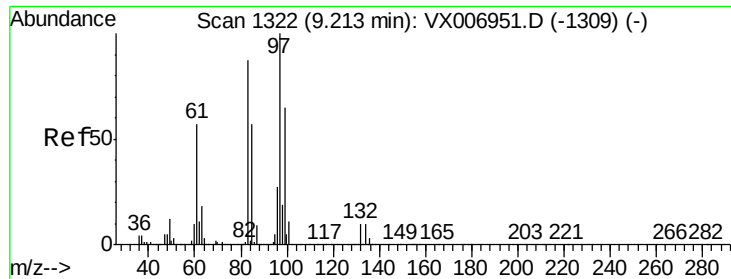
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#54
cis-1,3-Dichloropropene
Concen: 49.571 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.2	39.2
39	47.2	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 50.780 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

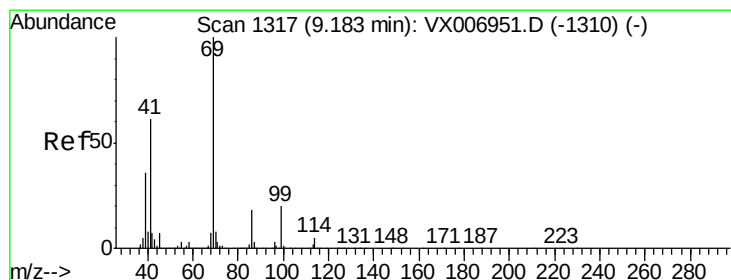
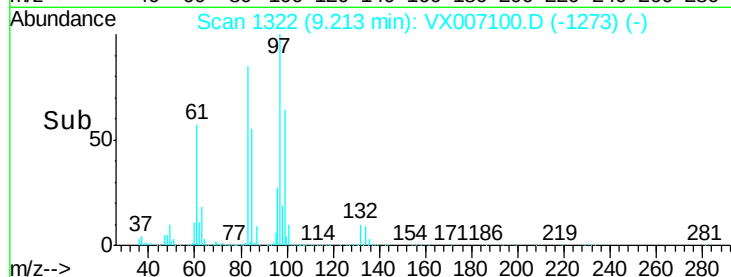
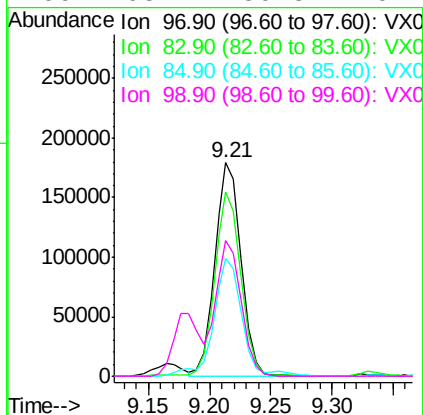
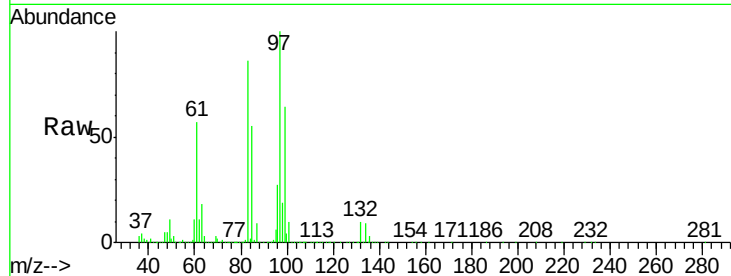
ClientSampleId :

SS038RW150-190115MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		266286		
83	86.2	66.6	99.8		
85	54.9	42.7	64.1		
99	63.4	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 52.167 ug/l

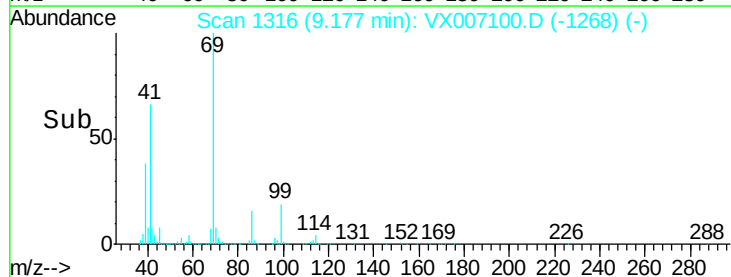
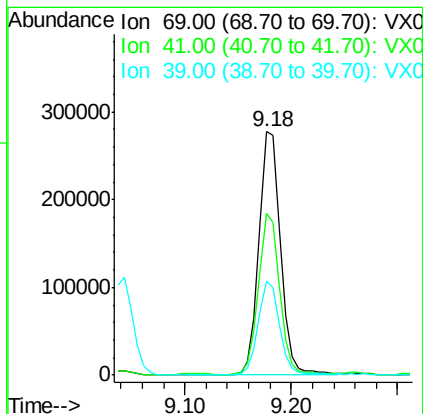
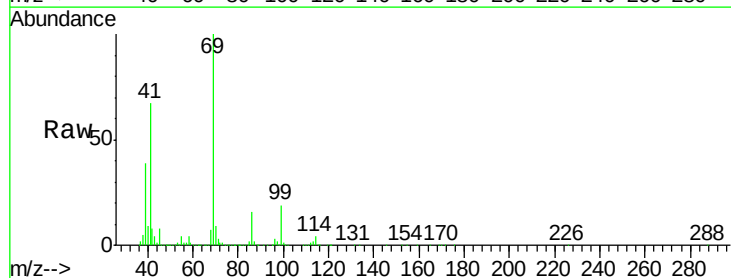
RT: 9.18 min Scan# 1316

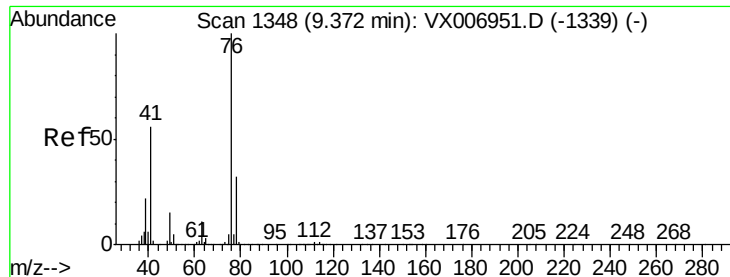
Delta R.T. -0.01 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		399357		
41	64.6	48.7	73.1		
39	37.6	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.117 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 76 Resp: 430553

Ion Ratio Lower Upper

76 100

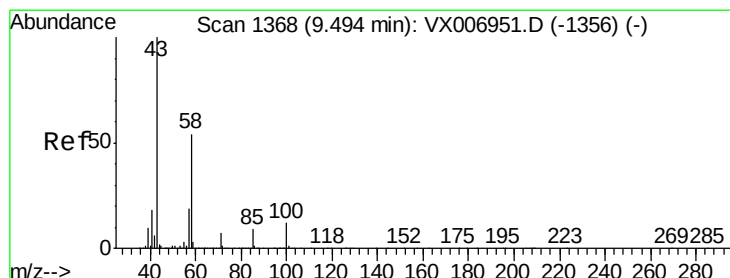
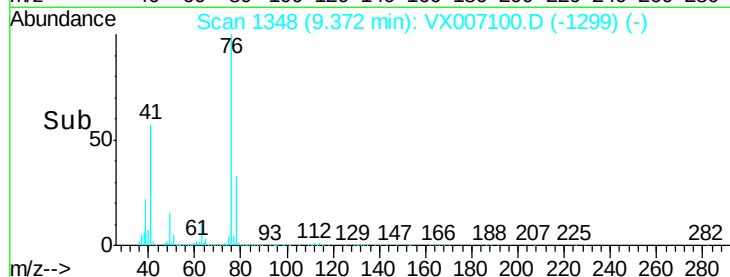
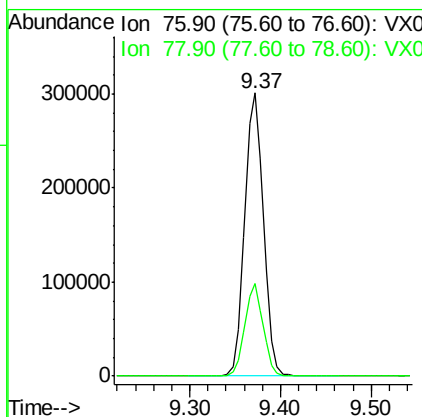
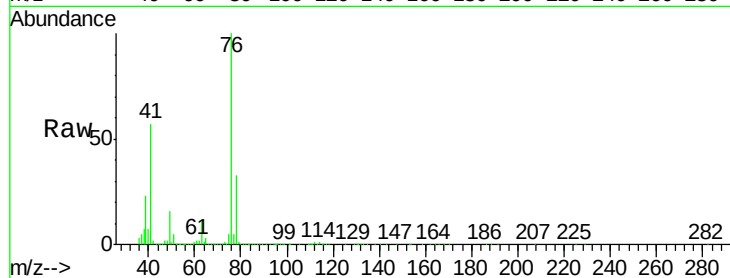
78 32.1 26.0 39.0

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#59

2-Hexanone

Concen: 249.735 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007100.D

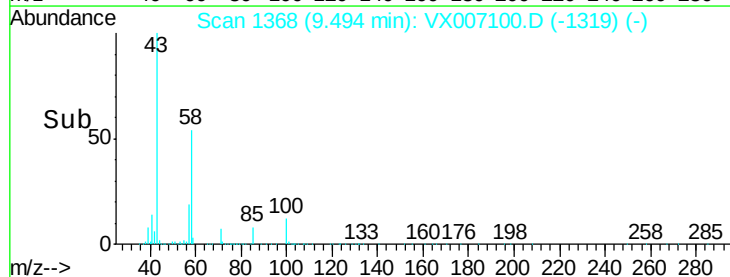
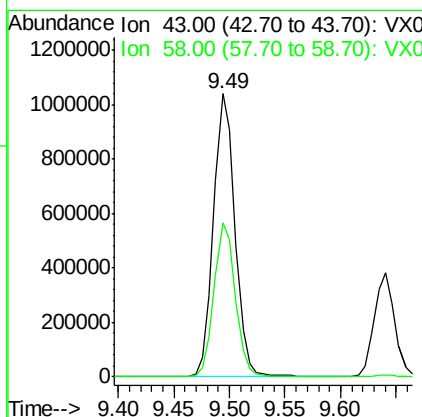
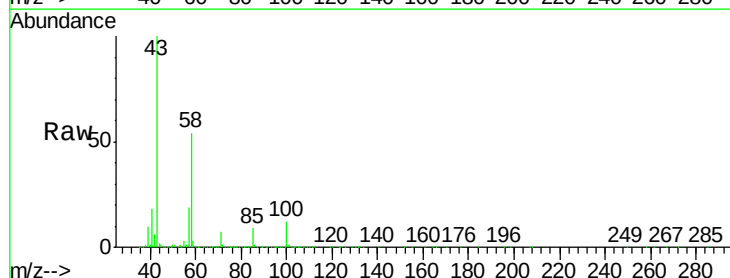
Acq: 17 Jan 2019 20:16

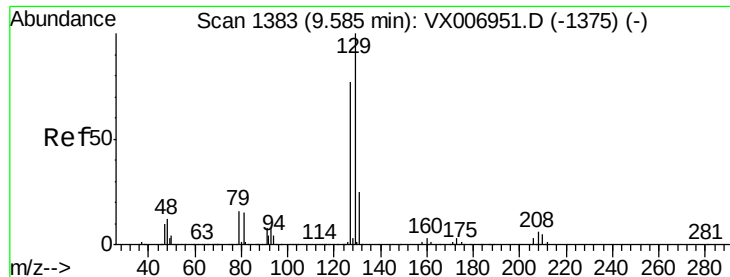
Tgt Ion: 43 Resp: 1381673

Ion Ratio Lower Upper

43 100

58 54.7 27.7 83.1





#60

Dibromochloromethane

Concen: 54.614 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion:129 Resp: 278096

Ion Ratio Lower Upper

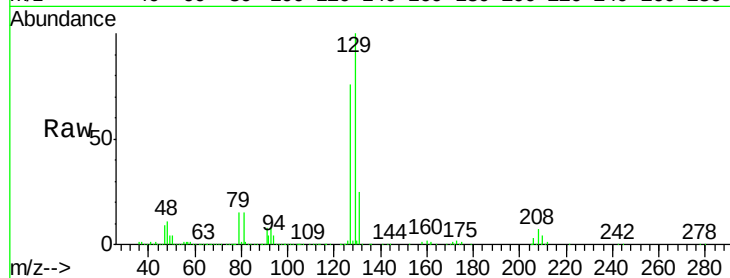
129 100

127 76.9 39.3 117.8

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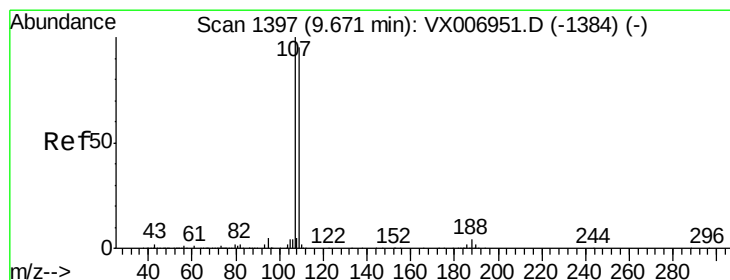
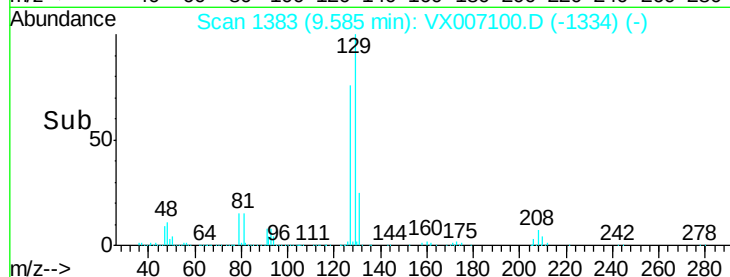
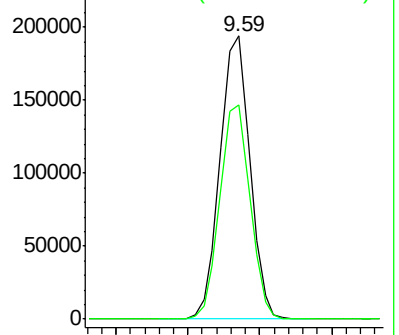
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.944 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007100.D

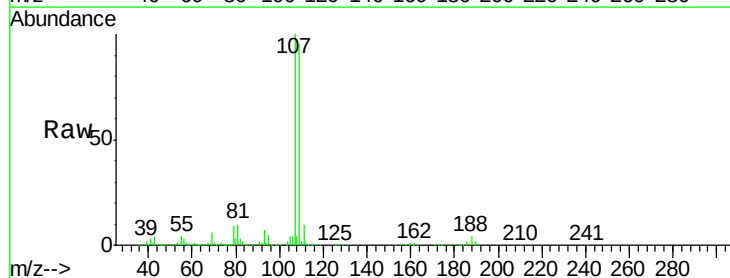
Acq: 17 Jan 2019 20:16

Tgt Ion:107 Resp: 288324

Ion Ratio Lower Upper

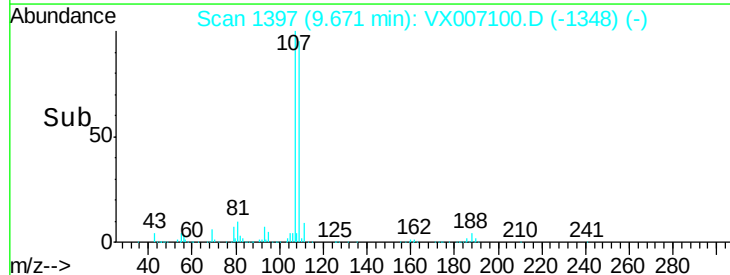
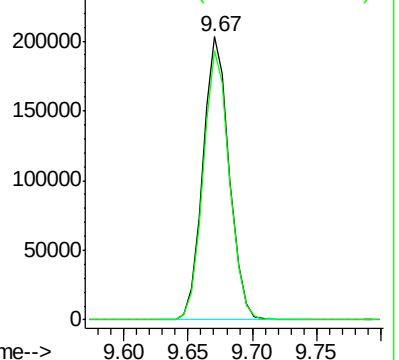
107 100

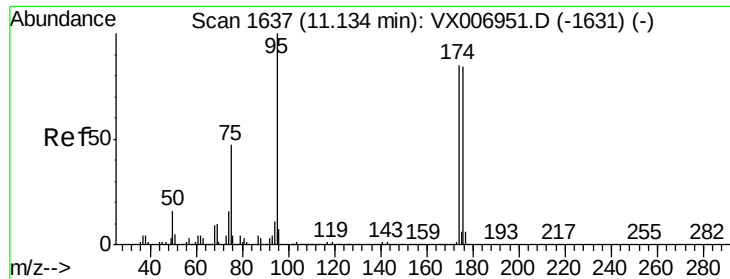
109 95.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.762 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 95 Resp: 318732

Ion Ratio Lower Upper

95 100

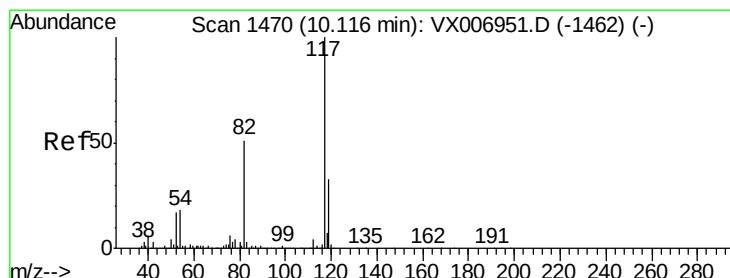
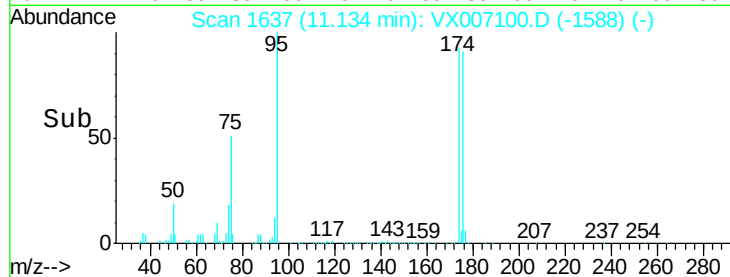
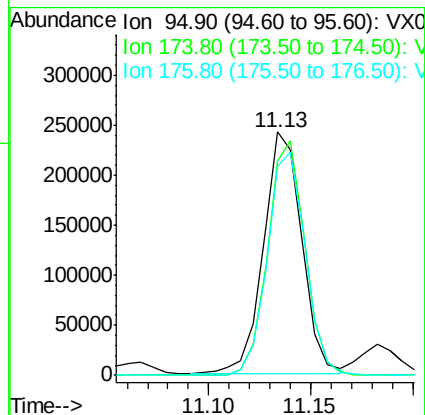
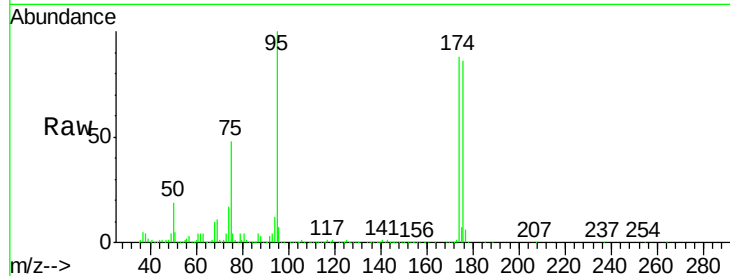
174 94.0 0.0 182.2

176 90.8 0.0 178.8

Manual Integrations
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MMDadoda

1/18/2019 10:24:30 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

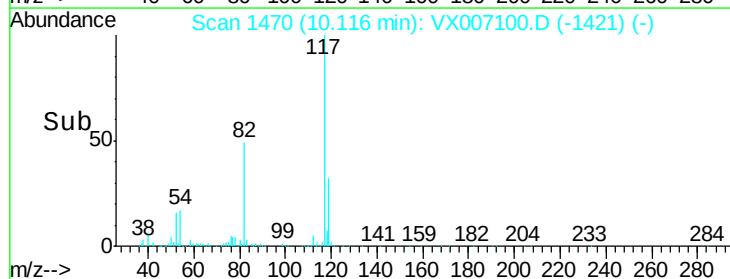
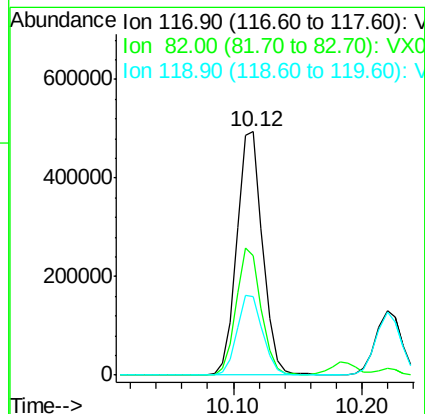
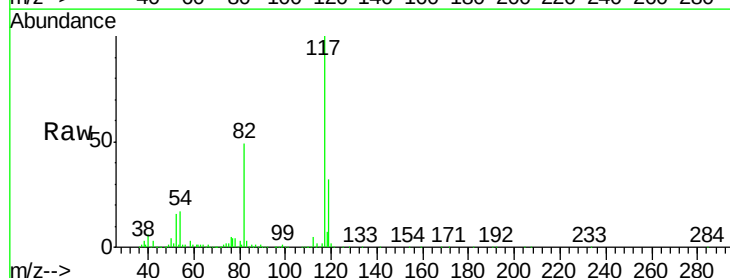
Tgt Ion: 117 Resp: 688271

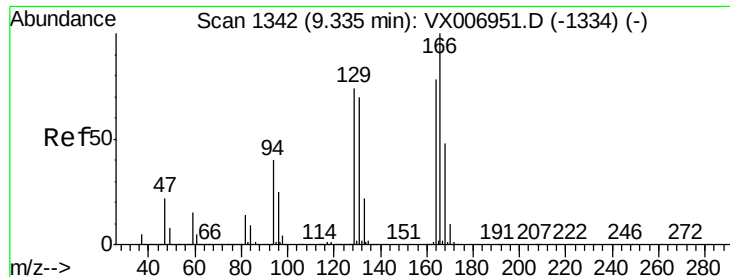
Ion Ratio Lower Upper

117 100

82 48.9 41.0 61.6

119 32.4 25.4 38.0





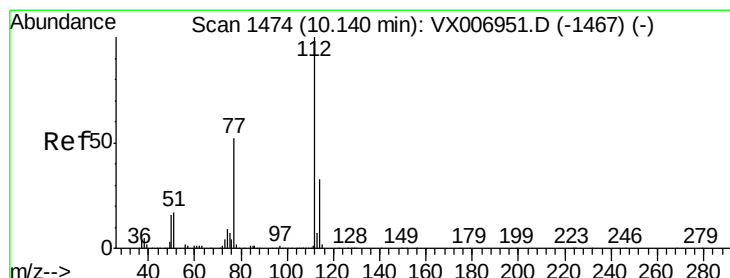
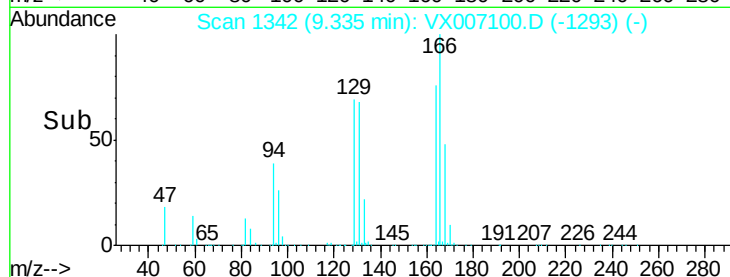
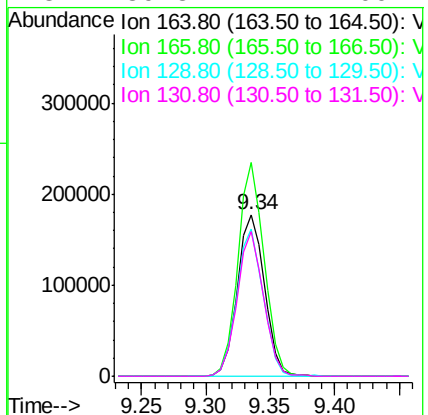
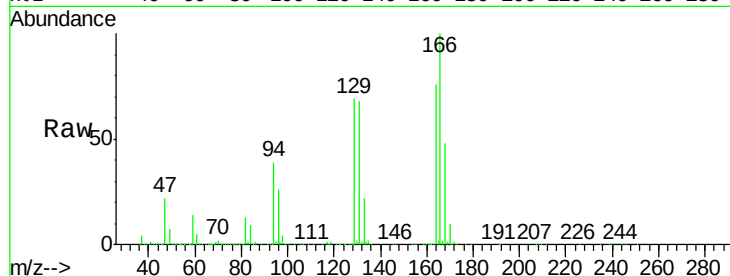
#64
Tetrachloroethene
Concen: 43.415 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.5	153.7
129	91.1	75.1	112.7
131	89.3	72.7	109.1

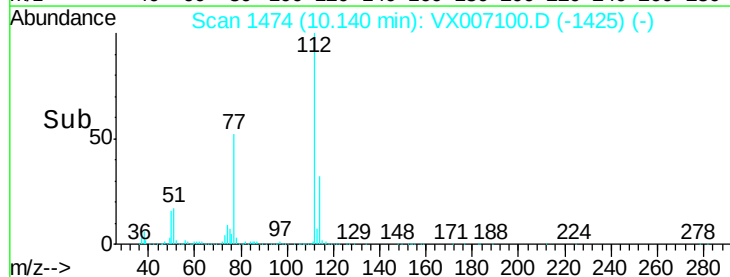
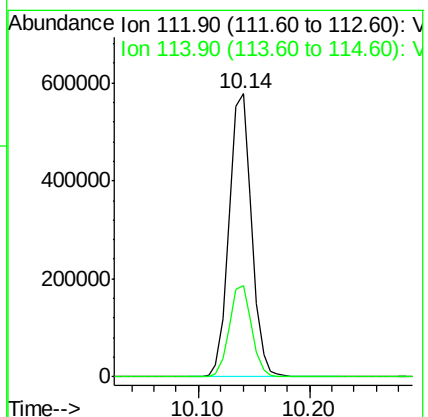
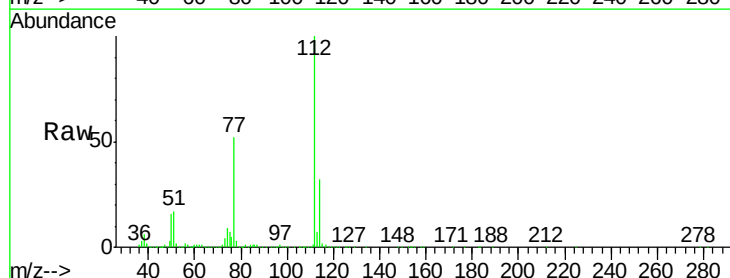
Manual Integrations
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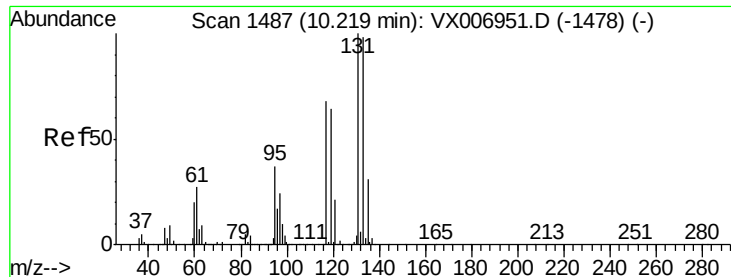
MMDadoda
1/18/2019 10:24:30 AM



#65
Chlorobenzene
Concen: 53.843 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5





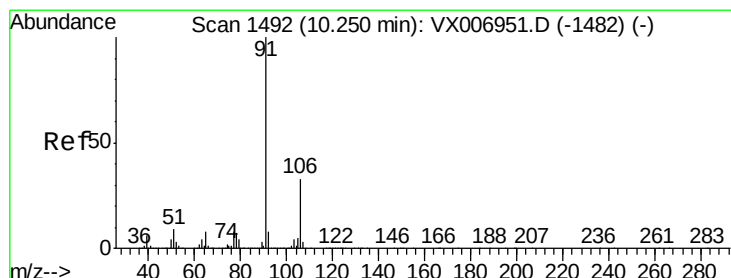
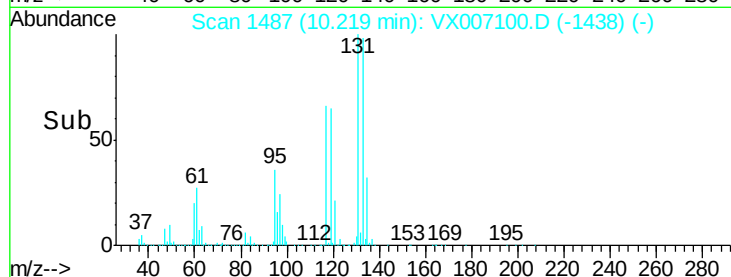
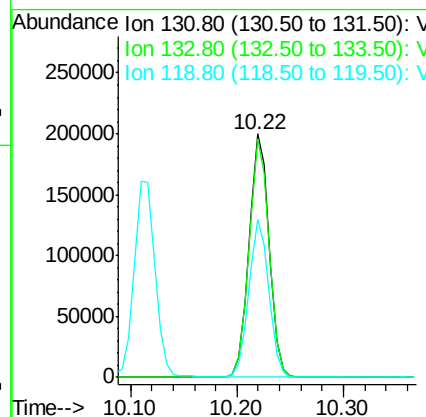
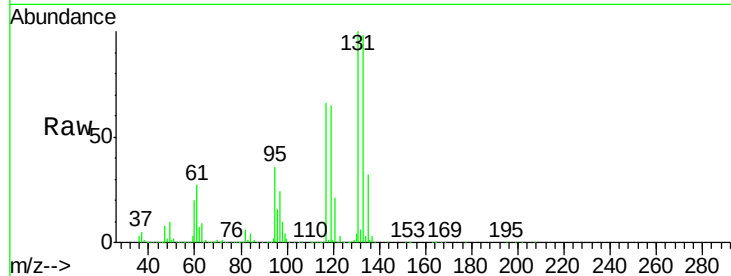
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.487 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.4	48.0	144.2
119	64.6	32.6	97.8

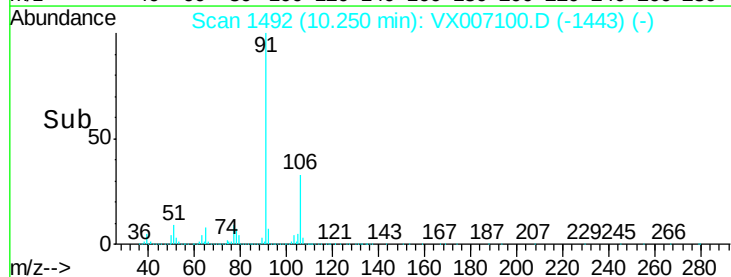
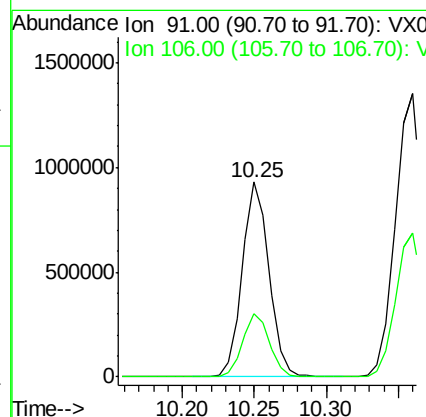
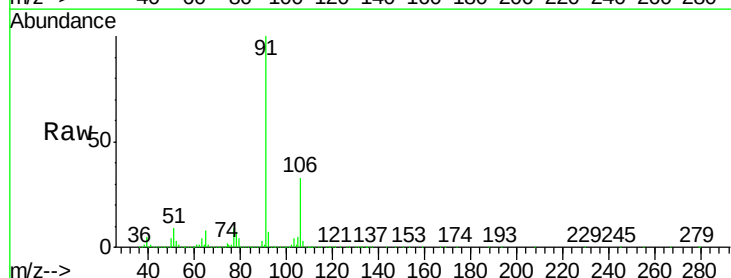
Manual Integrations
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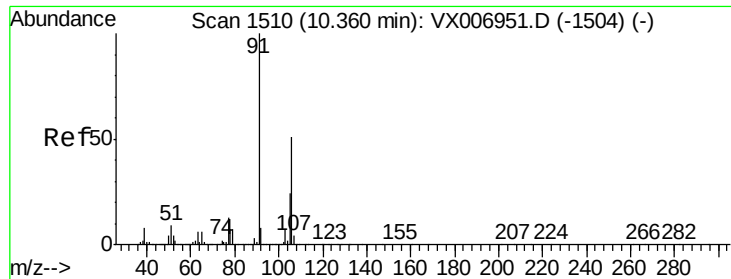
MMDadoda
 1/18/2019 10:24:30 AM



#67
 Ethyl Benzene
 Concen: 48.468 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.4	39.6





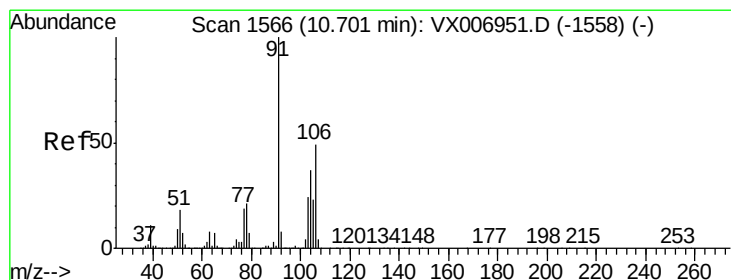
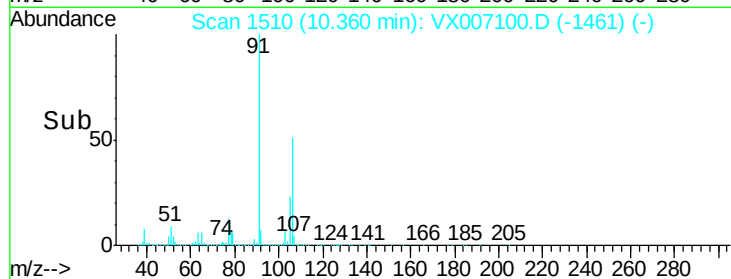
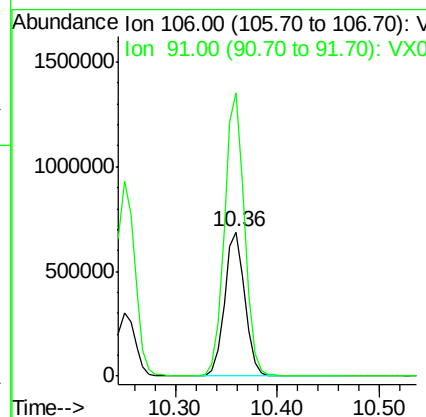
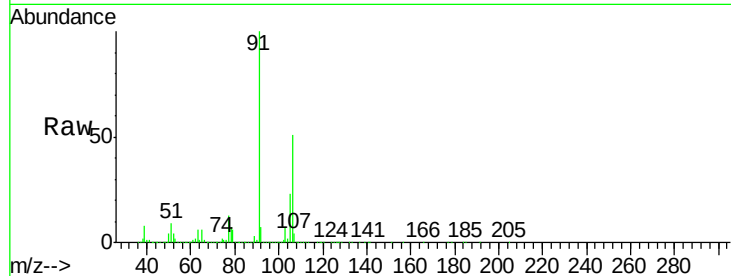
#68
m/p-Xylenes
Concen: 97.161 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100	948667		
91	194.8	155.8	233.6	

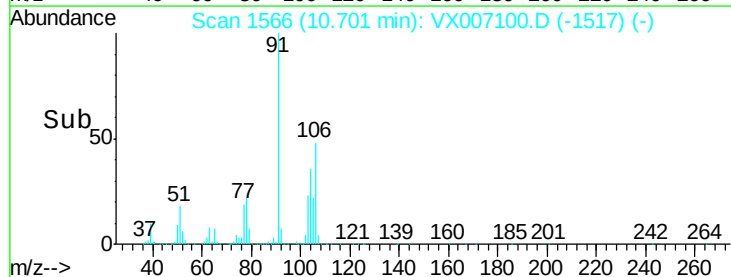
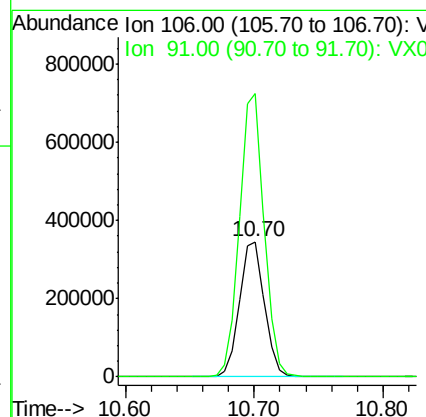
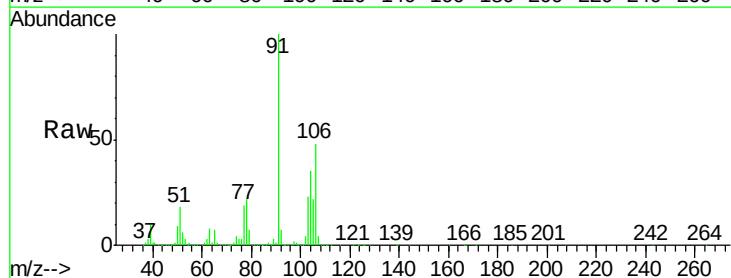
Manual Integrations
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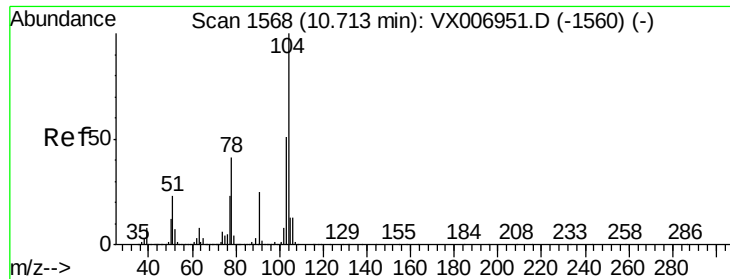
MMDadoda
1/18/2019 10:24:30 AM



#69
o-Xylene
Concen: 48.916 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	465786		
91	207.6	101.3	303.7	





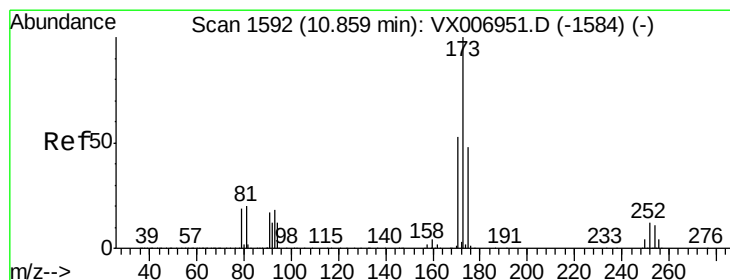
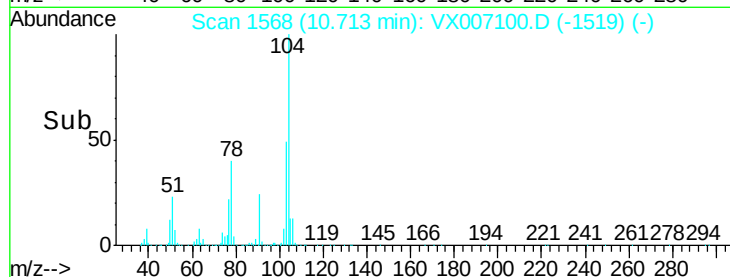
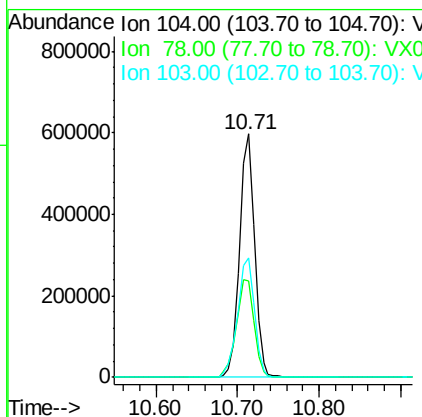
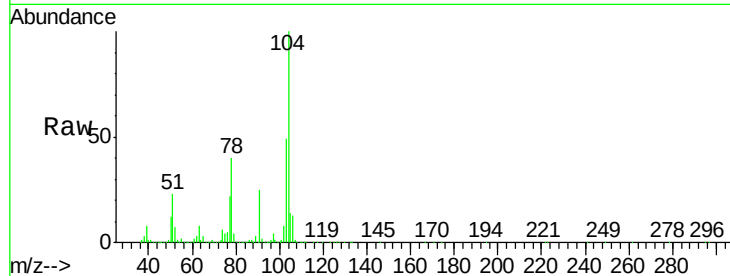
#70
Stvrene
Concen: 50.058 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.7	56.5
103	55.2	43.8	65.8

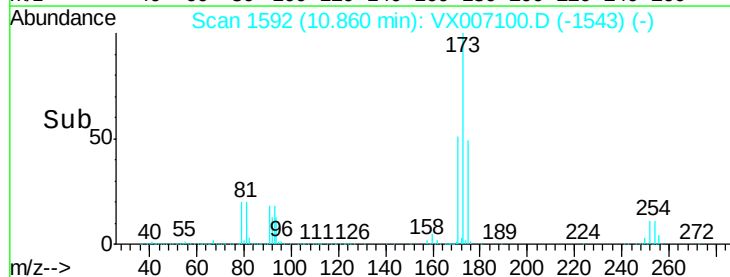
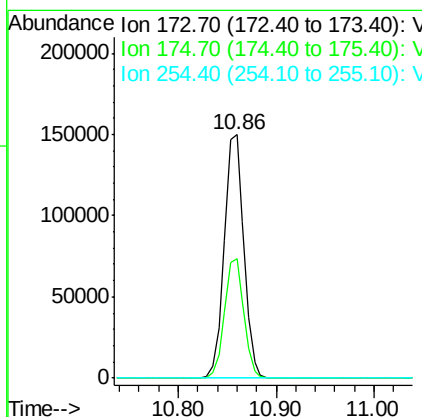
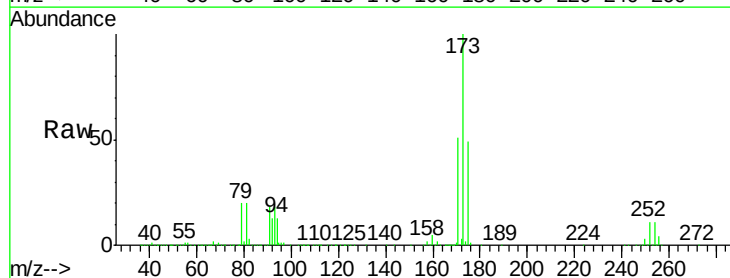
Manual Integrations
APPROVED

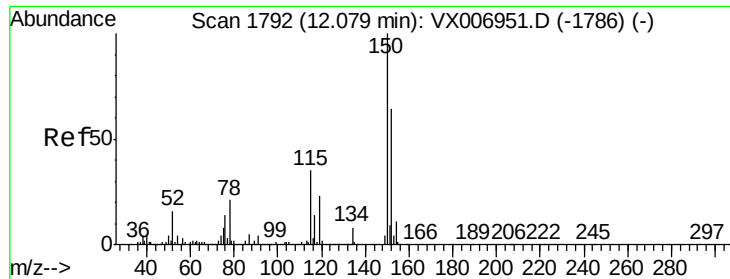
MMDadoda
1/18/2019 10:24:30 AM



#71
Bromoform
Concen: 46.461 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.7	74.1
254	0.2	0.2	0.2#





#72

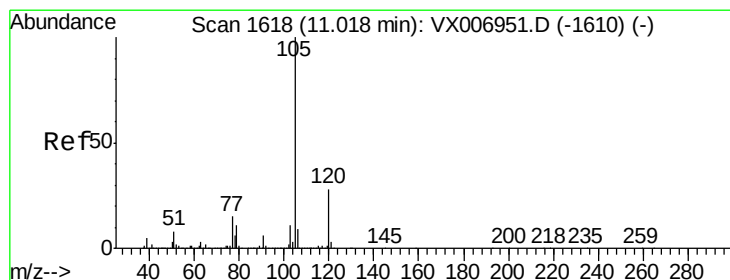
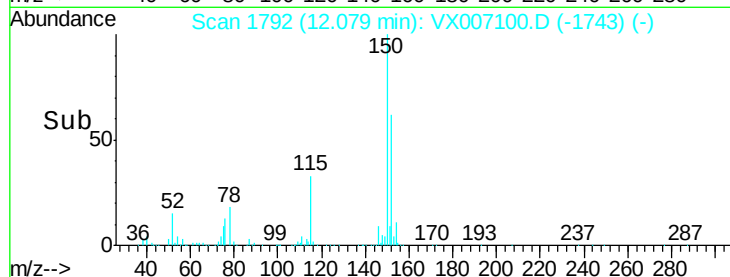
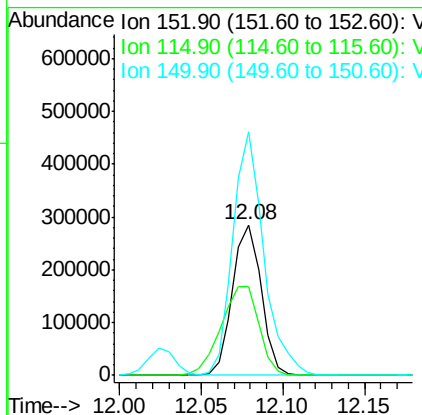
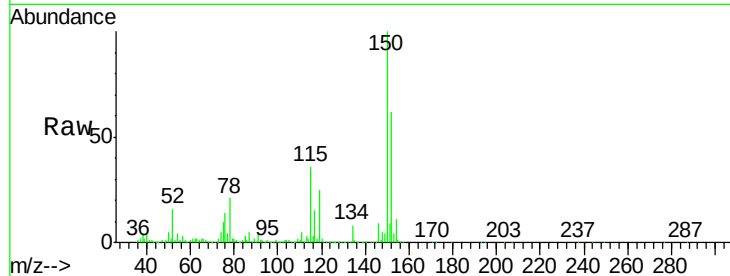
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.9	39.1	117.2
150	174.1	0.0	344.8

Manual Integrations
APPROVED

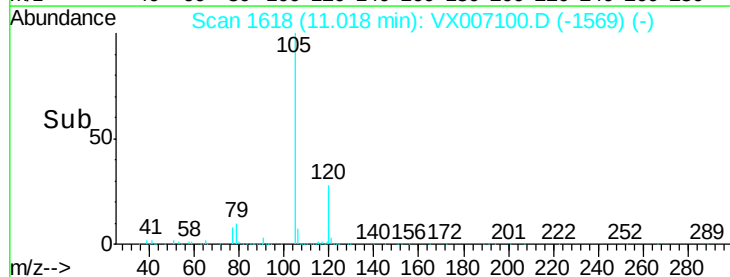
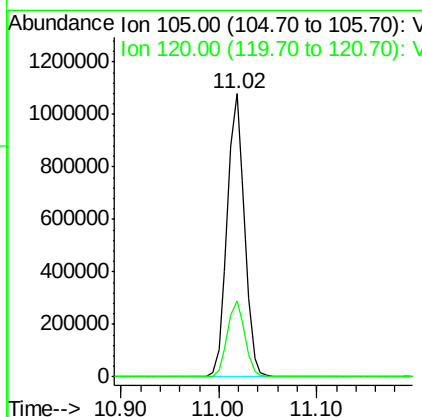
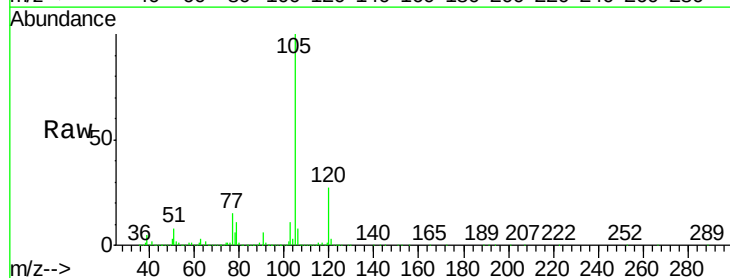
MMDadoda
1/18/2019 10:24:30 AM

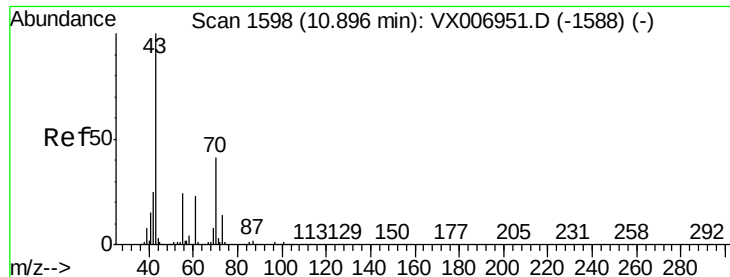


#73

Isopropylbenzene
Concen: 53.851 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	14.1	42.4





#74

N-amvl acetate

Concen: 50.157 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

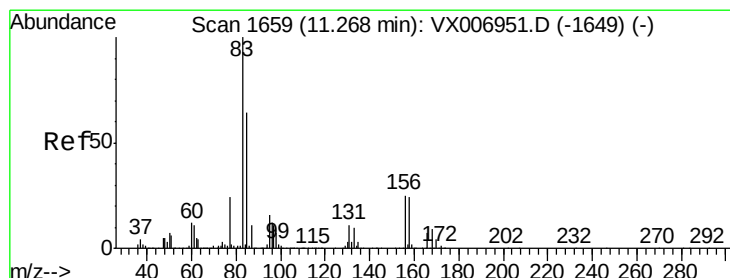
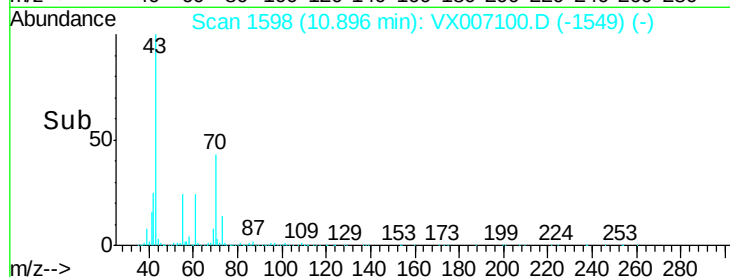
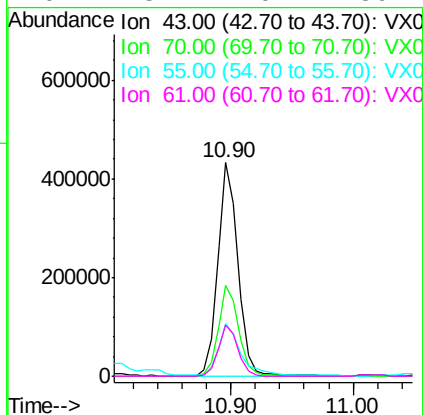
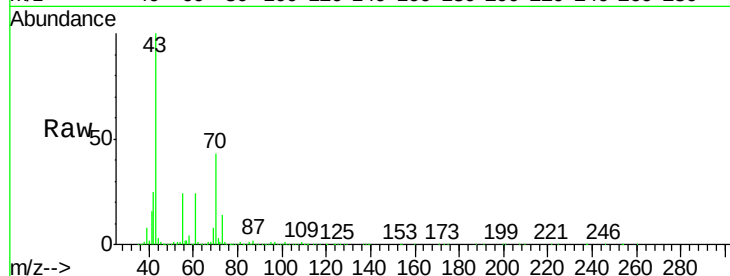
ClientSampleId :

SS038RW150-190115MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.9	35.8	53.8	
55	26.8	19.4	29.0	
61	23.7	20.1	30.1	

Manual Integrations
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MMDadoda
1/18/2019 10:24:30 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.369 ug/l

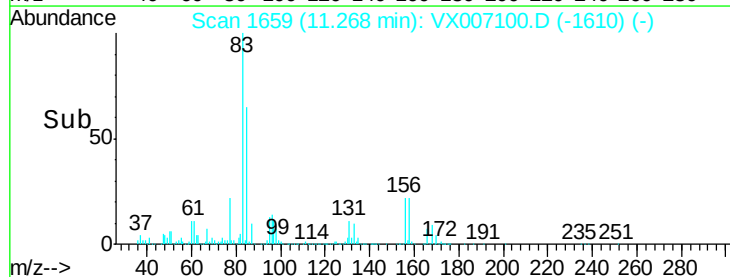
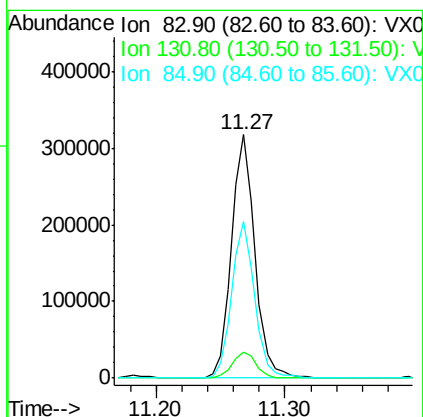
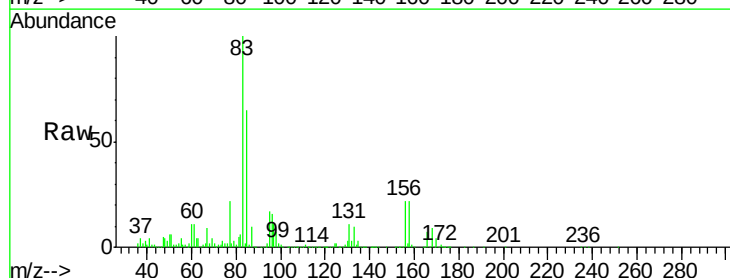
RT: 11.27 min Scan# 1659

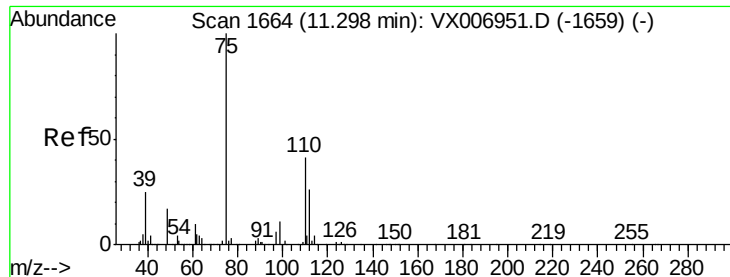
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.0	5.7	17.1	
85	63.7	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 50.908 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 75 Resp: 361464

Ion Ratio Lower Upper

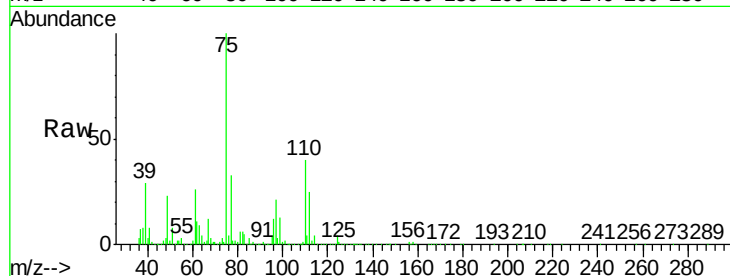
75 100

77 39.9 18.5 55.5

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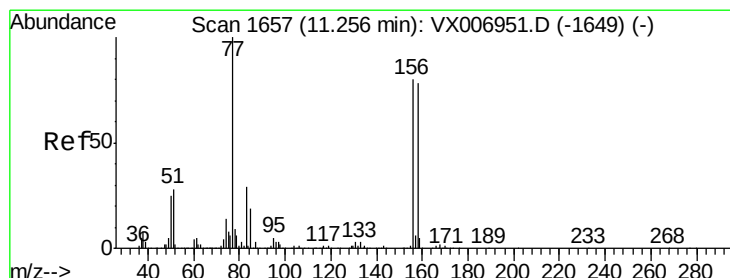
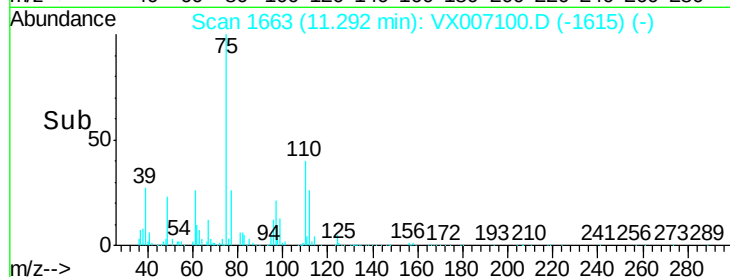
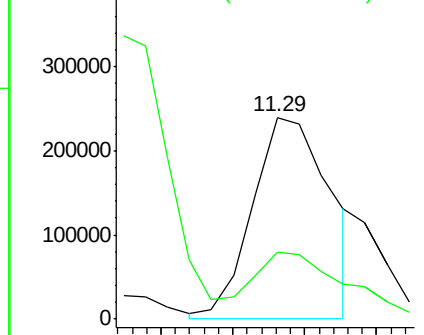
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.070 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

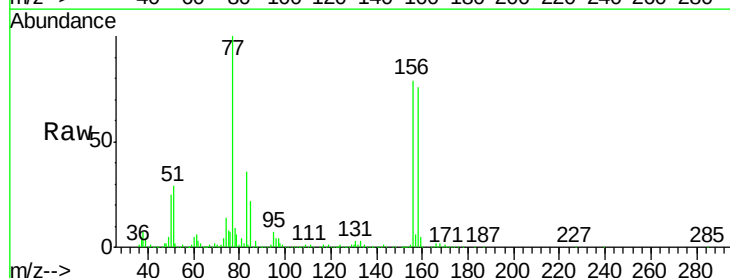
Tgt Ion: 156 Resp: 334054

Ion Ratio Lower Upper

156 100

77 133.3 68.0 204.0

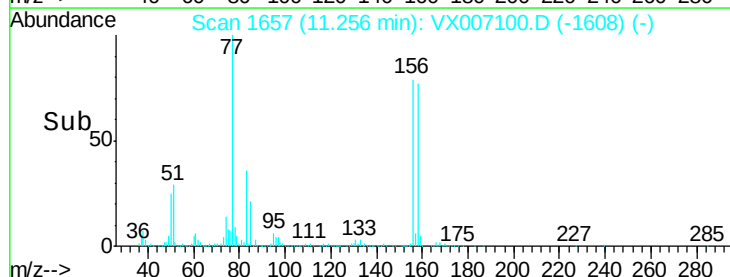
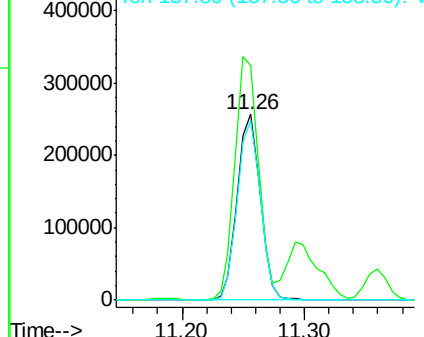
158 97.1 48.3 144.8

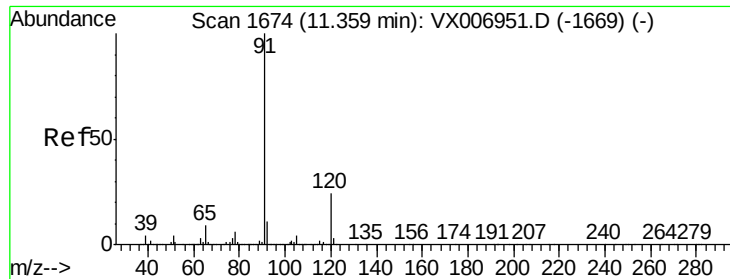


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.786 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 91 Resp: 1377455

Ion Ratio Lower Upper

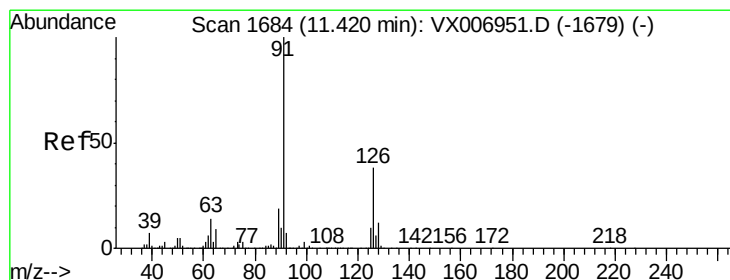
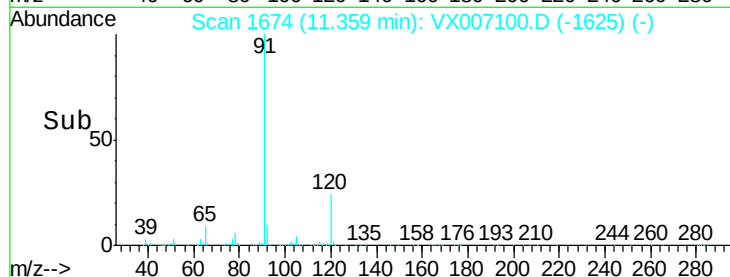
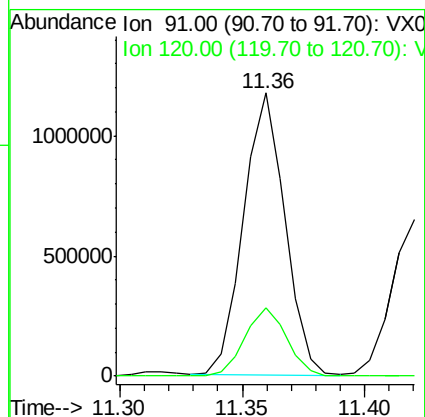
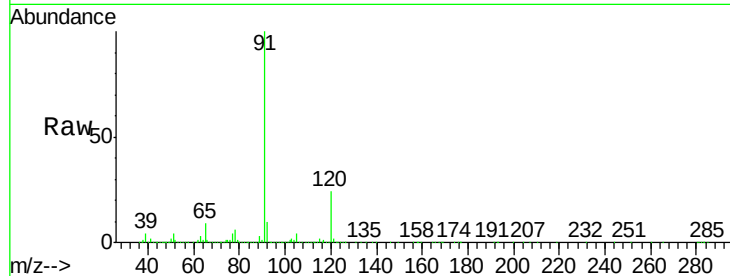
91 100

120 24.7 12.7 38.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.830 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007100.D

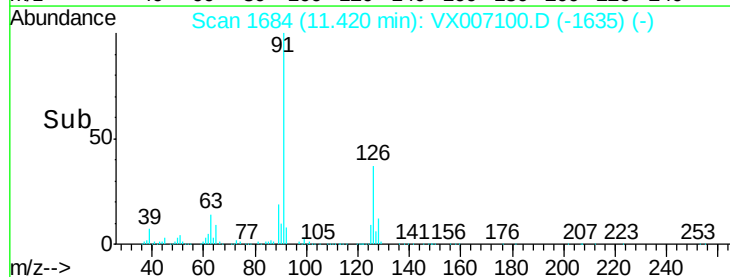
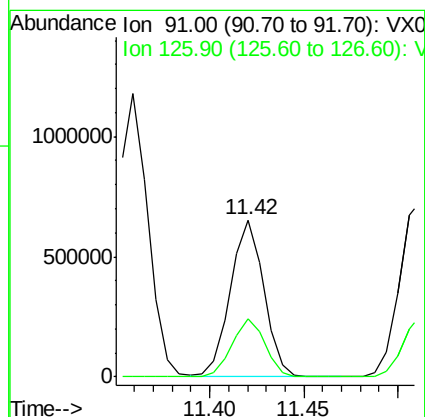
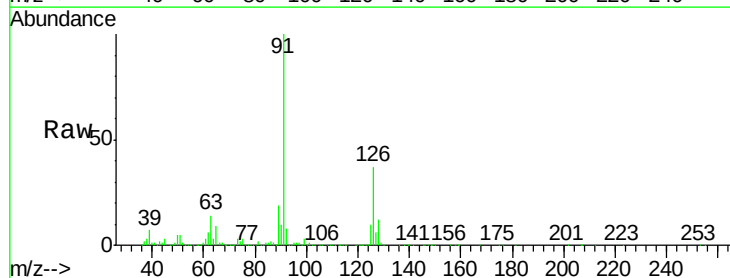
Acq: 17 Jan 2019 20:16

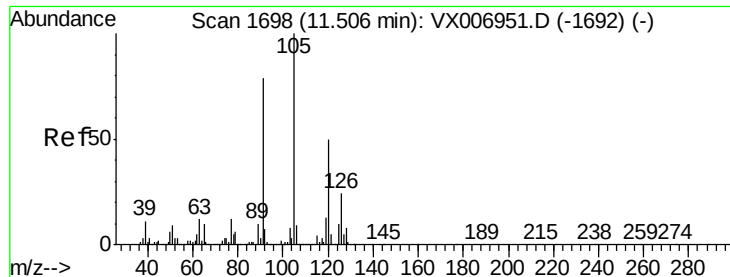
Tgt Ion: 91 Resp: 797249

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 49.257 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion:105 Resp: 1016881

Ion Ratio Lower Upper

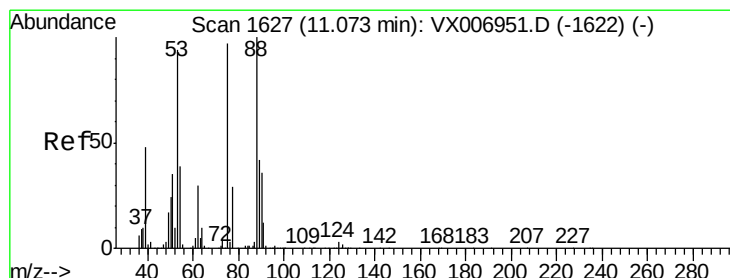
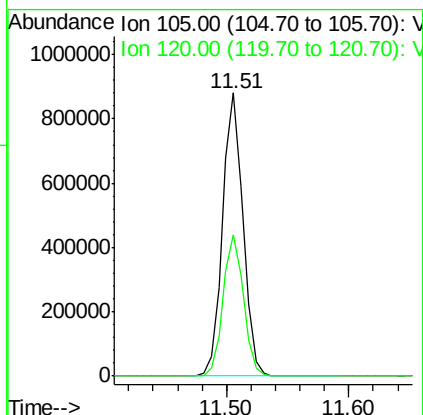
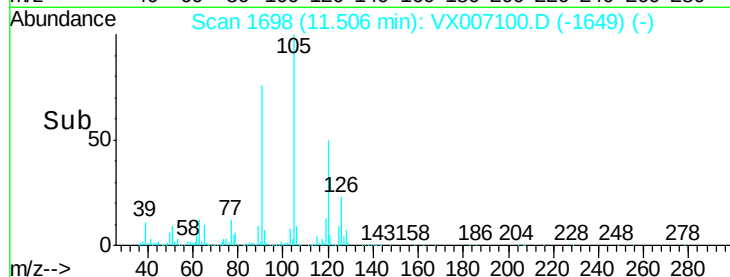
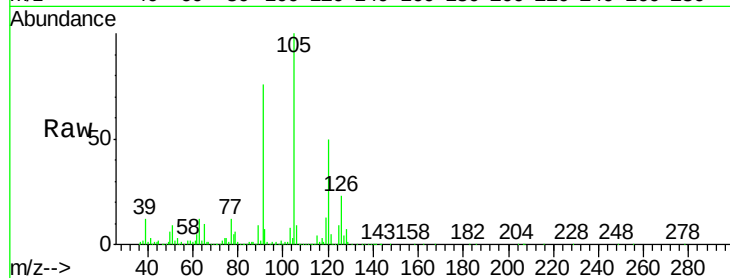
105 100

120 50.0 25.1 75.3

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#81

trans-1,4-Dichloro-2-butene

Concen: 43.450 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

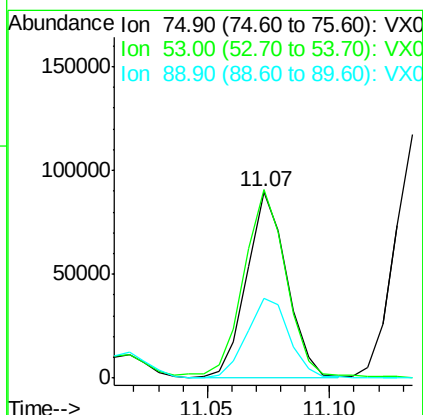
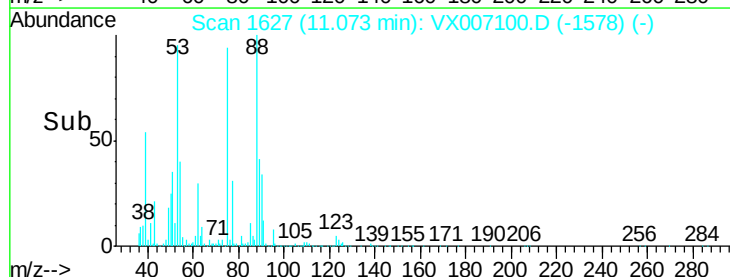
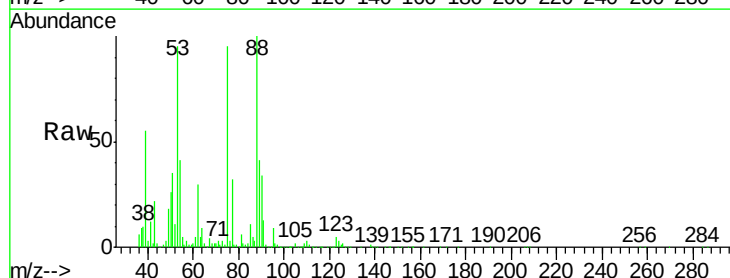
Tgt Ion: 75 Resp: 100967

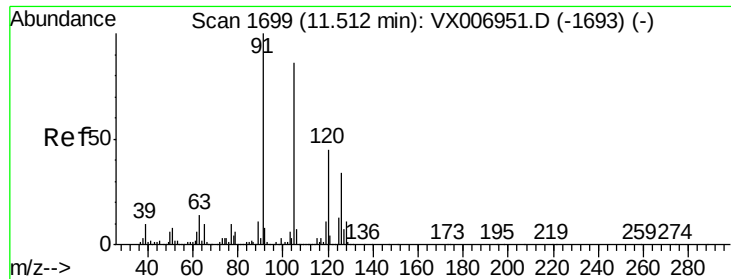
Ion Ratio Lower Upper

75 100

53 107.8 79.7 119.5

89 45.8 38.0 57.0





#82

4-Chlorotoluene

Concen: 49.234 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion: 91 Resp: 930706

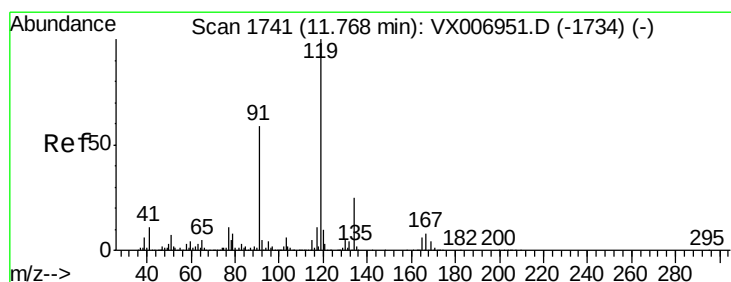
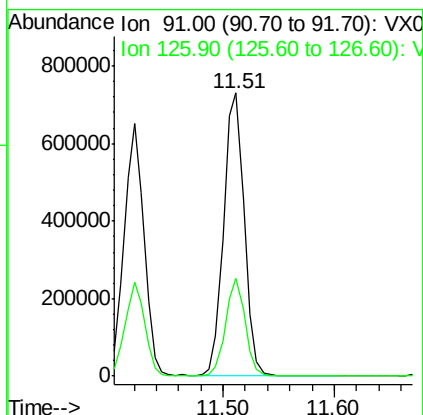
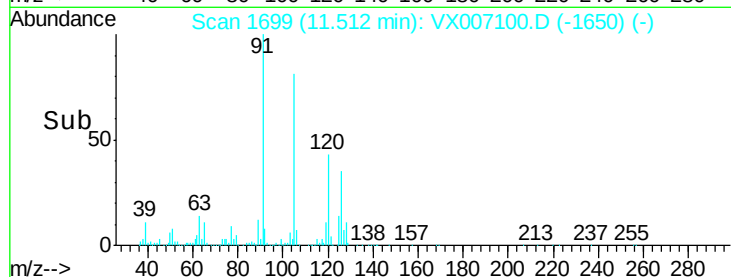
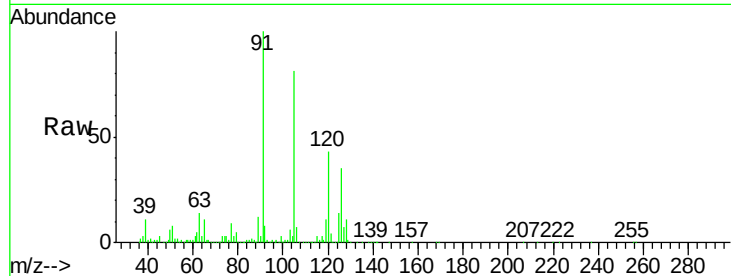
Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9

Manual Integrations
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#83

tert-Butylbenzene

Concen: 58.926 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

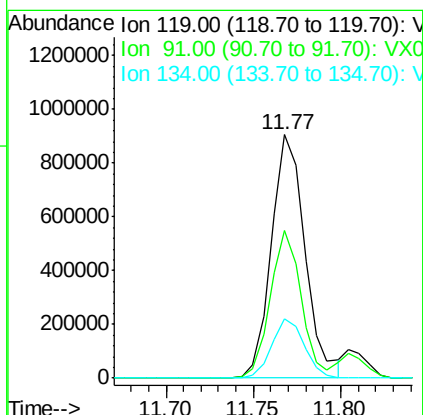
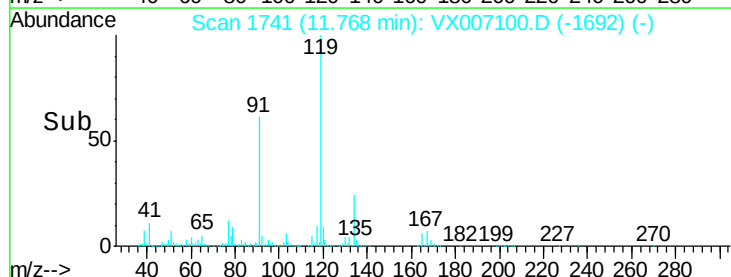
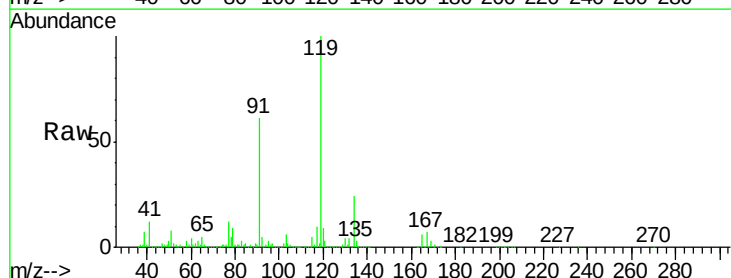
Tgt Ion: 119 Resp: 1213730

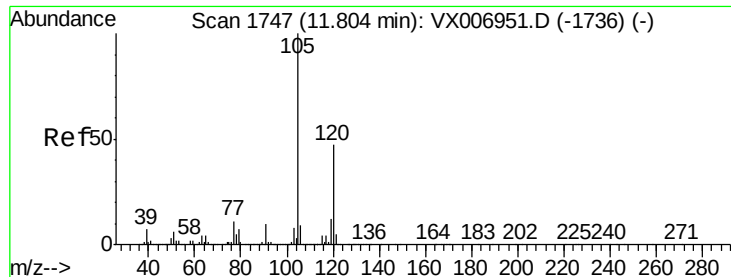
Ion Ratio Lower Upper

119 100

91 55.5 27.7 83.1

134 23.4 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 49.838 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115MSD

Tot Ion:105 Resp: 1034630

Ion Ratio Lower Upper

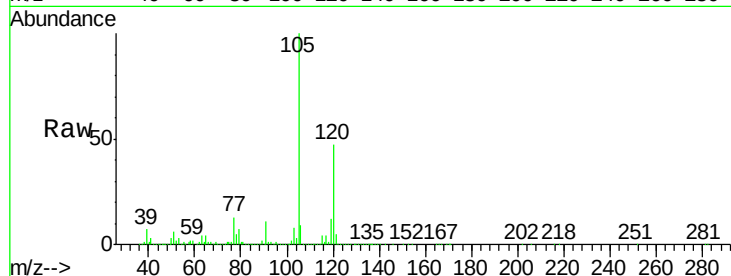
105 100

120 46.0 23.2 69.6

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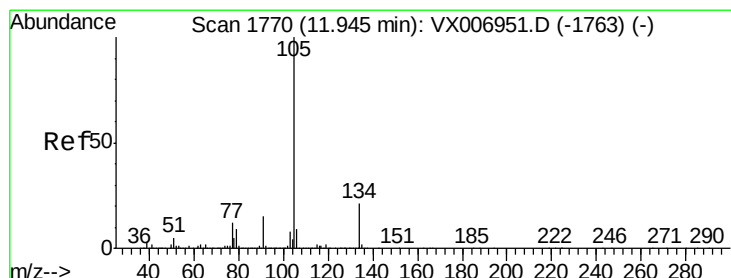
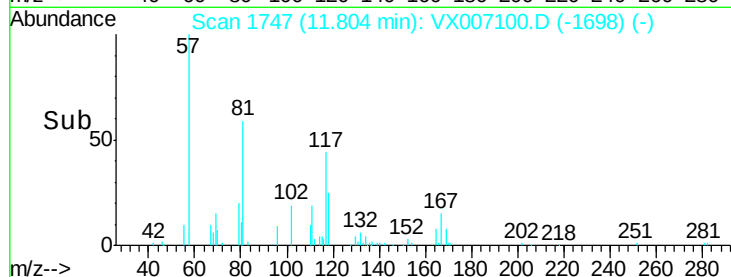
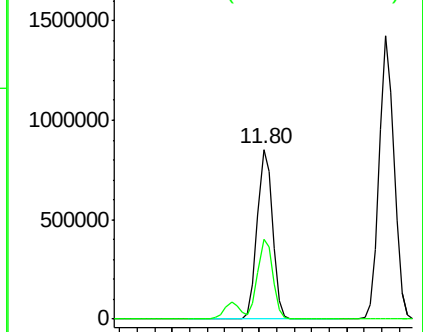
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 68.616 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007100.D

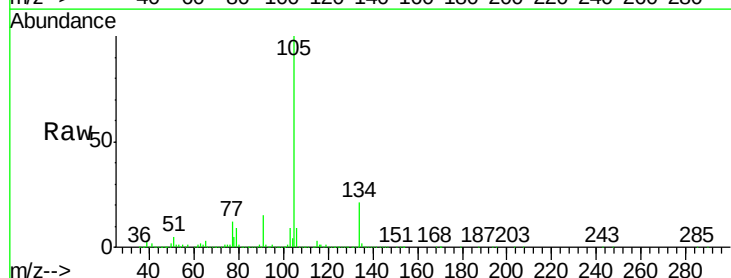
Acq: 17 Jan 2019 20:16

Tgt Ion:105 Resp: 1687883

Ion Ratio Lower Upper

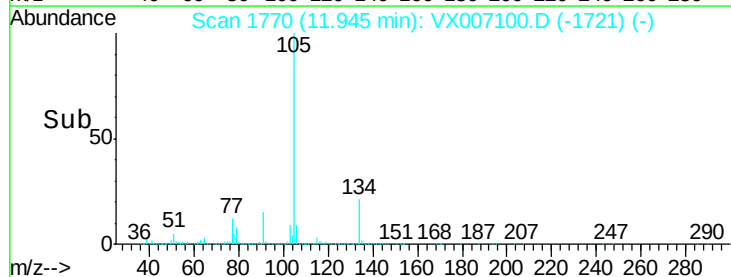
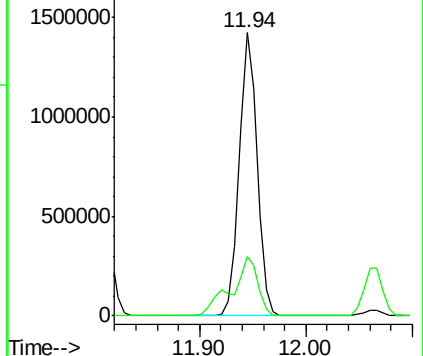
105 100

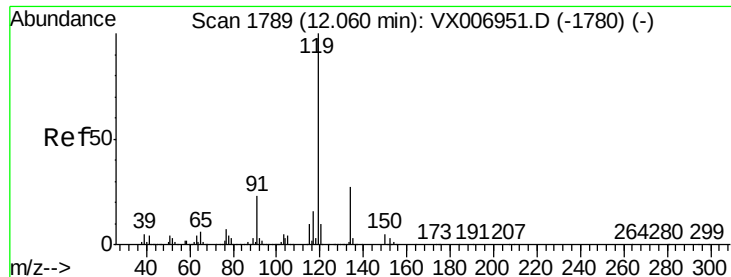
134 30.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





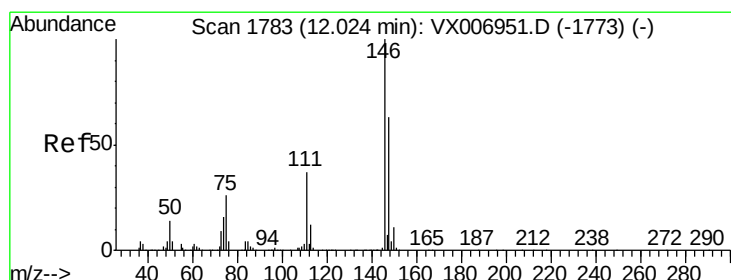
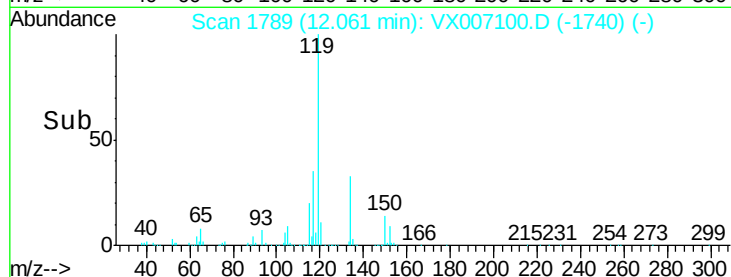
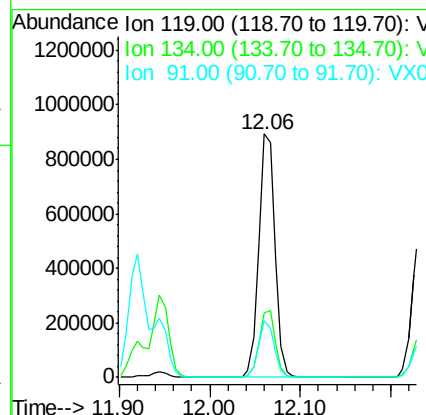
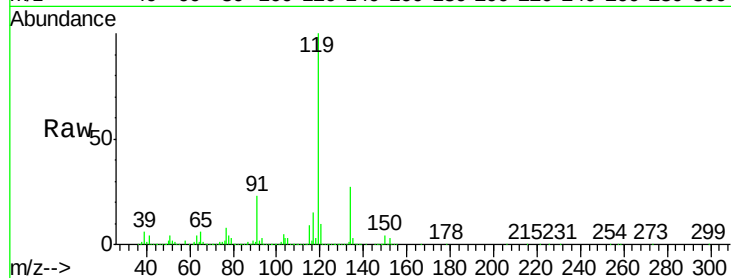
#86
p-Isopropyltoluene
Concen: 50.002 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	14.0	41.9
91	22.5	11.3	33.9

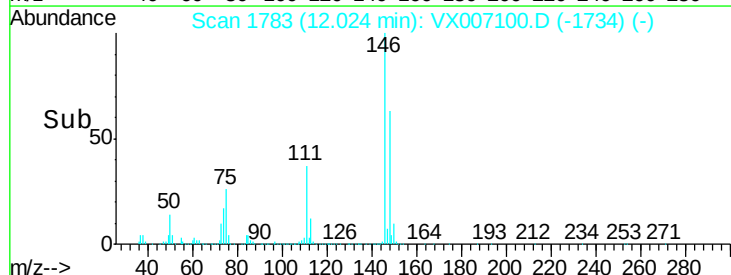
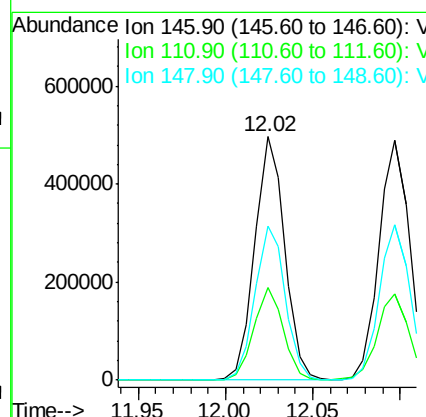
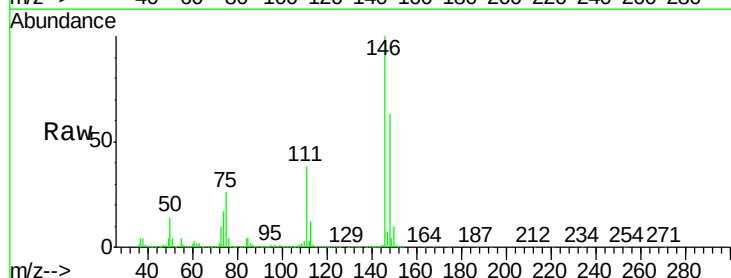
Manual Integrations
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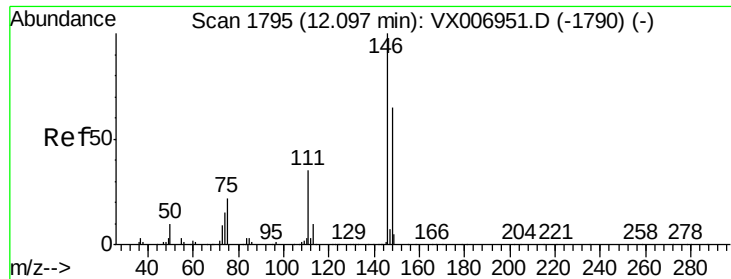
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#87
1,3-Dichlorobenzene
Concen: 48.010 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.1	31.8	95.3





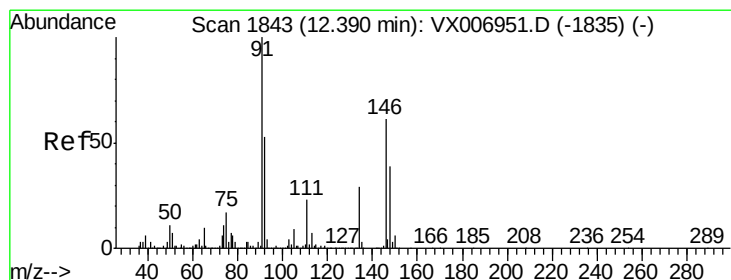
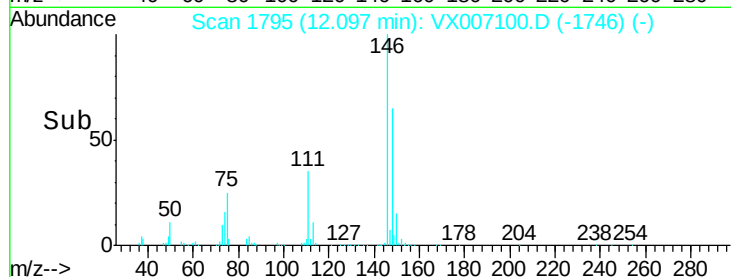
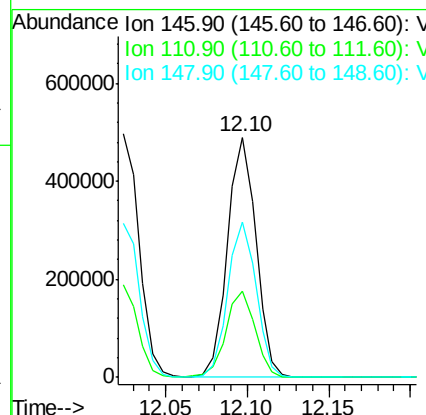
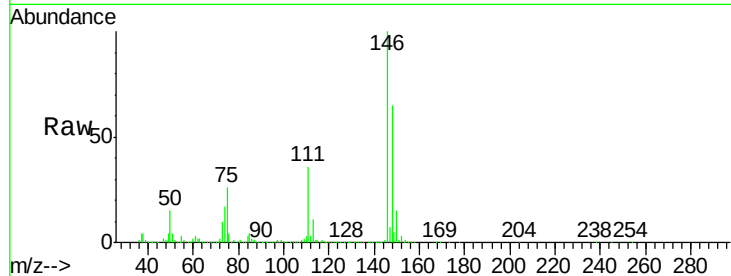
#88
 1,4-Dichlorobenzene
 Concen: 51.135 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	596196		
111	36.6	18.1	54.1	
148	64.8	31.9	95.9	

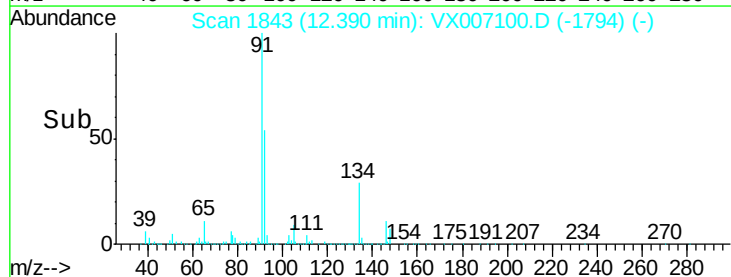
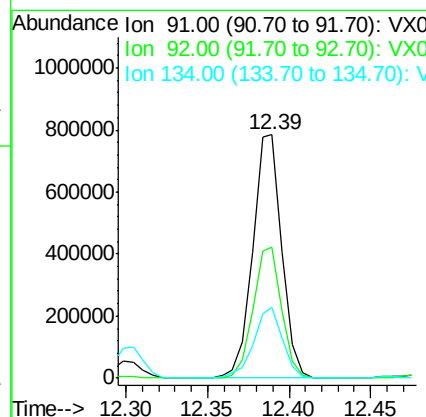
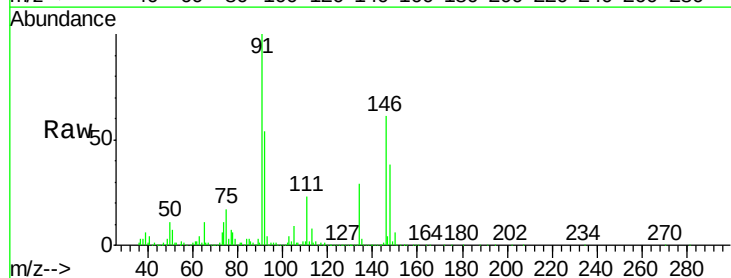
Manual Integrations
 APPROVED

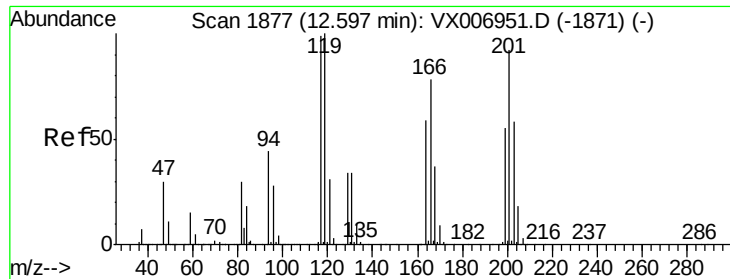
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 1/18/2019 10:24:30 AM



#89
 n-Butylbenzene
 Concen: 51.820 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	971979		
92	52.7	26.8	80.4	
134	29.4	14.4	43.2	





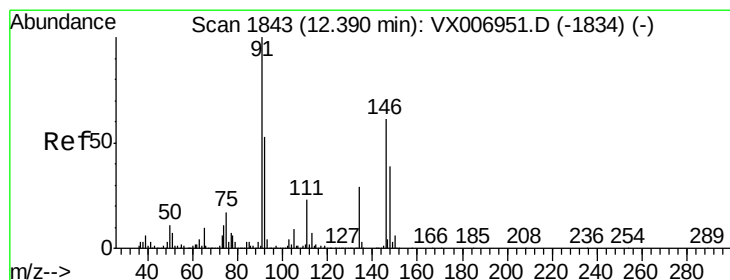
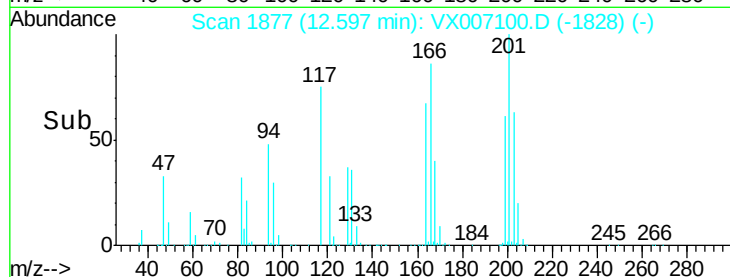
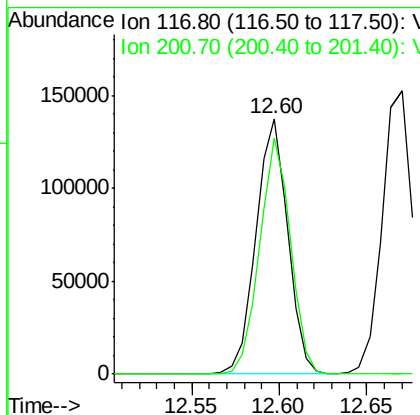
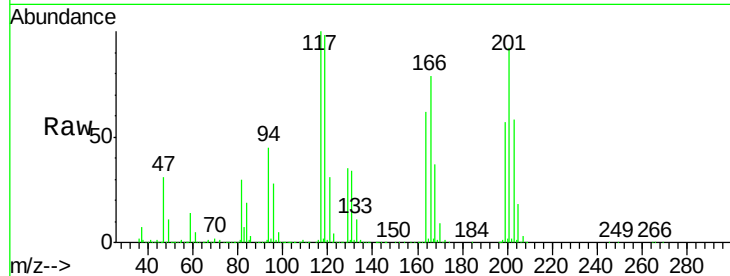
#90
Hexachloroethane
Concen: 49.330 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115MSD

Tot Ion:117 Resp: 173133
Ion Ratio Lower Upper
117 100
201 90.6 42.9 128.7

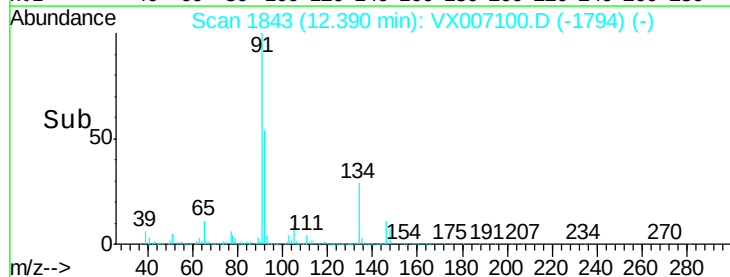
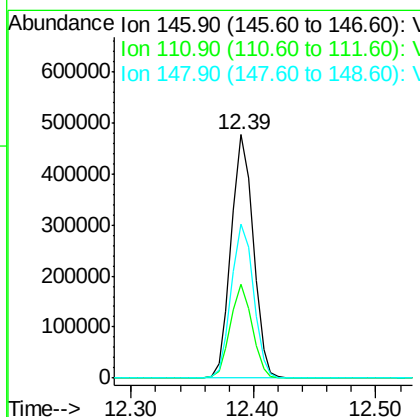
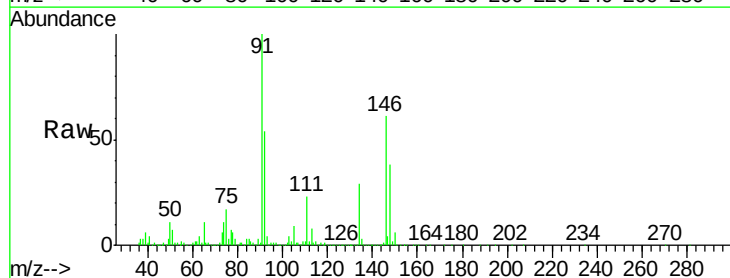
Manual Integrations
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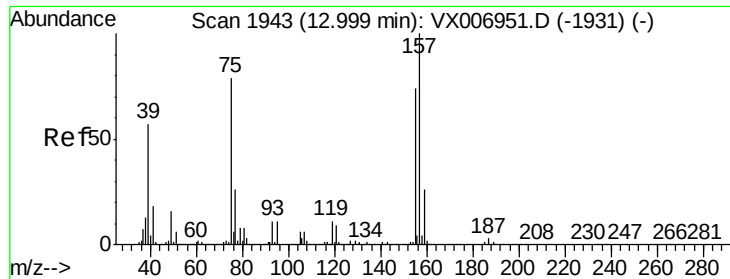
MMDadoda
1/18/2019 10:24:30 AM



#91
1,2-Dichlorobenzene
Concen: 48.922 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007100.D
Acq: 17 Jan 2019 20:16

Tgt Ion:146 Resp: 594058
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.2
148 63.7 32.3 96.9





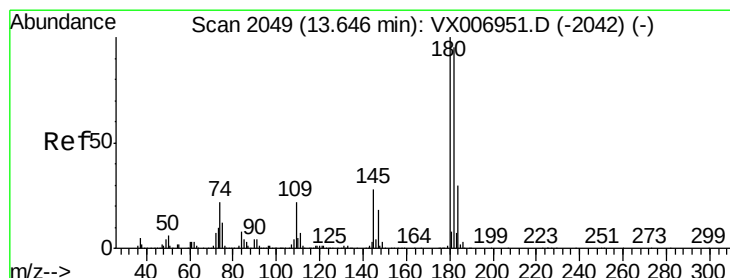
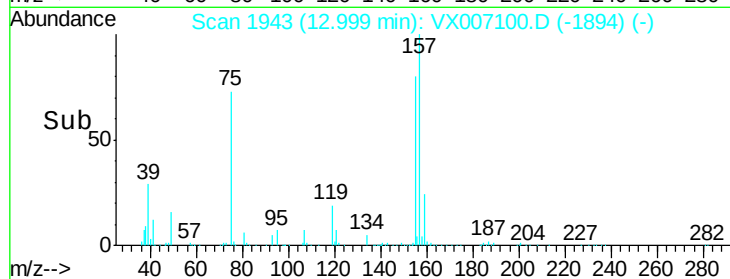
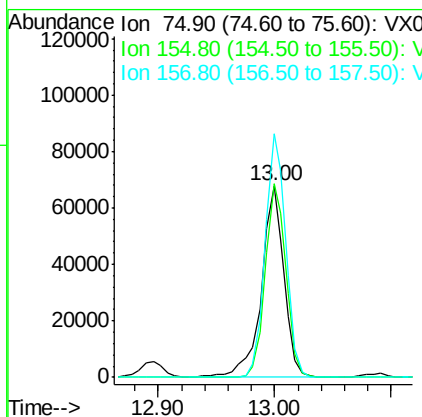
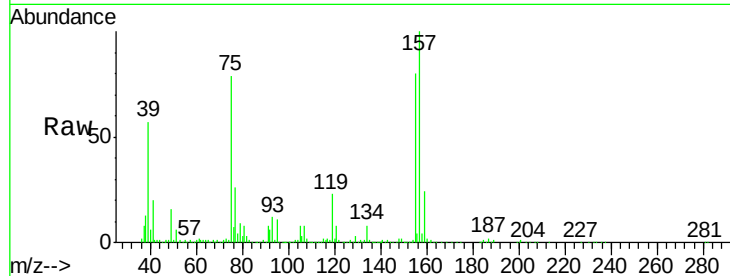
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.589 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	93.4	50.6	151.8
157	116.8	64.6	193.8

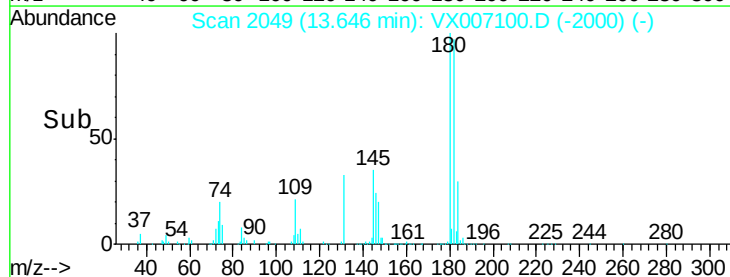
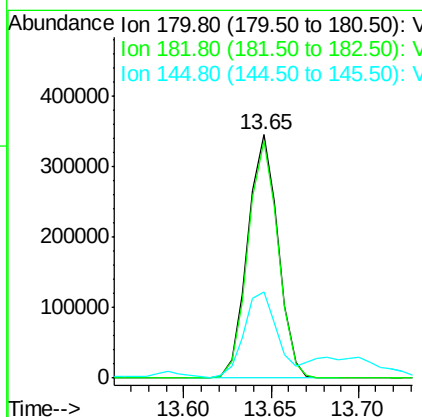
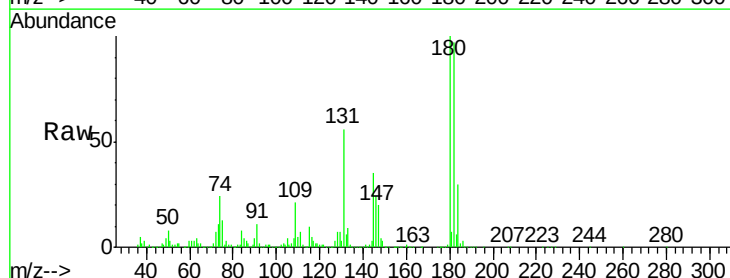
Manual Integrations
 APPROVED

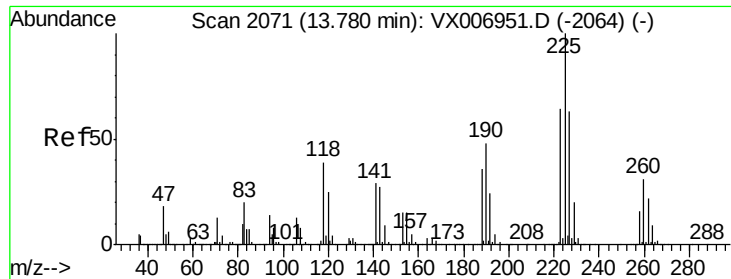
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.097 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	142.0
145	38.5	14.8	44.3





#94

Hexachlorobutadiene

Concen: 54.528 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Instrument :

MSVOA_X

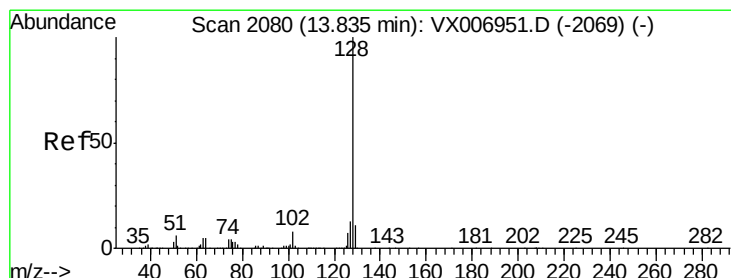
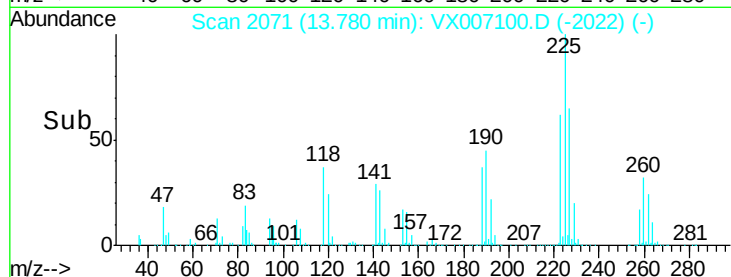
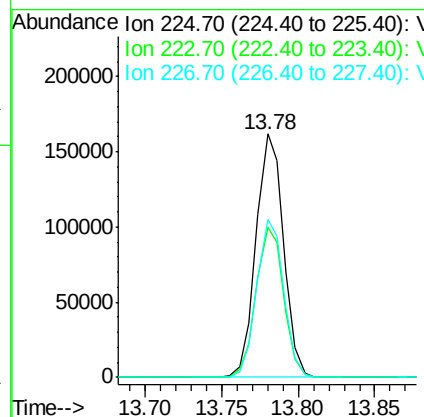
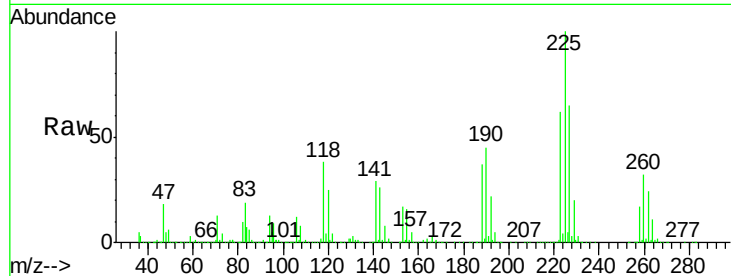
ClientSampleId :

SS038RW150-190115MSD

Tot Ion:	225	Resp:	201590
Ion Ratio		Lower	Upper
225	100		
223	62.0	32.1	96.3
227	63.8	32.3	96.8

Manual Integrations
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#95

Naphthalene

Concen: 52.377 ug/l

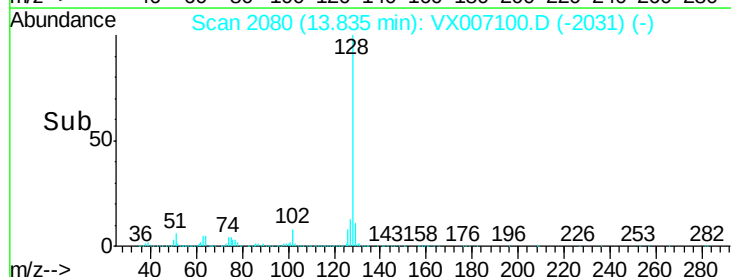
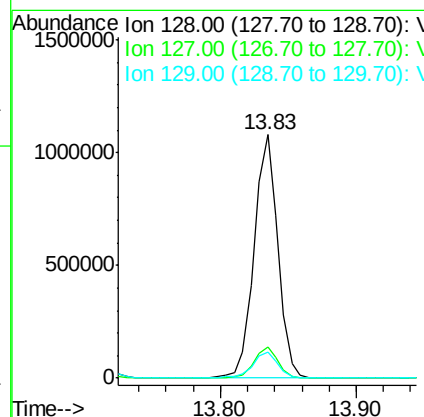
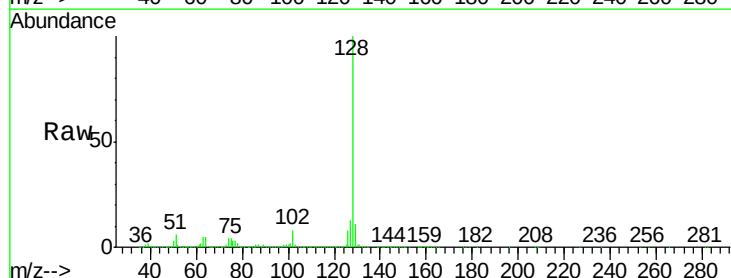
RT: 13.83 min Scan# 2080

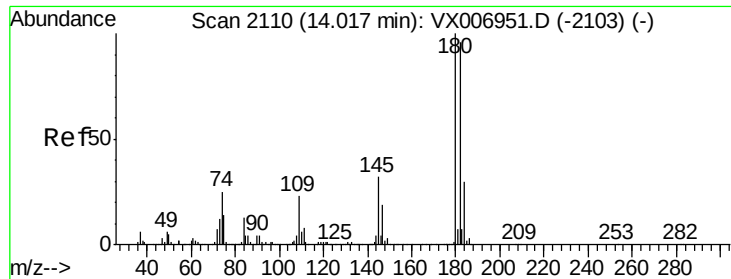
Delta R.T. 0.00 min

Lab File: VX007100.D

Acq: 17 Jan 2019 20:16

Tgt Ion:	128	Resp:	1322225
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.930 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007100.D
 Acq: 17 Jan 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	421486		
182	95.6		48.5	145.5
145	36.7		16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:24:30 AM

