

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010058.D
 Acq On : 04 Jun 2019 13:36
 Operator : JC/SP
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:26:40 AM

Quant Time: Jun 05 07:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	246964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103969	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	75497	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	309392	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	112669	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39587	20.748	ug/l	99
3) Chloromethane	1.32	50	45193	17.618	ug/l	97
4) Vinyl Chloride	1.41	62	40355	17.452	ug/l	97
5) Bromomethane	1.64	94	23577	16.829	ug/l	95
6) Chloroethane	1.72	64	24351	17.107	ug/l	99
7) Trichlorofluoromethane	1.93	101	47281	18.503	ug/l	97
8) Diethyl Ether	2.19	74	20550	17.114	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29316	19.003	ug/l	99
10) Methyl Iodide	2.51	142	32092	19.891	ug/l	100
11) Tert butyl alcohol	3.05	59	49650	91.468	ug/l	98
12) 1,1-Dichloroethene	2.37	96	28934	18.298	ug/l	94
13) Acrolein	2.29	56	31544	96.162	ug/l	98
14) Allyl chloride	2.73	41	70184	18.261	ug/l	99
15) Acrylonitrile	3.14	53	120855	92.405	ug/l	99
16) Acetone	2.45	43	111898	87.806	ug/l	99
17) Carbon Disulfide	2.57	76	82861	17.557	ug/l	98
18) Methyl Acetate	2.78	43	56672	19.112	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	115197	19.296	ug/l	99
20) Methylene Chloride	2.85	84	36656	18.783	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32582	18.518	ug/l	97
22) Diisopropyl ether	3.86	45	139707	19.105	ug/l #	86
23) Vinyl Acetate	3.82	43	613012	93.313	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67176	18.955	ug/l	98
25) 2-Butanone	4.67	43	181630	91.480	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47334	17.657	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38305	18.860	ug/l	95
28) Bromochloromethane	5.01	49	30653	16.668	ug/l	98
29) Tetrahydrofuran	5.13	42	118258	92.883	ug/l	98
30) Chloroform	5.21	83	60031	18.783	ug/l	98
31) Cyclohexane	5.58	56	63277	18.852	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51393	19.745	ug/l	99
36) 1,1-Dichloropropene	5.80	75	46807	18.680	ug/l	99
37) Ethyl Acetate	4.84	43	67129	19.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	42728	19.733	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56872	19.134	ug/l	98
40) Benzene	6.14	78	145383	19.559	ug/l	100
41) Methacrylonitrile	5.05	41	38464	18.854	ug/l	99
42) 1,2-Dichloroethane	6.20	62	53063	19.310	ug/l	98
43) Isopropyl Acetate	6.45	43	105593	18.744	ug/l	98
44) Trichloroethene	7.21	130	34422	19.065	ug/l	92
45) 1,2-Dichloropropane	7.51	63	41520	19.404	ug/l	97
46) Dibromomethane	7.66	93	23681	18.802	ug/l	97
47) Bromodichloromethane	7.90	83	46189	19.285	ug/l	97
48) Methyl methacrylate	7.77	41	53828	19.301	ug/l	99
49) 1,4-Dioxane	7.74	88	20372	392.716	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	354590	96.758	ug/l	99
52) Toluene	8.79	92	88883	19.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52750	18.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59132	18.894	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36077	19.861	ug/l	99
56) Ethyl methacrylate	9.18	69	63991	19.788	ug/l	99
57) 1,3-Dichloropropane	9.37	76	63181	19.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	161977	95.518	ug/l	99
59) 2-Hexanone	9.49	43	278661	98.764	ug/l	100
60) Dibromochloromethane	9.58	129	34491	19.303	ug/l	98
61) 1,2-Dibromoethane	9.67	107	36521	19.570	ug/l	100
64) Tetrachloroethene	9.34	164	31526	20.122	ug/l	96
65) Chlorobenzene	10.13	112	92358	19.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	33248	20.414	ug/l	100
67) Ethyl Benzene	10.25	91	168670	20.005	ug/l	99
68) m/p-Xylenes	10.36	106	124080	39.834	ug/l	99
69) o-Xylene	10.69	106	60760	20.339	ug/l	98
70) Styrene	10.71	104	106103	20.255	ug/l	99
71) Bromoform	10.85	173	26745	20.089	ug/l #	98
73) Isopropylbenzene	11.02	105	163274	19.793	ug/l	100
74) N-amyl acetate	10.90	43	96135	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60226	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52049m	19.468	ug/l	
77) Bromobenzene	11.26	156	41589	19.783	ug/l	95
78) n-propylbenzene	11.36	91	188712	19.847	ug/l	100
79) 2-Chlorotoluene	11.42	91	112667	19.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	136885	19.697	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19195	17.763	ug/l	96
82) 4-Chlorotoluene	11.51	91	129562	19.158	ug/l	98
83) tert-Butylbenzene	11.77	119	131309	19.749	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	139501	19.766	ug/l	100
85) sec-Butylbenzene	11.94	105	159055	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	144478	20.307	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	72479	19.365	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	73890	19.358	ug/l	99
89) n-Butylbenzene	12.38	91	130015	19.445	ug/l	99
90) Hexachloroethane	12.59	117	23275	19.063	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	72897	19.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13828	19.089	ug/l	94

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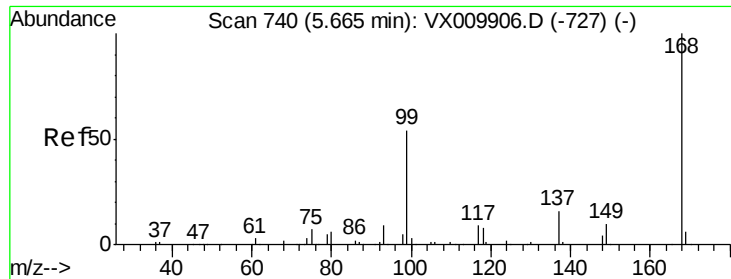
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52345	19.850	ug/l	97
94) Hexachlorobutadiene	13.78	225	26817	20.275	ug/l	100
95) Naphthalene	13.83	128	168887	20.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53516	20.274	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:168 Resp: 156143

Ion Ratio Lower Upper

168 100

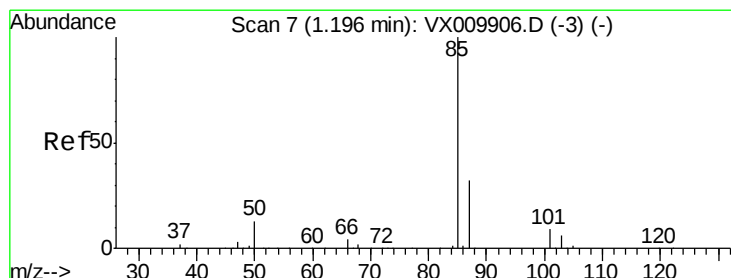
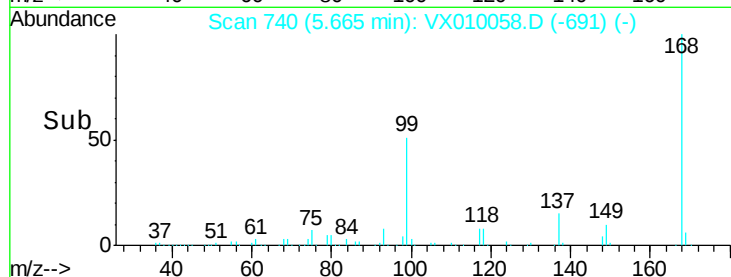
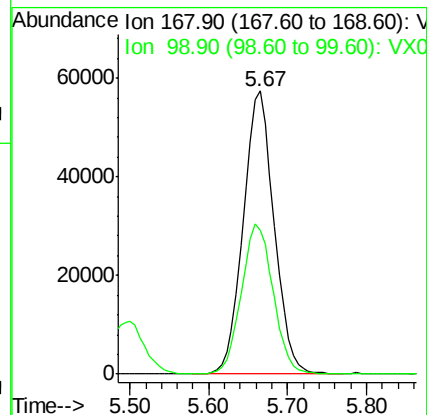
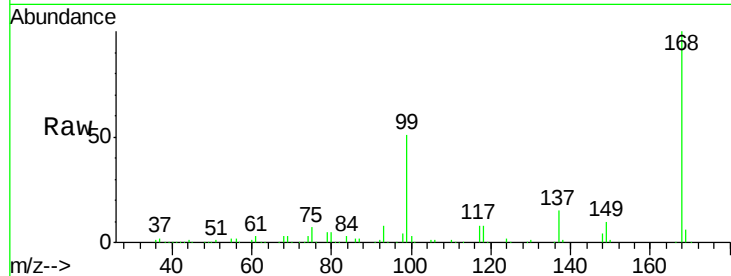
99 50.7 43.0 64.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.748 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010058.D

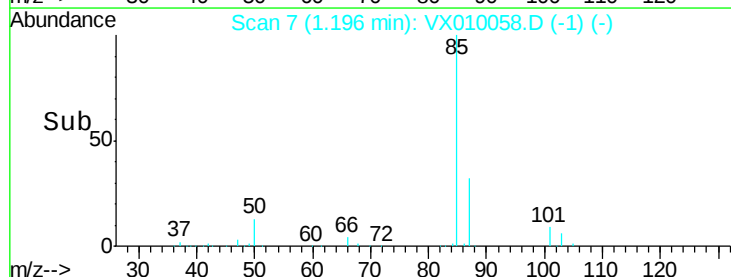
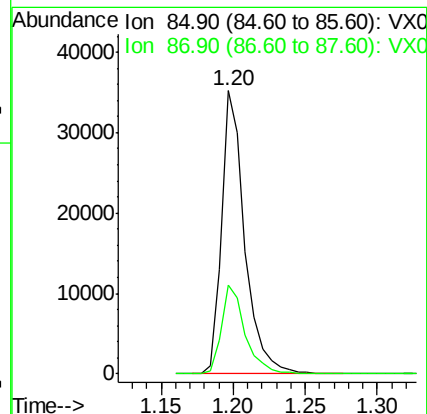
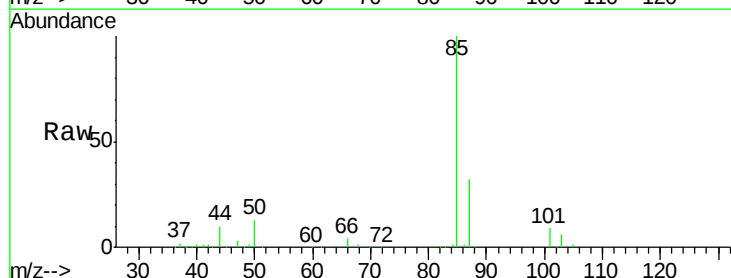
Acq: 04 Jun 2019 13:36

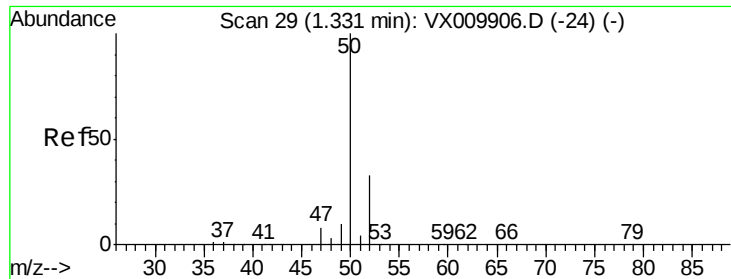
Tgt Ion: 85 Resp: 39587

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2





#3

Chloromethane

Concen: 17.618 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion: 50 Resp: 45193

Ion Ratio Lower Upper

50 100

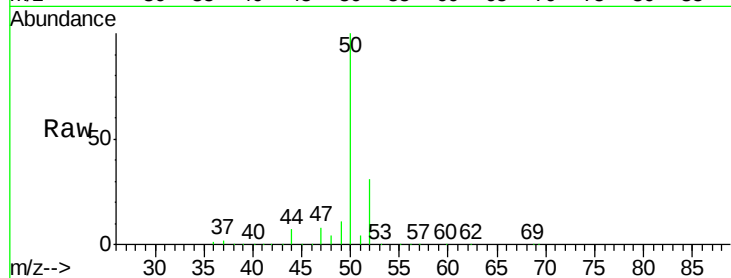
52 30.7 26.0 39.0

Manual Integrations

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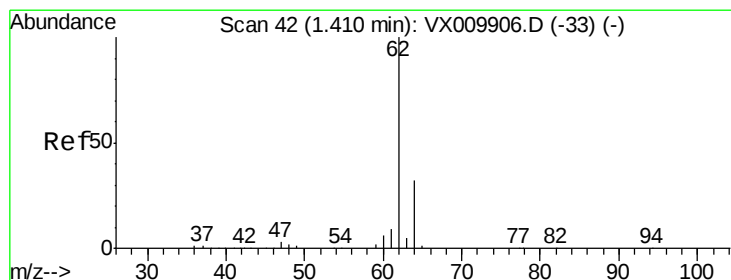
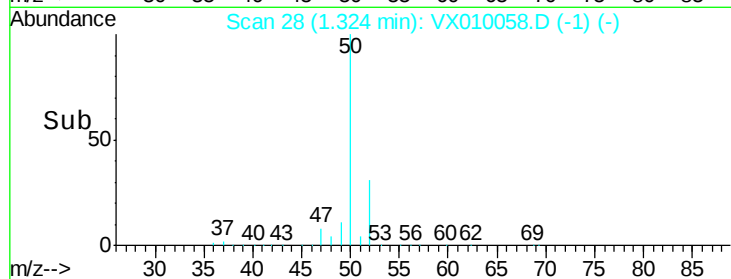
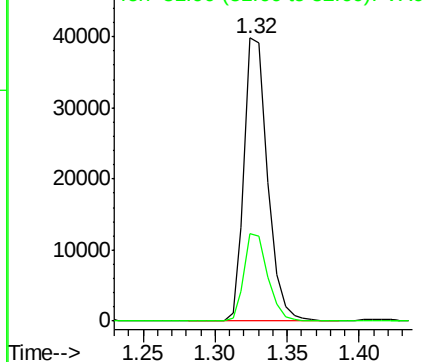
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.452 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010058.D

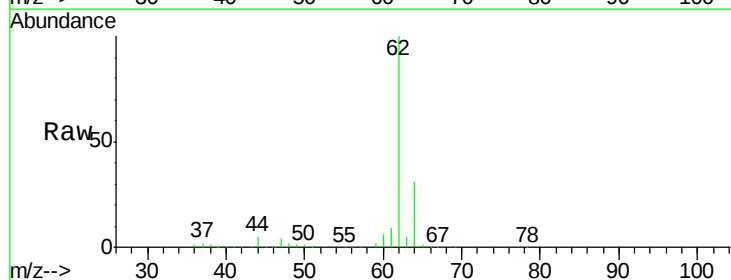
Acq: 04 Jun 2019 13:36

Tgt Ion: 62 Resp: 40355

Ion Ratio Lower Upper

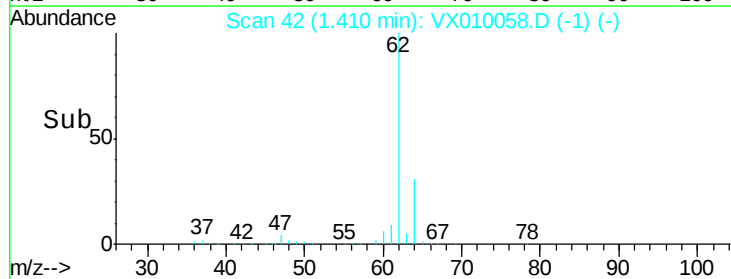
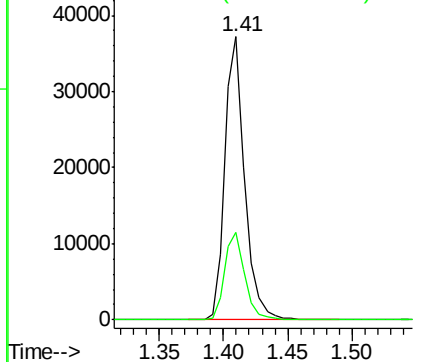
62 100

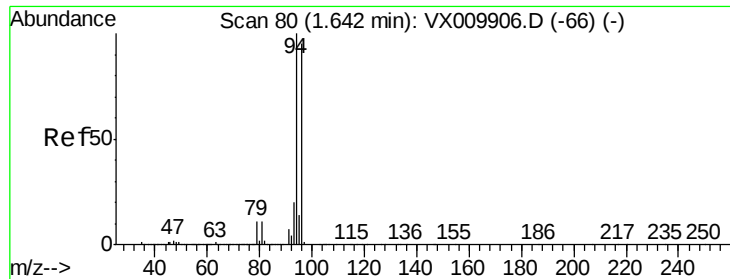
64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.829 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 94 Resp: 23577

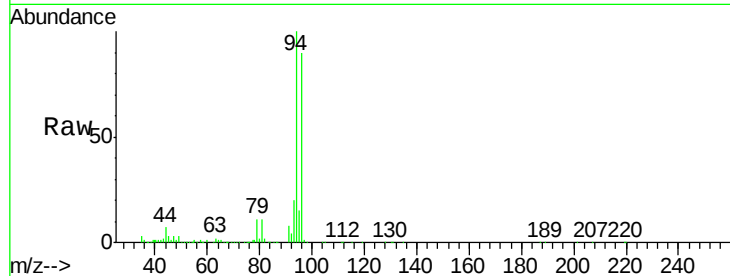
Ion Ratio Lower Upper

94 100

96 90.2 76.2 114.4

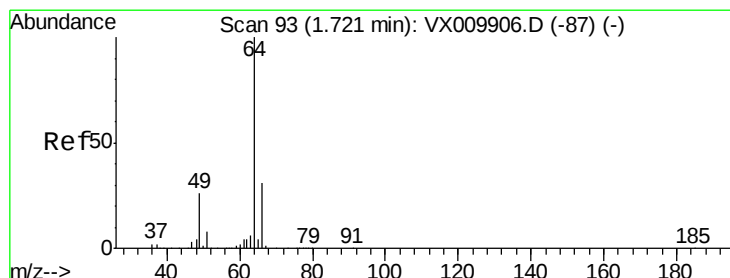
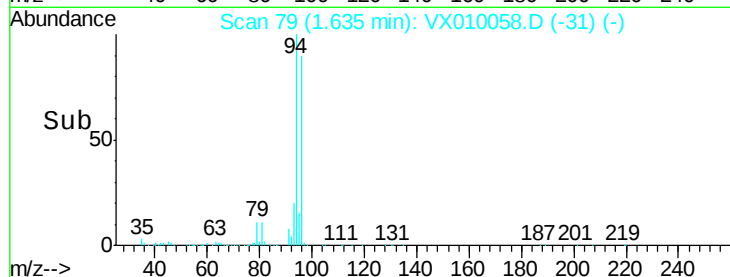
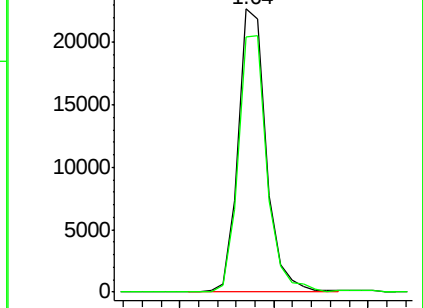
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.107 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010058.D

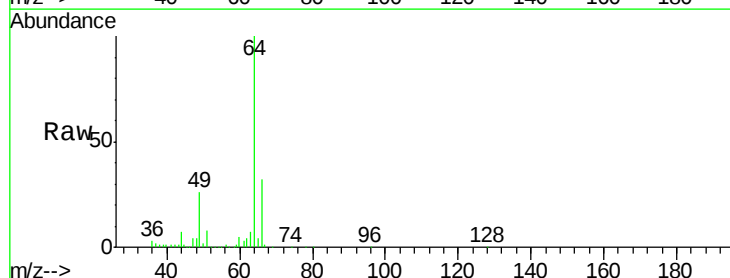
Acq: 04 Jun 2019 13:36

Tgt Ion: 64 Resp: 24351

Ion Ratio Lower Upper

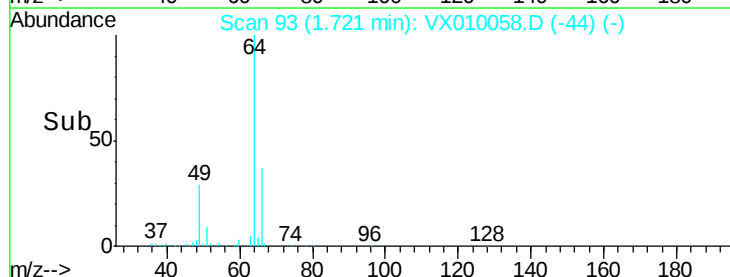
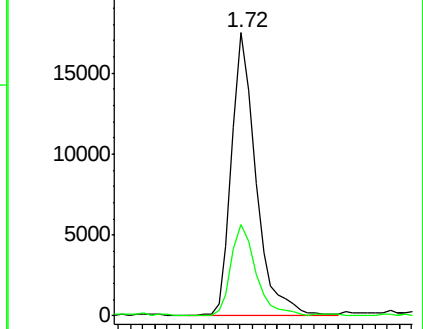
64 100

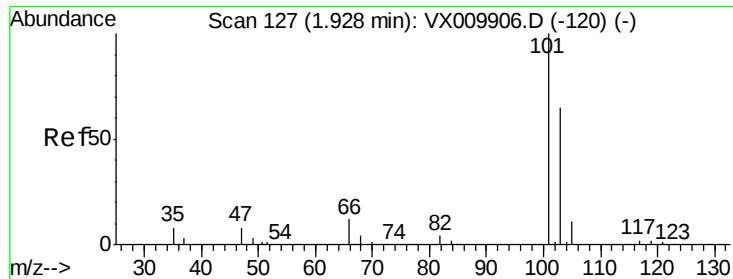
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

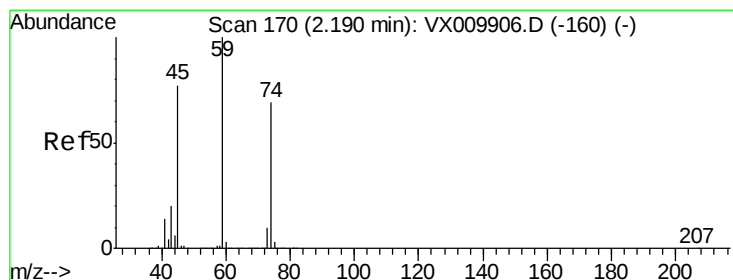
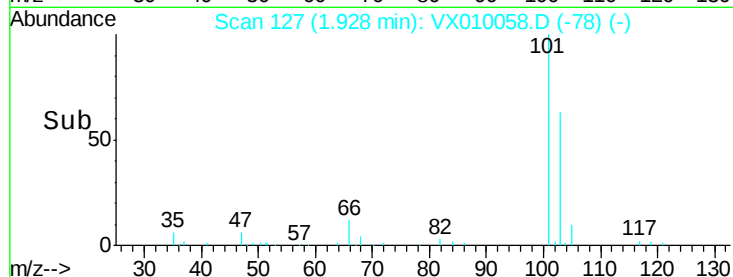
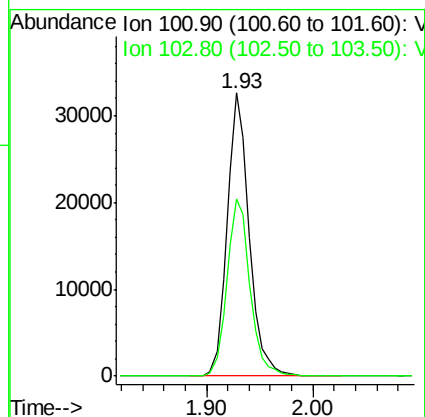
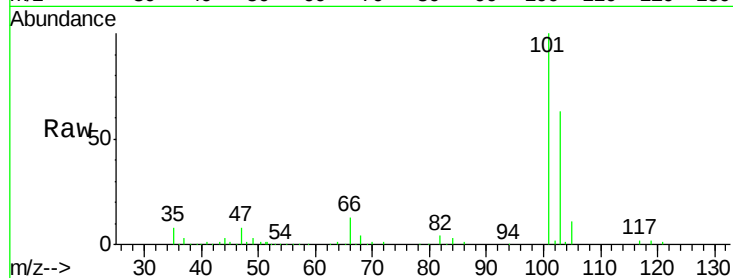
Trichlorofluoromethane
Concen: 18.503 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
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ClientSampleId :
VX0604WBSD01

Tot Ion:101 Resp: 47281
Ion Ratio Lower Upper
101 100
103 62.8 52.2 78.4

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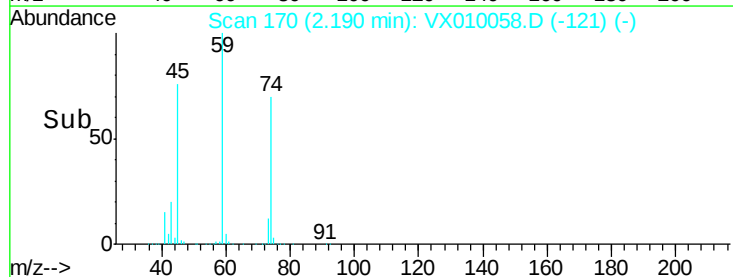
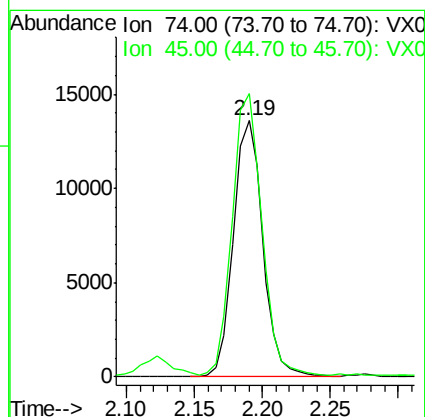
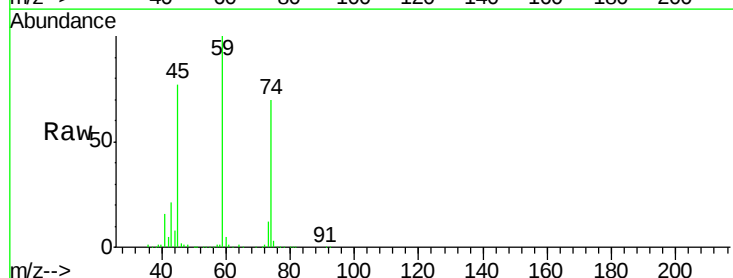
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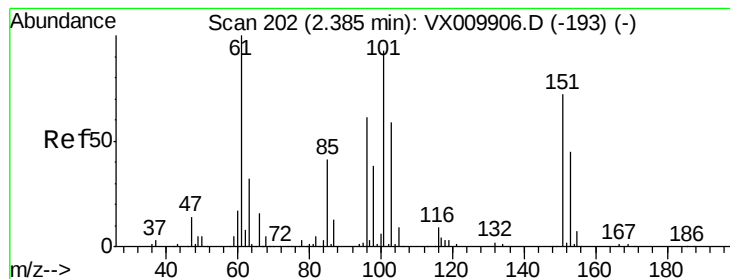


#8

Diethyl Ether
Concen: 17.114 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 74 Resp: 20550
Ion Ratio Lower Upper
74 100
45 109.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.003 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

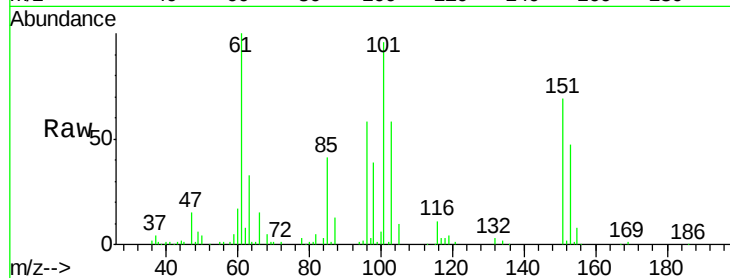
ClientSampleId :

VX0604WBSD01

Tot Ion:	101	Resp:	29316
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.2	52.8
151	78.4	61.9	92.9

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6/5/2019 9:26:40 AM

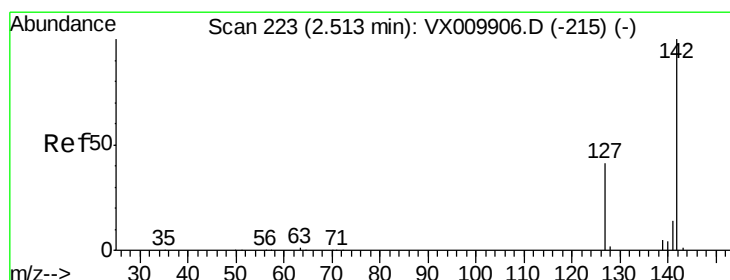
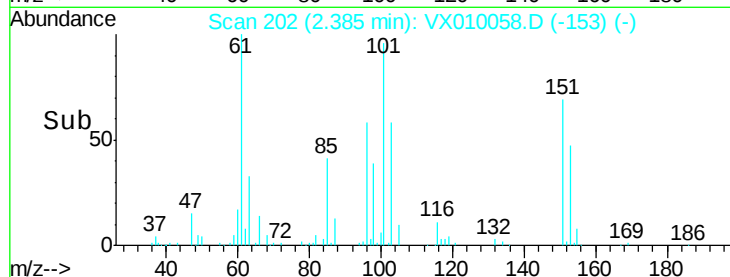
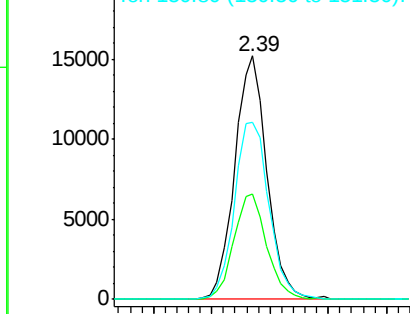


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.891 ug/l

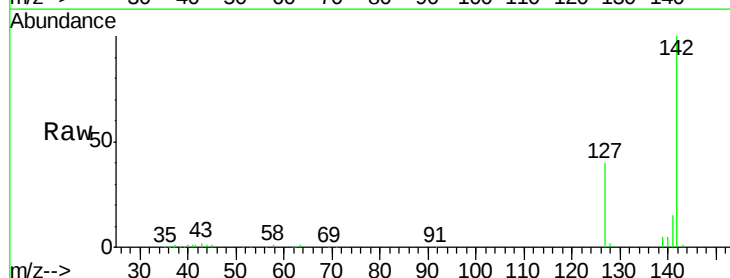
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	142	Resp:	32092
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.4
141	14.7	11.4	17.0

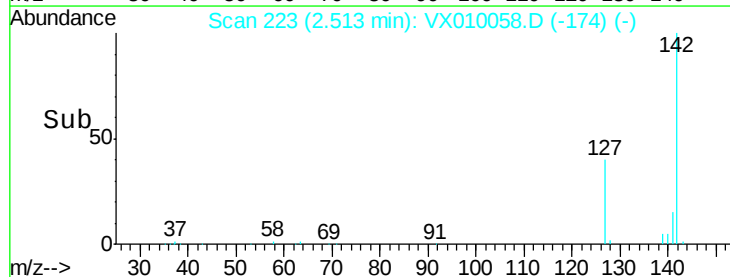
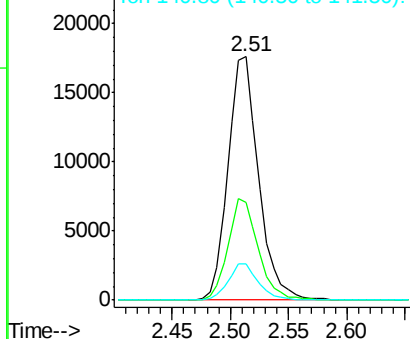


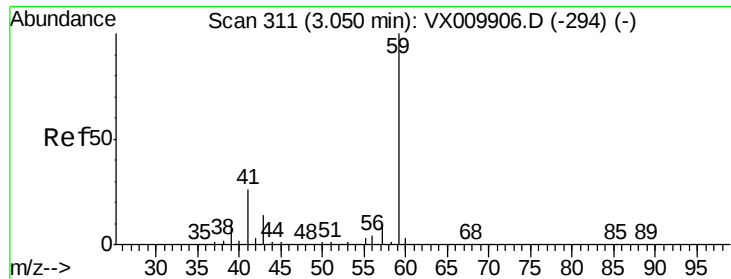
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





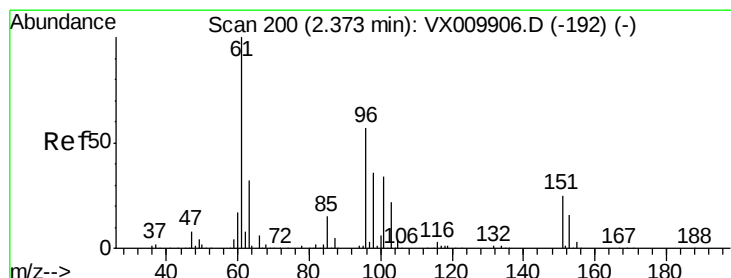
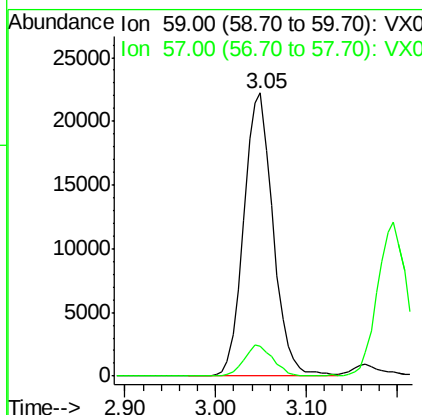
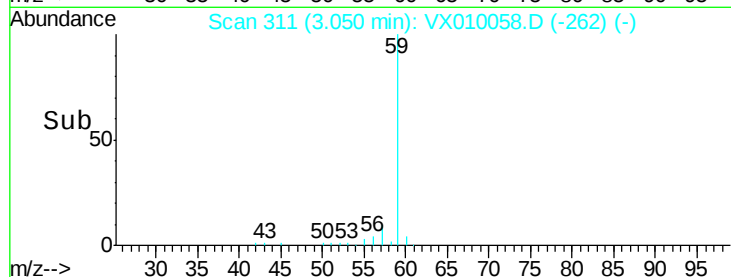
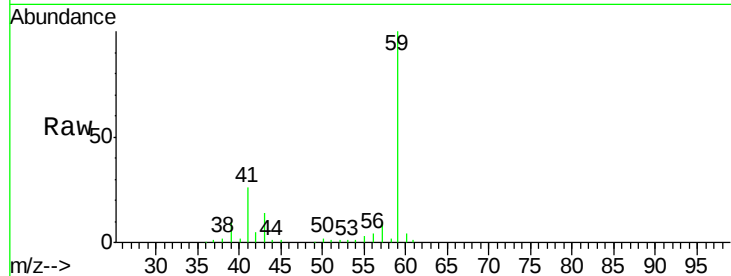
#11
Tert butyl alcohol
Concen: 91.468 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 59 Resp: 49650
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2

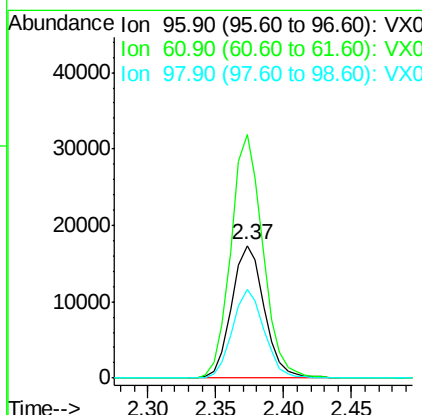
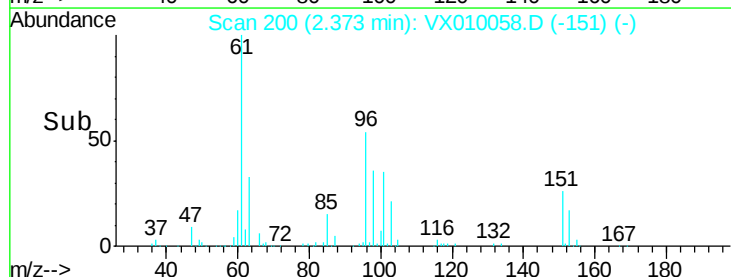
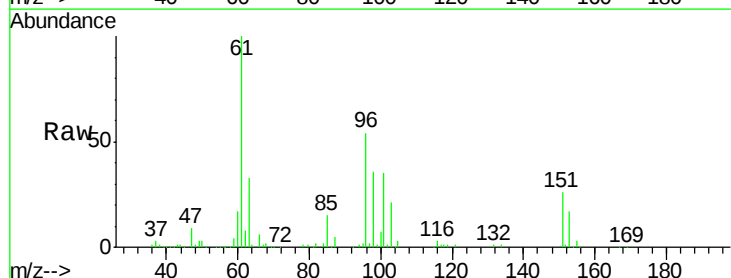
Manual Integrations
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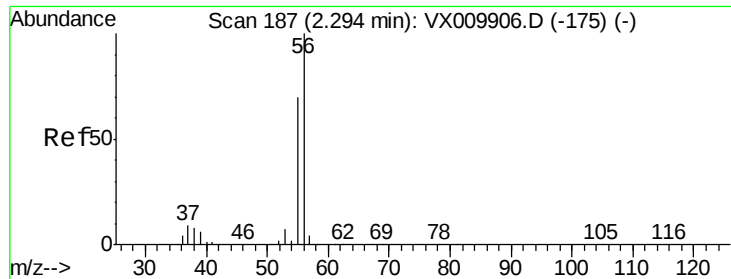
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.298 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 96 Resp: 28934
Ion Ratio Lower Upper
96 100
61 183.8 140.7 211.1
98 67.0 50.1 75.1





#13

Acrolein

Concen: 96.162 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 56 Resp: 31544

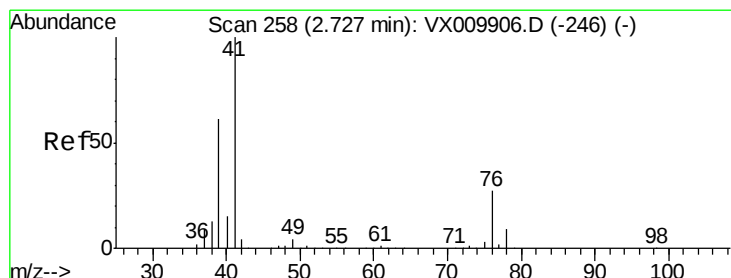
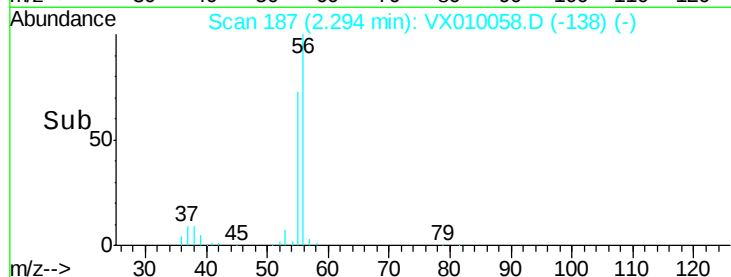
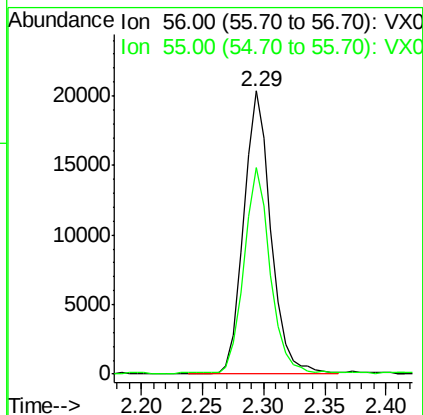
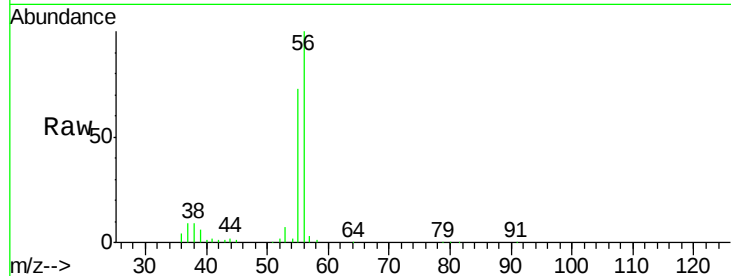
Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4

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#14

Allyl chloride

Concen: 18.261 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

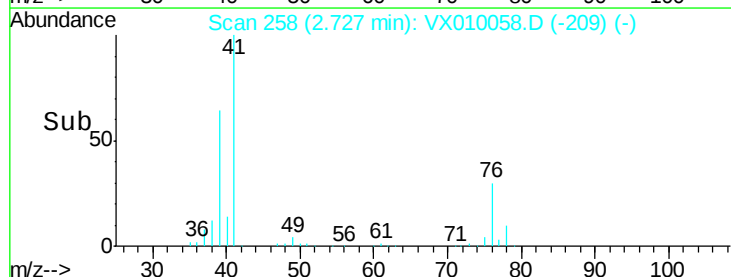
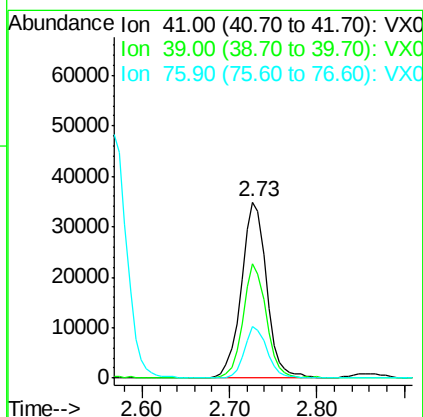
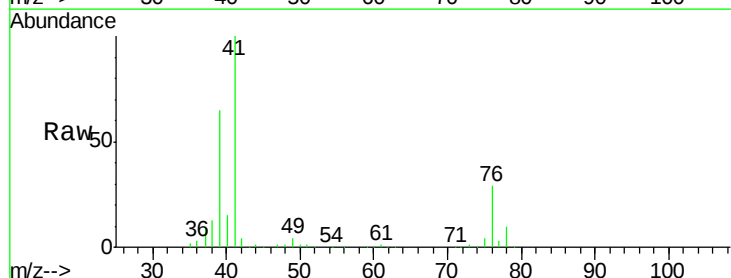
Tgt Ion: 41 Resp: 70184

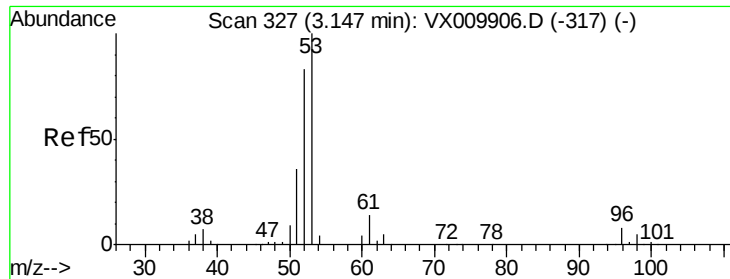
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 26.3 21.0 31.4





#15

Acrylonitrile

Concen: 92.405 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

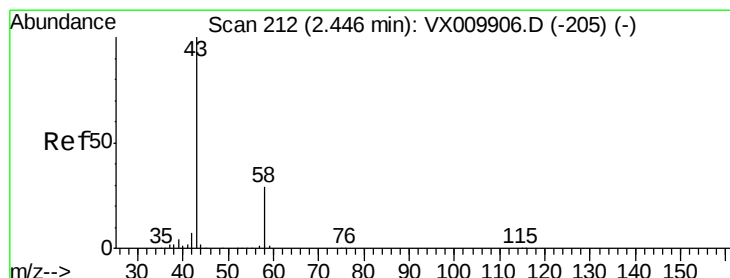
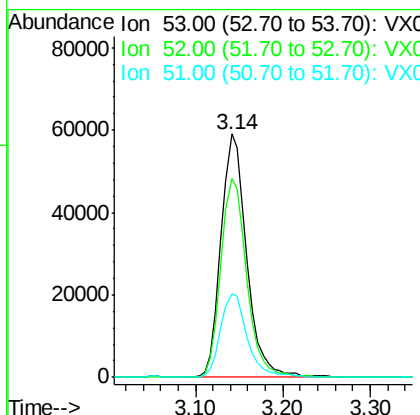
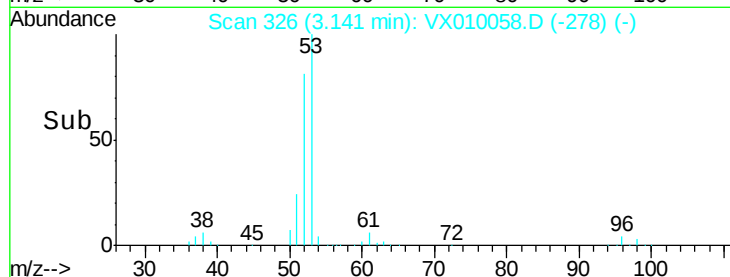
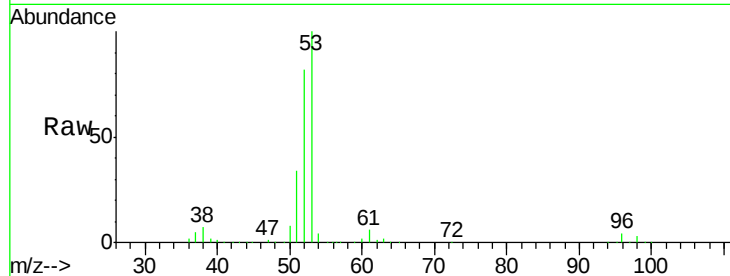
ClientSampleId :

VX0604WBSD01

Tot Ion:	53	Resp:	120855
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.7	100.1
51	35.2	28.8	43.2

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#16

Acetone

Concen: 87.806 ug/l

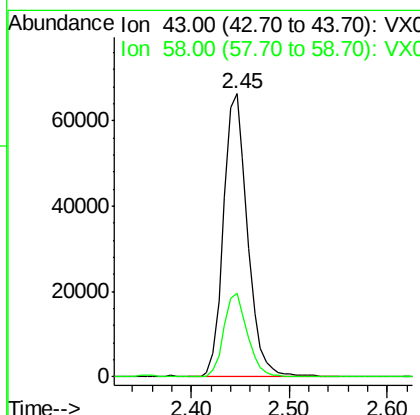
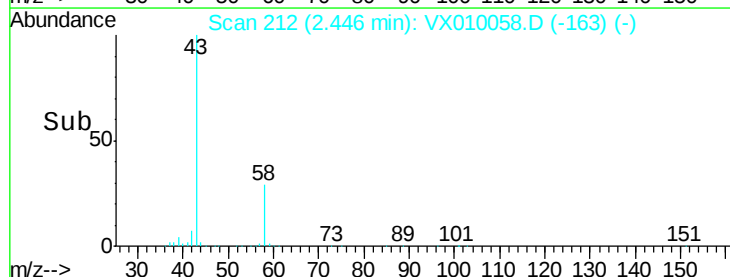
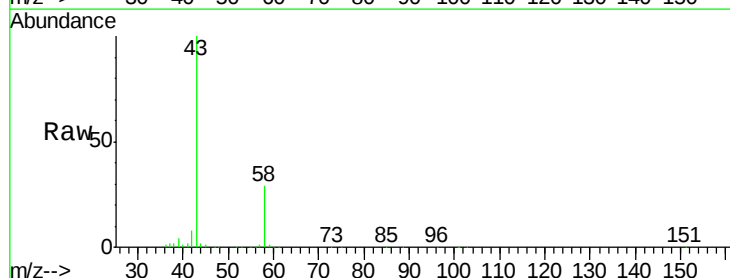
RT: 2.45 min Scan# 212

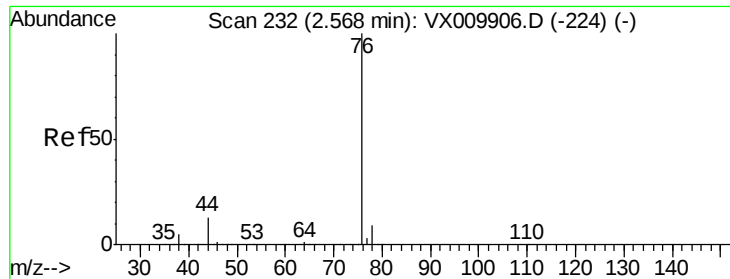
Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	43	Resp:	111898
Ion Ratio	Lower	Upper	
43	100		
58	29.4	23.2	34.8





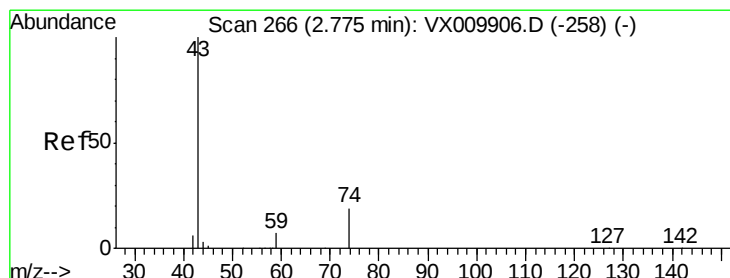
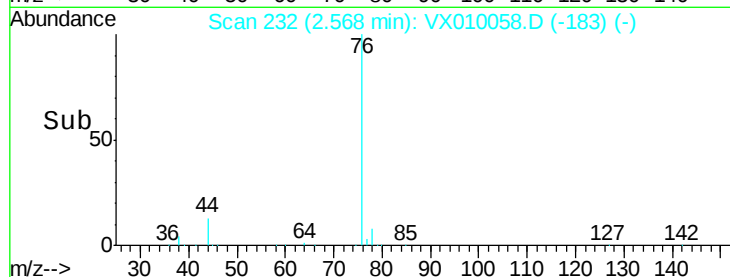
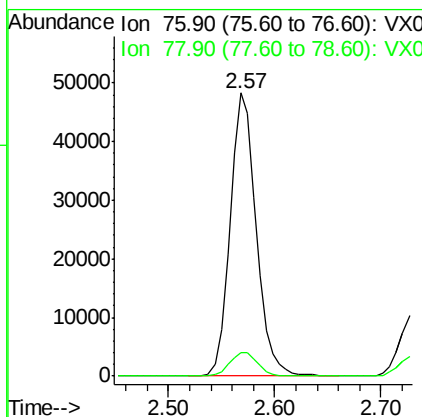
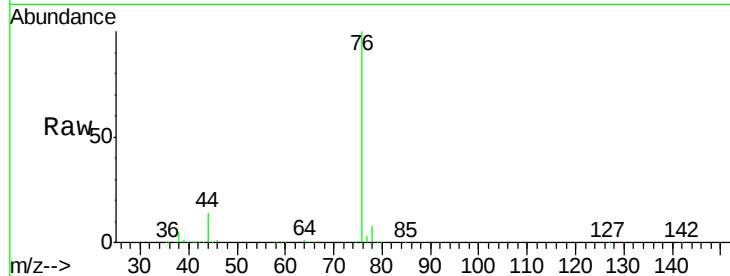
#17
Carbon Disulfide
Concen: 17.557 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 76 Resp: 82861
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

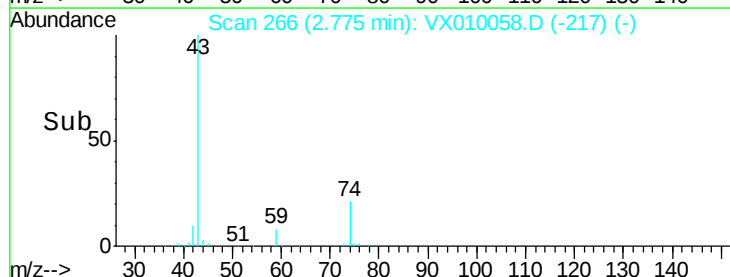
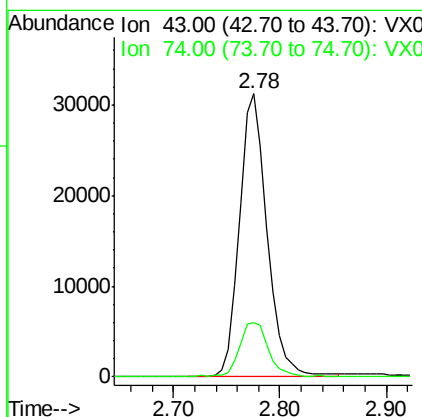
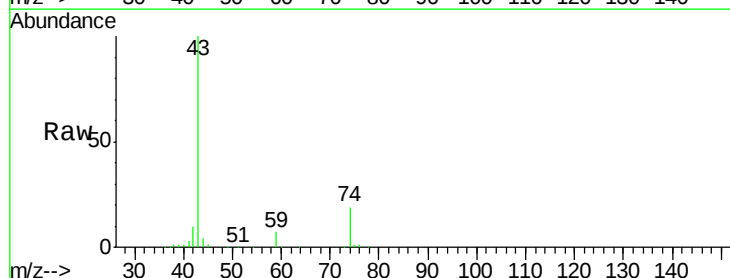
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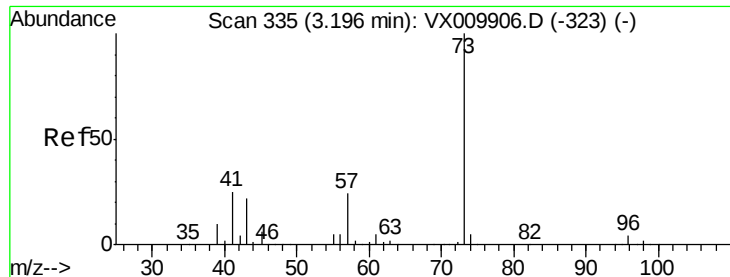
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#18
Methyl Acetate
Concen: 19.112 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 43 Resp: 56672
Ion Ratio Lower Upper
43 100
74 20.6 15.8 23.6





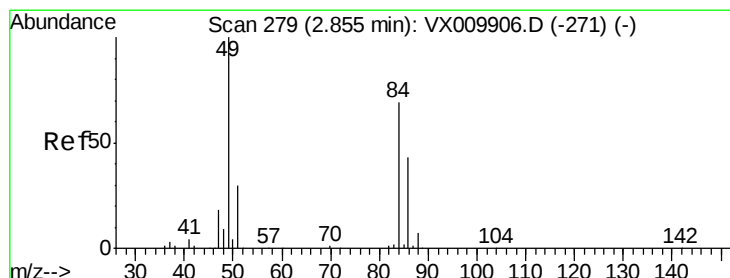
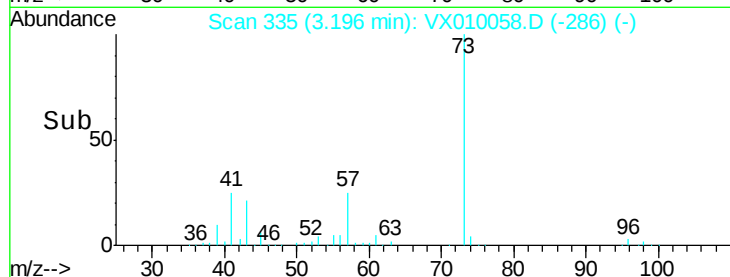
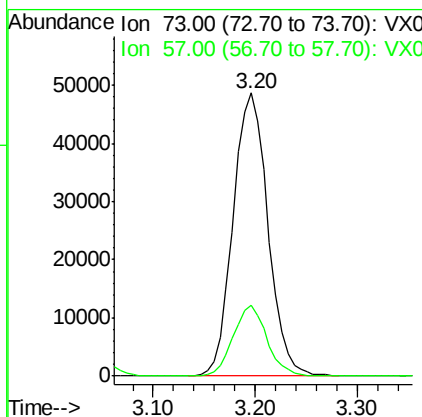
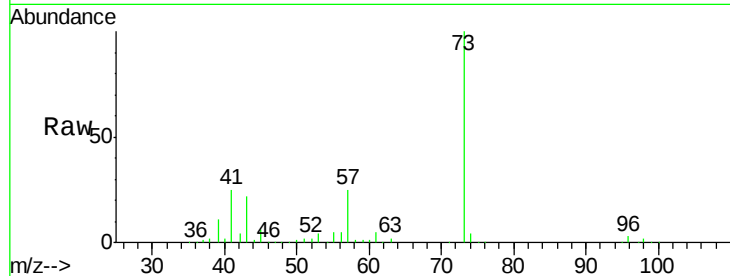
#19
Methvl tert-butvl Ether
Concen: 19.296 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 73 Resp: 115197
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2

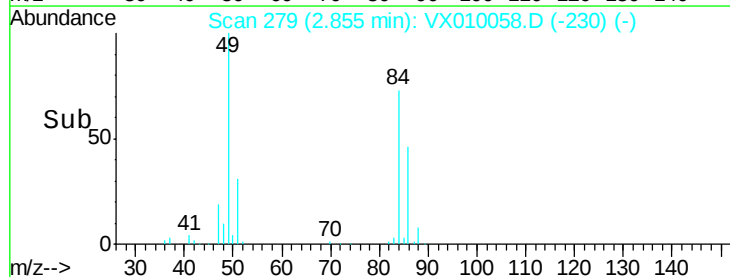
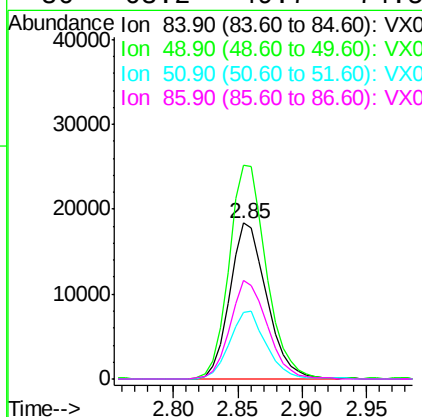
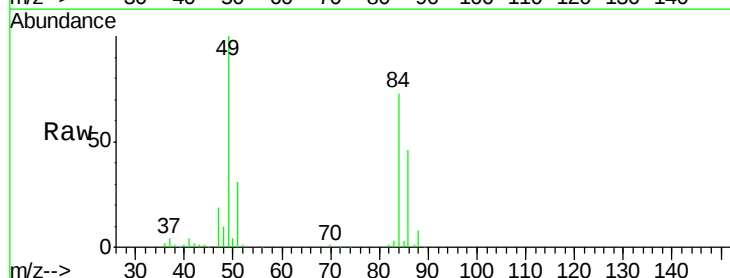
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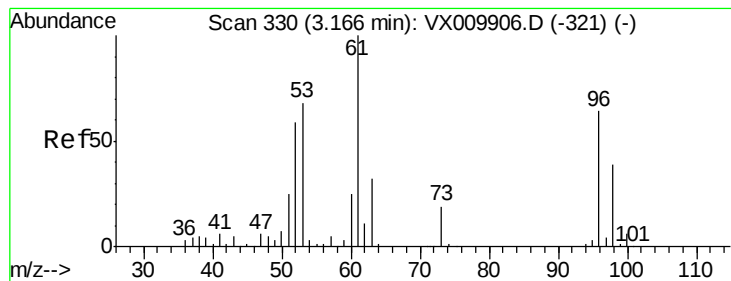
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#20
Methylene Chloride
Concen: 18.783 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 84 Resp: 36656
Ion Ratio Lower Upper
84 100
49 137.1 115.8 173.6
51 42.2 34.4 51.6
86 63.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.518 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 96 Resp: 32582

Ion Ratio Lower Upper

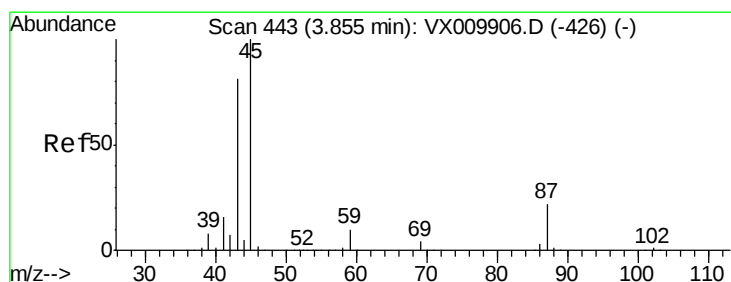
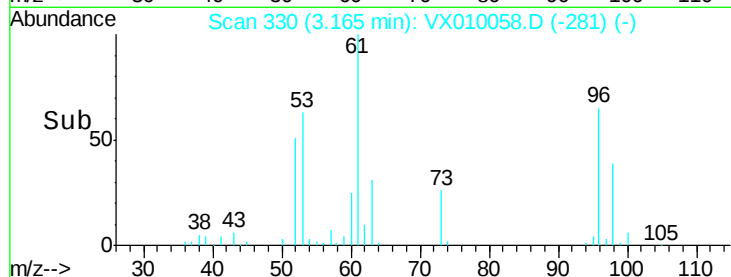
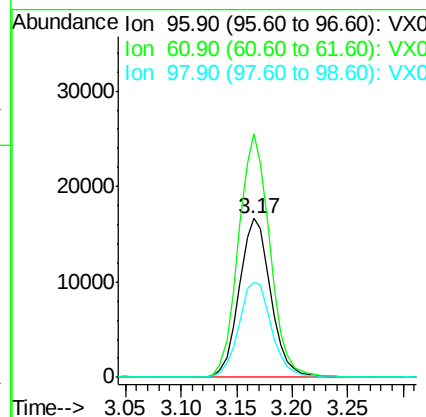
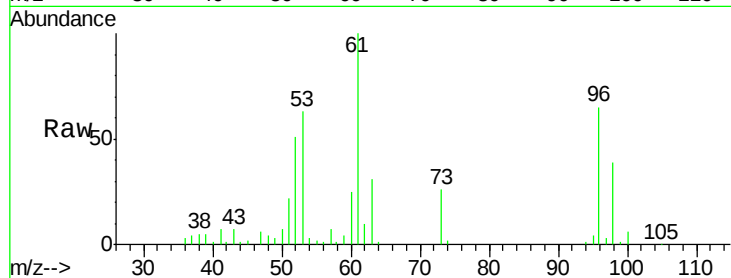
96 100

61 153.2 125.7 188.5

98 59.6 49.0 73.6

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#22

Diisopropyl ether

Concen: 19.105 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion: 45 Resp: 139707

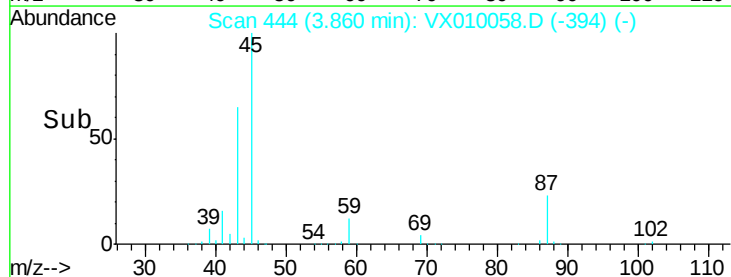
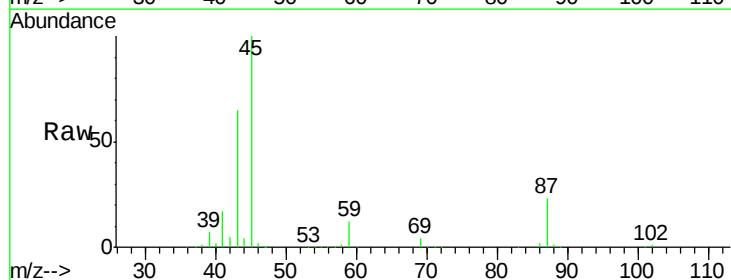
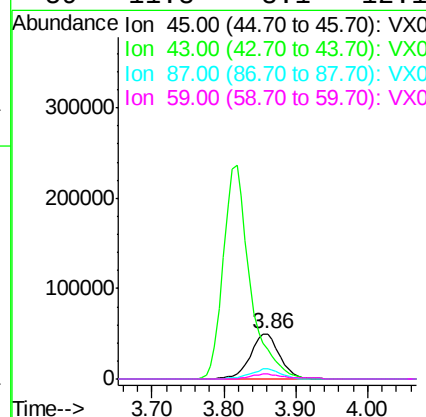
Ion Ratio Lower Upper

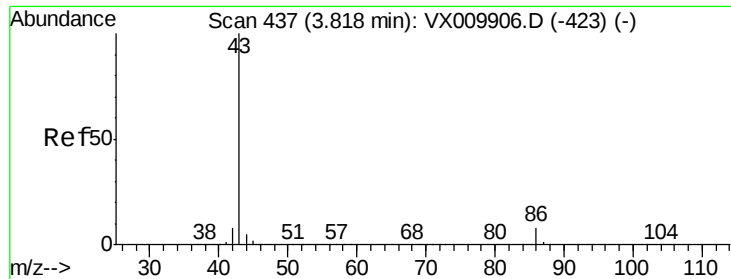
45 100

43 64.9 65.0 97.4#

87 23.3 17.3 25.9

59 11.8 8.1 12.1





#23

Vinyl Acetate

Concen: 93.313 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleID :

VX0604WBSD01

Tot Ion: 43 Resp: 613012

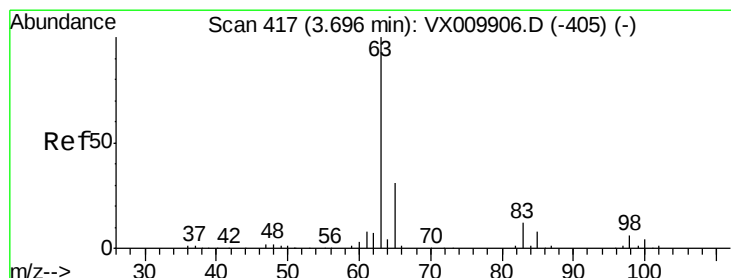
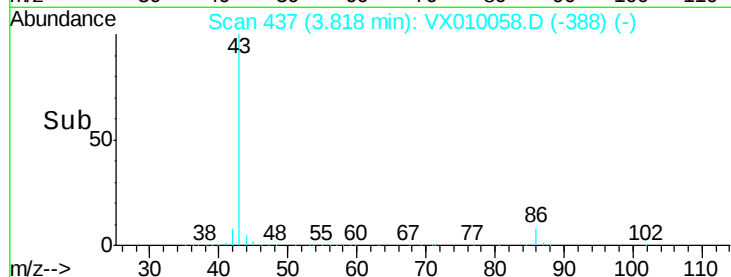
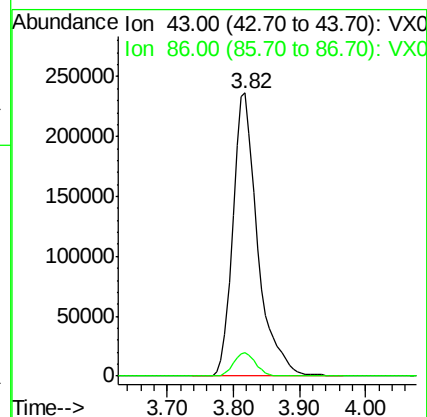
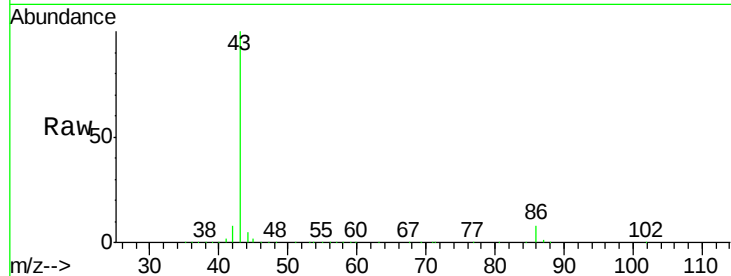
Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 18.955 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

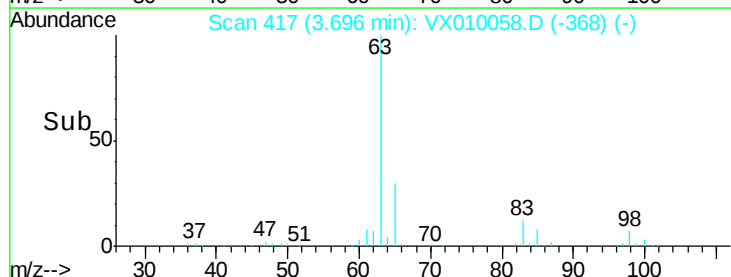
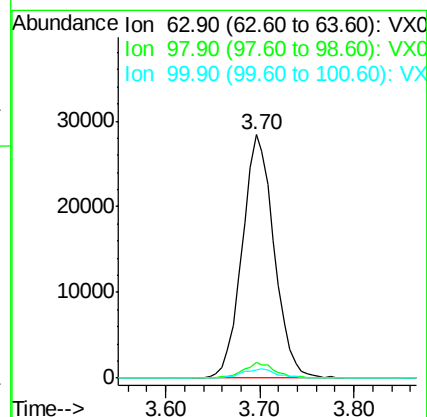
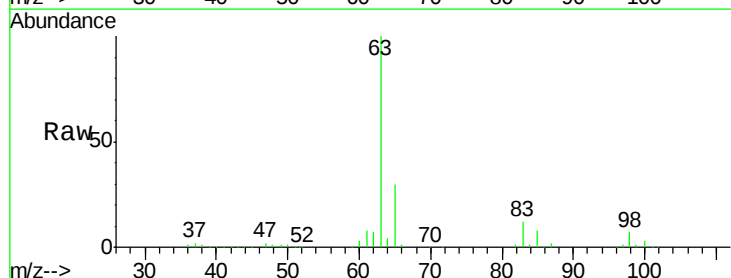
Tgt Ion: 63 Resp: 67176

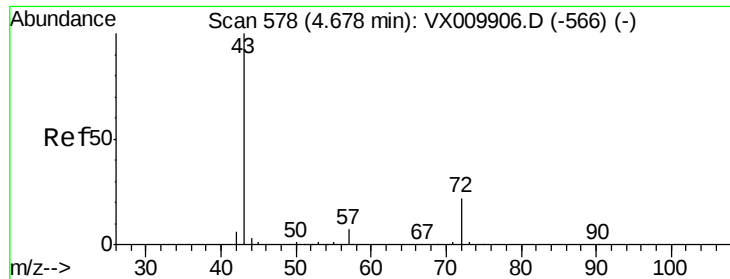
Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 3.4 1.8 5.4





#25

2-Butanone

Concen: 91.480 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion: 43 Resp: 181630

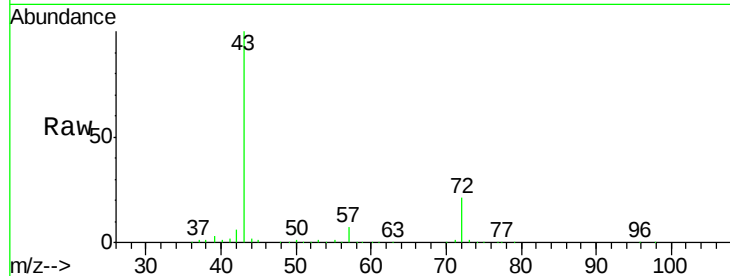
Ion Ratio Lower Upper

43 100

72 21.0 17.5 26.3

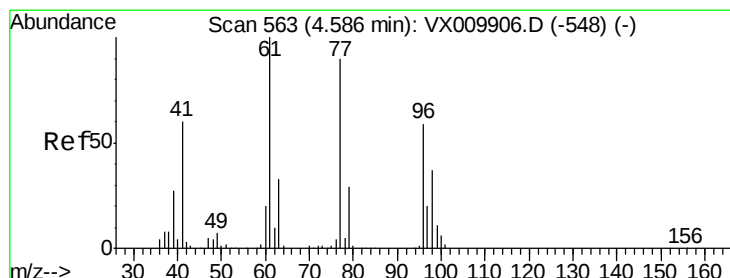
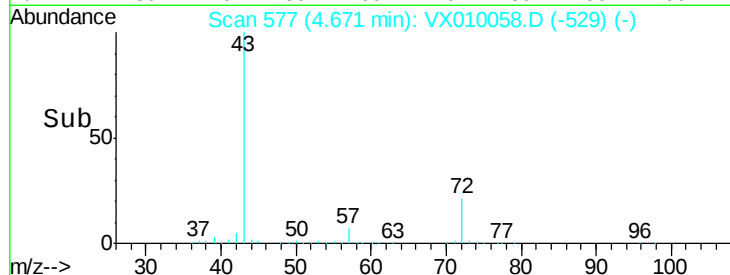
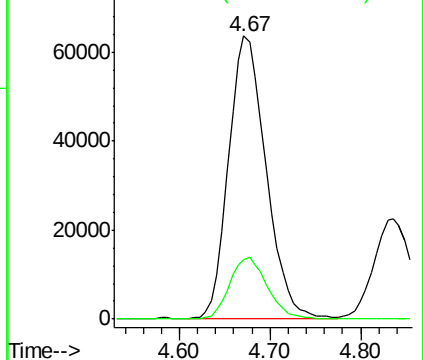
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.657 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010058.D

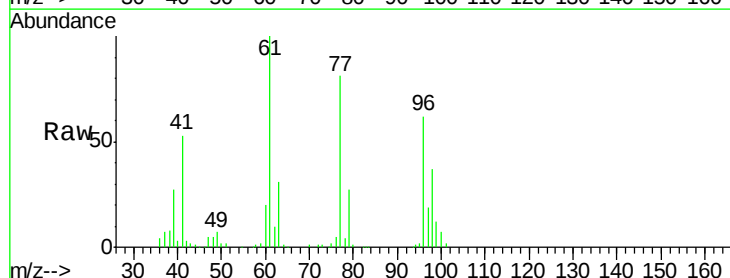
Acq: 04 Jun 2019 13:36

Tgt Ion: 77 Resp: 47334

Ion Ratio Lower Upper

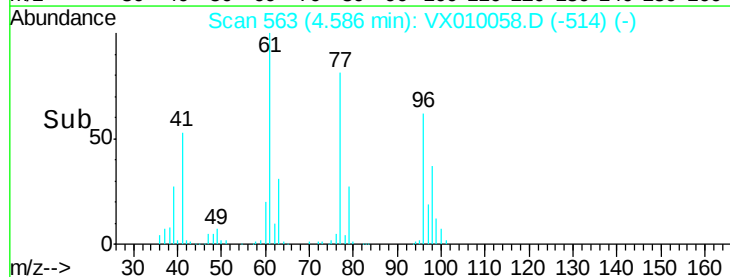
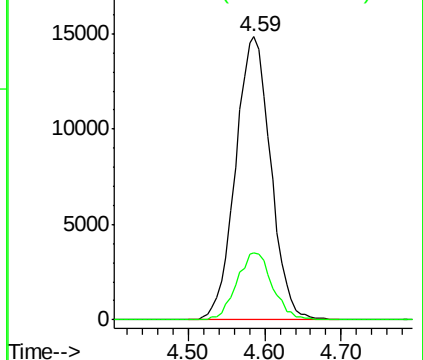
77 100

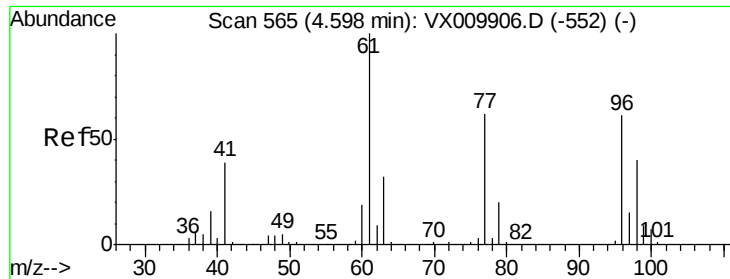
97 23.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

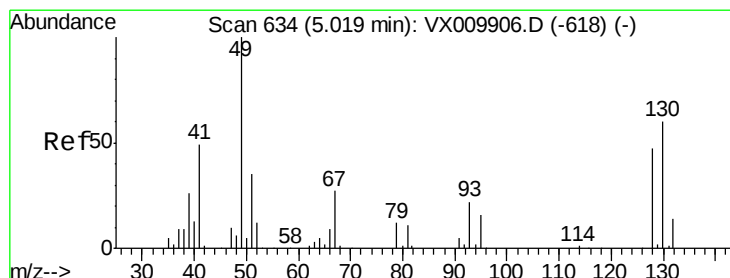
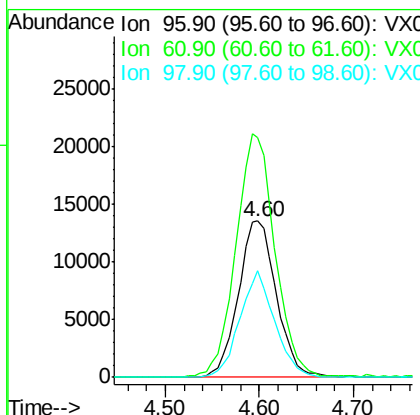
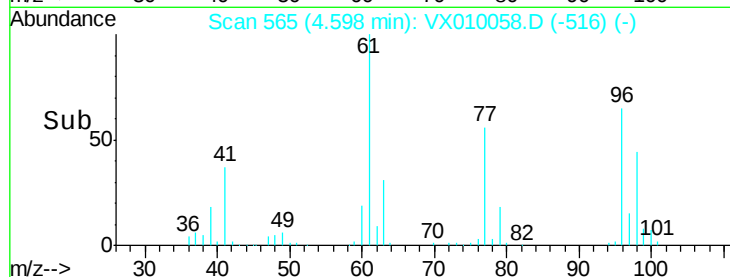
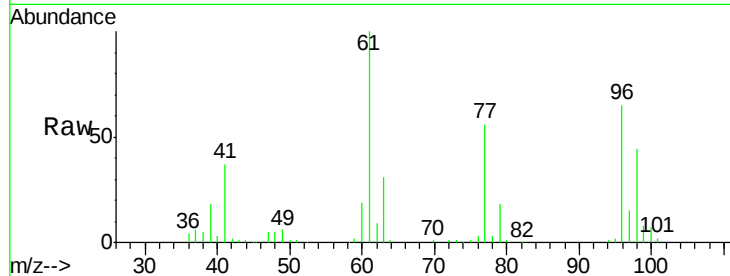
cis-1,2-Dichloroethene
Concen: 18.860 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	38305		
61	159.5	0.0	334.0	
98	62.3	0.0	131.6	

Manual Integrations
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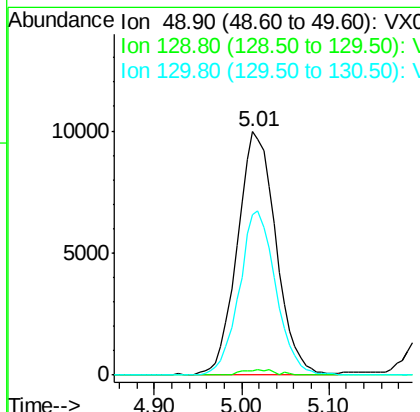
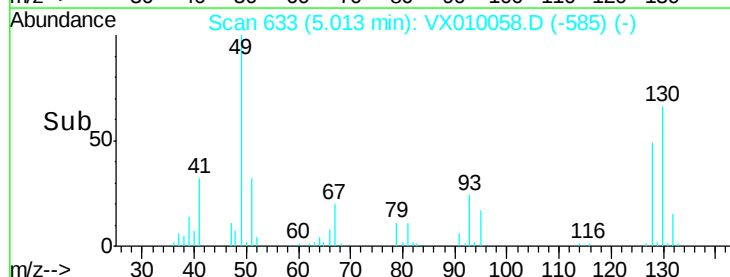
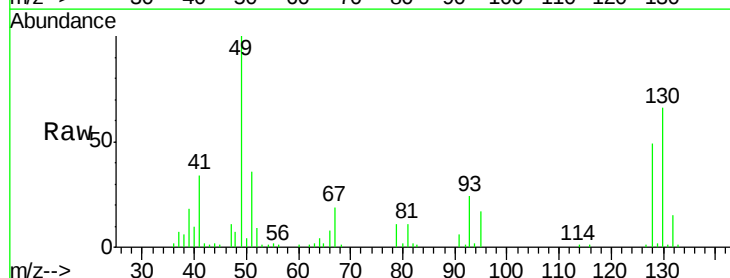
MMDadoda
6/5/2019 9:26:40 AM

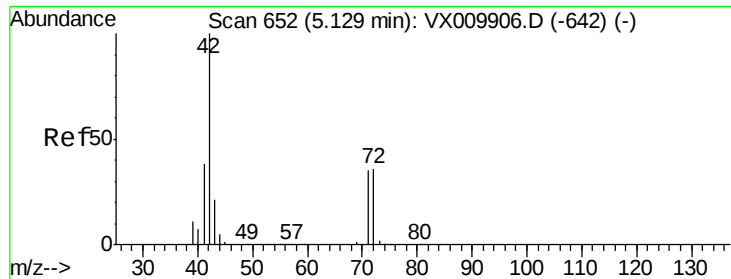


#28

Bromochloromethane
Concen: 16.668 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30653		
129	1.7	0.0	3.4	
130	63.7	49.4	74.2	





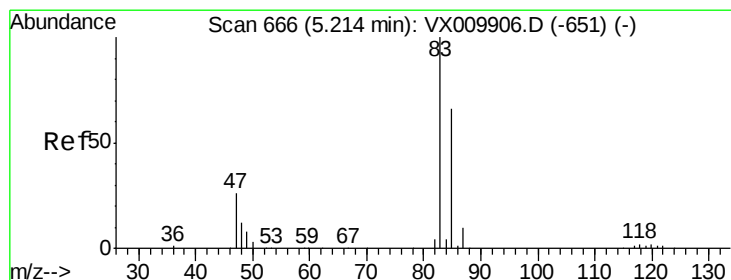
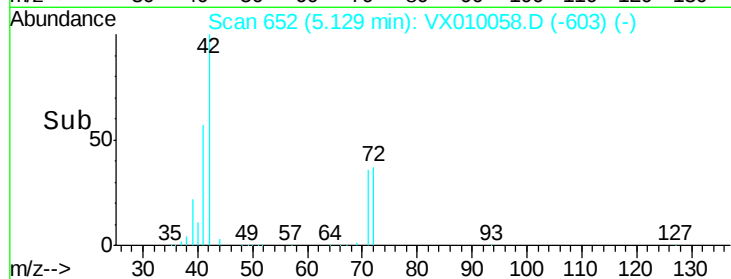
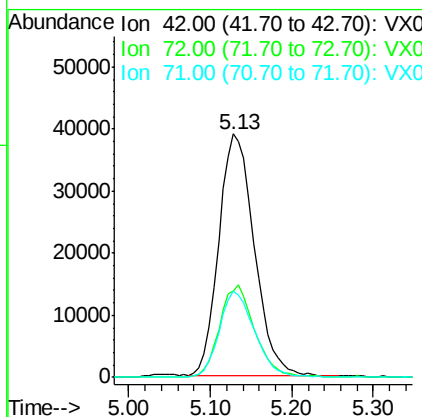
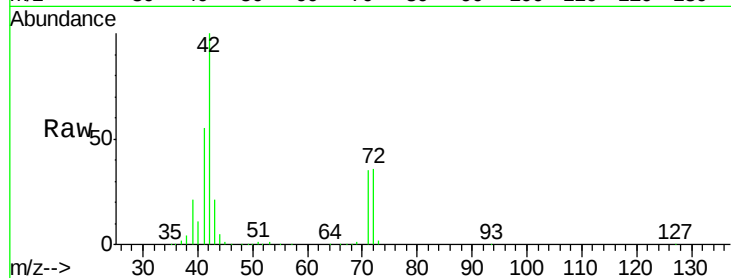
#29
Tetrahydrofuran
Concen: 92.883 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	29.2	43.8
71	35.5	27.6	41.4

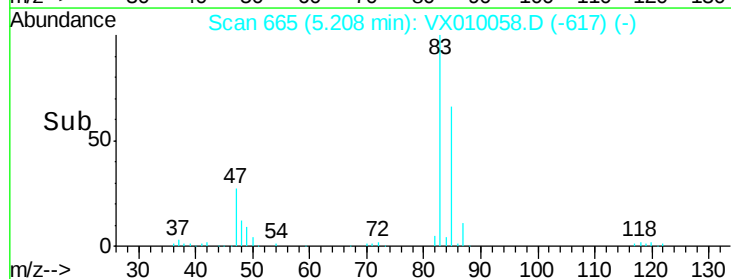
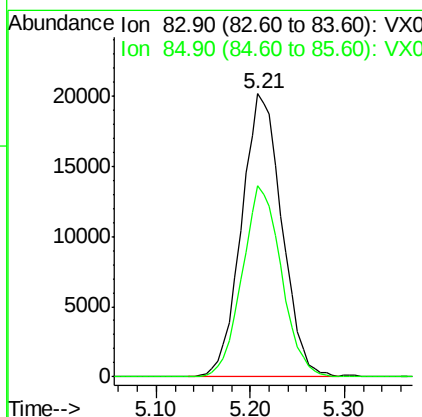
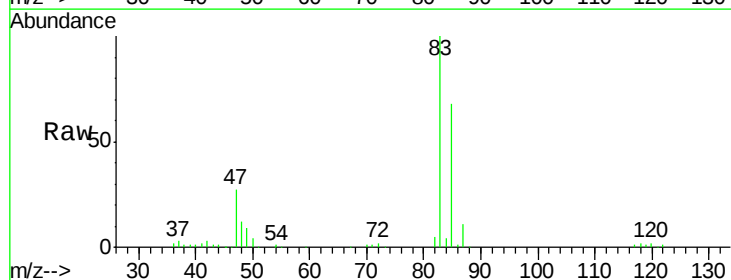
Manual Integrations
APPROVED

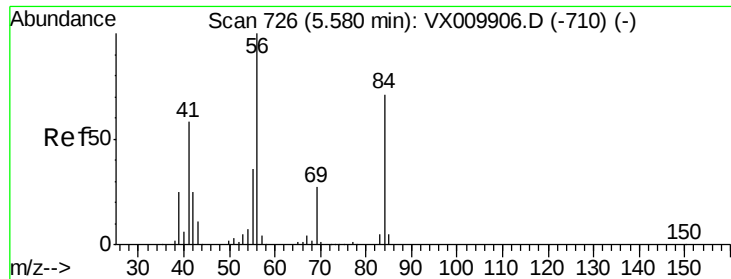
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#30
Chloroform
Concen: 18.783 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.6	78.8





#31

Cyclohexane

Concen: 18.852 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

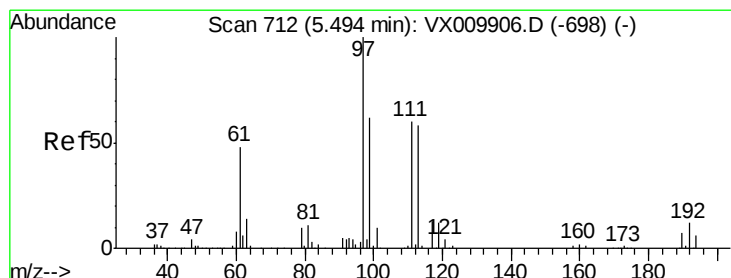
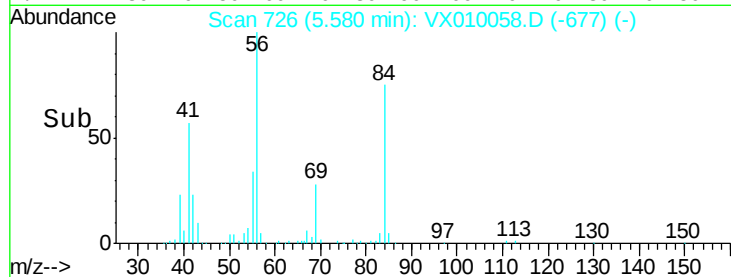
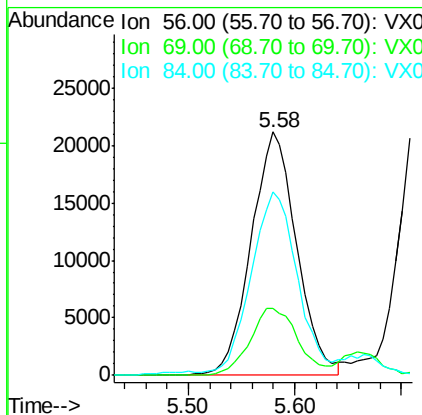
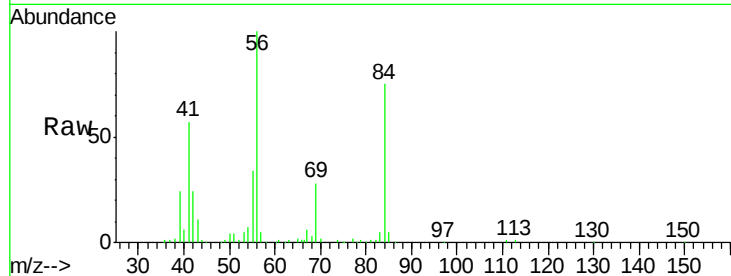
ClientSampleId :

VX0604WBSD01

Tot Ion:	56	Resp:	63277
Ion	Ratio	Lower	Upper
56	100		
69	27.7	21.6	32.4
84	73.6	56.8	85.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.745 ug/l

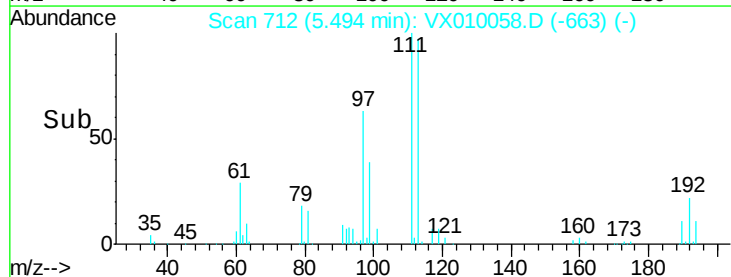
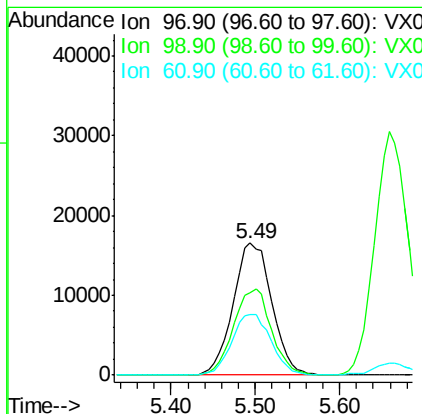
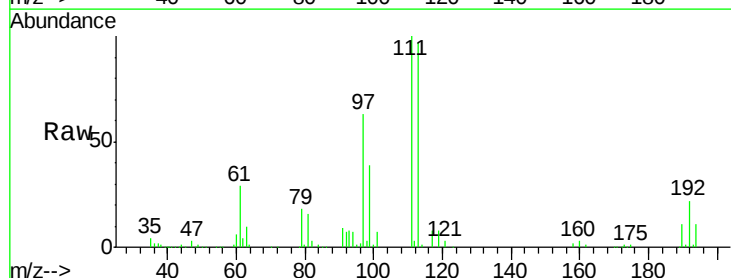
RT: 5.49 min Scan# 712

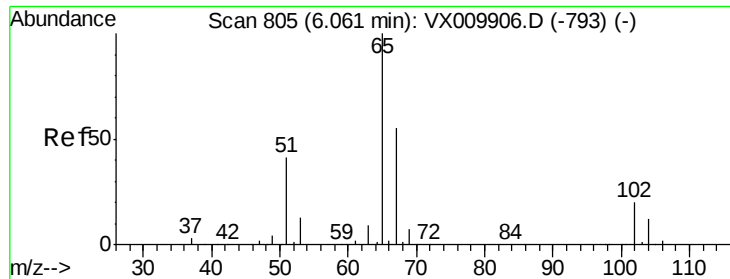
Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	97	Resp:	51393
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	47.3	38.7	58.1





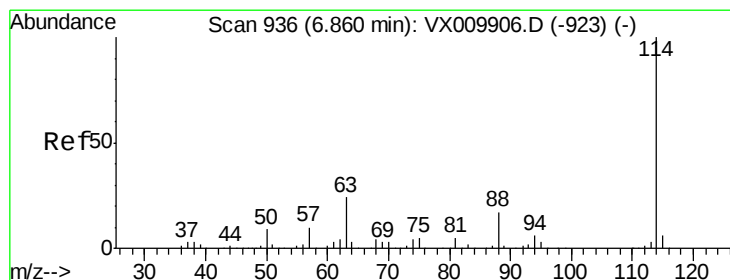
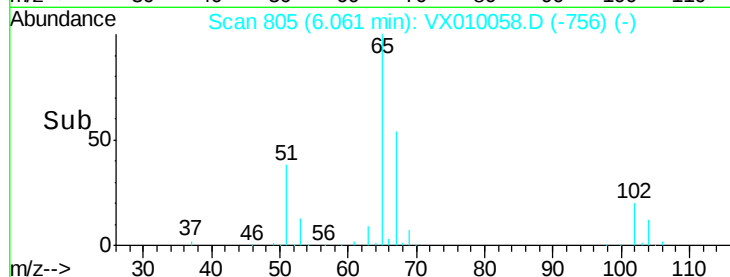
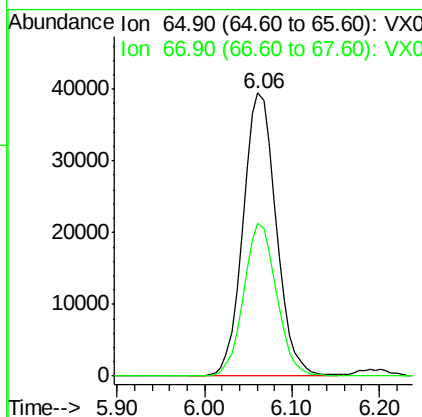
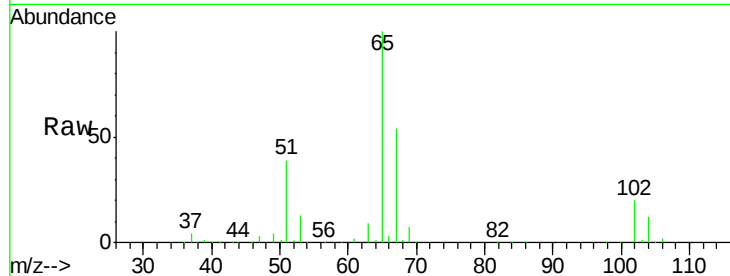
#33
 1,2-Dichloroethane-d4
 Concen: 47.137 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	108.4	

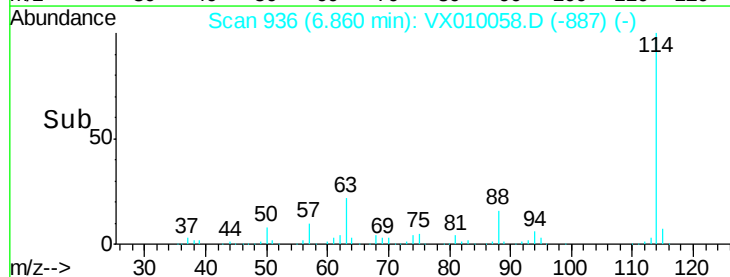
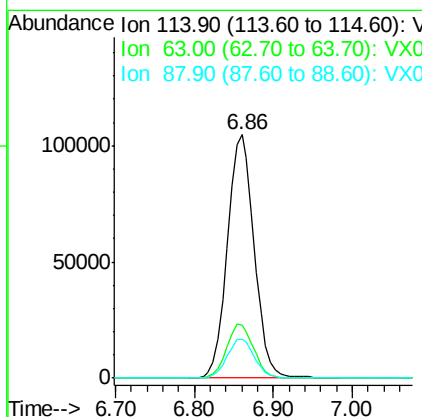
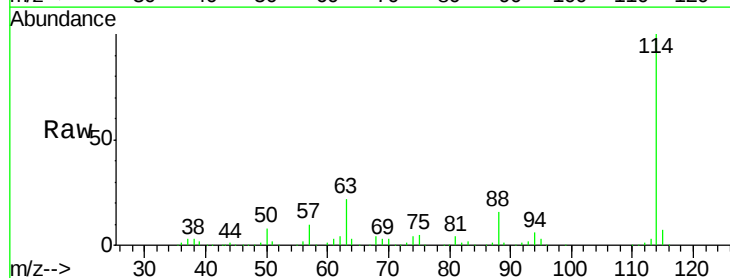
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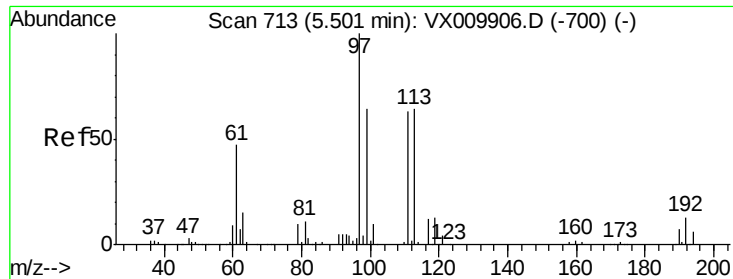
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	47.4	
88	16.2	0.0	33.0	





#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

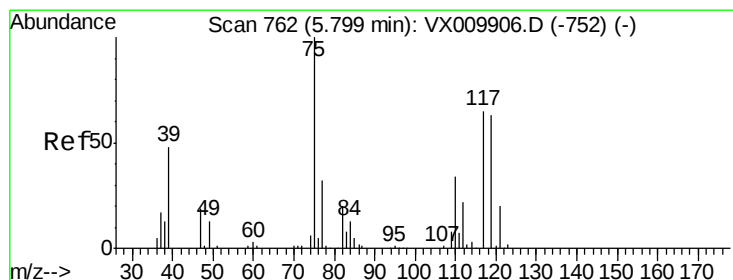
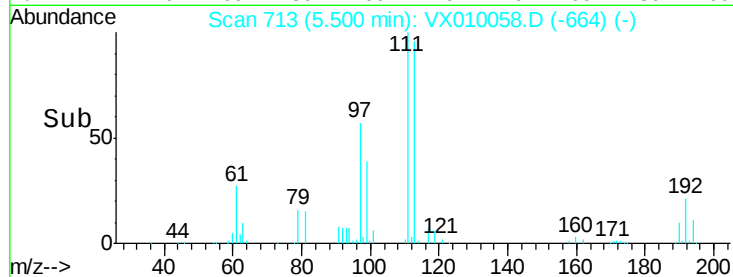
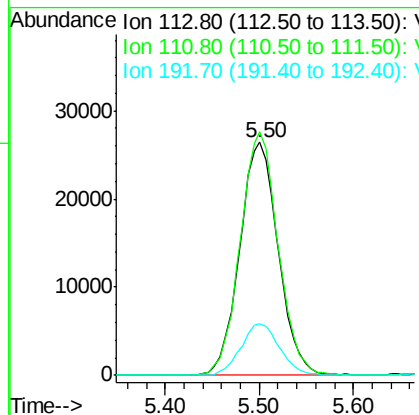
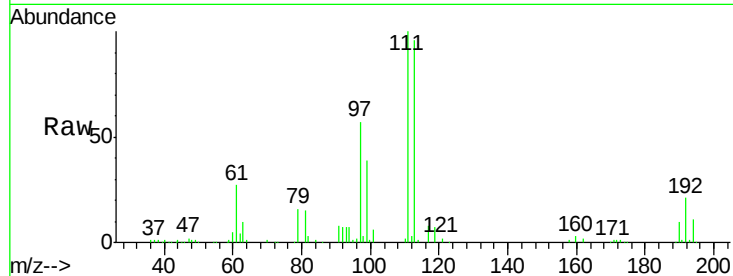
ClientSampled :

VX0604WBSD01

Tot Ion:	113	Resp:	75497
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	22.4	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.680 ug/l

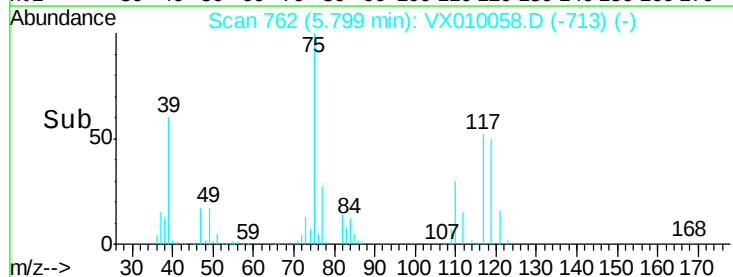
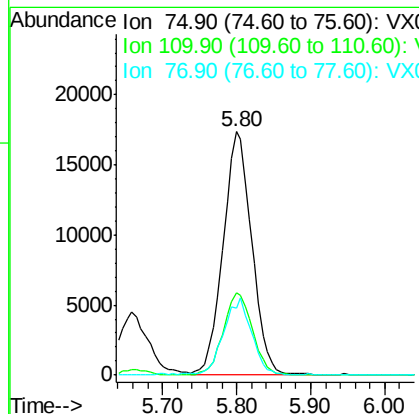
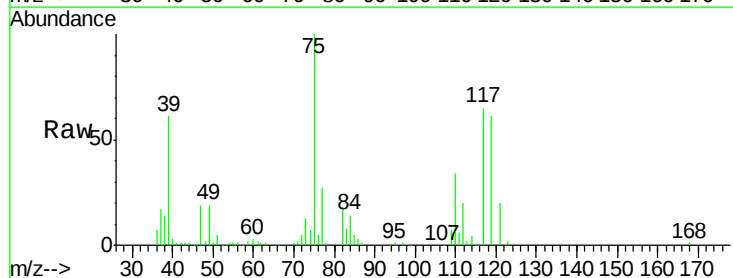
RT: 5.80 min Scan# 762

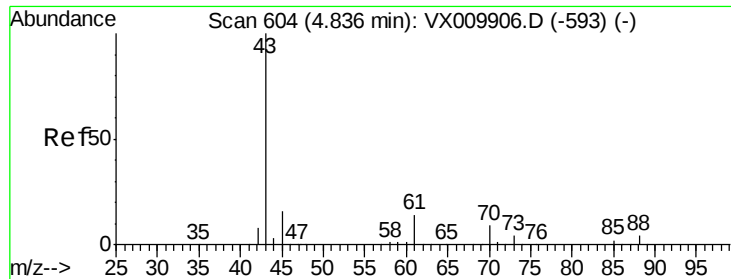
Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	75	Resp:	46807
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	31.0	25.0	37.4





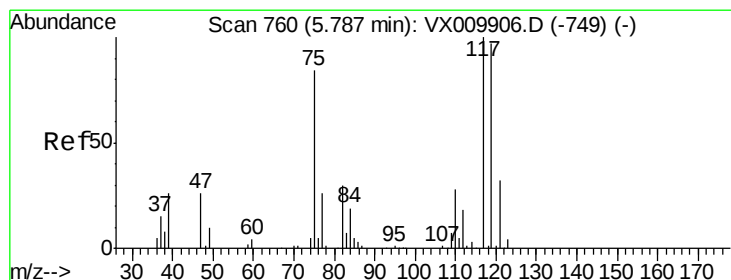
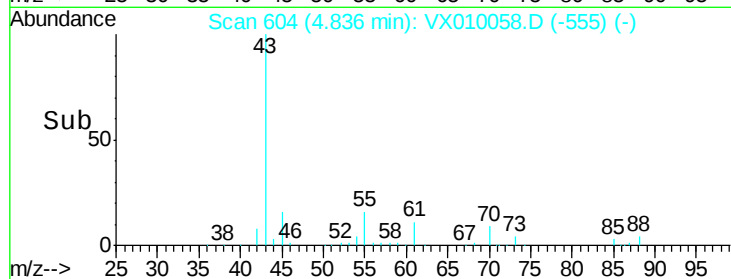
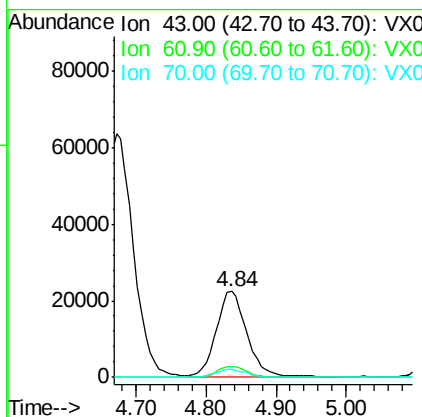
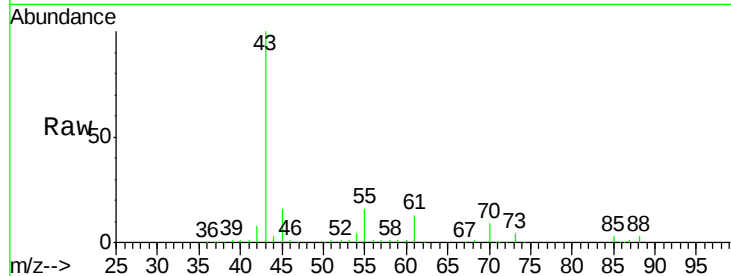
#37
Ethyl Acetate
Concen: 19.227 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.2
70	9.4	7.4	11.2

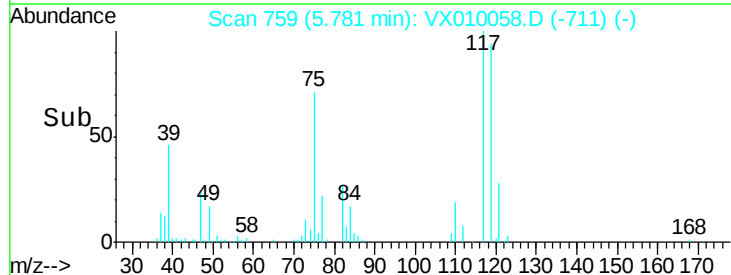
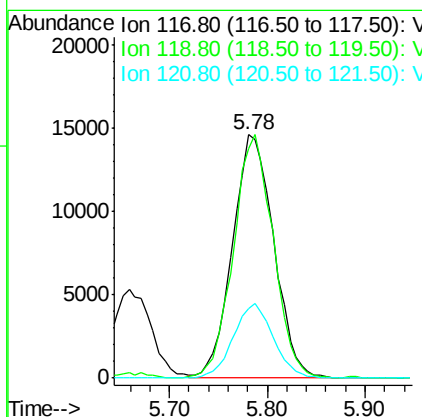
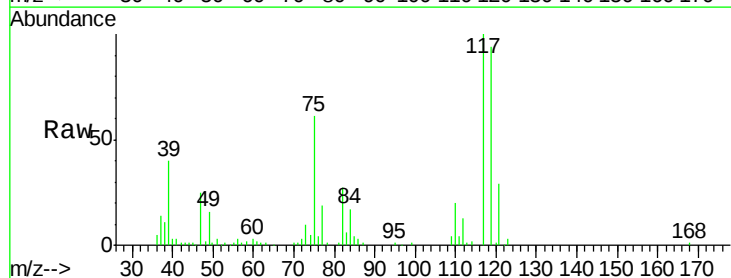
Manual Integrations
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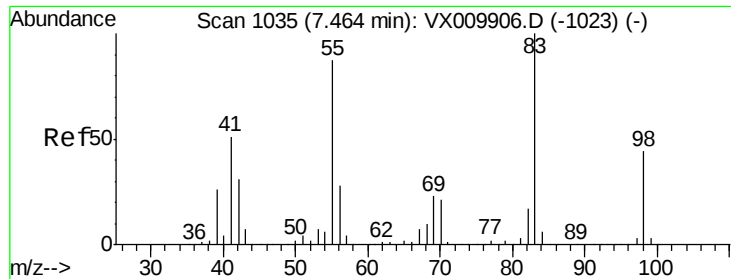
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#38
Carbon Tetrachloride
Concen: 19.733 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
121	28.6	25.4	38.0





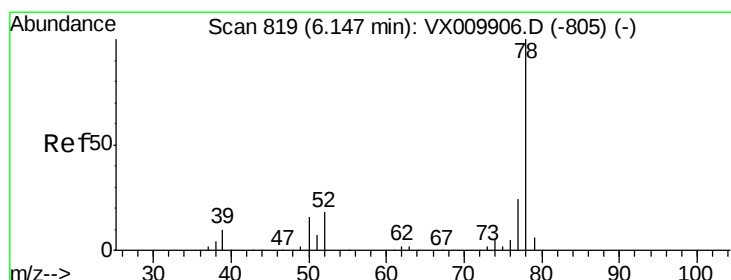
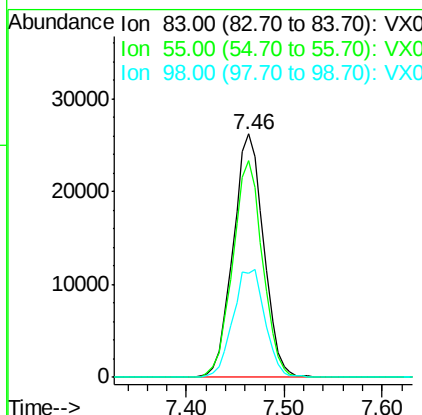
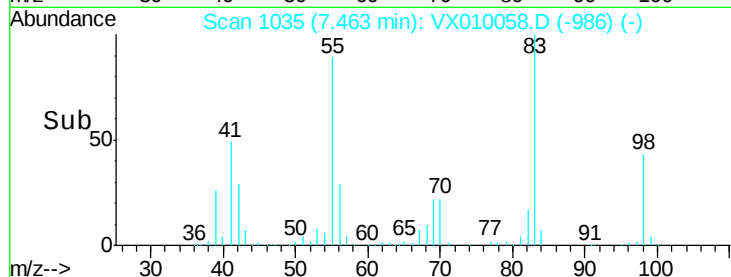
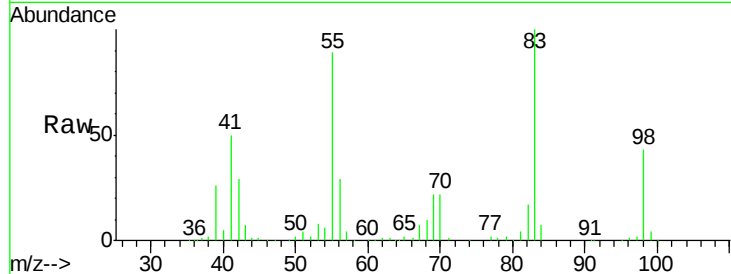
#39
Methvlcvclohexane
Concen: 19.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	83	Resp	56872
Ion Ratio	Lower	Upper	
83	100		
55	88.8	69.9	104.9
98	42.8	35.1	52.7

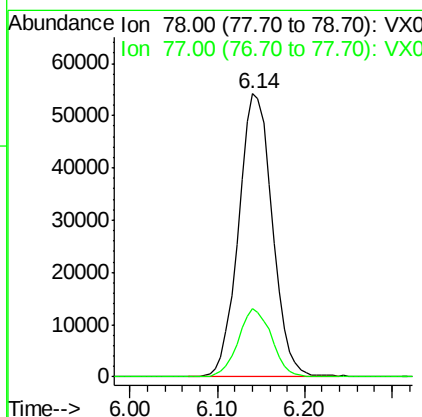
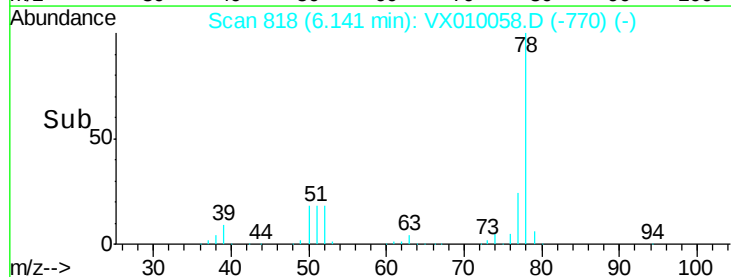
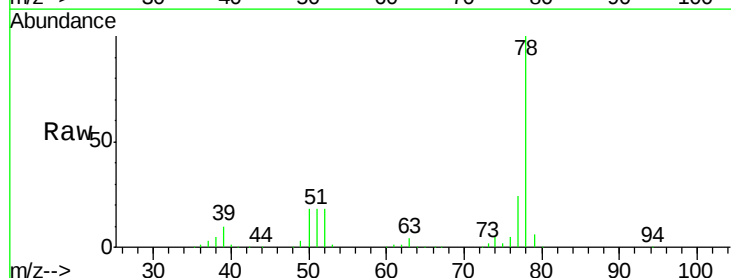
Manual Integrations
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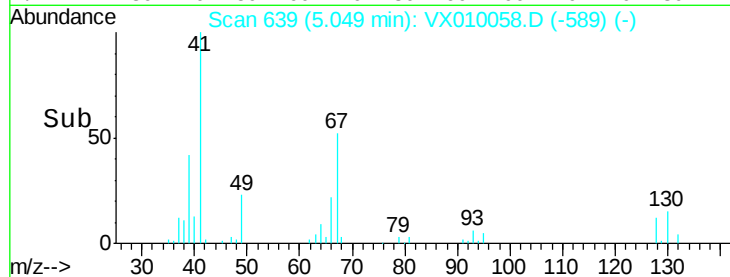
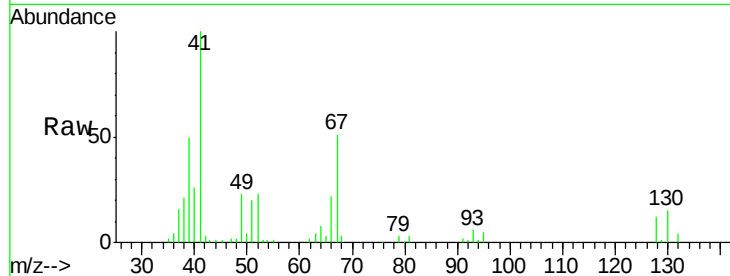
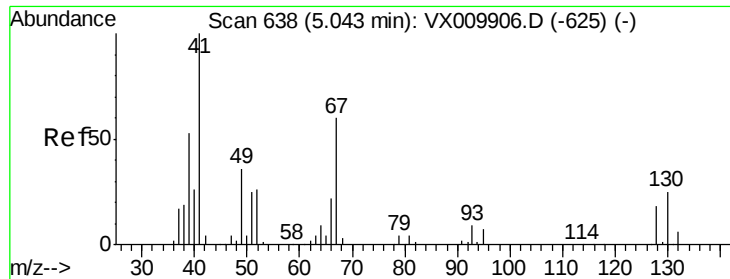
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#40
Benzene
Concen: 19.559 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	78	Resp	145383
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 18.854 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010058.D

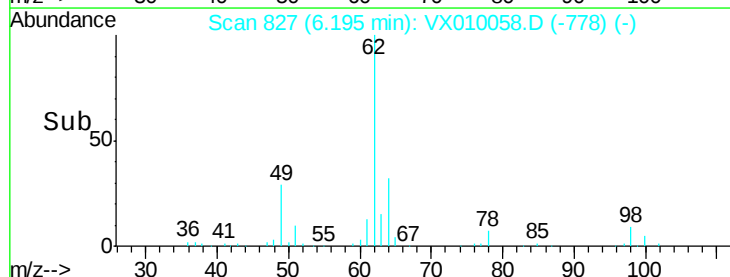
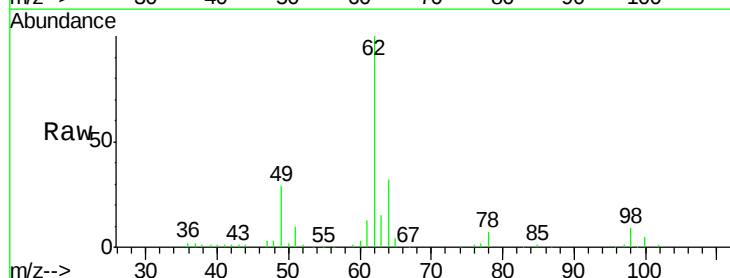
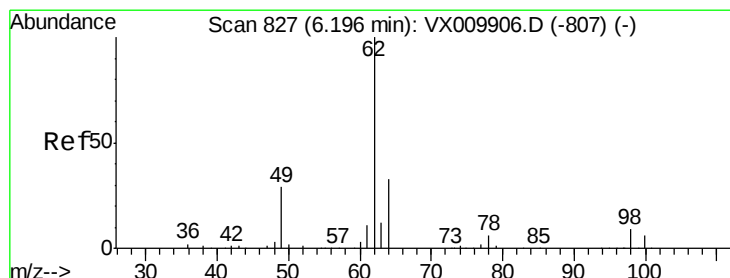
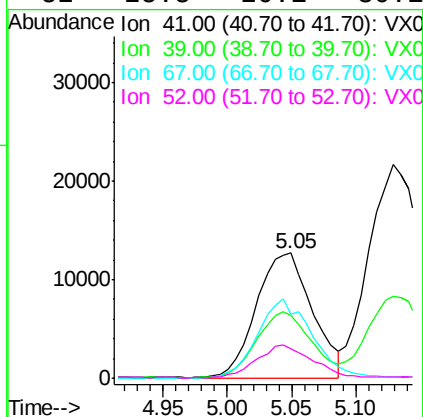
Acq: 04 Jun 2019 13:36

Tot Ion:	41	Resp:	38464
Ion Ratio	Lower	Upper	
41	100		
39	52.5	42.2	63.4
67	61.9	48.9	73.3
52	25.8	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.310 ug/l

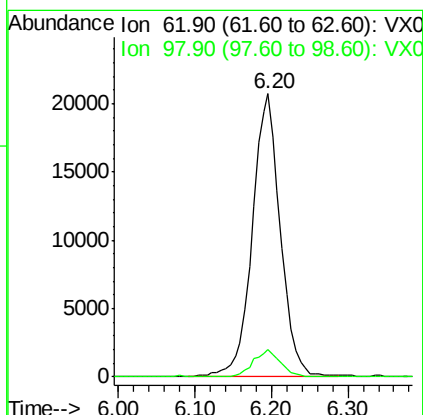
RT: 6.20 min Scan# 827

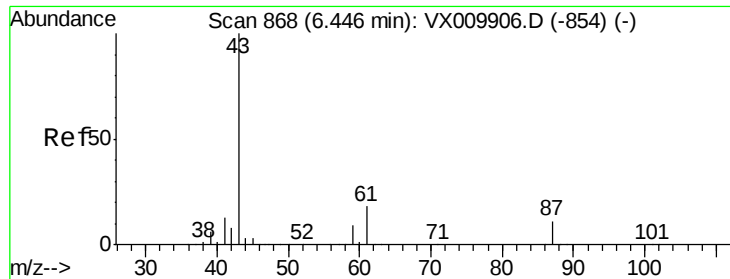
Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	62	Resp:	53063
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	17.2





#43

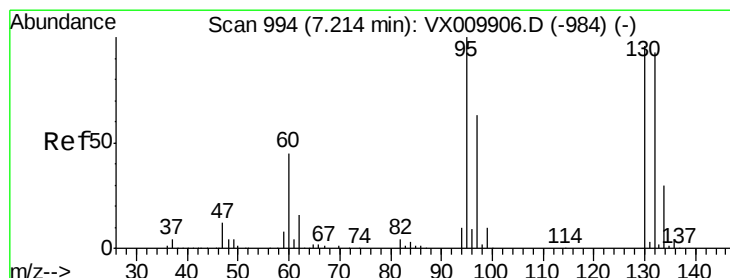
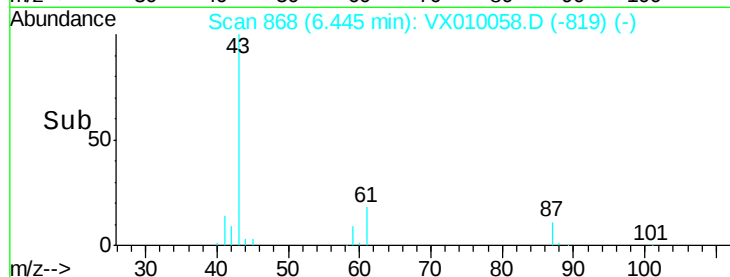
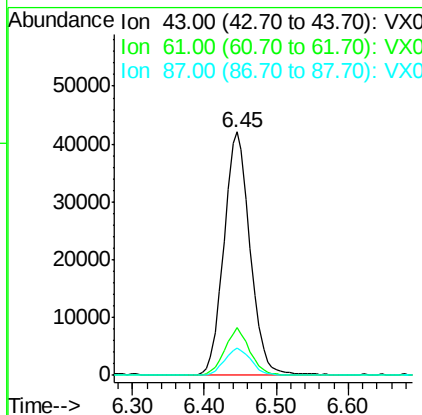
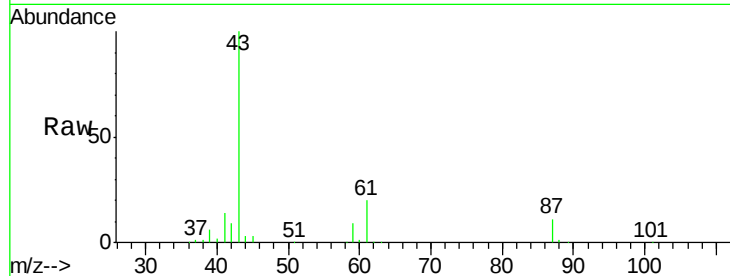
Isopropyl Acetate
 Concen: 18.744 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.6	21.8
87	11.4	8.7	13.1

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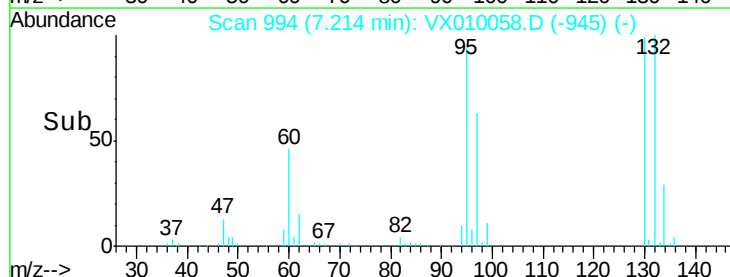
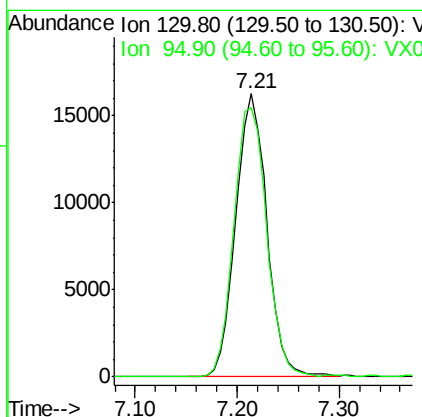
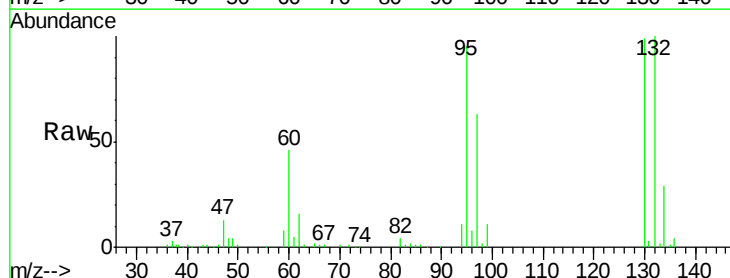
MMDadoda
 6/5/2019 9:26:40 AM

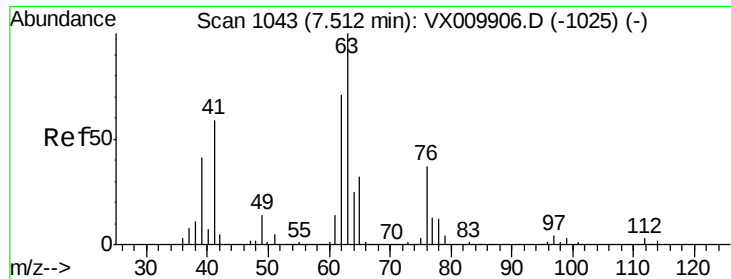


#44

Trichloroethene
 Concen: 19.065 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	207.4





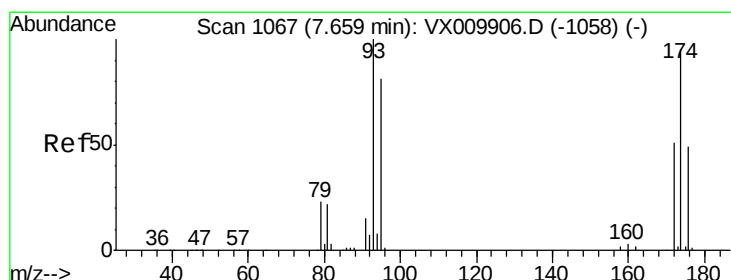
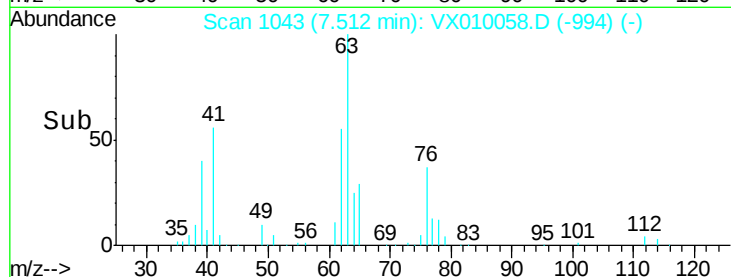
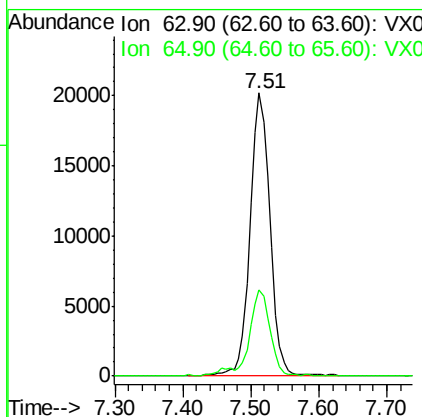
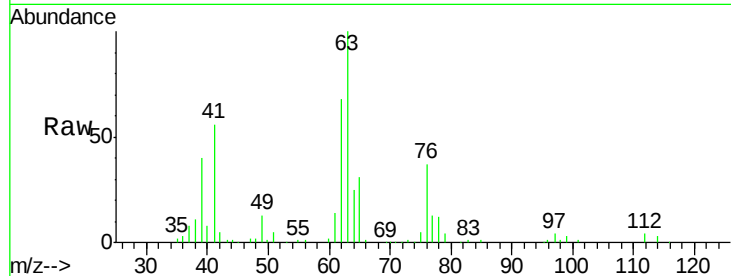
#45
 1,2-Dichloropropane
 Concen: 19.404 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0604WBSD01

Tot Ion: 63 Resp: 41520
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5

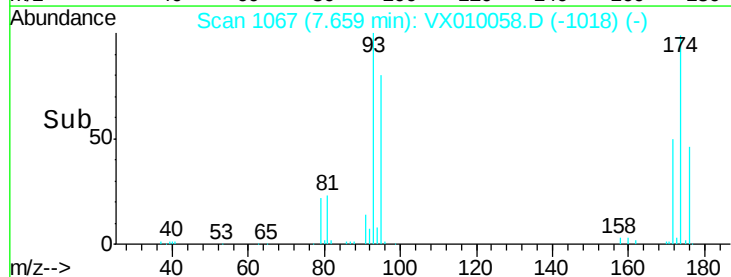
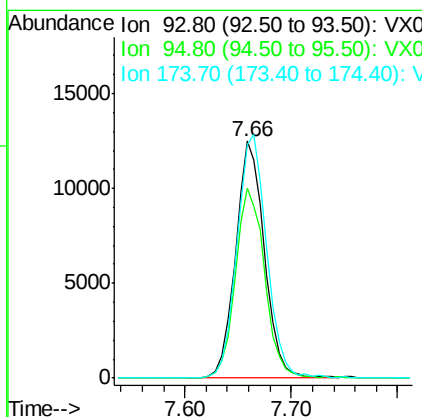
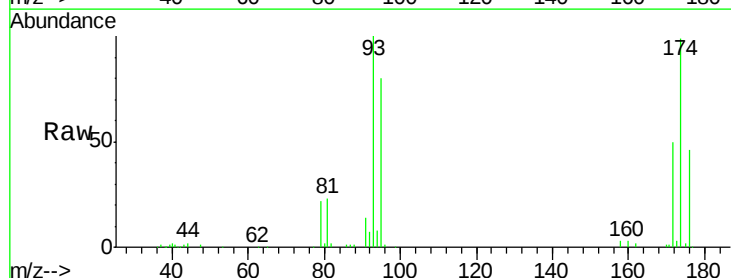
Manual Integrations
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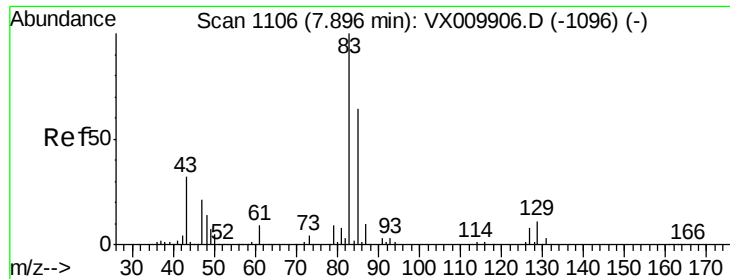
MMDadoda
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#46
 Dibromomethane
 Concen: 18.802 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion: 93 Resp: 23681
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.8 100.2
 174 106.1 81.9 122.9





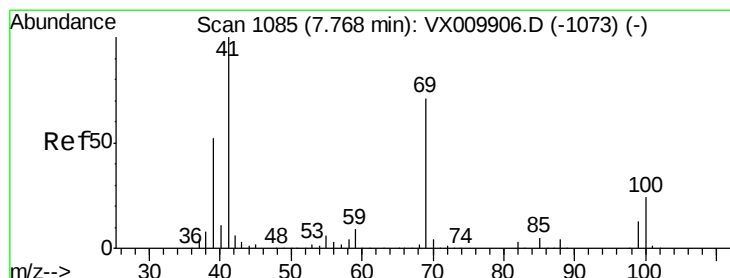
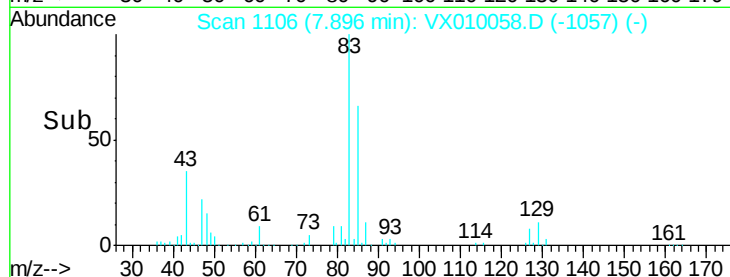
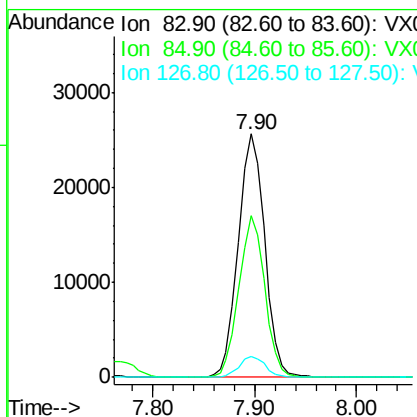
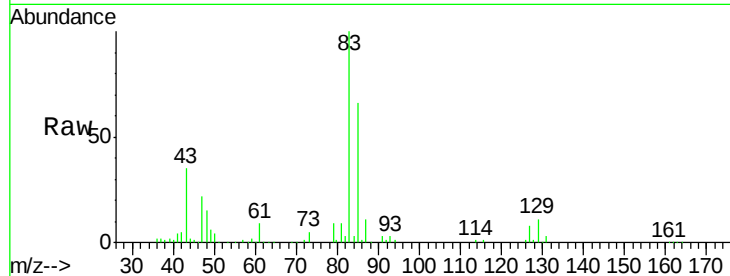
#47
Bromodichloromethane
Concen: 19.285 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	83	Resp	46189
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	51.4	77.2
127	8.5	6.4	9.6

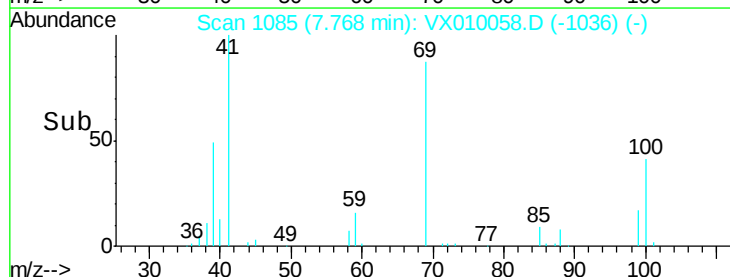
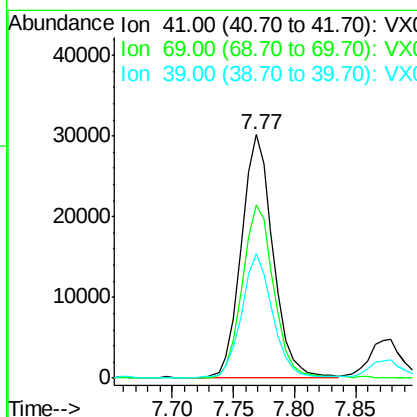
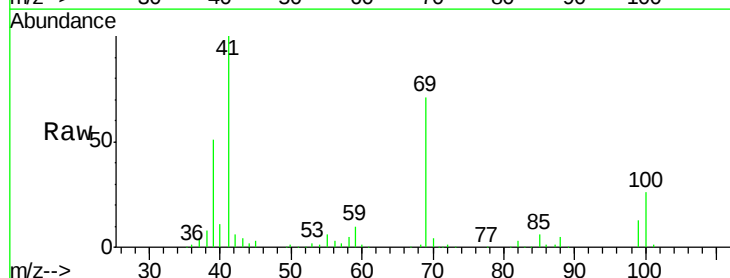
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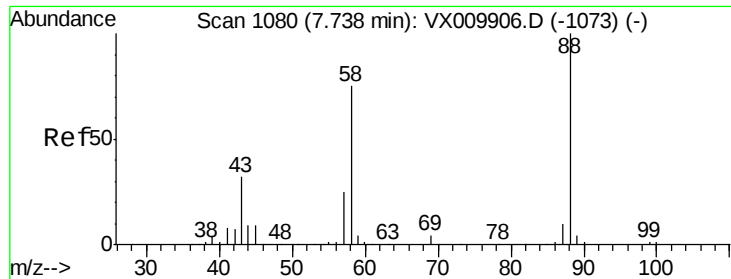
MMDadoda
6/5/2019 9:26:40 AM



#48
Methyl methacrylate
Concen: 19.301 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	41	Resp	53828
Ion Ratio	100	Lower	Upper
41	100		
69	71.5	56.4	84.6
39	50.2	40.6	60.8





#49

1,4-Dioxane

Concen: 392.716 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

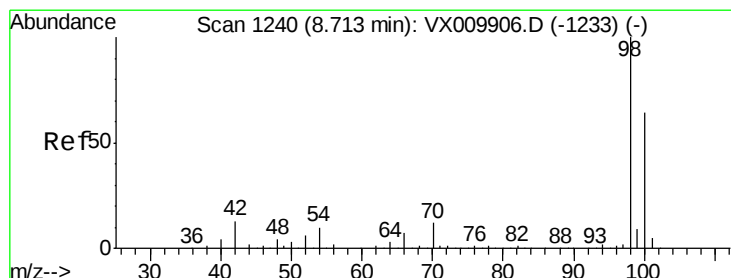
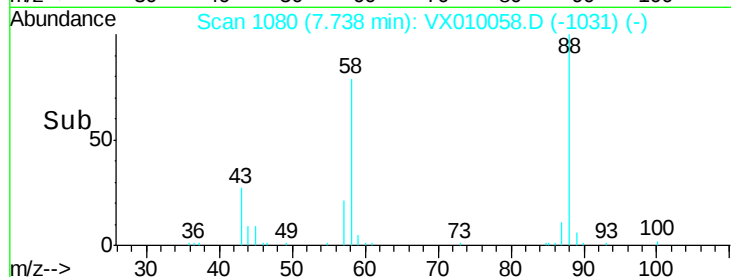
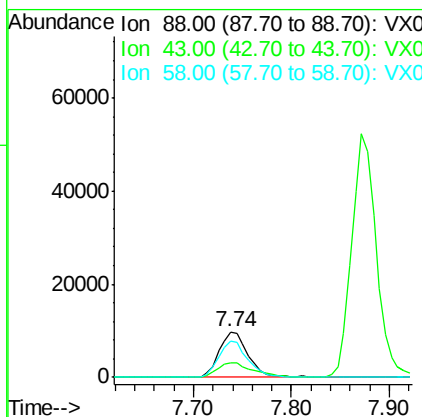
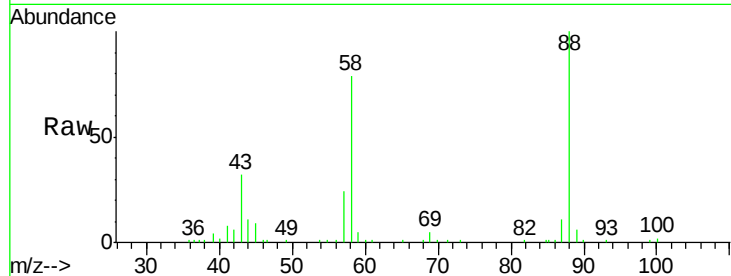
ClientSampled :

VX0604WBSD01

Tot Ion:	88	Resp:	20372
Ion	Ratio	Lower	Upper
88	100		
43	36.4	30.2	45.4
58	79.5	64.0	96.0

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#50

Toluene-d8

Concen: 49.071 ug/l

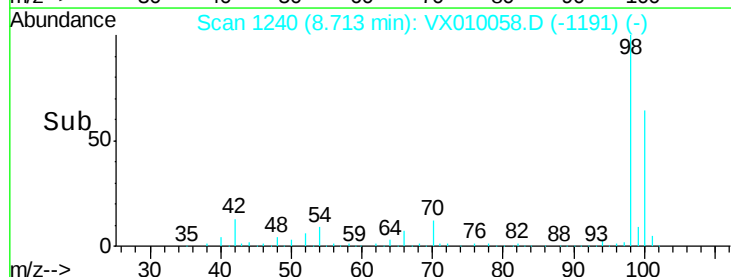
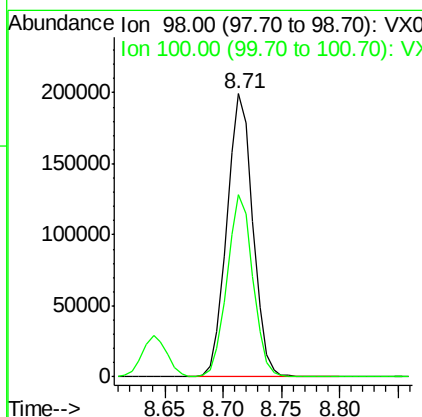
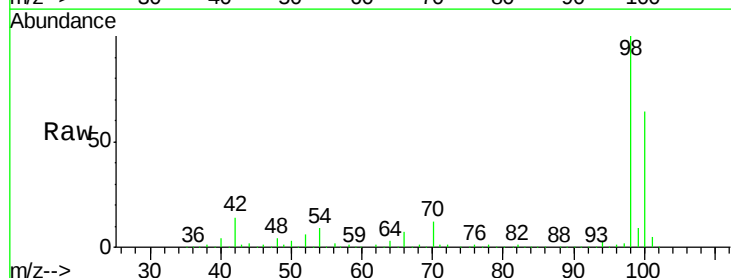
RT: 8.71 min Scan# 1240

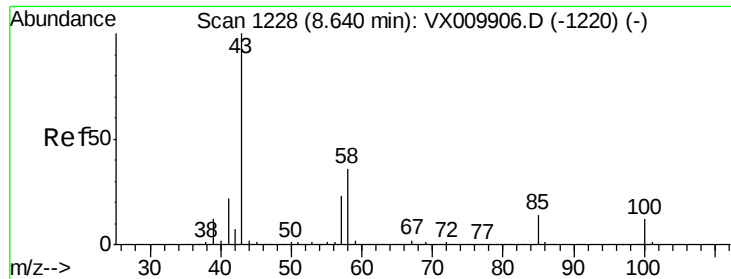
Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	98	Resp:	309392
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 96.758 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 43 Resp: 354590

Ion Ratio Lower Upper

43 100

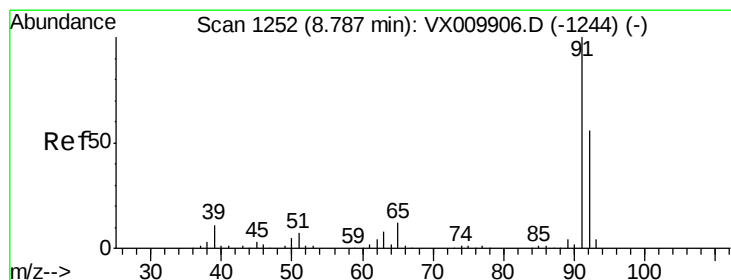
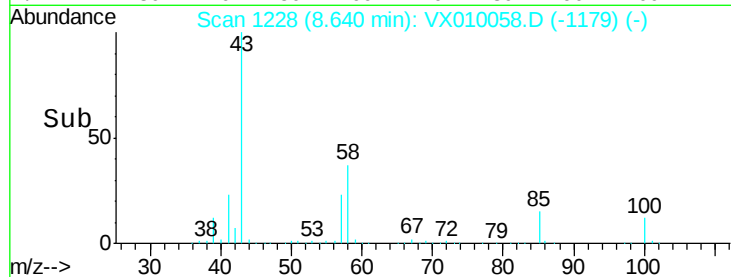
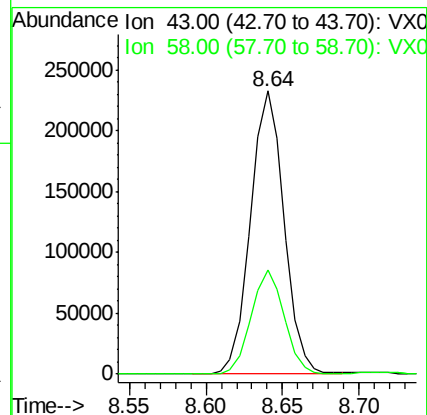
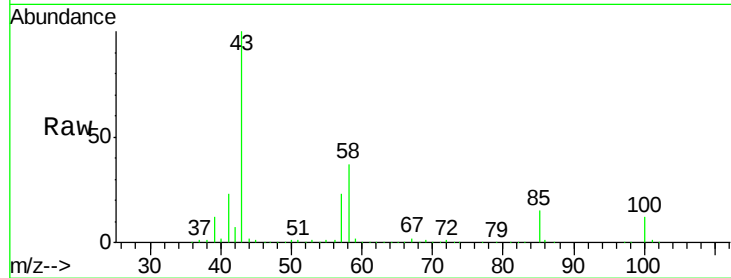
58 36.4 28.8 43.2

Manual Integrations

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#52

Toluene

Concen: 19.694 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010058.D

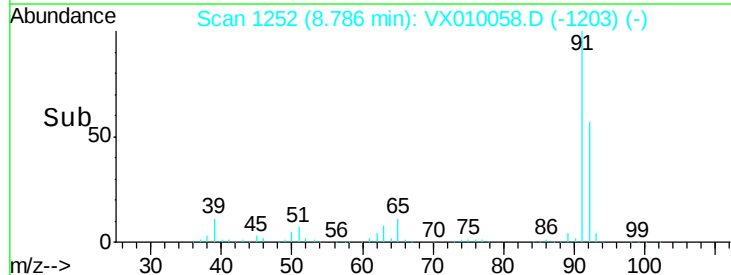
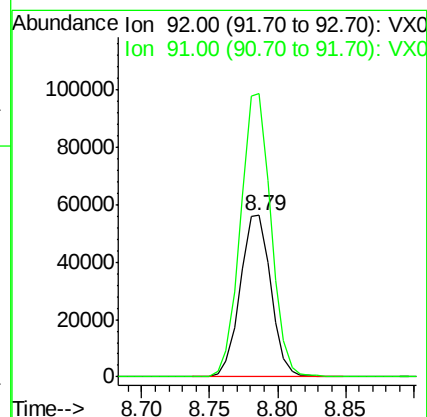
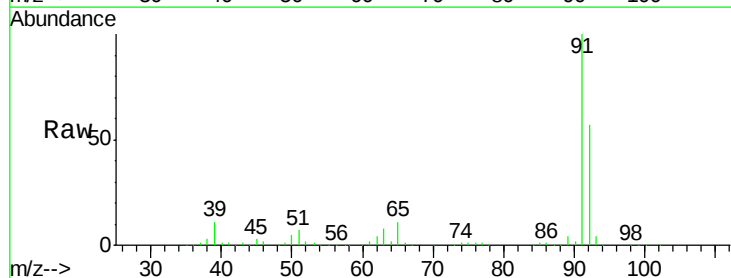
Acq: 04 Jun 2019 13:36

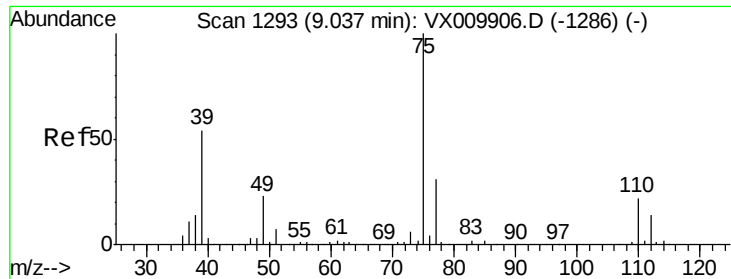
Tgt Ion: 92 Resp: 88883

Ion Ratio Lower Upper

92 100

91 173.9 139.9 209.9





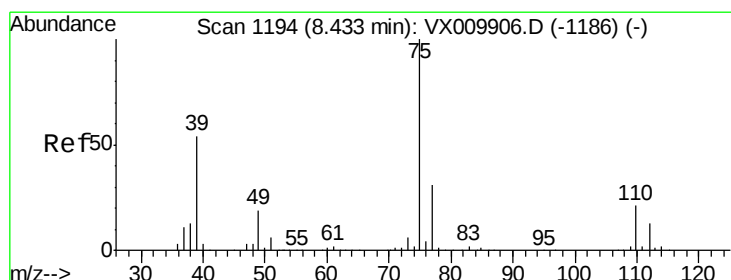
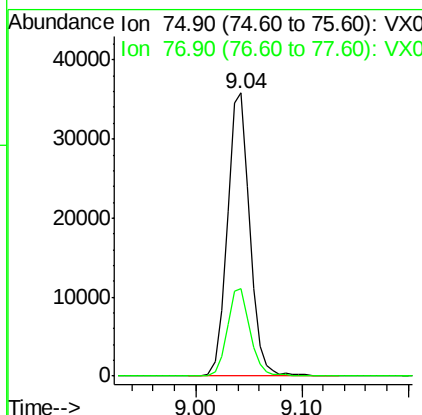
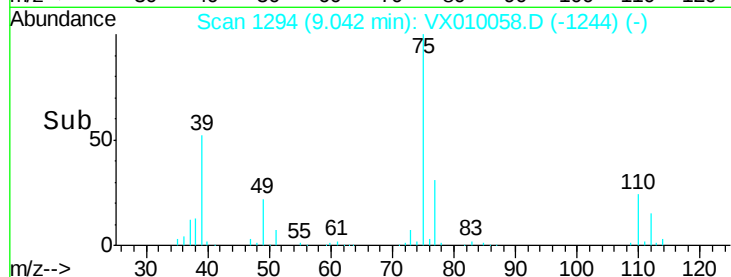
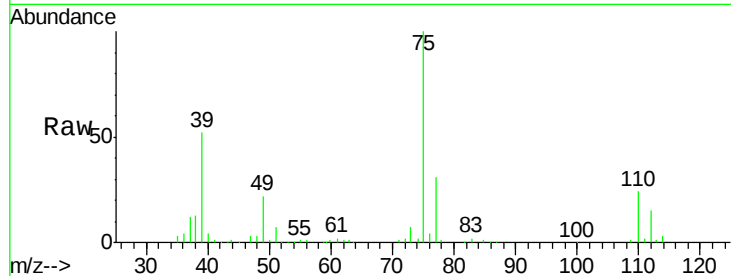
#53
t-1,3-Dichloropropene
Concen: 18.364 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8

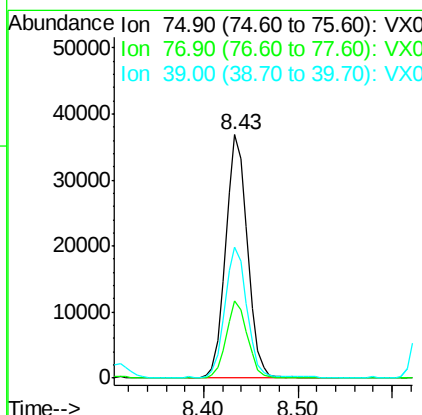
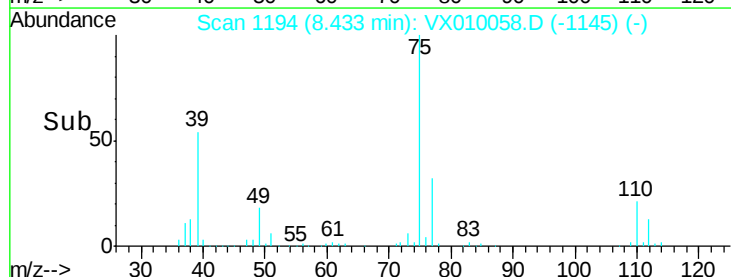
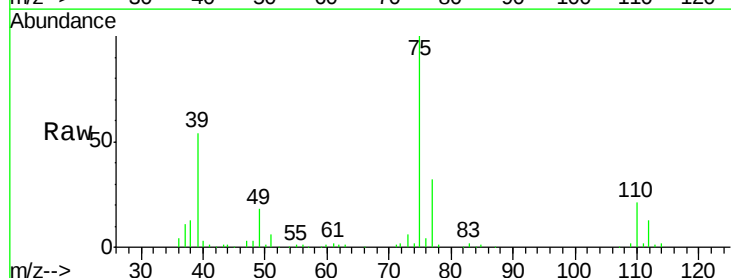
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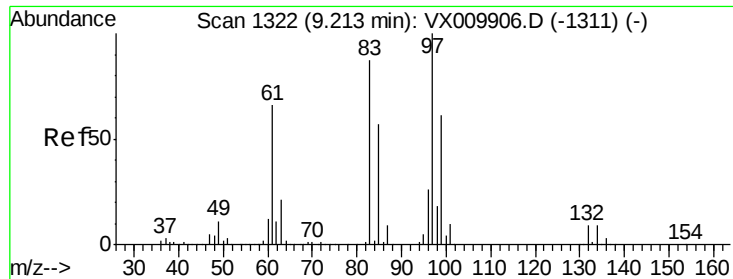
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.894 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	53.5	43.4	65.0





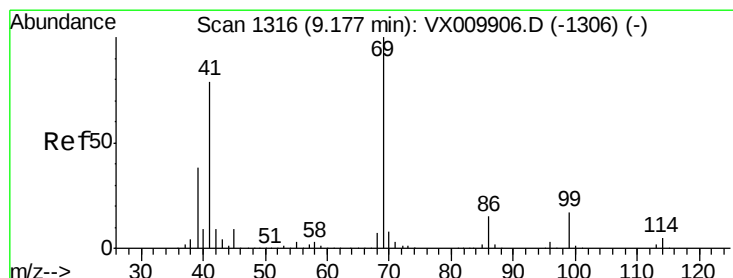
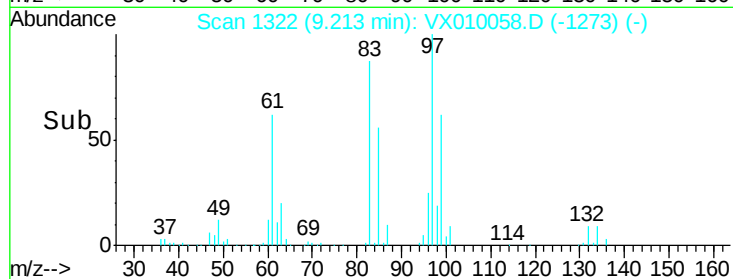
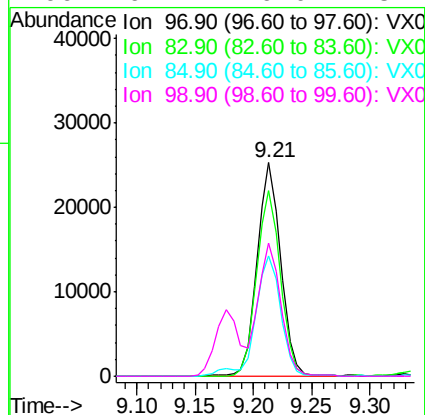
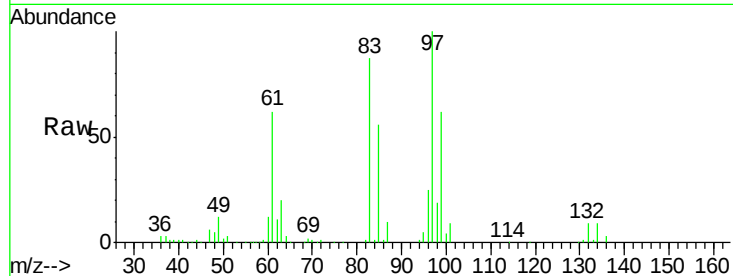
#55
 1,1,2-Trichloroethane
 Concen: 19.861 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion:	97	Resp:	36077
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	56.1	45.3	67.9
99	62.4	49.0	73.4

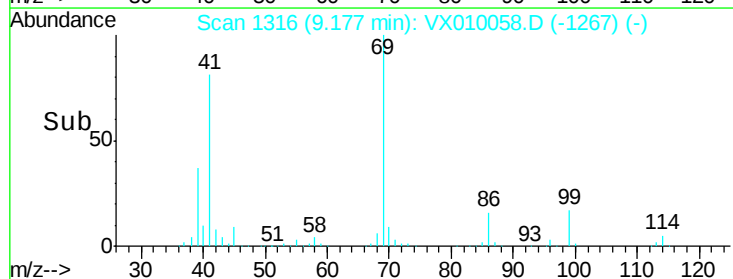
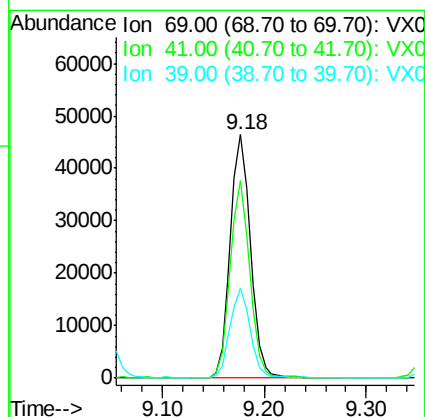
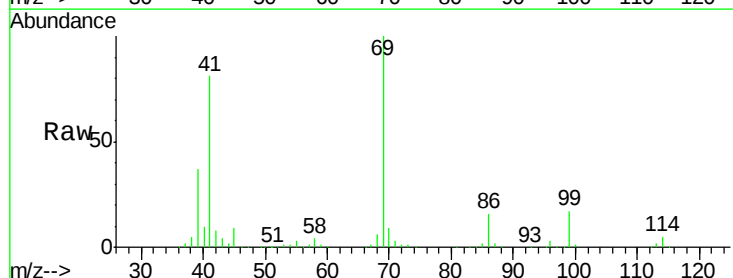
Manual Integrations
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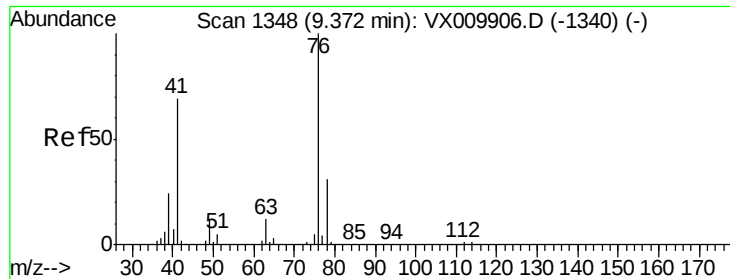
MMDadoda
 6/5/2019 9:26:40 AM



#56
 Ethyl methacrylate
 Concen: 19.788 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion:	69	Resp:	63991
Ion	Ratio	Lower	Upper
69	100		
41	77.8	62.7	94.1
39	36.2	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.368 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 76 Resp: 63181

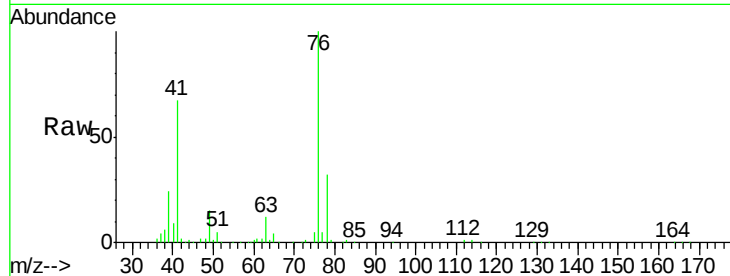
Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0

Manual Integrations
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MMDadoda
6/5/2019 9:26:40 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

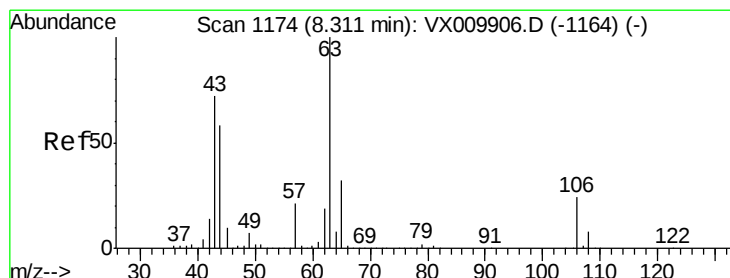
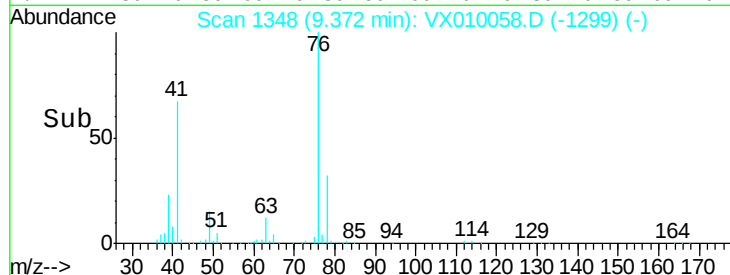
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 95.518 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010058.D

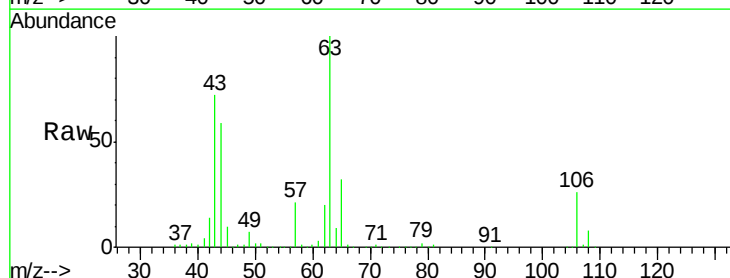
Acq: 04 Jun 2019 13:36

Tgt Ion: 63 Resp: 161977

Ion Ratio Lower Upper

63 100

106 24.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

120000

100000

80000

60000

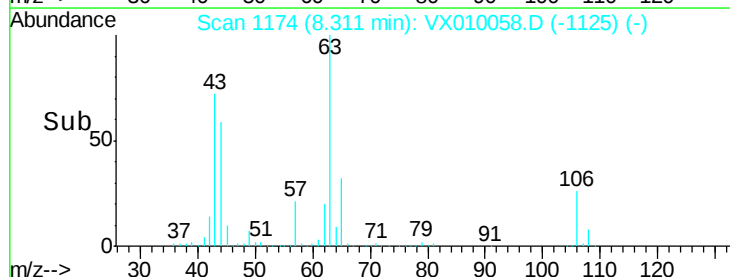
40000

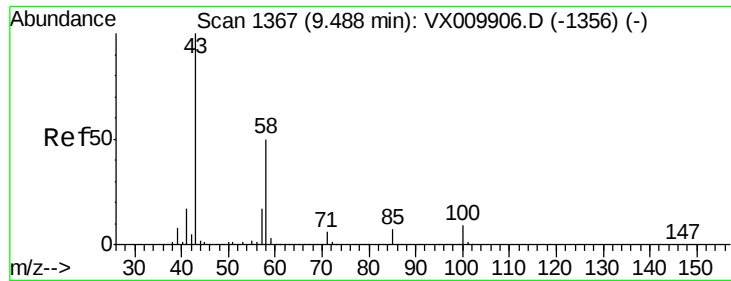
20000

0

8.20 8.30 8.40

Time-->





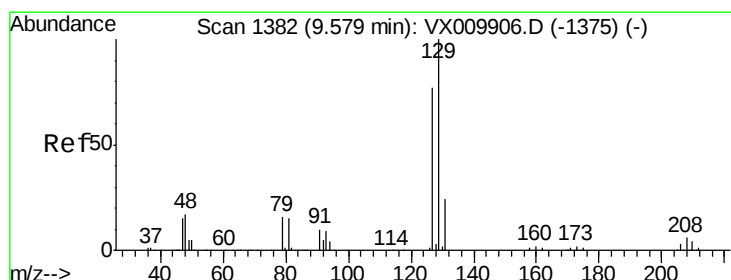
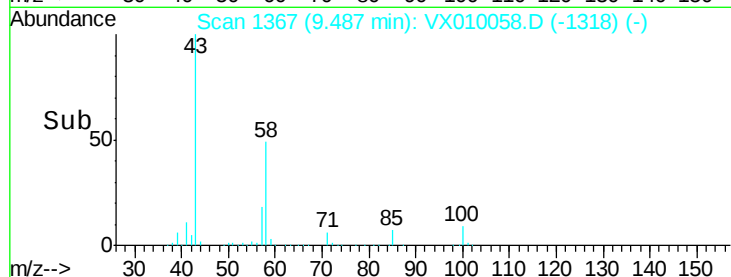
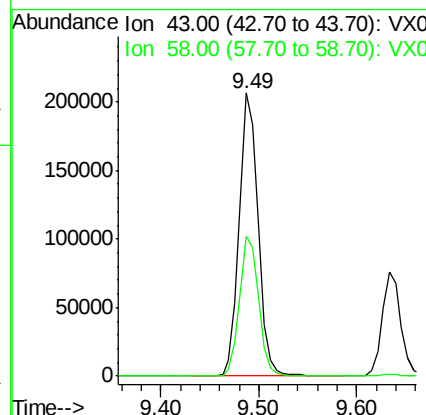
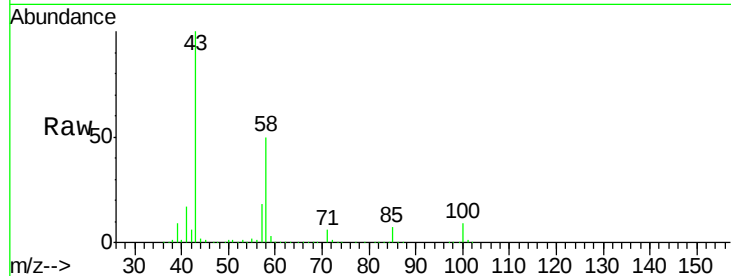
#59
2-Hexanone
Concen: 98.764 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 43 Resp: 278661
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

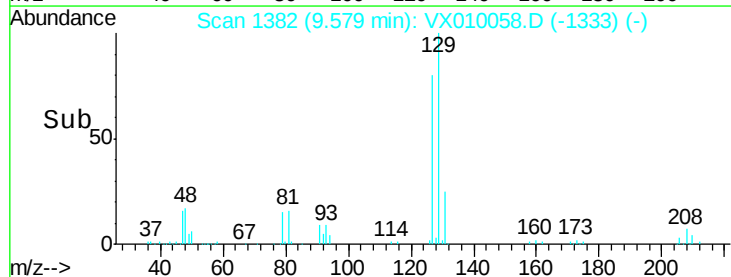
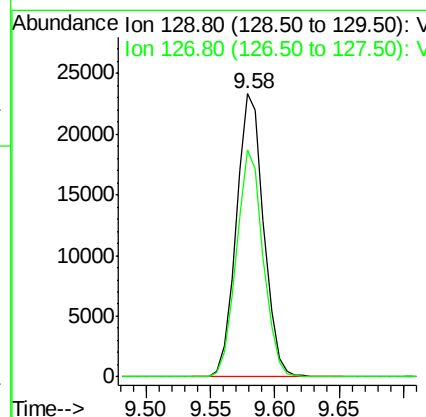
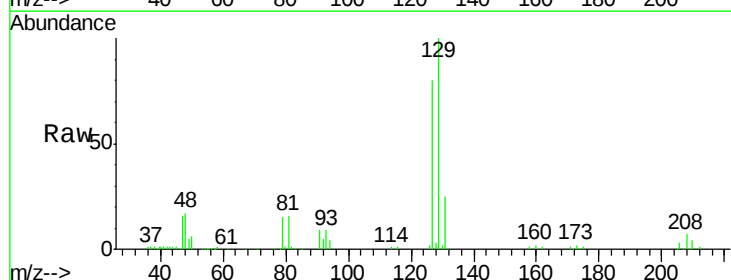
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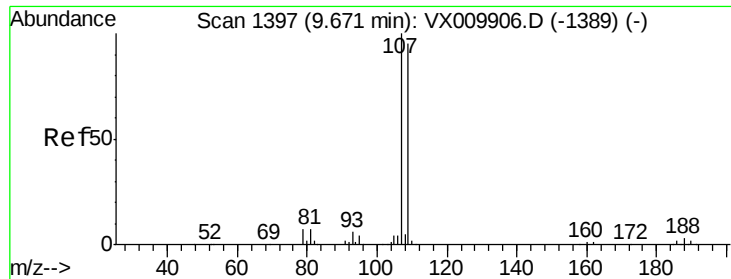
MMDadoda
6/5/2019 9:26:40 AM



#60
Dibromochloromethane
Concen: 19.303 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 129 Resp: 34491
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





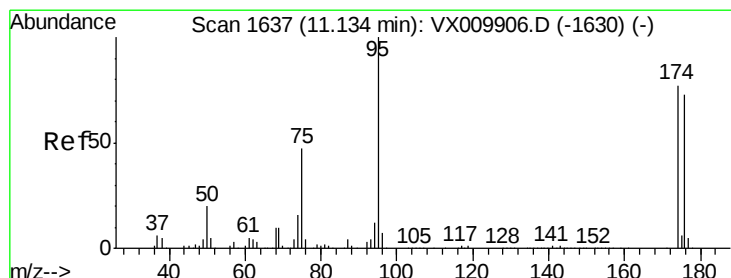
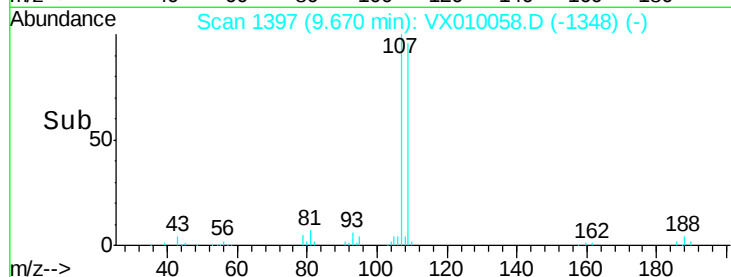
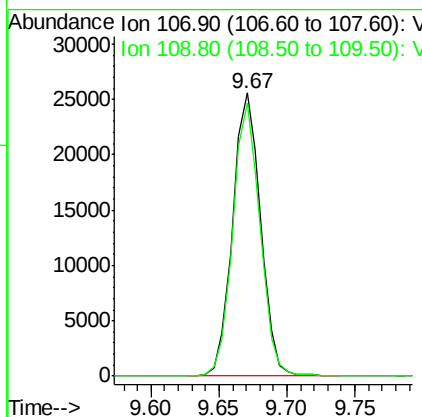
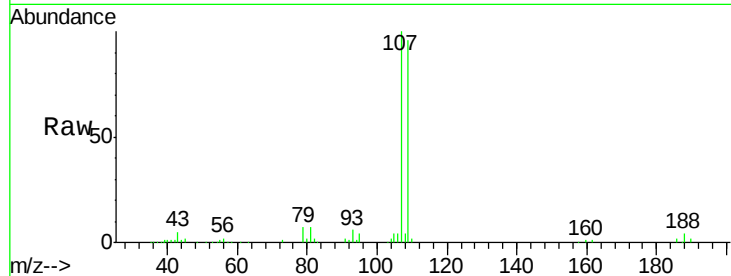
#61
 1,2-Dibromoethane
 Concen: 19.570 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion:107 Resp: 36521
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2

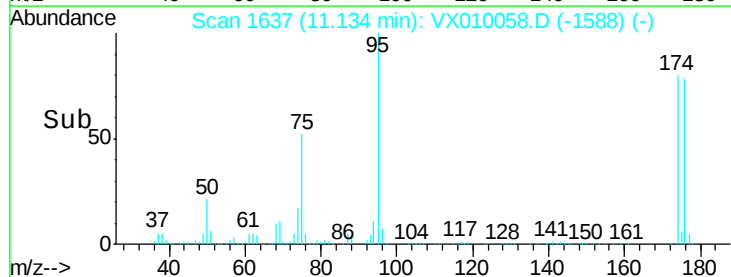
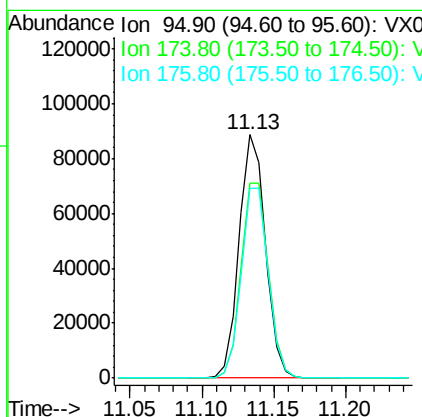
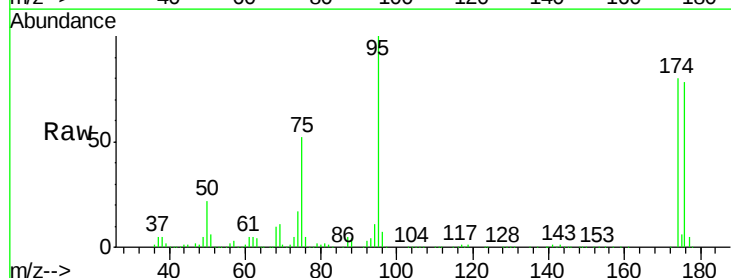
Manual Integrations
 APPROVED

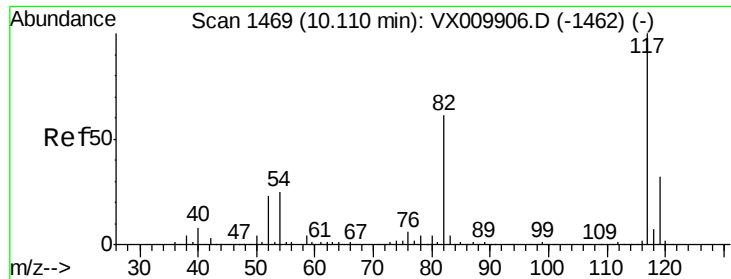
MMDadoda
 6/5/2019 9:26:40 AM



#62
 4-Bromofluorobenzene
 Concen: 49.751 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion: 95 Resp: 112669
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 160.4
 176 80.1 0.0 154.6





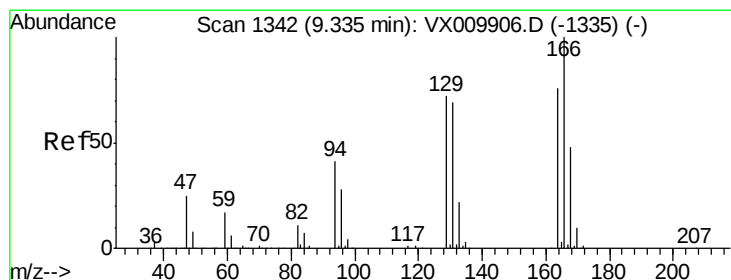
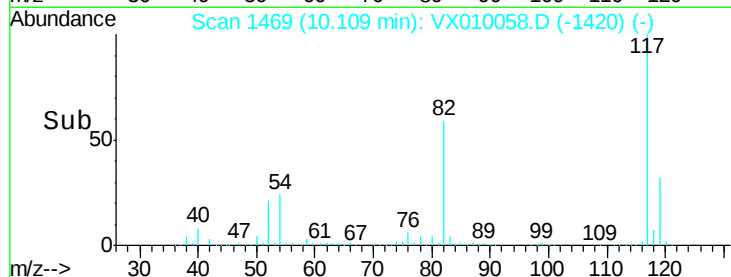
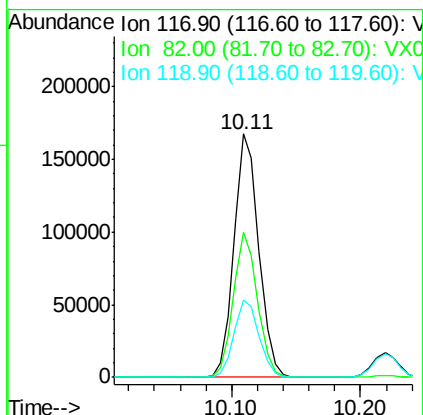
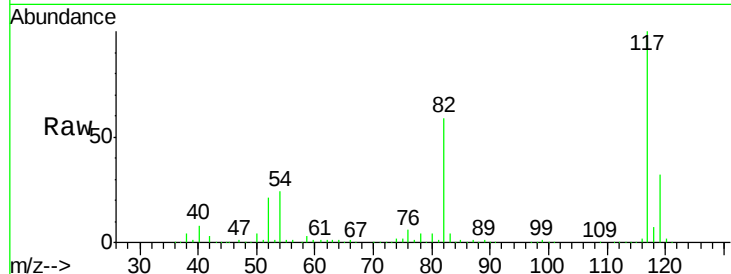
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.2	73.8
119	31.7	25.2	37.8

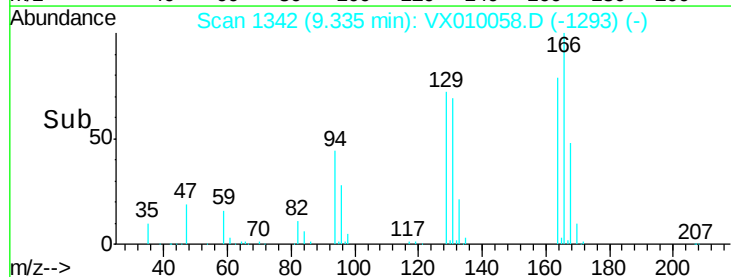
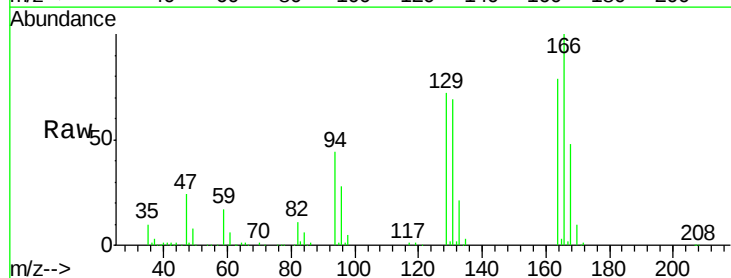
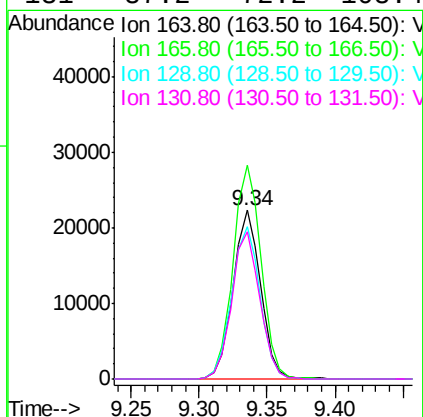
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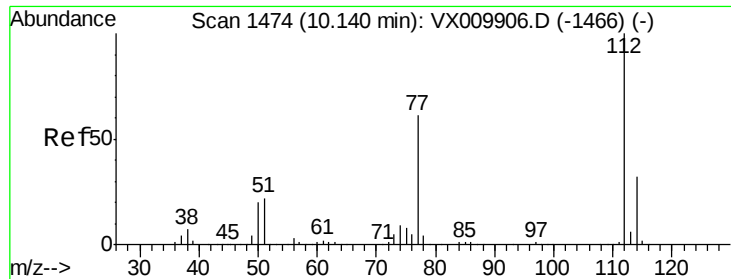
MMDadoda
6/5/2019 9:26:40 AM



#64
Tetrachloroethene
Concen: 20.122 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	105.0	157.4
129	90.5	75.1	112.7
131	87.2	72.2	108.4





#65

Chlorobenzene

Concen: 19.668 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion:112 Resp: 92358

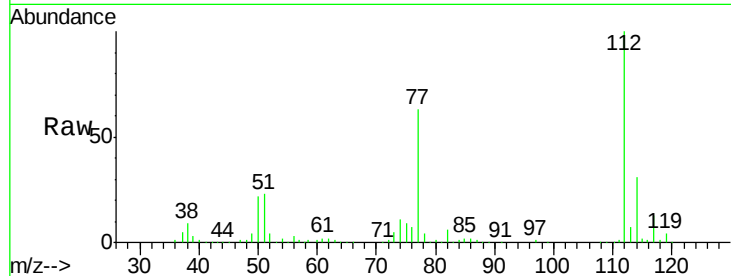
Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.8

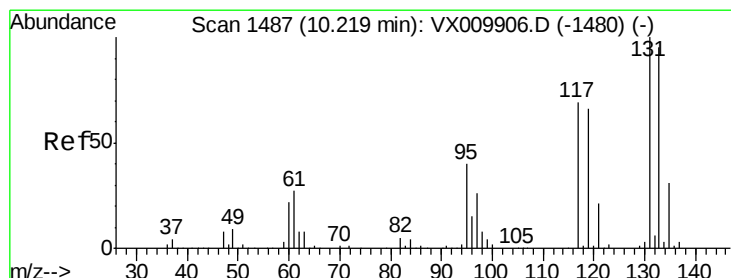
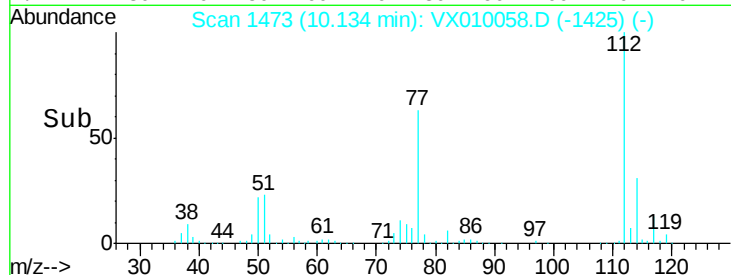
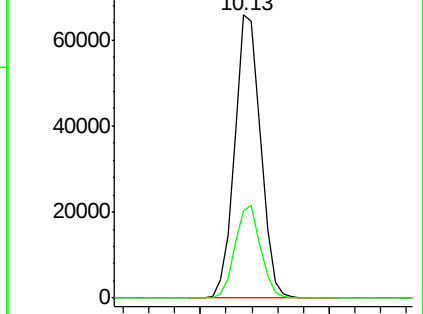
Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.414 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

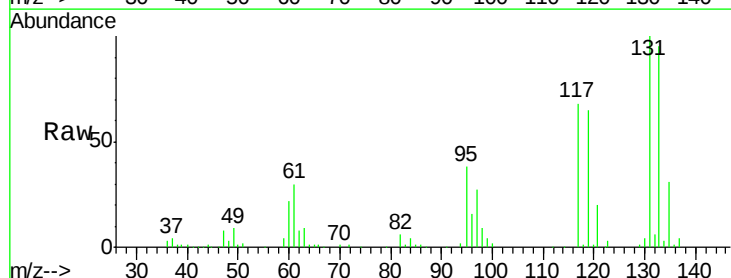
Tgt Ion:131 Resp: 33248

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

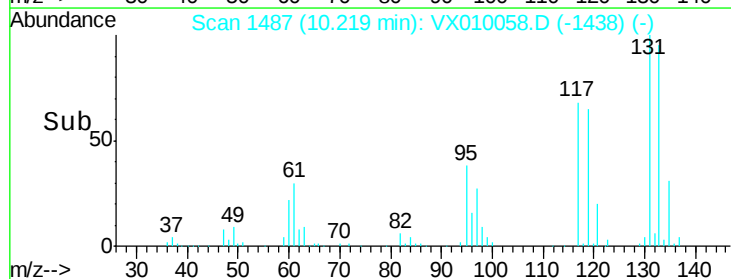
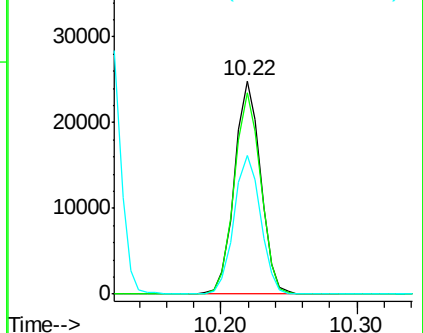
119 66.5 33.4 100.1

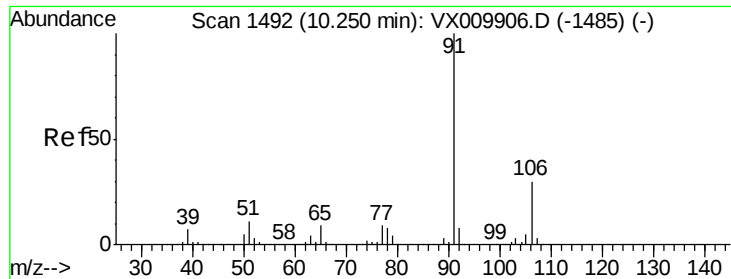


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





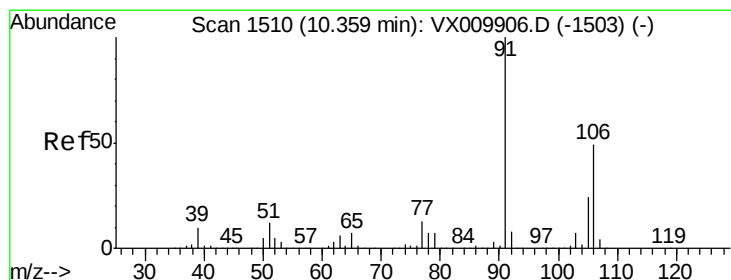
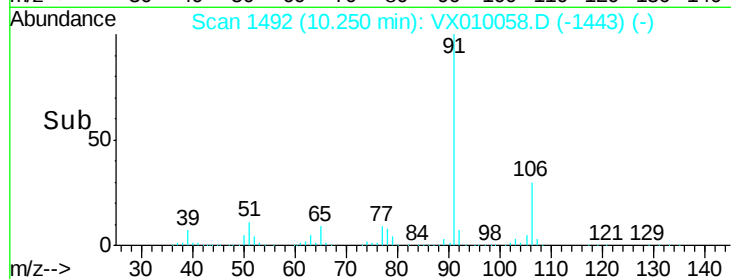
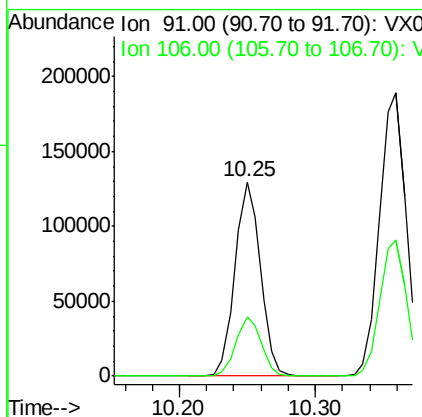
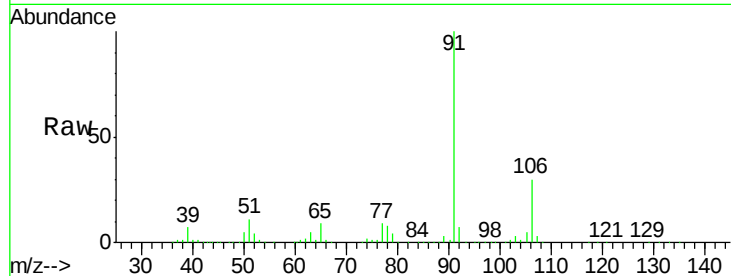
#67
Ethyl Benzene
Concen: 20.005 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 91 Resp: 168670
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

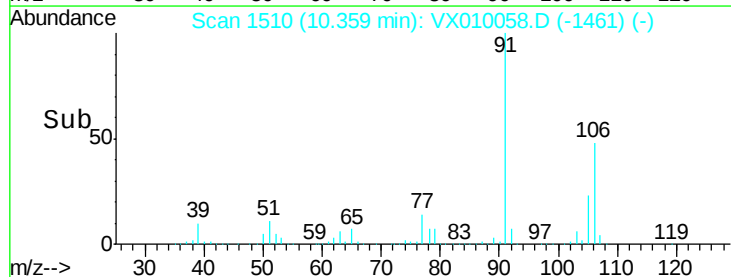
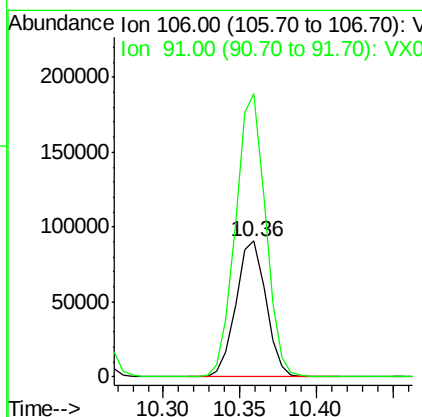
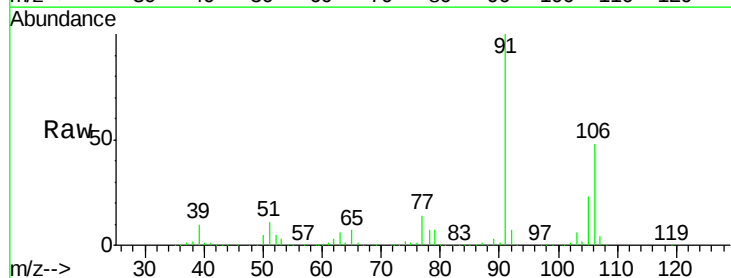
Manual Integrations
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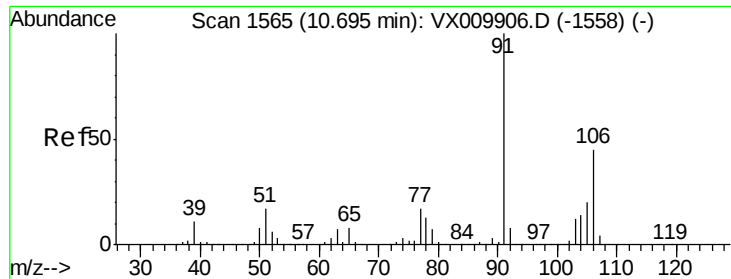
MMDadoda
6/5/2019 9:26:40 AM



#68
m/p-Xylenes
Concen: 39.834 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion: 106 Resp: 124080
Ion Ratio Lower Upper
106 100
91 207.7 167.3 250.9





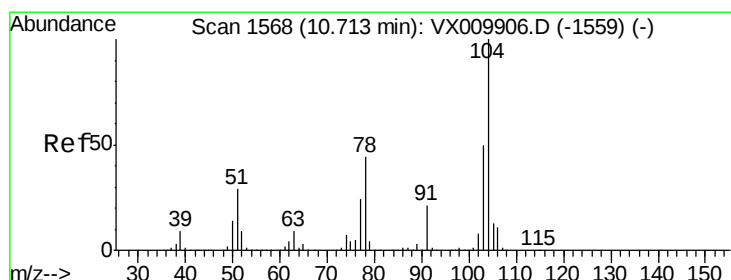
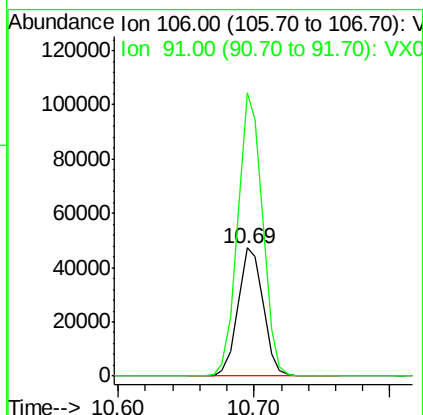
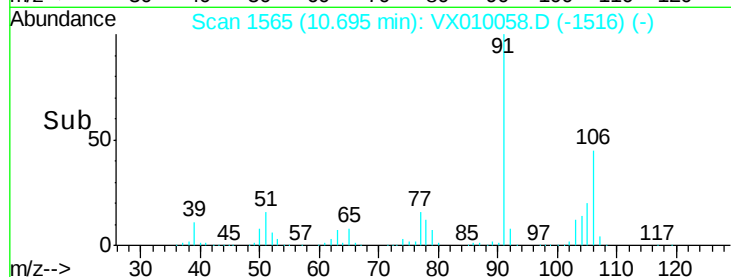
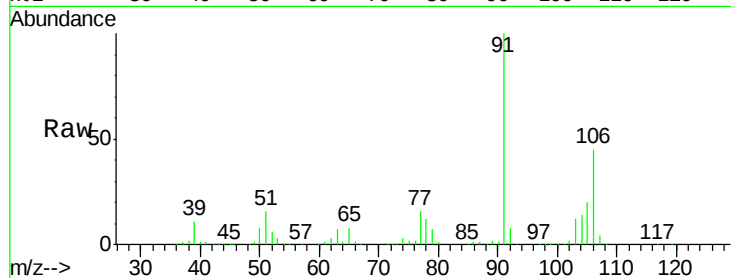
#69
o-Xylene
Concen: 20.339 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion:106 Resp: 60760
Ion Ratio Lower Upper
106 100
91 218.2 110.4 331.2

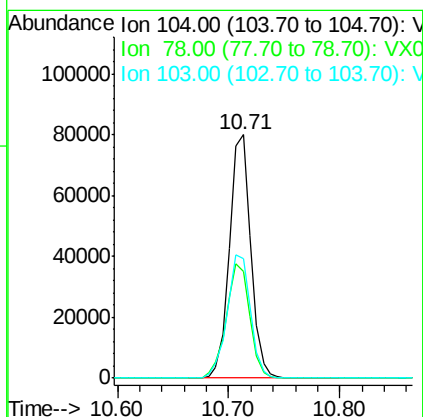
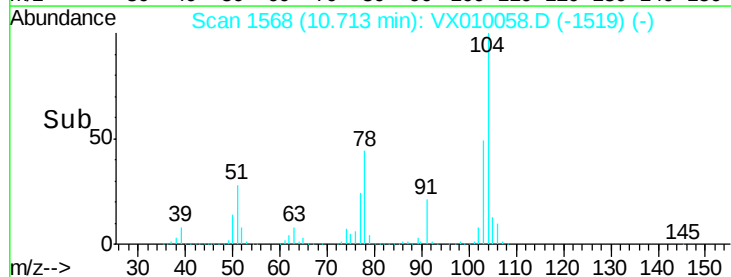
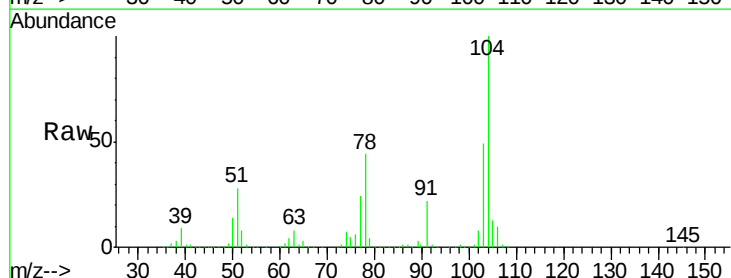
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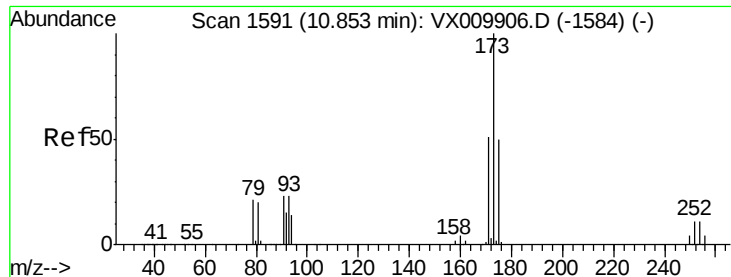
MMDadoda
6/5/2019 9:26:40 AM



#70
Styrene
Concen: 20.255 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion:104 Resp: 106103
Ion Ratio Lower Upper
104 100
78 51.7 42.1 63.1
103 55.4 44.1 66.1





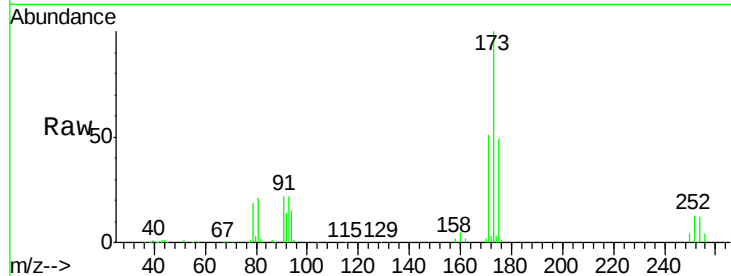
#71
Bromoform
Concen: 20.089 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

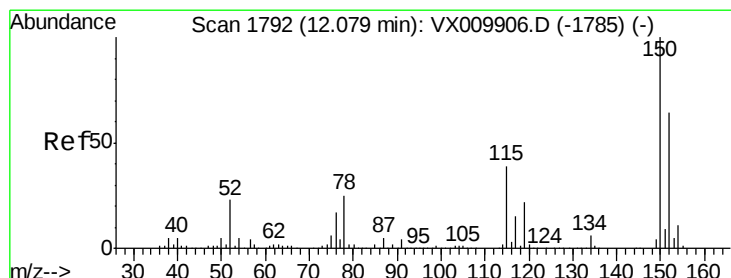
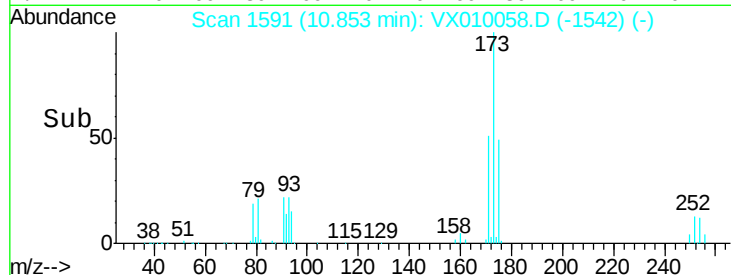
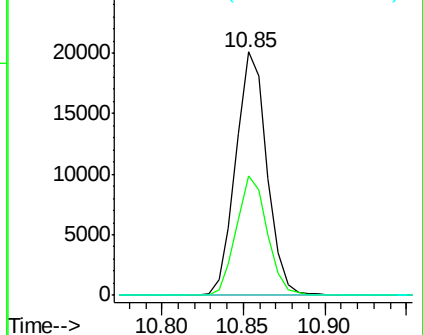
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.0	75.0
254	0.0	0.2	0.2

Manual Integrations
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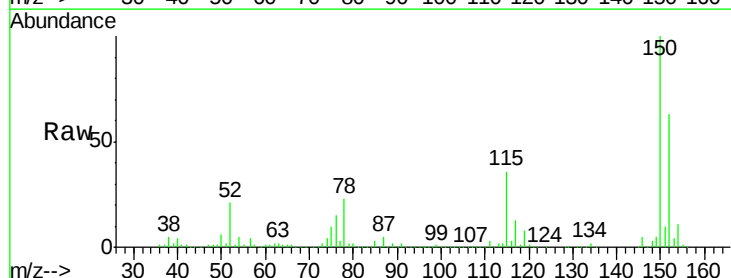


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

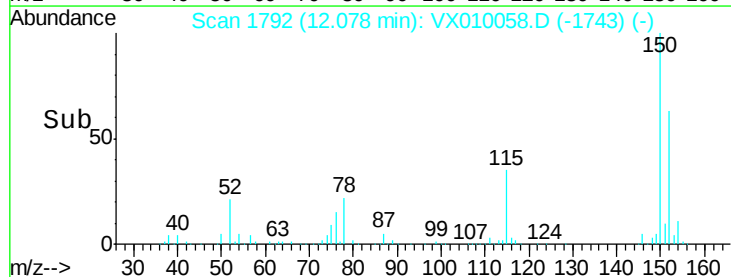
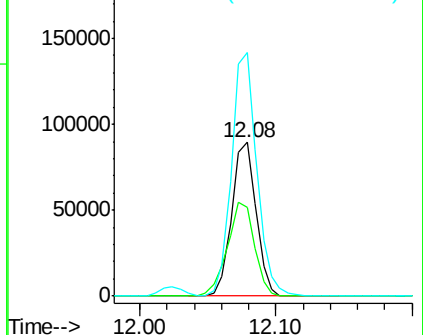


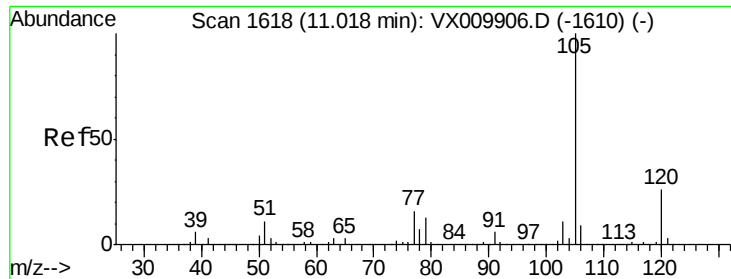
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	41.4	124.2
150	164.0	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.793 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 105 Resp: 163274

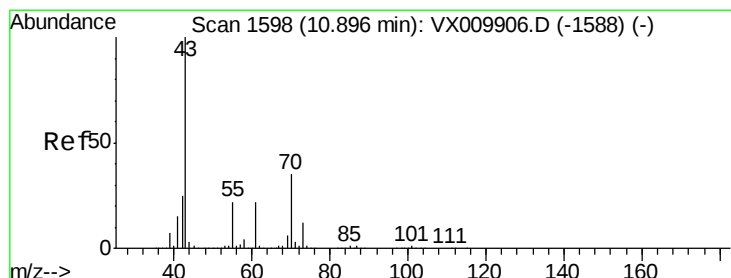
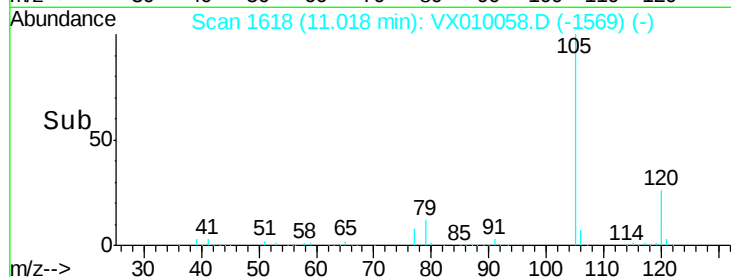
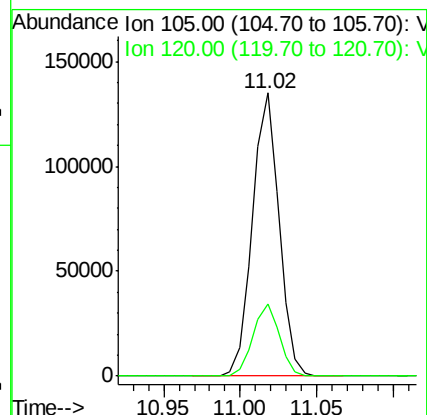
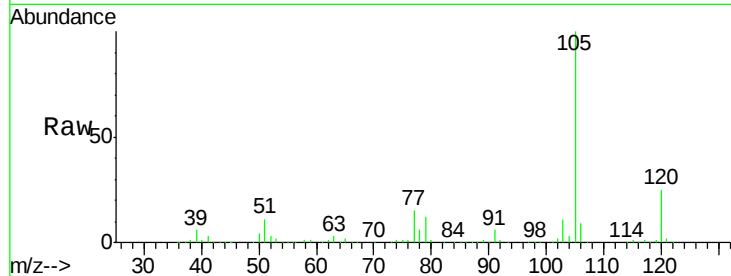
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion: 43 Resp: 96135

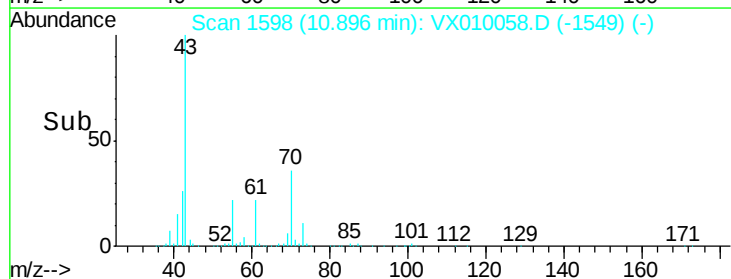
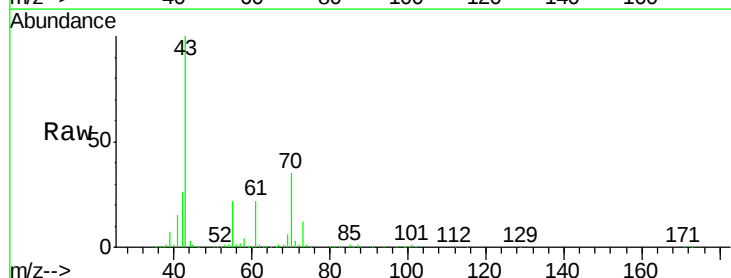
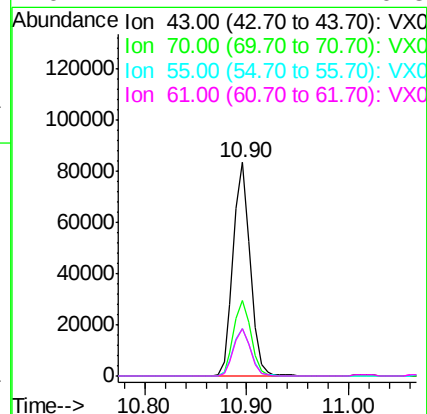
Ion Ratio Lower Upper

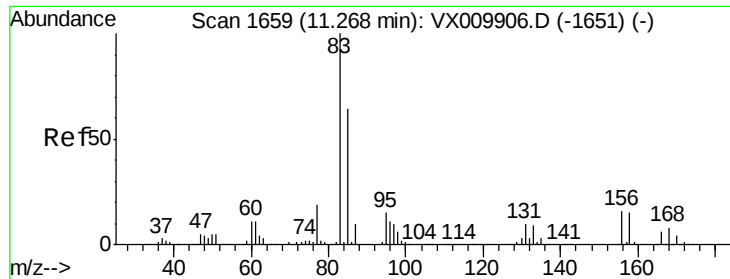
43 100

70 36.7 28.6 43.0

55 22.7 17.8 26.8

61 22.1 17.7 26.5





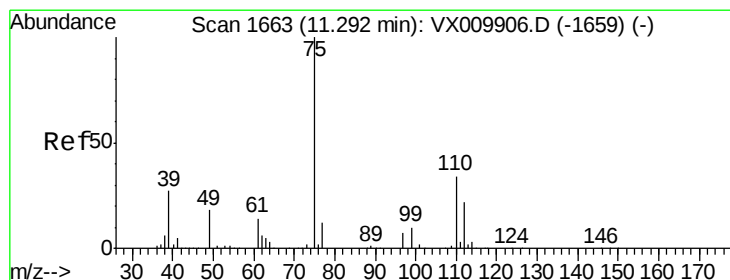
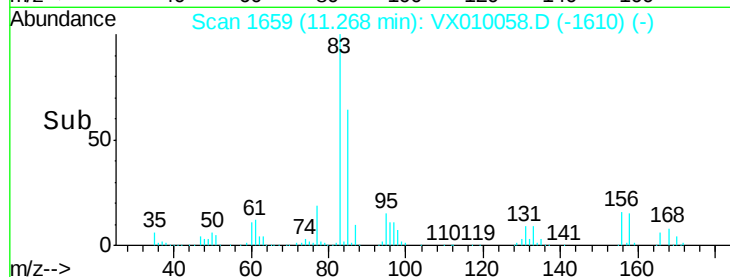
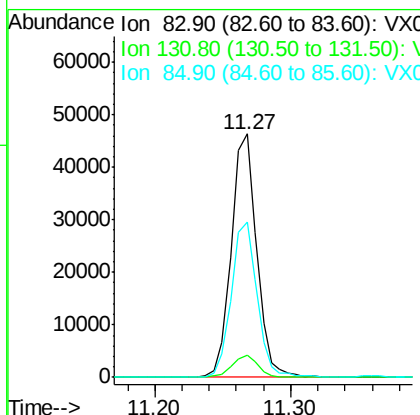
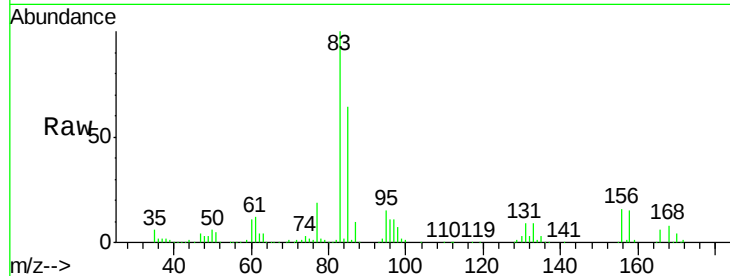
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.570 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.2	4.7	14.1	
85	65.1	31.9	95.9	

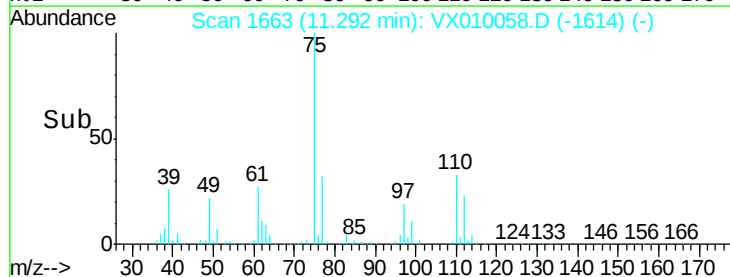
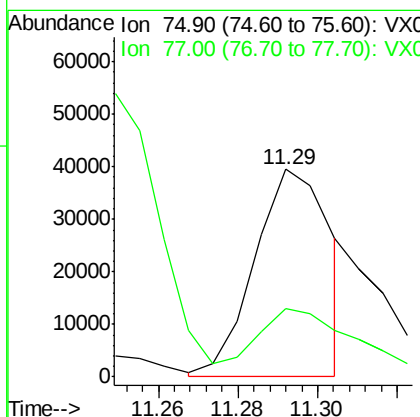
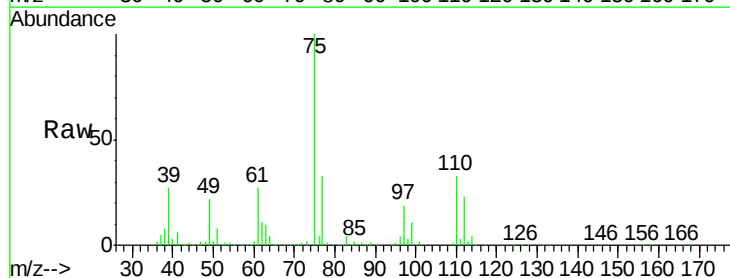
Manual Integrations
 APPROVED

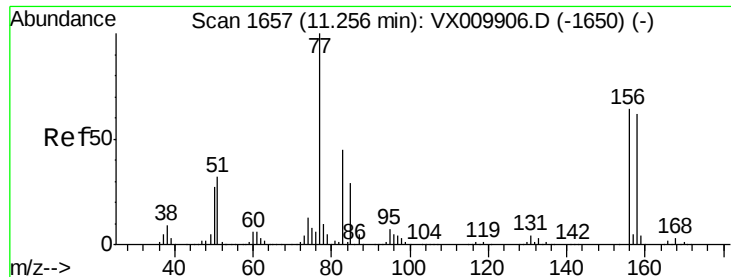
MMDadoda
 6/5/2019 9:26:40 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.468 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	43.8	22.1	66.1	





#77

Bromobenzene

Concen: 19.783 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion:156 Resp: 41589

Ion Ratio Lower Upper

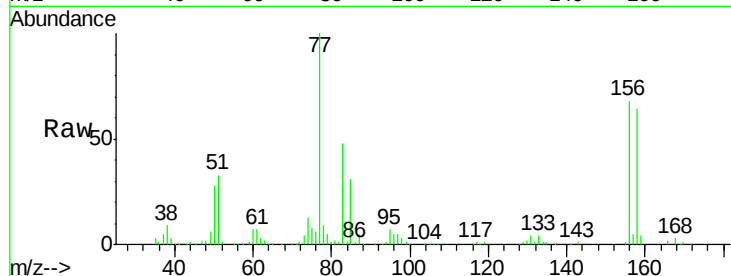
156 100

77 164.2 86.8 260.3

158 96.6 49.6 148.8

Manual Integrations
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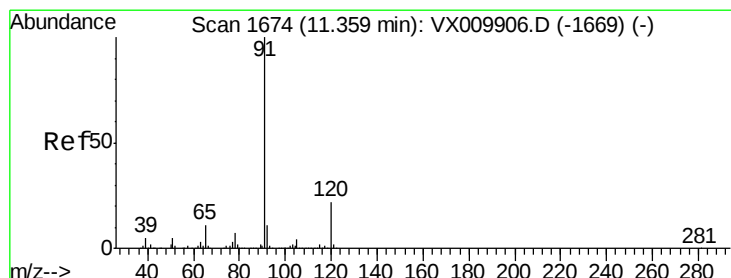
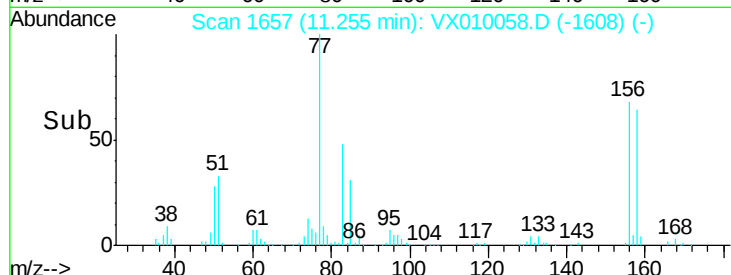
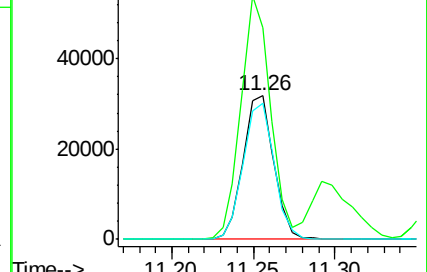
MMDadoda
6/5/2019 9:26:40 AM



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: 19.847 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010058.D

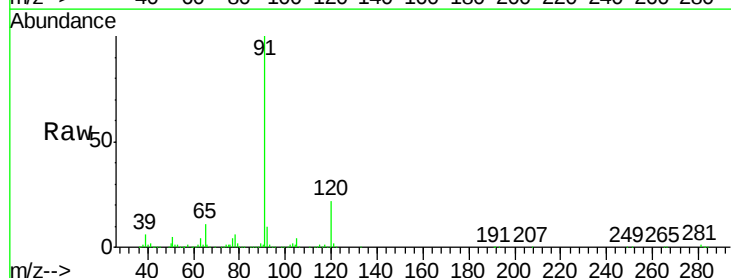
Acq: 04 Jun 2019 13:36

Tgt Ion: 91 Resp: 188712

Ion Ratio Lower Upper

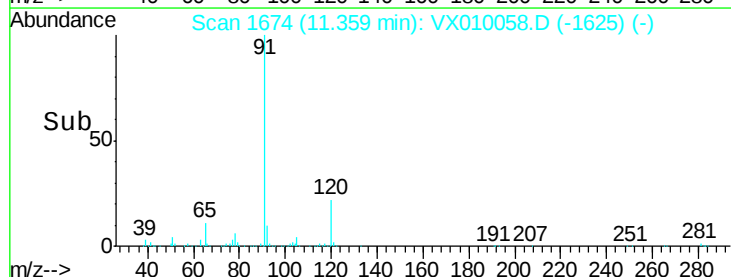
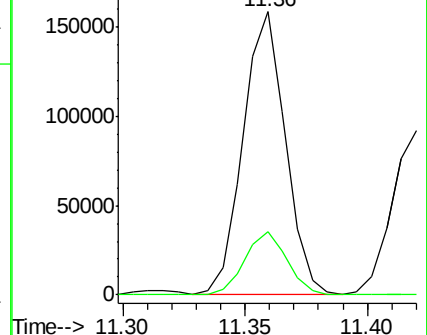
91 100

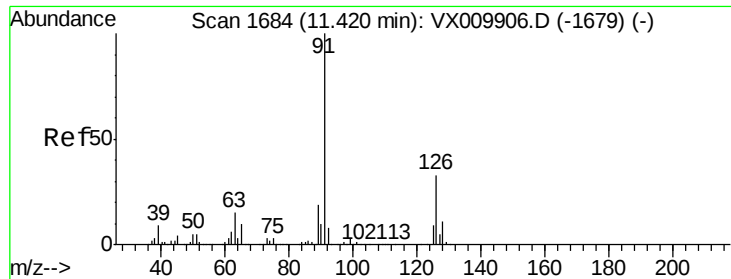
120 22.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





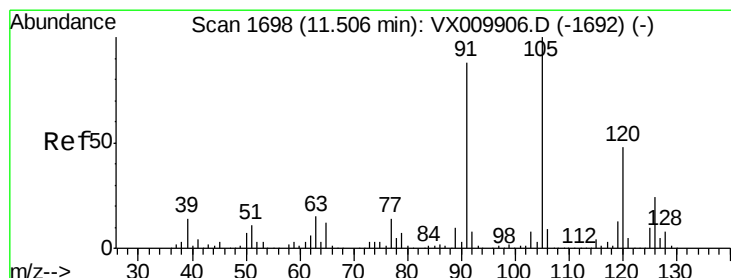
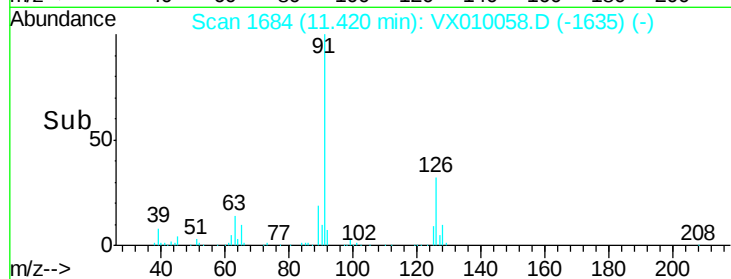
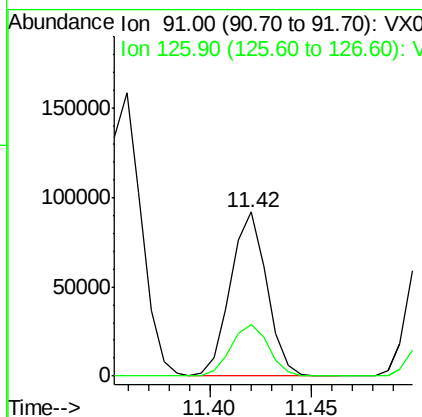
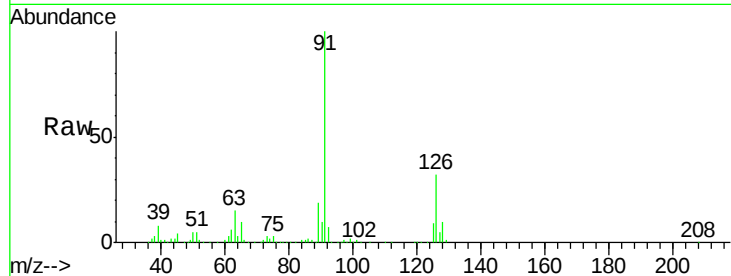
#79
 2-Chlorotoluene
 Concen: 19.394 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion: 91 Resp: 112667
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.1 48.3

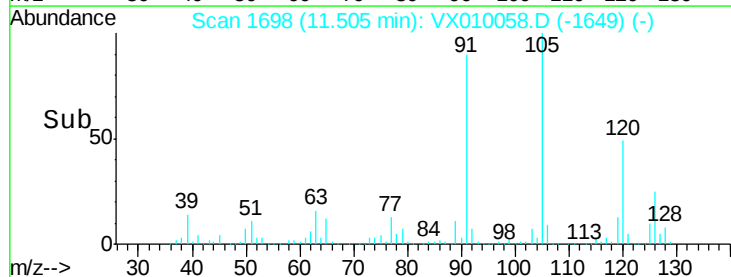
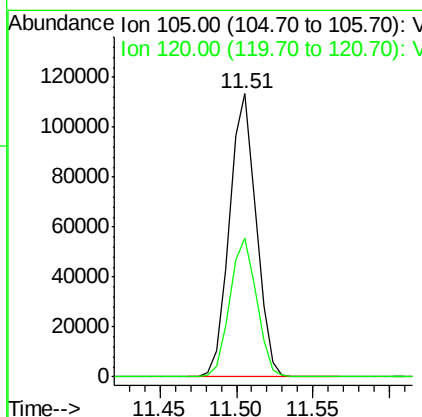
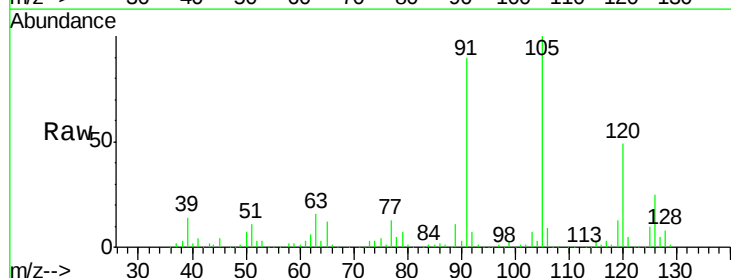
Manual Integrations
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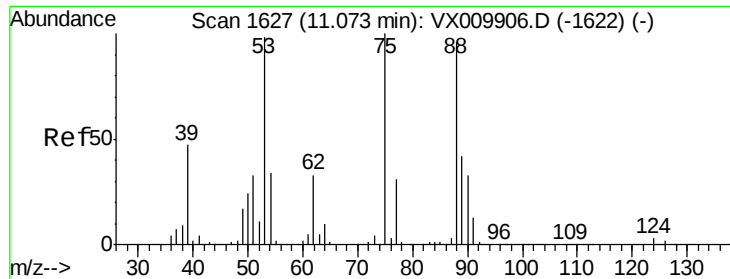
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.697 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion: 105 Resp: 136885
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.3





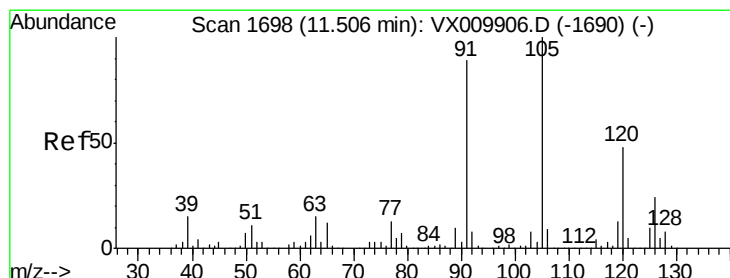
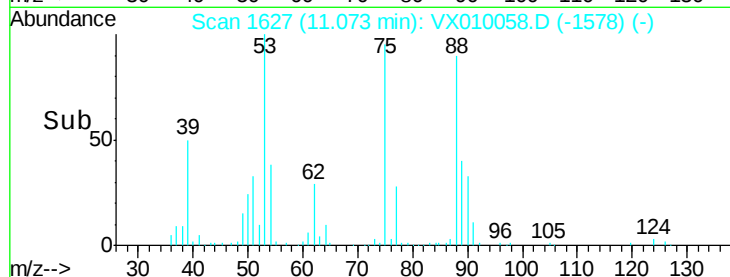
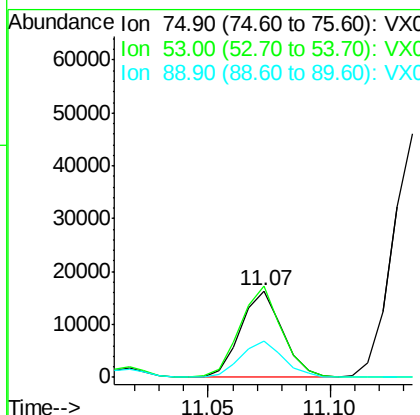
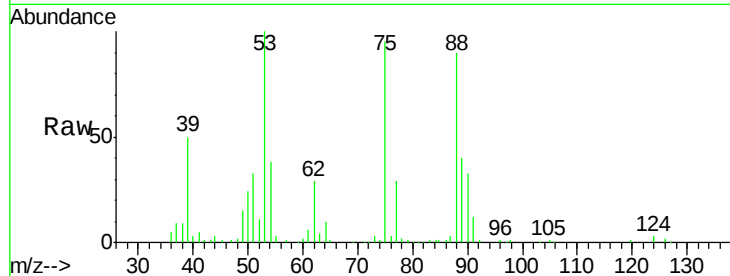
#81
trans-1,4-Dichloro-2-butene
Concen: 17.763 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	79.8	119.6
89	44.3	34.2	51.4

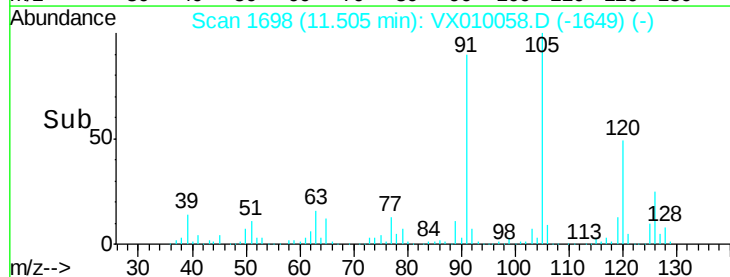
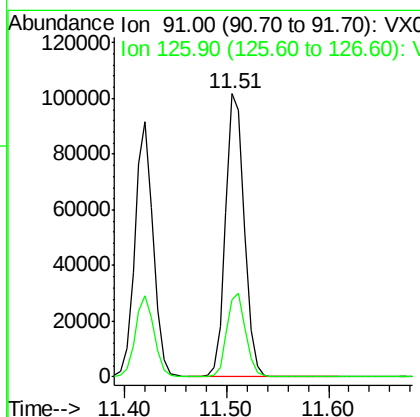
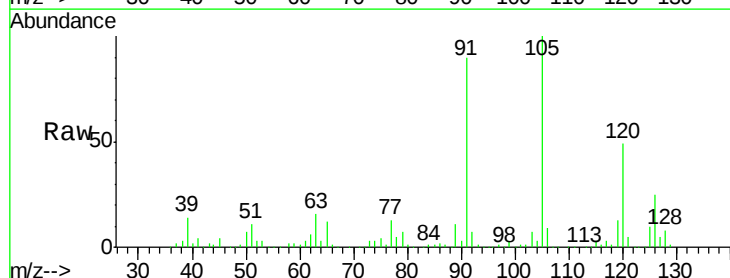
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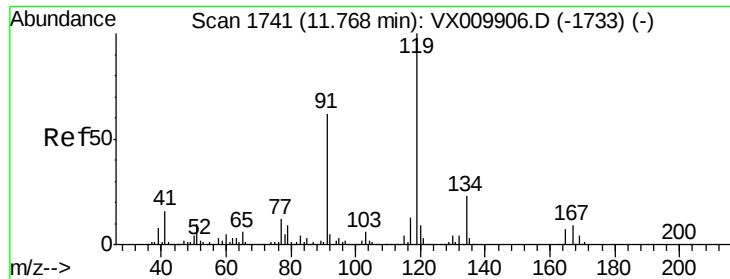
MMDadoda
6/5/2019 9:26:40 AM



#82
4-Chlorotoluene
Concen: 19.158 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6





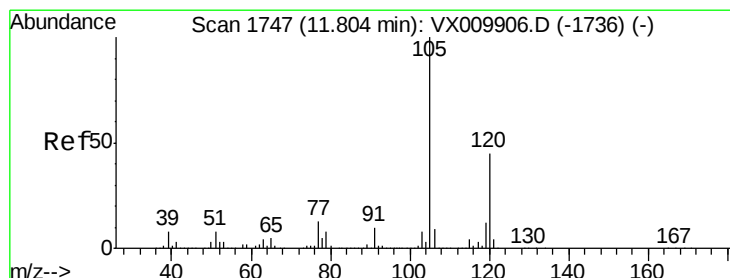
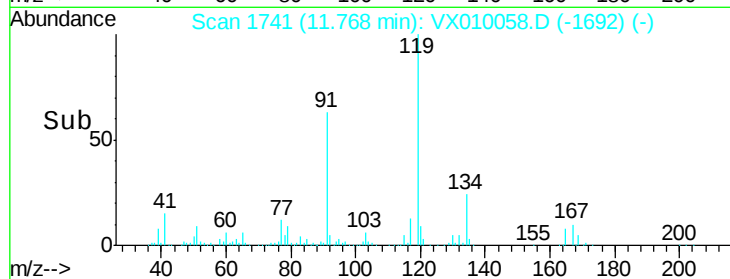
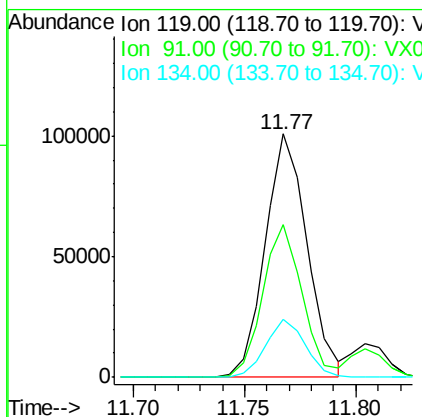
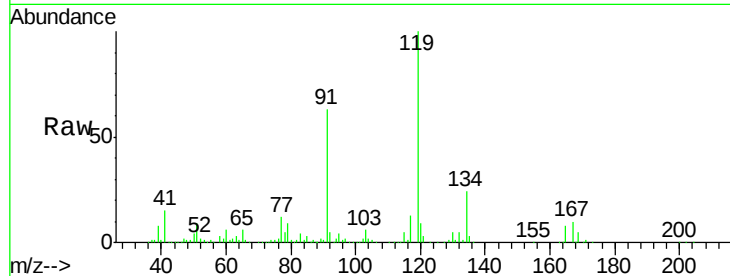
#83
tert-Butylbenzene
Concen: 19.749 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131309		
91	59.7	30.0	90.0	
134	22.8	11.2	33.5	

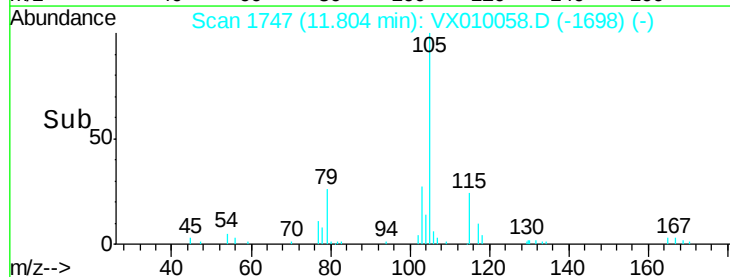
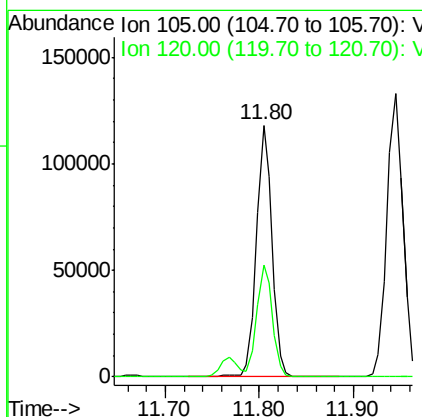
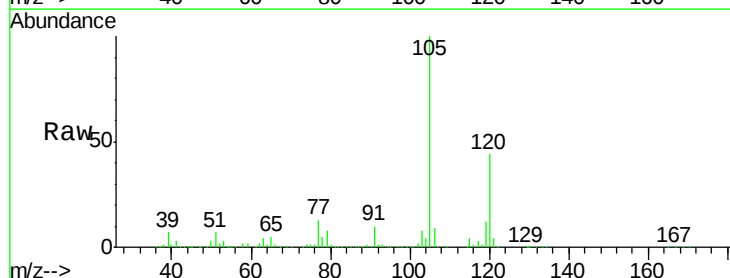
Manual Integrations
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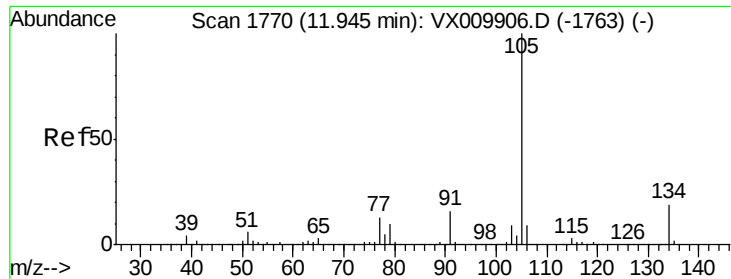
MMDadoda
6/5/2019 9:26:40 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.766 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139501		
120	44.2	22.1	66.1	





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:105 Resp: 159055

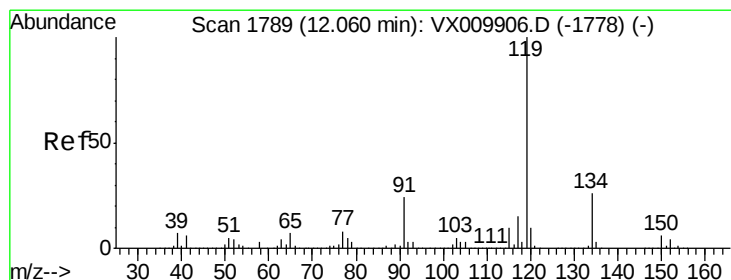
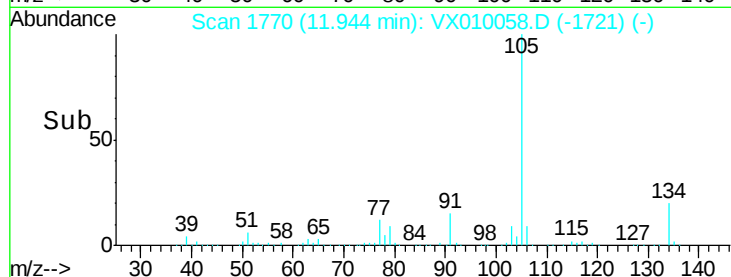
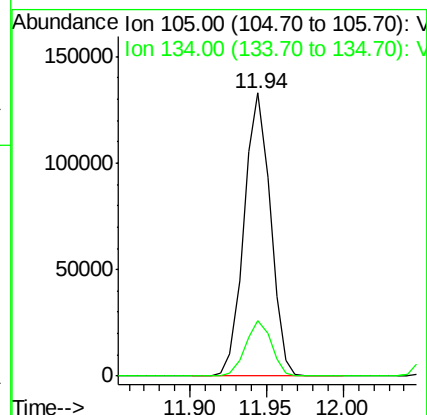
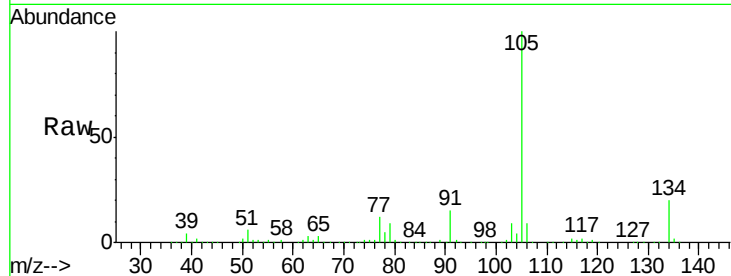
Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.307 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

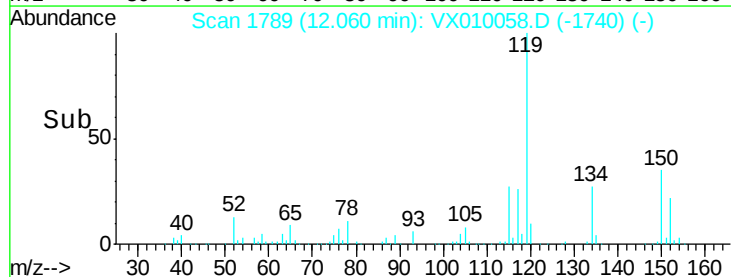
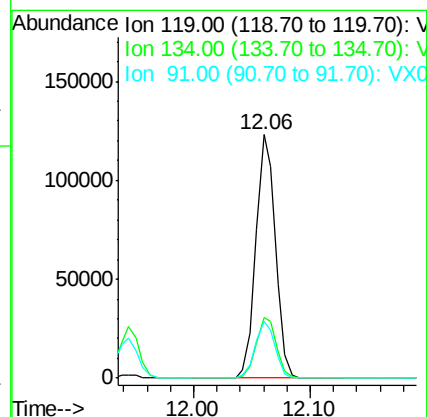
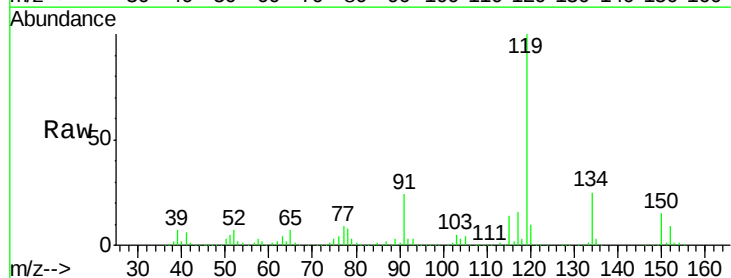
Tgt Ion:119 Resp: 144478

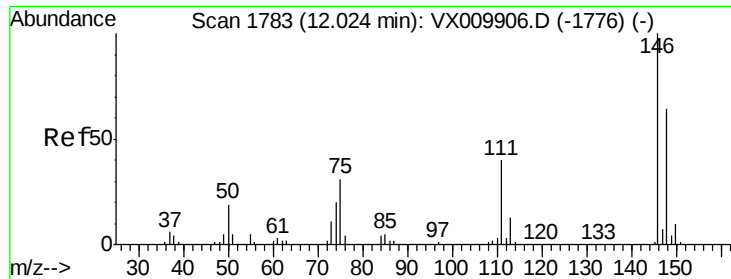
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.7 11.9 35.9





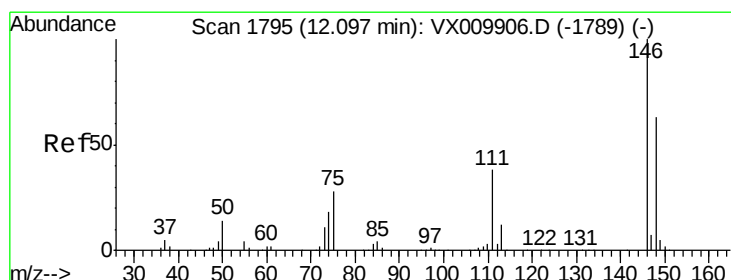
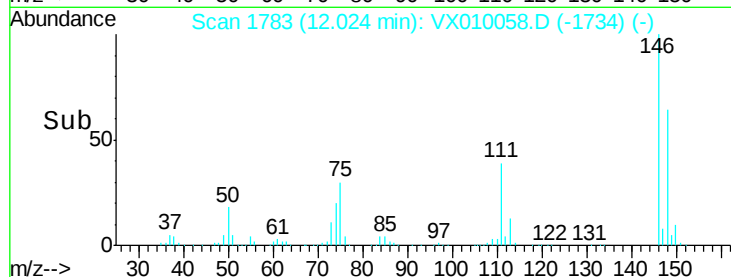
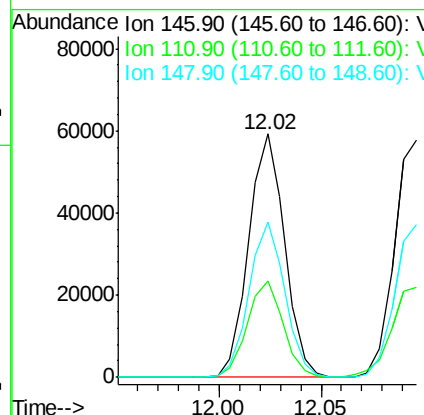
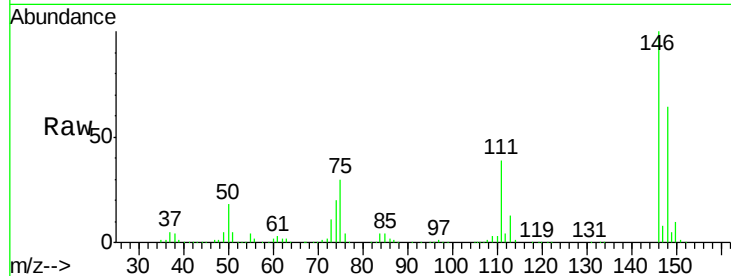
#87
 1,3-Dichlorobenzene
 Concen: 19.365 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	63.8	31.9	95.5

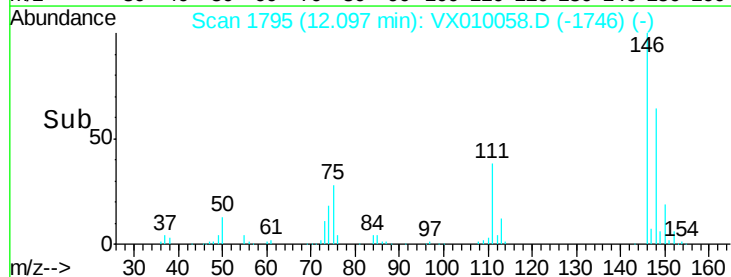
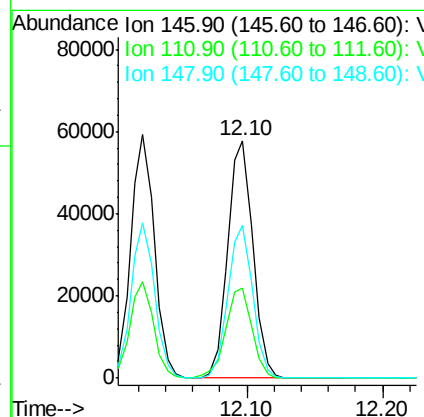
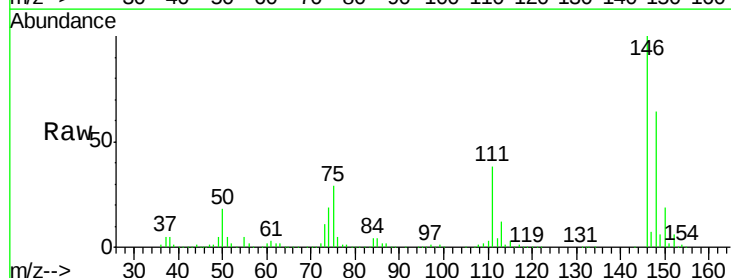
Manual Integrations
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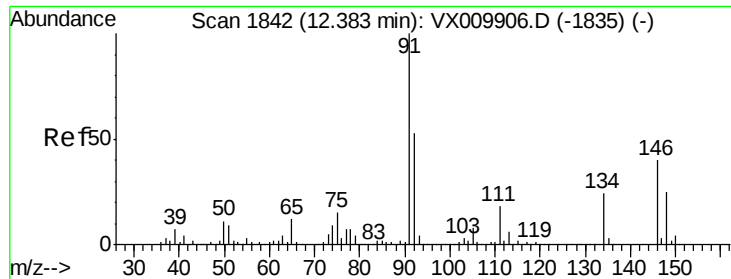
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.358 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	63.5	32.3	96.9





#89

n-Butylbenzene

Concen: 19.445 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Instrument :

MSVOA_X

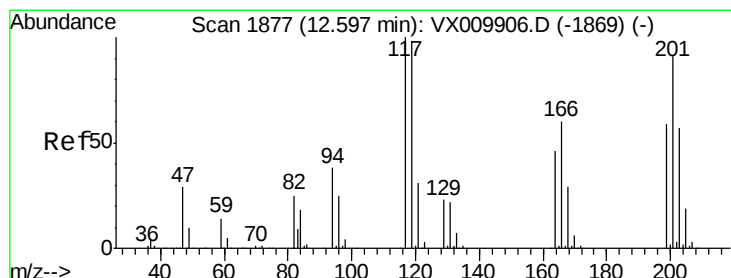
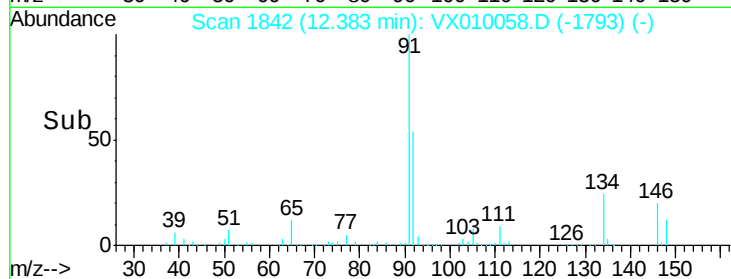
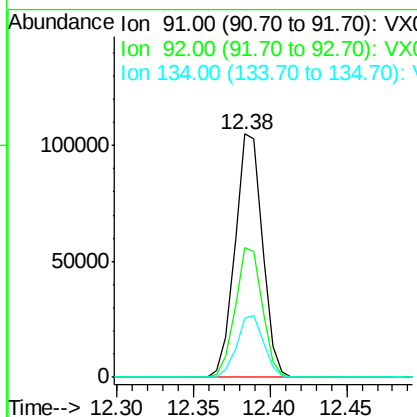
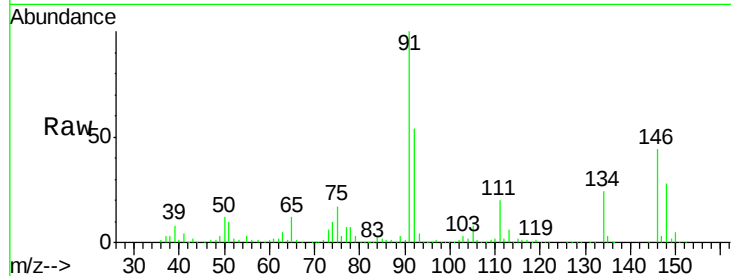
ClientSampleId :

VX0604WBSD01

Tot Ion:	91	Resp:	130015
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.3	78.8
134	24.9	12.3	36.8

Manual Integrations
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#90

Hexachloroethane

Concen: 19.063 ug/l

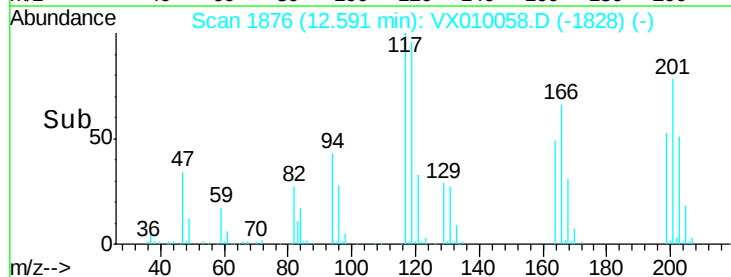
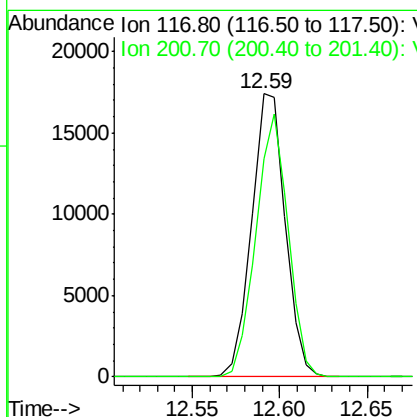
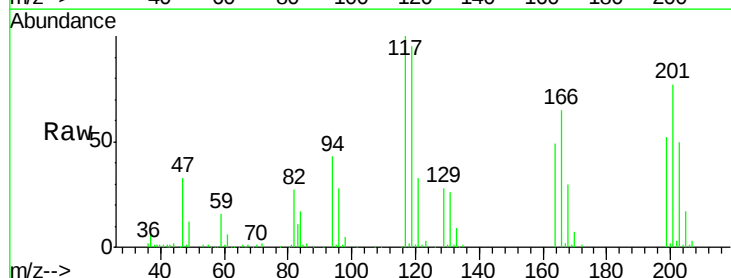
RT: 12.59 min Scan# 1876

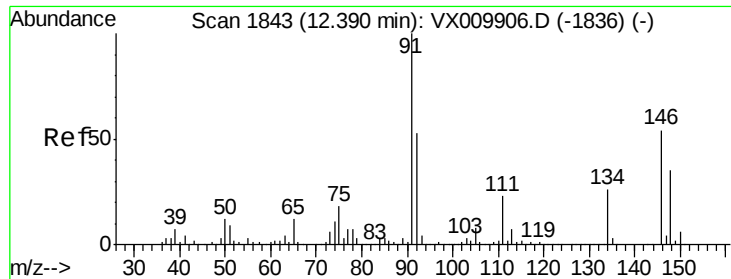
Delta R.T. -0.01 min

Lab File: VX010058.D

Acq: 04 Jun 2019 13:36

Tgt Ion:	117	Resp:	23275
Ion Ratio	Lower	Upper	
117	100		
201	88.7	43.6	130.9





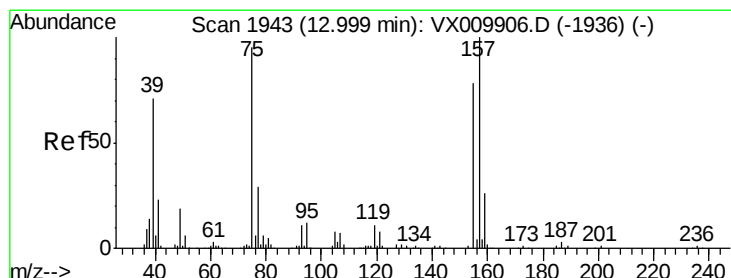
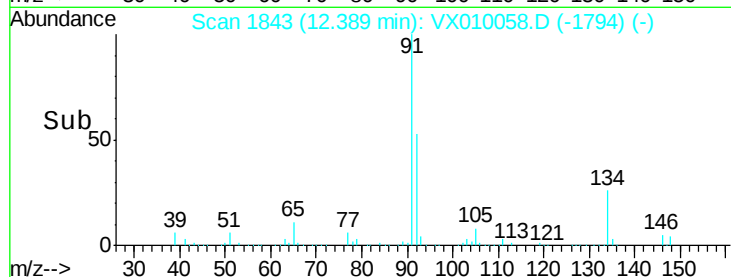
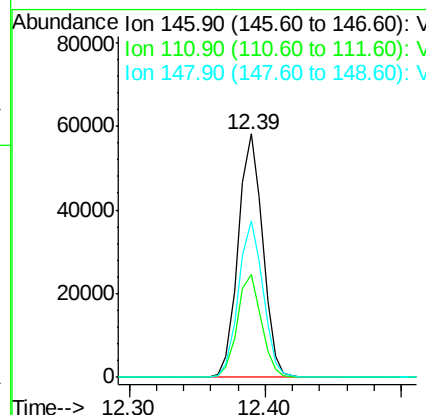
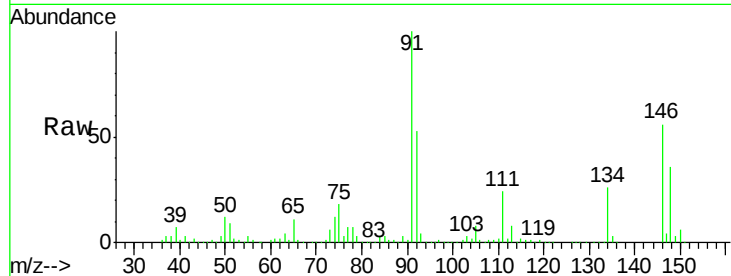
#91
1,2-Dichlorobenzene
Concen: 19.755 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	64.4	32.3	96.8

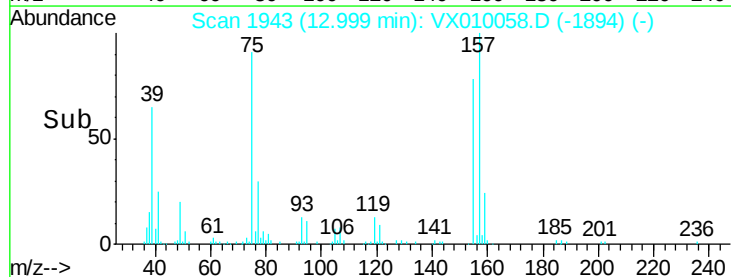
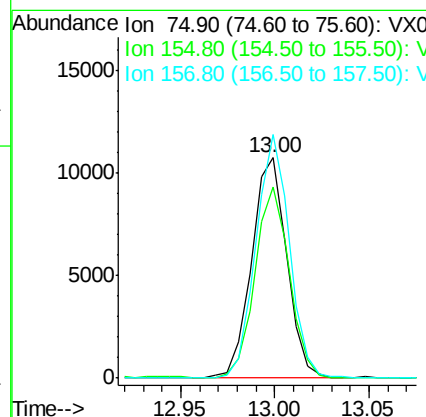
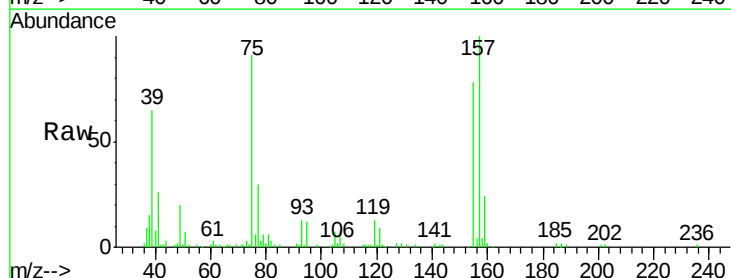
Manual Integrations
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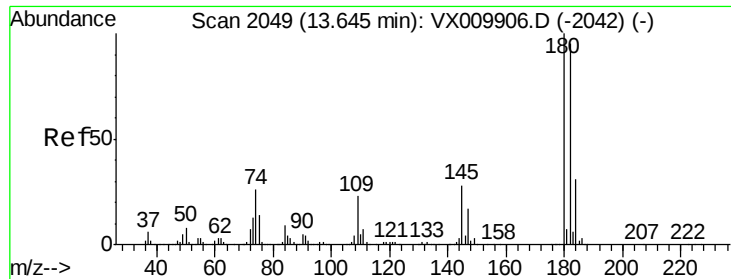
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.089 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	39.3	117.8
157	105.5	50.6	151.8





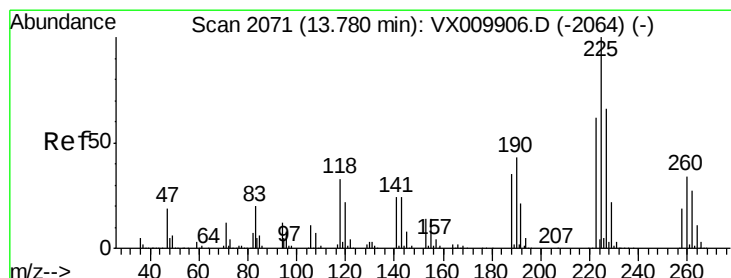
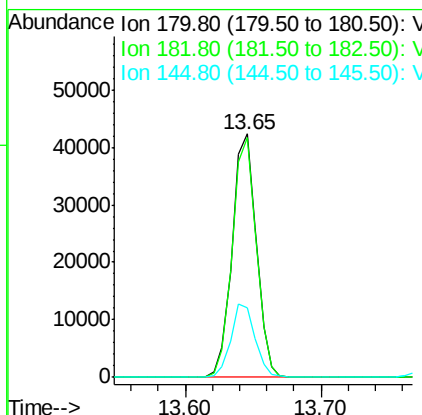
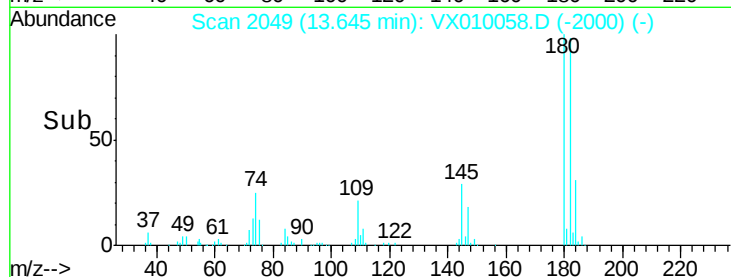
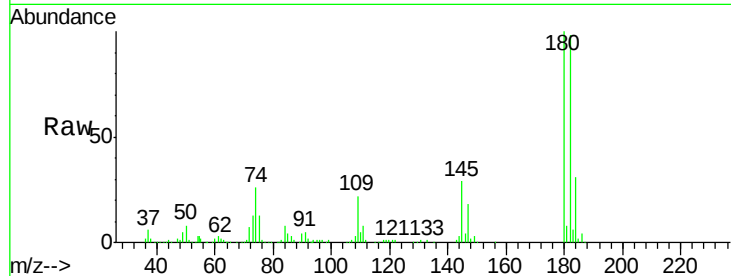
#93
 1,2,4-Trichlorobenzene
 Concen: 19.850 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.4	142.2
145	30.0	14.5	43.5

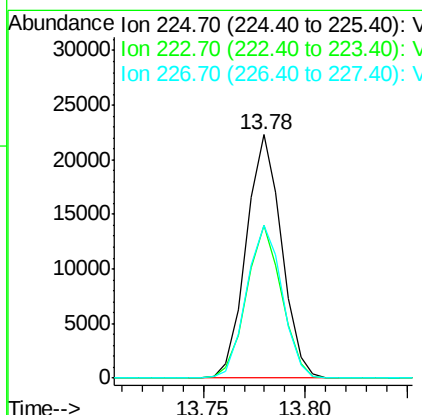
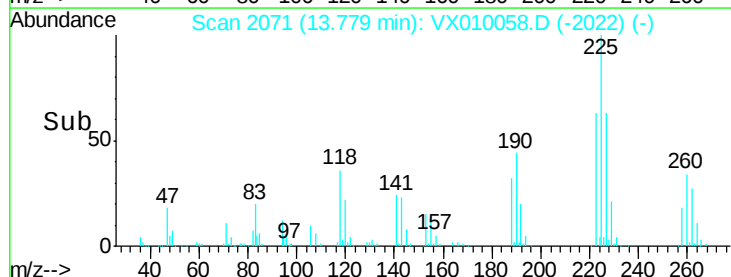
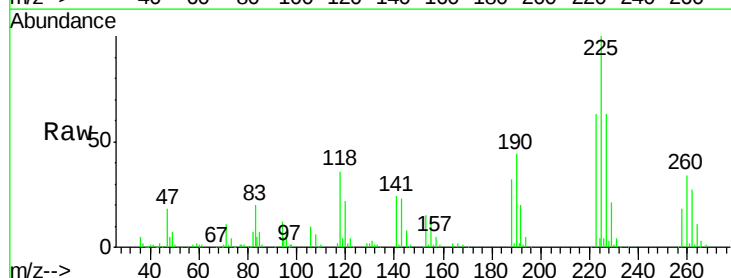
Manual Integrations
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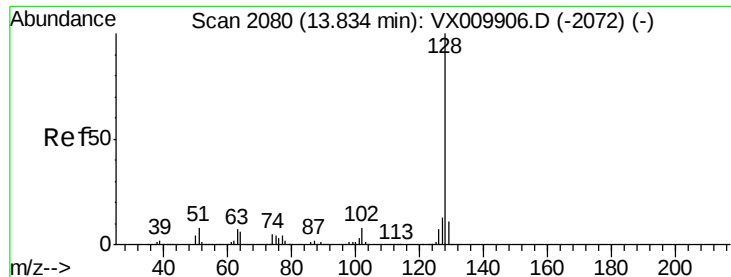
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 6/5/2019 9:26:40 AM



#94
 Hexachlorobutadiene
 Concen: 20.275 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010058.D
 Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.7	32.3	96.8





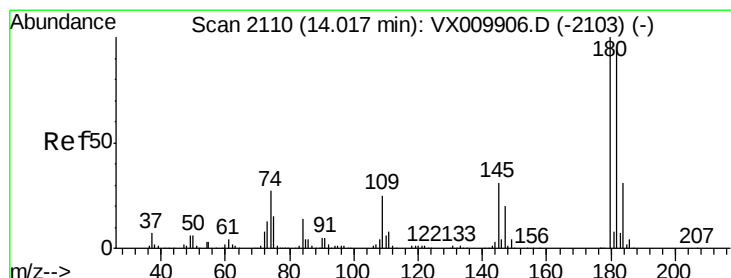
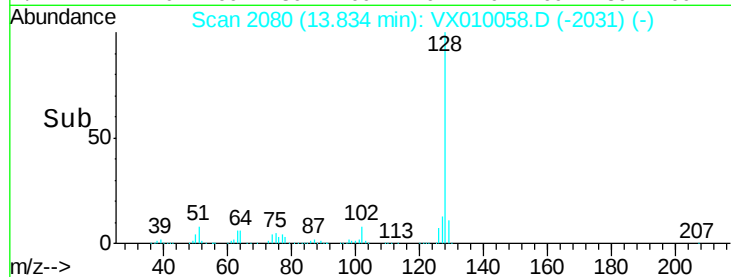
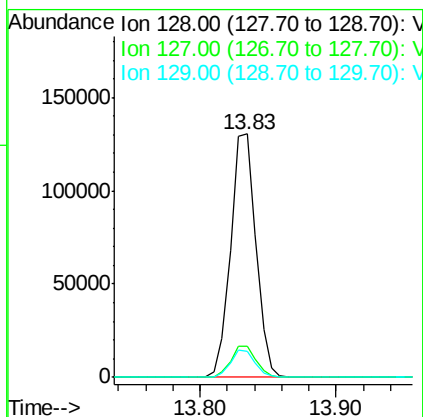
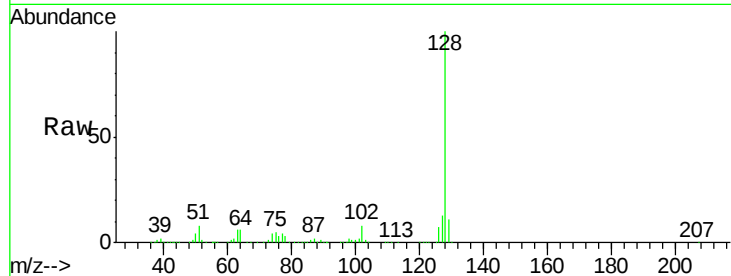
#95
Naphthalene
Concen: 20.581 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/5/2019 9:26:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.274 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010058.D
Acq: 04 Jun 2019 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	31.7	15.6	46.7

