

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010292.D
 Acq On : 14 Jun 2019 11:59
 Operator : JC/SP
 Sample : VX0614WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:35:56 AM

Quant Time: Jun 15 01:33:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137528	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	5.49	113	137920	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	521133	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	191872	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54683	19.784	ug/l	98
3) Chloromethane	1.32	50	50808	18.510	ug/l	99
4) Vinyl Chloride	1.41	62	55957	21.690	ug/l	97
5) Bromomethane	1.64	94	27935	28.695	ug/l	97
6) Chloroethane	1.72	64	32604	25.066	ug/l	99
7) Trichlorofluoromethane	1.93	101	88252	23.029	ug/l	97
8) Diethyl Ether	2.19	74	31129	23.568	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52163	19.747	ug/l	91
10) Methyl Iodide	2.51	142	66213	16.178	ug/l	97
11) Tert butyl alcohol	3.04	59	74735	104.047	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50349	18.661	ug/l #	80
13) Acrolein	2.29	56	8869	67.717	ug/l	96
14) Allyl chloride	2.73	41	72938	17.909	ug/l #	87
15) Acrylonitrile	3.14	53	144088	98.142	ug/l	98
16) Acetone	2.44	43	136595	99.048	ug/l #	86
17) Carbon Disulfide	2.57	76	123125	15.793	ug/l	99
18) Methyl Acetate	2.77	43	61516	20.283	ug/l #	84
19) Methyl tert-butyl Ether	3.19	73	162639	18.763	ug/l	93
20) Methylene Chloride	2.86	84	56720	18.728	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	53768	18.007	ug/l #	77
22) Diisopropyl ether	3.85	45	153605	19.726	ug/l #	91
23) Vinyl Acetate	3.81	43	666464	95.941	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	90298	19.099	ug/l #	93
25) 2-Butanone	4.67	43	203140	98.920	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	78723	18.252	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	64241	19.340	ug/l	76
28) Bromochloromethane	5.01	49	36944	17.436	ug/l #	48
29) Tetrahydrofuran	5.13	42	122439	94.871	ug/l #	74
30) Chloroform	5.21	83	92670	18.874	ug/l	97
31) Cyclohexane	5.58	56	81479	19.096	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	84669	18.343	ug/l	94
36) 1,1-Dichloropropene	5.80	75	67965	18.902	ug/l	92
37) Ethyl Acetate	4.83	43	71652	19.152	ug/l #	90
38) Carbon Tetrachloride	5.78	117	76072	18.691	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93817	19.161	ug/l #	82
40) Benzene	6.14	78	220530	19.834	ug/l	99
41) Methacrylonitrile	5.04	41	39887	19.710	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	68335	19.252	ug/l	93
43) Isopropyl Acetate	6.44	43	120938	19.334	ug/l #	90
44) Trichloroethene	7.21	130	65410	19.517	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56104	20.160	ug/l	95
46) Dibromomethane	7.66	93	39585	18.987	ug/l	91
47) Bromodichloromethane	7.90	83	73192	18.788	ug/l #	99
48) Methyl methacrylate	7.77	41	55174	18.860	ug/l #	73
49) 1,4-Dioxane	7.74	88	32371	388.111	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	388718	104.022	ug/l	90
52) Toluene	8.78	92	143426	19.624	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82158	18.232	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90113	18.654	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	60127	20.088	ug/l	98
56) Ethyl methacrylate	9.18	69	91864	19.429	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	94122	19.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	175718	78.832	ug/l #	86
59) 2-Hexanone	9.49	43	305654	102.587	ug/l	87
60) Dibromochloromethane	9.58	129	66463	18.772	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63967	19.188	ug/l	98
64) Tetrachloroethene	9.34	164	64682	21.696	ug/l	99
65) Chlorobenzene	10.13	112	166467	20.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60689	19.049	ug/l	98
67) Ethyl Benzene	10.25	91	278944	19.779	ug/l	93
68) m/p-Xylenes	10.36	106	220336	40.374	ug/l	89
69) o-Xylene	10.69	106	106920	19.709	ug/l	89
70) Styrene	10.71	104	180889	19.687	ug/l	94
71) Bromoform	10.85	173	53080	18.123	ug/l #	99
73) Isopropylbenzene	11.02	105	283473	19.215	ug/l	95
74) N-amyl acetate	10.90	43	106974	18.344	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	94889	18.790	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78177m	18.494	ug/l	
77) Bromobenzene	11.26	156	77616	19.132	ug/l	80
78) n-propylbenzene	11.36	91	313927	19.114	ug/l	93
79) 2-Chlorotoluene	11.42	91	184025	18.656	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	236925	19.067	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	31390	16.407	ug/l	86
82) 4-Chlorotoluene	11.51	91	211169	18.845	ug/l	90
83) tert-Butylbenzene	11.77	119	237760	18.905	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	239552	19.086	ug/l	96
85) sec-Butylbenzene	11.94	105	282570	19.285	ug/l	95
86) p-Isopropyltoluene	12.06	119	260875	19.476	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	137711	19.271	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	138298	19.199	ug/l	98
89) n-Butylbenzene	12.38	91	224523	19.473	ug/l	97
90) Hexachloroethane	12.59	117	44854	16.810	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	140148	20.174	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19953	16.791	ug/l	67

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ClientSampleId :
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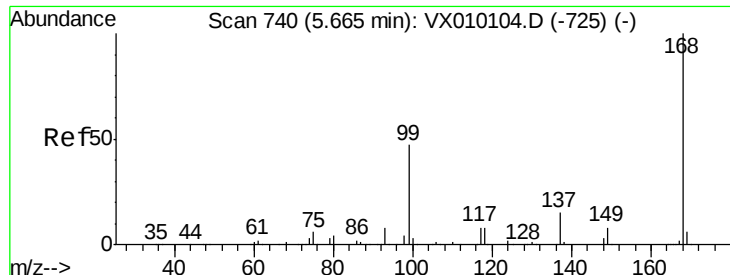
Manual Integrations
APPROVED

MMDadoda
6/17/2019 10:35:56 AM

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QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98744	19.418	ug/l	98
94) Hexachlorobutadiene	13.78	225	47550	21.025	ug/l	98
95) Naphthalene	13.83	128	303689	18.971	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100023	19.893	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion:168 Resp: 300384

Ion Ratio Lower Upper

168 100

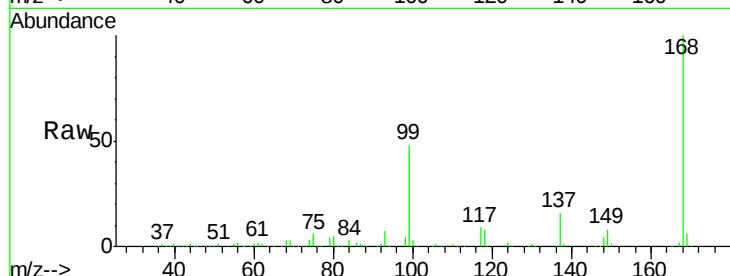
99 47.7 43.0 64.6

Manual Integrations

APPROVED

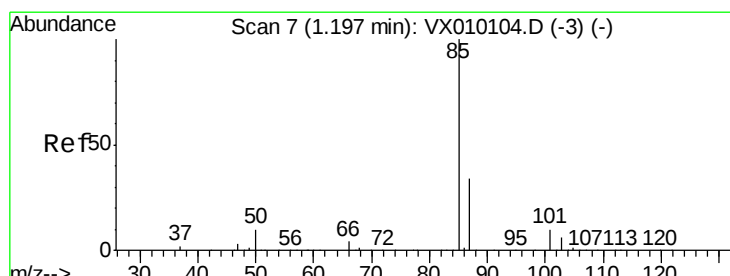
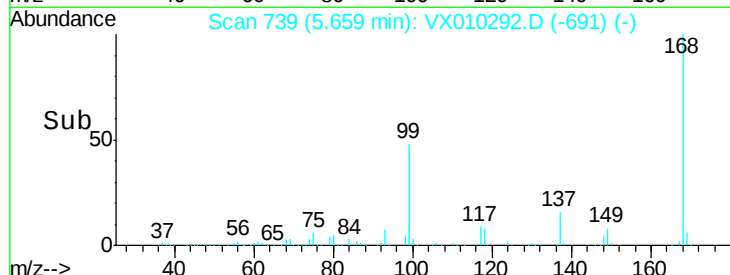
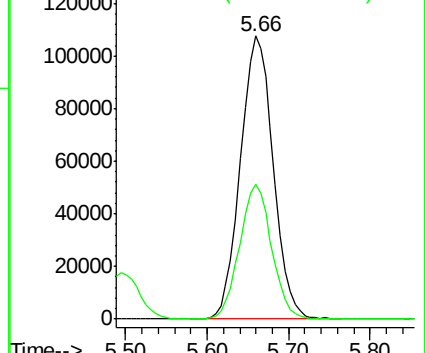
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.784 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010292.D

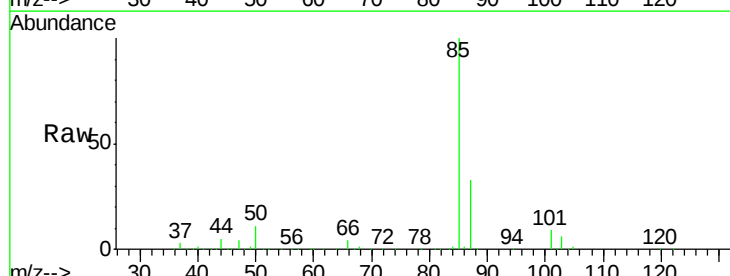
Acq: 14 Jun 2019 11:59

Tgt Ion: 85 Resp: 54683

Ion Ratio Lower Upper

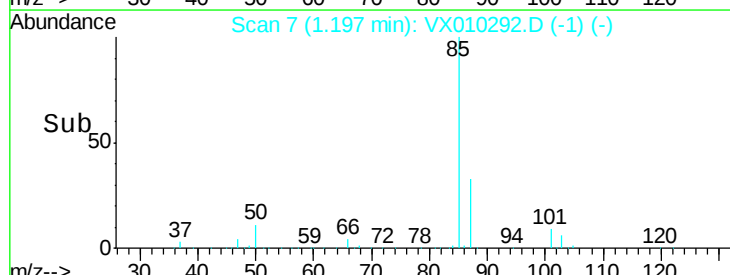
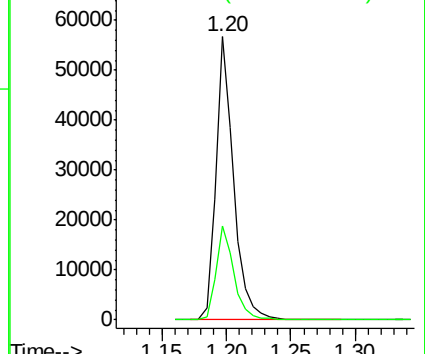
85 100

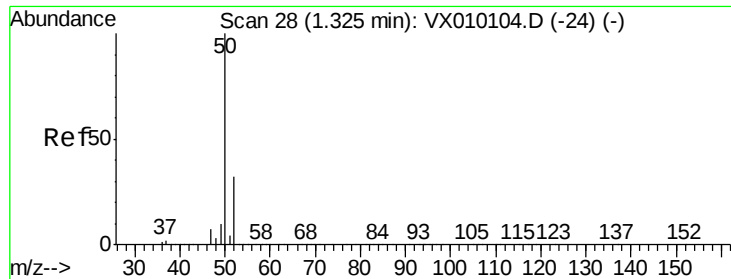
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.510 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 50 Resp: 50808

Ion Ratio Lower Upper

50 100

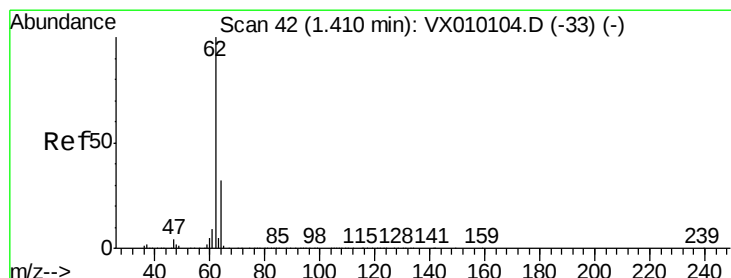
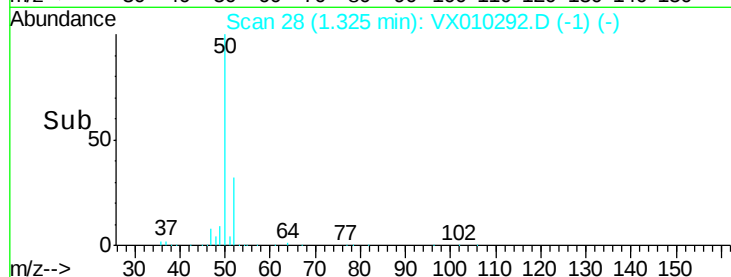
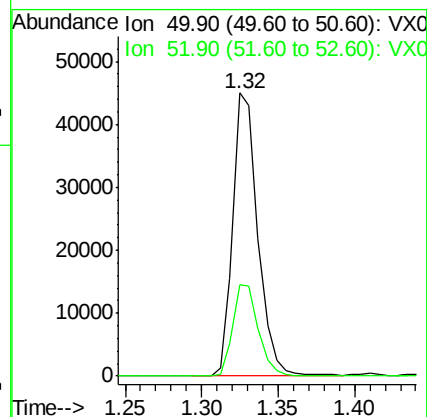
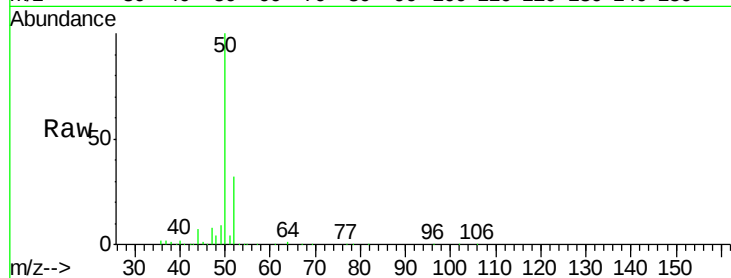
52 32.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.690 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010292.D

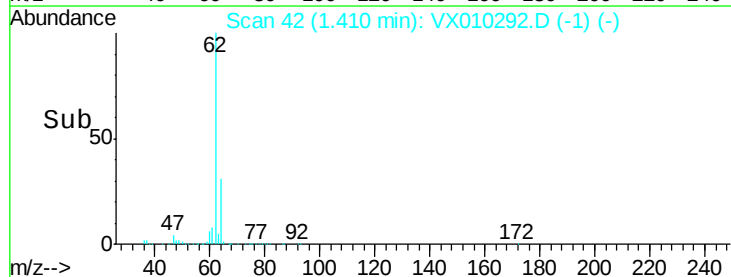
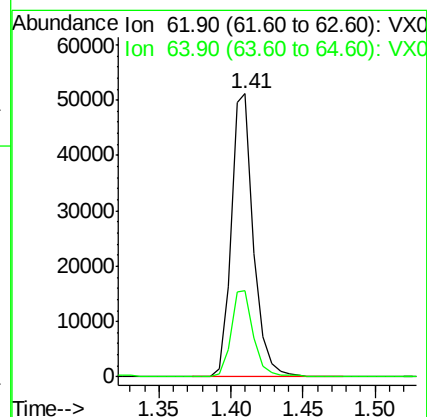
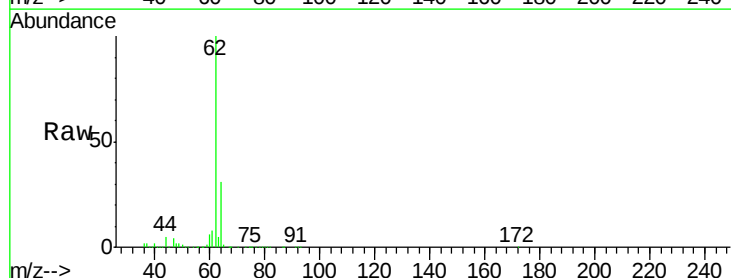
Acq: 14 Jun 2019 11:59

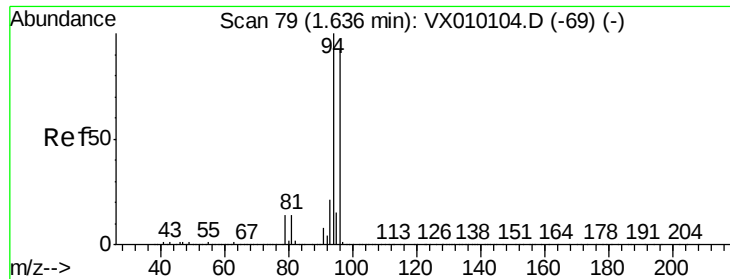
Tgt Ion: 62 Resp: 55957

Ion Ratio Lower Upper

62 100

64 30.3 25.7 38.5





#5

Bromomethane

Concen: 28.695 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 94 Resp: 27935

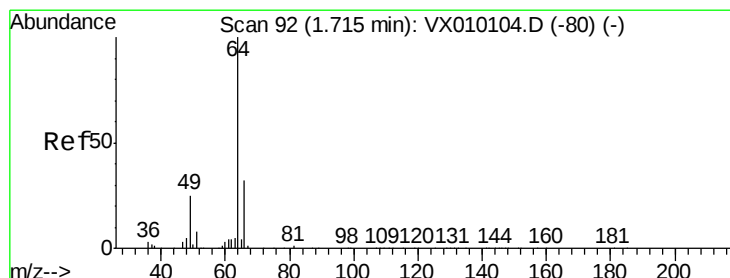
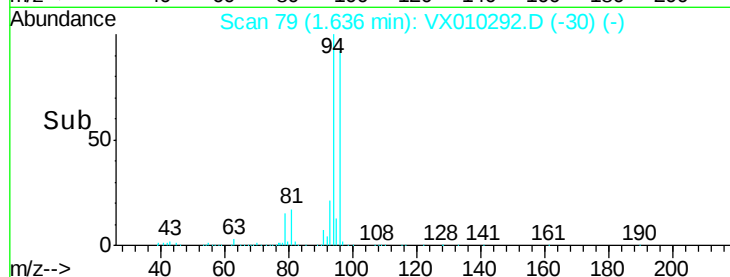
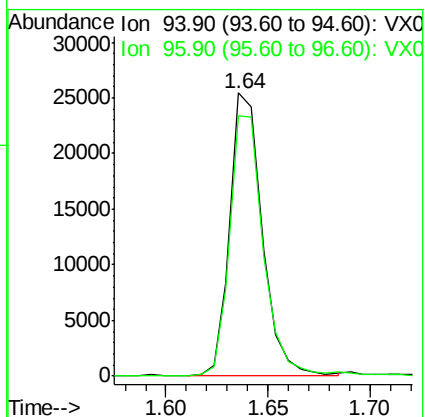
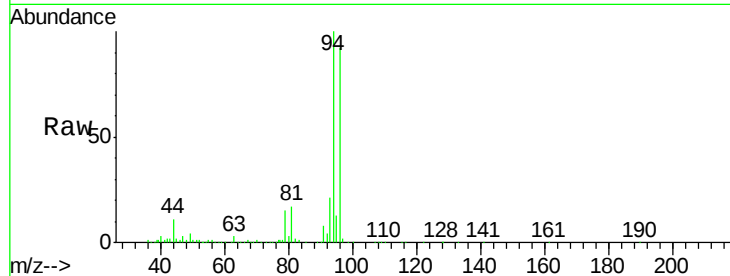
Ion Ratio Lower Upper

94 100

96 92.3 76.2 114.4

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#6

Chloroethane

Concen: 25.066 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010292.D

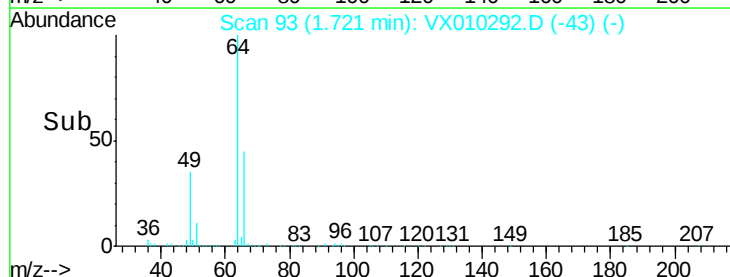
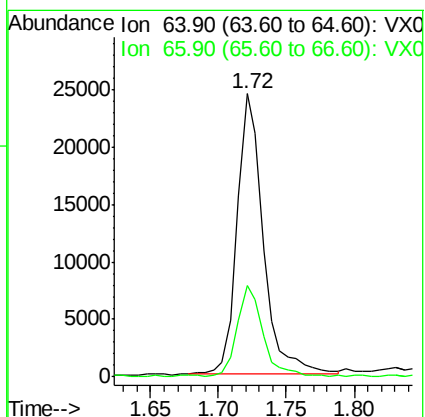
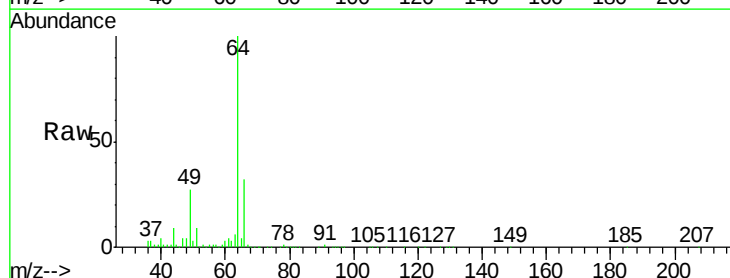
Acq: 14 Jun 2019 11:59

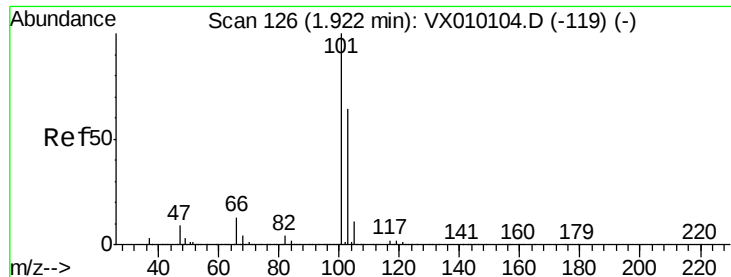
Tgt Ion: 64 Resp: 32604

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7





#7

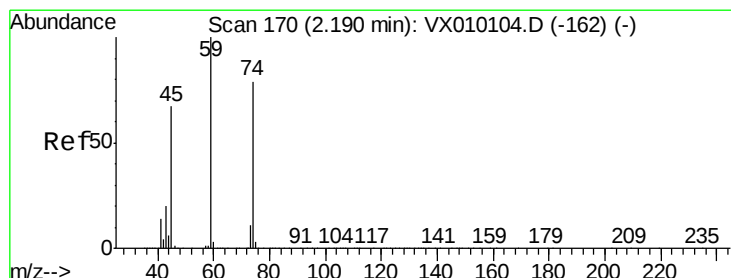
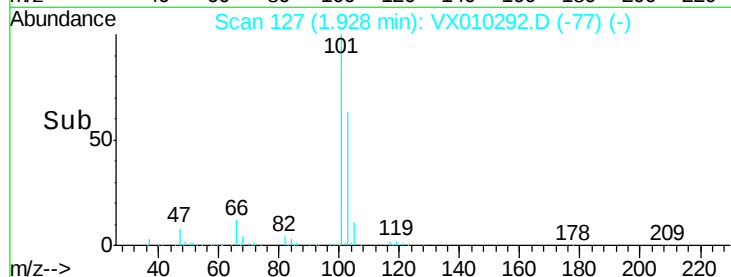
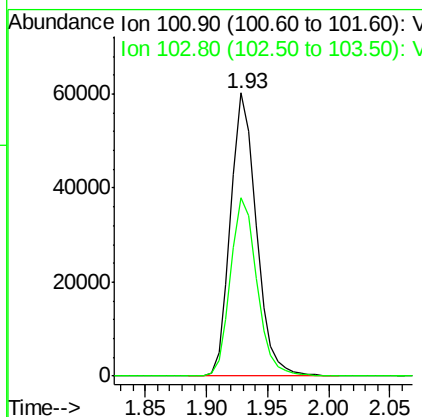
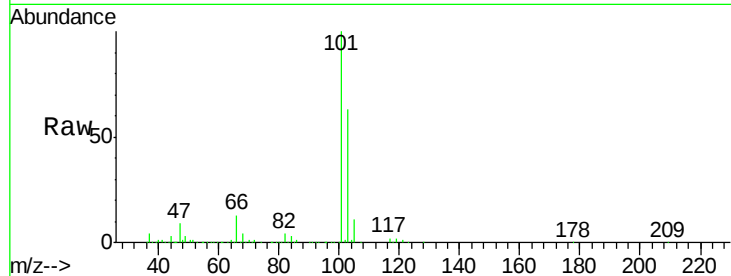
Trichlorofluoromethane
Concen: 23.029 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
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ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.2	78.4

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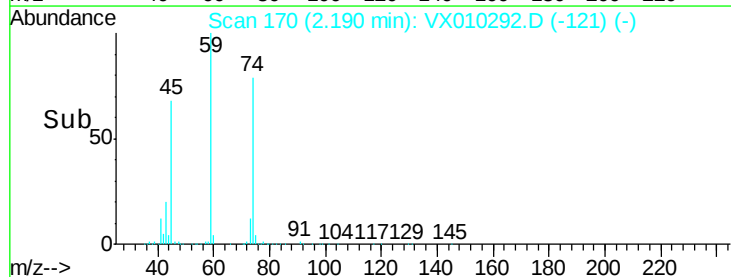
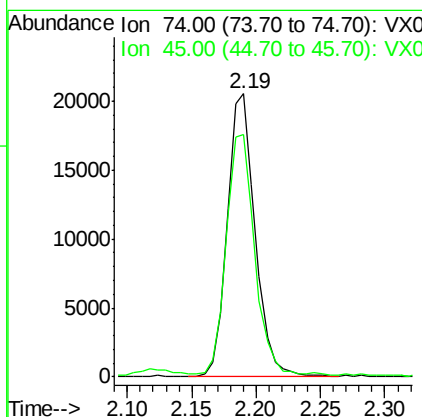
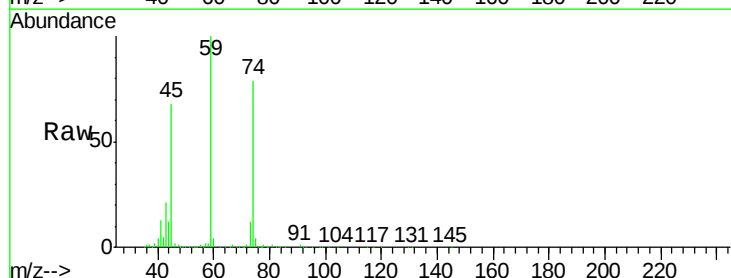
MMDadoda
6/17/2019 10:35:56 AM

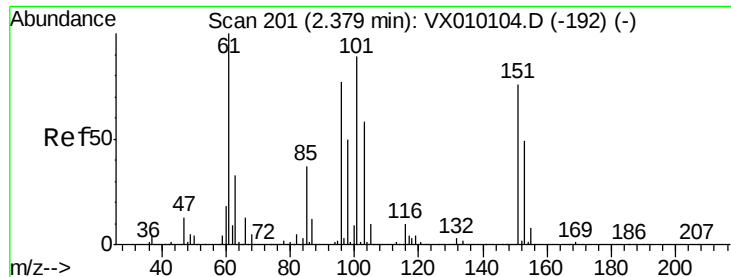


#8

Diethyl Ether
Concen: 23.568 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.3	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.747 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

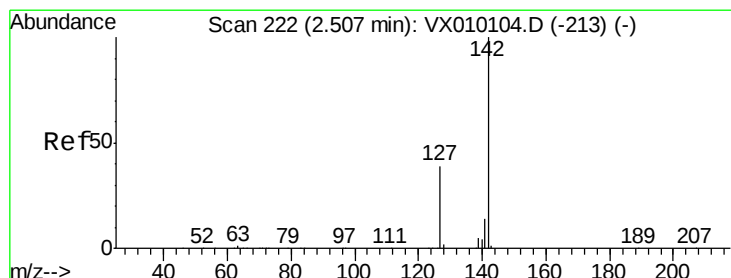
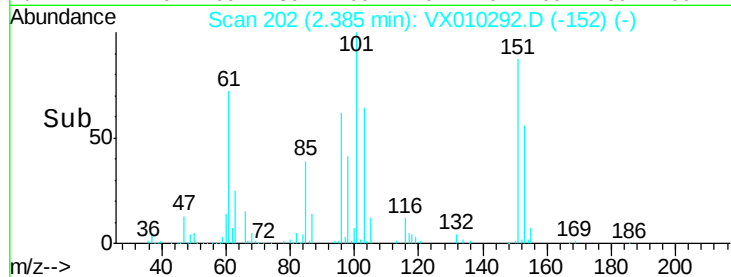
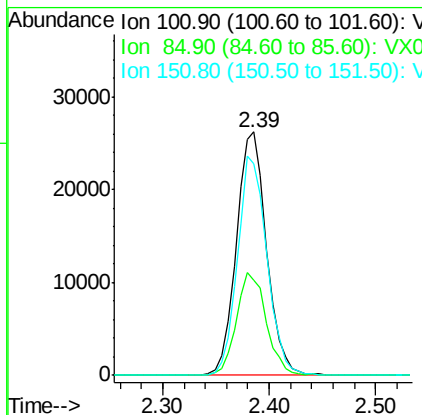
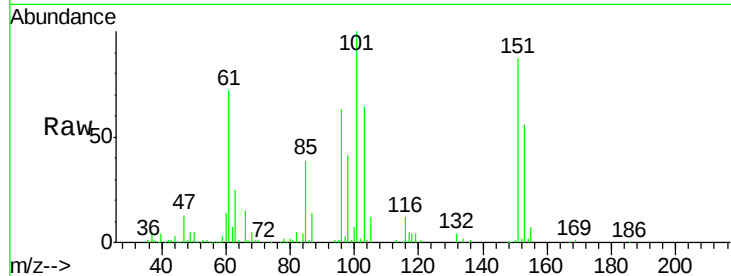
ClientSampleId :

VX0614WBS01

Tot Ion:	101	Resp:	52163
Ion Ratio	Lower	Upper	
101	100		
85	42.1	35.2	52.8
151	88.1	61.9	92.9

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#10

Methyl Iodide

Concen: 16.178 ug/l

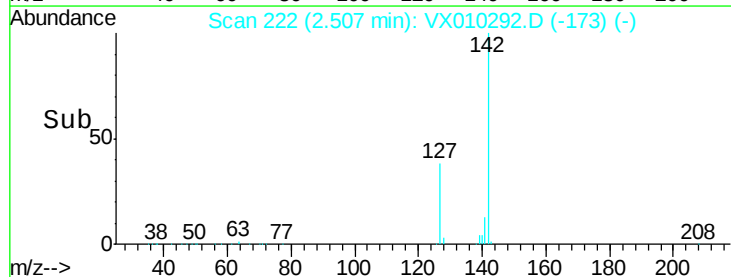
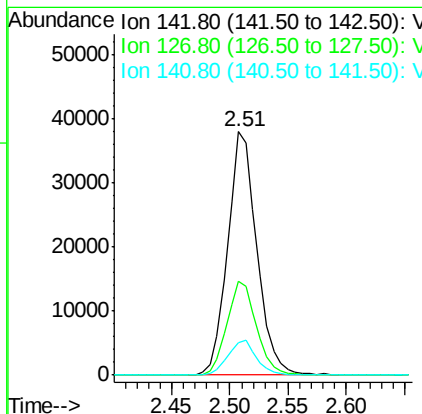
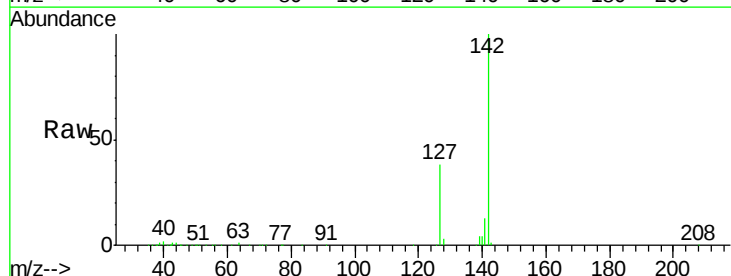
RT: 2.51 min Scan# 222

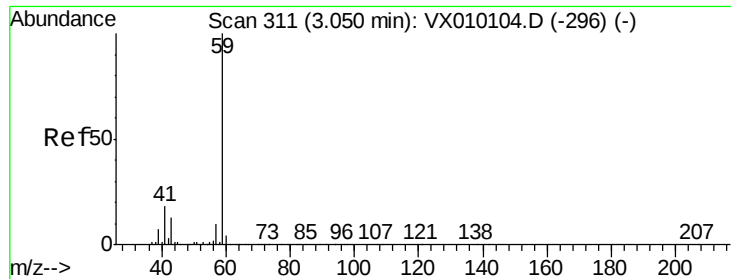
Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion:	142	Resp:	66213
Ion Ratio	Lower	Upper	
142	100		
127	39.1	33.0	49.4
141	14.1	11.4	17.0





#11

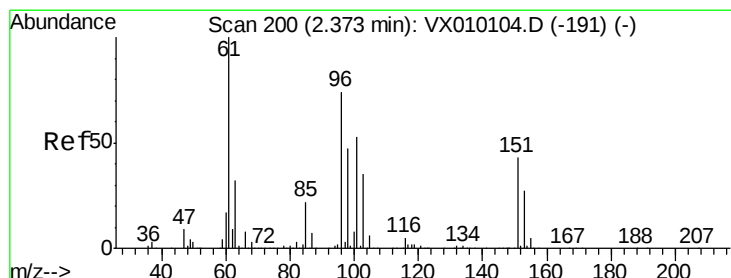
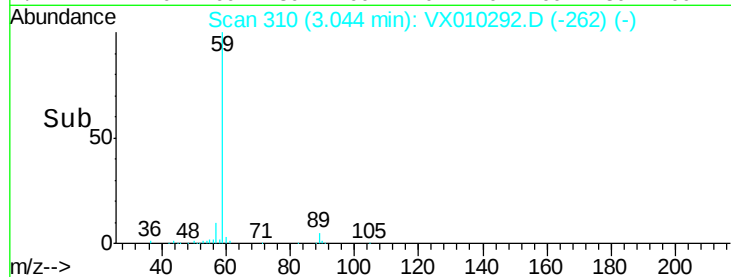
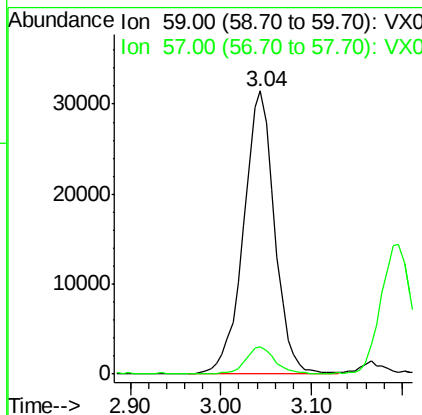
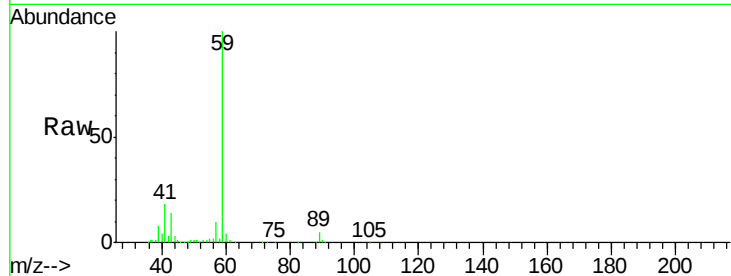
Tert butyl alcohol
Concen: 104.047 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	74735		
57	57	9.3		8.2	12.2

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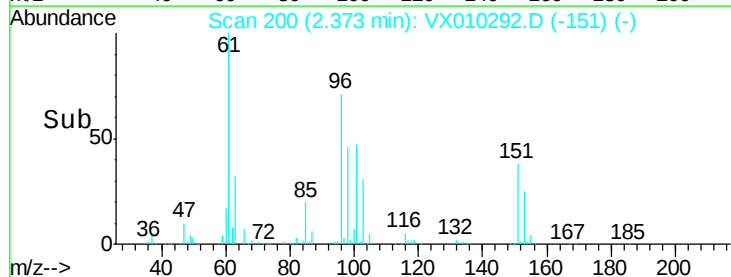
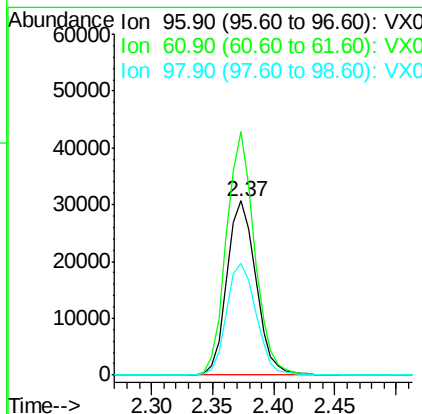
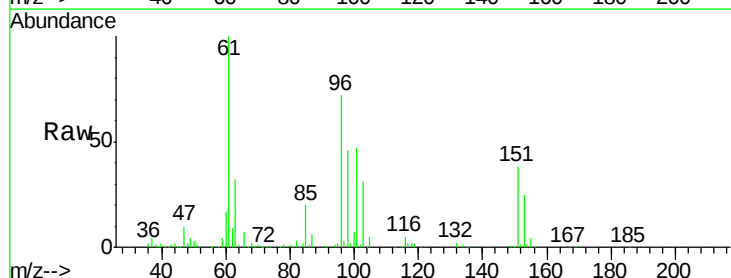
MMDadoda
6/17/2019 10:35:56 AM

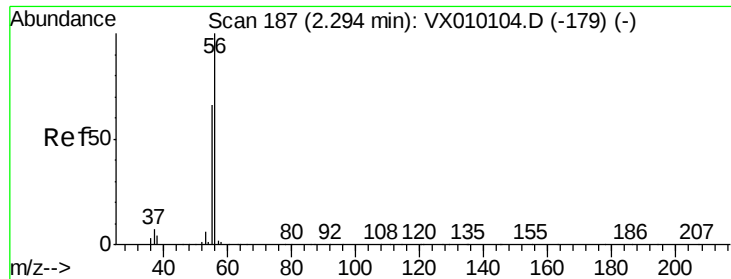


#12

1,1-Dichloroethene
Concen: 18.661 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	50349		
61	61	139.6		140.7	211.1#
98	98	63.8		50.1	75.1





#13

Acrolein

Concen: 67.717 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 56 Resp: 8869

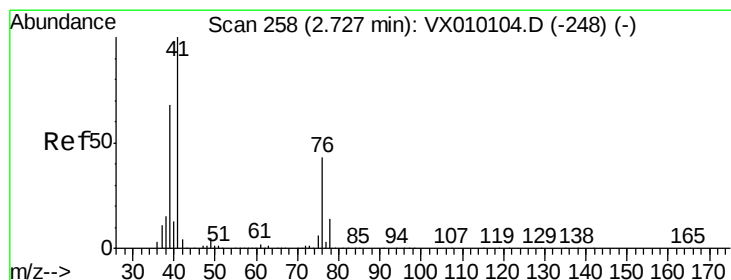
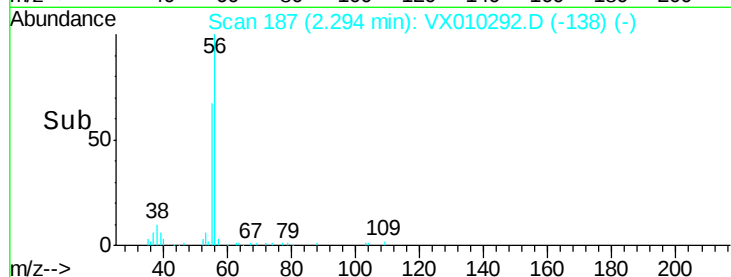
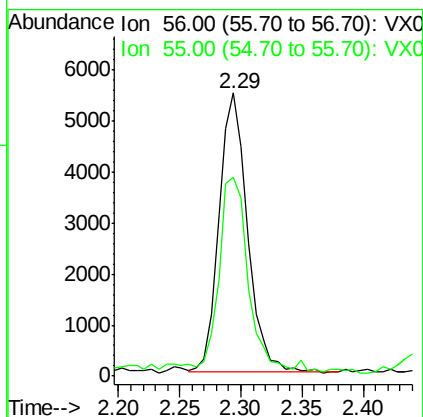
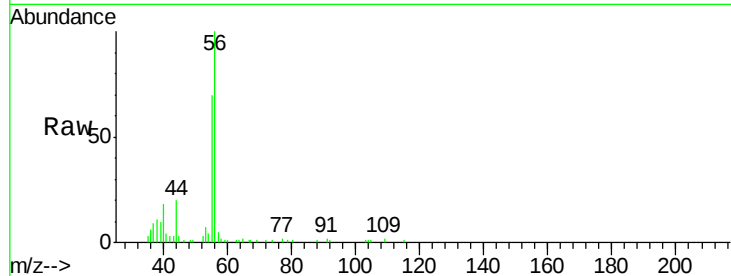
Ion Ratio Lower Upper

56 100

55 68.0 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 17.909 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

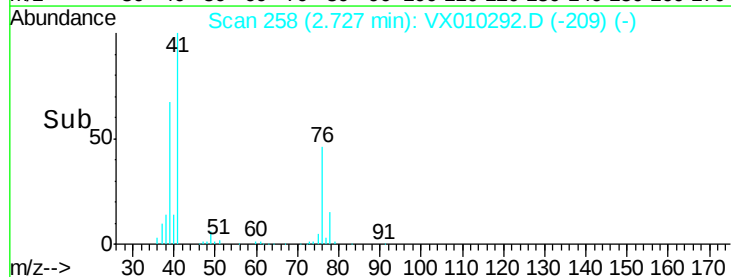
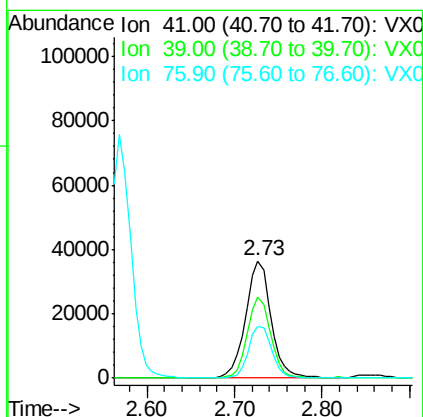
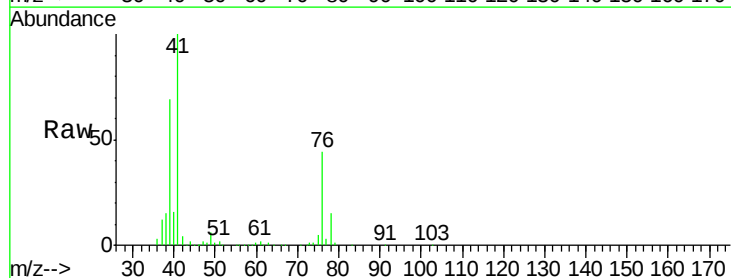
Tgt Ion: 41 Resp: 72938

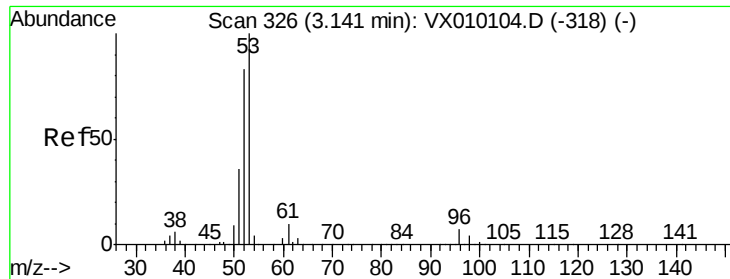
Ion Ratio Lower Upper

41 100

39 63.1 46.7 70.1

76 40.3 21.0 31.4#





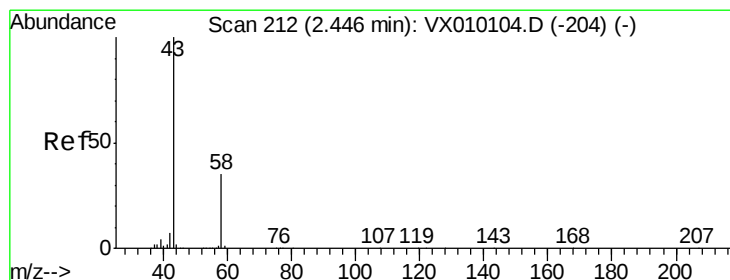
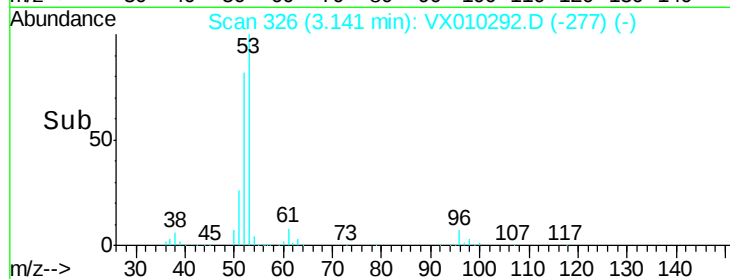
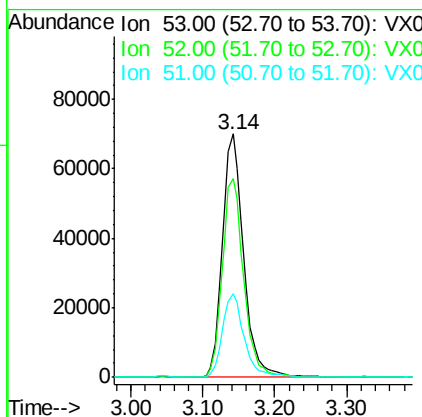
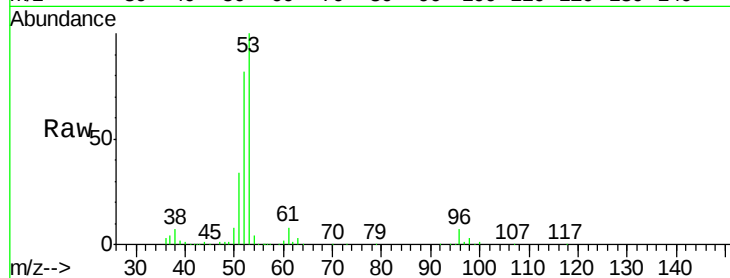
#15
 Acrylonitrile
 Concen: 98.142 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	34.7	28.8	43.2

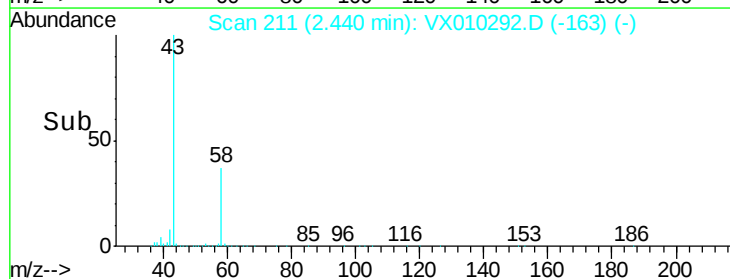
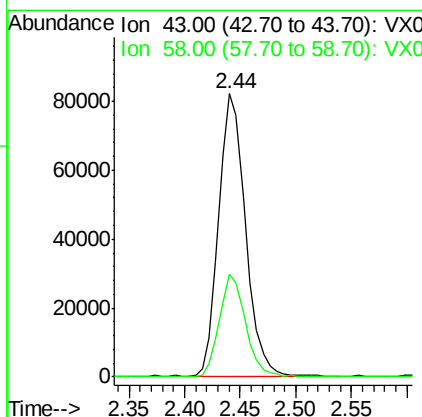
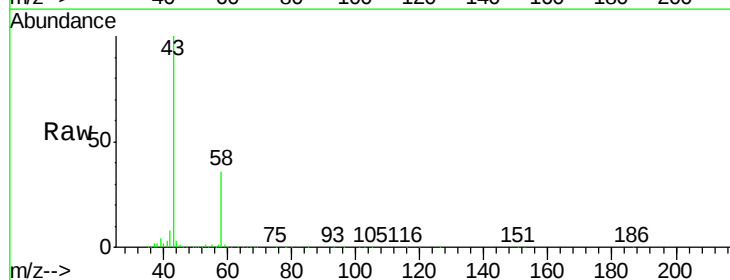
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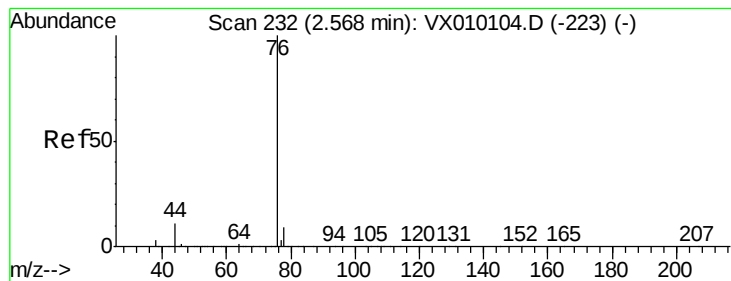
MMDadoda
 6/17/2019 10:35:56 AM



#16
 Acetone
 Concen: 99.048 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	23.2	34.8#





#17

Carbon Disulfide

Concen: 15.793 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

Tot Ion: 76 Resp: 123125

Ion Ratio Lower Upper

76 100

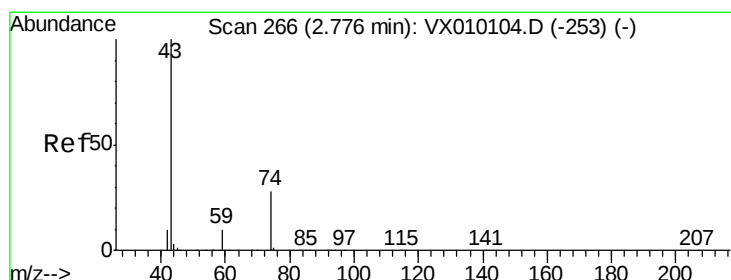
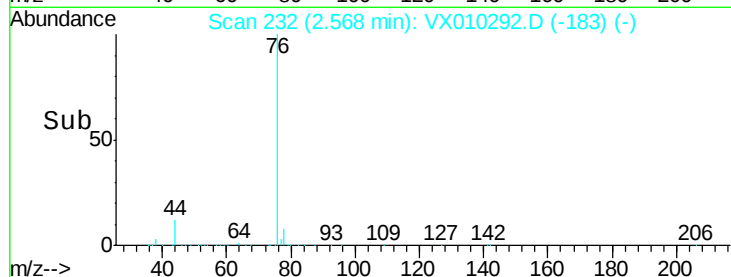
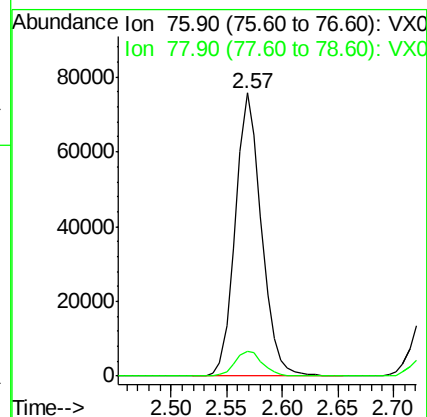
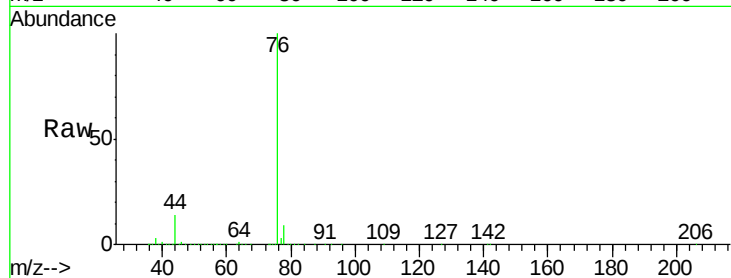
78 8.6 7.0 10.6

Manual Integrations

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6/17/2019 10:35:56 AM



#18

Methyl Acetate

Concen: 20.283 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010292.D

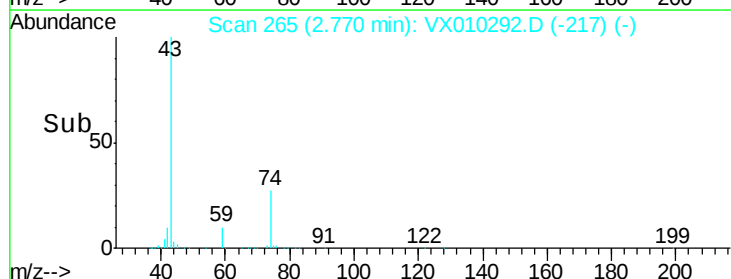
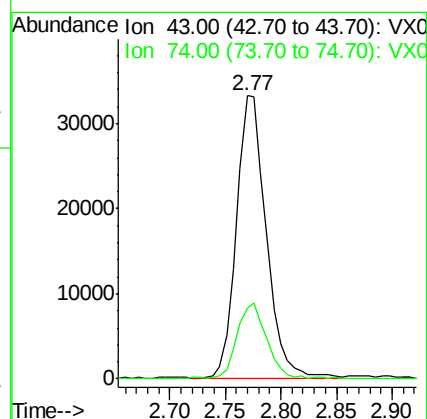
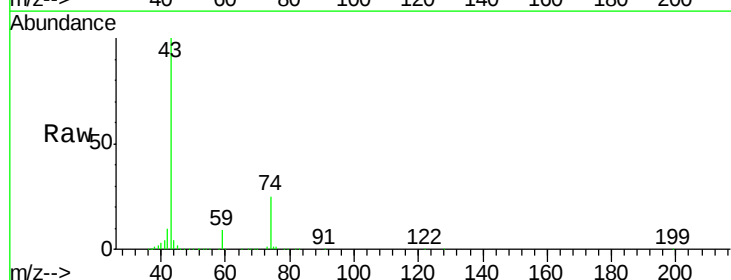
Acq: 14 Jun 2019 11:59

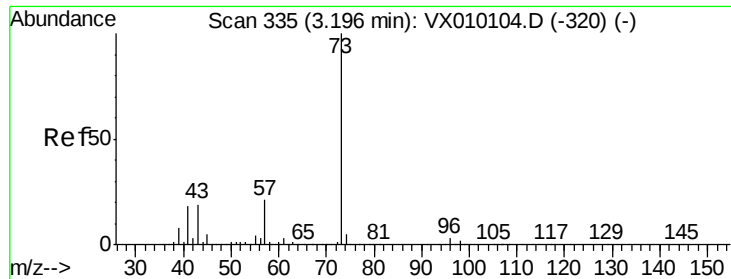
Tgt Ion: 43 Resp: 61516

Ion Ratio Lower Upper

43 100

74 27.2 15.8 23.6#





#19

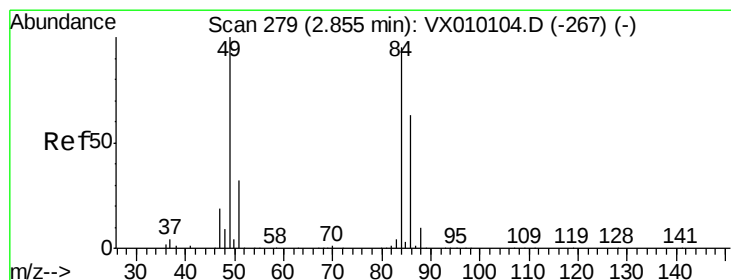
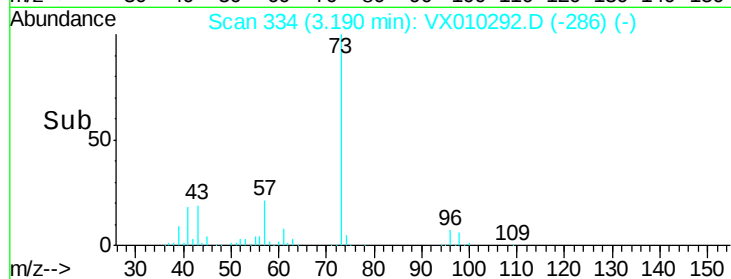
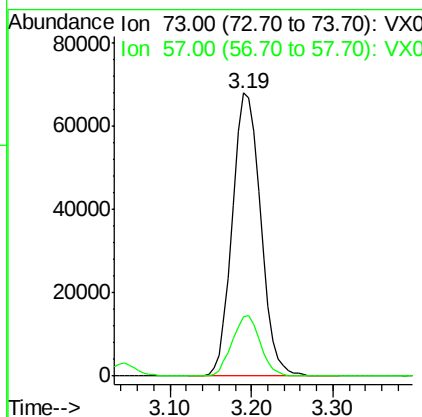
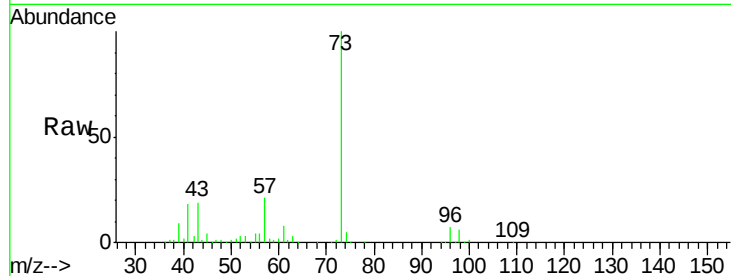
Methyl tert-butyl Ether
 Concen: 18.763 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	19.4	29.2

Manual Integrations
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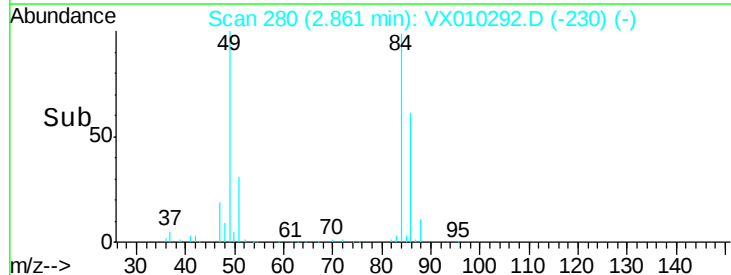
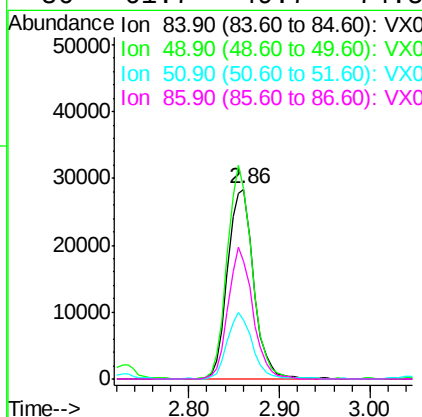
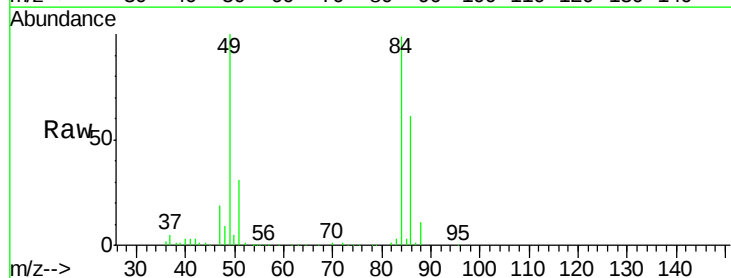
MMDadoda
 6/17/2019 10:35:56 AM

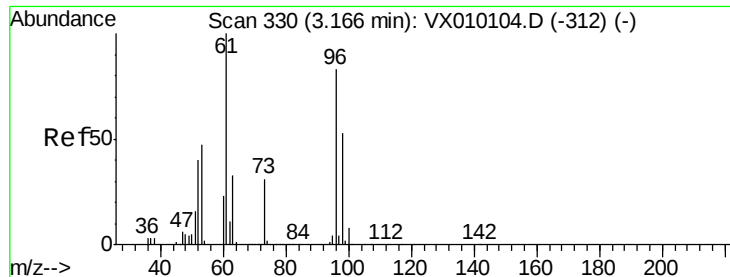


#20

Methylene Chloride
 Concen: 18.728 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.7	115.8	173.6#
51	30.8	34.4	51.6#
86	61.7	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 18.007 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 96 Resp: 53768

Ion Ratio Lower Upper

96 100

61 118.9 125.7 188.5#

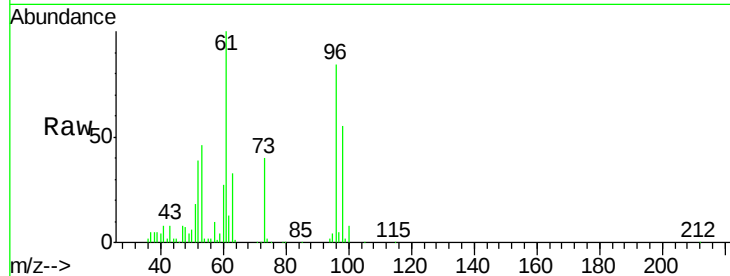
98 65.3 49.0 73.6

Manual Integrations

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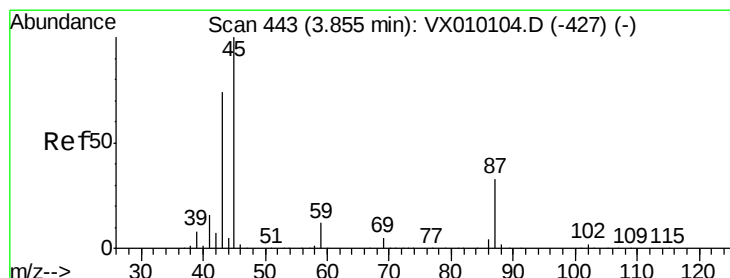
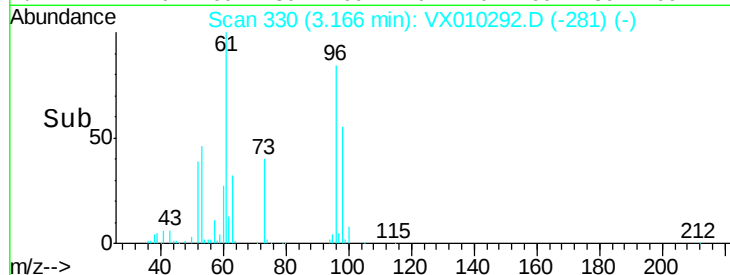
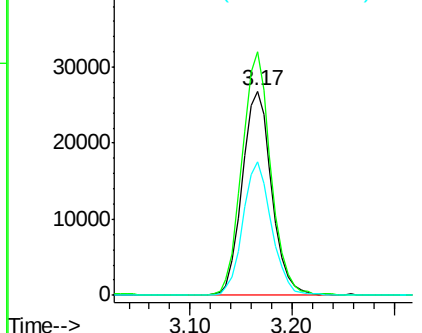
6/17/2019 10:35:56 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.726 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion: 45 Resp: 153605

Ion Ratio Lower Upper

45 100

43 77.6 65.0 97.4

87 34.2 17.3 25.9#

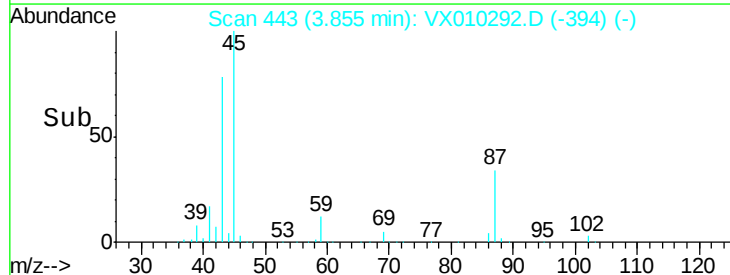
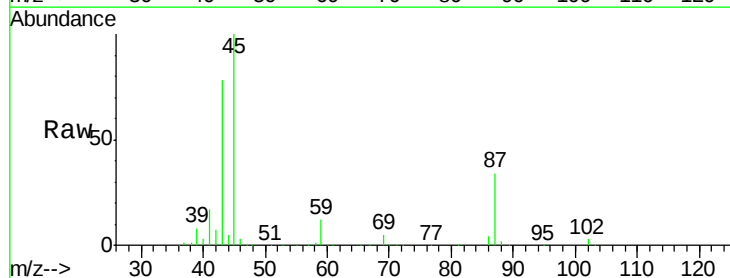
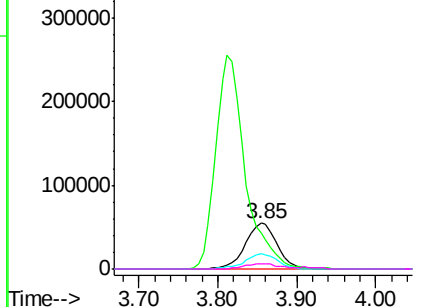
59 12.0 8.1 12.1

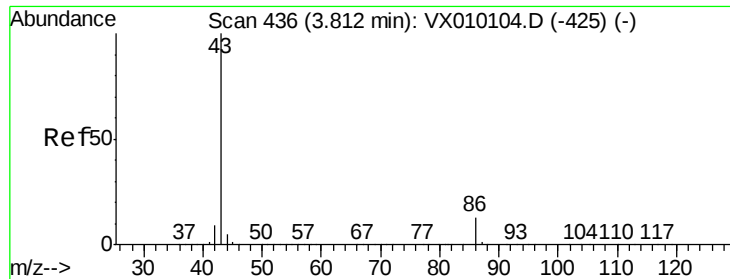
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.941 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 43 Resp: 666464

Ion Ratio Lower Upper

43 100

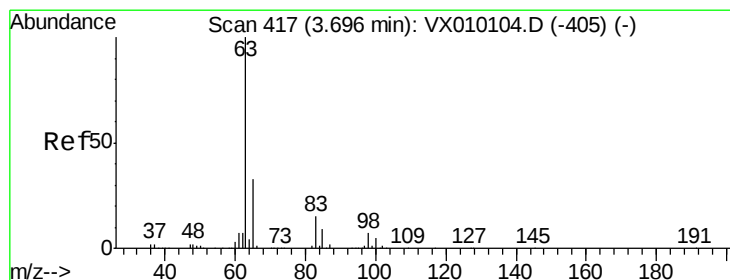
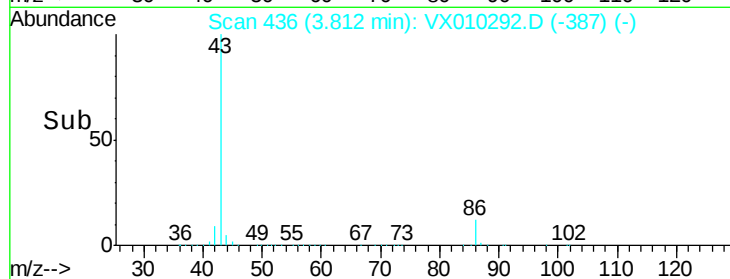
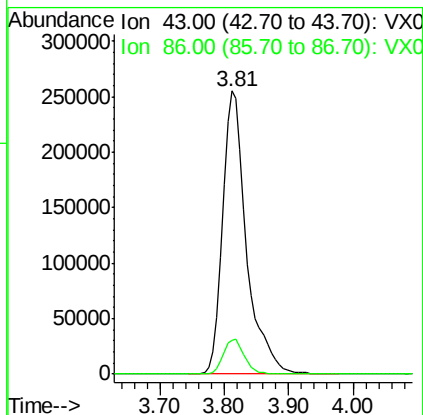
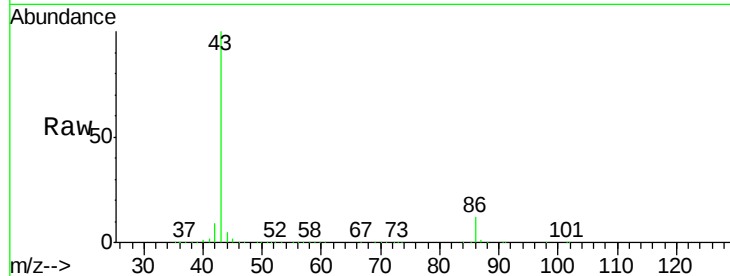
86 12.1 6.5 9.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.099 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

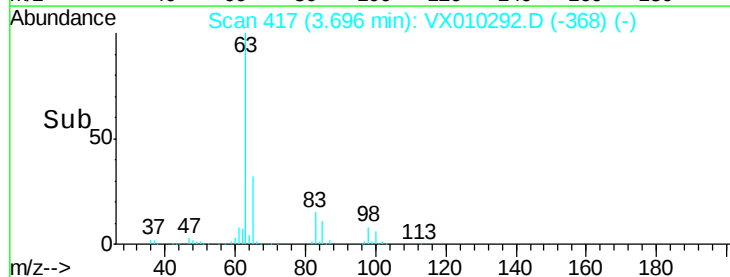
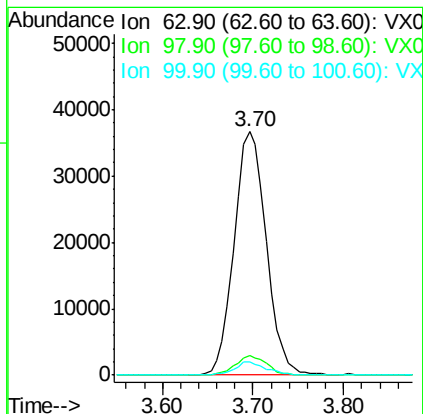
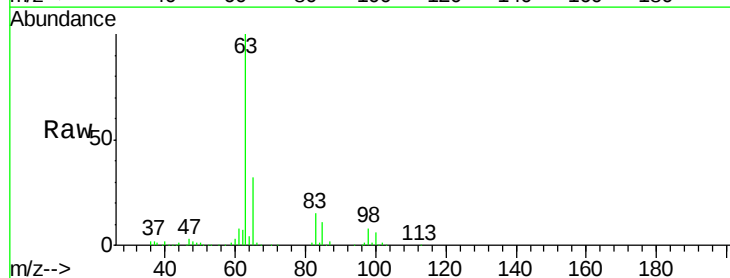
Tgt Ion: 63 Resp: 90298

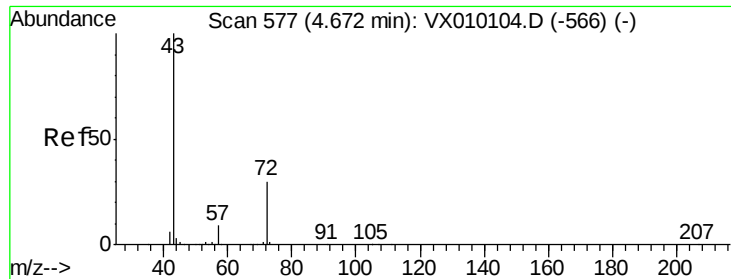
Ion Ratio Lower Upper

63 100

98 8.3 2.9 8.8

100 5.7 1.8 5.4#





#25

2-Butanone

Concen: 98.920 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 43 Resp: 203140

Ion Ratio Lower Upper

43 100

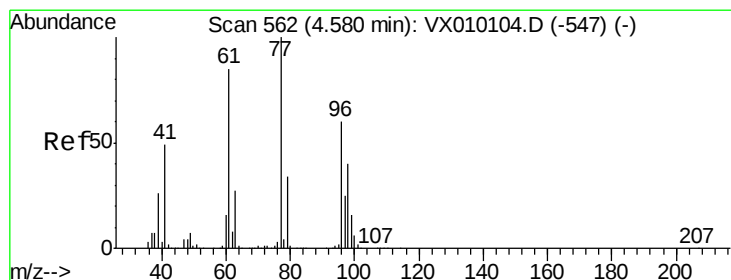
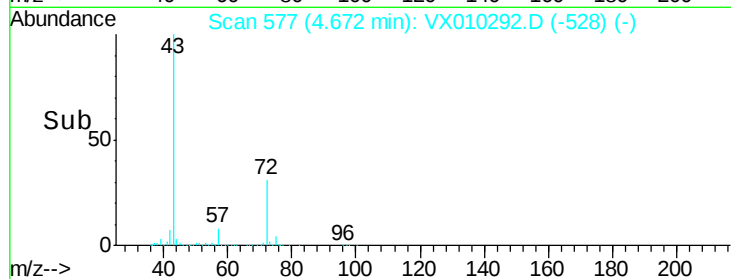
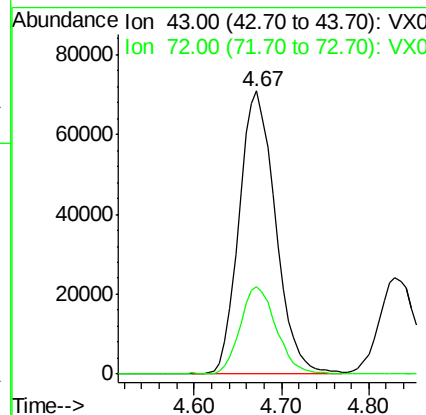
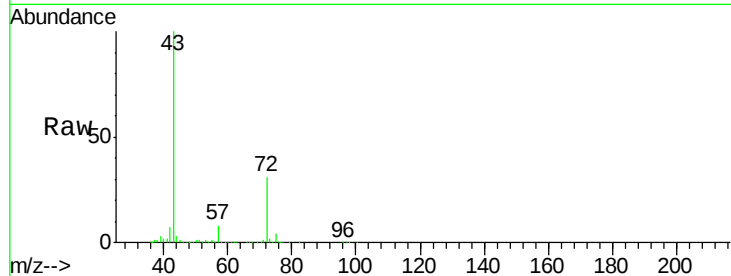
72 30.9 17.5 26.3#

Manual Integrations

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6/17/2019 10:35:56 AM



#26

2,2-Dichloropropane

Concen: 18.252 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010292.D

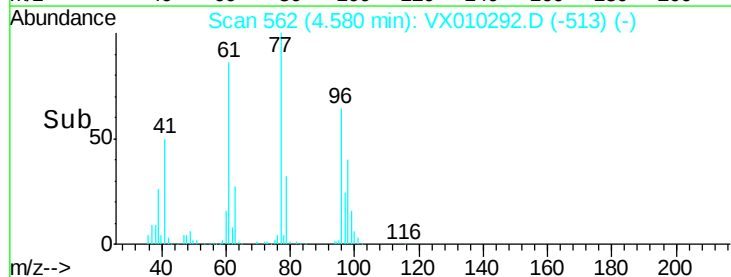
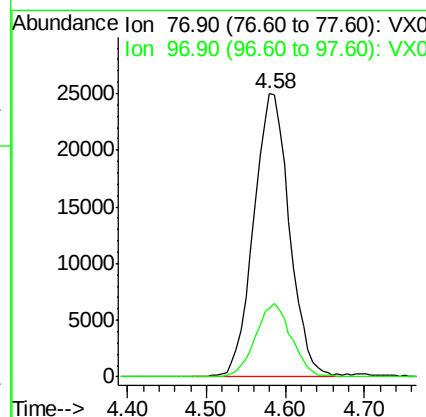
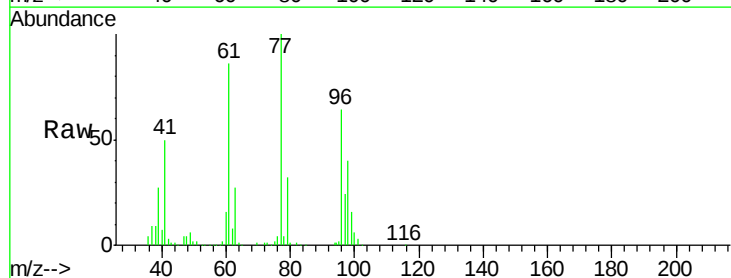
Acq: 14 Jun 2019 11:59

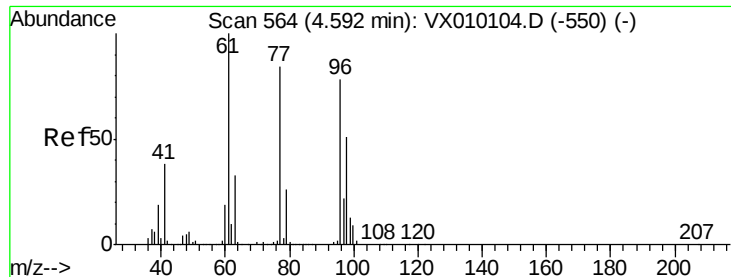
Tgt Ion: 77 Resp: 78723

Ion Ratio Lower Upper

77 100

97 26.2 11.4 34.2





#27

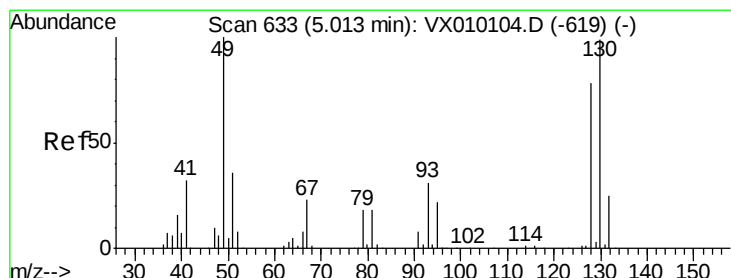
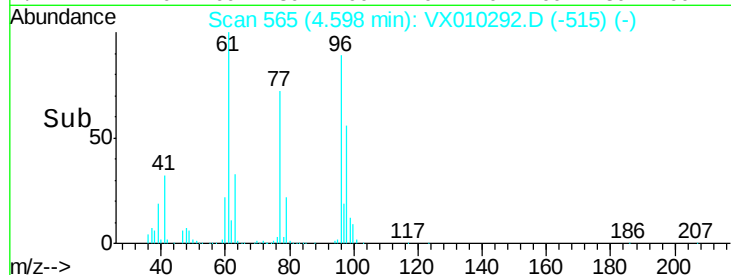
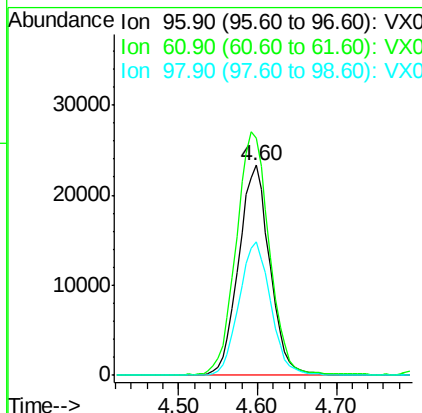
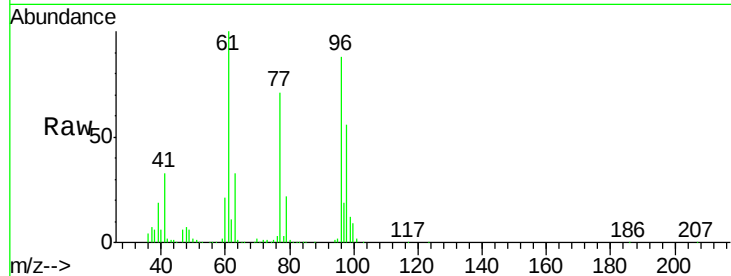
cis-1,2-Dichloroethene
Concen: 19.340 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	334.0
98	64.3	0.0	131.6

Manual Integrations
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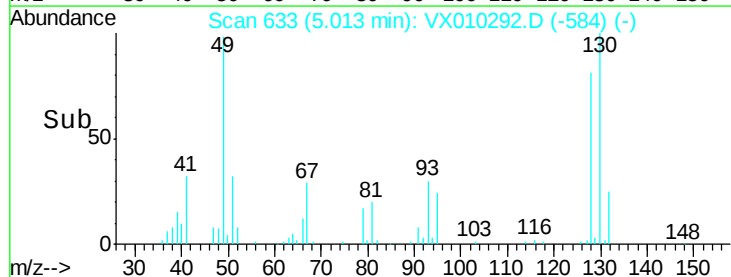
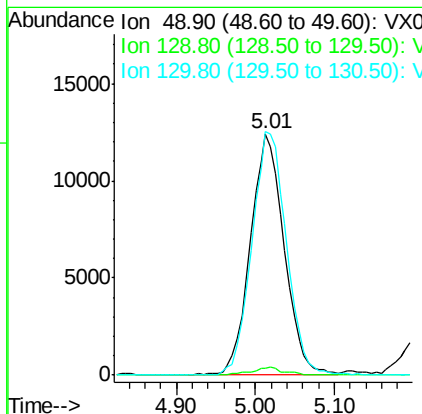
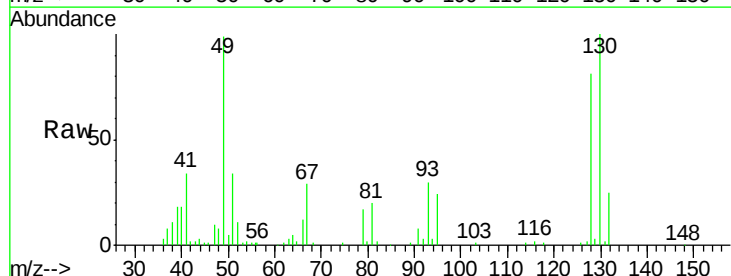
MMDadoda
6/17/2019 10:35:56 AM

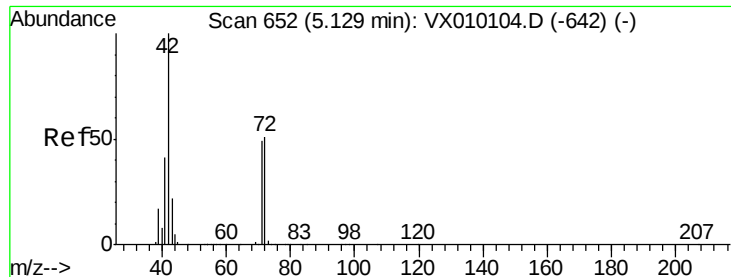


#28

Bromochloromethane
Concen: 17.436 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	102.9	49.4	74.2#





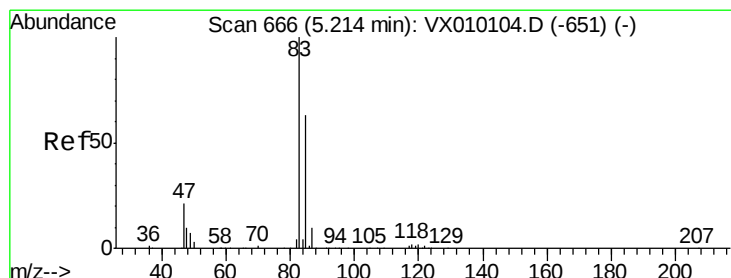
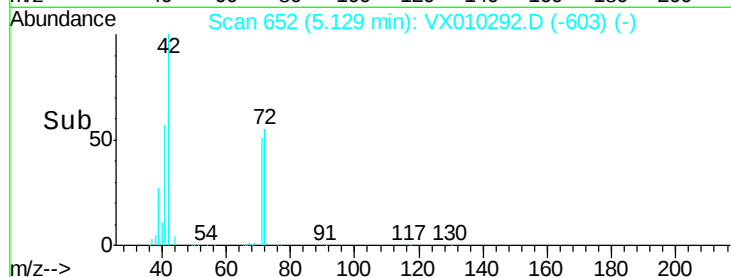
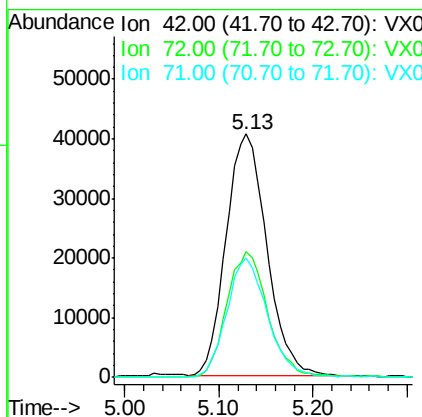
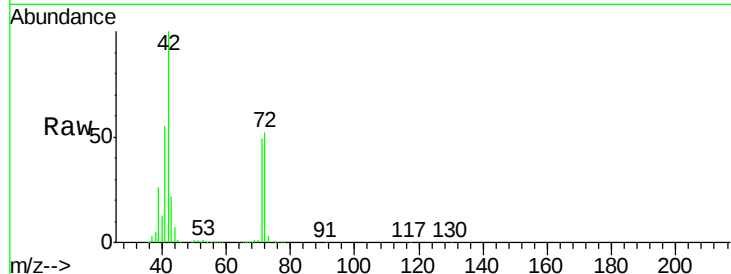
#29
Tetrahydrofuran
Concen: 94.871 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.9	29.2	43.8#
71	49.0	27.6	41.4#

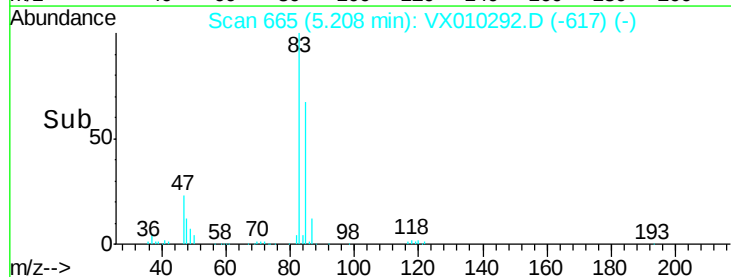
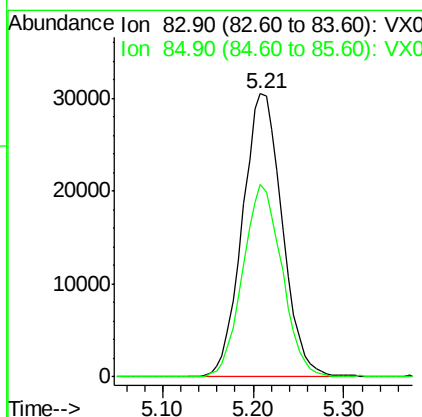
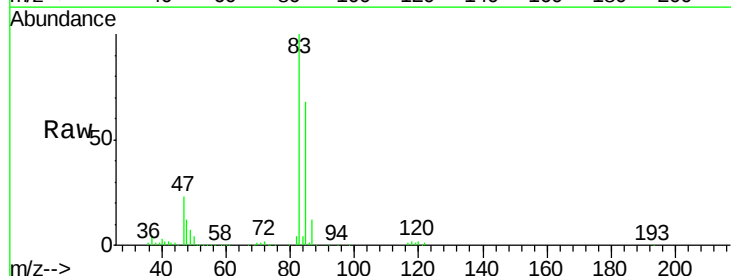
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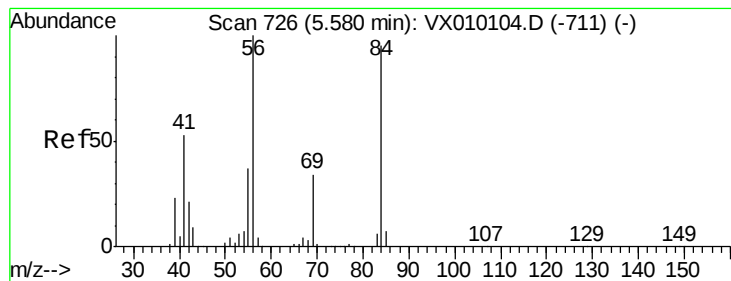
MMDadoda
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#30
Chloroform
Concen: 18.874 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.6	78.8





#31

Cyclohexane

Concen: 19.096 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 56 Resp: 81479

Ion Ratio Lower Upper

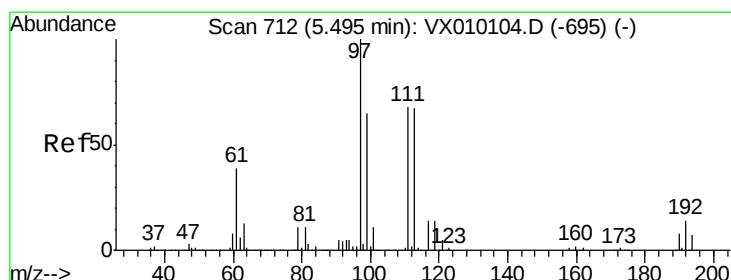
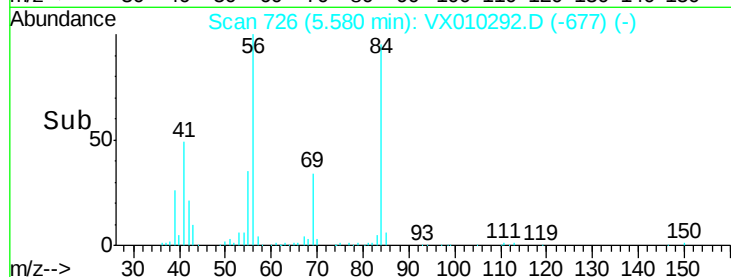
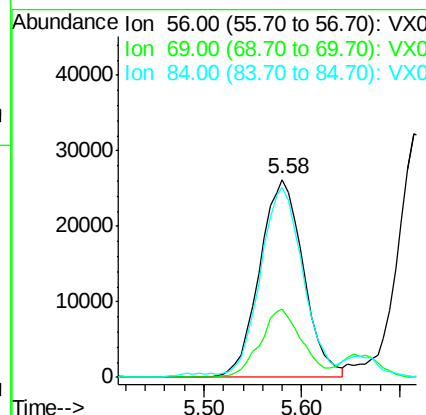
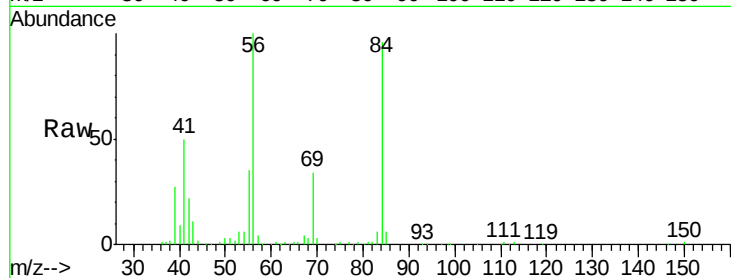
56 100

69 34.4 21.6 32.4#

84 94.1 56.8 85.2#

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 18.343 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

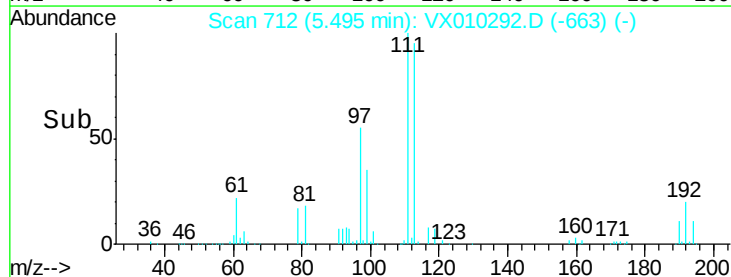
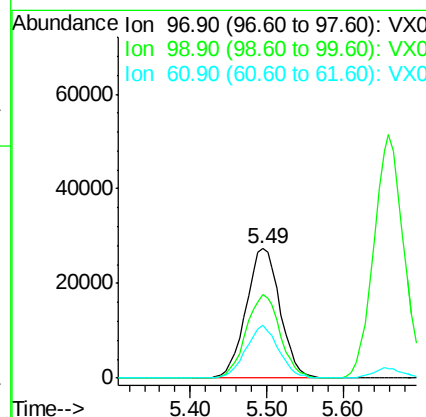
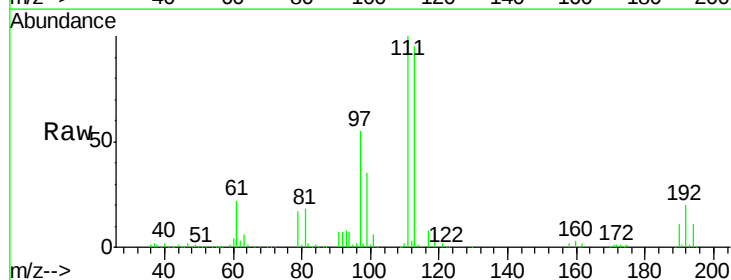
Tgt Ion: 97 Resp: 84669

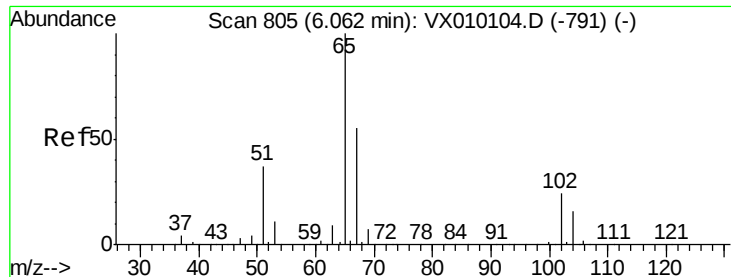
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 39.2 38.7 58.1





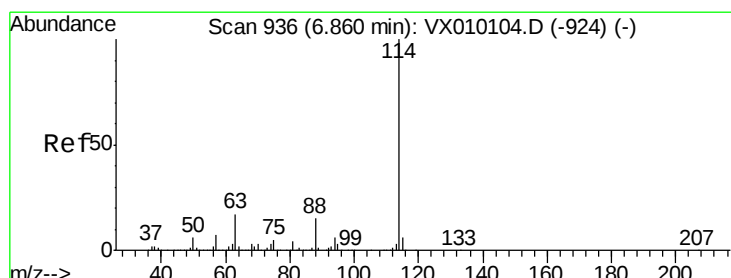
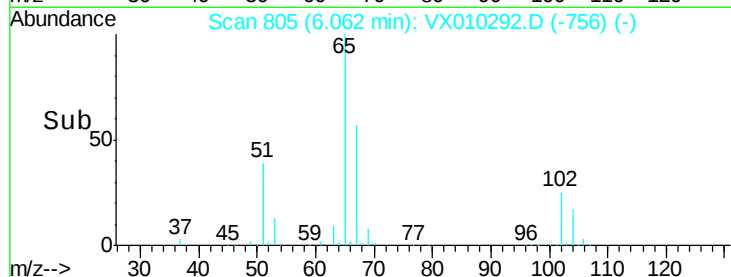
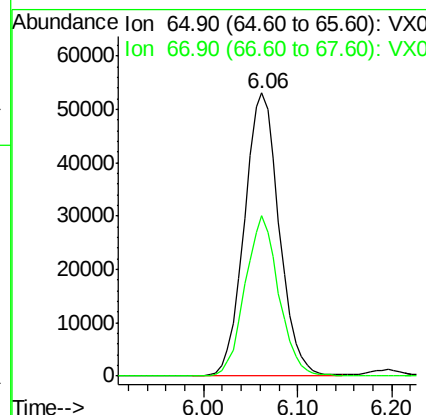
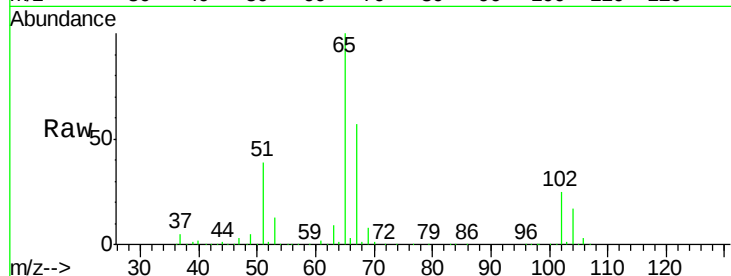
#33
 1,2-Dichloroethane-d4
 Concen: 46.904 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.4

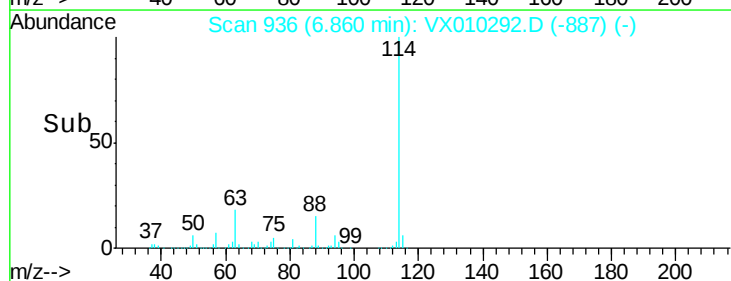
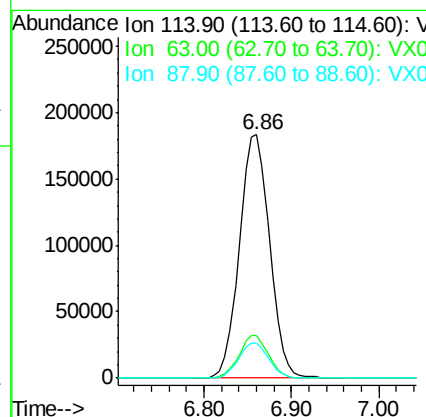
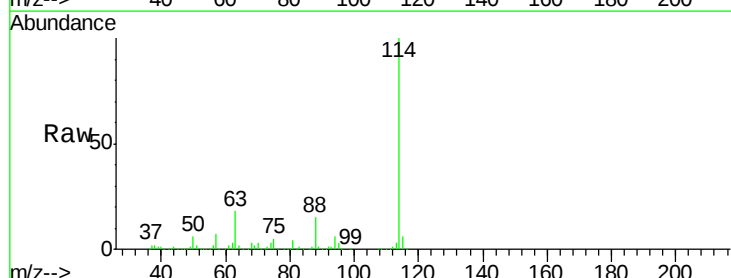
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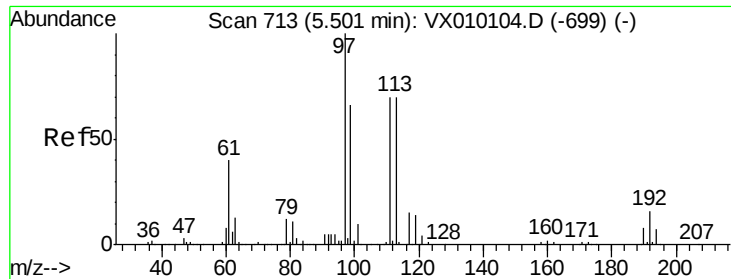
MMDadoda
 6/17/2019 10:35:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	47.4
88	14.5	0.0	33.0





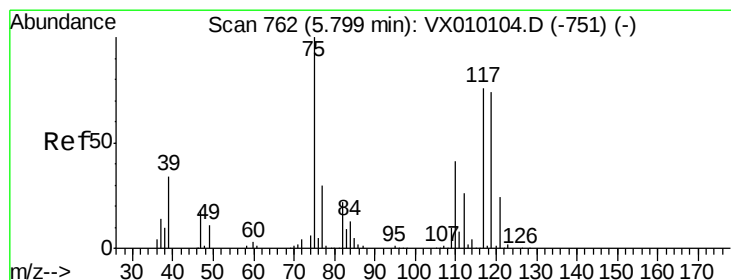
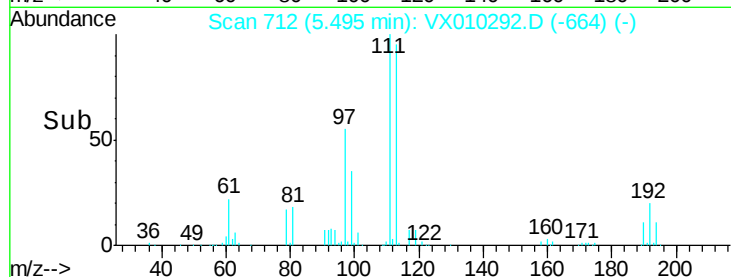
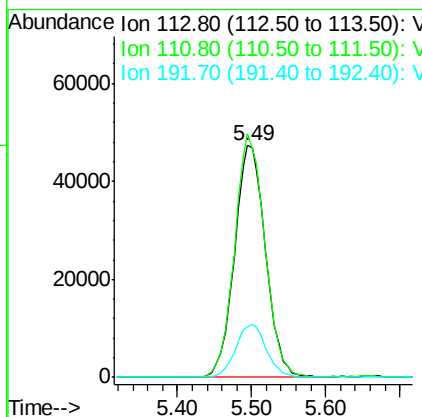
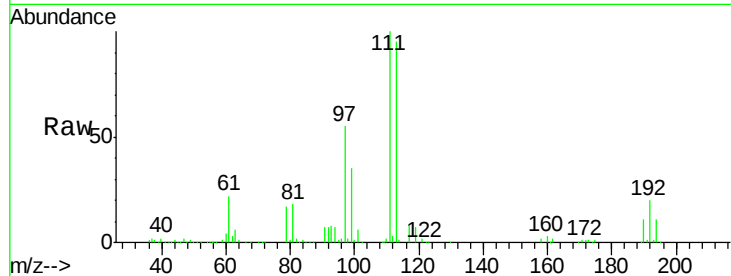
#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.2	123.2	
192	22.6	17.1	25.7	

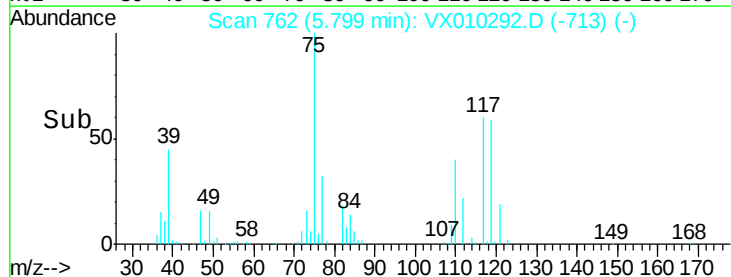
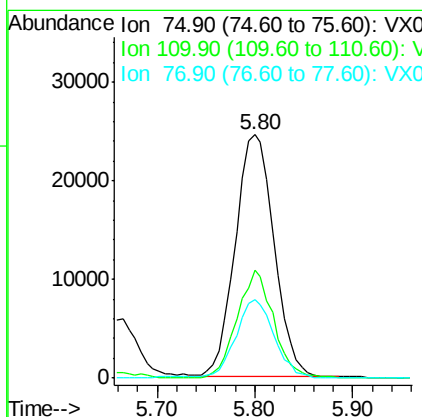
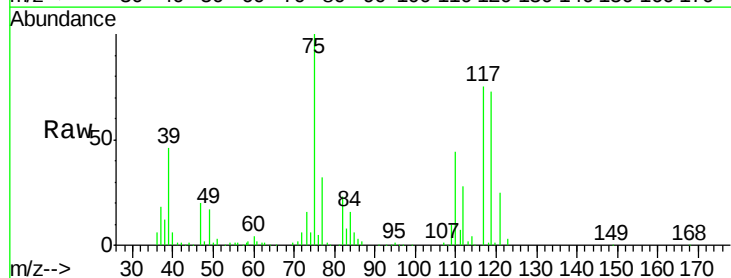
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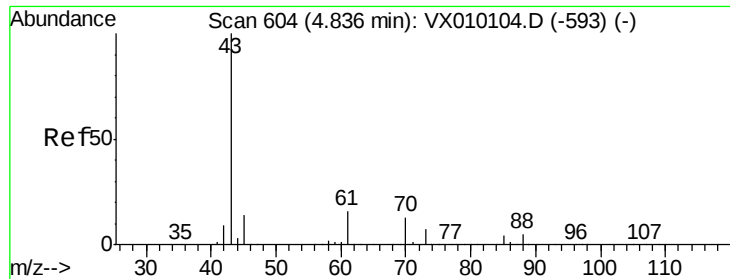
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#36
1,1-Dichloropropene
Concen: 18.902 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	42.0	16.7	50.1	
77	31.3	25.0	37.4	





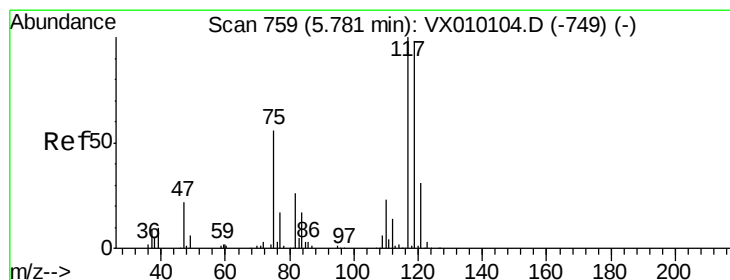
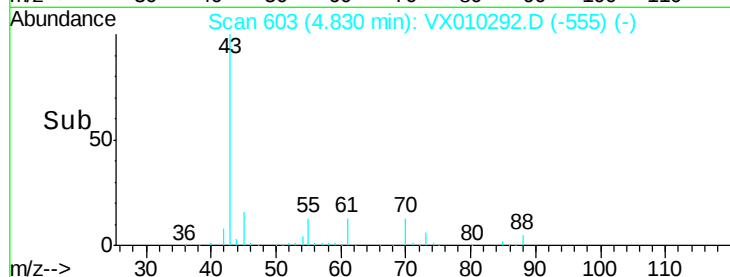
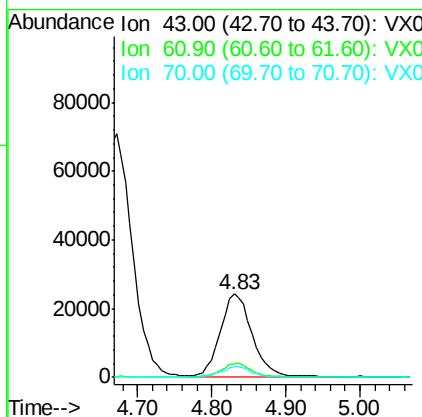
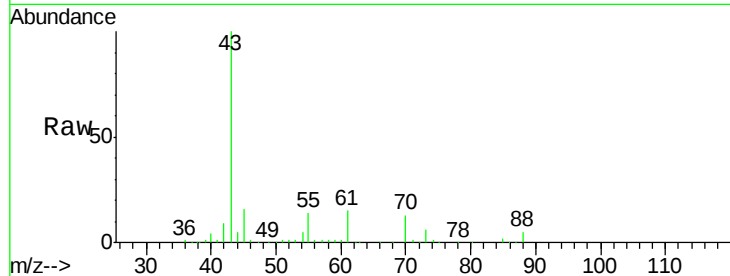
#37
Ethyl Acetate
Concen: 19.152 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	10.2	15.2#
70	12.8	7.4	11.2#

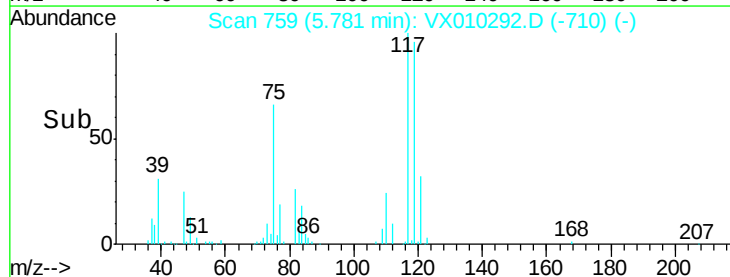
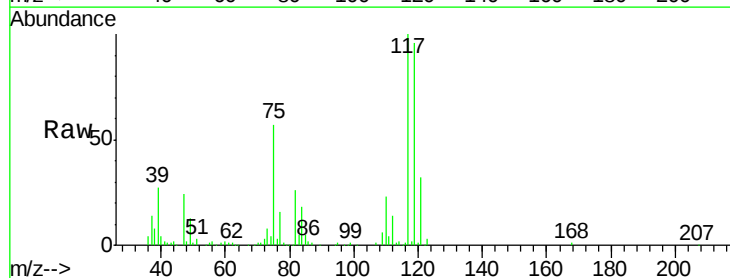
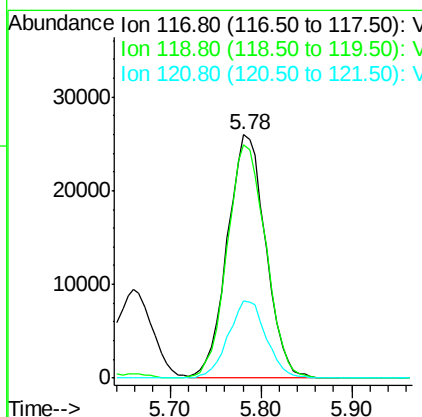
Manual Integrations
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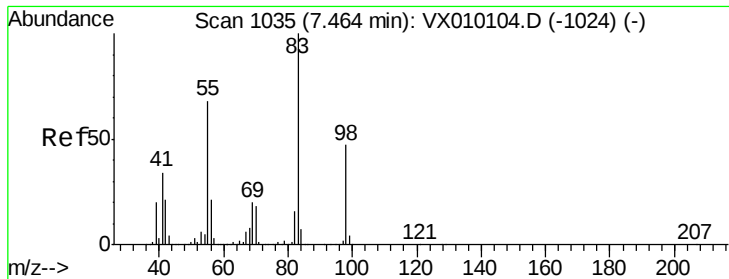
MMDadoda
6/17/2019 10:35:56 AM



#38
Carbon Tetrachloride
Concen: 18.691 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	31.7	25.4	38.0





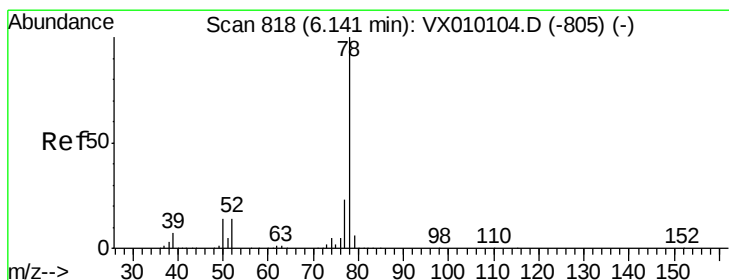
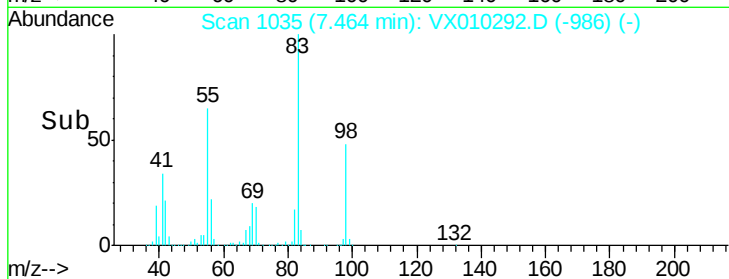
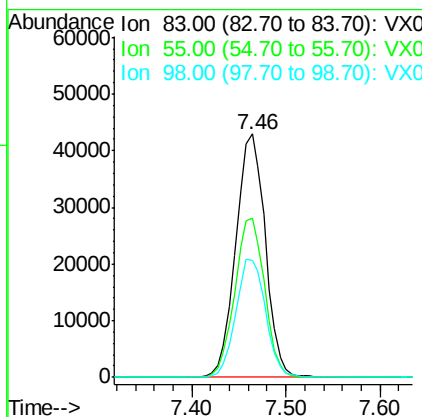
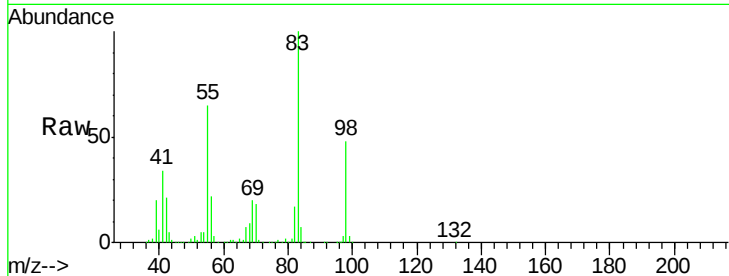
#39
Methylvlcvclohexane
Concen: 19.161 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	65.3	69.9	104.9#	
98	48.0	35.1	52.7	

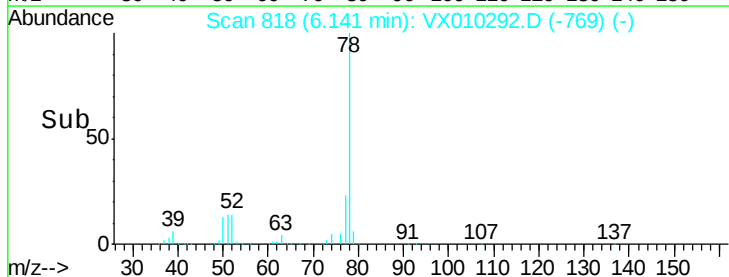
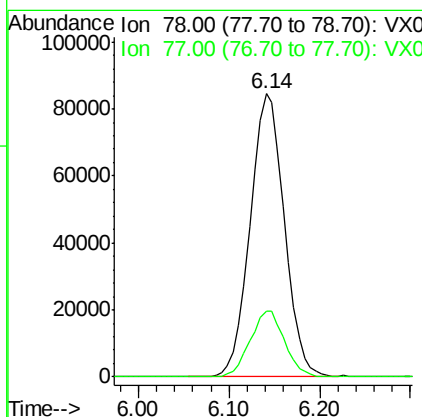
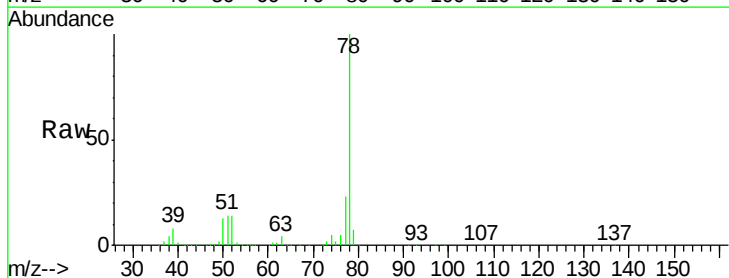
Manual Integrations
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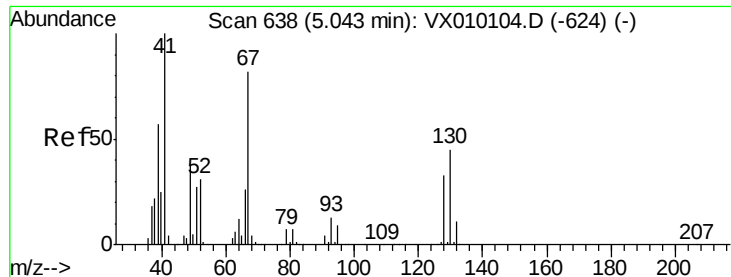
MMDadoda
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#40
Benzene
Concen: 19.834 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	19.2	28.8	





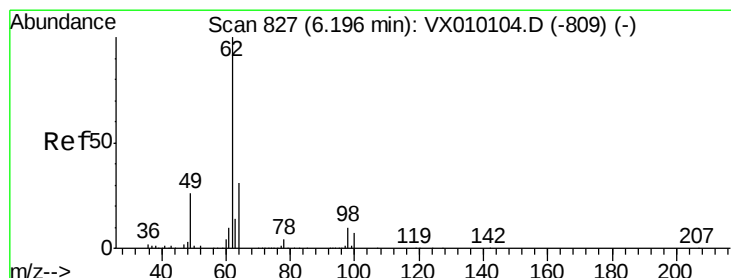
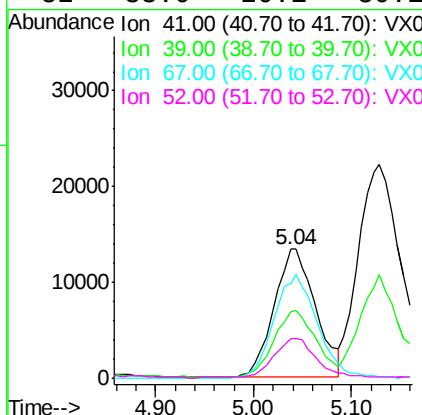
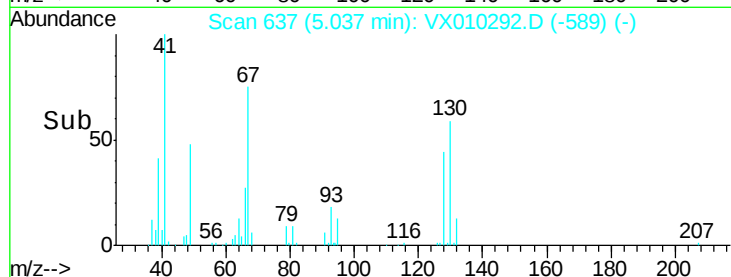
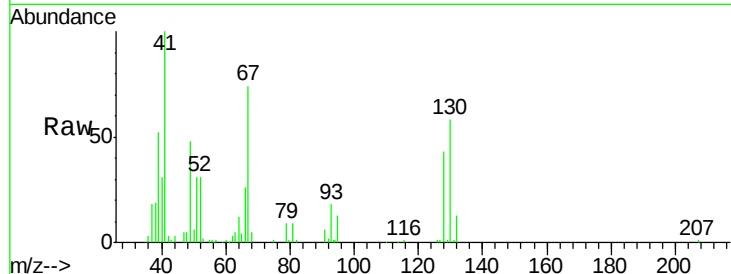
#41
Methacrylonitrile
Concen: 19.710 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.4
67	84.5	48.9	73.3#
52	33.0	20.1	30.1#

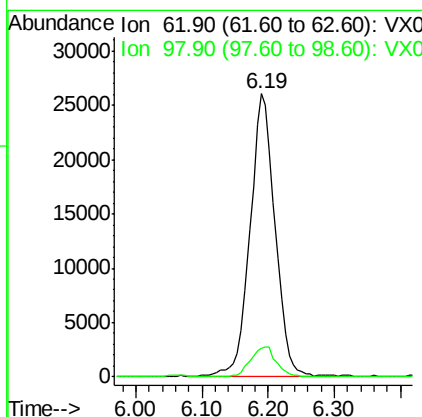
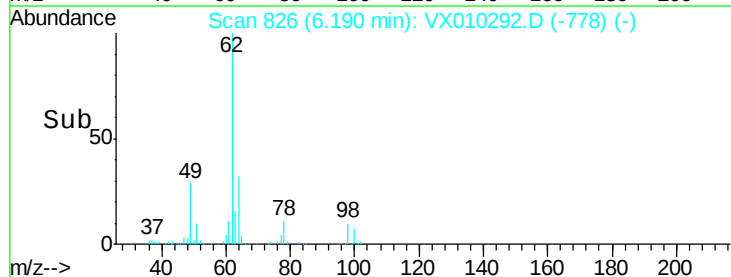
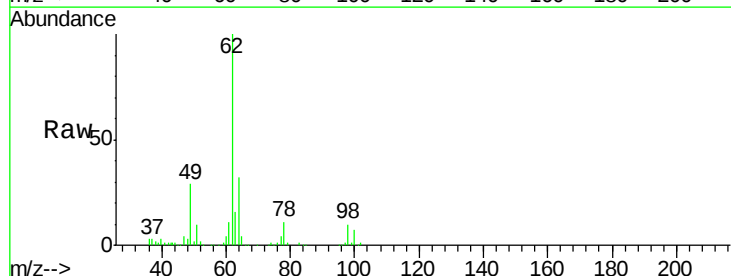
Manual Integrations
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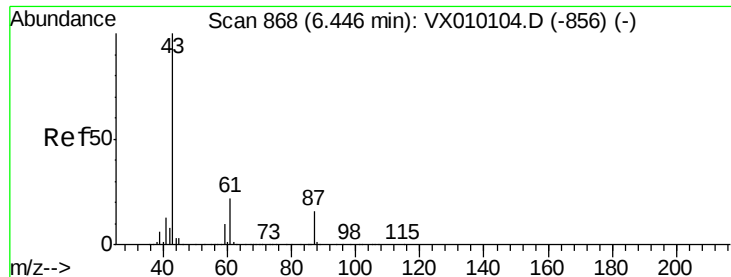
MMDadoda
6/17/2019 10:35:56 AM



#42
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	17.2





#43

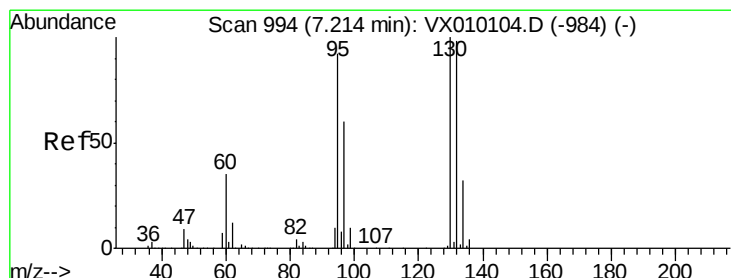
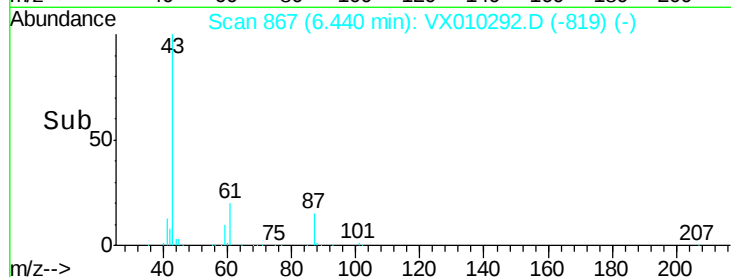
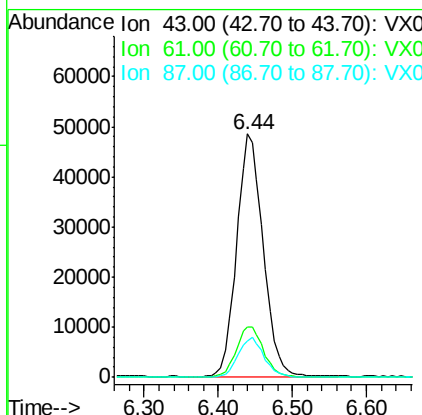
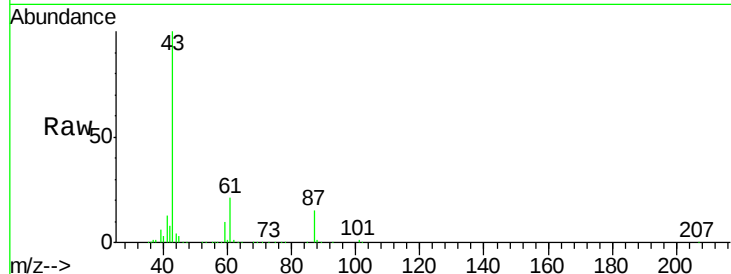
Isopropyl Acetate
 Concen: 19.334 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	14.6	21.8
87	16.4	8.7	13.1

Manual Integrations
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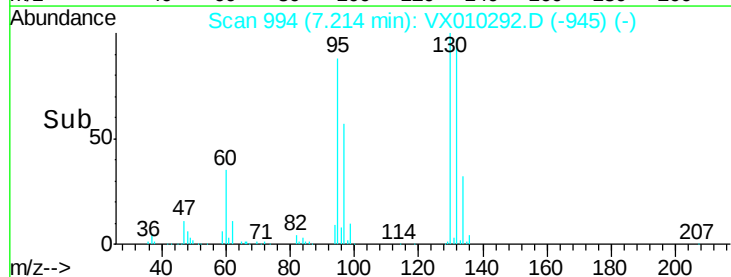
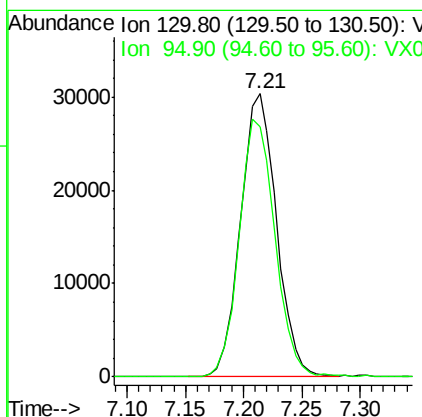
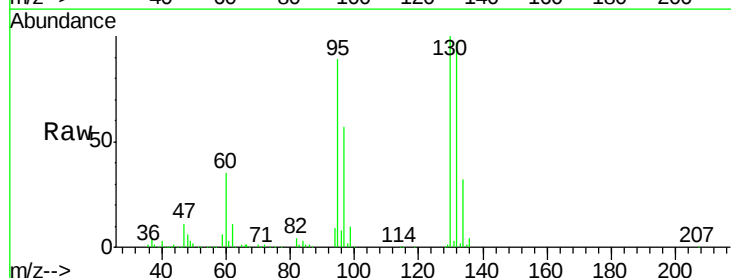
MMDadoda
 6/17/2019 10:35:56 AM

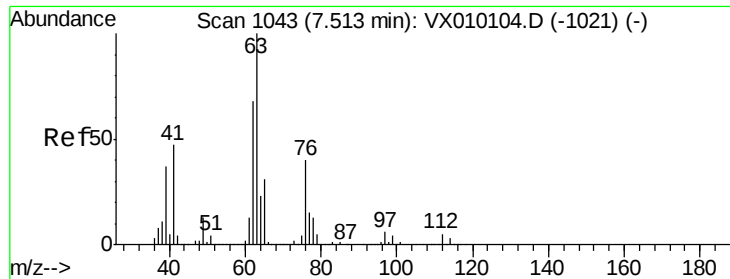


#44

Trichloroethene
 Concen: 19.517 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	207.4





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 63 Resp: 56104

Ion Ratio Lower Upper

63 100

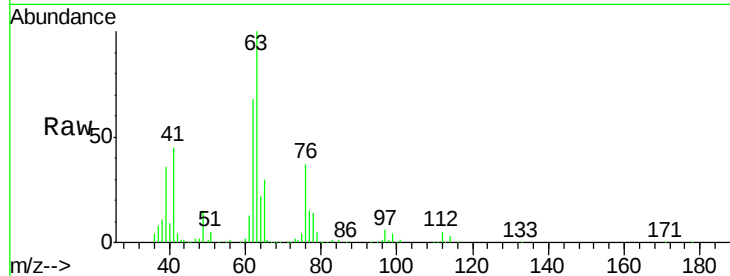
65 29.5 25.7 38.5

Manual Integrations

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6/17/2019 10:35:56 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

30000

25000

20000

15000

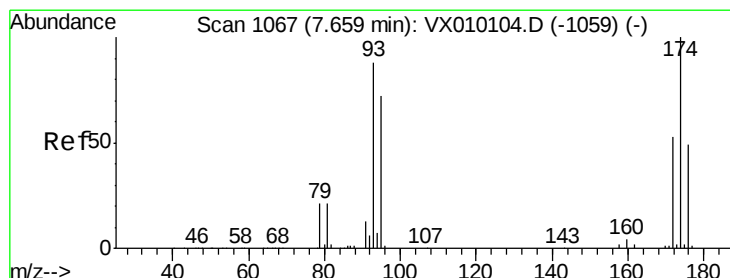
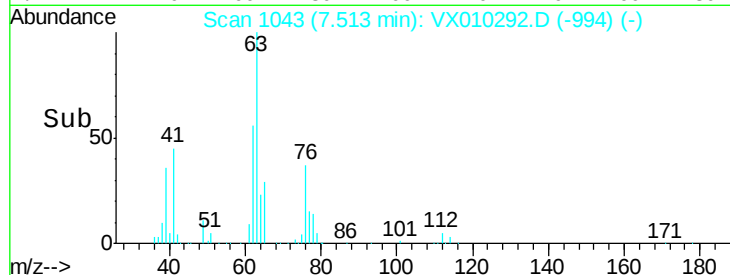
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.987 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

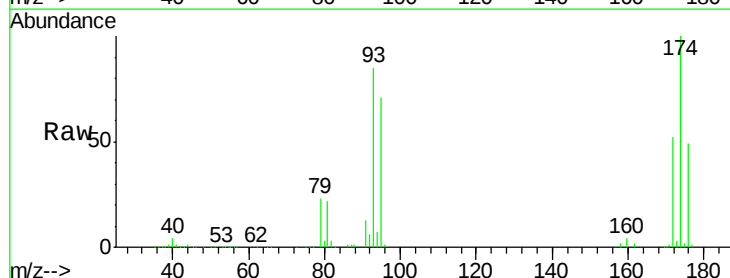
Tgt Ion: 93 Resp: 39585

Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 118.8 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

30000

25000

20000

15000

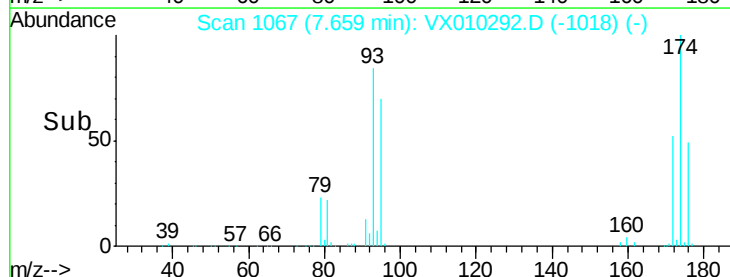
10000

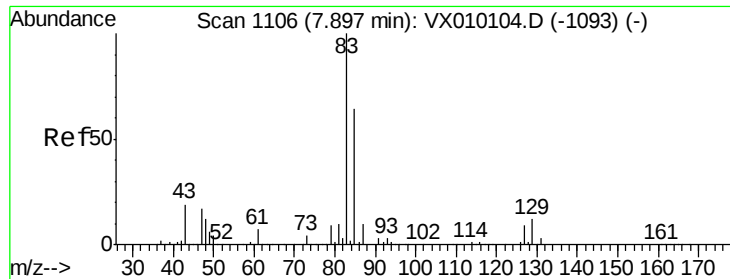
5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 18.788 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

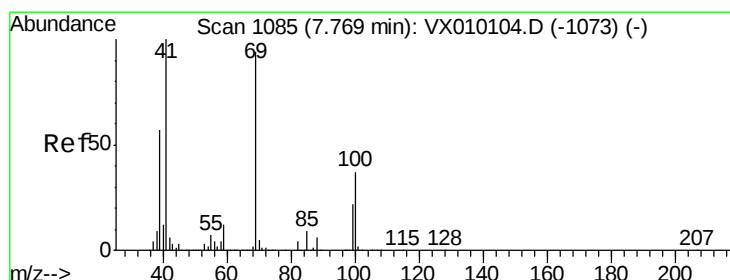
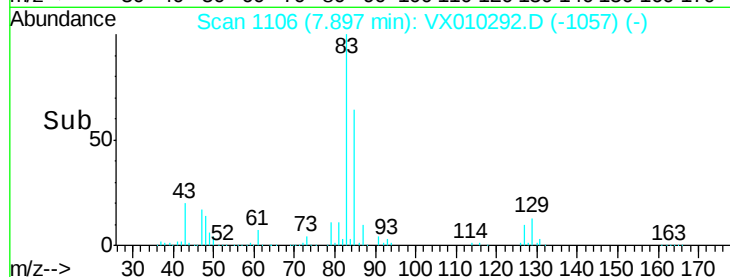
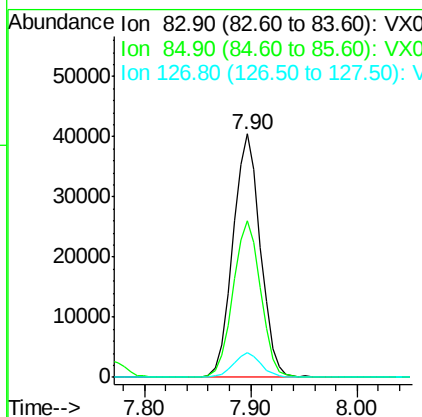
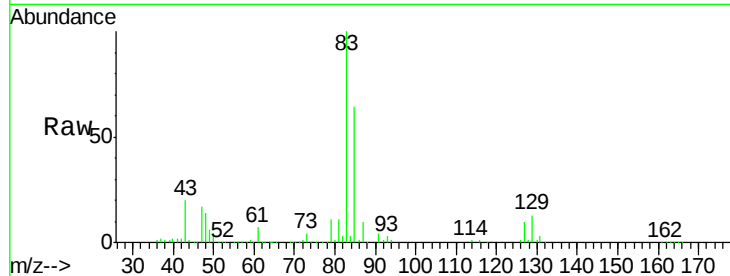
ClientSampleId :

VX0614WBS01

Tot Ion:	83	Resp:	73192
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2
127	10.2	6.4	9.6#

Manual Integrations
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MMDadoda
6/17/2019 10:35:56 AM



#48

Methyl methacrylate

Concen: 18.860 ug/l

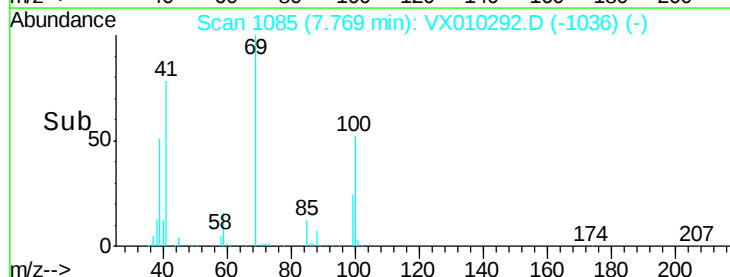
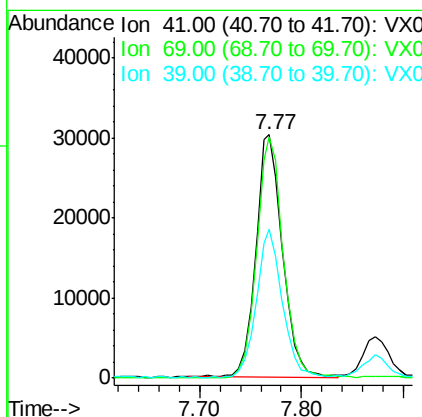
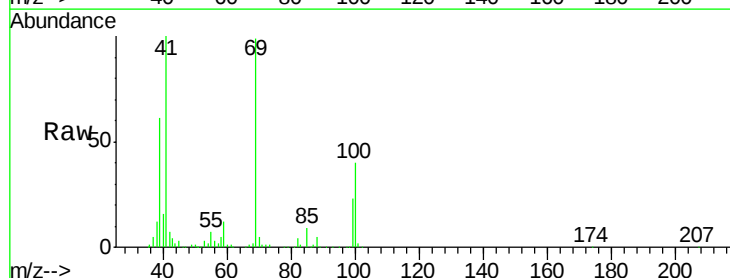
RT: 7.77 min Scan# 1085

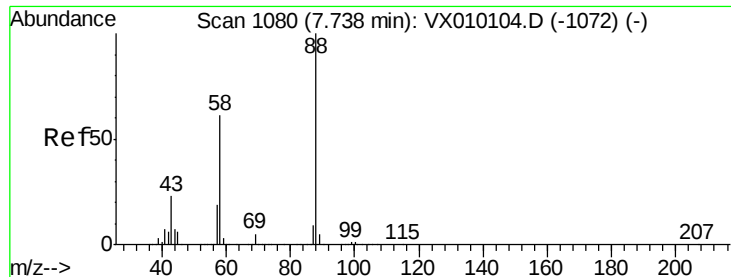
Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion:	41	Resp:	55174
Ion	Ratio	Lower	Upper
41	100		
69	100.0	56.4	84.6#
39	60.7	40.6	60.8





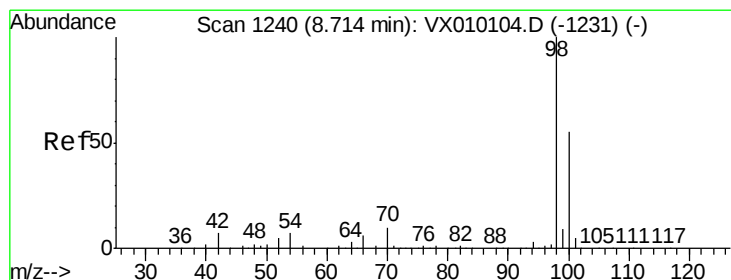
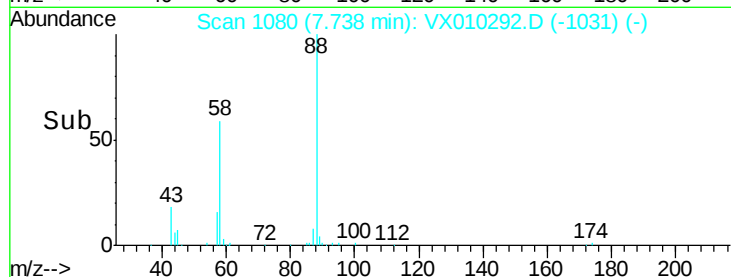
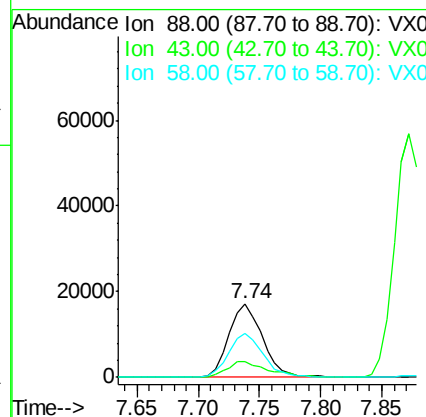
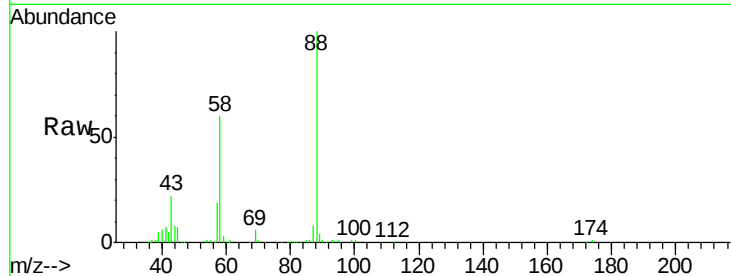
#49
1,4-Dioxane
Concen: 388.111 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	30.2	45.4#
58	62.3	64.0	96.0#

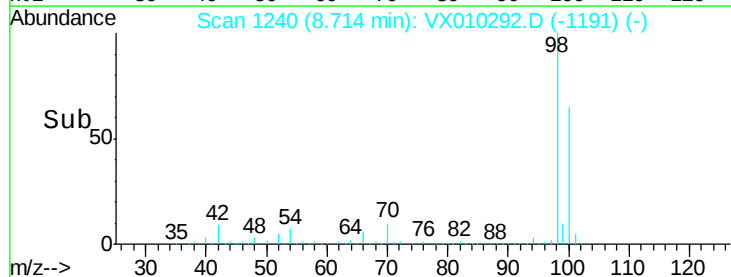
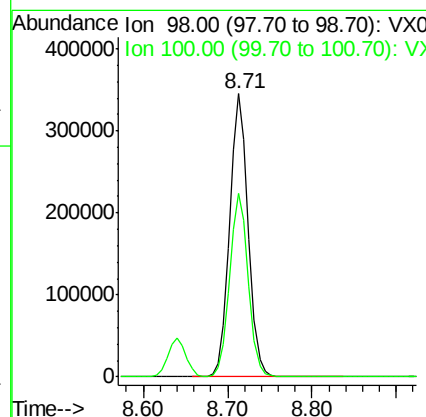
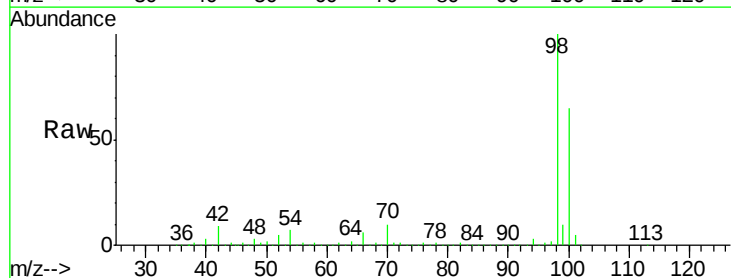
Manual Integrations
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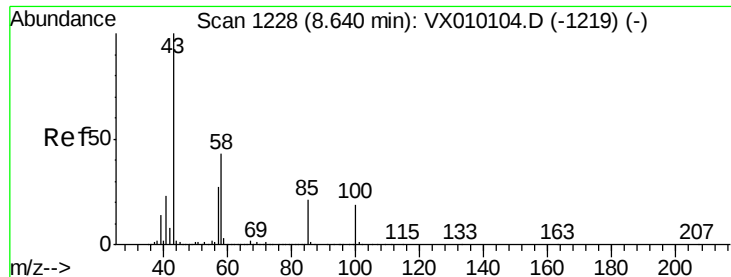
MMDadoda
6/17/2019 10:35:56 AM



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 104.022 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 43 Resp: 388718

Ion Ratio Lower Upper

43 100

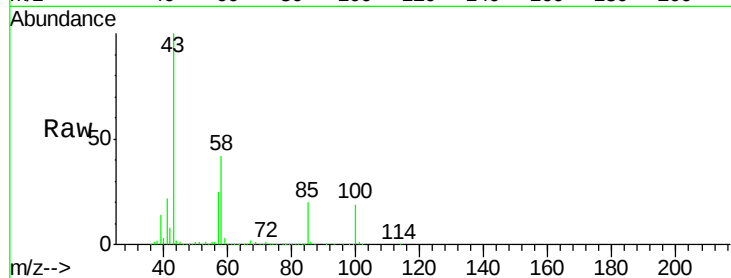
58 41.6 28.8 43.2

Manual Integrations

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MMDadoda

6/17/2019 10:35:56 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

150000

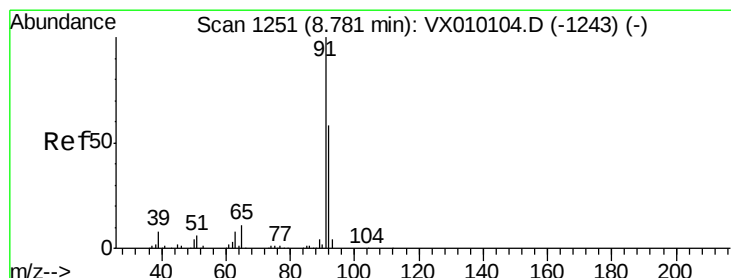
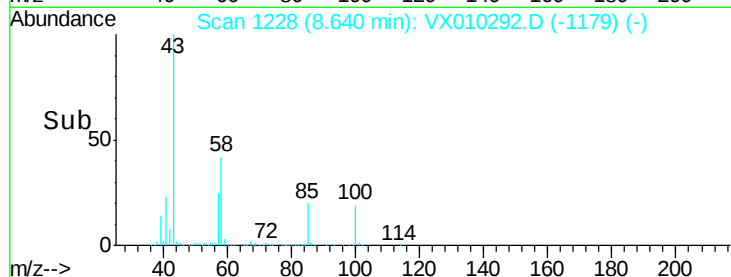
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.624 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010292.D

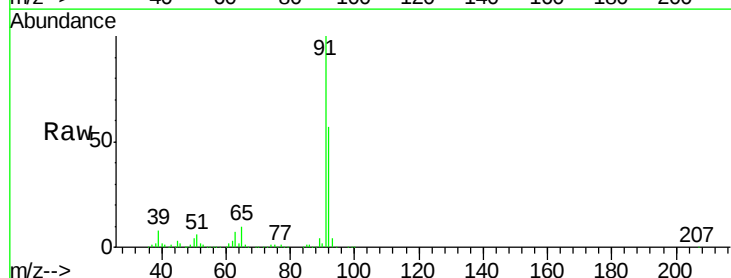
Acq: 14 Jun 2019 11:59

Tgt Ion: 92 Resp: 143426

Ion Ratio Lower Upper

92 100

91 173.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

150000

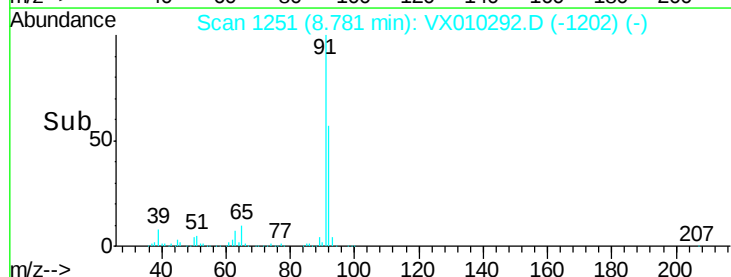
100000

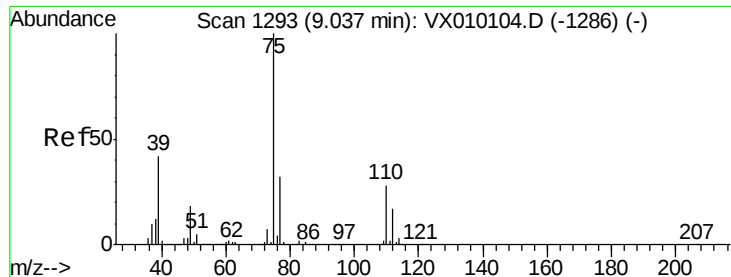
50000

0

8.70 8.80 8.90

Time-->





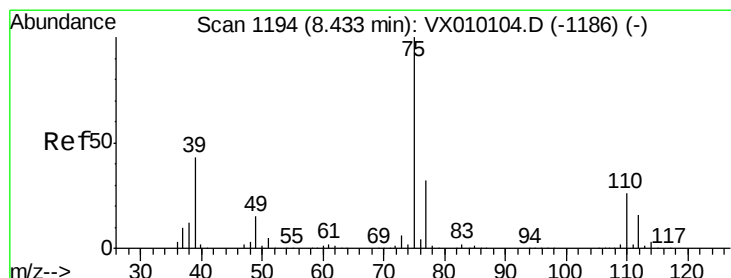
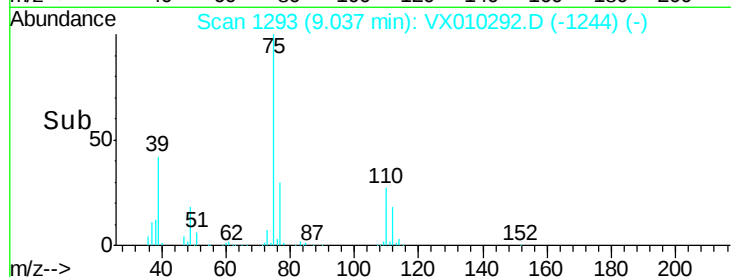
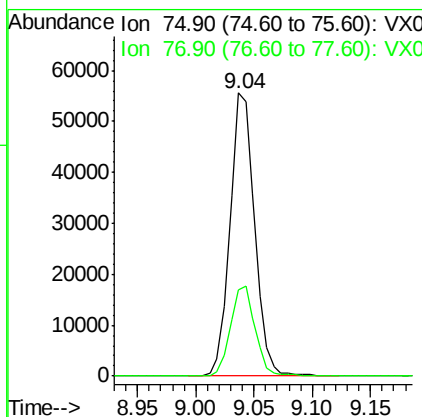
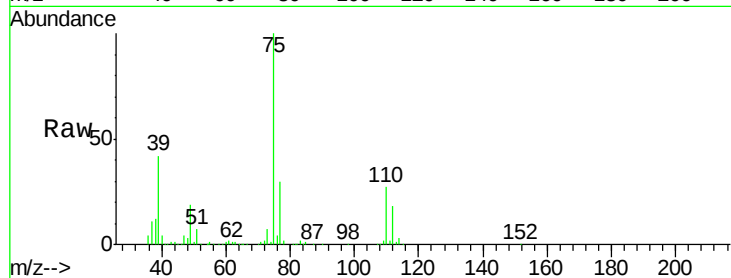
#53
t-1,3-Dichloropropene
Concen: 18.232 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8

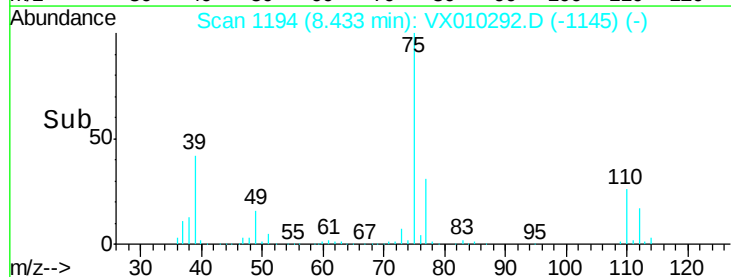
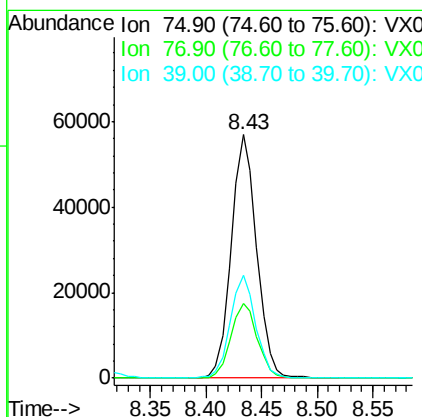
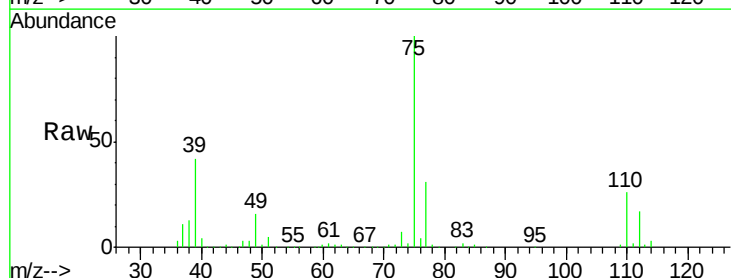
Manual Integrations
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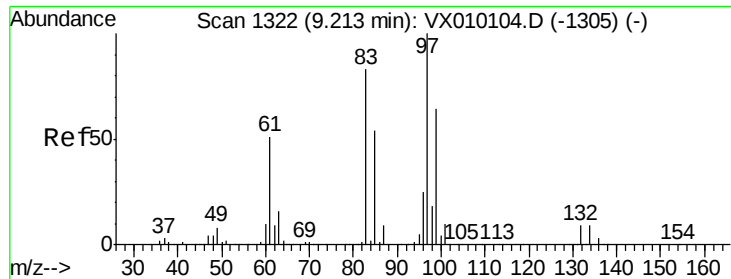
MMDadoda
6/17/2019 10:35:56 AM



#54
cis-1,3-Dichloropropene
Concen: 18.654 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.8	37.2
39	42.2	43.4	65.0#





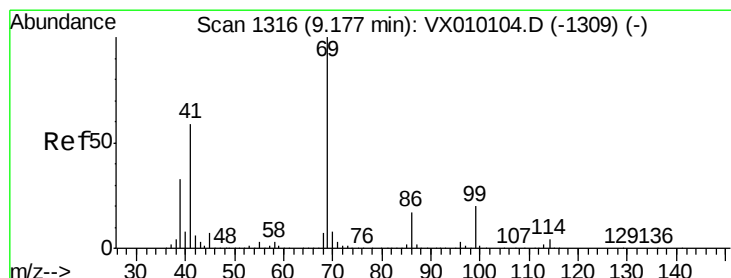
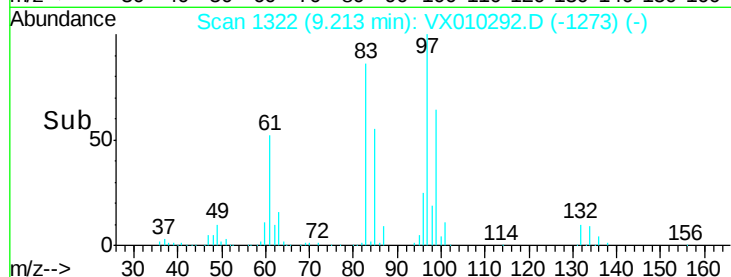
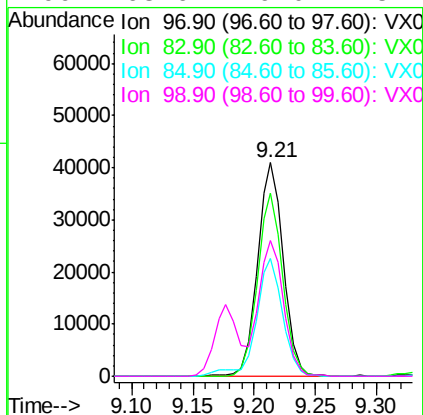
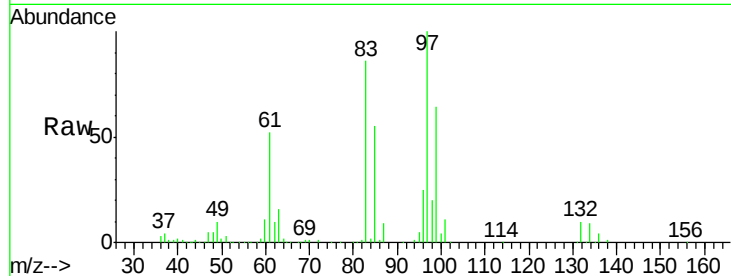
#55
 1,1,2-Trichloroethane
 Concen: 20.088 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion:	97	Resp:	60127
Ion Ratio	Lower	Upper	
97	100		
83	85.7	69.8	104.8
85	55.2	45.3	67.9
99	63.6	49.0	73.4

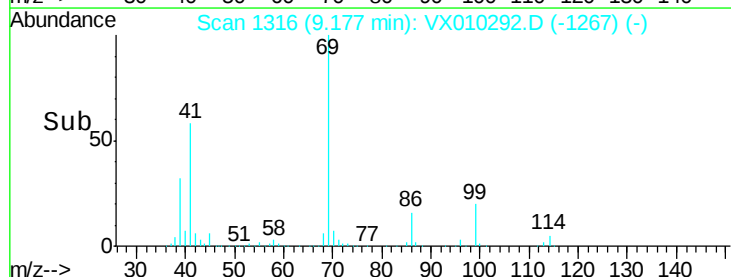
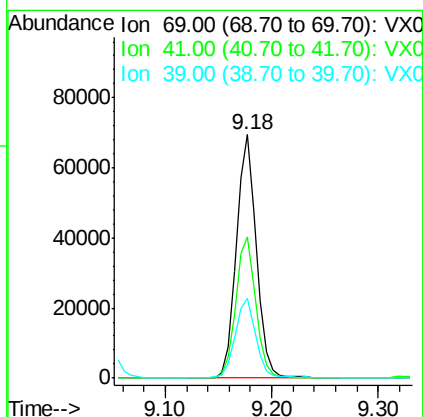
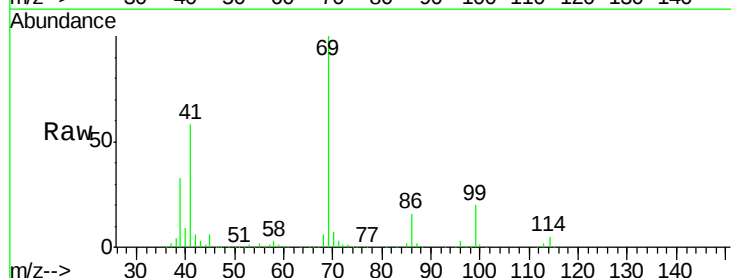
Manual Integrations
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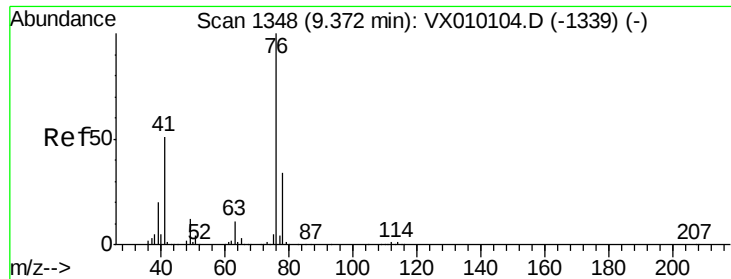
MMDadoda
 6/17/2019 10:35:56 AM



#56
 Ethyl methacrylate
 Concen: 19.429 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion:	69	Resp:	91864
Ion Ratio	Lower	Upper	
69	100		
41	57.4	62.7	94.1#
39	34.0	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.973 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 76 Resp: 94122

Ion Ratio Lower Upper

76 100

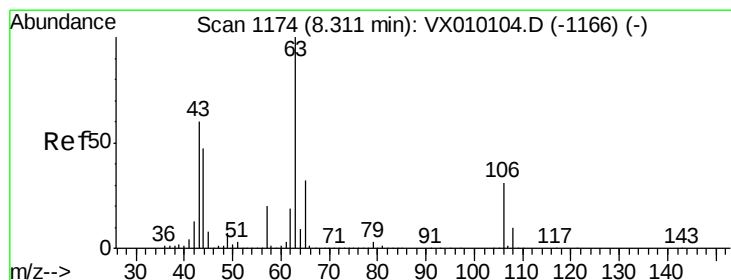
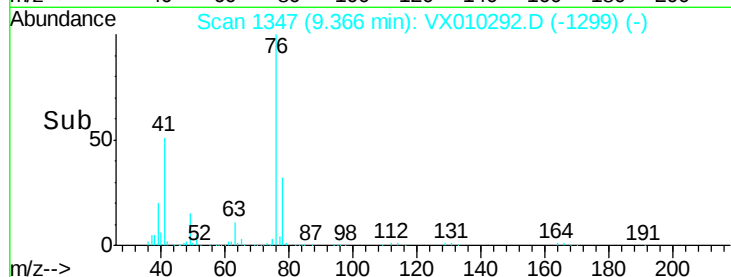
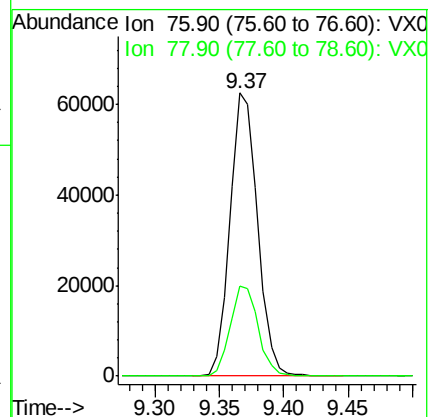
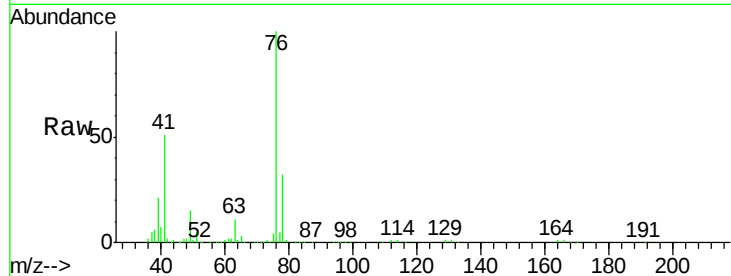
78 32.4 25.4 38.0

Manual Integrations

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MMDadoda

6/17/2019 10:35:56 AM



#58

2-Chloroethyl Vinyl ether

Concen: 78.832 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010292.D

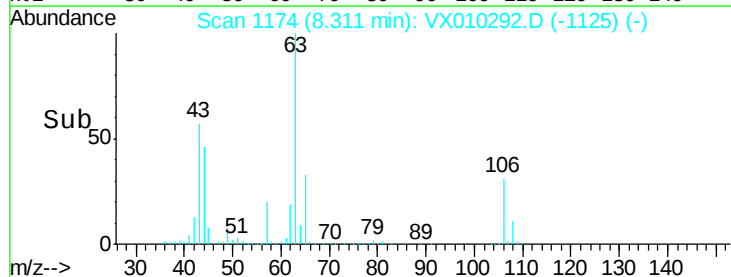
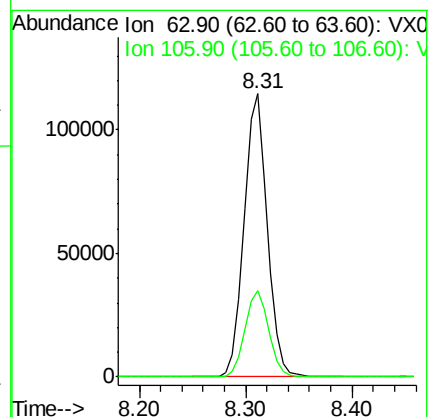
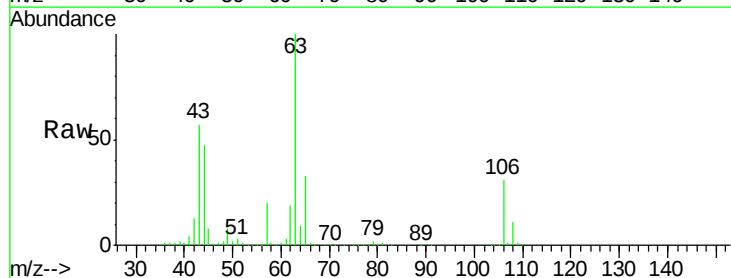
Acq: 14 Jun 2019 11:59

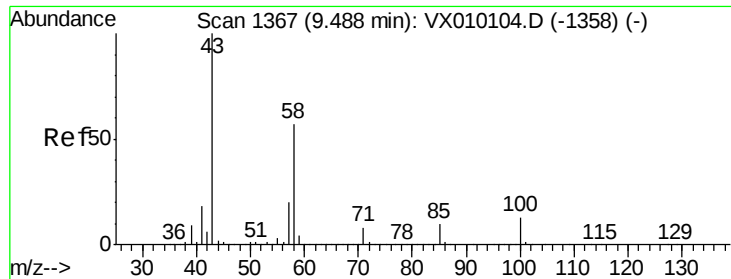
Tgt Ion: 63 Resp: 175718

Ion Ratio Lower Upper

63 100

106 31.2 19.4 29.2#





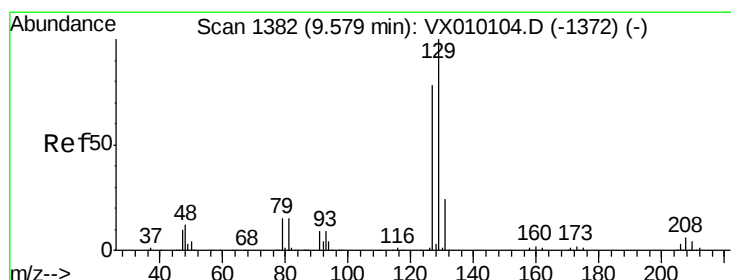
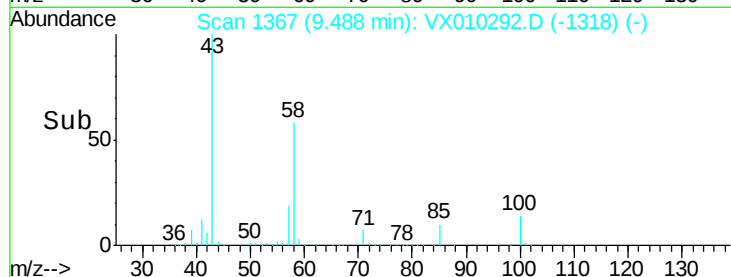
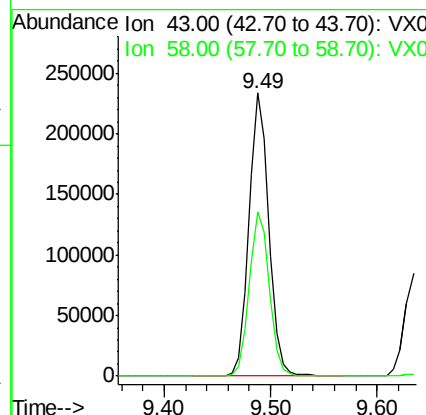
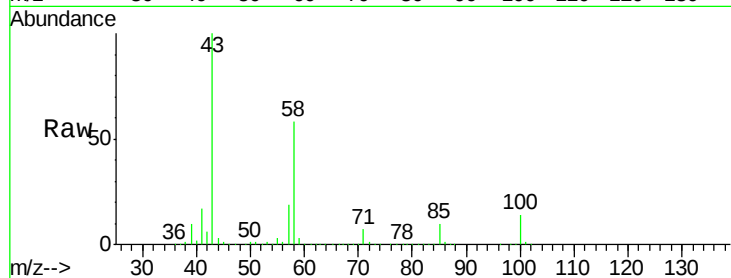
#59
2-Hexanone
Concen: 102.587 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion: 43 Resp: 305654
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3

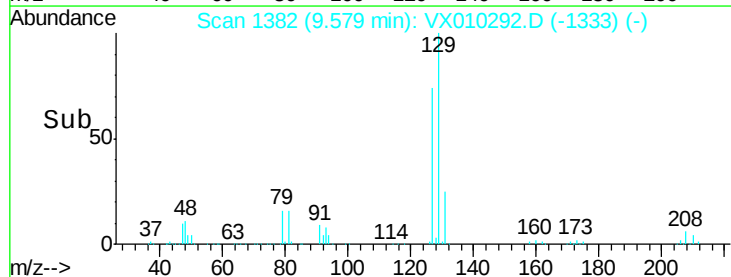
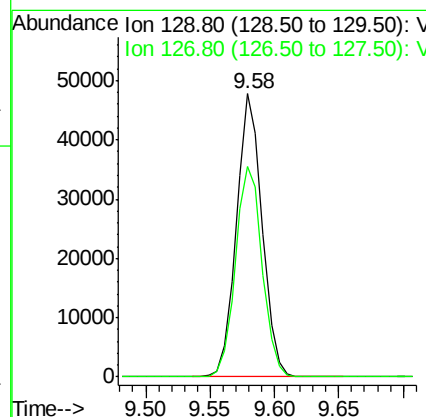
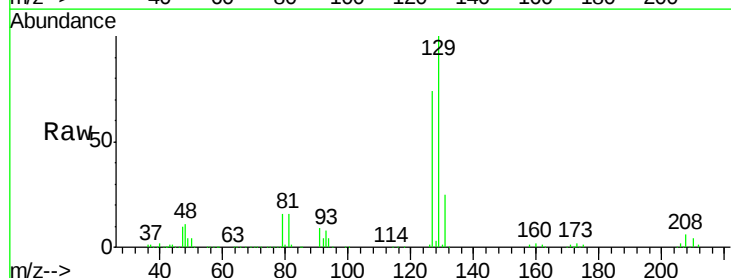
Manual Integrations
APPROVED

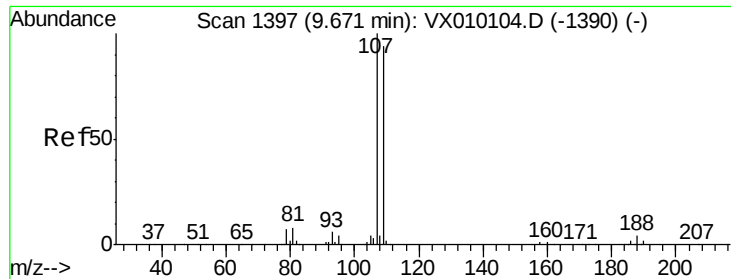
MMDadoda
6/17/2019 10:35:56 AM



#60
Dibromochloromethane
Concen: 18.772 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 129 Resp: 66463
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.188 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion:107 Resp: 63967

Ion Ratio Lower Upper

107 100

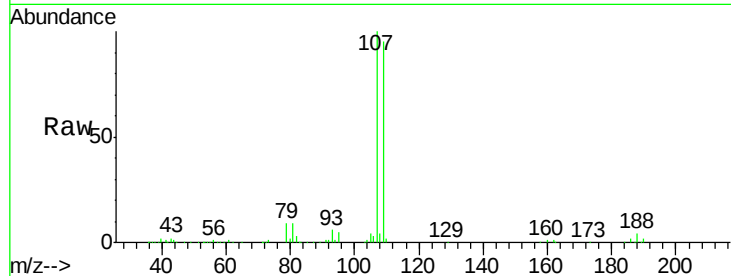
109 95.8 75.4 113.2

Manual Integrations

APPROVED

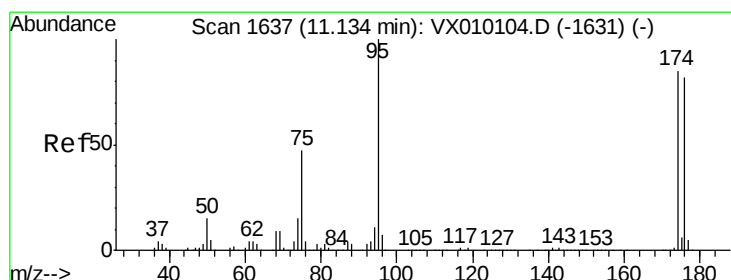
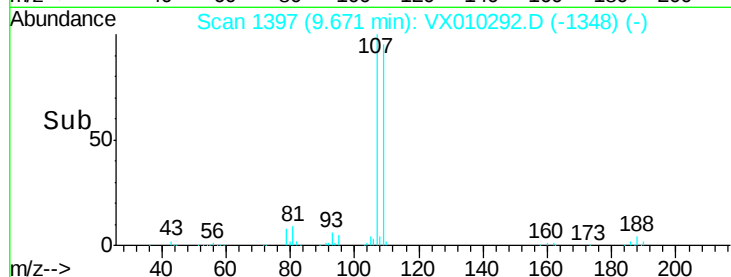
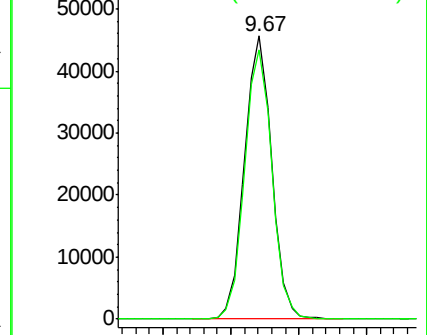
MMDadoda

6/17/2019 10:35:56 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.426 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

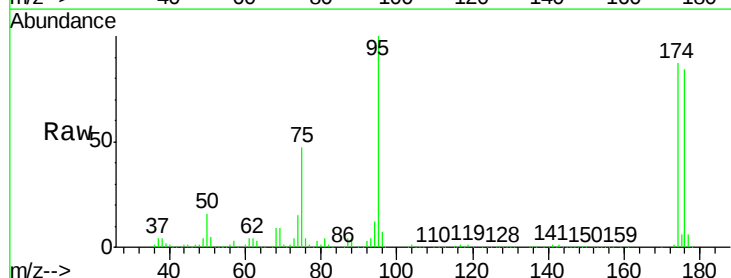
Tgt Ion: 95 Resp: 191872

Ion Ratio Lower Upper

95 100

174 93.2 0.0 160.4

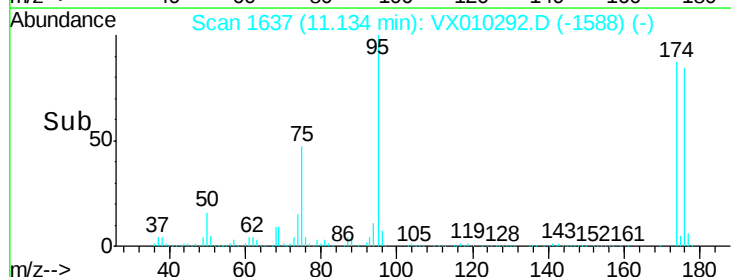
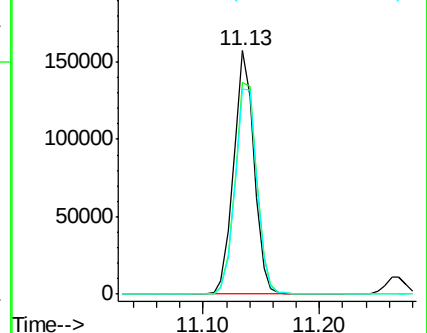
176 90.8 0.0 154.6

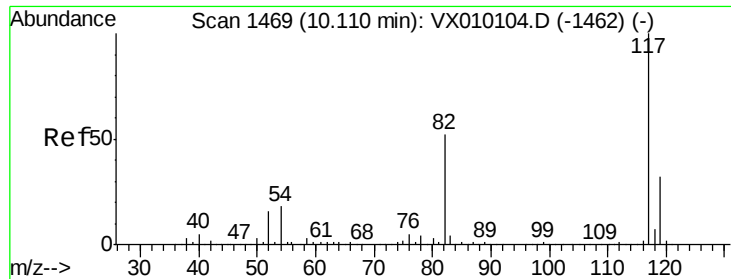


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





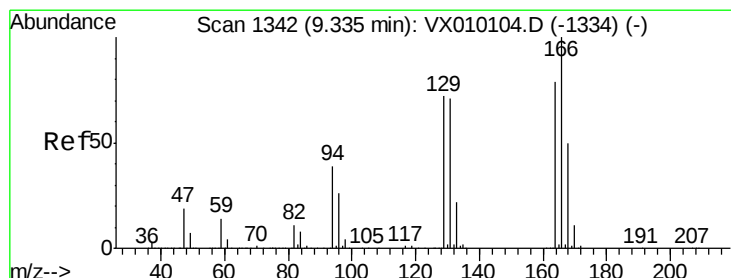
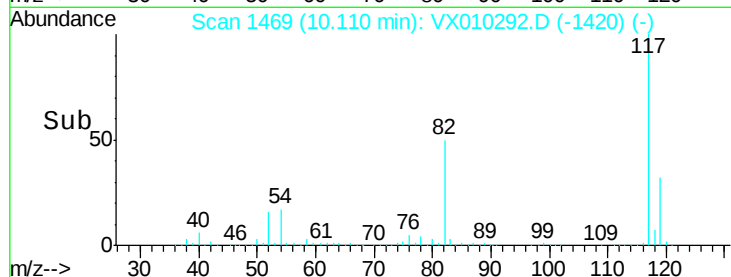
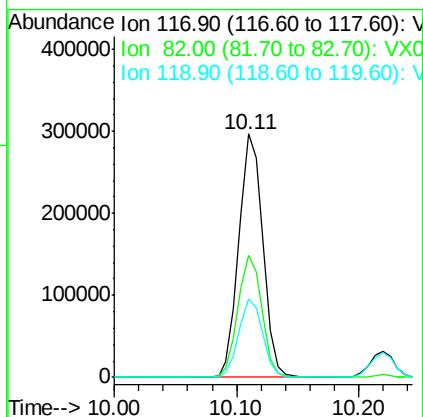
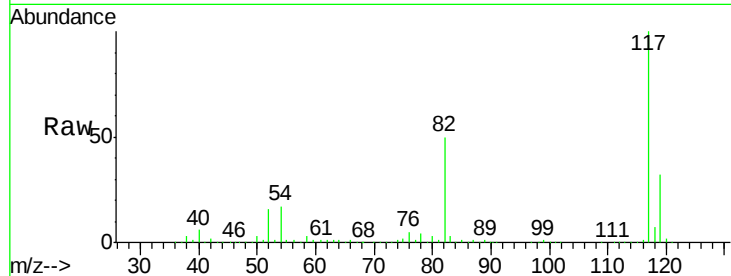
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	49.2	73.8
119	32.1	25.2	37.8

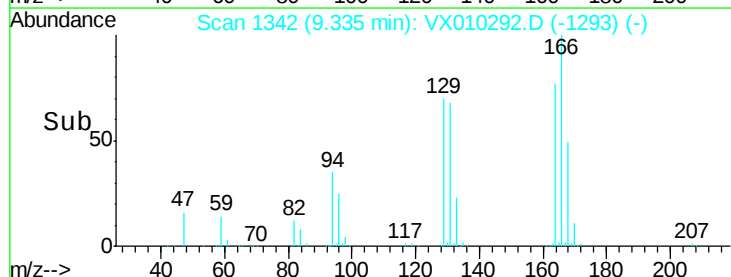
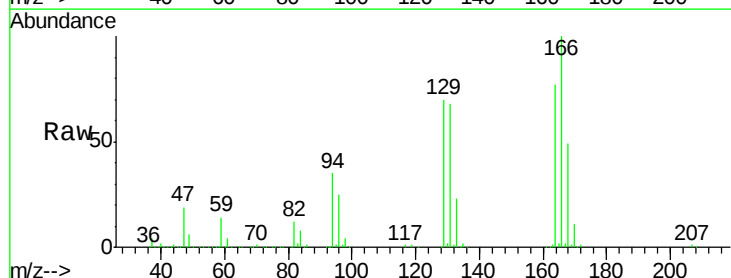
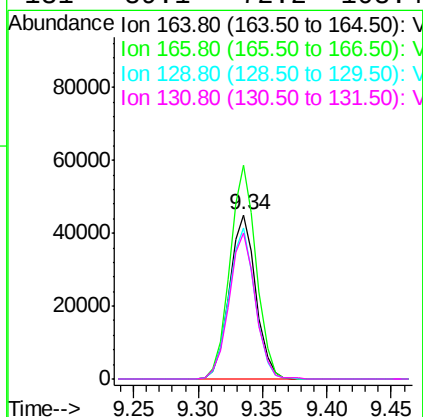
Manual Integrations
APPROVED

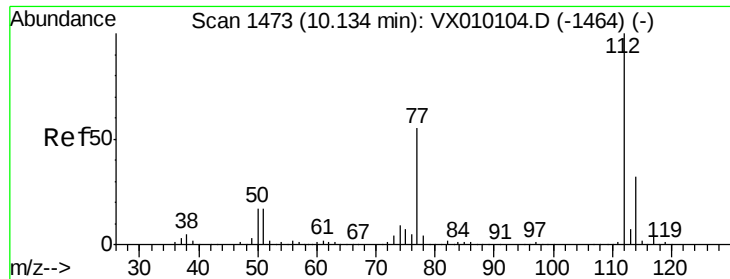
MMDadoda
6/17/2019 10:35:56 AM



#64
Tetrachloroethene
Concen: 21.696 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	105.0	157.4
129	91.8	75.1	112.7
131	89.1	72.2	108.4





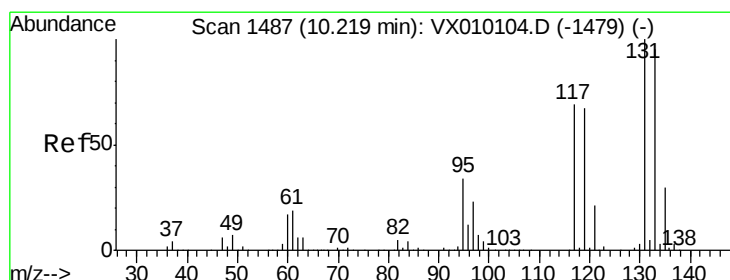
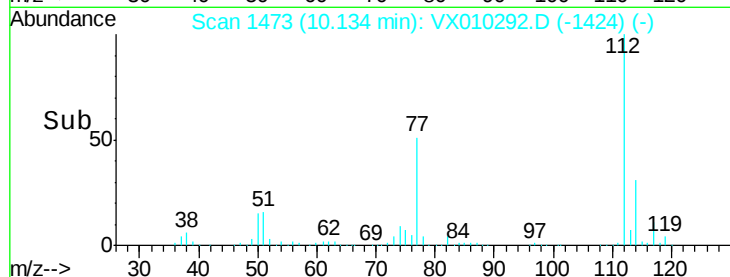
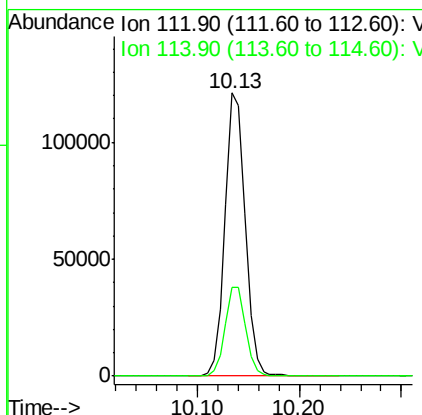
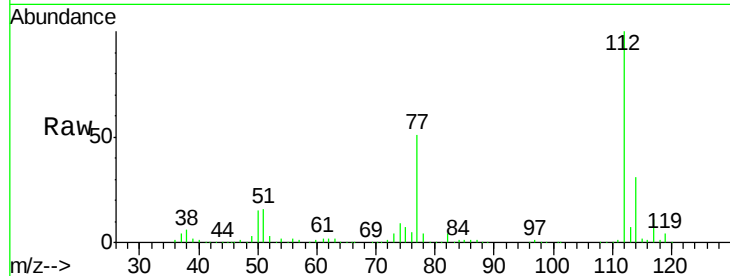
#65
Chlorobenzene
Concen: 20.094 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion:112 Resp: 166467
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

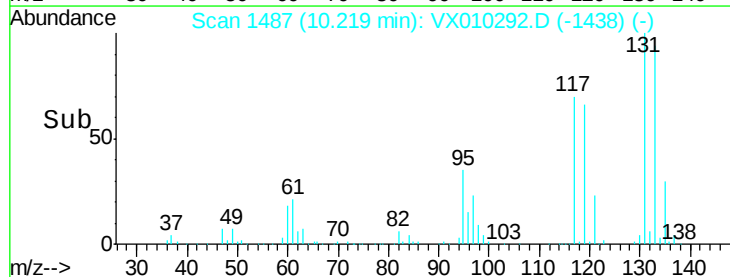
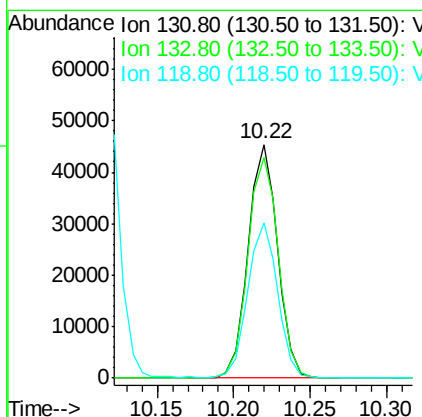
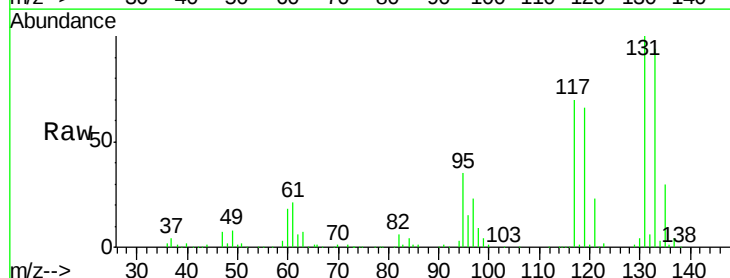
Manual Integrations
APPROVED

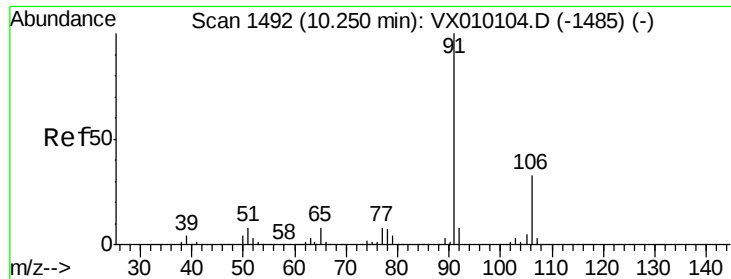
MMDadoda
6/17/2019 10:35:56 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.049 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:131 Resp: 60689
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.6
119 67.3 33.4 100.1





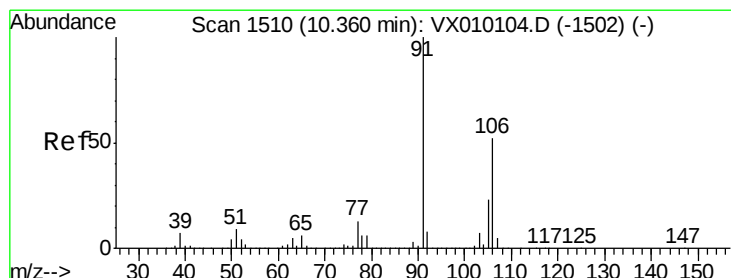
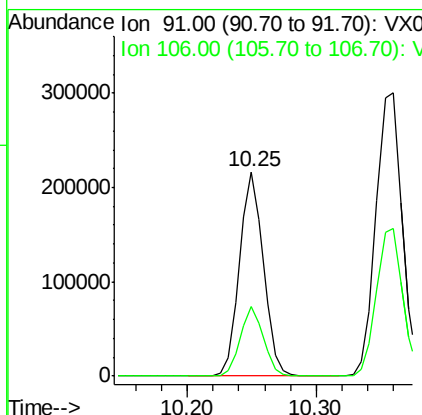
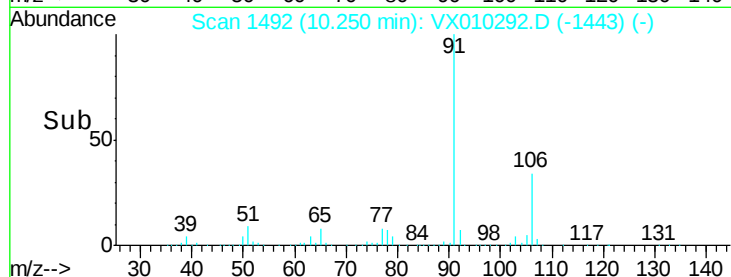
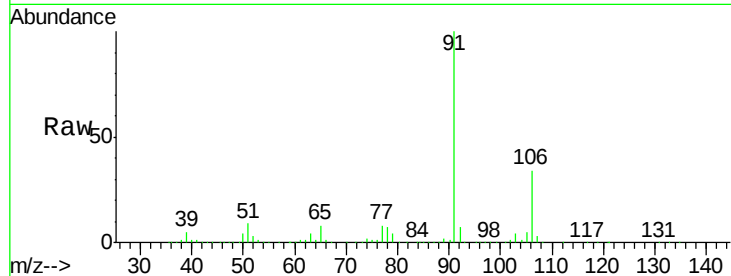
#67
Ethyl Benzene
Concen: 19.779 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0614WBS01

Tot Ion: 91 Resp: 278944
Ion Ratio Lower Upper
91 100
106 33.8 23.9 35.9

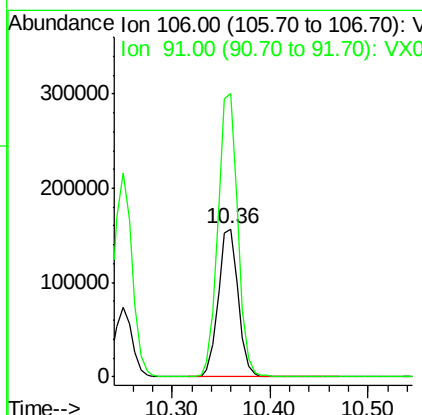
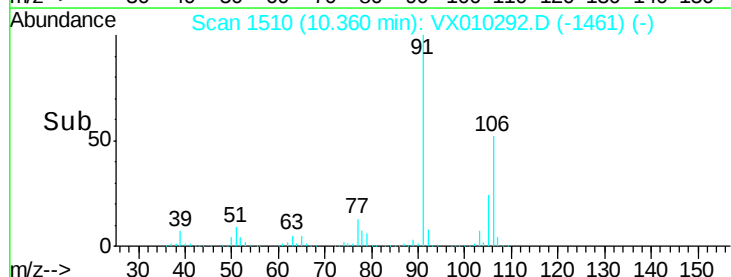
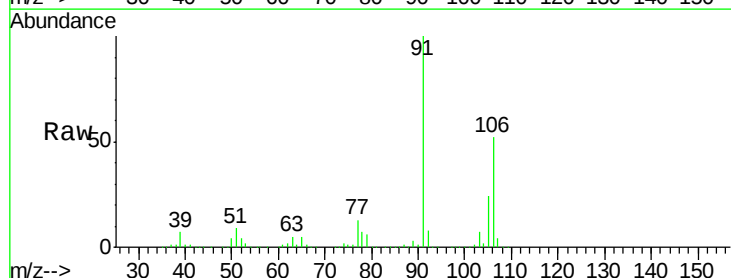
Manual Integrations
APPROVED

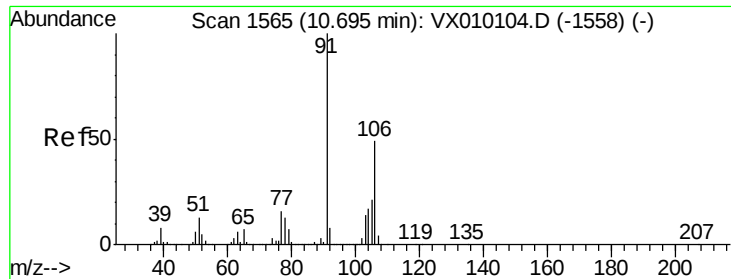
MMDadoda
6/17/2019 10:35:56 AM



#68
m/p-Xylenes
Concen: 40.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion: 106 Resp: 220336
Ion Ratio Lower Upper
106 100
91 191.4 167.3 250.9





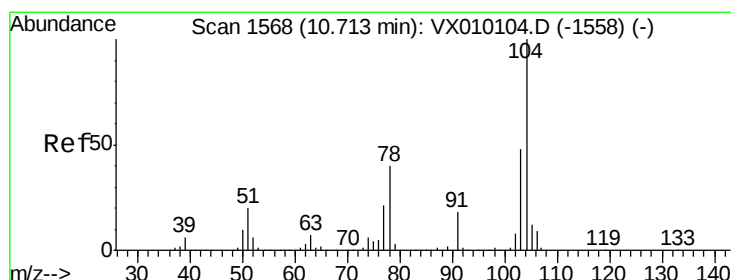
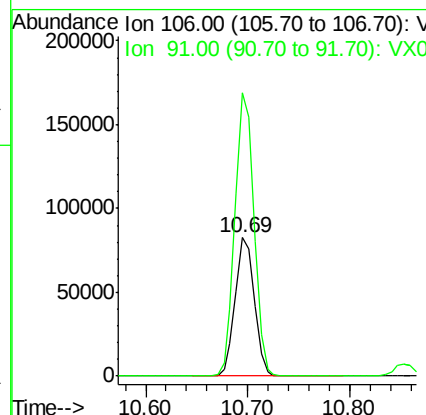
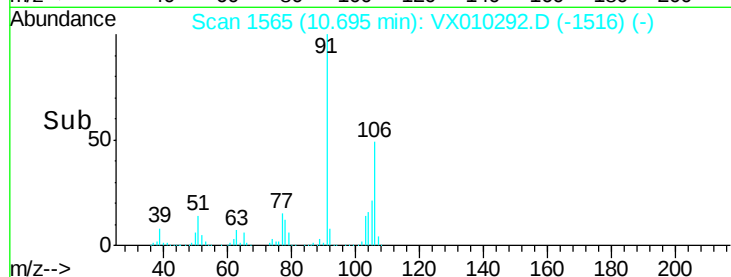
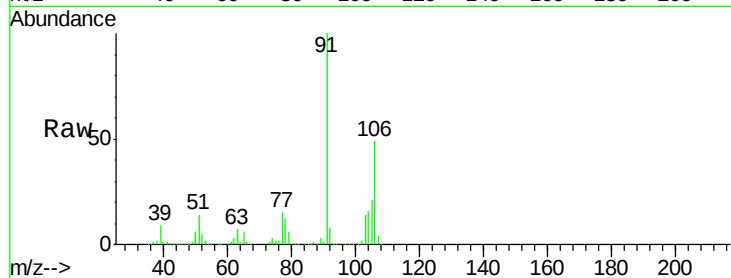
#69
o-Xylene
Concen: 19.709 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion:106 Resp: 106920
Ion Ratio Lower Upper
106 100
91 202.9 110.4 331.2

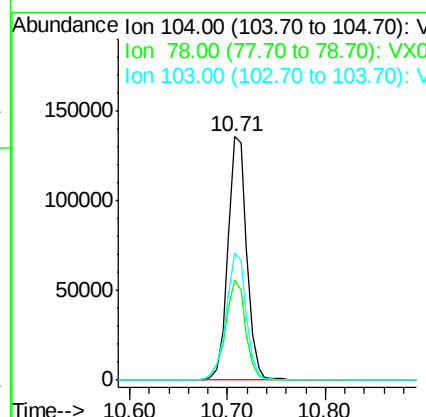
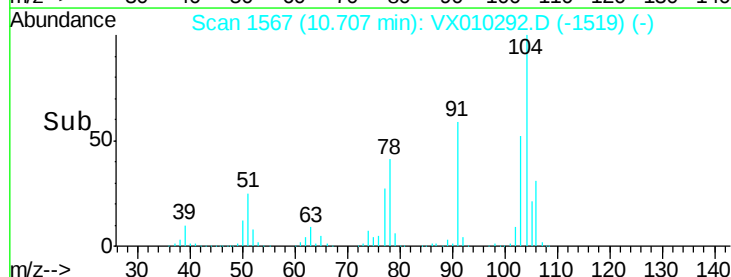
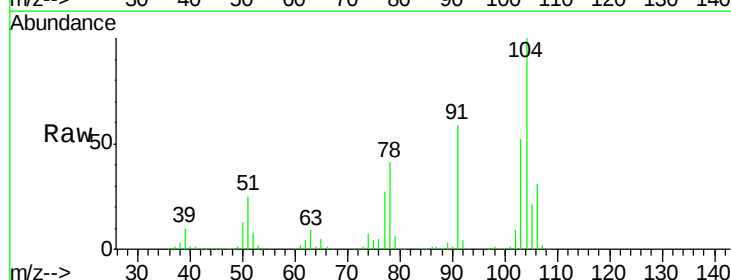
Manual Integrations
APPROVED

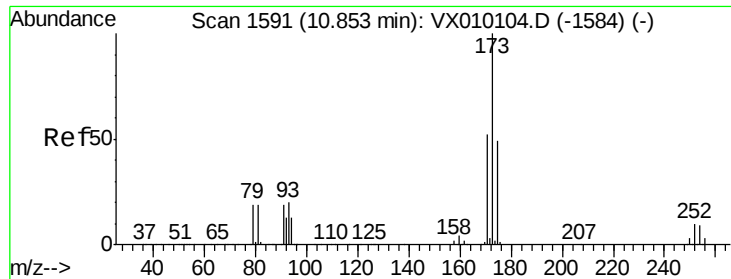
MMDadoda
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#70
Styrene
Concen: 19.687 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion:104 Resp: 180889
Ion Ratio Lower Upper
104 100
78 44.2 42.1 63.1
103 55.7 44.1 66.1





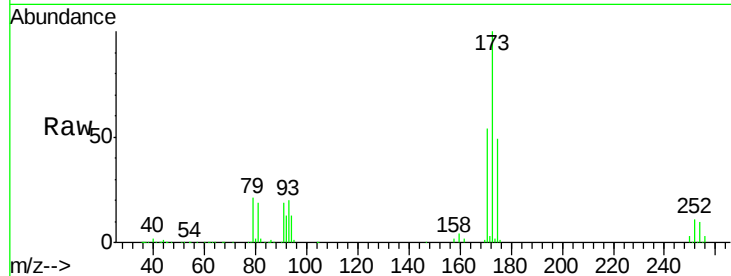
#71
Bromoform
Concen: 18.123 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

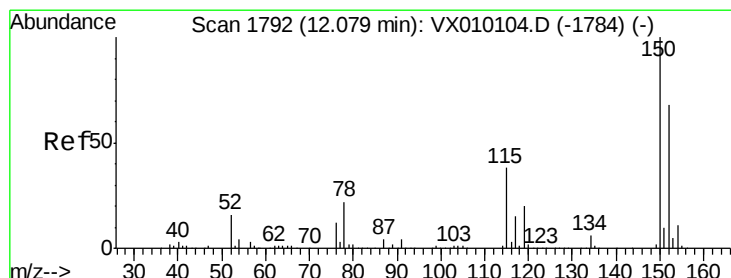
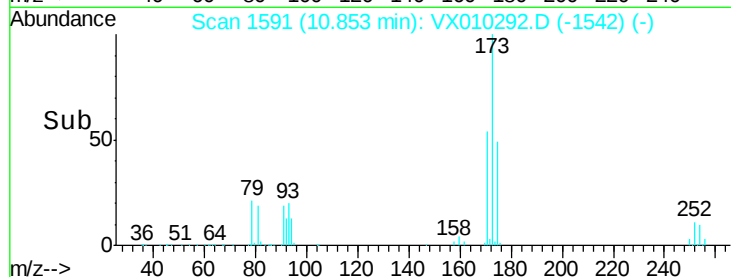
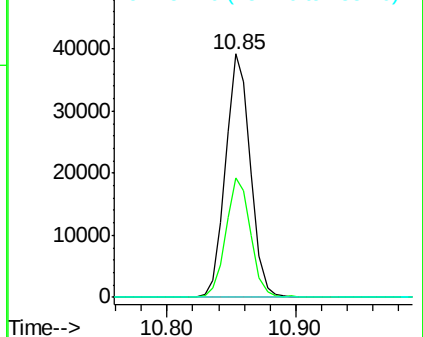
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.0	75.0
254	0.1	0.2	0.2

Manual Integrations
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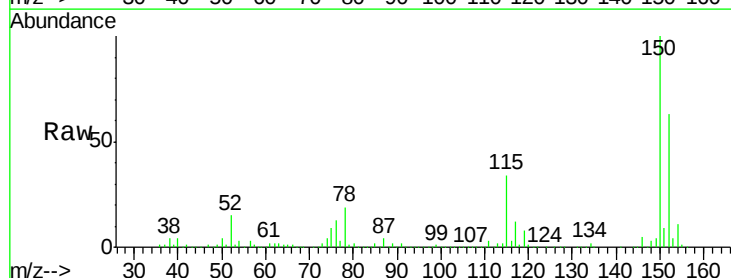


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

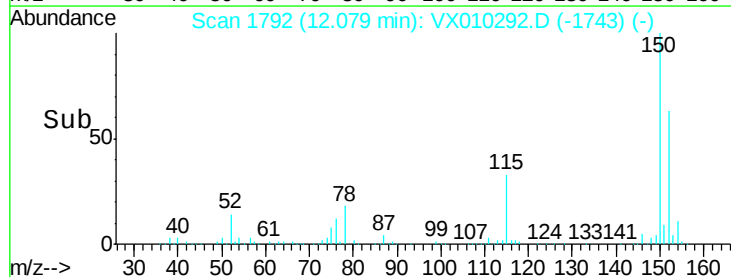
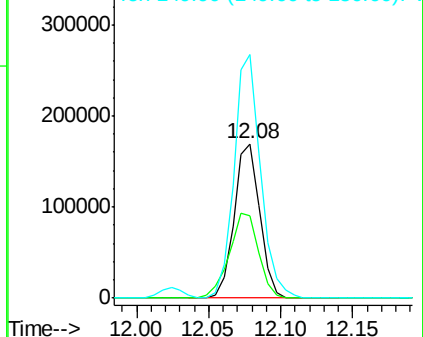


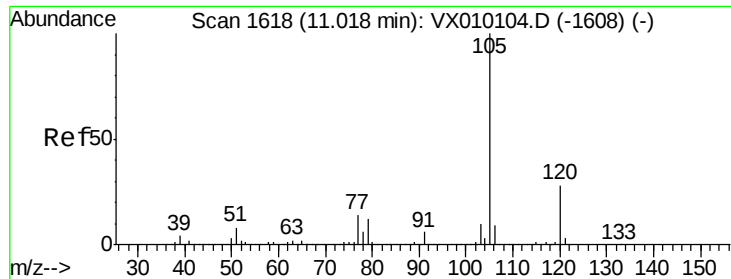
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	41.4	124.2
150	163.2	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: 19.215 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

Tot Ion: 105 Resp: 283473

Ion Ratio Lower Upper

105 100

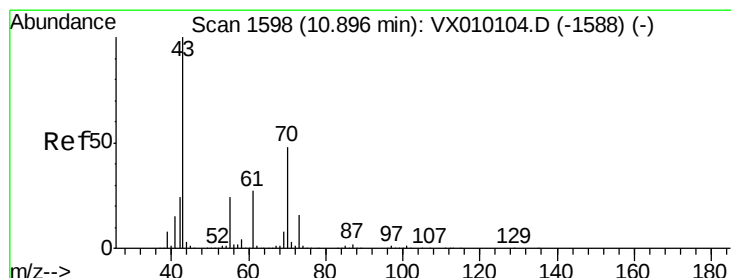
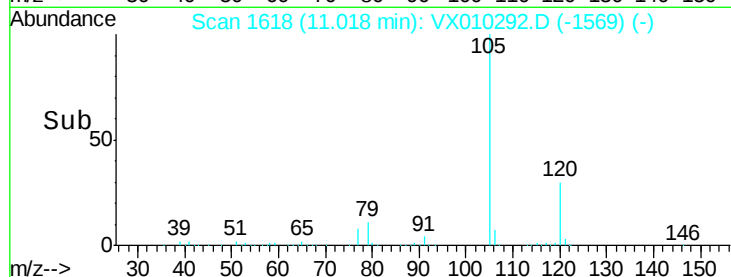
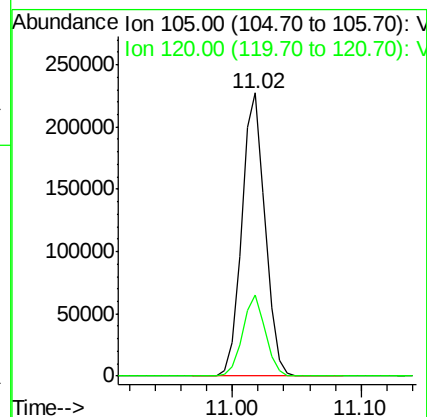
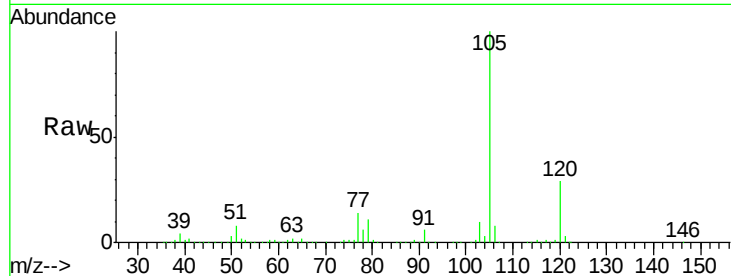
120 27.9 12.8 38.4

Manual Integrations

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6/17/2019 10:35:56 AM



#74

N-ethyl acetate

Concen: 18.344 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion: 43 Resp: 106974

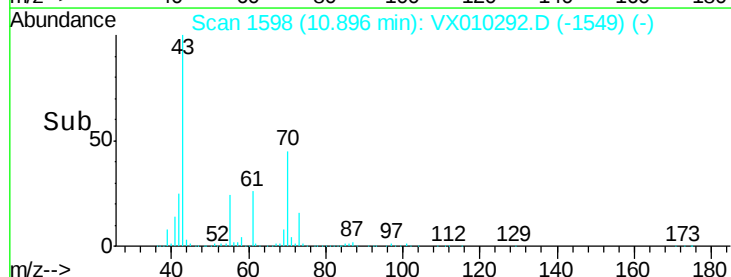
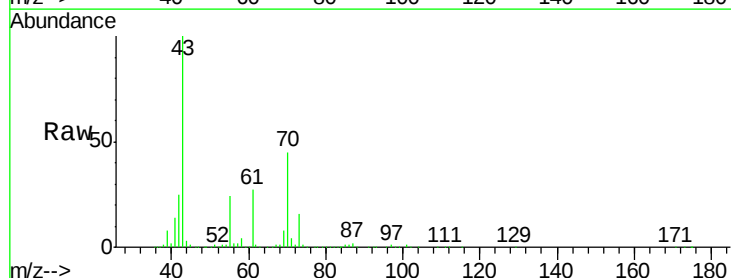
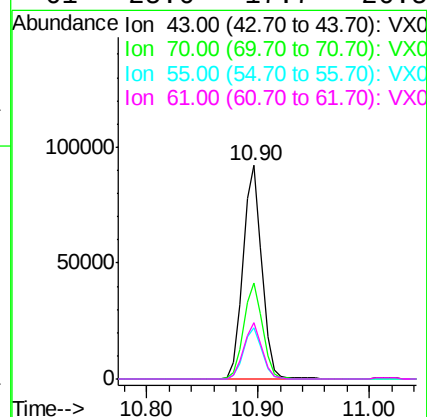
Ion Ratio Lower Upper

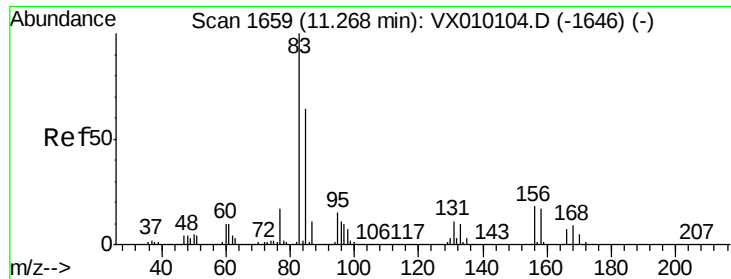
43 100

70 45.6 28.6 43.0#

55 24.2 17.8 26.8

61 25.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 83 Resp: 94889

Ion Ratio Lower Upper

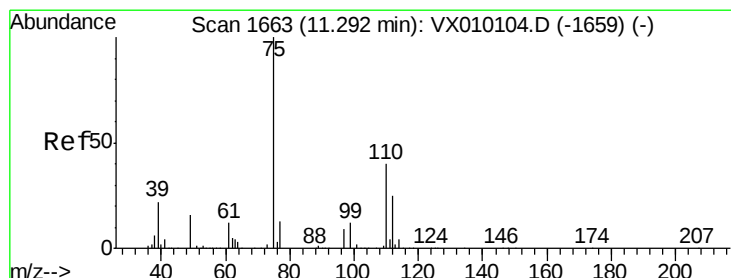
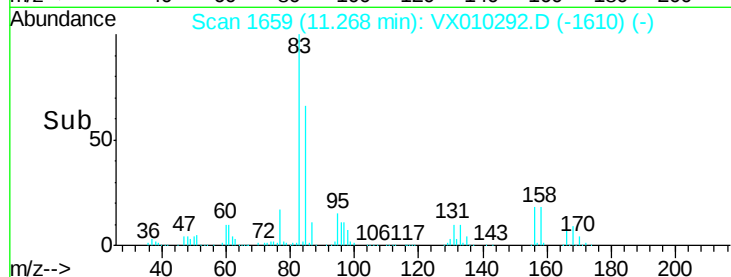
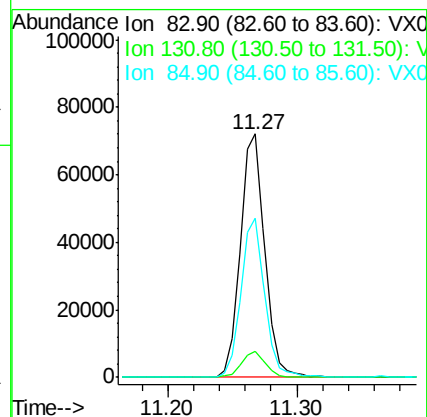
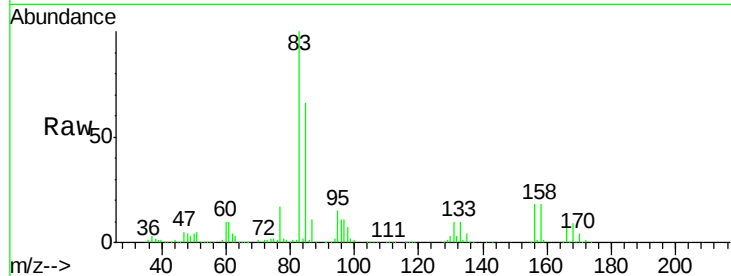
83 100

131 10.6 4.7 14.1

85 64.1 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.494 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010292.D

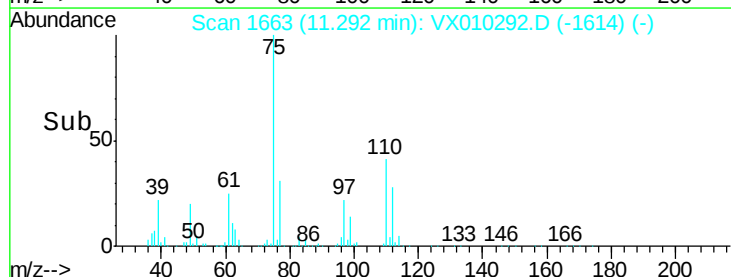
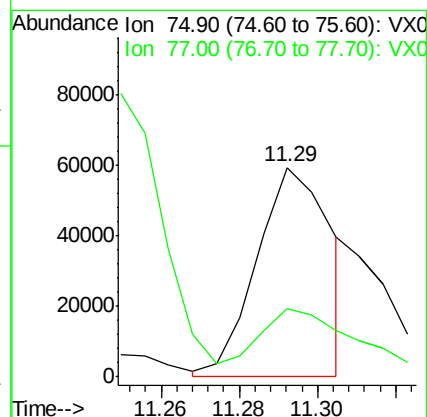
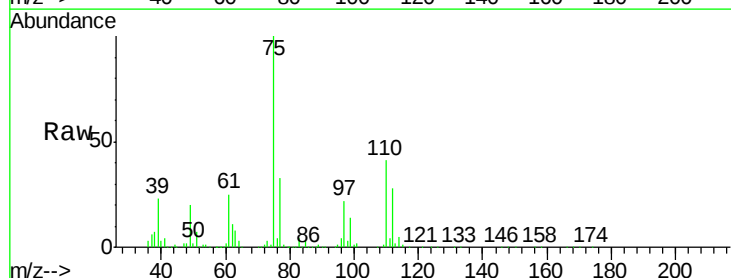
Acq: 14 Jun 2019 11:59

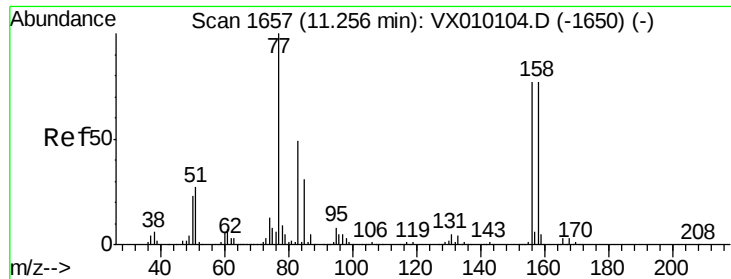
Tgt Ion: 75 Resp: 78177

Ion Ratio Lower Upper

75 100

77 43.7 22.1 66.1





#77

Bromobenzene

Concen: 19.132 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

Tot Ion:156 Resp: 77616

Ion Ratio Lower Upper

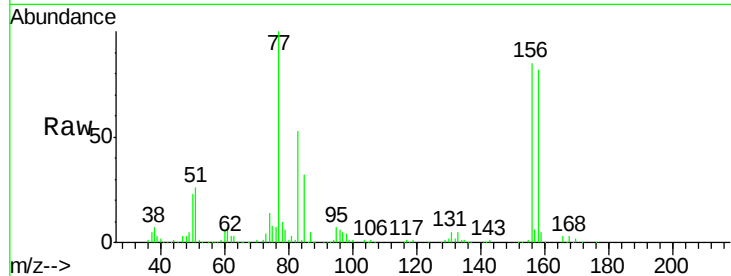
156 100

77 131.5 86.8 260.3

158 97.9 49.6 148.8

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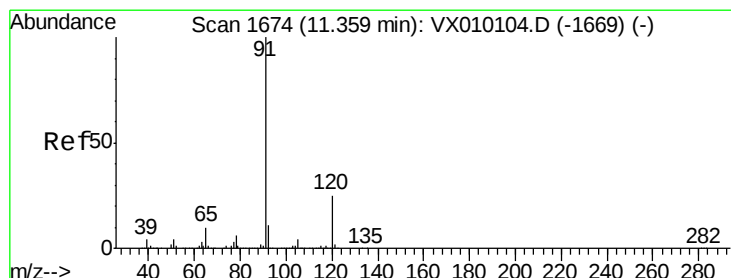
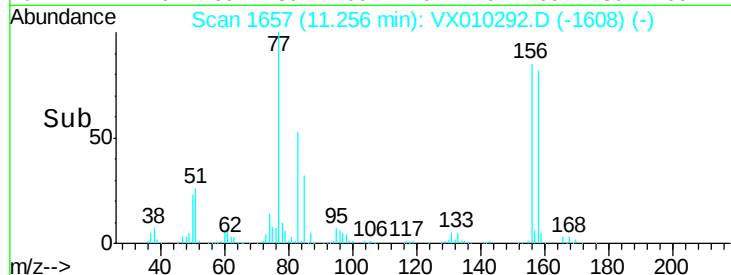
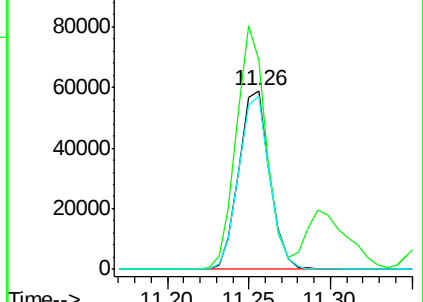
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6/17/2019 10:35:56 AM



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: 19.114 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010292.D

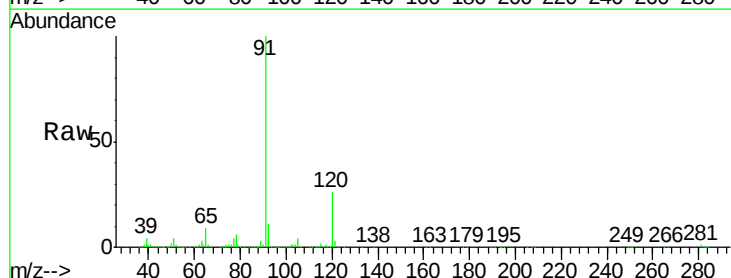
Acq: 14 Jun 2019 11:59

Tgt Ion: 91 Resp: 313927

Ion Ratio Lower Upper

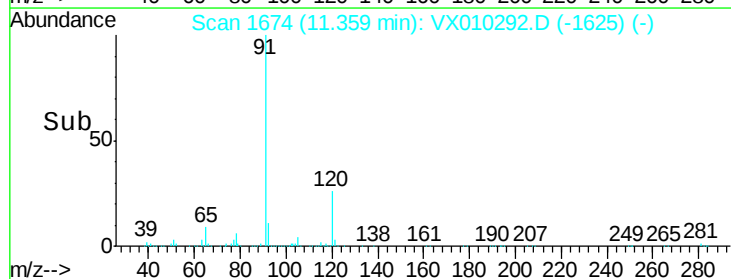
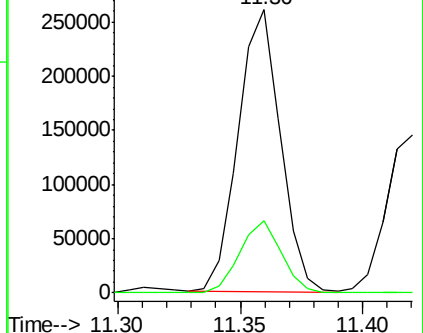
91 100

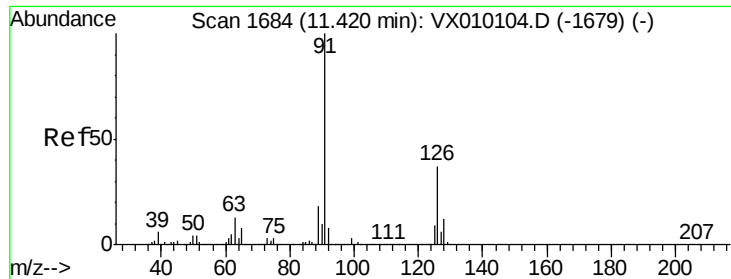
120 25.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.656 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS01

Tot Ion: 91 Resp: 184025

Ion Ratio Lower Upper

91 100

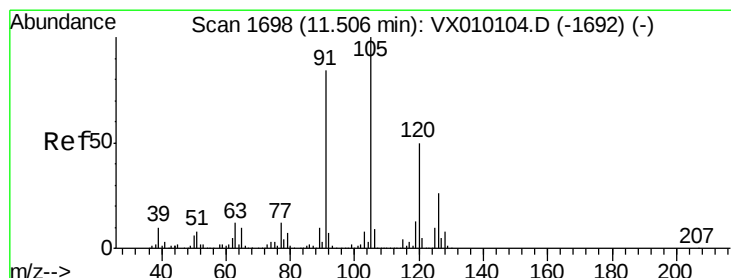
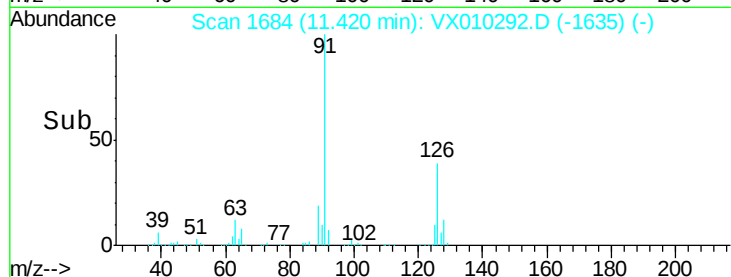
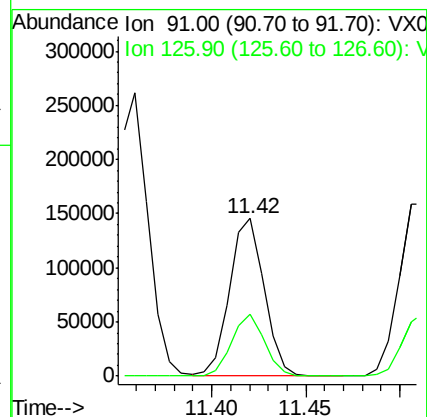
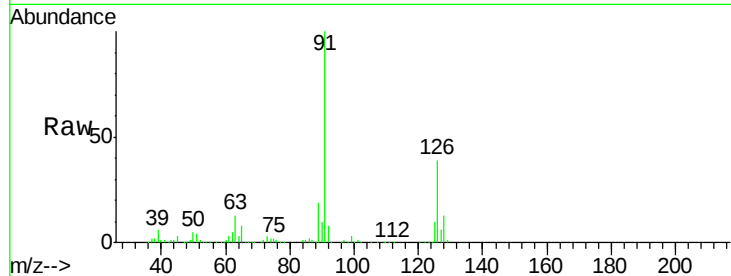
126 38.1 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.067 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010292.D

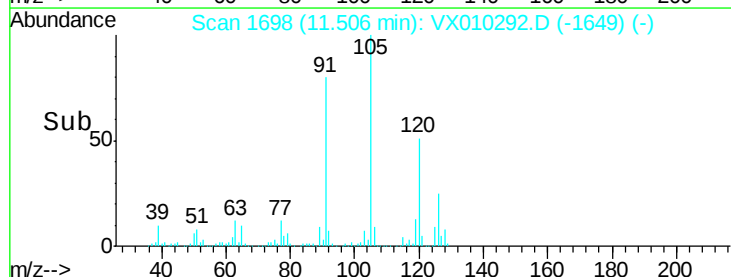
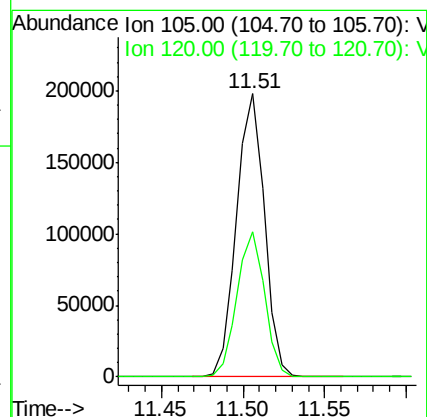
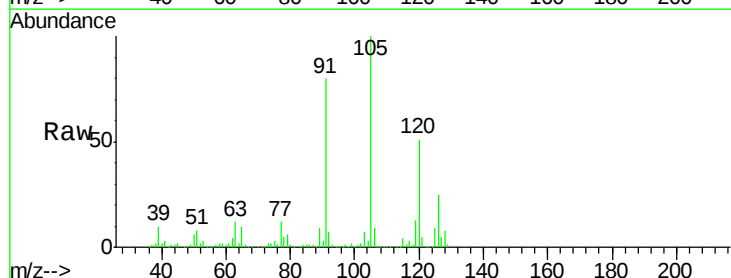
Acq: 14 Jun 2019 11:59

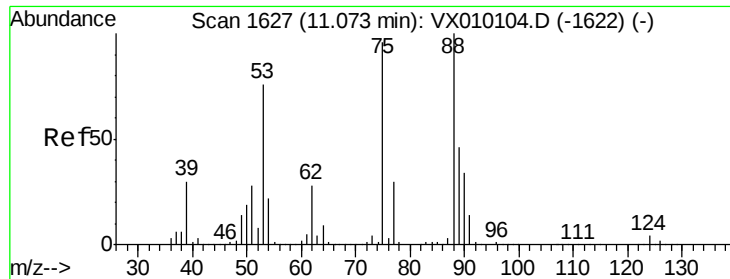
Tgt Ion: 105 Resp: 236925

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.407 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

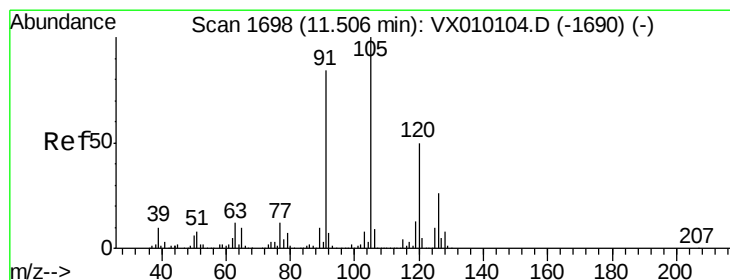
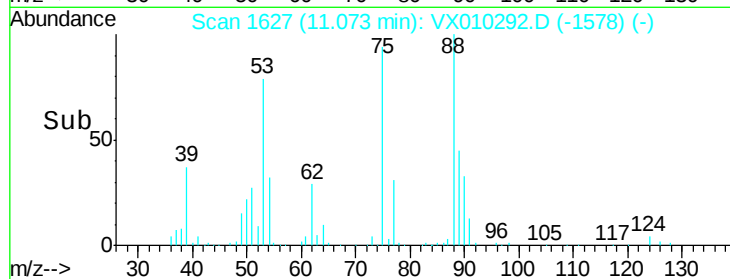
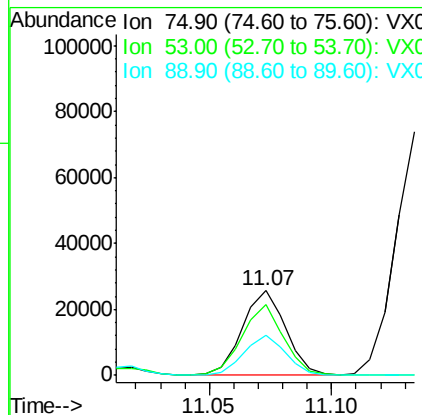
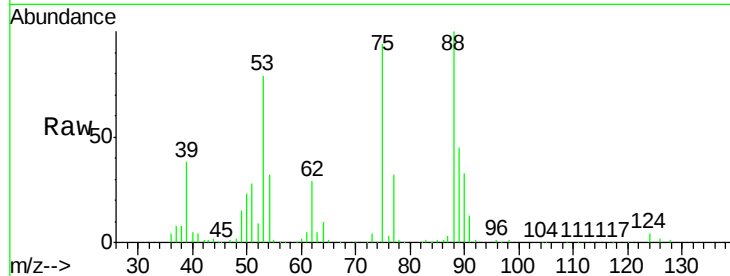
ClientSampleId :

VX0614WBS01

Tot Ion:	75	Resp:	31390
Ion Ratio	Lower	Upper	
75	100		
53	81.7	79.8	119.6
89	46.5	34.2	51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.845 ug/l

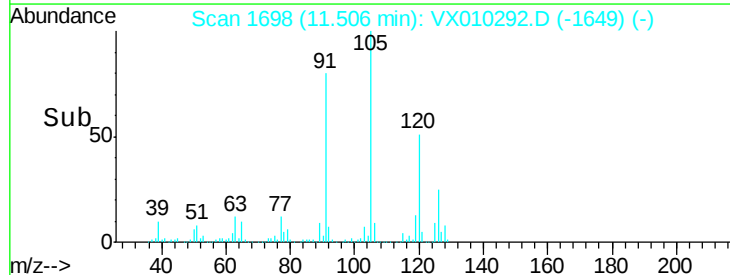
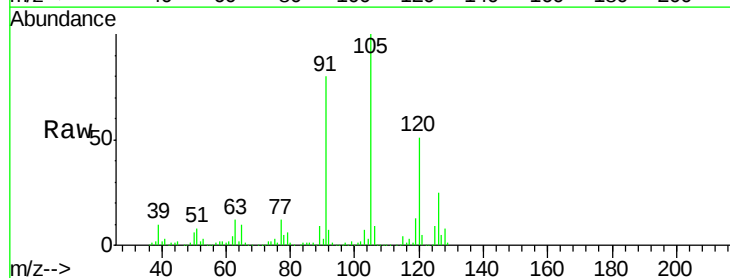
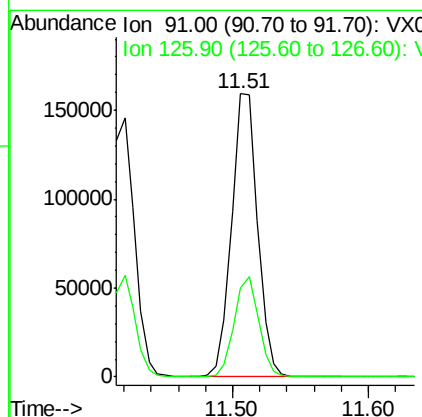
RT: 11.51 min Scan# 1698

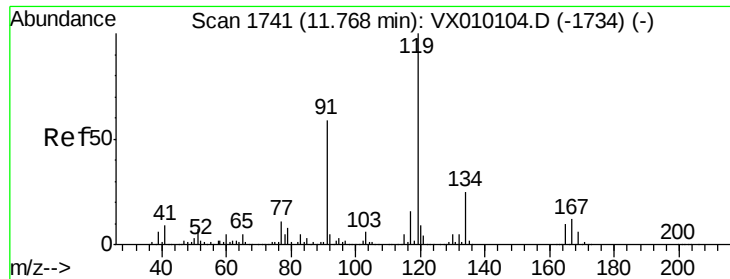
Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion:	91	Resp:	211169
Ion Ratio	Lower	Upper	
91	100		
126	33.8	14.2	42.6





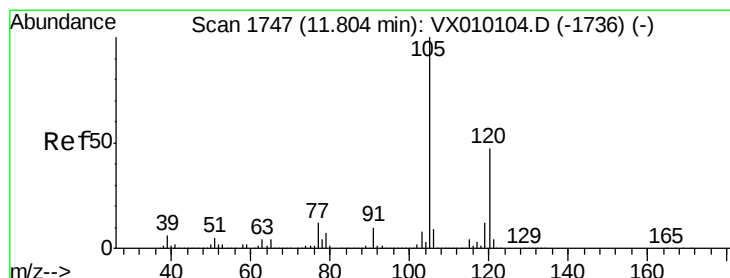
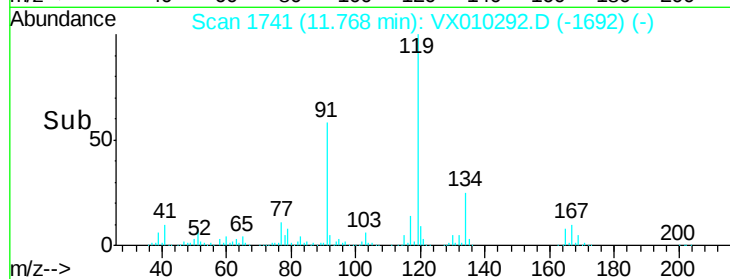
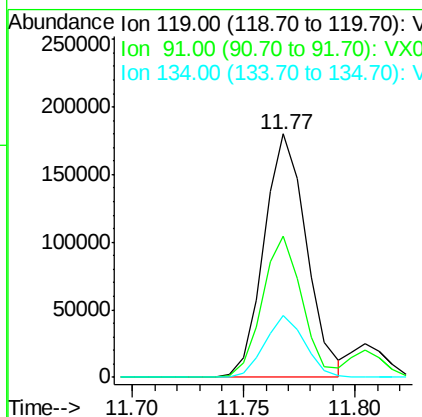
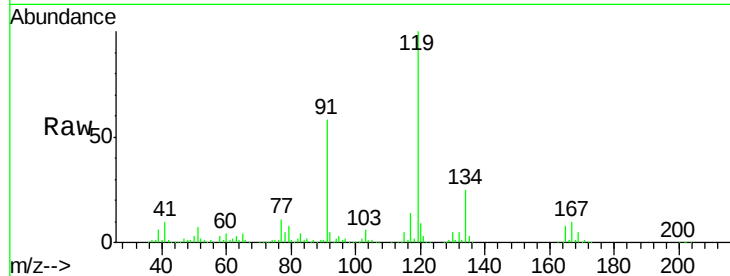
#83
tert-Butylbenzene
Concen: 18.905 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	237760		
91	55.0	30.0	90.0	
134	24.0	11.2	33.5	

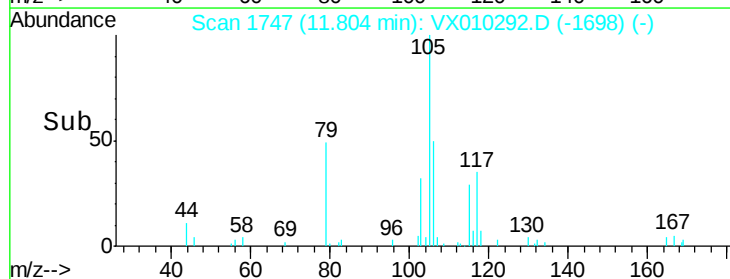
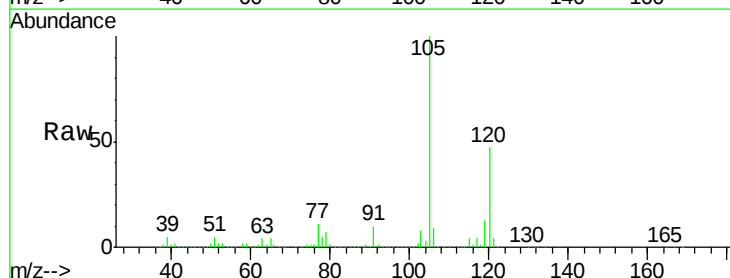
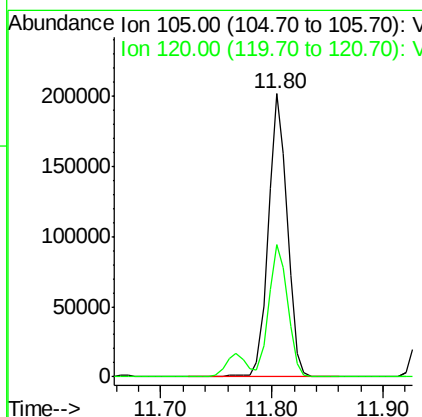
Manual Integrations
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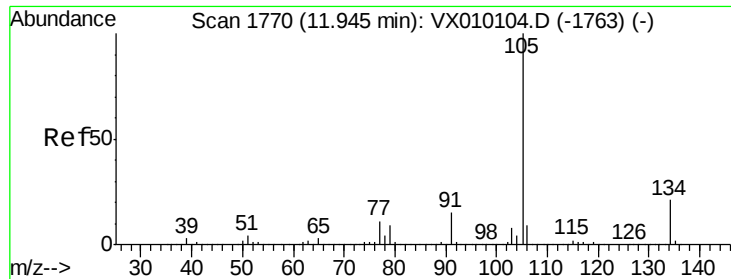
MMDadoda
6/17/2019 10:35:56 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.086 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239552		
120	46.5	22.1	66.1	





#85

sec-Butylbenzene

Concen: 19.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0614WBS01

Tot Ion:105 Resp: 282570

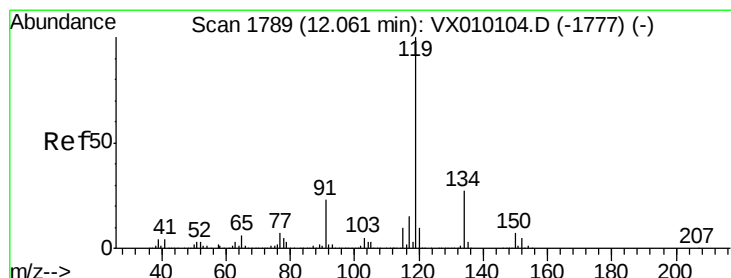
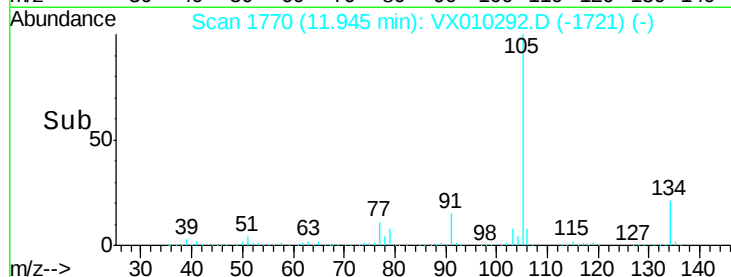
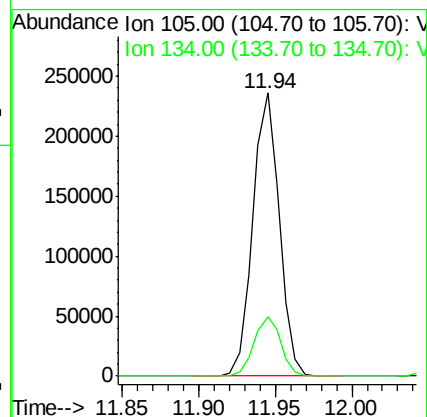
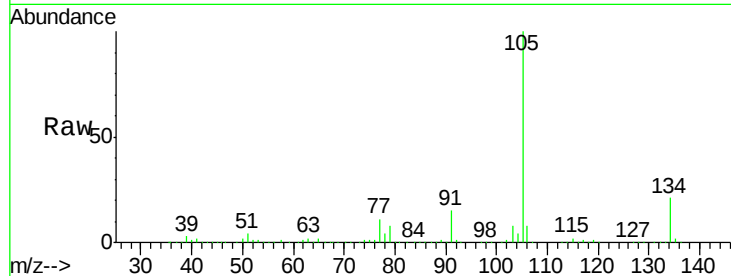
Ion Ratio Lower Upper

105 100

134 21.4 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 19.476 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

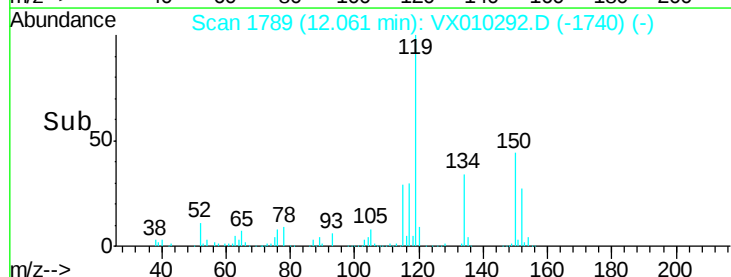
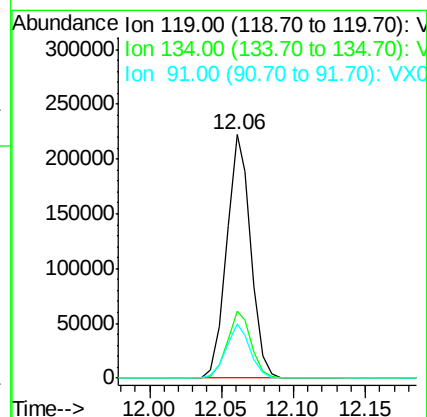
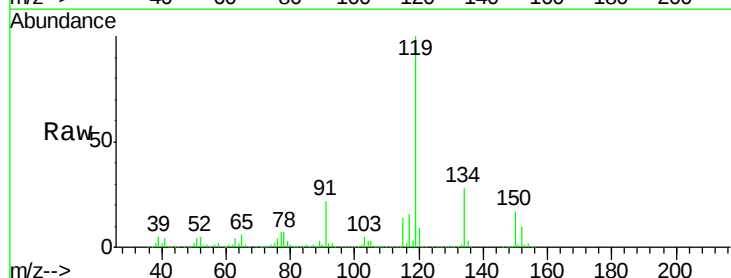
Tgt Ion:119 Resp: 260875

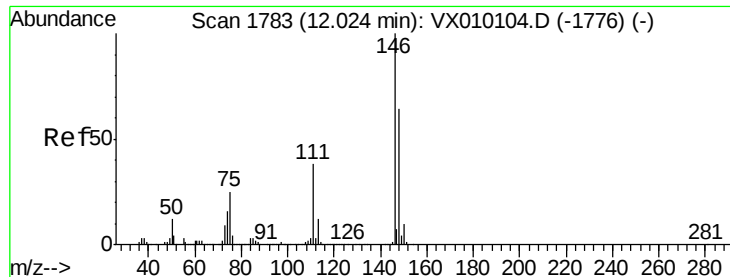
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.0 11.9 35.9





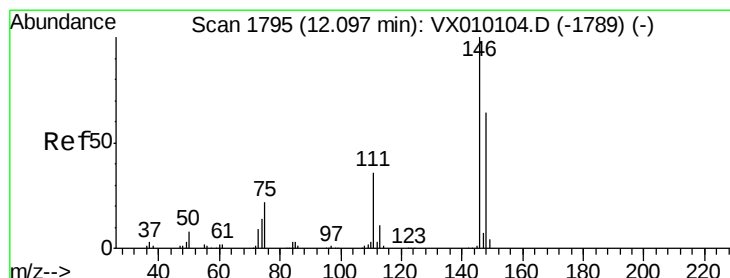
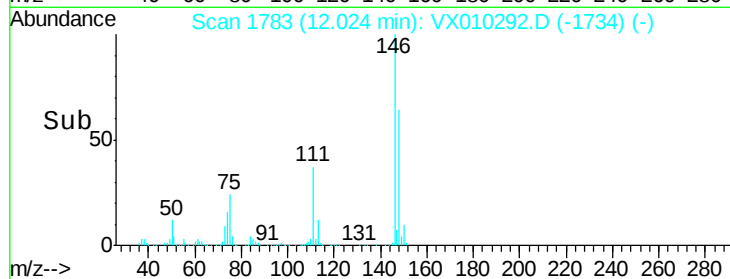
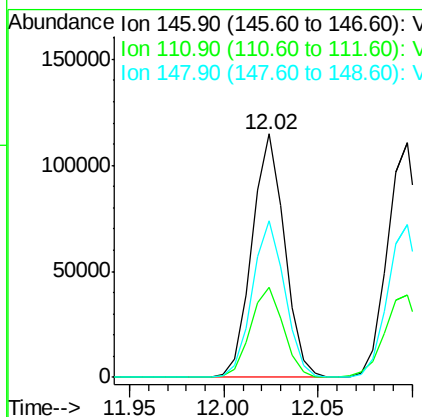
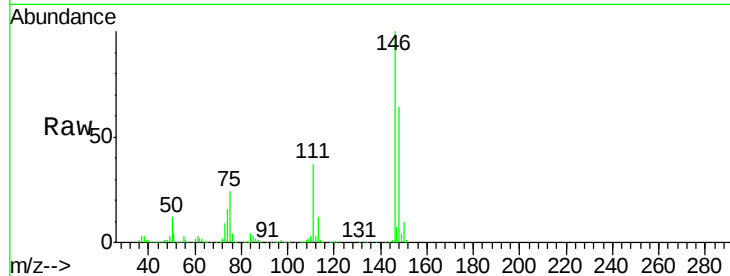
#87
 1,3-Dichlorobenzene
 Concen: 19.271 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.1	60.2
148	64.4	31.9	95.5

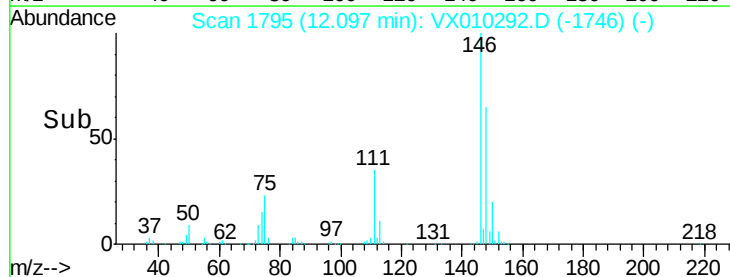
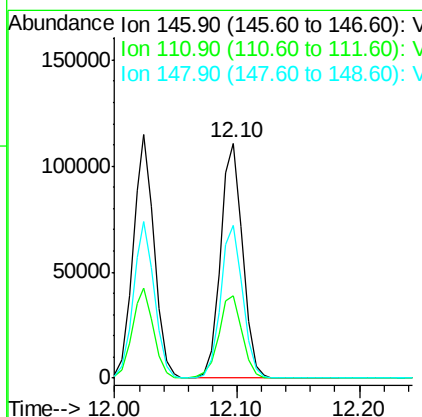
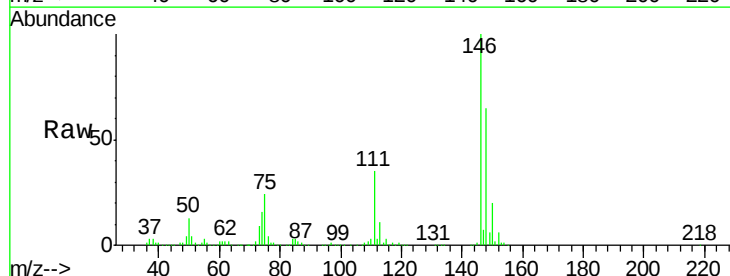
Manual Integrations
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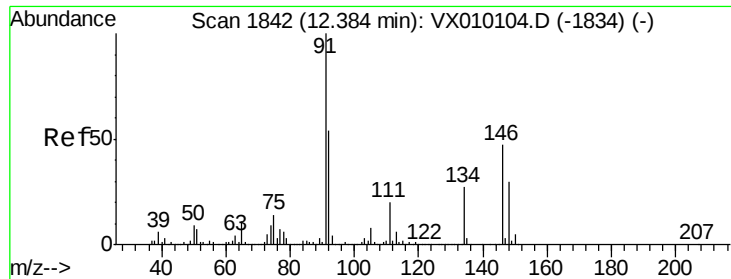
MMDadoda
 6/17/2019 10:35:56 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.199 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.0	59.9
148	65.3	32.3	96.9





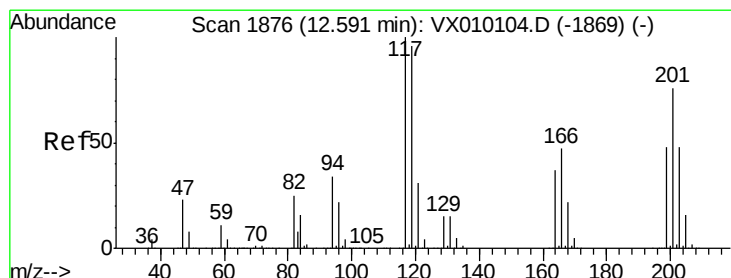
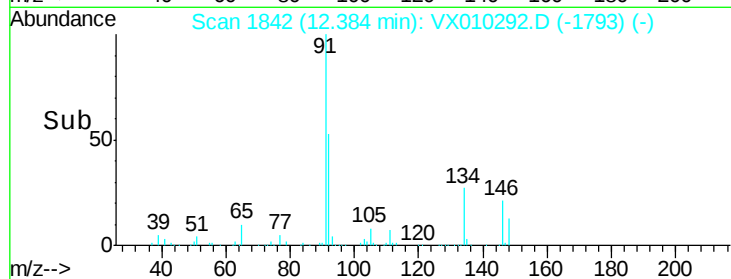
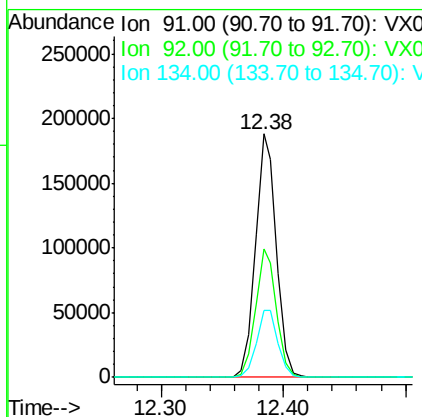
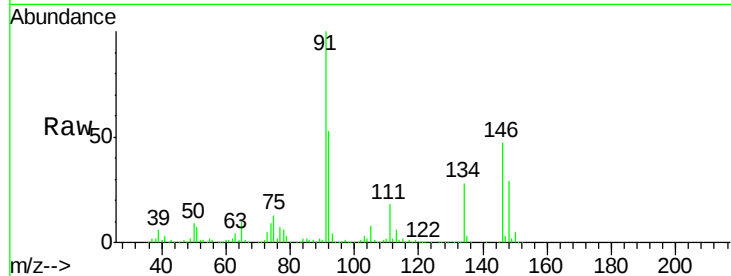
#89
n-Butylbenzene
Concen: 19.473 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.8
134	28.4	12.3	36.8

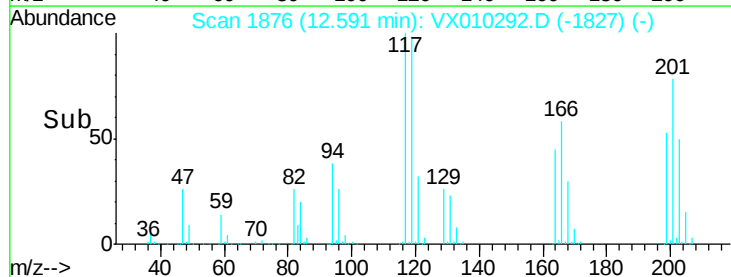
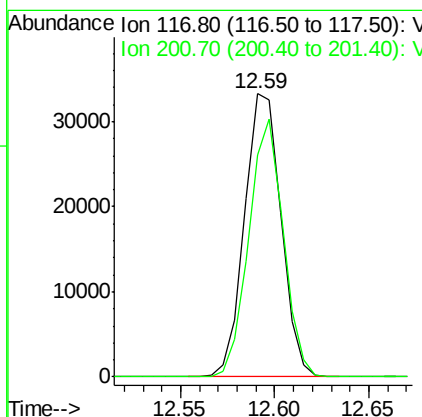
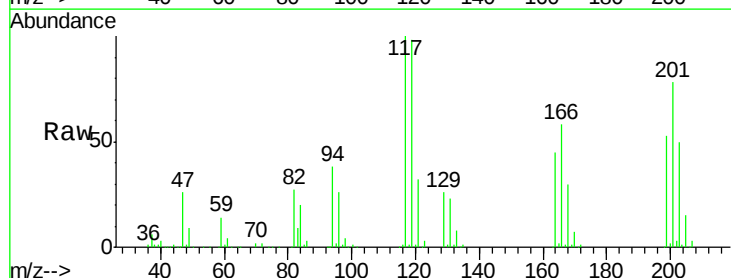
Manual Integrations
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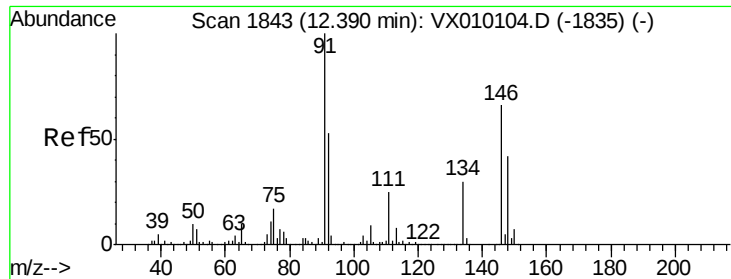
MMDadoda
6/17/2019 10:35:56 AM



#90
Hexachloroethane
Concen: 16.810 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010292.D
Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.6	130.9





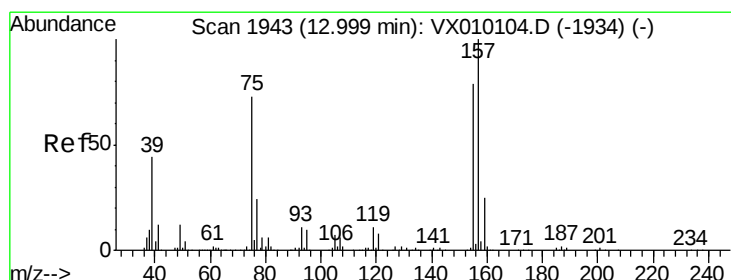
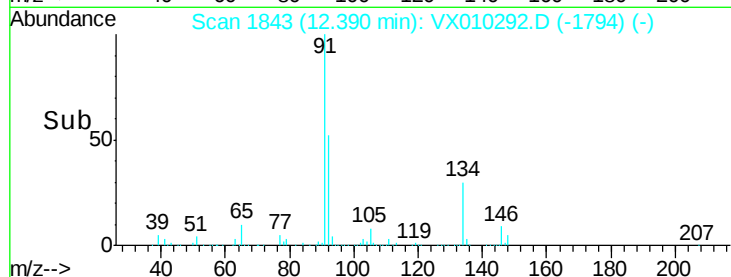
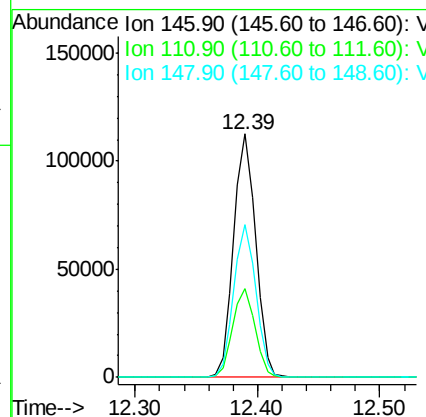
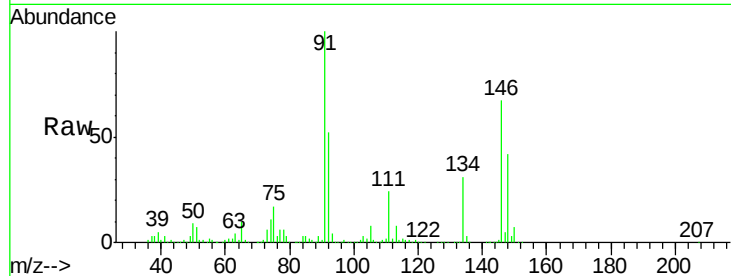
#91
 1,2-Dichlorobenzene
 Concen: 20.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140148		
111	37.0	21.1	63.1	
148	62.8	32.3	96.8	

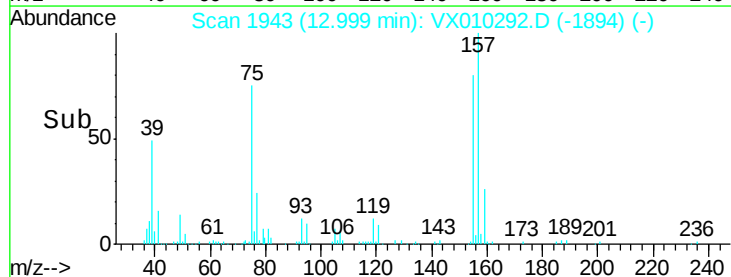
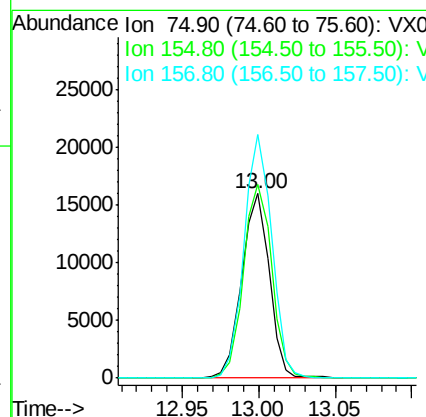
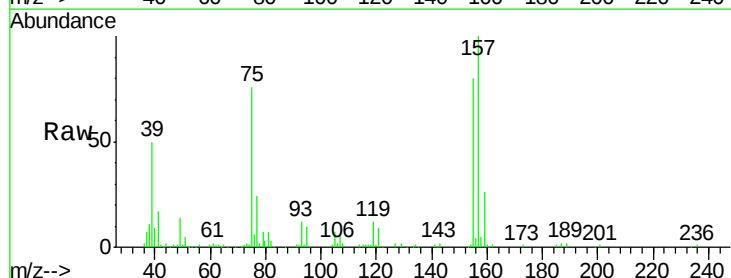
Manual Integrations
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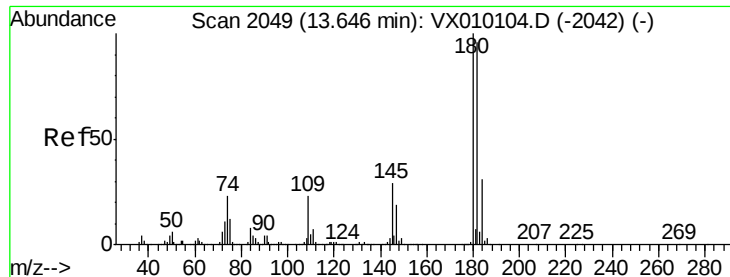
MMDadoda
 6/17/2019 10:35:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.791 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19953		
155	108.1	39.3	117.8	
157	133.2	50.6	151.8	





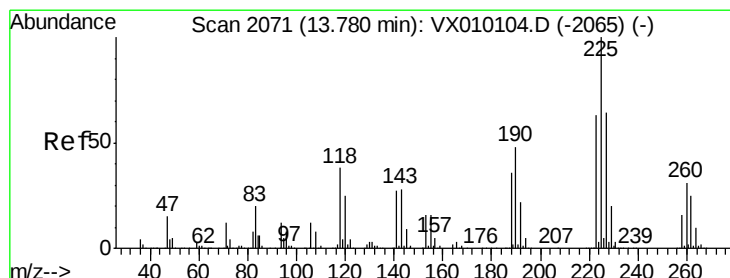
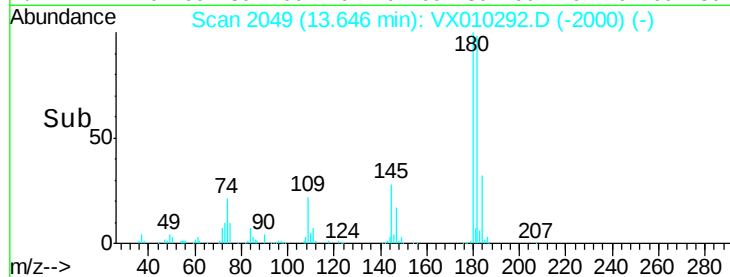
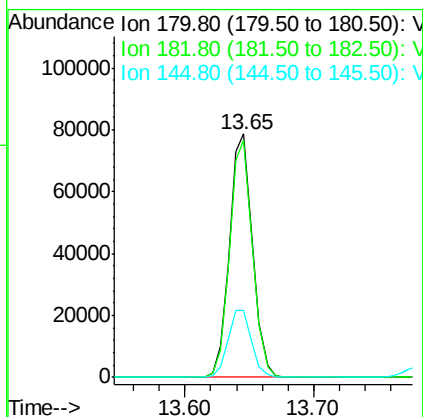
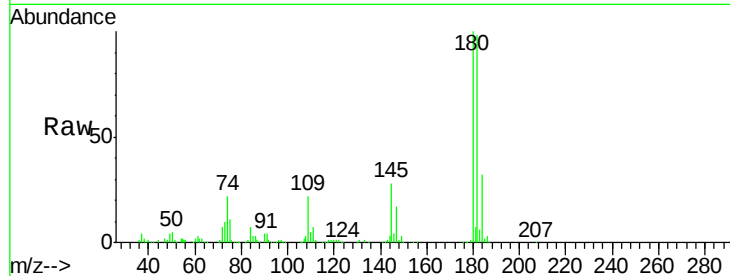
#93
 1,2,4-Trichlorobenzene
 Concen: 19.418 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	28.4	14.5	43.5

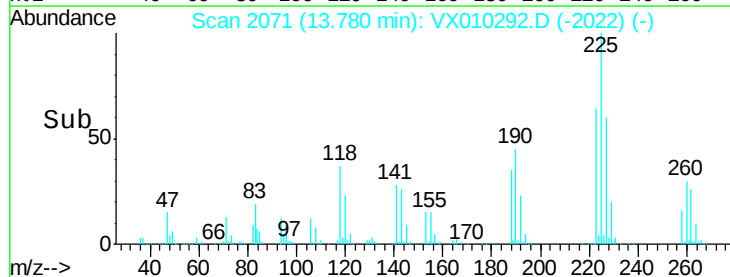
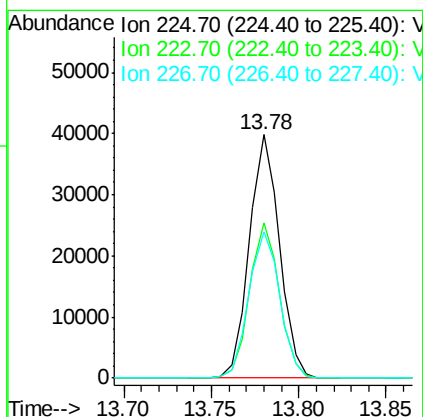
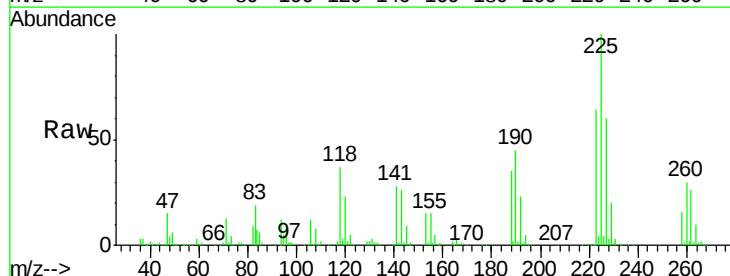
Manual Integrations
 APPROVED

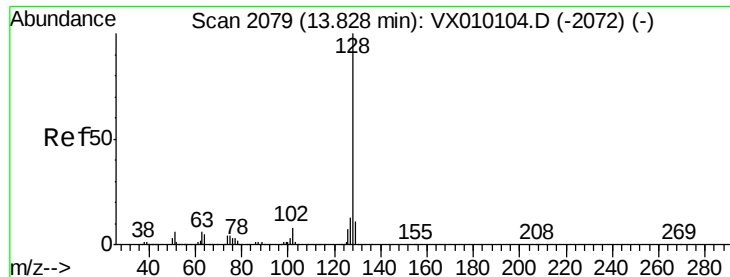
MMDadoda
 6/17/2019 10:35:56 AM



#94
 Hexachlorobutadiene
 Concen: 21.025 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010292.D
 Acq: 14 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	61.9	32.3	96.8





#95

Naphthalene

Concen: 18.971 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Instrument :

MSVOA_X

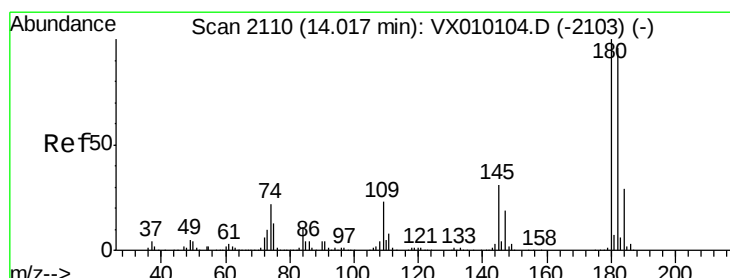
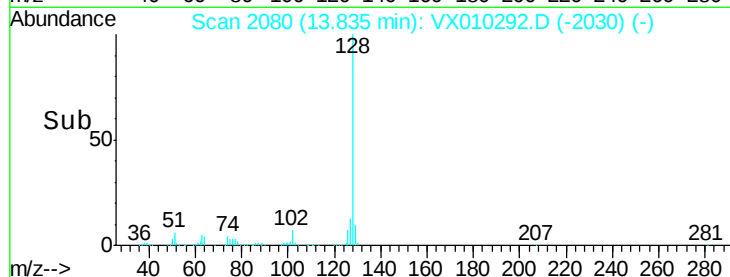
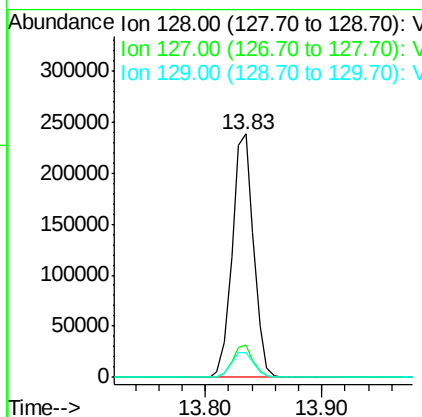
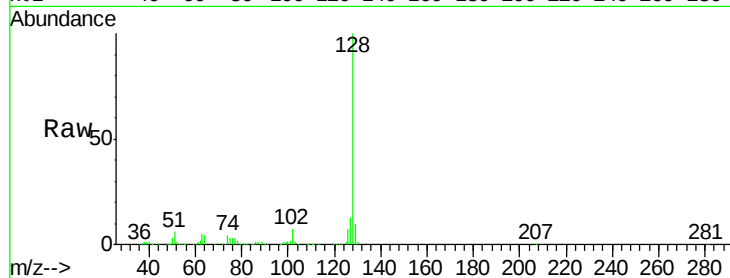
ClientSampleId :

VX0614WBS01

Tot Ion:	128	Resp:	303689
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.893 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010292.D

Acq: 14 Jun 2019 11:59

Tgt Ion:	180	Resp:	100023
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	142.0
145	30.3	15.6	46.7

