

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010222.D
 Acq On : 11 Jun 2019 11:11
 Operator : JC/SP
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 9:21:37 AM

Quant Time: Jun 12 08:03:29 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	251070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113010	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.50	113	114915	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.71	98	431692	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	155026	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46610	20.176	ug/l	99
3) Chloromethane	1.33	50	46093	20.090	ug/l	99
4) Vinyl Chloride	1.41	62	47020	21.806	ug/l	97
5) Bromomethane	1.64	94	24107	29.626	ug/l	93
6) Chloroethane	1.72	64	27892	25.656	ug/l	95
7) Trichlorofluoromethane	1.93	101	72363	22.592	ug/l	100
8) Diethyl Ether	2.19	74	25827	23.394	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42104	19.070	ug/l	93
10) Methyl Iodide	2.51	142	65532	19.156	ug/l	96
11) Tert butyl alcohol	3.04	59	61918	103.135	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42320	18.766	ug/l #	79
13) Acrolein	2.29	56	11552	105.527	ug/l	96
14) Allyl chloride	2.73	41	61661	18.114	ug/l #	89
15) Acrylonitrile	3.14	53	120889	98.514	ug/l	99
16) Acetone	2.44	43	112734	97.802	ug/l #	88
17) Carbon Disulfide	2.57	76	113667	17.444	ug/l	100
18) Methyl Acetate	2.78	43	48709	19.215	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	134609	18.579	ug/l	92
20) Methylene Chloride	2.85	84	46658	18.431	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	45038	18.046	ug/l #	77
22) Diisopropyl ether	3.85	45	124361	19.108	ug/l #	95
23) Vinyl Acetate	3.81	43	555192	95.620	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	73496	18.599	ug/l	95
25) 2-Butanone	4.67	43	170467	99.314	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	65733	18.234	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53438	19.247	ug/l	76
28) Bromochloromethane	5.02	49	33242	18.770	ug/l #	47
29) Tetrahydrofuran	5.13	42	105706	97.993	ug/l #	75
30) Chloroform	5.21	83	77203	18.812	ug/l	98
31) Cyclohexane	5.58	56	67080	18.809	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	70160	18.185	ug/l	94
36) 1,1-Dichloropropene	5.80	75	55725	18.258	ug/l	91
37) Ethyl Acetate	4.83	43	62198	19.586	ug/l #	90
38) Carbon Tetrachloride	5.79	117	63838	18.479	ug/l	94

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Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	76690	18.453	ug/l #	81
40) Benzene	6.14	78	182639	19.352	ug/l	100
41) Methacrylonitrile	5.04	41	32479	18.907	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	55849	18.536	ug/l	92
43) Isopropyl Acetate	6.45	43	100578	18.943	ug/l #	89
44) Trichloroethene	7.21	130	58336	20.506	ug/l	90
45) 1,2-Dichloropropane	7.51	63	45477	19.252	ug/l	98
46) Dibromomethane	7.66	93	32783	18.525	ug/l	90
47) Bromodichloromethane	7.90	83	61237	18.518	ug/l #	96
48) Methyl methacrylate	7.77	41	47074	18.957	ug/l #	76
49) 1,4-Dioxane	7.74	88	28813	406.977	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	322990	101.826	ug/l	89
52) Toluene	8.79	92	121246	19.544	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67854	17.740	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	75958	18.524	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	50029	19.691	ug/l	95
56) Ethyl methacrylate	9.18	69	76381	19.031	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	76892	19.223	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	187633	99.169	ug/l #	85
59) 2-Hexanone	9.49	43	258819	102.339	ug/l	87
60) Dibromochloromethane	9.58	129	56063	18.655	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53778	19.005	ug/l	99
64) Tetrachloroethene	9.34	164	49204	19.503	ug/l	98
65) Chlorobenzene	10.13	112	135555	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51260	19.013	ug/l	100
67) Ethyl Benzene	10.25	91	228796	19.170	ug/l	95
68) m/p-Xylenes	10.36	106	181825	39.369	ug/l	88
69) o-Xylene	10.69	106	90241	19.656	ug/l	87
70) Styrene	10.71	104	149161	19.183	ug/l	95
71) Bromoform	10.85	173	46029	18.571	ug/l #	97
73) Isopropylbenzene	11.02	105	232596	18.660	ug/l	94
74) N-amyl acetate	10.90	43	92532	18.780	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	79490	18.630	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	63702m	17.836	ug/l	
77) Bromobenzene	11.26	156	65511	19.112	ug/l	78
78) n-propylbenzene	11.36	91	256724	18.500	ug/l	94
79) 2-Chlorotoluene	11.42	91	151509	18.179	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	195734	18.644	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27084	16.755	ug/l	86
82) 4-Chlorotoluene	11.51	91	173760	18.353	ug/l	90
83) tert-Butylbenzene	11.77	119	198127	18.645	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	195238	18.411	ug/l	95
85) sec-Butylbenzene	11.94	105	230359	18.608	ug/l	95
86) p-Isopropyltoluene	12.06	119	213608	18.874	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114921	19.034	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	115374	18.956	ug/l	98
89) n-Butylbenzene	12.38	91	179961	18.473	ug/l	97
90) Hexachloroethane	12.59	117	38889	17.250	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116090	19.778	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17689	17.618	ug/l	65

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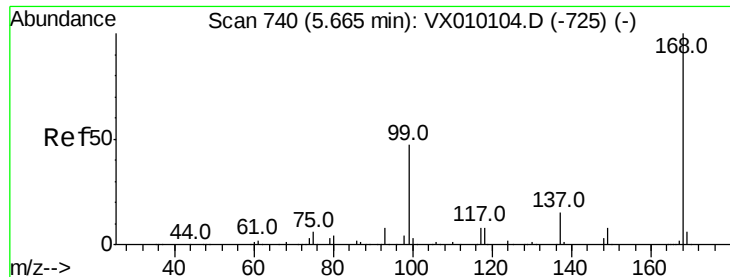
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80766	18.798	ug/l	99
94) Hexachlorobutadiene	13.78	225	38626	20.214	ug/l	99
95) Naphthalene	13.83	128	255253	18.872	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80321	18.907	ug/l	98

(#) = 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: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:168 Resp: 251070

Ion Ratio Lower Upper

168 100

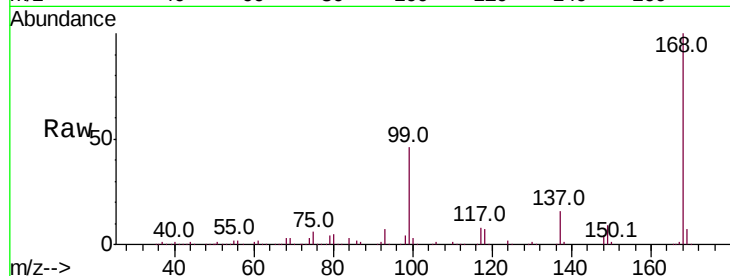
99 45.6 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

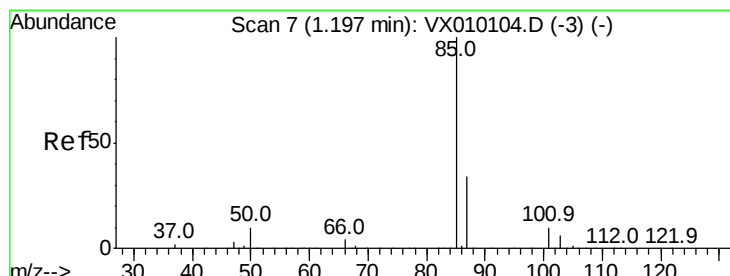
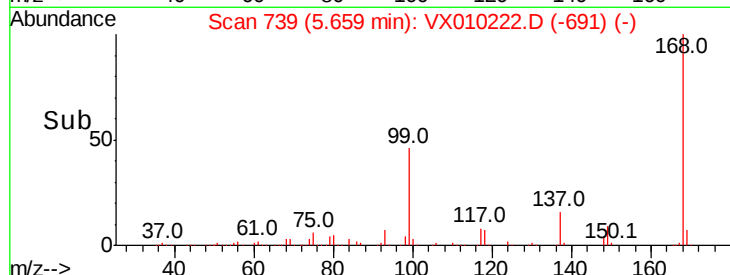
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.176 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010222.D

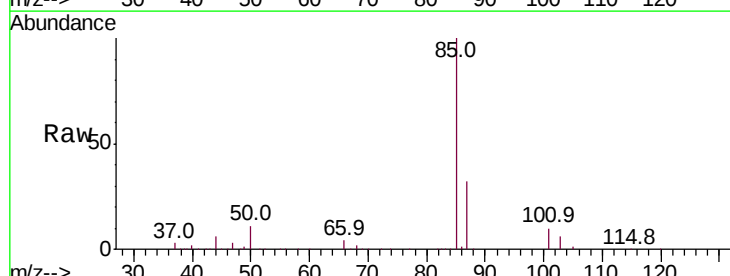
Acq: 11 Jun 2019 11:11

Tgt Ion: 85 Resp: 46610

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

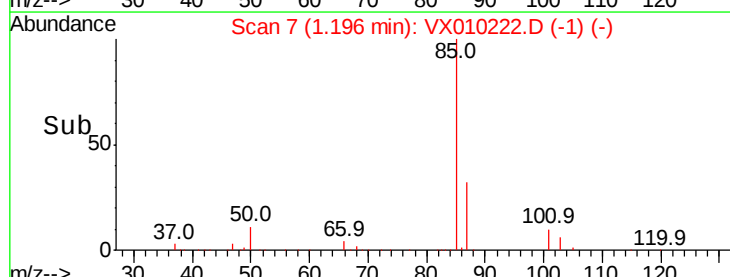
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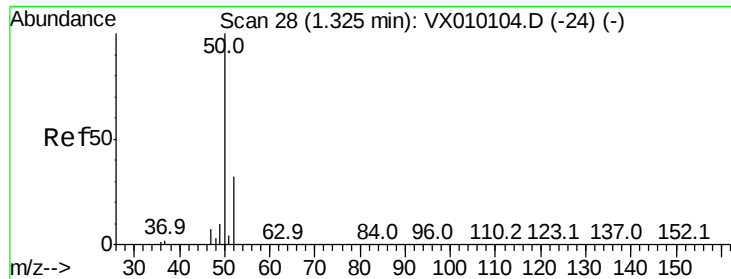
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.090 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 50 Resp: 46093

Ion Ratio Lower Upper

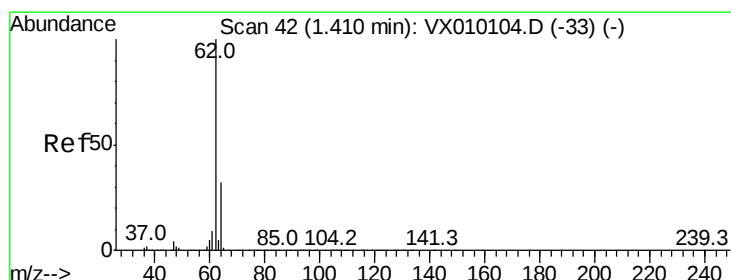
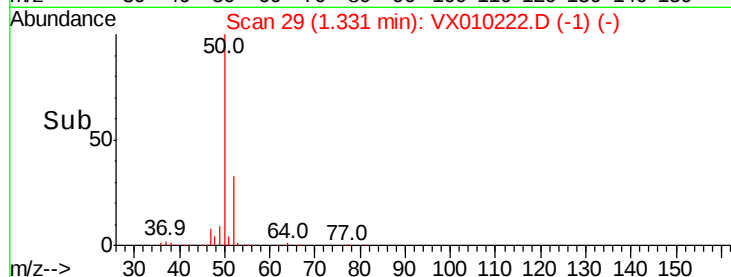
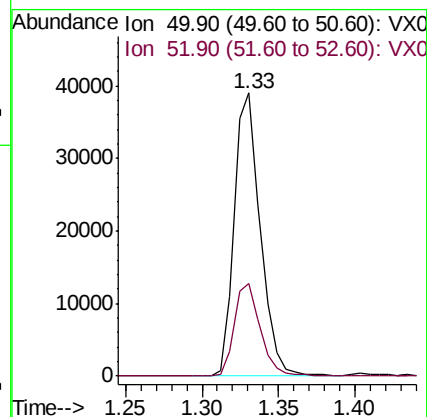
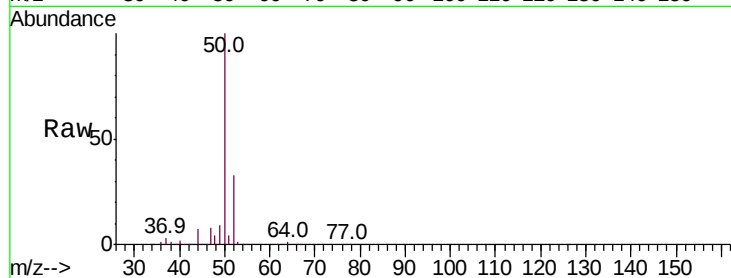
50 100

52 32.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 21.806 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010222.D

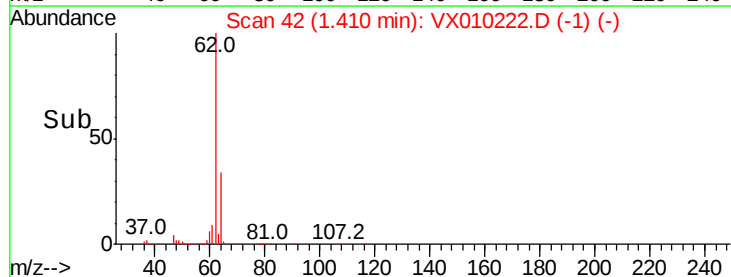
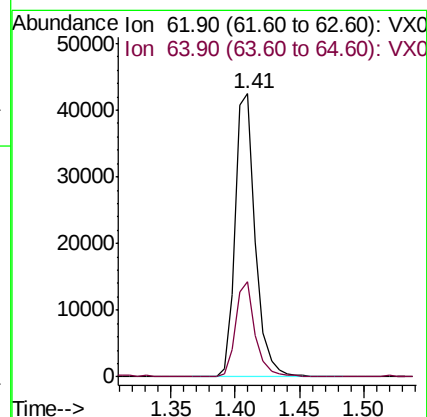
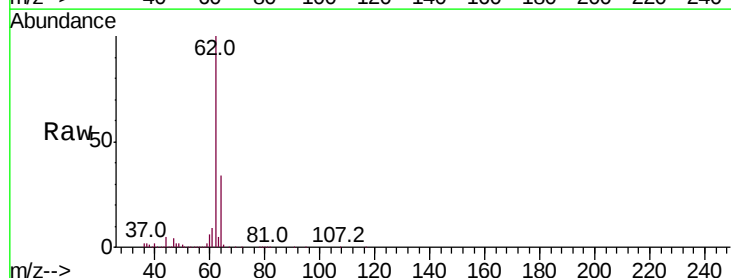
Acq: 11 Jun 2019 11:11

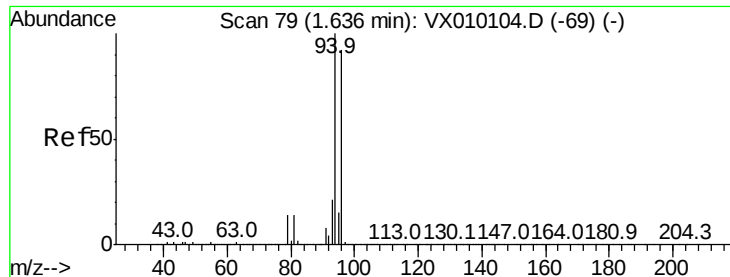
Tgt Ion: 62 Resp: 47020

Ion Ratio Lower Upper

62 100

64 33.6 25.7 38.5





#5

Bromomethane

Concen: 29.626 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 94 Resp: 24107

Ion Ratio Lower Upper

94 100

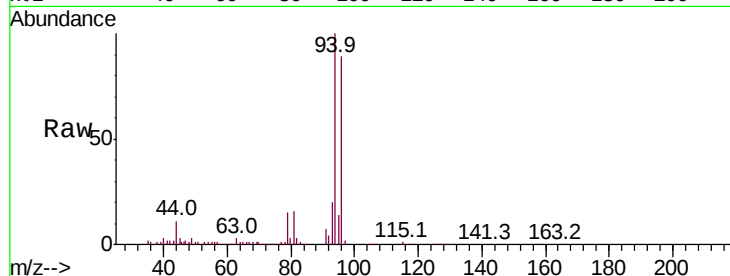
96 88.4 76.2 114.4

Manual Integrations

APPROVED

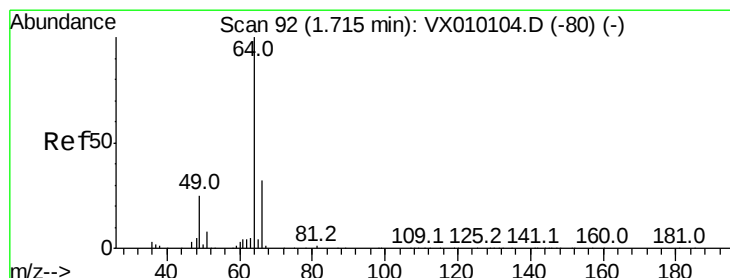
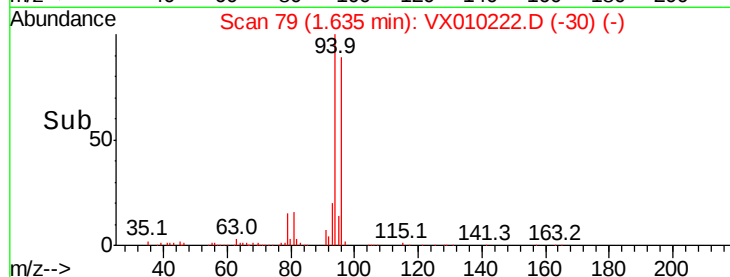
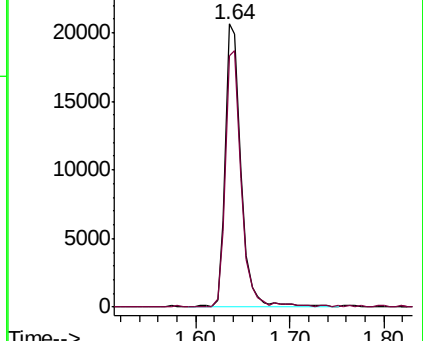
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.656 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010222.D

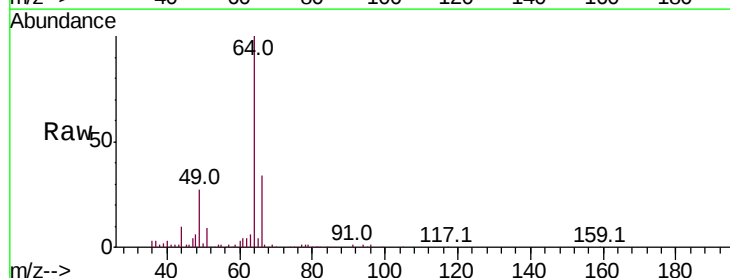
Acq: 11 Jun 2019 11:11

Tgt Ion: 64 Resp: 27892

Ion Ratio Lower Upper

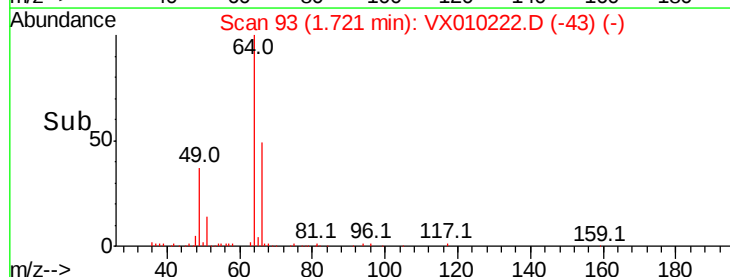
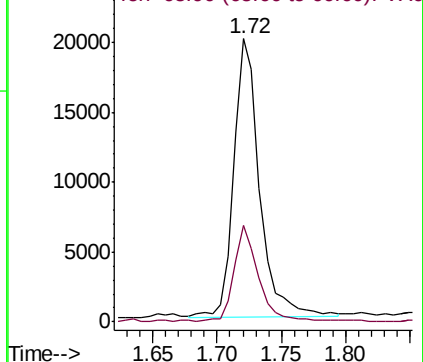
64 100

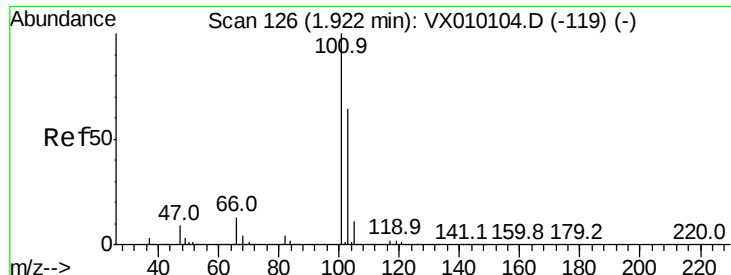
66 34.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

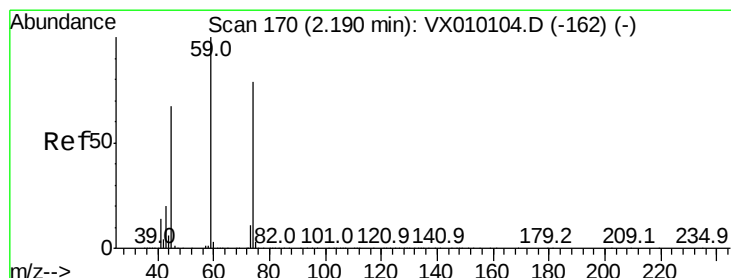
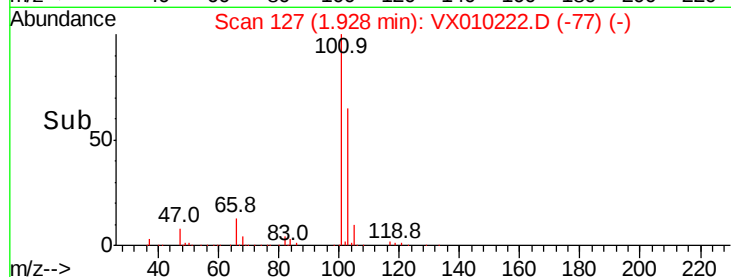
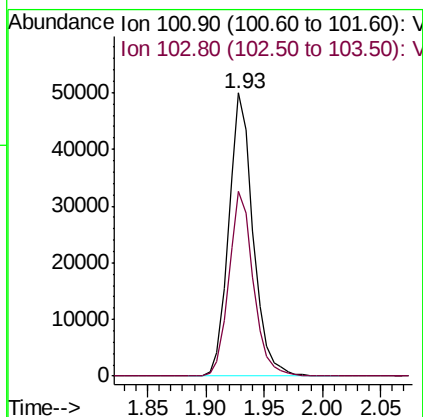
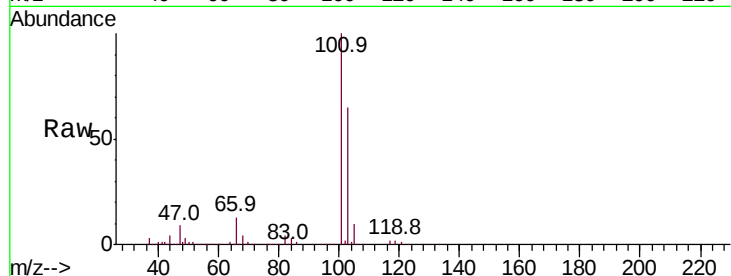
Trichlorofluoromethane
Concen: 22.592 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
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ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

Manual Integrations
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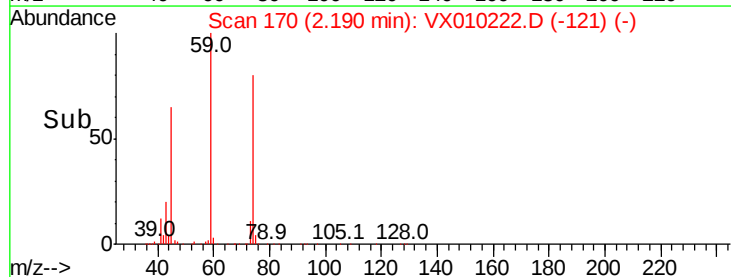
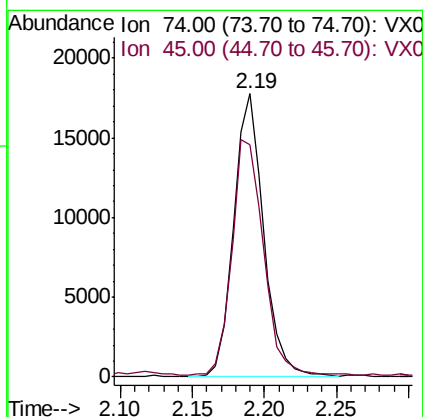
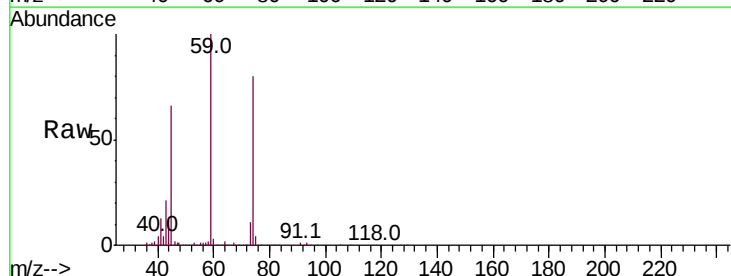
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6/12/2019 9:21:37 AM

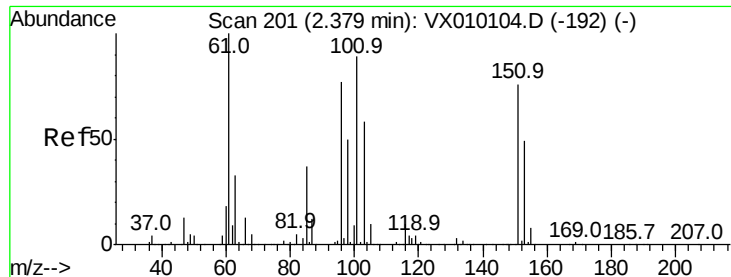


#8

Diethyl Ether
Concen: 23.394 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.070 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

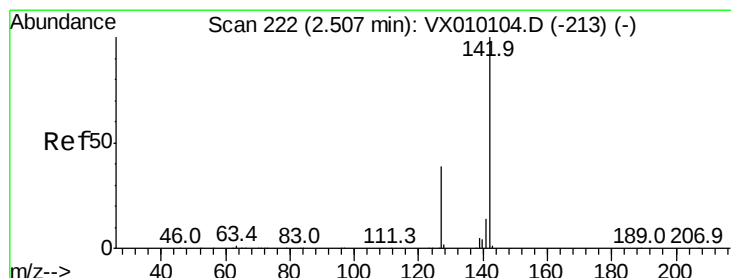
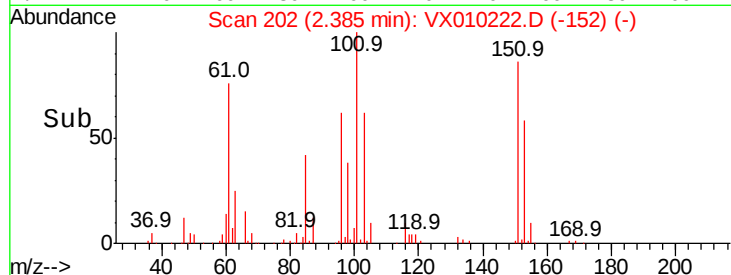
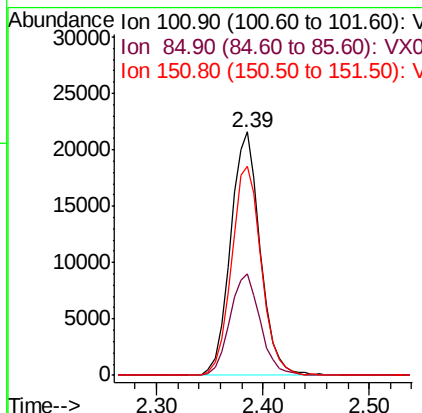
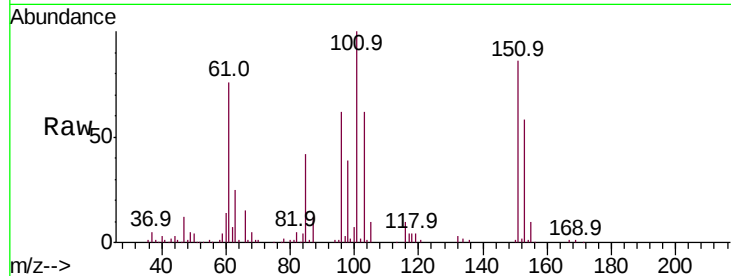
ClientSampleId :

VX0611WBS01

Tot Ion:	101	Resp:	42104
Ion Ratio	Lower	Upper	
101	100		
85	42.7	35.2	52.8
151	86.3	61.9	92.9

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#10

Methyl Iodide

Concen: 19.156 ug/l

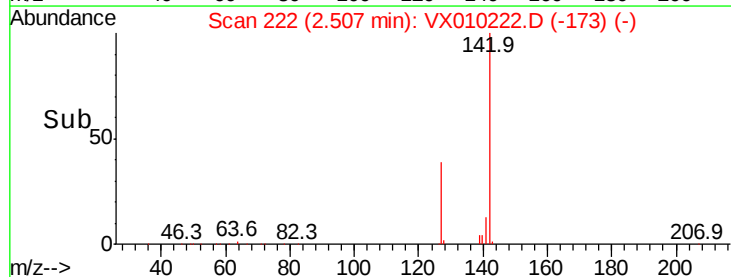
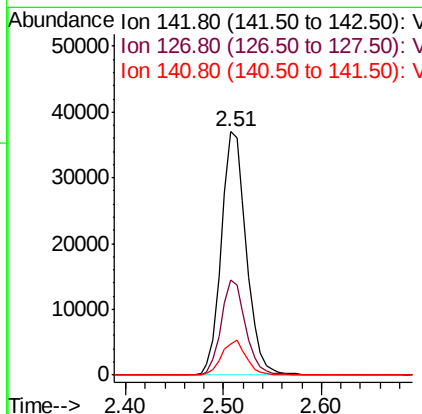
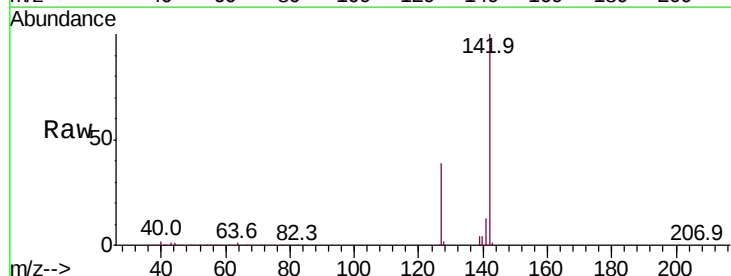
RT: 2.51 min Scan# 222

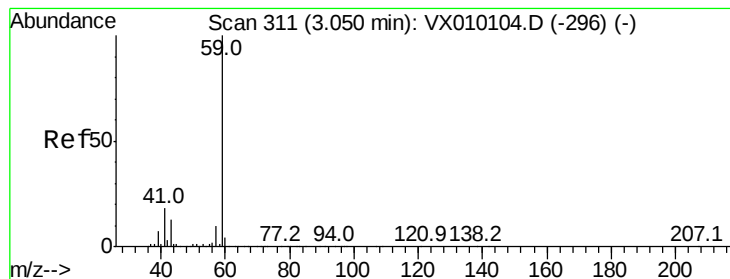
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	142	Resp:	65532
Ion Ratio	Lower	Upper	
142	100		
127	38.2	33.0	49.4
141	14.0	11.4	17.0





#11

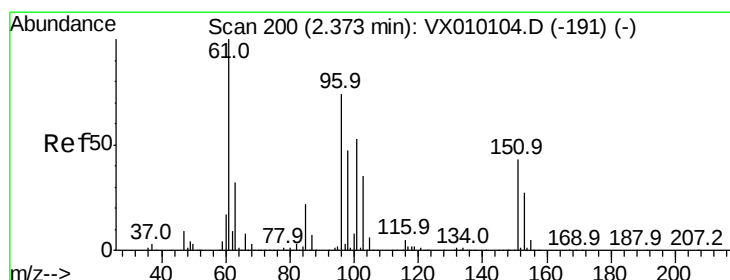
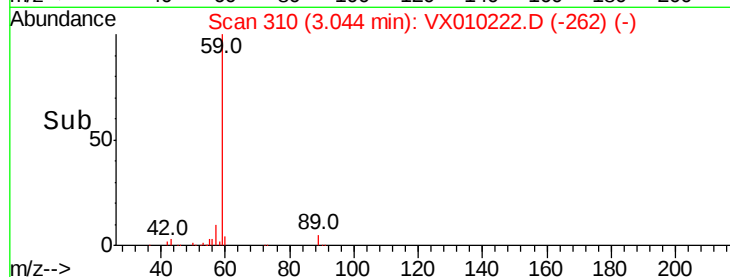
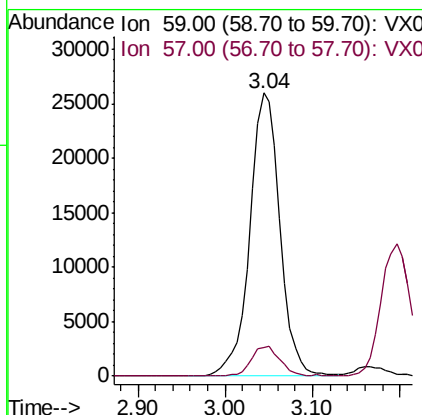
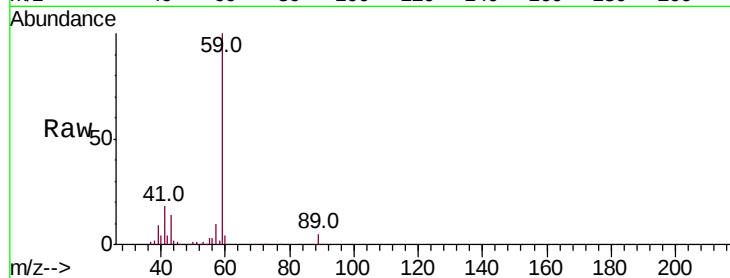
Tert butyl alcohol
Concen: 103.135 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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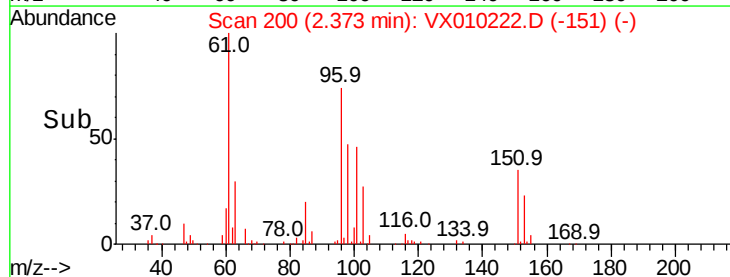
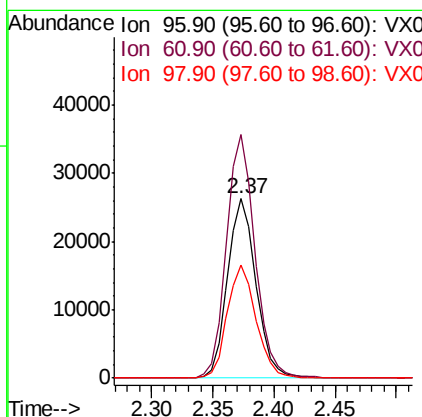
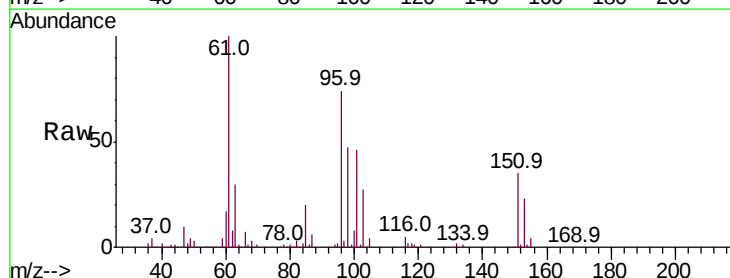
MMDadoda
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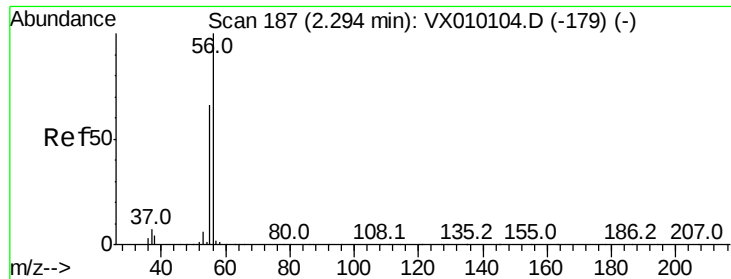


#12

1,1-Dichloroethene
Concen: 18.766 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.9	140.7	211.1#
98	63.2	50.1	75.1





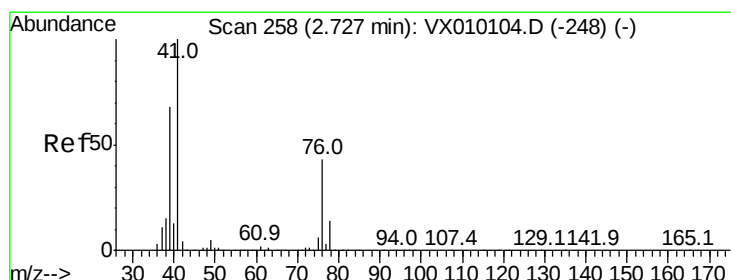
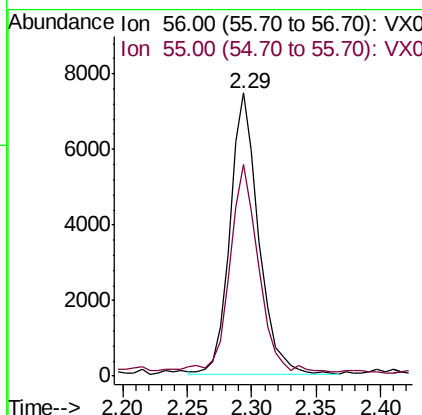
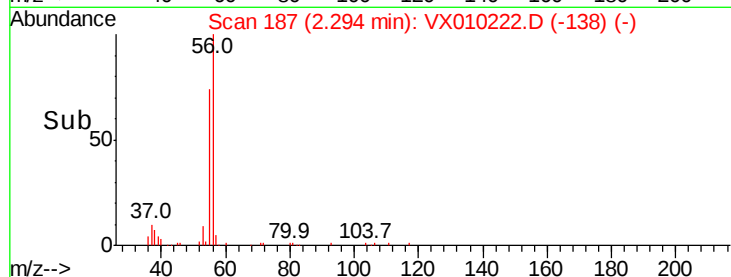
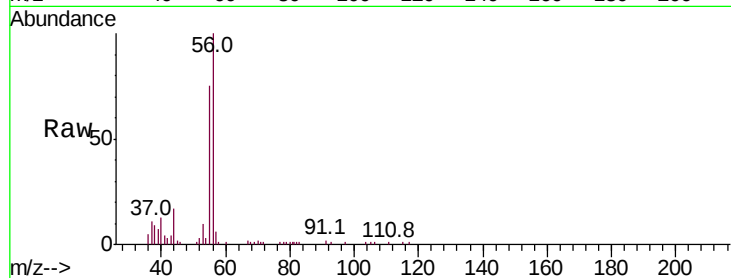
#13
Acrolein
Concen: 105.527 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.0	85.4

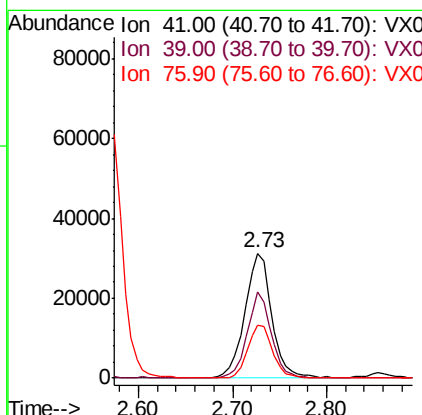
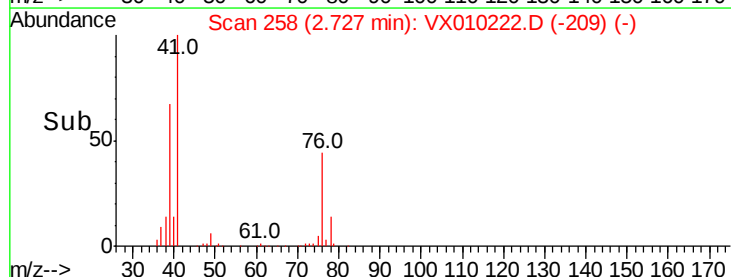
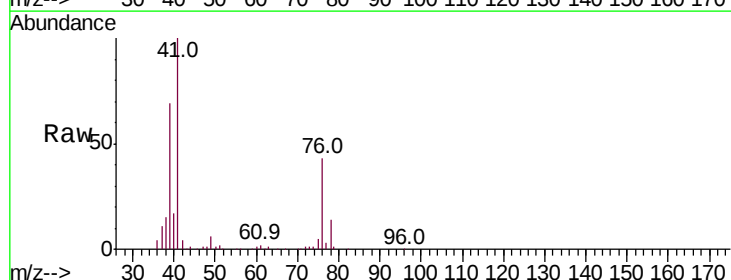
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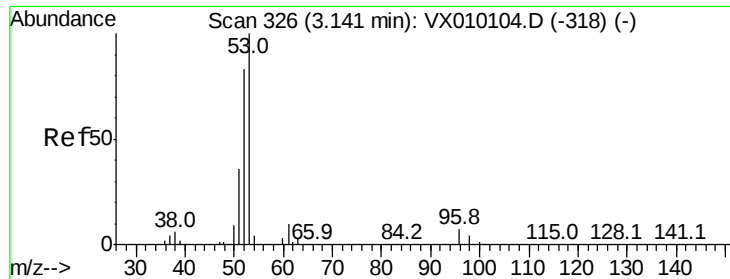
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#14
Allyl chloride
Concen: 18.114 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	46.7	70.1
76	39.9	21.0	31.4#





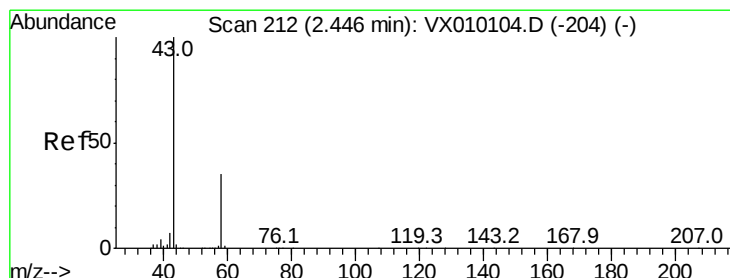
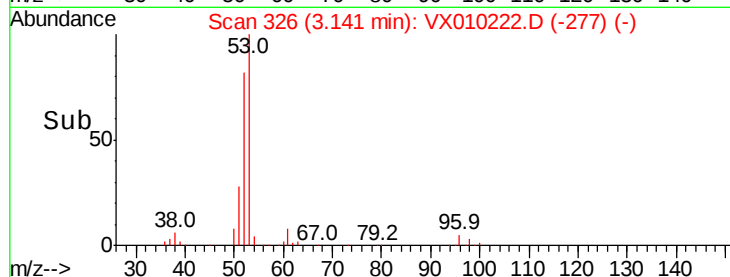
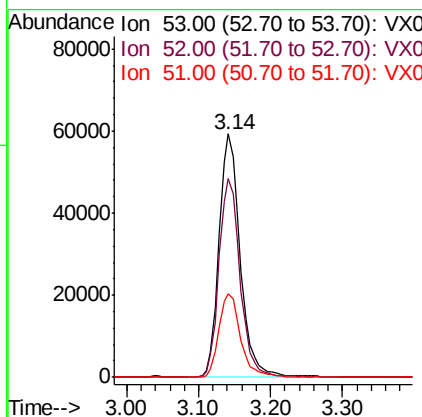
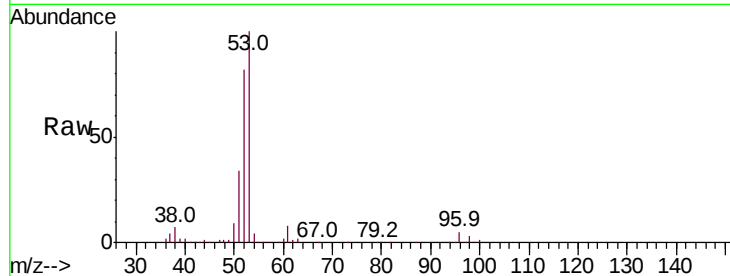
#15
 Acrylonitrile
 Concen: 98.514 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	53	Resp	120889
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.7	100.1
51	35.9	28.8	43.2

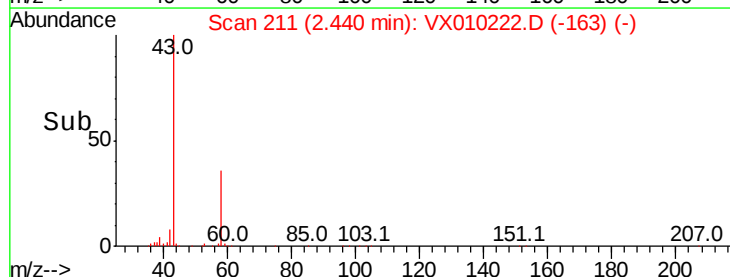
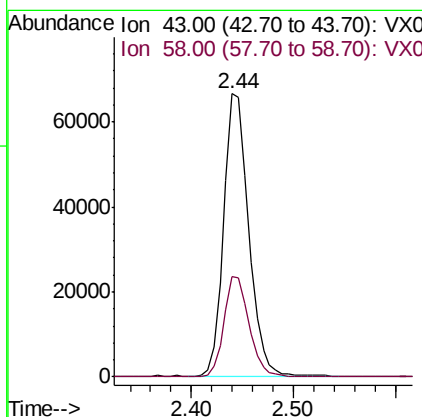
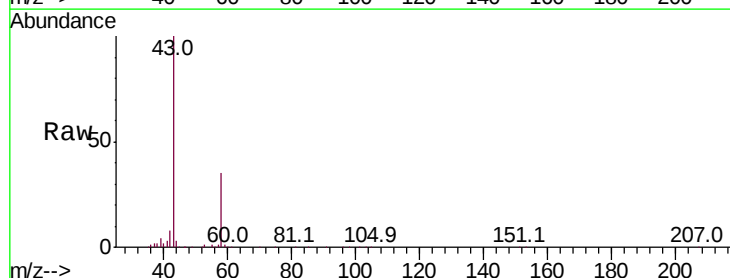
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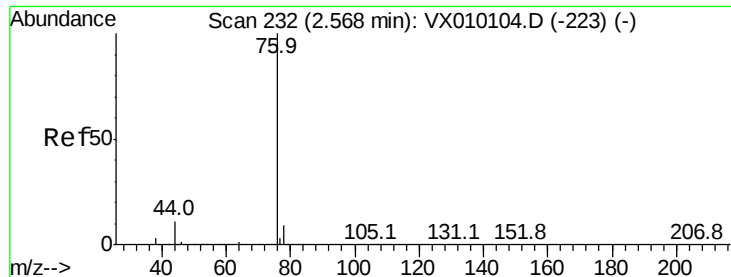
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#16
 Acetone
 Concen: 97.802 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	43	Resp	112734
Ion	Ratio	Lower	Upper
43	100		
58	35.4	23.2	34.8#





#17

Carbon Disulfide

Concen: 17.444 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 76 Resp: 113667

Ion Ratio Lower Upper

76 100

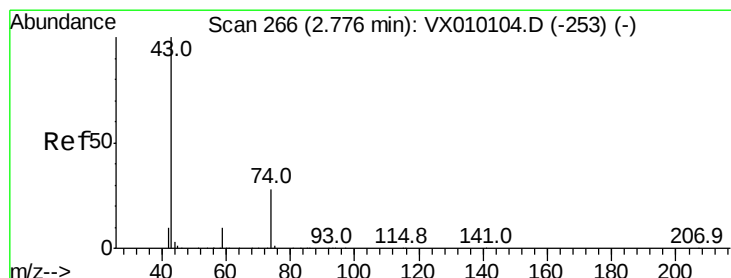
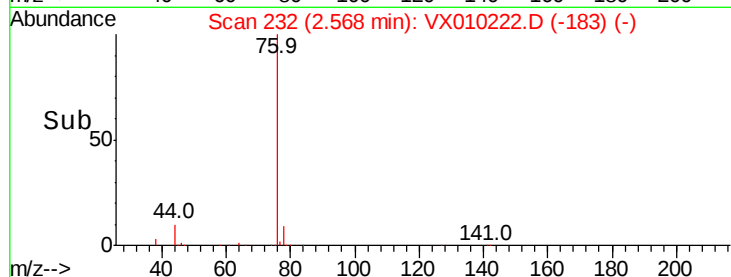
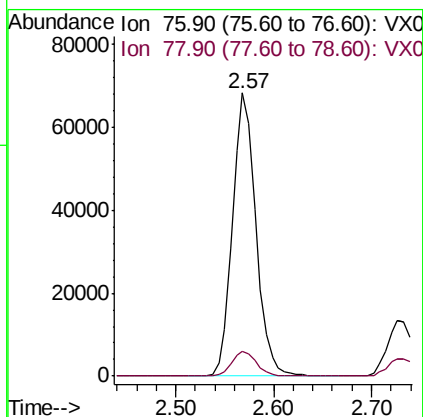
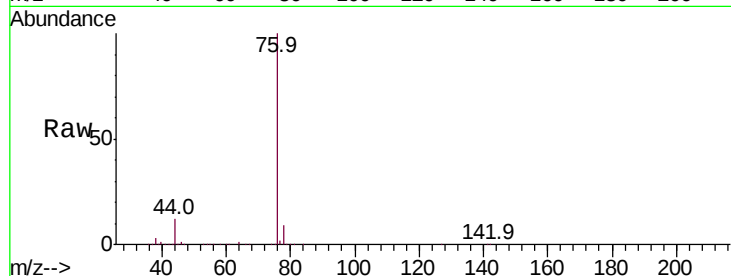
78 8.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 19.215 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010222.D

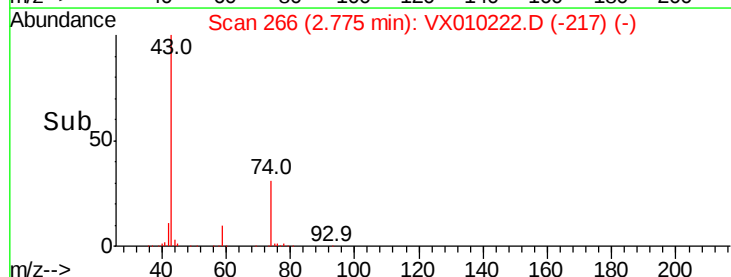
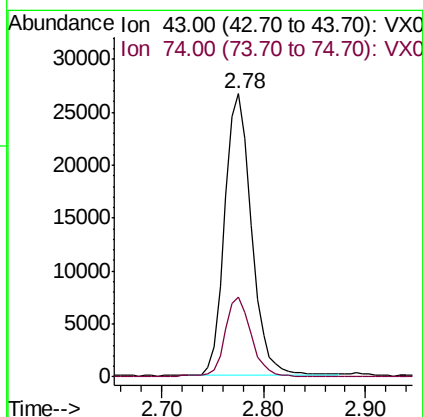
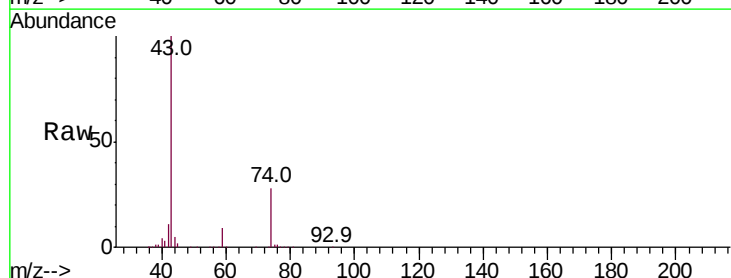
Acq: 11 Jun 2019 11:11

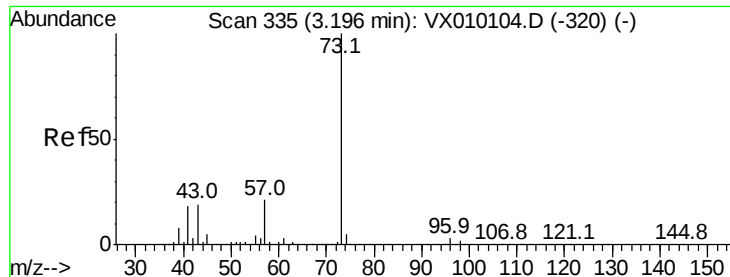
Tgt Ion: 43 Resp: 48709

Ion Ratio Lower Upper

43 100

74 27.6 15.8 23.6#





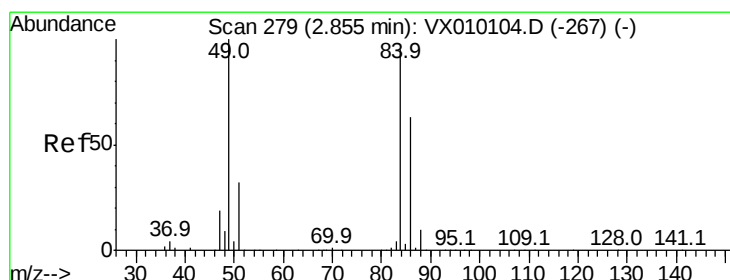
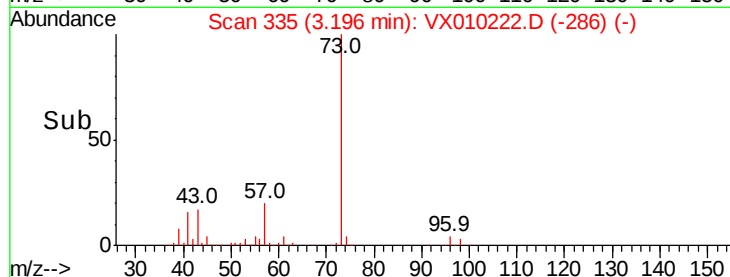
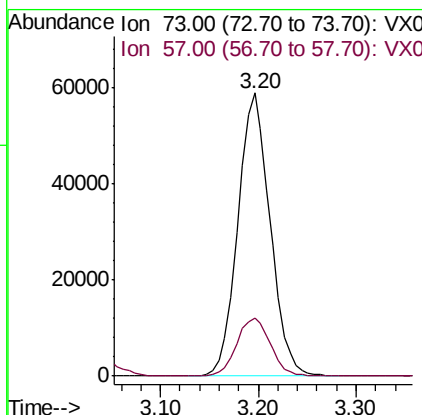
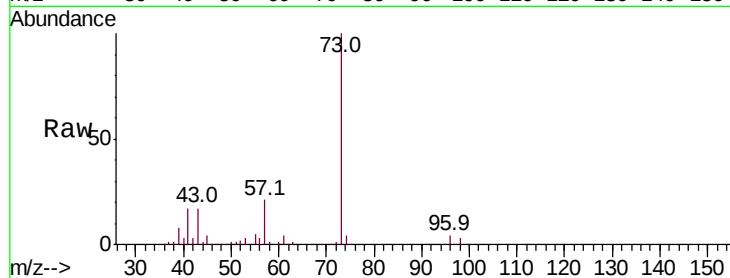
#19
Methvl tert-butvl Ether
Concen: 18.579 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	19.4	29.2

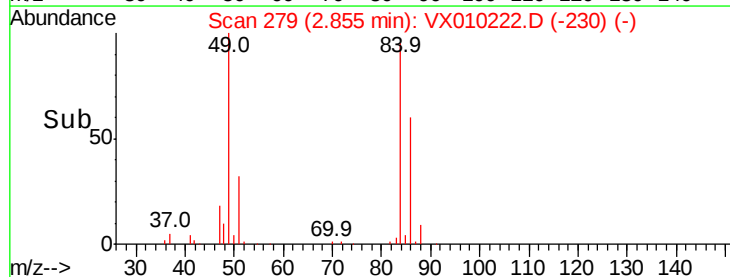
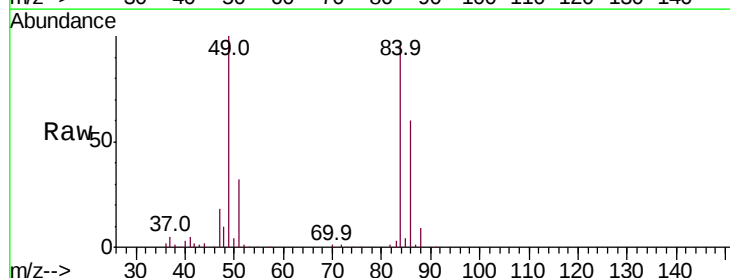
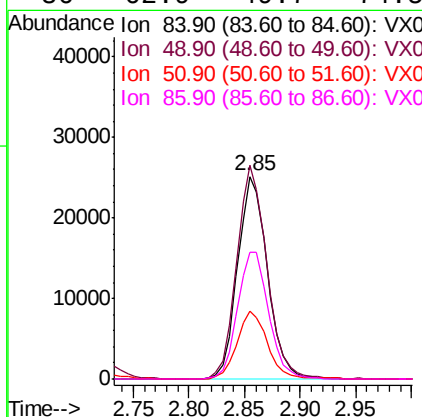
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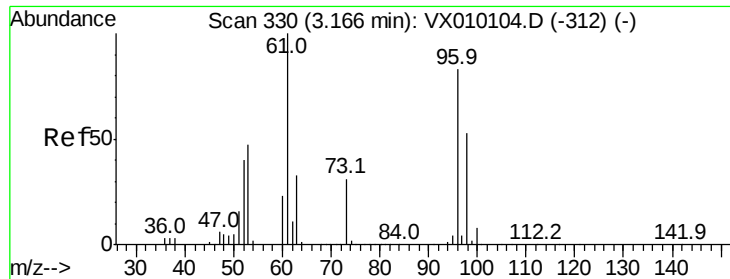
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#20
Methylene Chloride
Concen: 18.431 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.6	115.8	173.6#
51	33.7	34.4	51.6#
86	62.9	49.7	74.5





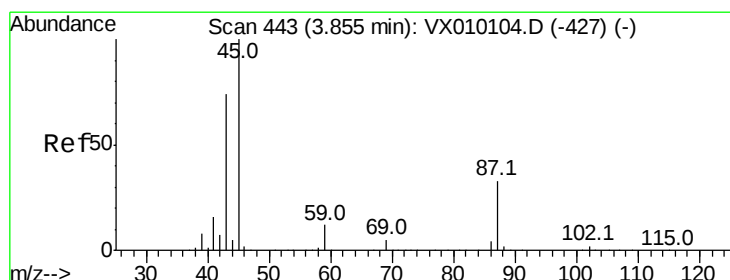
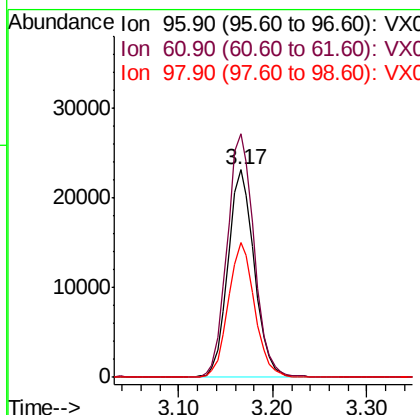
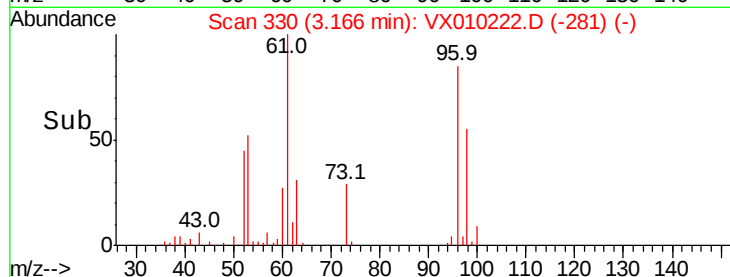
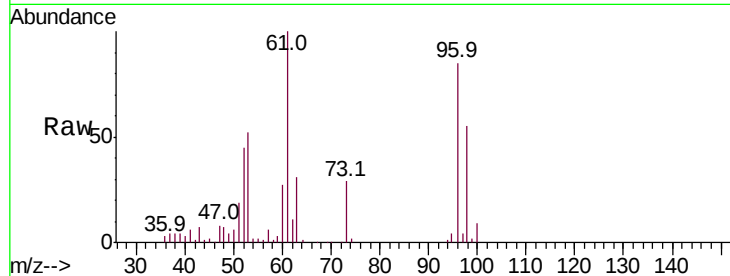
#21
trans-1,2-Dichloroethene
Concen: 18.046 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.3	125.7	188.5#
98	65.1	49.0	73.6

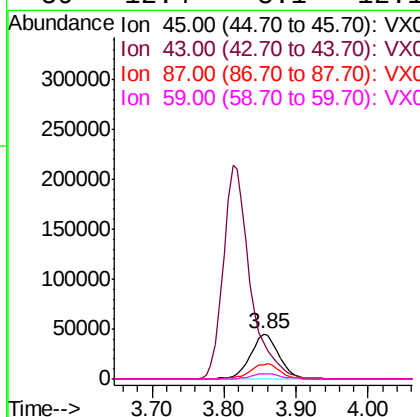
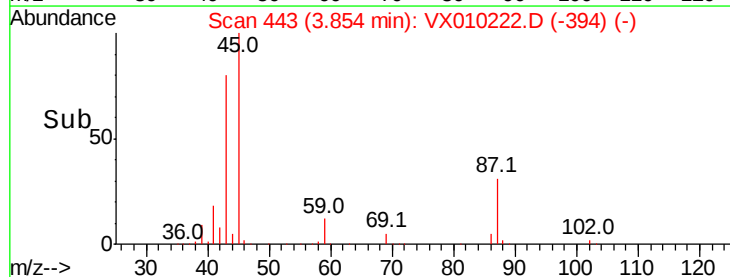
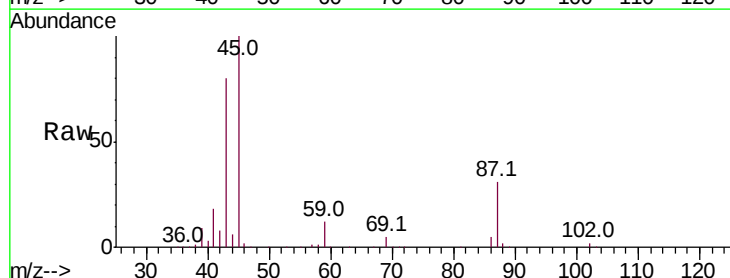
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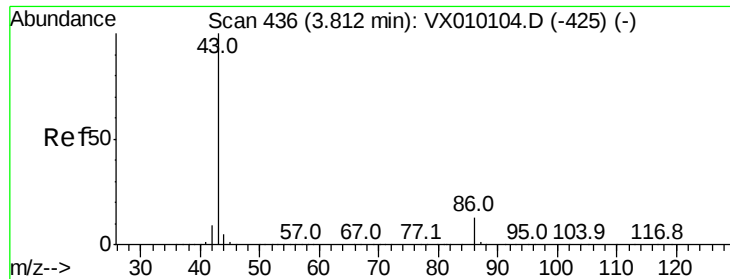
MMDadoda
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#22
Diisopropyl ether
Concen: 19.108 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.0	65.0	97.4
87	31.3	17.3	25.9#
59	12.4	8.1	12.1#





#23

Vinyl Acetate

Concen: 95.620 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 43 Resp: 555192

Ion Ratio Lower Upper

43 100

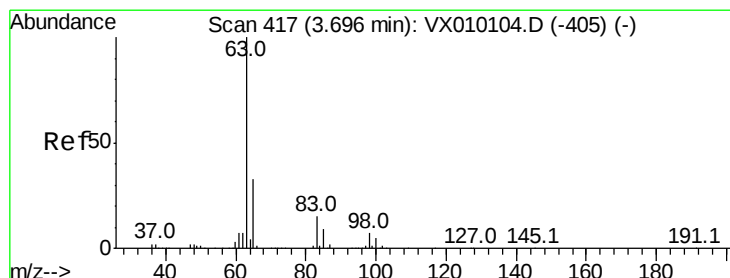
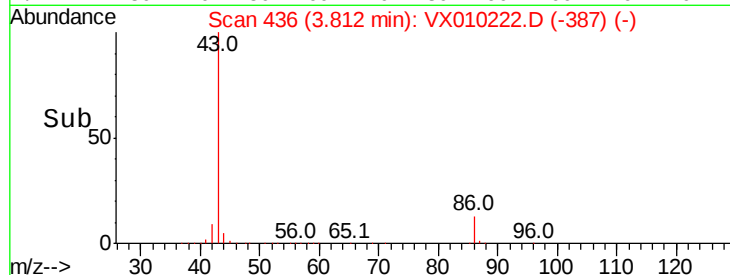
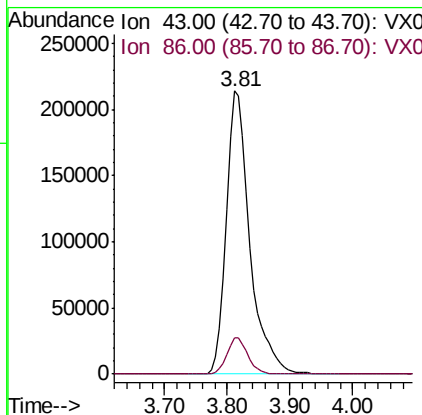
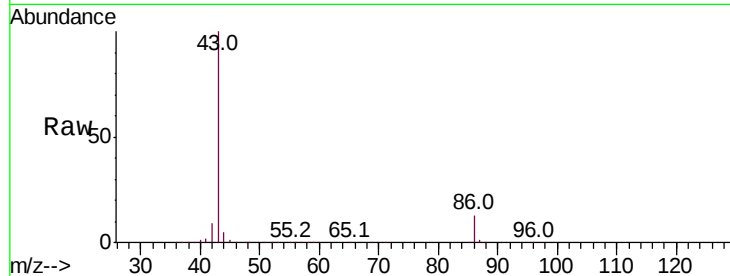
86 12.7 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 18.599 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

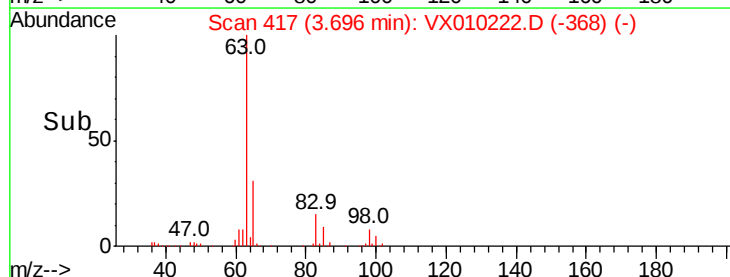
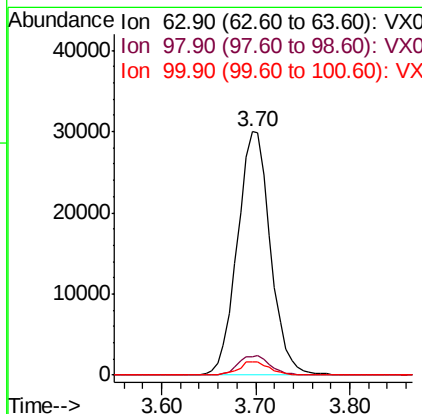
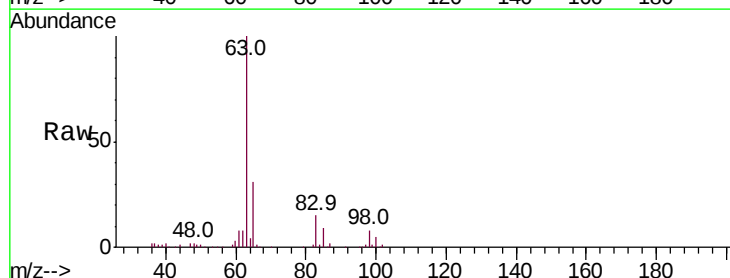
Tgt Ion: 63 Resp: 73496

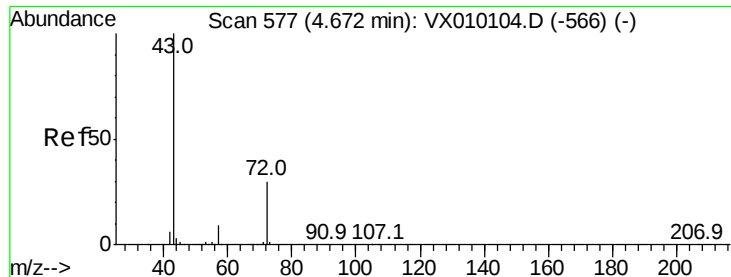
Ion Ratio Lower Upper

63 100

98 7.7 2.9 8.8

100 5.2 1.8 5.4





#25

2-Butanone

Concen: 99.314 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 43 Resp: 170467

Ion Ratio Lower Upper

43 100

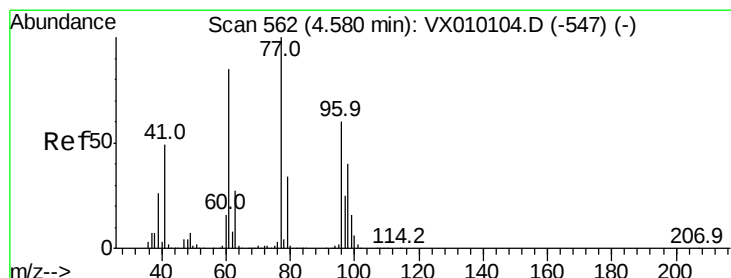
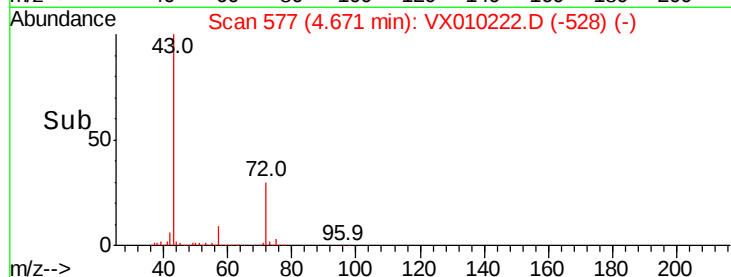
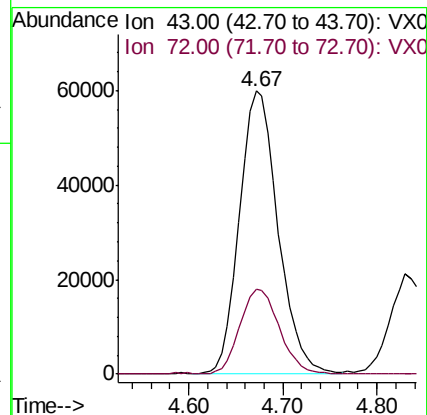
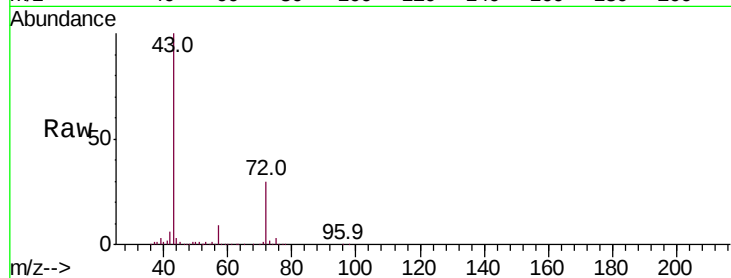
72 29.7 17.5 26.3#

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#26

2,2-Dichloropropane

Concen: 18.234 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010222.D

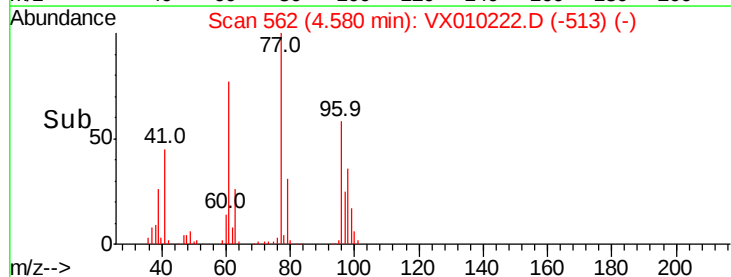
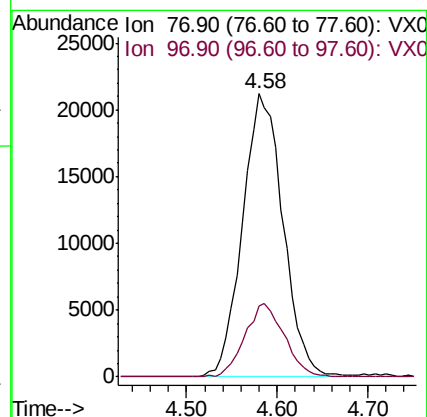
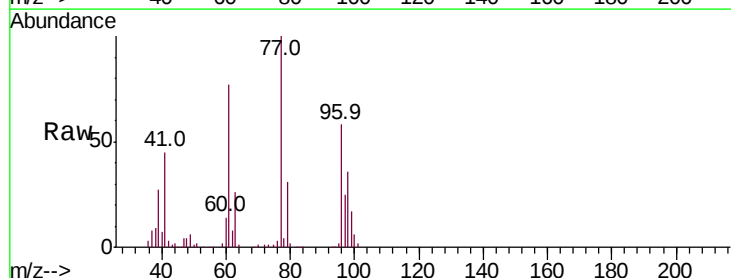
Acq: 11 Jun 2019 11:11

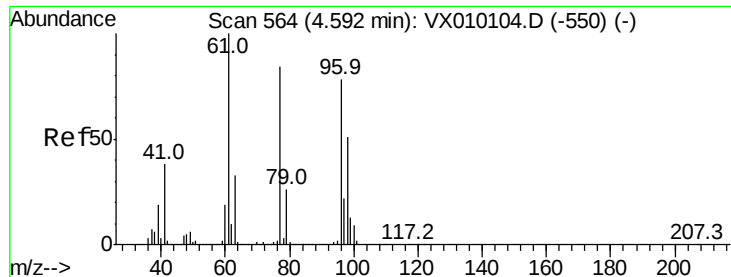
Tgt Ion: 77 Resp: 65733

Ion Ratio Lower Upper

77 100

97 25.2 11.4 34.2





#27

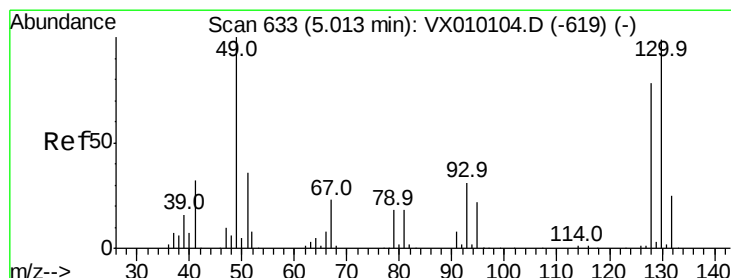
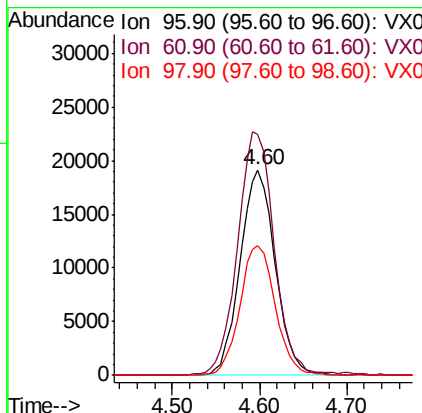
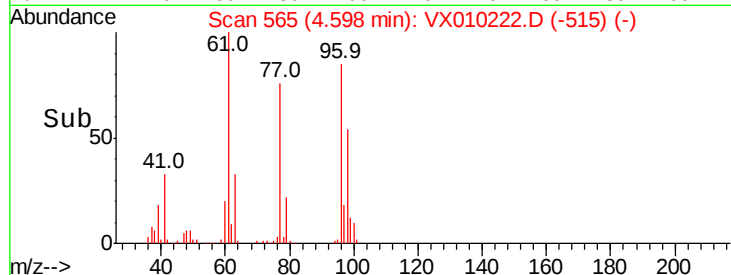
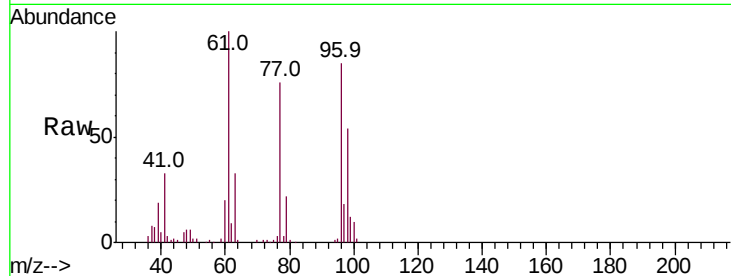
cis-1,2-Dichloroethene
Concen: 19.247 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	123.8	0.0	334.0	
98	63.9	0.0	131.6	

Manual Integrations
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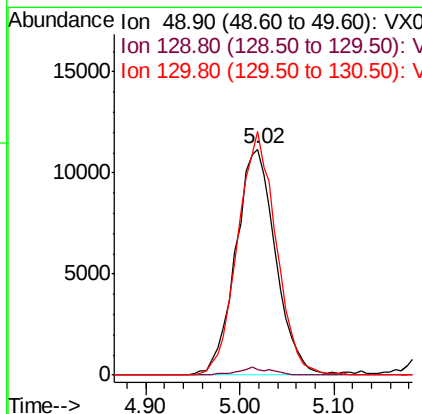
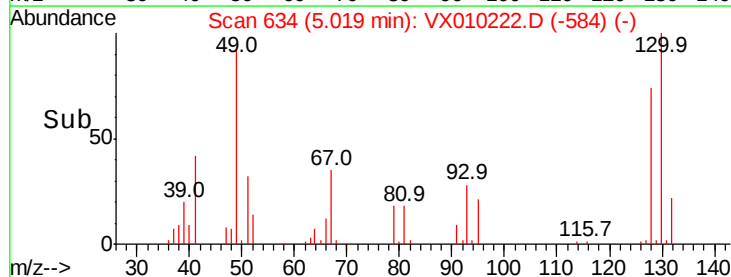
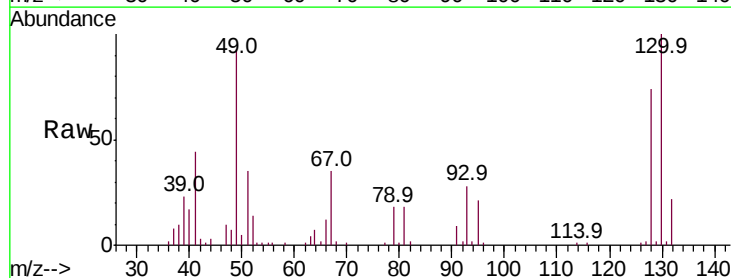
MMDadoda
6/12/2019 9:21:37 AM

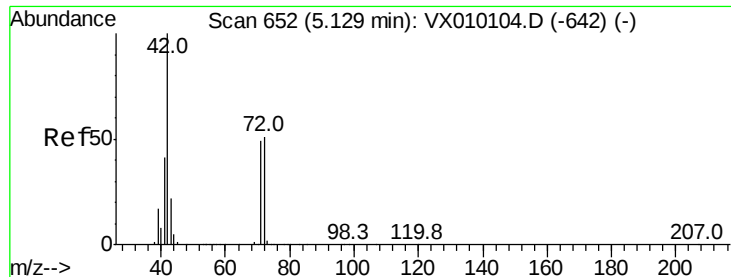


#28

Bromochloromethane
Concen: 18.770 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.4	
130	103.5	49.4	74.2	





#29

Tetrahydrofuran

Concen: 97.993 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

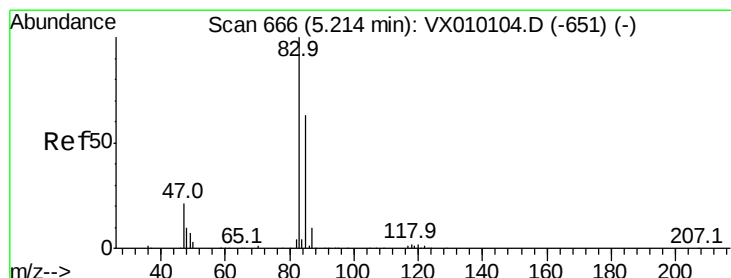
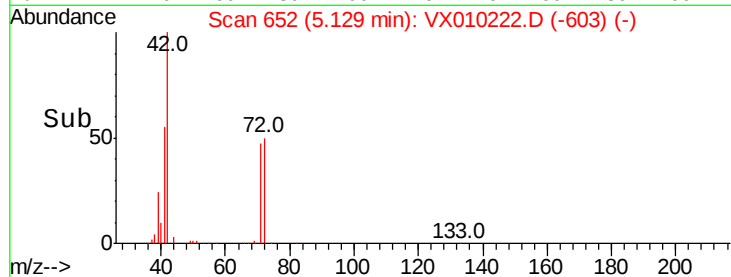
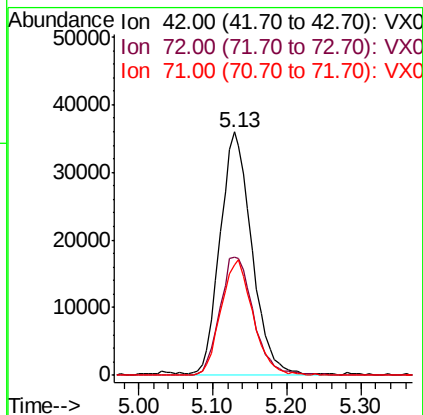
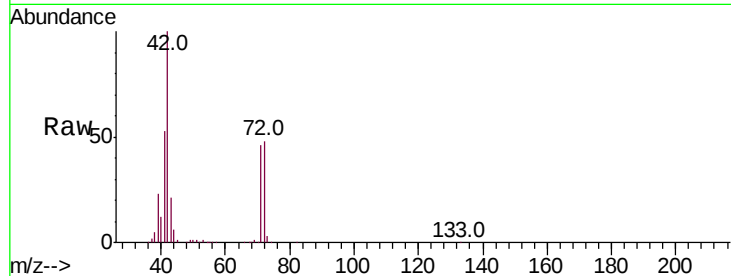
ClientSampleId :

VX0611WBS01

Tot Ion:	42	Resp:	105706
Ion Ratio		Lower	Upper
42	100		
72	52.1	29.2	43.8#
71	48.3	27.6	41.4#

Manual Integrations
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#30

Chloroform

Concen: 18.812 ug/l

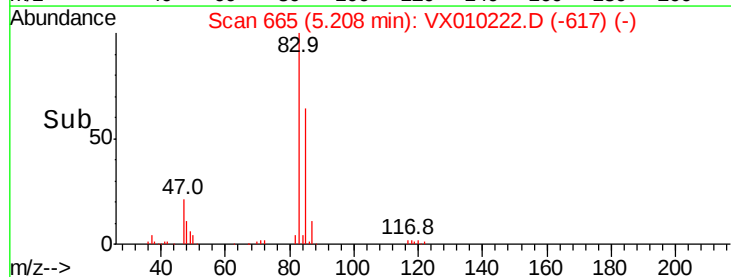
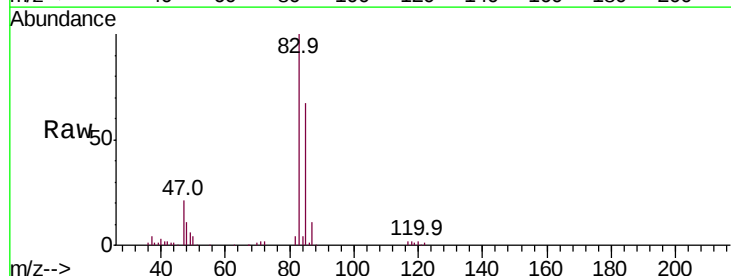
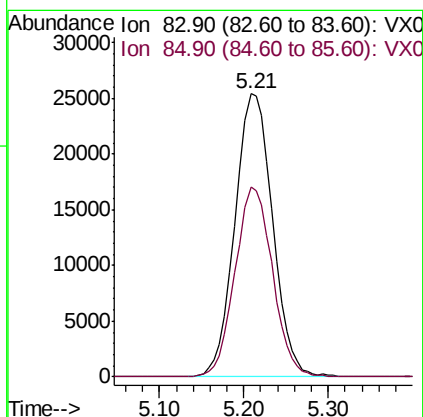
RT: 5.21 min Scan# 665

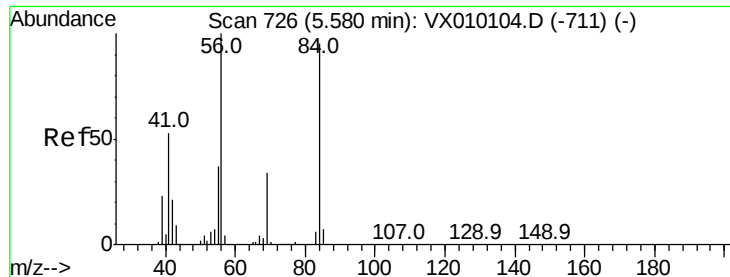
Delta R.T. -0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	83	Resp:	77203
Ion Ratio		Lower	Upper
83	100		
85	66.9	52.6	78.8





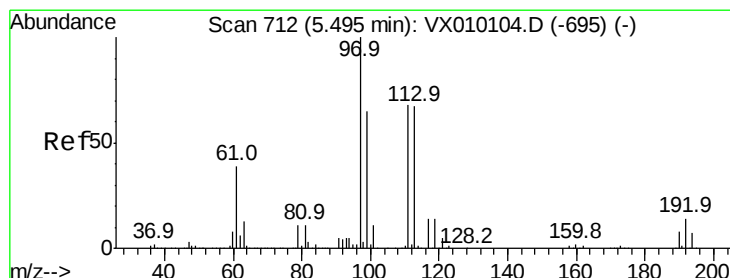
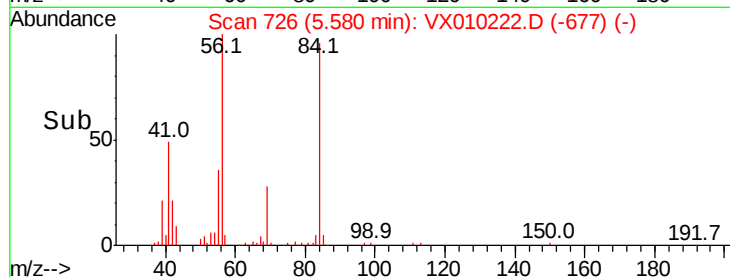
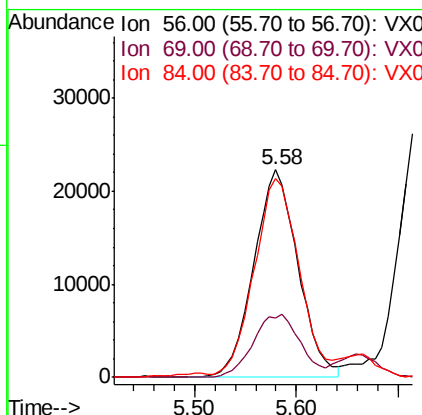
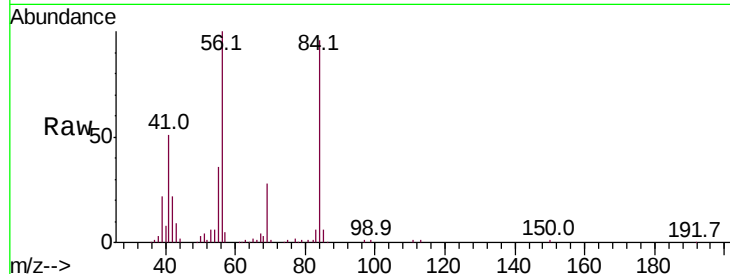
#31
Cyclohexane
Concen: 18.809 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	21.6	32.4
84	94.4	56.8	85.2#

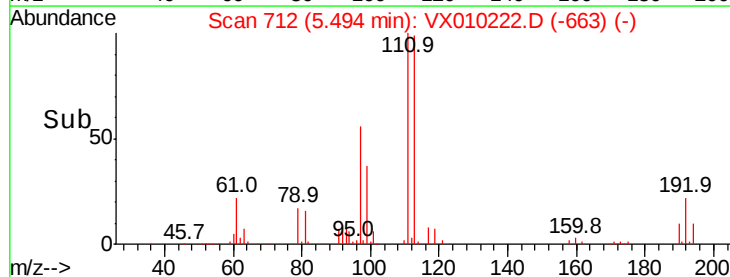
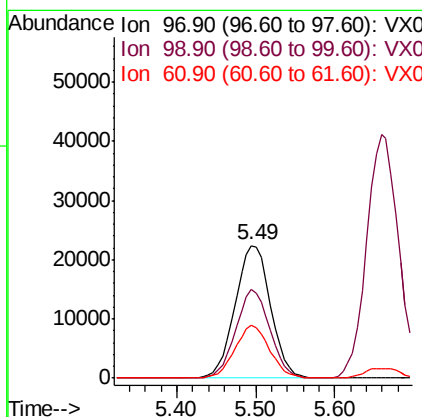
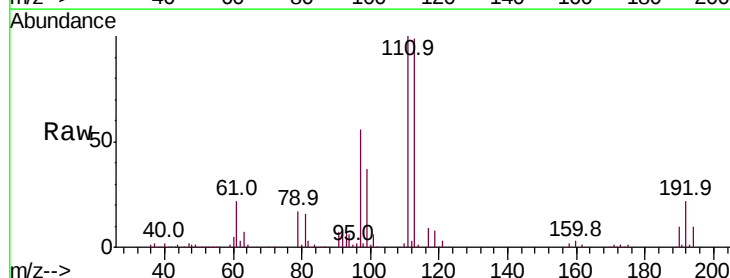
Manual Integrations
APPROVED

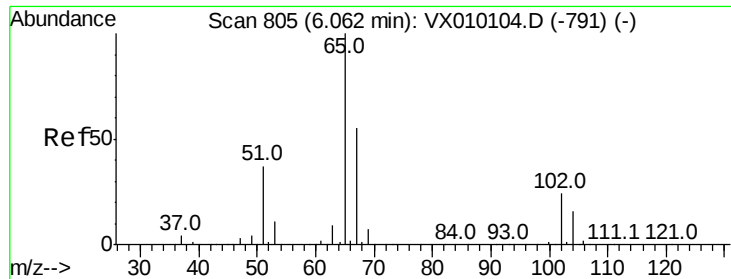
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#32
1,1,1-Trichloroethane
Concen: 18.185 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	39.2	38.7	58.1





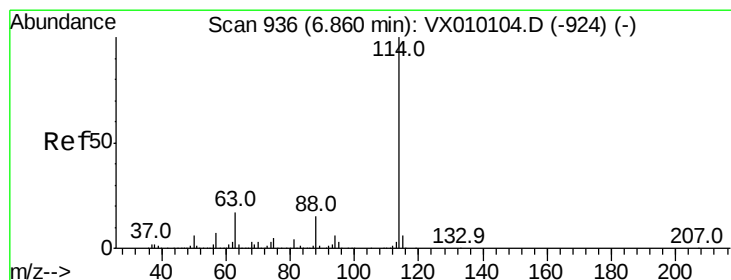
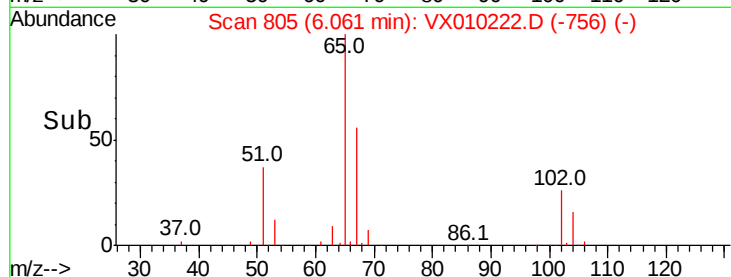
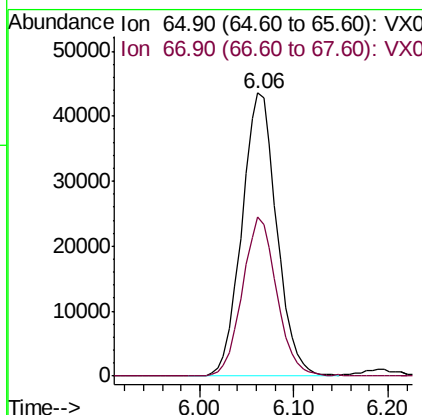
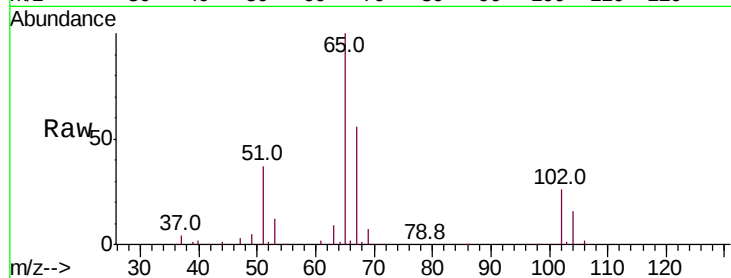
#33
 1,2-Dichloroethane-d4
 Concen: 46.113 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	108.4

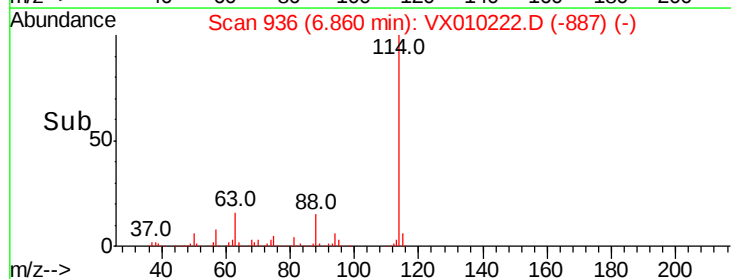
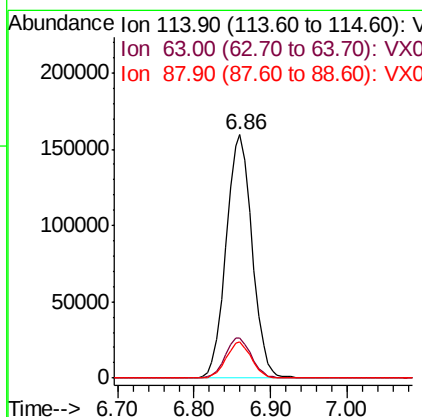
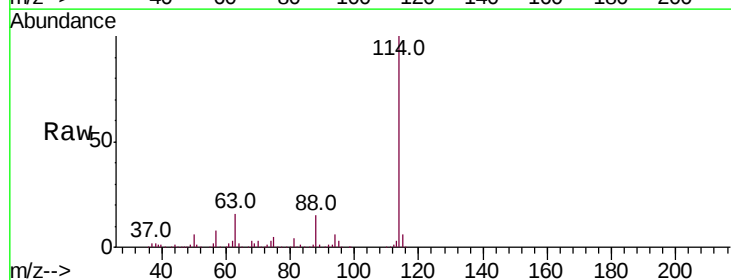
Manual Integrations
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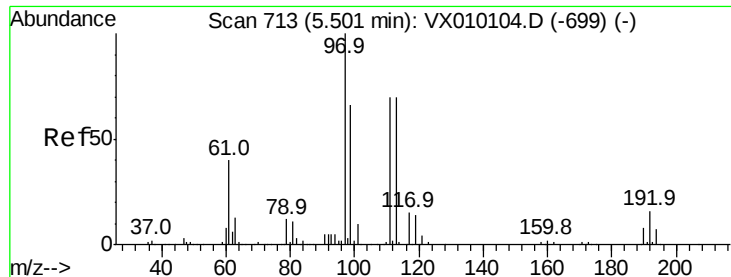
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	47.4
88	14.9	0.0	33.0





#35

Dibromofluoromethane

Concen: 49.800 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

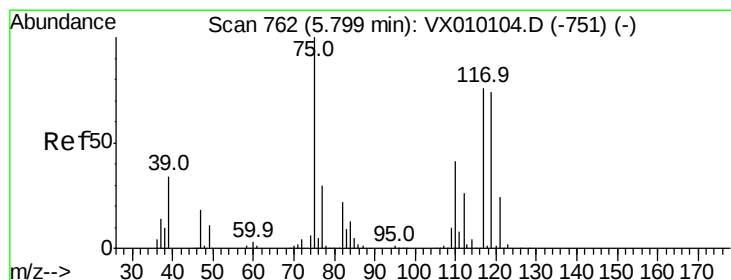
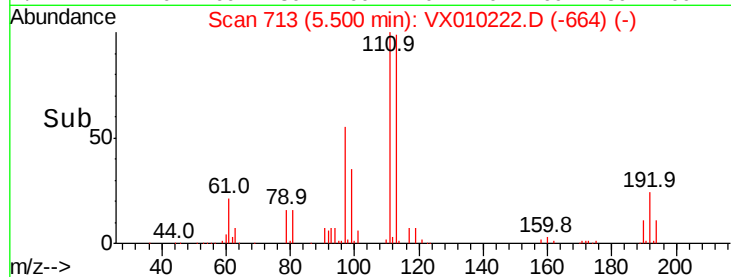
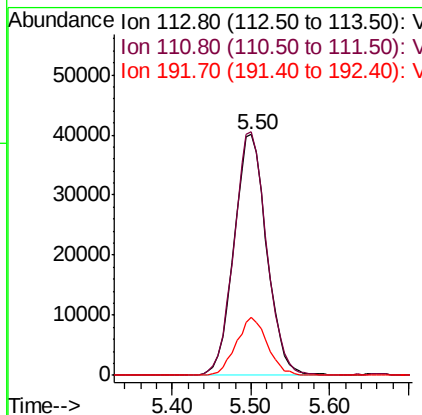
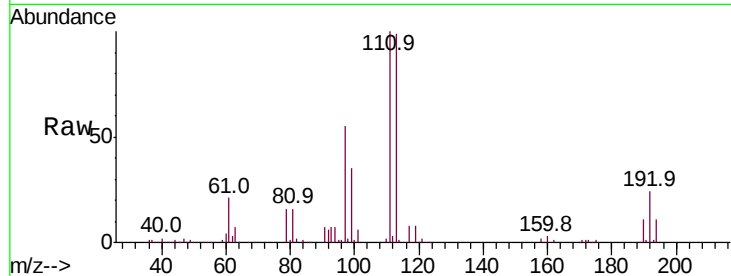
ClientSampleId :

VX0611WBS01

Tot Ion:	113	Resp:	114915
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.2	123.2
192	23.3	17.1	25.7

Manual Integrations
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6/12/2019 9:21:37 AM



#36

1,1-Dichloropropene

Concen: 18.258 ug/l

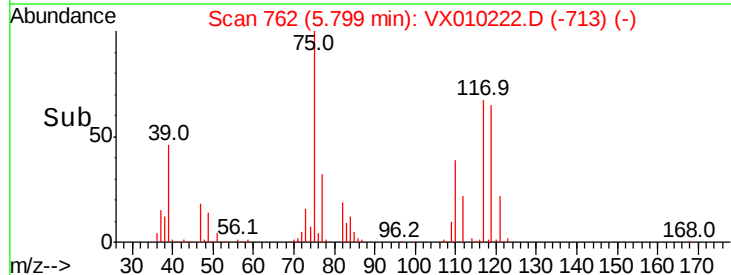
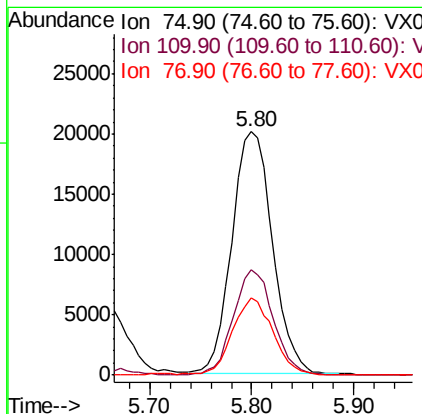
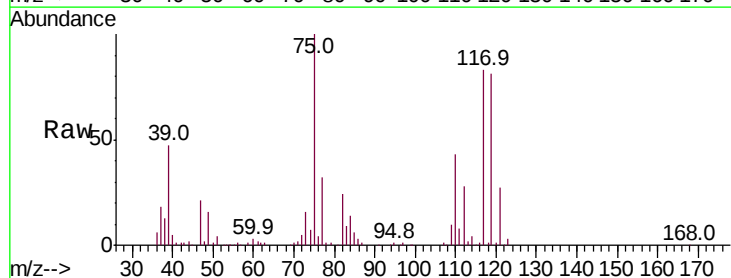
RT: 5.80 min Scan# 762

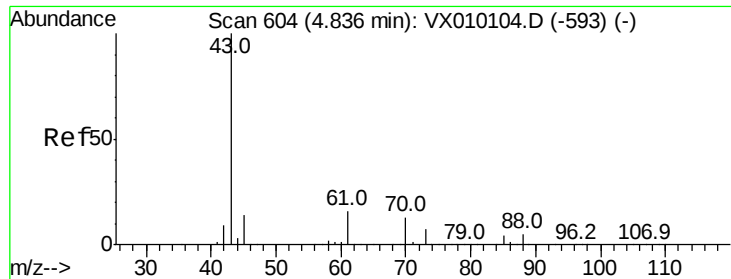
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	75	Resp:	55725
Ion Ratio	Lower	Upper	
75	100		
110	42.8	16.7	50.1
77	31.8	25.0	37.4





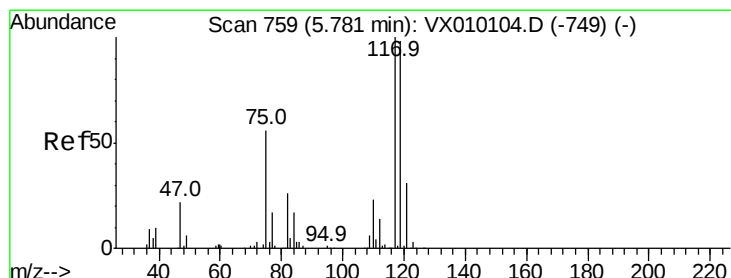
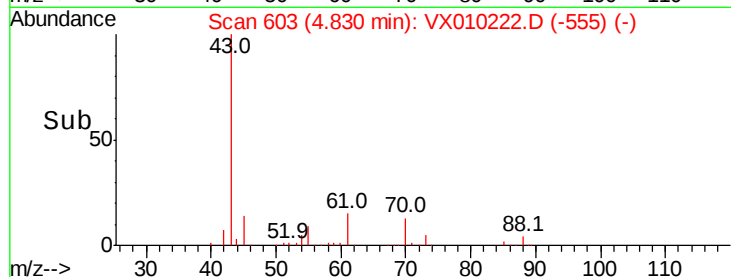
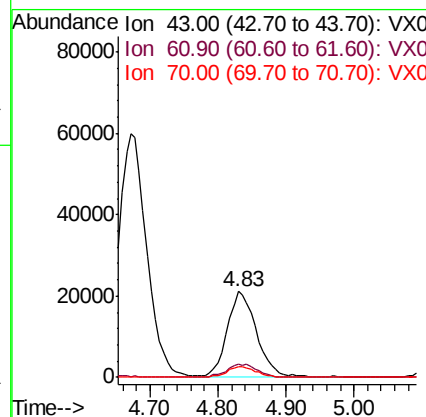
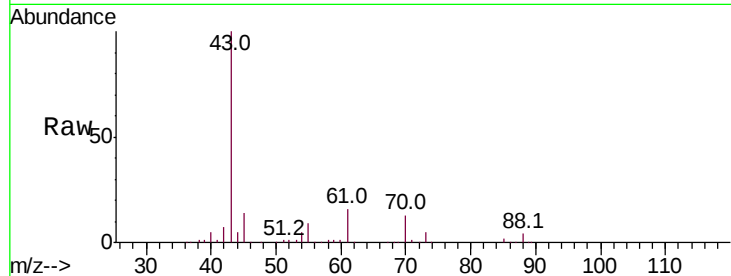
#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	10.2	15.2#
70	12.7	7.4	11.2#

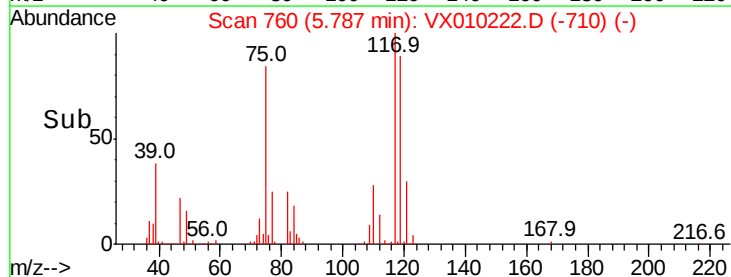
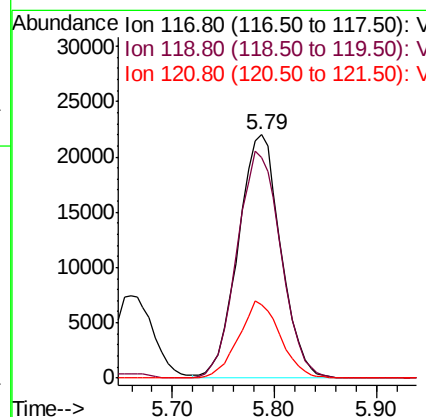
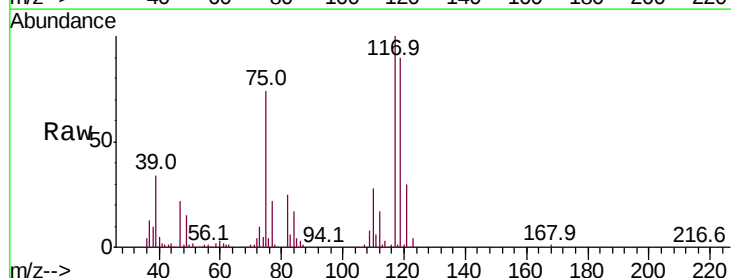
Manual Integrations
APPROVED

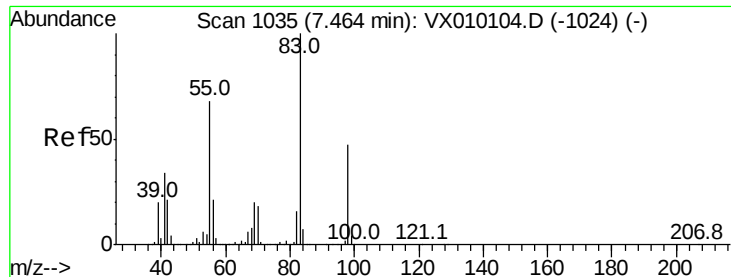
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6/12/2019 9:21:37 AM



#38
Carbon Tetrachloride
Concen: 18.479 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.3	115.9
121	30.0	25.4	38.0





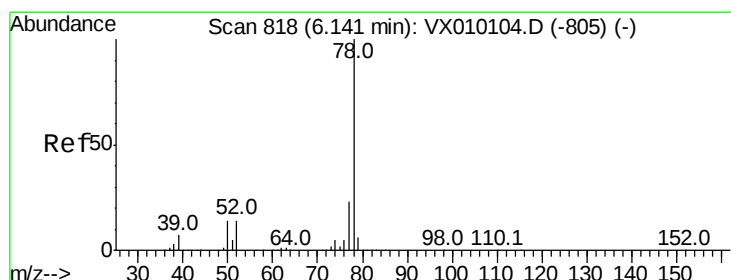
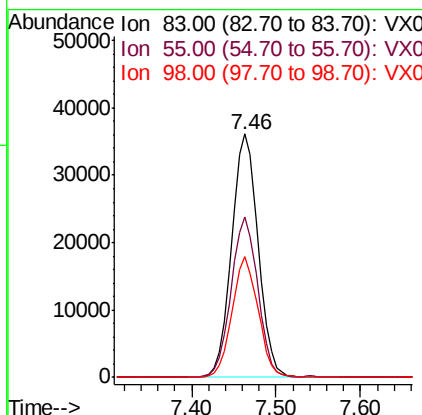
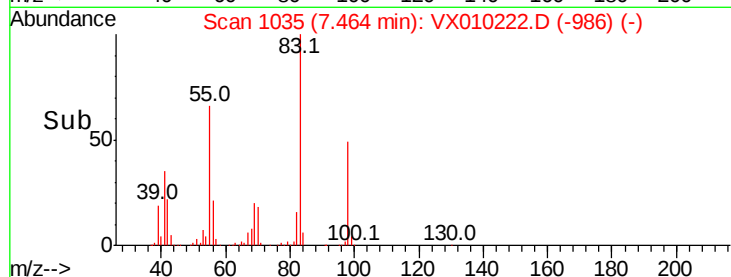
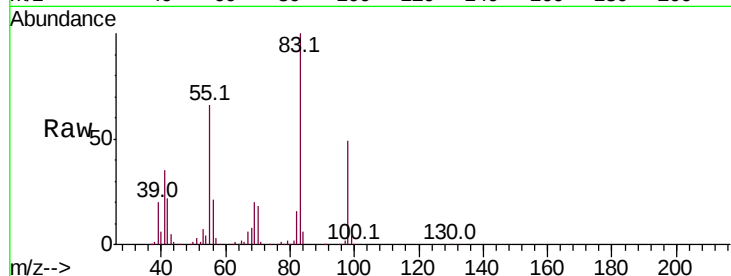
#39
Methylvlcvclohexane
Concen: 18.453 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	69.9	104.9#
98	49.4	35.1	52.7

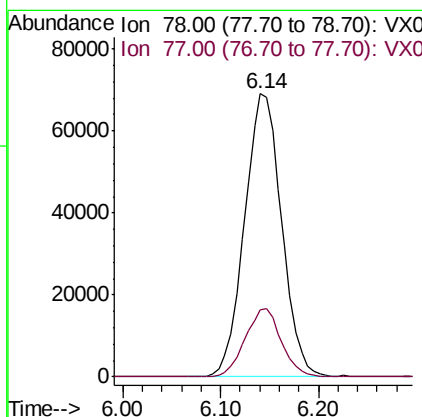
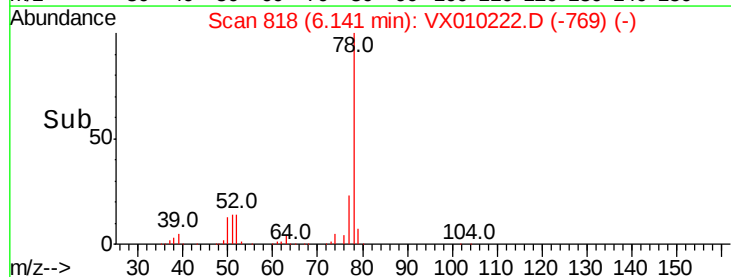
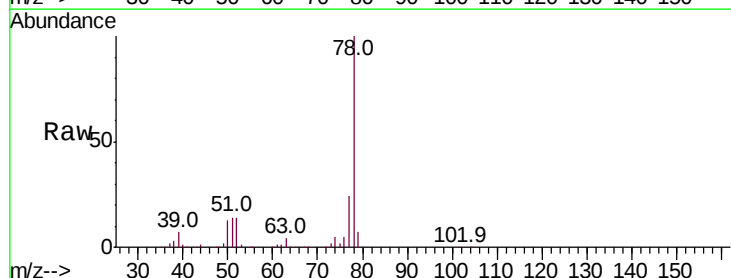
Manual Integrations
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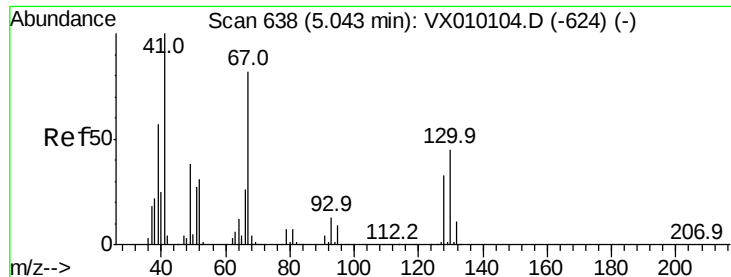
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#40
Benzene
Concen: 19.352 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





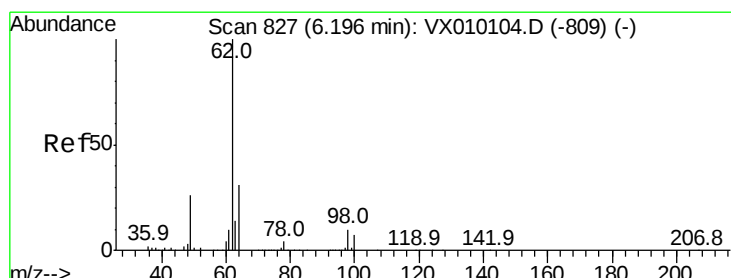
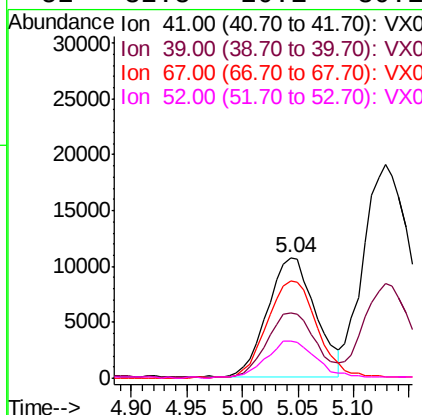
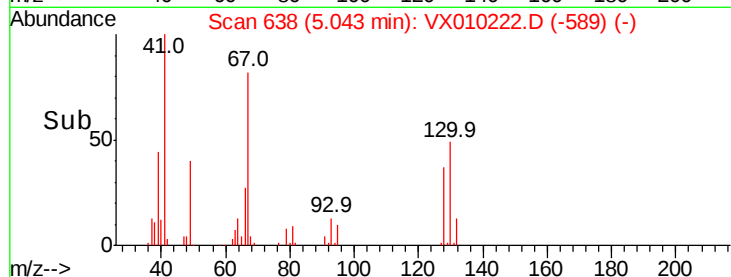
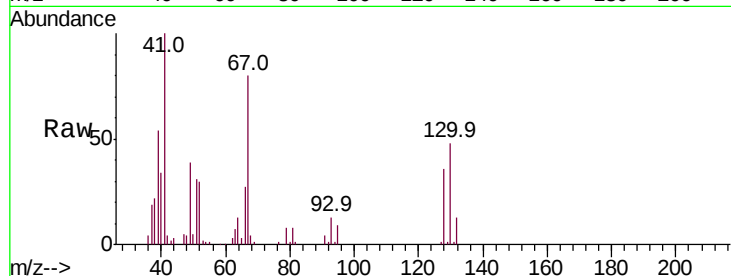
#41
Methacrylonitrile
Concen: 18.907 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.4
67	85.3	48.9	73.3
52	32.8	20.1	30.1

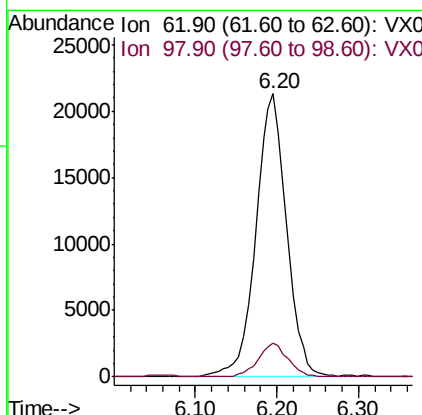
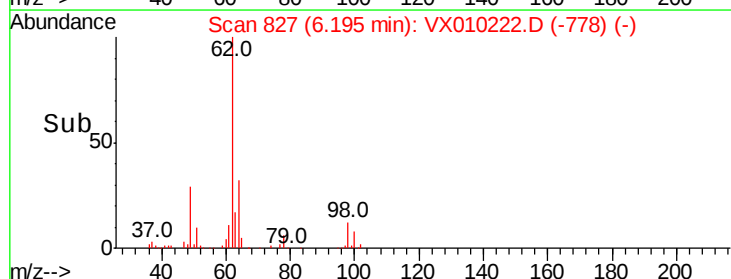
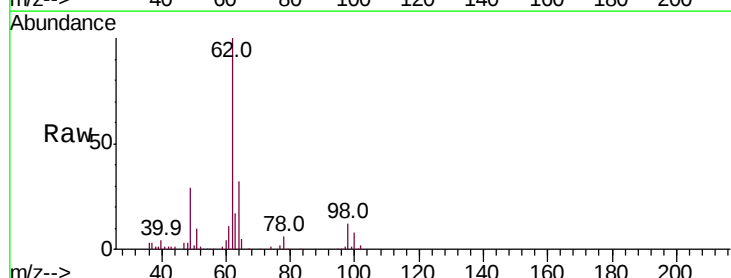
Manual Integrations
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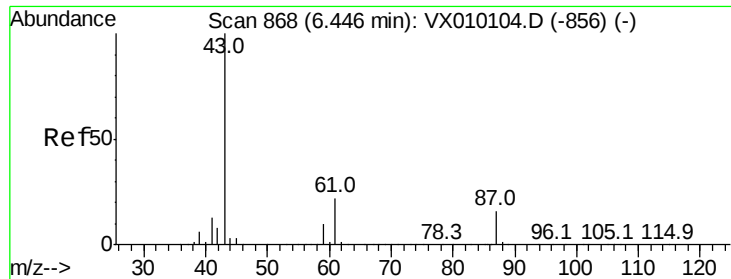
MMDadoda
6/12/2019 9:21:37 AM



#42
1,2-Dichloroethane
Concen: 18.536 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	17.2





#43

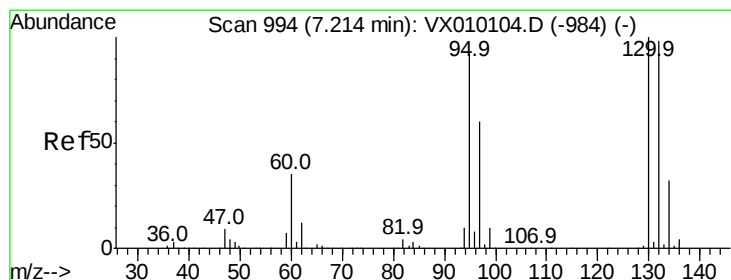
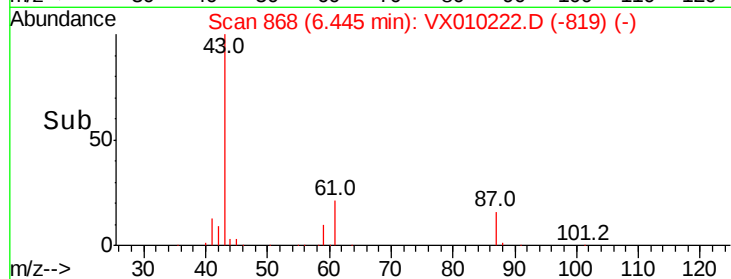
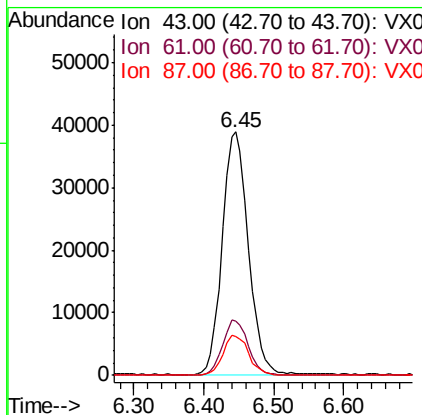
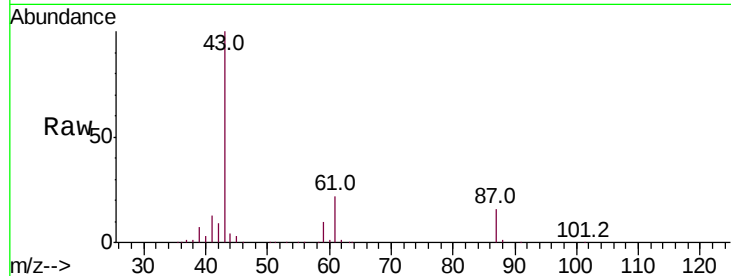
Isopropyl Acetate
 Concen: 18.943 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	22.5	16.2
Lower		14.6	8.7
Upper		21.8#	13.1#

Manual Integrations
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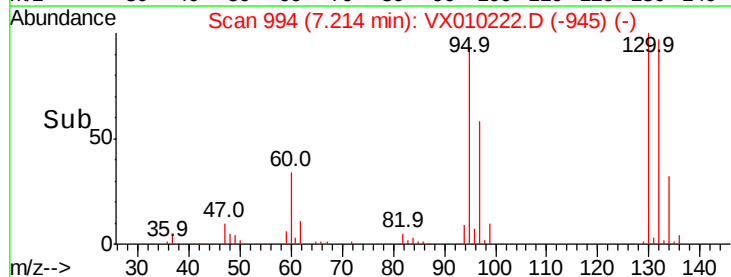
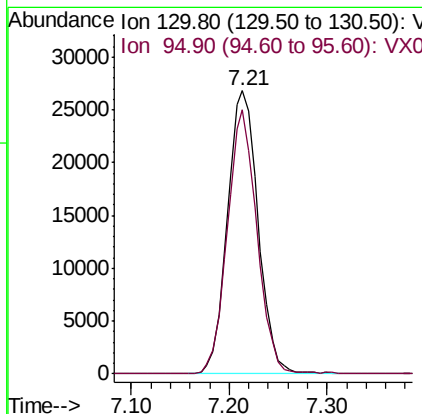
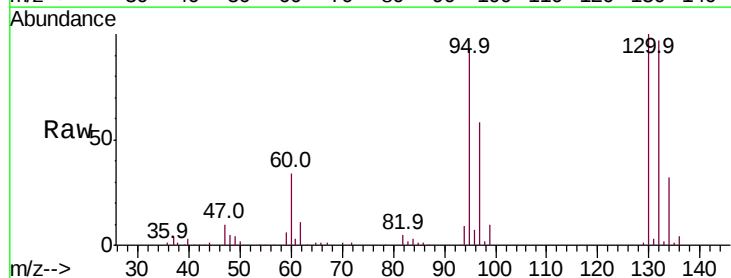
MMDadoda
 6/12/2019 9:21:37 AM

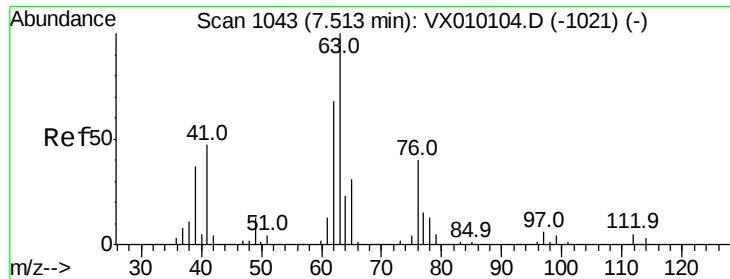


#44

Trichloroethene
 Concen: 20.506 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	130	95
Ion	130	95
Ratio	100	93.1
Lower		0.0
Upper		207.4





#45

1,2-Dichloropropane

Concen: 19.252 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 63 Resp: 45477

Ion Ratio Lower Upper

63 100

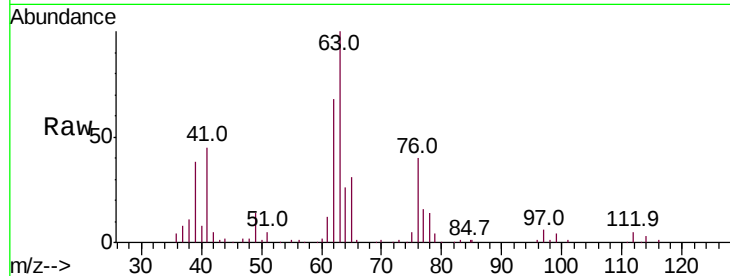
65 31.2 25.7 38.5

Manual Integrations

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MMDadoda

6/12/2019 9:21:37 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

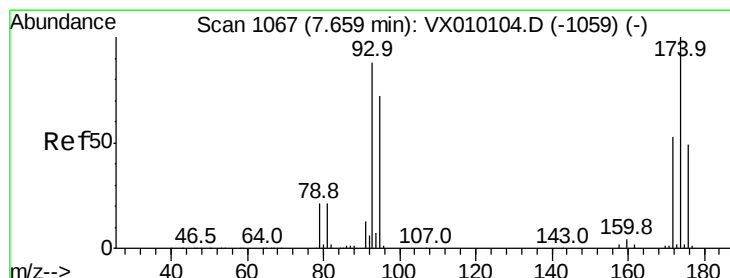
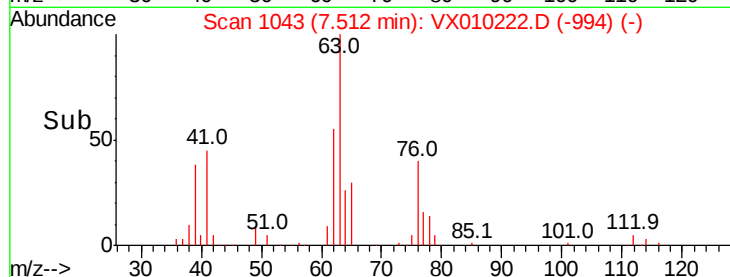
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.525 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

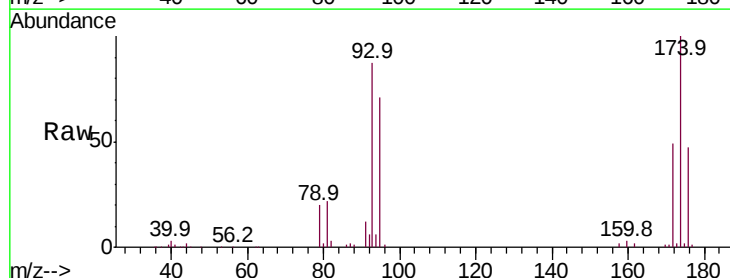
Tgt Ion: 93 Resp: 32783

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 121.2 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

25000

20000

15000

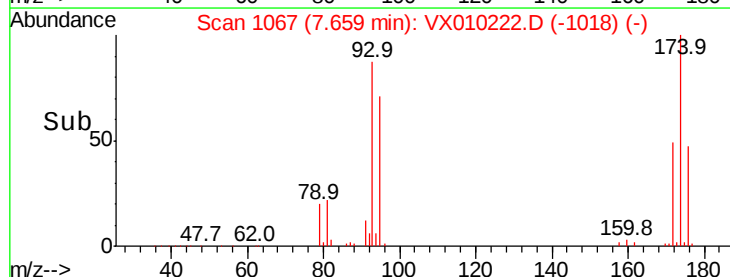
10000

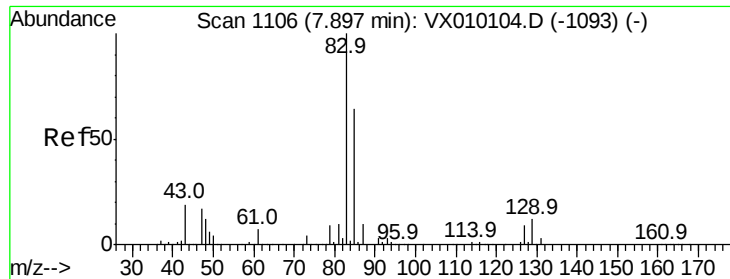
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

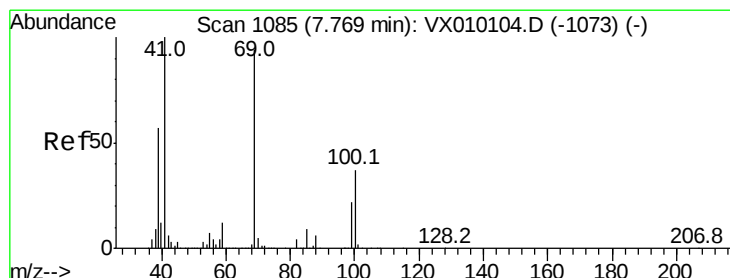
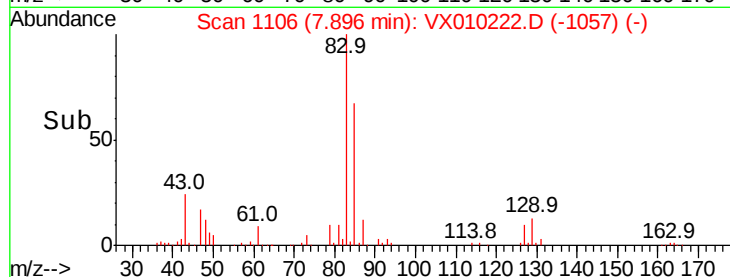
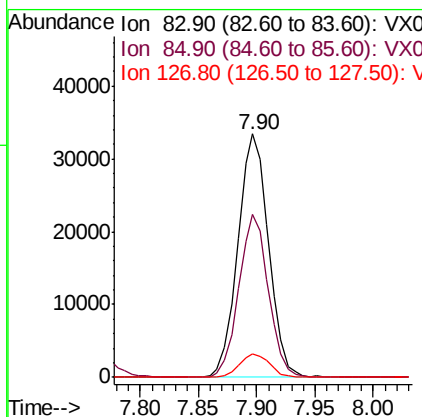
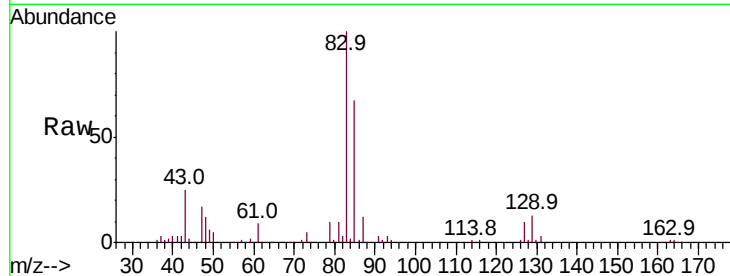
ClientSampleId :

VX0611WBS01

Tot Ion:	83	Resp:	61237
Ion Ratio	Lower	Upper	
83	100		
85	67.0	51.4	77.2
127	9.7	6.4	9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.957 ug/l

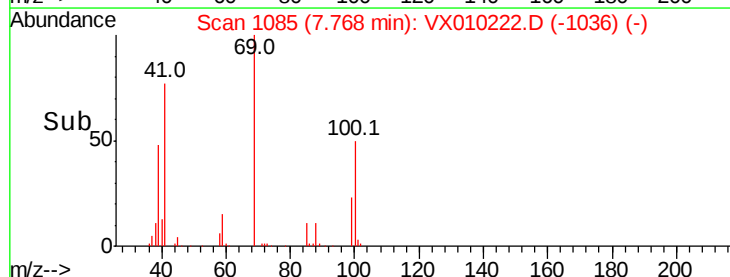
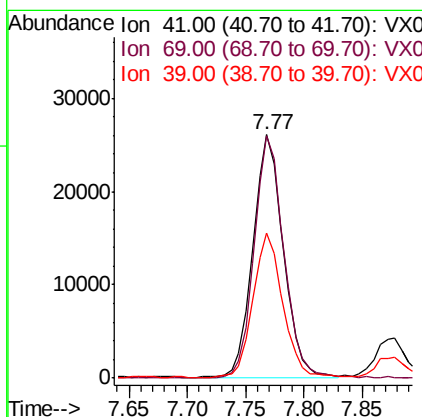
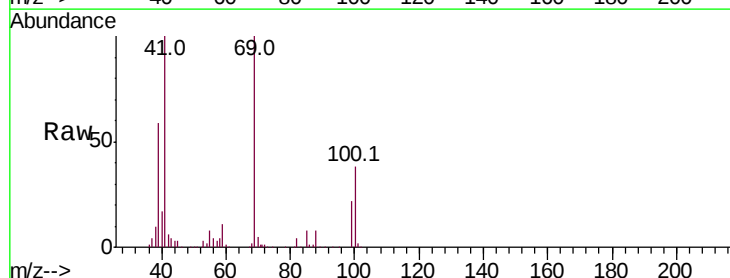
RT: 7.77 min Scan# 1085

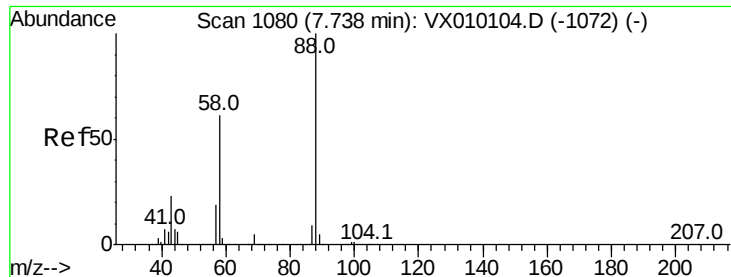
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	41	Resp:	47074
Ion Ratio	Lower	Upper	
41	100		
69	98.5	56.4	84.6#
39	58.4	40.6	60.8





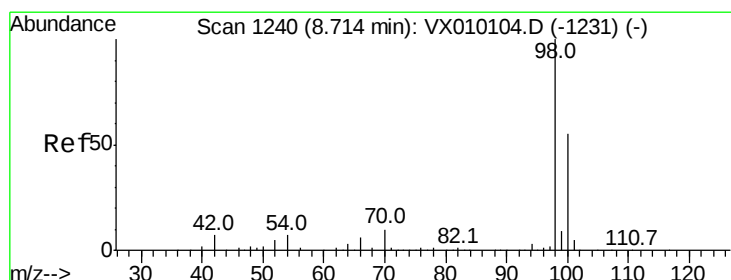
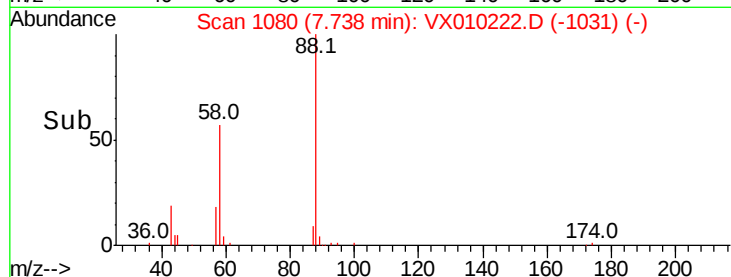
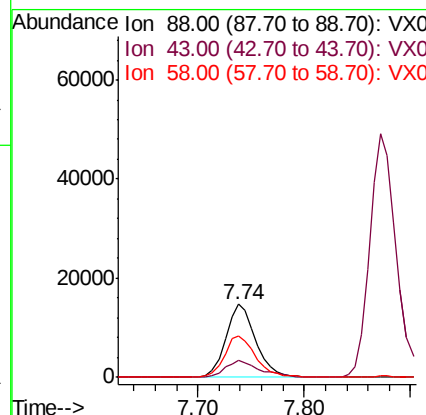
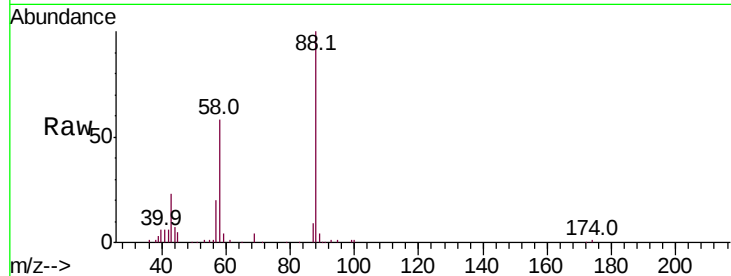
#49
1,4-Dioxane
Concen: 406.977 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	28813		
43	24.9	30.2	45.4#	
58	60.3	64.0	96.0#	

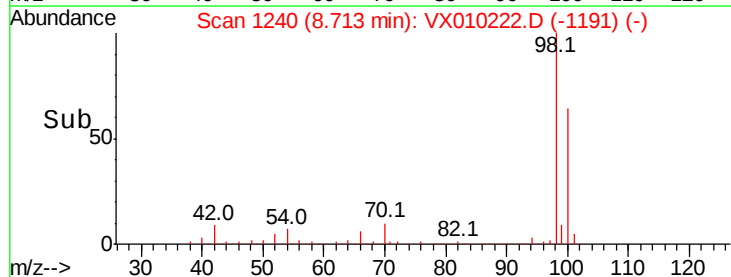
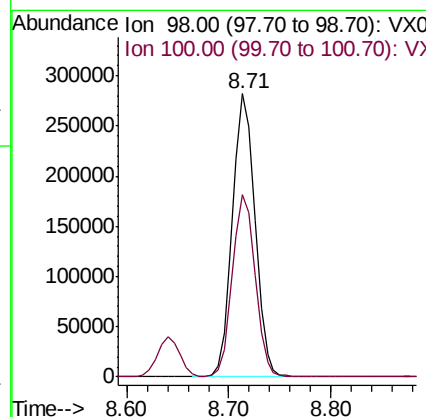
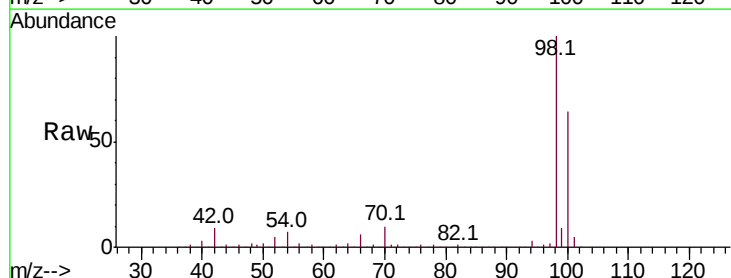
Manual Integrations
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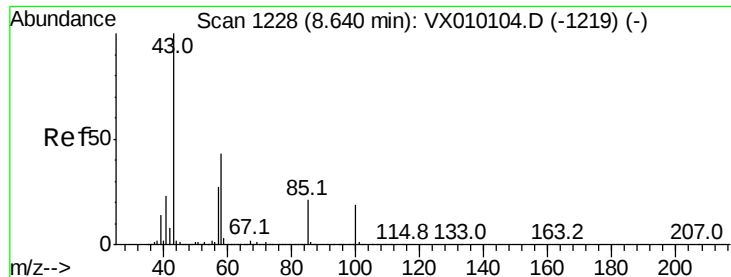
MMDadoda
6/12/2019 9:21:37 AM



#50
Toluene-d8
Concen: 49.916 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	431692		
100	64.9	51.5	77.3	





#51

4-Methyl-2-Pentanone

Concen: 101.826 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 43 Resp: 322990

Ion Ratio Lower Upper

43 100

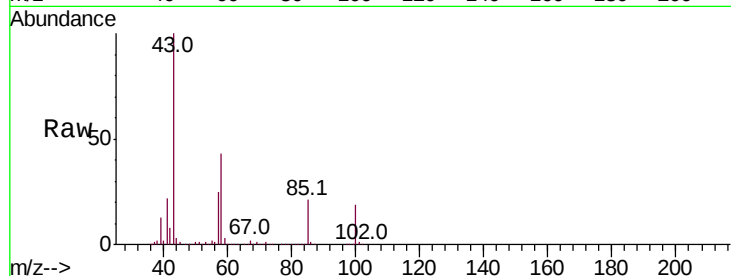
58 42.3 28.8 43.2

Manual Integrations

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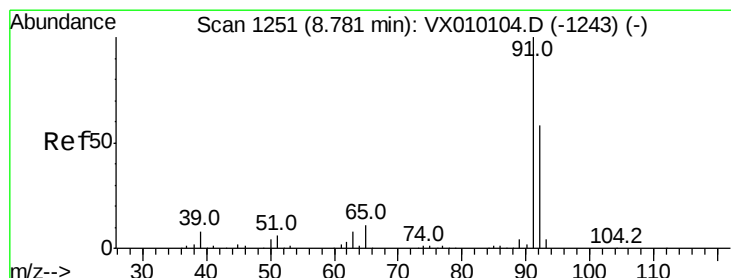
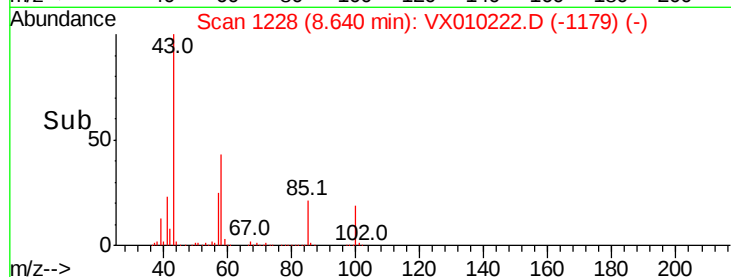
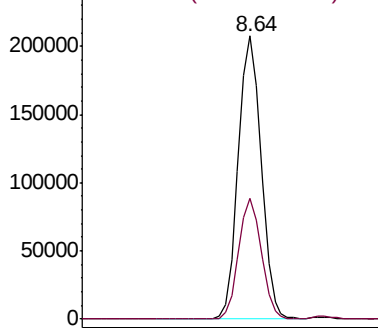
MMDadoda

6/12/2019 9:21:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.544 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010222.D

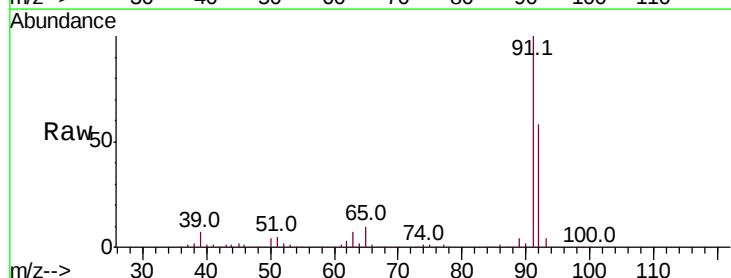
Acq: 11 Jun 2019 11:11

Tgt Ion: 92 Resp: 121246

Ion Ratio Lower Upper

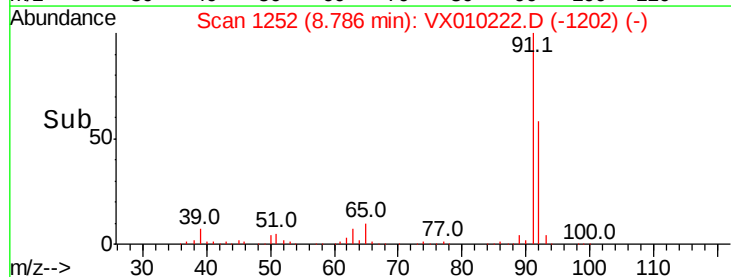
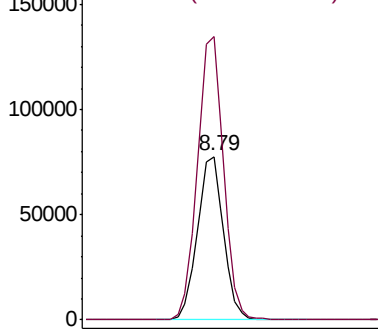
92 100

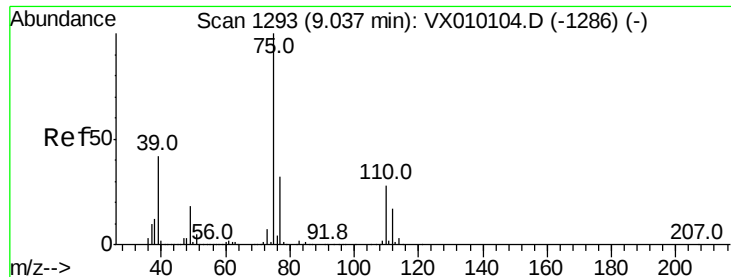
91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.740 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 75 Resp: 67854

Ion Ratio Lower Upper

75 100

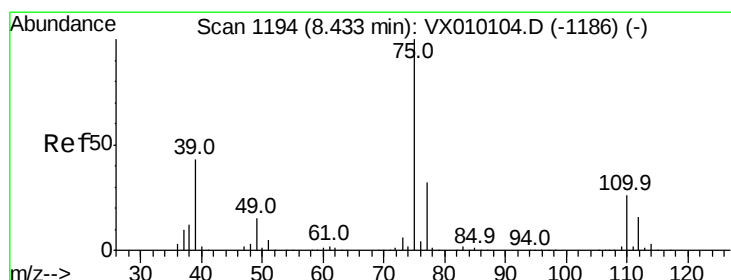
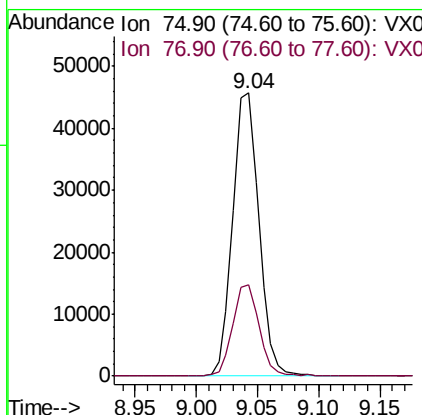
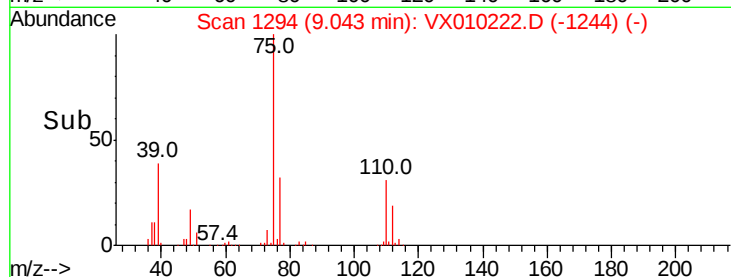
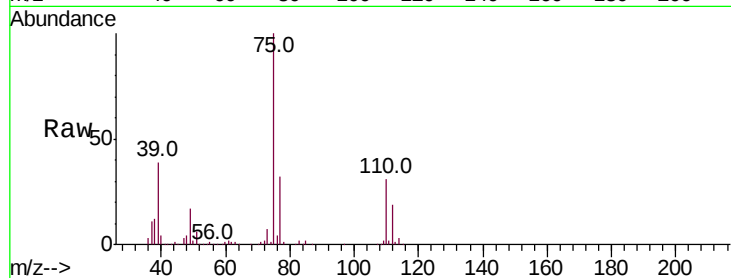
77 32.1 24.6 36.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.524 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

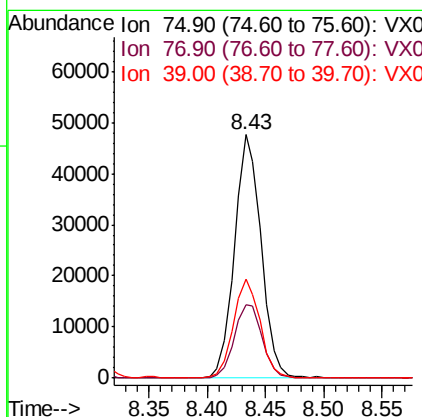
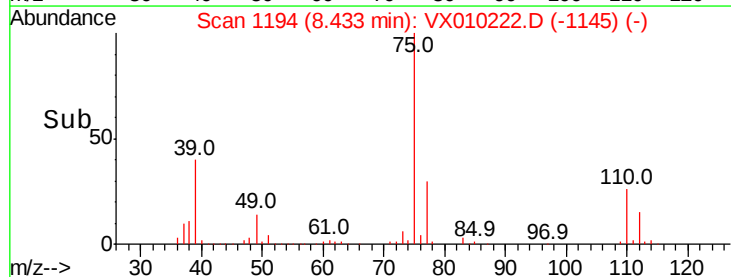
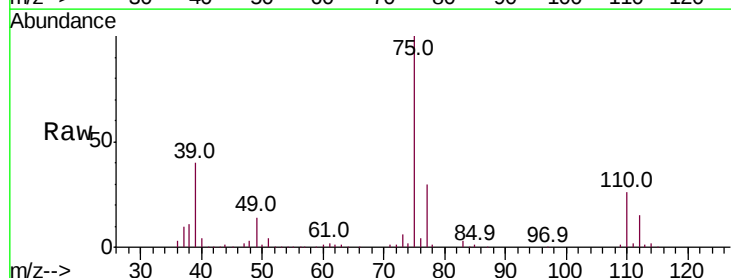
Tgt Ion: 75 Resp: 75958

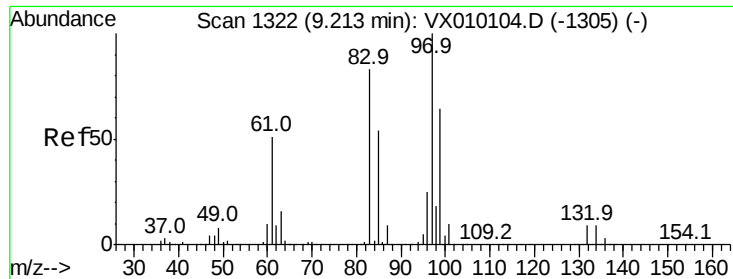
Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 40.2 43.4 65.0#





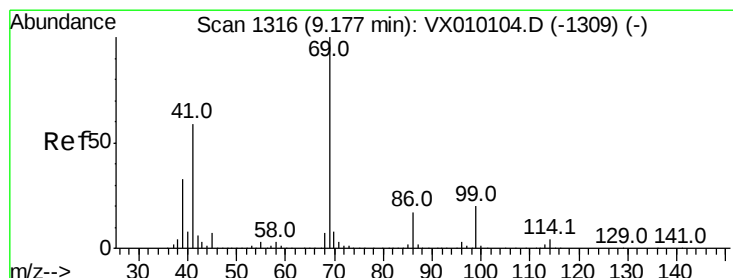
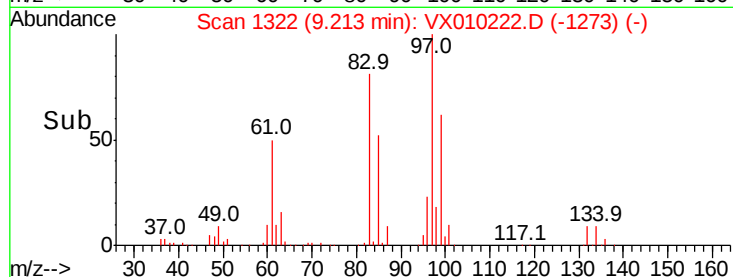
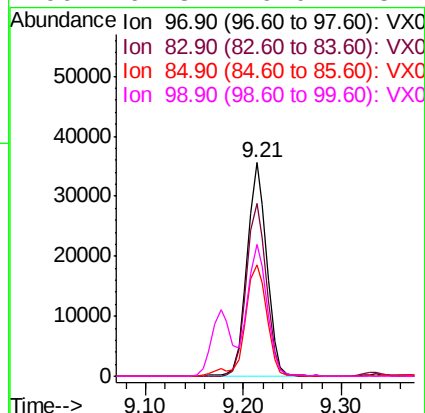
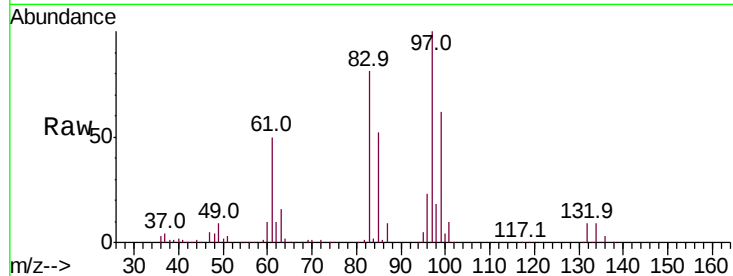
#55
1,1,2-Trichloroethane
Concen: 19.691 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	97	Resp	50029
Ion	Ratio	Lower	Upper
97	100		
83	80.8	69.8	104.8
85	52.0	45.3	67.9
99	61.8	49.0	73.4

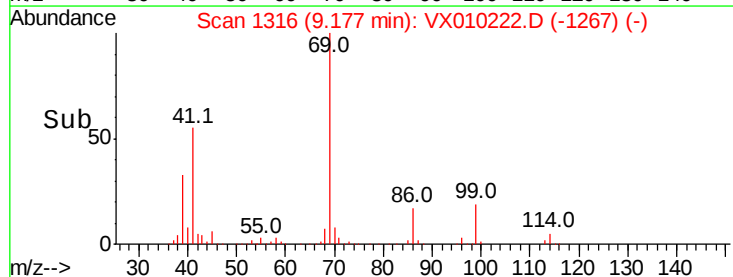
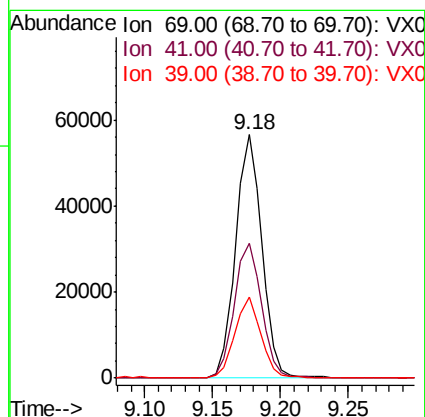
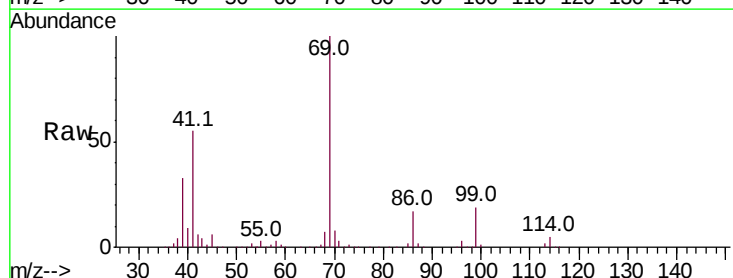
Manual Integrations
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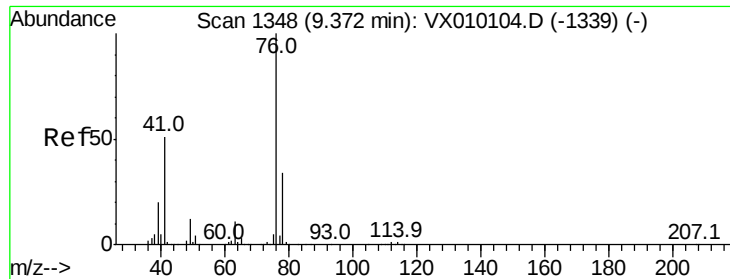
MMDadoda
6/12/2019 9:21:37 AM



#56
Ethyl methacrylate
Concen: 19.031 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	69	Resp	76381
Ion	Ratio	Lower	Upper
69	100		
41	57.3	62.7	94.1#
39	32.6	29.5	44.3





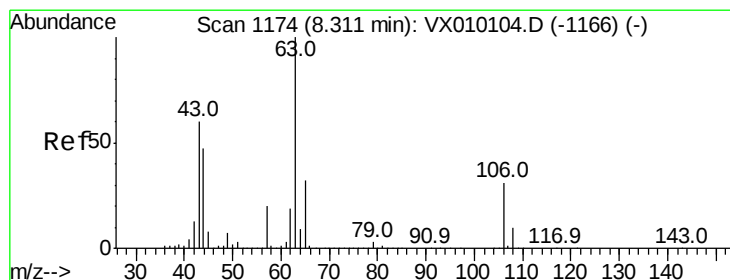
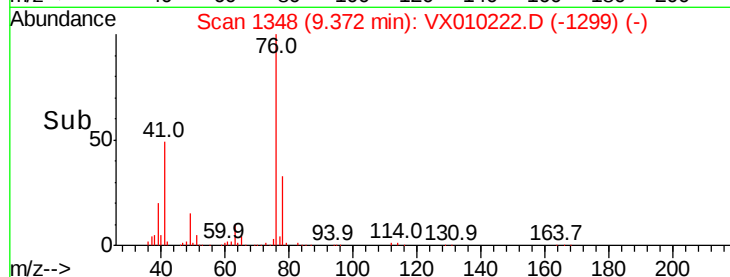
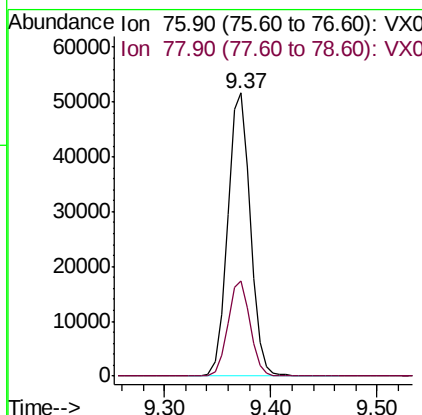
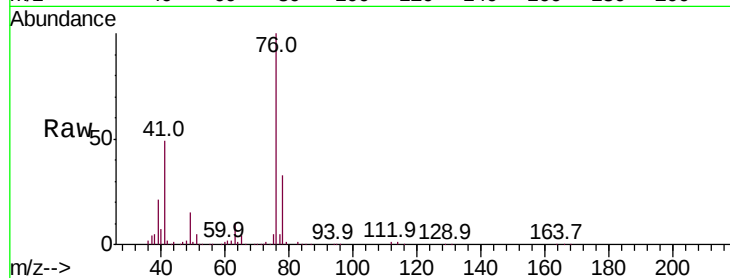
#57
 1,3-Dichloropropane
 Concen: 19.223 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.4	38.0

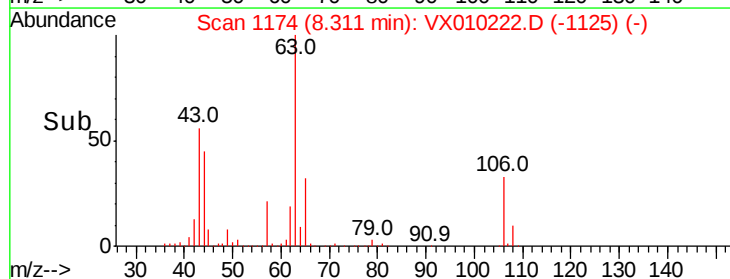
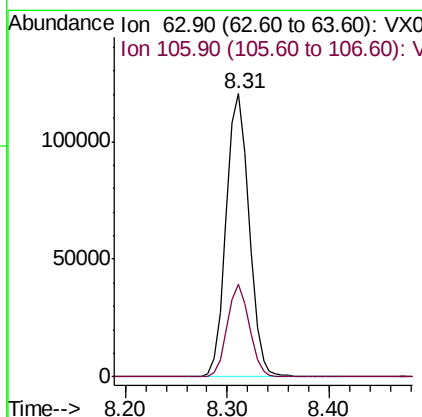
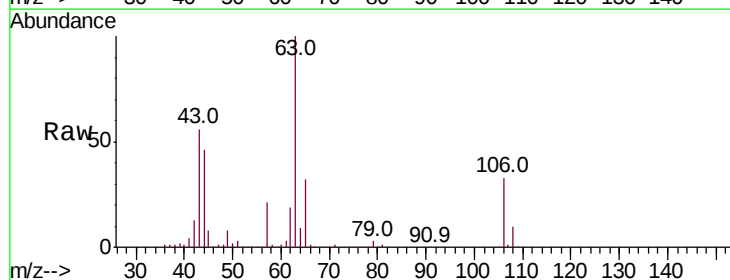
Manual Integrations
 APPROVED

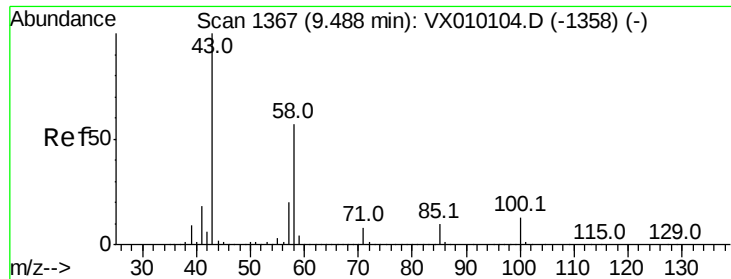
MMDadoda
 6/12/2019 9:21:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.169 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	19.4	29.2





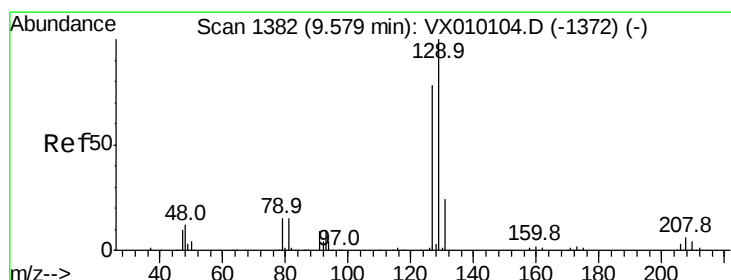
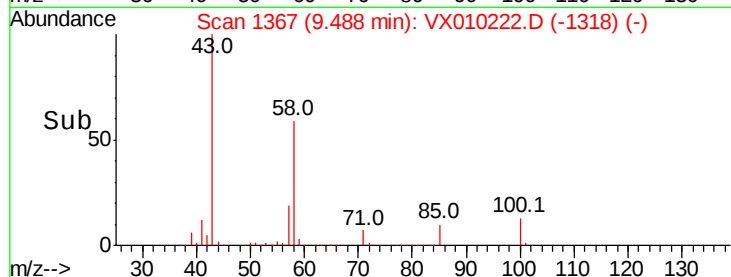
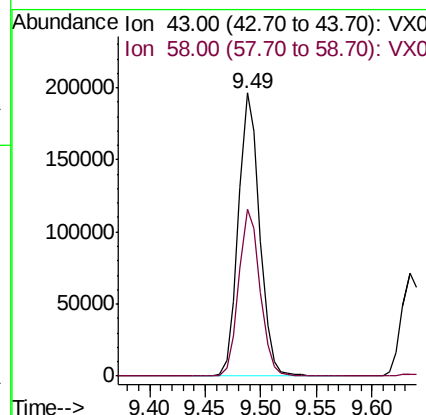
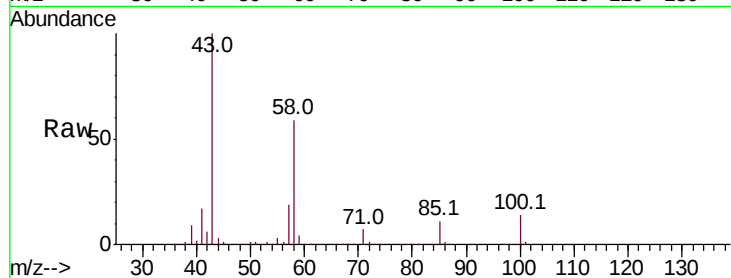
#59
2-Hexanone
Concen: 102.339 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 43 Resp: 258819
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3

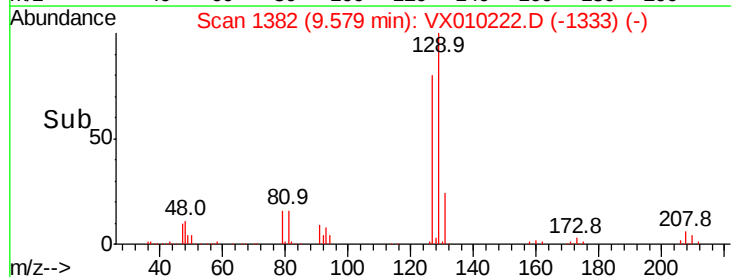
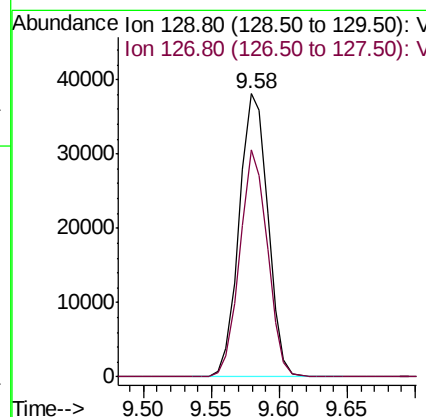
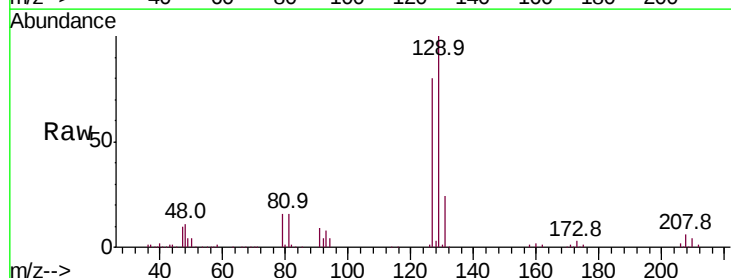
Manual Integrations
APPROVED

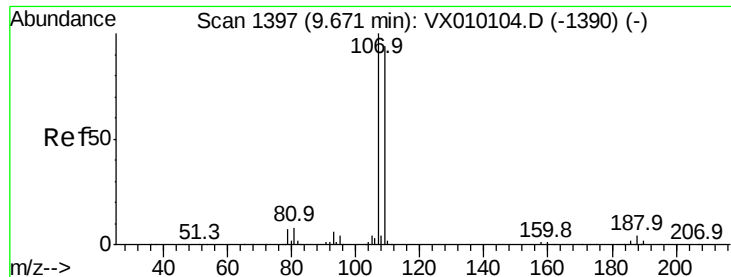
MMDadoda
6/12/2019 9:21:37 AM



#60
Dibromochloromethane
Concen: 18.655 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion: 129 Resp: 56063
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.005 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:107 Resp: 53778

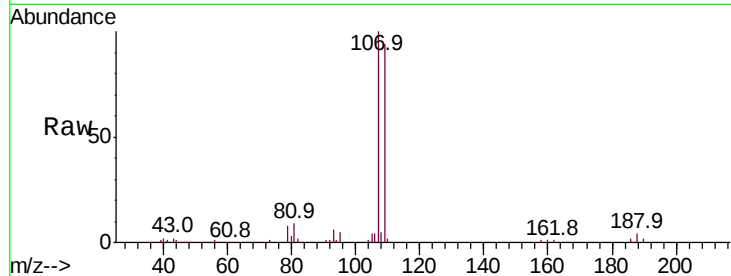
Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.2

Manual Integrations
APPROVED

MMDadoda
6/12/2019 9:21:37 AM

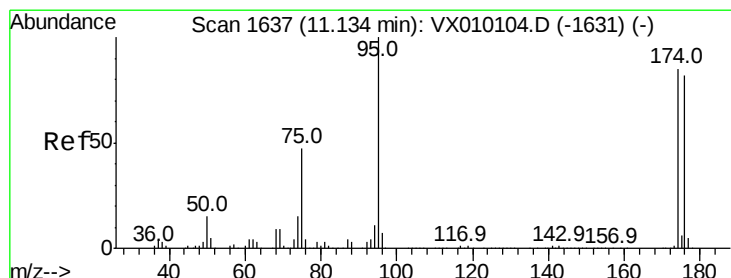
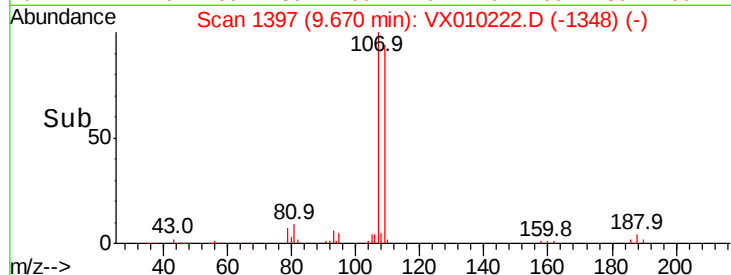


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 47.999 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

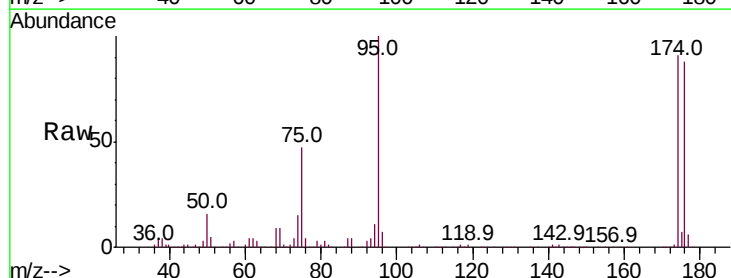
Tgt Ion: 95 Resp: 155026

Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.4

176 92.5 0.0 154.6



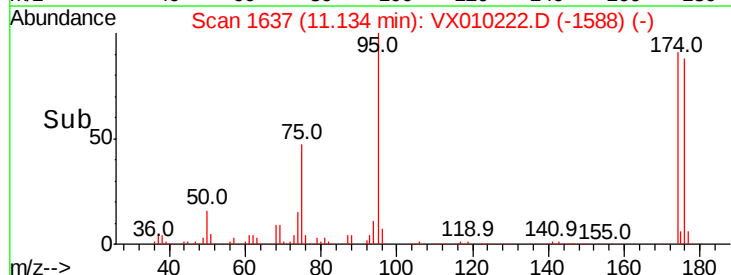
Abundance Ion 94.90 (94.60 to 95.60): VX0

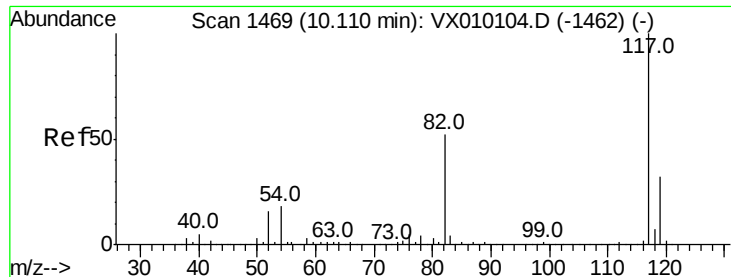
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->





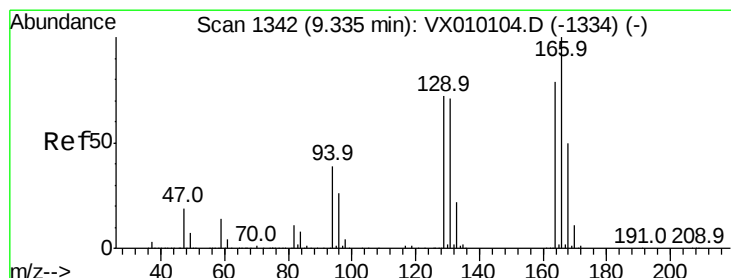
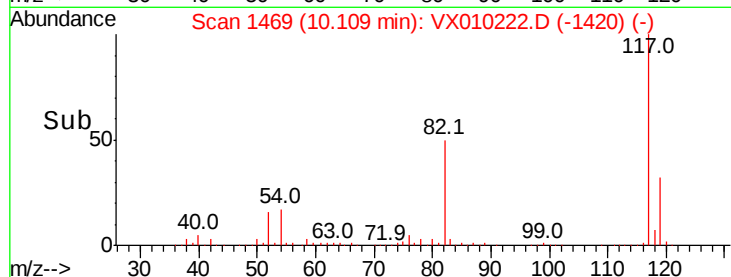
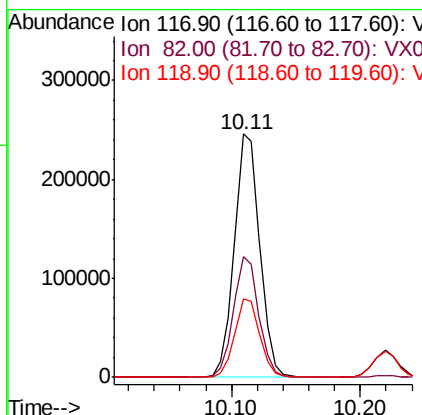
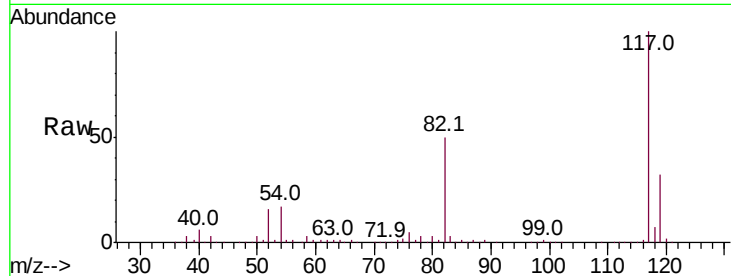
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	49.2	73.8
119	32.4	25.2	37.8

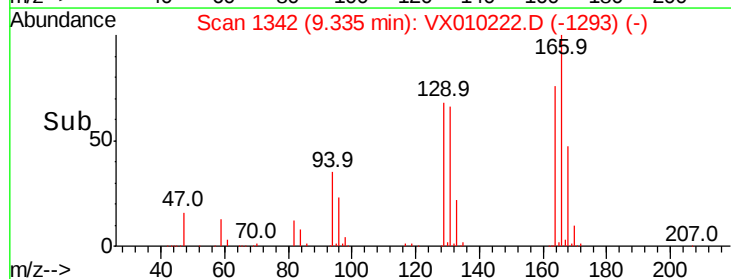
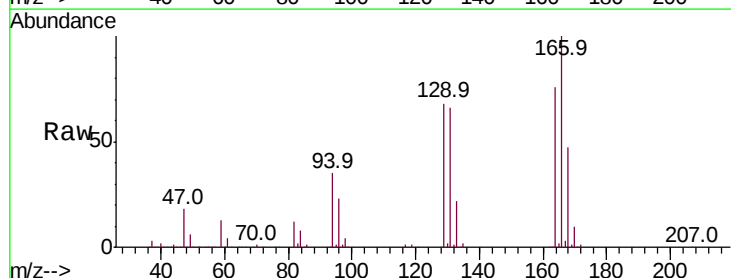
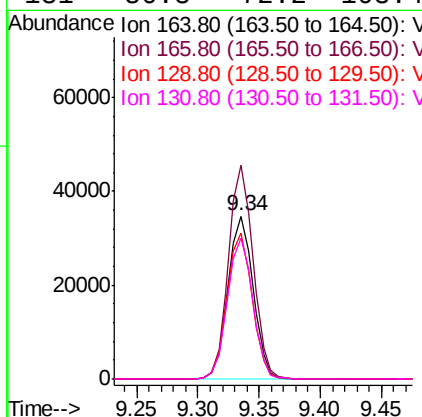
Manual Integrations
APPROVED

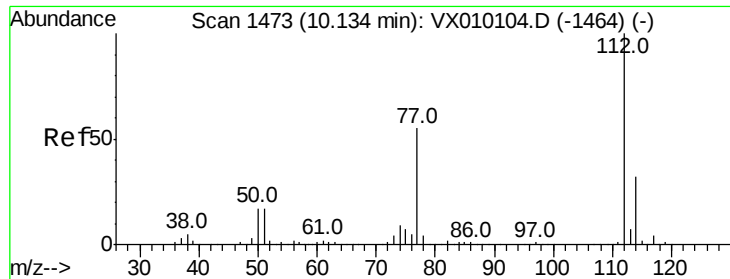
MMDadoda
6/12/2019 9:21:37 AM



#64
Tetrachloroethene
Concen: 19.503 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	105.0	157.4
129	89.4	75.1	112.7
131	86.8	72.2	108.4





#65

Chlorobenzene

Concen: 19.335 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:112 Resp: 135555

Ion Ratio Lower Upper

112 100

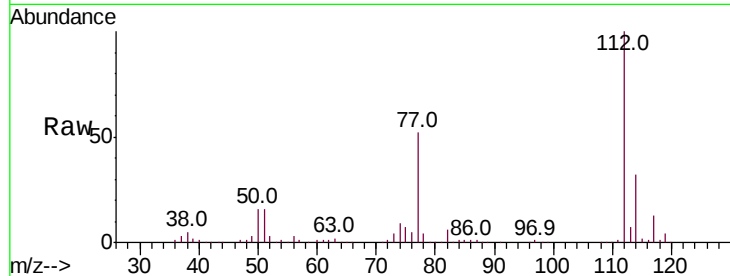
114 32.0 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

100000

80000

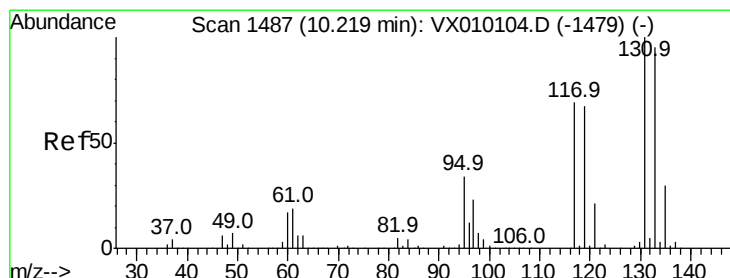
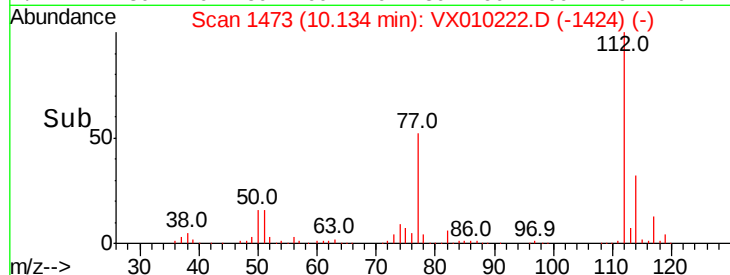
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.013 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

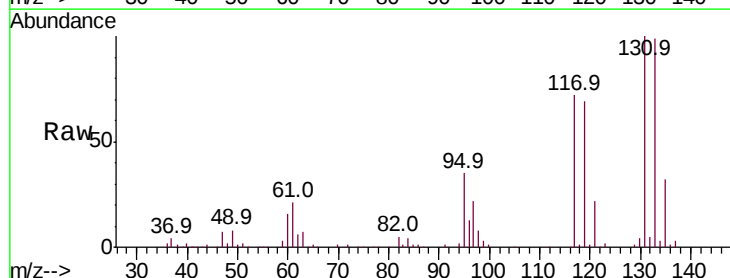
Tgt Ion:131 Resp: 51260

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 67.4 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

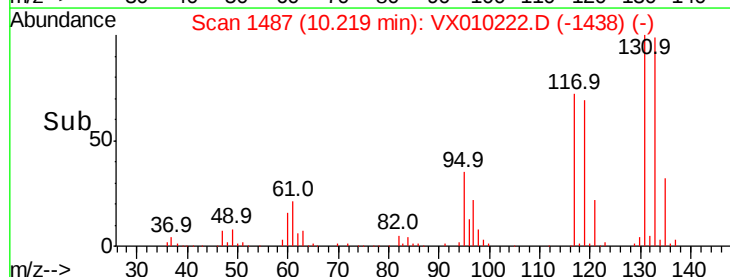
30000

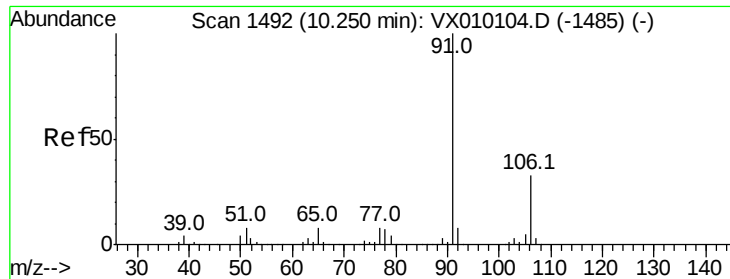
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.170 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

Tot Ion: 91 Resp: 228796

Ion Ratio Lower Upper

91 100

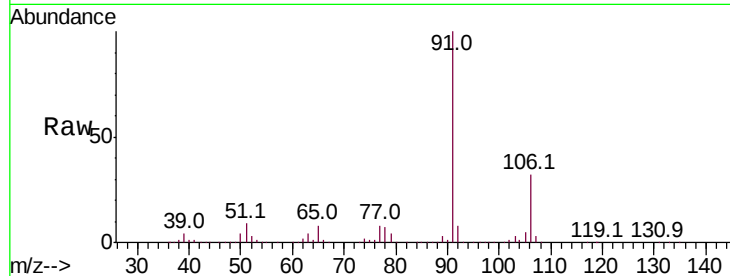
106 32.3 23.9 35.9

Manual Integrations

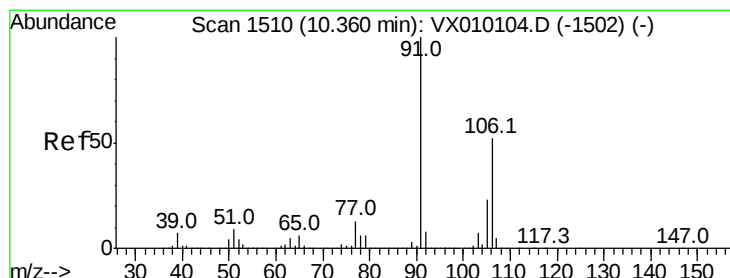
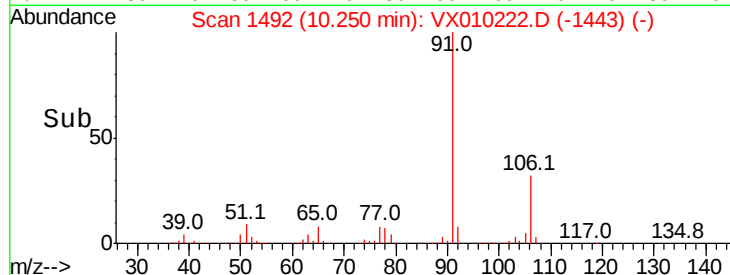
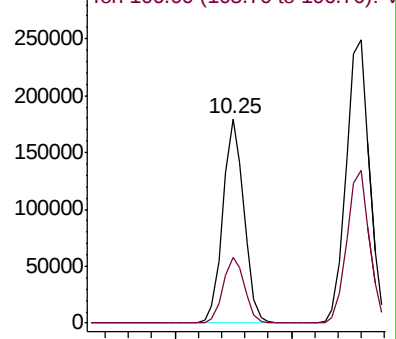
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6/12/2019 9:21:37 AM



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.369 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010222.D

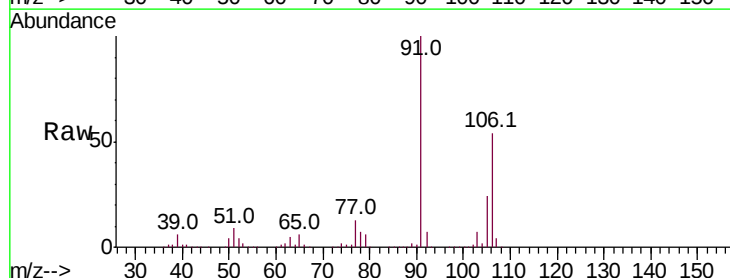
Acq: 11 Jun 2019 11:11

Tgt Ion: 106 Resp: 181825

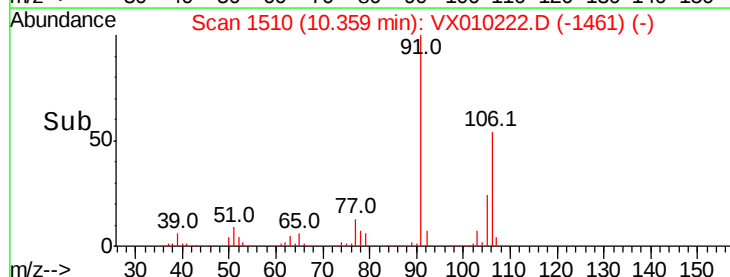
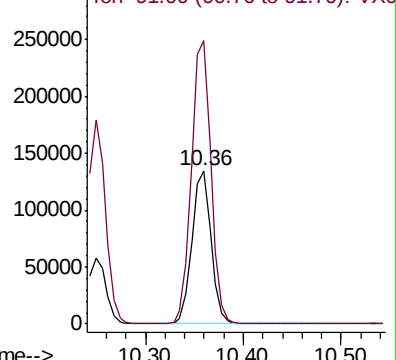
Ion Ratio Lower Upper

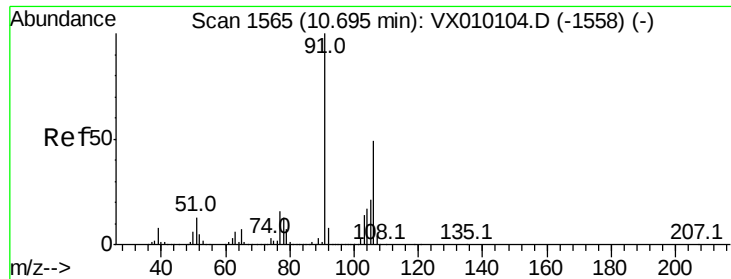
106 100

91 189.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VX010104.D (-1502) (-)





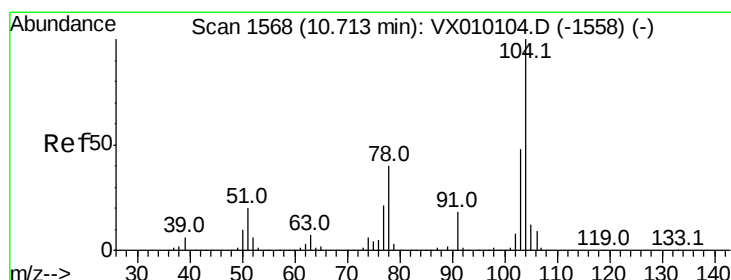
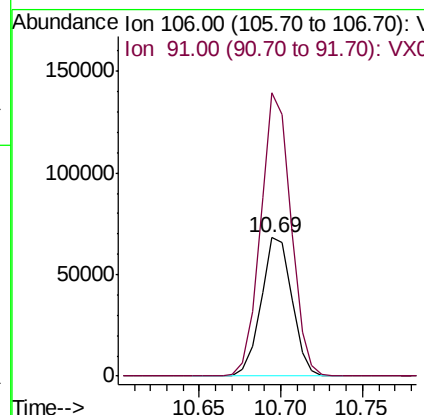
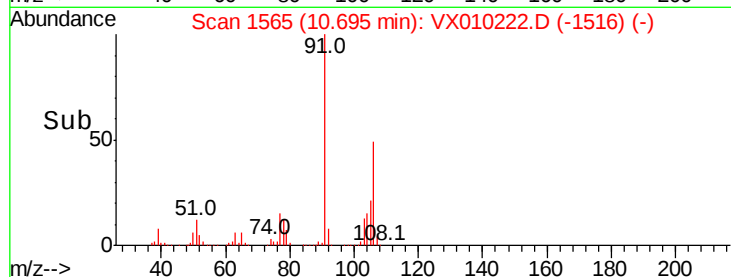
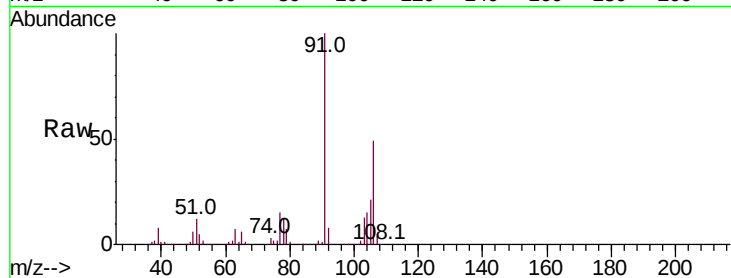
#69
o-Xylene
Concen: 19.656 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion:106 Resp: 90241
Ion Ratio Lower Upper
106 100
91 199.6 110.4 331.2

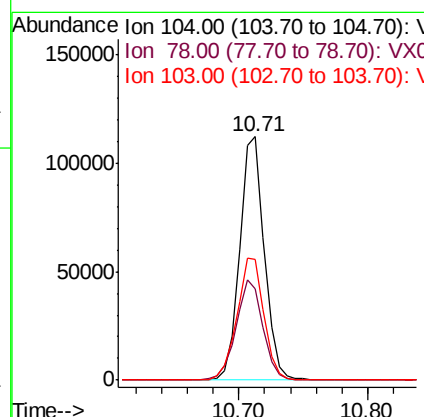
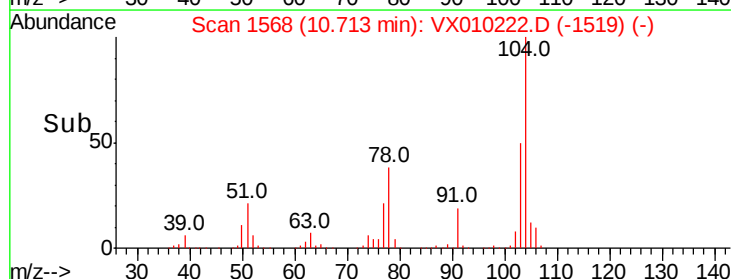
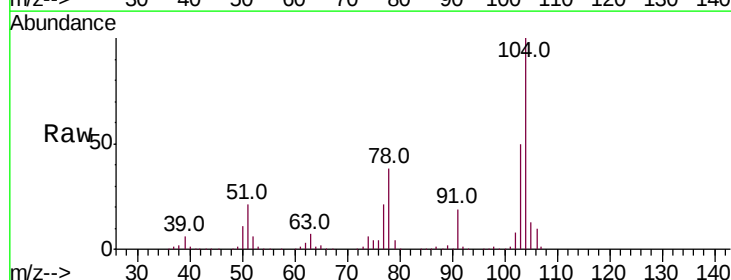
Manual Integrations
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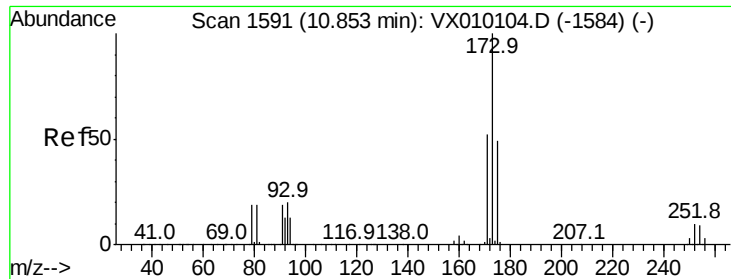
MMDadoda
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#70
Styrene
Concen: 19.183 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion:104 Resp: 149161
Ion Ratio Lower Upper
104 100
78 45.1 42.1 63.1
103 55.3 44.1 66.1





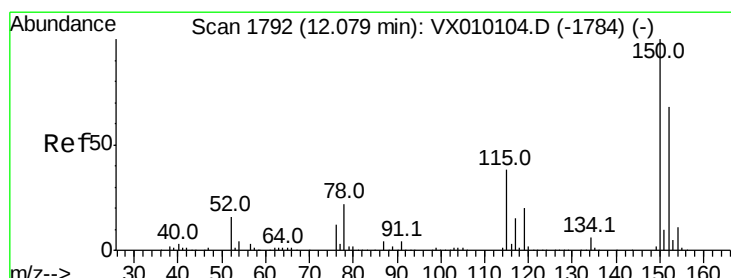
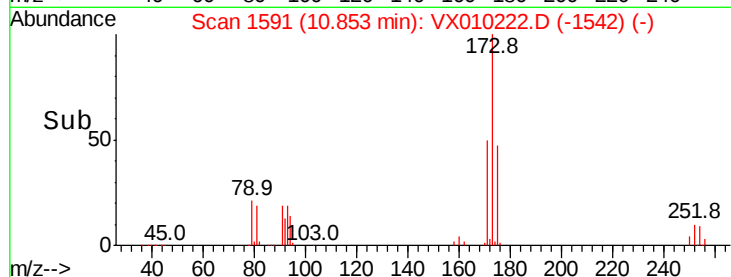
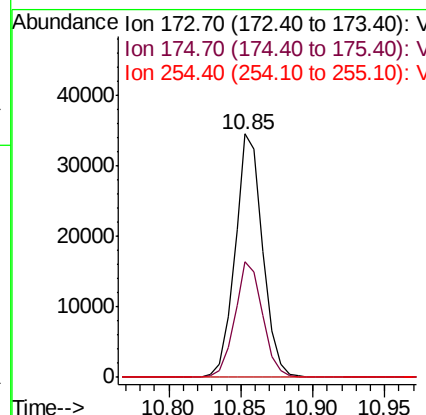
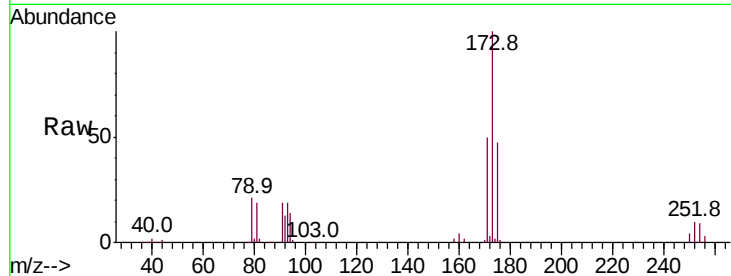
#71
Bromoform
Concen: 18.571 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	25.0	75.0
254	0.1	0.2	0.2#

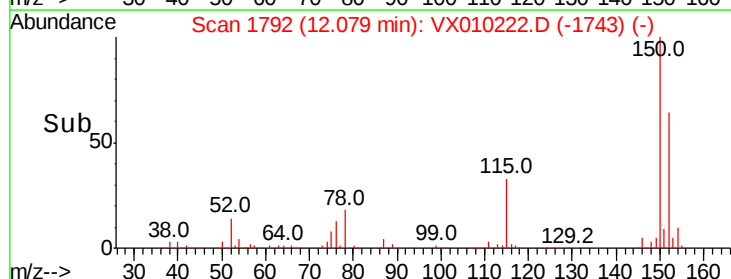
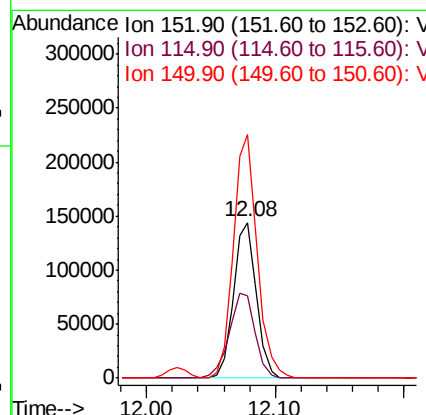
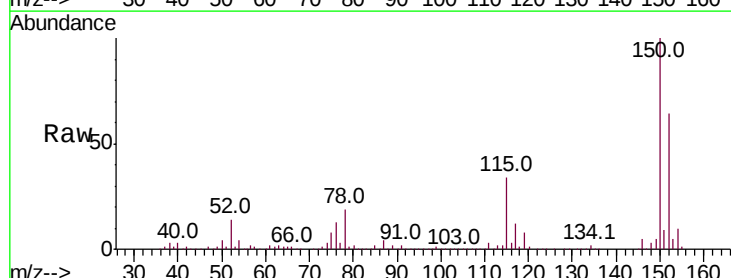
Manual Integrations
APPROVED

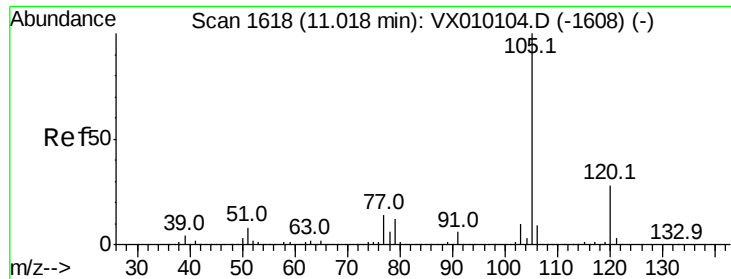
MMDadoda
6/12/2019 9:21:37 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	41.4	124.2
150	163.4	0.0	345.2





#73

Isopropylbenzene

Concen: 18.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:105 Resp: 232596

Ion Ratio Lower Upper

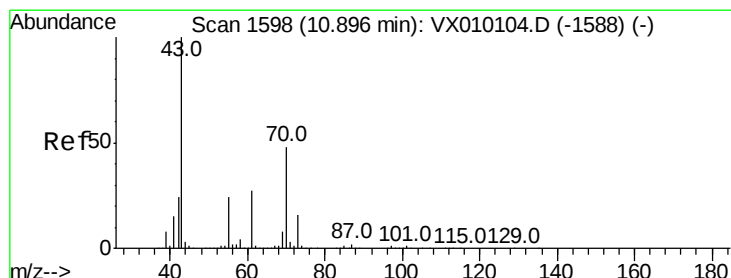
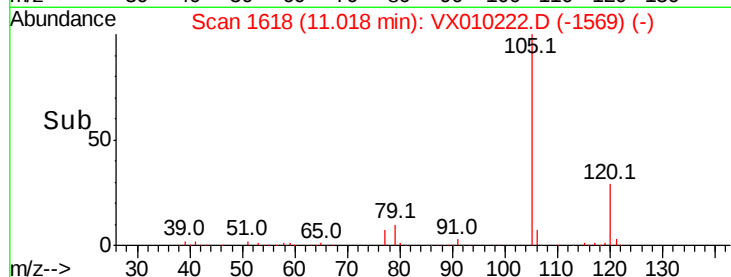
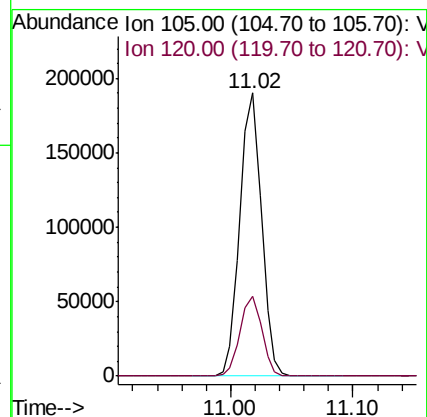
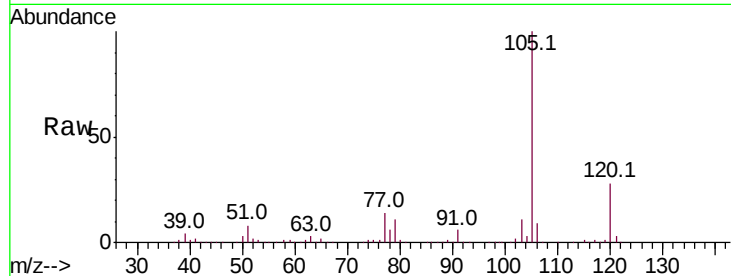
105 100

120 28.5 12.8 38.4

Manual Integrations
APPROVED

MMDadoda

6/12/2019 9:21:37 AM



#74

N-ethyl acetate

Concen: 18.780 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion: 43 Resp: 92532

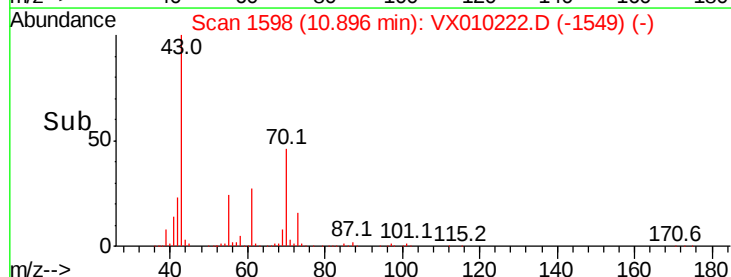
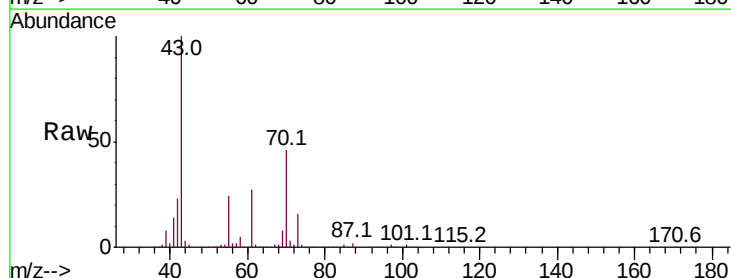
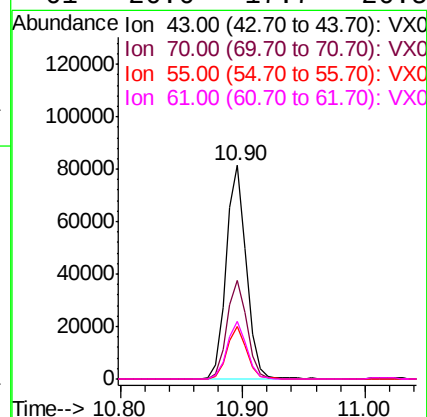
Ion Ratio Lower Upper

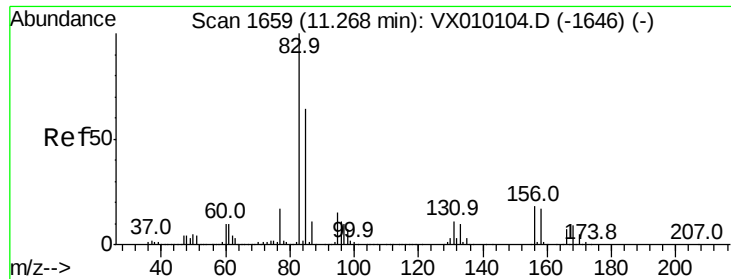
43 100

70 46.4 28.6 43.0#

55 24.0 17.8 26.8

61 26.6 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.630 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

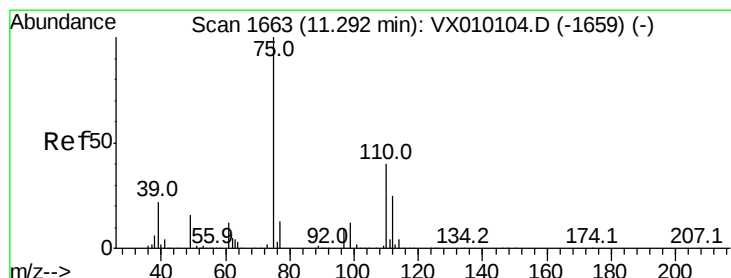
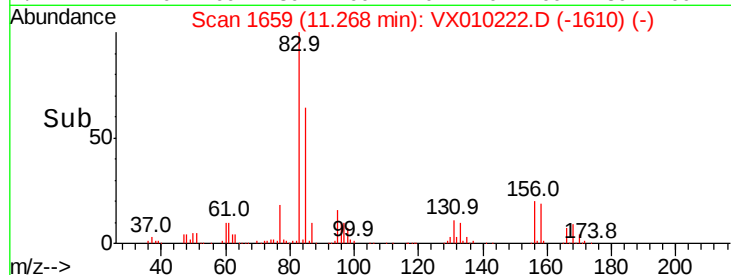
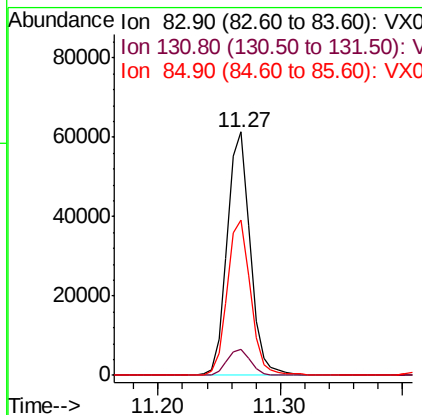
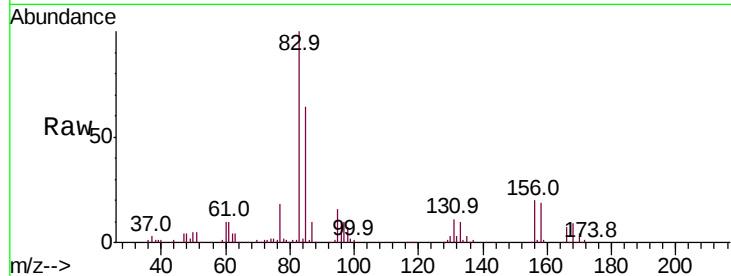
ClientSampleId :

VX0611WBS01

Tot Ion:	83	Resp:	79490
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	64.8	31.9	95.9

Manual Integrations
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MMDadoda
6/12/2019 9:21:37 AM



#76

1,2,3-Trichloropropane

Concen: 17.836 ug/l m

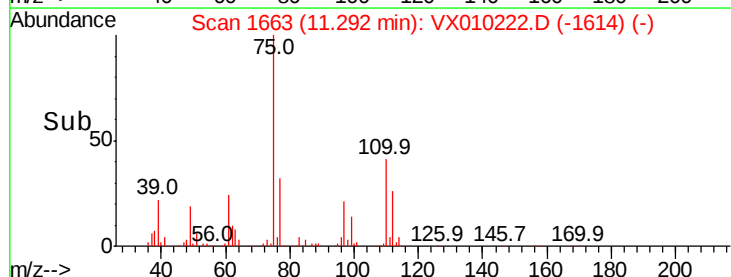
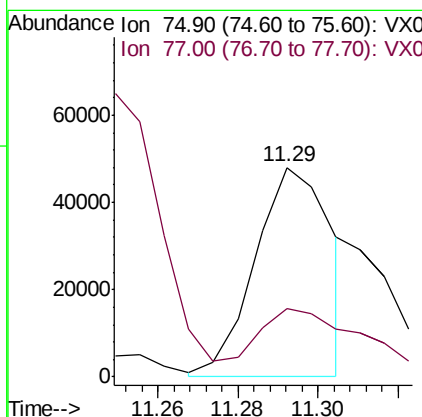
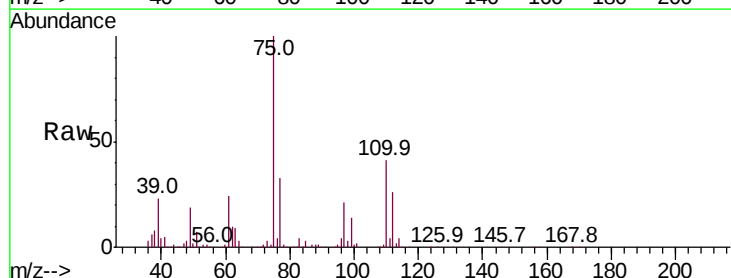
RT: 11.29 min Scan# 1663

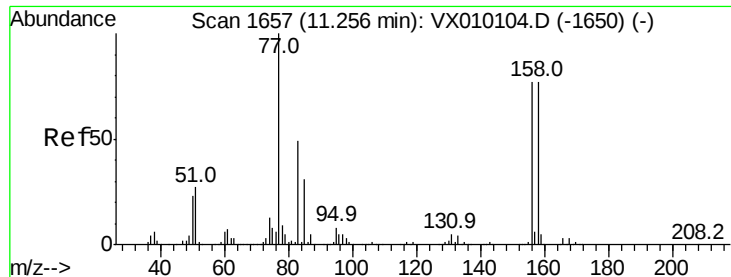
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	75	Resp:	63702
Ion	Ratio	Lower	Upper
75	100		
77	46.0	22.1	66.1





#77

Bromobenzene

Concen: 19.112 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:156 Resp: 65511

Ion Ratio Lower Upper

156 100

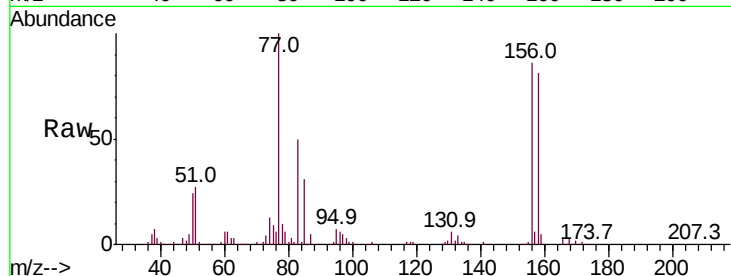
77 128.9 86.8 260.3

158 96.2 49.6 148.8

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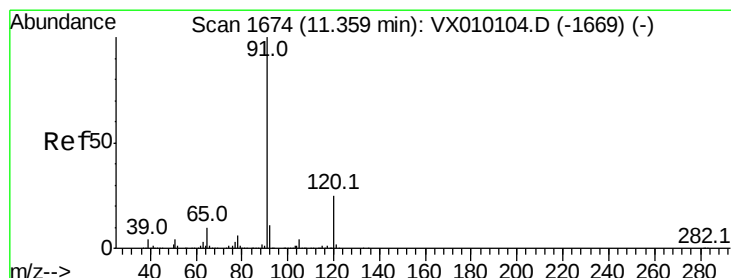
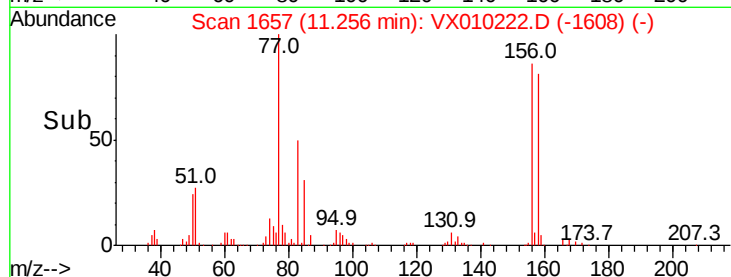
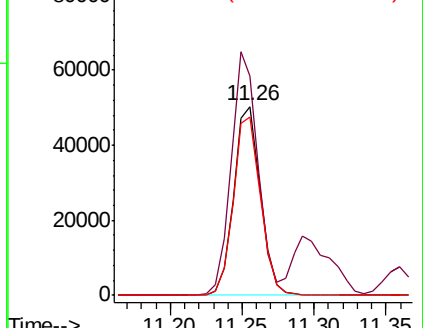
6/12/2019 9:21:37 AM



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: 18.500 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010222.D

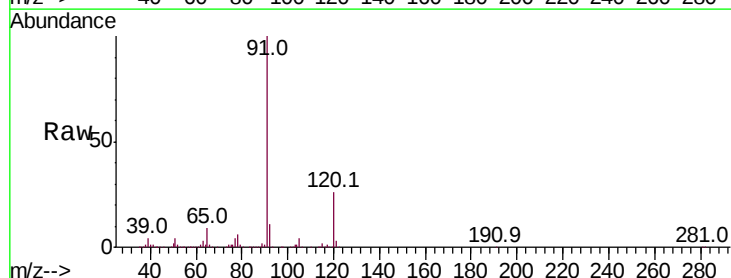
Acq: 11 Jun 2019 11:11

Tgt Ion: 91 Resp: 256724

Ion Ratio Lower Upper

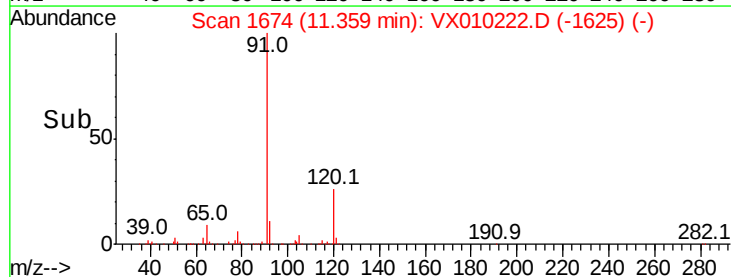
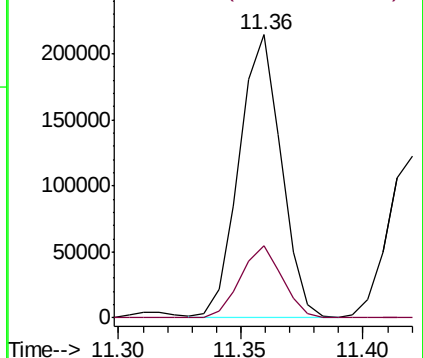
91 100

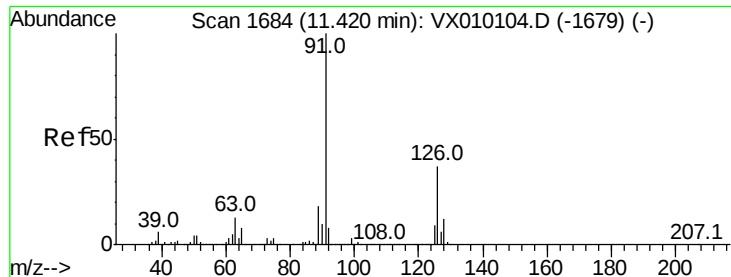
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 91 Resp: 151509

Ion Ratio Lower Upper

91 100

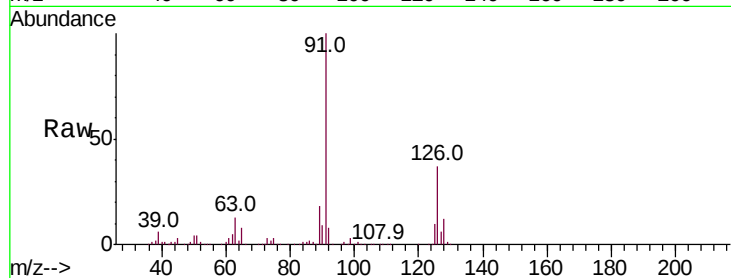
126 37.6 16.1 48.3

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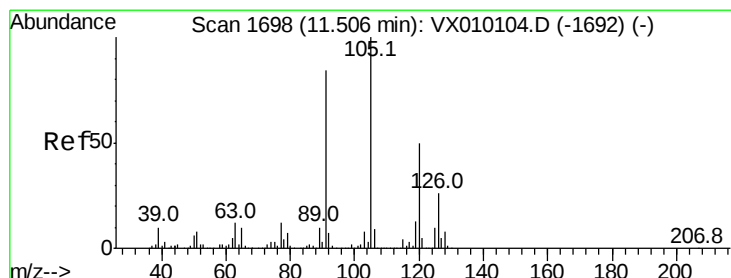
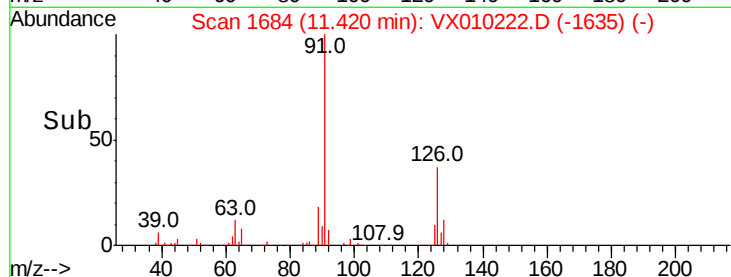
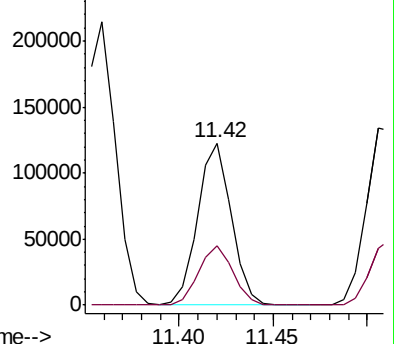
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6/12/2019 9:21:37 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.644 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010222.D

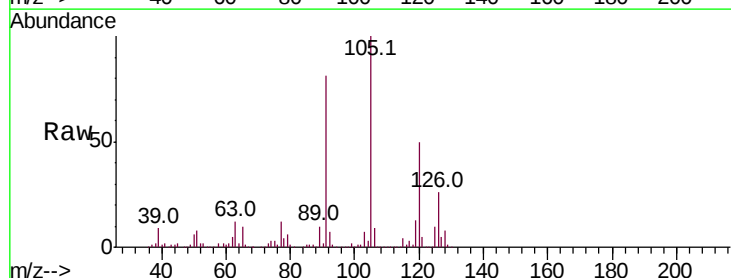
Acq: 11 Jun 2019 11:11

Tgt Ion:105 Resp: 195734

Ion Ratio Lower Upper

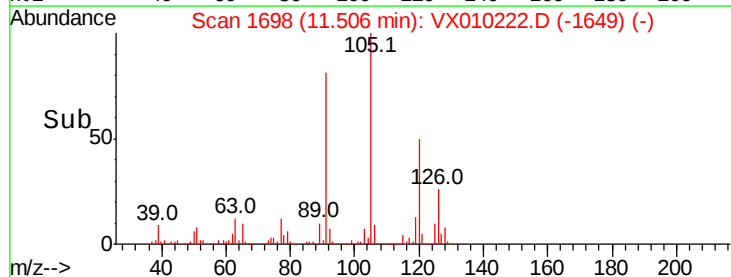
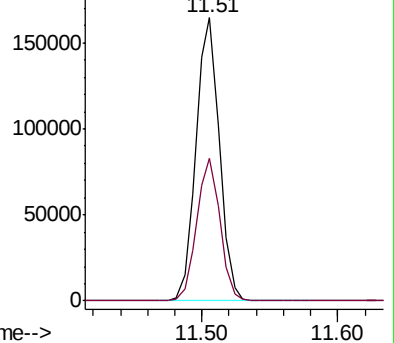
105 100

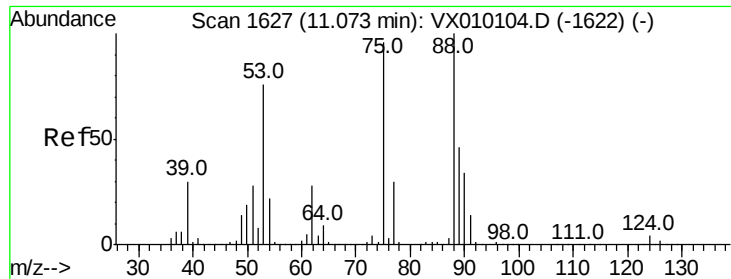
120 50.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





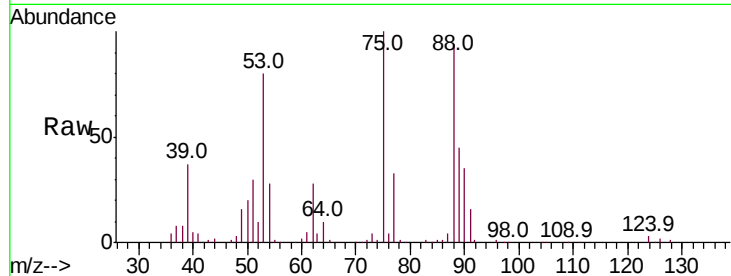
#81
trans-1,4-Dichloro-2-butene
Concen: 16.755 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.1	79.8	119.6
89	46.4	34.2	51.4

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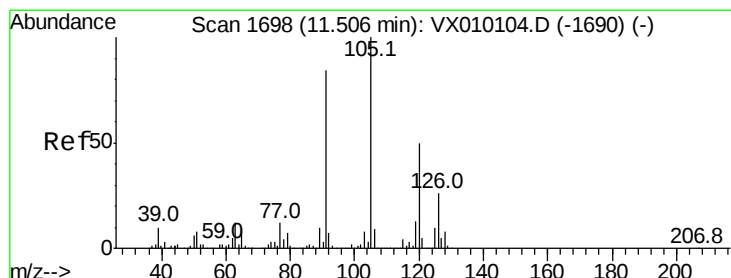
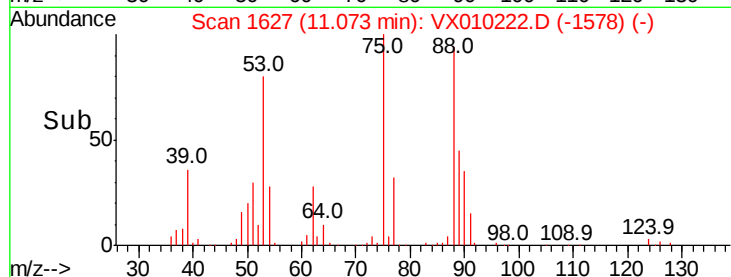
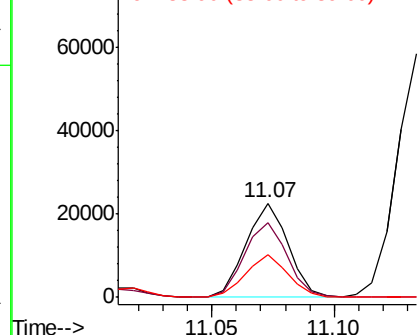


Abundance

Ion 74.90 (74.60 to 75.60): VX0

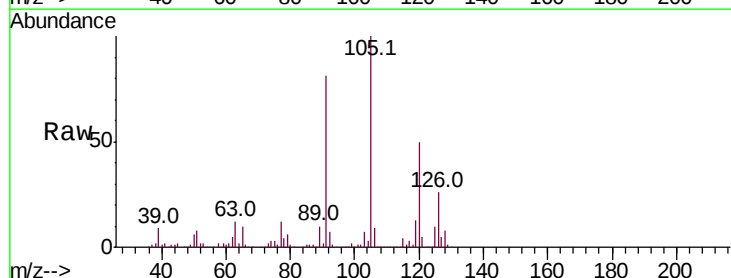
Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82
4-Chlorotoluene
Concen: 18.353 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

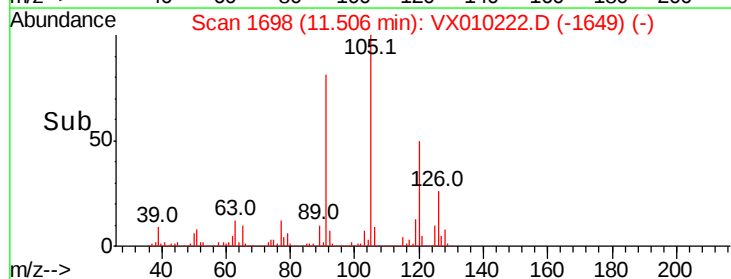
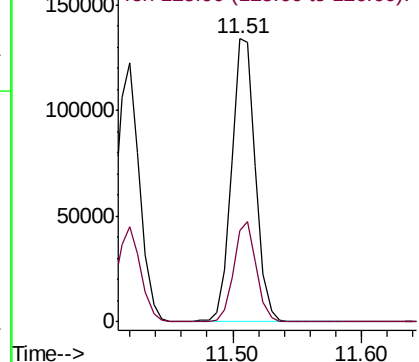
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	14.2	42.6

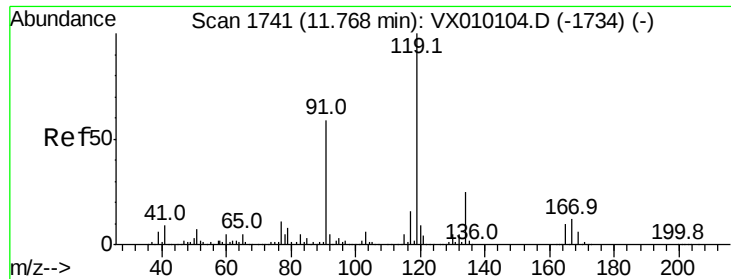


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





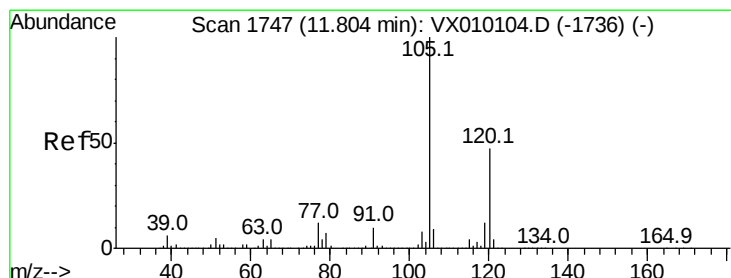
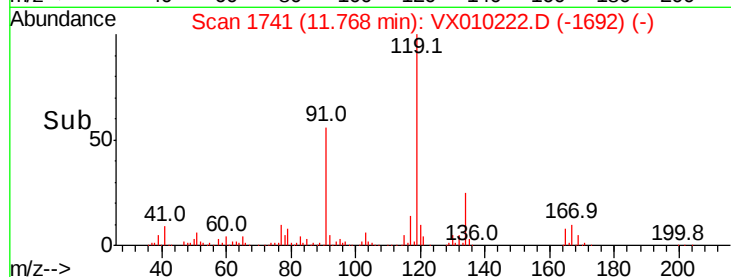
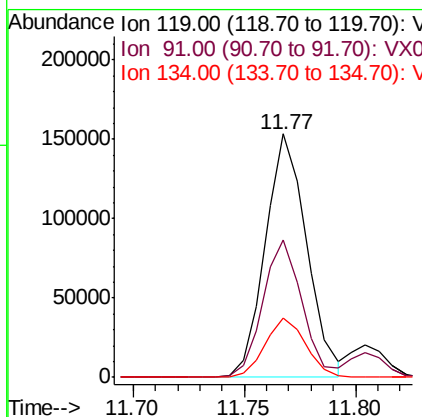
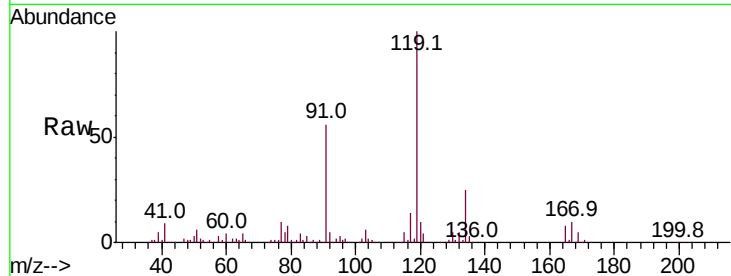
#83
tert-Butylbenzene
Concen: 18.645 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	198127		
91	53.7	30.0	90.0	
134	23.8	11.2	33.5	

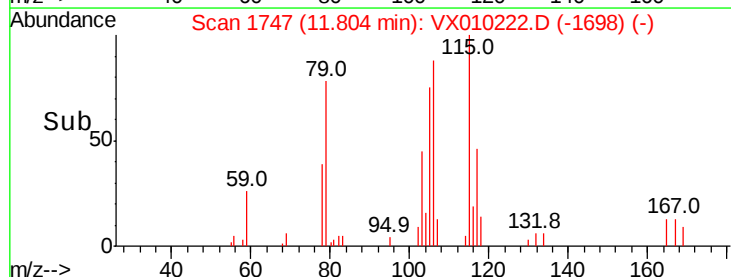
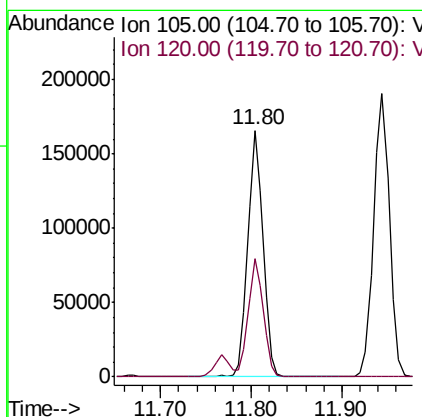
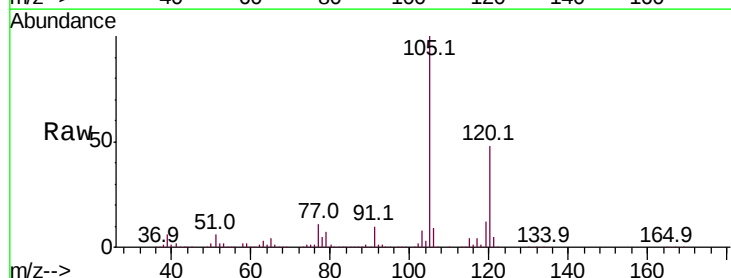
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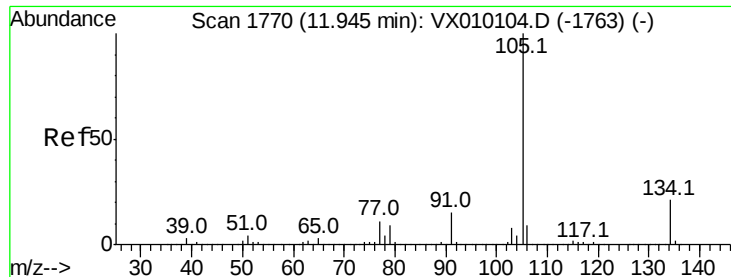
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#84
1,2,4-Trimethylbenzene
Concen: 18.411 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195238		
120	47.6	22.1	66.1	





#85

sec-Butylbenzene

Concen: 18.608 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:105 Resp: 230359

Ion Ratio Lower Upper

105 100

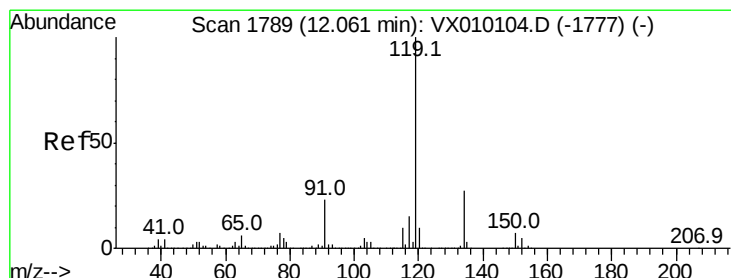
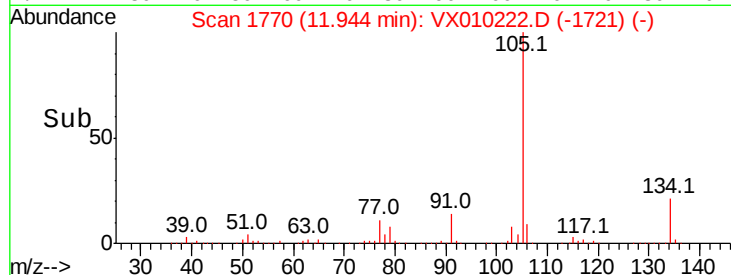
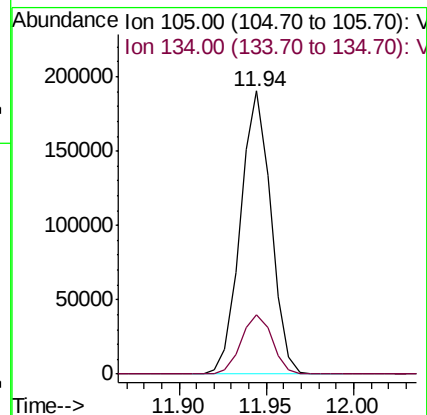
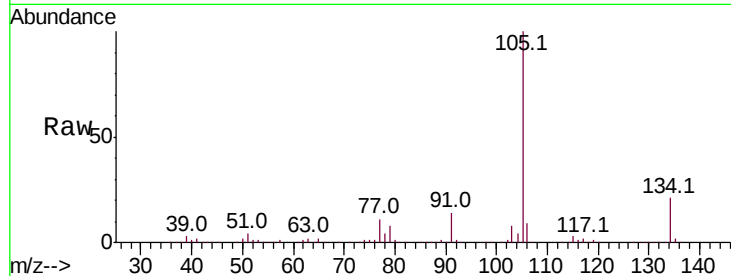
134 21.4 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 18.874 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

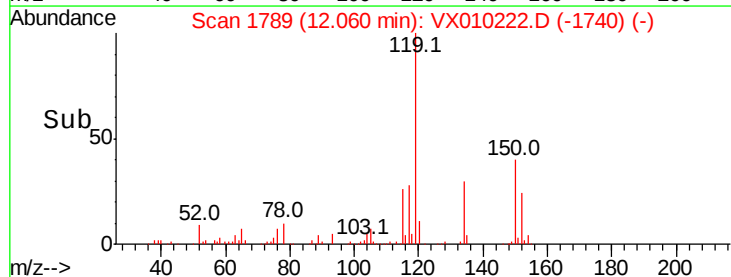
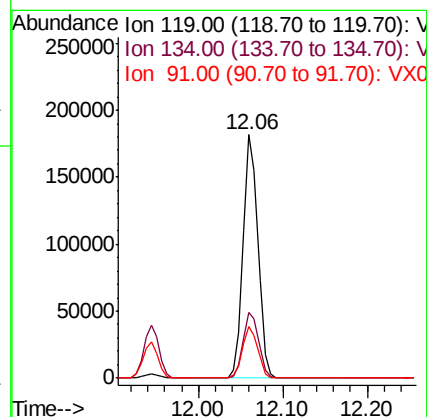
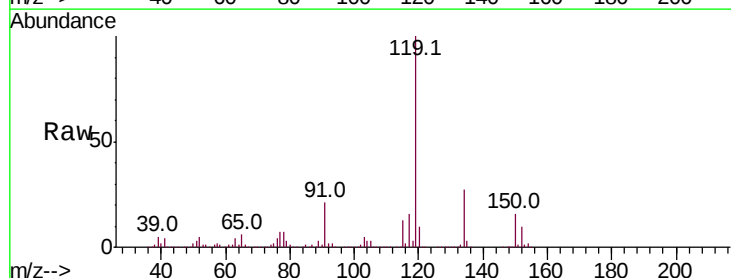
Tgt Ion:119 Resp: 213608

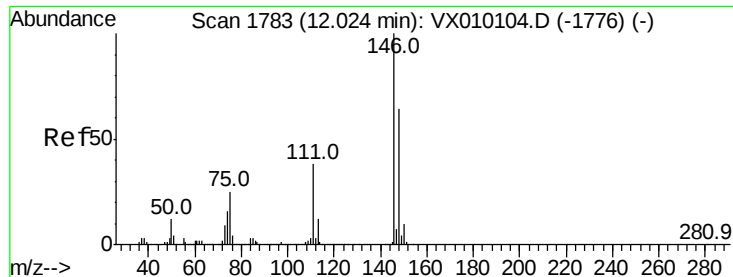
Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 21.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 19.034 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

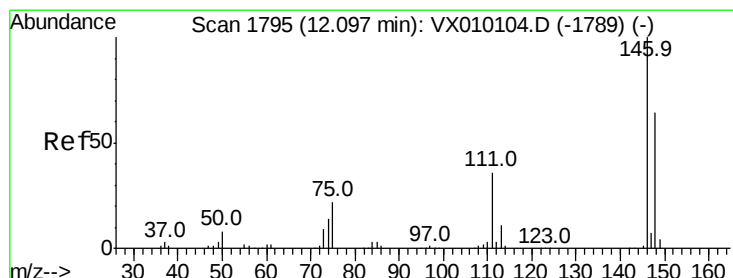
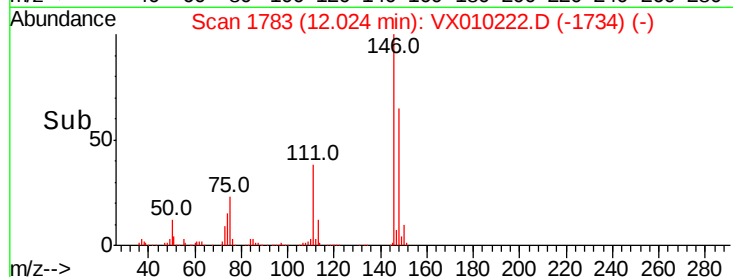
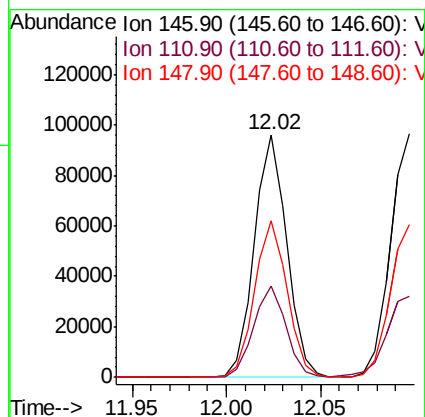
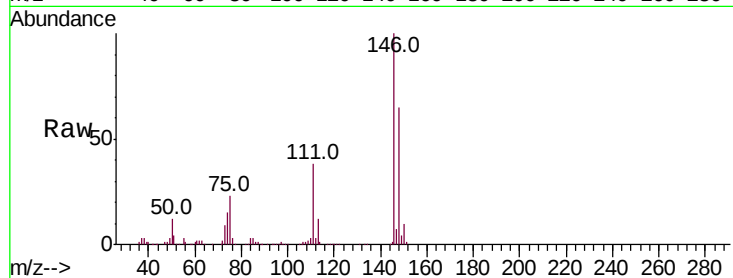
ClientSampleId :

VX0611WBS01

Tot Ion:	146	Resp:	114921
Ion Ratio	Lower	Upper	
146	100		
111	37.5	20.1	60.2
148	64.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 18.956 ug/l

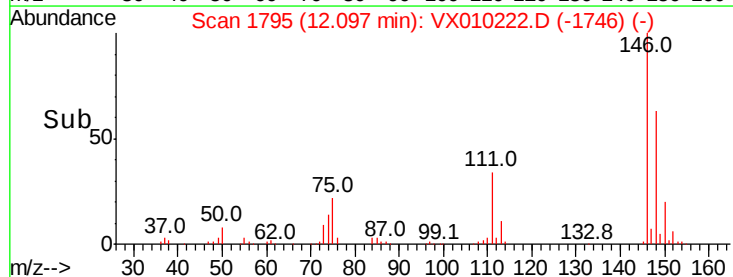
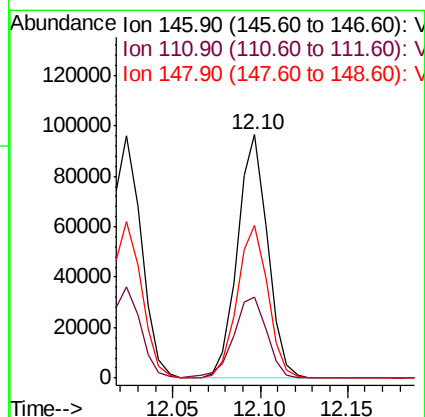
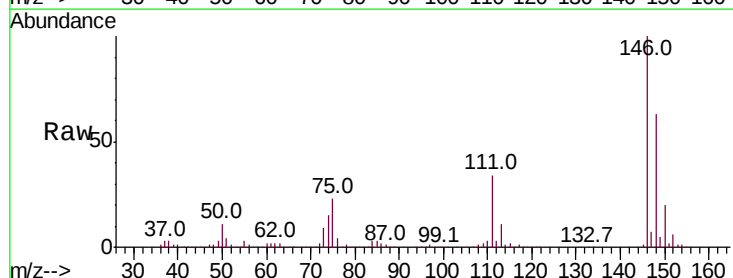
RT: 12.10 min Scan# 1795

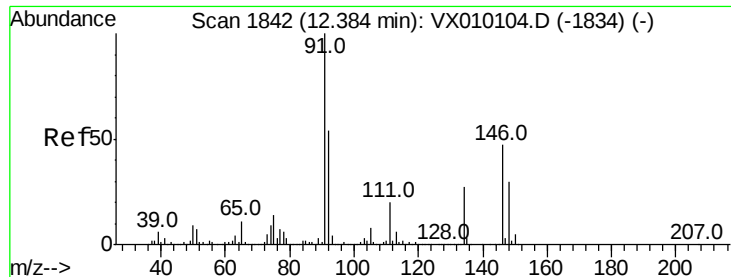
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	146	Resp:	115374
Ion Ratio	Lower	Upper	
146	100		
111	37.1	20.0	59.9
148	64.2	32.3	96.9





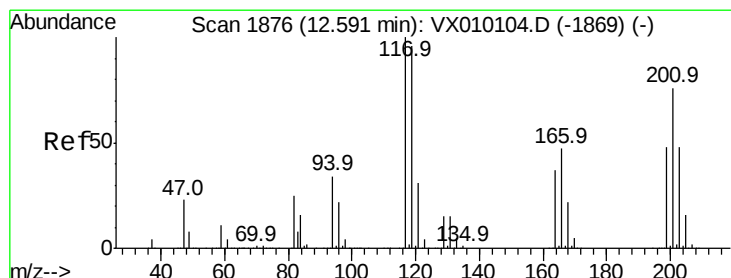
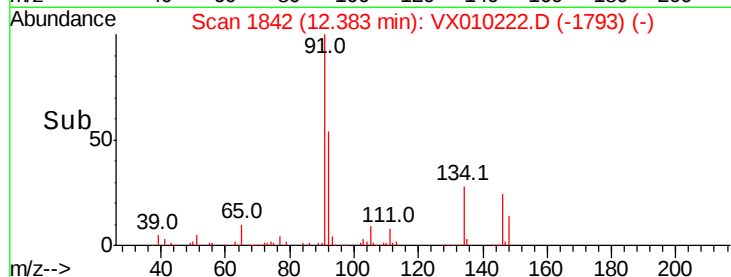
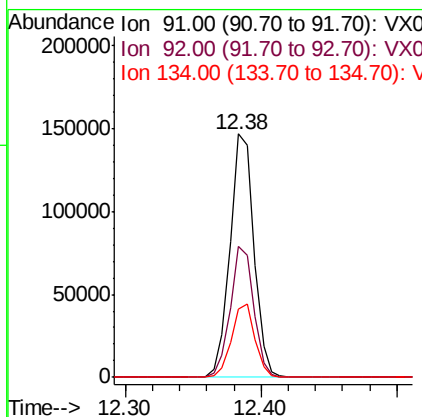
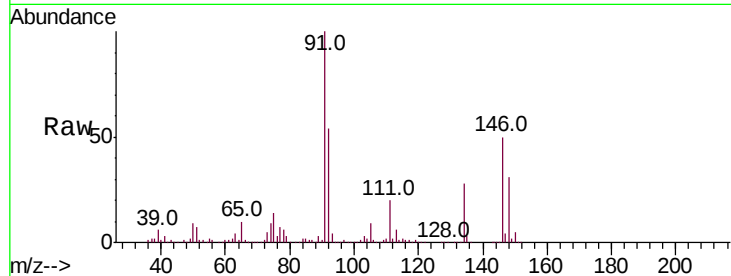
#89
n-Butylbenzene
Concen: 18.473 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.8
134	29.4	12.3	36.8

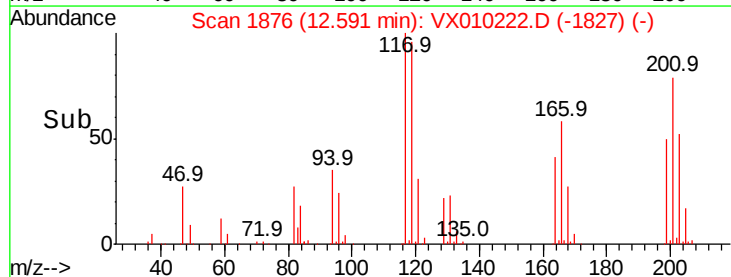
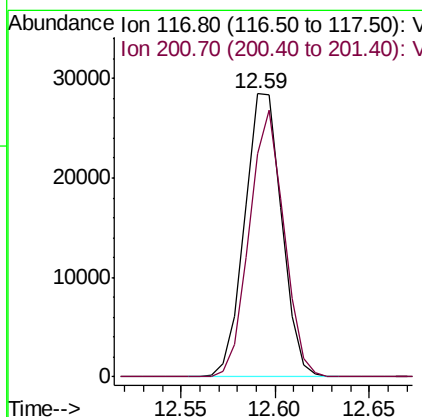
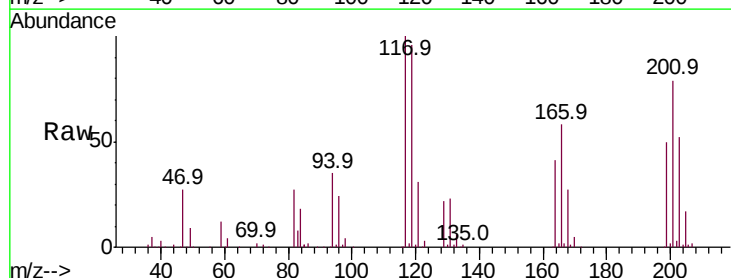
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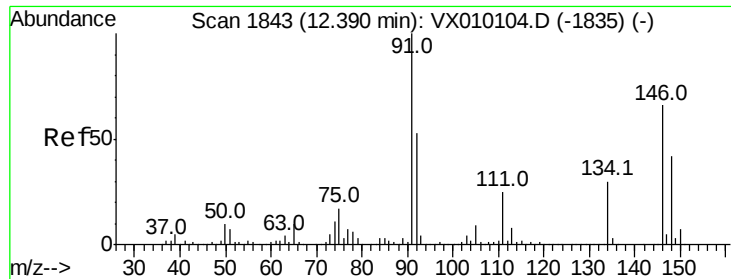
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#90
Hexachloroethane
Concen: 17.250 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010222.D
Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 19.778 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

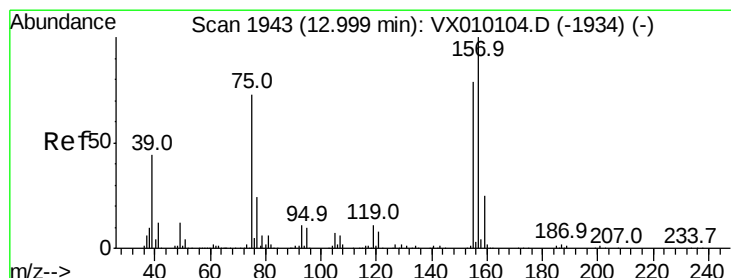
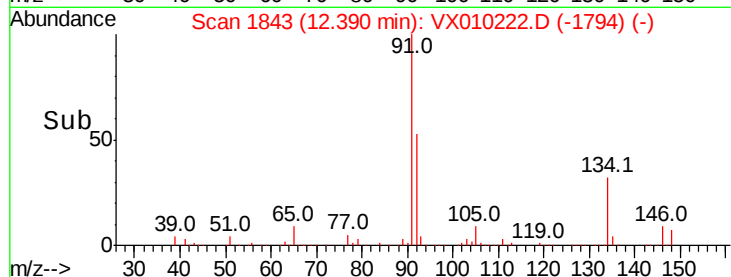
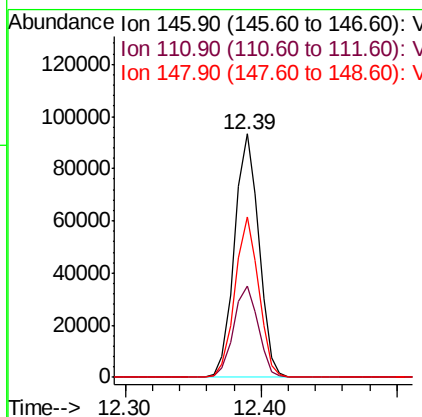
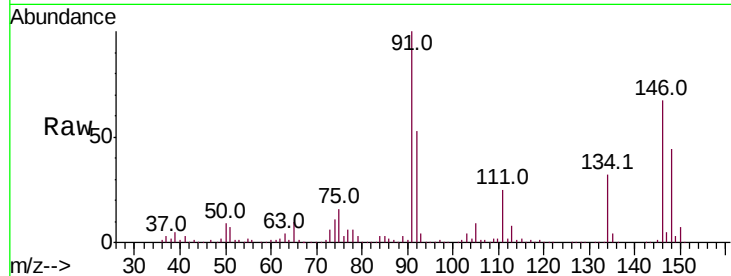
ClientSampleId :

VX0611WBS01

Tot Ion:	146	Resp:	116090
Ion Ratio	Lower	Upper	
146	100		
111	37.9	21.1	63.1
148	64.1	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.618 ug/l

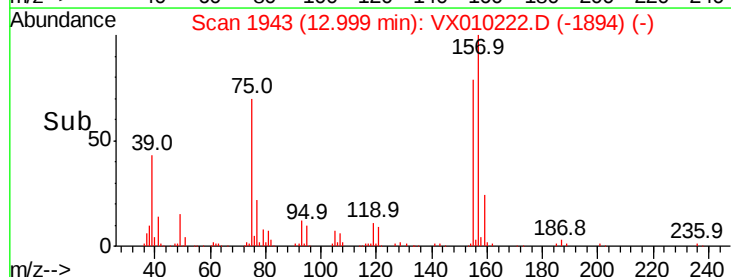
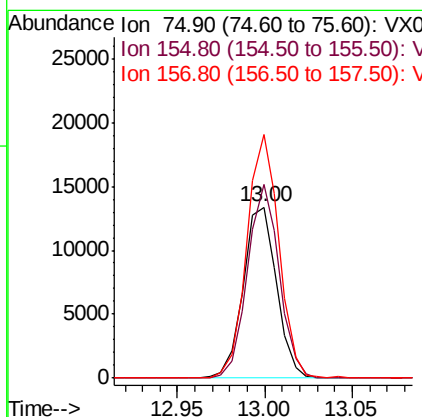
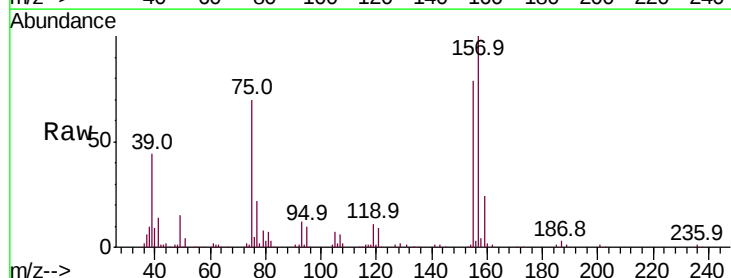
RT: 13.00 min Scan# 1943

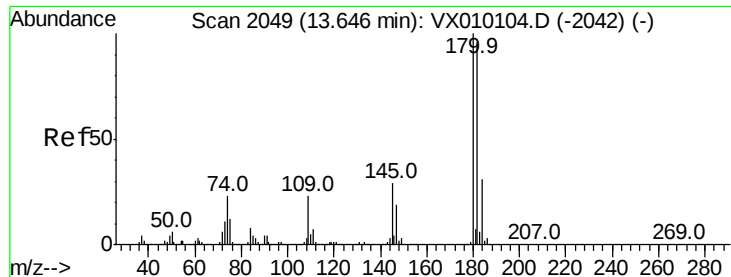
Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	75	Resp:	17689
Ion Ratio	Lower	Upper	
75	100		
155	108.0	39.3	117.8
157	137.2	50.6	151.8





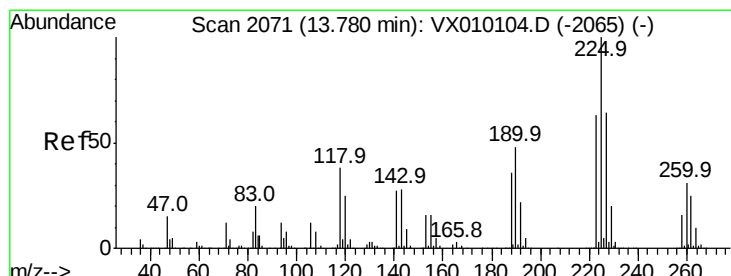
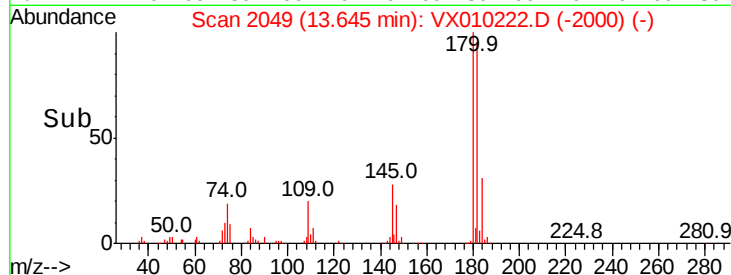
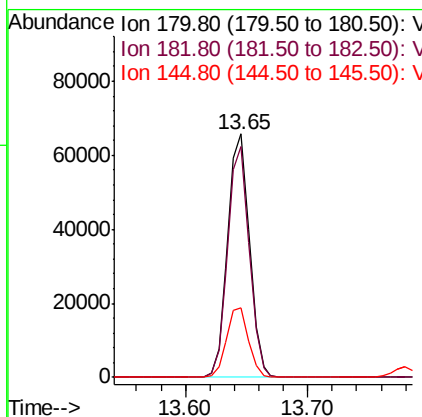
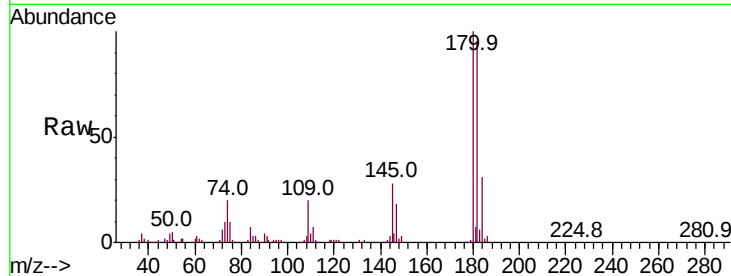
#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.9	47.4	142.2	
145	28.9	14.5	43.5	

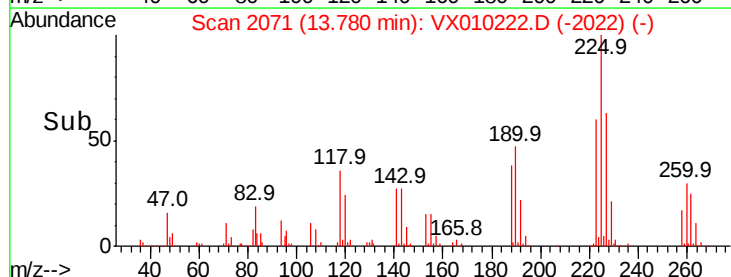
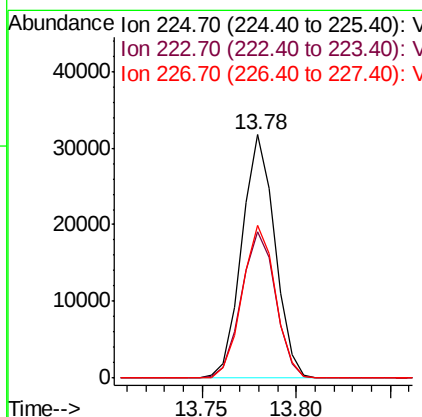
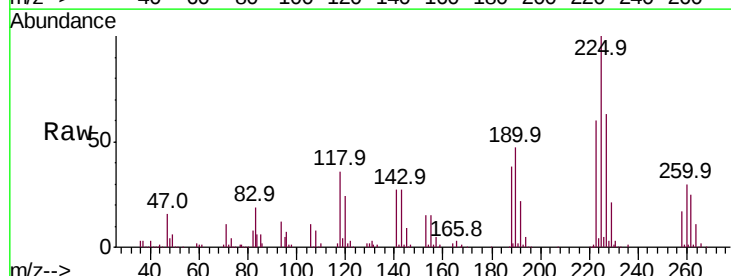
Manual Integrations
 APPROVED

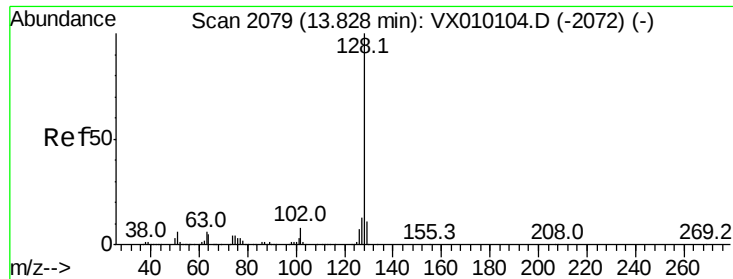
MMDadoda
 6/12/2019 9:21:37 AM



#94
 Hexachlorobutadiene
 Concen: 20.214 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010222.D
 Acq: 11 Jun 2019 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	31.3	93.8	
227	63.0	32.3	96.8	





#95

Naphthalene

Concen: 18.872 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Instrument :

MSVOA_X

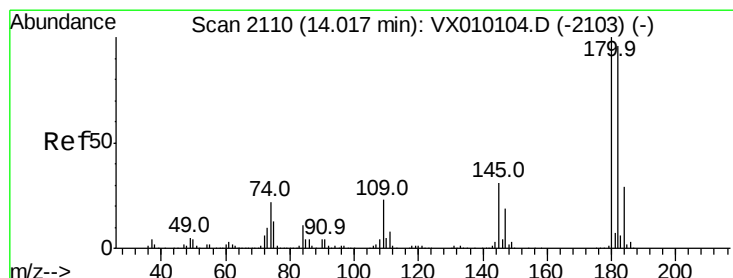
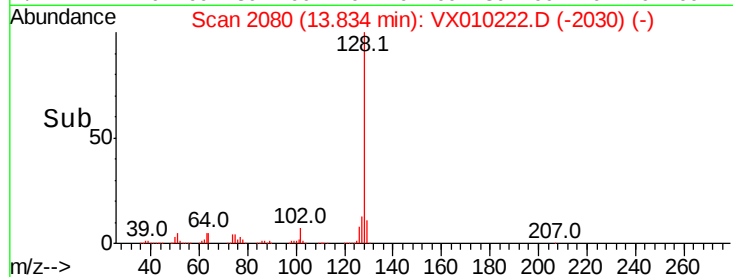
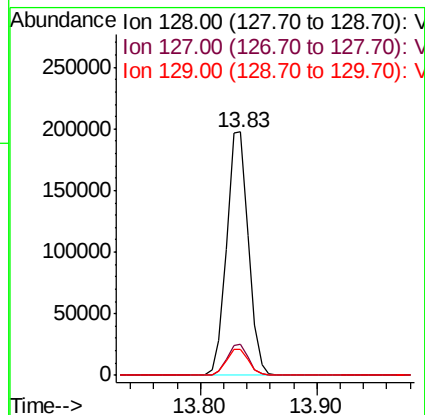
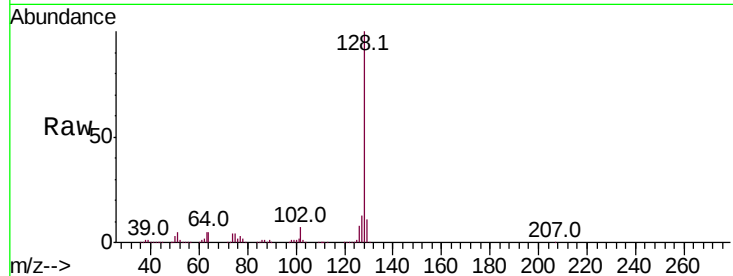
ClientSampleId :

VX0611WBS01

Tot Ion:	128	Resp:	255253
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/12/2019 9:21:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010222.D

Acq: 11 Jun 2019 11:11

Tgt Ion:	180	Resp:	80321
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.3	142.0
145	30.6	15.6	46.7

