

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010353.D
 Acq On : 20 Jun 2019 12:11
 Operator : JC/SP
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:34:59 AM

Quant Time: Jun 21 01:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	308410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	446514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	404660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136856	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	135421	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	517359	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	185676	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40814	19.035	ug/l	98
3) Chloromethane	1.32	50	47149	18.884	ug/l	96
4) Vinyl Chloride	1.41	62	49538	18.115	ug/l	99
5) Bromomethane	1.64	94	29535	22.169	ug/l	98
6) Chloroethane	1.72	64	29928	18.550	ug/l	95
7) Trichlorofluoromethane	1.93	101	83819	19.335	ug/l	94
8) Diethyl Ether	2.18	74	30181	19.414	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50516	19.229	ug/l	99
10) Methyl Iodide	2.51	142	61786	16.480	ug/l	100
11) Tert butyl alcohol	3.04	59	66626	88.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50679	18.958	ug/l	97
13) Acrolein	2.29	56	38242	76.188	ug/l	100
14) Allyl chloride	2.73	41	72247	19.036	ug/l	100
15) Acrylonitrile	3.14	53	137889	92.044	ug/l	100
16) Acetone	2.44	43	132584	91.487	ug/l	99
17) Carbon Disulfide	2.57	76	132324	18.450	ug/l	100
18) Methyl Acetate	2.77	43	52985	18.344	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	159043	18.912	ug/l	99
20) Methylene Chloride	2.85	84	55298	18.542	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53474	18.599	ug/l	99
22) Diisopropyl ether	3.85	45	148352	18.696	ug/l	96
23) Vinyl Acetate	3.81	43	655221	95.584	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86563	18.873	ug/l	99
25) 2-Butanone	4.67	43	194969	91.715	ug/l	99
26) 2,2-Dichloropropane	4.57	77	76297	19.149	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	62262	18.740	ug/l	100
28) Bromochloromethane	5.01	49	35356	16.122	ug/l	100
29) Tetrahydrofuran	5.12	42	116826	88.724	ug/l	97
30) Chloroform	5.21	83	92657	18.775	ug/l	97
31) Cyclohexane	5.57	56	81727	19.567	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	81945	18.805	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68248	19.234	ug/l	99
37) Ethyl Acetate	4.82	43	68831	18.856	ug/l	98
38) Carbon Tetrachloride	5.78	117	74033	19.268	ug/l	96

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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	92102	19.747	ug/l	100
40) Benzene	6.14	78	216527	19.587	ug/l	98
41) Methacrylonitrile	5.04	41	37068	18.508	ug/l	97
42) 1,2-Dichloroethane	6.18	62	66160	19.661	ug/l	99
43) Isopropyl Acetate	6.44	43	115204	19.076	ug/l	99
44) Trichloroethene	7.21	130	64714	19.564	ug/l	96
45) 1,2-Dichloropropane	7.51	63	53221	19.065	ug/l	99
46) Dibromomethane	7.66	93	38738	19.341	ug/l	99
47) Bromodichloromethane	7.89	83	71364	19.442	ug/l	99
48) Methyl methacrylate	7.76	41	53541	19.073	ug/l	99
49) 1,4-Dioxane	7.74	88	31503	389.564	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	366339	94.844	ug/l	100
52) Toluene	8.78	92	141972	19.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	79469	19.311	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86183	19.272	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58324	19.426	ug/l	100
56) Ethyl methacrylate	9.18	69	86333	18.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90216	19.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	200904	93.010	ug/l	100
59) 2-Hexanone	9.49	43	287925	94.714	ug/l	99
60) Dibromochloromethane	9.58	129	63589	18.916	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62072	19.154	ug/l	99
64) Tetrachloroethene	9.34	164	66604	20.350	ug/l	93
65) Chlorobenzene	10.13	112	161625	19.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	58551	19.566	ug/l	97
67) Ethyl Benzene	10.25	91	271857	19.601	ug/l	100
68) m/p-Xylenes	10.35	106	212839	39.605	ug/l	100
69) o-Xylene	10.69	106	102544	19.403	ug/l	99
70) Styrene	10.71	104	173075	19.528	ug/l	99
71) Bromoform	10.85	173	50285	19.323	ug/l #	98
73) Isopropylbenzene	11.02	105	275598	19.455	ug/l	99
74) N-amyl acetate	10.90	43	101661	18.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	87318	18.612	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74135m	19.467	ug/l	
77) Bromobenzene	11.25	156	74432	18.817	ug/l	99
78) n-propylbenzene	11.36	91	305120	19.597	ug/l	100
79) 2-Chlorotoluene	11.42	91	178274	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227680	19.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30071	18.422	ug/l	97
82) 4-Chlorotoluene	11.51	91	202066	19.154	ug/l	97
83) tert-Butylbenzene	11.77	119	228621	19.505	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	228605	19.484	ug/l	98
85) sec-Butylbenzene	11.94	105	269753	19.601	ug/l	100
86) p-Isopropyltoluene	12.06	119	250072	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	134651	19.501	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134015	19.065	ug/l	99
89) n-Butylbenzene	12.38	91	211841	19.584	ug/l	100
90) Hexachloroethane	12.59	117	42651	19.377	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	132221	19.267	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17441	17.243	ug/l	99

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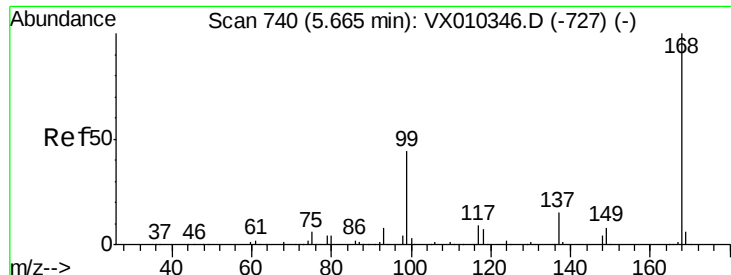
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93325	19.610	ug/l	99
94) Hexachlorobutadiene	13.78	225	46296	19.905	ug/l	99
95) Naphthalene	13.83	128	279785	19.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92619	19.574	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:168 Resp: 308410

Ion Ratio Lower Upper

168 100

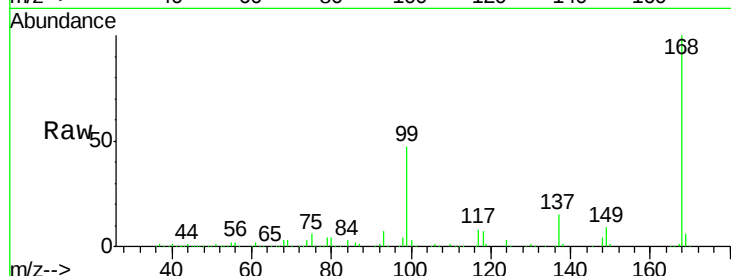
99 46.5 35.5 53.3

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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

120000

100000

80000

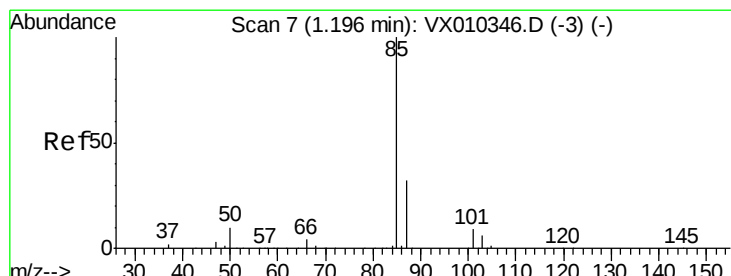
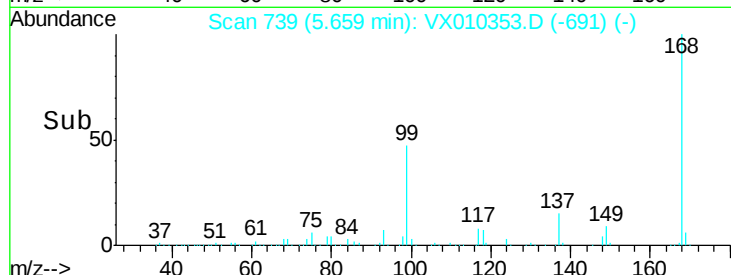
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.035 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010353.D

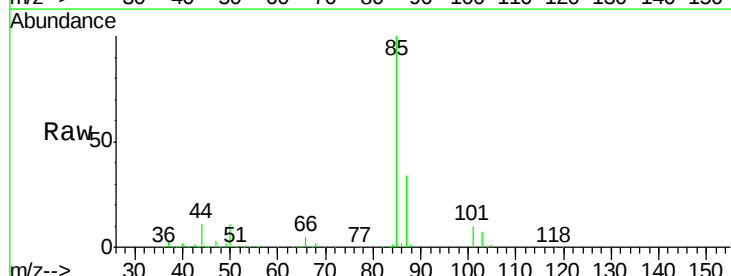
Acq: 20 Jun 2019 12:11

Tgt Ion: 85 Resp: 40814

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

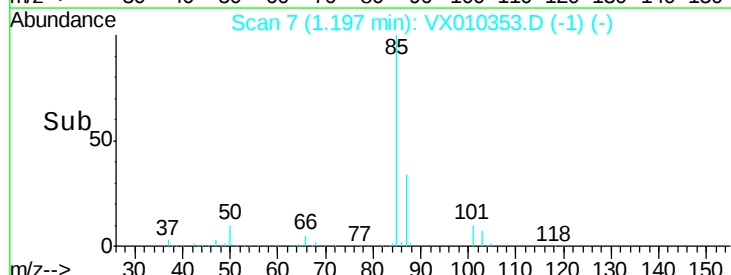
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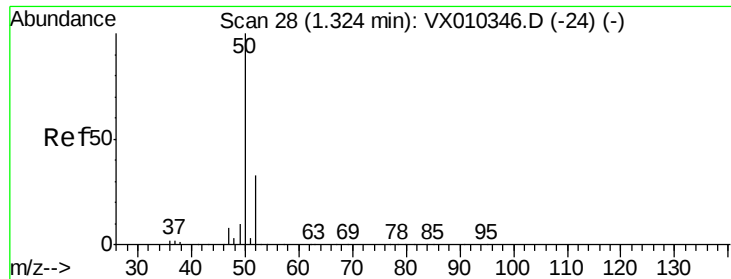
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.884 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 50 Resp: 47149

Ion Ratio Lower Upper

50 100

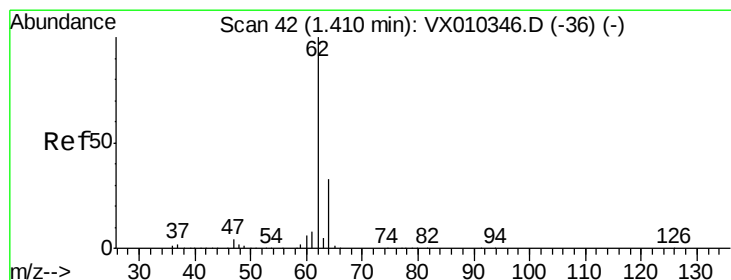
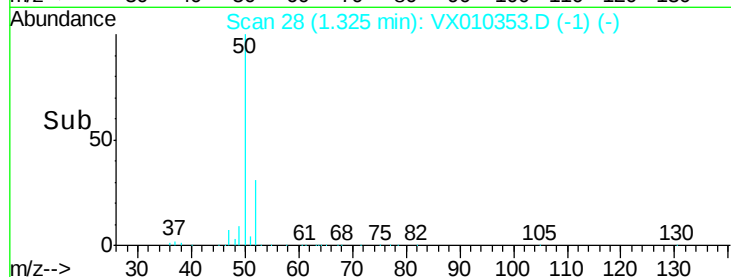
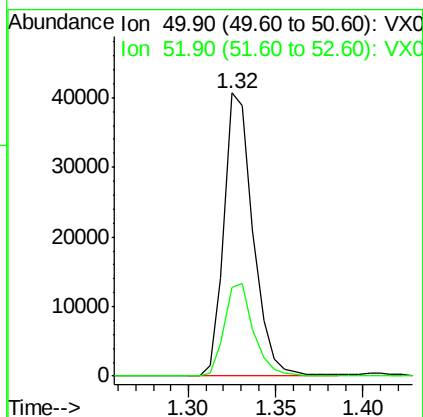
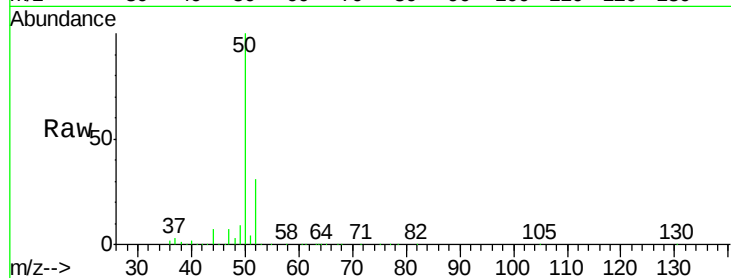
52 31.0 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.115 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010353.D

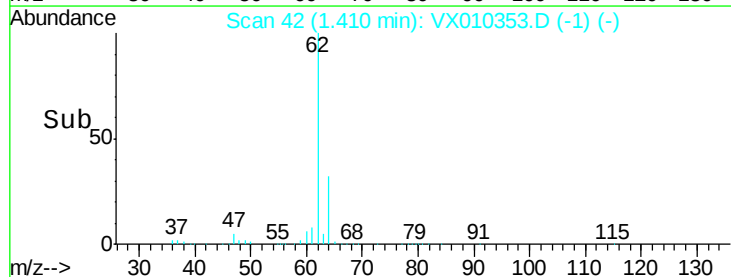
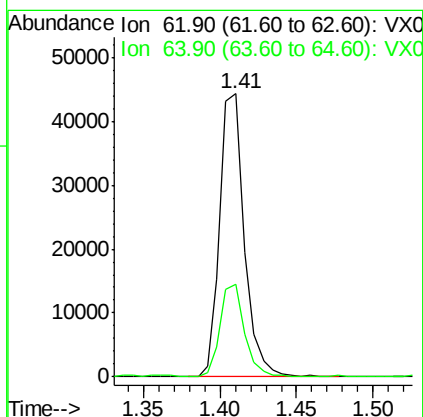
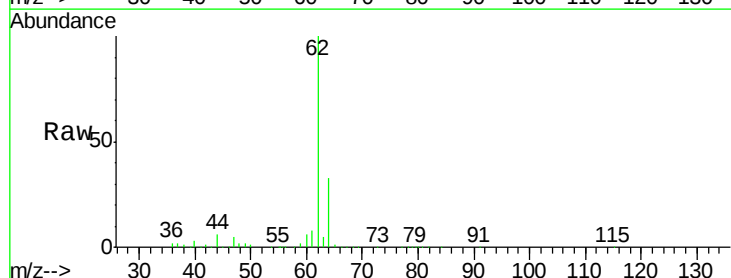
Acq: 20 Jun 2019 12:11

Tgt Ion: 62 Resp: 49538

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.4





#5

Bromomethane

Concen: 22.169 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 94 Resp: 29535

Ion Ratio Lower Upper

94 100

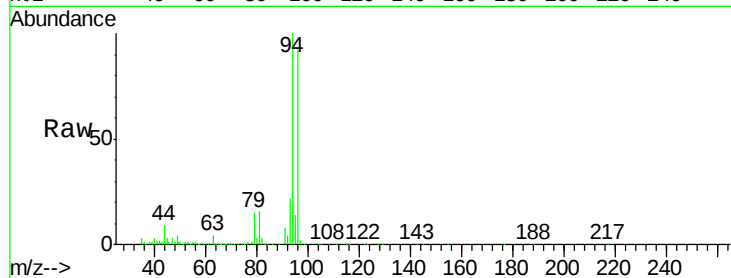
96 92.2 75.5 113.3

Manual Integrations

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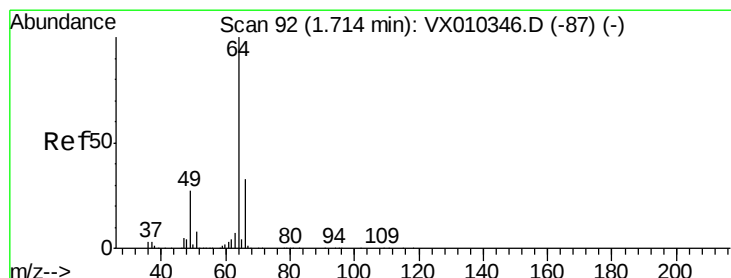
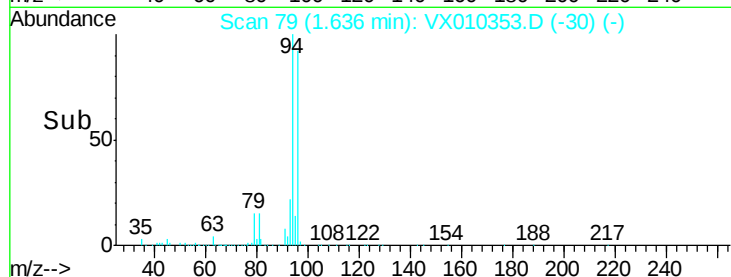
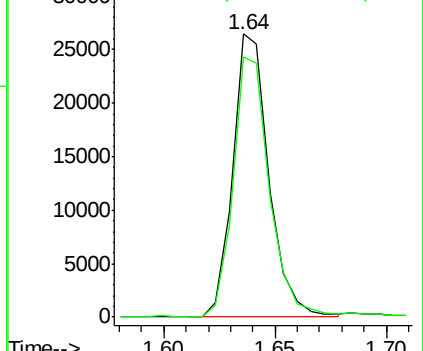
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.550 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010353.D

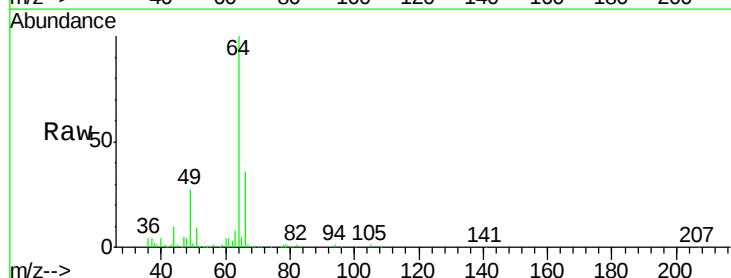
Acq: 20 Jun 2019 12:11

Tgt Ion: 64 Resp: 29928

Ion Ratio Lower Upper

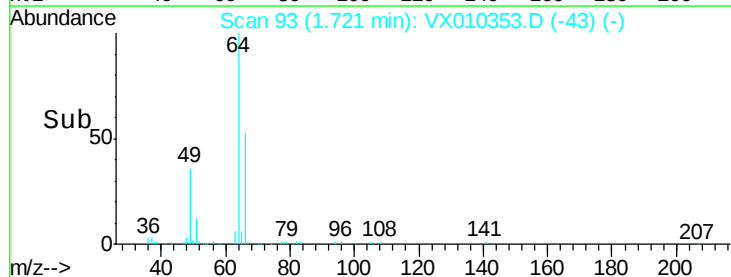
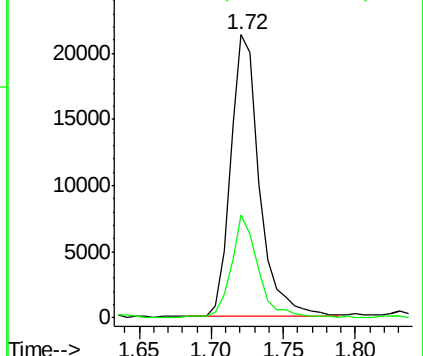
64 100

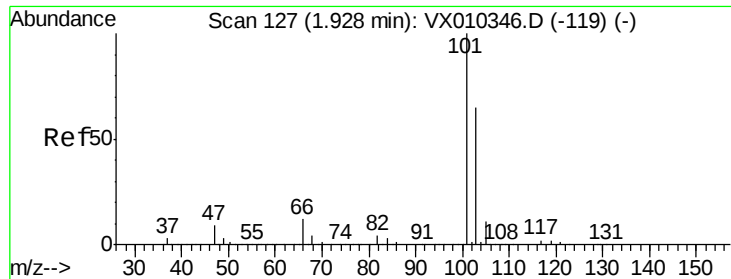
66 36.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

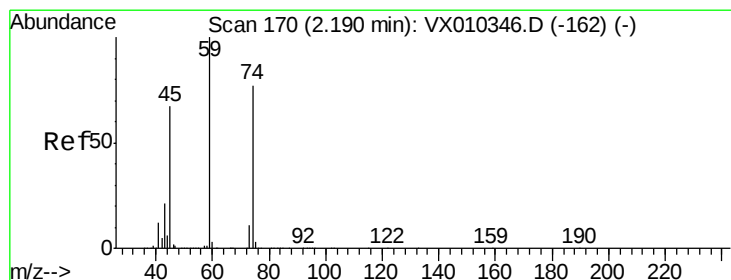
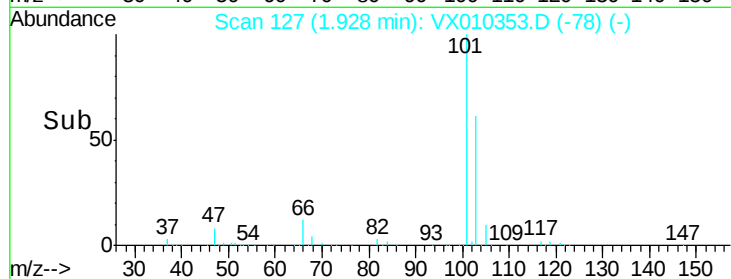
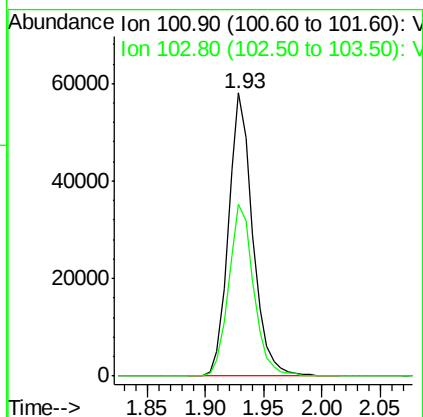
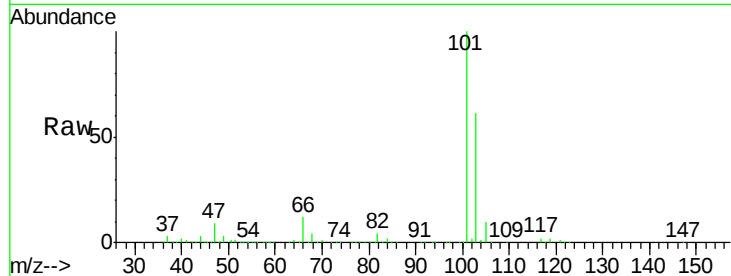
Trichlorofluoromethane
Concen: 19.335 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
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ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	52.3	78.5

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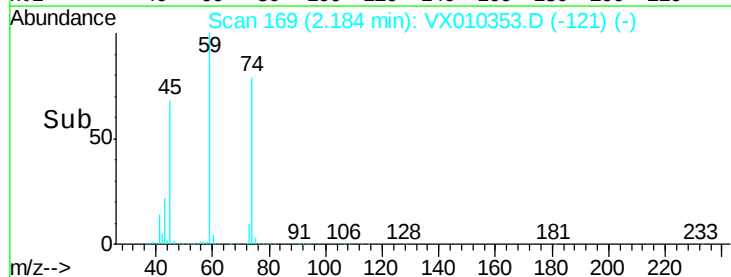
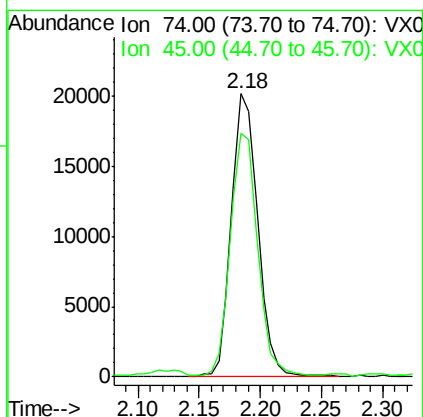
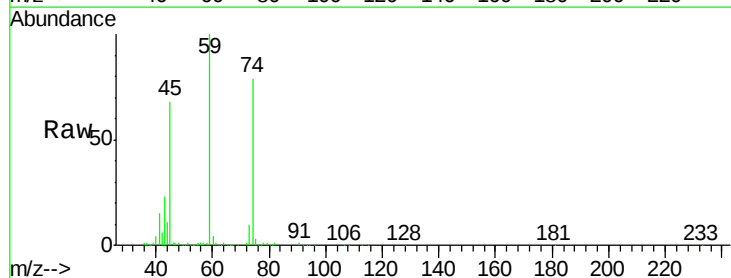
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#8

Diethyl Ether
Concen: 19.414 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.1	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.229 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

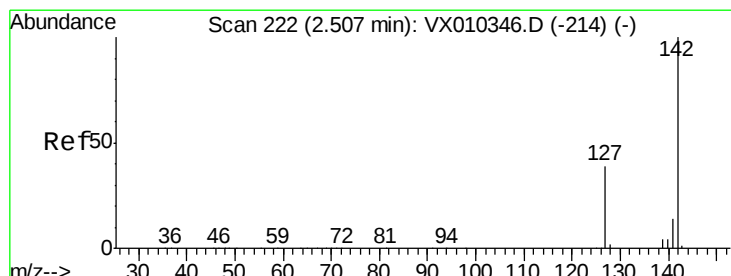
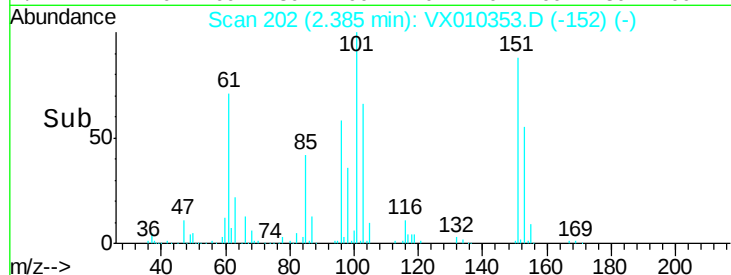
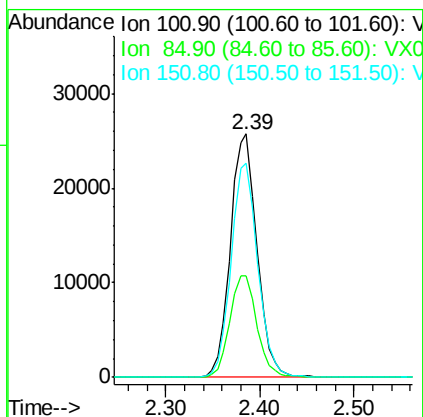
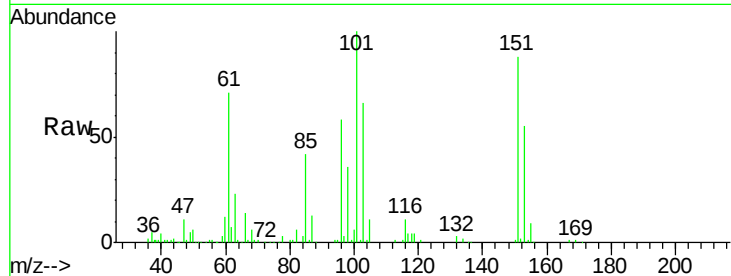
ClientSampleId :

VX0620WBS01

Tot Ion:	101	Resp:	50516
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.7	50.5
151	88.0	70.1	105.1

Manual Integrations
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6/21/2019 11:34:59 AM



#10

Methyl Iodide

Concen: 16.480 ug/l

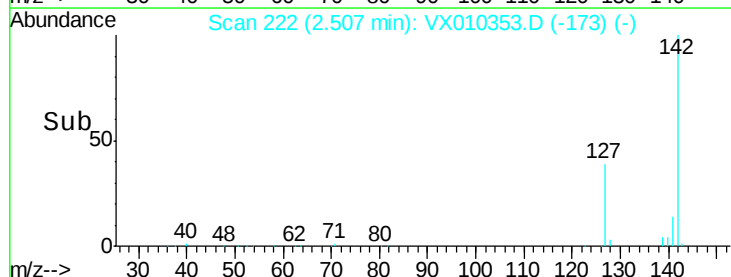
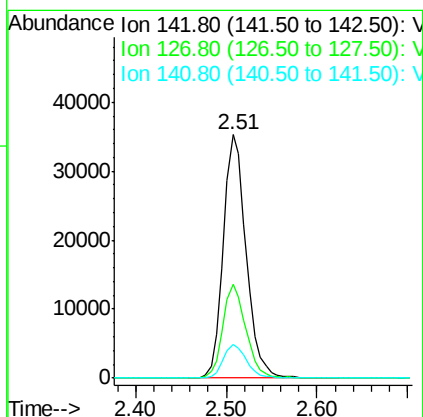
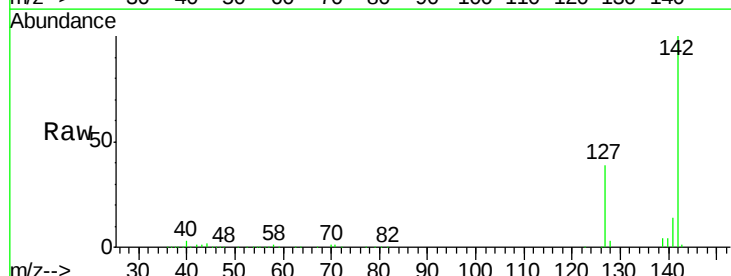
RT: 2.51 min Scan# 222

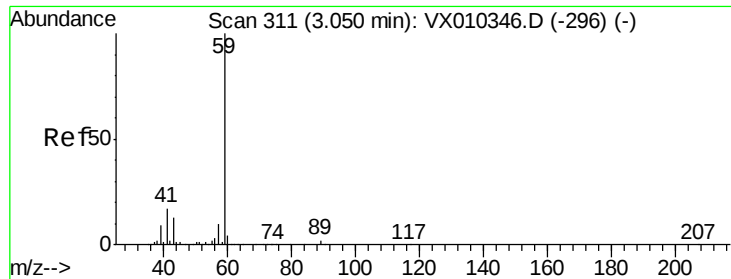
Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	142	Resp:	61786
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.1	46.7
141	14.0	11.2	16.8





#11

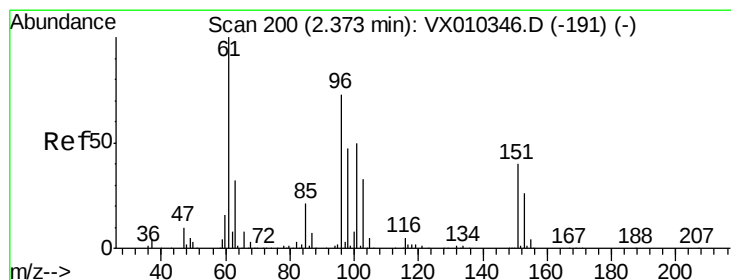
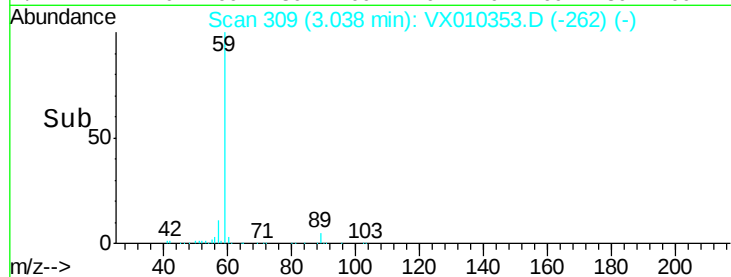
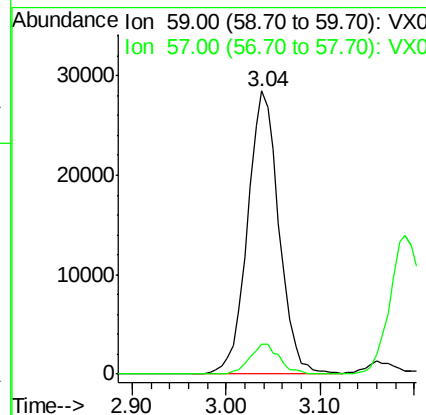
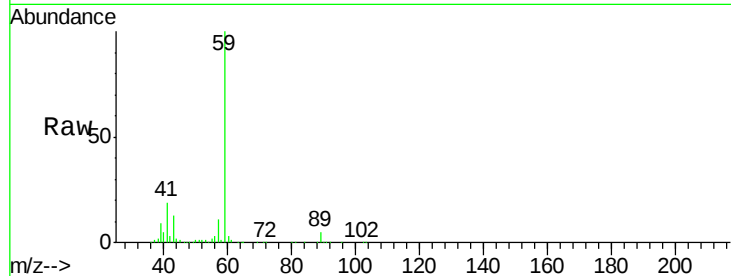
Tert butyl alcohol
Concen: 88.054 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	59	Resp	66626
Ion Ratio	100	Lower	Upper
57	10.3	7.7	11.5

Manual Integrations
APPROVED

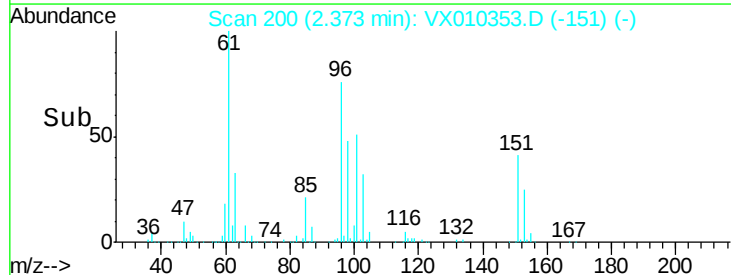
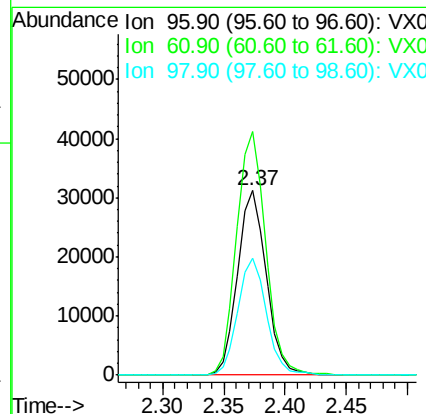
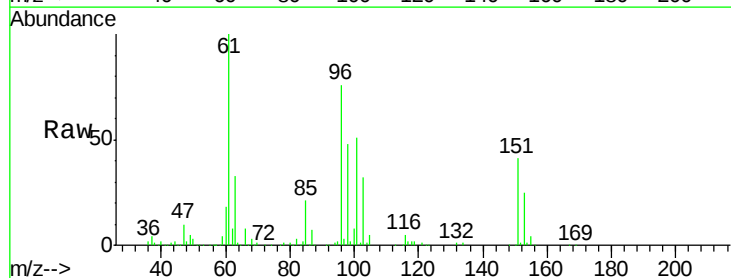
MMDadoda
6/21/2019 11:34:59 AM



#12

1,1-Dichloroethene
Concen: 18.958 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	96	Resp	50679
Ion Ratio	100	Lower	Upper
61	132.0	109.2	163.8
98	63.5	51.1	76.7





#13

Acrolein

Concen: 76.188 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 56 Resp: 38242

Ion Ratio Lower Upper

56 100

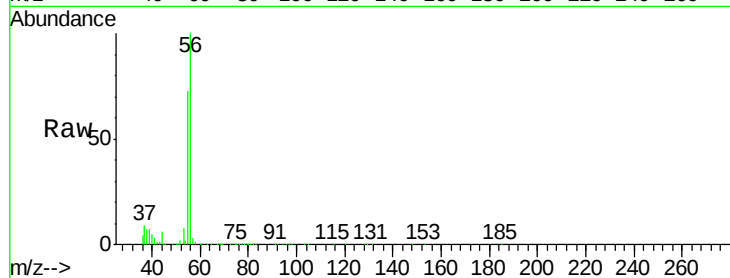
55 70.9 56.9 85.3

Manual Integrations

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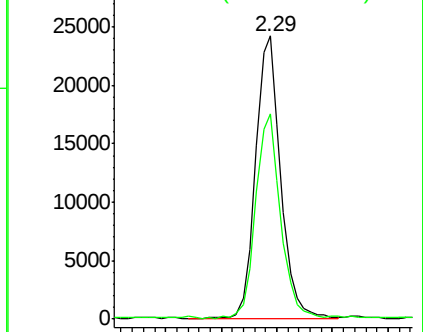
MMDadoda

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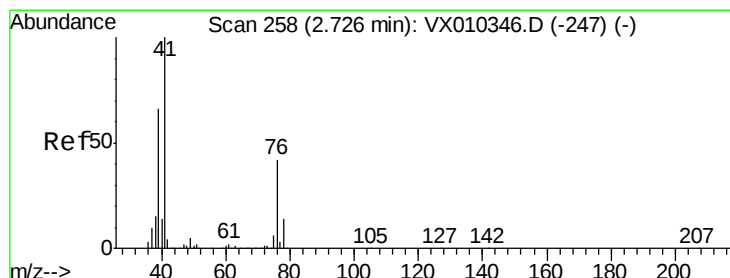
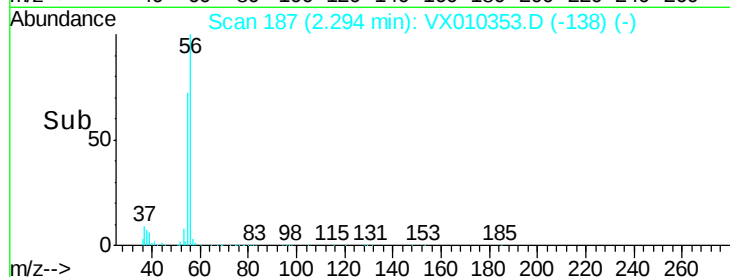


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 19.036 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

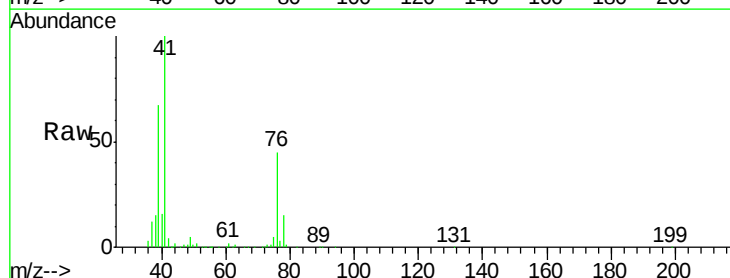
Tgt Ion: 41 Resp: 72247

Ion Ratio Lower Upper

41 100

39 63.1 50.3 75.5

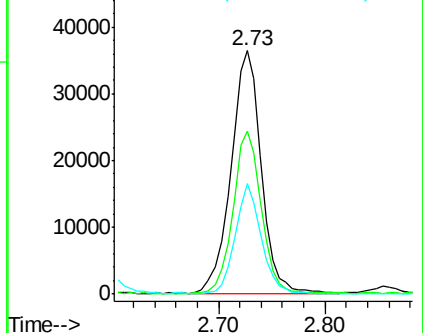
76 39.4 31.3 46.9



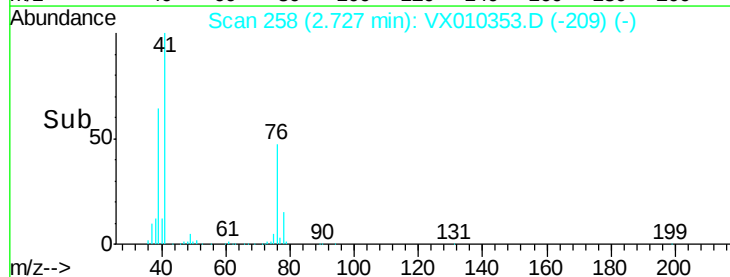
Abundance Ion 41.00 (40.70 to 41.70): VX0

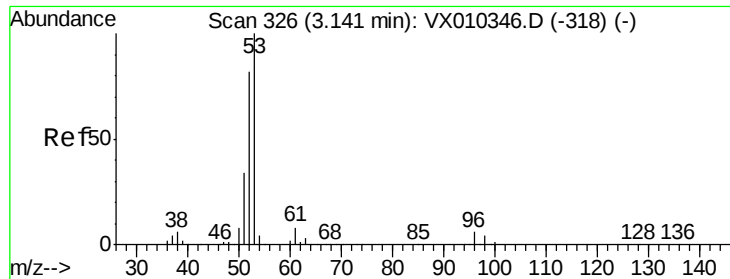
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 92.044 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

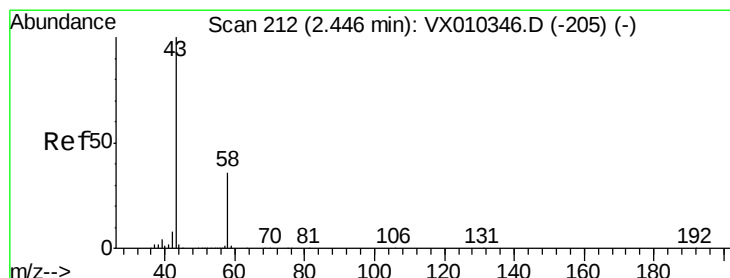
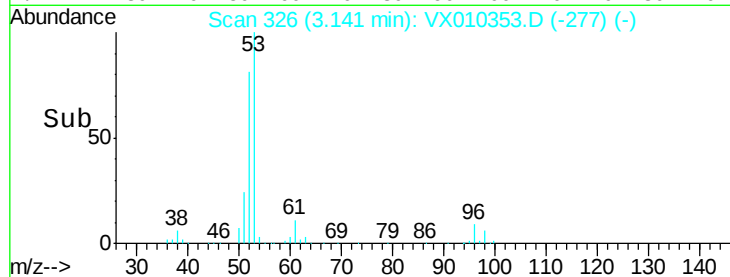
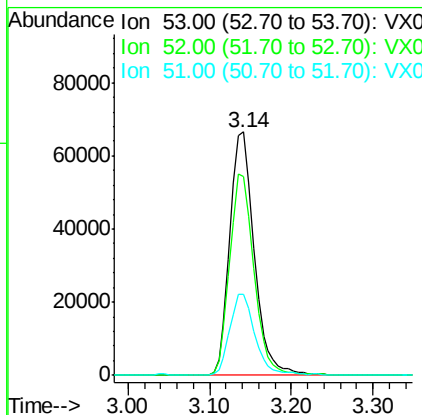
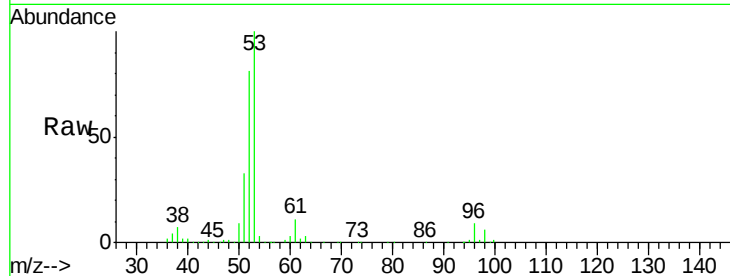
ClientSampleId :

VX0620WBS01

Tot Ion:	53	Resp:	137889
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.5	98.3
51	34.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 91.487 ug/l

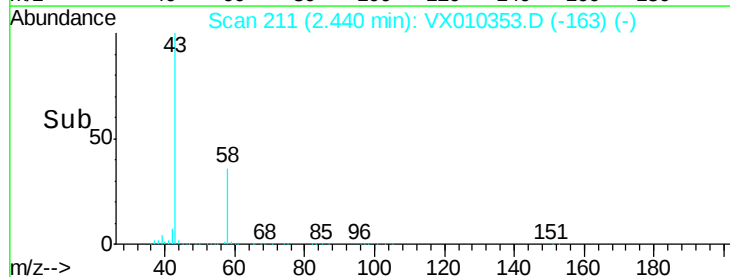
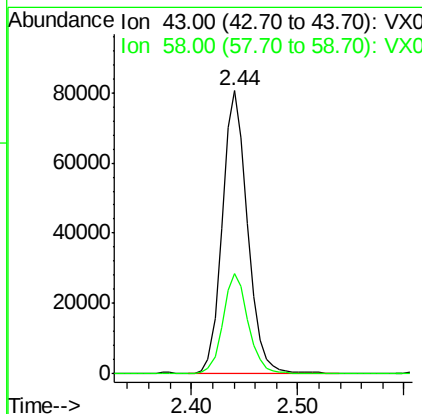
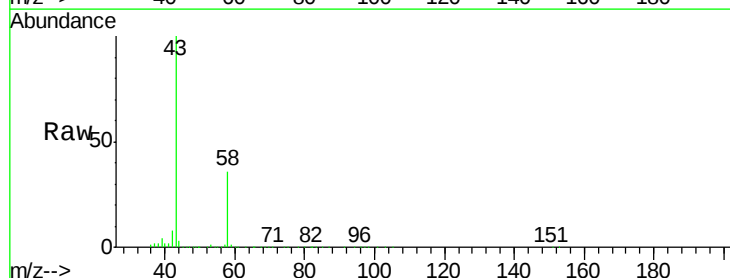
RT: 2.44 min Scan# 211

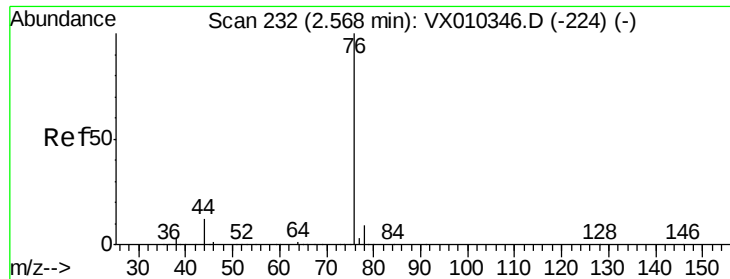
Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	43	Resp:	132584
Ion Ratio	Lower	Upper	
43	100		
58	35.6	28.9	43.3





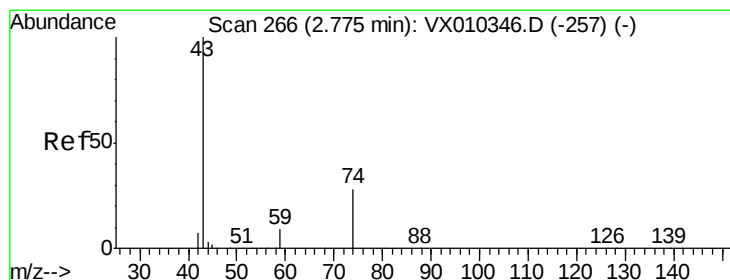
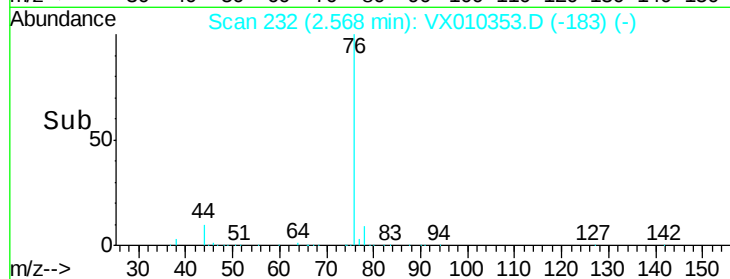
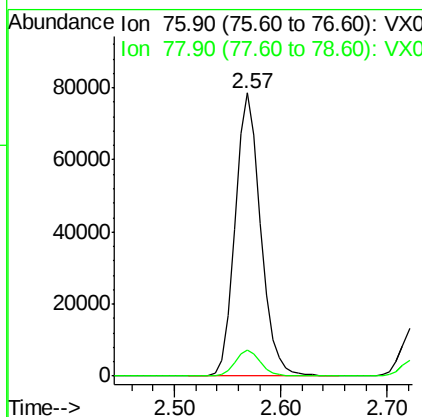
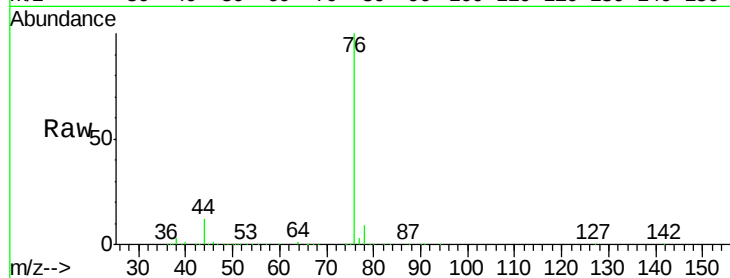
#17
Carbon Disulfide
Concen: 18.450 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

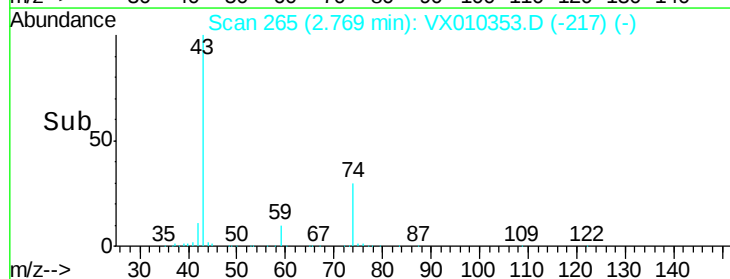
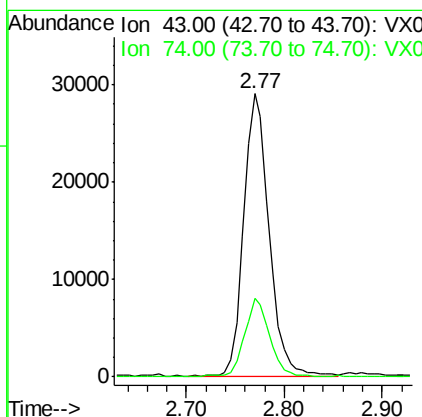
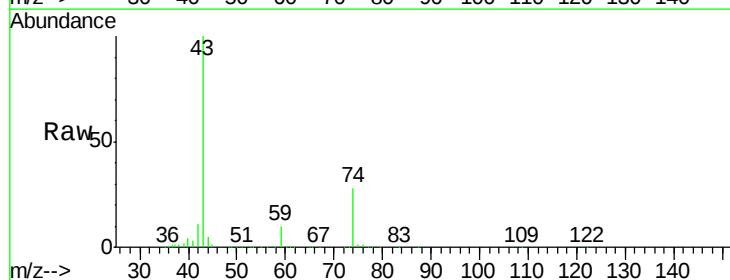
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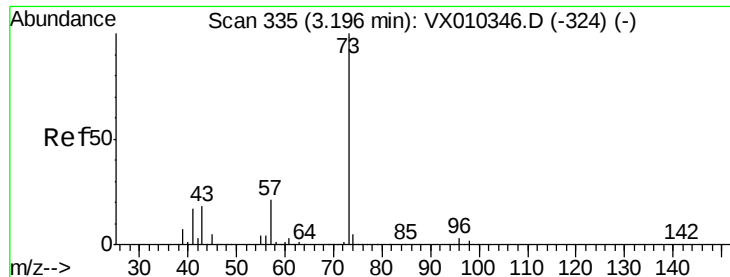
MMDadoda
6/21/2019 11:34:59 AM



#18
Methyl Acetate
Concen: 18.344 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.3	31.9





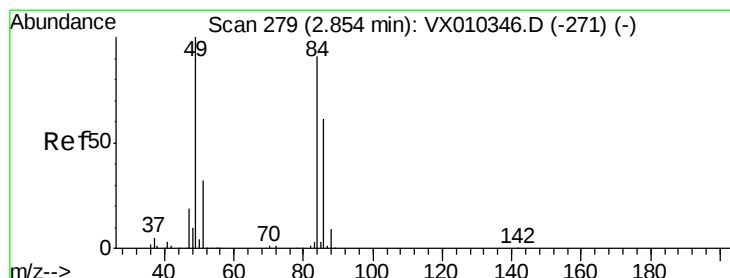
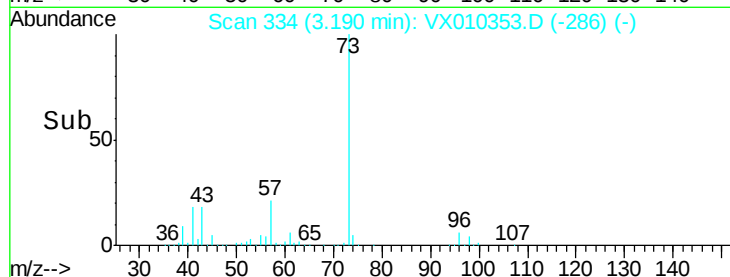
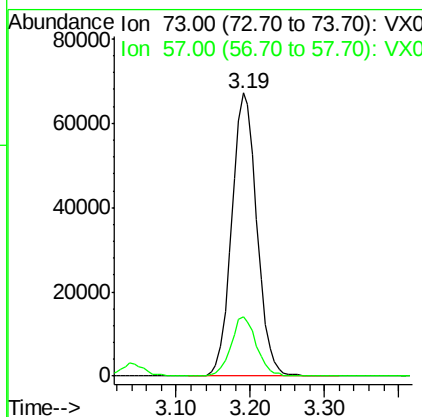
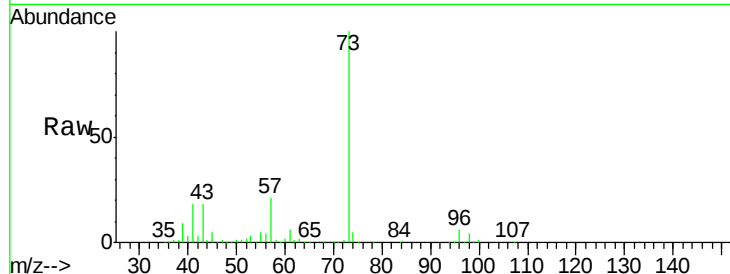
#19
Methvl tert-butvl Ether
Concen: 18.912 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 73 Resp: 159043
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

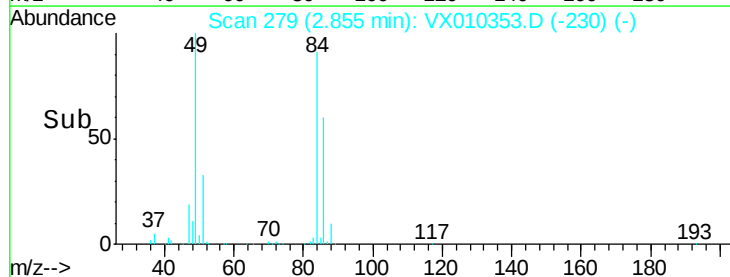
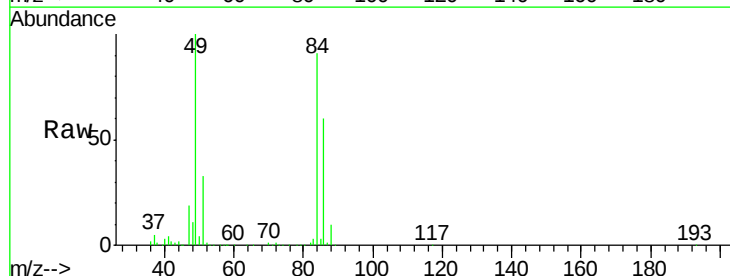
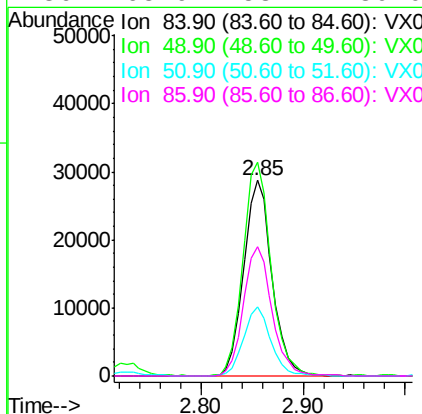
Manual Integrations
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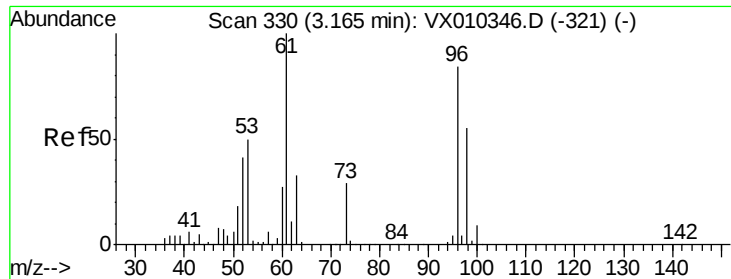
MMDadoda
6/21/2019 11:34:59 AM



#20
Methylene Chloride
Concen: 18.542 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 84 Resp: 55298
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 35.7 27.7 41.5
86 65.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.599 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 96 Resp: 53474

Ion Ratio Lower Upper

96 100

61 118.2 95.6 143.4

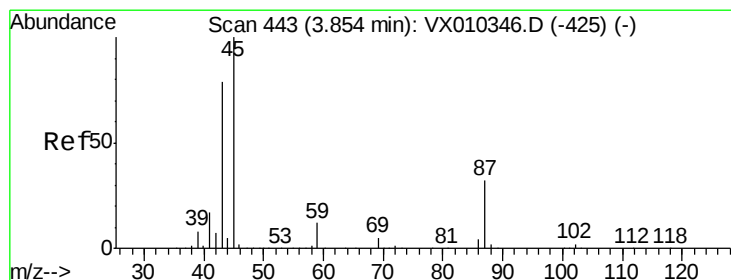
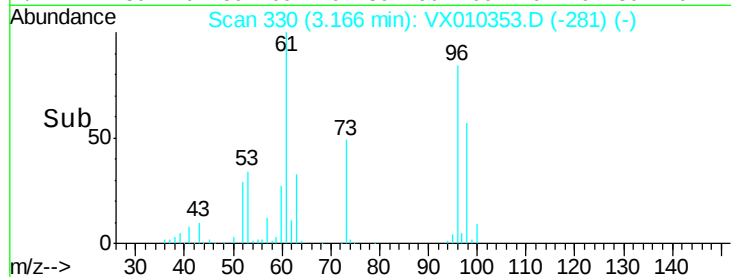
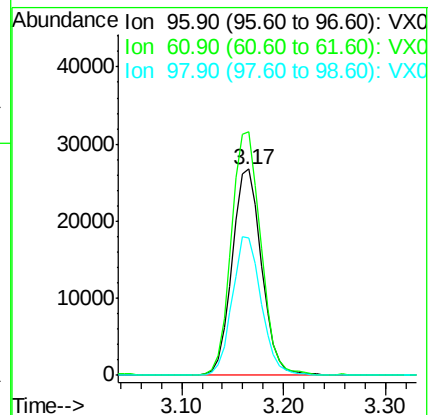
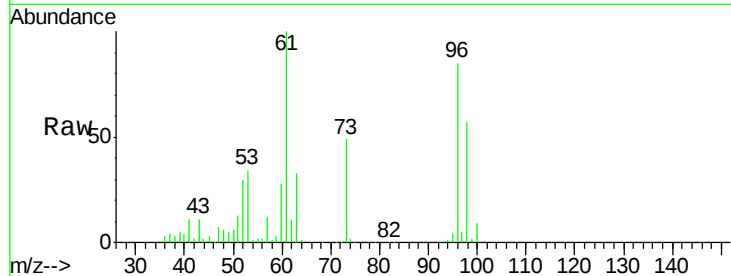
98 66.9 52.5 78.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.696 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion: 45 Resp: 148352

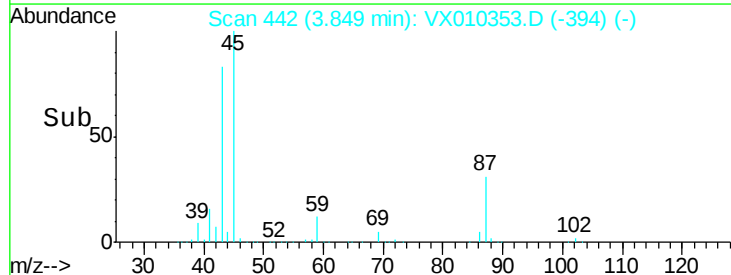
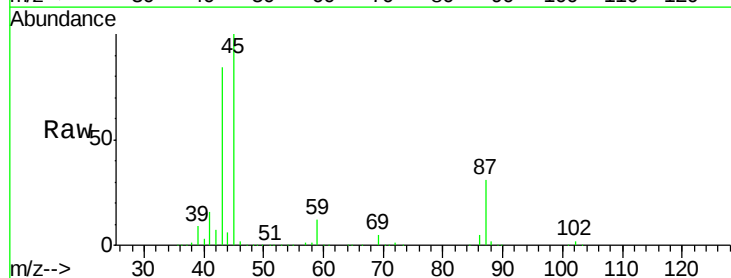
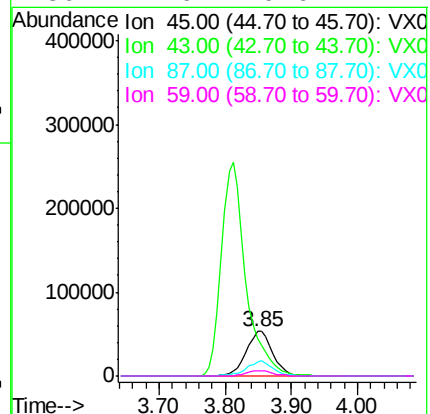
Ion Ratio Lower Upper

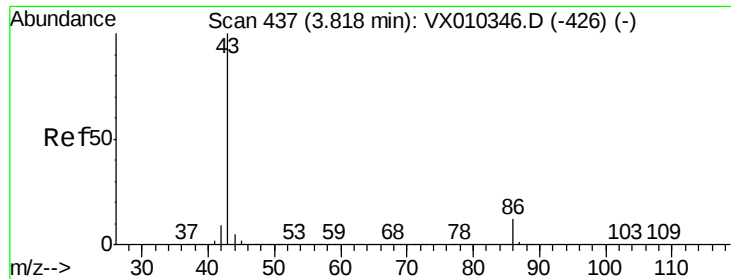
45 100

43 83.4 63.3 94.9

87 31.4 25.8 38.8

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 95.584 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 43 Resp: 655221

Ion Ratio Lower Upper

43 100

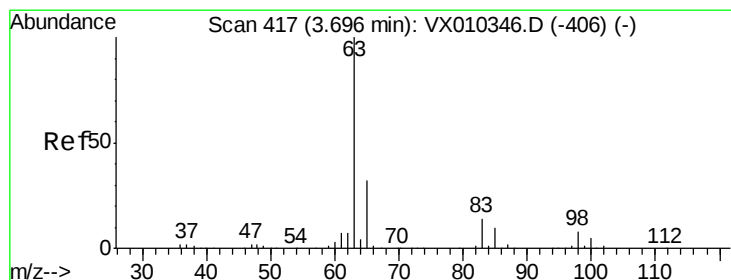
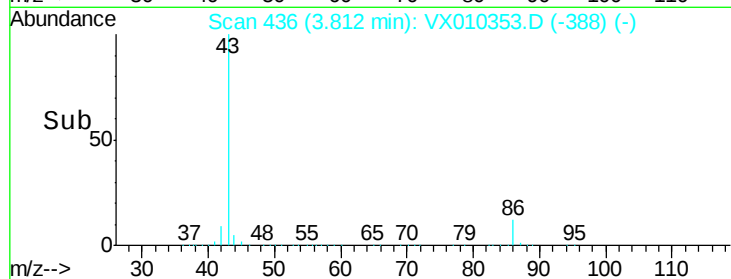
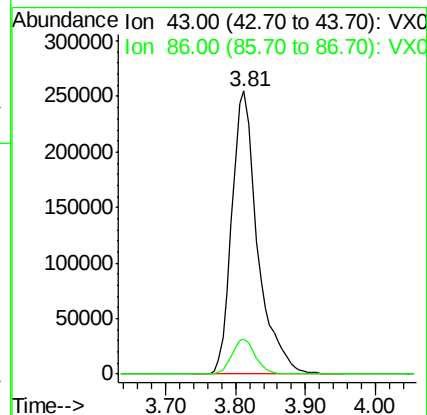
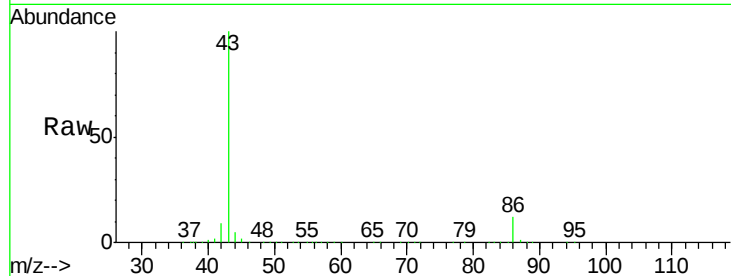
86 12.2 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.873 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

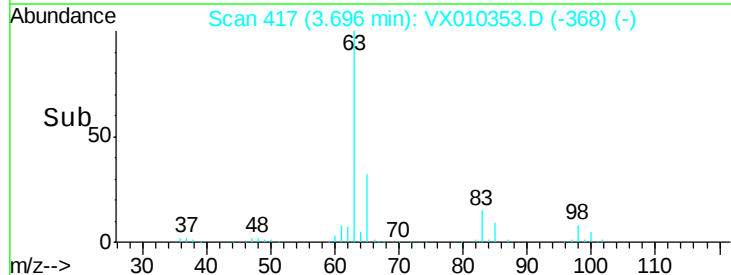
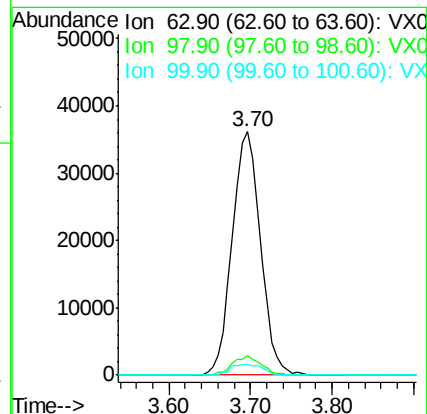
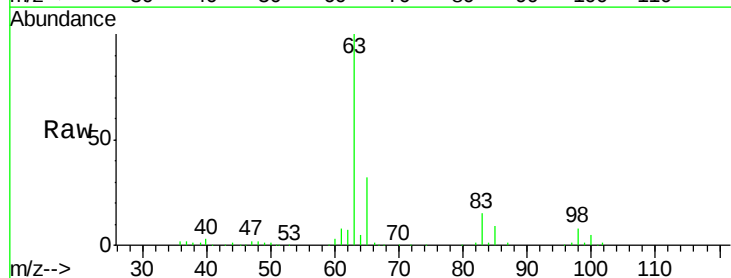
Tgt Ion: 63 Resp: 86563

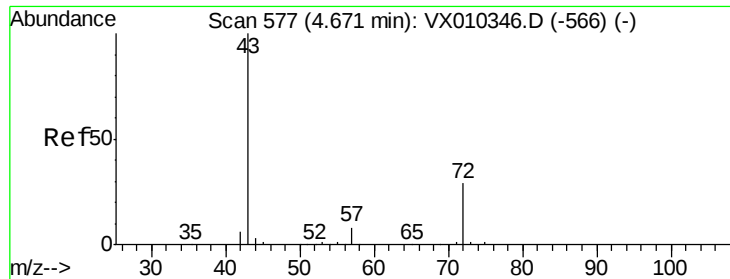
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 91.715 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 43 Resp: 194969

Ion Ratio Lower Upper

43 100

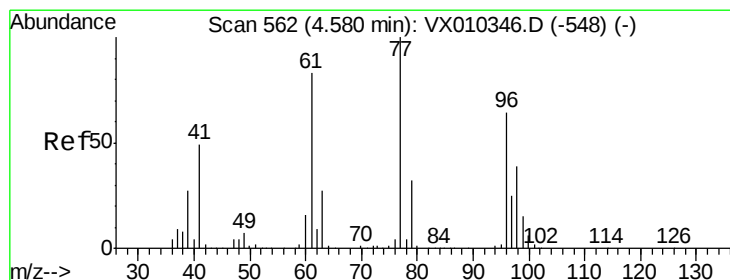
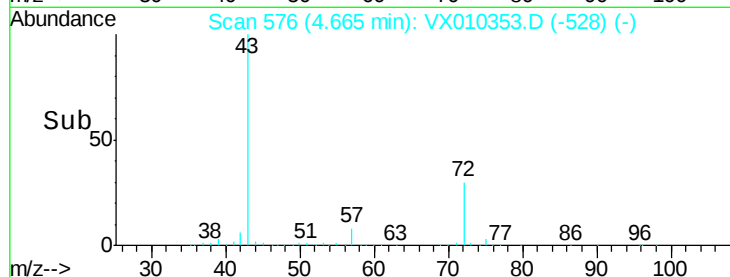
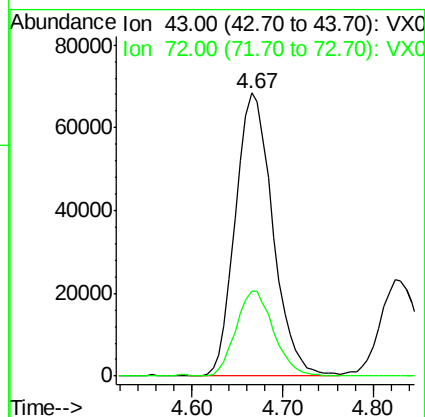
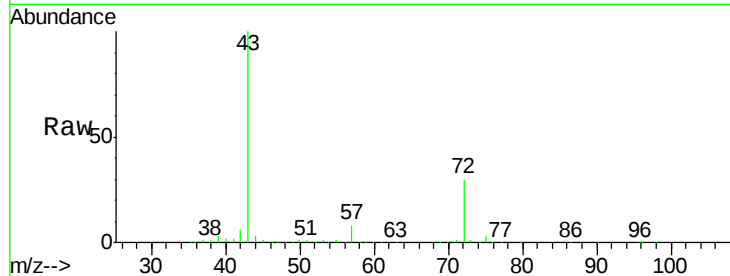
72 29.8 23.3 34.9

Manual Integrations

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6/21/2019 11:34:59 AM



#26

2,2-Dichloropropane

Concen: 19.149 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010353.D

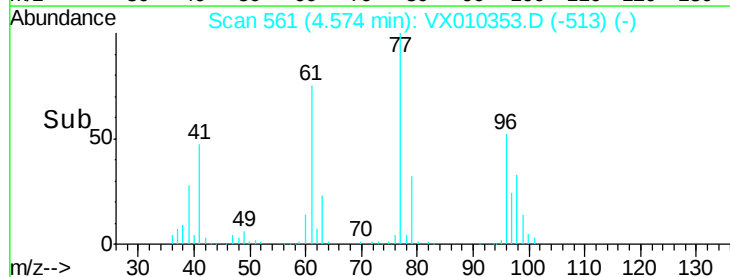
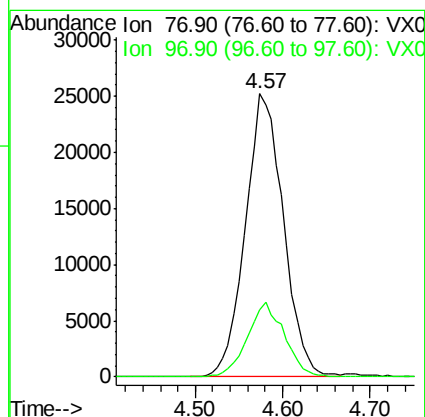
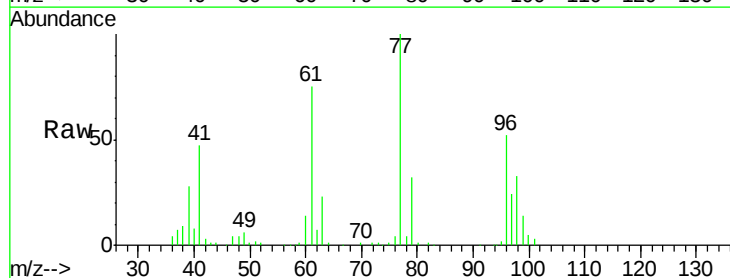
Acq: 20 Jun 2019 12:11

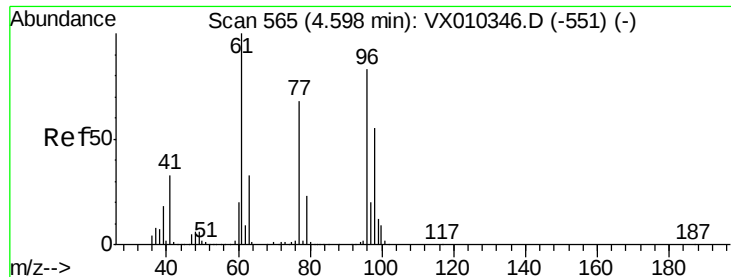
Tgt Ion: 77 Resp: 76297

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3





#27

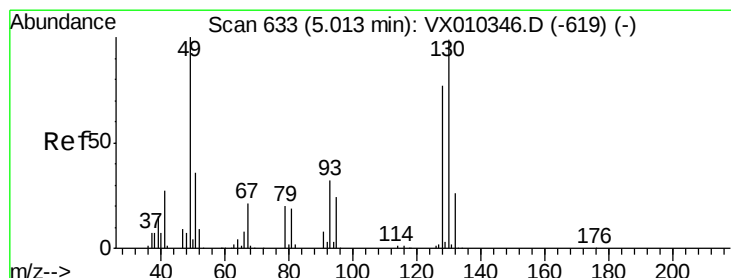
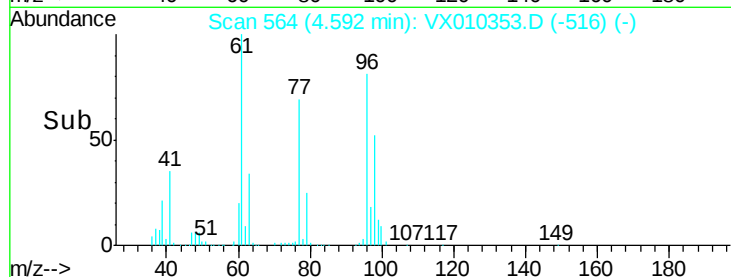
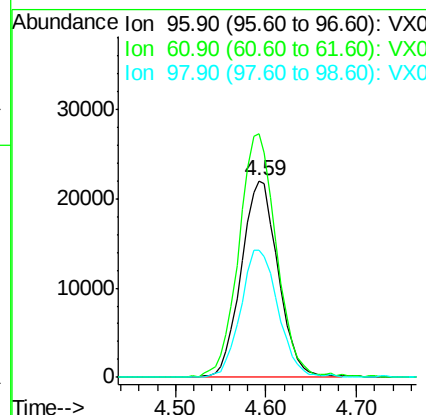
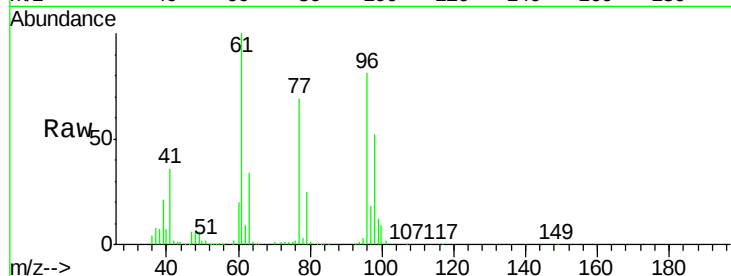
cis-1,2-Dichloroethene
 Concen: 18.740 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	251.8
98	65.3	0.0	129.4

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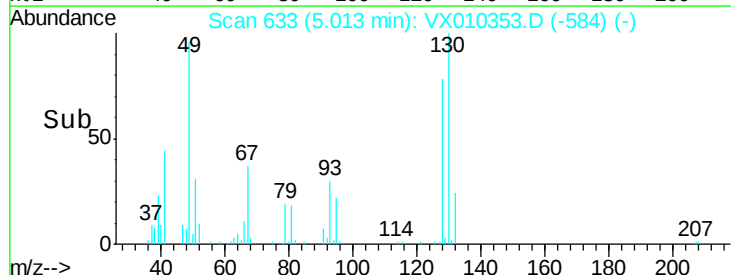
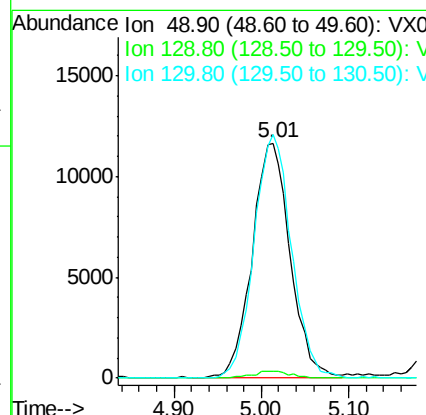
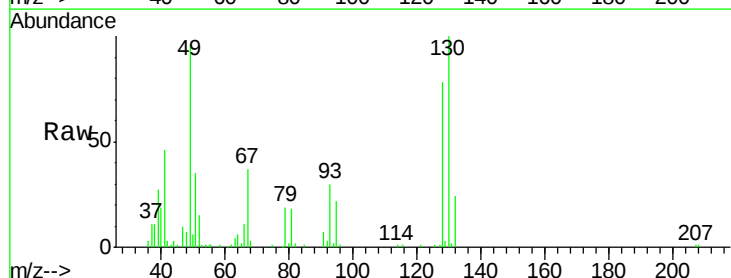
MMDadoda
 6/21/2019 11:34:59 AM

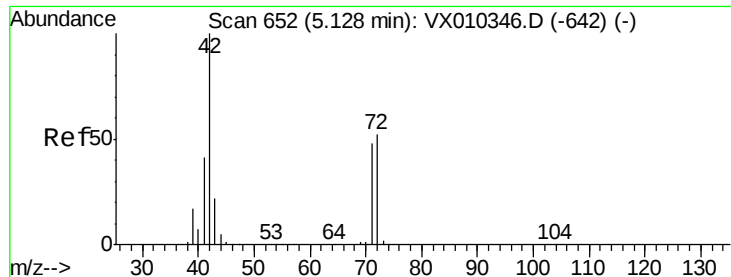


#28

Bromochloromethane
 Concen: 16.122 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.0	81.4	122.0





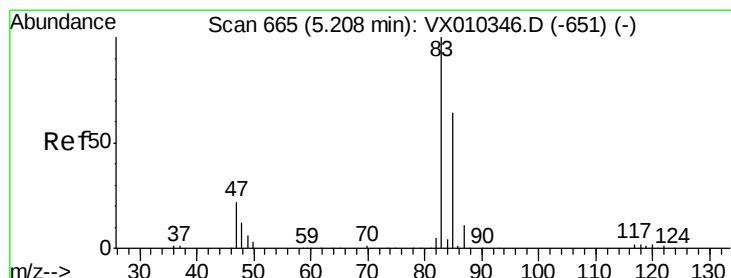
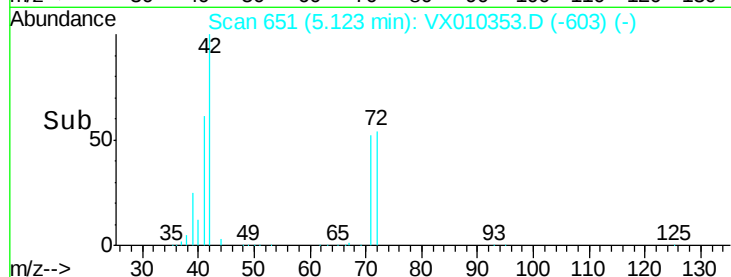
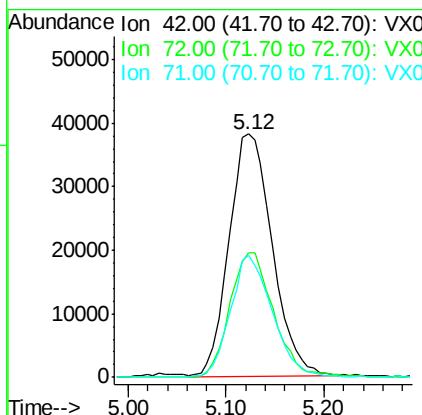
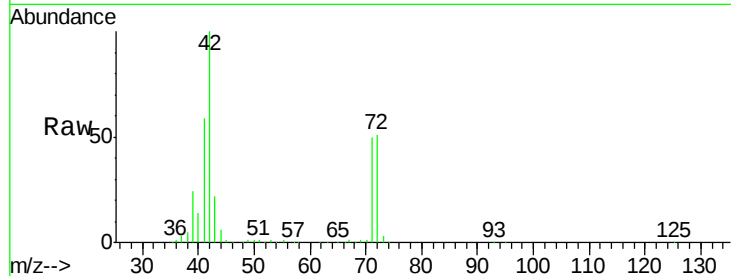
#29
Tetrahydrofuran
Concen: 88.724 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	40.6	60.8
71	49.0	37.8	56.8

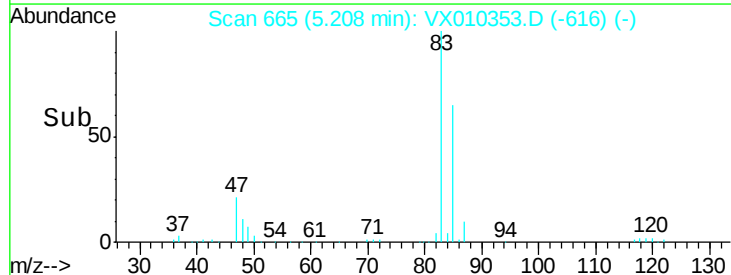
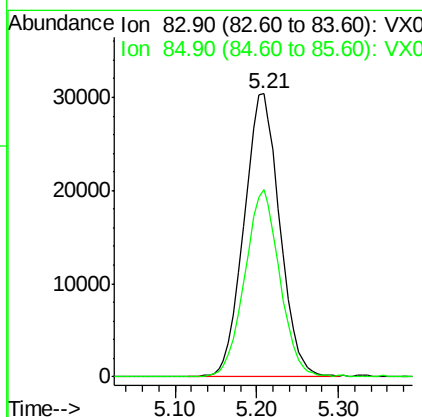
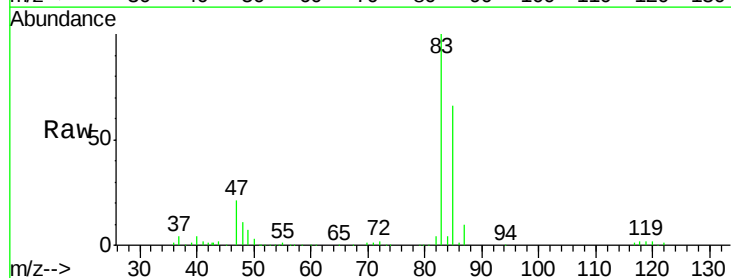
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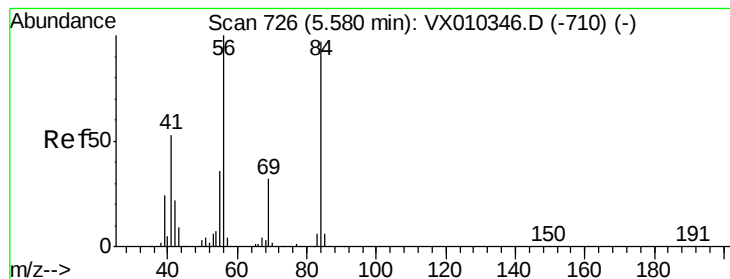
MMDadoda
6/21/2019 11:34:59 AM



#30
Chloroform
Concen: 18.775 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.9	76.3





#31

Cyclohexane

Concen: 19.567 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

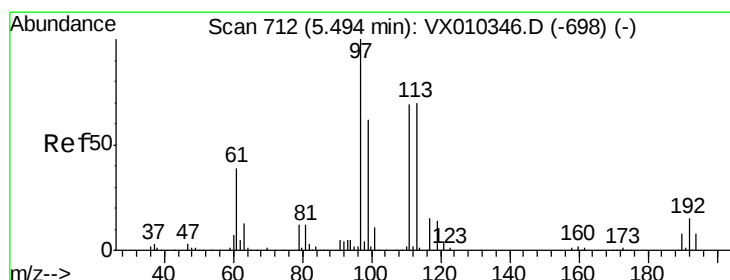
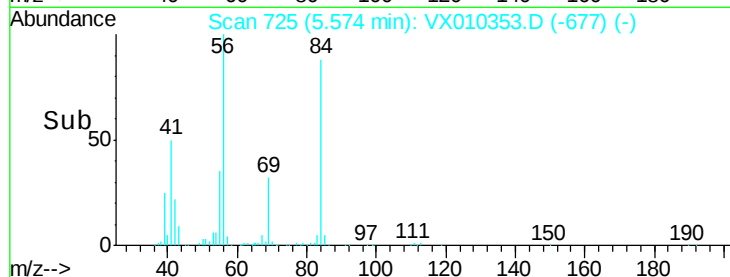
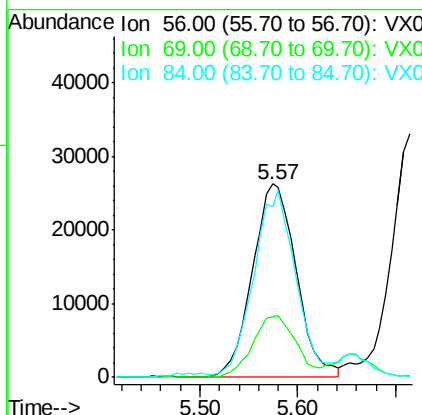
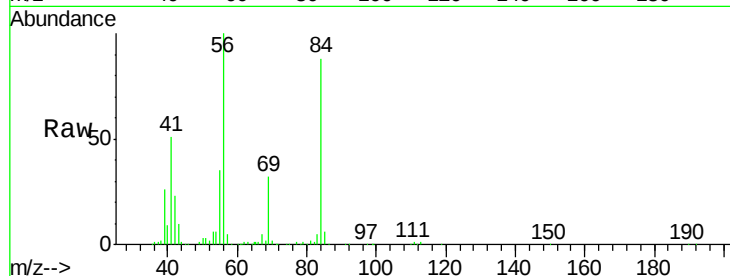
ClientSampleId :

VX0620WBS01

Tot Ion:	56	Resp:	81727
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	86.0	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.805 ug/l

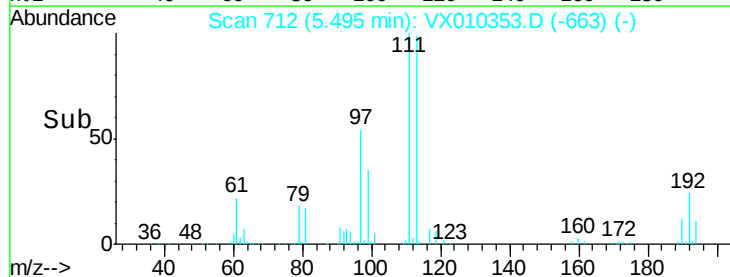
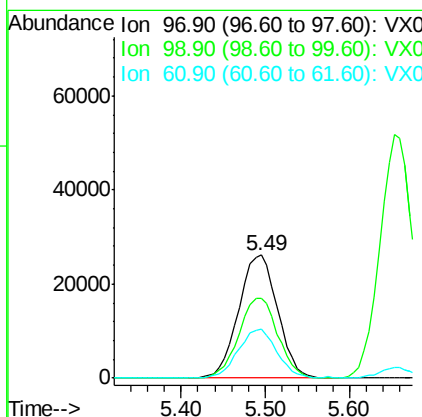
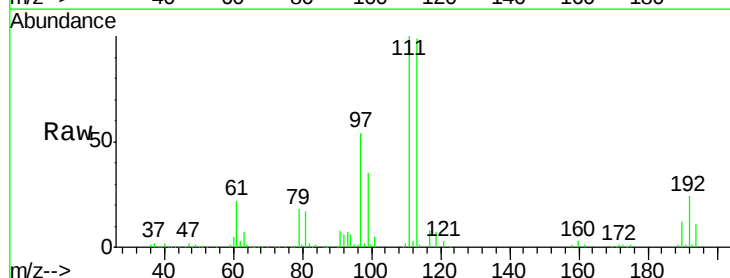
RT: 5.49 min Scan# 712

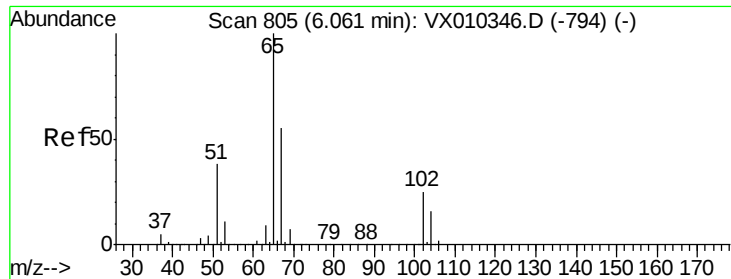
Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	97	Resp:	81945
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	39.3	32.1	48.1





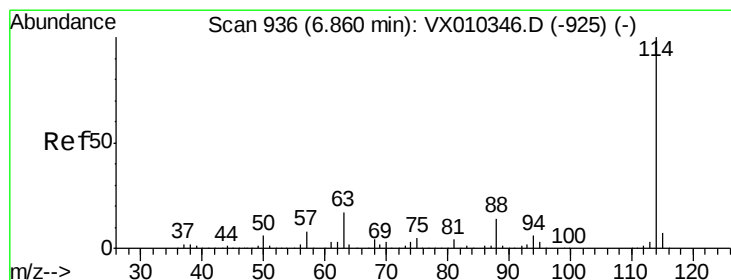
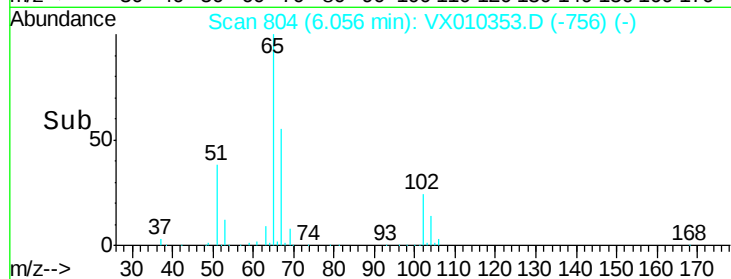
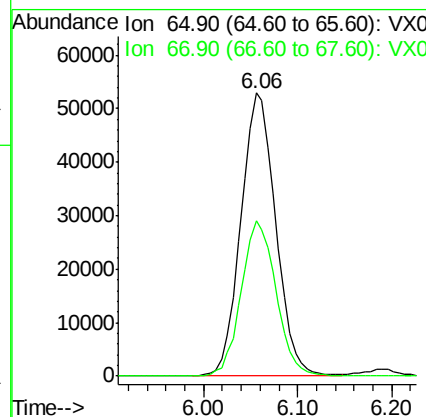
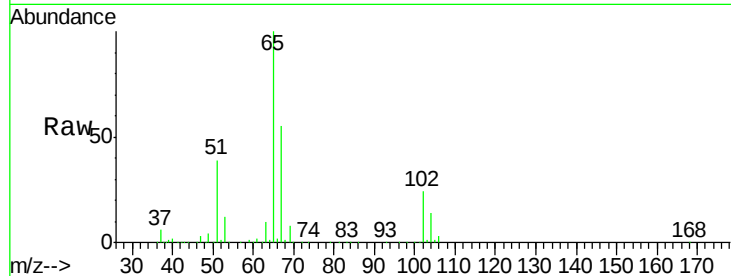
#33
 1,2-Dichloroethane-d4
 Concen: 47.328 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	110.2	

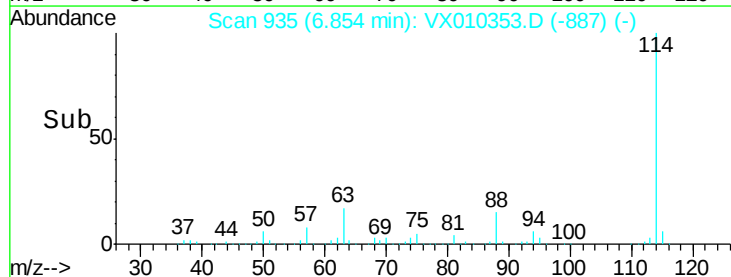
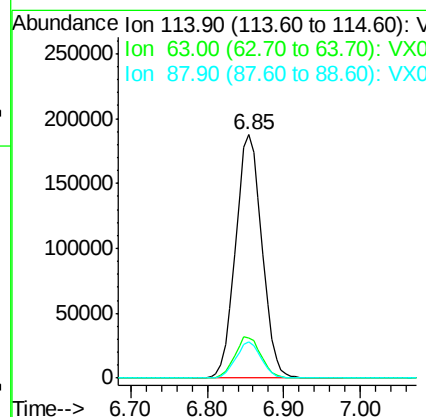
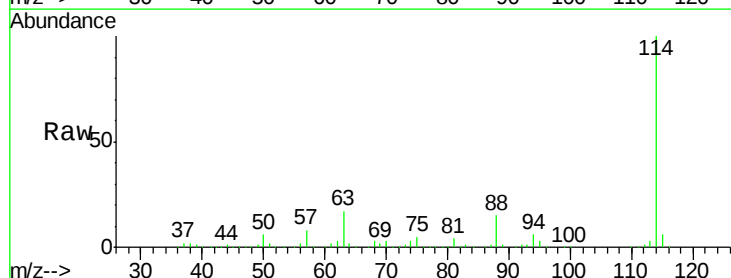
Manual Integrations
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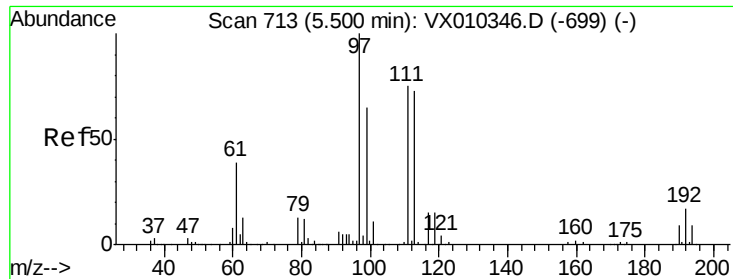
MMDadoda
 6/21/2019 11:34:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.7	0.0	33.8	
88	15.1	0.0	27.6	





#35

Dibromofluoromethane

Concen: 49.570 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

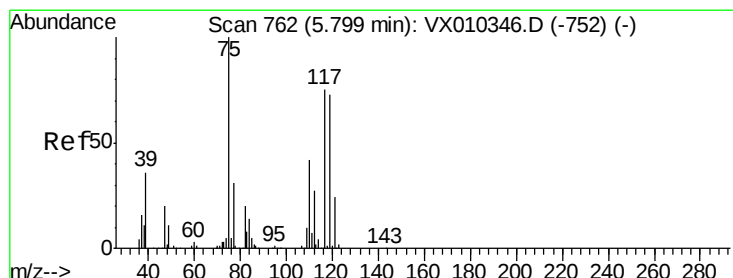
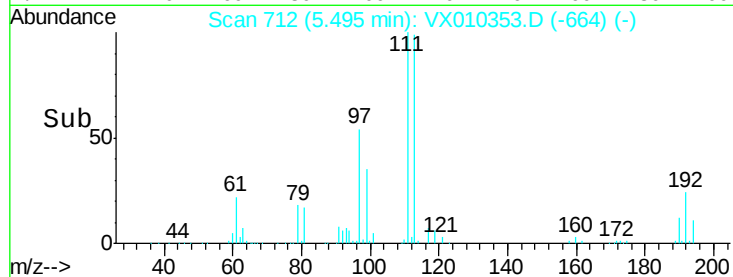
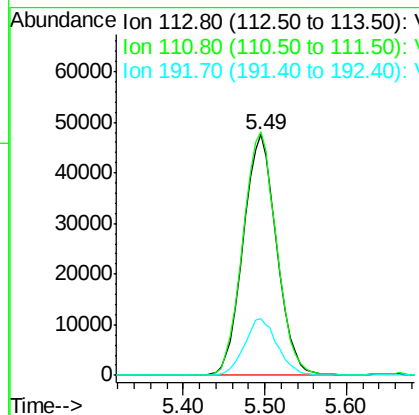
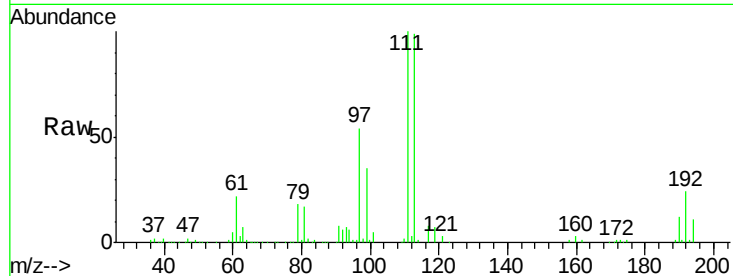
ClientSampleId :

VX0620WBS01

Tot Ion:	113	Resp:	135421
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.2	121.8
192	23.3	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 19.234 ug/l

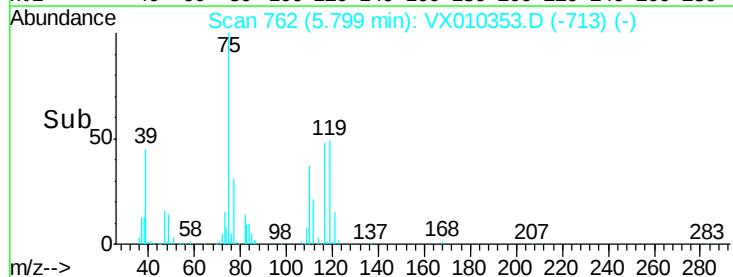
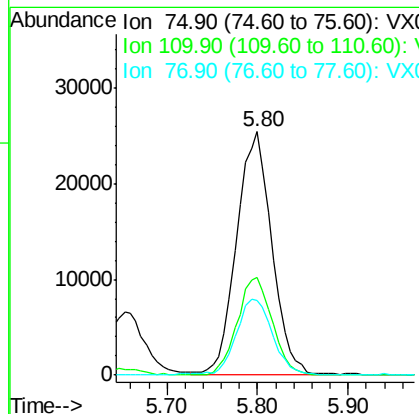
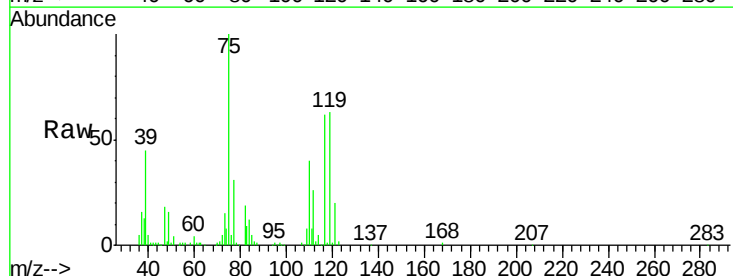
RT: 5.80 min Scan# 762

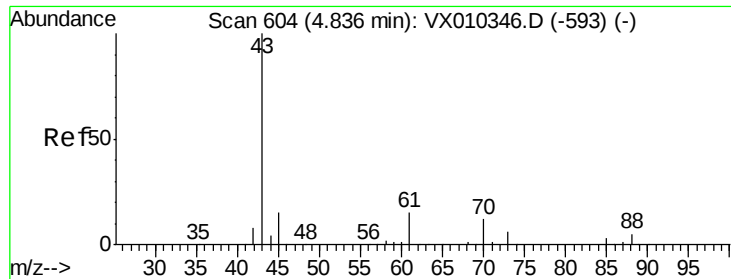
Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	75	Resp:	68248
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.8	62.2
77	31.6	25.4	38.0





#37

Ethyl Acetate

Concen: 18.856 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

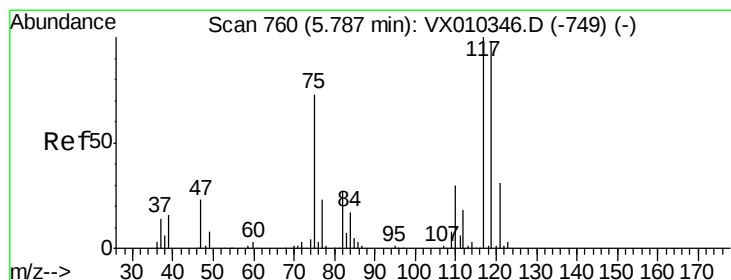
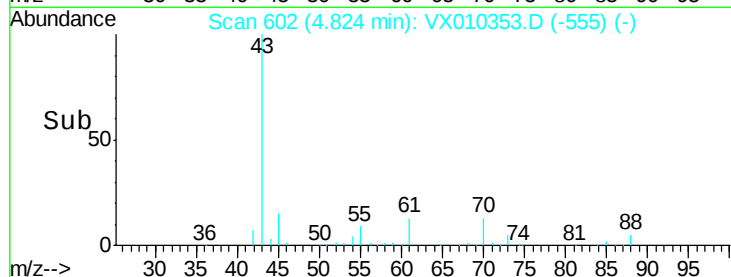
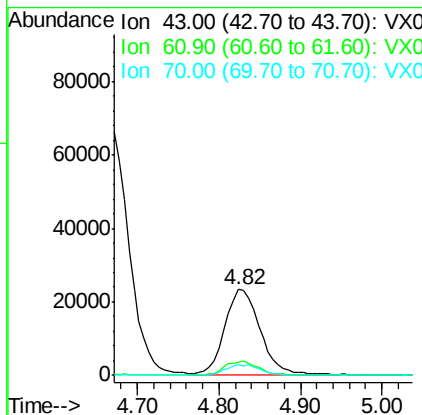
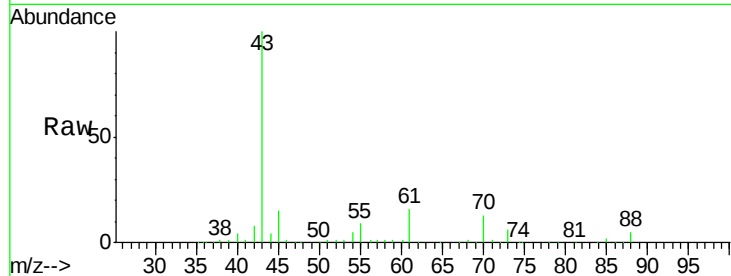
ClientSampleId :

VX0620WBS01

Tot Ion:	43	Resp:	68831
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.4	18.6
70	12.9	9.8	14.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.268 ug/l

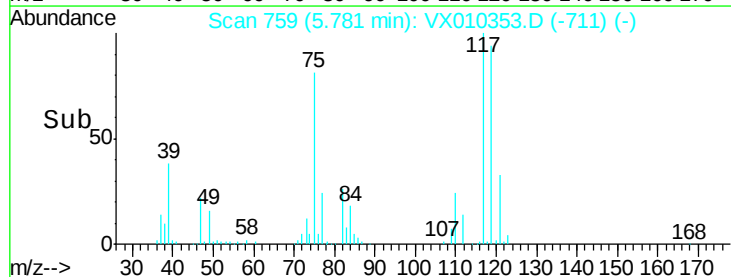
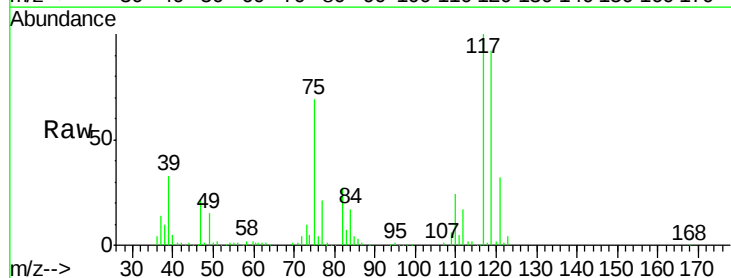
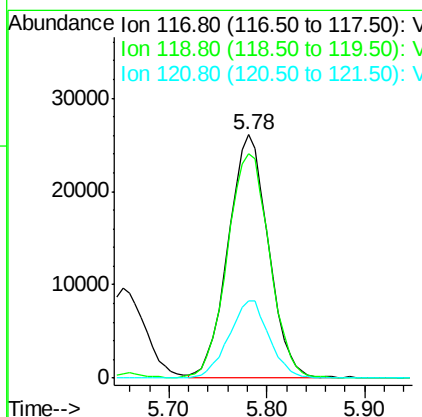
RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	117	Resp:	74033
Ion	Ratio	Lower	Upper
117	100		
119	92.6	78.2	117.4
121	32.0	24.7	37.1





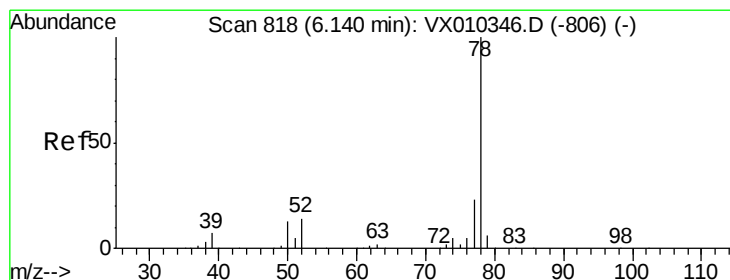
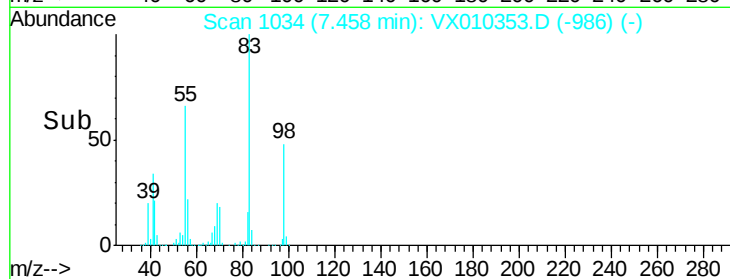
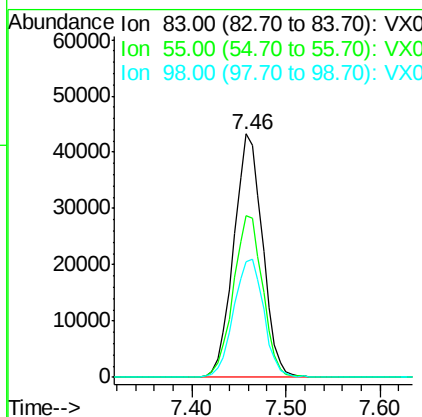
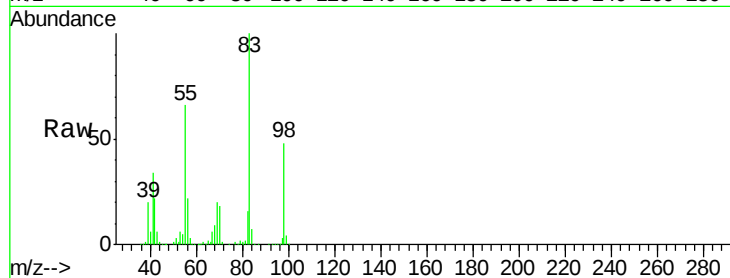
#39
Methylvlcvclohexane
Concen: 19.747 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	53.0	79.6
98	47.7	37.8	56.8

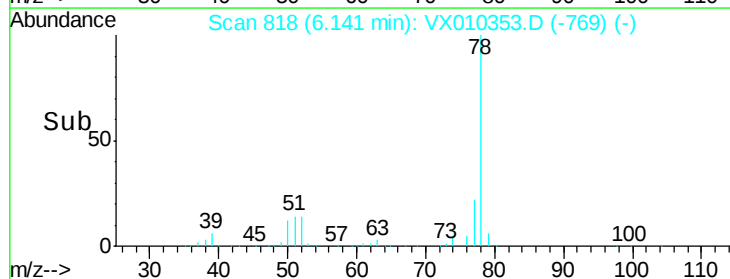
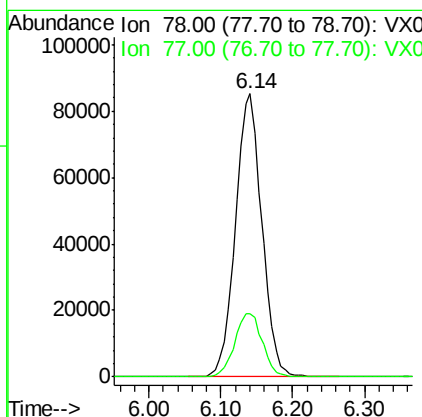
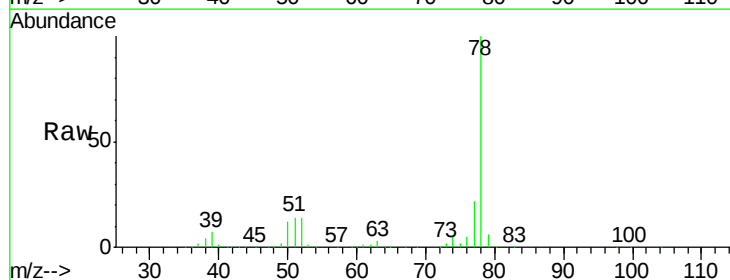
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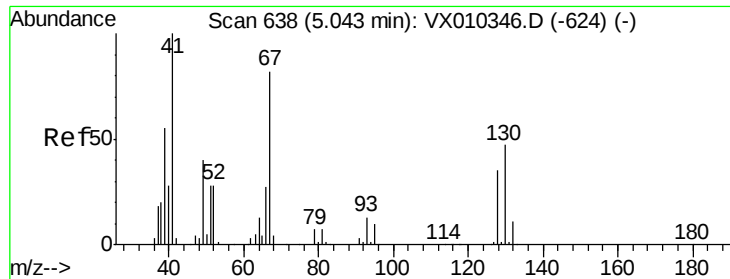
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#40
Benzene
Concen: 19.587 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 18.508 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 41 Resp: 37068

Ion Ratio Lower Upper

41 100

39 53.9 43.8 65.8

67 87.2 66.6 100.0

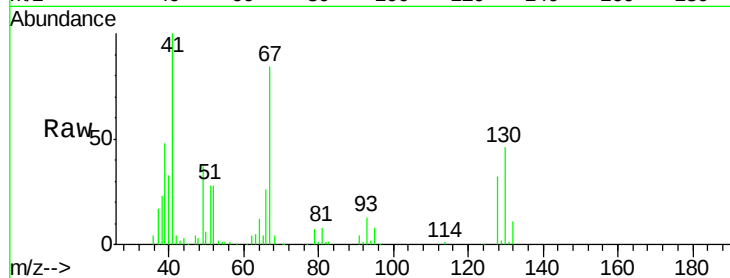
52 32.1 24.5 36.7

Manual Integrations

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6/21/2019 11:34:59 AM

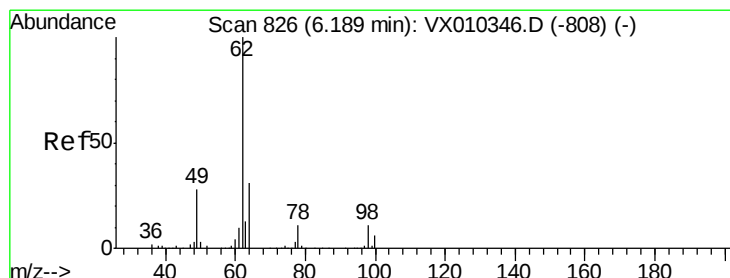
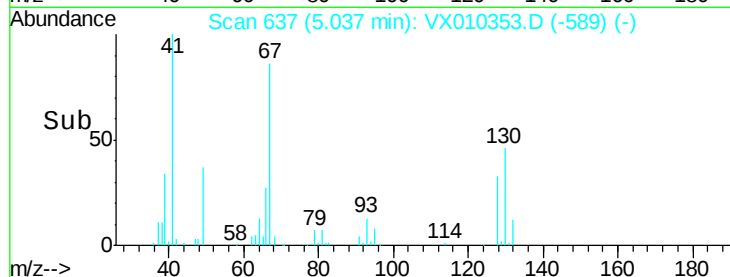
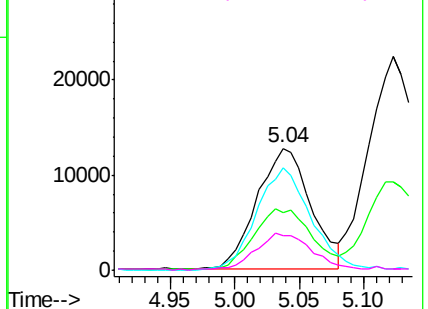


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.661 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010353.D

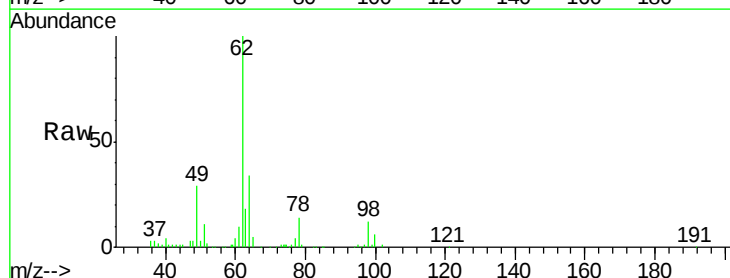
Acq: 20 Jun 2019 12:11

Tgt Ion: 62 Resp: 66160

Ion Ratio Lower Upper

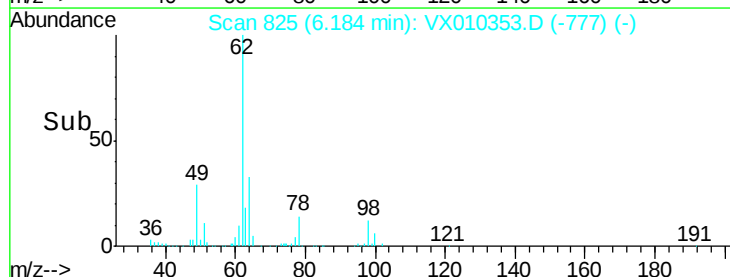
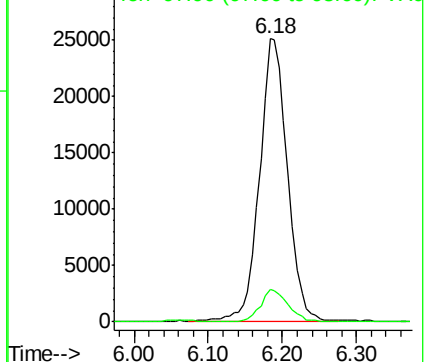
62 100

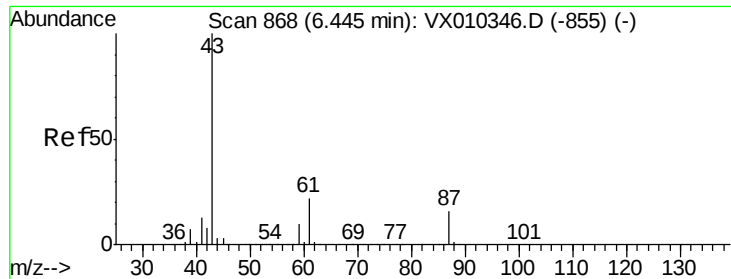
98 11.4 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

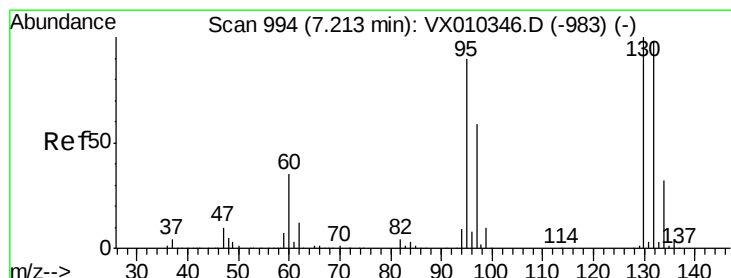
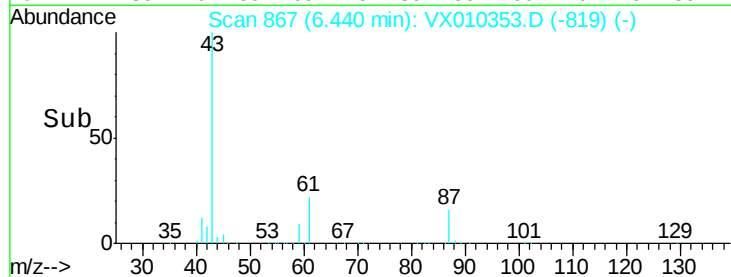
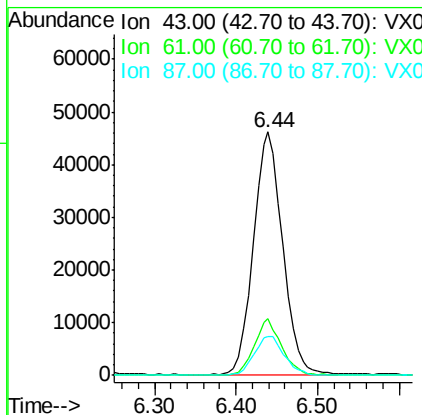
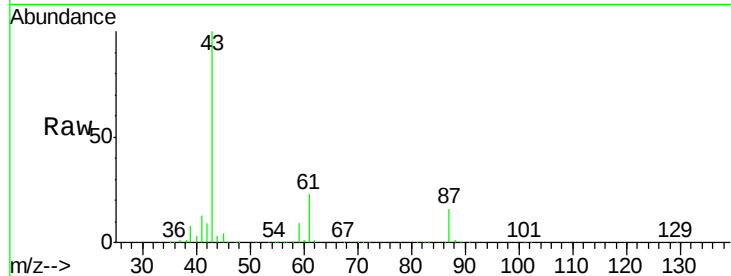
Isopropyl Acetate
 Concen: 19.076 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	16.6	13.0	19.4

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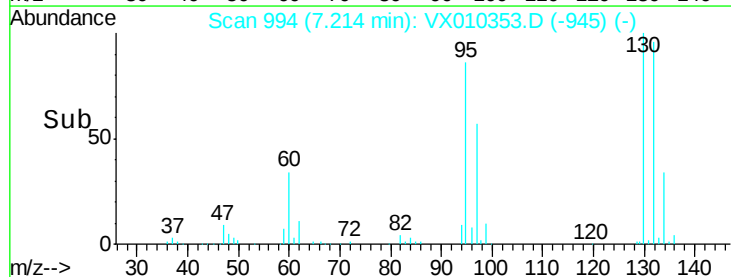
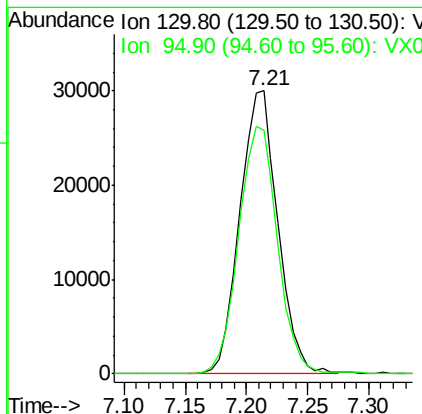
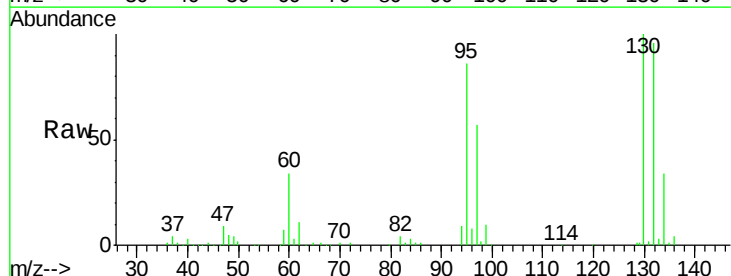
MMDadoda
 6/21/2019 11:34:59 AM

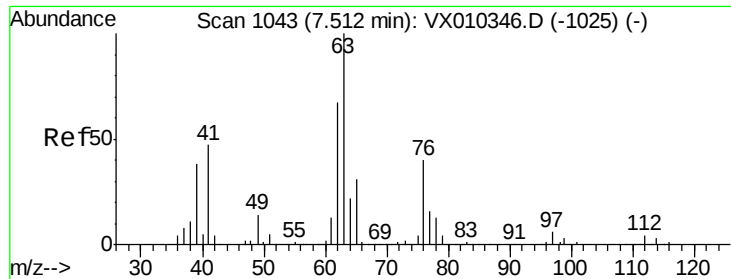


#44

Trichloroethene
 Concen: 19.564 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 19.065 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 63 Resp: 53221

Ion Ratio Lower Upper

63 100

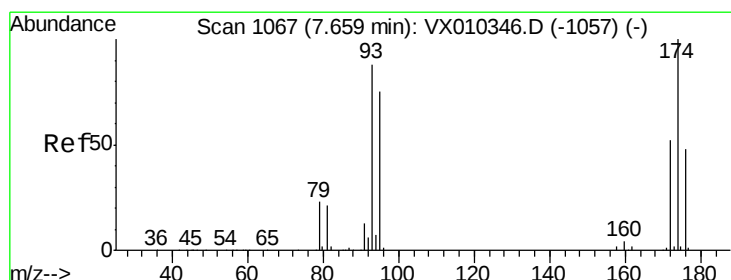
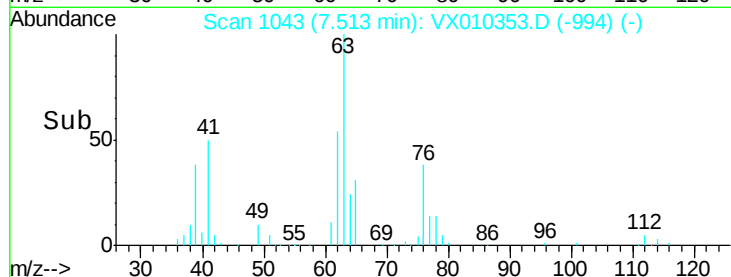
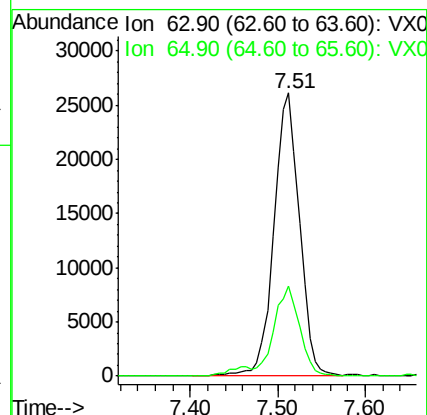
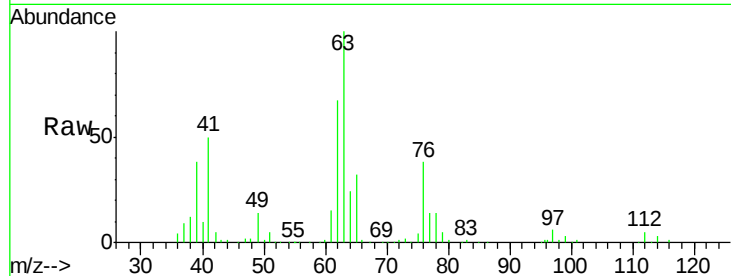
65 31.6 24.8 37.2

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#46

Dibromomethane

Concen: 19.341 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

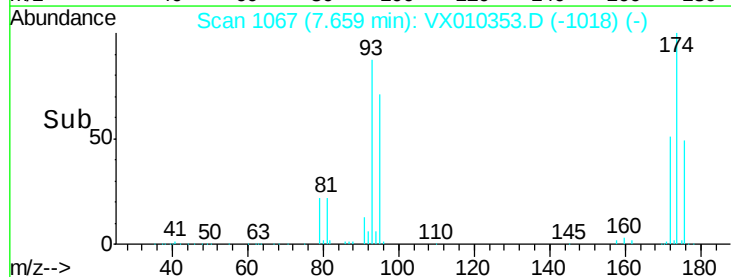
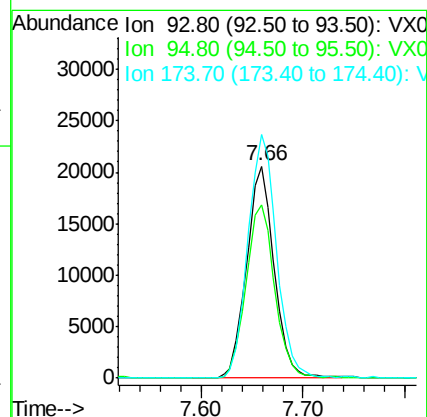
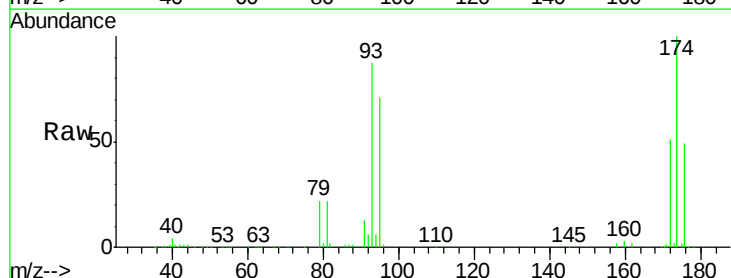
Tgt Ion: 93 Resp: 38738

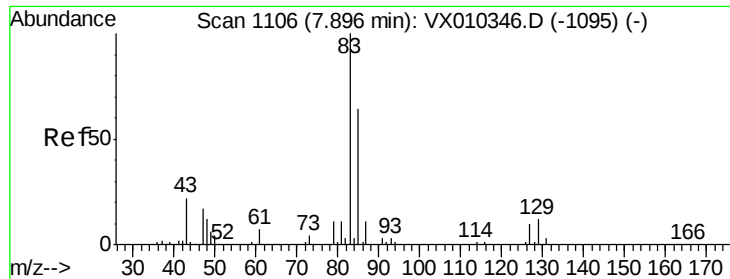
Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

174 119.0 95.8 143.6





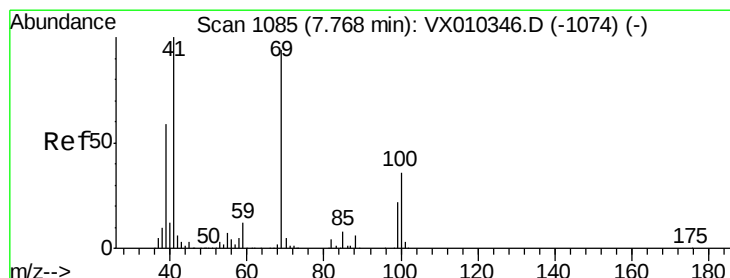
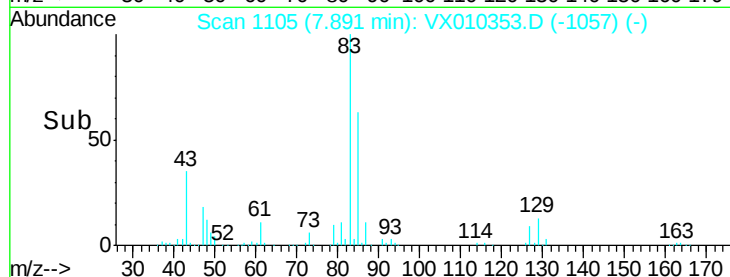
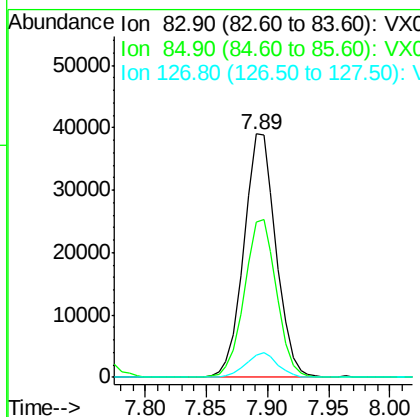
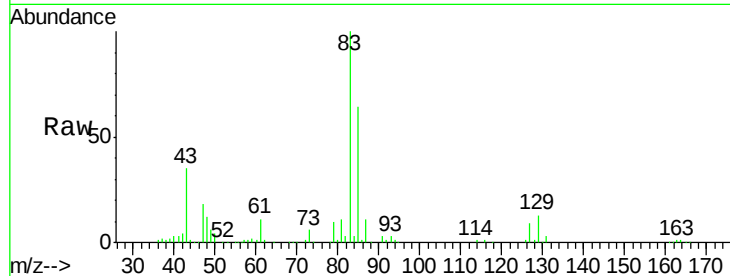
#47
 Bromodichloromethane
 Concen: 19.442 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	83	Resp	71364
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.5	77.3
127	9.3	7.8	11.8

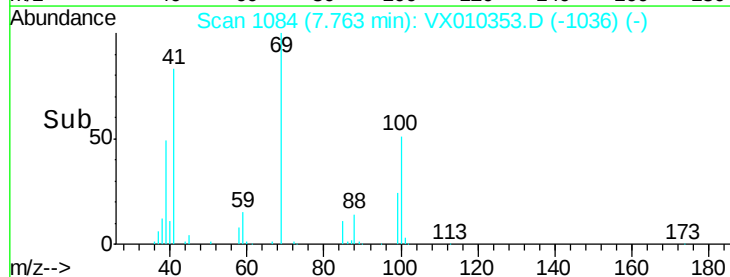
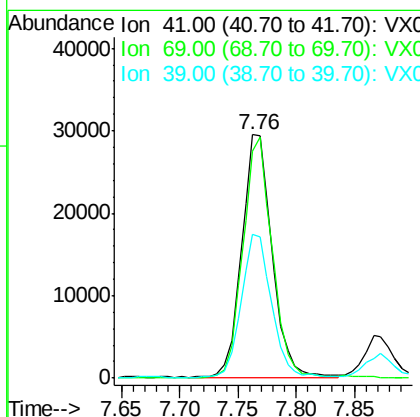
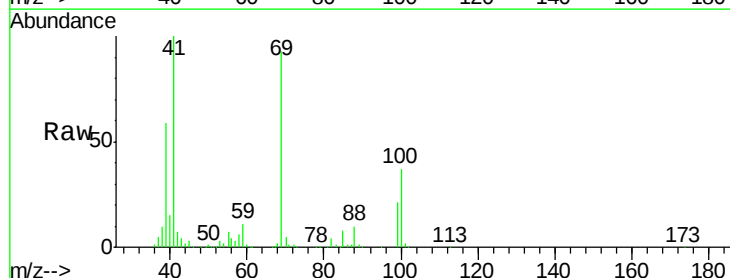
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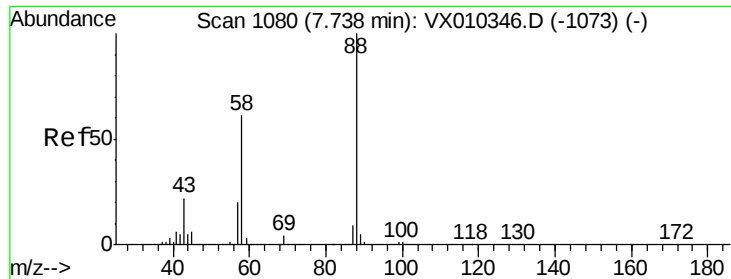
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 6/21/2019 11:34:59 AM



#48
 Methyl methacrylate
 Concen: 19.073 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	41	Resp	53541
Ion Ratio	100	Lower	Upper
41	100		
69	96.3	76.1	114.1
39	58.7	47.6	71.4





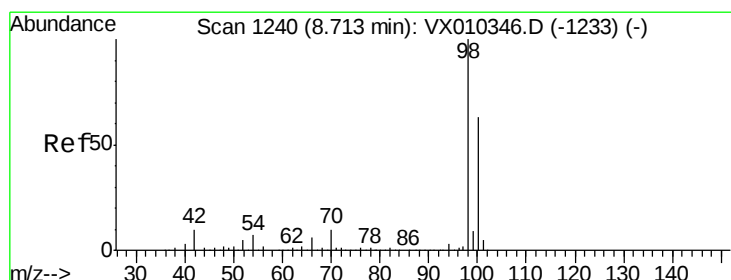
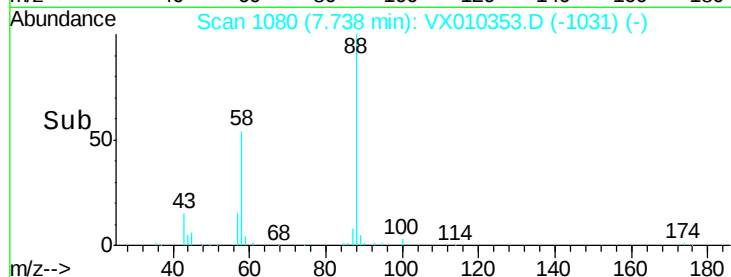
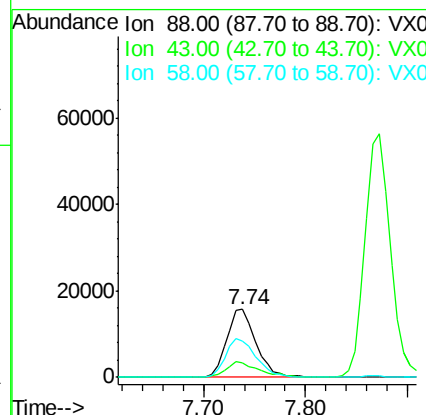
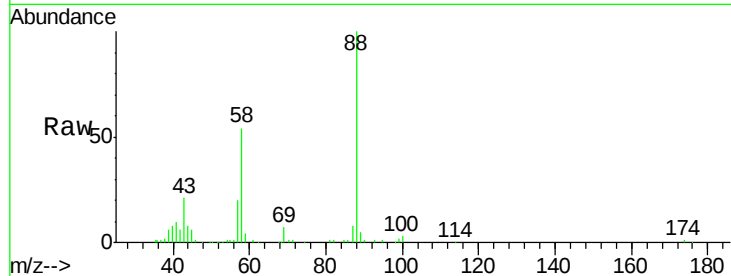
#49
1,4-Dioxane
Concen: 389.564 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.1	20.2	30.2
58	60.4	49.5	74.3

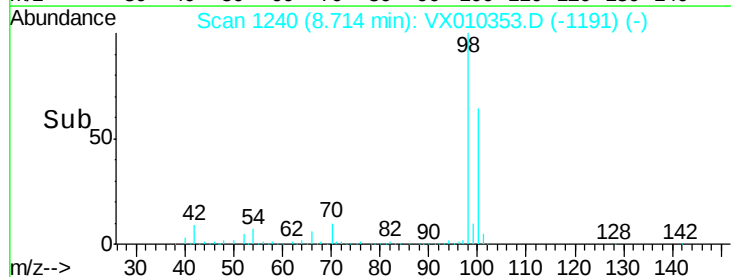
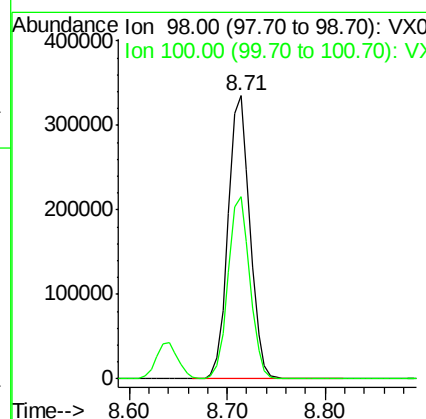
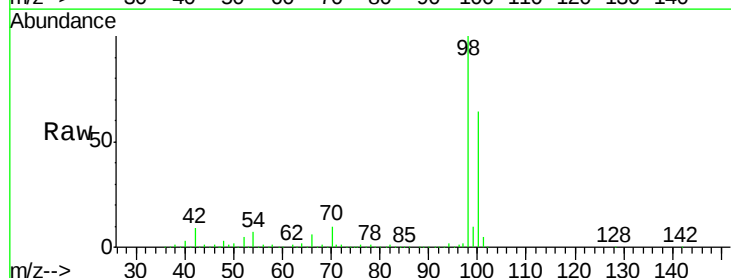
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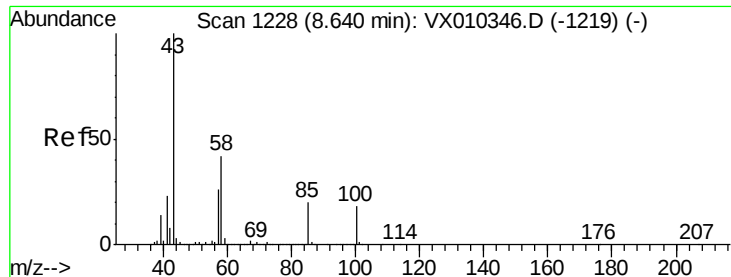
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#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 94.844 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

Tot Ion: 43 Resp: 366339

Ion Ratio Lower Upper

43 100

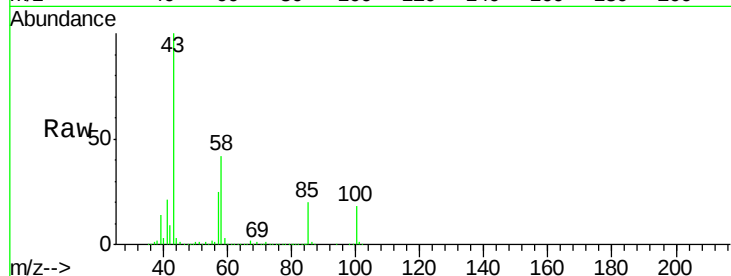
58 41.8 33.5 50.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

250000

200000

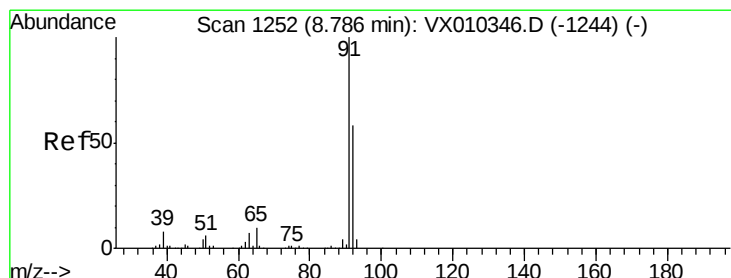
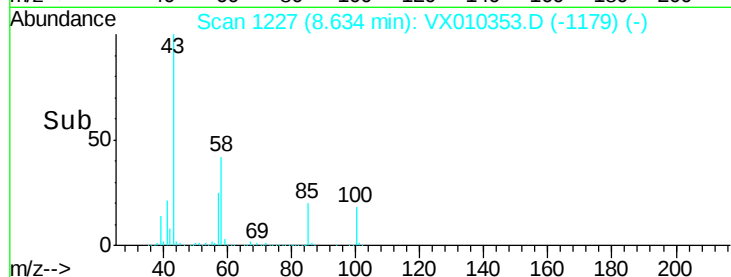
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.502 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010353.D

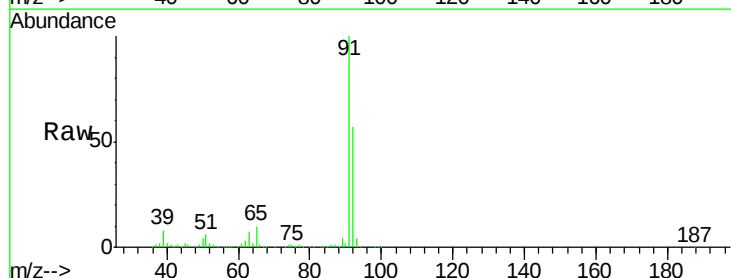
Acq: 20 Jun 2019 12:11

Tgt Ion: 92 Resp: 141972

Ion Ratio Lower Upper

92 100

91 175.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

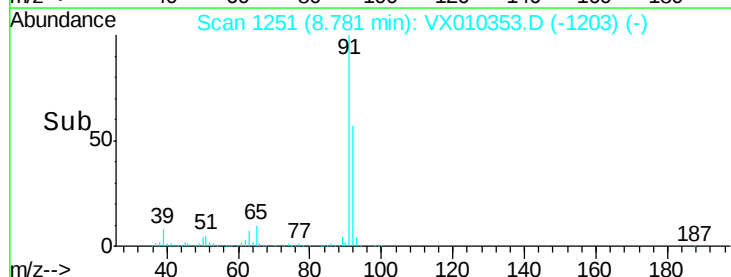
150000

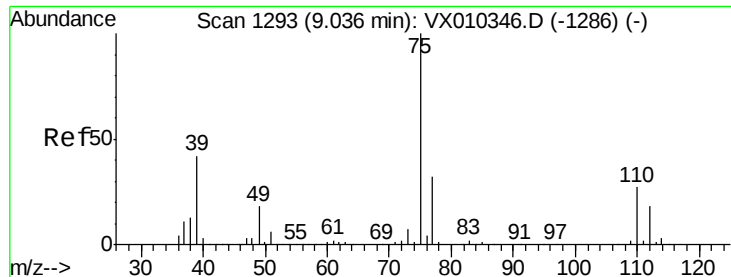
100000

50000

0

Time--> 8.70 8.80 8.90





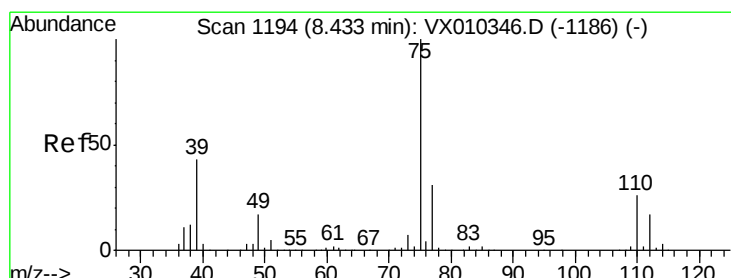
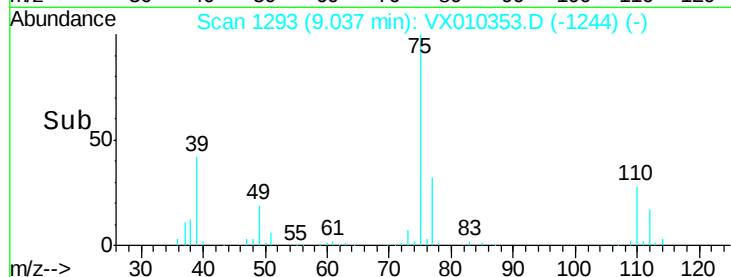
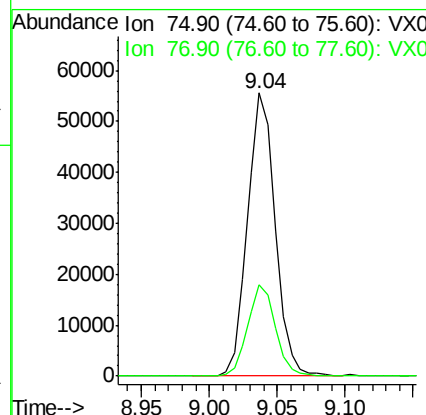
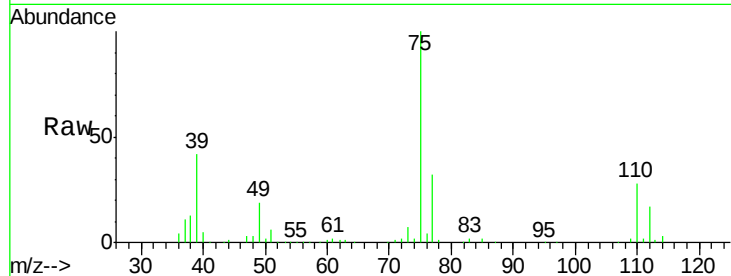
#53
t-1,3-Dichloropropene
Concen: 19.311 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 75 Resp: 79469
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

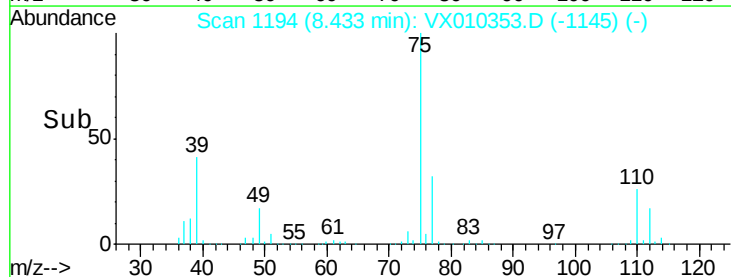
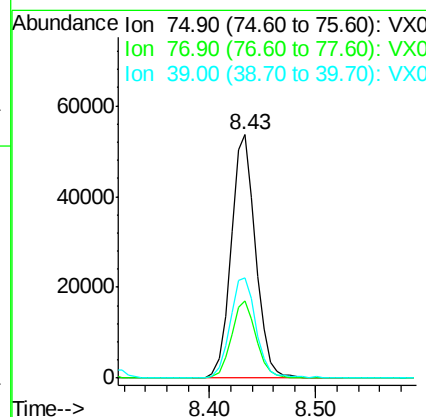
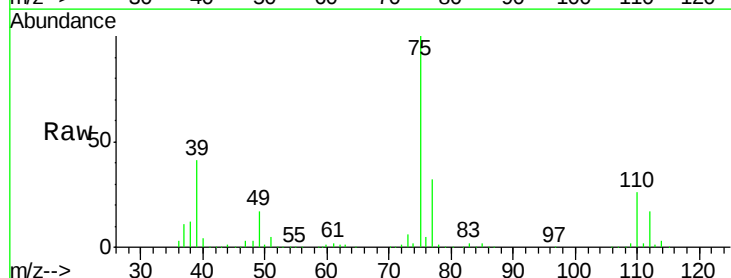
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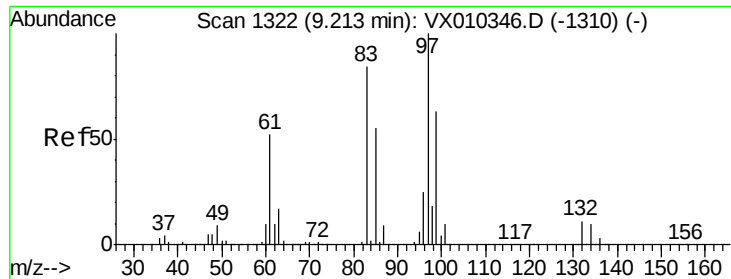
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#54
cis-1,3-Dichloropropene
Concen: 19.272 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 75 Resp: 86183
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 41.0 34.5 51.7





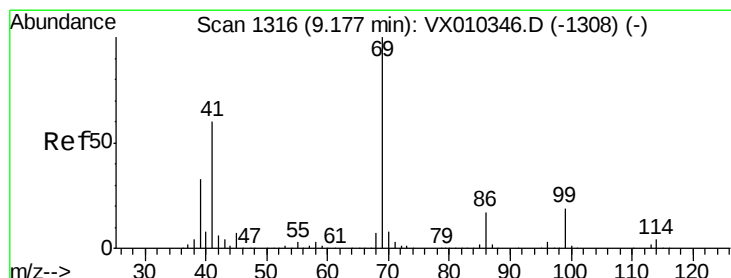
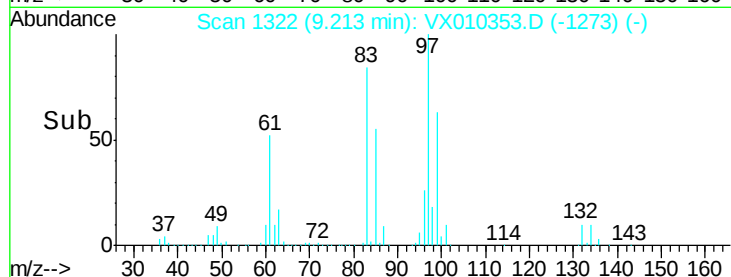
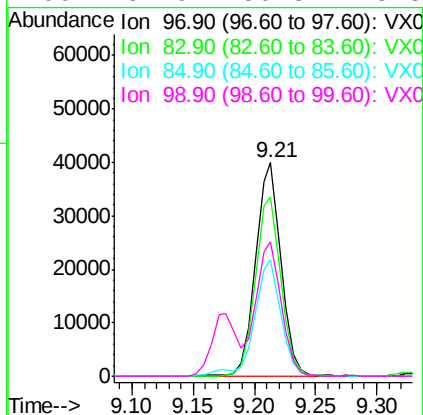
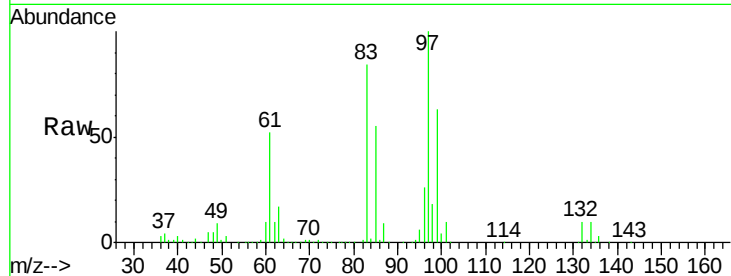
#55
 1,1,2-Trichloroethane
 Concen: 19.426 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion:	97	Resp:	58324
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	54.7	43.8	65.8
99	62.9	50.3	75.5

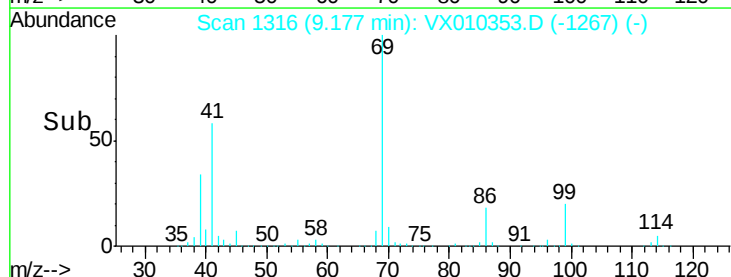
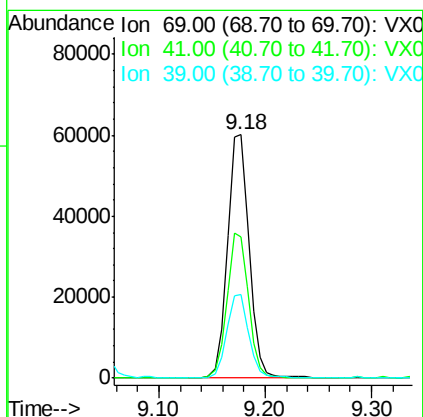
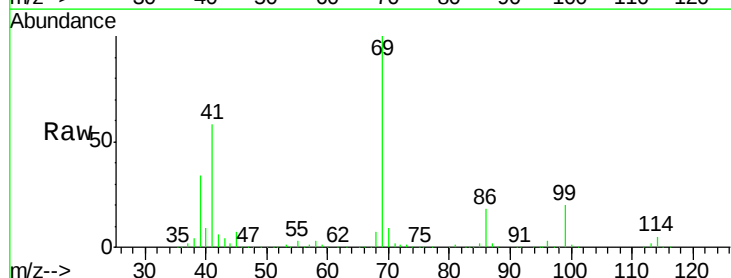
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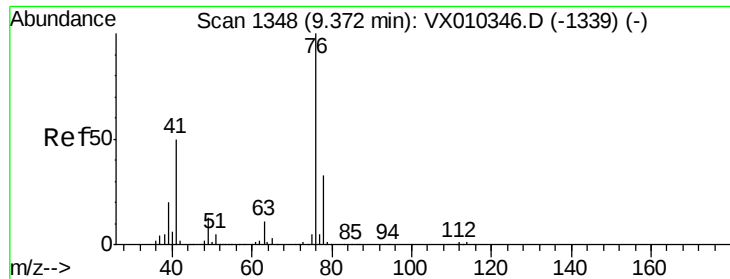
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#56
 Ethyl methacrylate
 Concen: 18.982 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion:	69	Resp:	86333
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.1	70.7
39	34.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.357 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

Tot Ion: 76 Resp: 90216

Ion Ratio Lower Upper

76 100

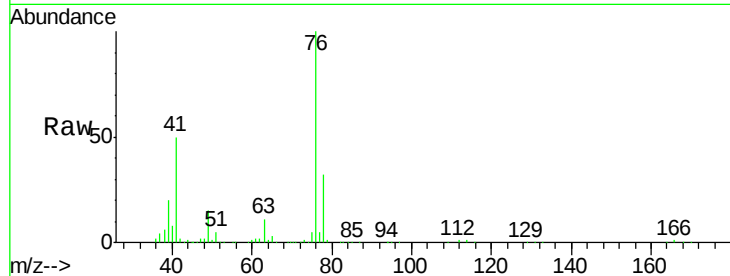
78 32.5 26.1 39.1

Manual Integrations

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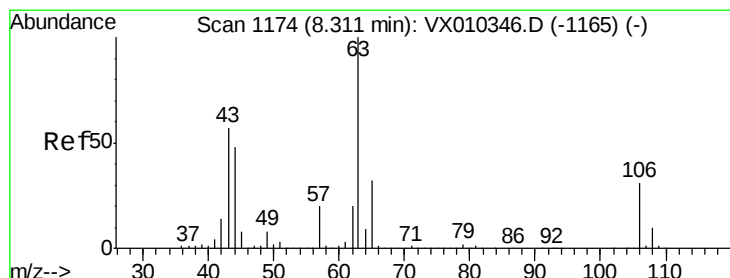
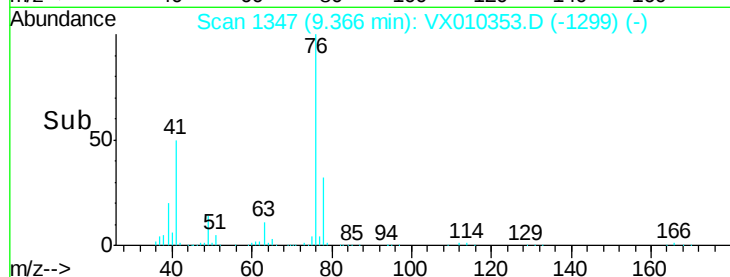
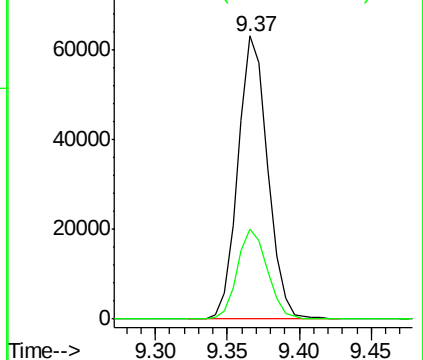
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.010 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010353.D

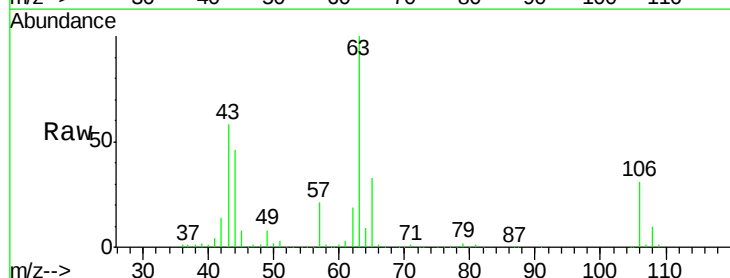
Acq: 20 Jun 2019 12:11

Tgt Ion: 63 Resp: 200904

Ion Ratio Lower Upper

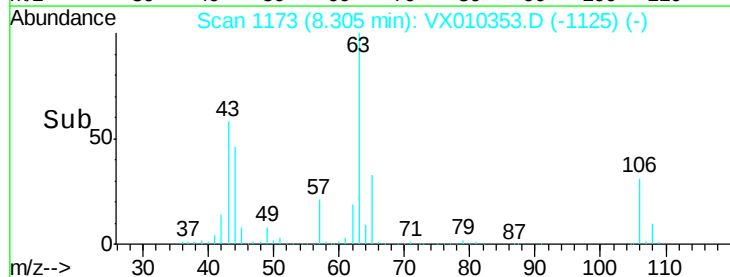
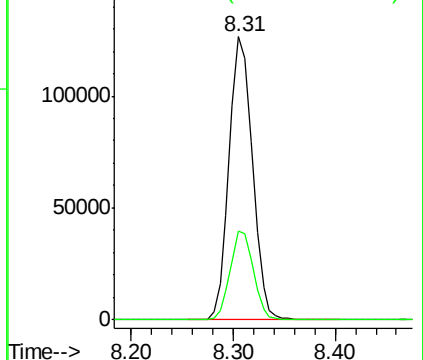
63 100

106 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





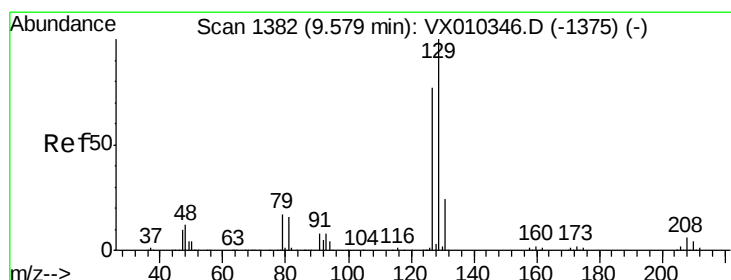
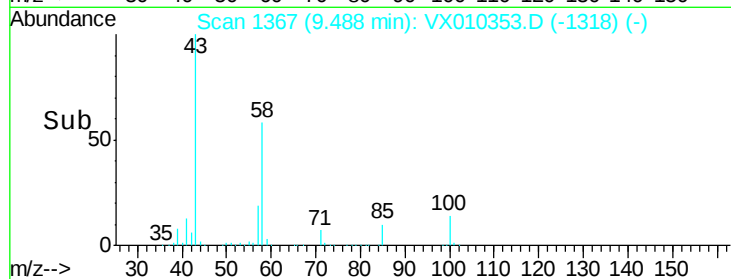
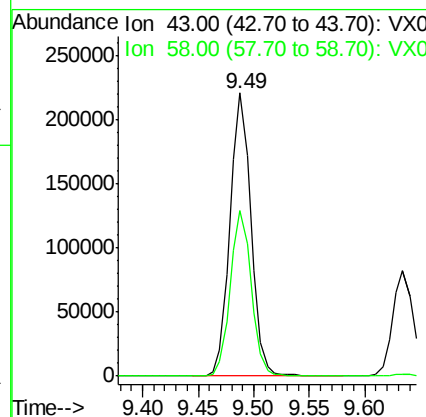
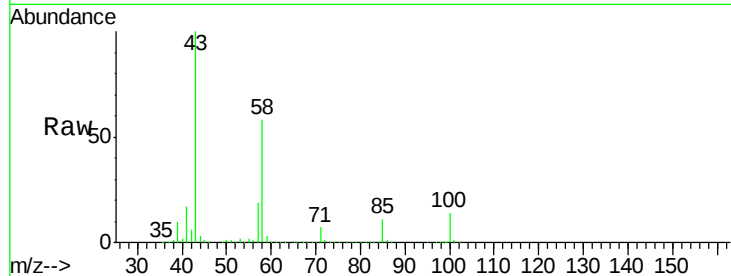
#59
2-Hexanone
Concen: 94.714 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion: 43 Resp: 287925
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.1

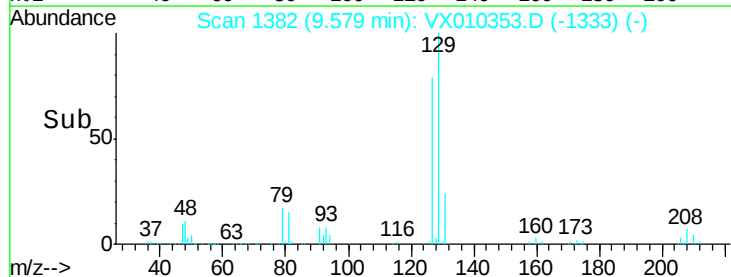
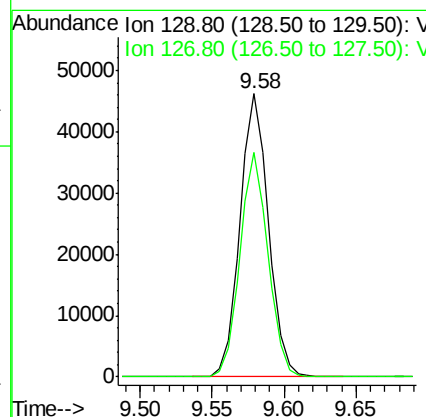
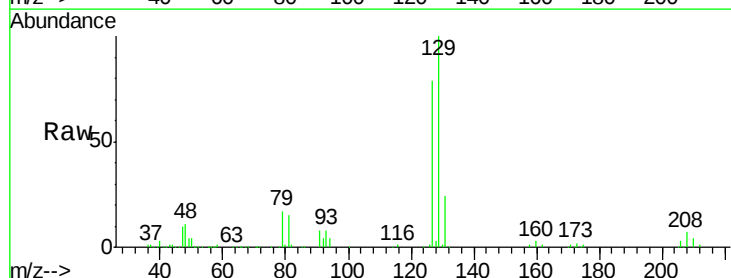
Manual Integrations
APPROVED

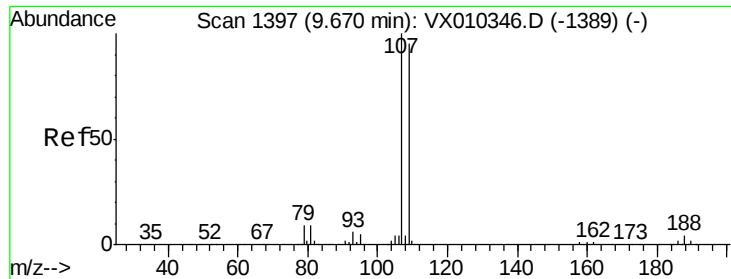
MMDadoda
6/21/2019 11:34:59 AM



#60
Dibromochloromethane
Concen: 18.916 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 129 Resp: 63589
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





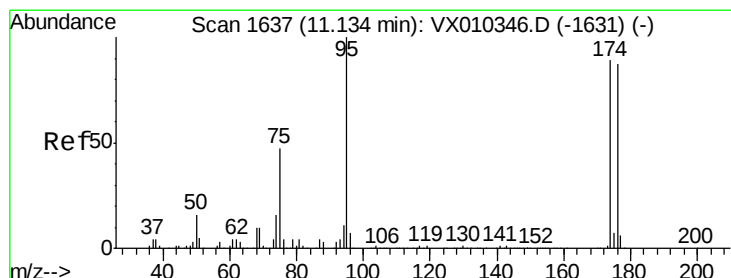
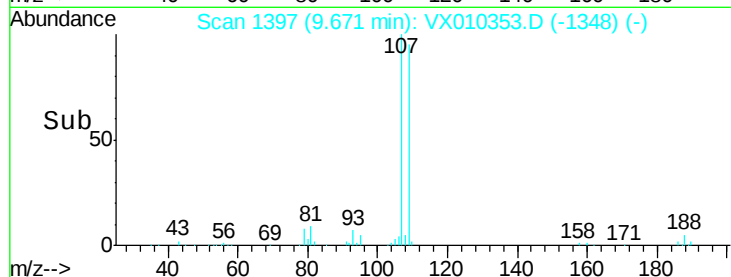
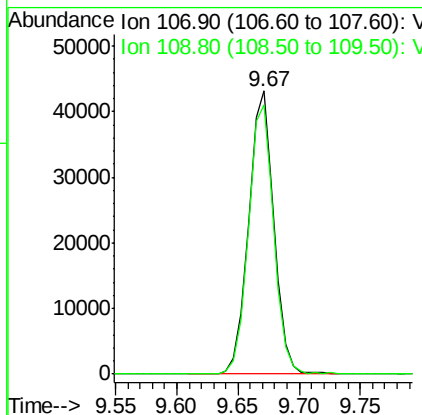
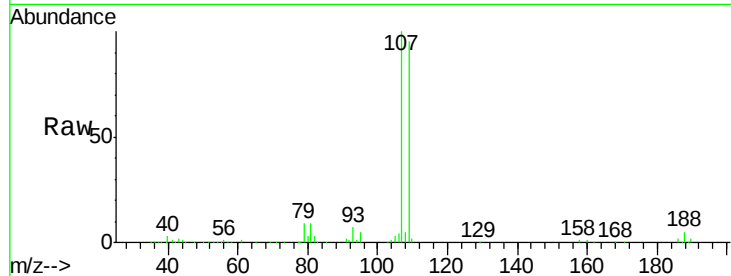
#61
 1,2-Dibromoethane
 Concen: 19.154 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.8	113.6

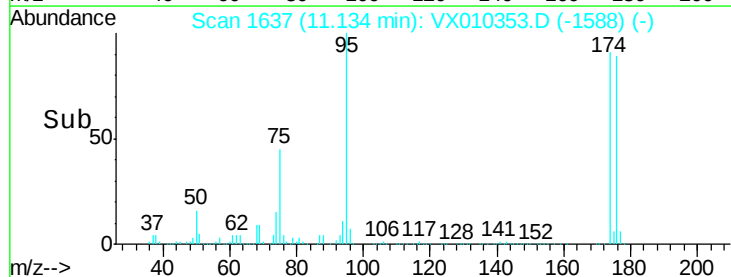
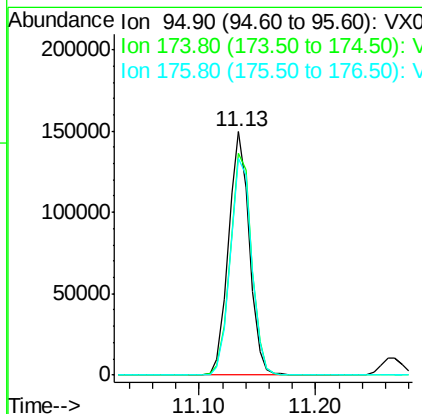
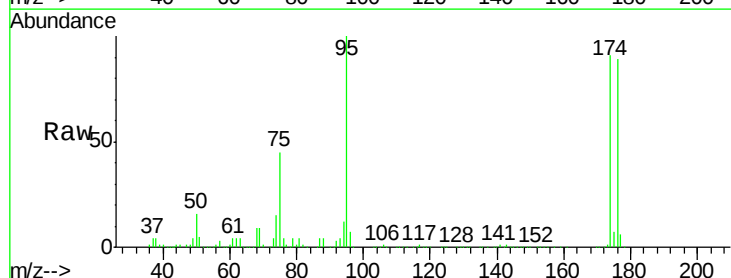
Manual Integrations
 APPROVED

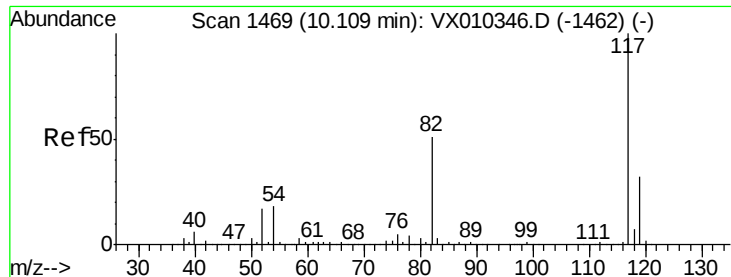
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.206 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.6
176	91.9	0.0	184.0





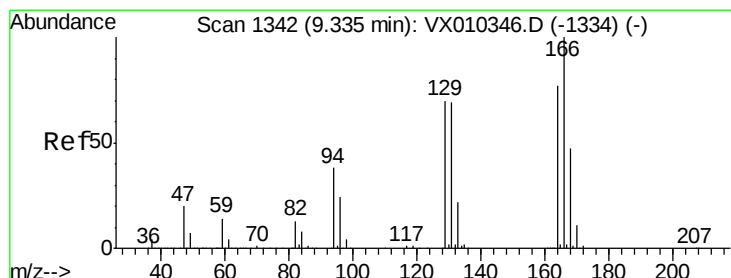
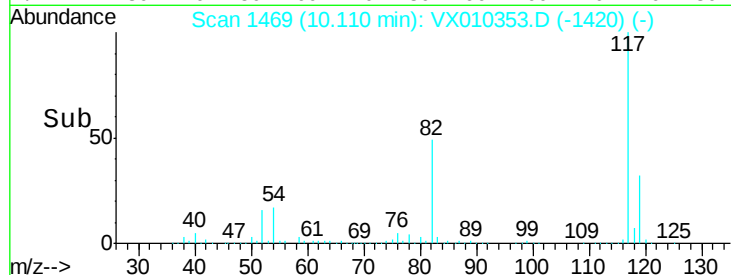
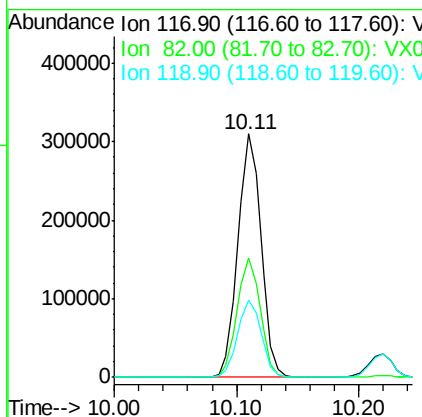
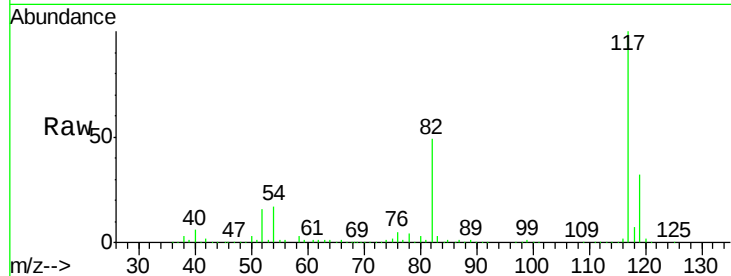
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404660		
82	49.2	41.2	61.8	
119	31.8	25.5	38.3	

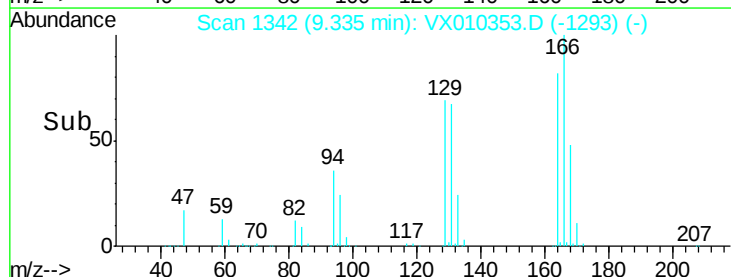
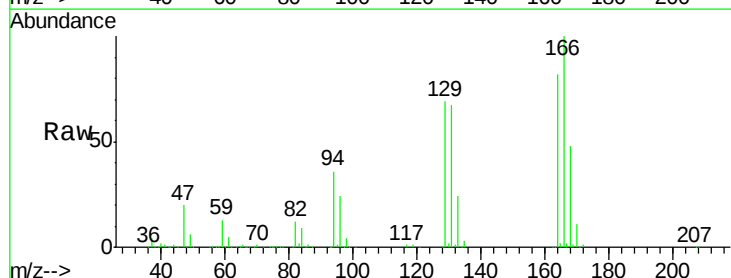
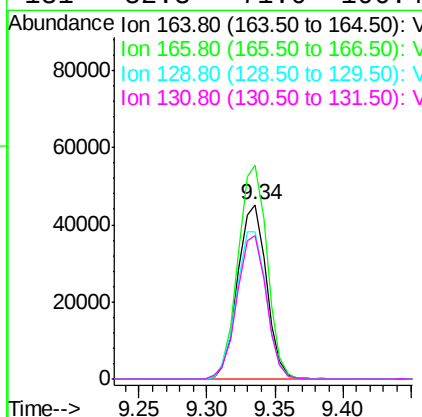
Manual Integrations
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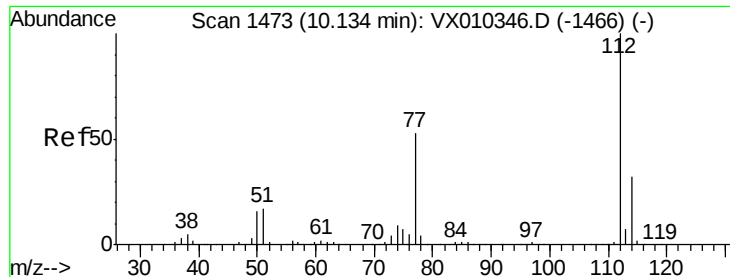
MMDadoda
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#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66604		
166	122.3	103.6	155.4	
129	84.3	73.0	109.4	
131	82.3	71.0	106.4	





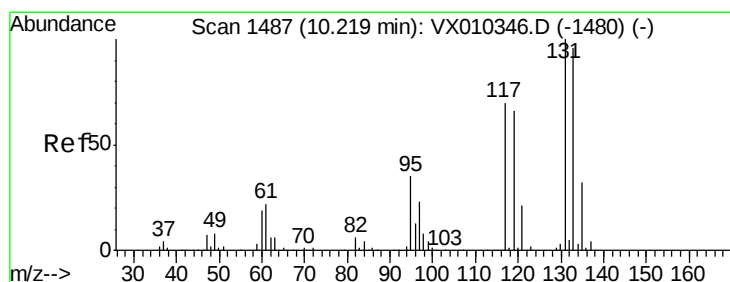
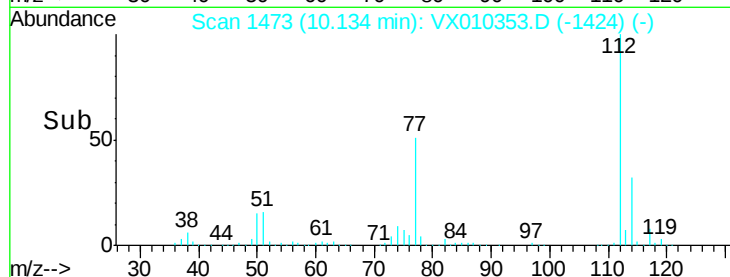
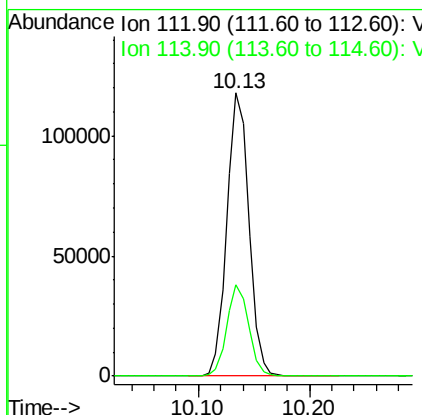
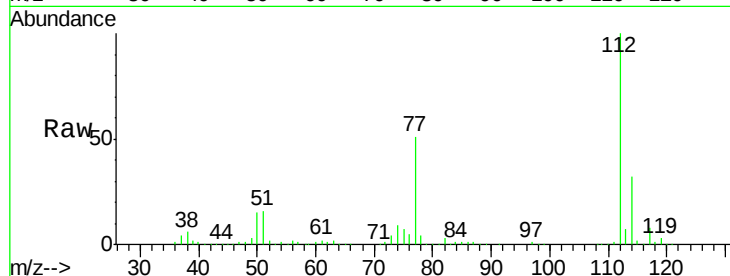
#65
Chlorobenzene
Concen: 19.673 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

Tot Ion:112 Resp: 161625
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

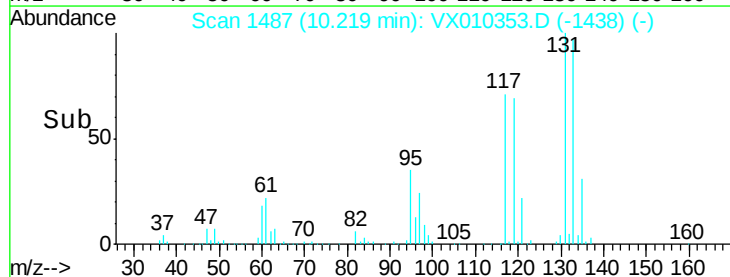
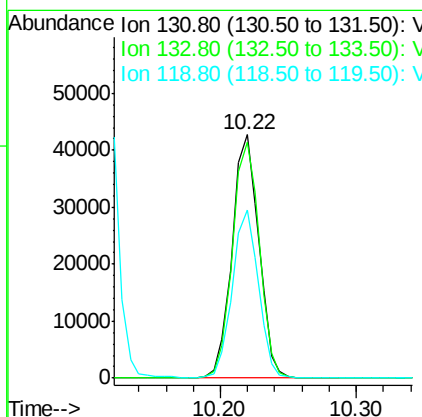
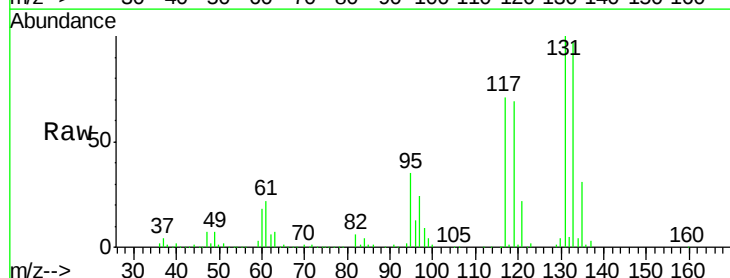
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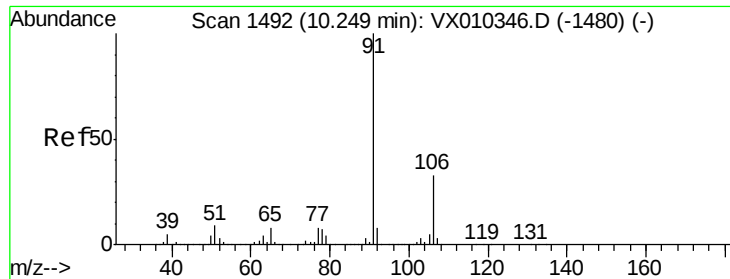
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.566 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:131 Resp: 58551
Ion Ratio Lower Upper
131 100
133 97.7 47.7 143.1
119 67.8 32.6 97.7





#67

Ethyl Benzene

Concen: 19.601 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

Tot Ion: 91 Resp: 271857

Ion Ratio Lower Upper

91 100

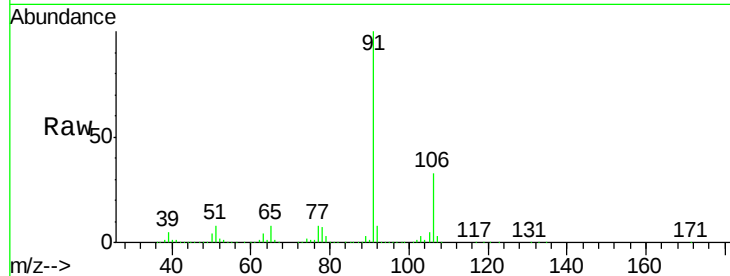
106 32.7 26.2 39.2

Manual Integrations

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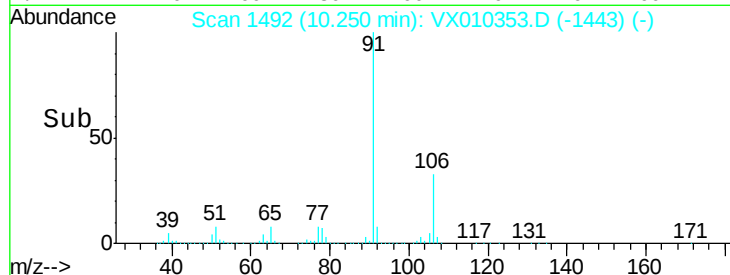
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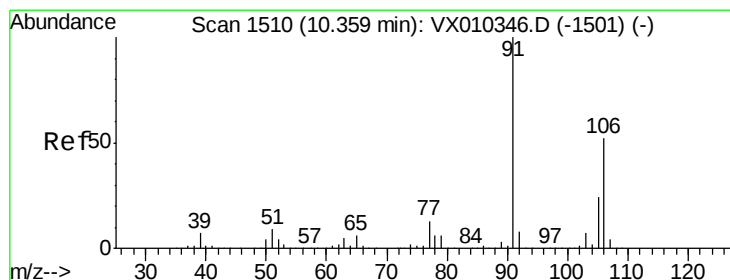


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)

Ion 106.00 (105.70 to 106.70): VX010346.D (-1480) (-)



Time-->



#68

m/p-Xylenes

Concen: 39.605 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010353.D

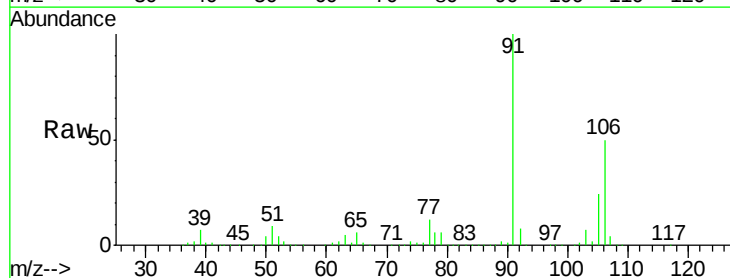
Acq: 20 Jun 2019 12:11

Tgt Ion: 106 Resp: 212839

Ion Ratio Lower Upper

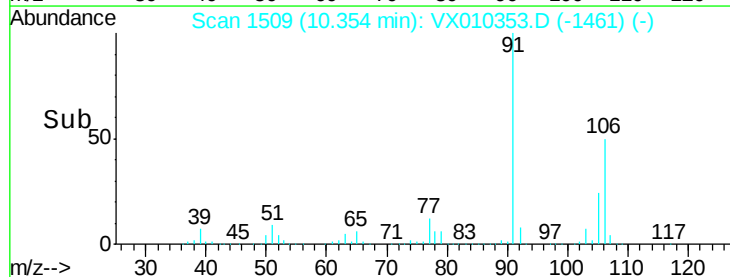
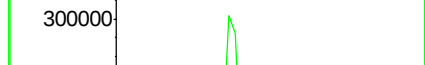
106 100

91 194.5 155.3 232.9

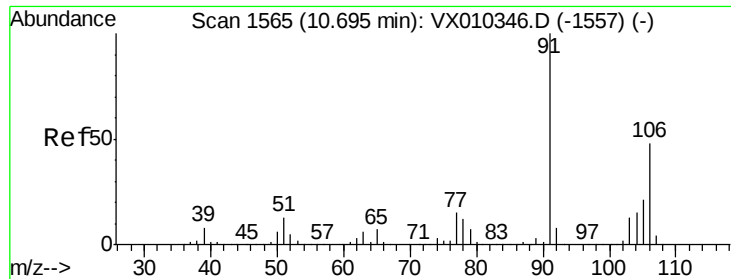


Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1501) (-)



Time-->



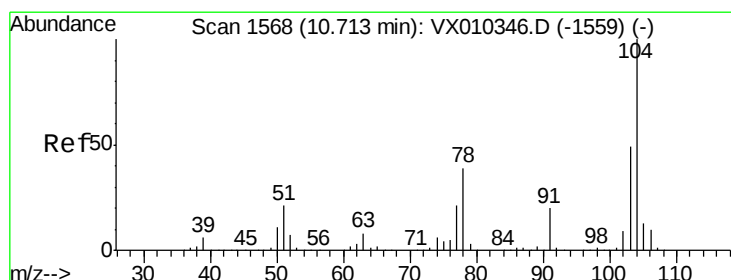
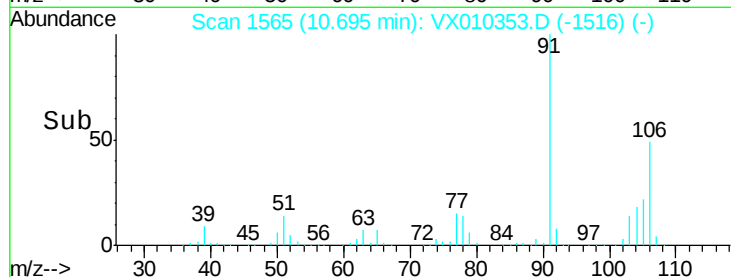
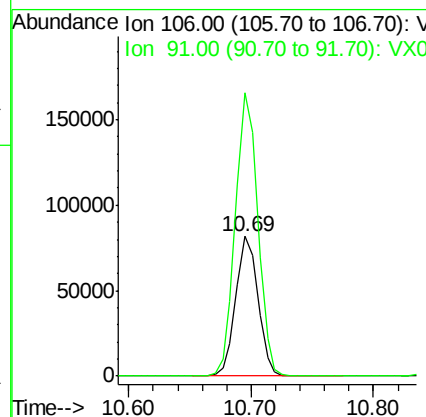
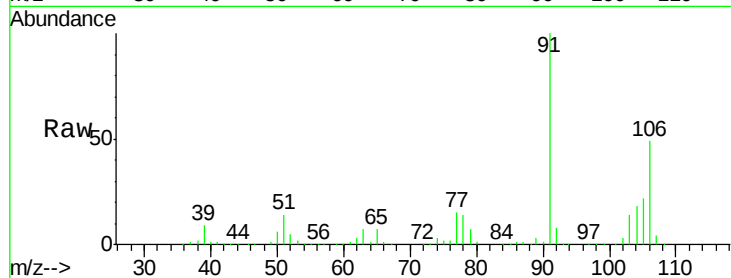
#69
o-Xylene
Concen: 19.403 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion:106 Resp: 102544
Ion Ratio Lower Upper
106 100
91 204.3 102.7 308.1

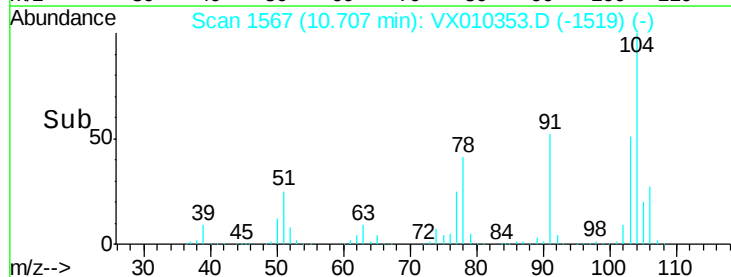
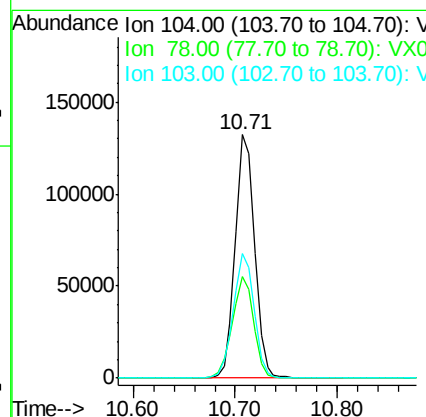
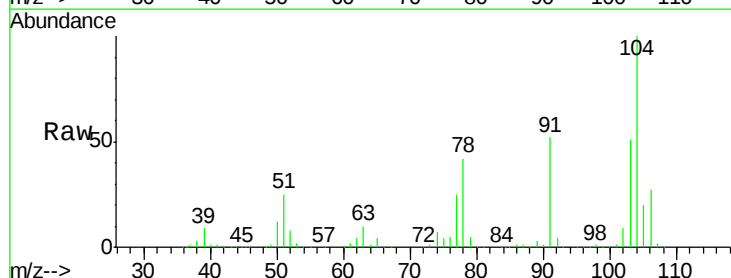
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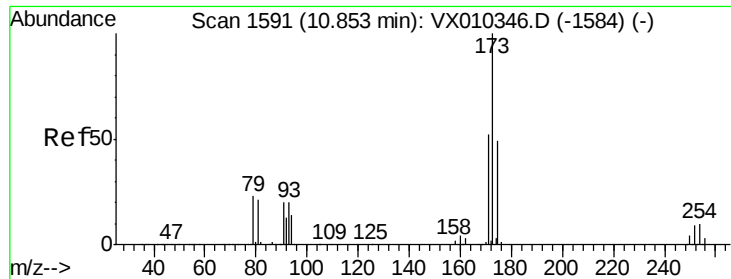
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#70
Styrene
Concen: 19.528 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:104 Resp: 173075
Ion Ratio Lower Upper
104 100
78 46.1 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 19.323 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion:173 Resp: 50285

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

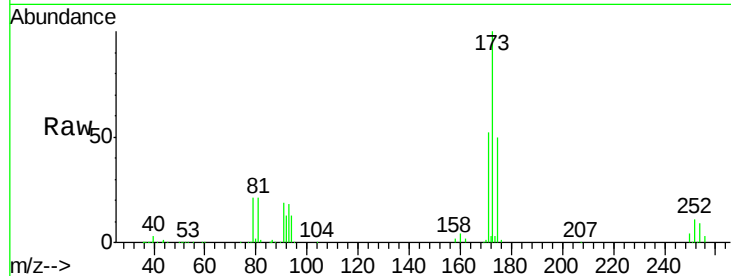
254 0.1 0.2 0.2#

Manual Integrations

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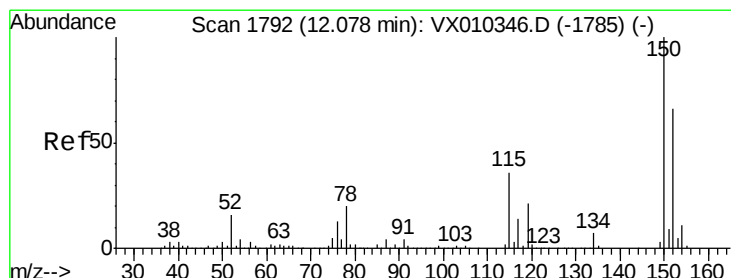
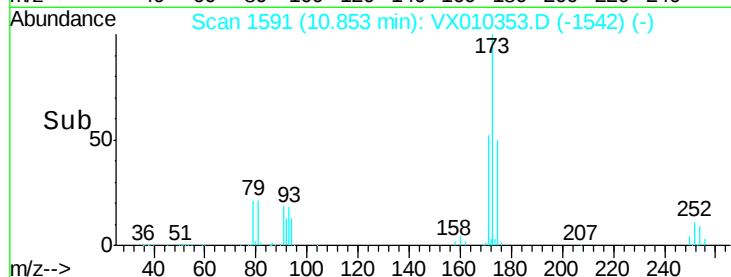
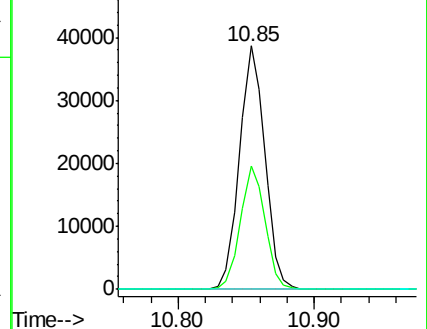
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

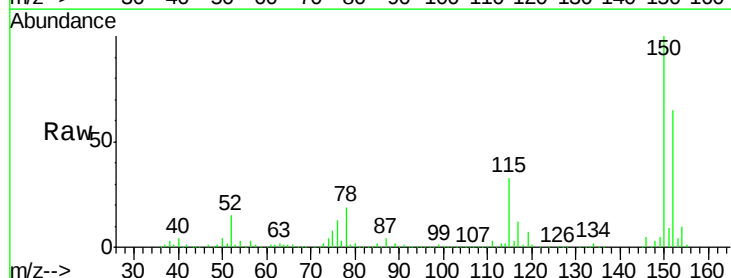
Tgt Ion:152 Resp: 208980

Ion Ratio Lower Upper

152 100

115 62.6 38.6 115.7

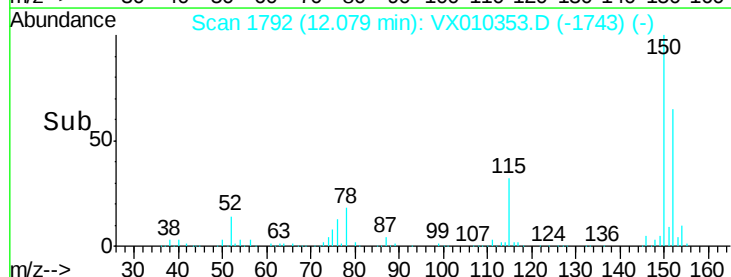
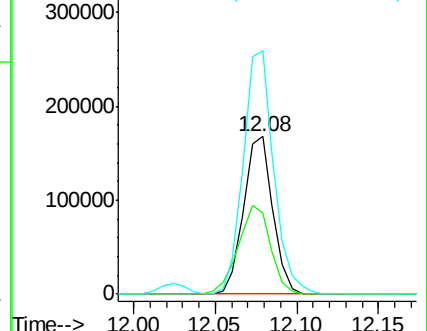
150 161.7 0.0 347.4

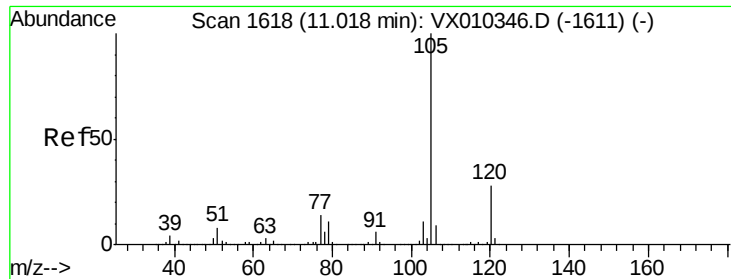


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.455 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 105 Resp: 275598

Ion Ratio Lower Upper

105 100

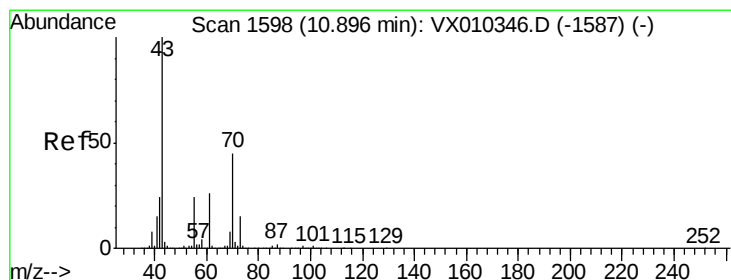
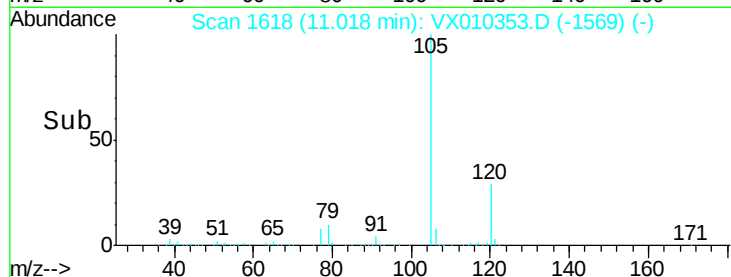
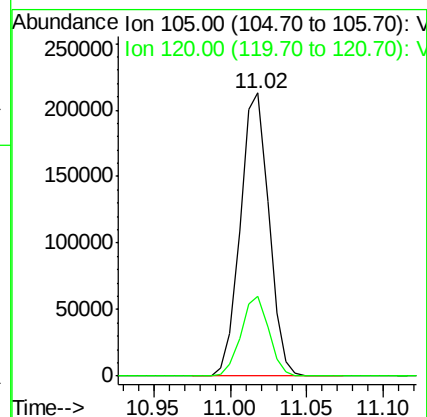
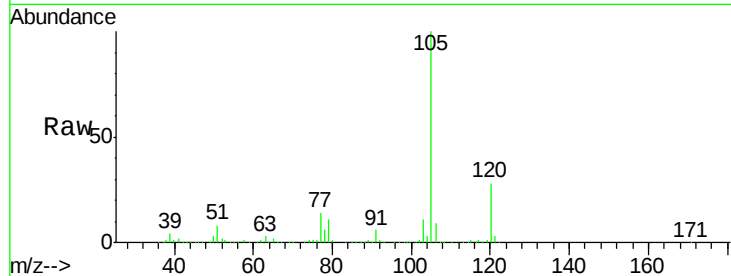
120 27.6 14.1 42.4

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#74

N-ethyl acetate

Concen: 18.989 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion: 43 Resp: 101661

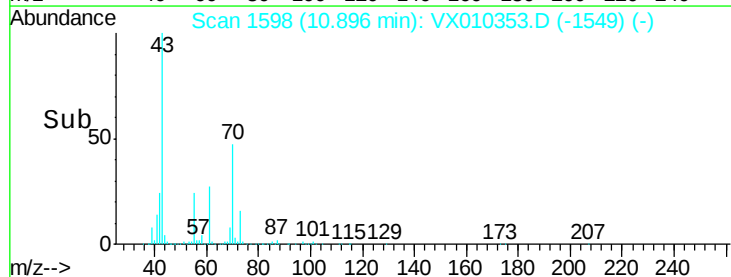
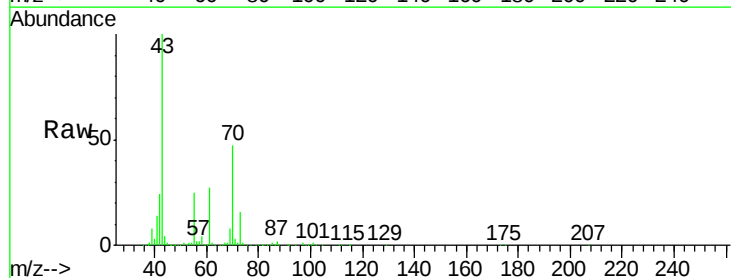
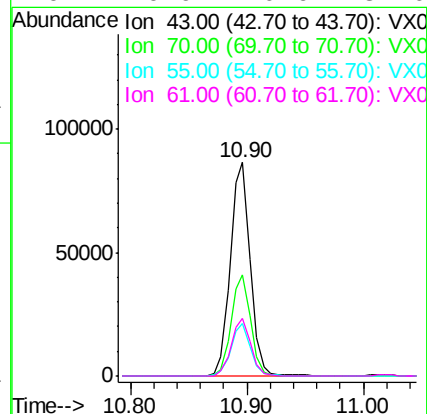
Ion Ratio Lower Upper

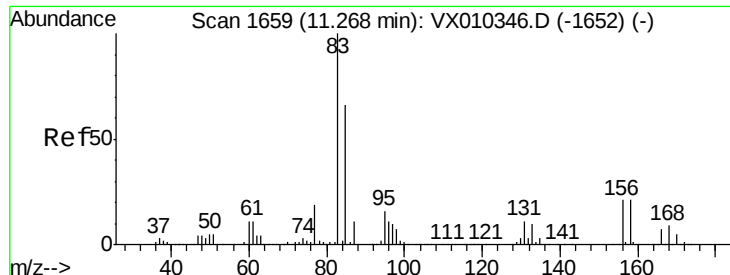
43 100

70 46.6 36.6 54.8

55 24.5 18.7 28.1

61 26.9 20.6 31.0





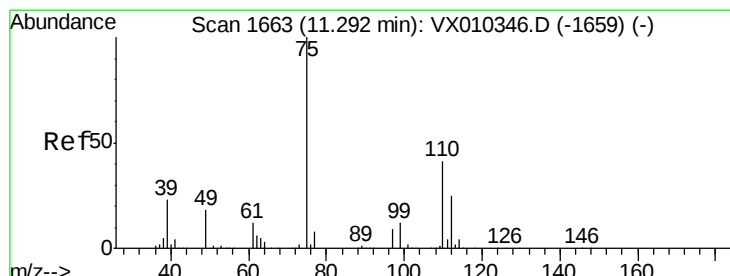
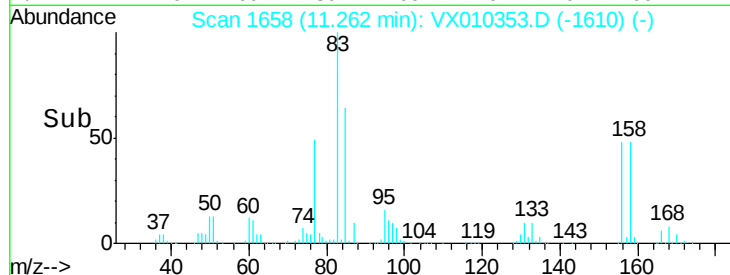
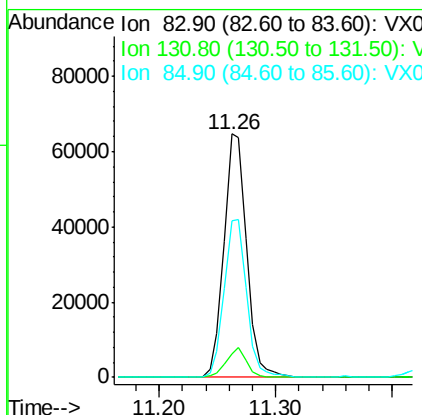
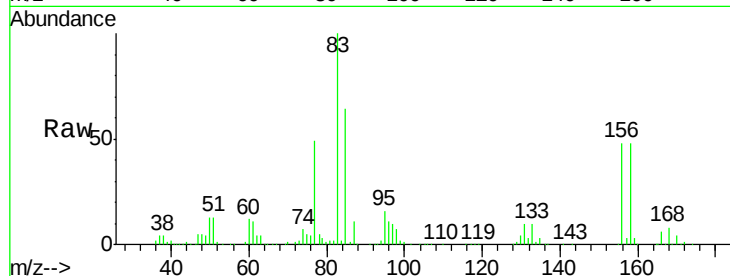
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.612 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	83	Resp	87318
Ion Ratio	100	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	64.5	32.3	96.8

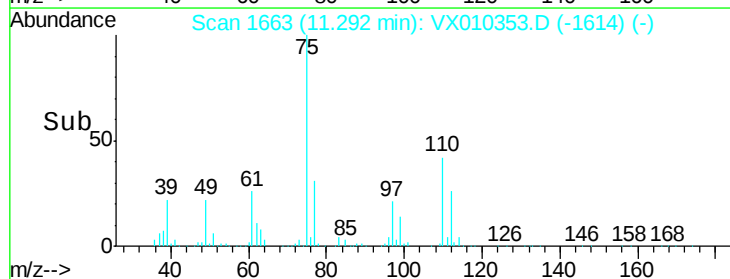
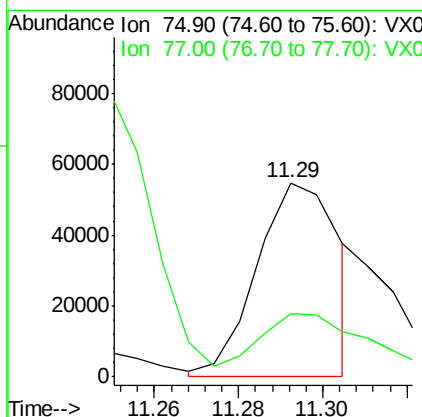
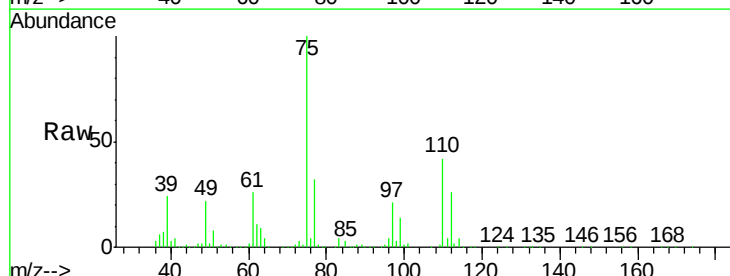
Manual Integrations
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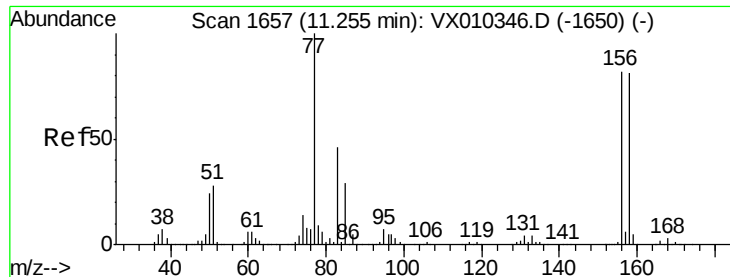
MMDadoda
 6/21/2019 11:34:59 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.467 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	75	Resp	74135
Ion Ratio	100	Lower	Upper
75	100		
77	44.3	22.6	67.8





#77

Bromobenzene

Concen: 18.817 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

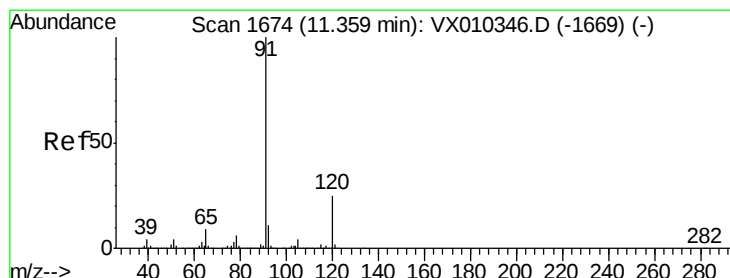
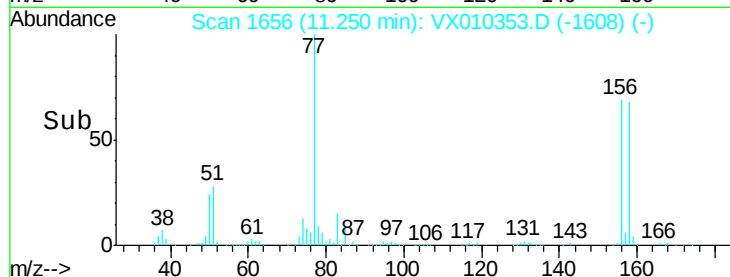
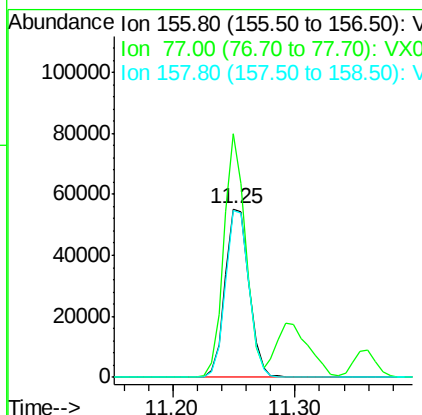
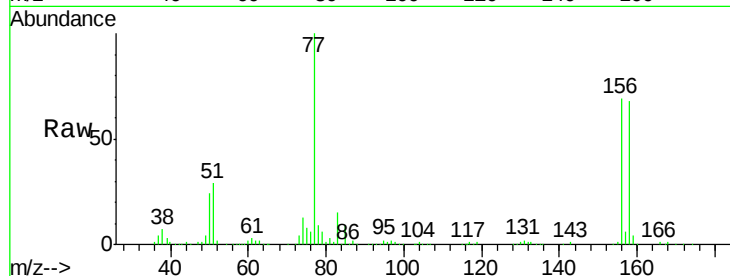
ClientSampleId :

VX0620WBS01

Tot Ion:	156	Resp:	74432
Ion Ratio	Lower	Upper	
156	100		
77	131.9	66.3	198.7
158	97.2	48.9	146.7

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#78

n-propylbenzene

Concen: 19.597 ug/l

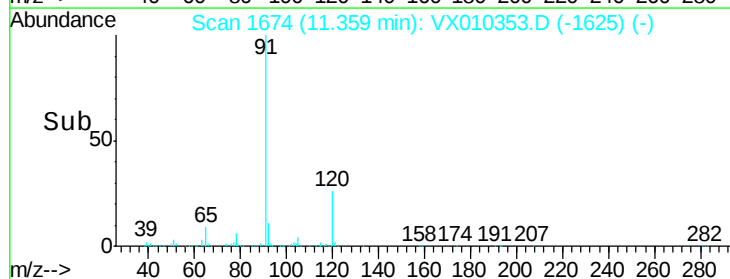
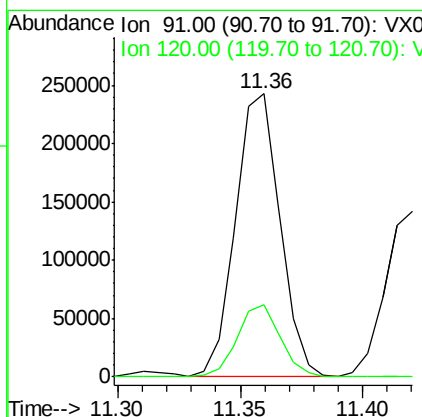
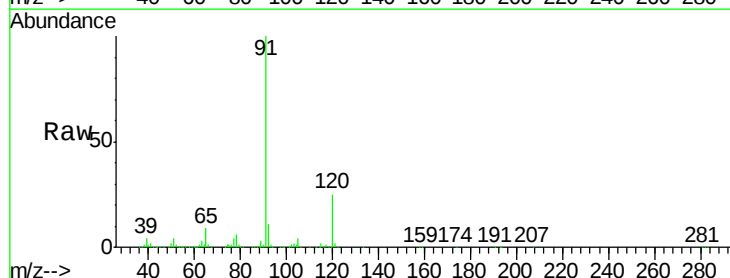
RT: 11.36 min Scan# 1674

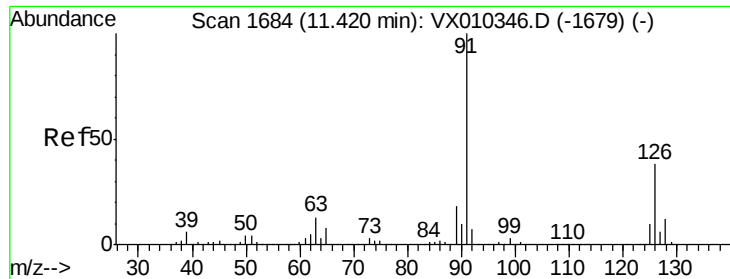
Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	91	Resp:	305120
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.4





#79

2-Chlorotoluene

Concen: 19.229 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tot Ion: 91 Resp: 178274

Ion Ratio Lower Upper

91 100

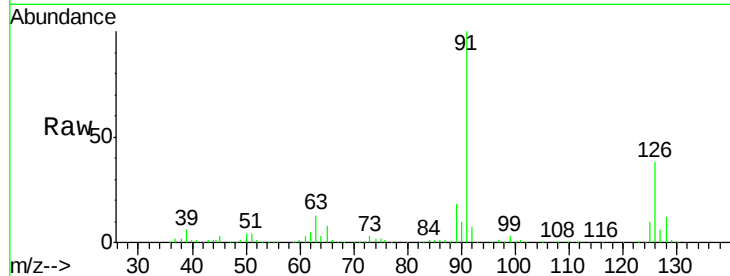
126 38.0 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

250000

200000

150000

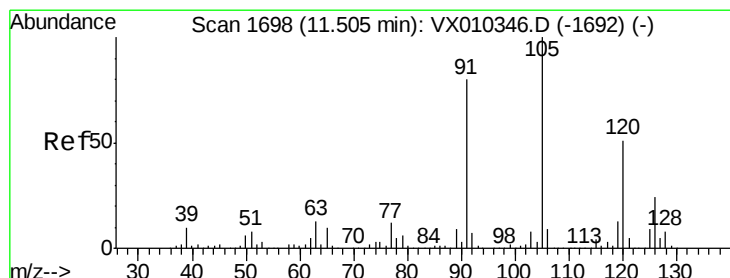
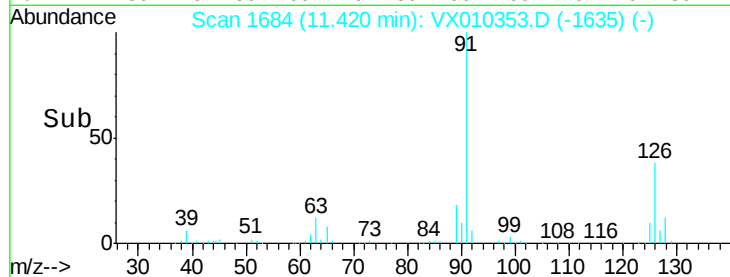
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.496 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010353.D

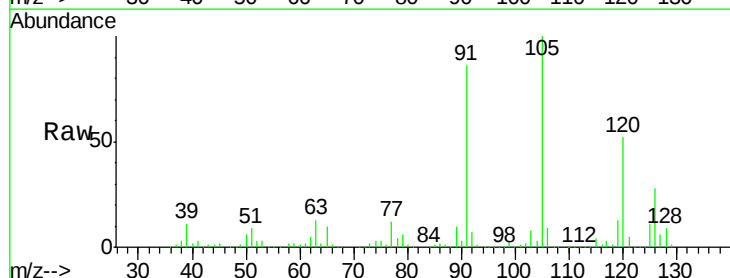
Acq: 20 Jun 2019 12:11

Tgt Ion:105 Resp: 227680

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

200000

150000

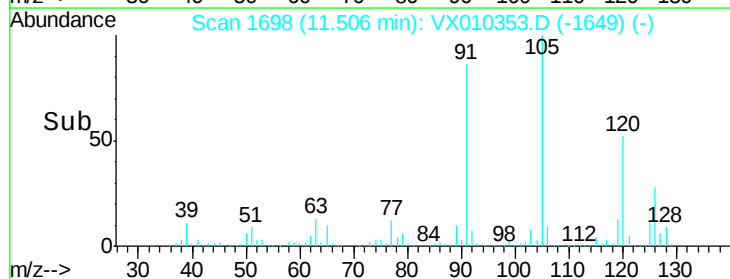
100000

50000

0

11.50 11.51 11.52 11.53

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.422 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

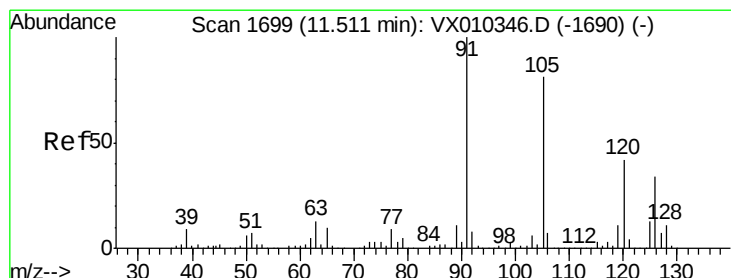
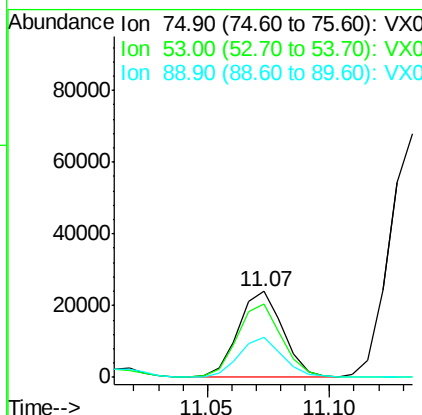
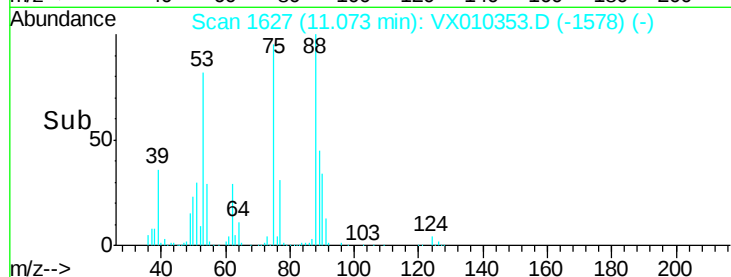
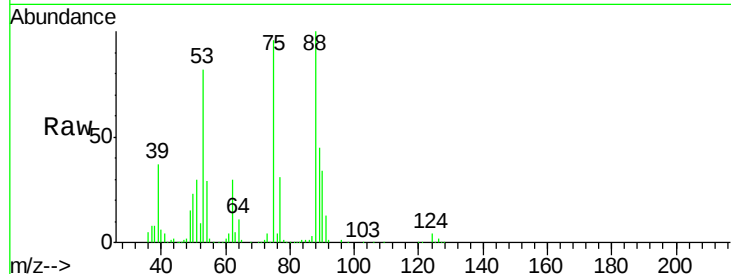
ClientSampled :

VX0620WBS01

Tot Ion:	75	Resp:	30071
Ion	Ratio	Lower	Upper
75	100		
53	86.0	66.1	99.1
89	46.7	37.8	56.6

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#82

4-Chlorotoluene

Concen: 19.154 ug/l

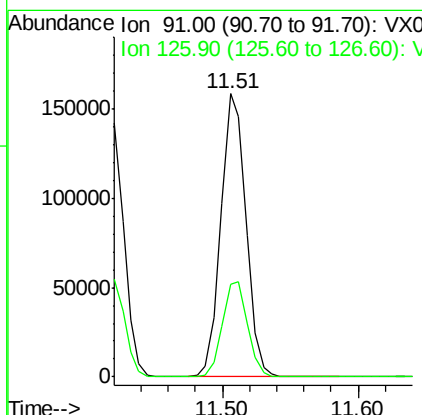
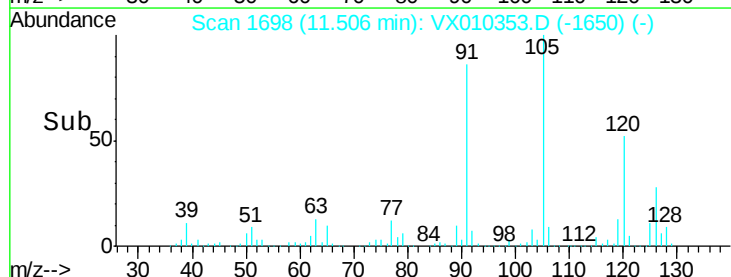
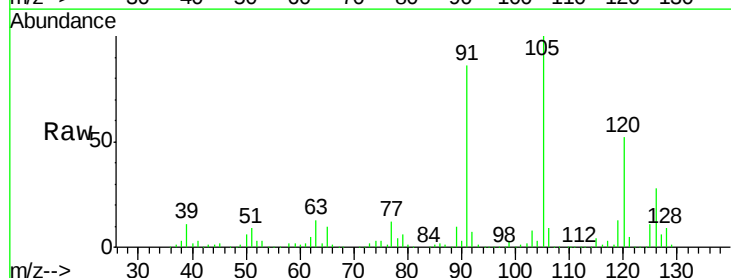
RT: 11.51 min Scan# 1698

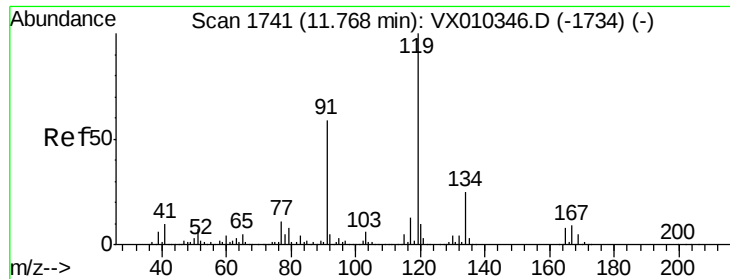
Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	91	Resp:	202066
Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.2	48.6





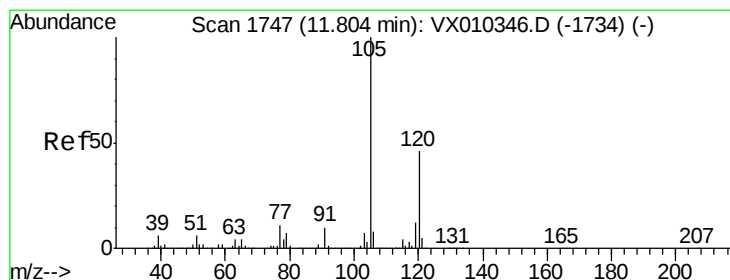
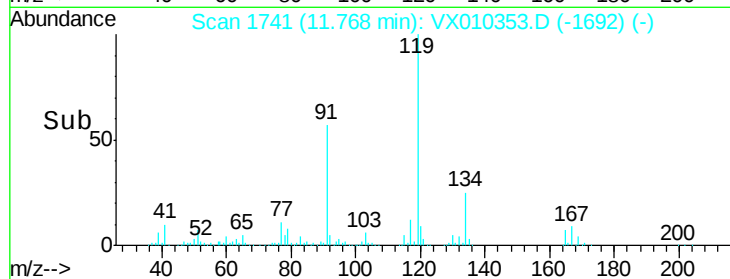
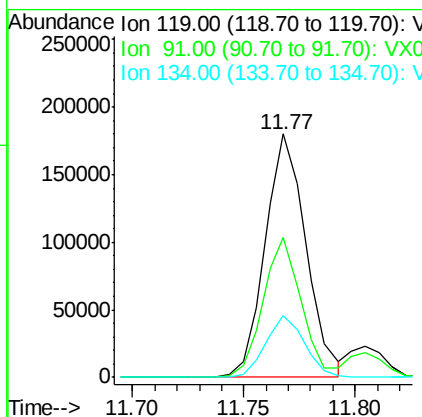
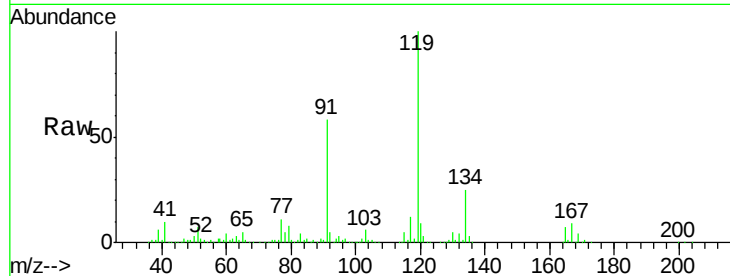
#83
 tert-Butylbenzene
 Concen: 19.505 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	228621		
91	54.3		27.6	82.7
134	24.0		11.8	35.4

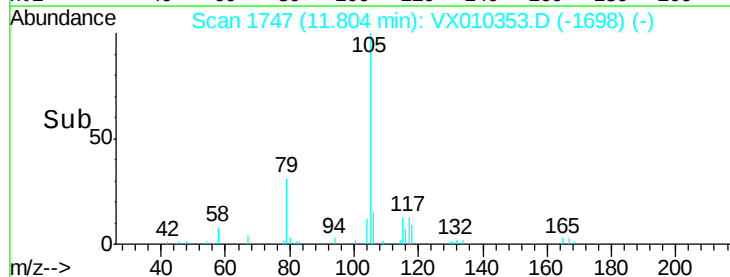
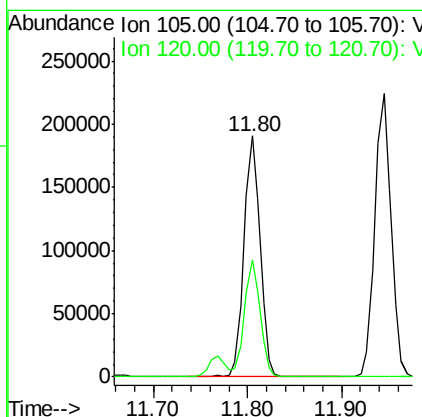
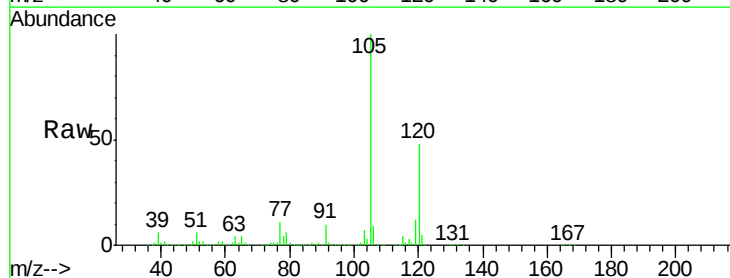
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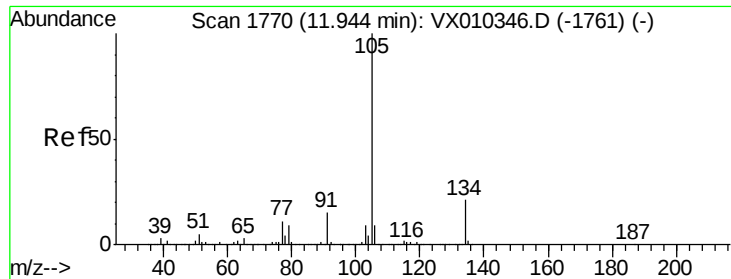
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.484 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228605		
120	47.1		23.1	69.2





#85

sec-Butylbenzene

Concen: 19.601 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

Tot Ion:105 Resp: 269753

Ion Ratio Lower Upper

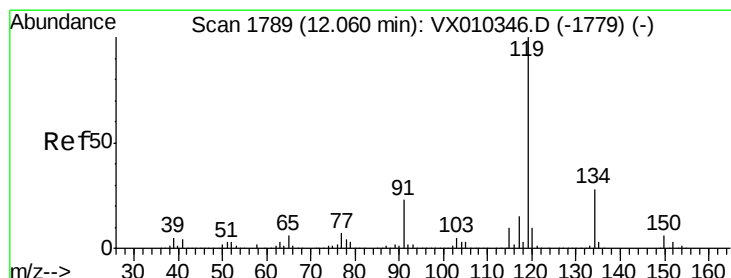
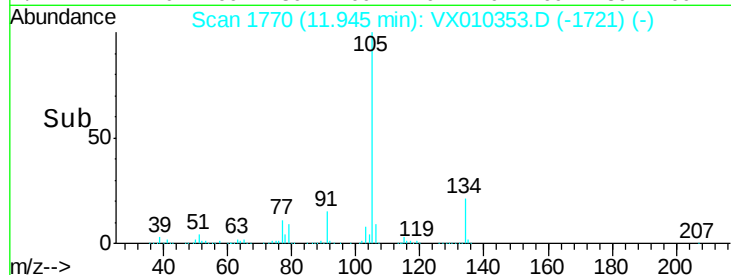
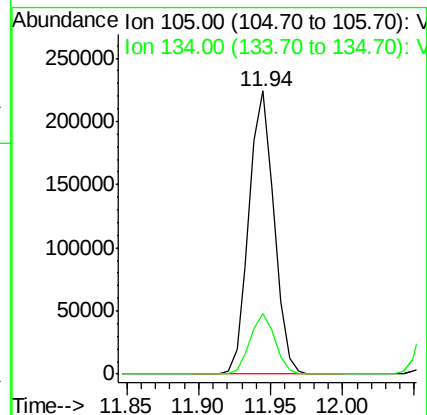
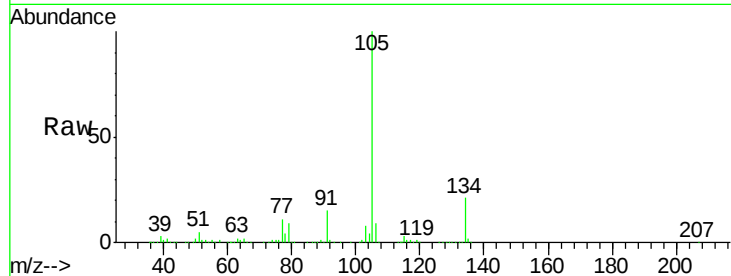
105 100

134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.644 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

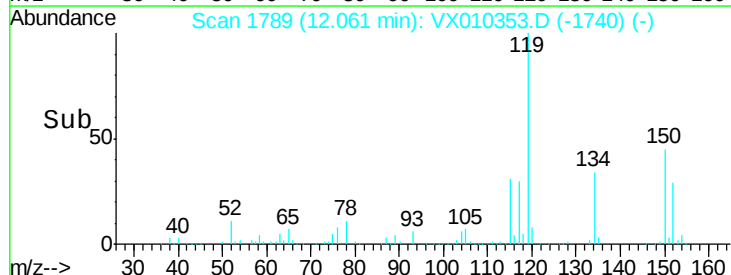
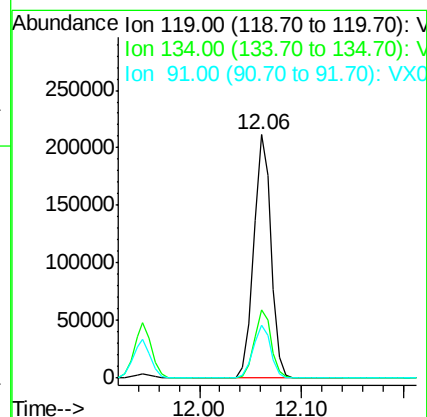
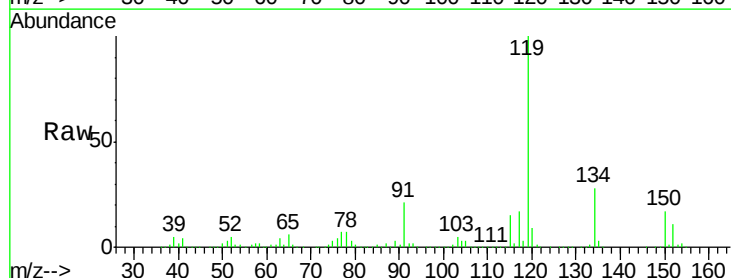
Tgt Ion:119 Resp: 250072

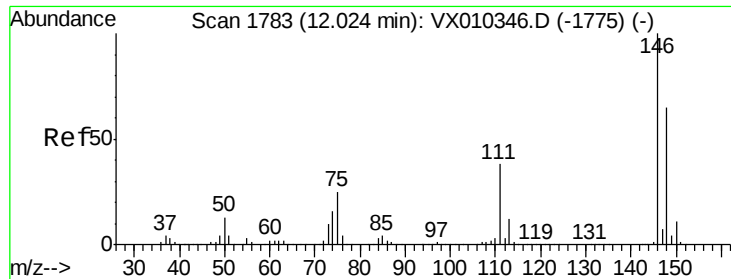
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.1 11.3 33.8





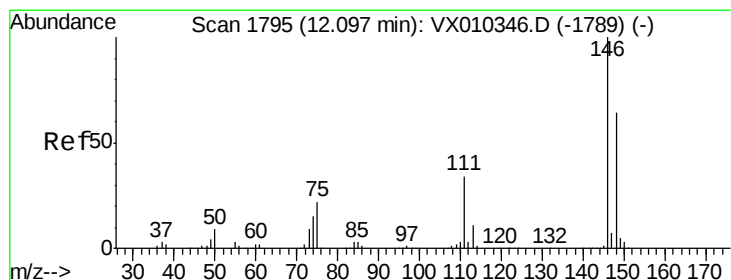
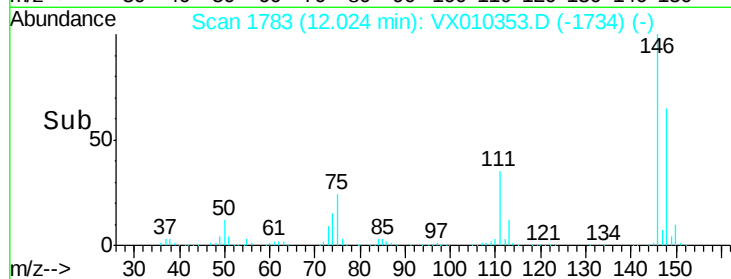
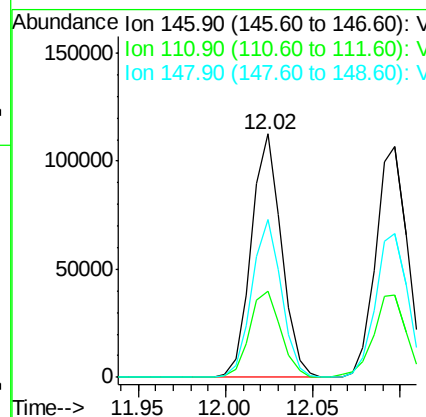
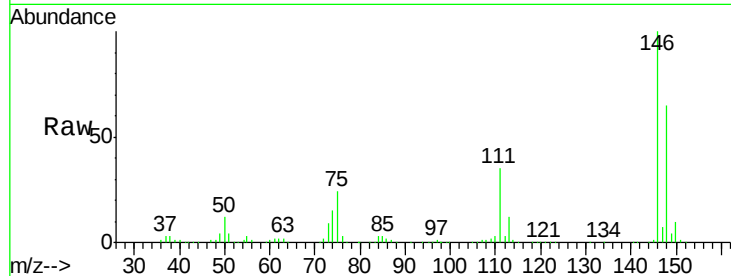
#87
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.1
148	64.0	32.5	97.4

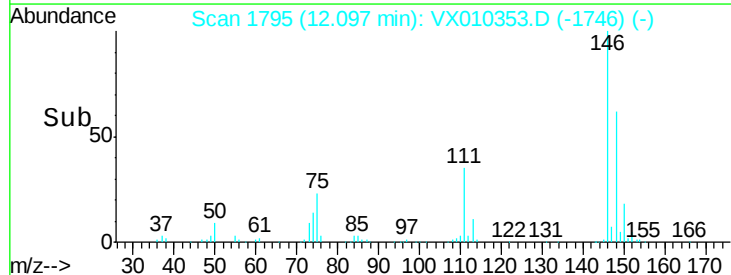
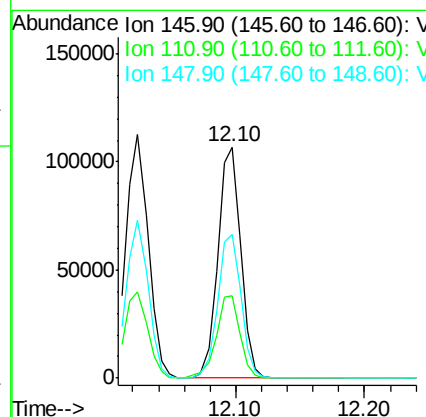
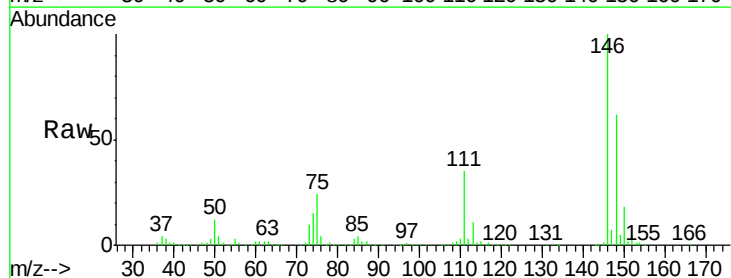
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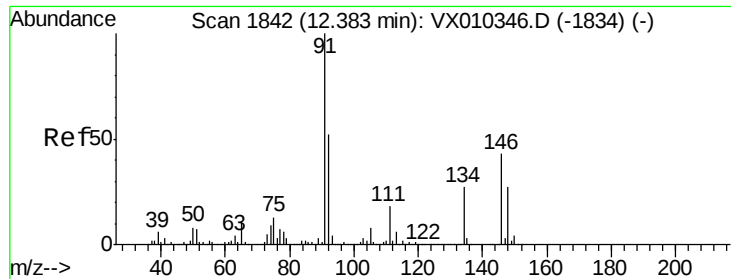
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#88
 1,4-Dichlorobenzene
 Concen: 19.065 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	63.4	32.1	96.3





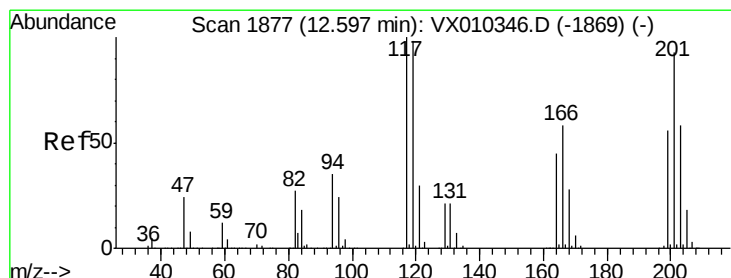
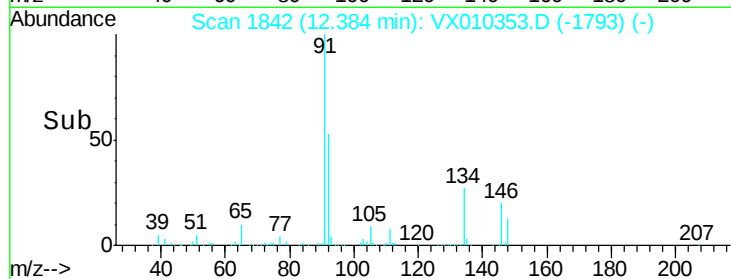
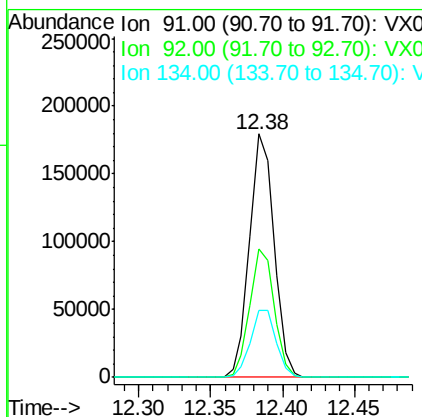
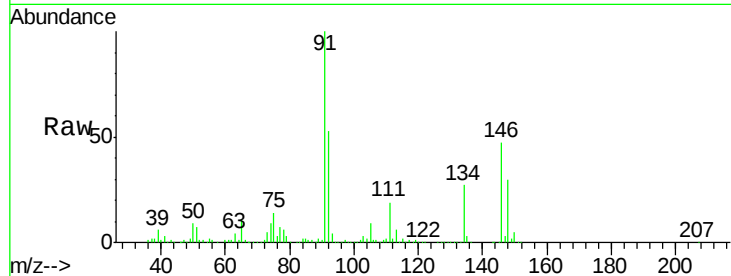
#89
n-Butylbenzene
Concen: 19.584 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		211841		
92	52.6	26.2	78.5		
134	28.4	14.1	42.4		

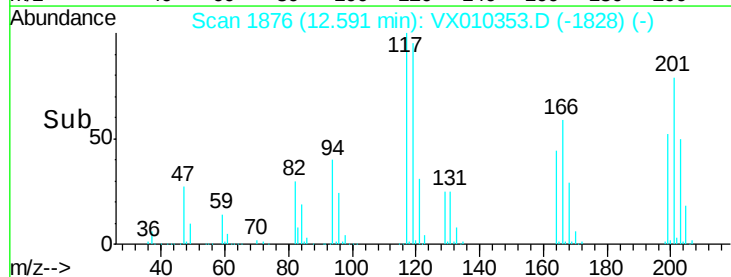
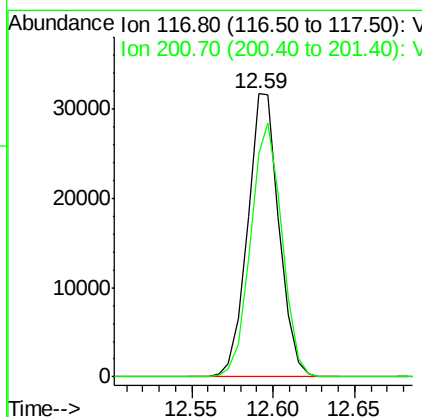
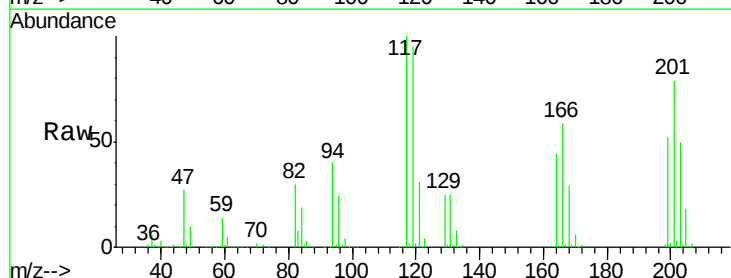
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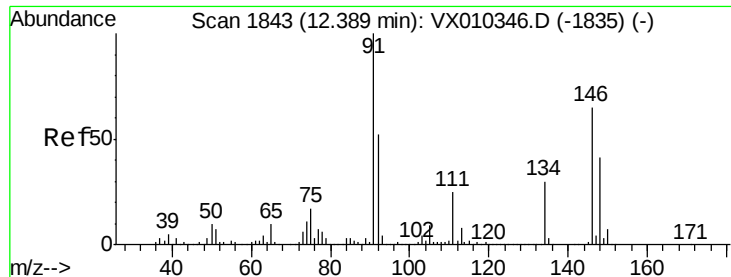
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#90
Hexachloroethane
Concen: 19.377 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		42651		
201	88.7	44.0	131.8		





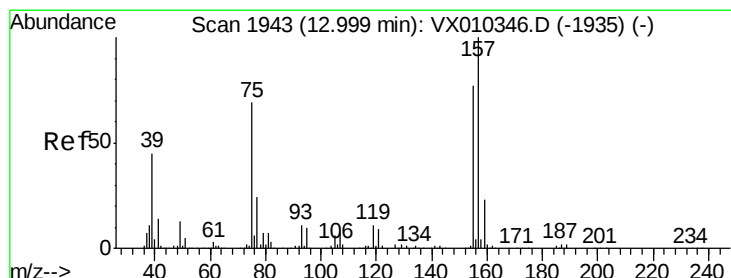
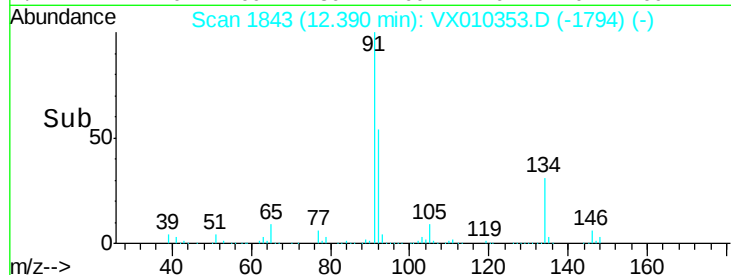
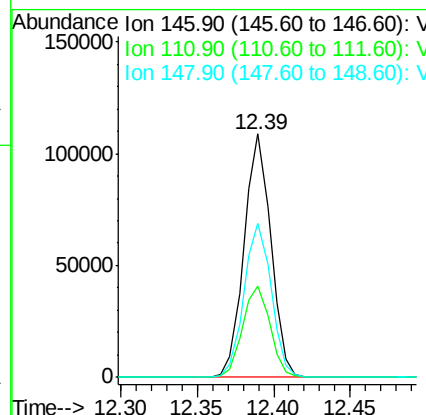
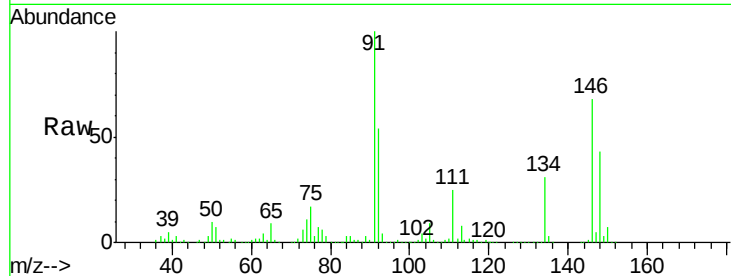
#91
 1,2-Dichlorobenzene
 Concen: 19.267 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132221		
111	38.4	19.2	57.6	
148	64.3	32.0	96.0	

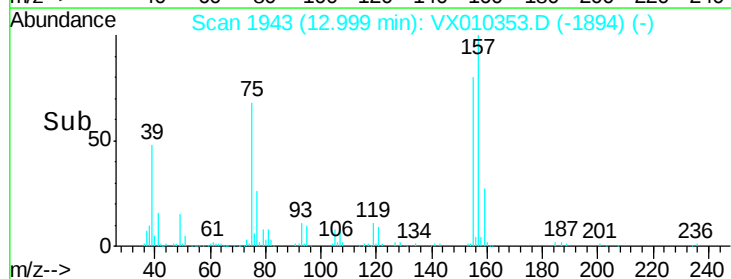
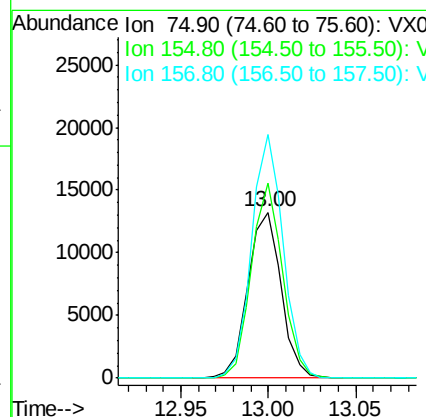
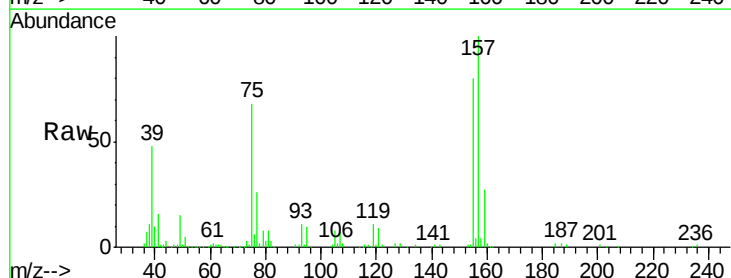
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.243 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17441		
155	111.0	54.4	163.1	
157	139.7	69.5	208.3	





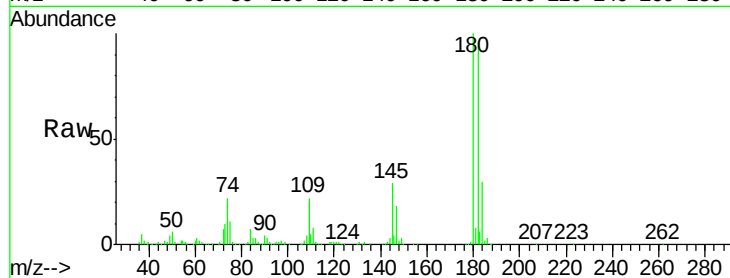
#93
1,2,4-Trichlorobenzene
Concen: 19.610 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	48.0	144.0	
145	28.9	14.4	43.4	

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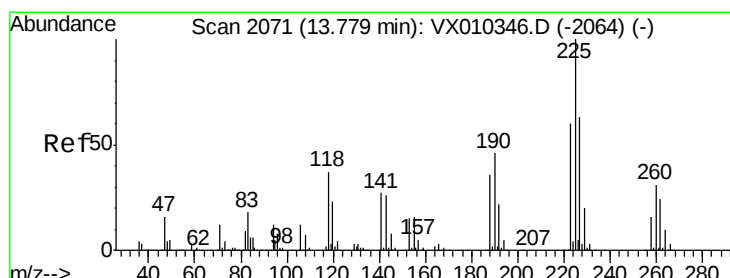
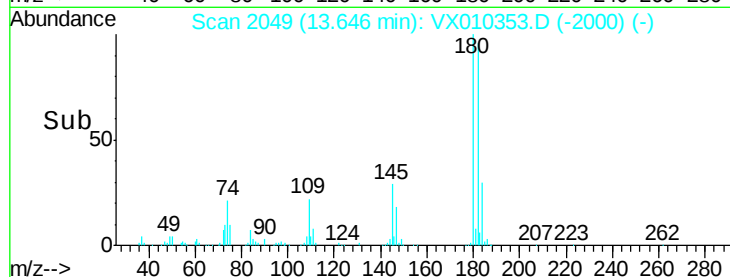
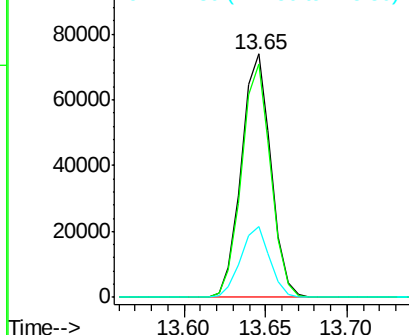


Abundance

Ion 179.80 (179.50 to 180.50): V

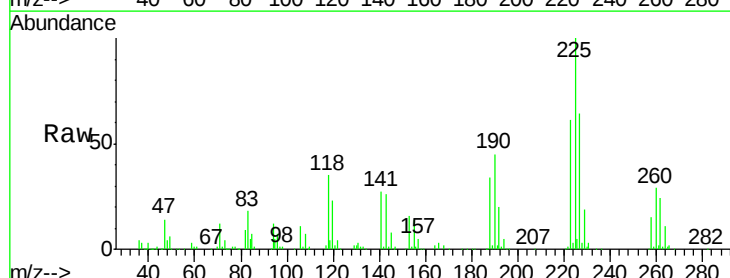
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.905 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	30.9	92.7	
227	62.4	31.9	95.5	

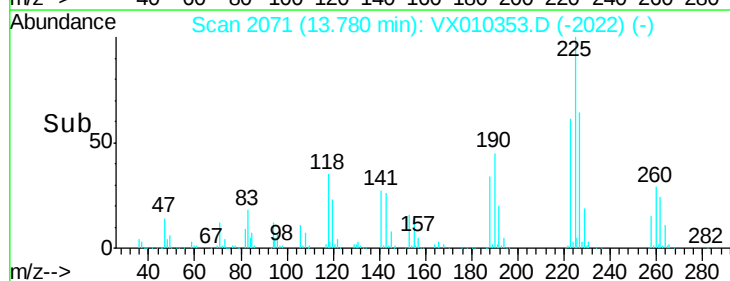
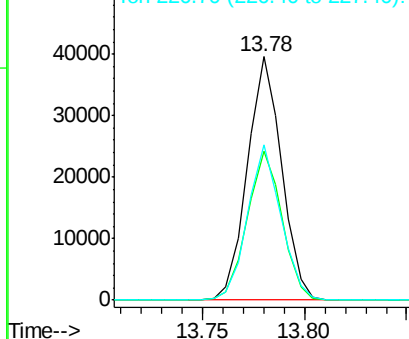


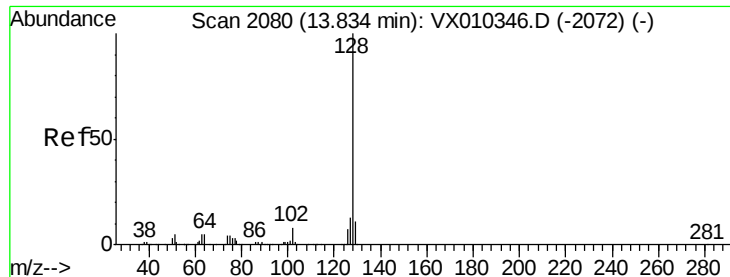
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.131 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

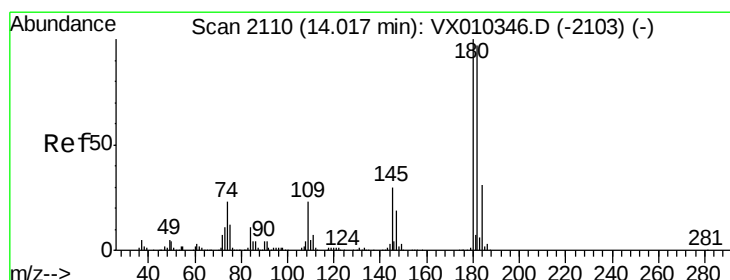
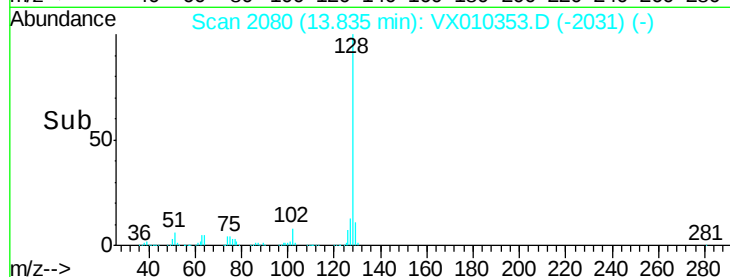
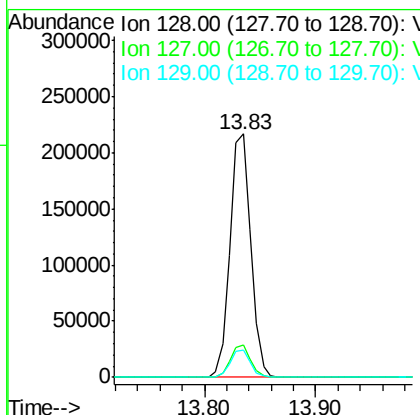
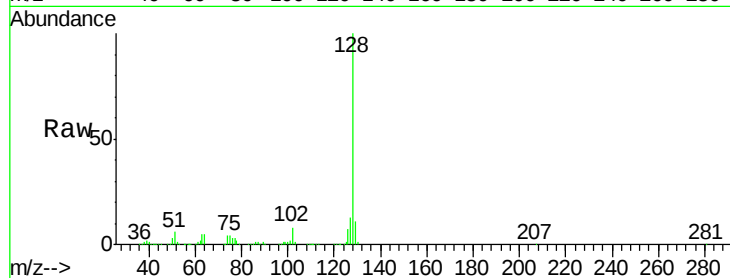
ClientSampleId :

VX0620WBS01

Tot Ion:	128	Resp:	279785
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/21/2019 11:34:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.574 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion:	180	Resp:	92619
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.8	143.3
145	30.3	15.2	45.6

