

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010683.D
 Acq On : 04 Jul 2019 11:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:59:03 AM

Quant Time: Jul 05 04:46:02 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	146504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107610	78.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.68%	
35) Dibromofluoromethane	5.50	113	95551	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
50) Toluene-d8	8.71	98	300576	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	11.13	95	117103	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33274	32.668	ug/l	99
3) Chloromethane	1.32	50	80431	67.815	ug/l	99
4) Vinyl Chloride	1.41	62	66580	51.253	ug/l	98
5) Bromomethane	1.64	94	45506	71.904	ug/l	98
6) Chloroethane	1.71	64	52181	68.084	ug/l	98
7) Trichlorofluoromethane	1.92	101	78668	38.201	ug/l	100
8) Diethyl Ether	2.19	74	60649	82.125	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38623	30.949	ug/l	98
10) Methyl Iodide	2.51	142	105321	59.136	ug/l	96
11) Tert butyl alcohol	3.05	59	148722	413.770	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61494	48.426	ug/l	97
13) Acrolein	2.29	56	82804	347.277	ug/l	98
14) Allyl chloride	2.73	41	117522	65.187	ug/l	98
15) Acrylonitrile	3.14	53	298089	418.880	ug/l	99
16) Acetone	2.45	43	251273	365.001	ug/l	96
17) Carbon Disulfide	2.57	76	163627	48.029	ug/l	99
18) Methyl Acetate	2.78	43	126162	91.951	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	327179	81.900	ug/l	98
20) Methylene Chloride	2.85	84	106935	75.481	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	81362	59.573	ug/l	98
22) Diisopropyl ether	3.85	45	294404	78.105	ug/l	98
23) Vinyl Acetate	3.81	43	1295065	397.711	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152612	70.044	ug/l	99
25) 2-Butanone	4.67	43	410898	406.902	ug/l	100
26) 2,2-Dichloropropane	4.58	77	51147	27.023	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	109747	69.538	ug/l	96
28) Bromochloromethane	5.01	49	74677	71.686	ug/l	95
29) Tetrahydrofuran	5.13	42	264308	422.562	ug/l	98
30) Chloroform	5.21	83	168508	71.880	ug/l	98
31) Cyclohexane	5.58	56	65614	33.070	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	112022	54.117	ug/l	99
36) 1,1-Dichloropropene	5.80	75	82962	37.950	ug/l	99
37) Ethyl Acetate	4.84	43	152465	67.794	ug/l	99
38) Carbon Tetrachloride	5.78	117	81628	34.483	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68141	23.713	ug/l	99
40) Benzene	6.14	78	358566	52.648	ug/l	99
41) Methacrylonitrile	5.04	41	83552	67.711	ug/l	97
42) 1,2-Dichloroethane	6.20	62	139997	67.528	ug/l	97
43) Isopropyl Acetate	6.45	43	247803	66.599	ug/l	98
44) Trichloroethene	7.21	130	90598	44.456	ug/l	99
45) 1,2-Dichloropropane	7.51	63	98433	57.232	ug/l	99
46) Dibromomethane	7.66	93	78020	63.227	ug/l	96
47) Bromodichloromethane	7.90	83	132520	58.601	ug/l	99
48) Methyl methacrylate	7.77	41	117108	67.712	ug/l	98
49) 1,4-Dioxane	7.74	88	64716	1298.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	816702	343.195	ug/l	97
52) Toluene	8.79	92	217767	48.554	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	133007	52.461	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	144408	52.413	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115368	62.370	ug/l	99
56) Ethyl methacrylate	9.18	69	178159	63.581	ug/l	95
57) 1,3-Dichloropropane	9.37	76	178711	62.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	391215	293.971	ug/l	99
59) 2-Hexanone	9.49	43	620786	331.455	ug/l	98
60) Dibromochloromethane	9.58	129	120970	58.409	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123636	61.924	ug/l	99
64) Tetrachloroethene	9.34	164	78391	37.381	ug/l	98
65) Chlorobenzene	10.13	112	256333	48.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102975	53.707	ug/l	100
67) Ethyl Benzene	10.25	91	383707	43.179	ug/l	99
68) m/p-Xylenes	10.36	106	295947	85.950	ug/l	98
69) o-Xylene	10.69	106	158195	46.718	ug/l	100
70) Styrene	10.71	104	283443	49.914	ug/l	99
71) Bromoform	10.85	173	91511	54.884	ug/l #	98
73) Isopropylbenzene	11.02	105	346076	39.955	ug/l	99
74) N-amyl acetate	10.90	43	212010	64.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	178478	62.219	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147050m	63.154	ug/l	
77) Bromobenzene	11.26	156	126529	52.315	ug/l	98
78) n-propylbenzene	11.36	91	367540	38.609	ug/l	99
79) 2-Chlorotoluene	11.42	91	259207	45.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	306149	42.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42923	43.005	ug/l	90
82) 4-Chlorotoluene	11.51	91	302575	46.908	ug/l	100
83) tert-Butylbenzene	11.77	119	282084	39.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326057	45.450	ug/l	99
85) sec-Butylbenzene	11.94	105	294699	35.021	ug/l	99
86) p-Isopropyltoluene	12.06	119	287057	36.880	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200082	47.392	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201852	46.964	ug/l	99
89) n-Butylbenzene	12.38	91	223149	33.739	ug/l	99
90) Hexachloroethane	12.60	117	48401	35.963	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	213965	50.993	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37313	60.331	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141067	48.480	ug/l	98
94) Hexachlorobutadiene	13.78	225	41940	29.491	ug/l	99
95) Naphthalene	13.83	128	524314	58.635	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149363	51.627	ug/l	99

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

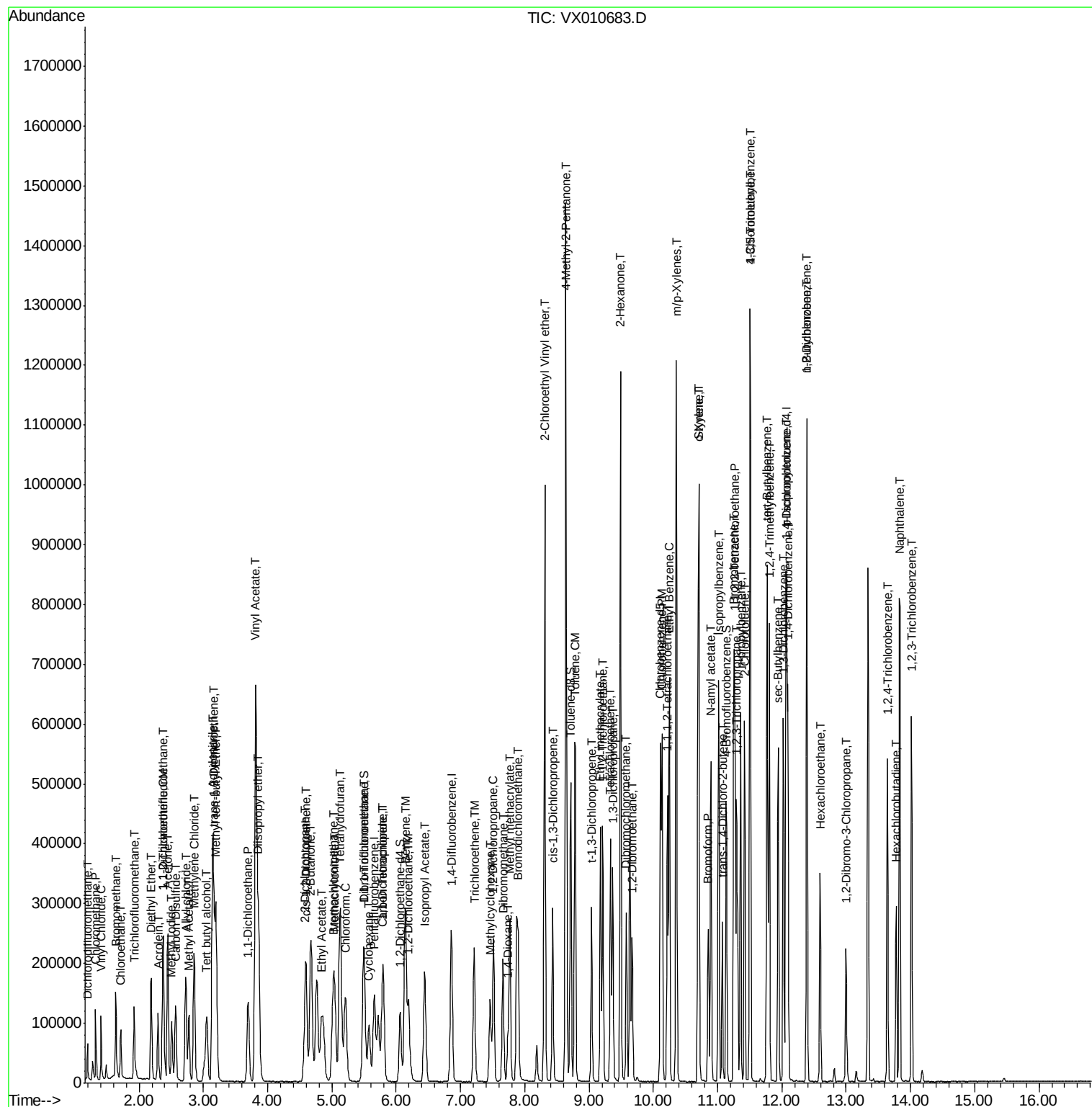
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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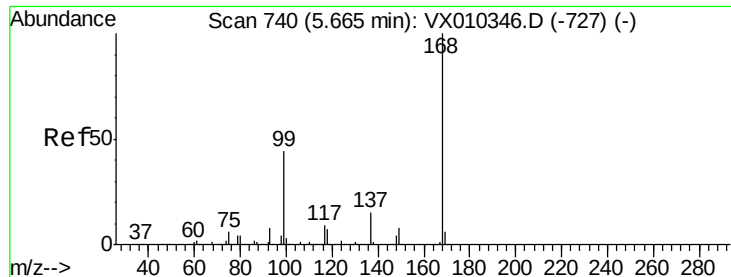
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 146504

Ion Ratio Lower Upper

168 100

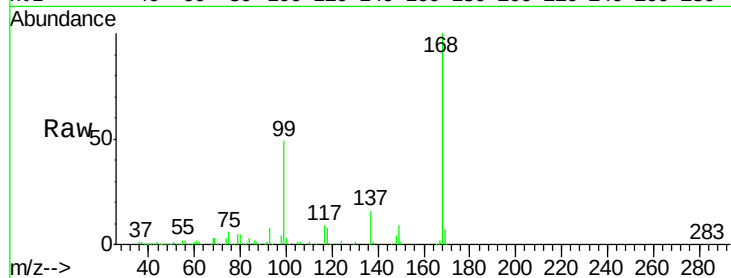
99 48.4 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

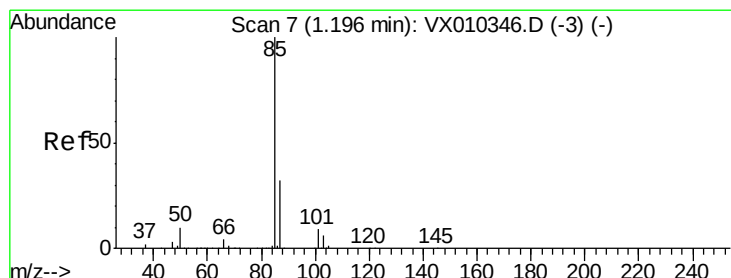
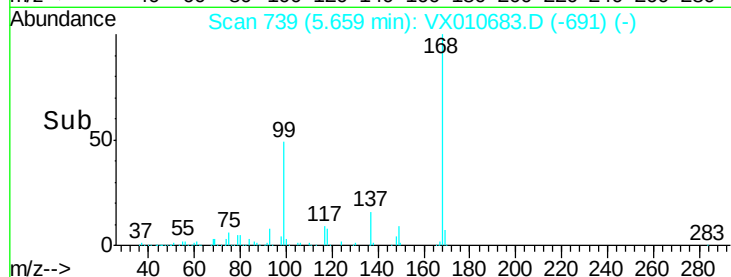
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 32.668 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010683.D

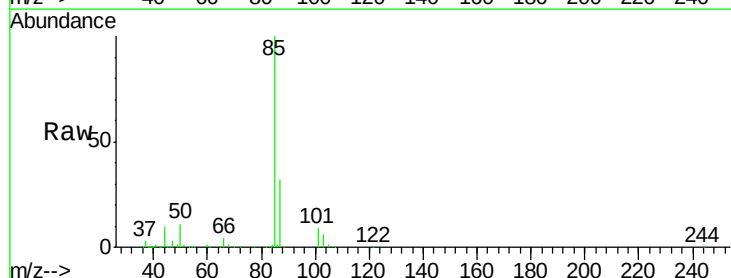
Acq: 04 Jul 2019 11:22

Tgt Ion: 85 Resp: 33274

Ion Ratio Lower Upper

85 100

87 31.7 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

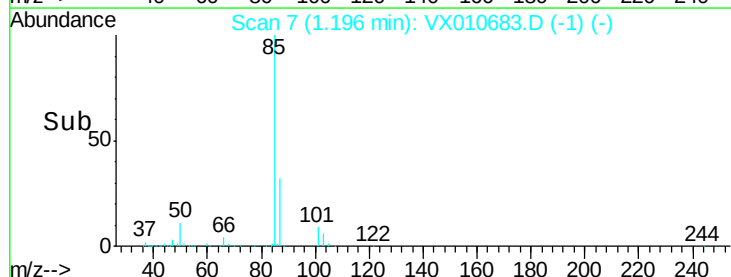
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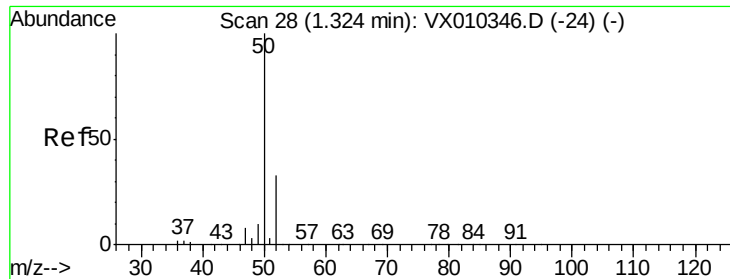
20000

10000

0

Time-->





#3

Chloromethane

Concen: 67.815 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 80431

Ion Ratio Lower Upper

50 100

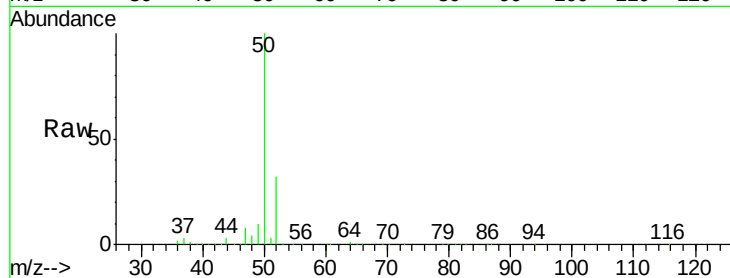
52 32.3 26.5 39.7

Manual Integrations

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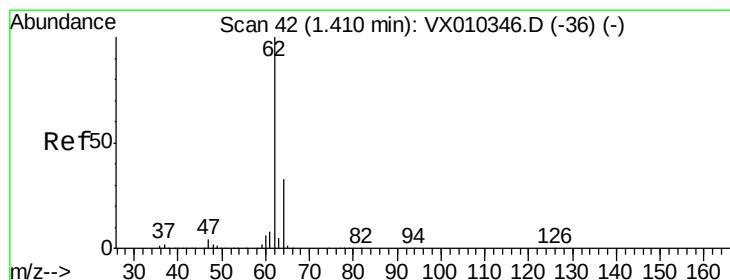
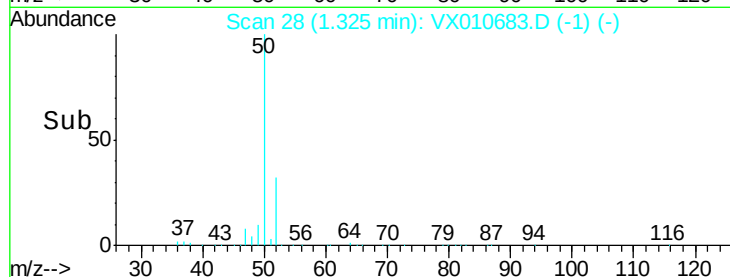
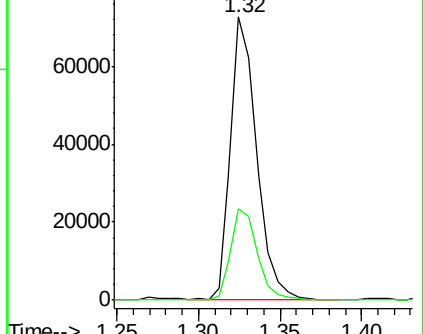
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.253 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010683.D

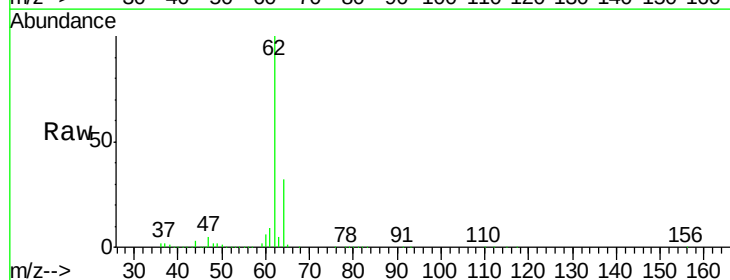
Acq: 04 Jul 2019 11:22

Tgt Ion: 62 Resp: 66580

Ion Ratio Lower Upper

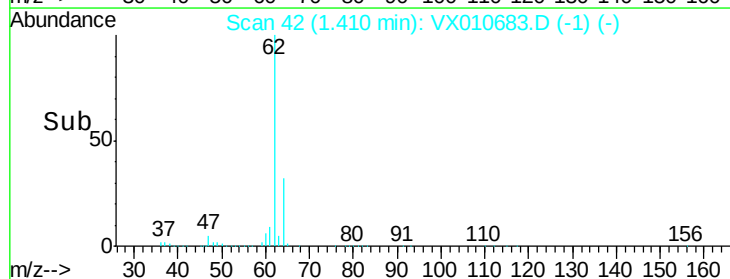
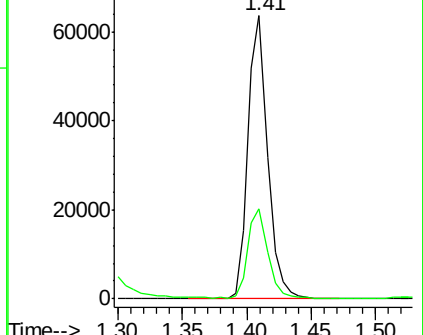
62 100

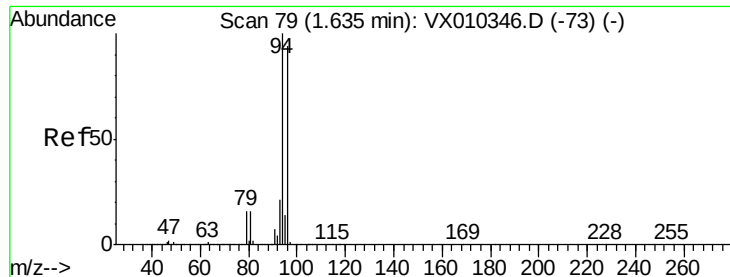
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 71.904 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 45506

Ion Ratio Lower Upper

94 100

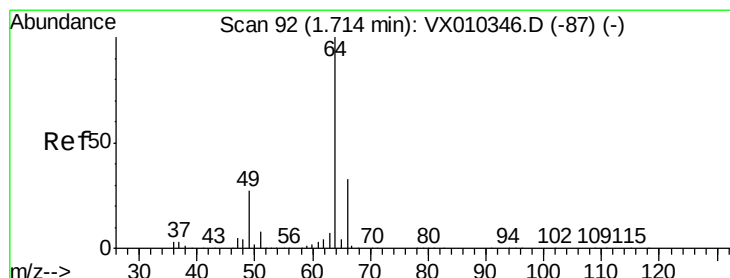
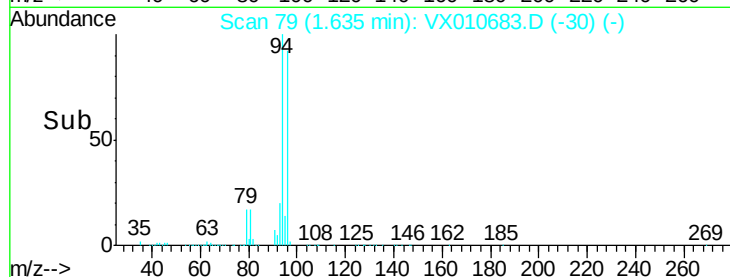
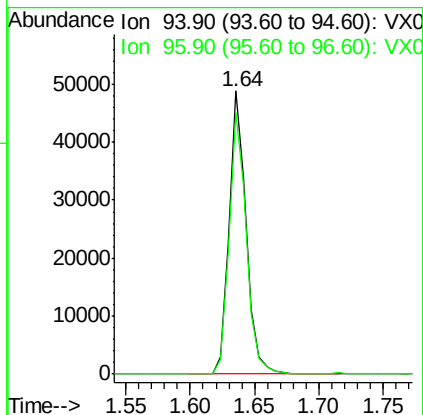
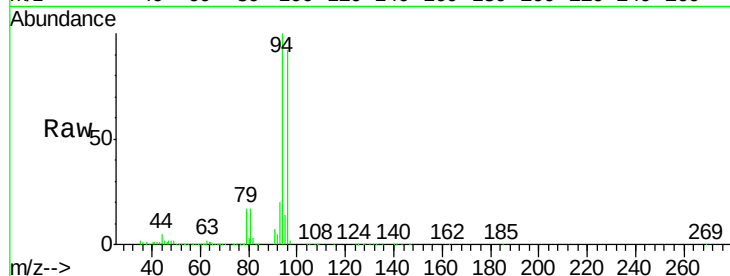
96 92.2 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 68.084 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010683.D

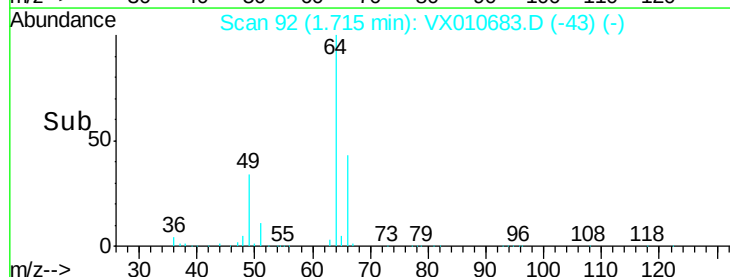
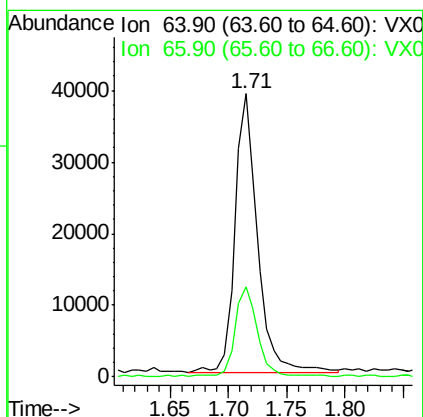
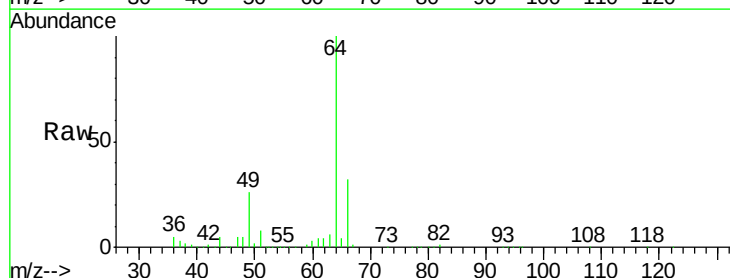
Acq: 04 Jul 2019 11:22

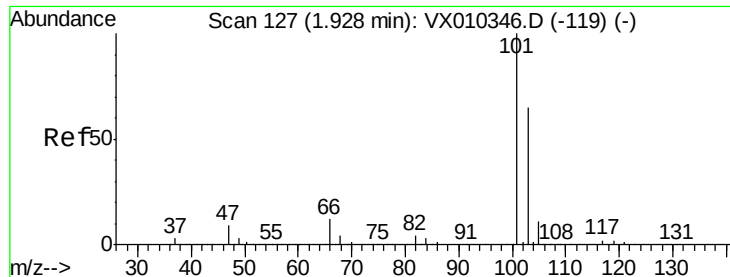
Tgt Ion: 64 Resp: 52181

Ion Ratio Lower Upper

64 100

66 32.0 26.6 40.0





#7

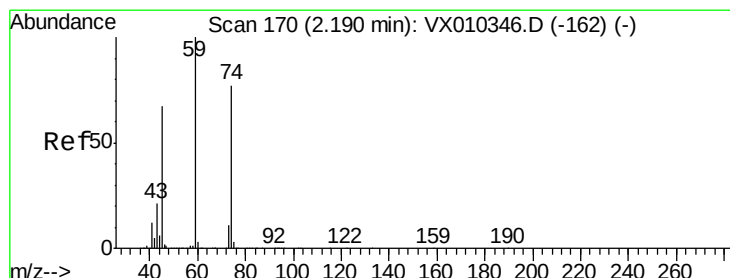
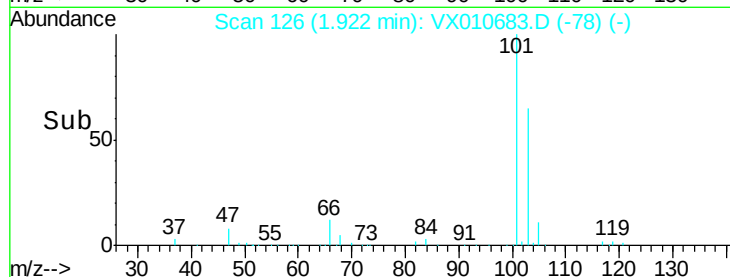
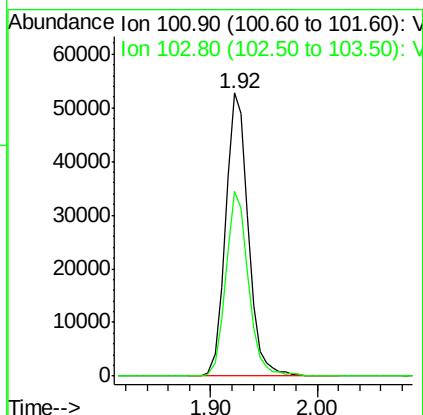
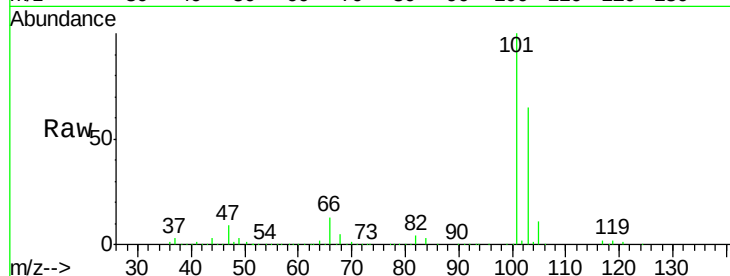
Trichlorofluoromethane
Concen: 38.201 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 78668
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

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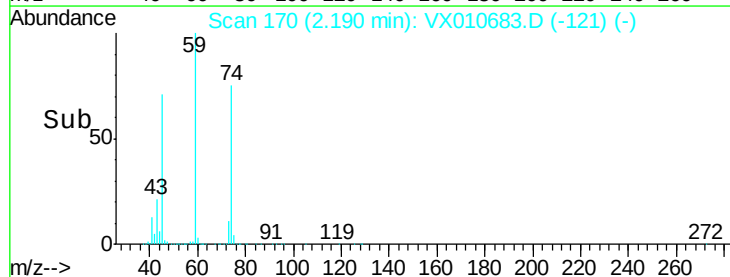
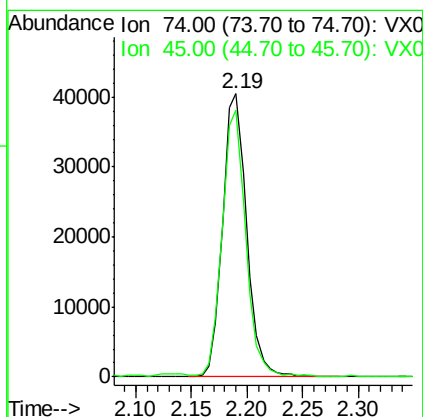
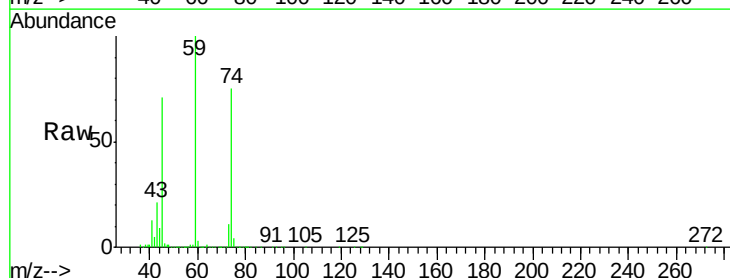
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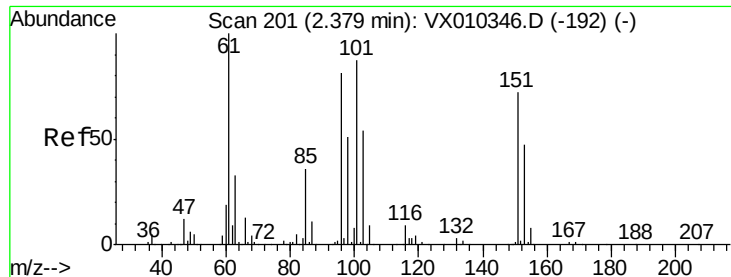


#8

Diethyl Ether
Concen: 82.125 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion: 74 Resp: 60649
Ion Ratio Lower Upper
74 100
45 91.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.949 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 38623

Ion Ratio Lower Upper

101 100

85 43.9 33.7 50.5

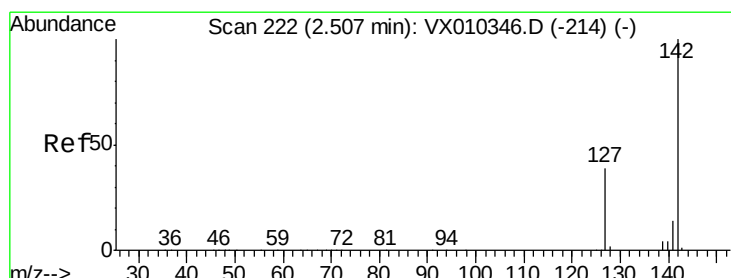
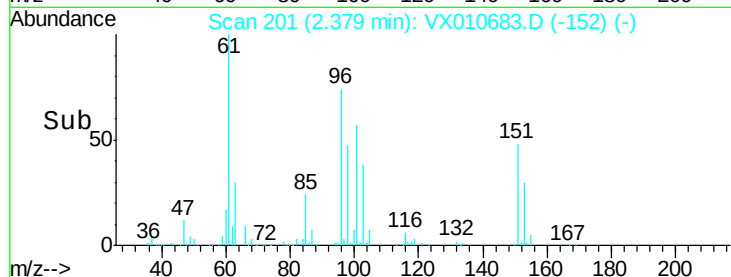
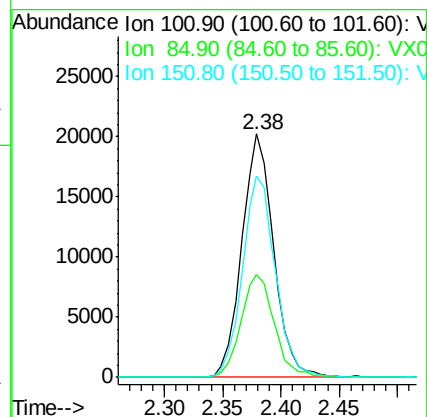
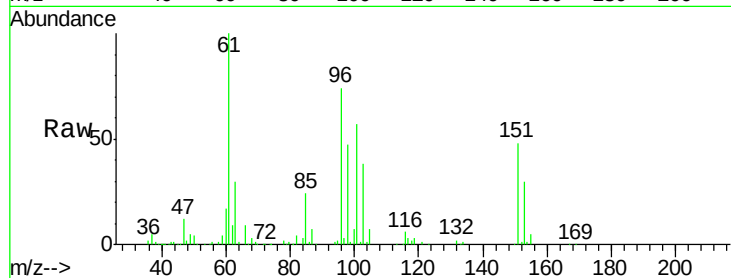
151 85.8 70.1 105.1

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#10

Methyl Iodide

Concen: 59.136 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

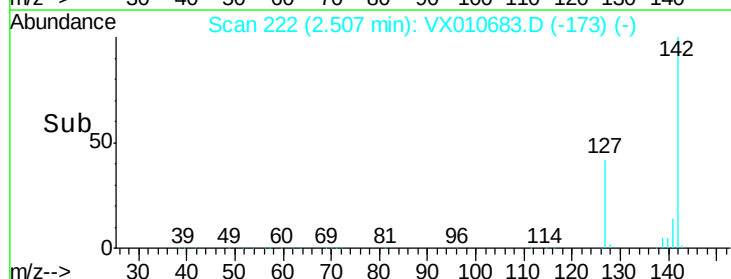
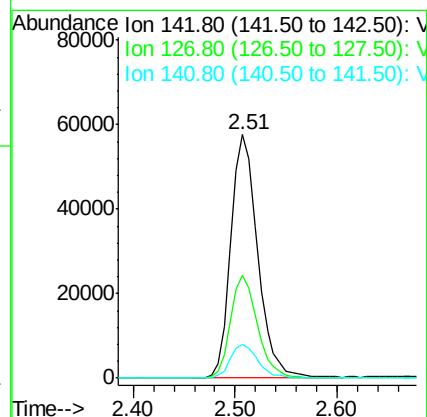
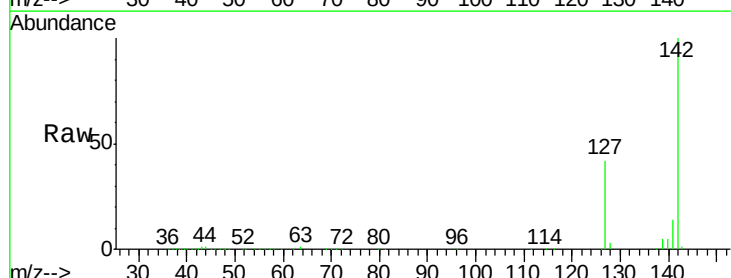
Tgt Ion:142 Resp: 105321

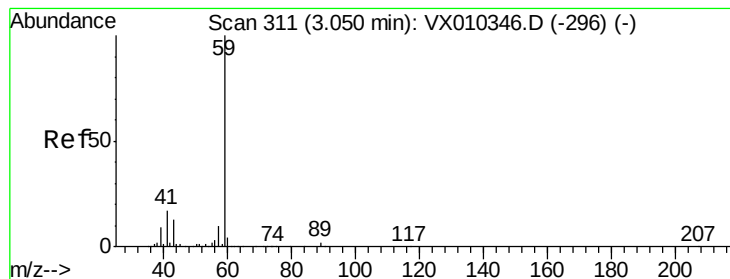
Ion Ratio Lower Upper

142 100

127 42.2 31.1 46.7

141 14.1 11.2 16.8





#11

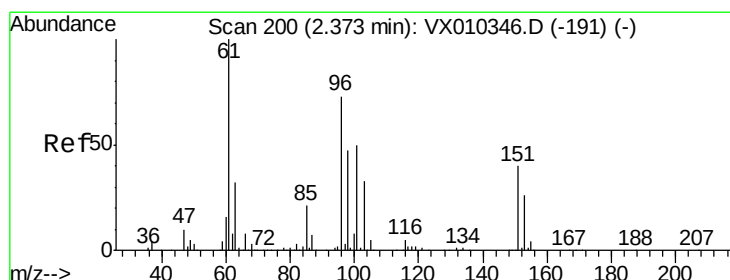
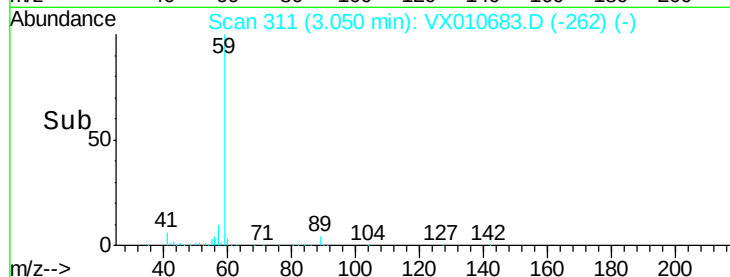
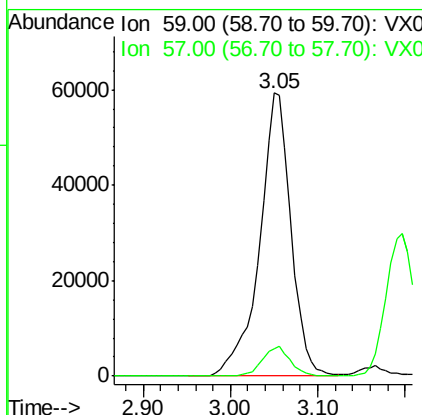
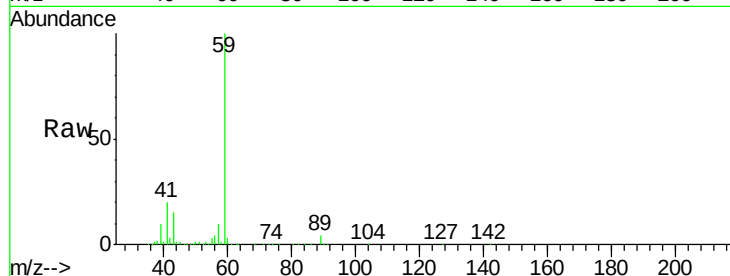
Tert butyl alcohol
Concen: 413.770 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	148722
Ion Ratio	100	Lower	Upper
57	9.3	7.7	11.5

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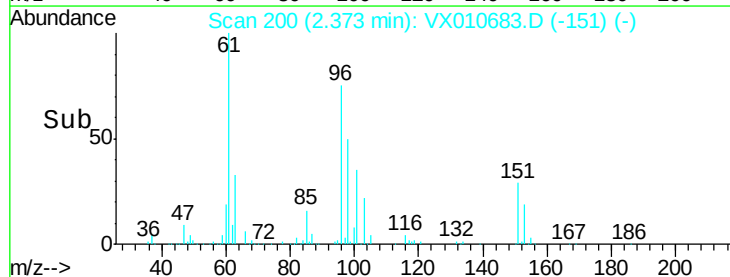
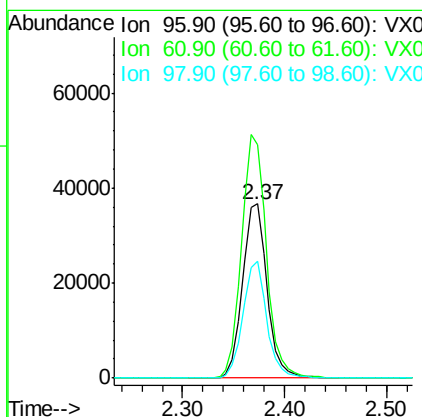
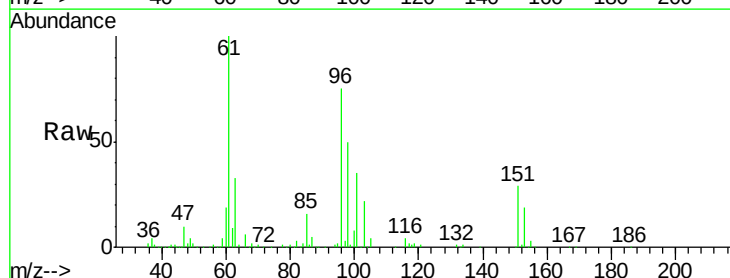
MMDadoda
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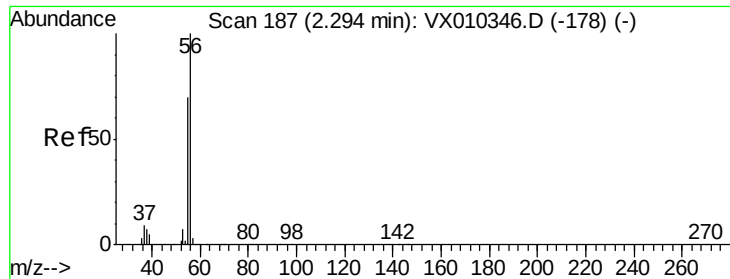


#12

1,1-Dichloroethene
Concen: 48.426 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	96	Resp	61494
Ion Ratio	100	Lower	Upper
61	134.1	109.2	163.8
98	66.9	51.1	76.7





#13

Acrolein

Concen: 347.277 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82804

Ion Ratio Lower Upper

56 100

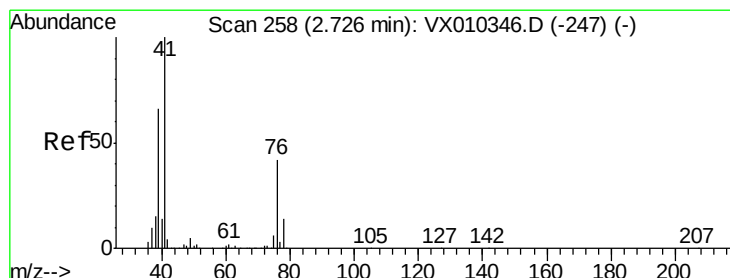
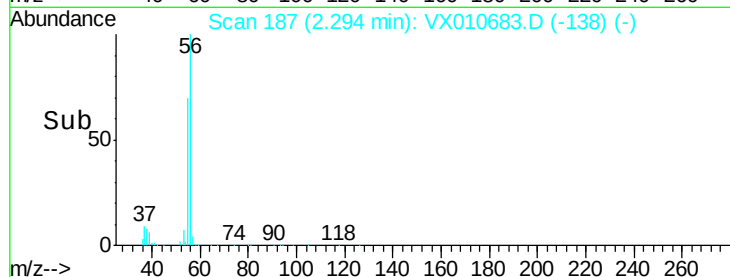
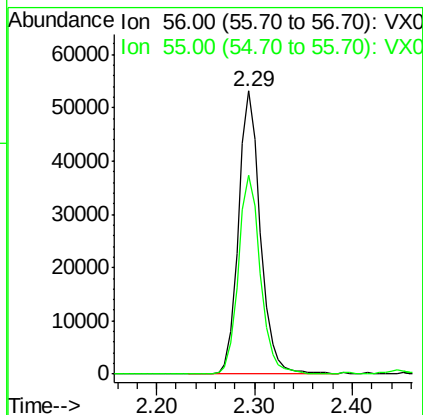
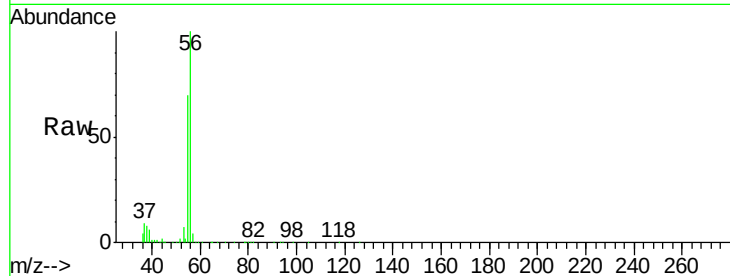
55 69.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 65.187 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

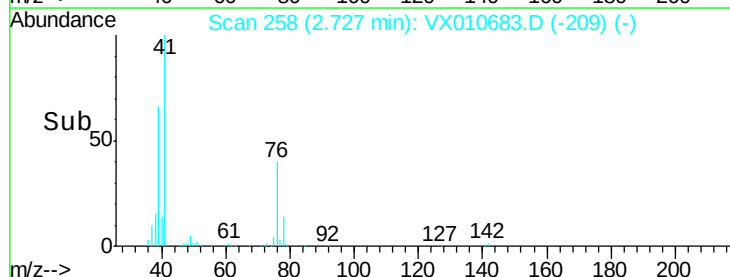
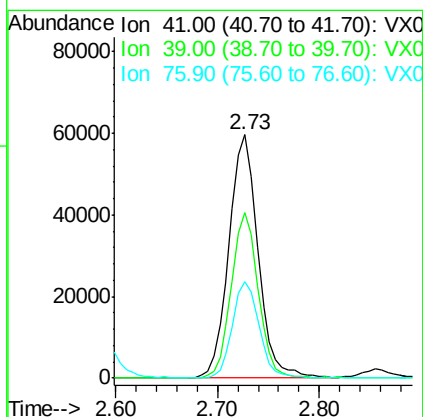
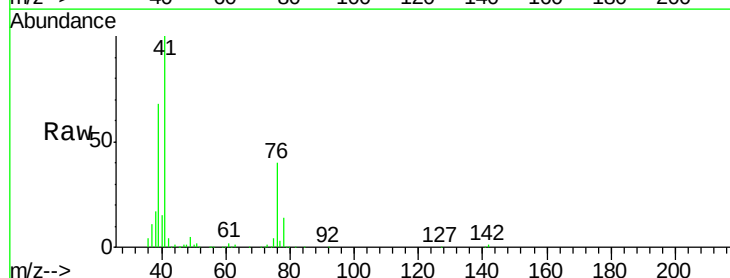
Tgt Ion: 41 Resp: 117522

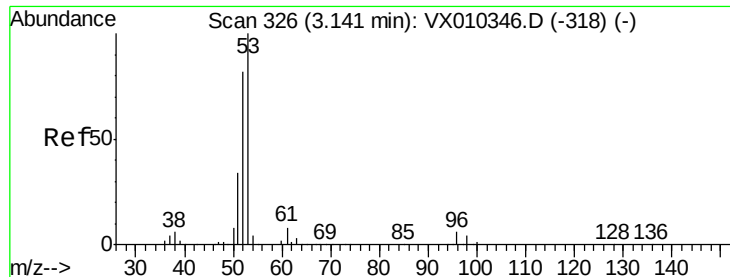
Ion Ratio Lower Upper

41 100

39 62.6 50.3 75.5

76 36.5 31.3 46.9





#15

Acrylonitrile

Concen: 418.880 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

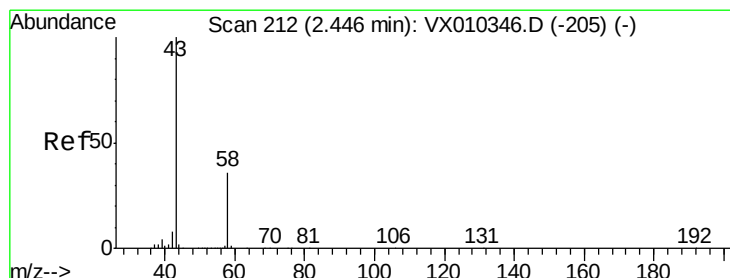
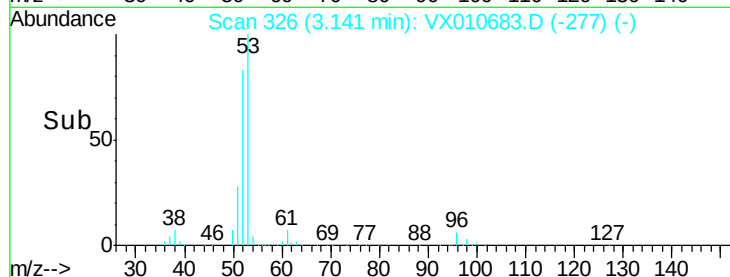
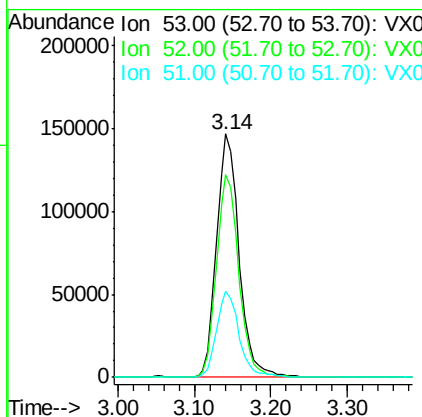
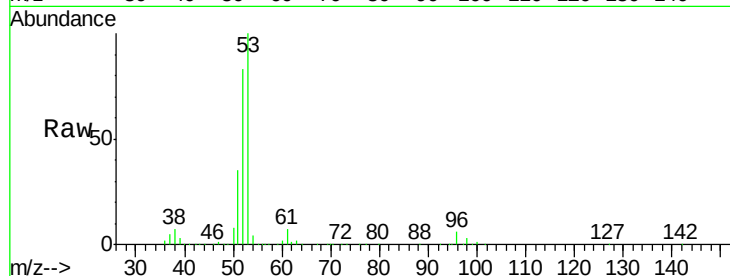
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	298089
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.5	98.3
51	35.9	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 365.001 ug/l

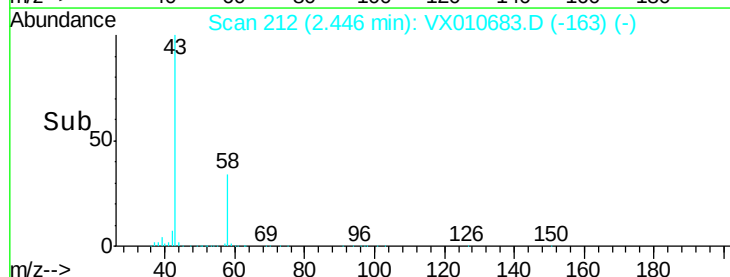
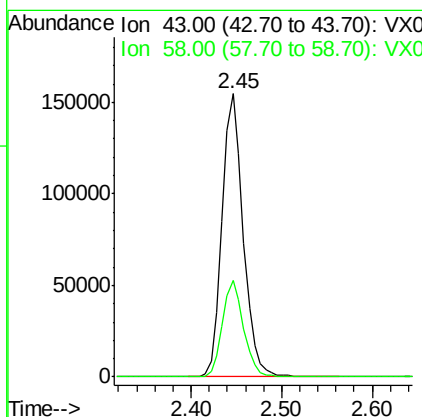
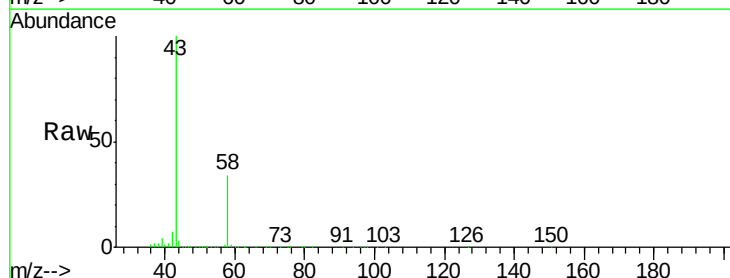
RT: 2.45 min Scan# 212

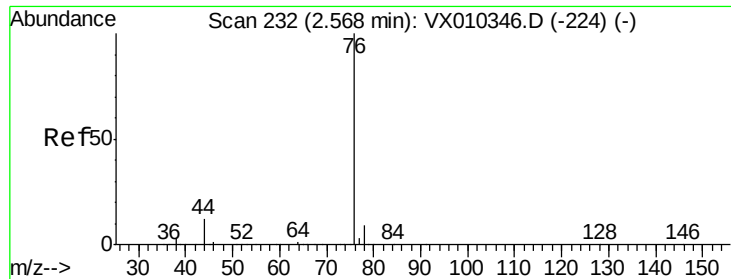
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	43	Resp:	251273
Ion Ratio		Lower	Upper
43	100		
58	34.0	28.9	43.3





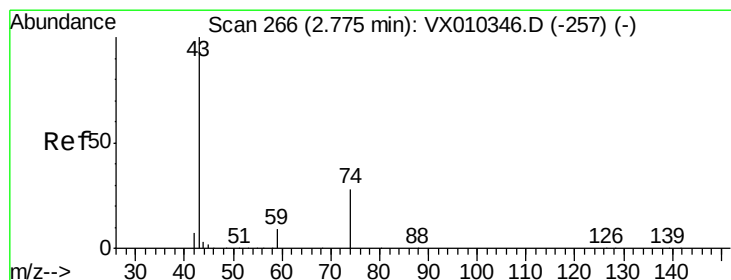
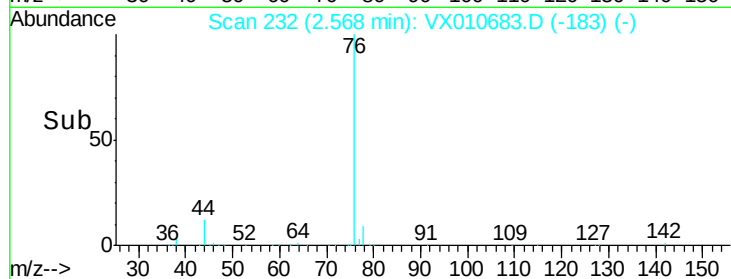
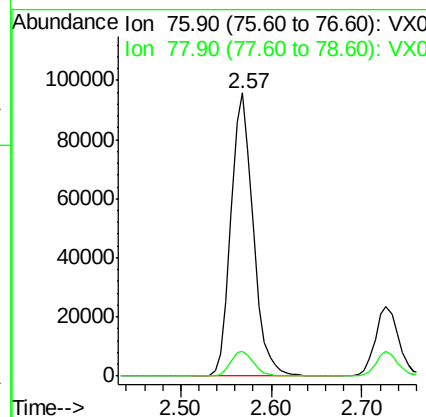
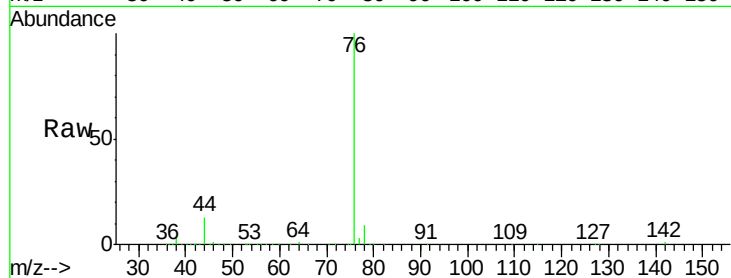
#17
Carbon Disulfide
Concen: 48.029 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

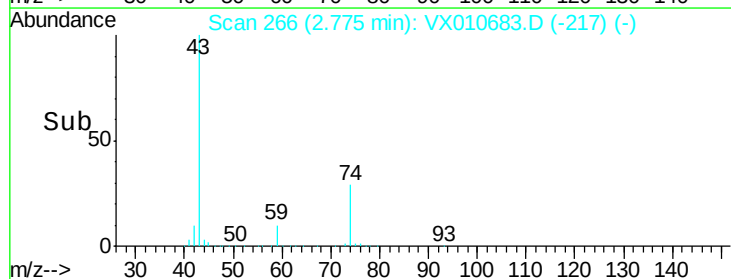
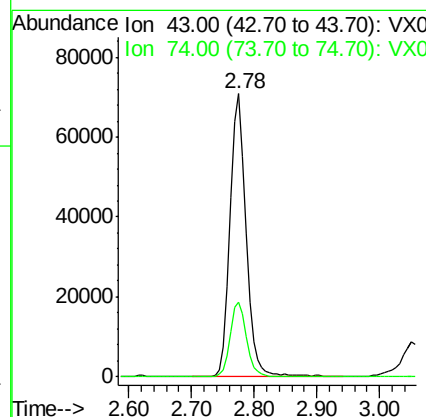
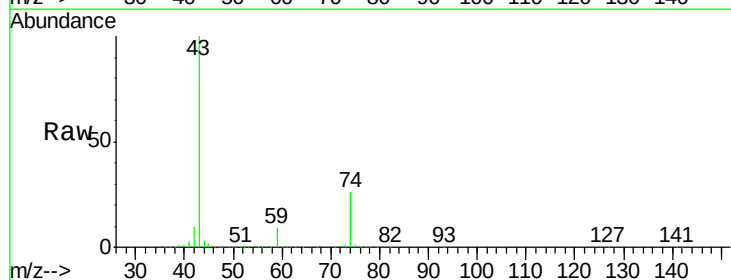
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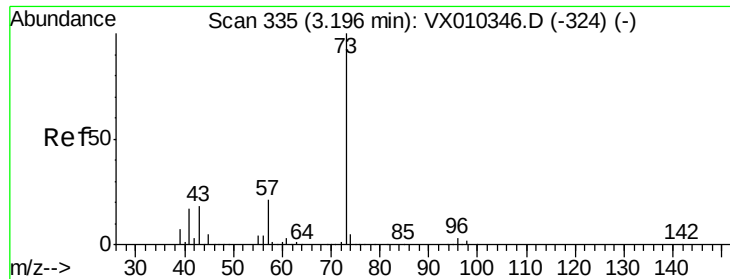
MMDadoda
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#18
Methyl Acetate
Concen: 91.951 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.3	31.9





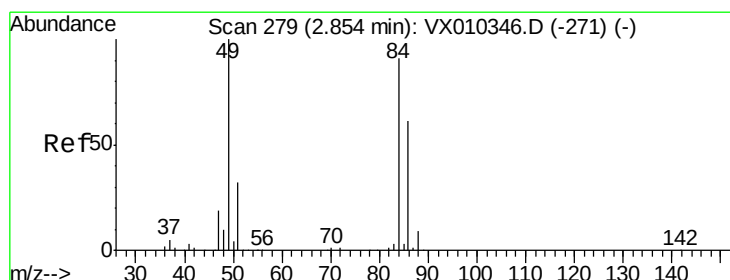
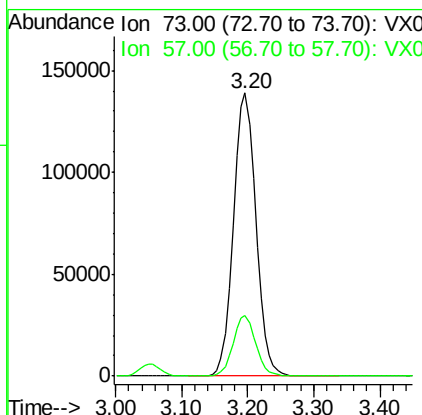
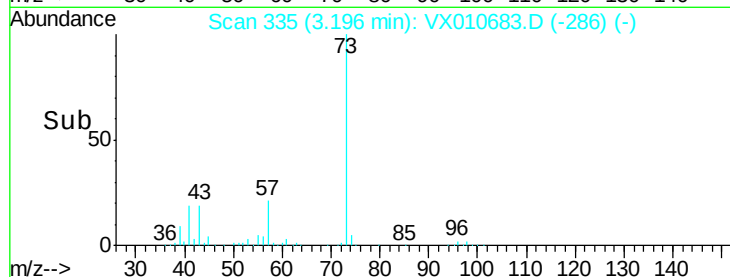
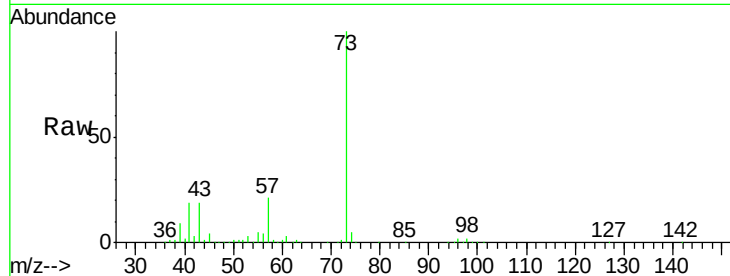
#19
Methyl tert-butyl Ether
Concen: 81.900 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 327179
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6

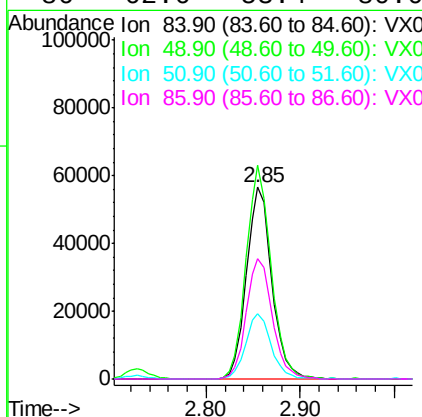
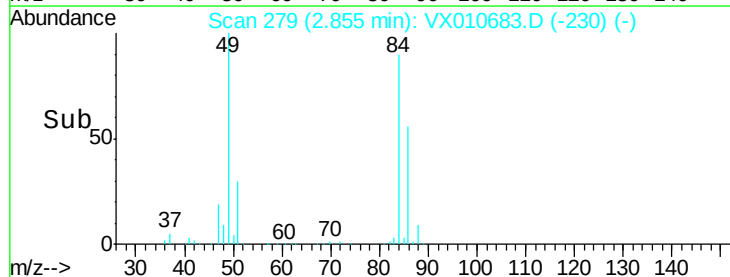
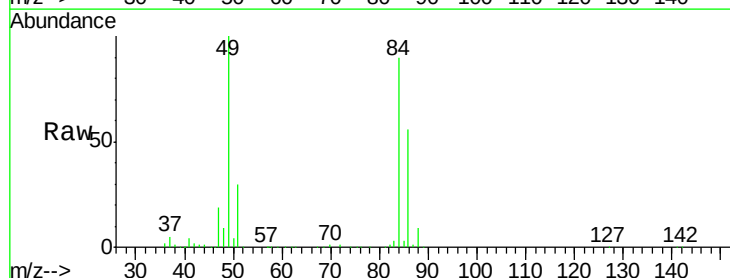
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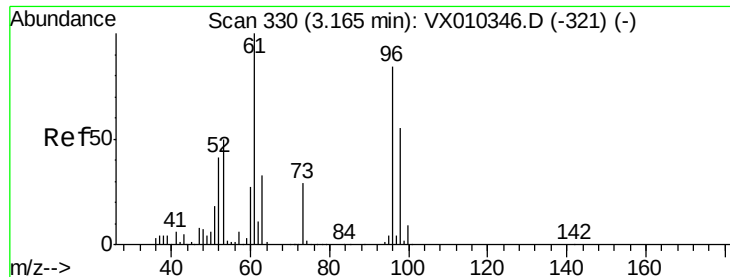
MMDadoda
7/8/2019 10:59:03 AM



#20
Methylene Chloride
Concen: 75.481 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion: 84 Resp: 106935
Ion Ratio Lower Upper
84 100
49 111.4 87.5 131.3
51 33.8 27.7 41.5
86 62.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 59.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

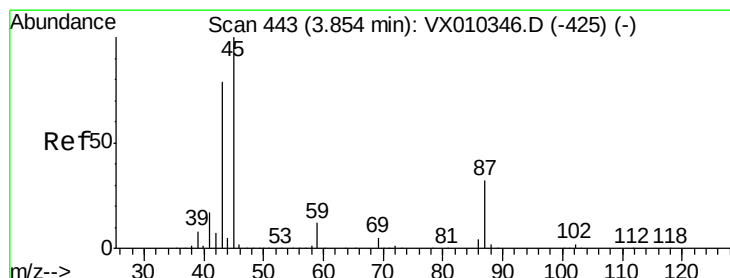
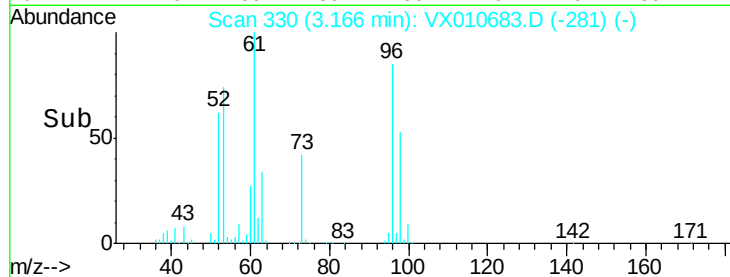
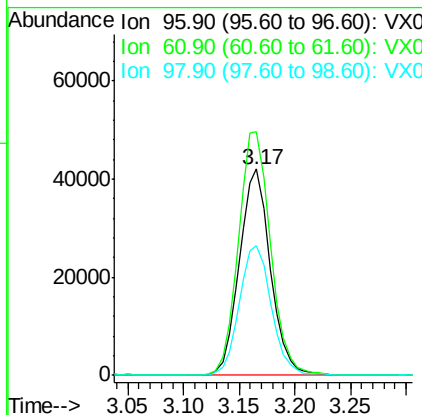
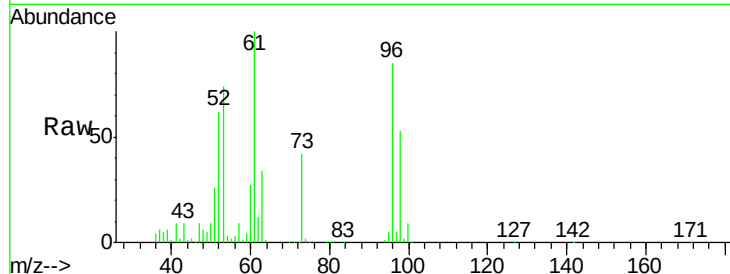
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	81362
Ion	Ratio	Lower	Upper
96	100		
61	118.0	95.6	143.4
98	62.9	52.5	78.7

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#22

Diisopropyl ether

Concen: 78.105 ug/l

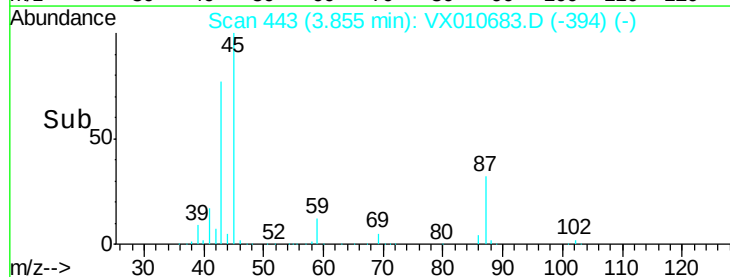
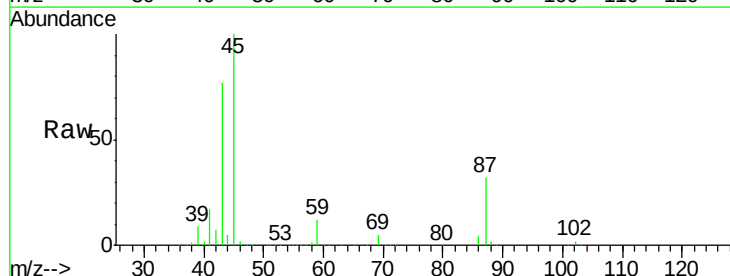
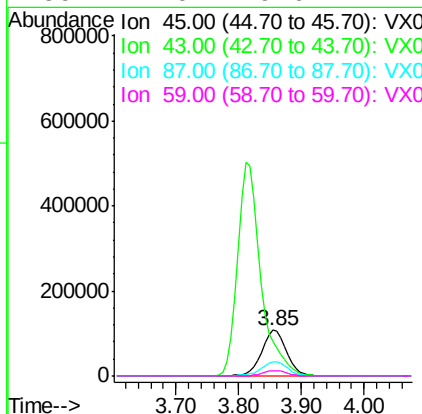
RT: 3.85 min Scan# 443

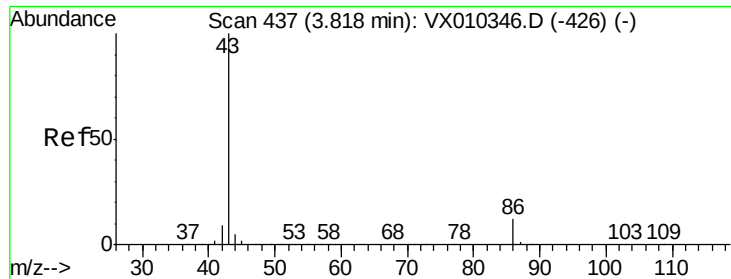
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	45	Resp:	294404
Ion	Ratio	Lower	Upper
45	100		
43	77.0	63.3	94.9
87	32.2	25.8	38.8
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 397.711 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1295065

Ion Ratio Lower Upper

43 100

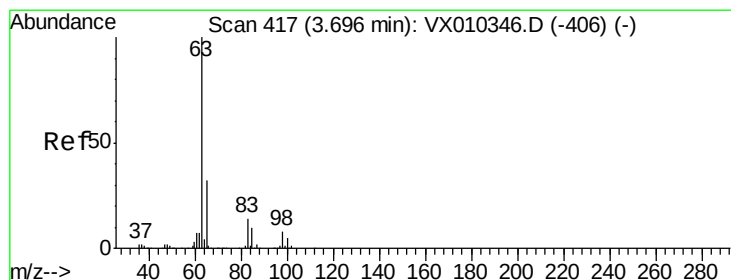
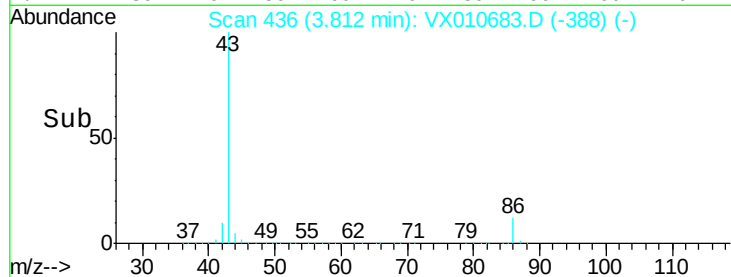
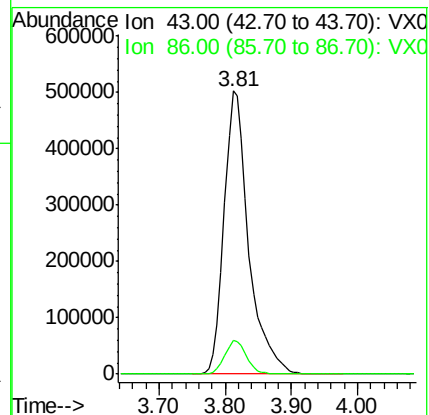
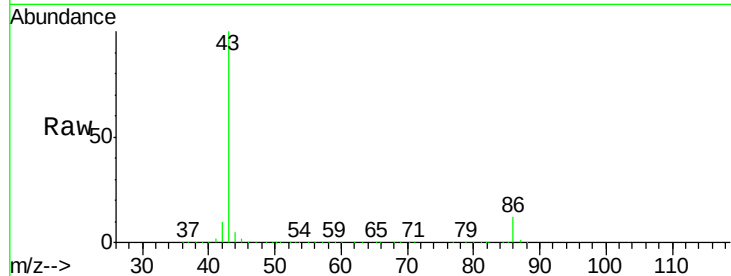
86 11.8 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 70.044 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

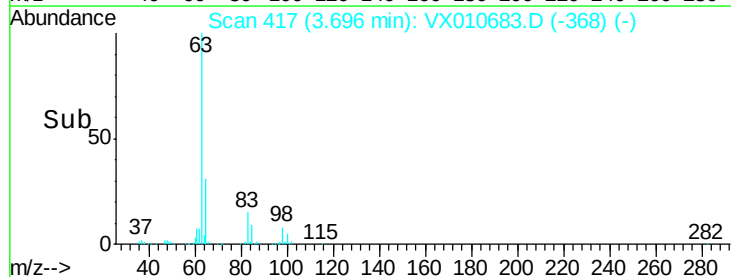
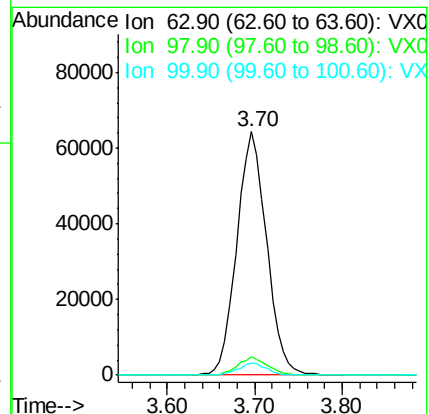
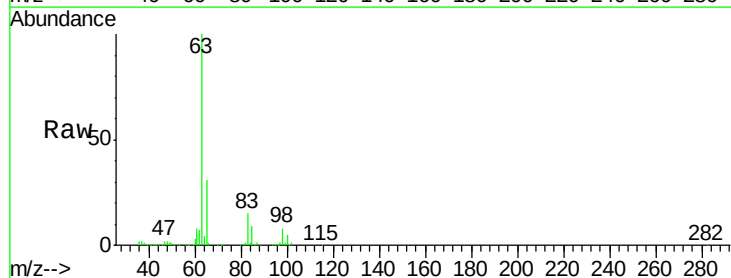
Tgt Ion: 63 Resp: 152612

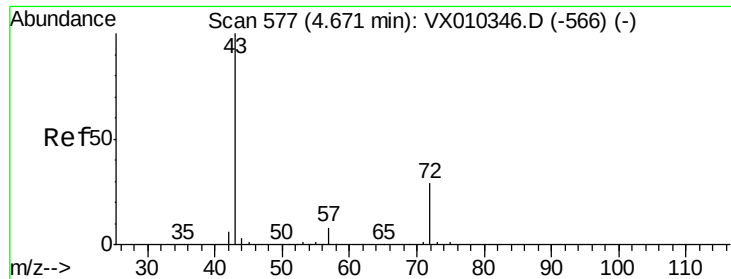
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 406.902 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 410898

Ion Ratio Lower Upper

43 100

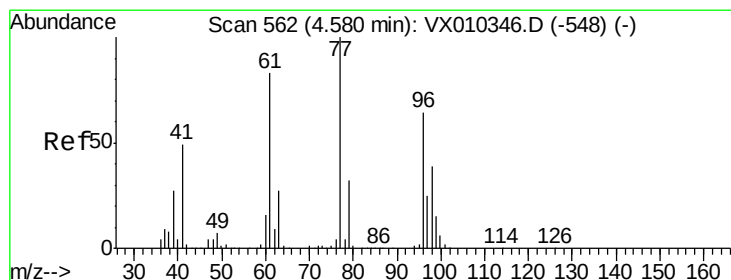
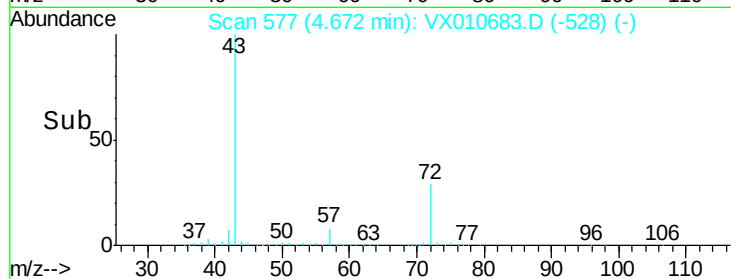
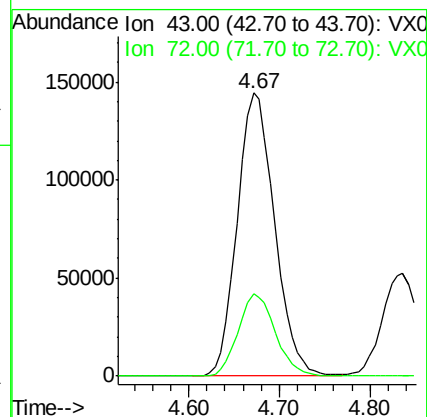
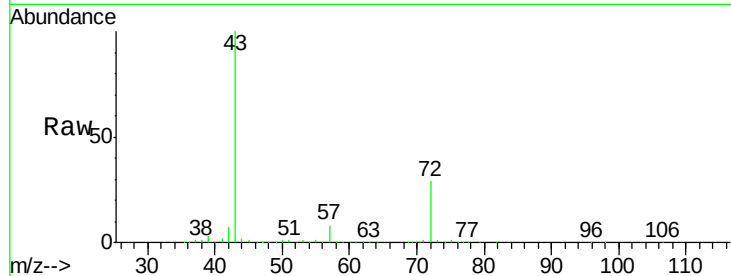
72 29.1 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 27.023 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010683.D

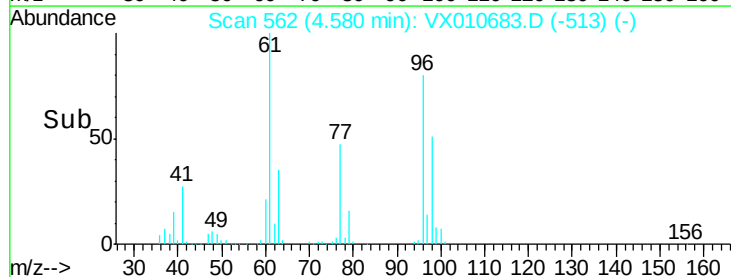
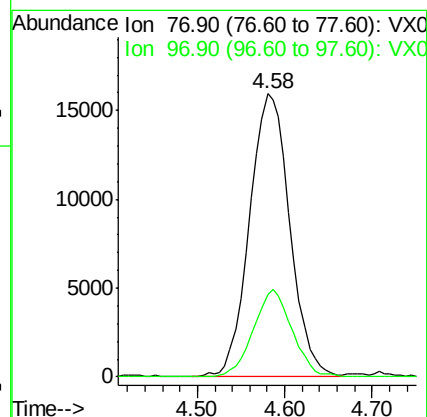
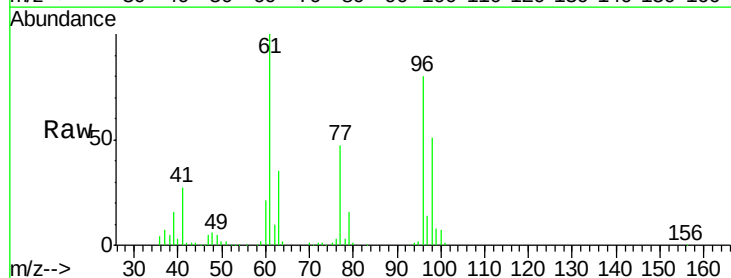
Acq: 04 Jul 2019 11:22

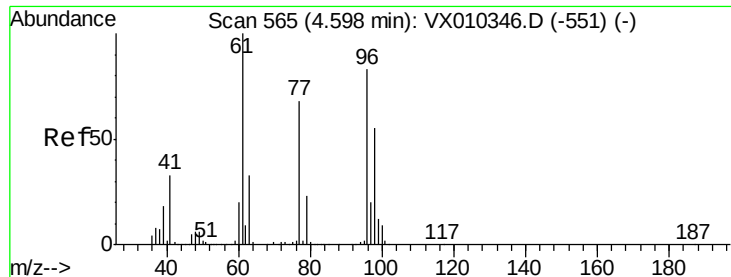
Tgt Ion: 77 Resp: 51147

Ion Ratio Lower Upper

77 100

97 29.8 13.1 39.3





#27

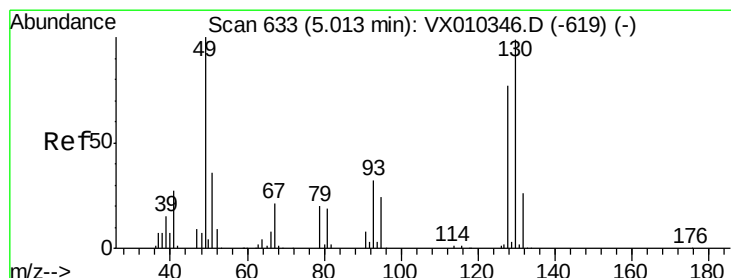
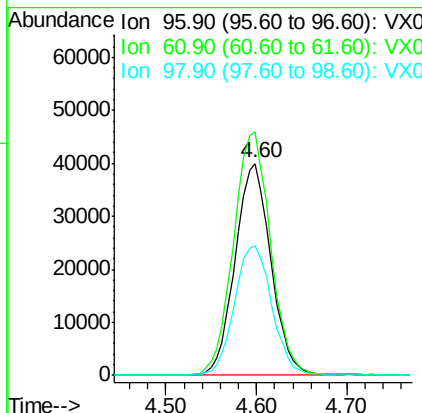
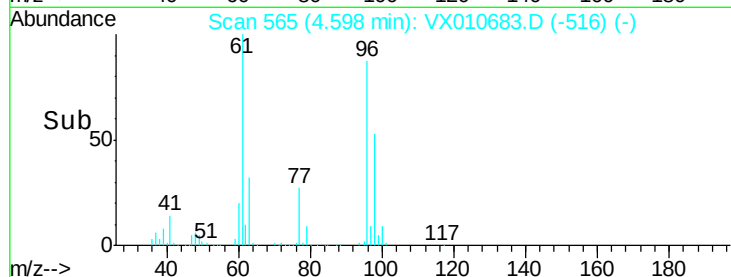
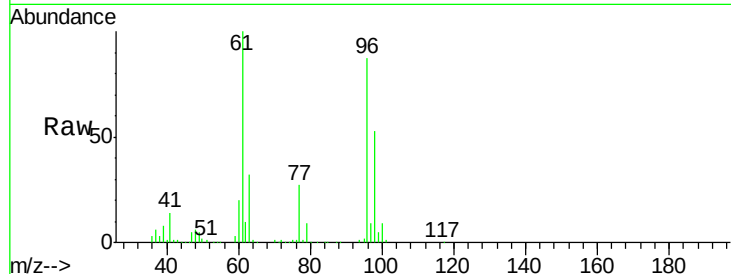
cis-1,2-Dichloroethene
Concen: 69.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.4	0.0	251.8
98	63.9	0.0	129.4

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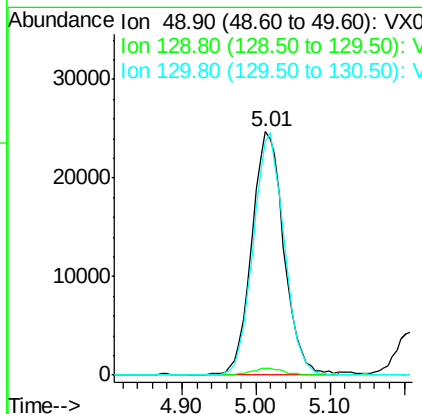
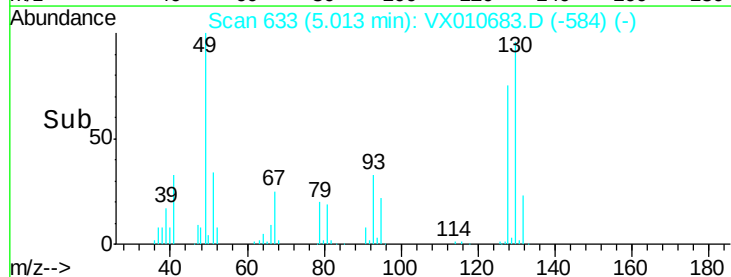
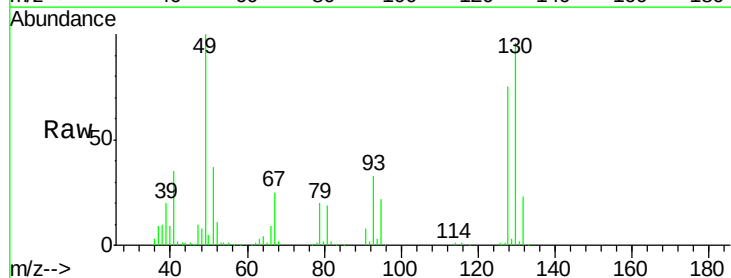
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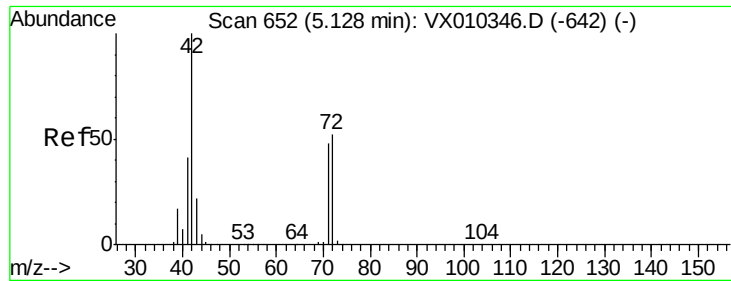


#28

Bromochloromethane
Concen: 71.686 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	96.2	81.4	122.0





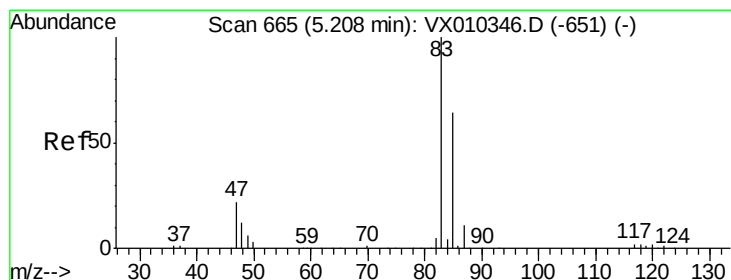
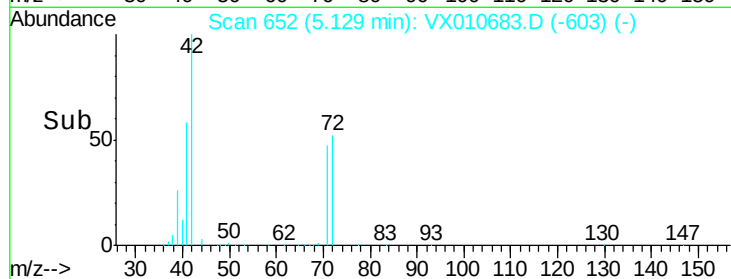
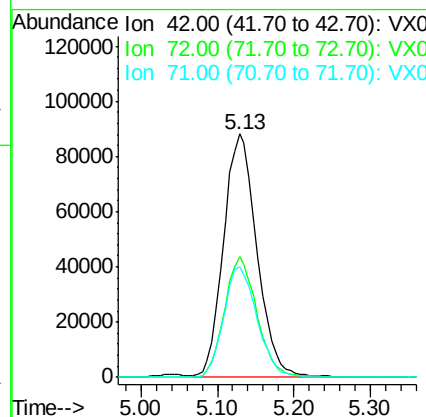
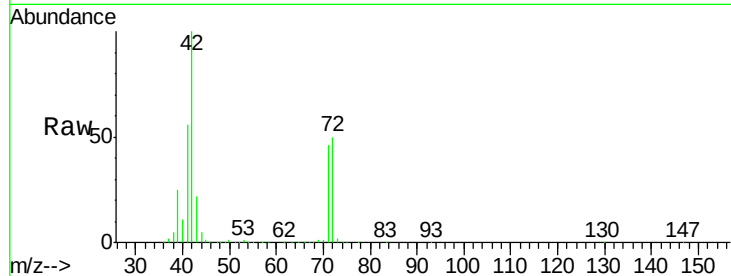
#29
Tetrahydrofuran
Concen: 422.562 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	40.6	60.8
71	45.9	37.8	56.8

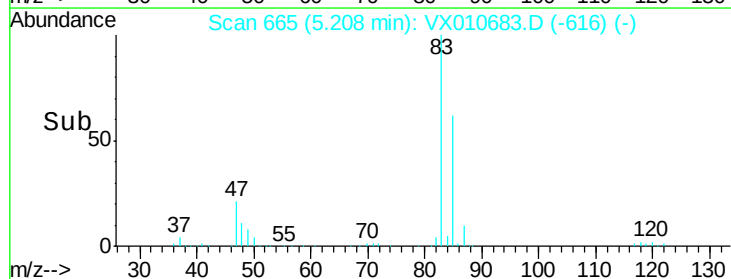
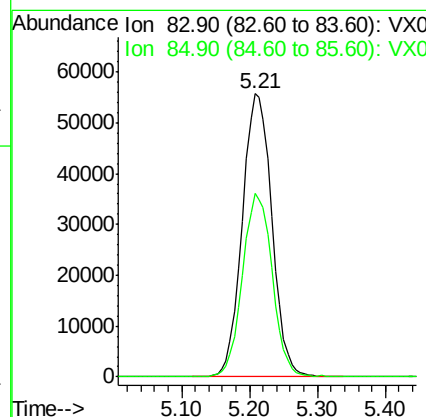
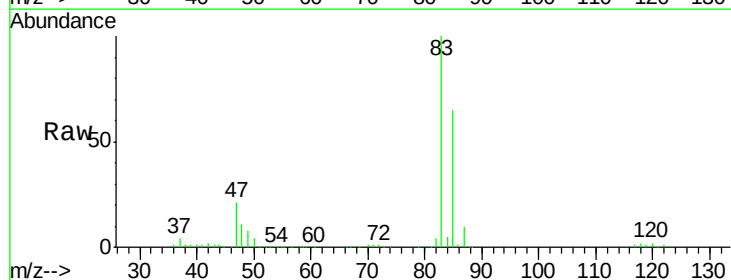
Manual Integrations
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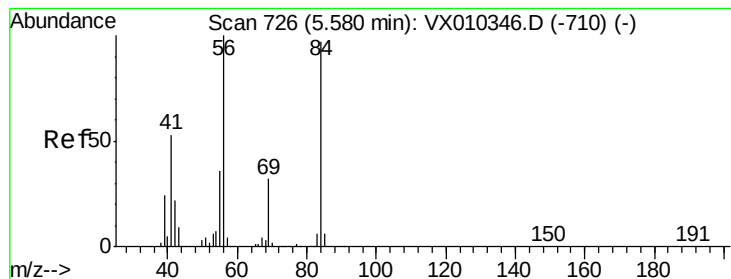
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#30
Chloroform
Concen: 71.880 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3





#31

Cyclohexane

Concen: 33.070 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

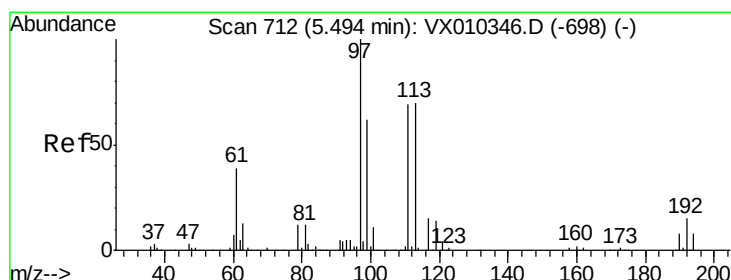
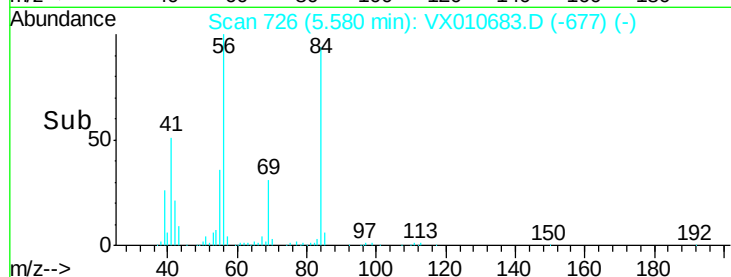
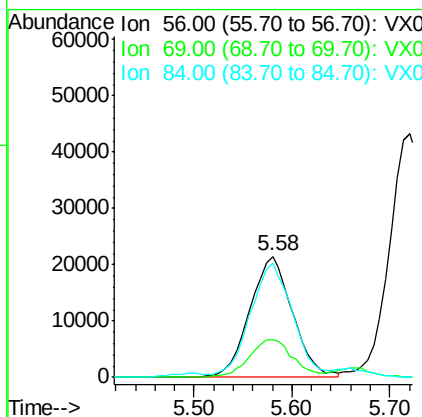
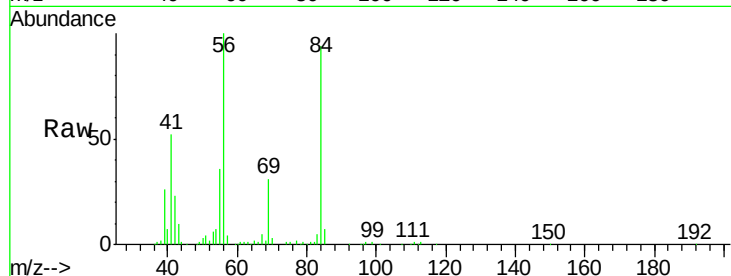
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	65614
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.9	38.9
84	91.0	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.117 ug/l

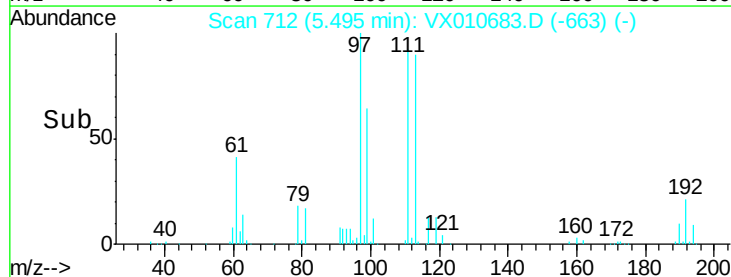
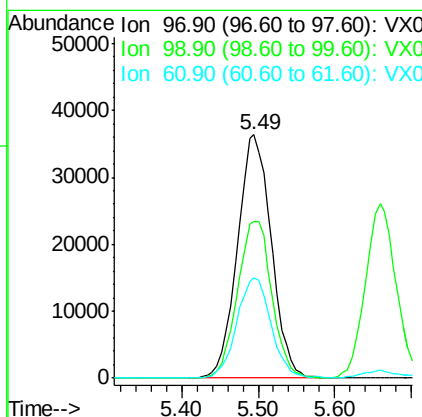
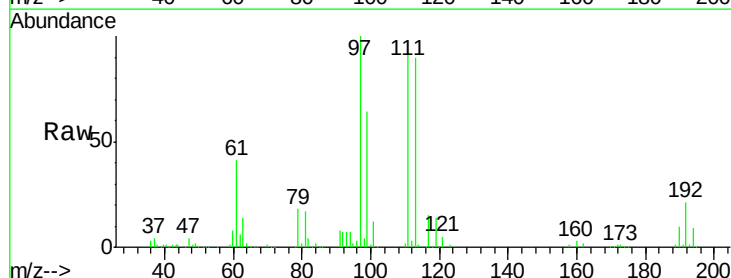
RT: 5.49 min Scan# 712

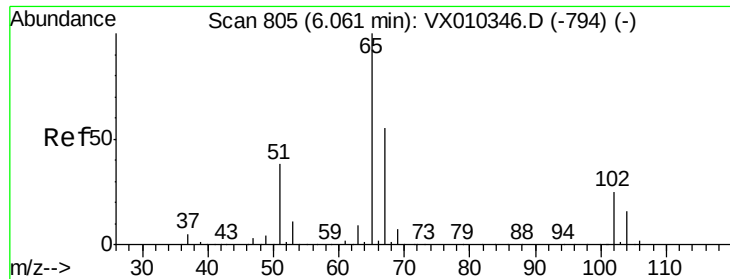
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	97	Resp:	112022
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	41.7	32.1	48.1





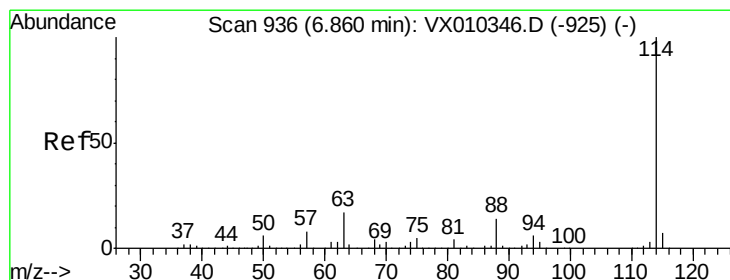
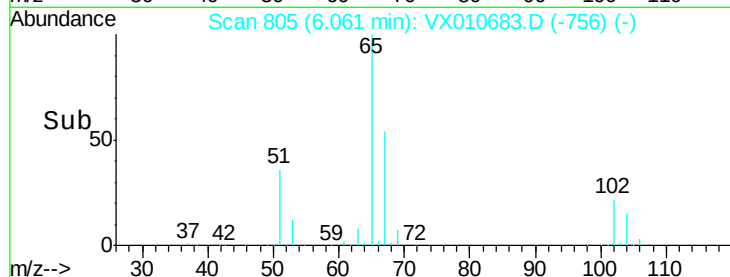
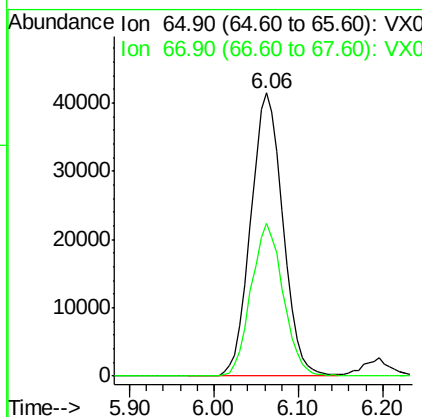
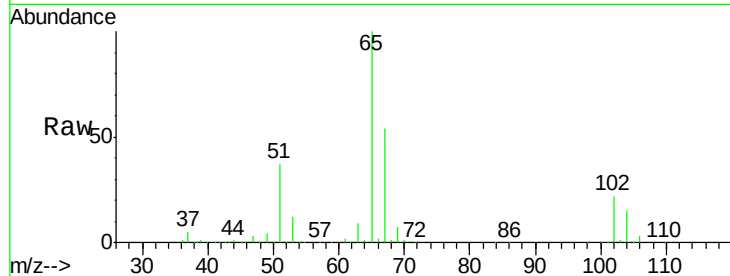
#33
 1,2-Dichloroethane-d4
 Concen: 78.340 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2

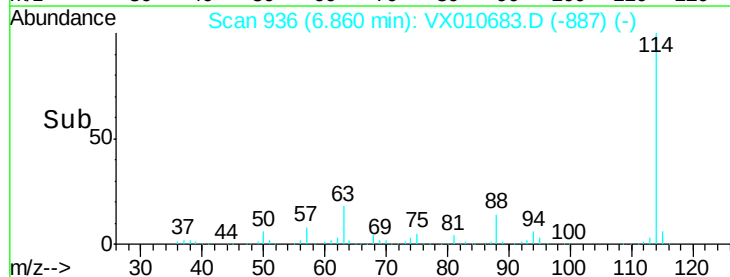
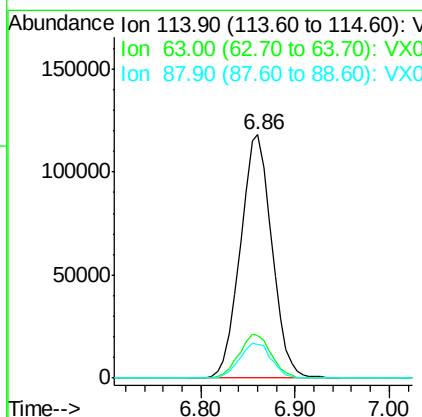
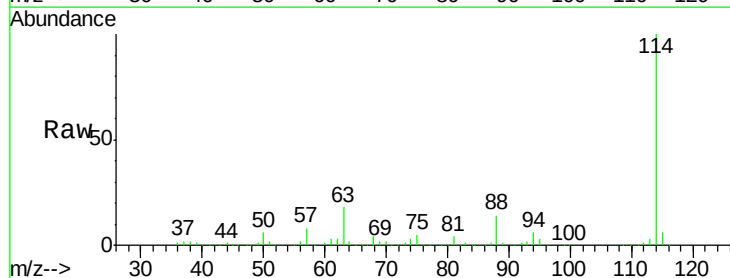
Manual Integrations
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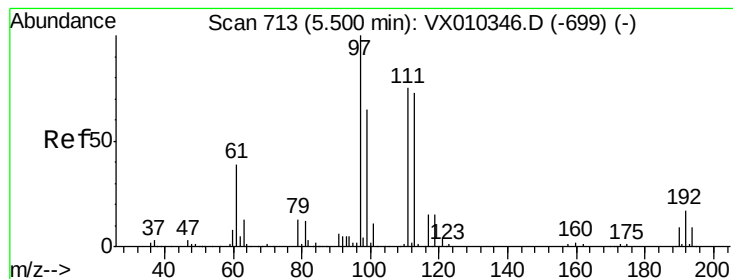
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	13.8	0.0	27.6





#35

Dibromofluoromethane

Concen: 56.769 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

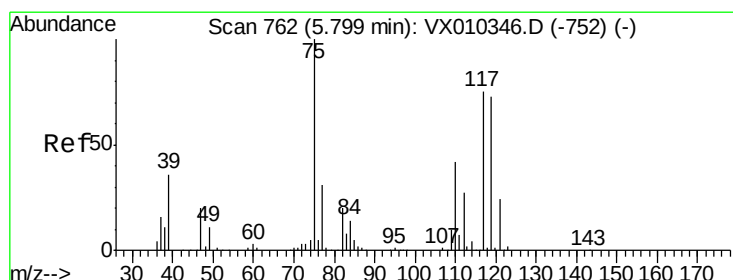
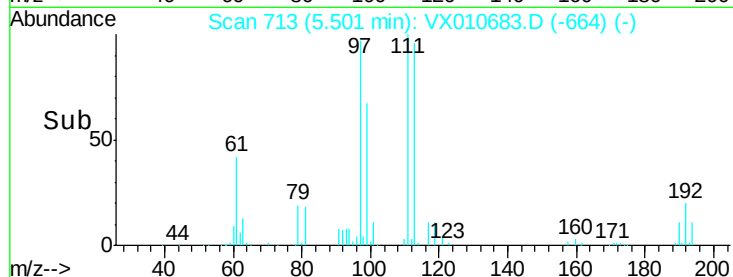
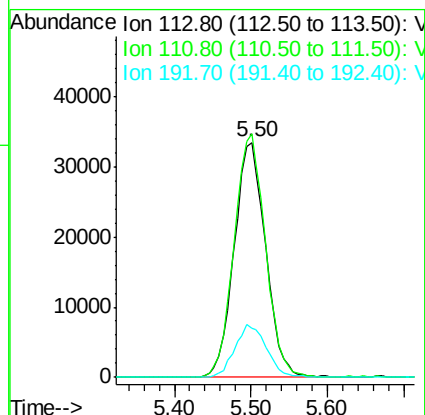
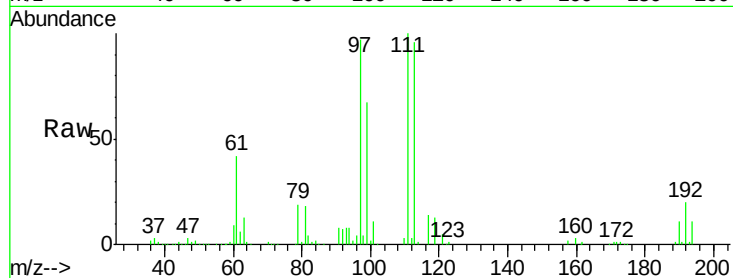
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	95551
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	22.4	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 37.950 ug/l

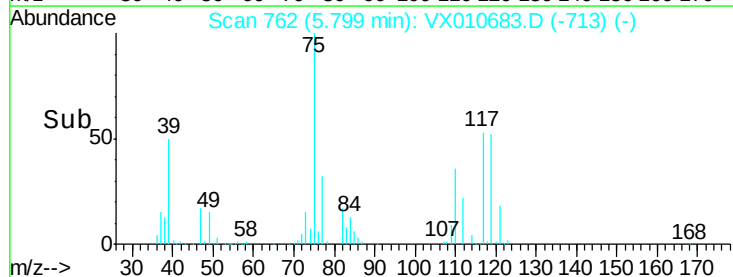
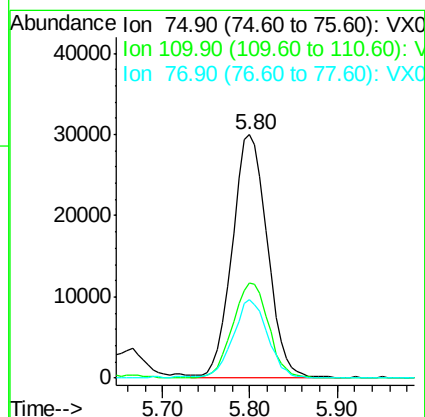
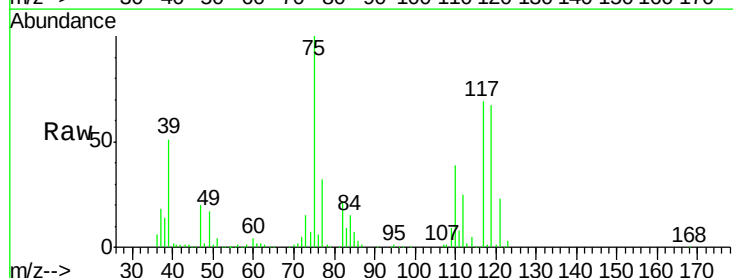
RT: 5.80 min Scan# 762

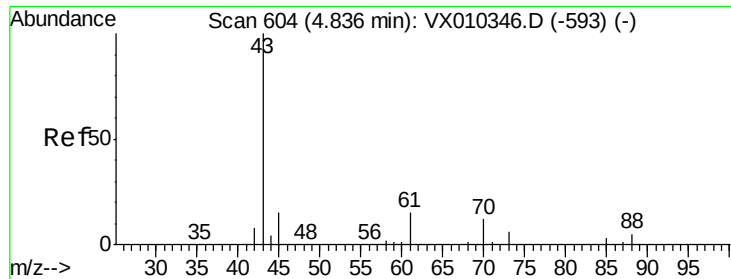
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	75	Resp:	82962
Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.8	62.2
77	31.3	25.4	38.0





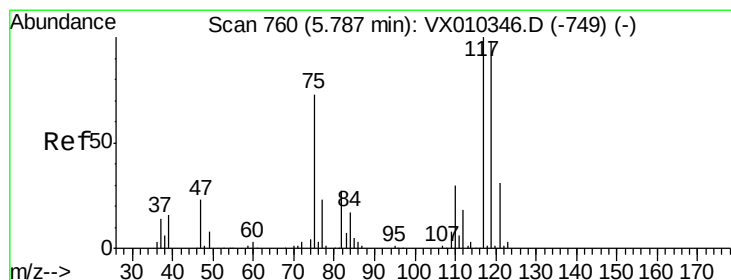
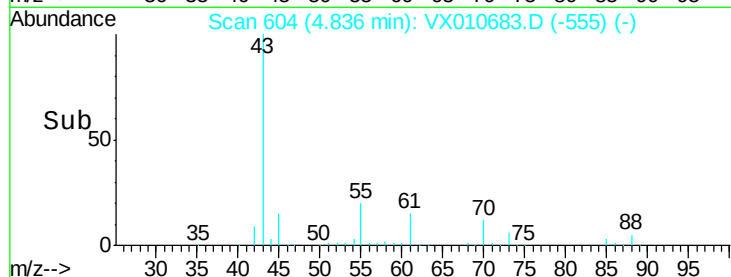
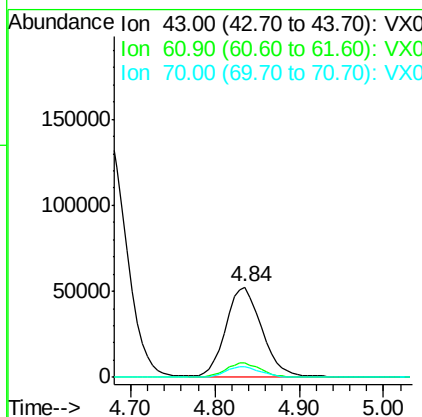
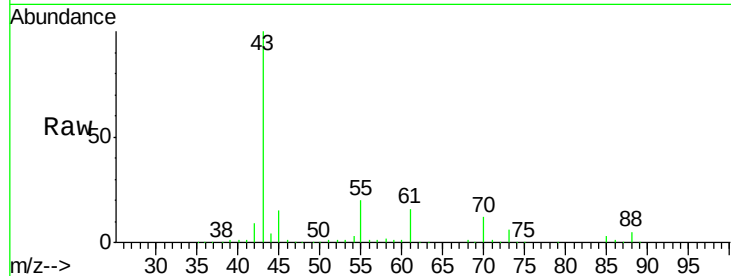
#37
Ethyl Acetate
Concen: 67.794 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.4	18.6
70	11.7	9.8	14.8

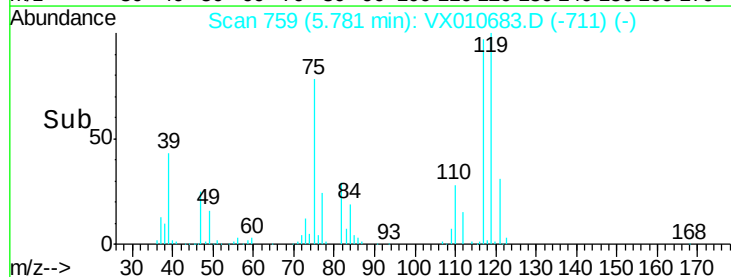
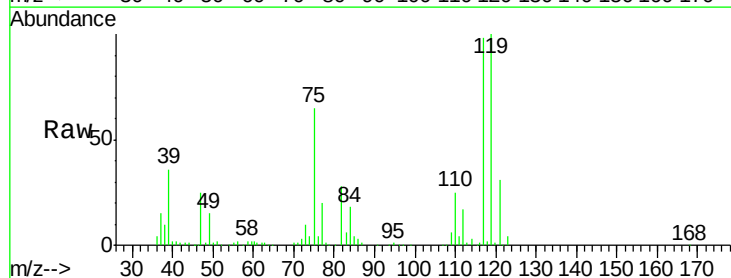
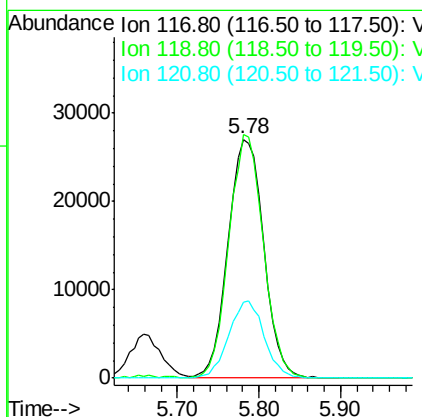
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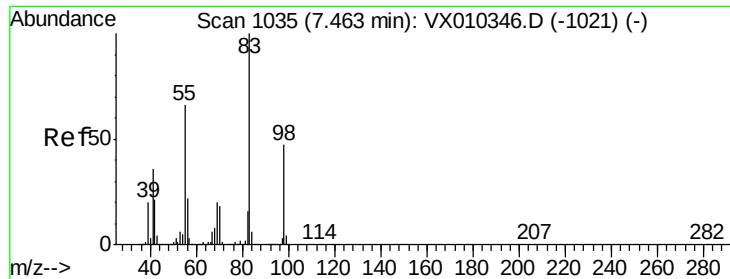
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#38
Carbon Tetrachloride
Concen: 34.483 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.8	78.2	117.4
121	32.0	24.7	37.1





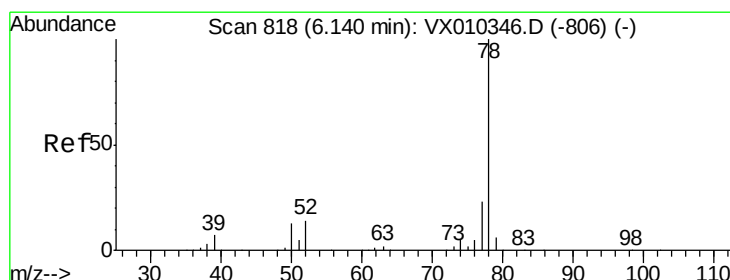
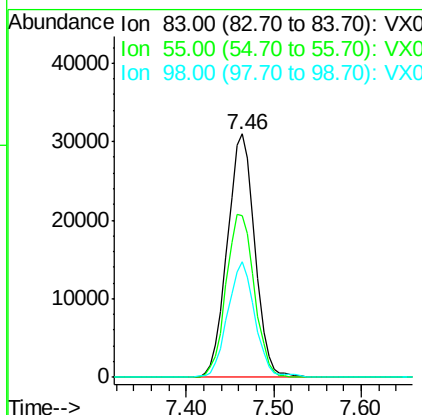
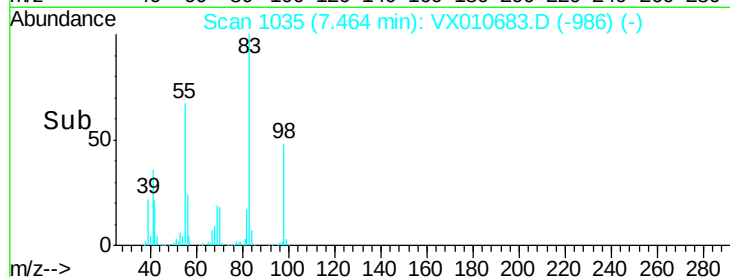
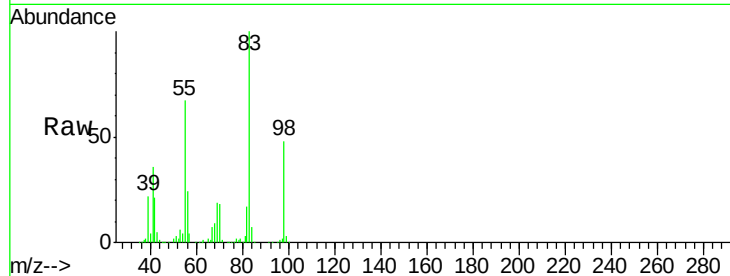
#39
Methylvlcyclohexane
Concen: 23.713 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.0	79.6
98	47.7	37.8	56.8

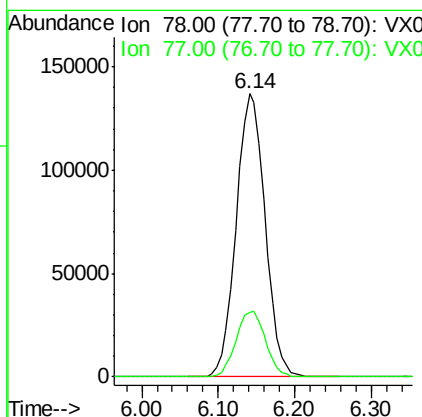
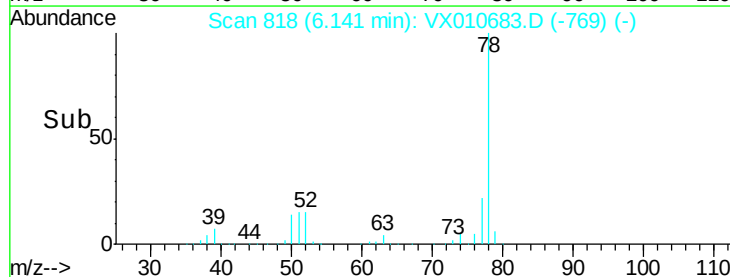
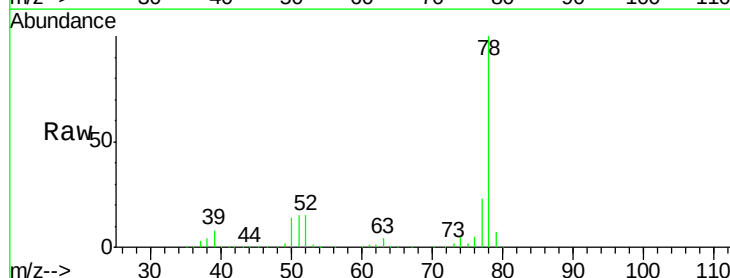
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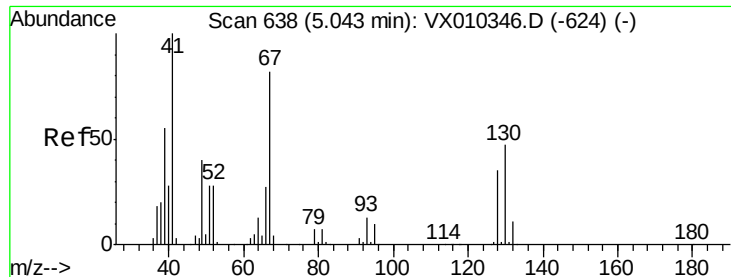
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#40
Benzene
Concen: 52.648 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	28.0





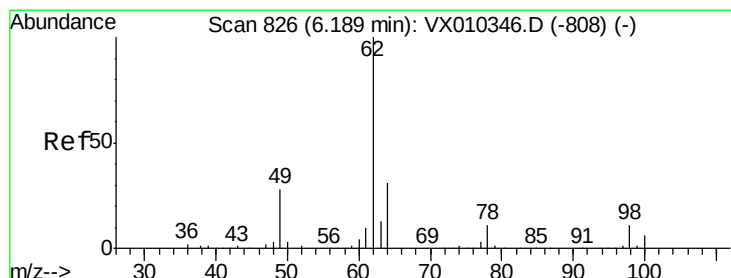
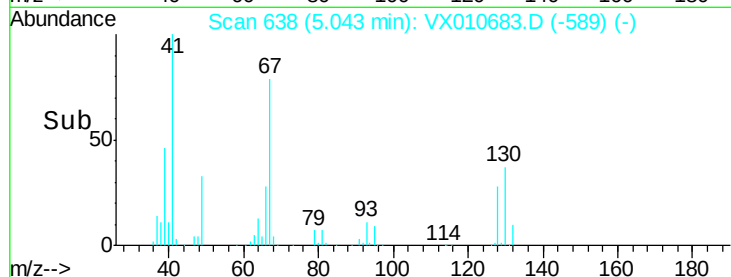
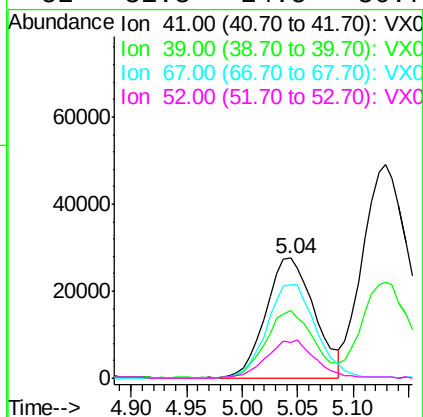
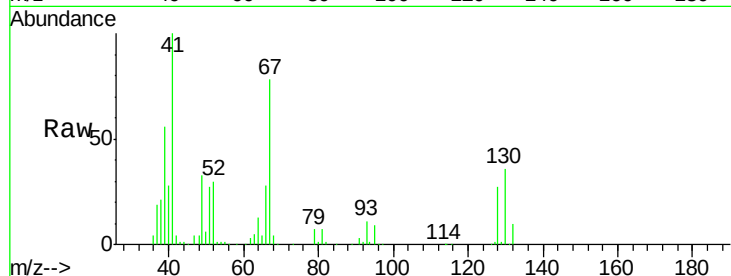
#41
Methacrylonitrile
Concen: 67.711 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.8	65.8	
67	79.6	66.6	100.0	
52	31.3	24.5	36.7	

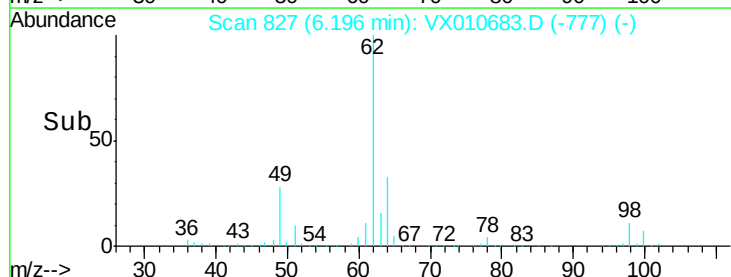
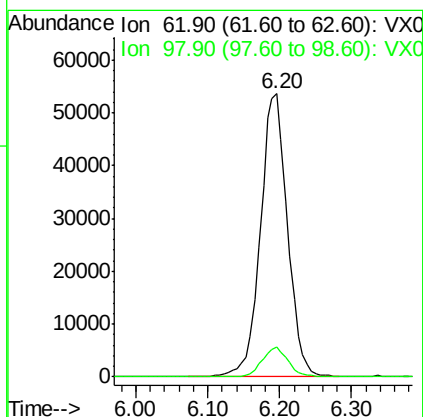
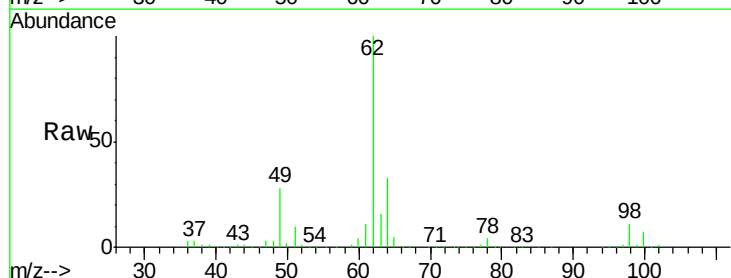
Manual Integrations
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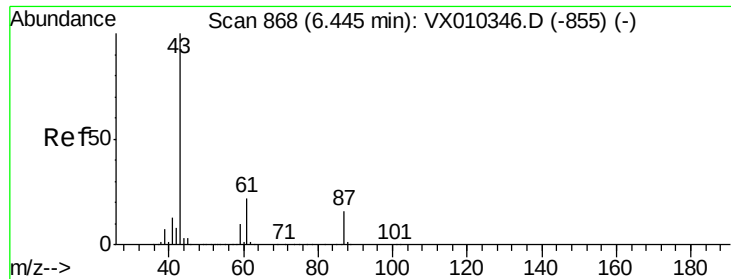
MMDadoda
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#42
1,2-Dichloroethane
Concen: 67.528 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	22.2	





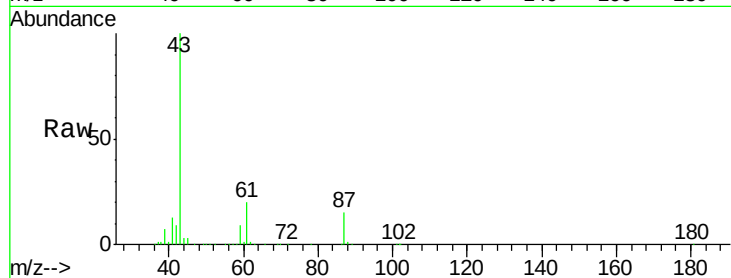
#43
Isopropyl Acetate
Concen: 66.599 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

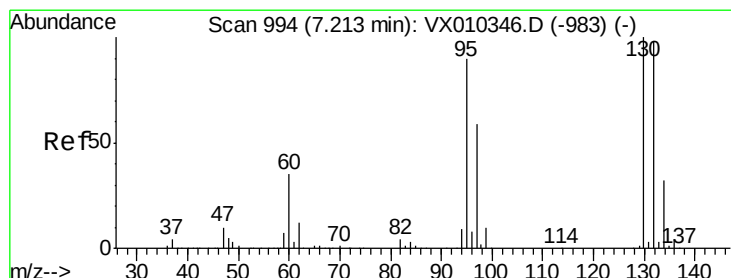
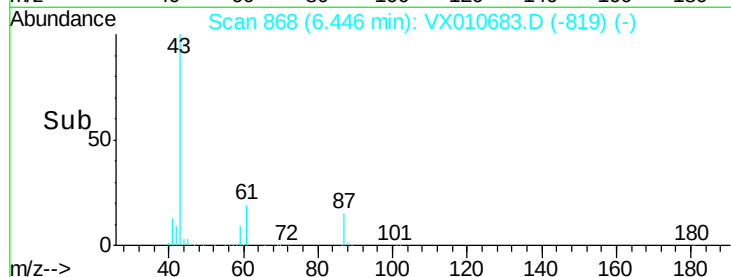
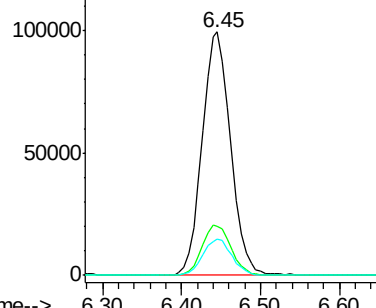
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.2	13.0	19.4

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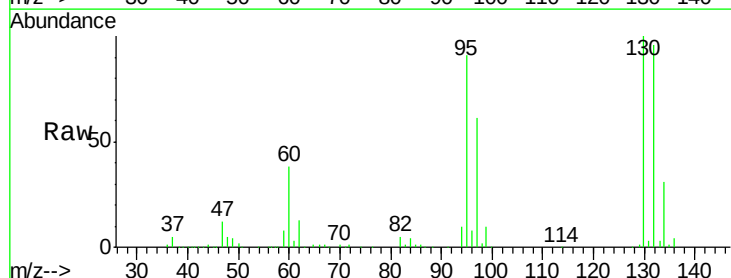


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

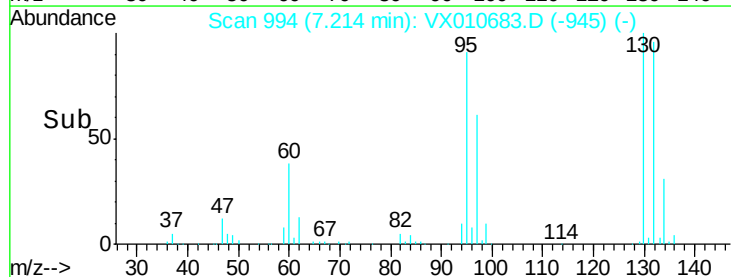
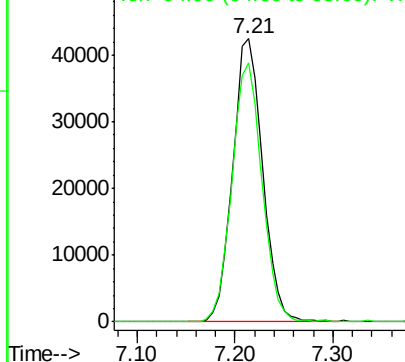


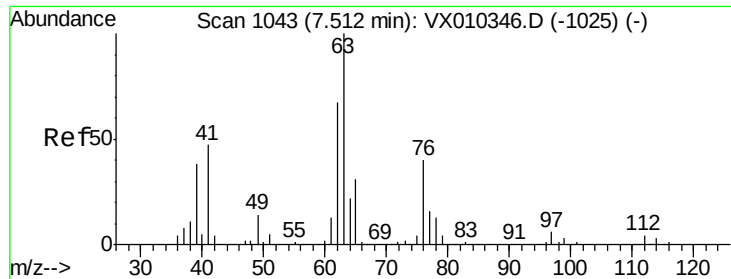
#44
Trichloroethene
Concen: 44.456 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





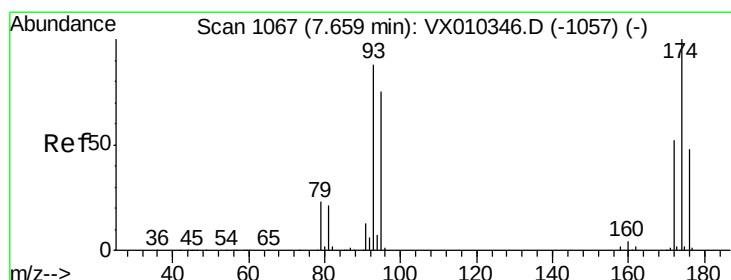
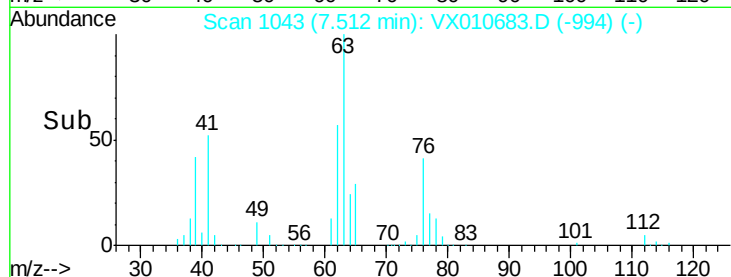
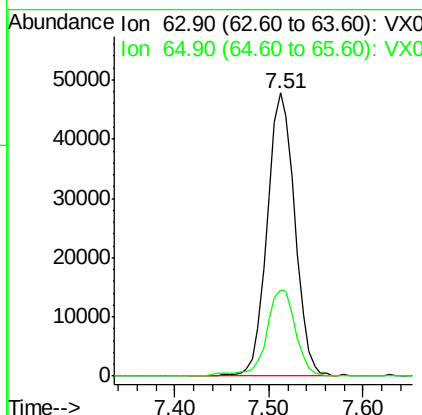
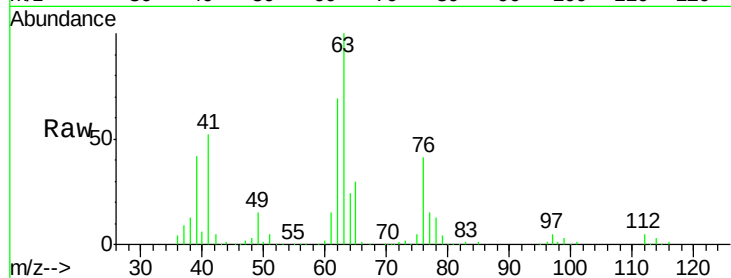
#45
 1,2-Dichloropropane
 Concen: 57.232 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 98433
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2

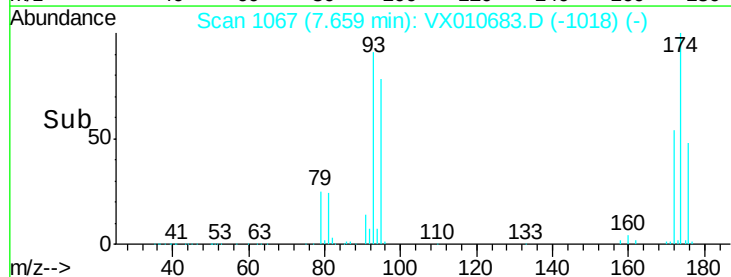
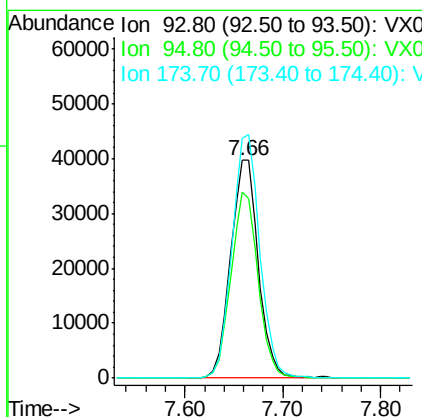
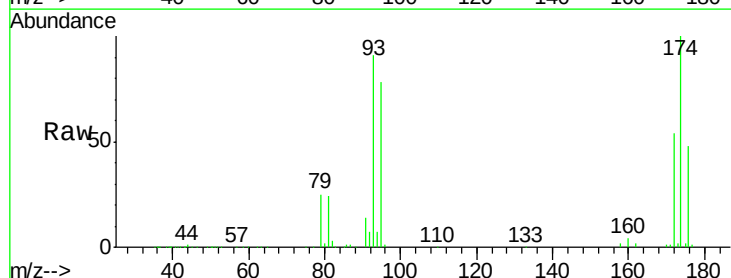
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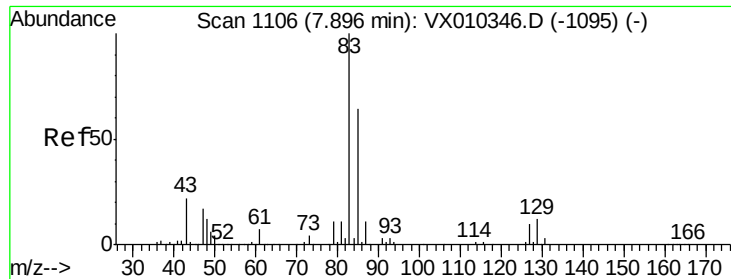
MMDadoda
 7/8/2019 10:59:03 AM



#46
 Dibromomethane
 Concen: 63.227 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion: 93 Resp: 78020
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.5 101.3
 174 112.2 95.8 143.6





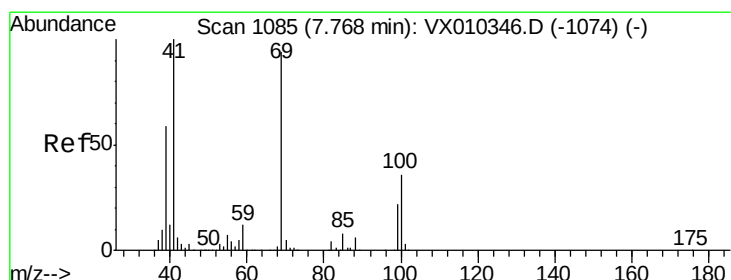
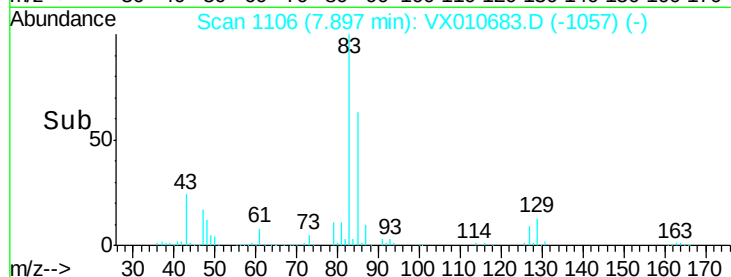
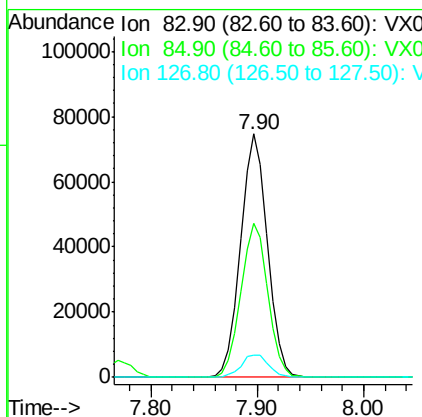
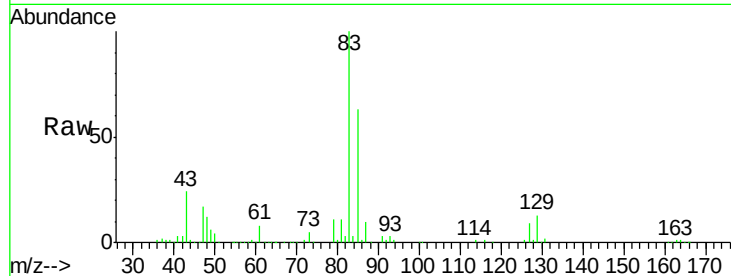
#47
Bromodichloromethane
Concen: 58.601 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3
127	9.3	7.8	11.8

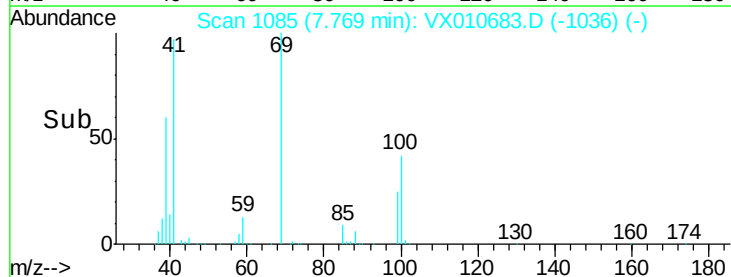
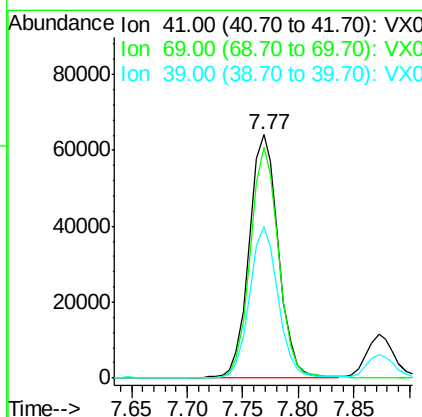
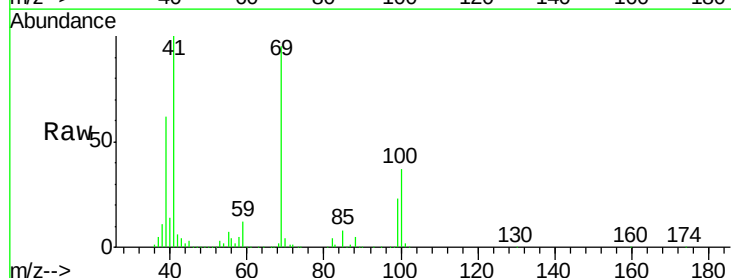
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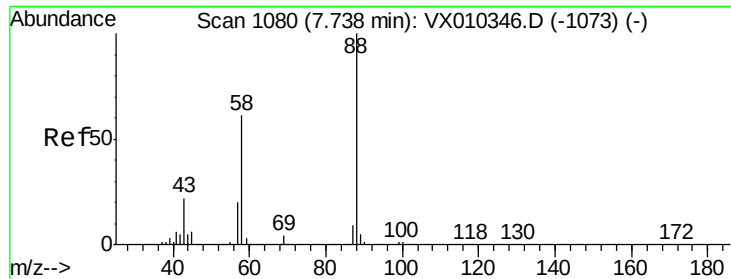
MMDadoda
7/8/2019 10:59:03 AM



#48
Methyl methacrylate
Concen: 67.712 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.7	76.1	114.1
39	60.6	47.6	71.4





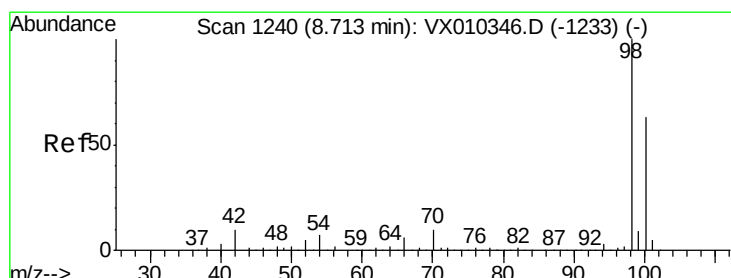
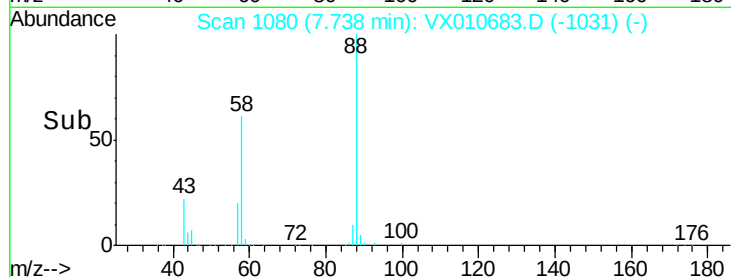
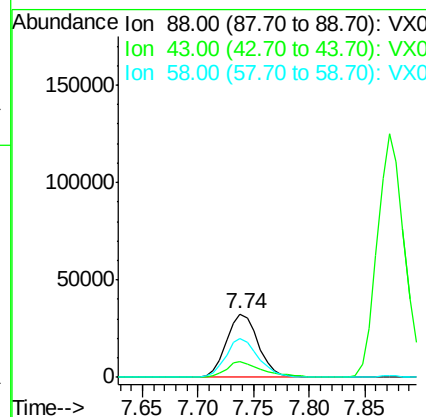
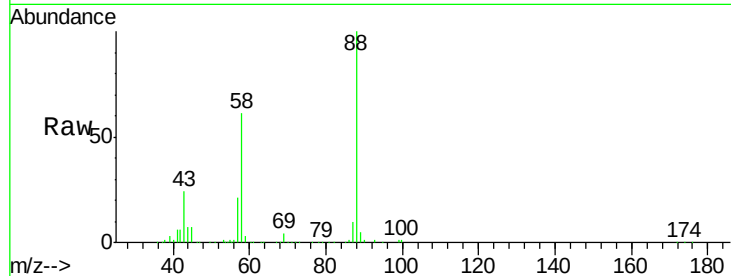
#49
1,4-Dioxane
Concen: 1298.935 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	20.2	30.2
58	62.5	49.5	74.3

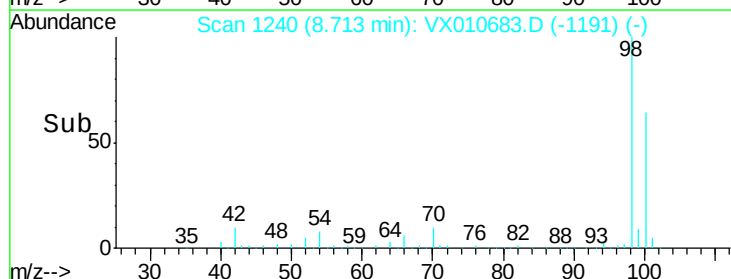
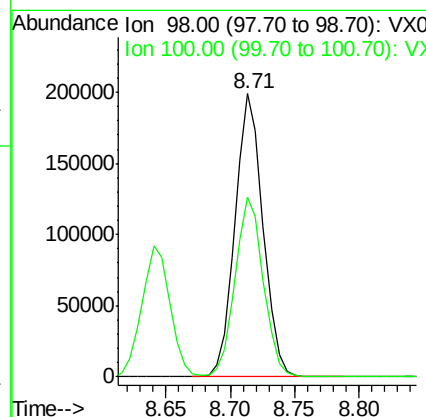
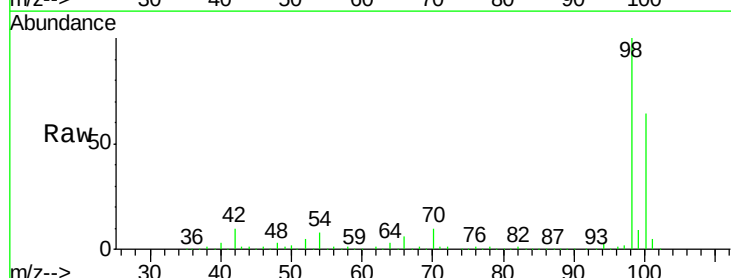
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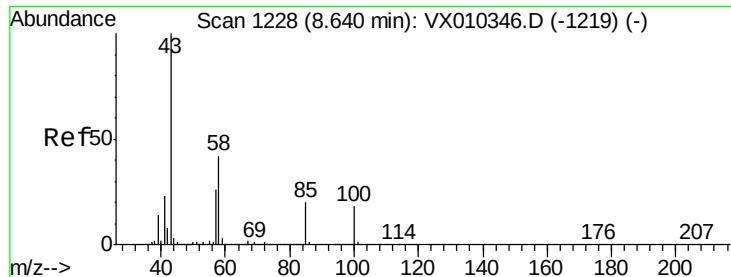
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#50
Toluene-d8
Concen: 46.678 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





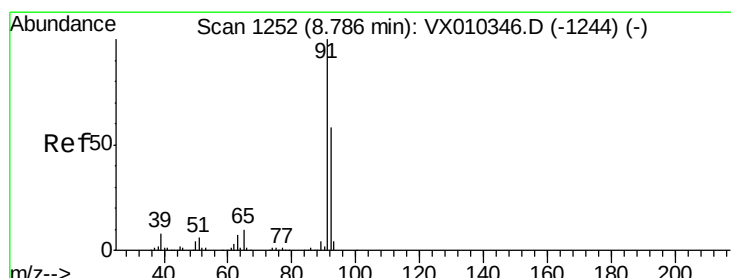
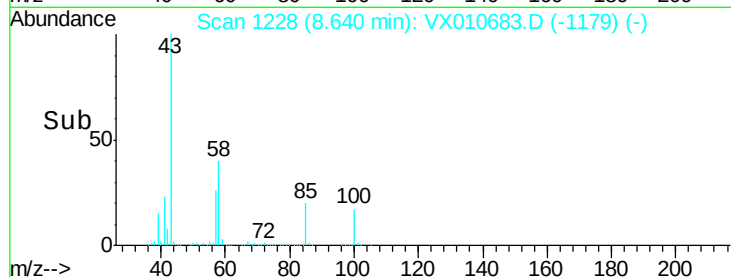
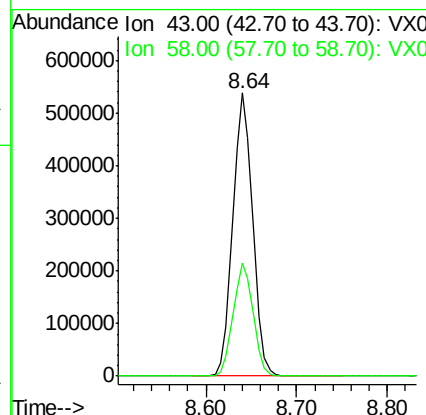
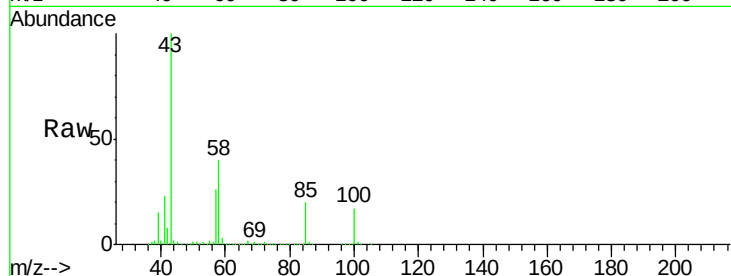
#51
4-Methyl-2-Pentanone
Concen: 343.195 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	33.5	50.3

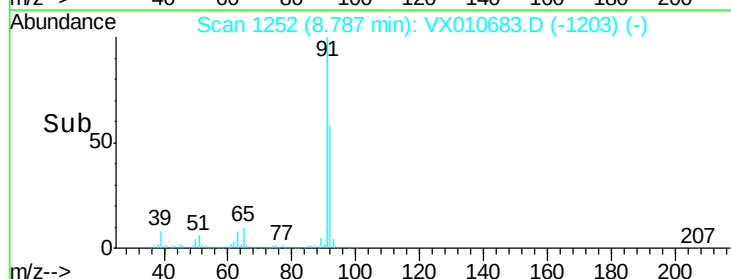
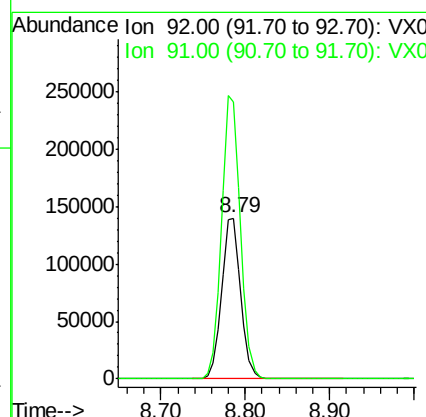
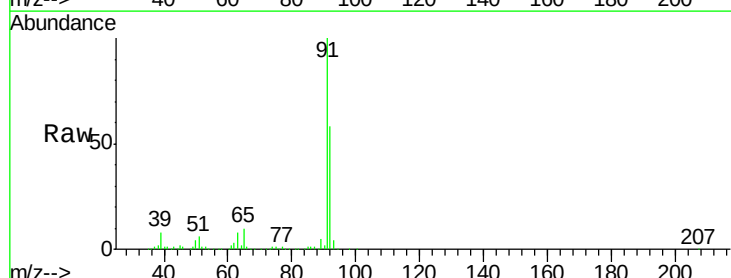
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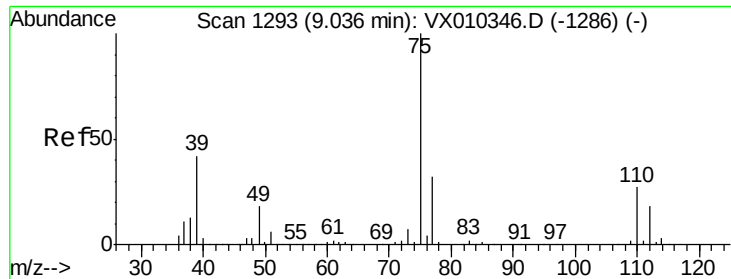
MMDadoda
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#52
Toluene
Concen: 48.554 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.2	139.8	209.6





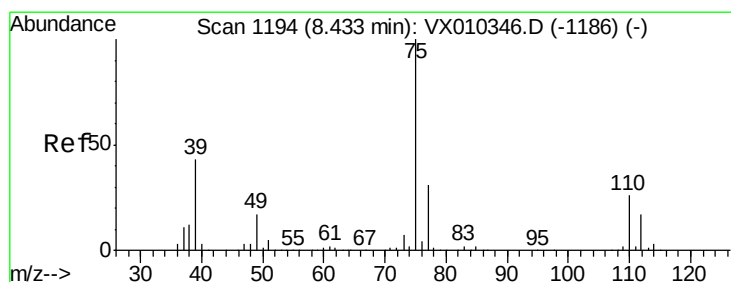
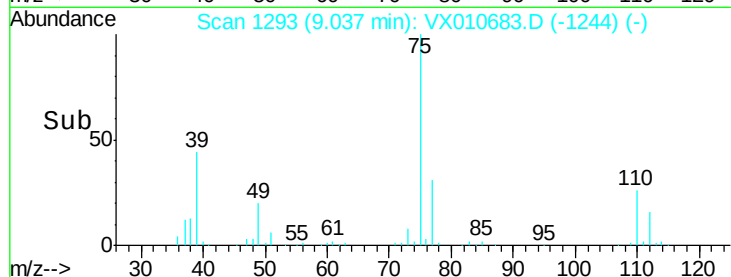
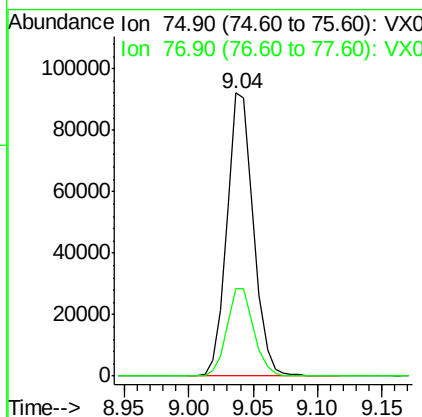
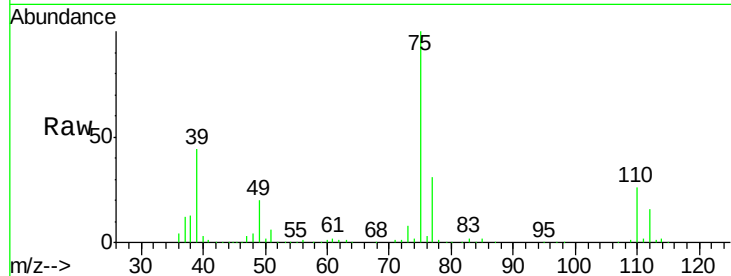
#53
t-1,3-Dichloropropene
Concen: 52.461 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 133007
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

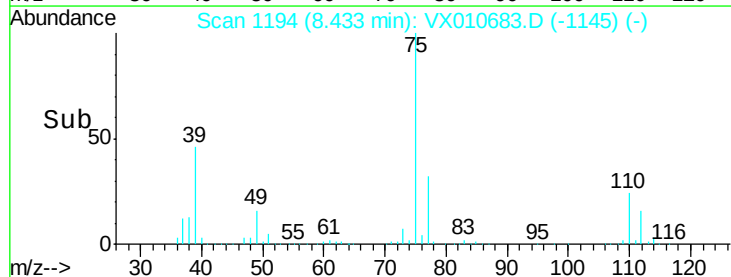
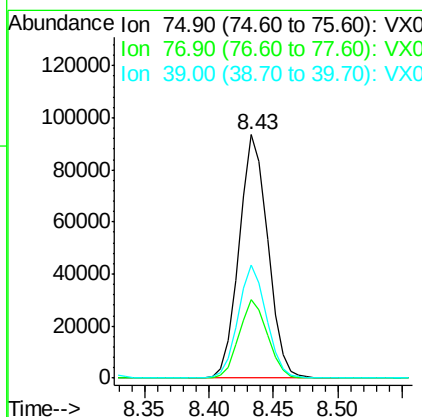
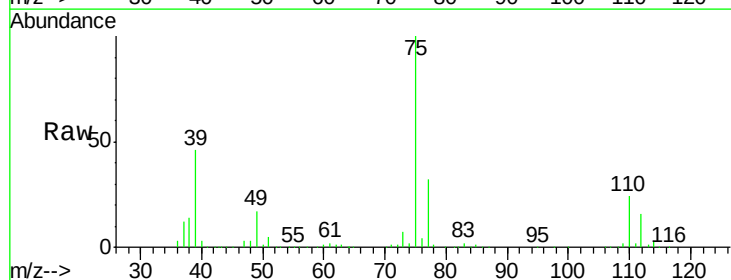
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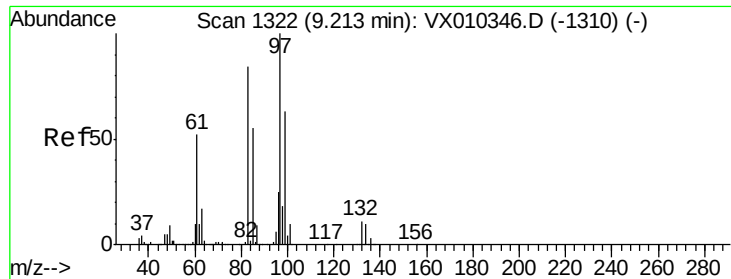
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#54
cis-1,3-Dichloropropene
Concen: 52.413 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion: 75 Resp: 144408
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 46.0 34.5 51.7





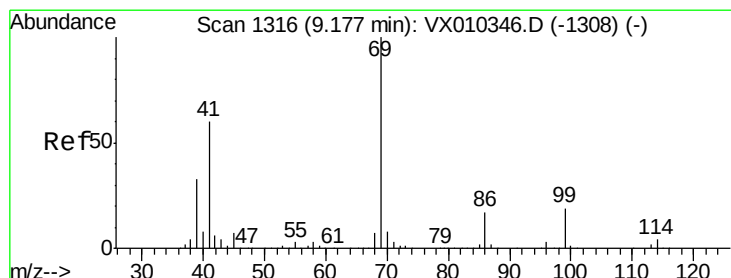
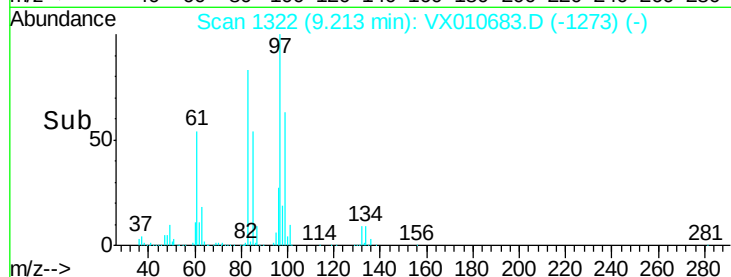
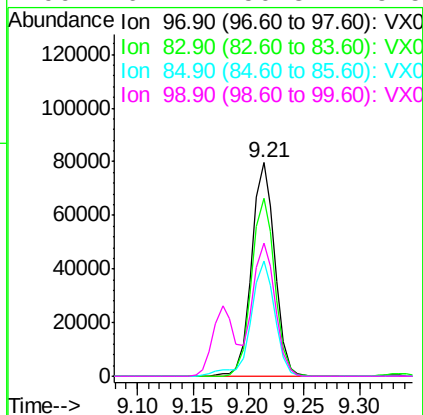
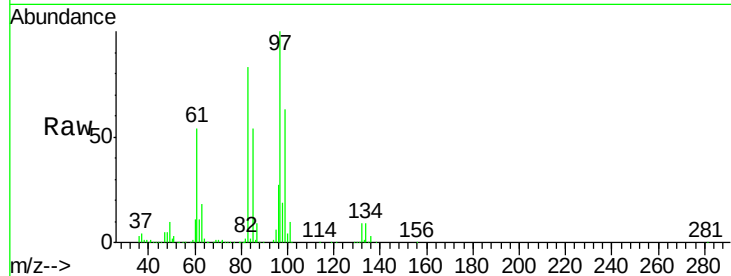
#55
 1,1,2-Trichloroethane
 Concen: 62.370 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115368		
83	83.2	67.4	101.0		
85	53.8	43.8	65.8		
99	62.4	50.3	75.5		

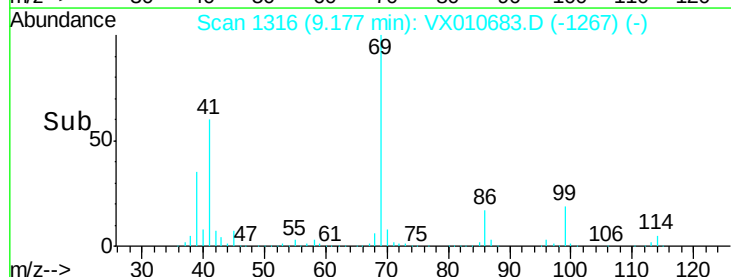
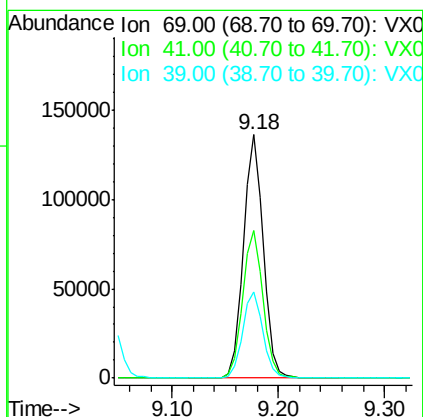
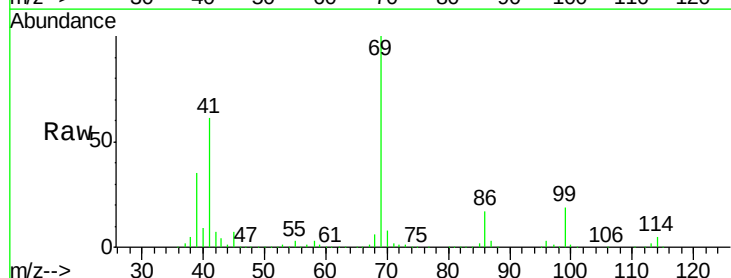
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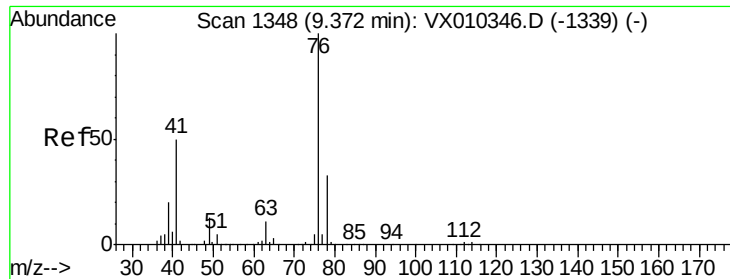
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#56
 Ethyl methacrylate
 Concen: 63.581 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		178159		
41	62.2	47.1	70.7		
39	36.1	26.6	40.0		





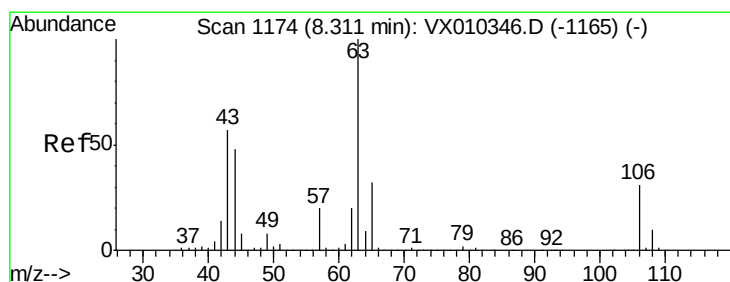
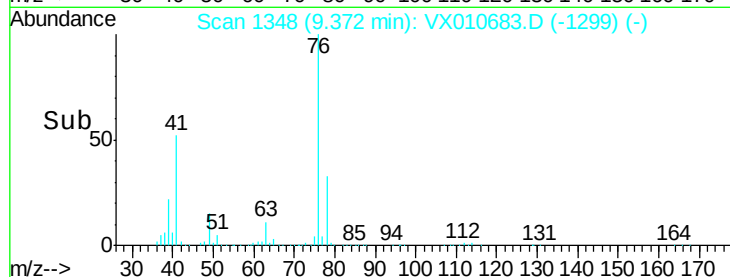
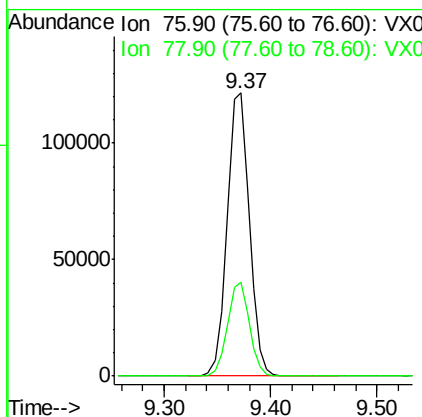
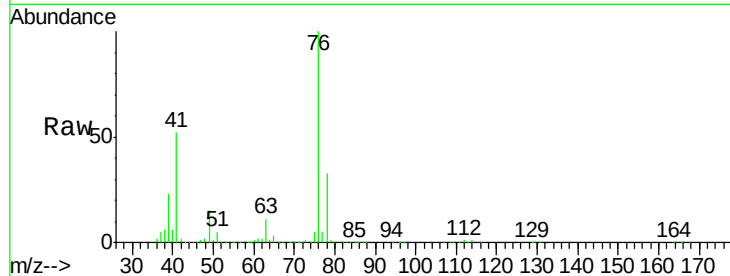
#57
 1,3-Dichloropropane
 Concen: 62.240 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

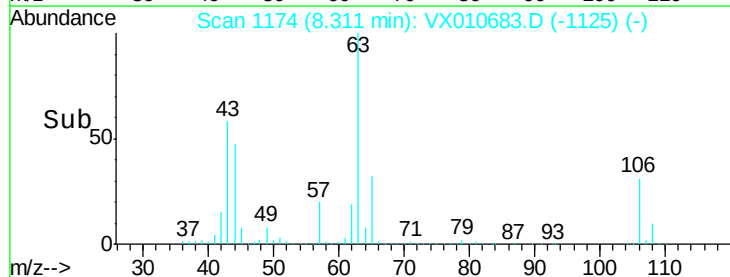
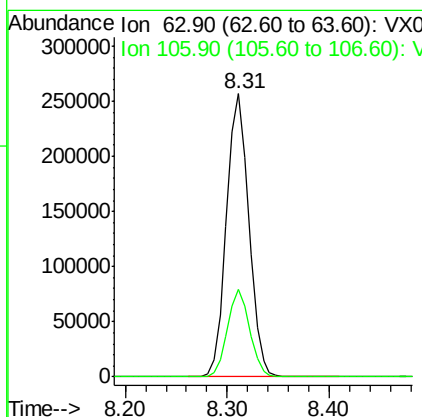
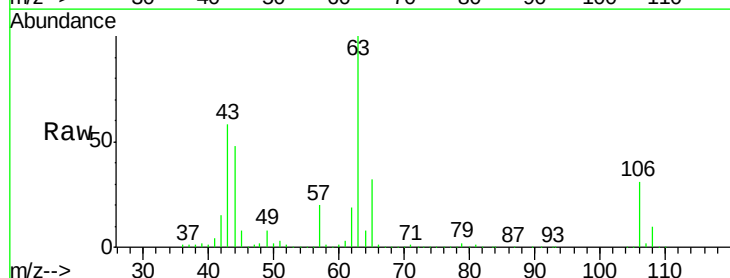
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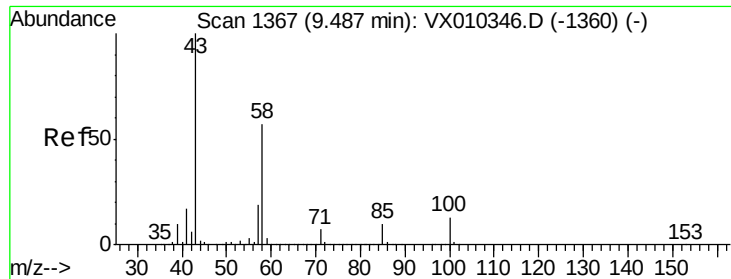
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 7/8/2019 10:59:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.971 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.7	37.1





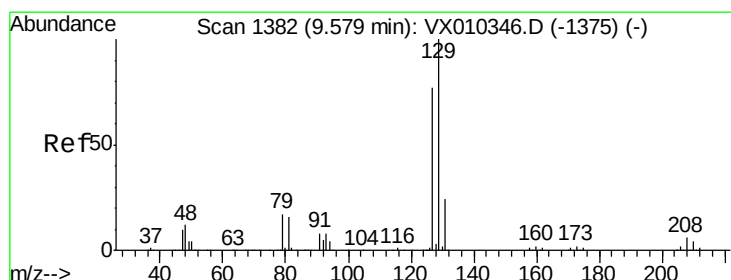
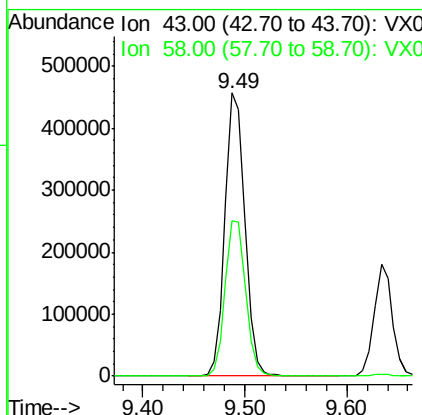
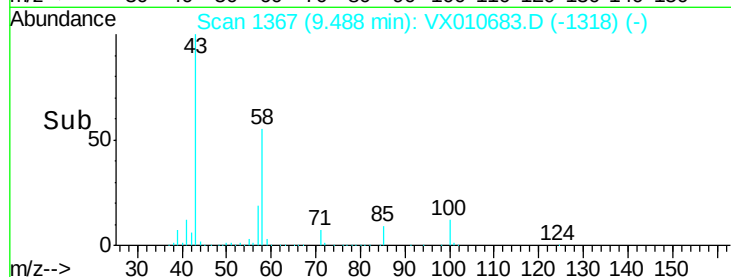
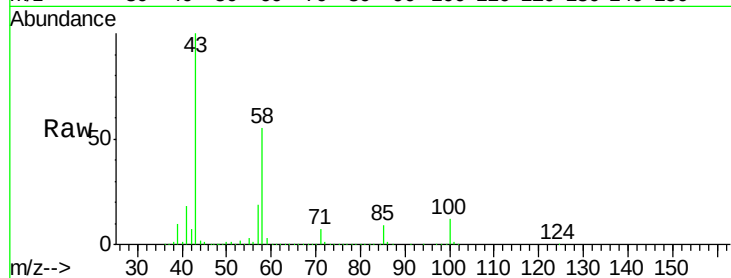
#59
2-Hexanone
Concen: 331.455 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 620786
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.1

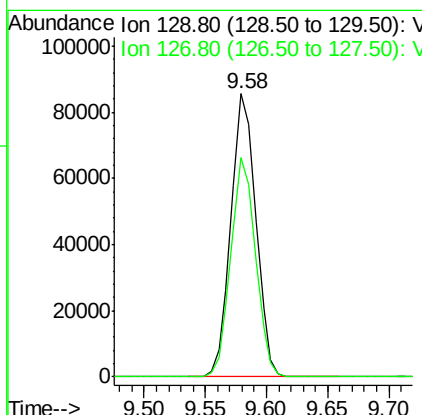
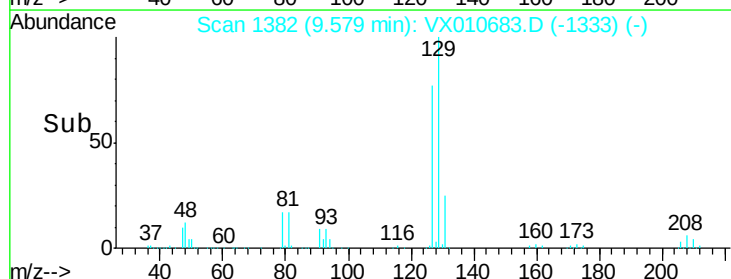
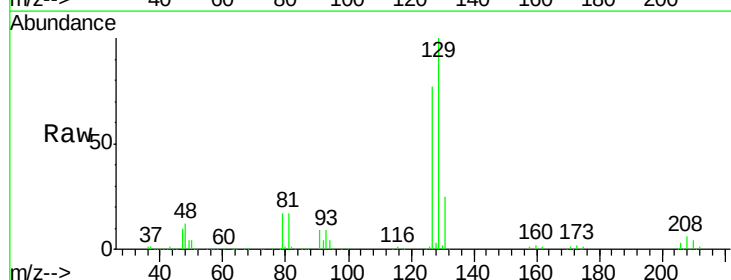
Manual Integrations
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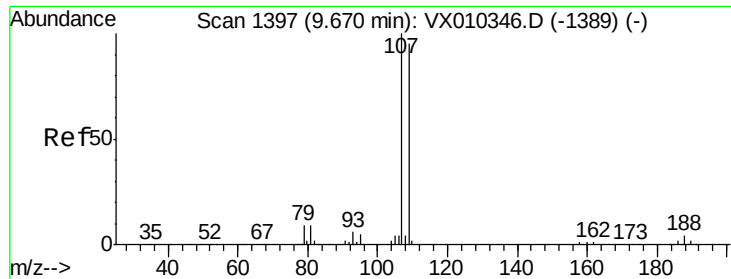
MMDadoda
7/8/2019 10:59:03 AM



#60
Dibromochloromethane
Concen: 58.409 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion: 129 Resp: 120970
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 61.924 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 123636

Ion Ratio Lower Upper

107 100

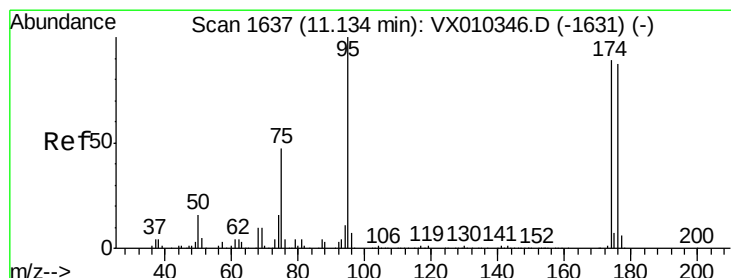
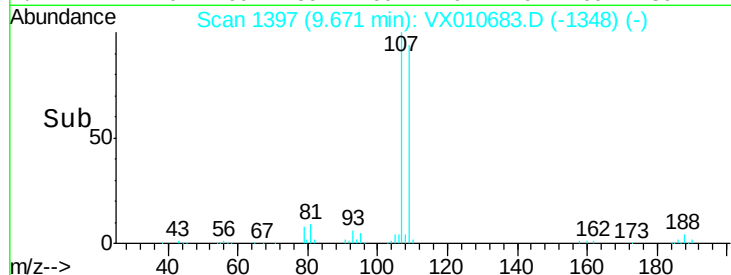
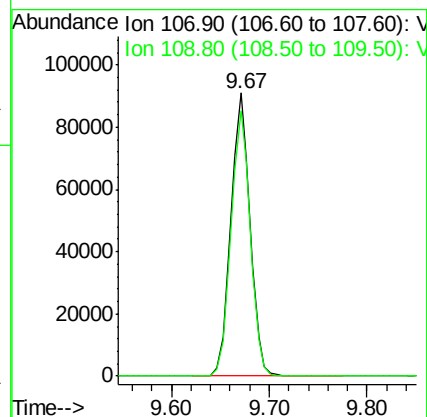
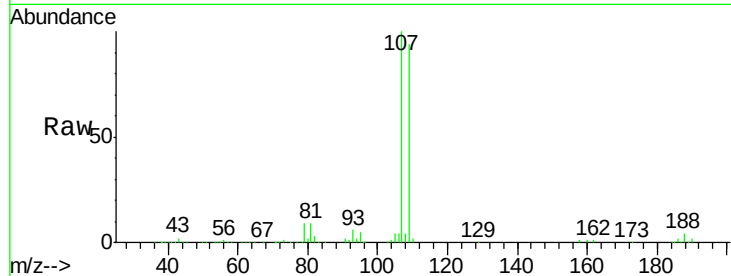
109 94.1 75.8 113.6

Manual Integrations

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MMDadoda

7/8/2019 10:59:03 AM



#62

4-Bromofluorobenzene

Concen: 50.371 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

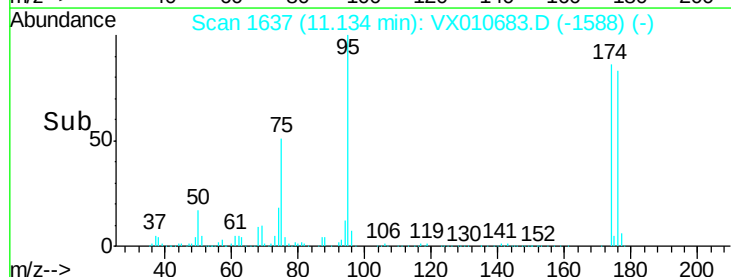
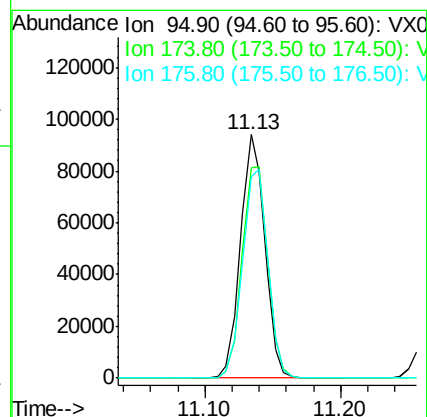
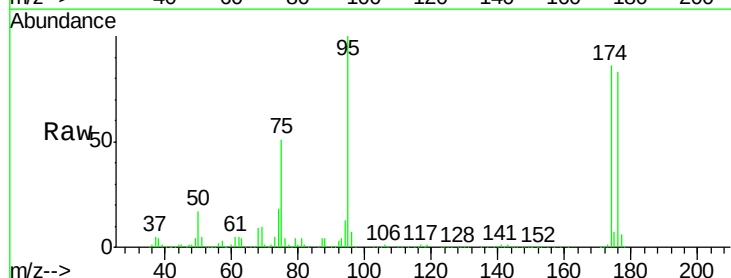
Tgt Ion: 95 Resp: 117103

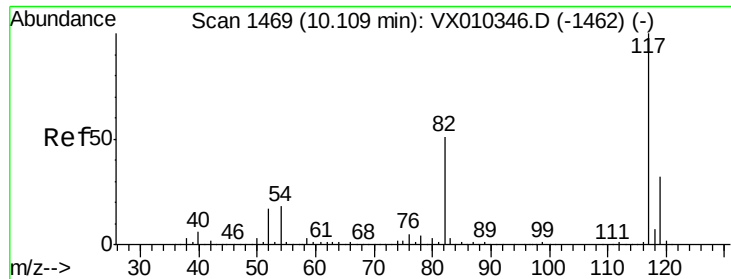
Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.6

176 89.3 0.0 184.0





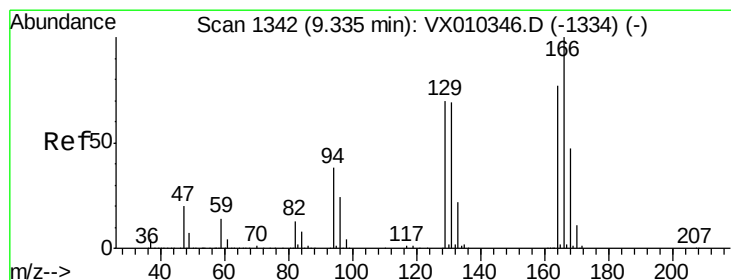
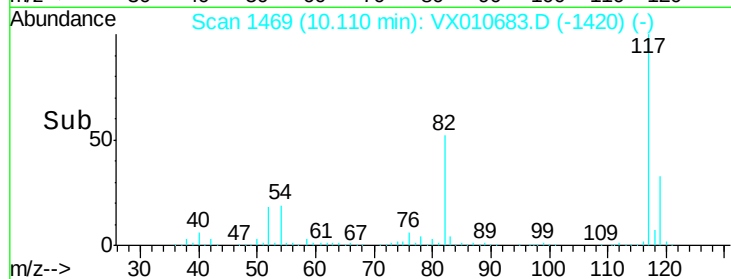
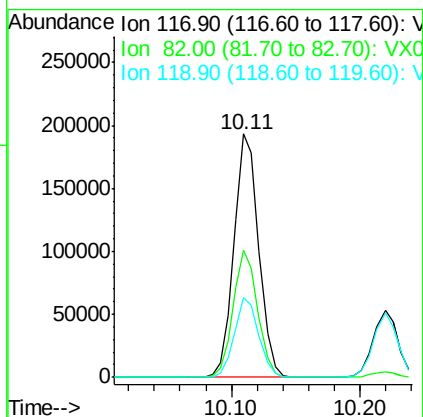
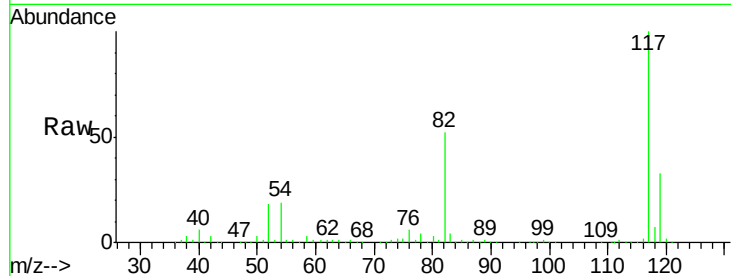
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.2	61.8
119	32.7	25.5	38.3

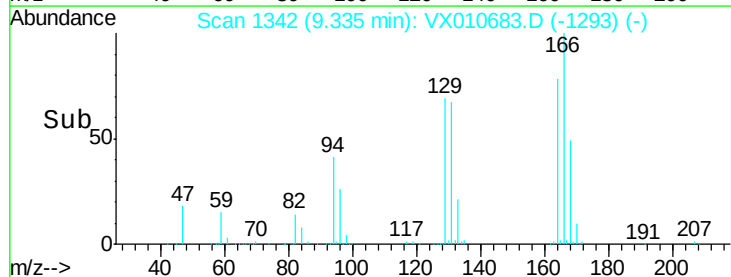
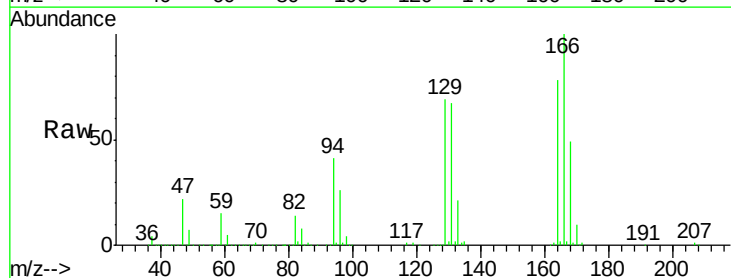
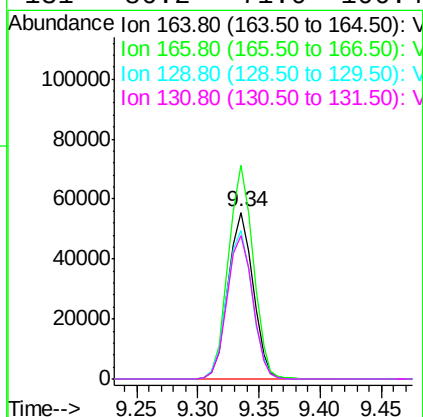
Manual Integrations
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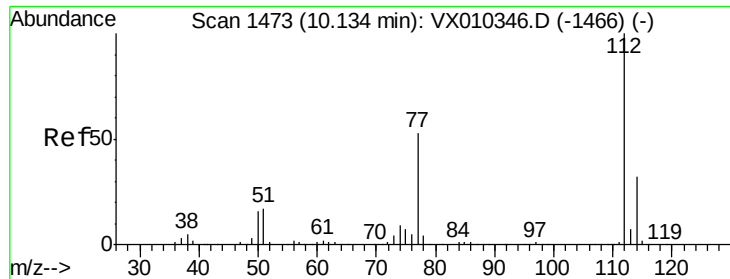
MMDadoda
7/8/2019 10:59:03 AM



#64
Tetrachloroethene
Concen: 37.381 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.6	155.4
129	88.8	73.0	109.4
131	86.2	71.0	106.4





#65

Chlorobenzene

Concen: 48.698 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 256333

Ion Ratio Lower Upper

112 100

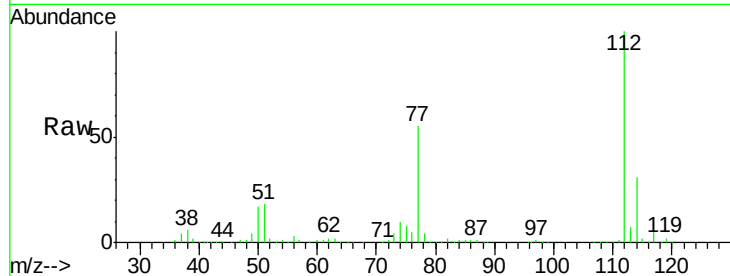
114 31.0 25.4 38.2

Manual Integrations

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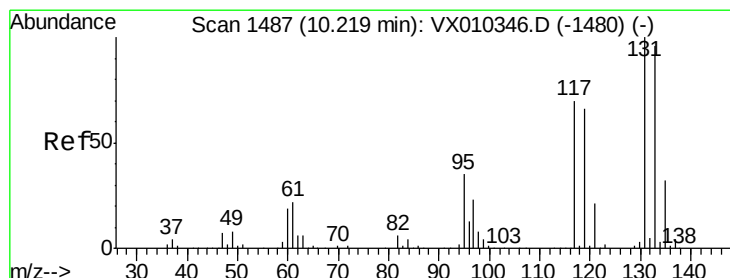
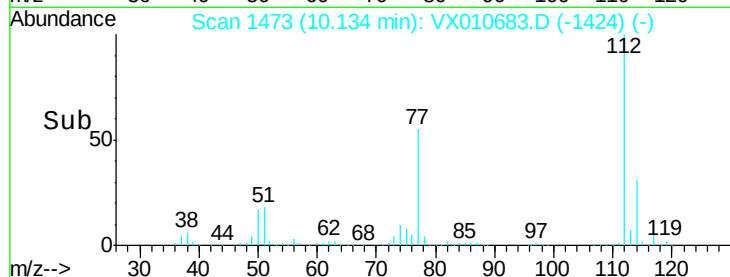
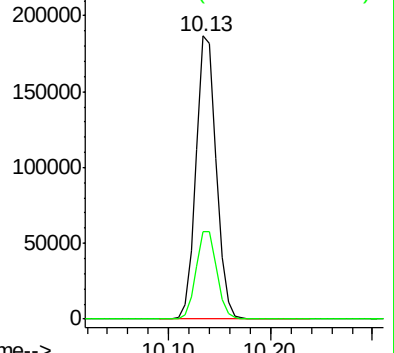
MMDadoda

7/8/2019 10:59:03 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.707 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

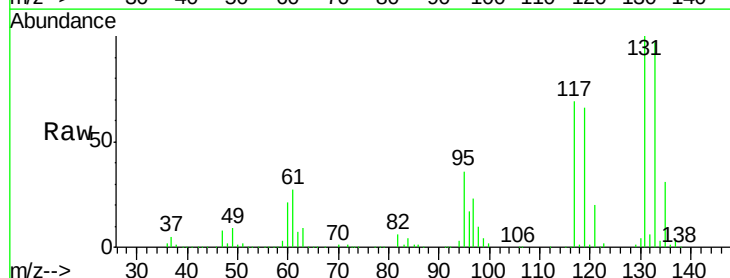
Tgt Ion:131 Resp: 102975

Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

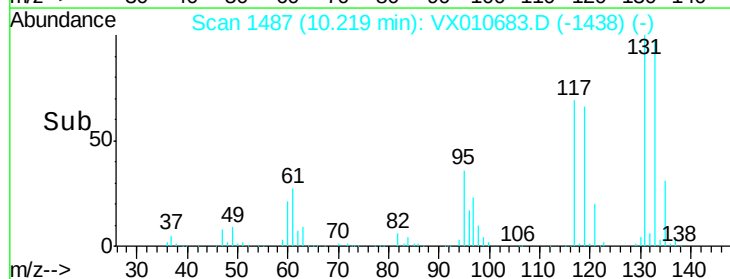
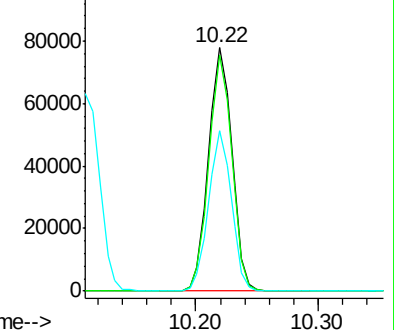
119 64.7 32.6 97.7

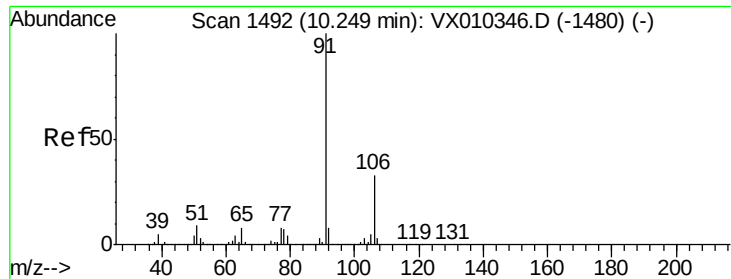


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





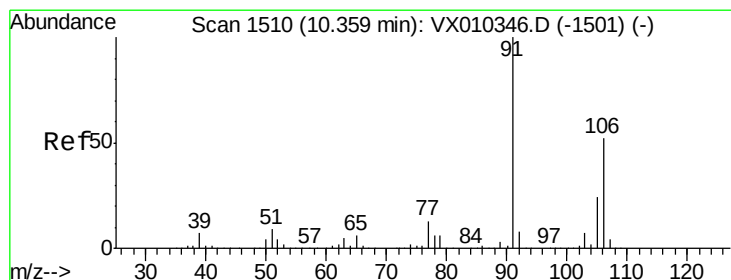
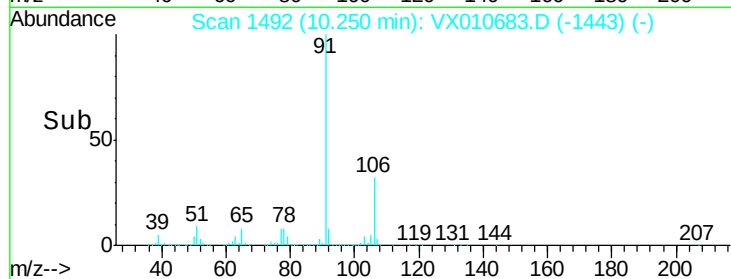
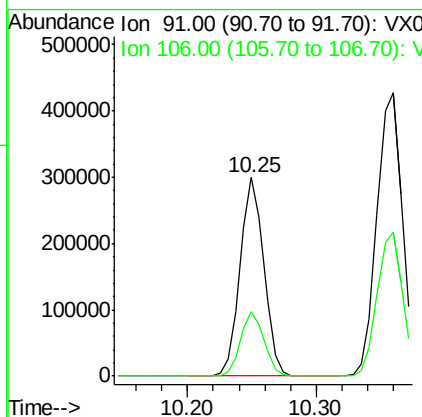
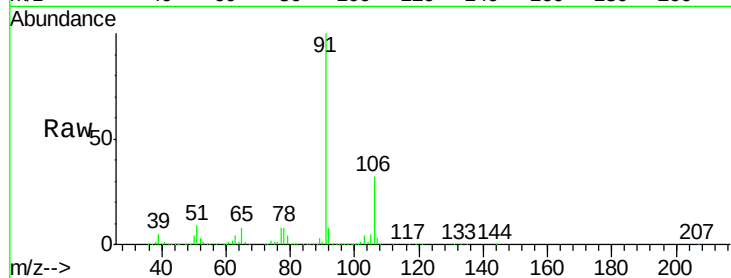
#67
Ethyl Benzene
Concen: 43.179 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 383707
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2

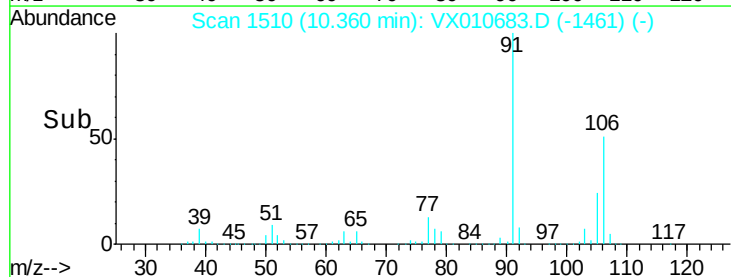
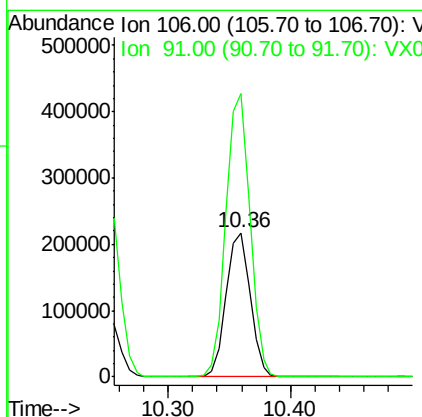
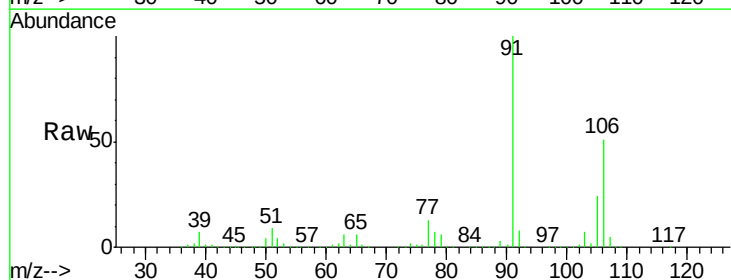
Manual Integrations
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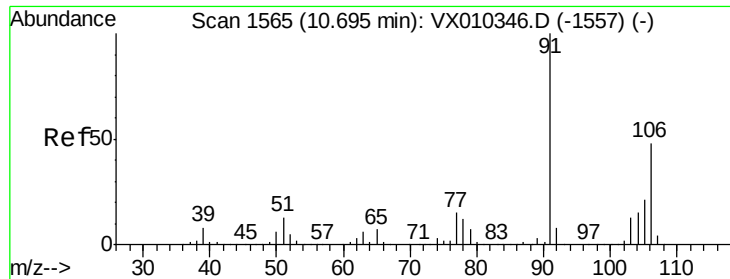
MMDadoda
7/8/2019 10:59:03 AM



#68
m/p-Xylenes
Concen: 85.950 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion: 106 Resp: 295947
Ion Ratio Lower Upper
106 100
91 196.9 155.3 232.9





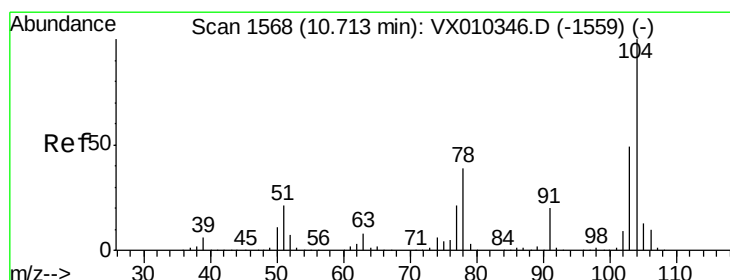
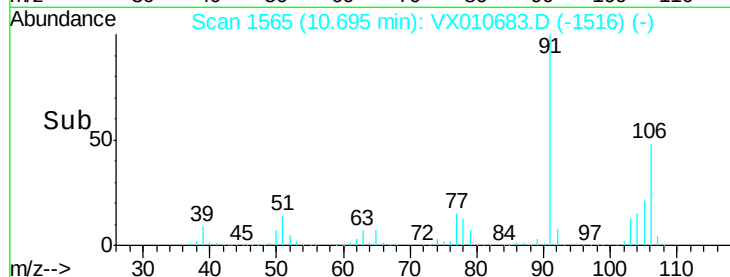
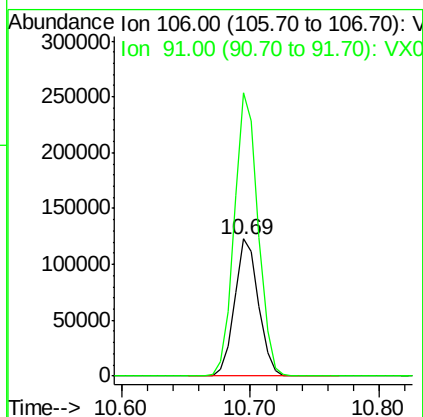
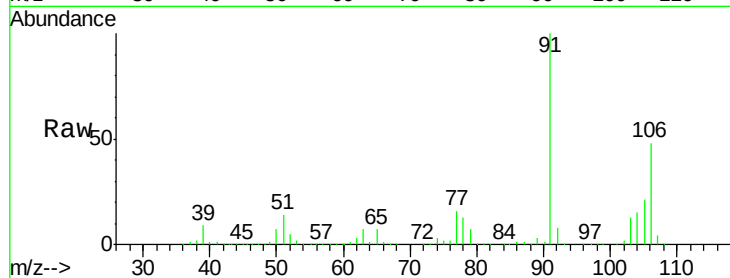
#69
o-Xylene
Concen: 46.718 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.1	102.7	158195	308.1	

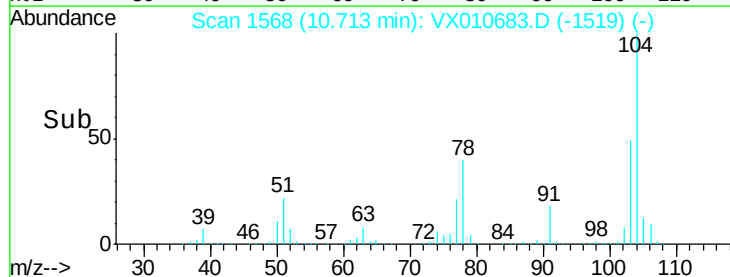
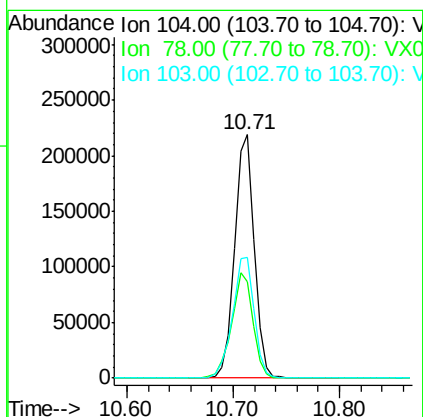
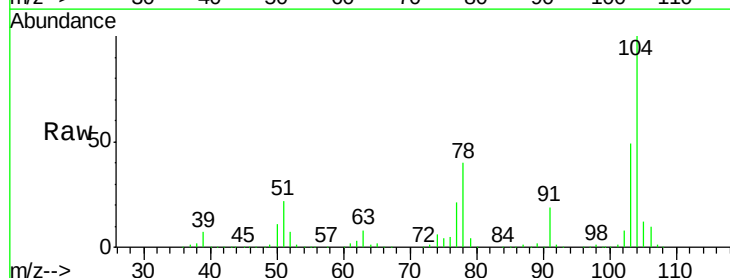
Manual Integrations
APPROVED

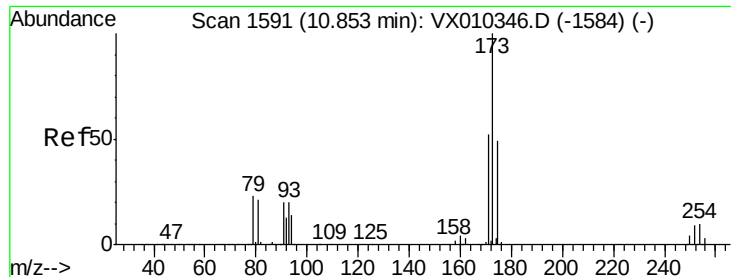
MMDadoda
7/8/2019 10:59:03 AM



#70
Styrene
Concen: 49.914 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.0	36.2	283443	54.2	
103	55.0	44.2		66.4	





#71

Bromoform

Concen: 54.884 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 91511

Ion Ratio Lower Upper

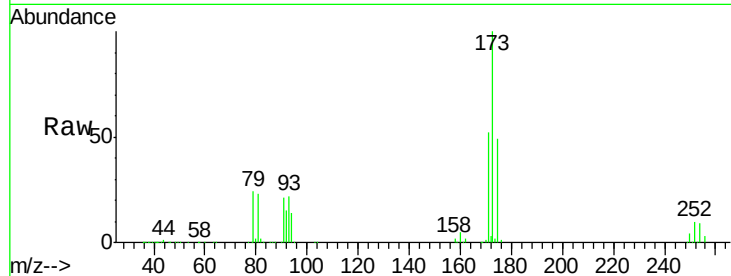
173 100

175 49.6 24.1 72.3

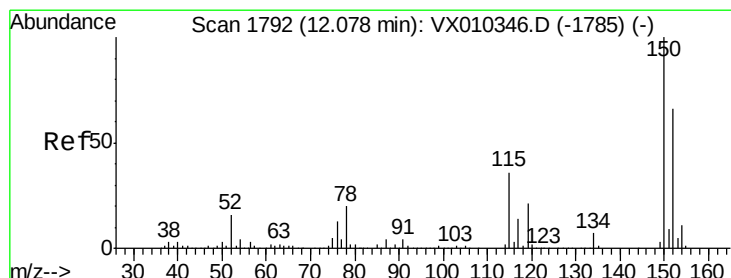
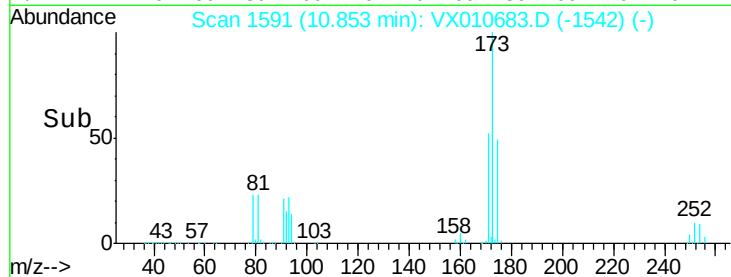
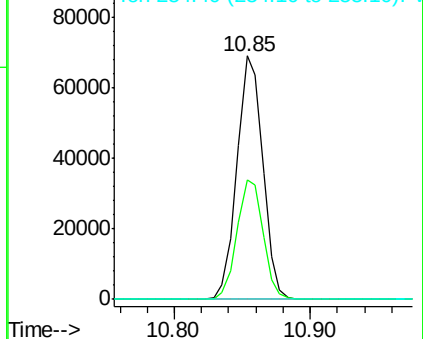
254 0.1 0.2 0.2#

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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: VX010683.D

Acq: 04 Jul 2019 11:22

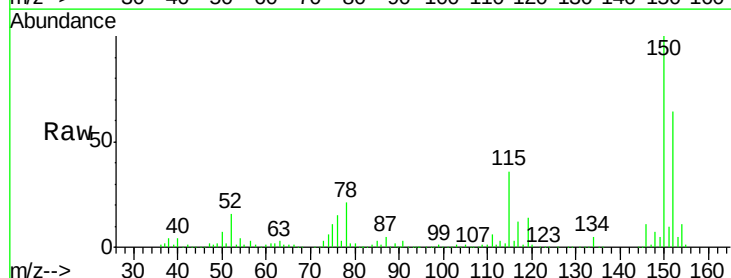
Tgt Ion:152 Resp: 127777

Ion Ratio Lower Upper

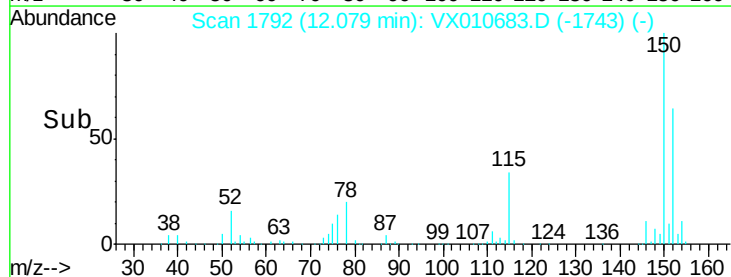
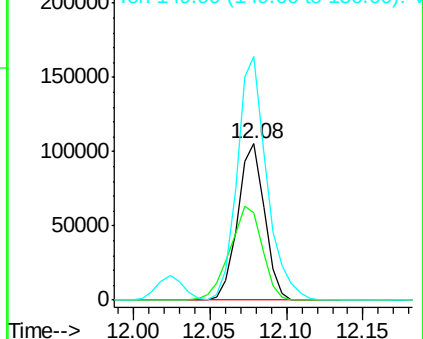
152 100

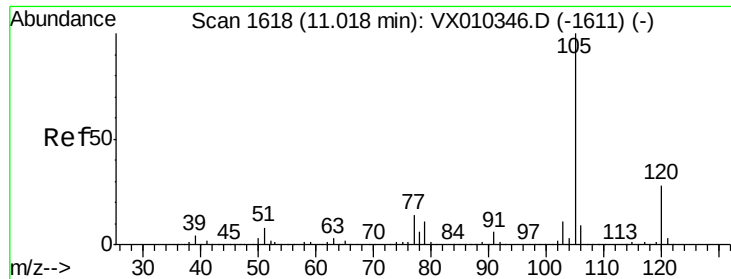
115 72.6 38.6 115.7

150 171.4 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: 39.955 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 346076

Ion Ratio Lower Upper

105 100

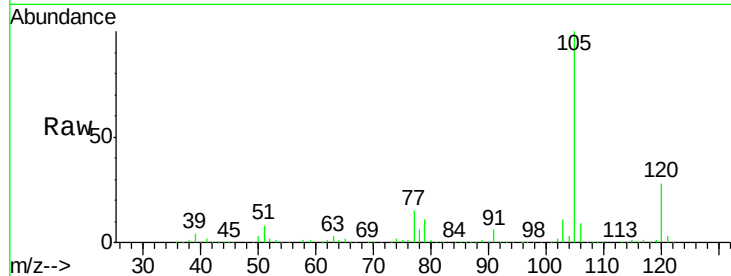
120 27.6 14.1 42.4

Manual Integrations

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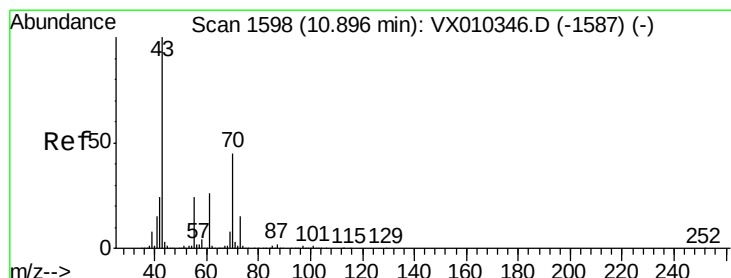
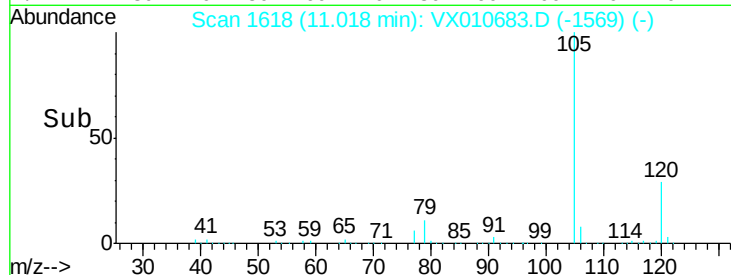
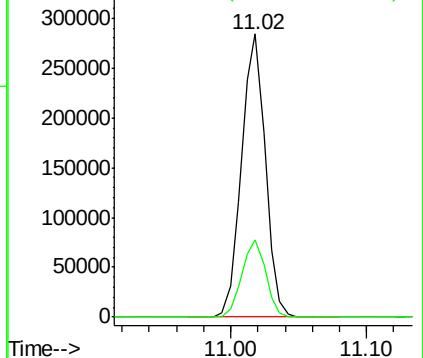
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 64.767 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion: 43 Resp: 212010

Ion Ratio Lower Upper

43 100

70 43.9 36.6 54.8

55 23.7 18.7 28.1

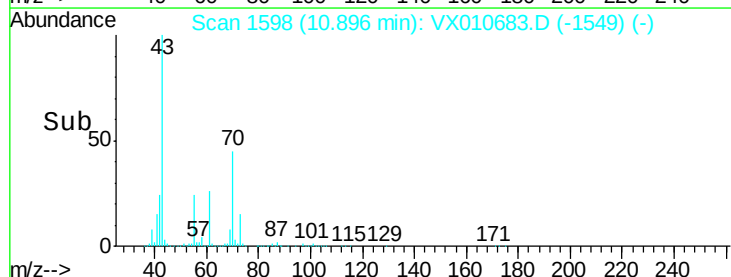
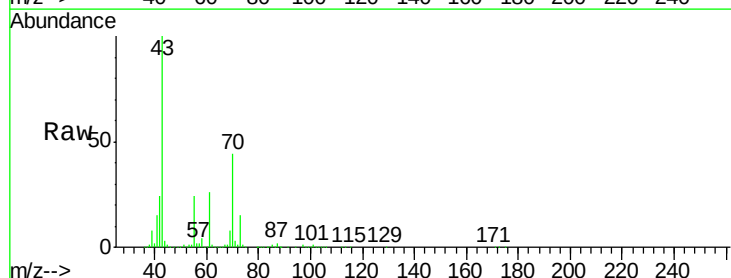
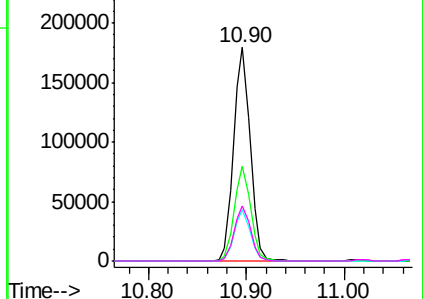
61 25.3 20.6 31.0

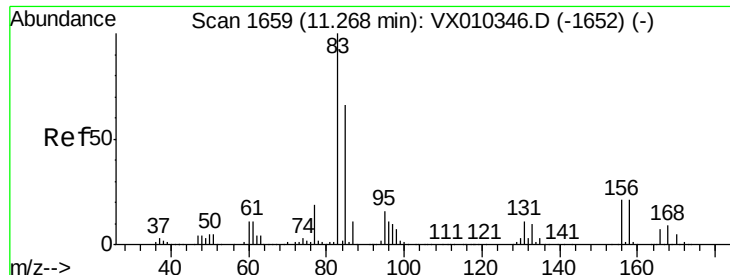
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 62.219 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 178478

Ion Ratio Lower Upper

83 100

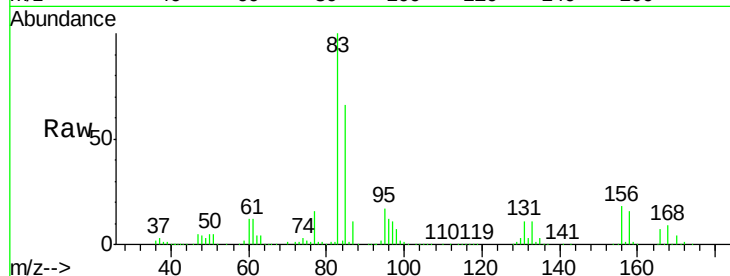
131 10.7 5.5 16.4

85 65.0 32.3 96.8

Manual Integrations
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MMDadoda

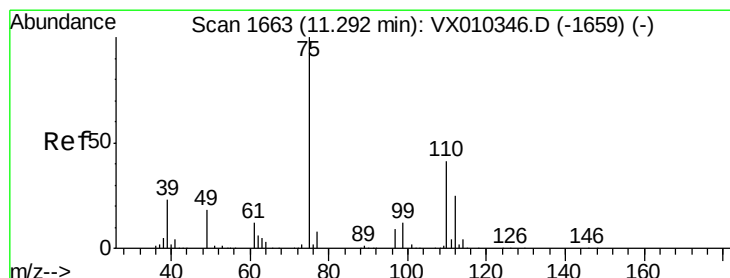
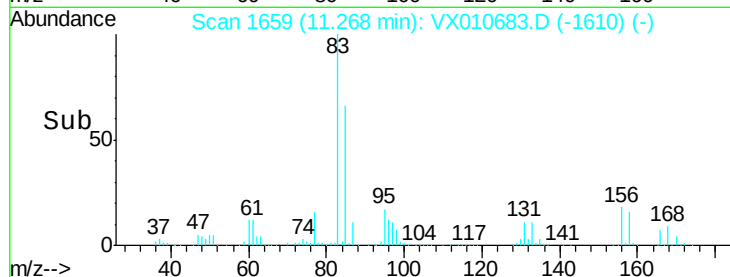
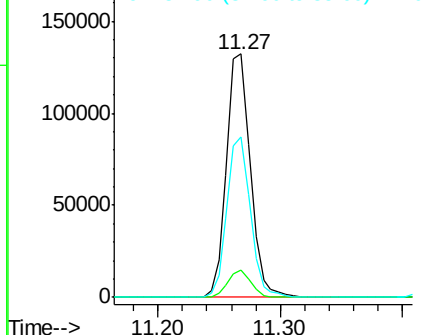
7/8/2019 10:59:03 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.154 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010683.D

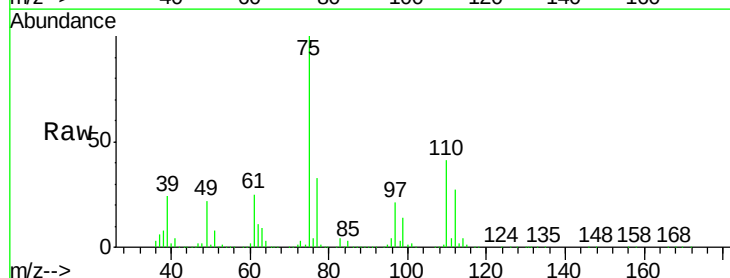
Acq: 04 Jul 2019 11:22

Tgt Ion: 75 Resp: 147050

Ion Ratio Lower Upper

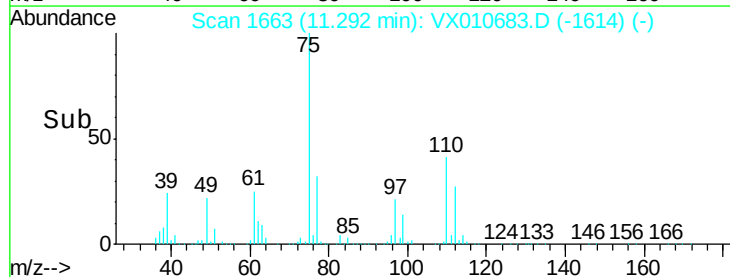
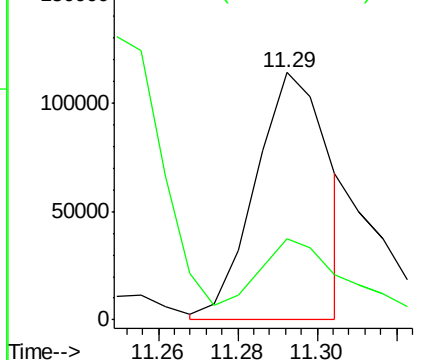
75 100

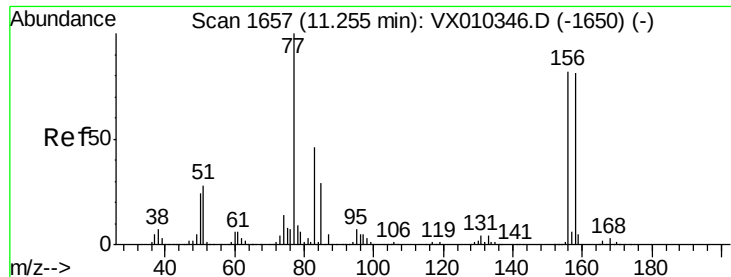
77 40.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.315 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

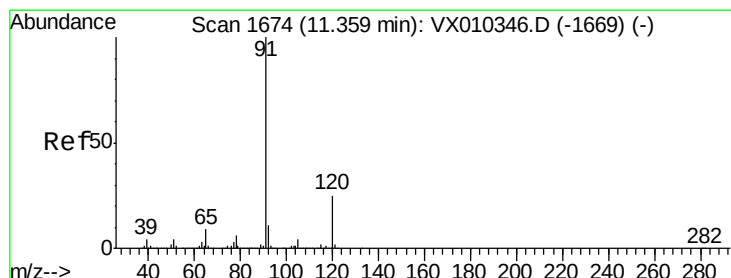
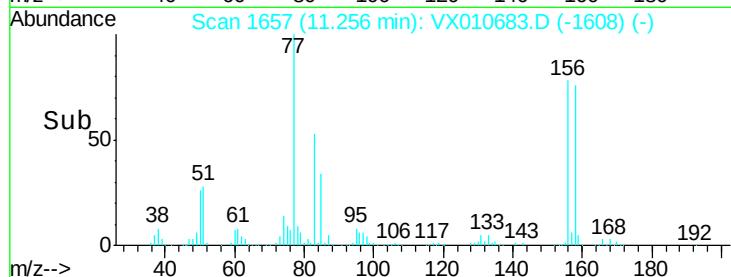
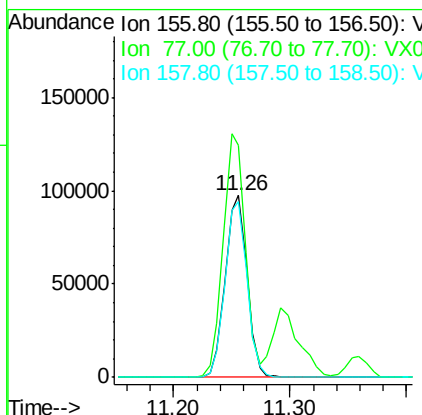
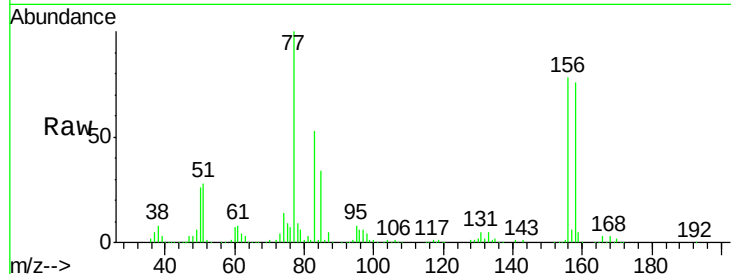
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	126529
Ion Ratio	Lower	Upper	
156	100		
77	135.1	66.3	198.7
158	97.2	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 38.609 ug/l

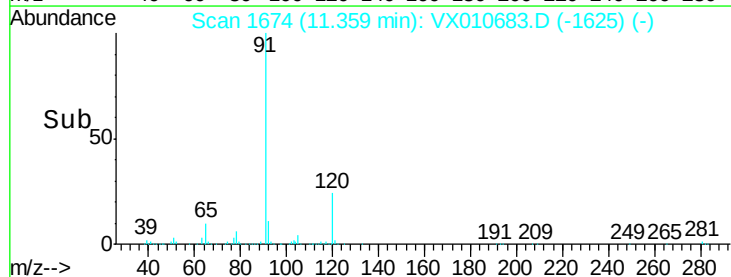
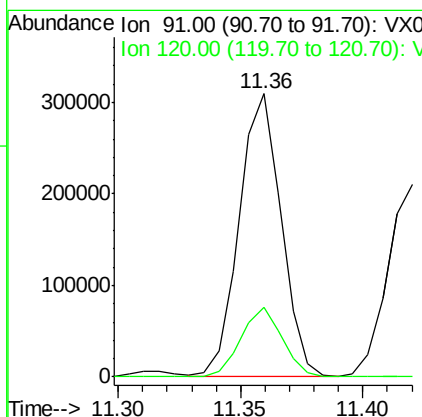
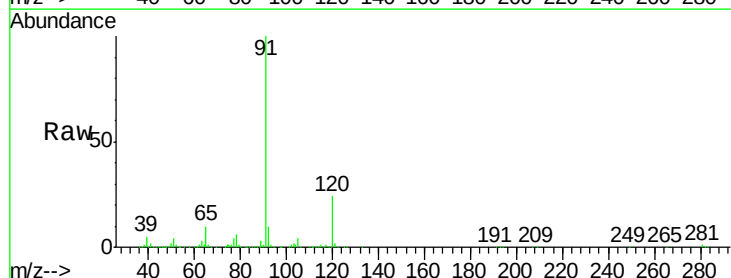
RT: 11.36 min Scan# 1674

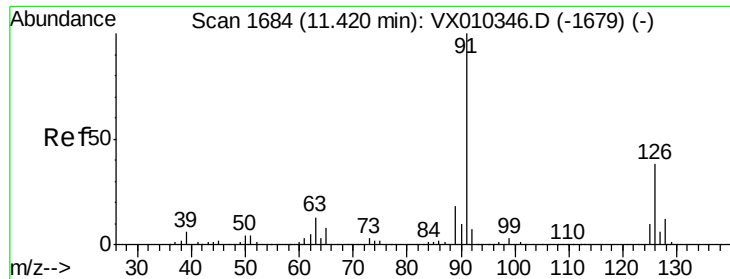
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	91	Resp:	367540
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.4	37.4





#79

2-Chlorotoluene

Concen: 45.726 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 259207

Ion Ratio Lower Upper

91 100

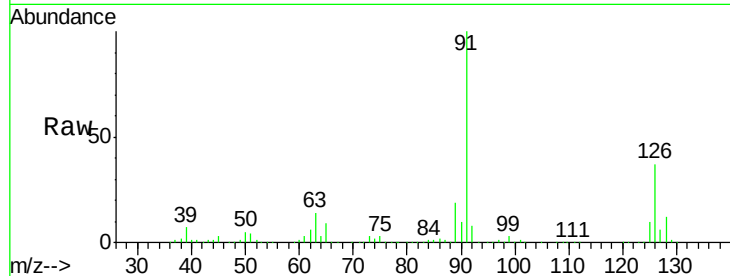
126 37.1 18.7 56.1

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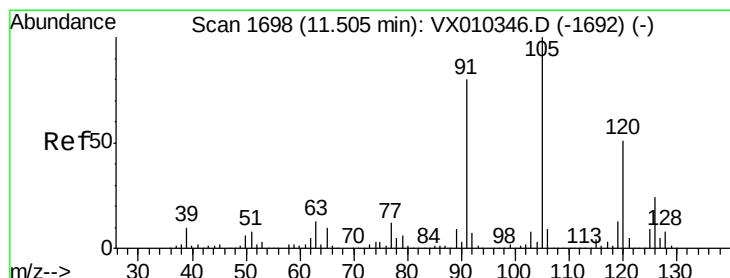
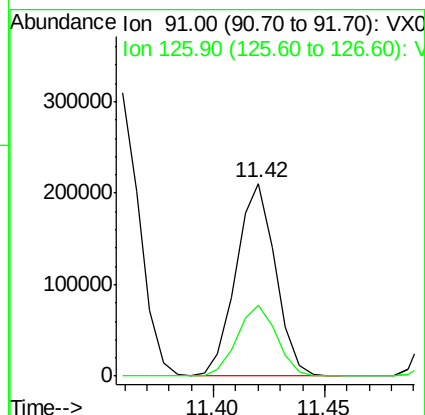
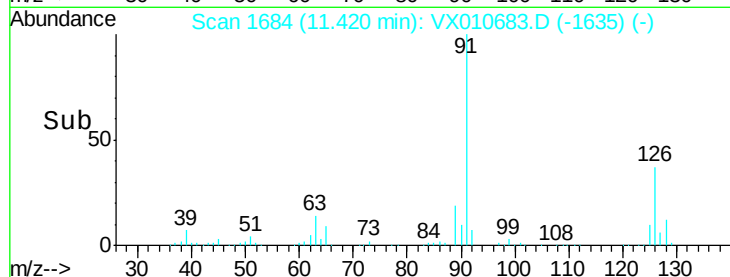
MMDadoda

7/8/2019 10:59:03 AM



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

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



#80

1,3,5-Trimethylbenzene

Concen: 42.875 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010683.D

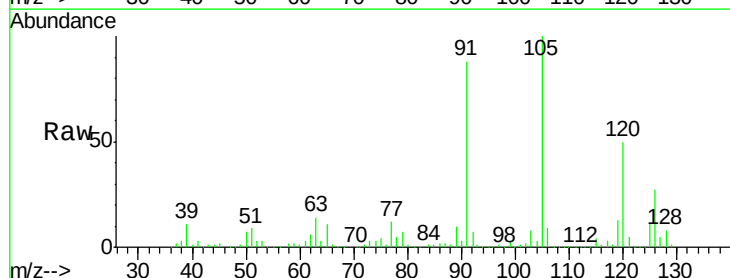
Acq: 04 Jul 2019 11:22

Tgt Ion: 105 Resp: 306149

Ion Ratio Lower Upper

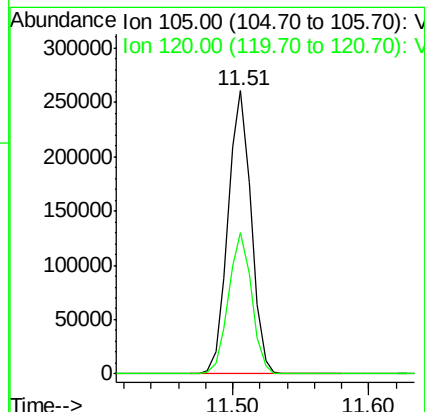
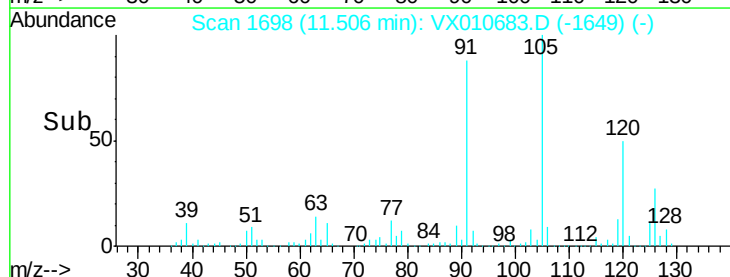
105 100

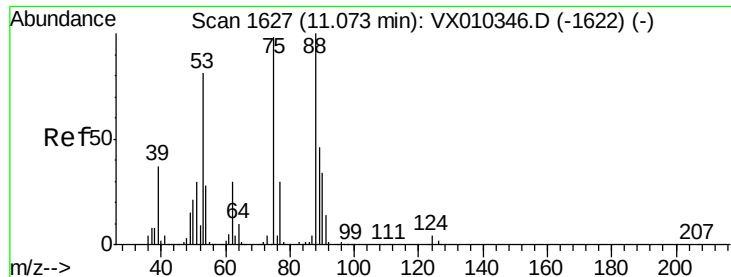
120 49.8 25.2 75.6



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

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





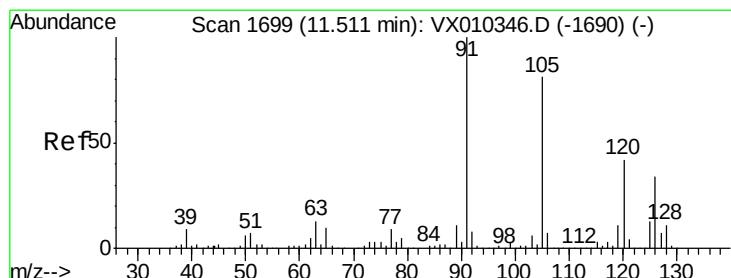
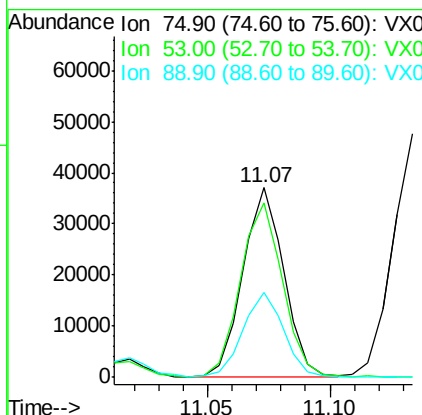
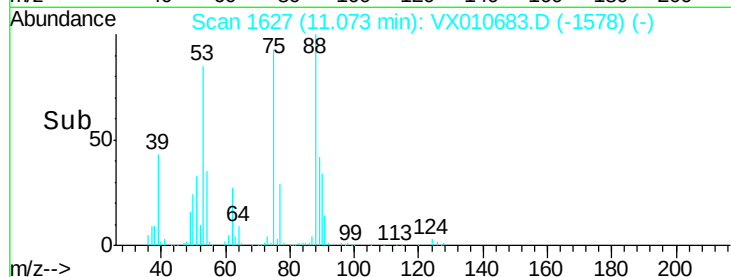
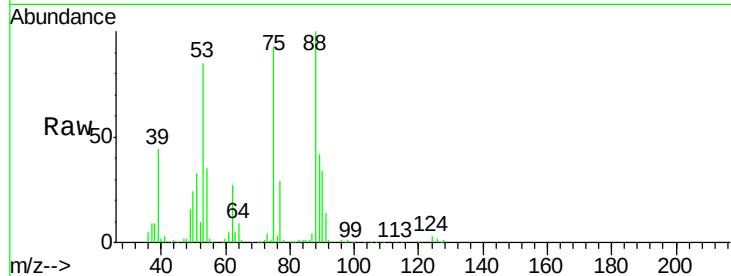
#81
trans-1,4-Dichloro-2-butene
Concen: 43.005 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	66.1	99.1
89	45.4	37.8	56.6

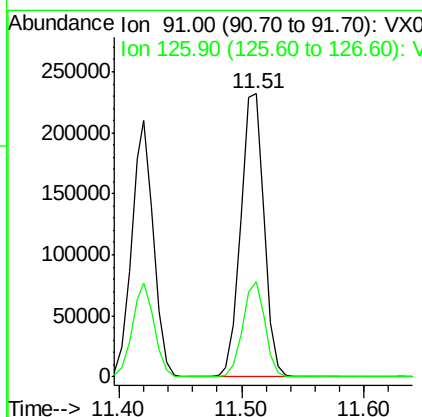
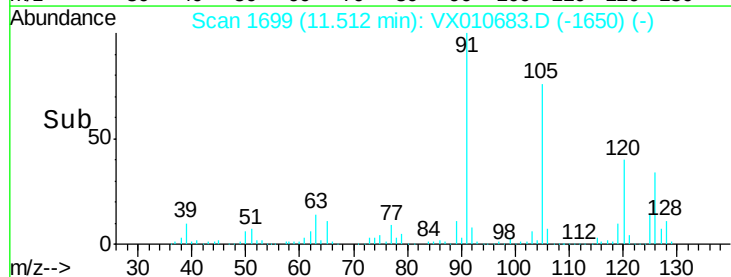
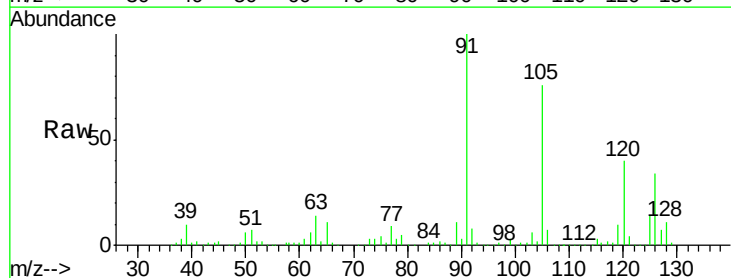
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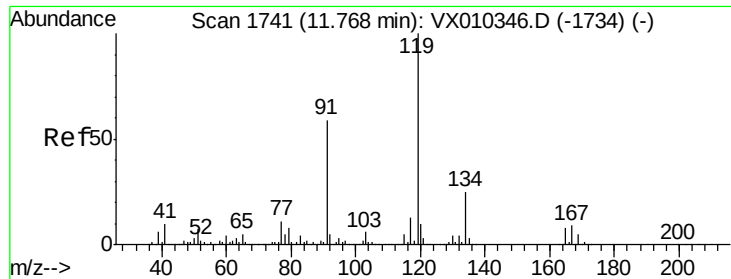
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.908 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





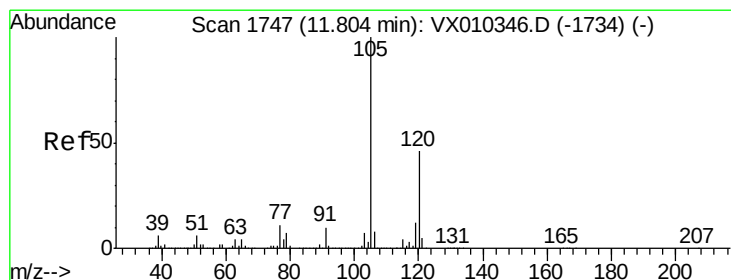
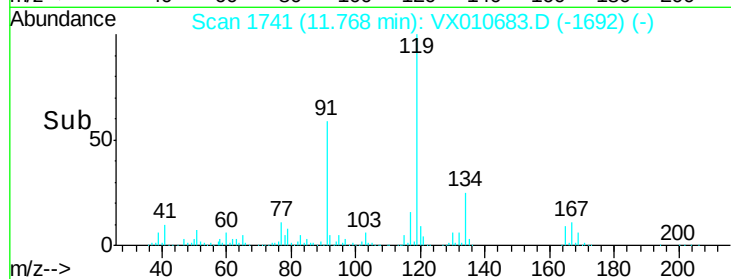
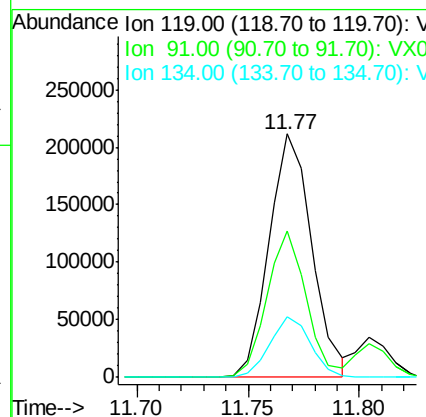
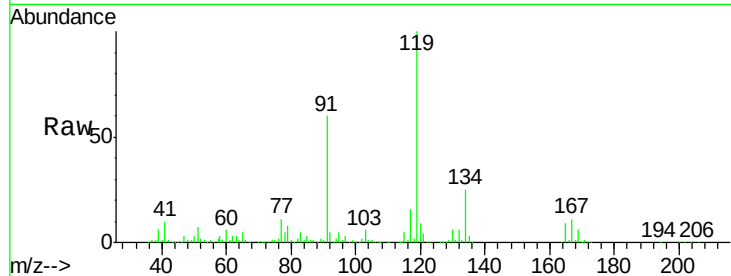
#83
 tert-Butylbenzene
 Concen: 39.360 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.6	82.7
134	23.8	11.8	35.4

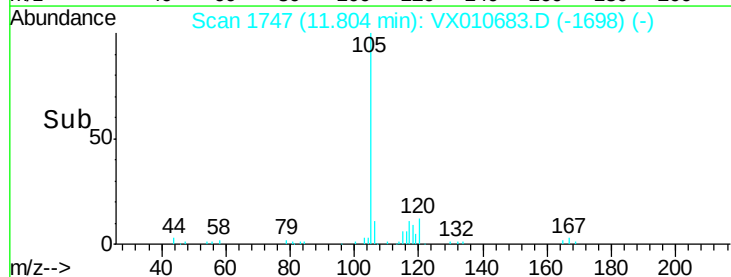
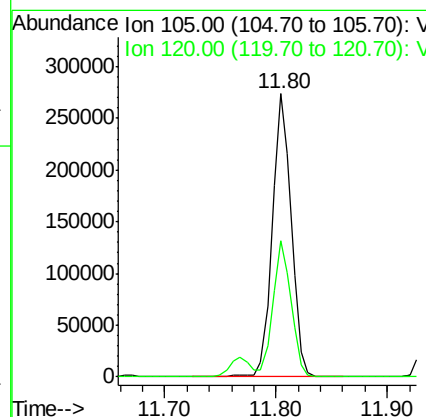
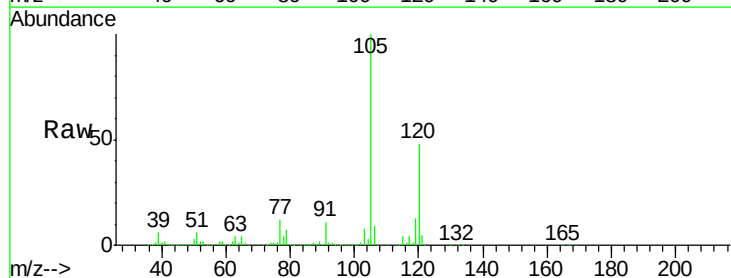
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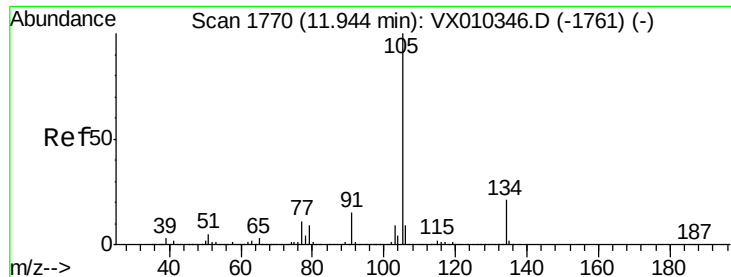
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 7/8/2019 10:59:03 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 45.450 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 35.021 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 294699

Ion Ratio Lower Upper

105 100

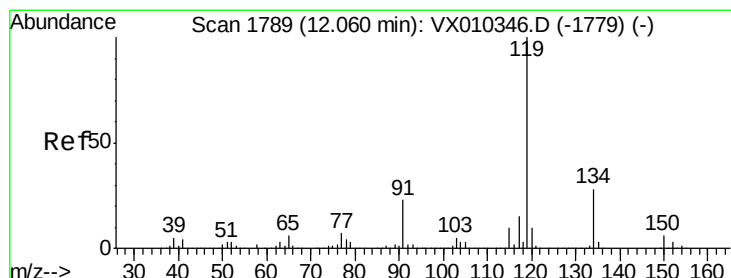
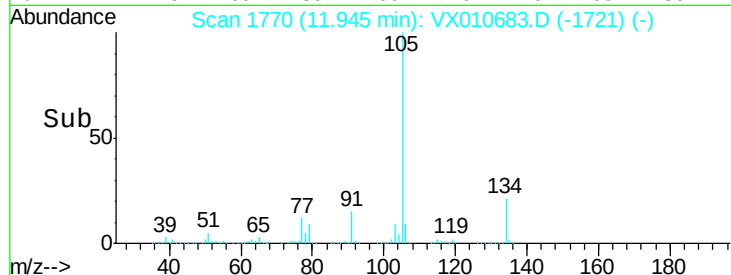
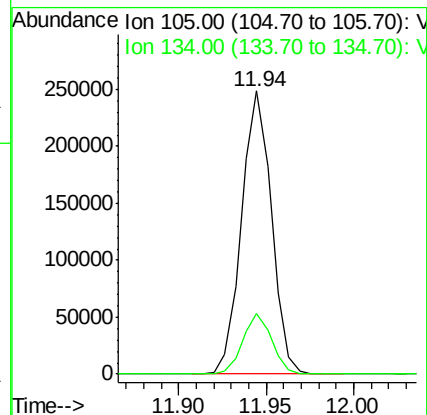
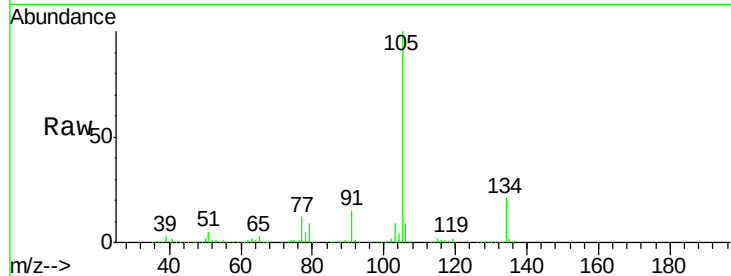
134 20.9 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 36.880 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

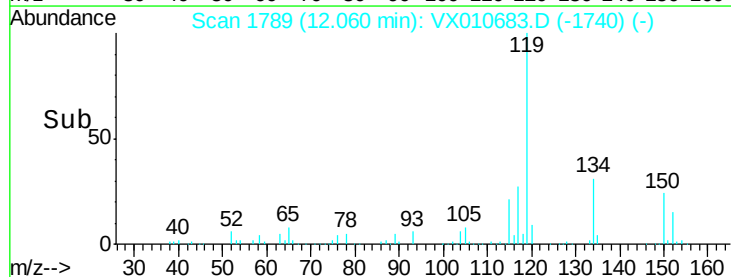
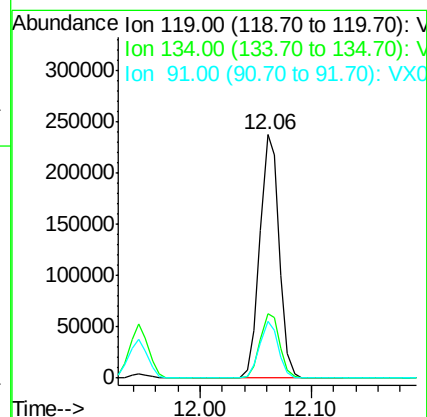
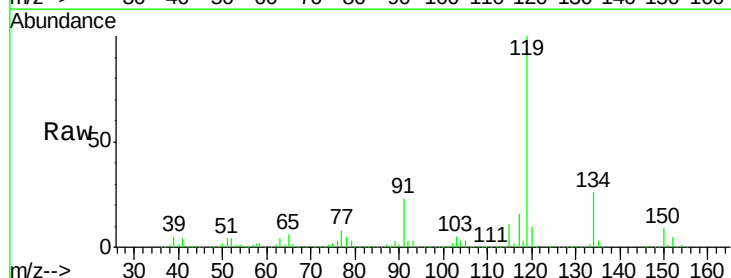
Tgt Ion:119 Resp: 287057

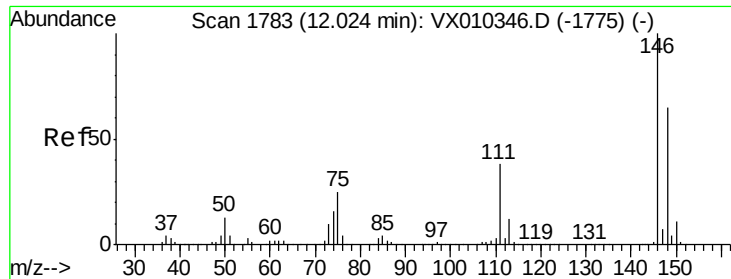
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.392 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

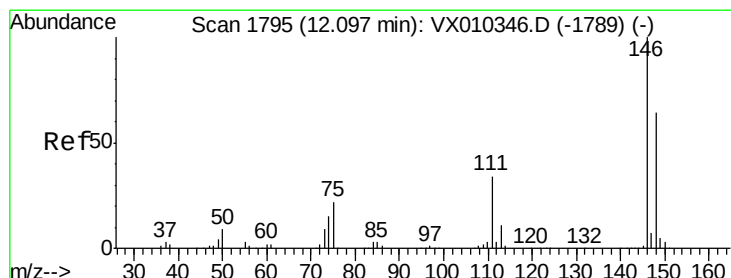
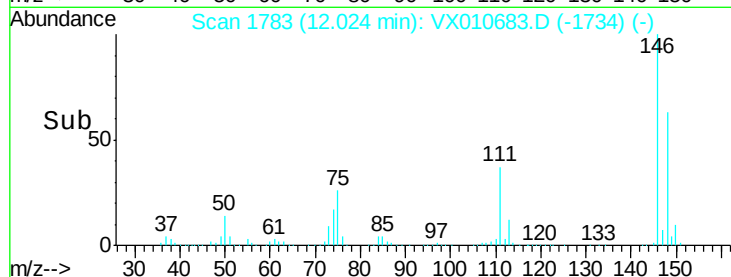
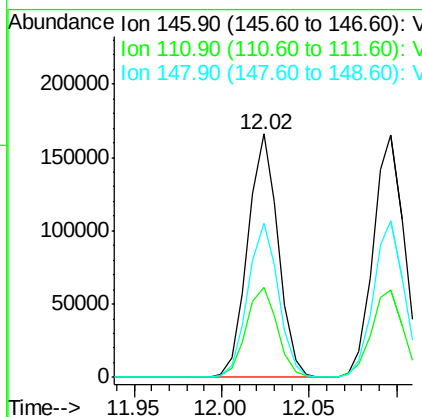
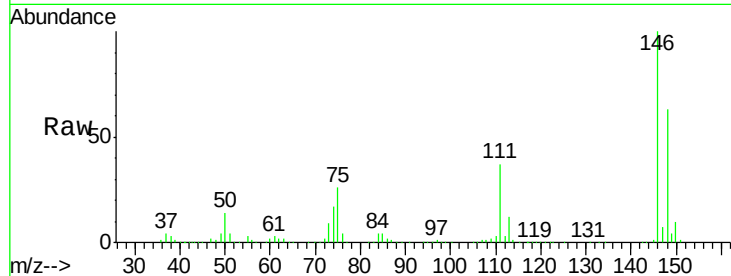
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	200082
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.1
148	63.6	32.5	97.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.964 ug/l

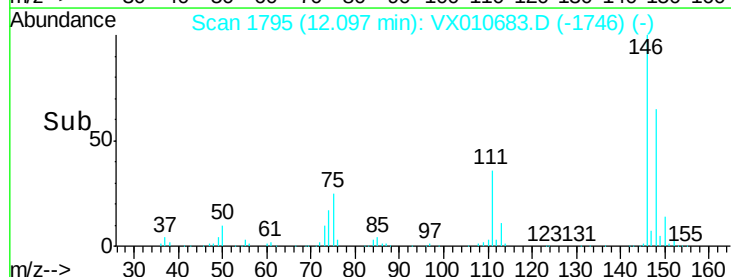
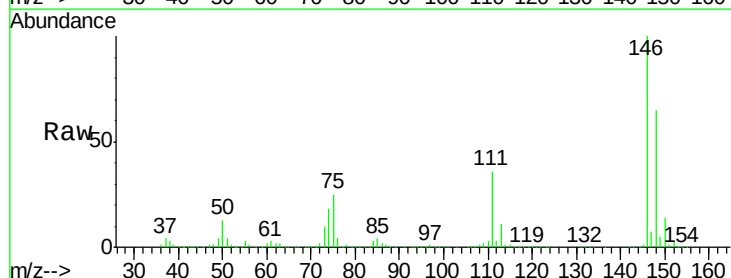
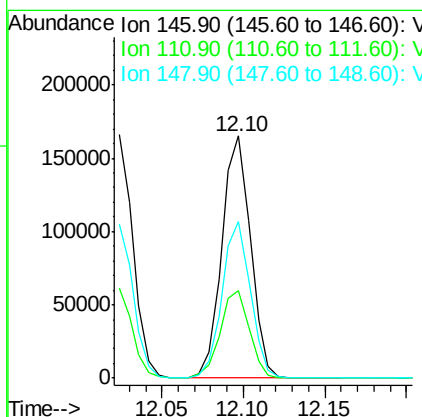
RT: 12.10 min Scan# 1795

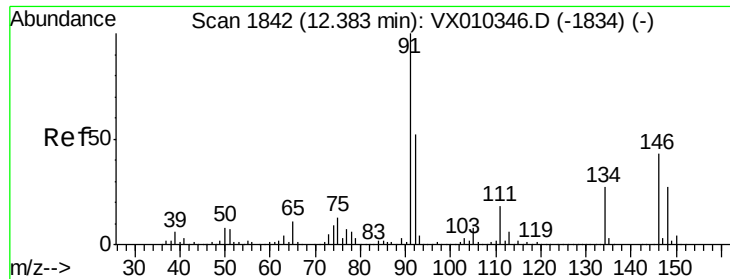
Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	146	Resp:	201852
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.1	54.3
148	64.1	32.1	96.3





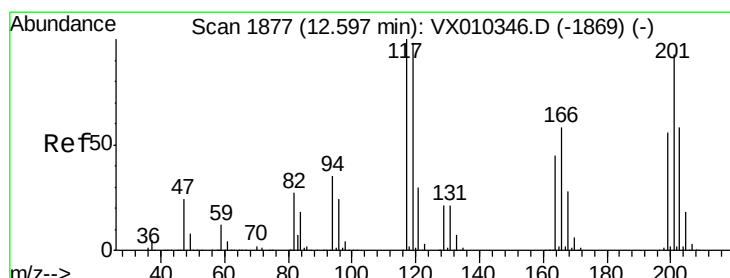
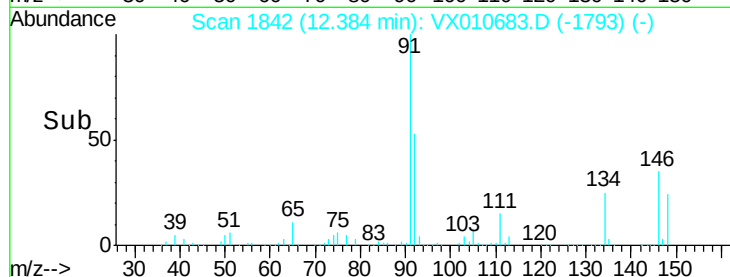
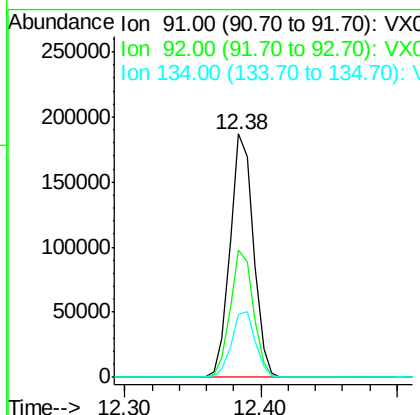
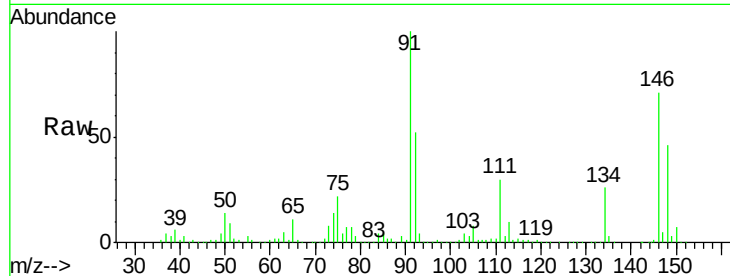
#89
n-Butylbenzene
Concen: 33.739 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.7	14.1	42.4

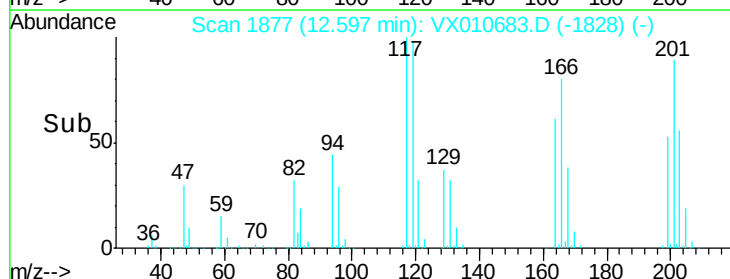
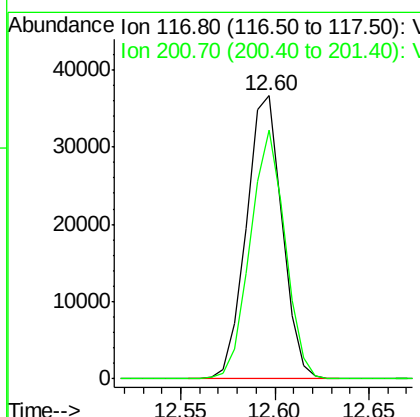
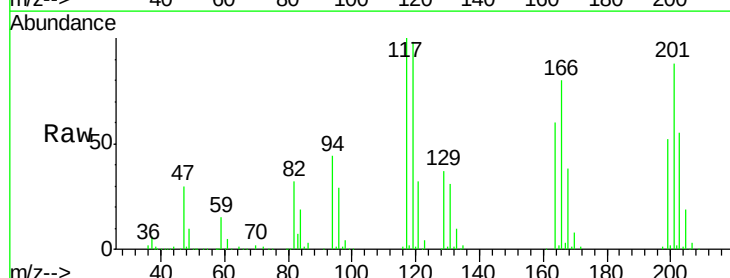
Manual Integrations
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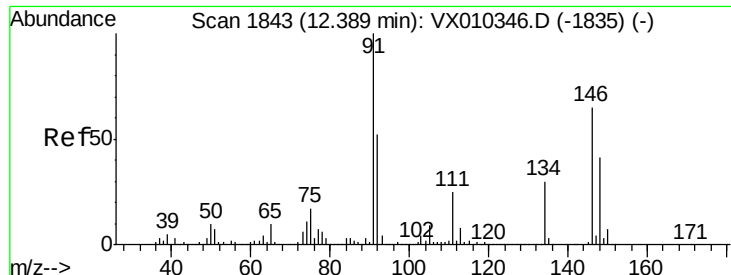
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#90
Hexachloroethane
Concen: 35.963 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010683.D
Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	44.0	131.8





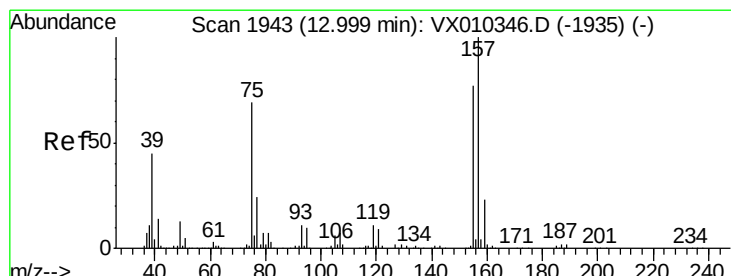
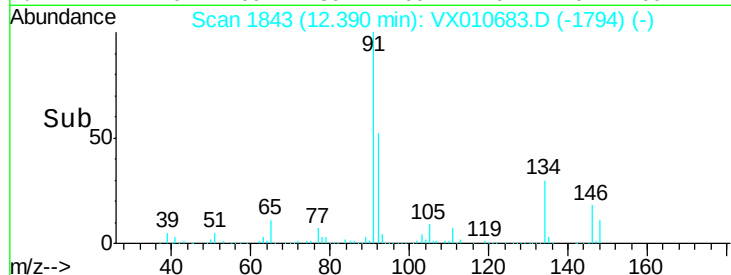
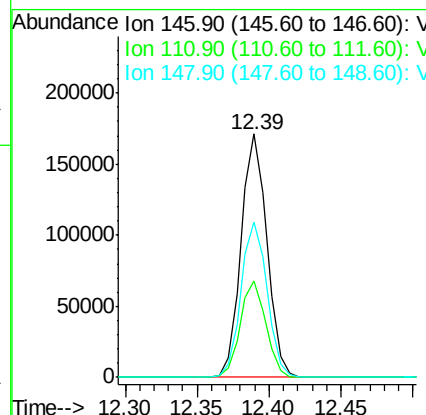
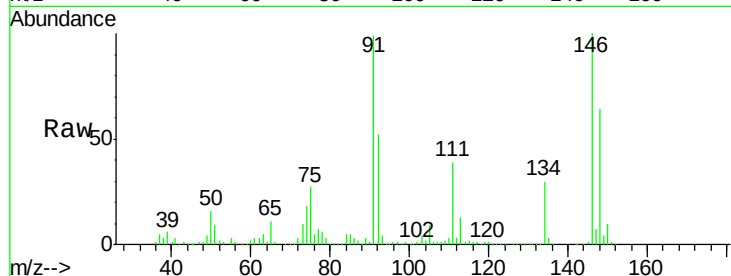
#91
 1,2-Dichlorobenzene
 Concen: 50.993 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	213965		
111	39.4	19.2	57.6	
148	64.5	32.0	96.0	

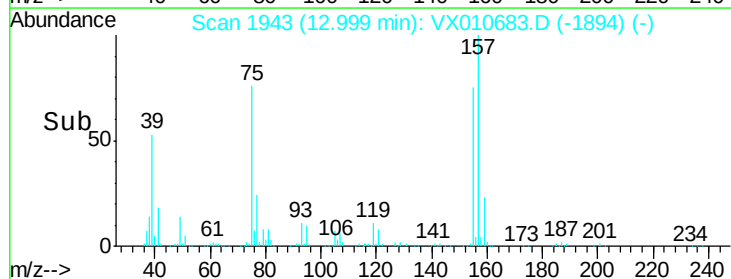
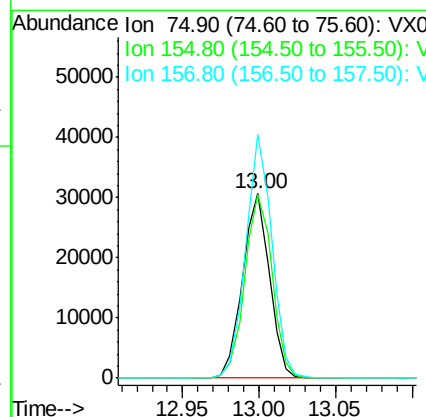
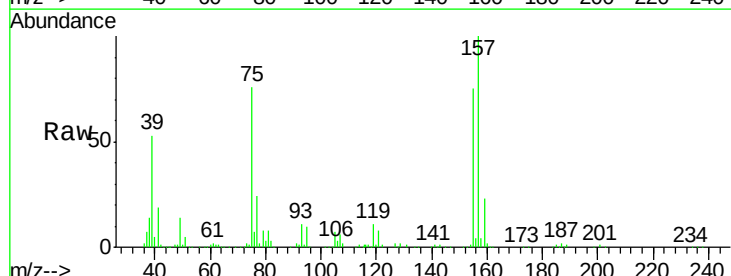
Manual Integrations
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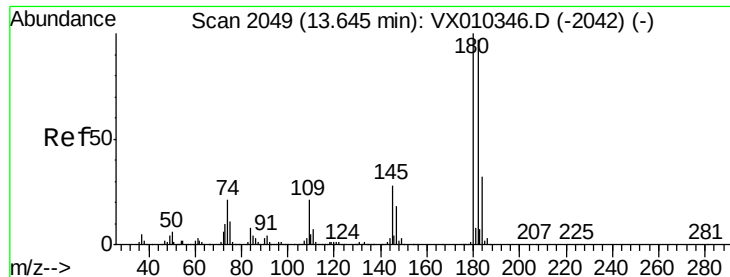
MMDadoda
 7/8/2019 10:59:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.331 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37313		
155	101.0	54.4	163.1	
157	128.5	69.5	208.3	





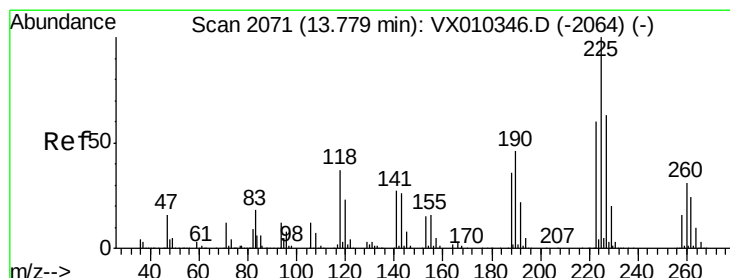
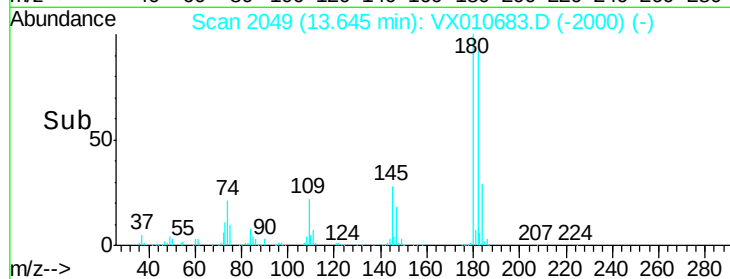
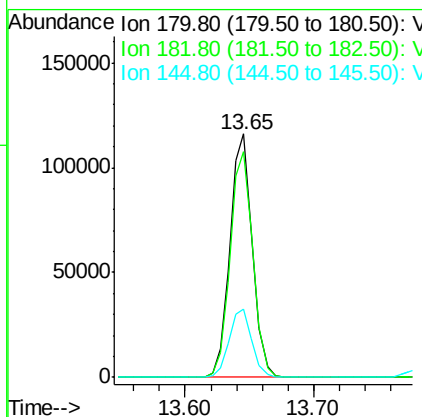
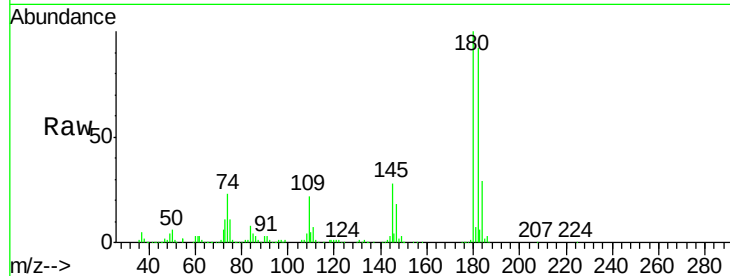
#93
 1,2,4-Trichlorobenzene
 Concen: 48.480 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	141067
Ion Ratio		Lower	Upper
180	100		
182	94.3	48.0	144.0
145	28.5	14.4	43.4

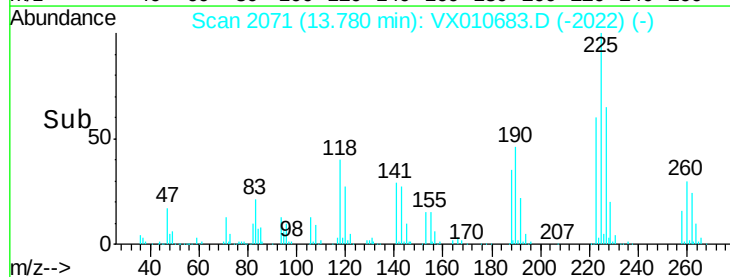
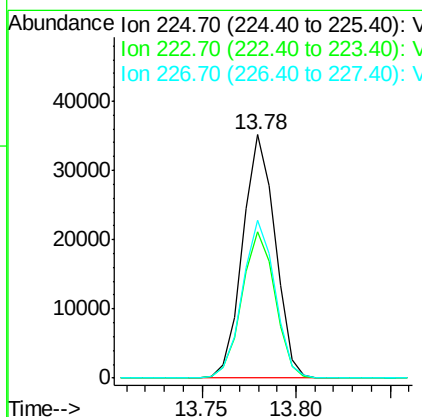
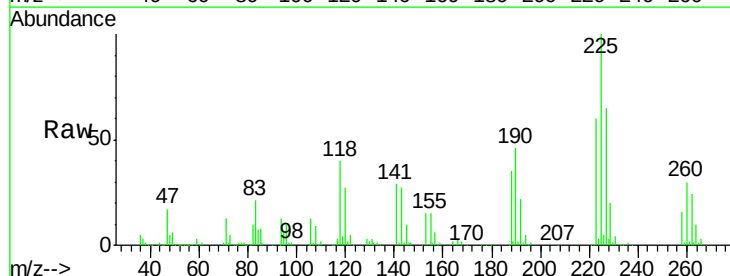
Manual Integrations
 APPROVED

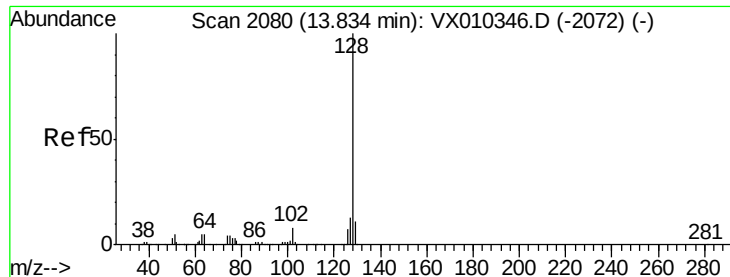
MMDadoda
 7/8/2019 10:59:03 AM



#94
 Hexachlorobutadiene
 Concen: 29.491 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010683.D
 Acq: 04 Jul 2019 11:22

Tgt Ion:	225	Resp:	41940
Ion Ratio		Lower	Upper
225	100		
223	61.6	30.9	92.7
227	65.2	31.9	95.5





#95

Naphthalene

Concen: 58.635 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Instrument :

MSVOA_X

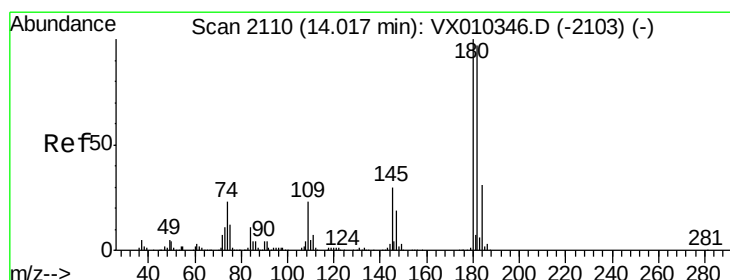
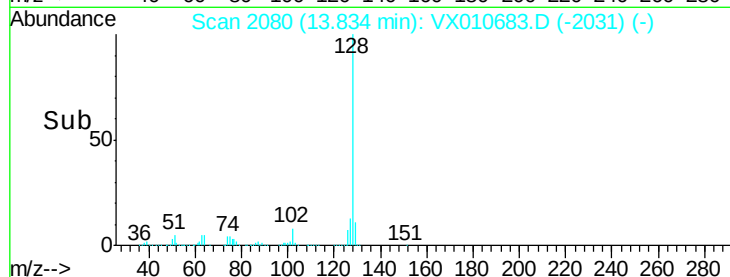
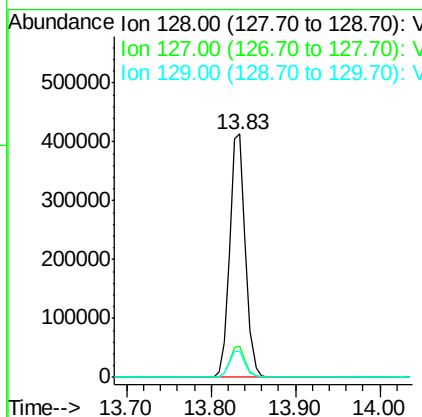
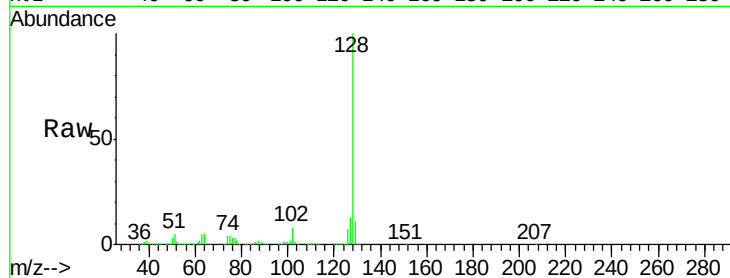
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	524314
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/8/2019 10:59:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.627 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010683.D

Acq: 04 Jul 2019 11:22

Tgt Ion:	180	Resp:	149363
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.8	143.3
145	31.4	15.2	45.6

