

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001307.D
 Acq On : 02 May 2018 05:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:58 PM

Quant Time: May 02 06:58:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119647	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.51	113	103997	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	384150	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	147752	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105112	52.19	ug/l	99
3) Chloromethane	1.32	50	98818	49.98	ug/l	100
4) Vinyl Chloride	1.40	62	105178	50.54	ug/l	100
5) Bromomethane	1.64	94	78569	50.65	ug/l	99
6) Chloroethane	1.72	64	68829	52.31	ug/l	100
7) Trichlorofluoromethane	1.93	101	186317	53.04	ug/l	97
8) Diethyl Ether	2.19	74	63664	52.79	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101499	50.11	ug/l	100
10) Methyl Iodide	2.51	142	149056	66.01	ug/l	99
11) Tert butyl alcohol	3.09	59	126421	291.57	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93333	51.11	ug/l	98
13) Acrolein	2.30	56	56385	225.86	ug/l	100
14) Allyl chloride	2.73	41	163852	51.28	ug/l	99
15) Acrylonitrile	3.15	53	267126	265.82	ug/l	100
16) Acetone	2.45	43	252161	234.41	ug/l	99
17) Carbon Disulfide	2.57	76	224733	47.23	ug/l	99
18) Methyl Acetate	2.78	43	148900	58.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	325841	52.38	ug/l	100
20) Methylene Chloride	2.86	84	105356	54.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99331	49.97	ug/l	97
22) Diisopropyl ether	3.88	45	312476	50.78	ug/l	99
23) Vinyl Acetate	3.83	43	1311118	251.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165470	48.27	ug/l	100
25) 2-Butanone	4.71	43	363732	250.07	ug/l	100
26) 2,2-Dichloropropane	4.59	77	97750	35.04	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	107919	49.40	ug/l	97
28) Bromochloromethane	5.03	49	83828	54.40	ug/l	98
29) Tetrahydrofuran	5.17	42	238690	266.82	ug/l	100
30) Chloroform	5.22	83	187393	51.72	ug/l	98
31) Cyclohexane	5.58	56	148579	47.99	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	162668	51.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	131316	48.55	ug/l	99
37) Ethyl Acetate	4.87	43	141366	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	145699	51.41	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	154957	48.44	ug/l	98
40) Benzene	6.15	78	395343	50.81	ug/l	99
41) Methacrylonitrile	5.07	41	80963	50.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	150723	50.03	ug/l	99
43) Isopropyl Acetate	6.48	43	229918	51.99	ug/l	100
44) Trichloroethene	7.22	130	119936	50.35	ug/l	96
45) 1,2-Dichloropropane	7.52	63	101644	50.87	ug/l	99
46) Dibromomethane	7.67	93	71300	50.90	ug/l	99
47) Bromodichloromethane	7.91	83	132815	53.03	ug/l	97
48) Methyl methacrylate	7.79	41	122485	52.11	ug/l	99
49) 1,4-Dioxane	7.76	88	52436	1182.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	775001	271.85	ug/l	99
52) Toluene	8.79	92	260448	51.20	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	148842	49.97	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	139926	51.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	107234	52.19	ug/l	98
56) Ethyl methacrylate	9.19	69	155847	54.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	171487	51.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	372358	271.09	ug/l	100
59) 2-Hexanone	9.51	43	594619	266.86	ug/l	100
60) Dibromochloromethane	9.59	129	118894	55.47	ug/l	97
61) 1,2-Dibromoethane	9.68	107	116300	53.40	ug/l	99
64) Tetrachloroethene	9.34	164	144982	53.79	ug/l	99
65) Chlorobenzene	10.15	112	307724	49.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	114385	53.26	ug/l	99
67) Ethyl Benzene	10.26	91	512117	50.23	ug/l	99
68) m/p-Xylenes	10.37	106	412538	102.83	ug/l	100
69) o-Xylene	10.71	106	201001	51.66	ug/l	98
70) Styrene	10.72	104	330583	51.95	ug/l	99
71) Bromoform	10.86	173	97625	47.29	ug/l #	100
73) Isopropylbenzene	11.02	105	536159	49.77	ug/l	100
74) N-amyl acetate	6.48	43	229918	49.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	163999	50.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	153985m	51.71	ug/l	
77) Bromobenzene	11.26	156	154937	49.87	ug/l	99
78) n-propylbenzene	11.37	91	600889	50.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	357941	49.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464932	51.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36974	41.22	ug/l	96
82) 4-Chlorotoluene	11.52	91	430753	49.58	ug/l	100
83) tert-Butylbenzene	11.77	119	447784	49.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	477441	51.50	ug/l	99
85) sec-Butylbenzene	11.95	105	547360	50.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	508184	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	282002	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288165	48.18	ug/l	100
89) n-Butylbenzene	12.40	91	419869	48.59	ug/l	99
90) Hexachloroethane	12.60	117	75298	52.52	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	289126	50.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36824	56.46	ug/l	98

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VSTDCCC050EC

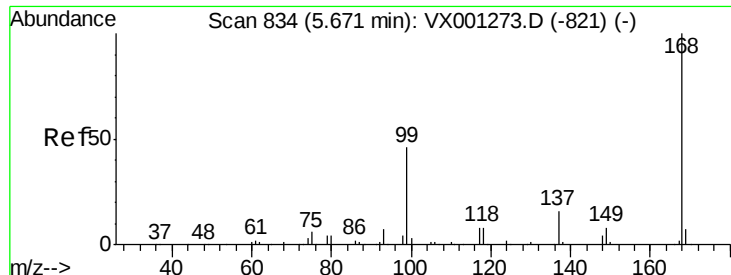
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214626	46.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	110533	45.48	ug/l	100
95) Naphthalene	13.84	128	603594	51.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	219501	48.14	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 182059

Ion Ratio Lower Upper

168 100

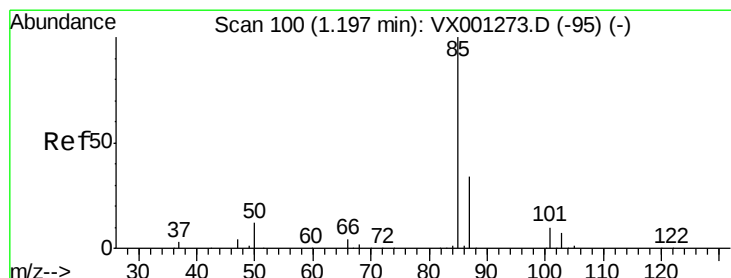
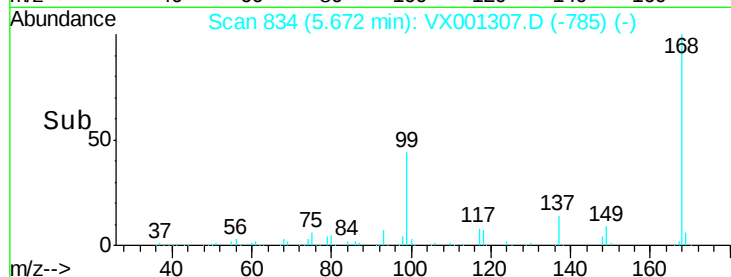
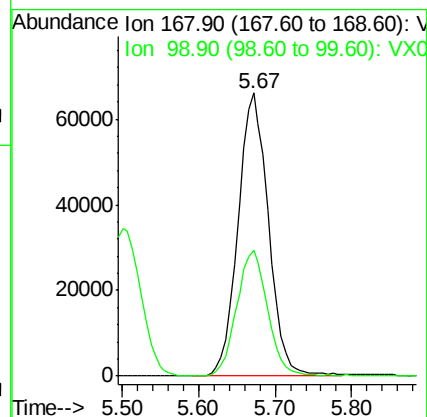
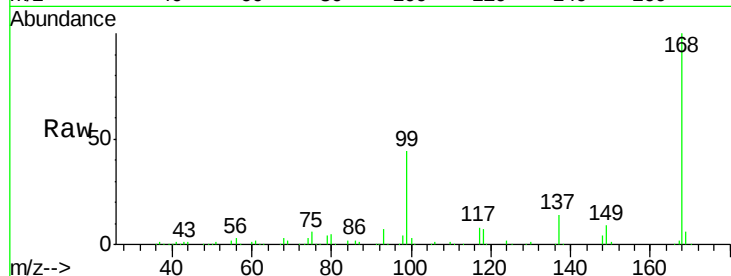
99 44.2 36.5 54.7

Manual Integrations

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5/2/2018 4:20:58 PM



#2

Dichlorodifluoromethane

Concen: 52.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001307.D

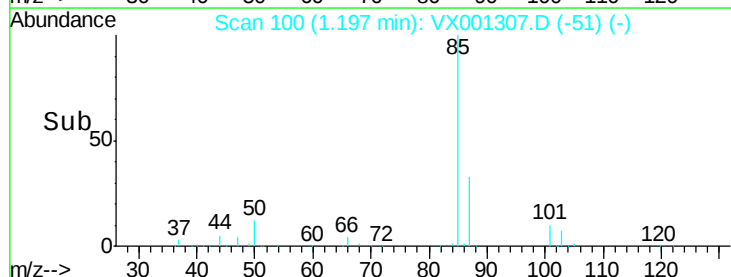
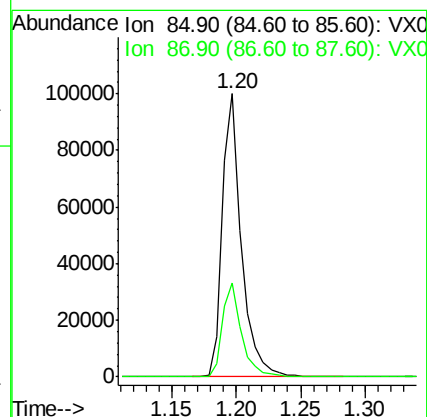
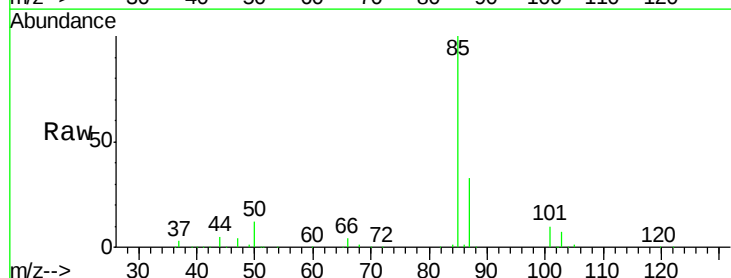
Acq: 02 May 2018 05:13

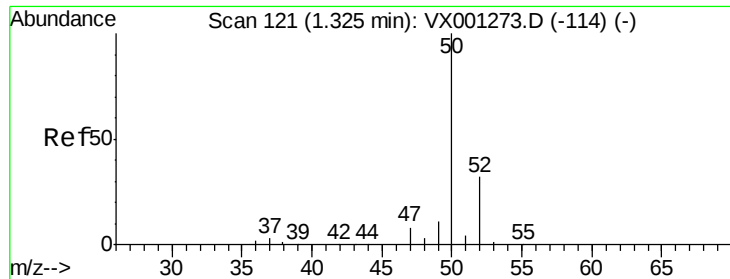
Tgt Ion: 85 Resp: 105112

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4





#3

Chloromethane

Concen: 49.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 98818

Ion Ratio Lower Upper

50 100

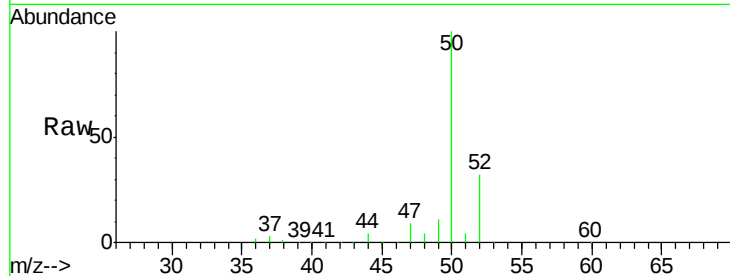
52 31.9 25.7 38.5

Manual Integrations

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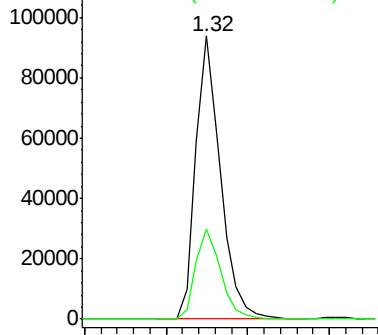
MMDadoda

5/2/2018 4:20:58 PM

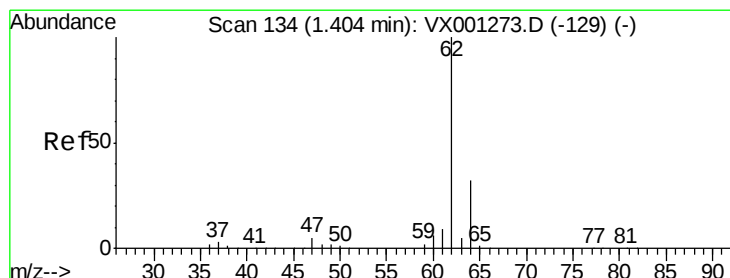
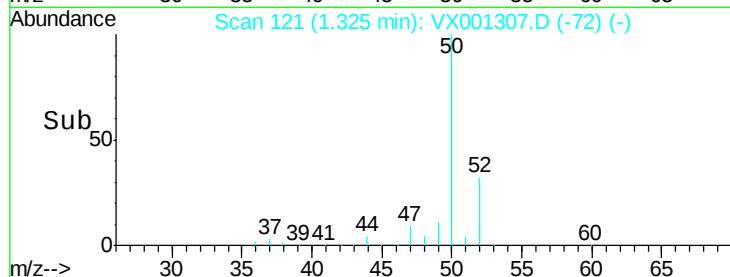


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.54 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001307.D

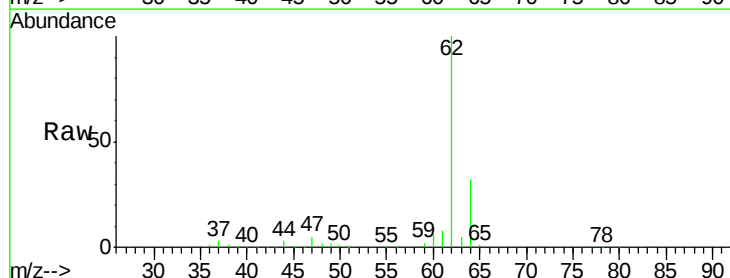
Acq: 02 May 2018 05:13

Tgt Ion: 62 Resp: 105178

Ion Ratio Lower Upper

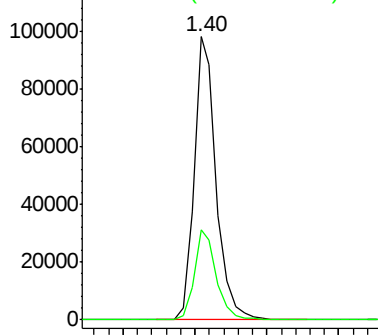
62 100

64 31.7 25.4 38.2

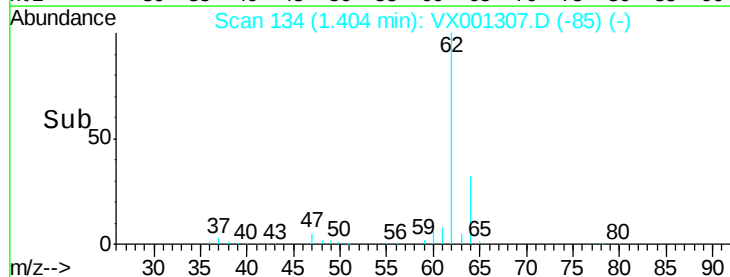


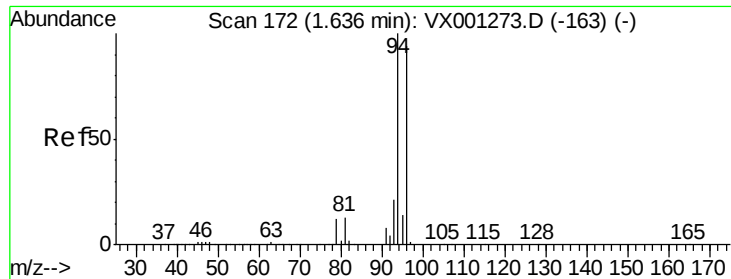
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 50.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78569

Ion Ratio Lower Upper

94 100

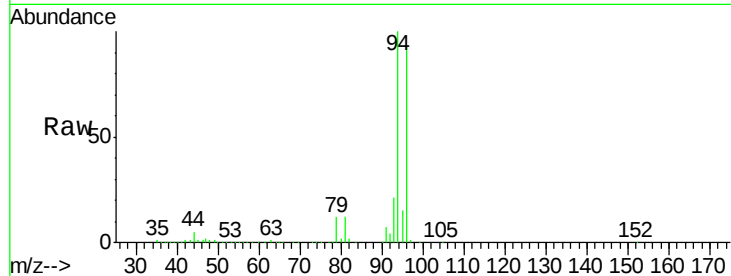
96 93.2 75.6 113.4

Manual Integrations

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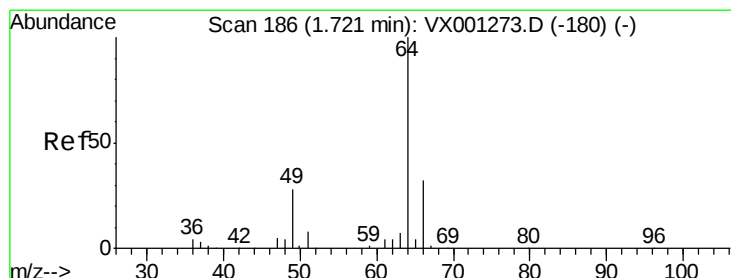
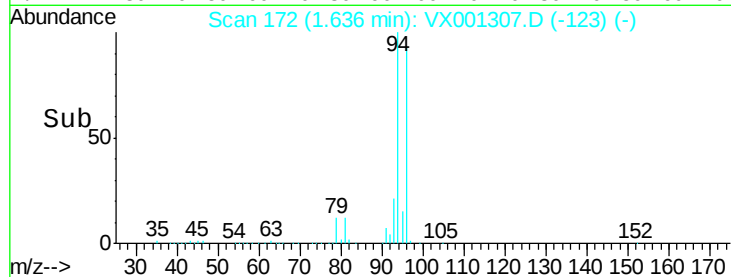
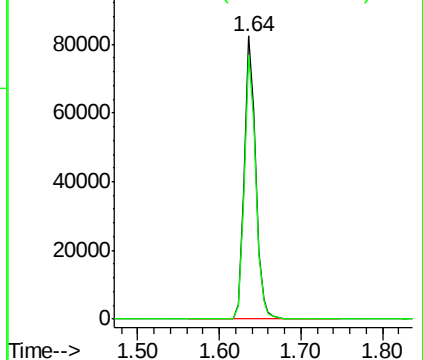
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.31 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001307.D

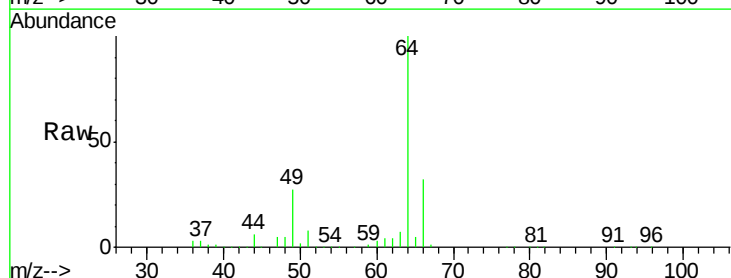
Acq: 02 May 2018 05:13

Tgt Ion: 64 Resp: 68829

Ion Ratio Lower Upper

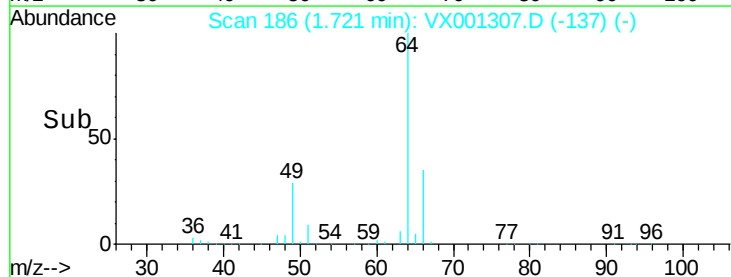
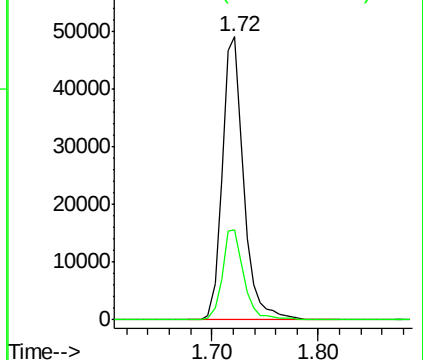
64 100

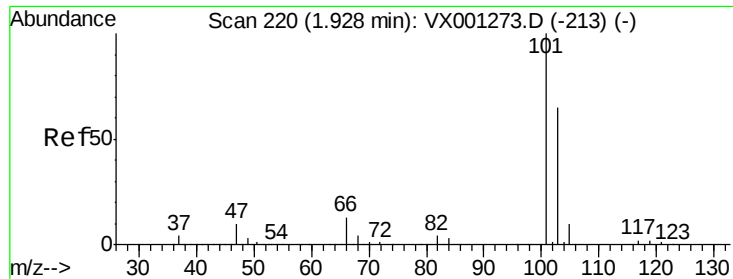
66 32.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.04 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 186317

Ion Ratio Lower Upper

101 100

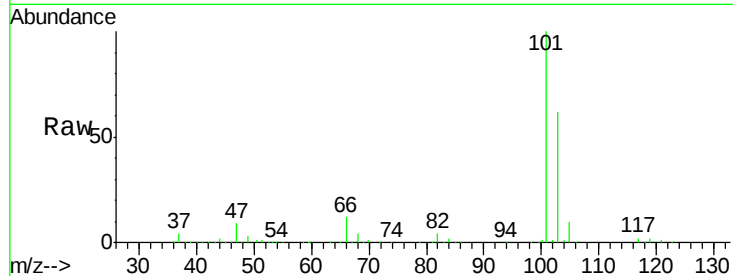
103 62.3 51.8 77.8

Manual Integrations

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5/2/2018 4:20:58 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

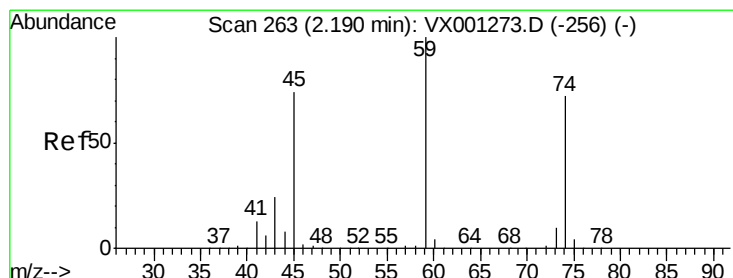
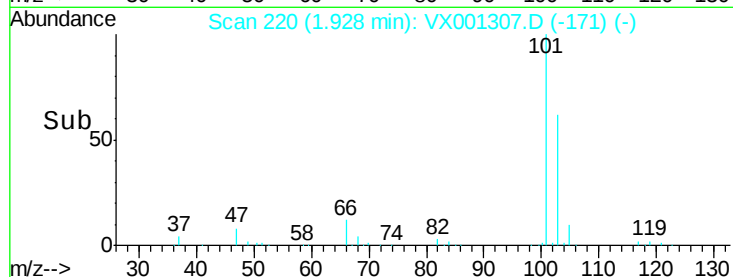
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50000

0

1.93

Time-->



#8

Diethyl Ether

Concen: 52.79 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001307.D

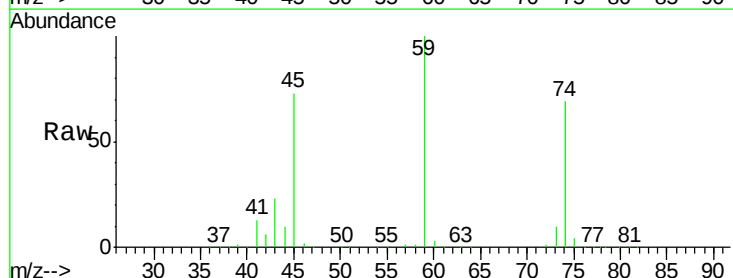
Acq: 02 May 2018 05:13

Tgt Ion: 74 Resp: 63664

Ion Ratio Lower Upper

74 100

45 98.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

50000

40000

30000

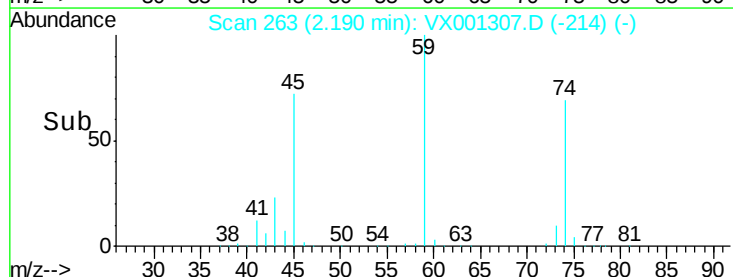
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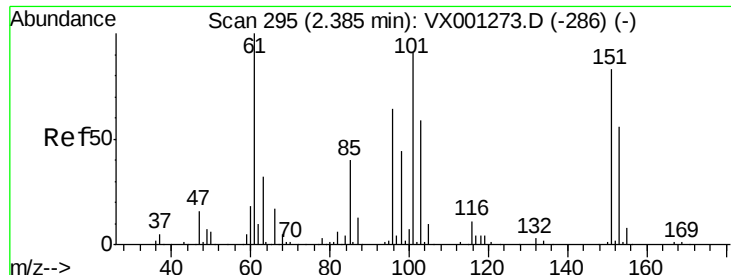
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0

2.19

Time-->





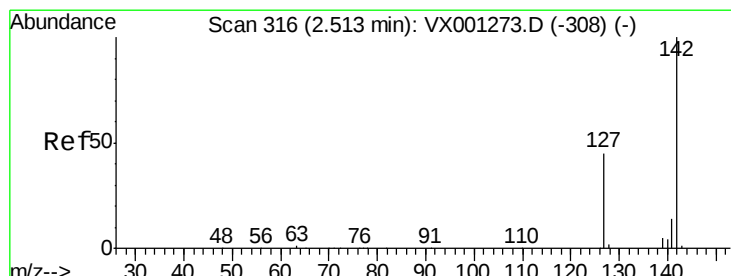
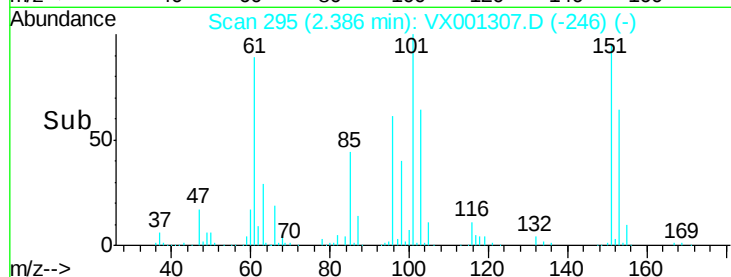
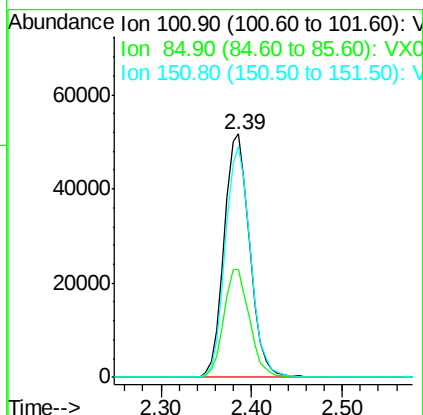
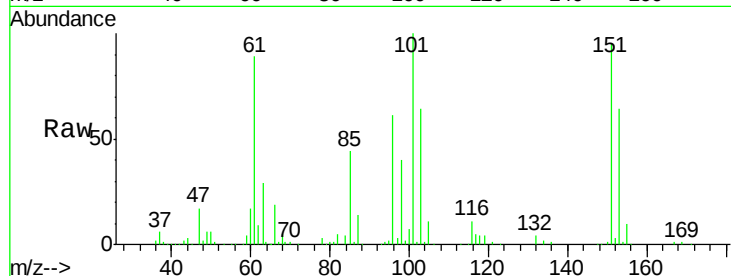
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.11 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101499		
85	44.7	35.6	53.4	
151	93.4	74.8	112.2	

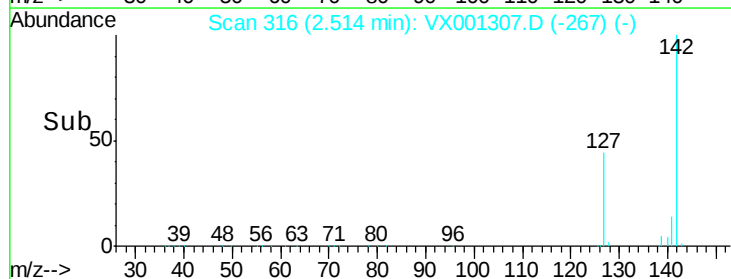
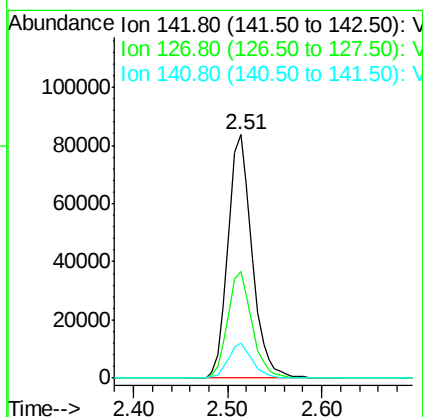
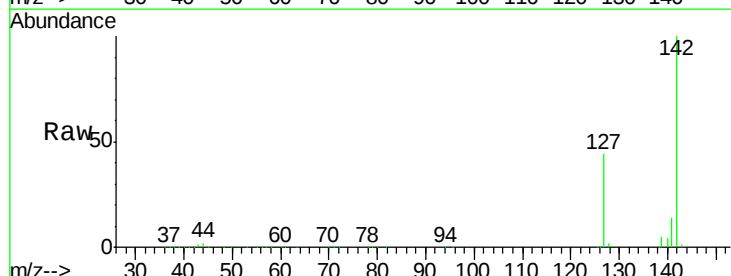
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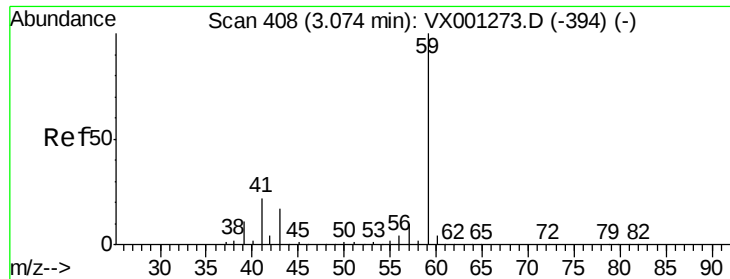
MMDadoda
 5/2/2018 4:20:58 PM



#10
 Methyl Iodide
 Concen: 66.01 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	149056		
127	44.0	35.7	53.5	
141	14.3	11.4	17.0	





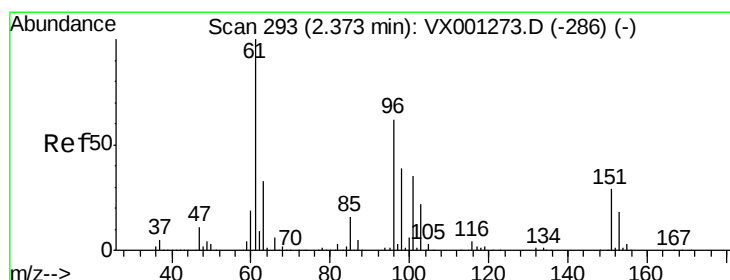
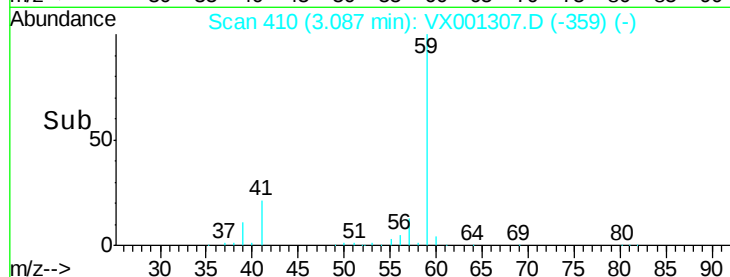
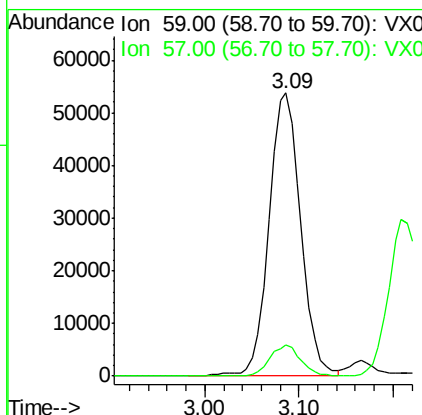
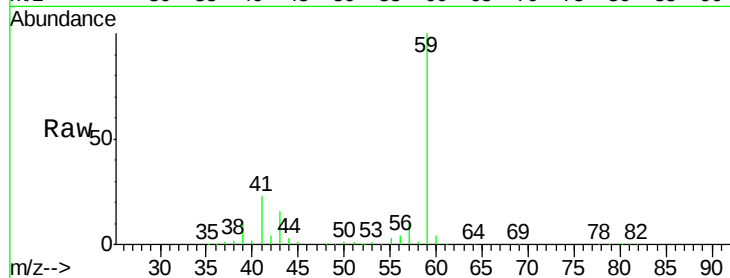
#11
Tert butyl alcohol
Concen: 291.57 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

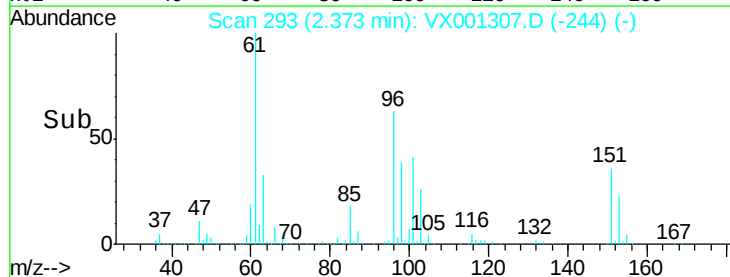
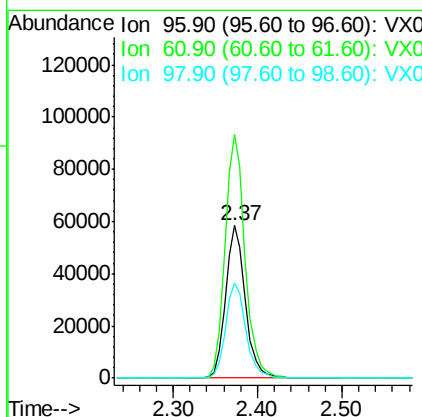
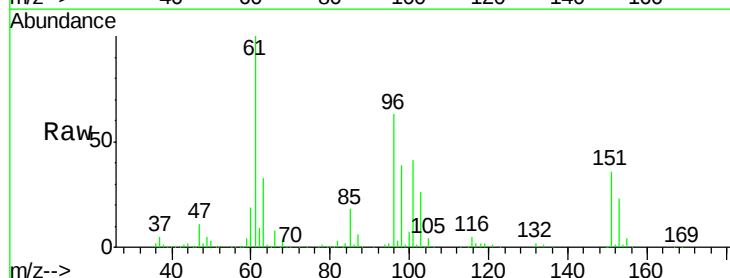
Manual Integrations
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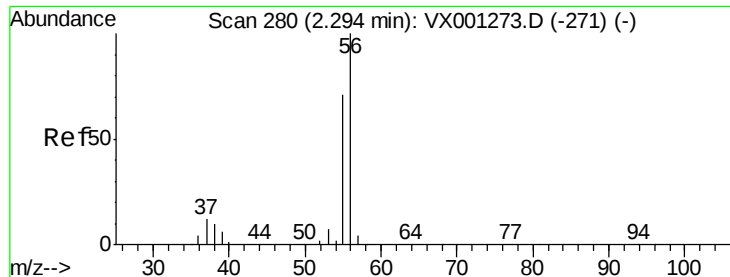
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.11 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	130.1	195.1
98	62.8	50.3	75.5





#13

Acrolein

Concen: 225.86 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56385

Ion Ratio Lower Upper

56 100

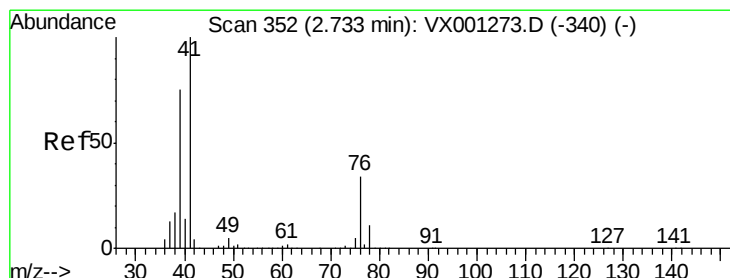
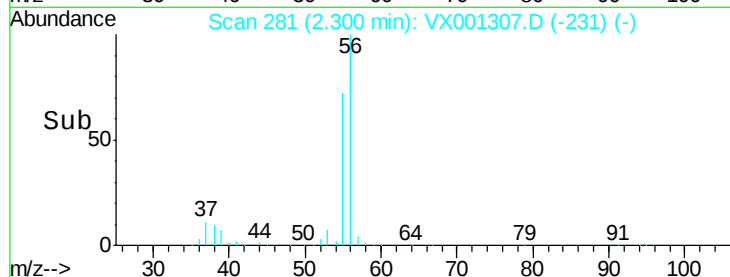
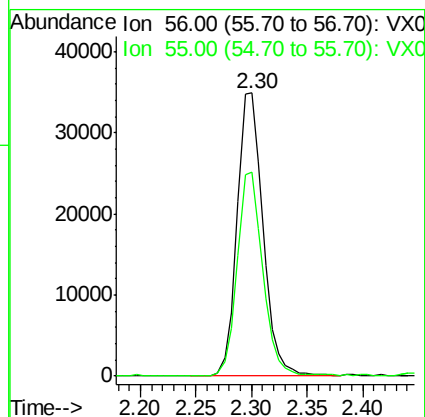
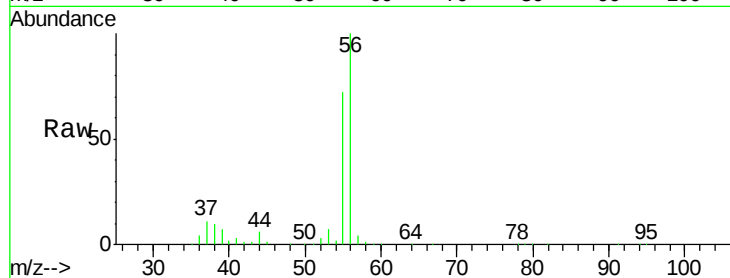
55 71.8 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 51.28 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

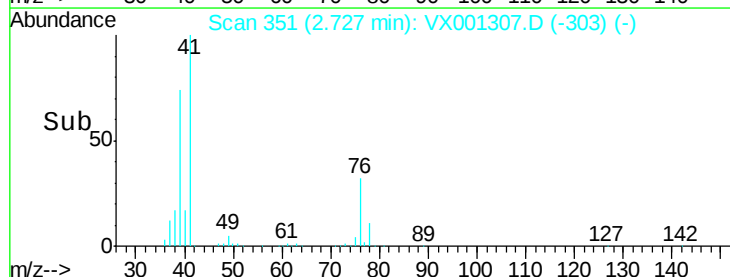
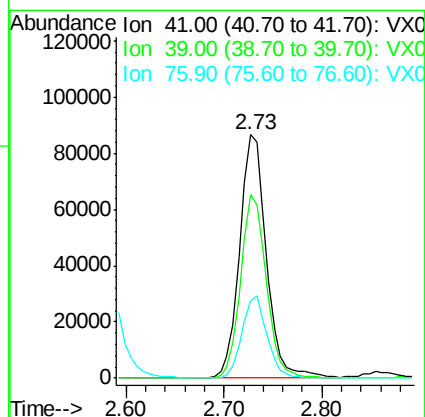
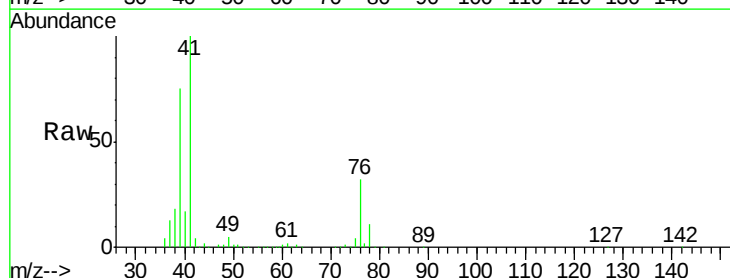
Tgt Ion: 41 Resp: 163852

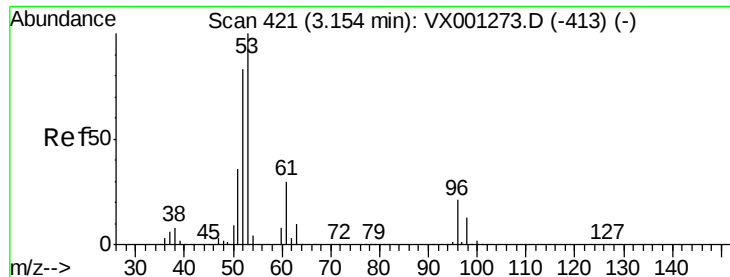
Ion Ratio Lower Upper

41 100

39 71.9 58.1 87.1

76 31.3 25.1 37.7





#15

Acrylonitrile

Concen: 265.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

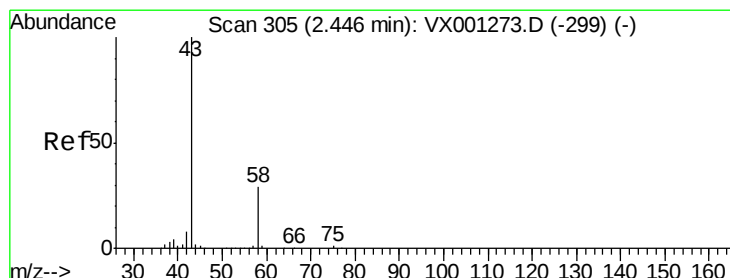
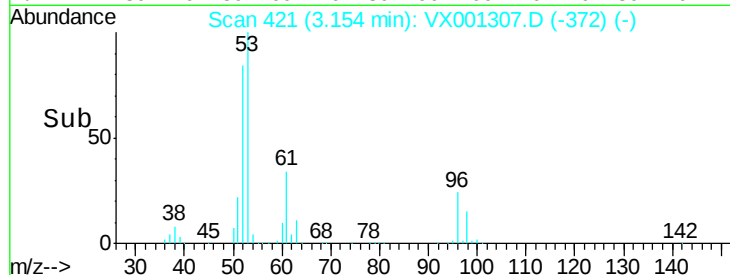
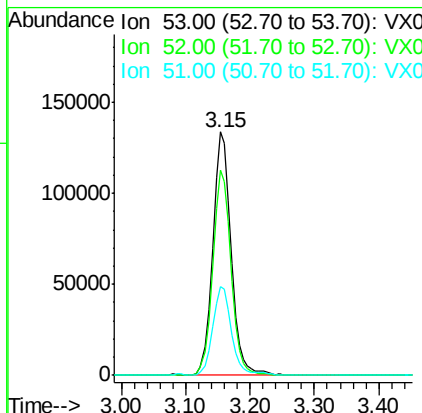
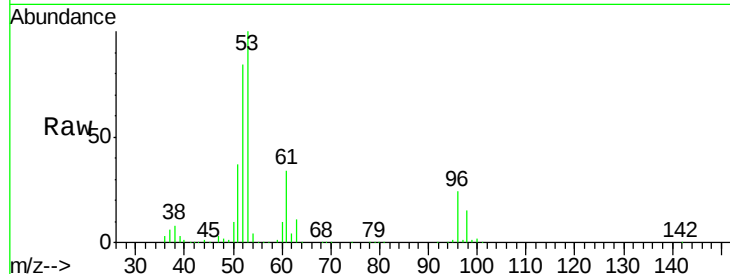
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	267126
Ion Ratio	Lower	Upper	
53	100		
52	83.9	67.0	100.4
51	37.4	29.9	44.9

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#16

Acetone

Concen: 234.41 ug/l

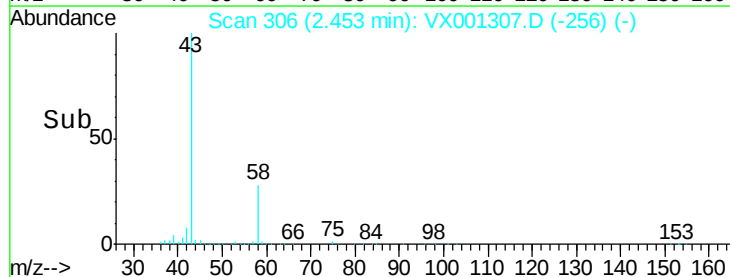
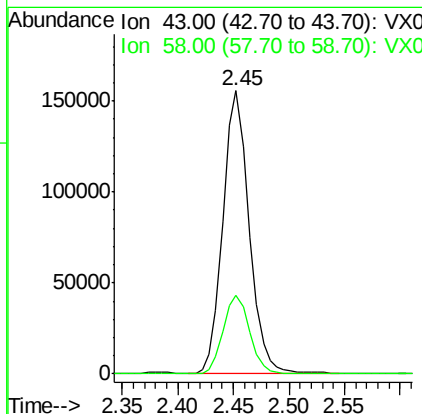
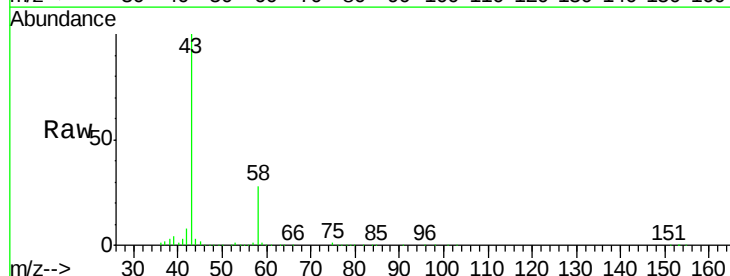
RT: 2.45 min Scan# 306

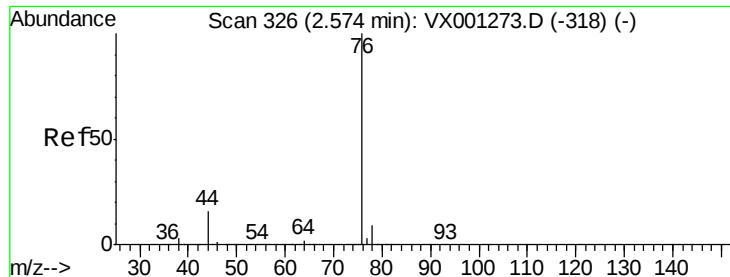
Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	43	Resp:	252161
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.8	34.2





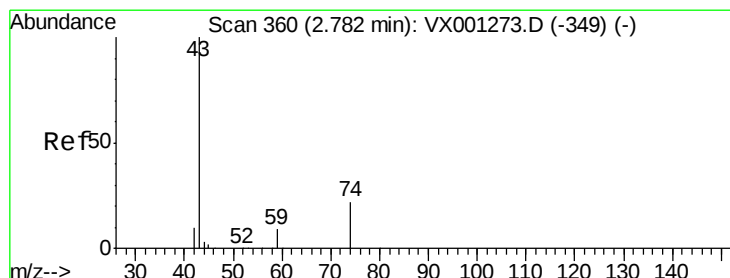
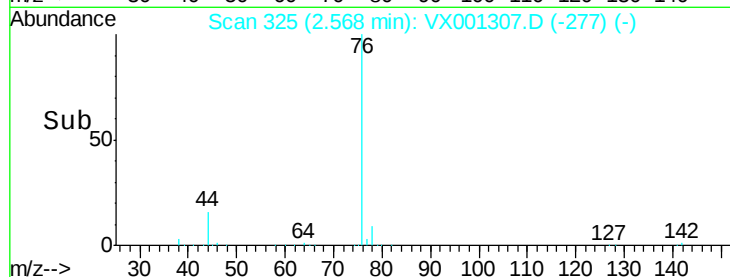
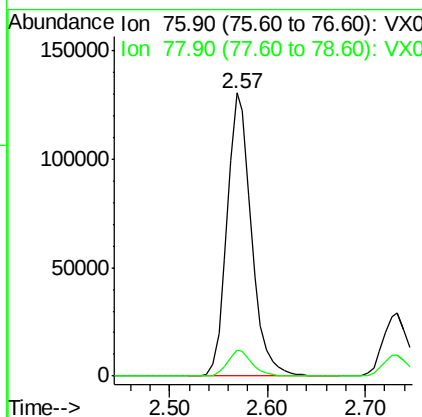
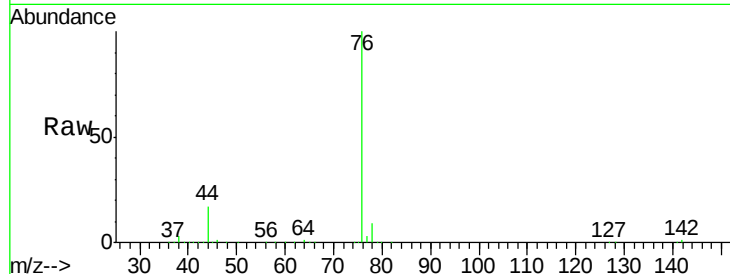
#17
Carbon Disulfide
Concen: 47.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

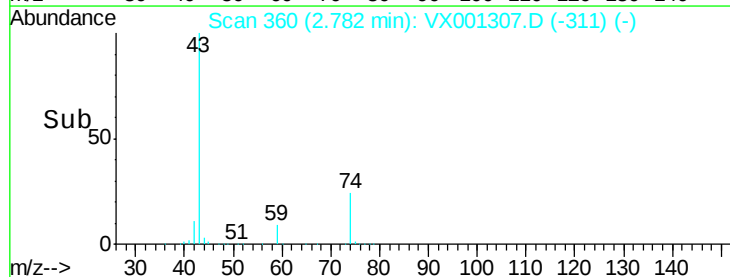
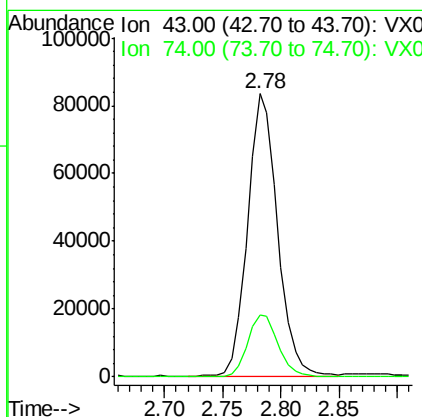
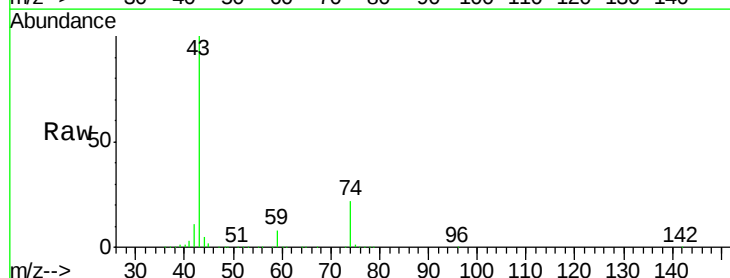
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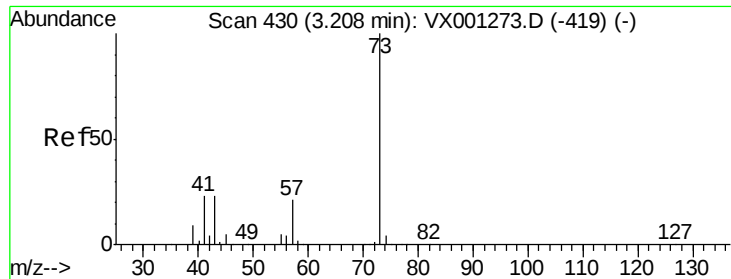
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#18
Methyl Acetate
Concen: 58.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.8	26.6





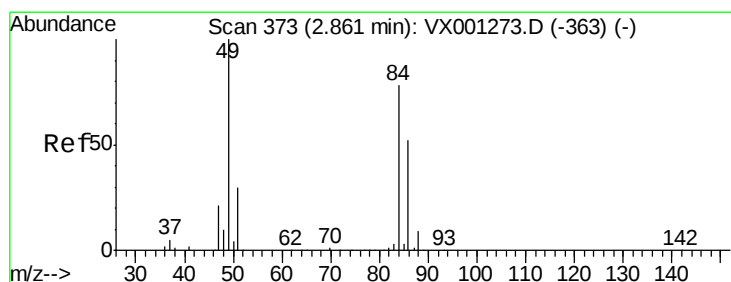
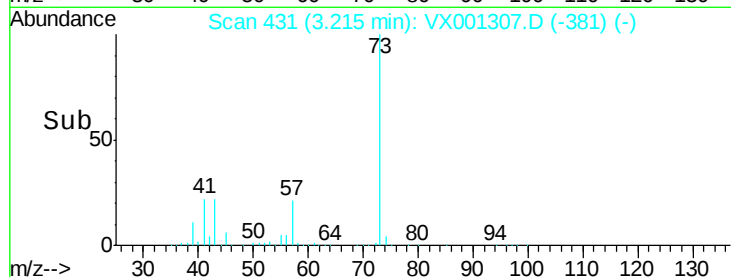
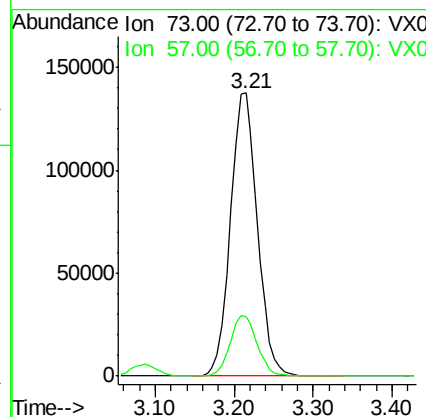
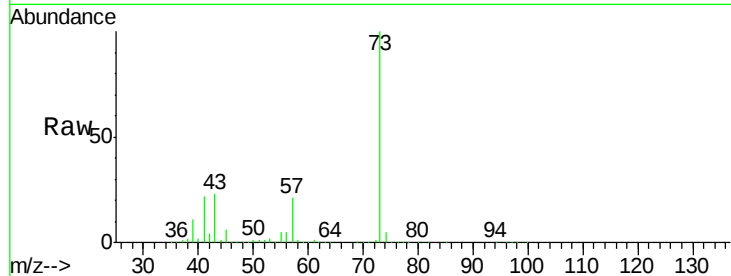
#19
Methvl tert-butvl Ether
Concen: 52.38 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

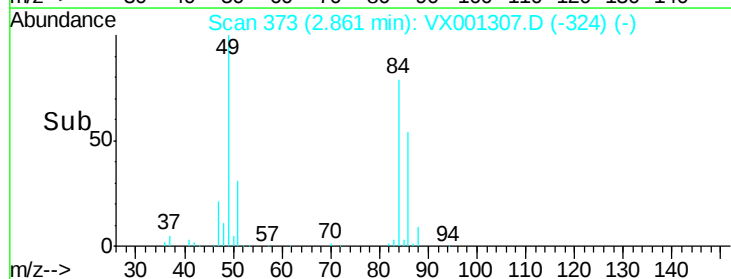
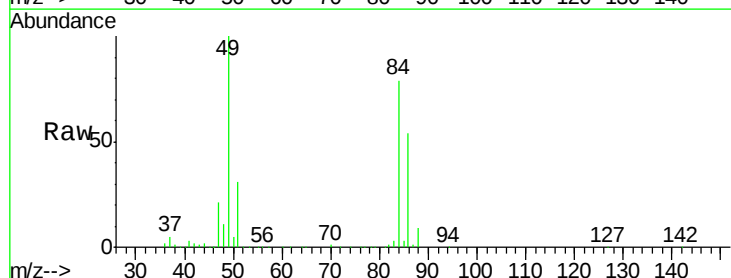
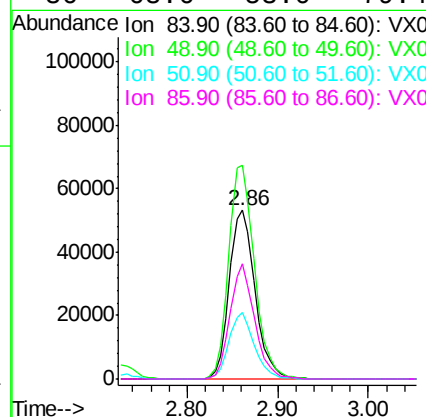
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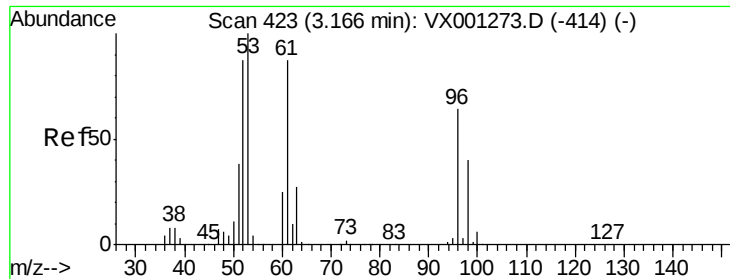
MMDadoda
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#20
Methylene Chloride
Concen: 54.42 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	102.8	154.2
51	39.7	30.9	46.3
86	68.6	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

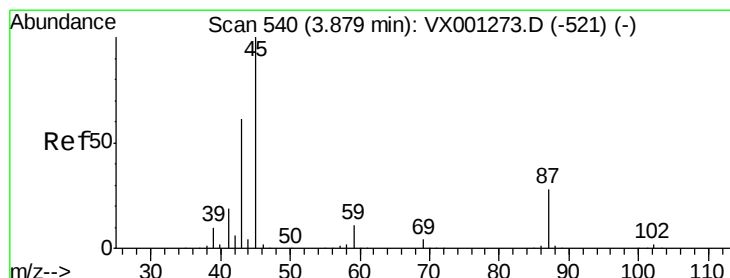
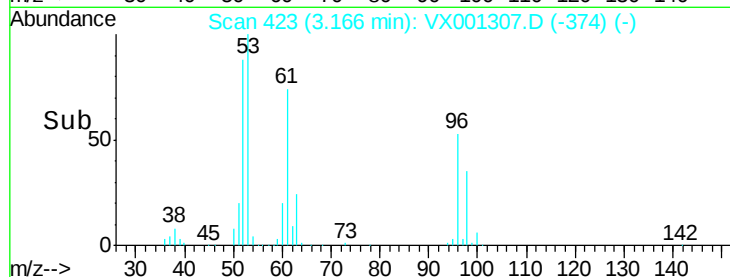
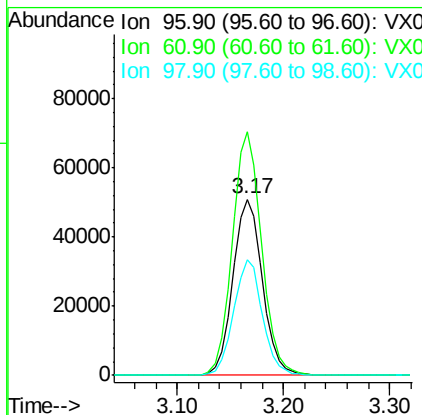
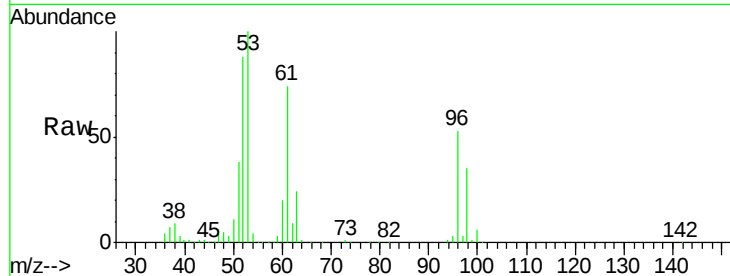
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	99331
Ion	Ratio	Lower	Upper
96	100		
61	138.1	108.6	162.8
98	65.5	49.7	74.5

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#22

Diisopropyl ether

Concen: 50.78 ug/l

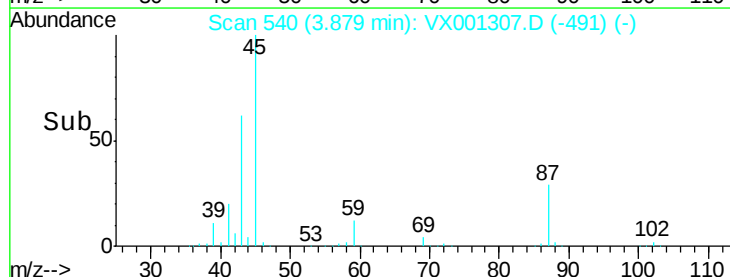
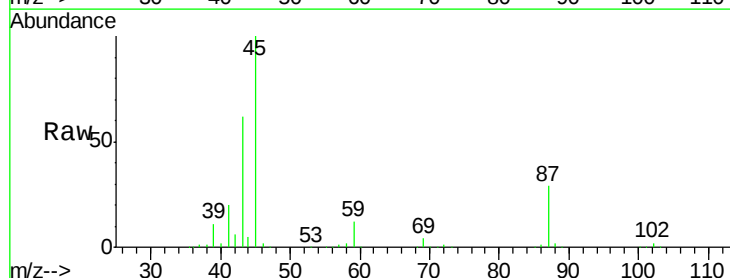
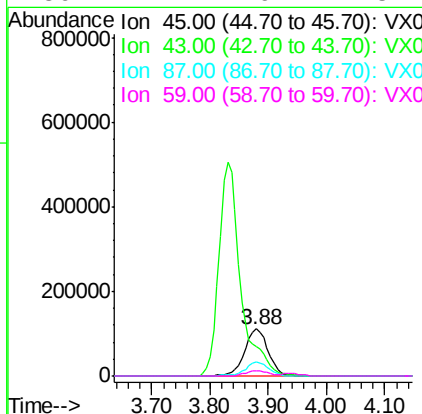
RT: 3.88 min Scan# 540

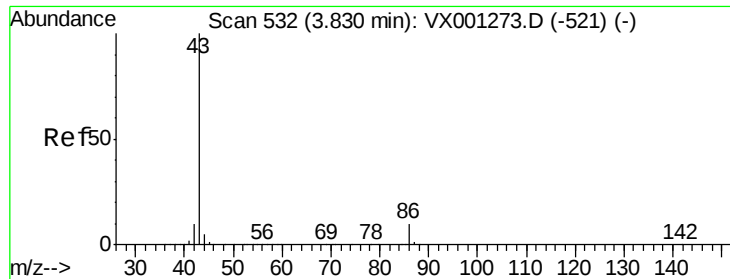
Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	45	Resp:	312476
Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.7	73.1
87	28.9	22.2	33.4
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 251.43 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1311118

Ion Ratio Lower Upper

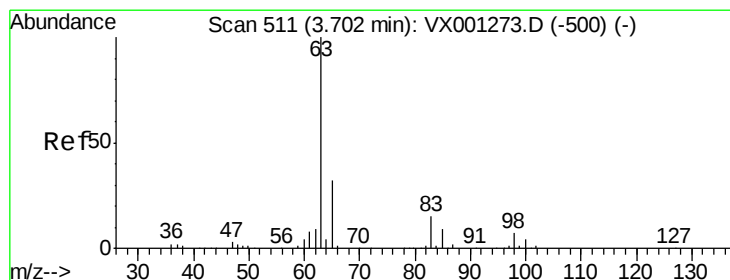
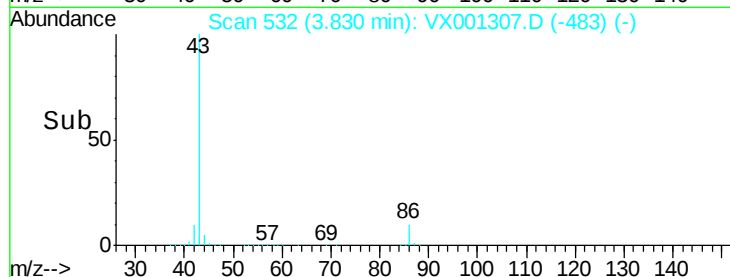
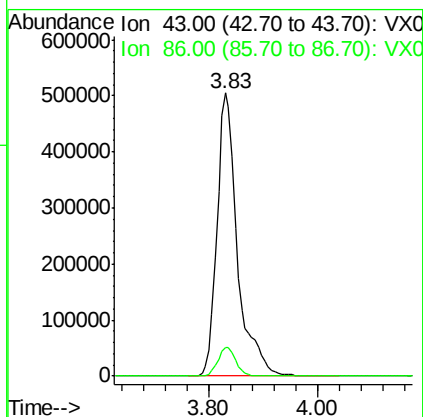
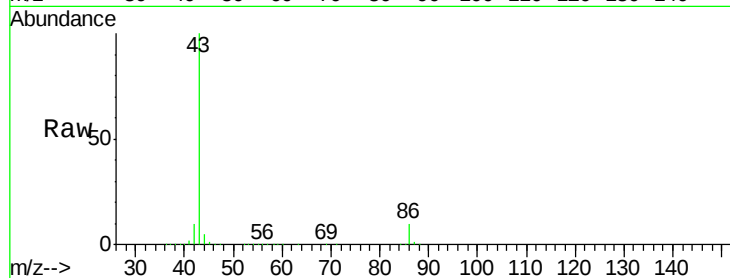
43 100

86 10.1 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 48.27 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

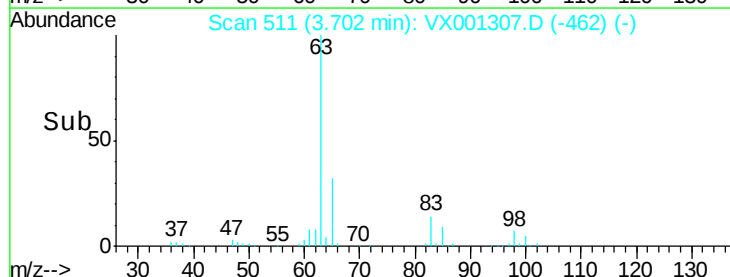
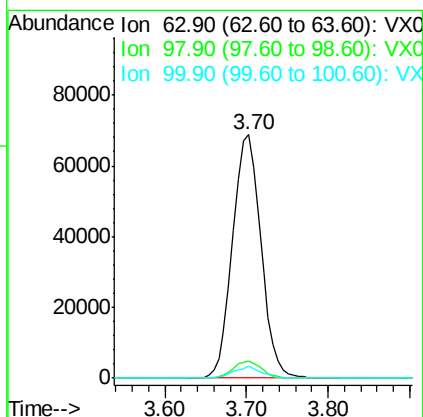
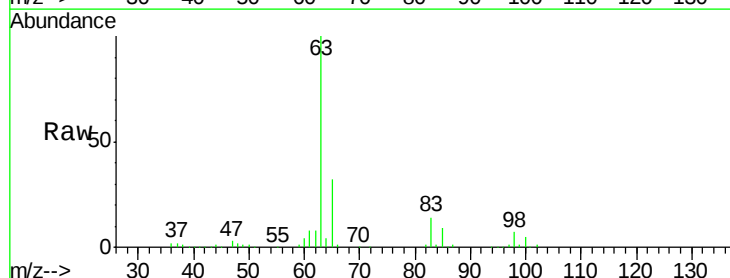
Tgt Ion: 63 Resp: 165470

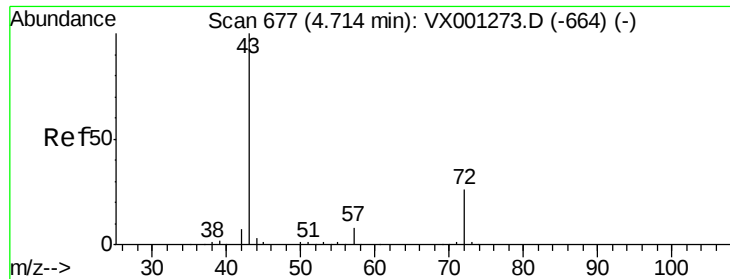
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 250.07 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 363732

Ion Ratio Lower Upper

43 100

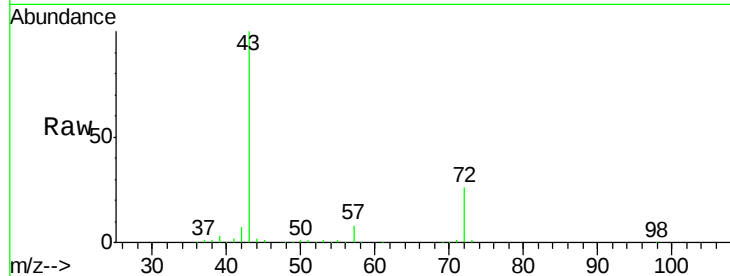
72 25.8 20.5 30.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

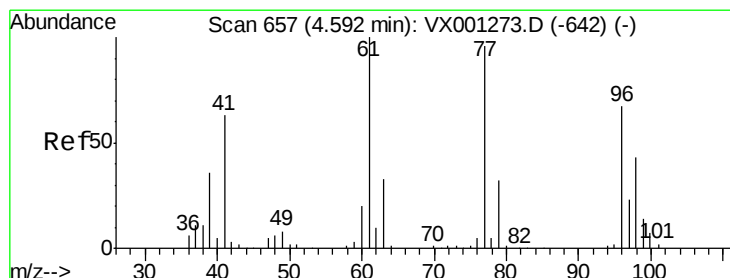
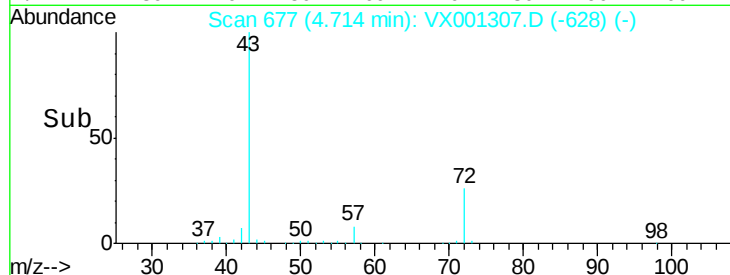
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 35.04 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001307.D

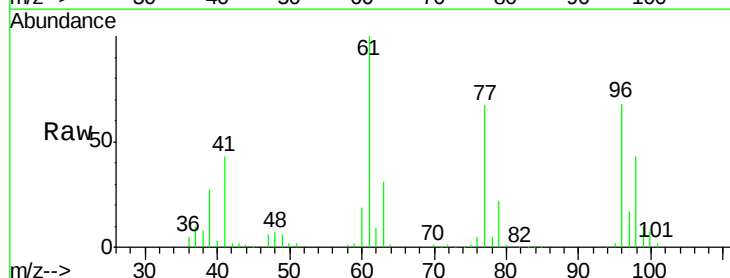
Acq: 02 May 2018 05:13

Tgt Ion: 77 Resp: 97750

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

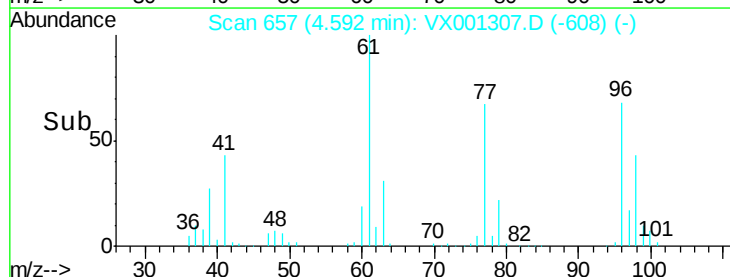
30000

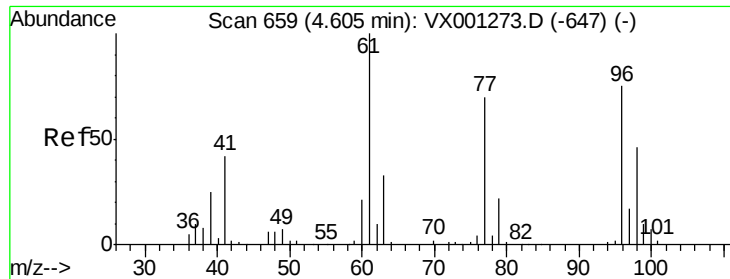
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 107919

Ion Ratio Lower Upper

96 100

61 140.1 0.0 288.0

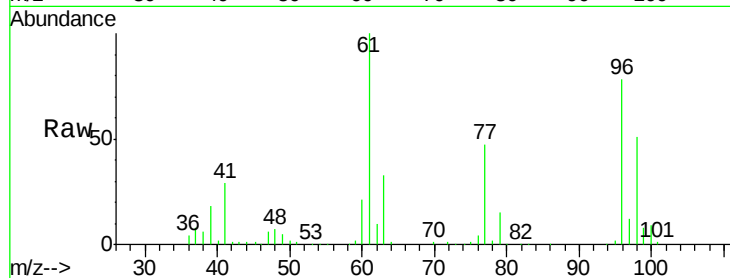
98 66.1 0.0 130.2

Manual Integrations

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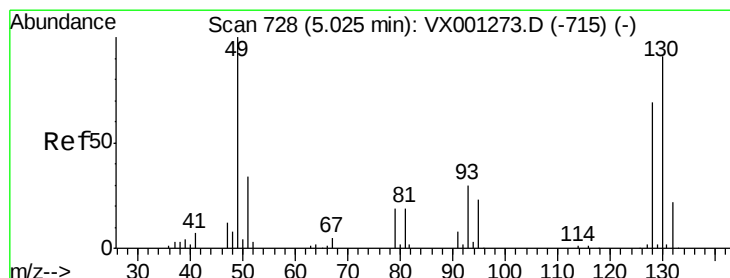
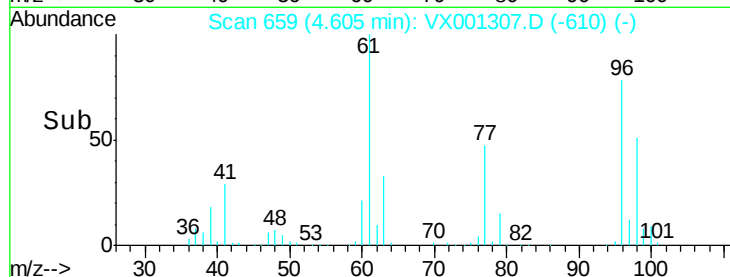
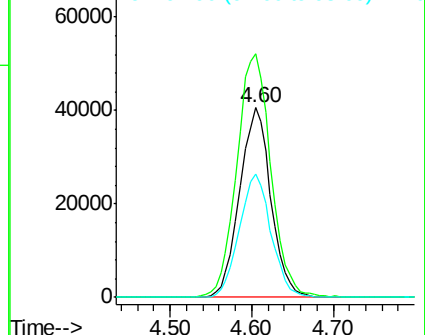
5/2/2018 4:20:58 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 54.40 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

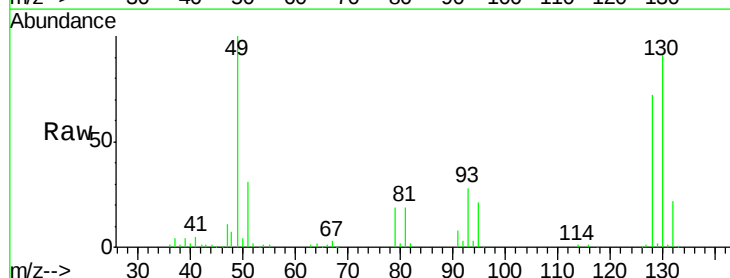
Tgt Ion: 49 Resp: 83828

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

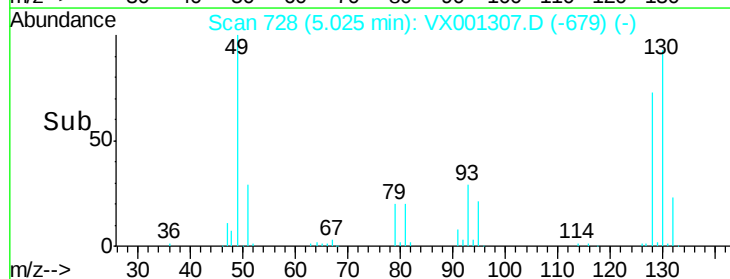
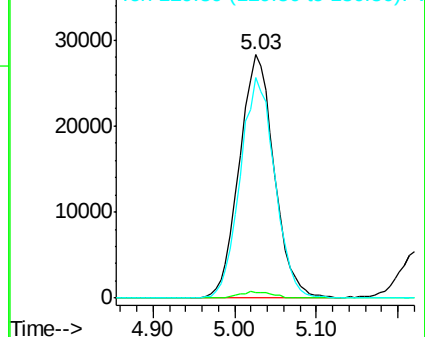
130 89.9 70.4 105.6

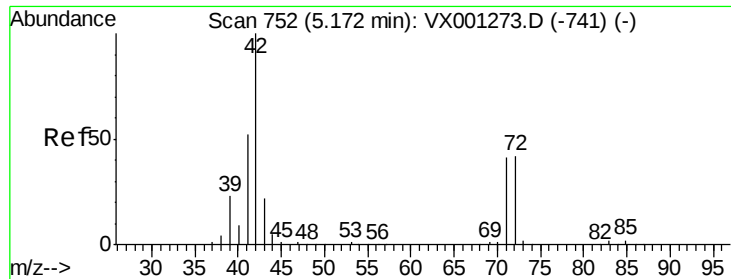


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





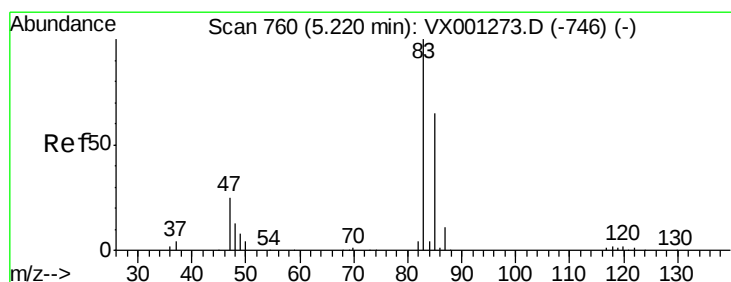
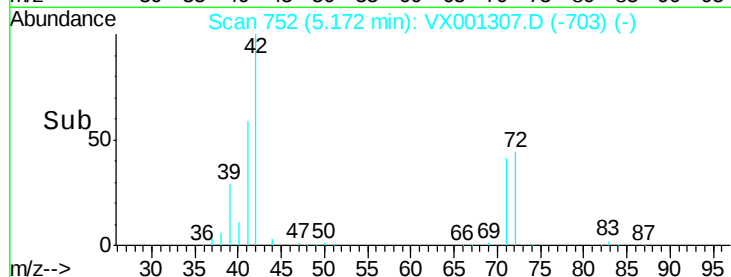
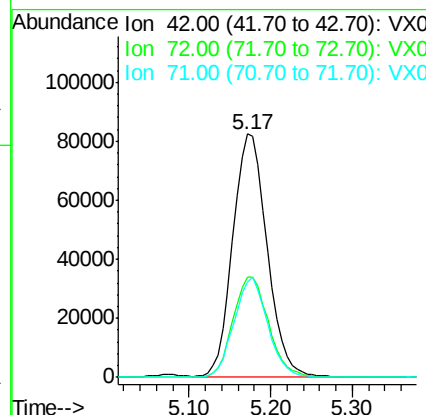
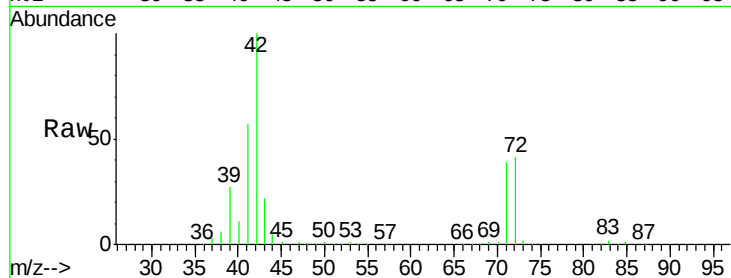
#29
Tetrahydrofuran
Concen: 266.82 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	52.0
71	40.5	32.7	49.1

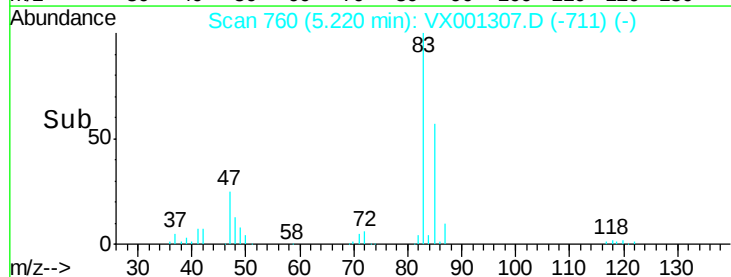
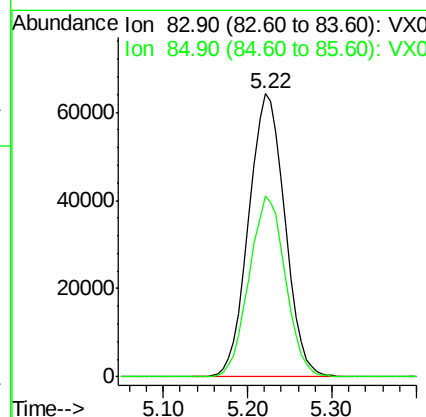
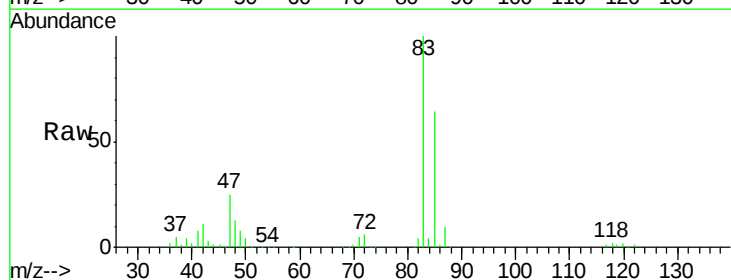
Manual Integrations
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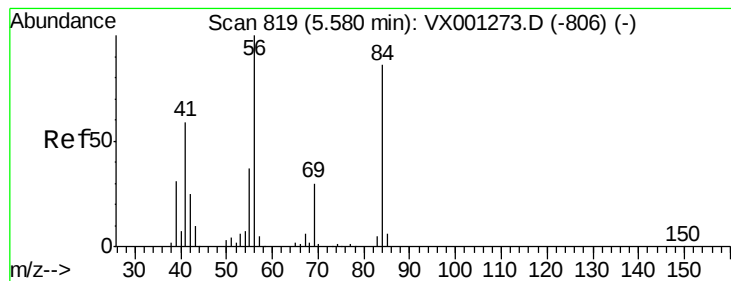
MMDadoda
5/2/2018 4:20:58 PM



#30
Chloroform
Concen: 51.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.2





#31

Cyclohexane

Concen: 47.99 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 148579

Ion Ratio Lower Upper

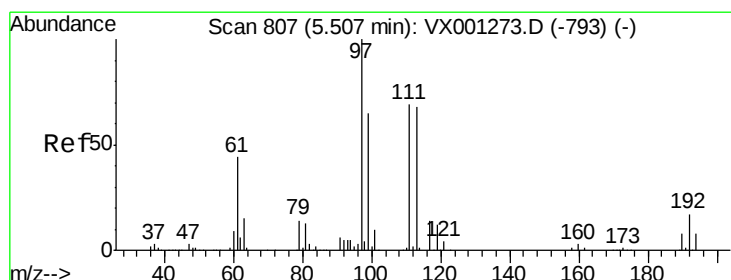
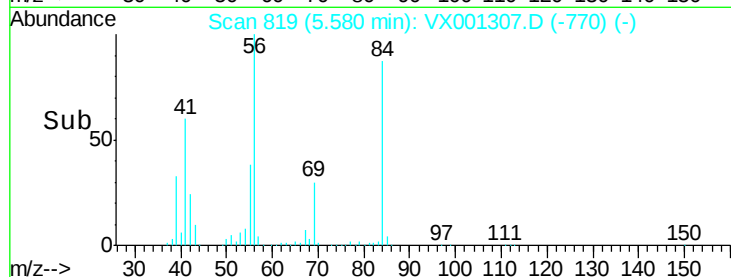
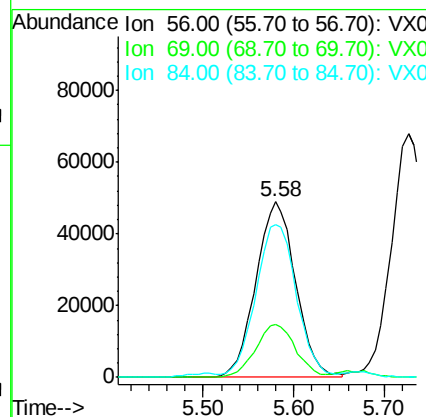
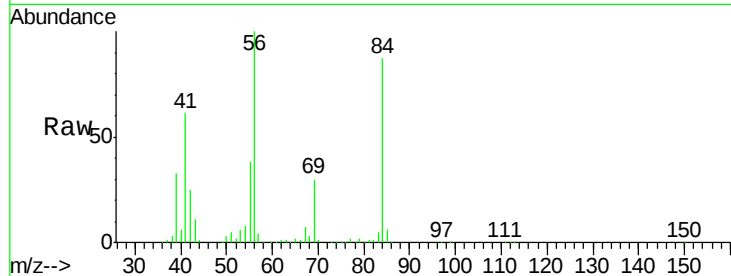
56 100

69 30.2 24.0 36.0

84 85.4 69.0 103.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

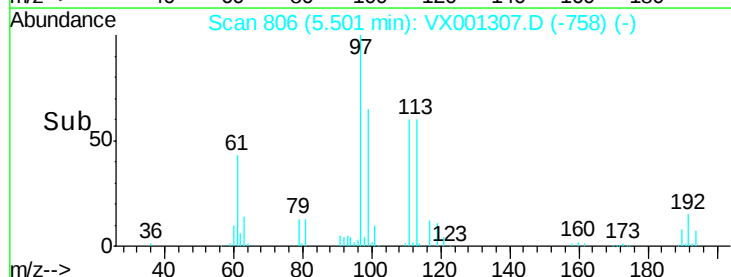
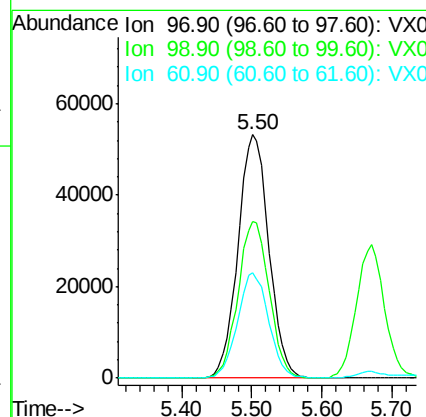
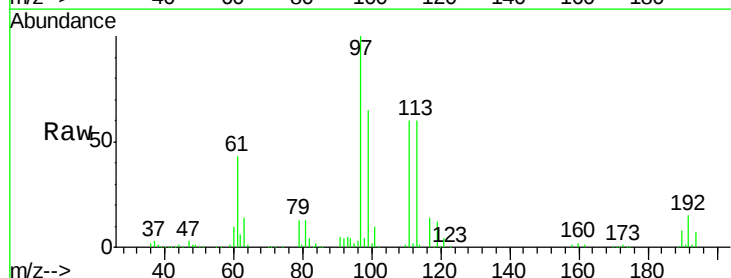
Tgt Ion: 97 Resp: 162668

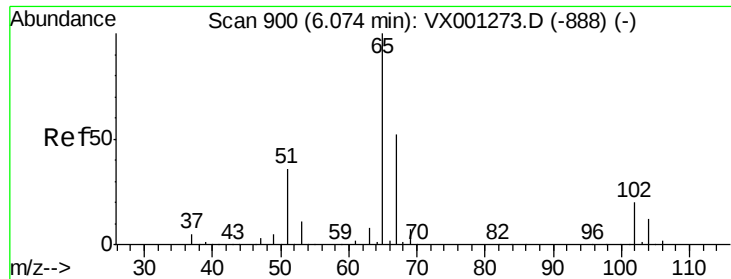
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 43.8 35.4 53.2





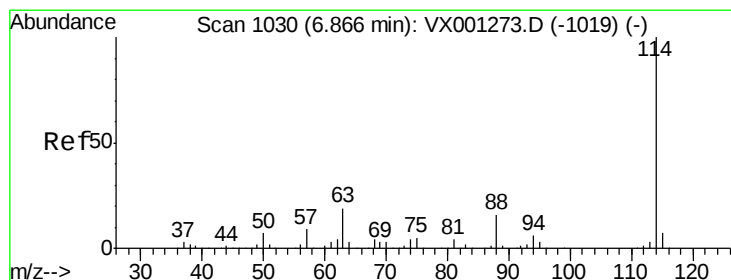
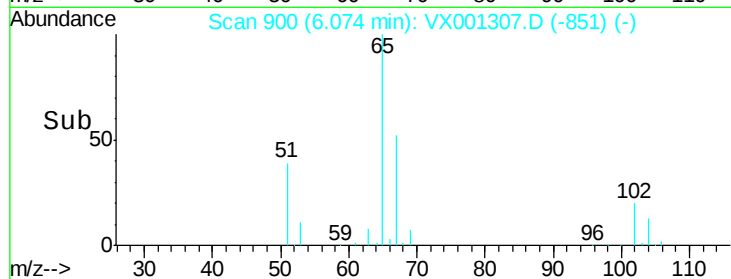
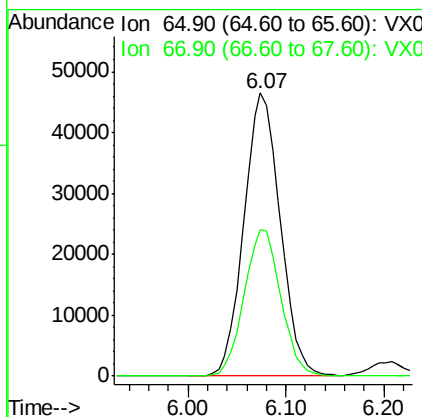
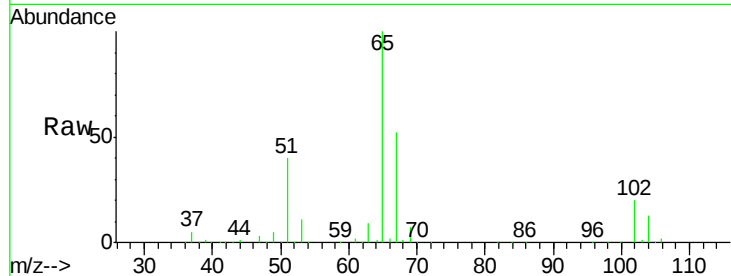
#33
 1,2-Dichloroethane-d4
 Concen: 47.48 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.8

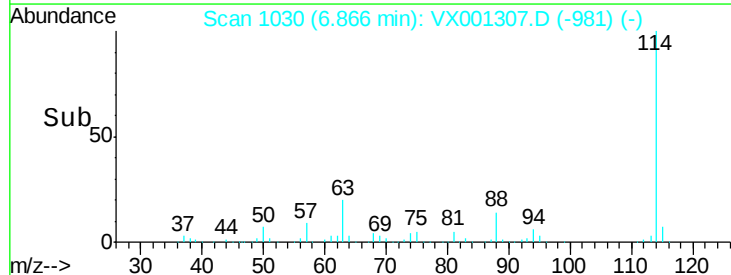
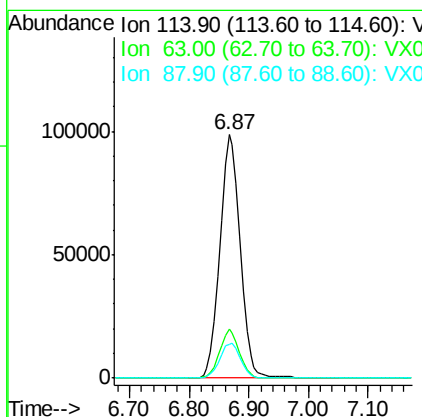
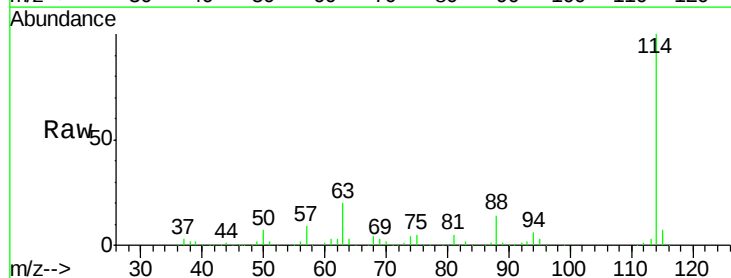
Manual Integrations
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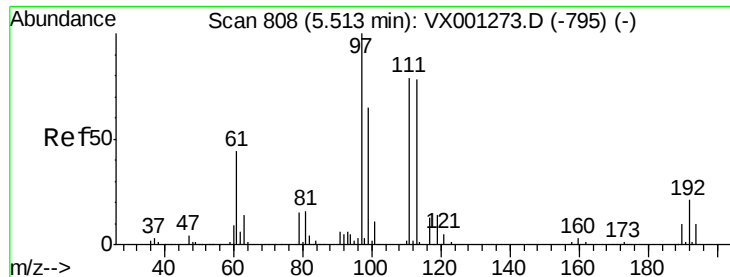
MMDadoda
 5/2/2018 4:20:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.8
88	13.7	0.0	32.2





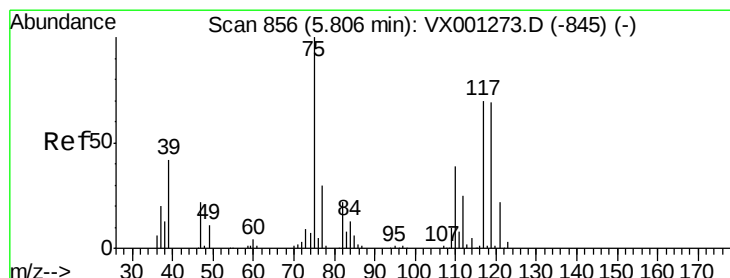
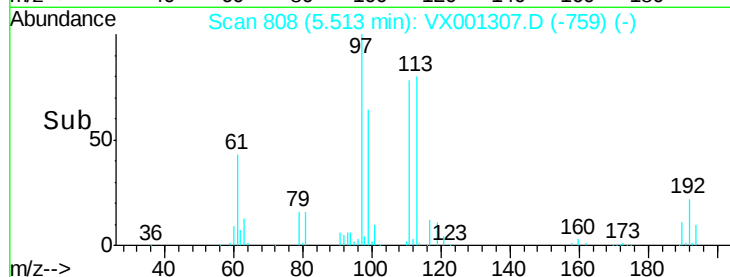
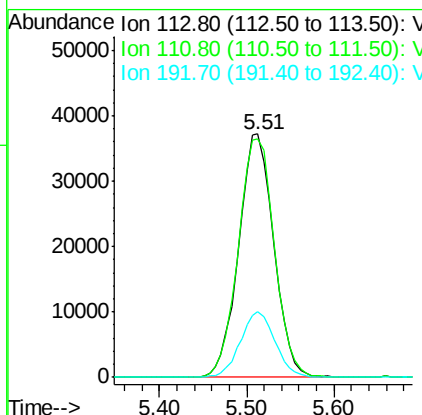
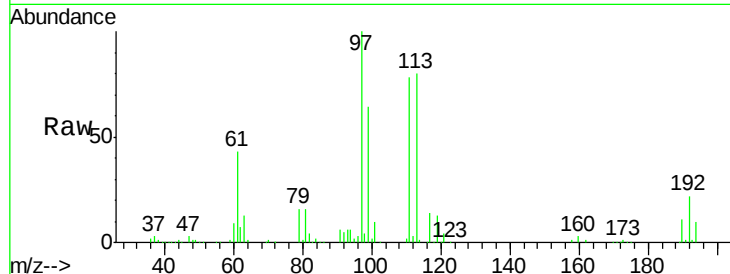
#35
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103997		
111	101.1	81.2	121.8	
192	26.6	20.7	31.1	

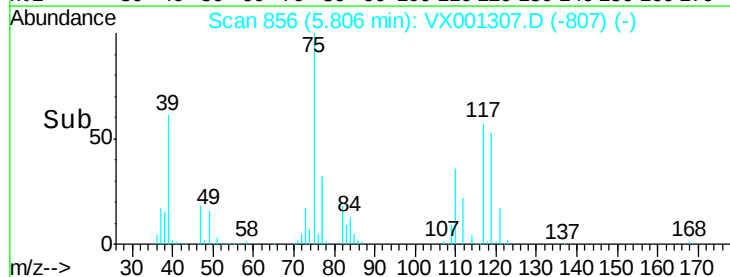
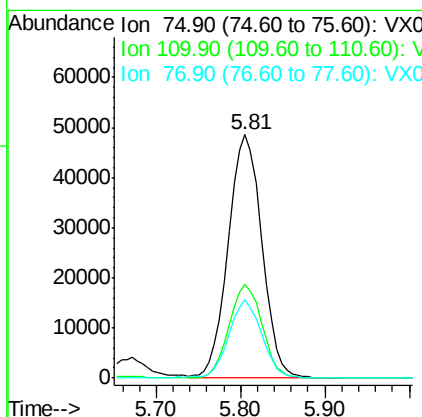
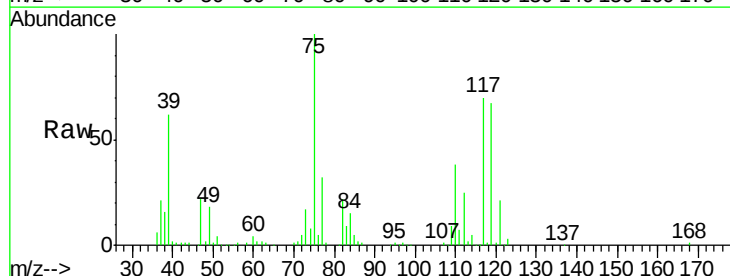
Manual Integrations
 APPROVED

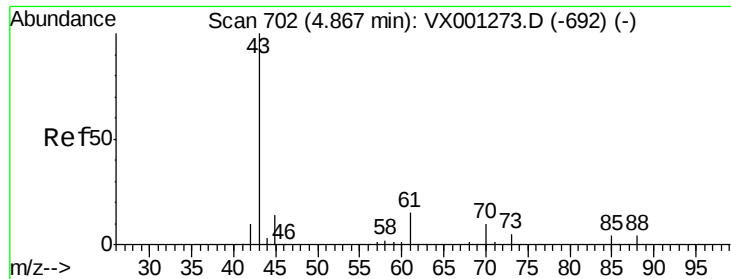
MMDadoda
 5/2/2018 4:20:58 PM



#36
 1,1-Dichloropropene
 Concen: 48.55 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131316		
110	37.9	18.9	56.9	
77	31.4	24.2	36.2	





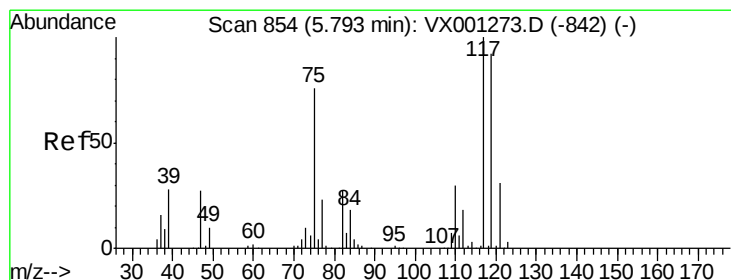
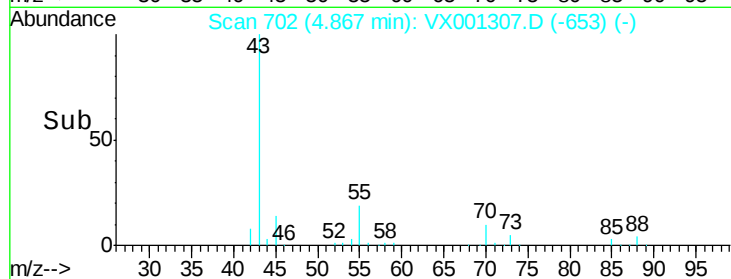
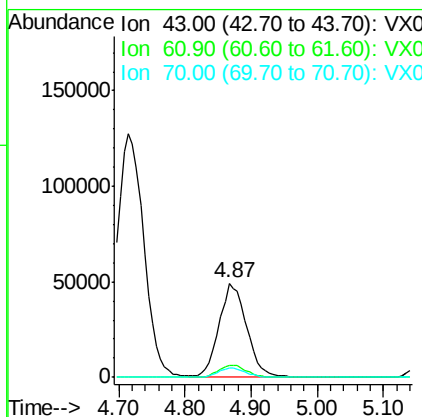
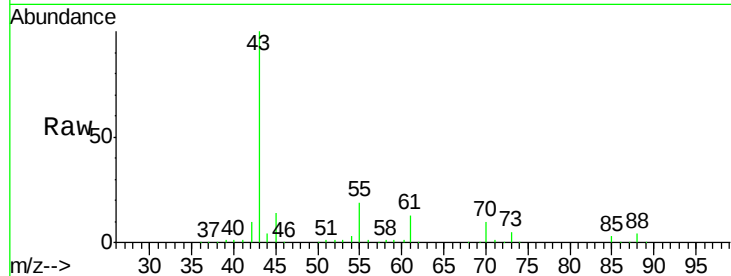
#37
Ethyl Acetate
Concen: 51.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.1	8.0	12.0

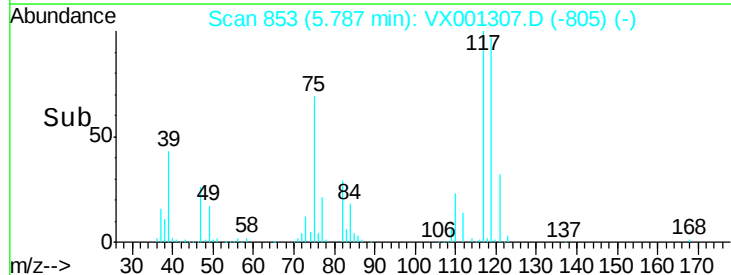
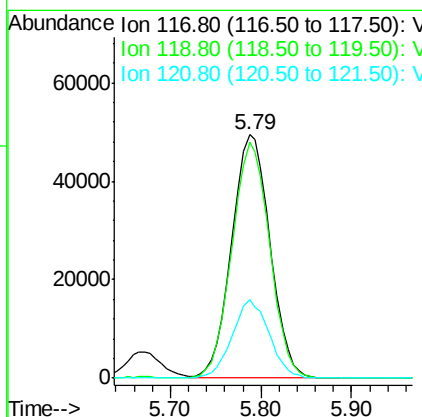
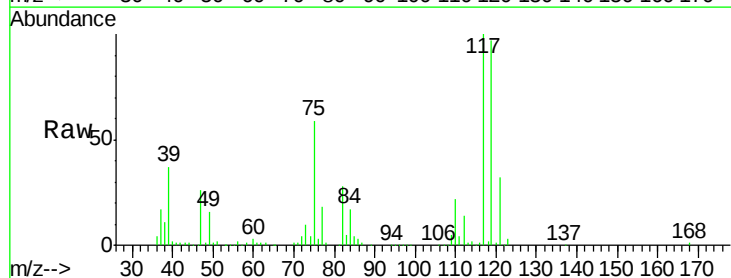
Manual Integrations
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5/2/2018 4:20:58 PM



#38
Carbon Tetrachloride
Concen: 51.41 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.4	110.2
121	32.0	25.0	37.4





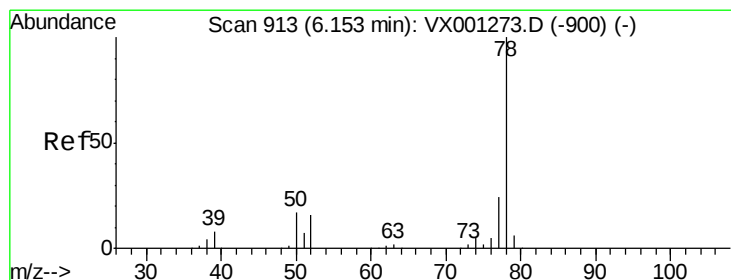
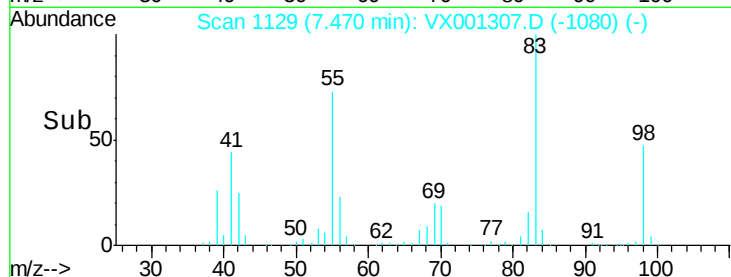
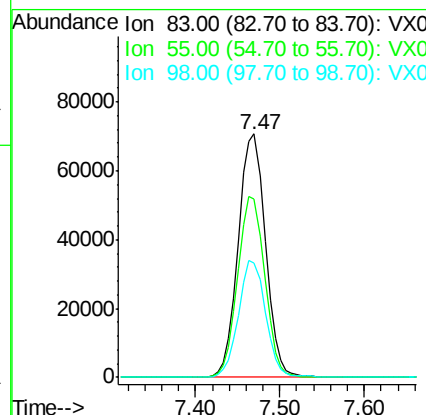
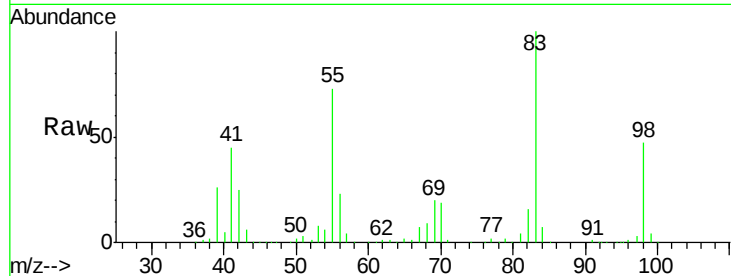
#39
Methvlcvclohexane
Concen: 48.44 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	60.4	90.6
98	46.7	37.0	55.6

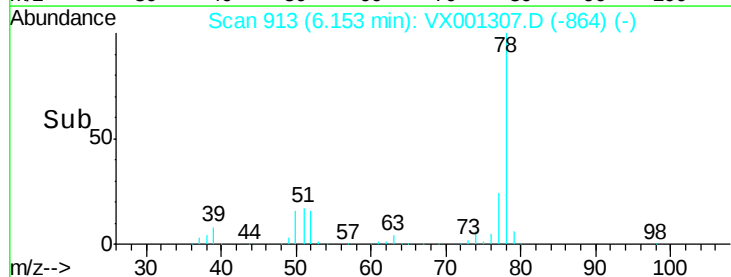
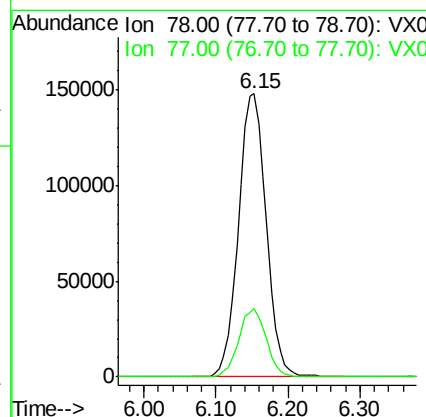
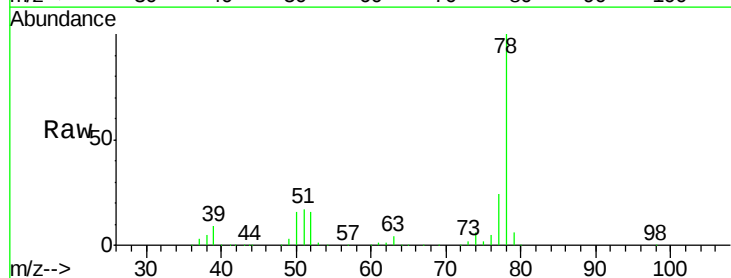
Manual Integrations
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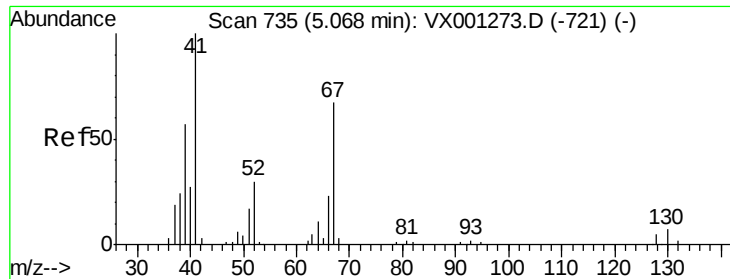
MMDadoda
5/2/2018 4:20:58 PM



#40
Benzene
Concen: 50.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





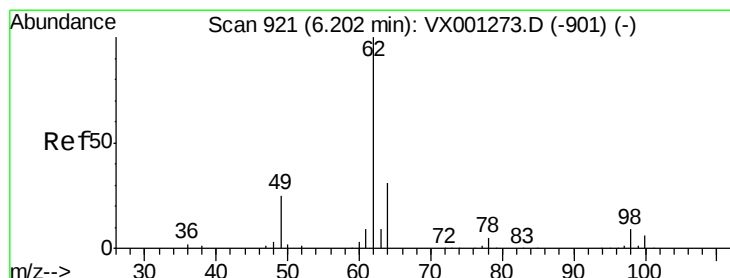
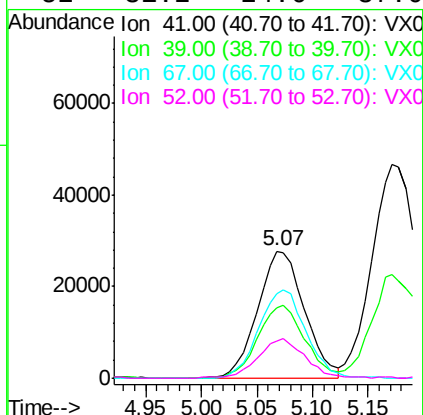
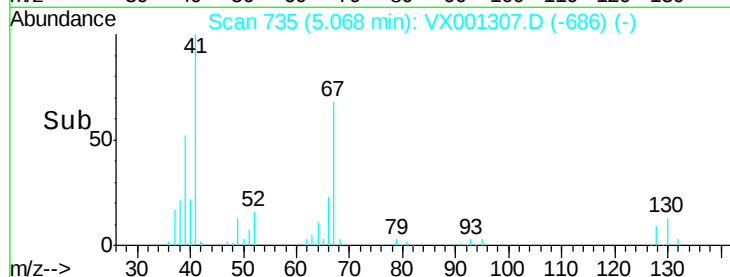
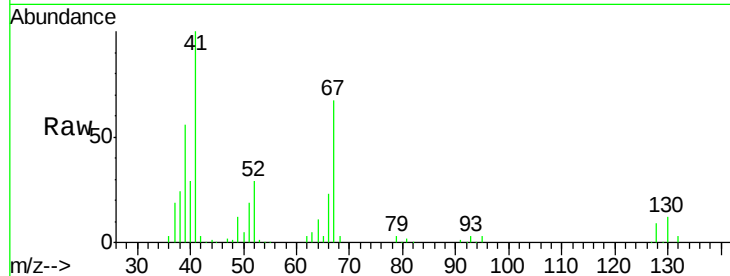
#41
Methacrylonitrile
Concen: 50.89 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	45.8	68.8	
67	70.4	54.8	82.2	
52	31.2	24.6	37.0	

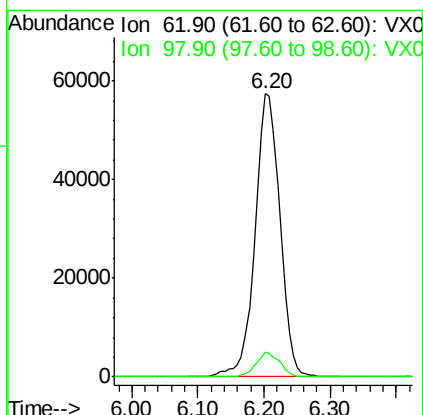
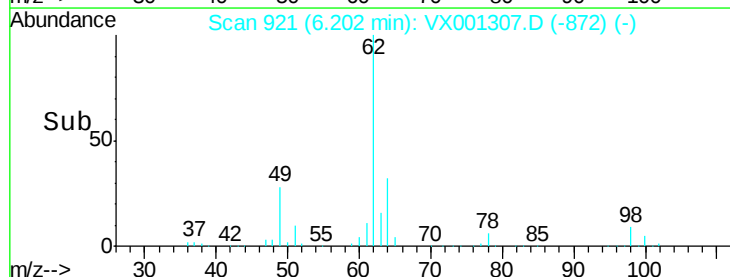
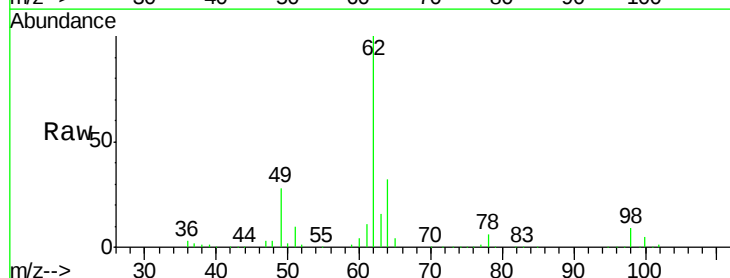
Manual Integrations
APPROVED

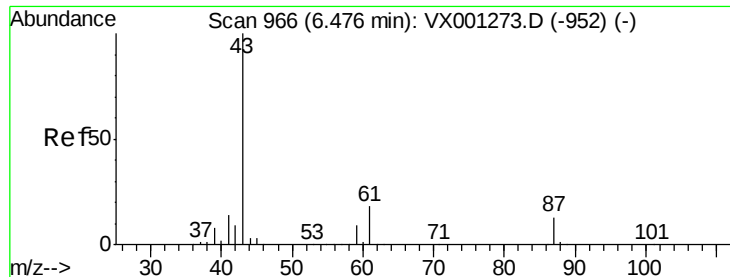
MMDadoda
5/2/2018 4:20:58 PM



#42
1,2-Dichloroethane
Concen: 50.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	17.2	





#43

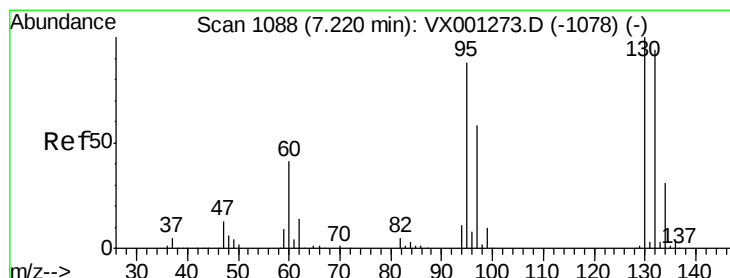
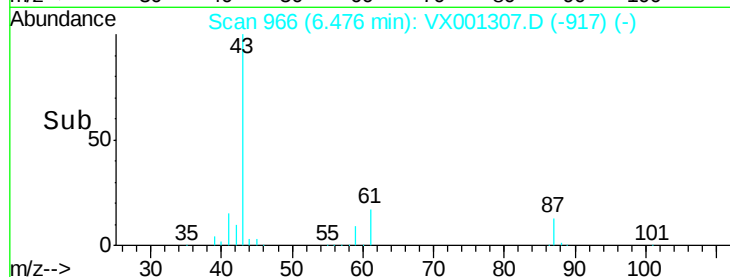
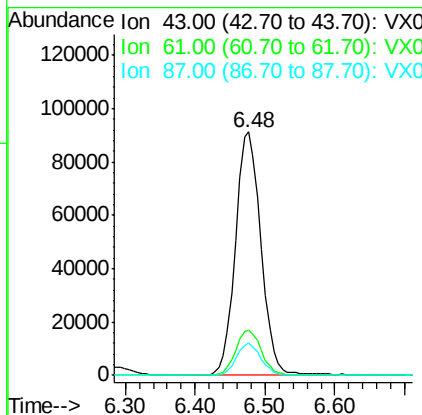
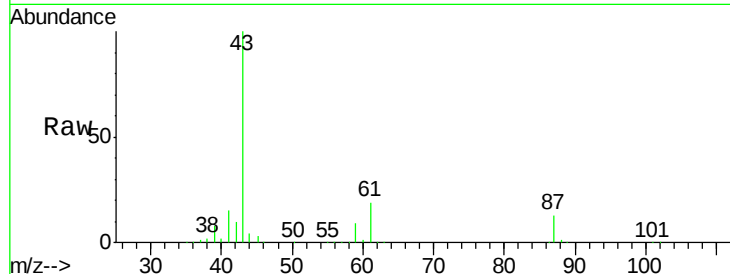
Isopropyl Acetate
 Concen: 51.99 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.4
87	13.1	10.2	15.4

Manual Integrations
 APPROVED

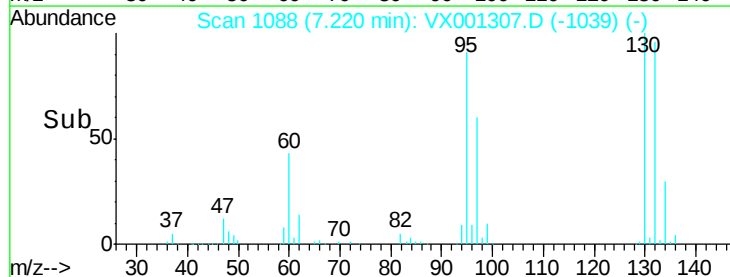
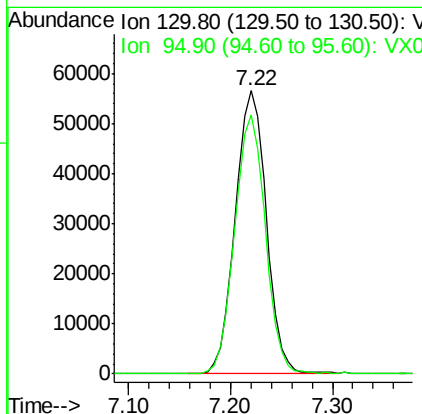
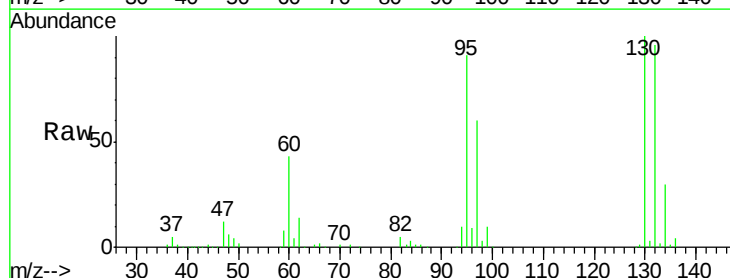
MMDadoda
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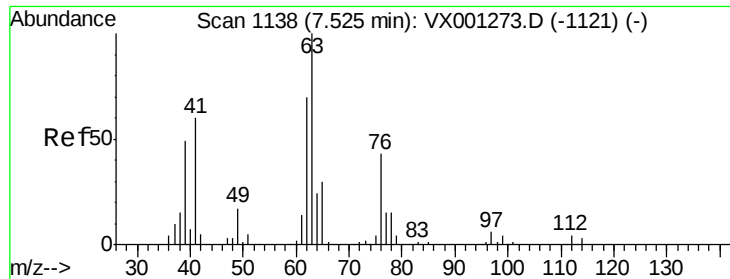


#44

Trichloroethene
 Concen: 50.35 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	176.0





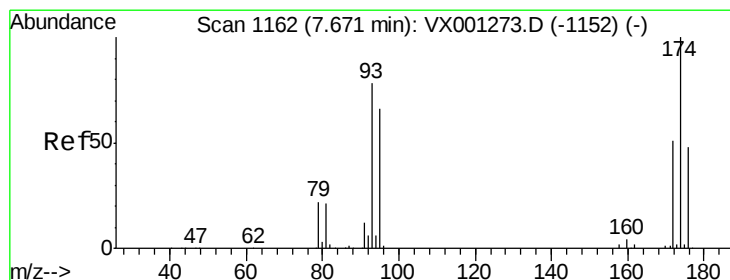
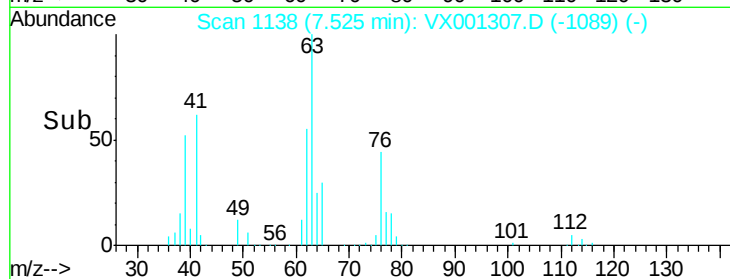
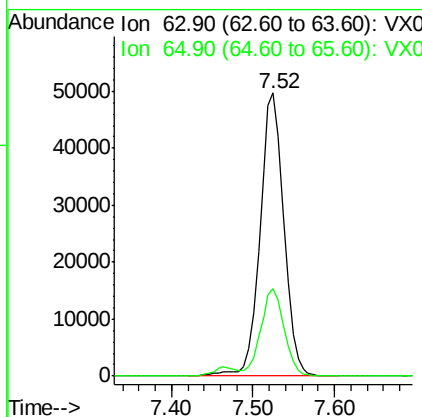
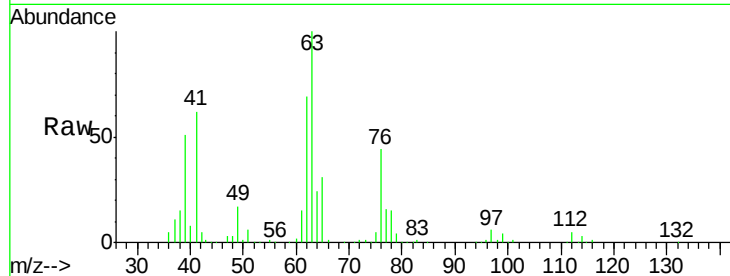
#45
 1,2-Dichloropropane
 Concen: 50.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	101644
Ion Ratio	Lower	Upper	
63	100		
65	30.8	24.2	36.4

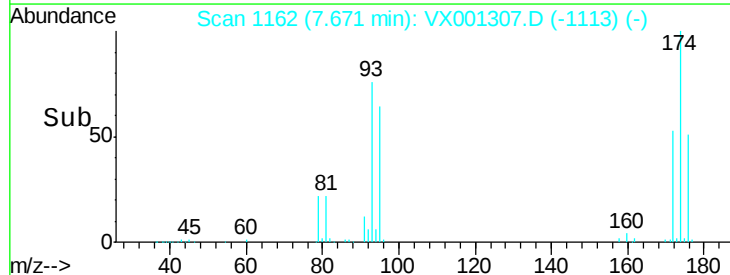
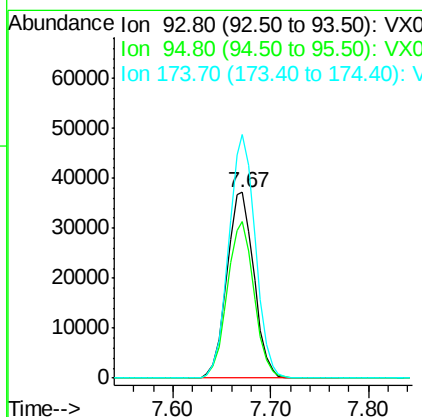
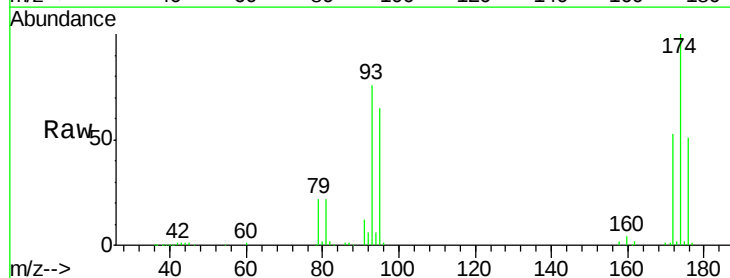
Manual Integrations
 APPROVED

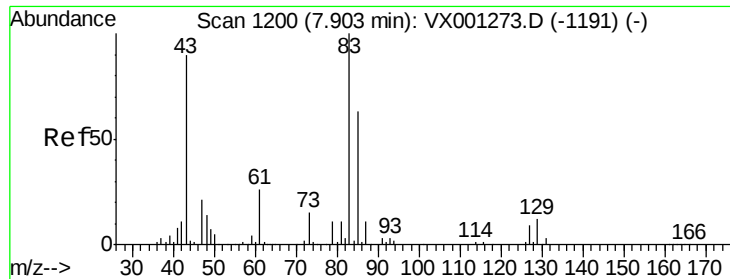
MMDadoda
 5/2/2018 4:20:58 PM



#46
 Dibromomethane
 Concen: 50.90 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	93	Resp	71300
Ion Ratio	Lower	Upper	
93	100		
95	83.4	67.0	100.6
174	128.8	102.3	153.5





#47

Bromodichloromethane

Concen: 53.03 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

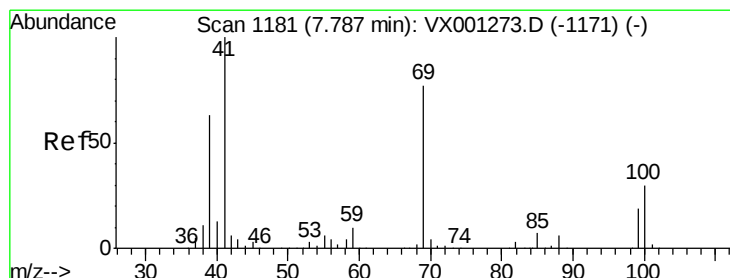
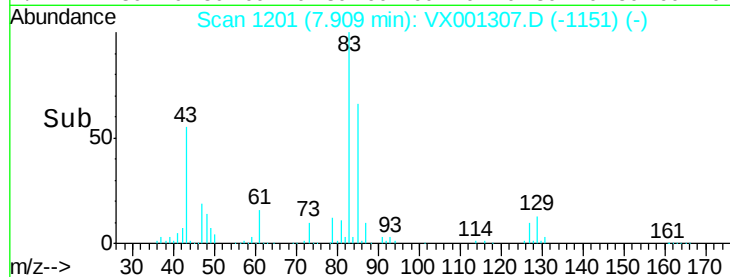
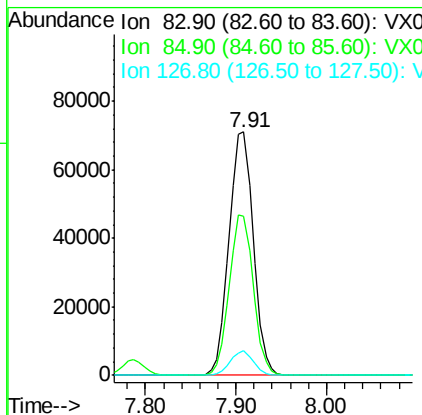
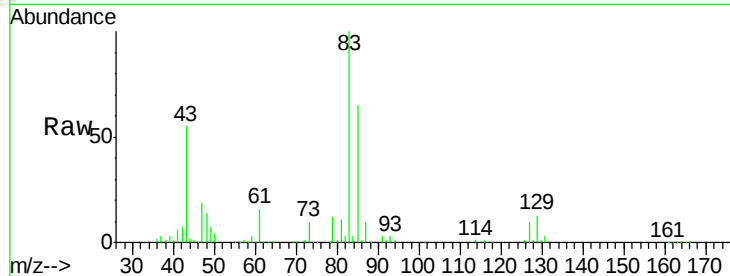
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	132815
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.3	75.5
127	10.0	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.11 ug/l

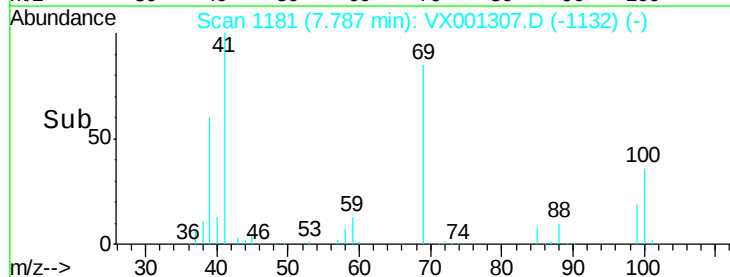
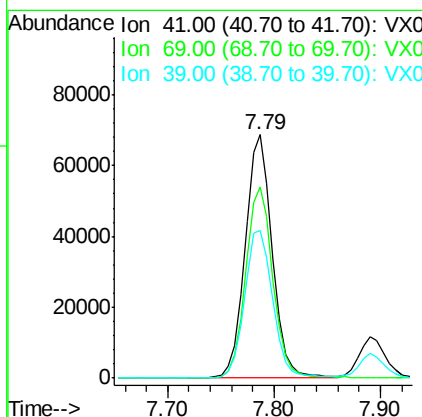
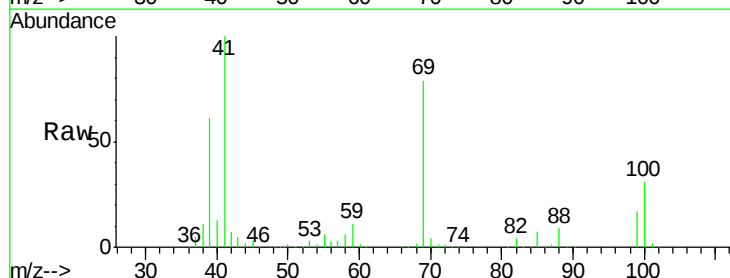
RT: 7.79 min Scan# 1181

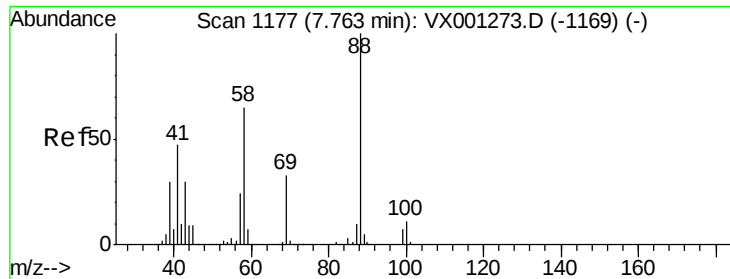
Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	41	Resp:	122485
Ion Ratio	Lower	Upper	
41	100		
69	79.4	63.0	94.6
39	63.2	50.2	75.4





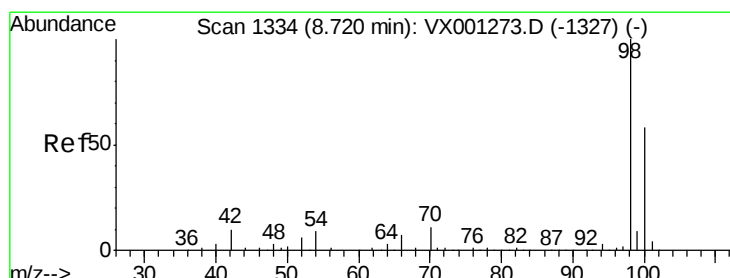
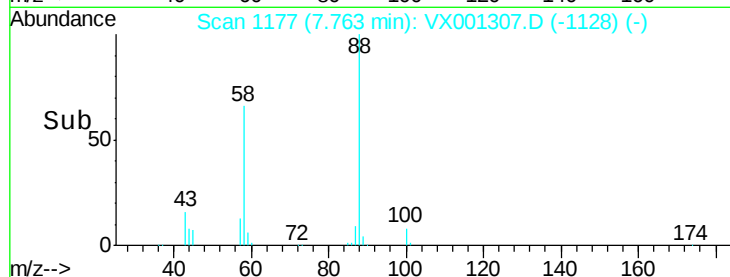
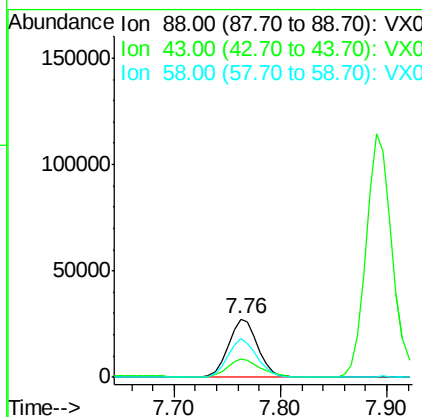
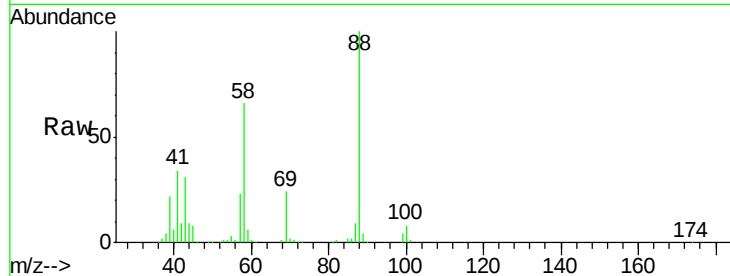
#49
1,4-Dioxane
Concen: 1182.03 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.9	41.9
58	66.8	54.2	81.2

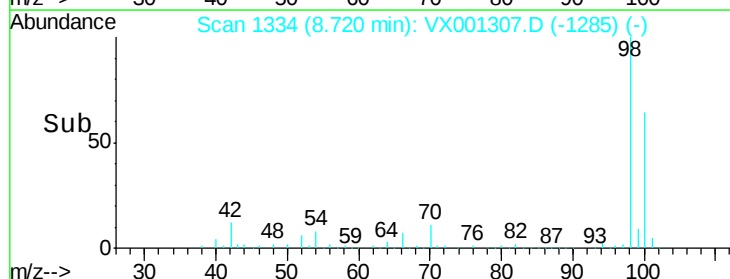
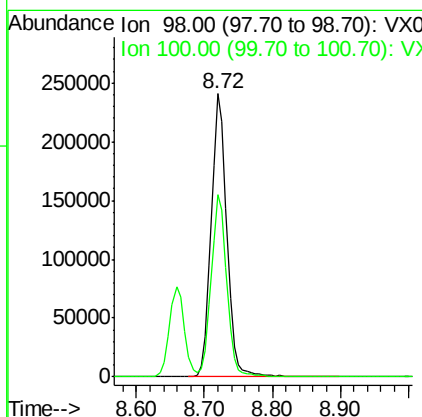
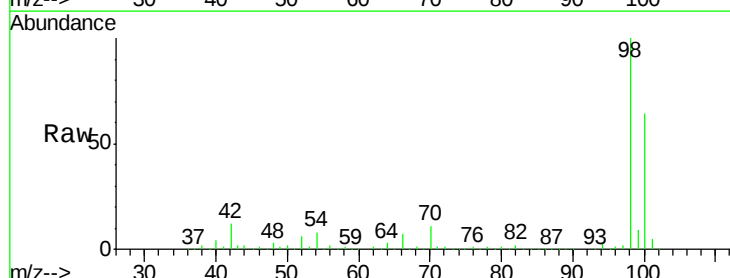
Manual Integrations
APPROVED

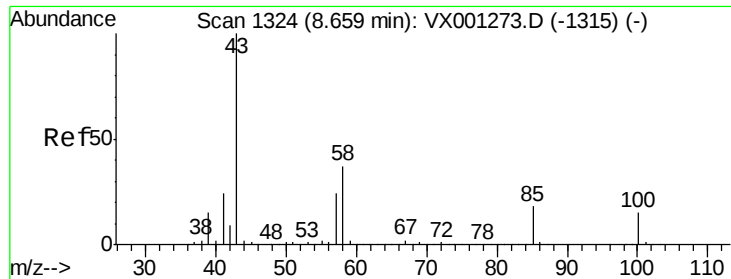
MMDadoda
5/2/2018 4:20:58 PM



#50
Toluene-d8
Concen: 53.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 271.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 775001

Ion Ratio Lower Upper

43 100

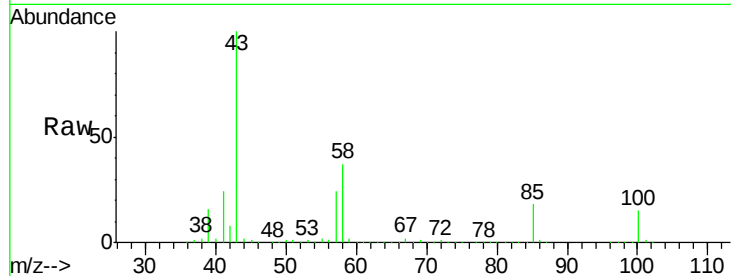
58 37.2 29.0 43.6

Manual Integrations

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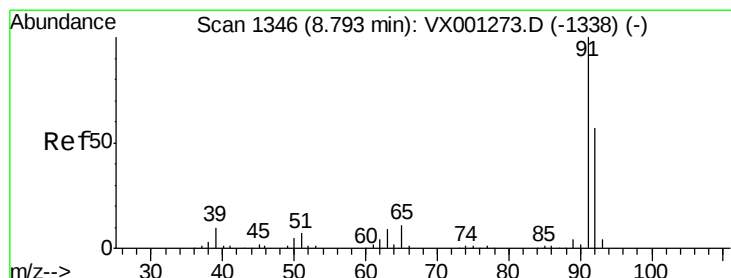
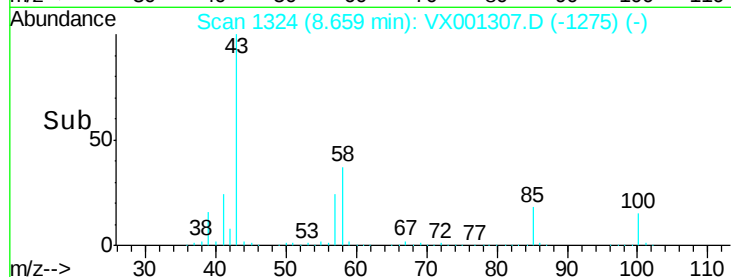
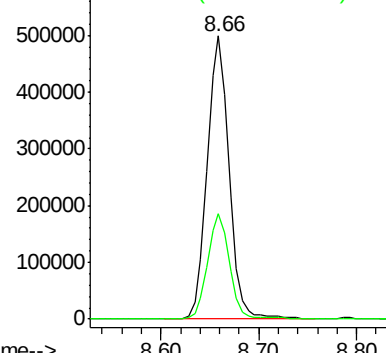
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001307.D

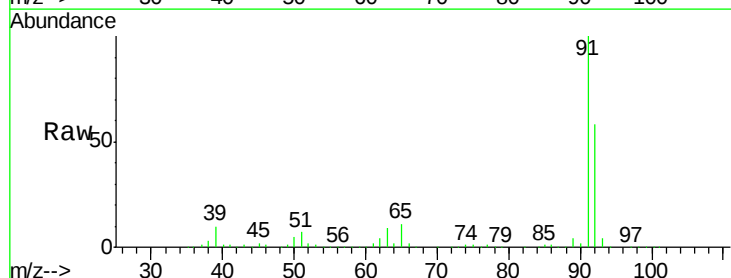
Acq: 02 May 2018 05:13

Tgt Ion: 92 Resp: 260448

Ion Ratio Lower Upper

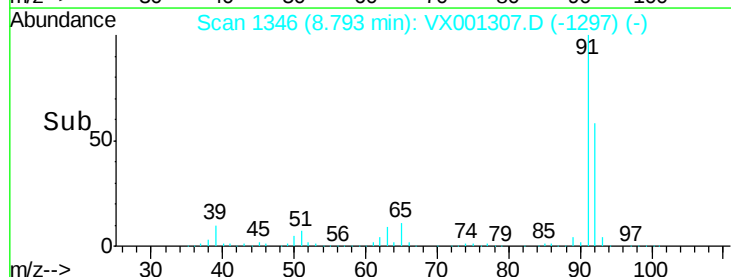
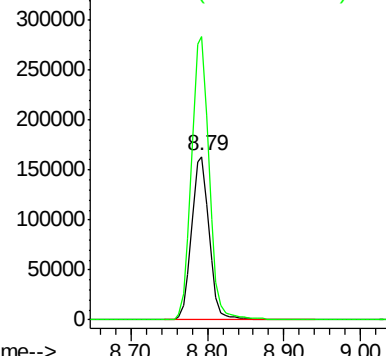
92 100

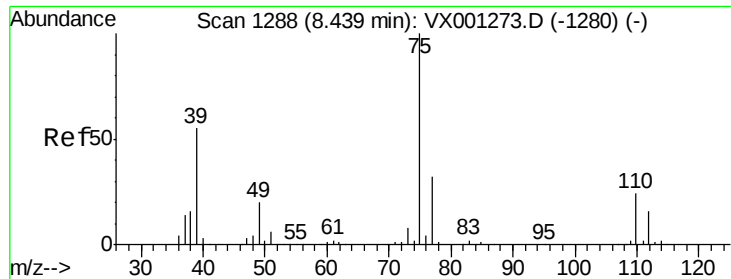
91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.97 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 148842

Ion Ratio Lower Upper

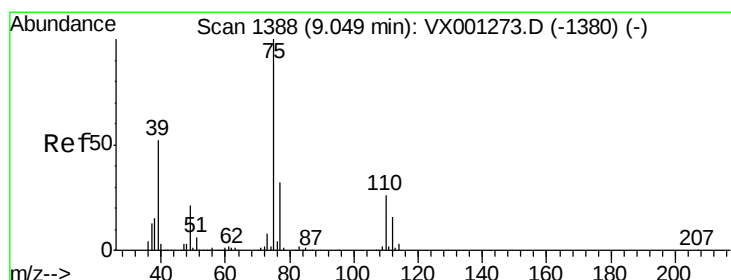
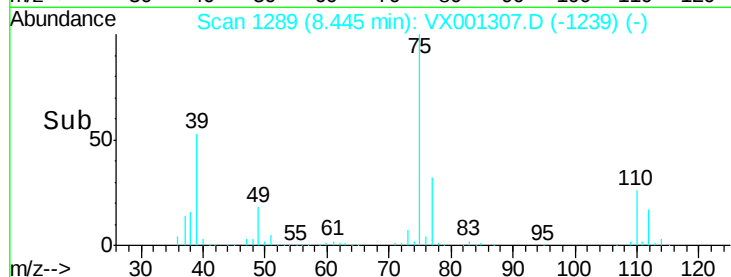
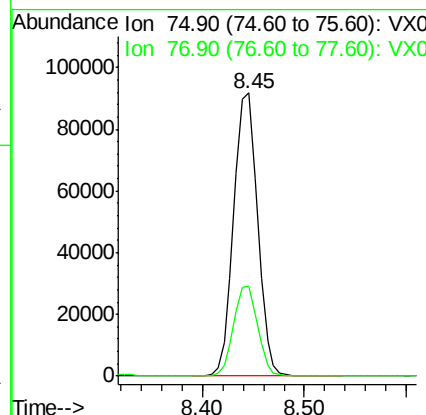
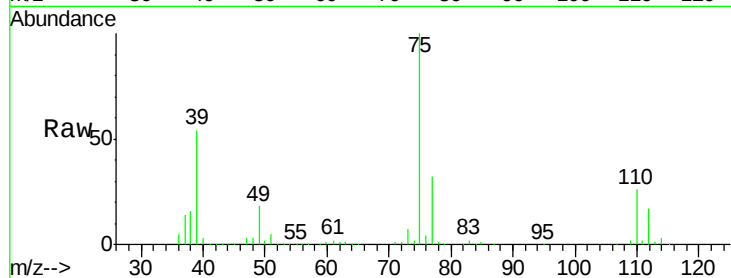
75 100

77 32.0 25.6 38.4

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 51.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

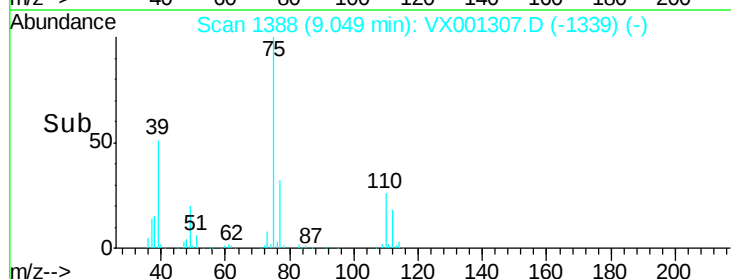
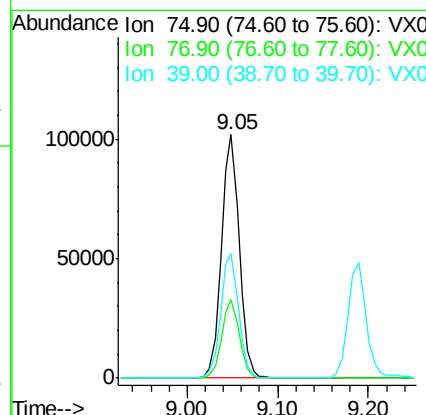
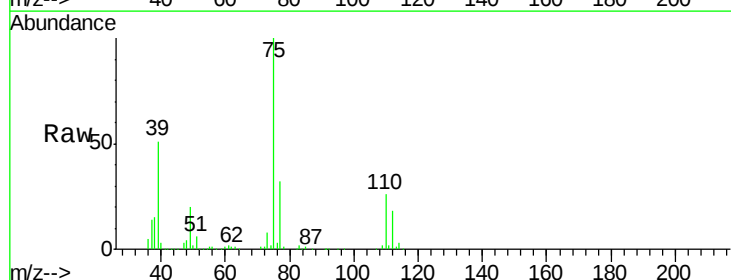
Tgt Ion: 75 Resp: 139926

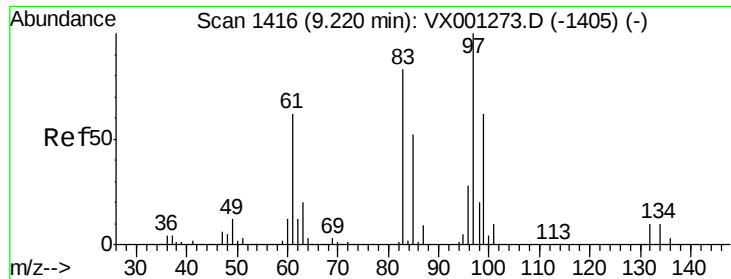
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 51.0 41.9 62.9





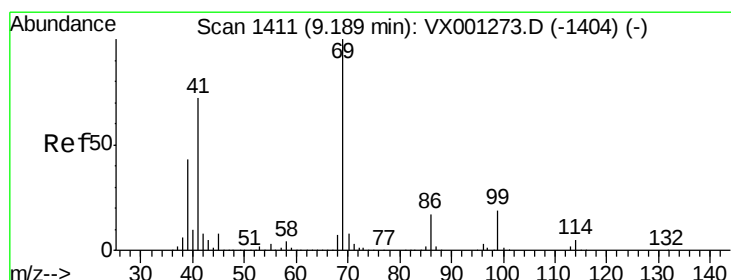
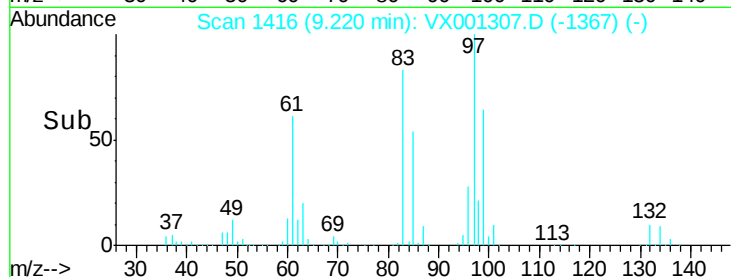
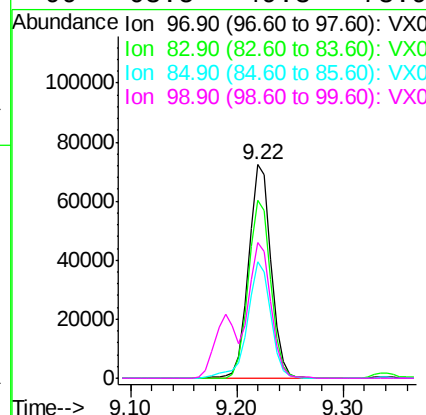
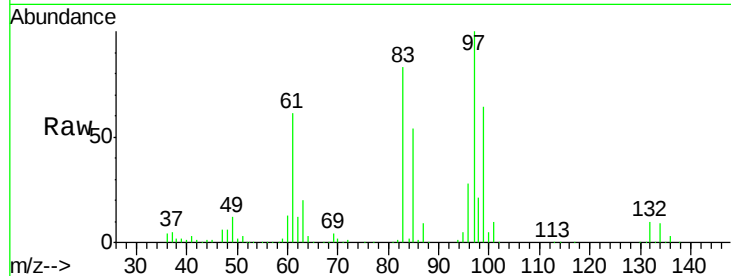
#55
 1,1,2-Trichloroethane
 Concen: 52.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	107234
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	54.4	41.6	62.4
99	63.5	49.3	73.9

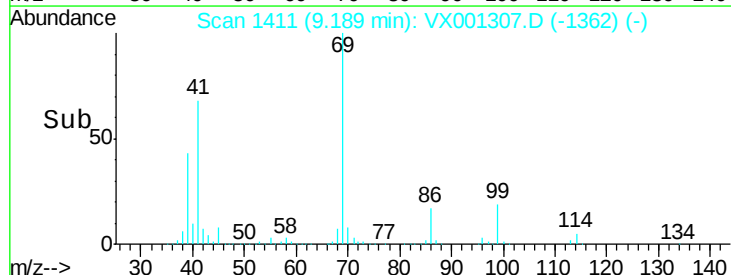
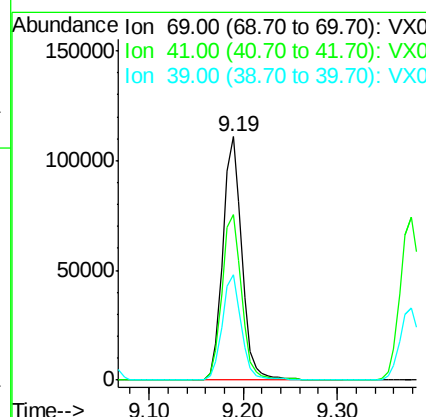
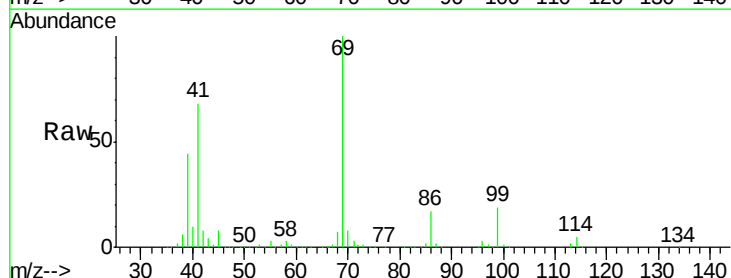
Manual Integrations
 APPROVED

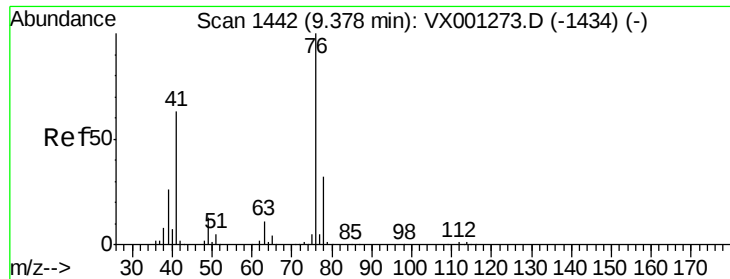
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#56
 Ethyl methacrylate
 Concen: 54.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	69	Resp	155847
Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.2	85.8
39	43.4	34.3	51.5





#57

1,3-Dichloropropane

Concen: 51.89 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 171487

Ion Ratio Lower Upper

76 100

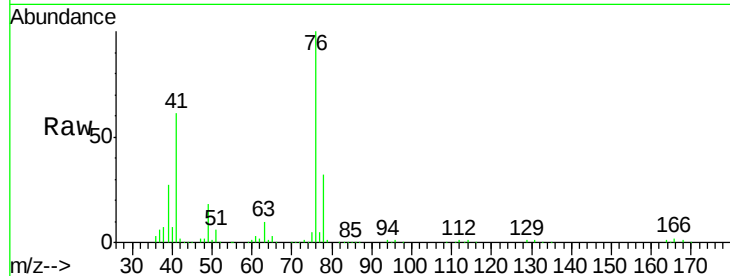
78 32.6 25.6 38.4

Manual Integrations

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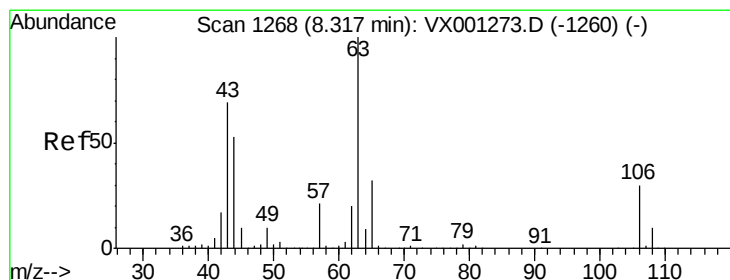
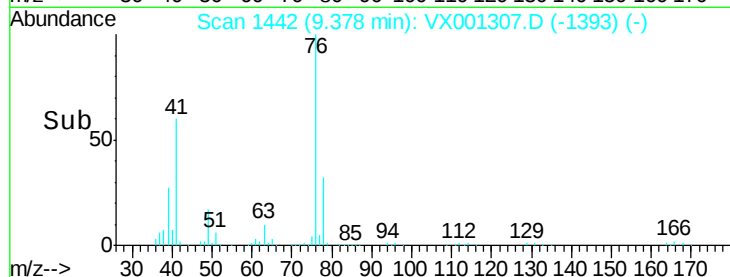
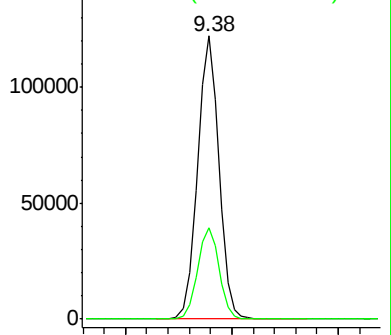
MMDadoda

5/2/2018 4:20:58 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.09 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001307.D

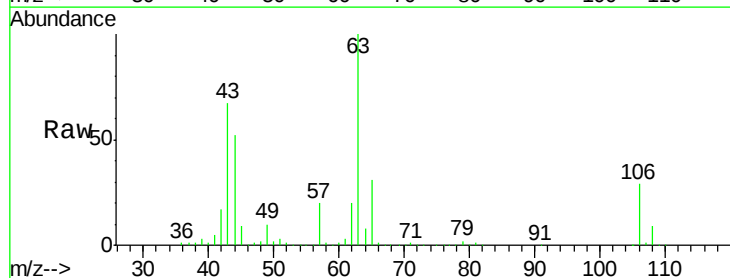
Acq: 02 May 2018 05:13

Tgt Ion: 63 Resp: 372358

Ion Ratio Lower Upper

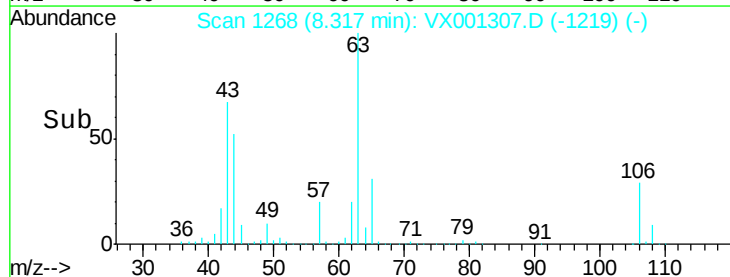
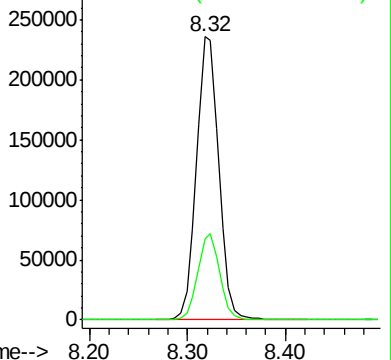
63 100

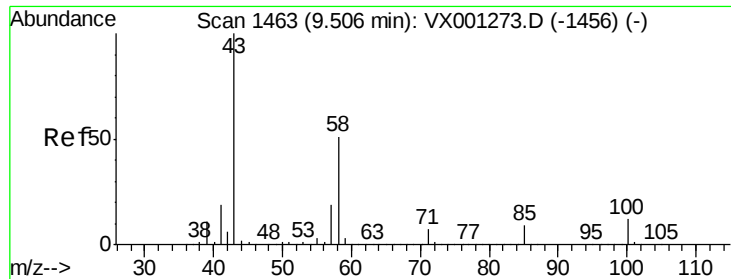
106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





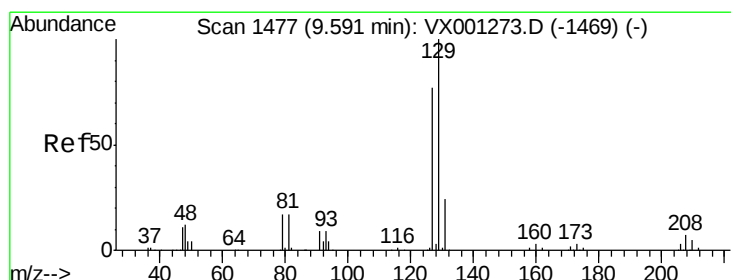
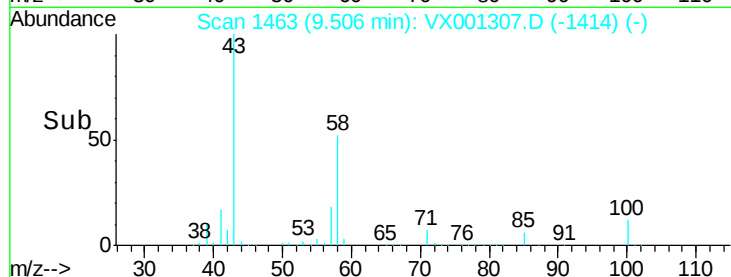
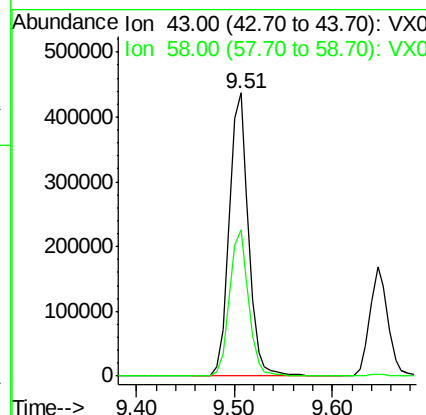
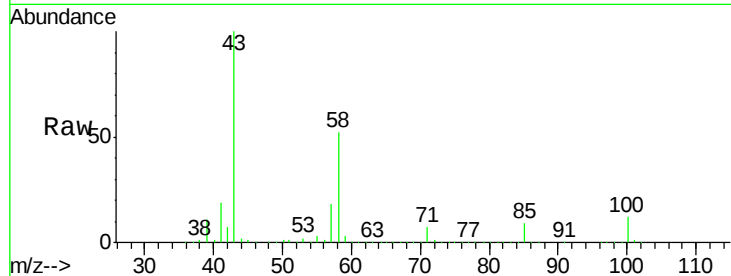
#59
2-Hexanone
Concen: 266.86 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 594619
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0

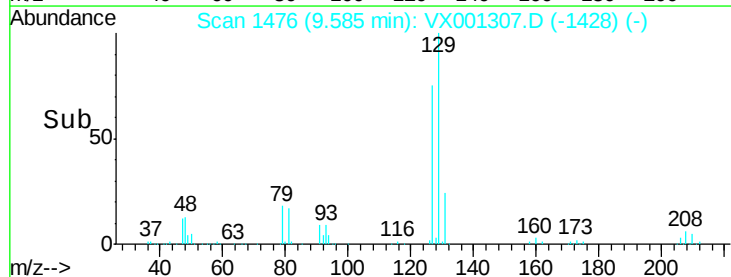
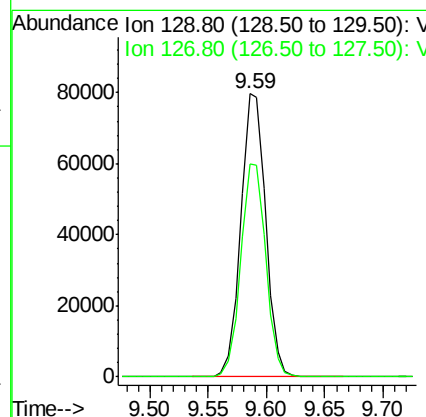
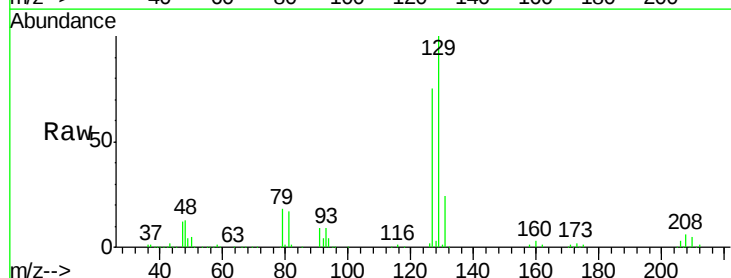
Manual Integrations
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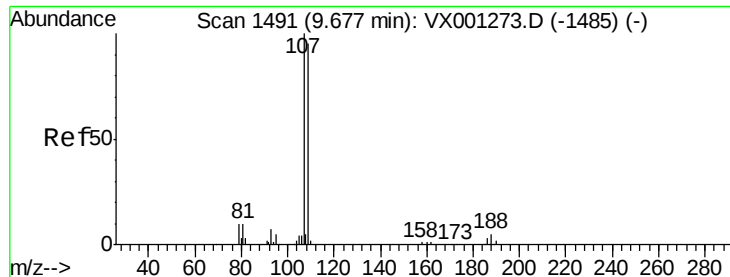
MMDadoda
5/2/2018 4:20:58 PM



#60
Dibromochloromethane
Concen: 55.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 129 Resp: 118894
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.3





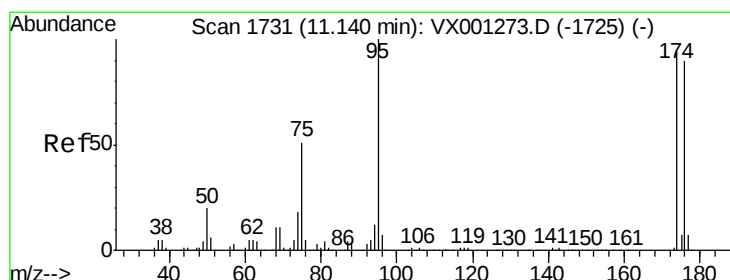
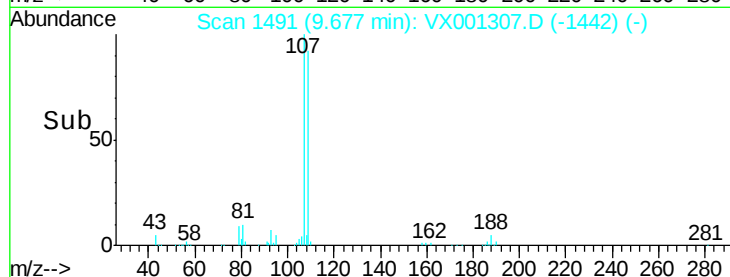
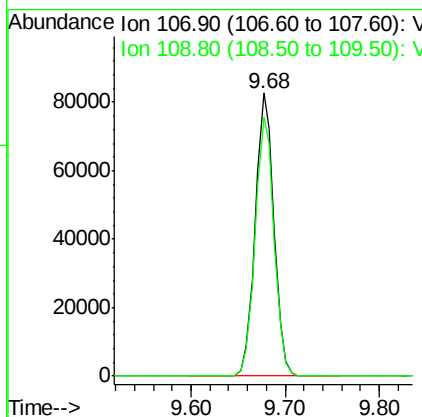
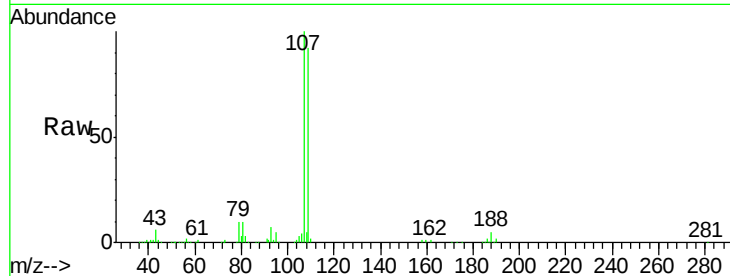
#61
 1,2-Dibromoethane
 Concen: 53.40 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.4	113.2

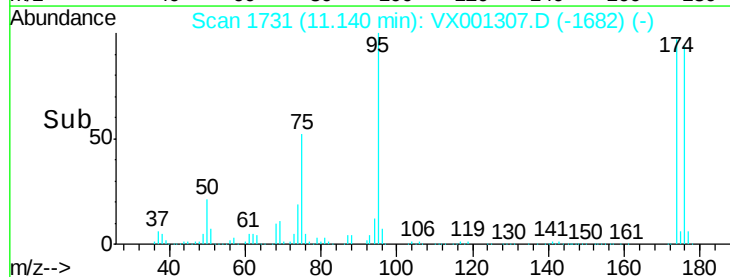
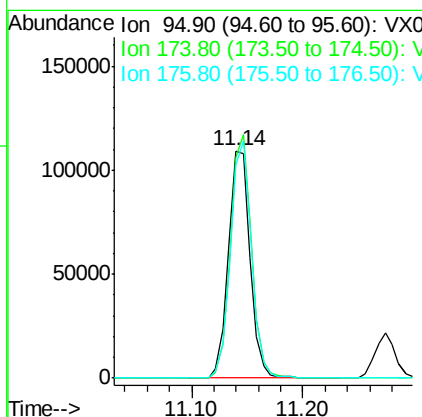
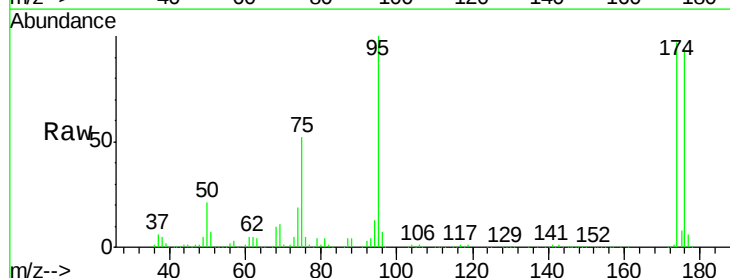
Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:58 PM



#62
 4-Bromofluorobenzene
 Concen: 51.21 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	103.4	0.0	201.8
176	100.4	0.0	197.2





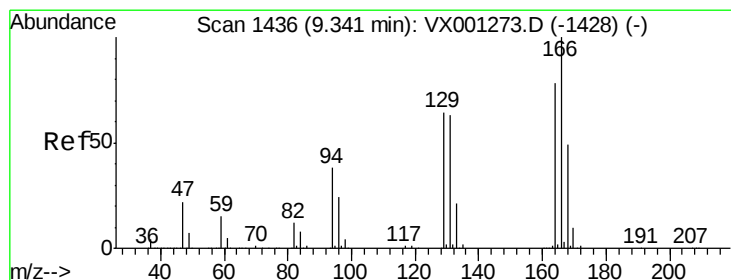
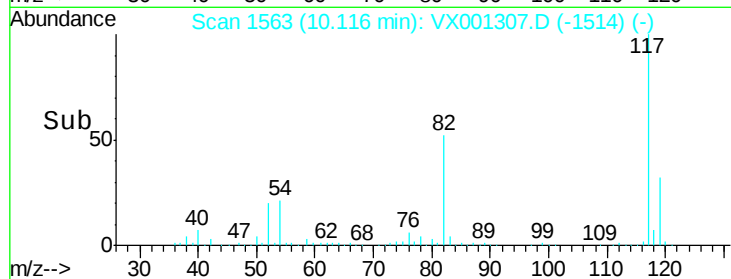
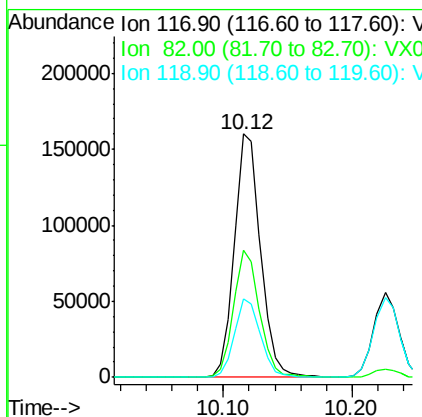
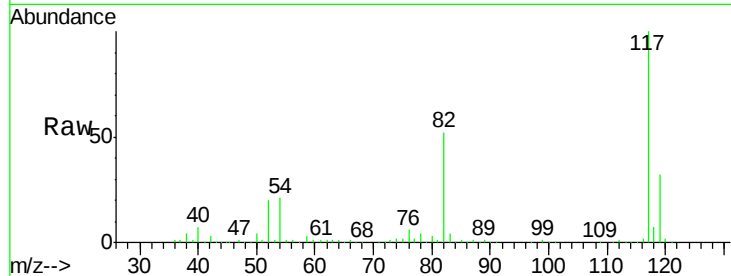
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.0
119	32.1	25.5	38.3

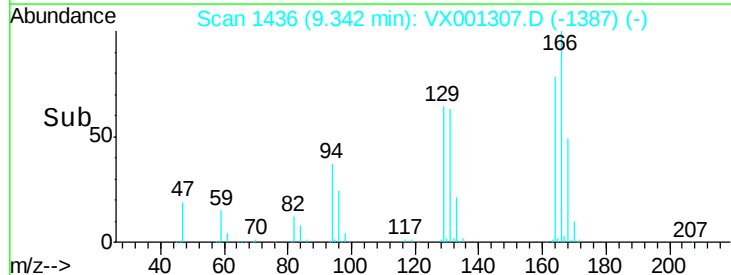
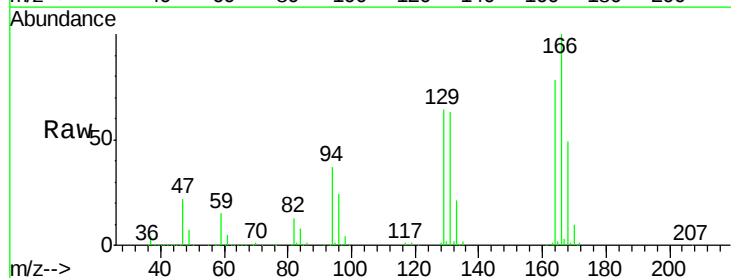
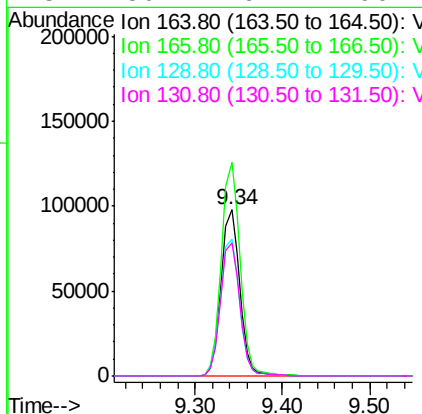
Manual Integrations
APPROVED

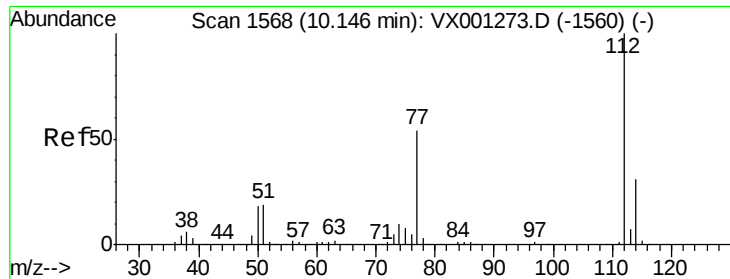
MMDadoda
5/2/2018 4:20:58 PM



#64
Tetrachloroethene
Concen: 53.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.3	153.5
129	82.4	65.1	97.7
131	80.4	64.2	96.4





#65

Chlorobenzene

Concen: 49.73 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 307724

Ion Ratio Lower Upper

112 100

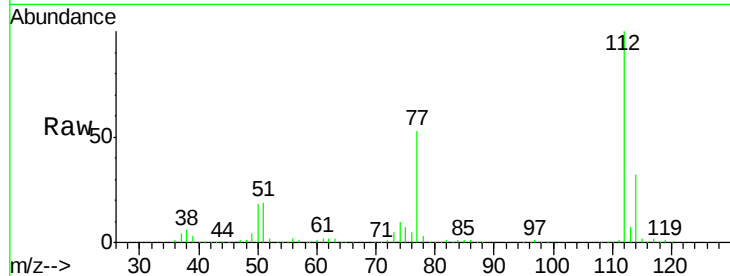
114 32.0 24.8 37.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

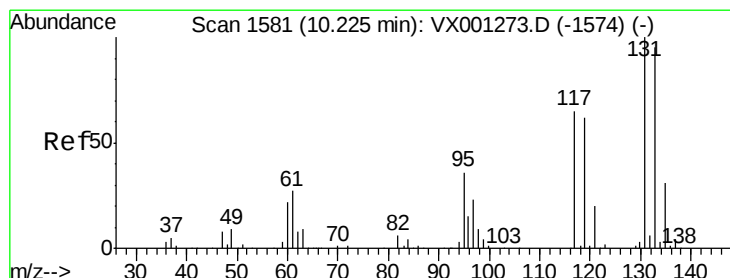
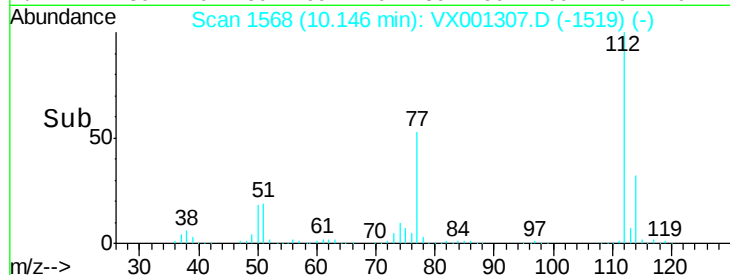
100000

50000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.26 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

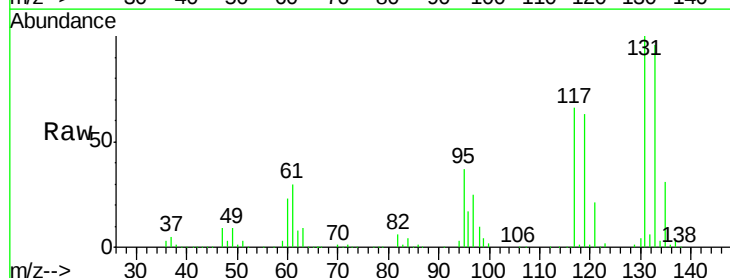
Tgt Ion:131 Resp: 114385

Ion Ratio Lower Upper

131 100

133 95.9 48.3 144.9

119 63.2 31.2 93.6



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

100000

80000

60000

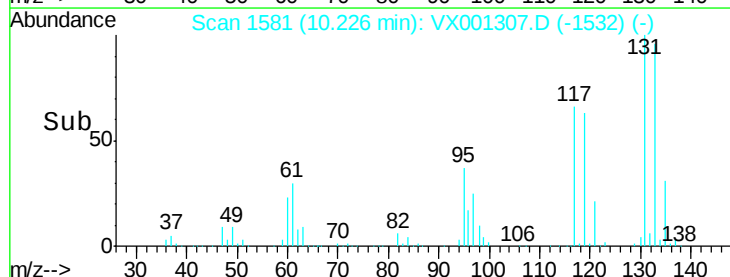
40000

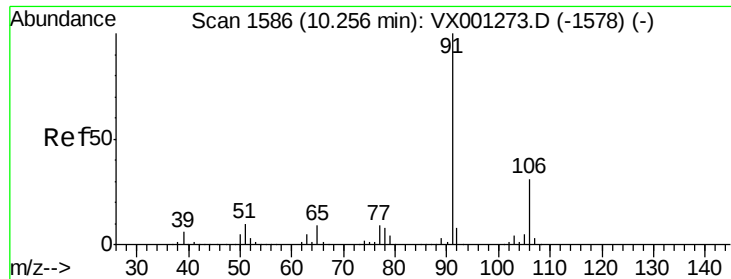
20000

0

10.15 10.20 10.25 10.30

Time-->





#67

Ethyl Benzene

Concen: 50.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 512117

Ion Ratio Lower Upper

91 100

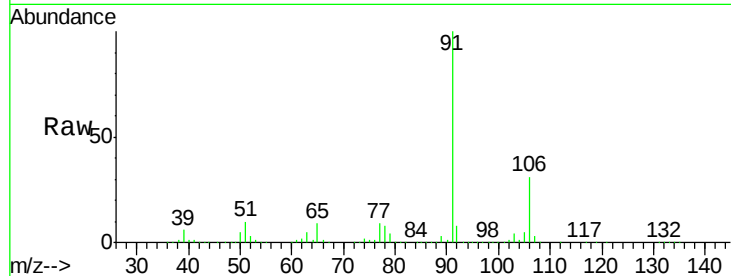
106 31.4 24.9 37.3

Manual Integrations

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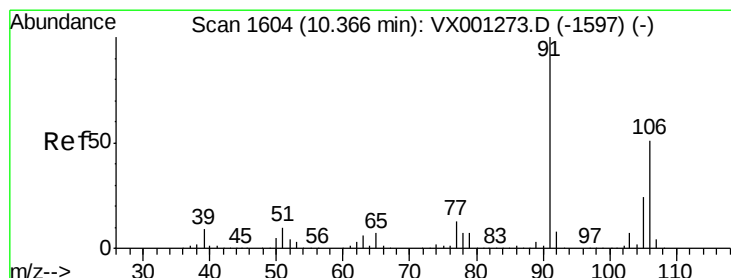
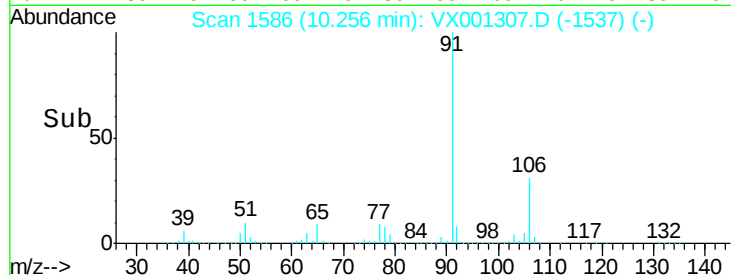
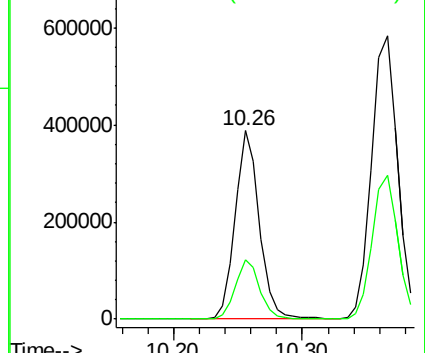
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.83 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001307.D

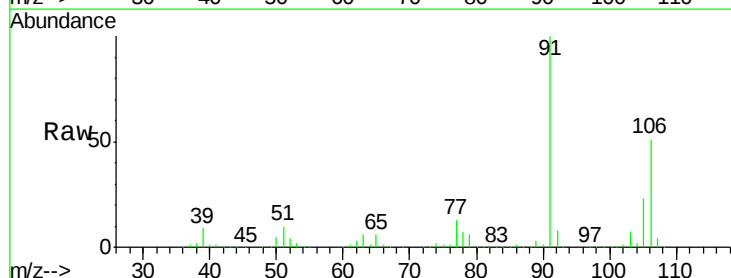
Acq: 02 May 2018 05:13

Tgt Ion: 106 Resp: 412538

Ion Ratio Lower Upper

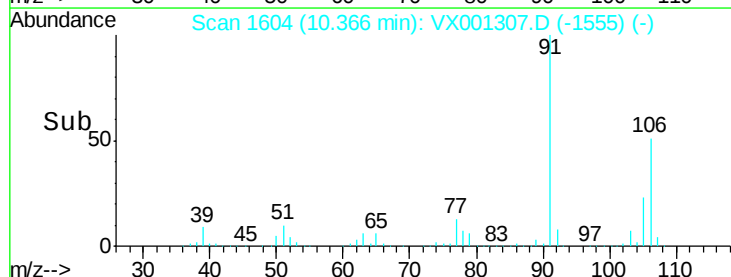
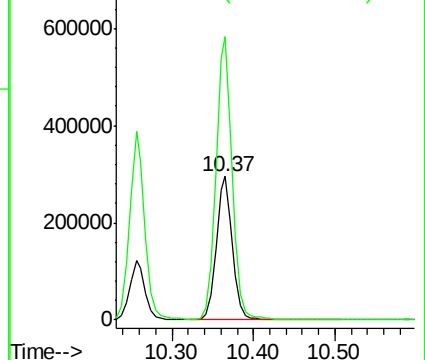
106 100

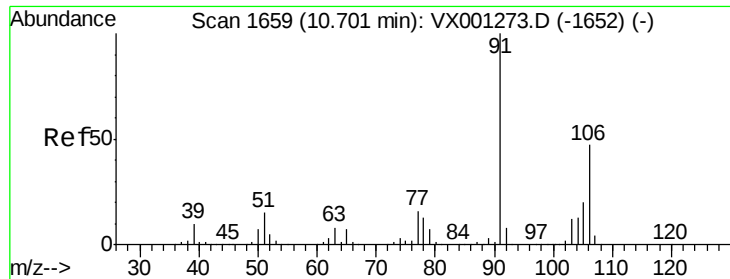
91 199.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





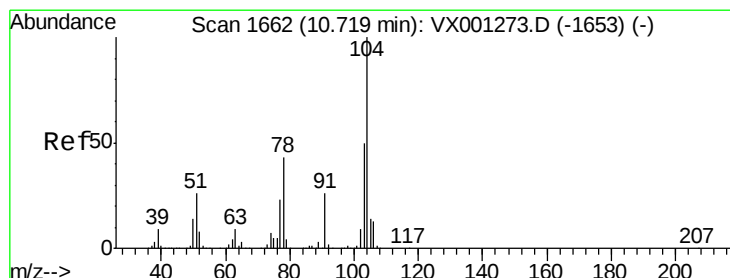
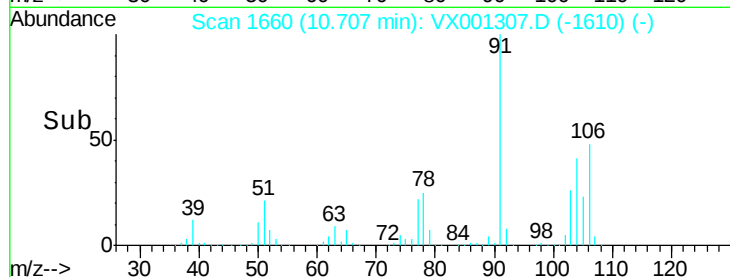
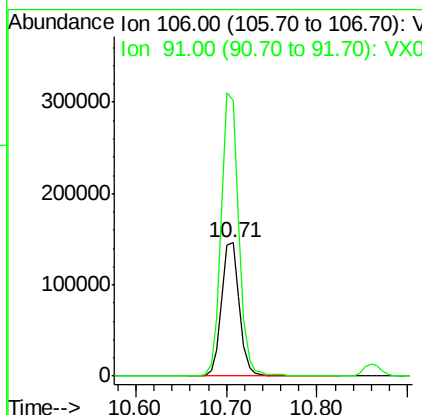
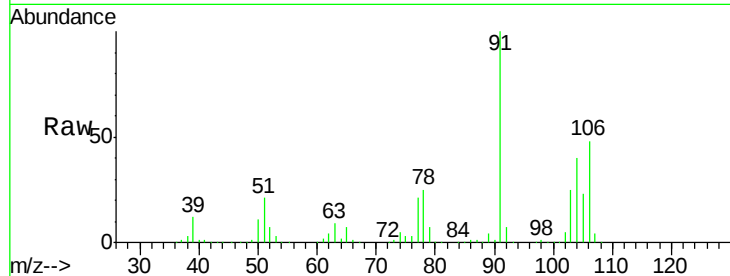
#69
o-Xylene
Concen: 51.66 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	106.3	319.0

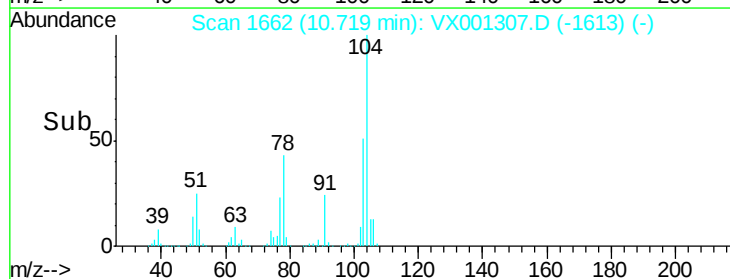
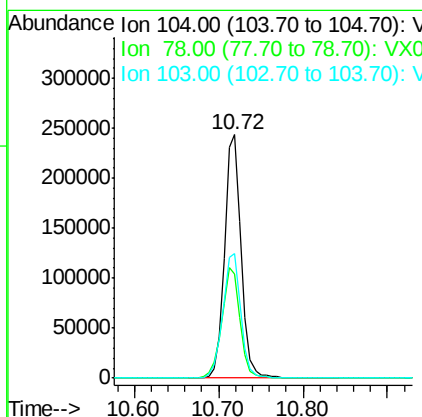
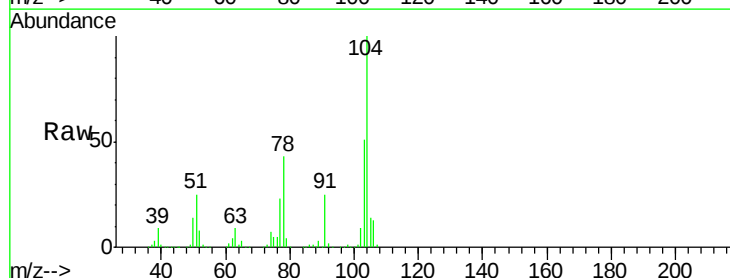
Manual Integrations
APPROVED

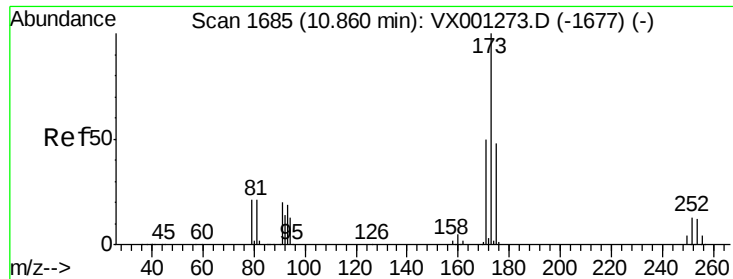
MMDadoda
5/2/2018 4:20:58 PM



#70
Styrene
Concen: 51.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.1	60.1
103	56.1	44.5	66.7





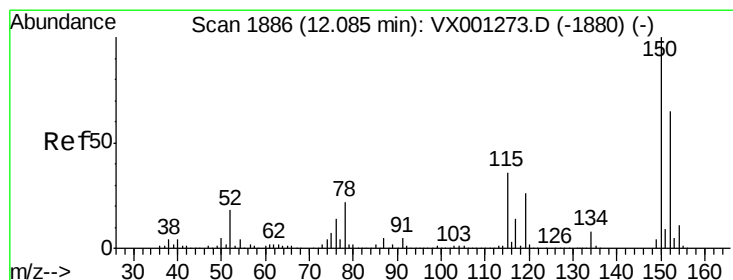
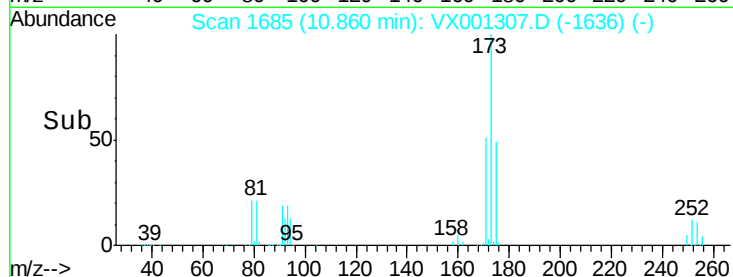
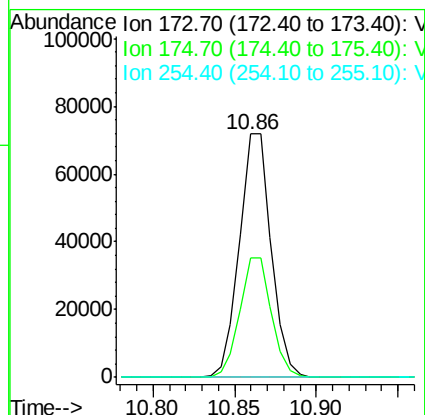
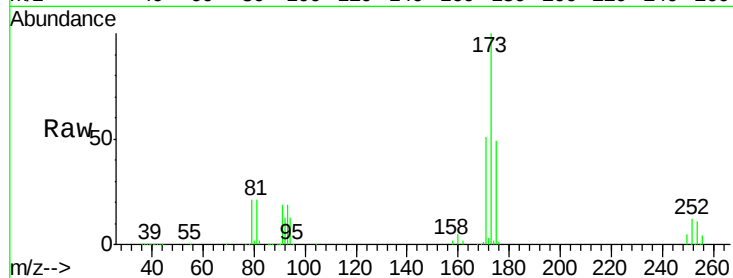
#71
Bromoform
Concen: 47.29 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	74.0
254	0.3	0.2	0.2#

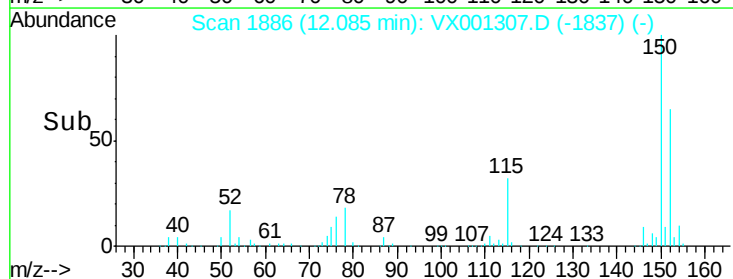
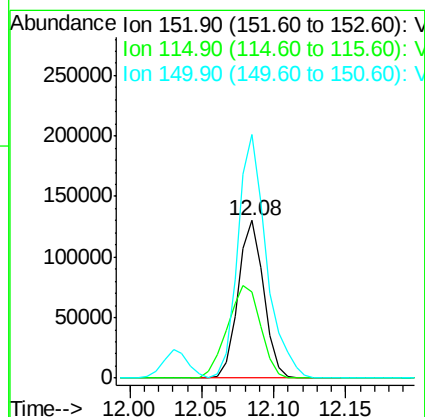
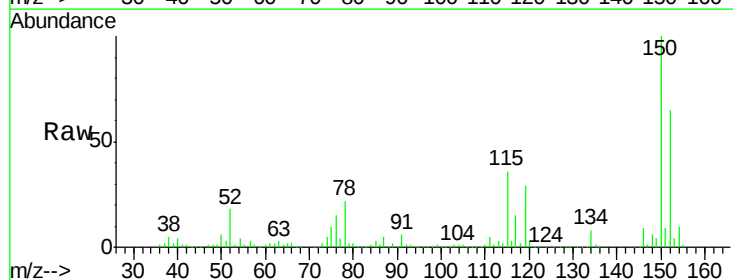
Manual Integrations
APPROVED

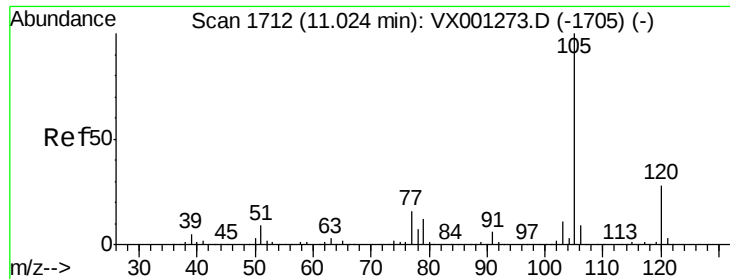
MMDadoda
5/2/2018 4:20:58 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.2	38.6	115.7
150	173.1	0.0	349.2





#73

Isopropylbenzene

Concen: 49.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 536159

Ion Ratio Lower Upper

105 100

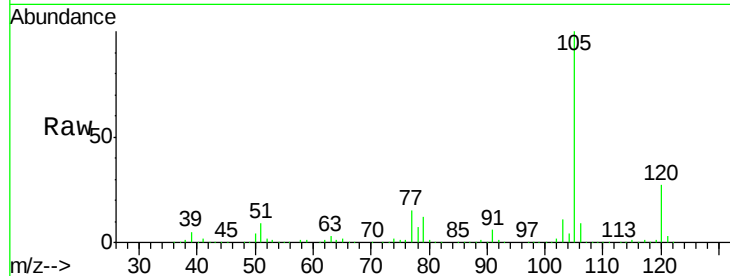
120 27.4 13.7 41.1

Manual Integrations

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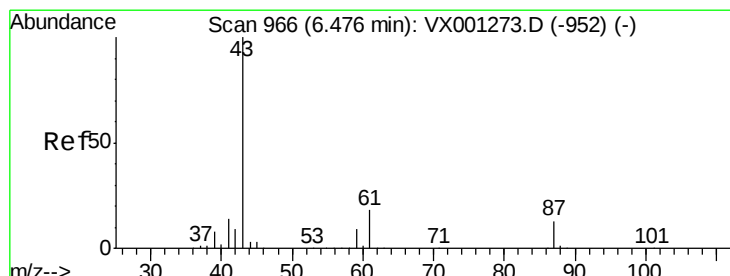
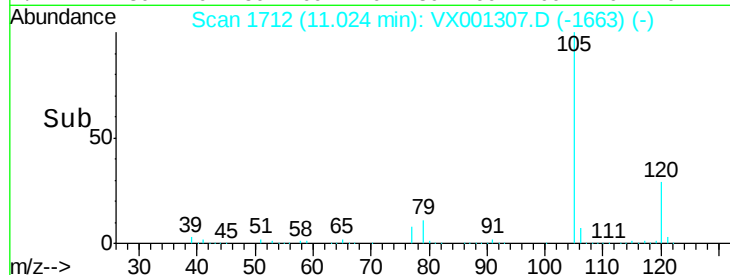
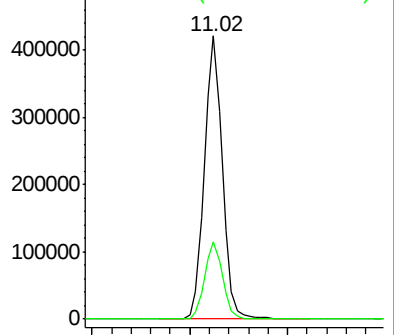
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion: 43 Resp: 229918

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

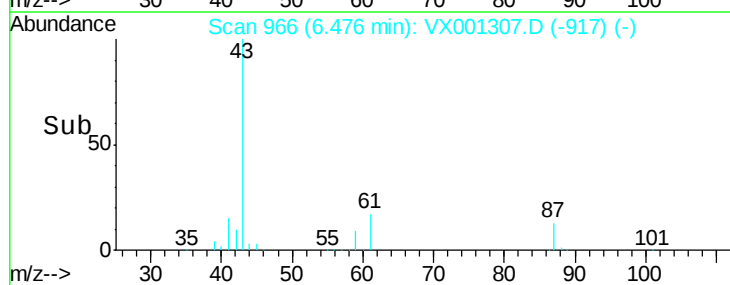
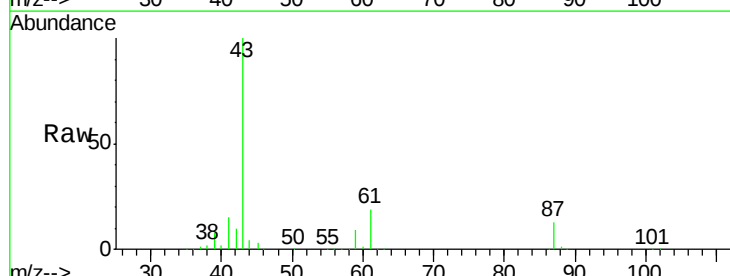
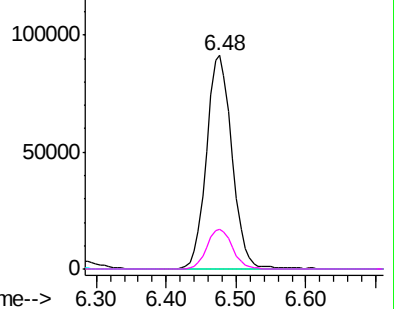
61 18.7 15.0 22.4

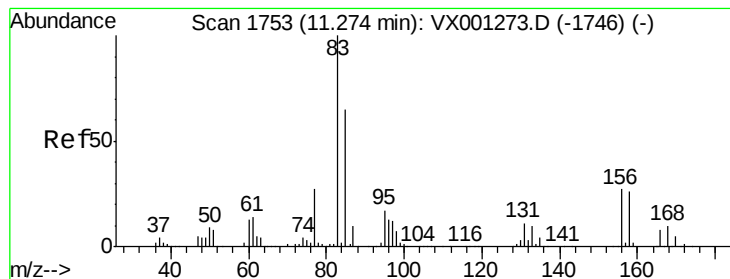
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

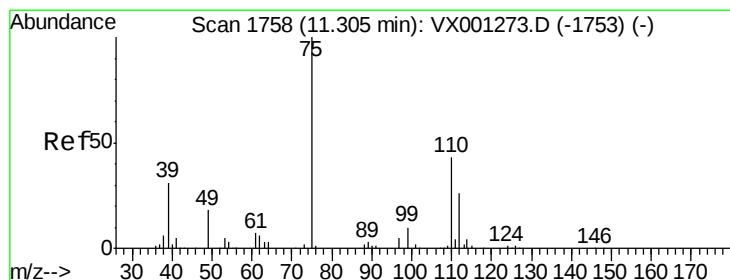
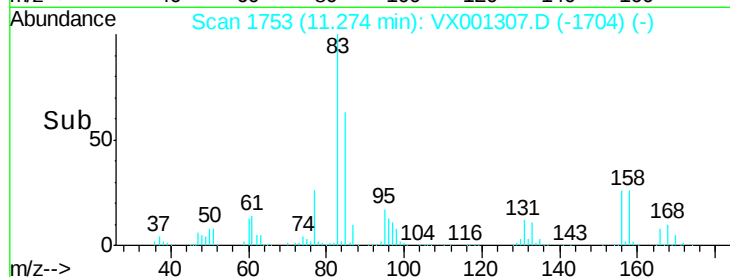
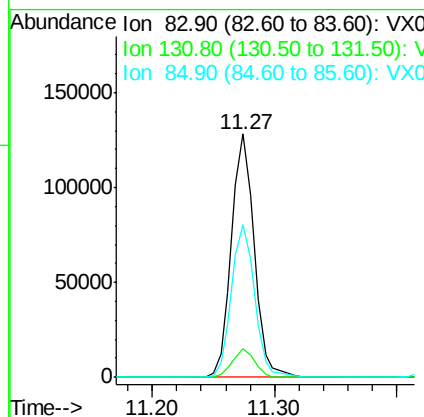
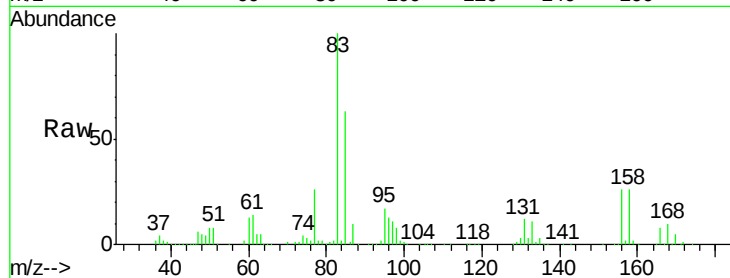
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163999
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.8	17.3
85	64.0	32.6	97.7

Manual Integrations
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5/2/2018 4:20:58 PM



#76

1,2,3-Trichloropropane

Concen: 51.71 ug/l m

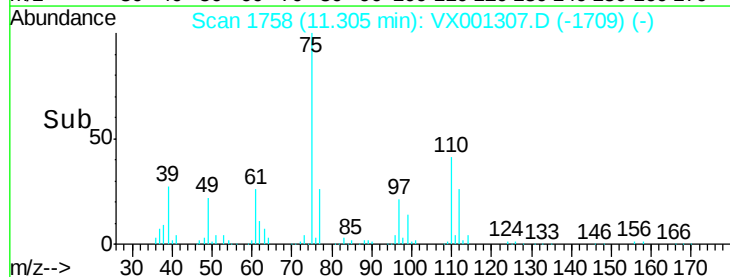
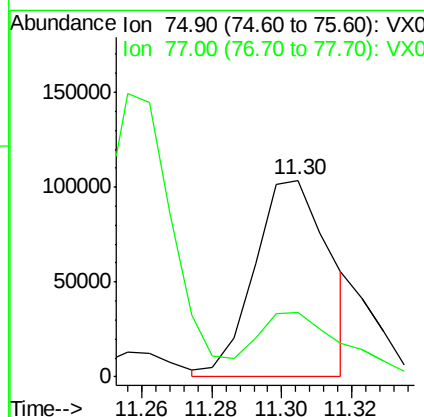
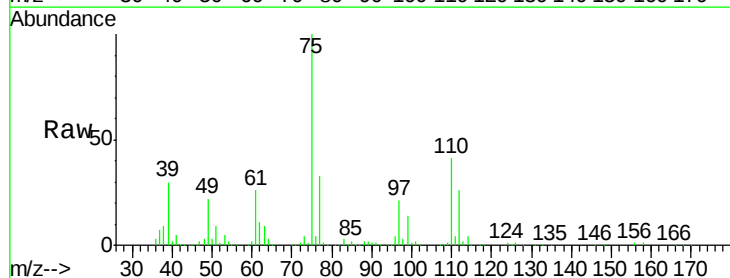
RT: 11.30 min Scan# 1758

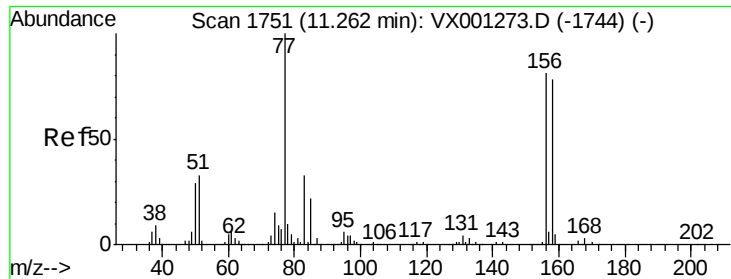
Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	75	Resp:	153985
Ion	Ratio	Lower	Upper
75	100		
77	37.2	18.9	56.5





#77

Bromobenzene

Concen: 49.87 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

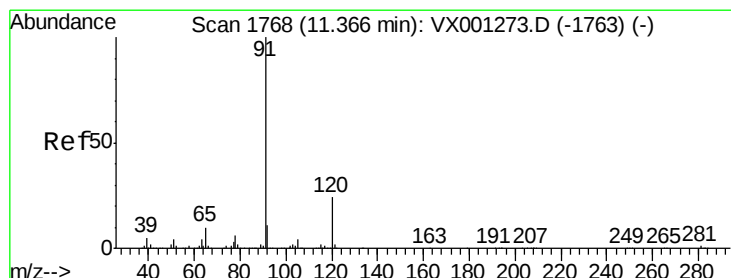
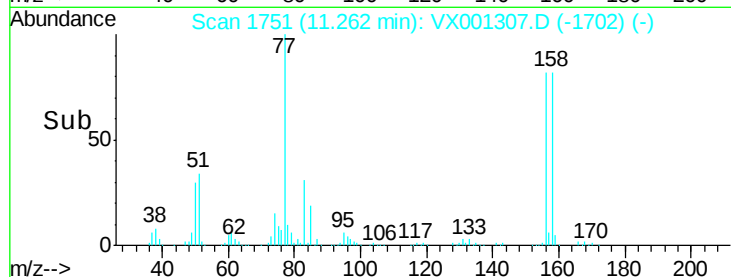
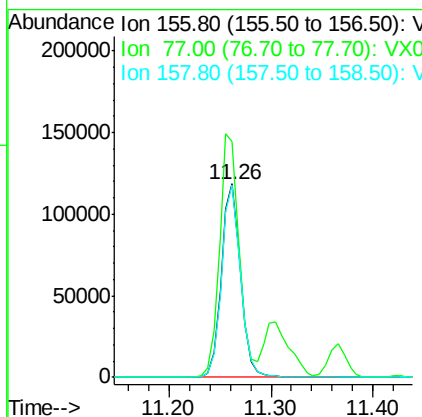
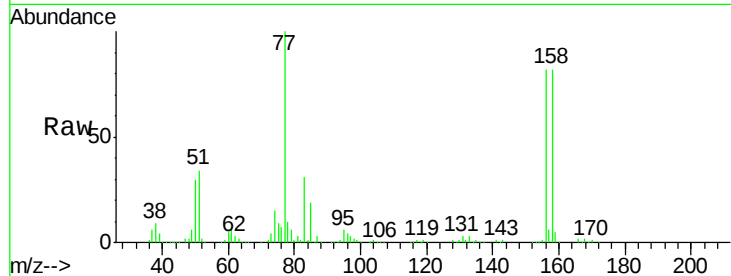
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	154937
Ion Ratio	Lower	Upper	
156	100		
77	130.8	65.3	195.8
158	98.6	48.5	145.5

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#78

n-propylbenzene

Concen: 50.19 ug/l

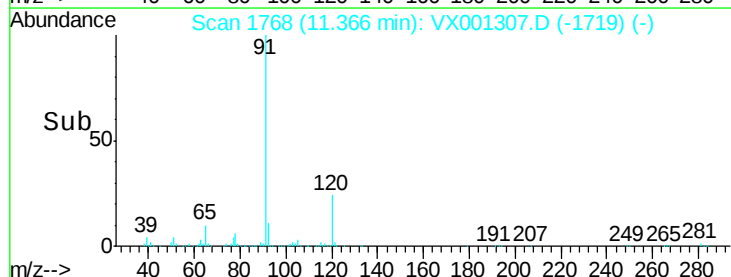
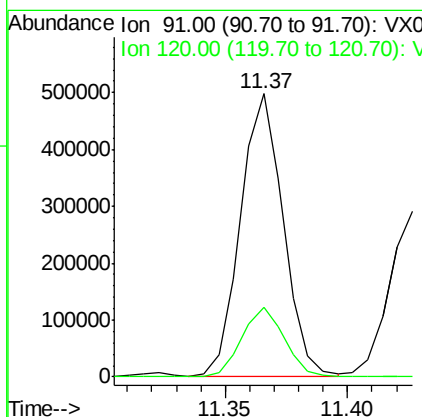
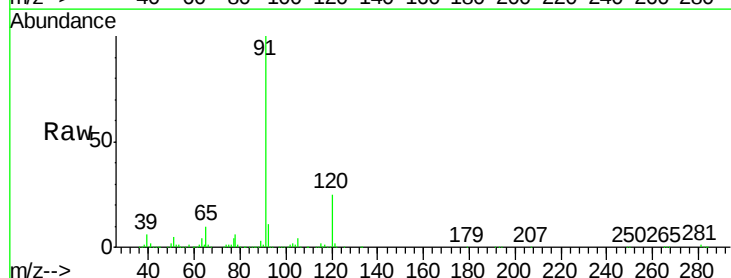
RT: 11.37 min Scan# 1768

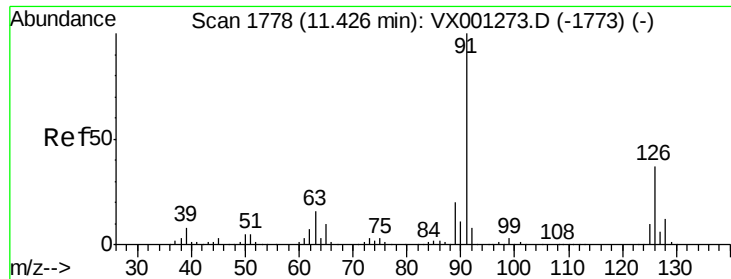
Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	91	Resp:	600889
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.8





#79

2-Chlorotoluene

Concen: 49.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 357941

Ion Ratio Lower Upper

91 100

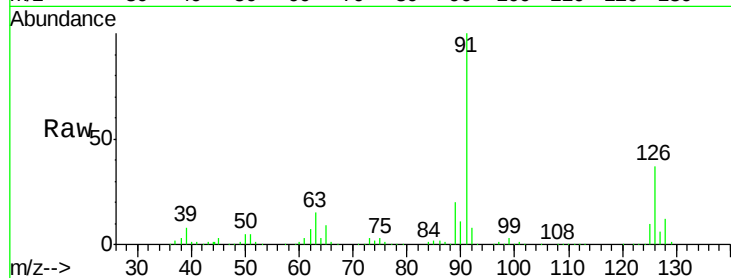
126 37.3 18.4 55.4

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Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001273.D (-1773) (-)

500000

400000

300000

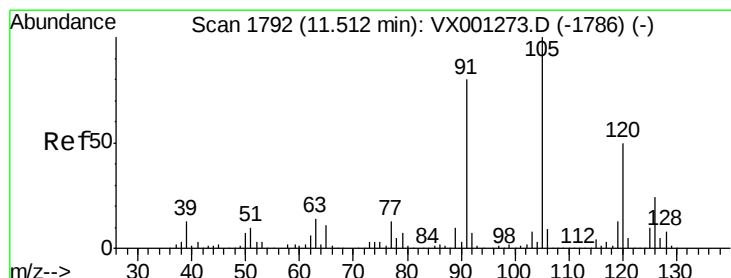
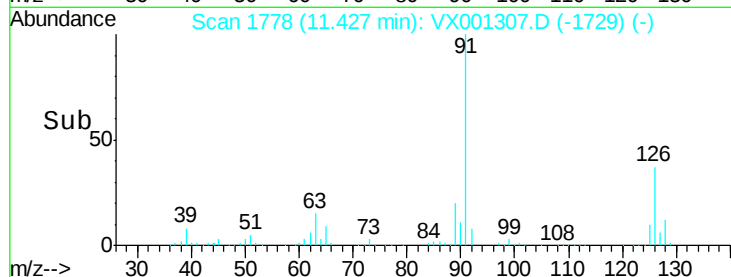
200000

100000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001307.D

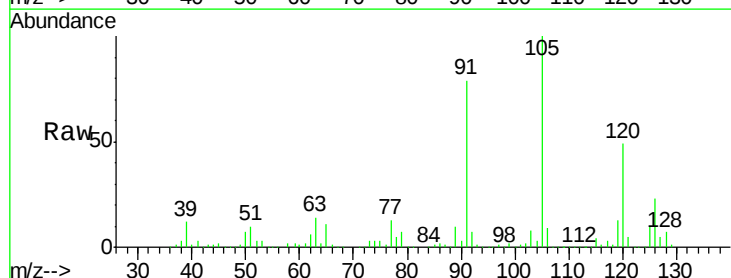
Acq: 02 May 2018 05:13

Tgt Ion: 105 Resp: 464932

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001273.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001273.D (-1786) (-)

400000

300000

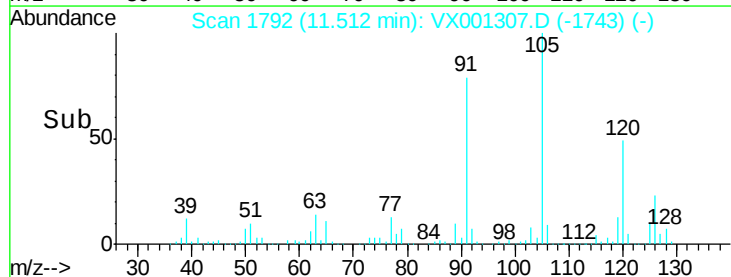
200000

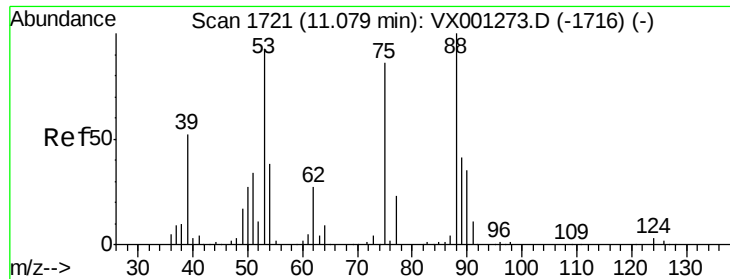
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.22 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

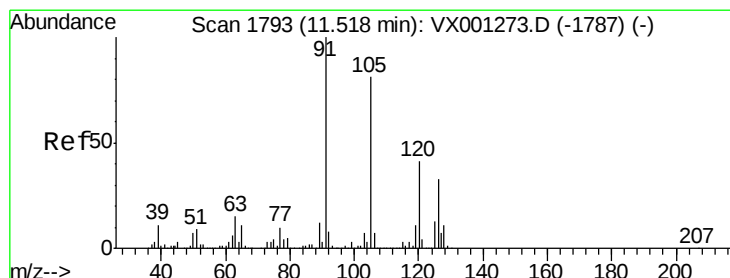
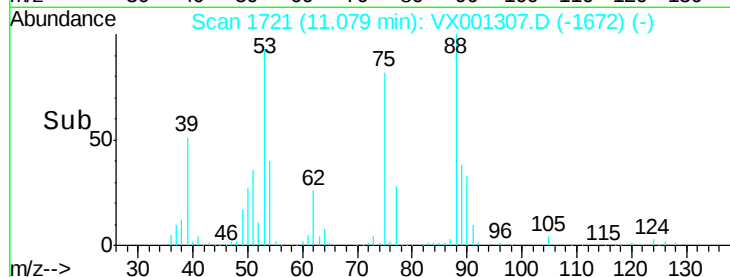
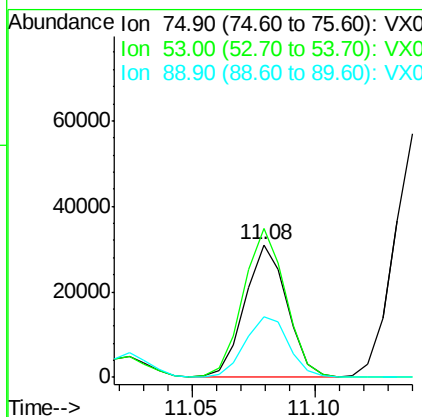
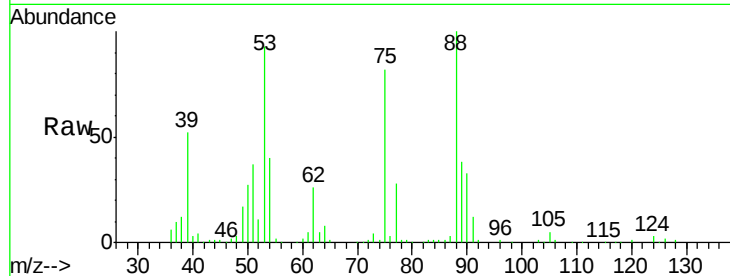
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	36974
Ion	Ratio	Lower	Upper
75	100		
53	114.8	87.1	130.7
89	48.1	38.9	58.3

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#82

4-Chlorotoluene

Concen: 49.58 ug/l

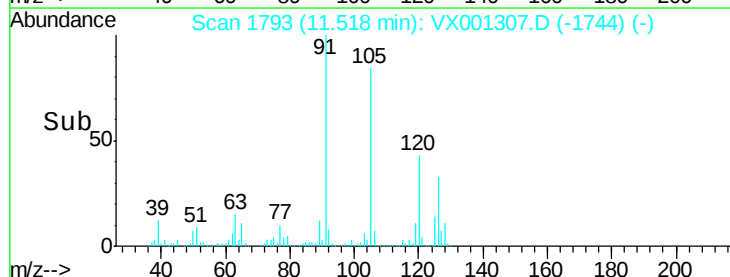
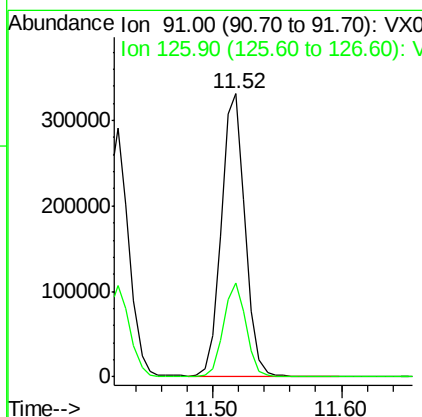
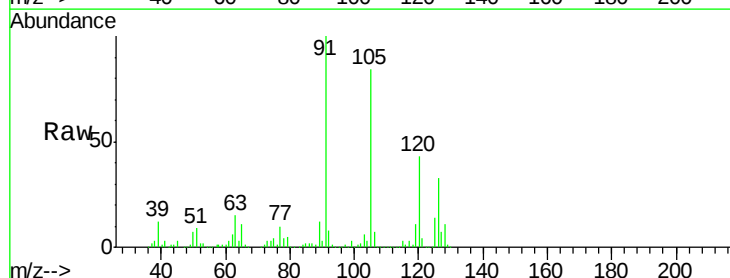
RT: 11.52 min Scan# 1793

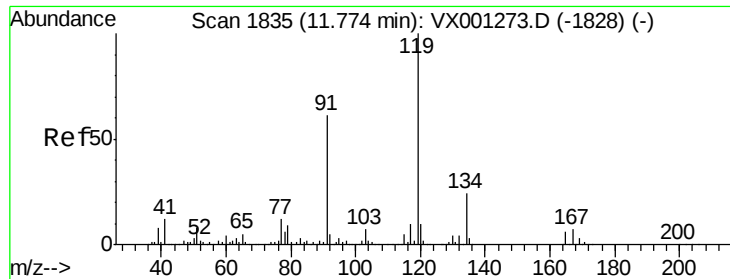
Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion:	91	Resp:	430753
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.2





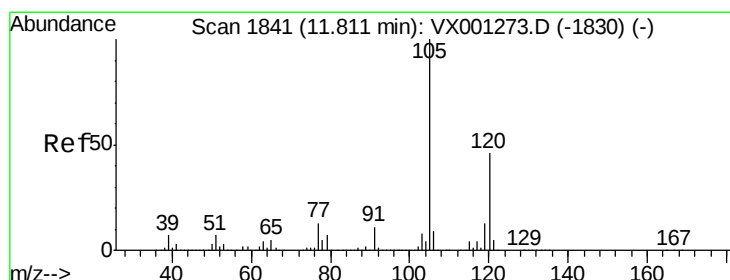
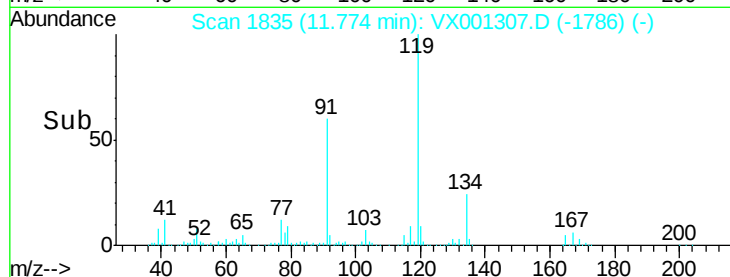
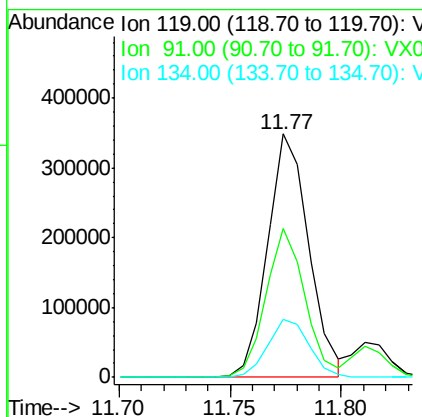
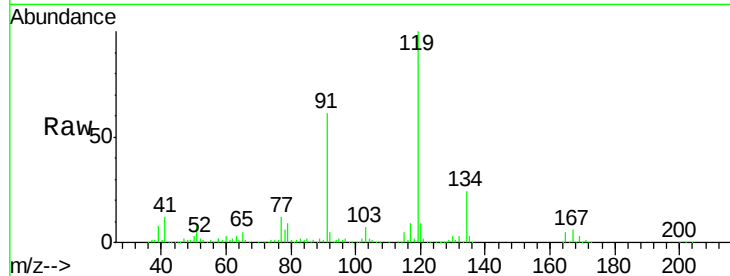
#83
 tert-Butylbenzene
 Concen: 49.64 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.1	84.3
134	24.1	11.8	35.3

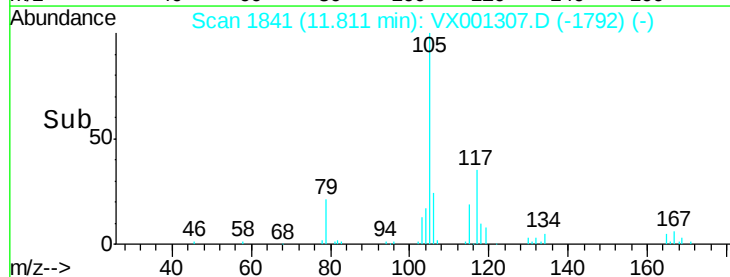
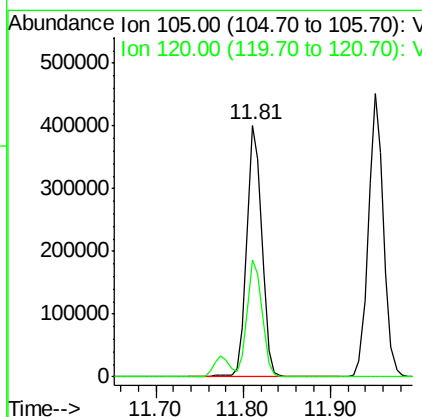
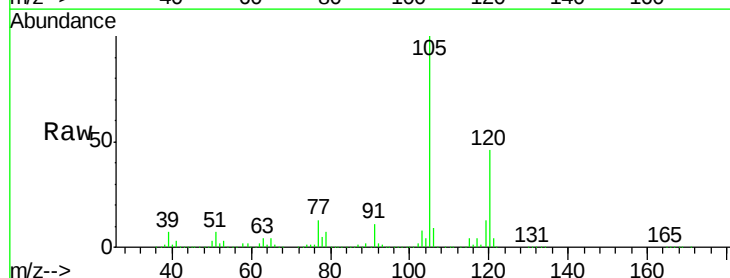
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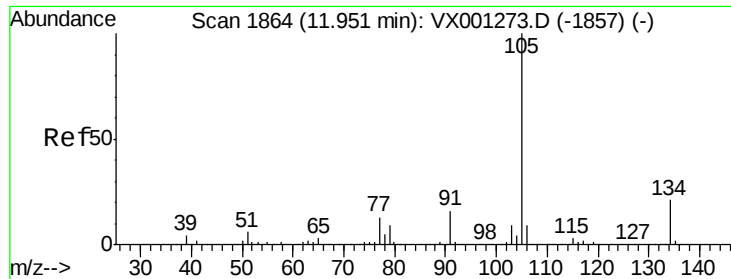
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.50 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 50.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 547360

Ion Ratio Lower Upper

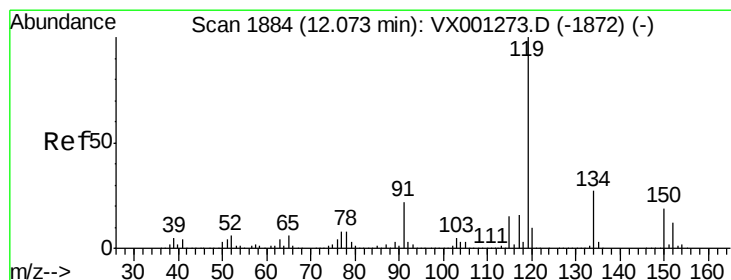
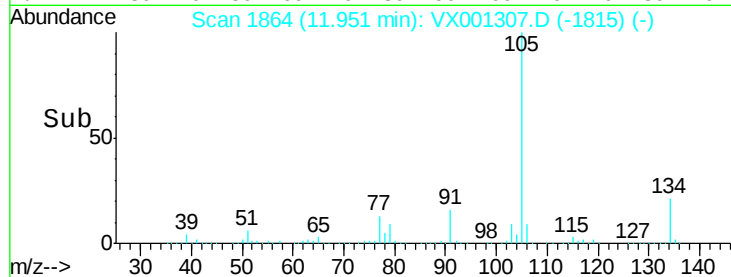
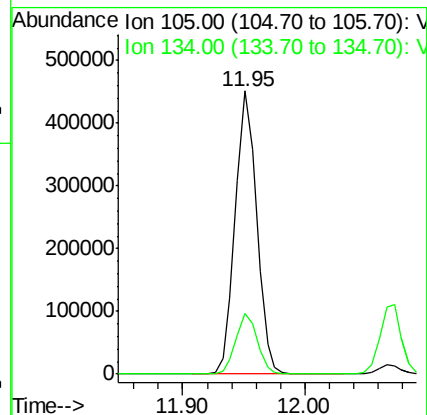
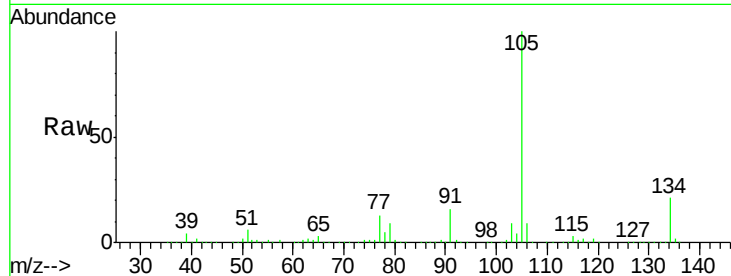
105 100

134 21.4 10.7 31.9

Manual Integrations
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5/2/2018 4:20:58 PM



#86

p-Isopropyltoluene

Concen: 51.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

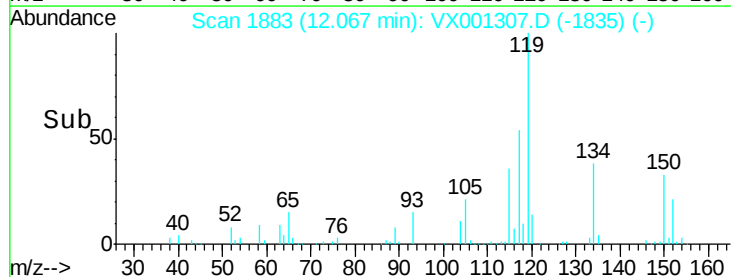
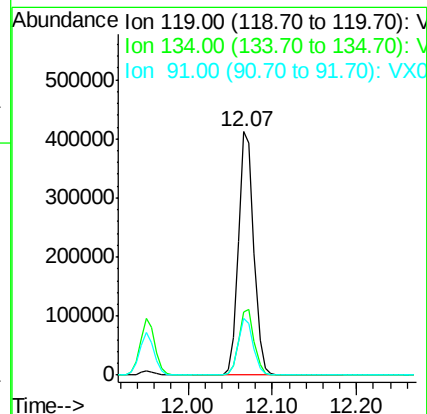
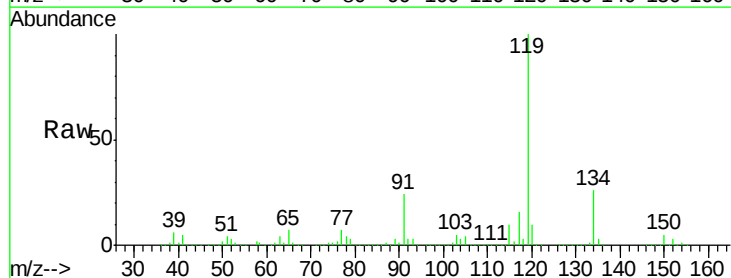
Tgt Ion:119 Resp: 508184

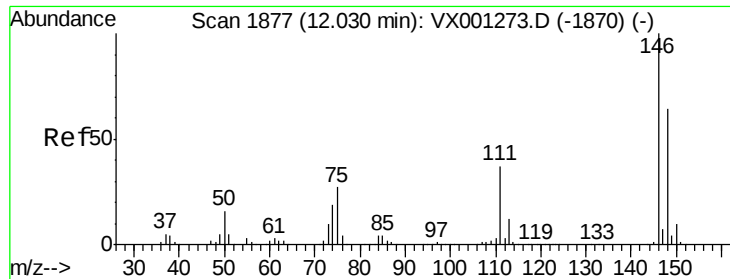
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 23.1 11.7 35.1





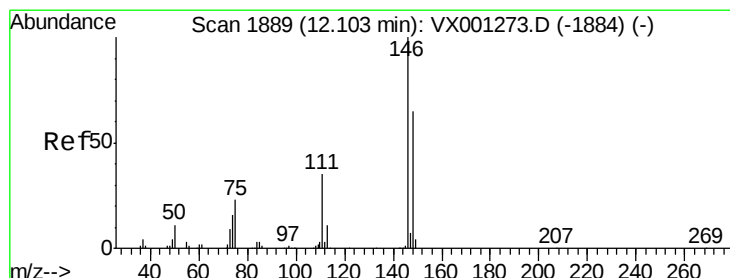
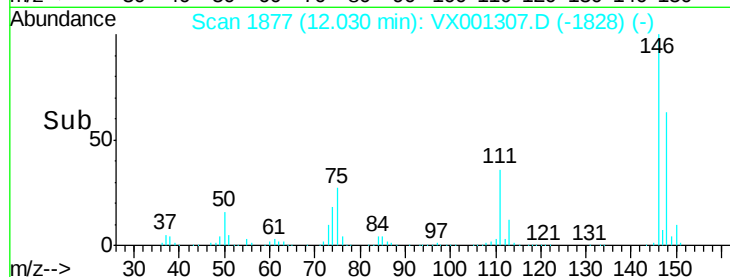
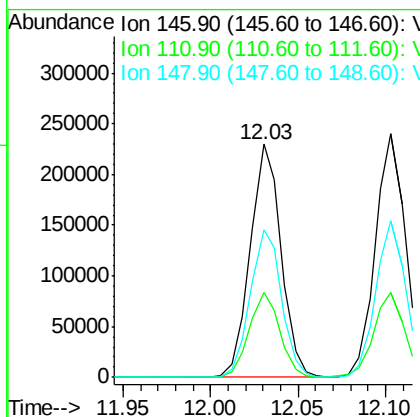
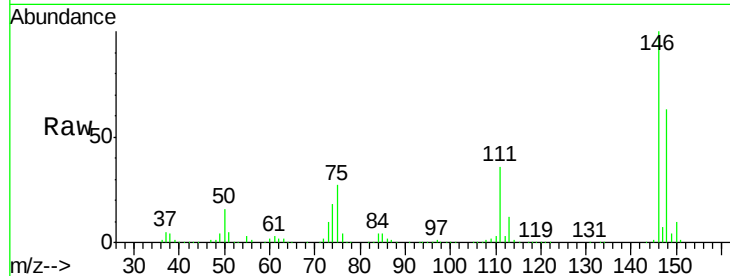
#87
 1,3-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.4	55.2
148	64.1	32.2	96.6

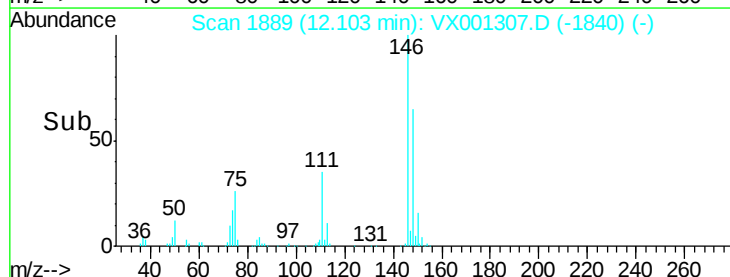
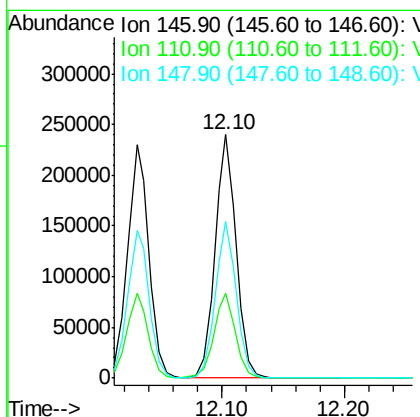
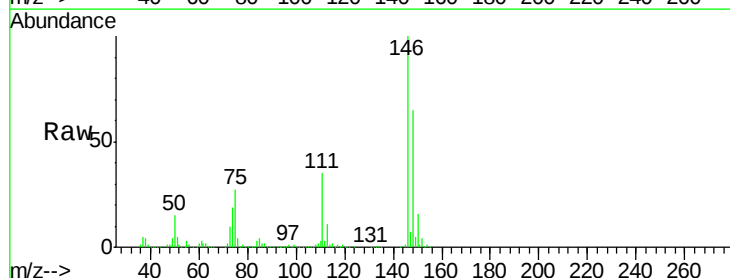
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 48.18 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.9	53.7
148	64.4	32.3	96.8





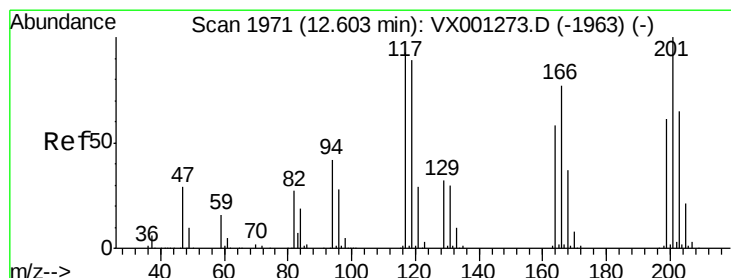
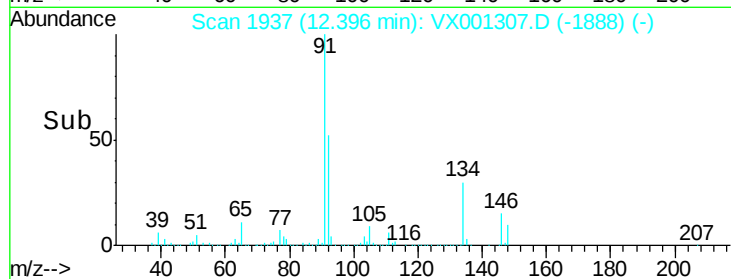
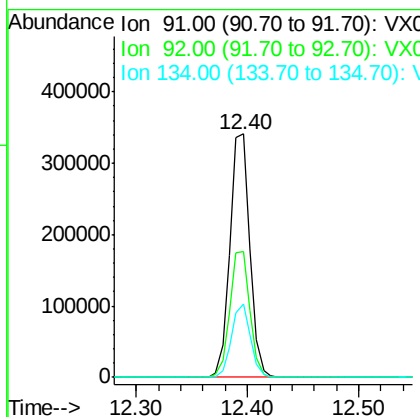
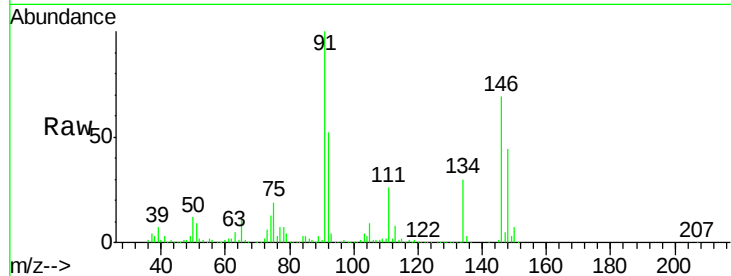
#89
n-Butylbenzene
Concen: 48.59 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	28.6	14.0	42.0

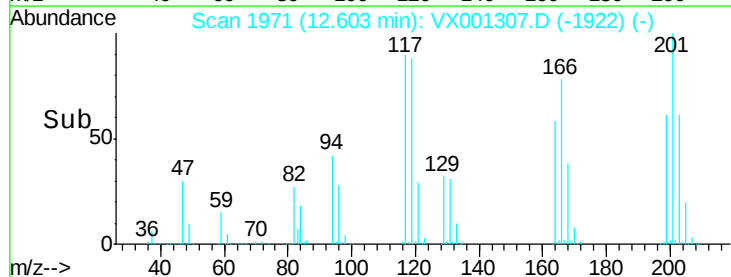
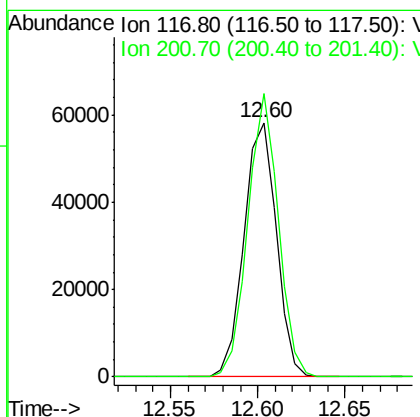
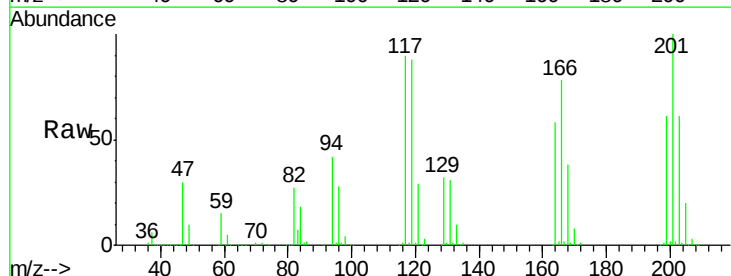
Manual Integrations
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#90
Hexachloroethane
Concen: 52.52 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.8	51.6	154.8





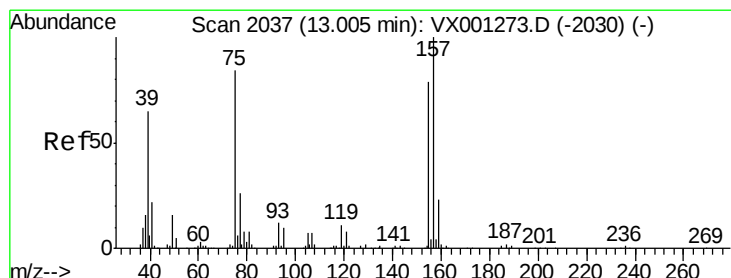
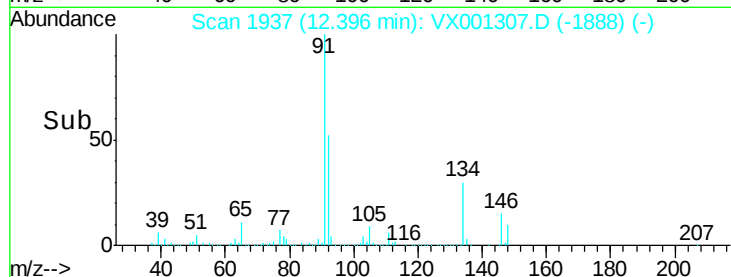
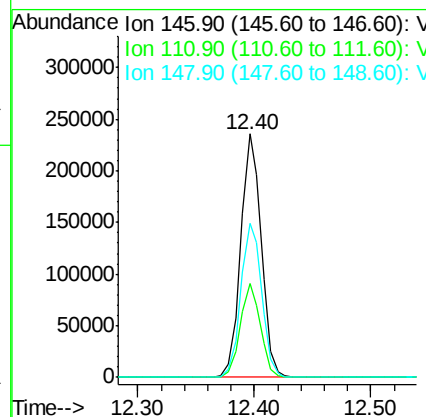
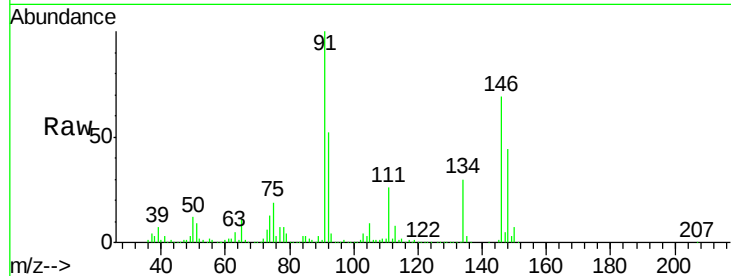
#91
 1,2-Dichlorobenzene
 Concen: 50.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.7	32.4	97.0

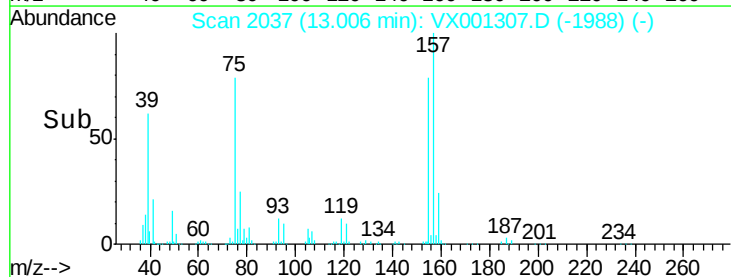
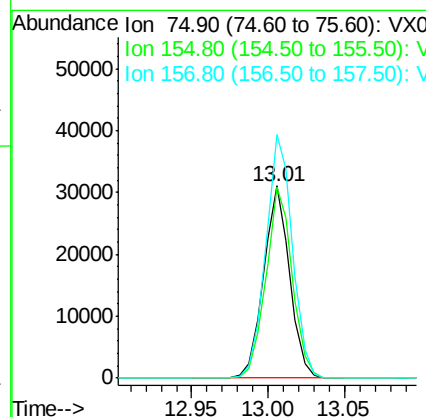
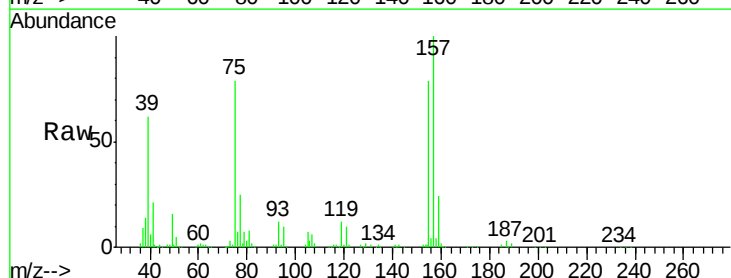
Manual Integrations
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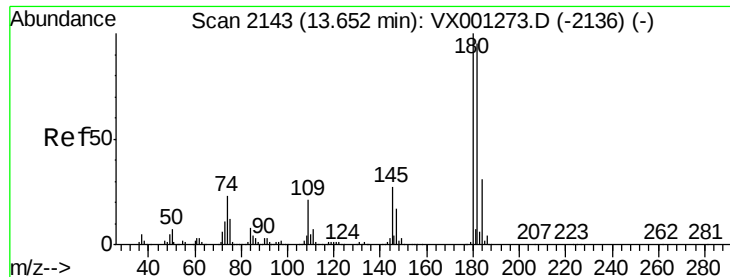
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.8	49.9	149.7
157	129.7	63.7	191.1





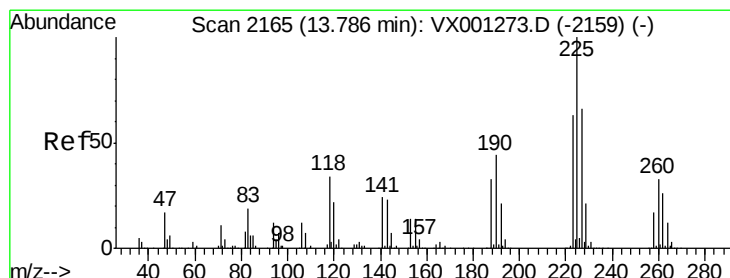
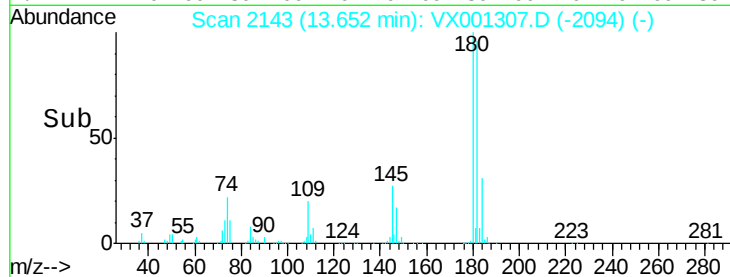
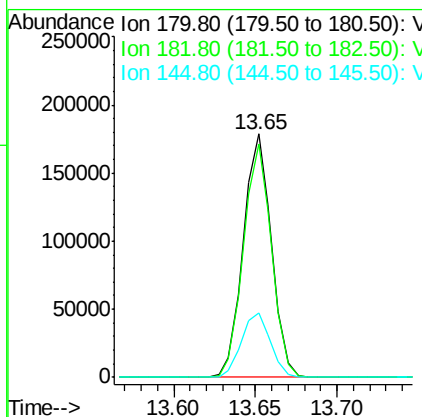
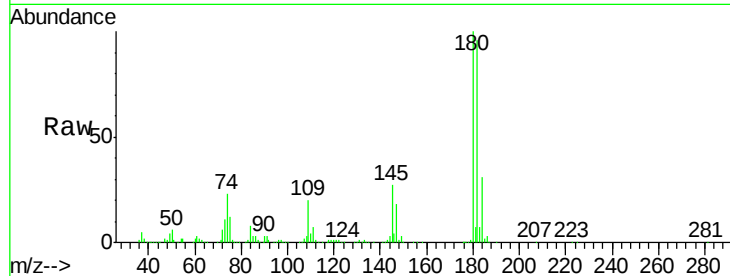
#93
 1,2,4-Trichlorobenzene
 Concen: 46.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	214626
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.9
145	27.3	13.5	40.4

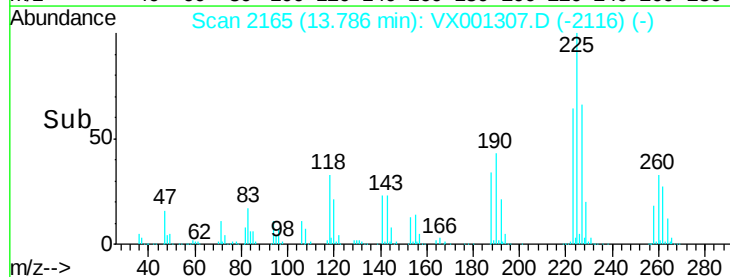
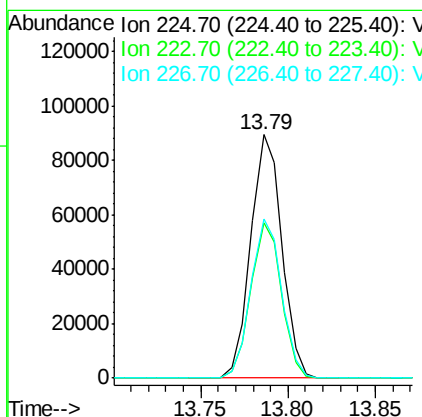
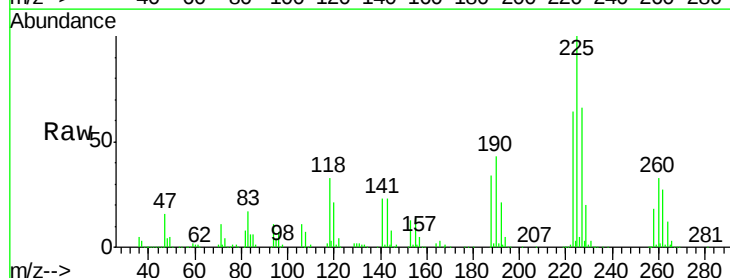
Manual Integrations
 APPROVED

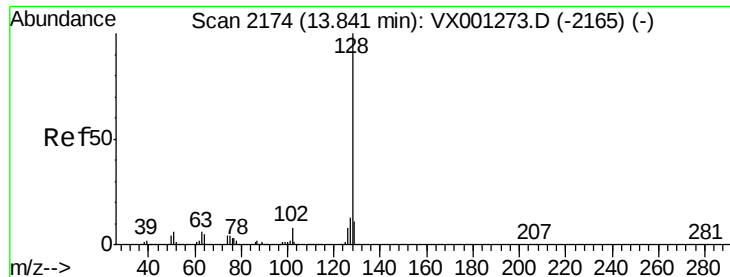
MMDadoda
 5/2/2018 4:20:58 PM



#94
 Hexachlorobutadiene
 Concen: 45.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion:	225	Resp:	110533
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.4	94.0
227	64.7	32.5	97.5





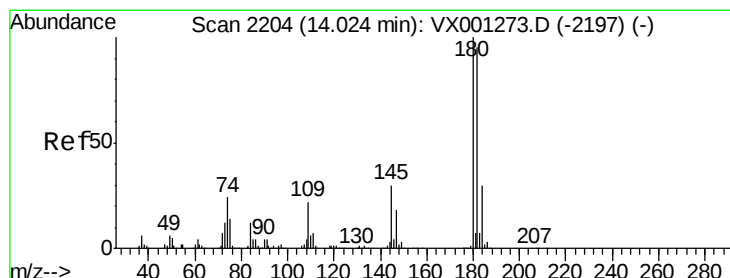
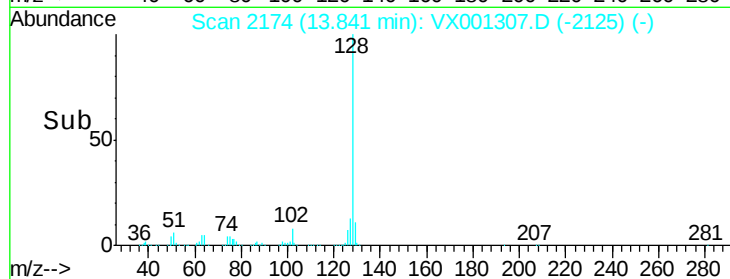
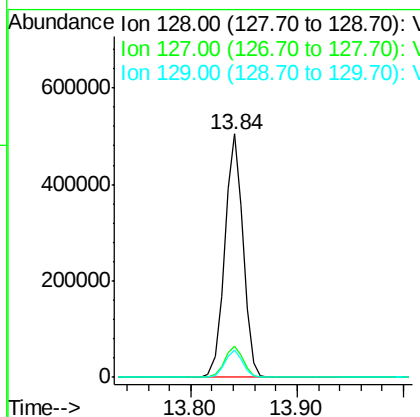
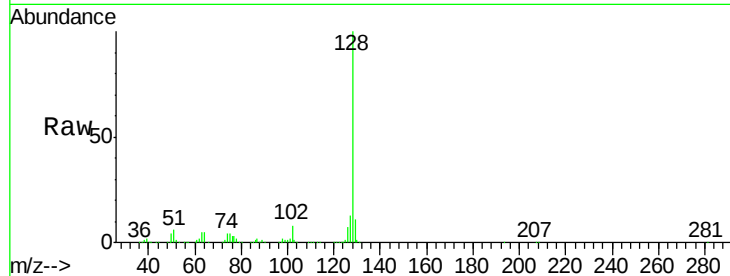
#95
Naphthalene
Concen: 51.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.14 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.3
145	29.1	14.4	43.4

