

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002860.D
 Acq On : 25 Jun 2018 12:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:42 PM

Quant Time: Jun 25 13:32:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	346062	85.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.60%	
35) Dibromofluoromethane	5.51	113	277331	95.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.38%	
50) Toluene-d8	8.72	98	1022493	92.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.86%	
62) 4-Bromofluorobenzene	11.14	95	409120	97.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	233778	82.48	ug/l	100
3) Chloromethane	1.32	50	247620	73.44	ug/l	99
4) Vinyl Chloride	1.41	62	278327	79.55	ug/l	100
5) Bromomethane	1.64	94	130607	61.87	ug/l	98
6) Chloroethane	1.71	64	184608	80.06	ug/l	99
7) Trichlorofluoromethane	1.92	101	485676	85.44	ug/l	99
8) Diethyl Ether	2.19	74	176021	81.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	274167	86.29	ug/l	99
10) Methyl Iodide	2.51	142	311031	79.49	ug/l	100
11) Tert butyl alcohol	3.09	59	352938	420.81	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246370	82.59	ug/l	99
13) Acrolein	2.30	56	194610	457.58	ug/l	100
14) Allyl chloride	2.73	41	505312	85.31	ug/l	98
15) Acrylonitrile	3.15	53	764260	417.58	ug/l	100
16) Acetone	2.45	43	729630	407.63	ug/l	98
17) Carbon Disulfide	2.57	76	654957	92.57	ug/l	98
18) Methyl Acetate	2.78	43	436137	91.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	923295	82.50	ug/l	100
20) Methylene Chloride	2.85	84	278854	75.98	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	270963	83.73	ug/l	98
22) Diisopropyl ether	3.88	45	981300	91.57	ug/l	99
23) Vinyl Acetate	3.83	43	4150866	462.79	ug/l	98
24) 1,1-Dichloroethane	3.70	63	513539	88.29	ug/l	99
25) 2-Butanone	4.71	43	1123469	477.94	ug/l	97
26) 1,2-Dichloropropane	4.59	77	433019	103.61	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	311848	94.70	ug/l	96
28) Bromochloromethane	5.03	49	248522	91.24	ug/l	93
29) Tetrahydrofuran	5.17	42	724037	469.98	ug/l	98
30) Chloroform	5.22	83	544951	97.16	ug/l	98
31) Cyclohexane	5.57	56	454258	94.86	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	494360	105.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	395192	101.93	ug/l	100
37) Ethyl Acetate	4.87	43	437058	99.59	ug/l	100
38) Carbon Tetrachloride	5.79	117	447010	115.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	469553	103.59	ug/l	97
40) Benzene	6.15	78	1160292	99.80	ug/l	100
41) Methacrylonitrile	5.07	41	251176	101.37	ug/l	98
42) 1,2-Dichloroethane	6.20	62	457716	101.69	ug/l	100
43) Isopropyl Acetate	6.47	43	736530	101.30	ug/l	99
44) Trichloroethene	7.21	130	343458	102.35	ug/l	99
45) 1,2-Dichloropropane	7.52	63	306199	100.07	ug/l	99
46) Dibromomethane	7.67	93	212407	103.78	ug/l	97
47) Bromodichloromethane	7.90	83	421524	116.77	ug/l	97
48) Methyl methacrylate	7.78	41	390375	105.06	ug/l	98
49) 1,4-Dioxane	7.76	88	146928	2088.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2367950	507.23	ug/l	99
52) Toluene	8.79	92	760590	102.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	496184	116.82	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	473841	120.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	313469	104.61	ug/l	97
56) Ethyl methacrylate	9.19	69	480313	104.16	ug/l	97
57) 1,3-Dichloropropane	9.38	76	511373	100.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1184681	531.14	ug/l	98
59) 2-Hexanone	9.50	43	1832824	521.01	ug/l	98
60) Dibromochloromethane	9.59	129	358061	123.79	ug/l	99
61) 1,2-Dibromoethane	9.68	107	332810	107.24	ug/l	99
64) Tetrachloroethene	9.34	164	381945	96.44	ug/l	100
65) Chlorobenzene	10.14	112	881897	100.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	339303	113.58	ug/l	99
67) Ethyl Benzene	10.26	91	1520183	102.86	ug/l	100
68) m/p-Xylenes	10.37	106	1174841	206.08	ug/l	99
69) o-Xylene	10.70	106	578500	103.28	ug/l	99
70) Styrene	10.71	104	964381	104.69	ug/l	99
71) Bromoform	10.86	173	296043	131.87	ug/l	99
73) Isopropylbenzene	11.02	105	1583469	99.96	ug/l	100
74) N-amyl acetate	6.47	43	736530	93.58	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	471380	100.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	413408m	92.50	ug/l	
77) Bromobenzene	11.26	156	441784	100.10	ug/l	97
78) n-propylbenzene	11.37	91	1809293	99.59	ug/l	99
79) 2-Chlorotoluene	11.43	91	1064805	98.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1358629	101.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	148279	125.51	ug/l	96
82) 4-Chlorotoluene	11.51	91	1287308	100.58	ug/l	99
83) tert-Butylbenzene	11.77	119	1336497	103.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1391934	101.90	ug/l	98
85) sec-Butylbenzene	11.95	105	1610605	100.44	ug/l	99
86) p-Isopropyltoluene	12.07	119	1480470	102.03	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	813965	100.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	824452	100.12	ug/l	99
89) n-Butylbenzene	12.39	91	1293029	101.02	ug/l	99
90) Hexachloroethane	12.60	117	239490	119.59	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	816602	100.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	115446	117.82	ug/l	98

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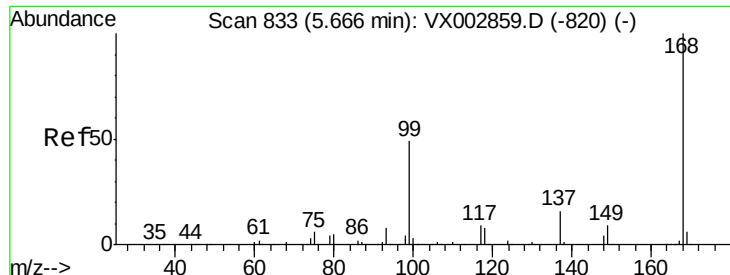
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	616247	104.24	ug/l	100
94) Hexachlorobutadiene	13.79	225	307810	98.84	ug/l	99
95) Naphthalene	13.84	128	1689723	106.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	619682	104.36	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 266980

Ion Ratio Lower Upper

168 100

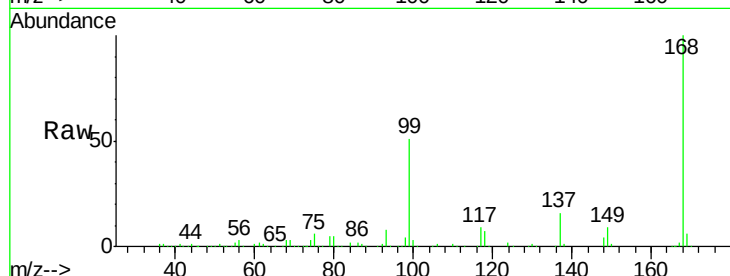
99 50.7 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

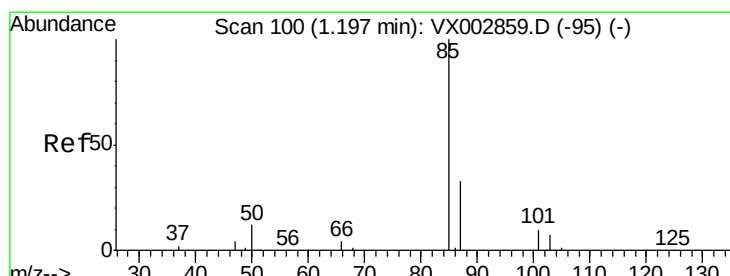
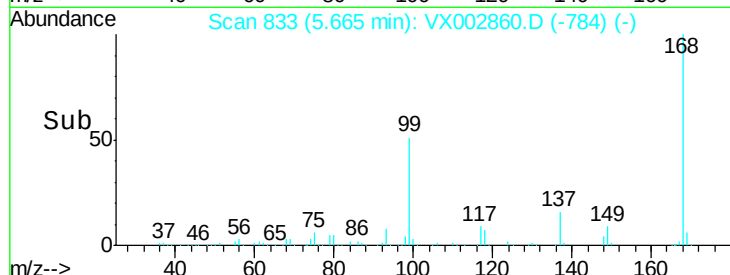
0

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 82.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002860.D

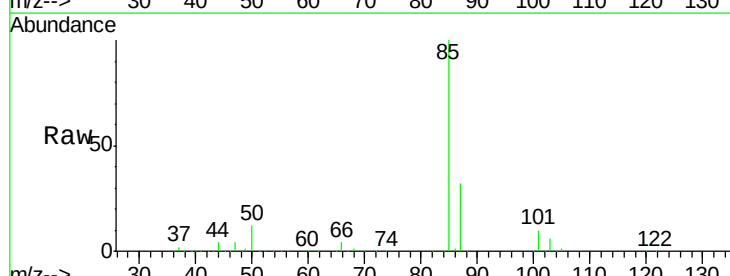
Acq: 25 Jun 2018 12:40

Tgt Ion: 85 Resp: 233778

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

100000

50000

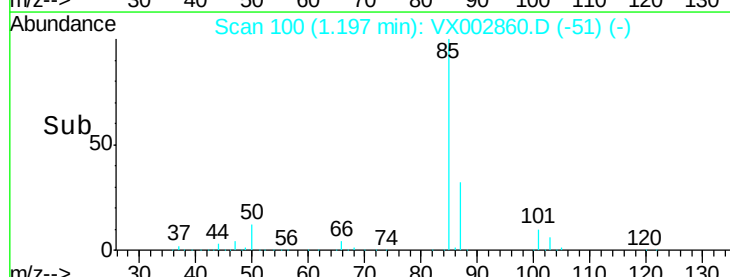
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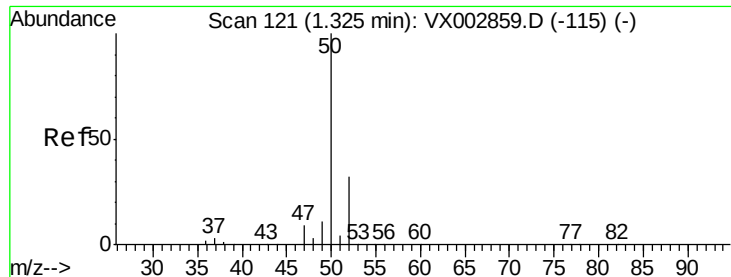
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 73.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 247620

Ion Ratio Lower Upper

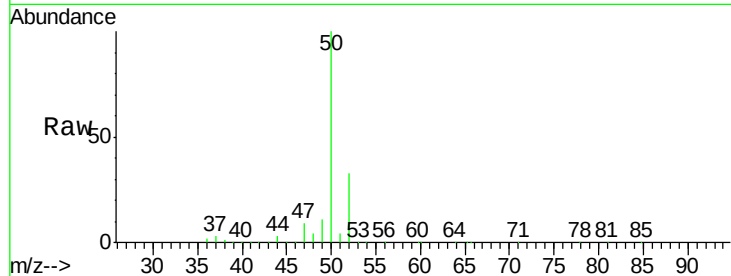
50 100

52 32.9 25.7 38.5

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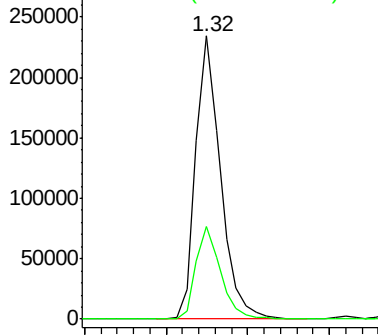
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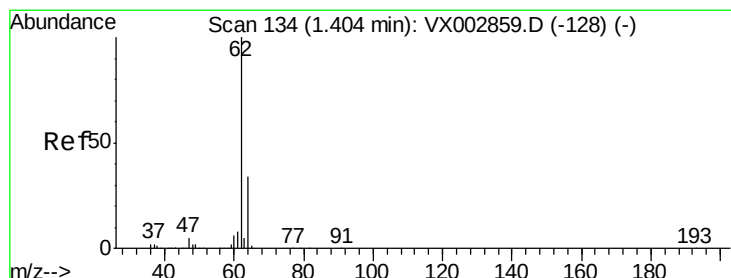
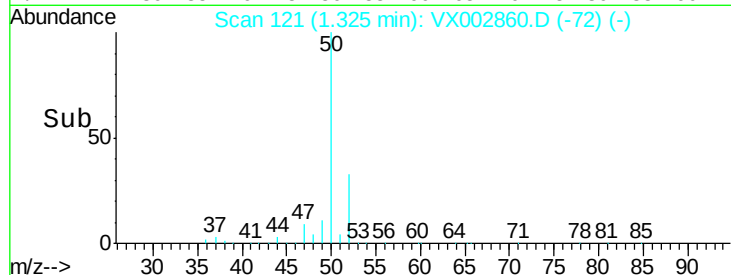


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 79.55 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002860.D

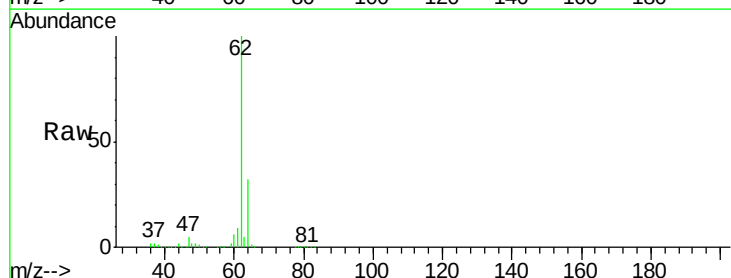
Acq: 25 Jun 2018 12:40

Tgt Ion: 62 Resp: 278327

Ion Ratio Lower Upper

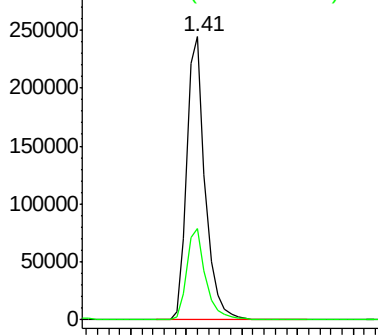
62 100

64 32.0 25.4 38.2

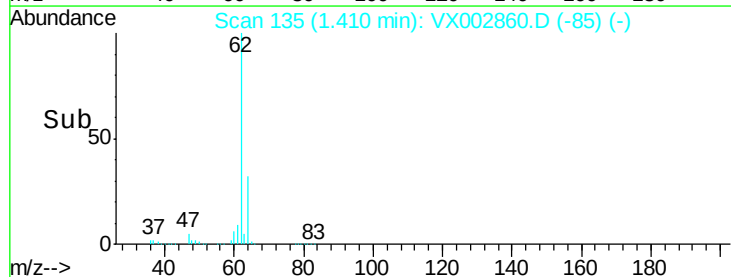


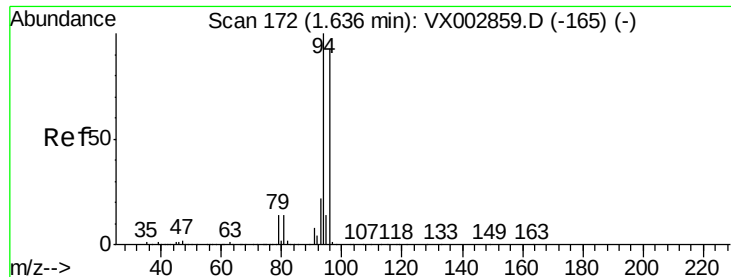
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 61.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 130607

Ion Ratio Lower Upper

94 100

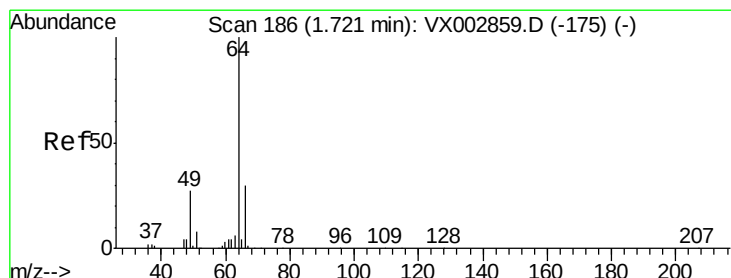
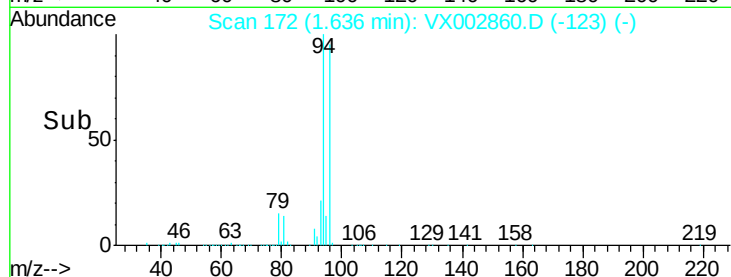
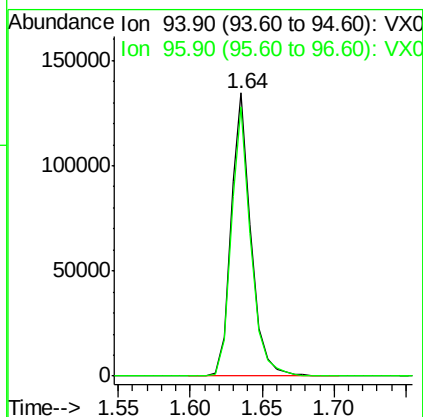
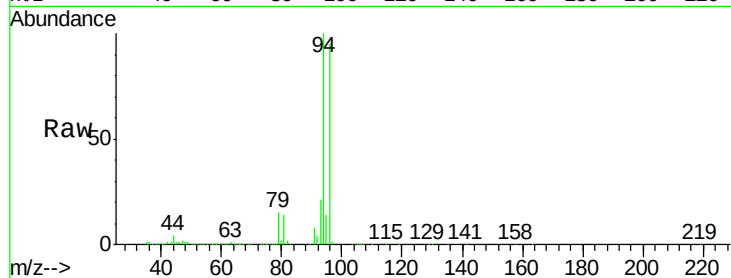
96 95.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 80.06 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002860.D

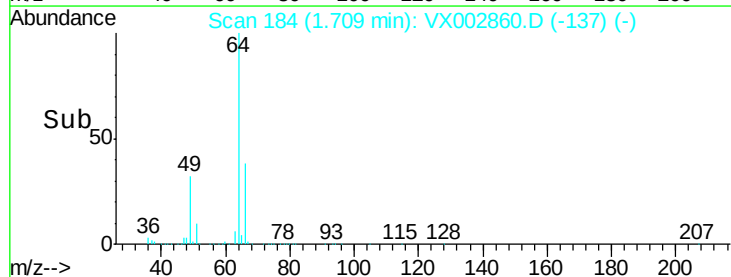
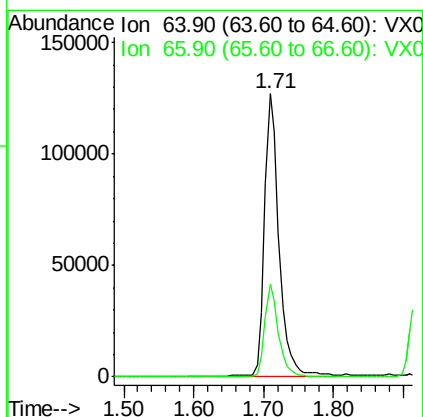
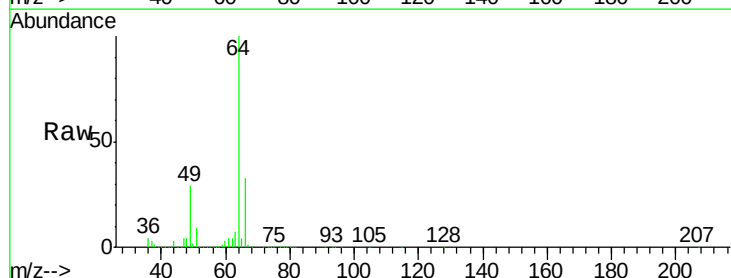
Acq: 25 Jun 2018 12:40

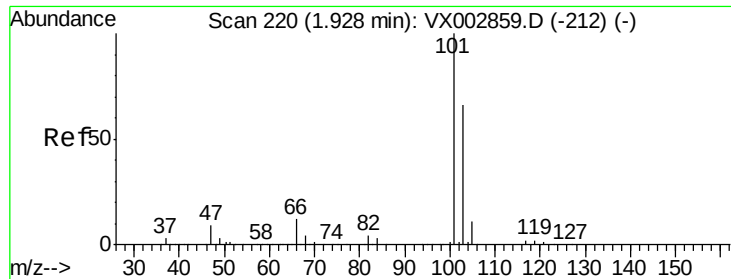
Tgt Ion: 64 Resp: 184608

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

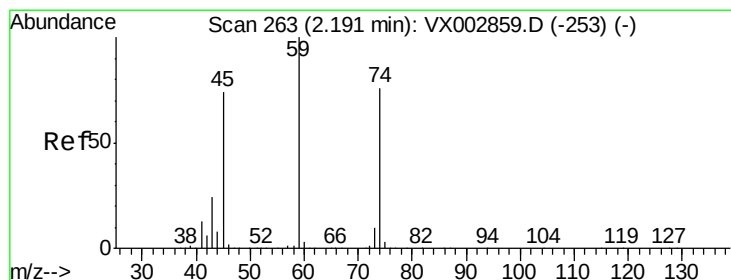
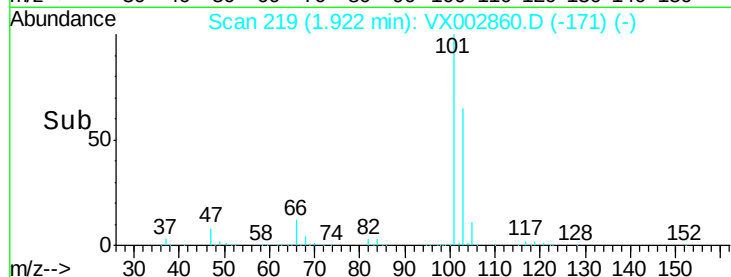
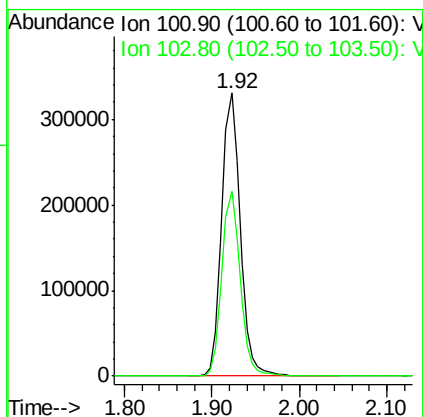
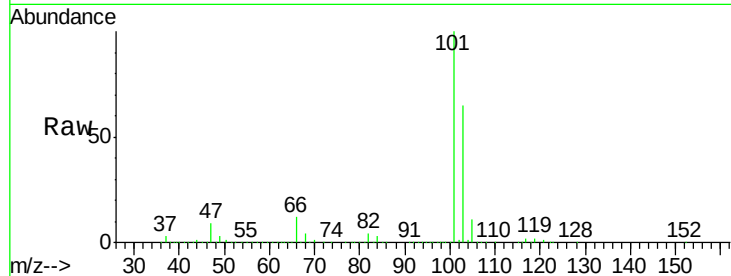
Trichlorofluoromethane
Concen: 85.44 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 485676
Ion Ratio Lower Upper
101 100
103 65.3 52.8 79.2

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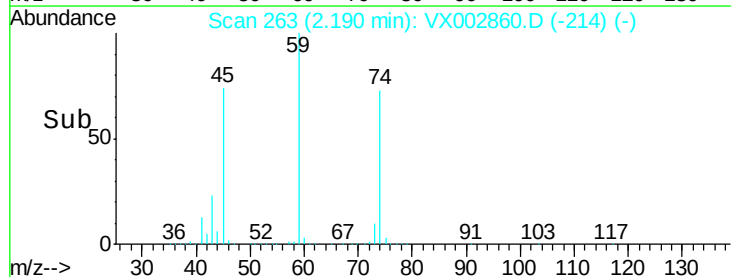
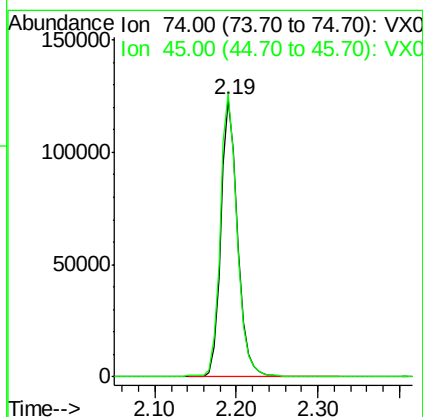
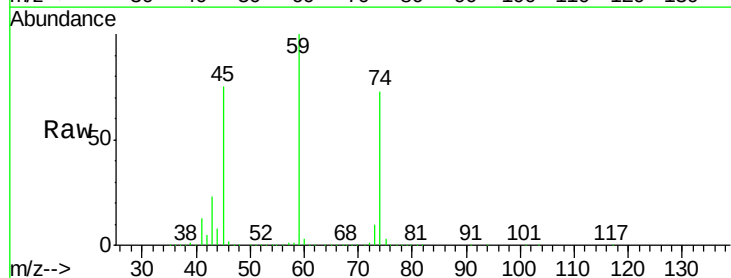
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6/28/2018 2:26:42 PM

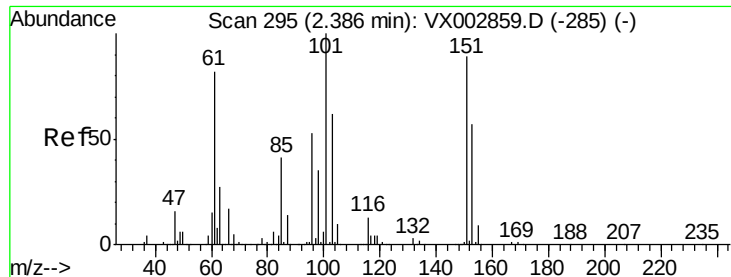


#8

Diethyl Ether
Concen: 81.42 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion: 74 Resp: 176021
Ion Ratio Lower Upper
74 100
45 104.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 86.29 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

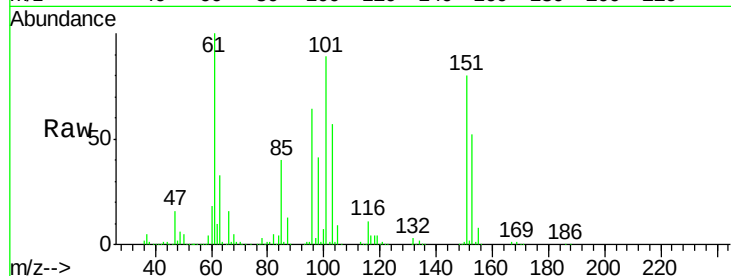
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	274167
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	89.9	70.9	106.3

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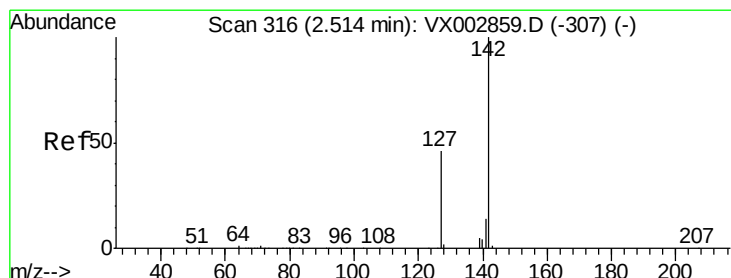
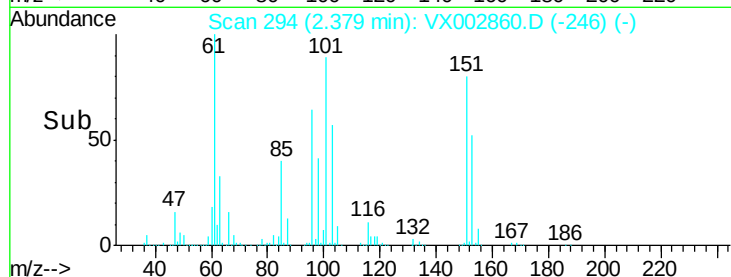
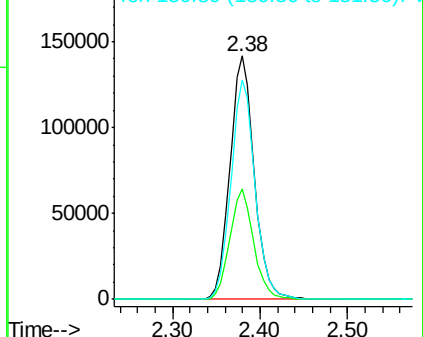
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6/28/2018 2:26:42 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 79.49 ug/l

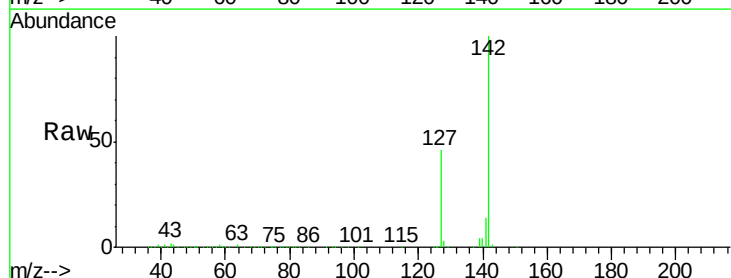
RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

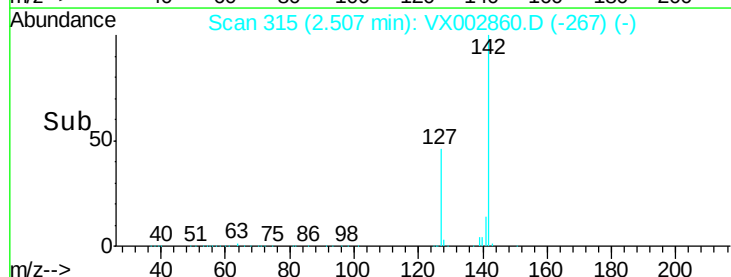
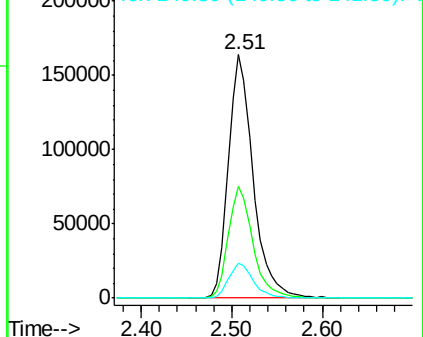
Tgt Ion:	142	Resp:	311031
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.6	55.0
141	14.3	11.3	16.9

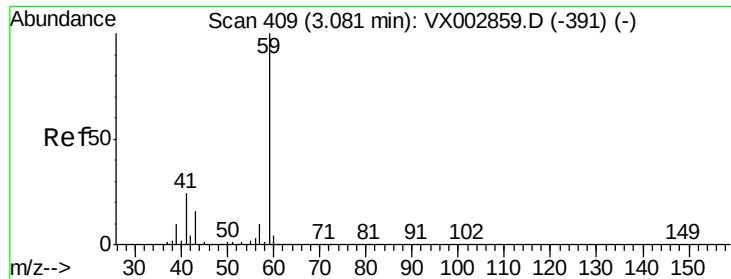


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

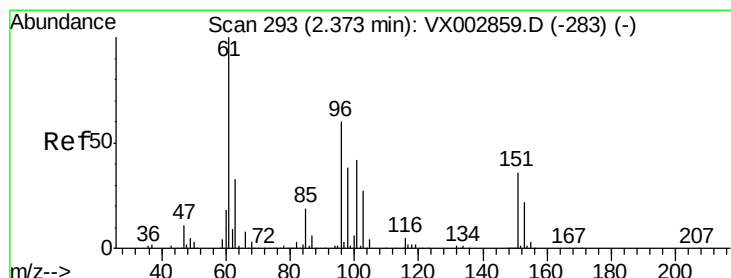
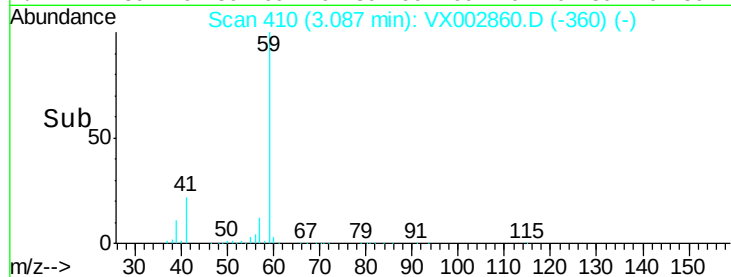
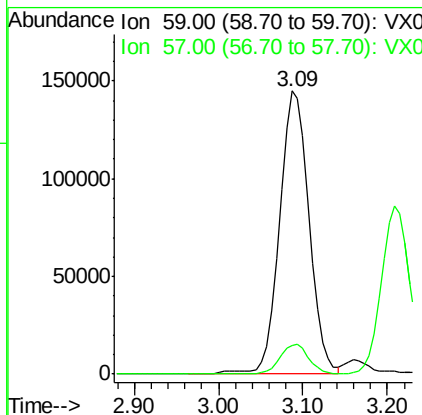
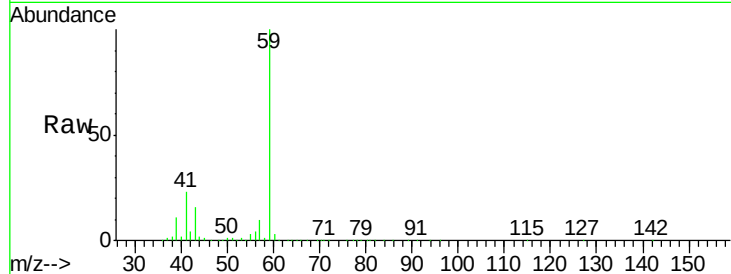
Tert butyl alcohol
Concen: 420.81 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
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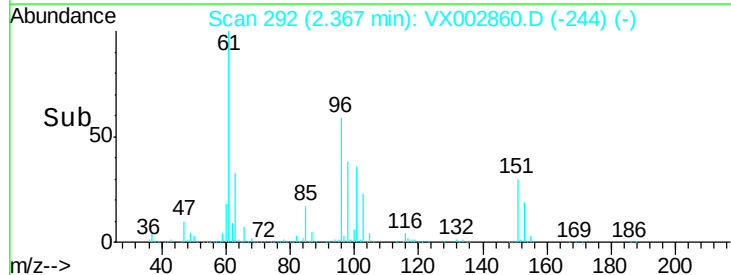
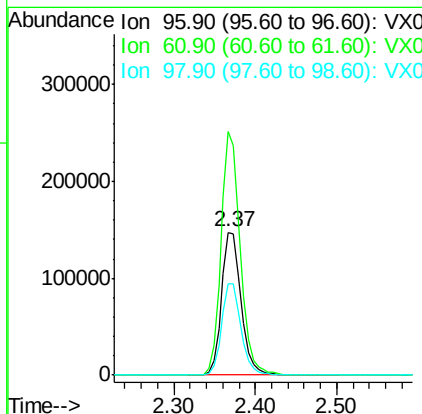
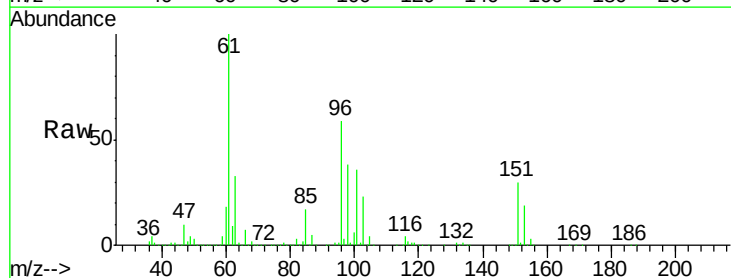
MMDadoda
6/28/2018 2:26:42 PM

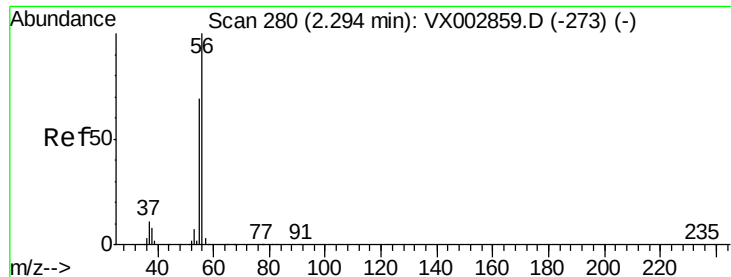


#12

1,1-Dichloroethene
Concen: 82.59 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	137.9	206.9
98	64.0	51.6	77.4





#13

Acrolein

Concen: 457.58 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 194610

Ion Ratio Lower Upper

56 100

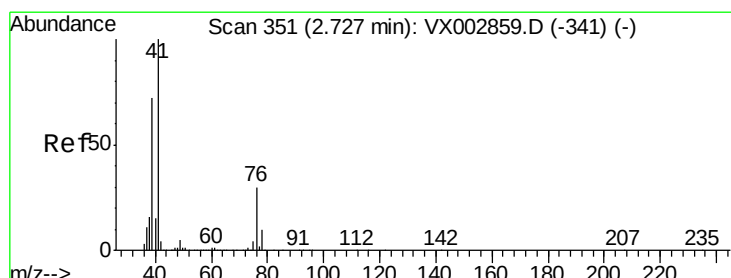
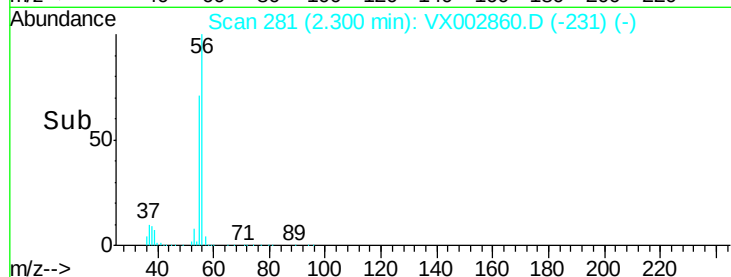
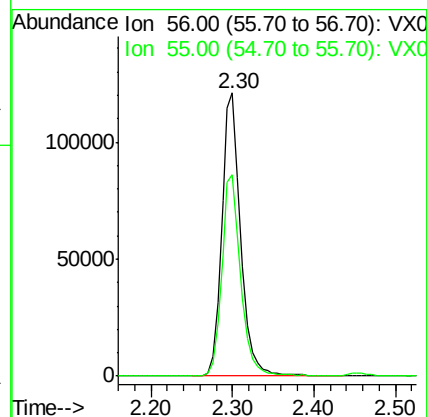
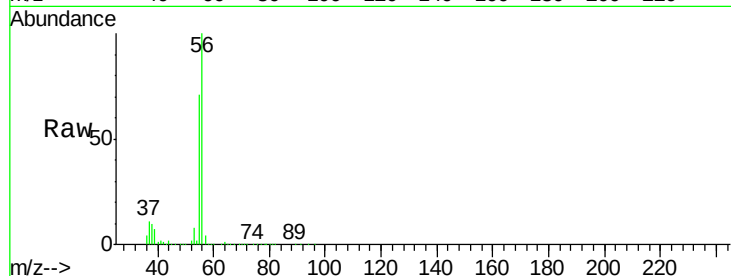
55 71.4 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 85.31 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

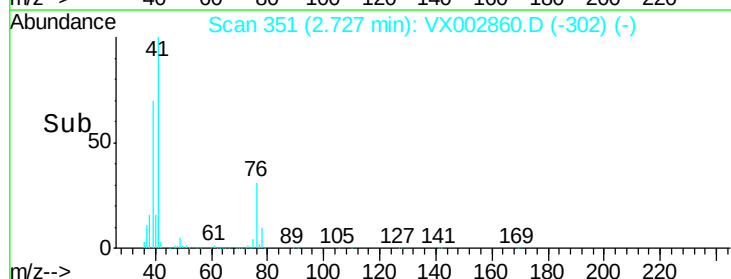
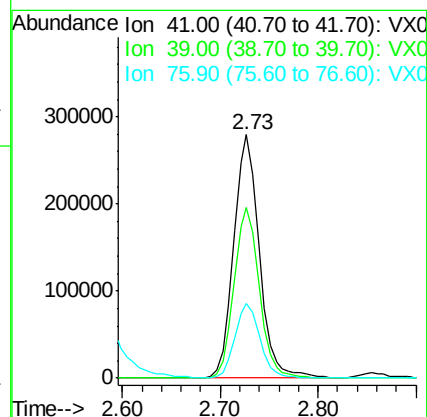
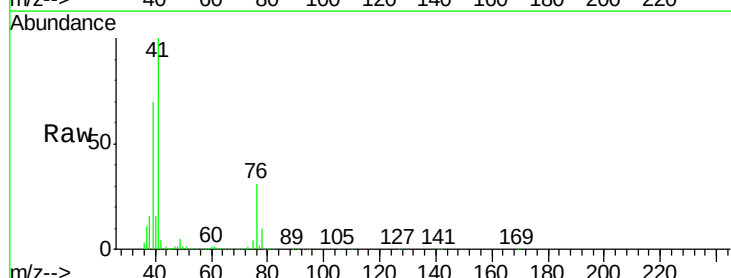
Tgt Ion: 41 Resp: 505312

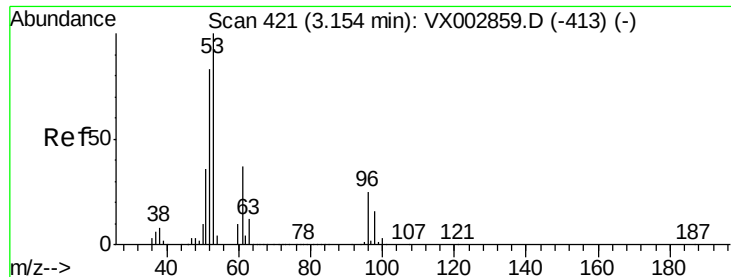
Ion Ratio Lower Upper

41 100

39 68.9 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 417.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

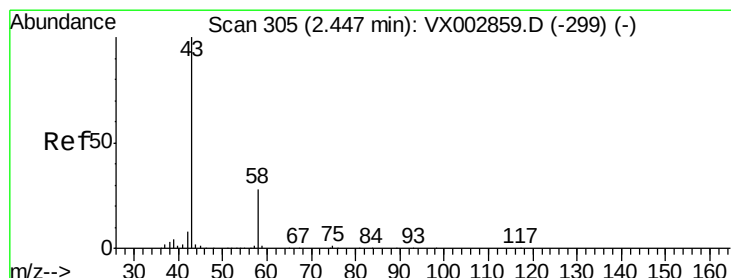
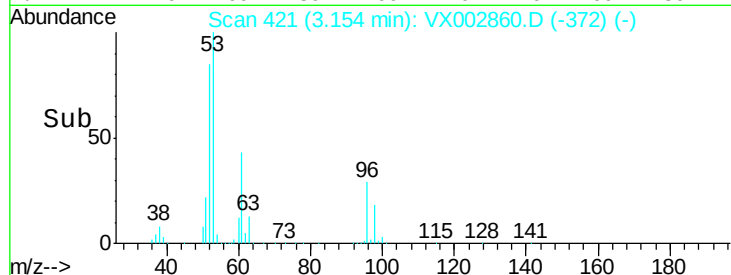
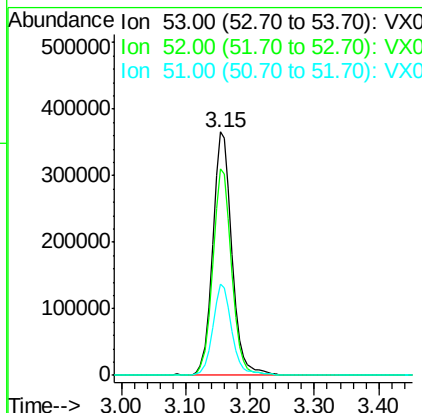
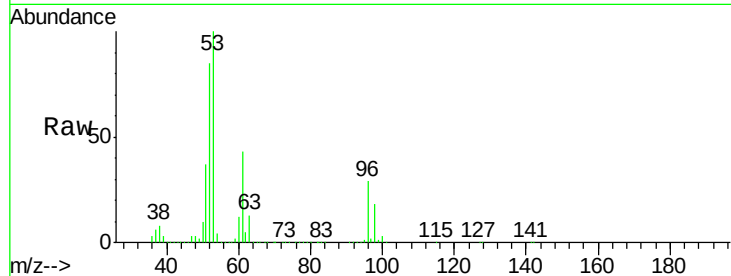
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	764260
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 407.63 ug/l

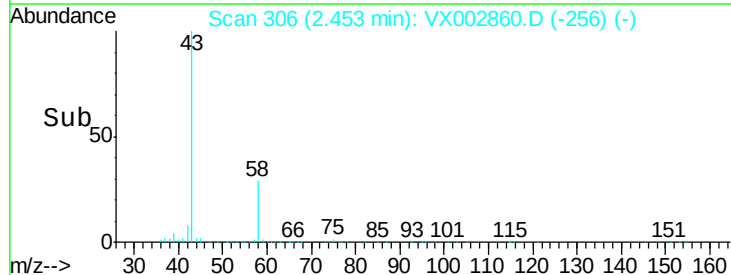
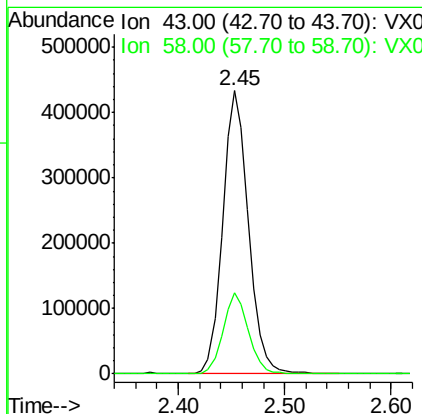
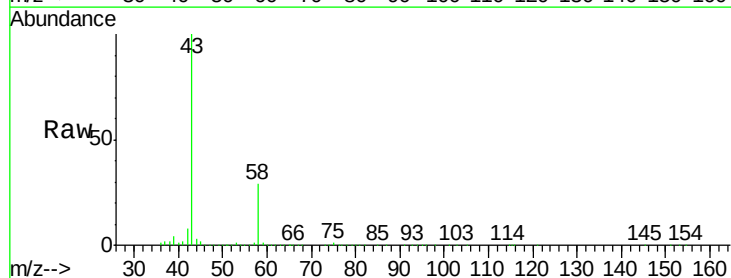
RT: 2.45 min Scan# 306

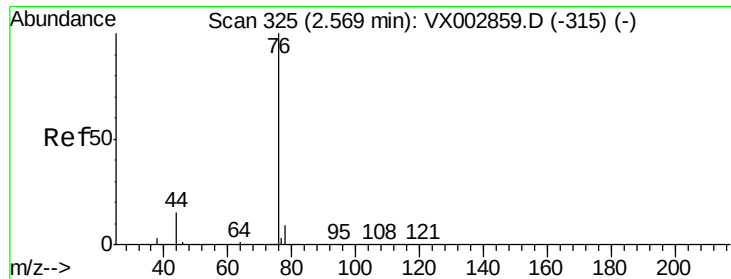
Delta R.T. 0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	43	Resp:	729630
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.1	33.1





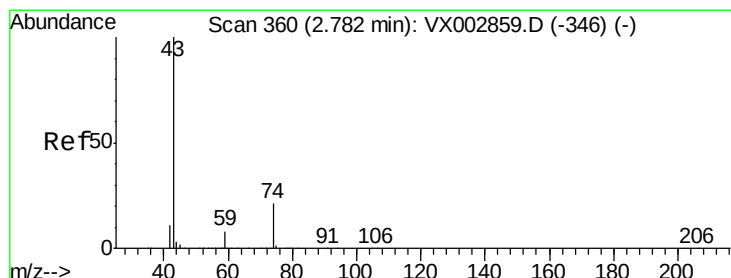
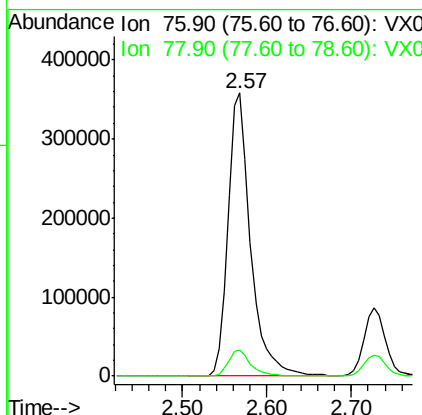
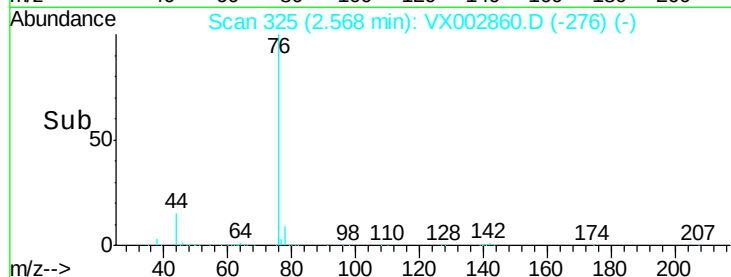
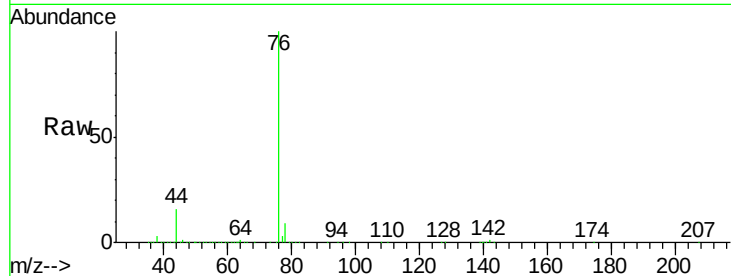
#17
Carbon Disulfide
Concen: 92.57 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

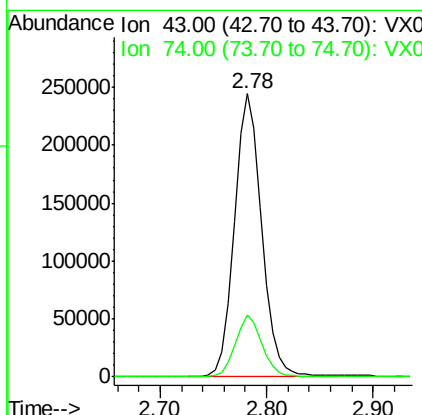
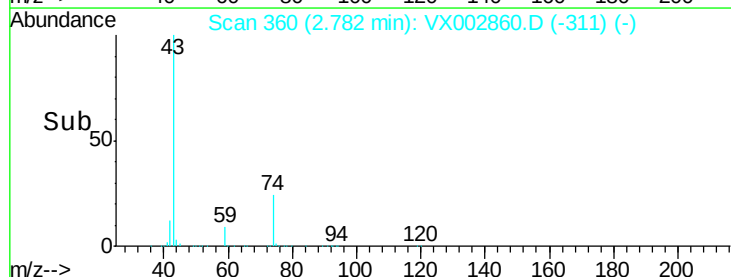
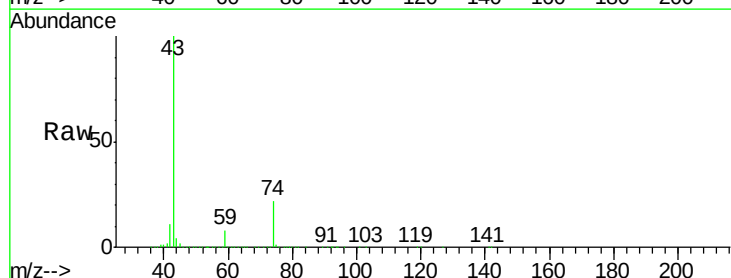
Manual Integrations
APPROVED

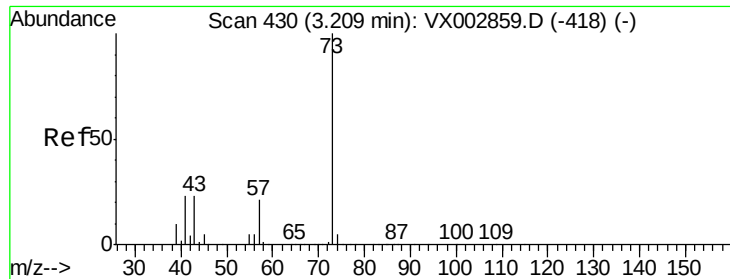
MMDadoda
6/28/2018 2:26:42 PM



#18
Methyl Acetate
Concen: 91.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.7	25.1





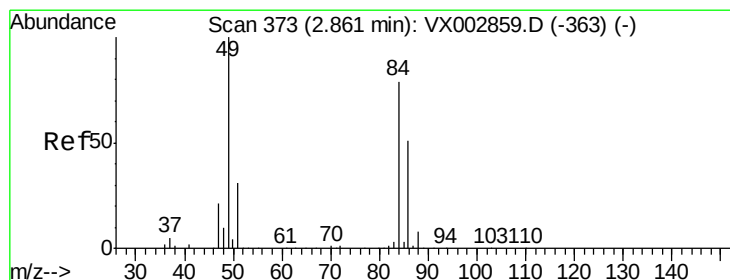
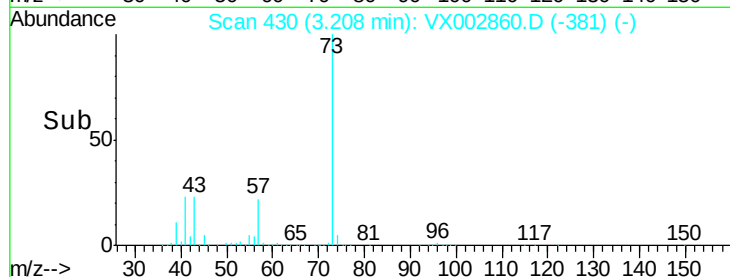
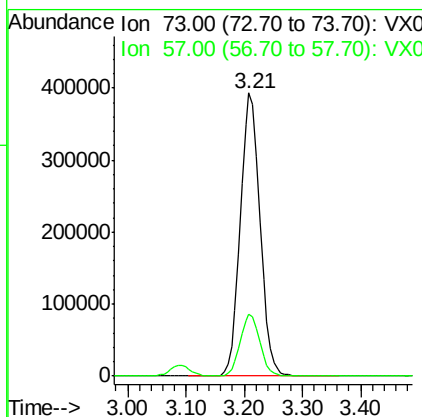
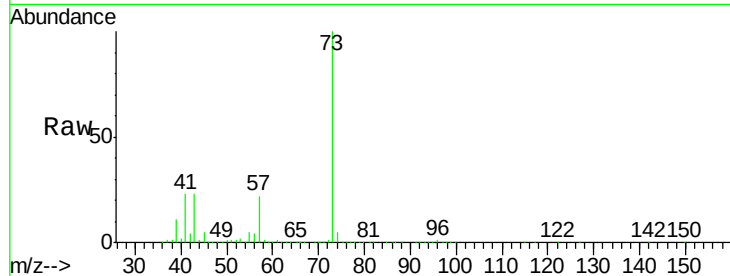
#19
Methvl tert-butvl Ether
Concen: 82.50 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 923295
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

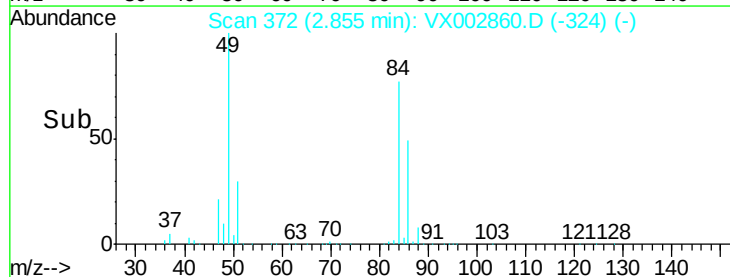
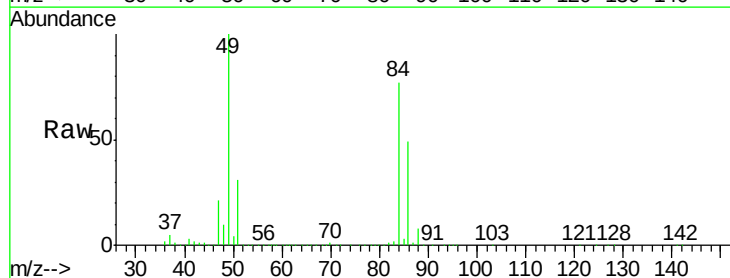
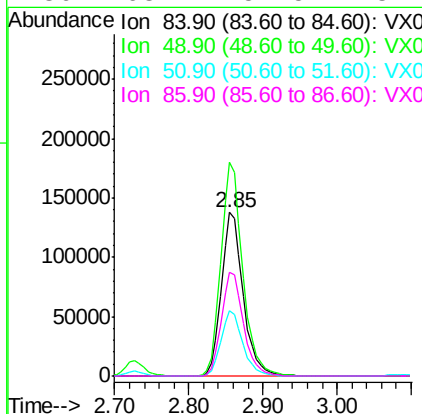
Manual Integrations
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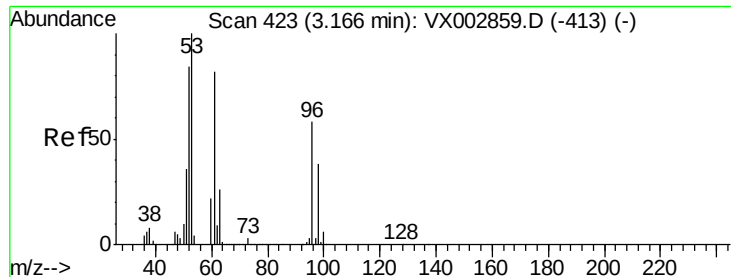
MMDadoda
6/28/2018 2:26:42 PM



#20
Methylene Chloride
Concen: 75.98 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion: 84 Resp: 278854
Ion Ratio Lower Upper
84 100
49 130.6 107.8 161.6
51 39.8 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 83.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

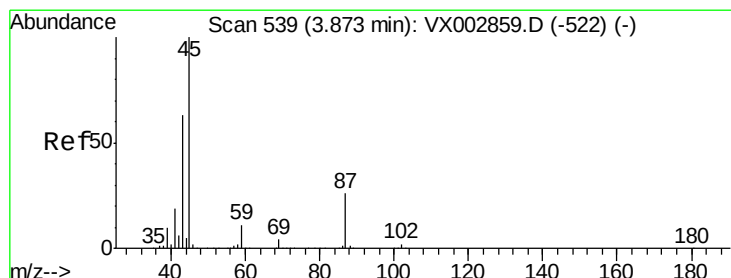
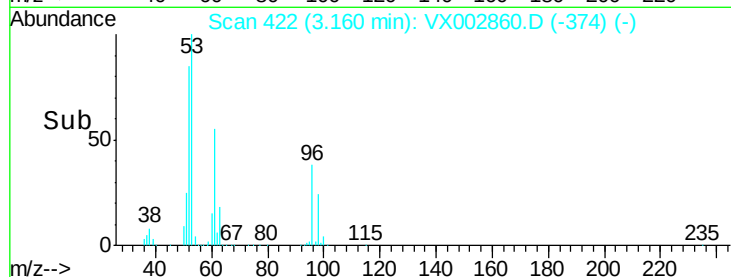
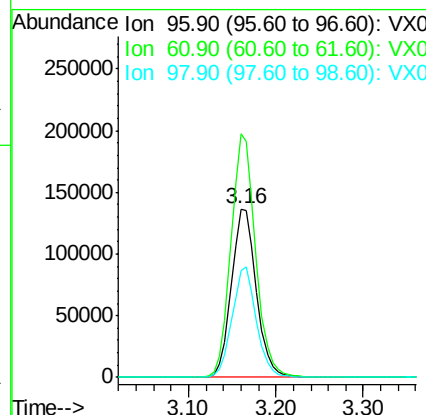
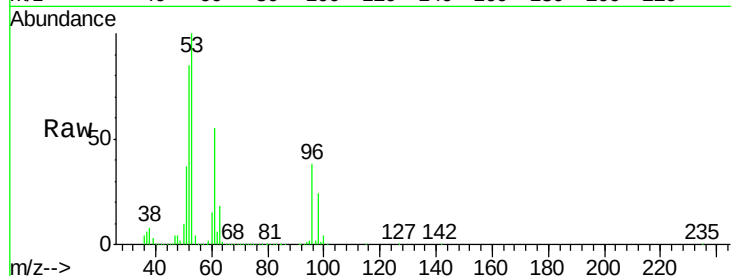
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	270963
Ion	Ratio	Lower	Upper
96	100		
61	144.4	117.0	175.4
98	63.6	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 91.57 ug/l

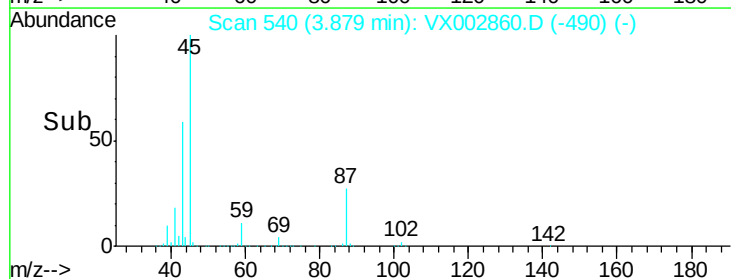
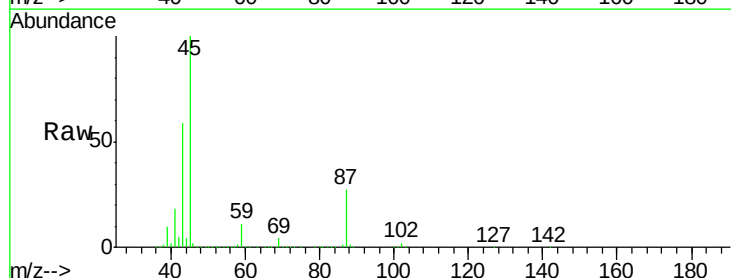
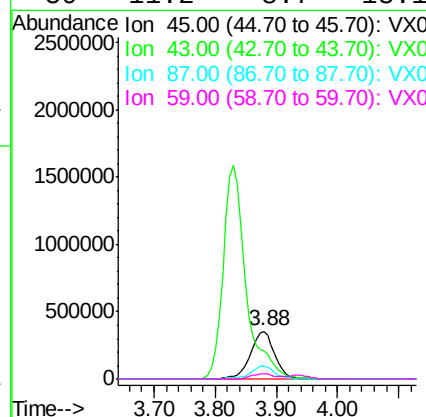
RT: 3.88 min Scan# 540

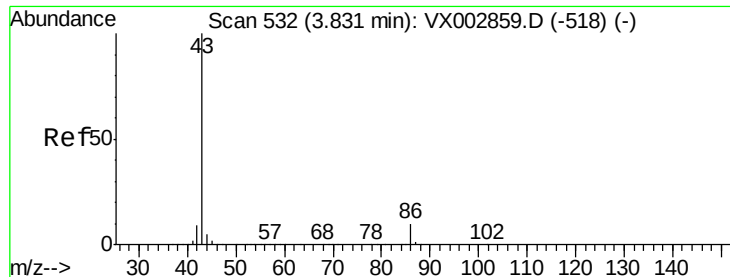
Delta R.T. 0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	45	Resp:	981300
Ion	Ratio	Lower	Upper
45	100		
43	58.8	46.8	70.2
87	26.7	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 462.79 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4150866

Ion Ratio Lower Upper

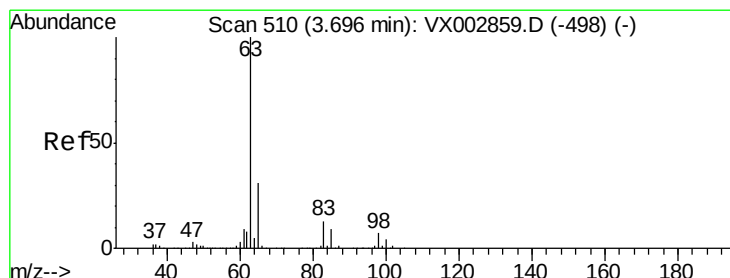
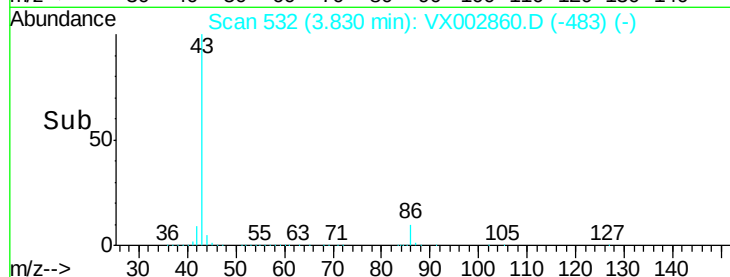
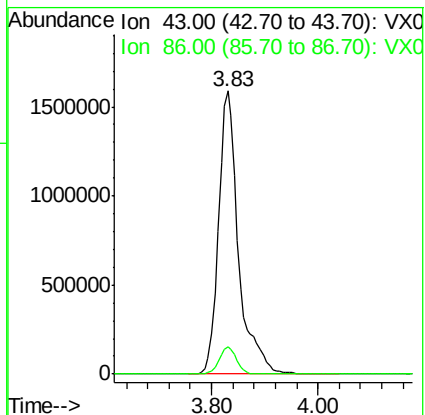
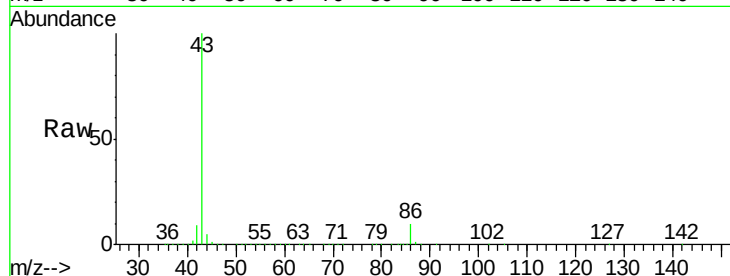
43 100

86 9.8 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 88.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

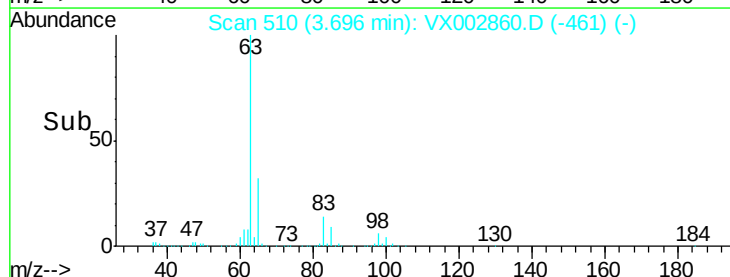
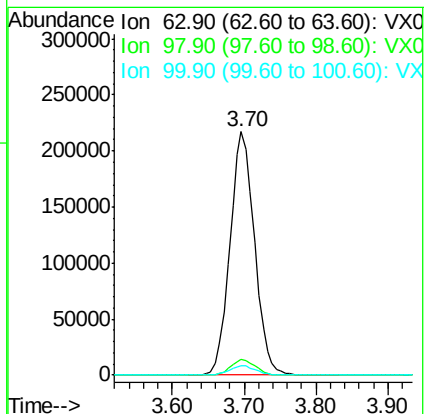
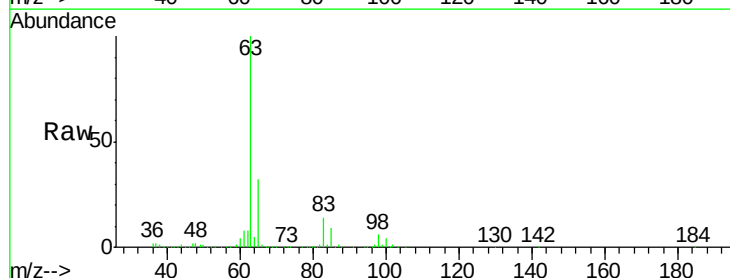
Tgt Ion: 63 Resp: 513539

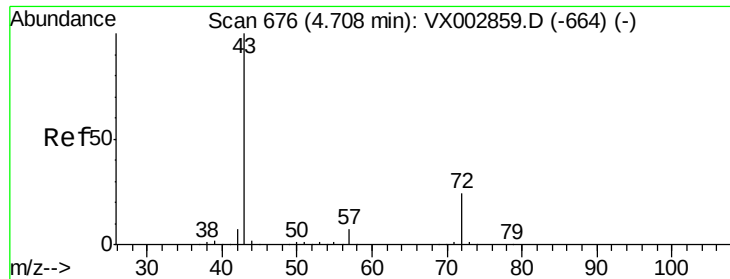
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 477.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1123469

Ion Ratio Lower Upper

43 100

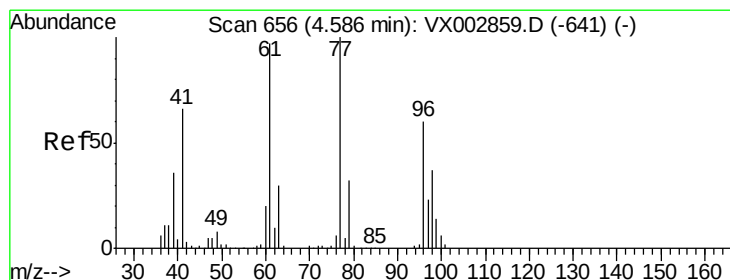
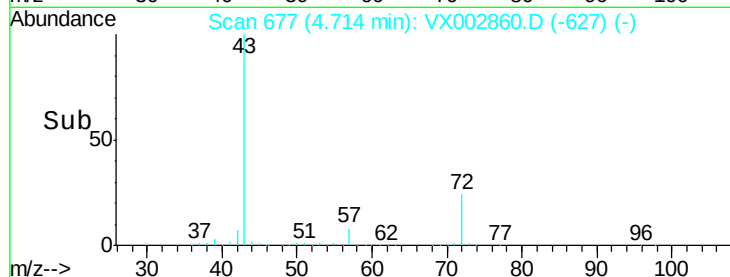
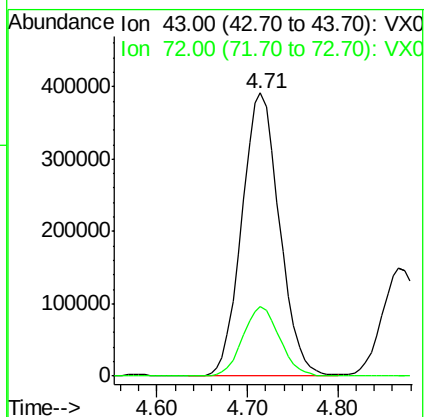
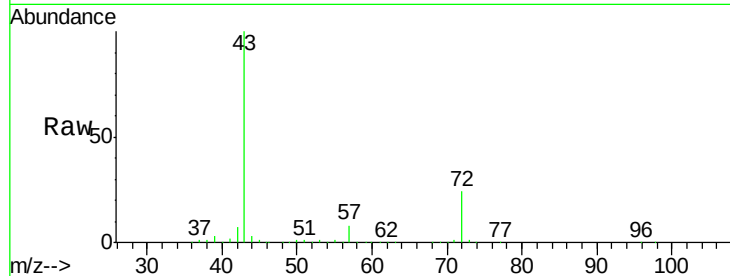
72 24.4 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 103.61 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002860.D

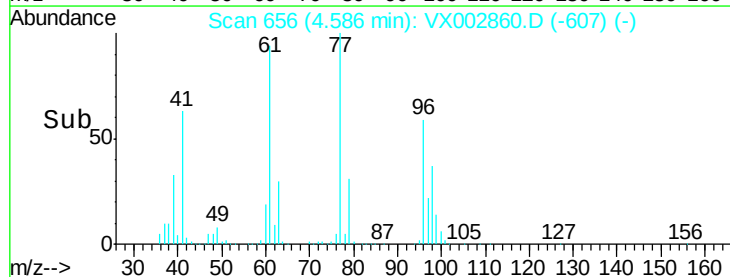
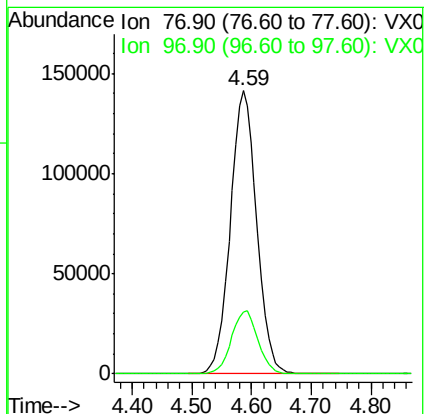
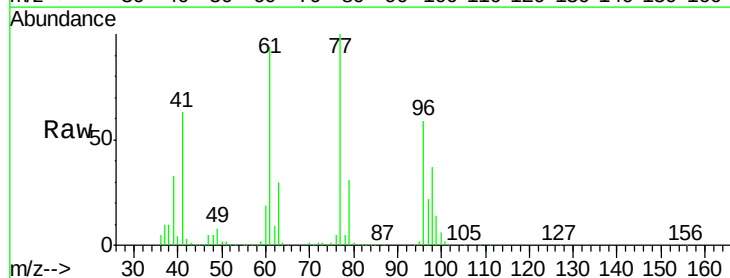
Acq: 25 Jun 2018 12:40

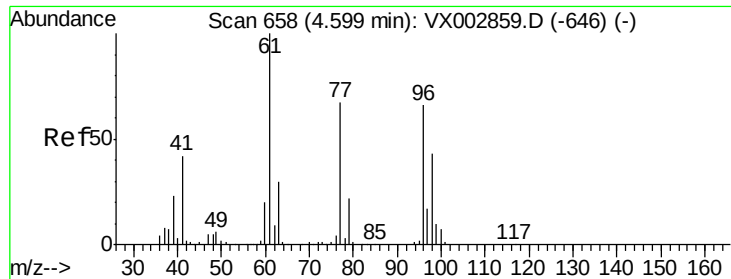
Tgt Ion: 77 Resp: 433019

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 94.70 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tot Ion:	96	Resp:	311848
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	330.2
98	64.7	0.0	130.2

Instrument :

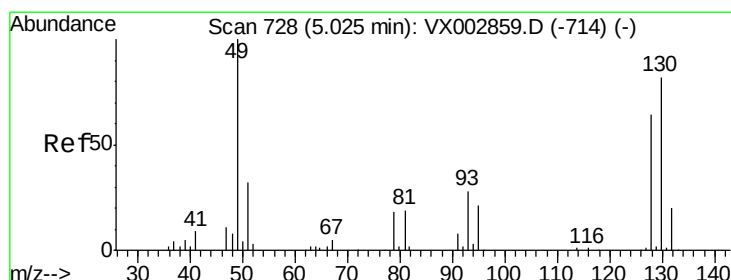
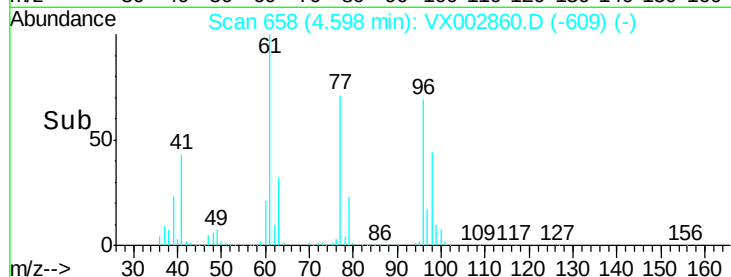
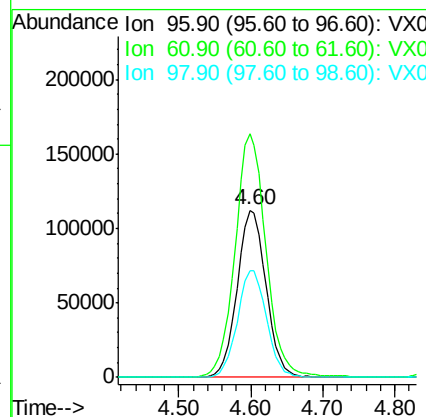
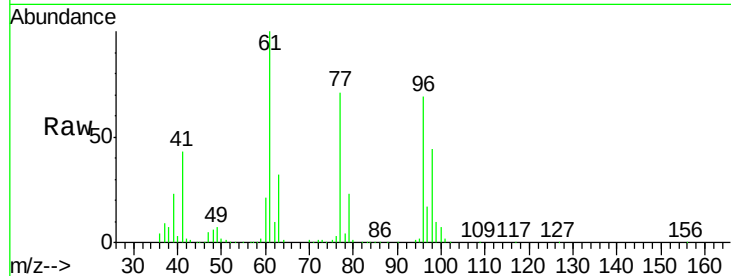
MSVOA_X

ClientSampleId :

VSTDIC100

Manual Integrations
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6/28/2018 2:26:42 PM



#28

Bromochloromethane

Concen: 91.24 ug/l

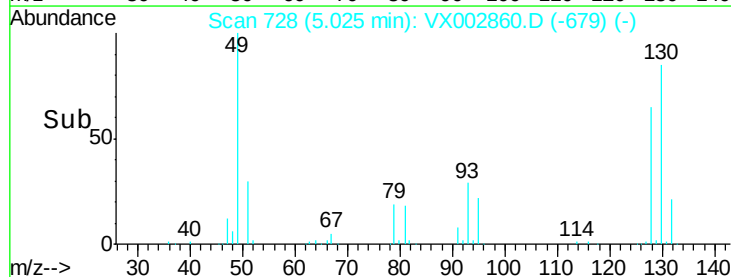
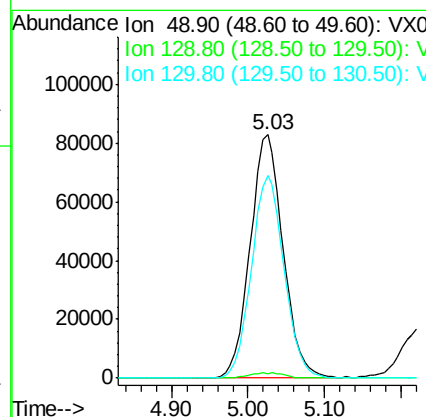
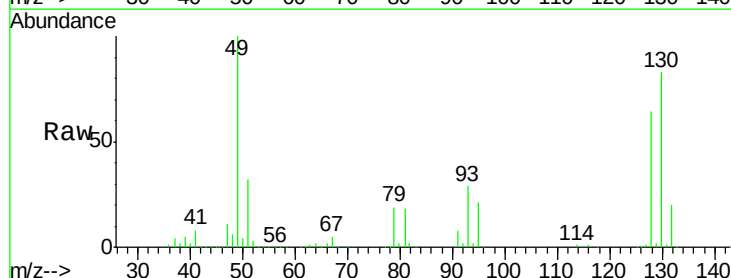
RT: 5.03 min Scan# 728

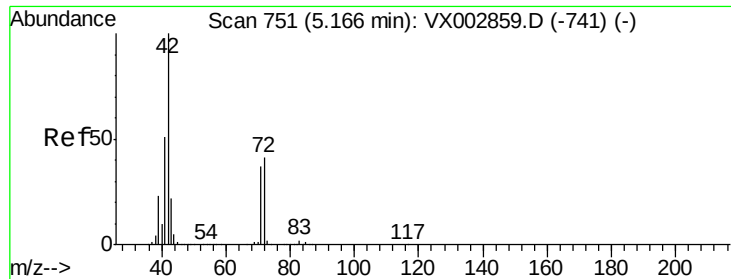
Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	49	Resp:	248522
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	82.5	61.2	91.8





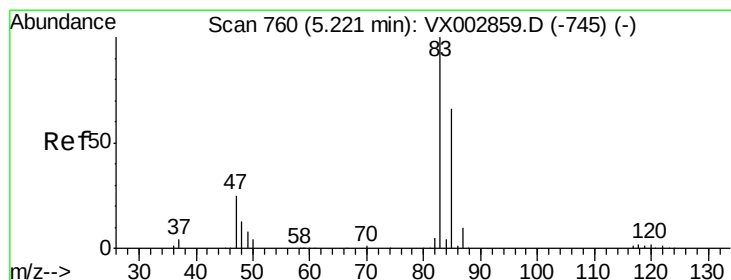
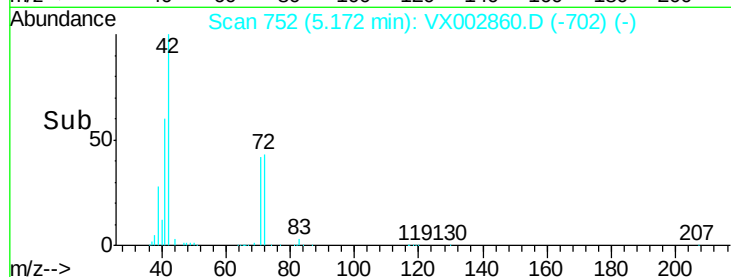
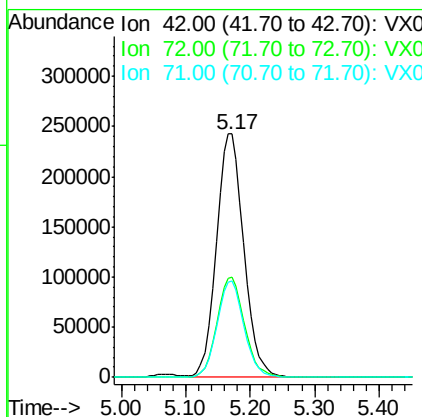
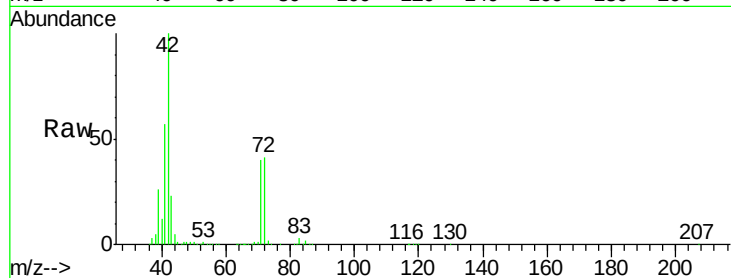
#29
Tetrahydrofuran
Concen: 469.98 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	39.0	30.1	45.1

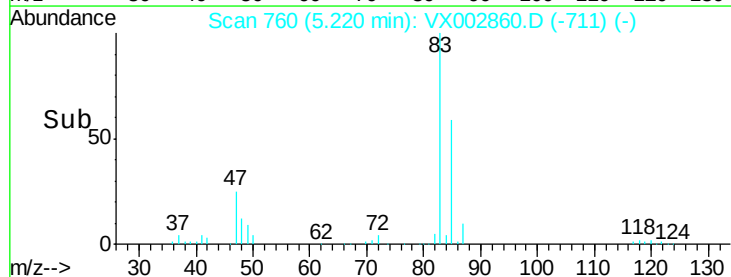
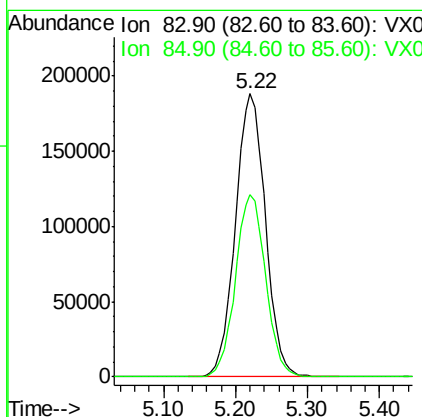
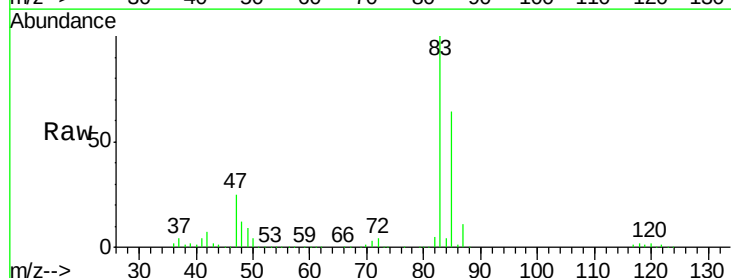
Manual Integrations
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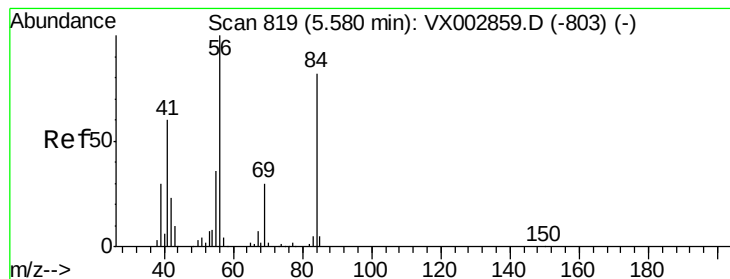
MMDadoda
6/28/2018 2:26:42 PM



#30
Chloroform
Concen: 97.16 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 94.86 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

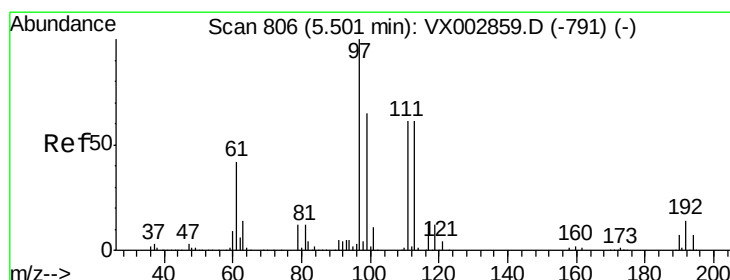
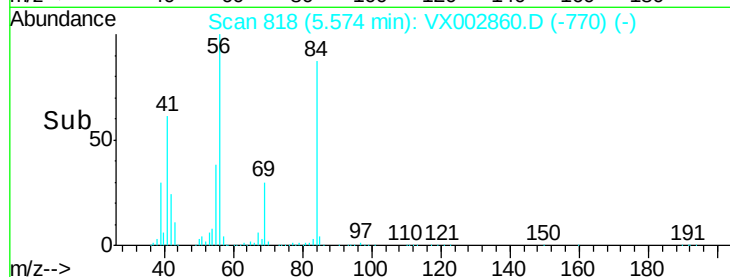
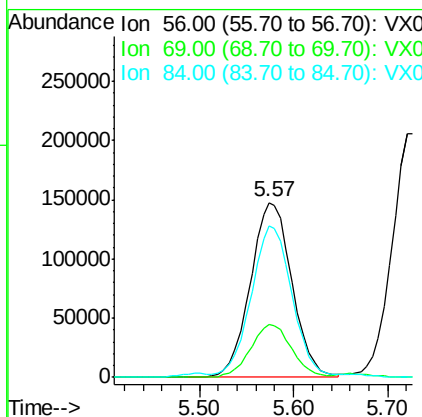
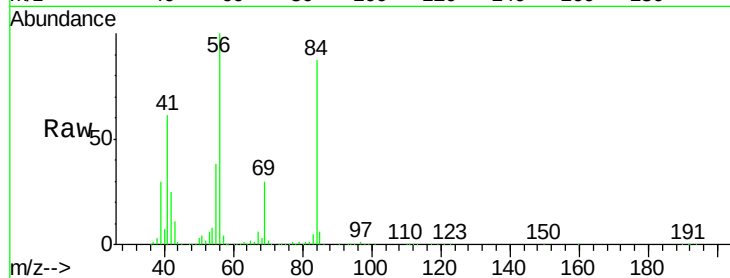
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	454258
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	85.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 105.39 ug/l

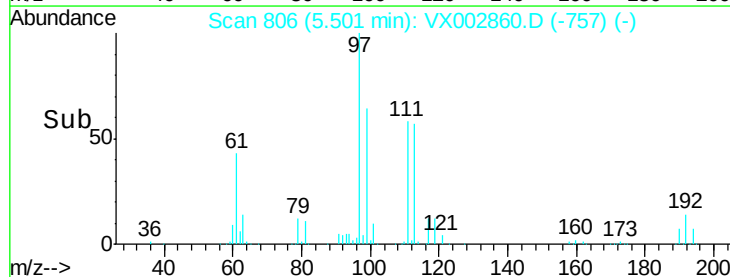
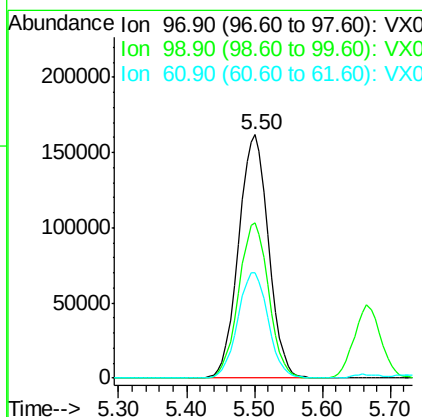
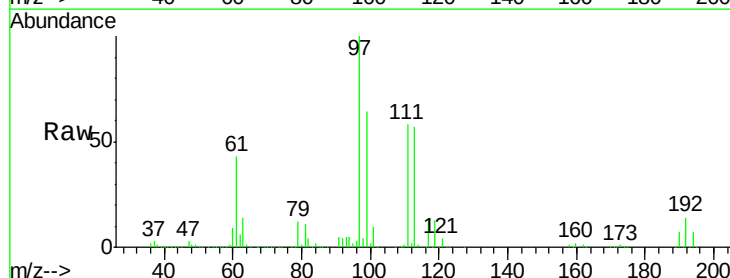
RT: 5.50 min Scan# 806

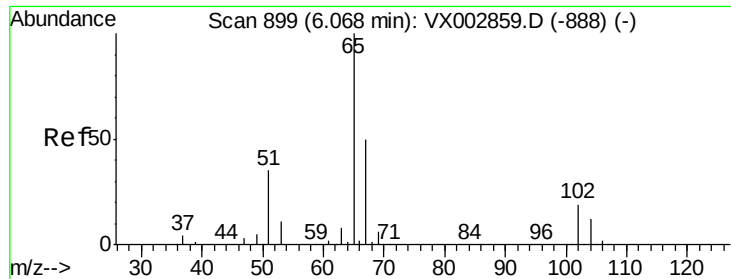
Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	97	Resp:	494360
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	44.2	36.4	54.6





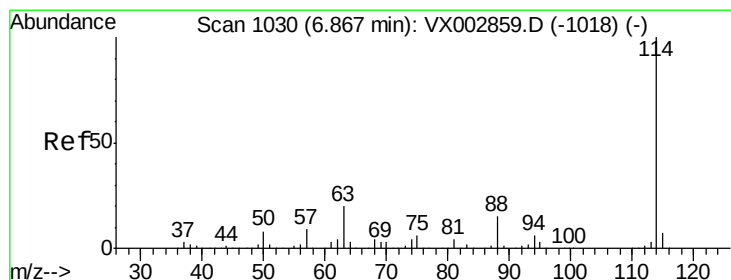
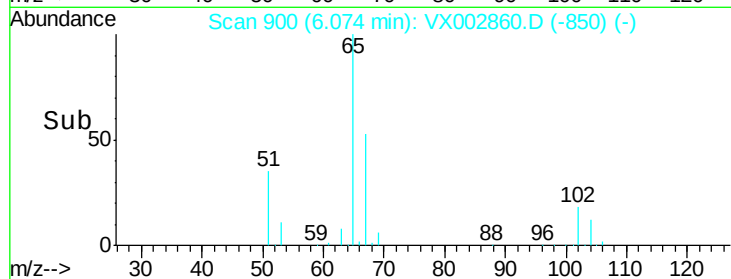
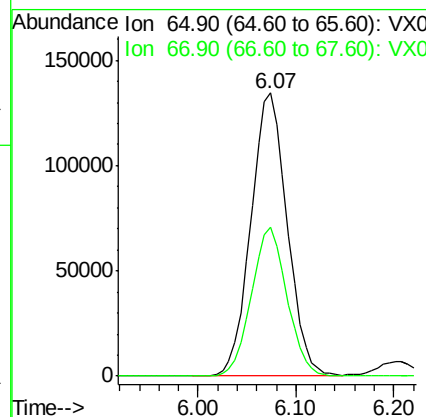
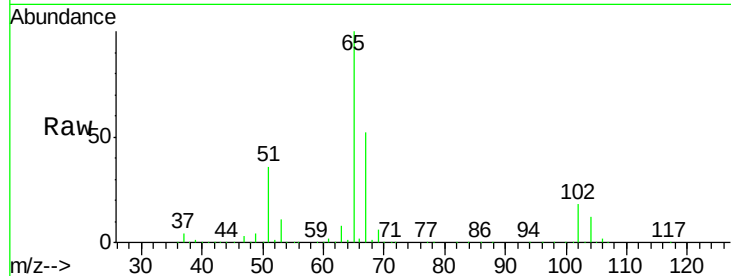
#33
 1,2-Dichloroethane-d4
 Concen: 85.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	346062		
67	51.7	0.0	102.6	

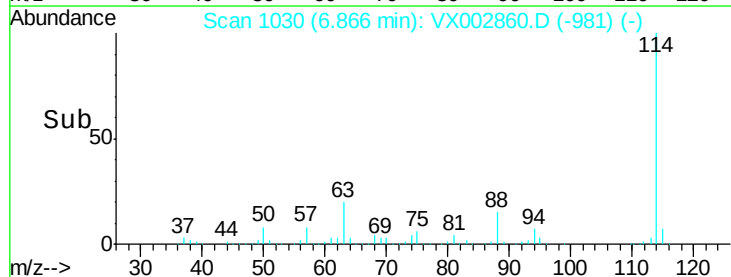
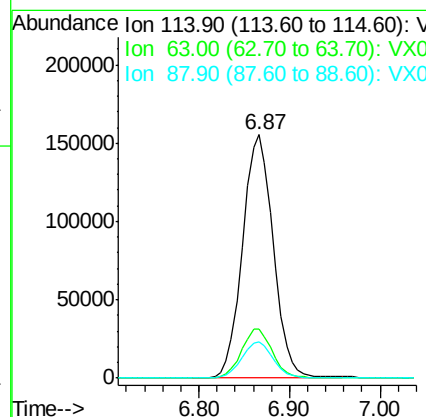
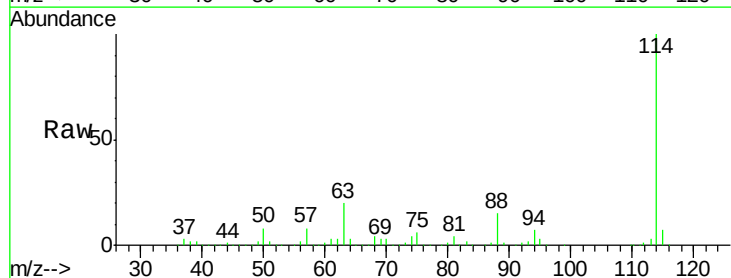
Manual Integrations
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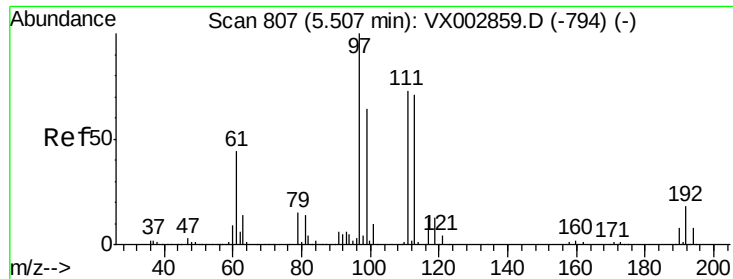
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	365065		
63	20.0	0.0	41.4	
88	15.1	0.0	30.0	





#35

Dibromofluoromethane

Concen: 95.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

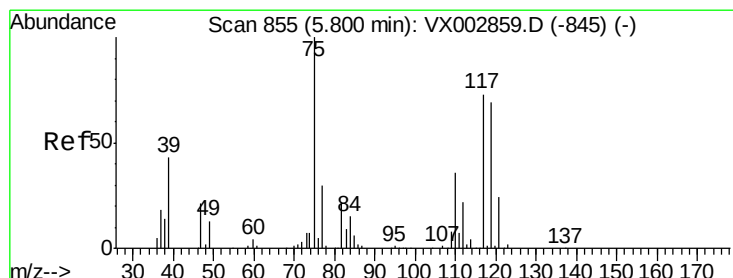
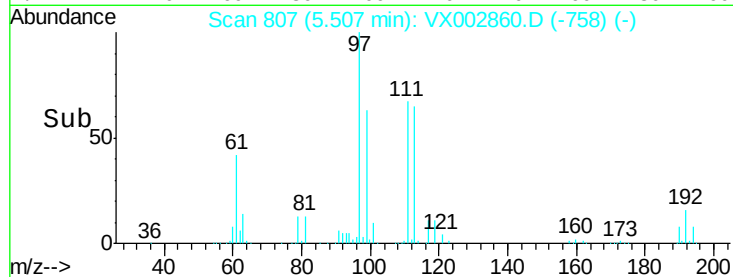
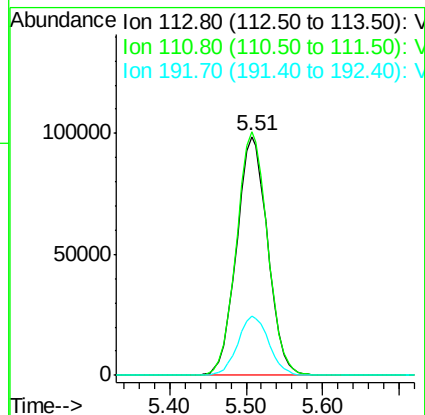
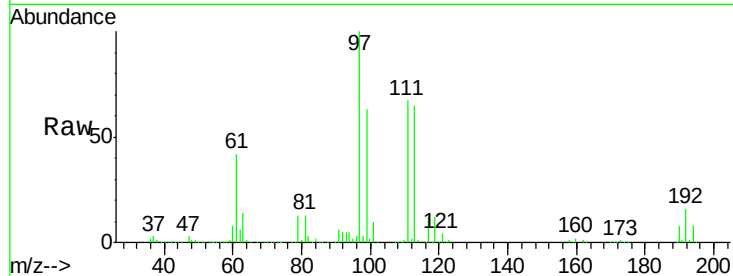
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	277331
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	24.9	19.1	28.7

Manual Integrations
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6/28/2018 2:26:42 PM



#36

1,1-Dichloropropene

Concen: 101.93 ug/l

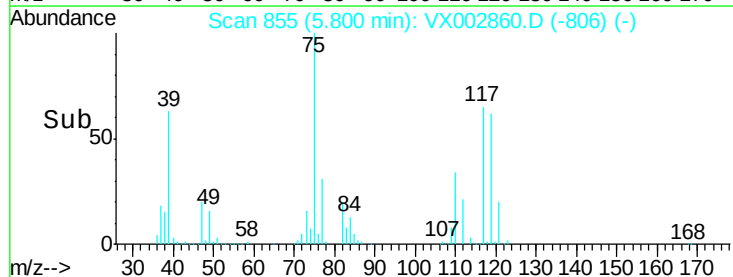
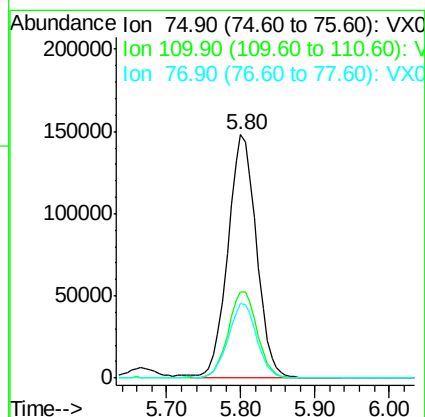
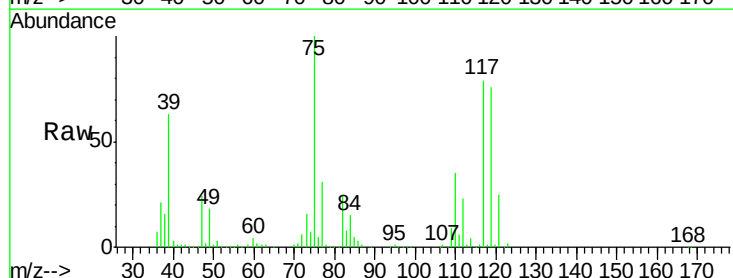
RT: 5.80 min Scan# 855

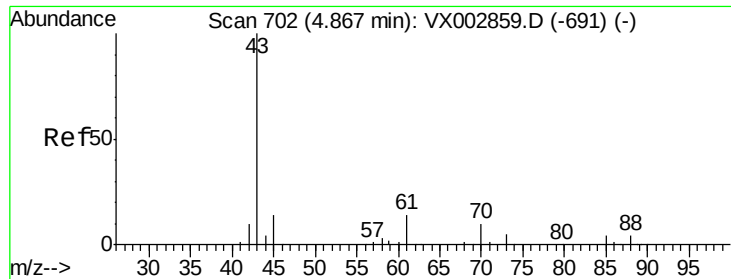
Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	75	Resp:	395192
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.4
77	30.6	24.3	36.5





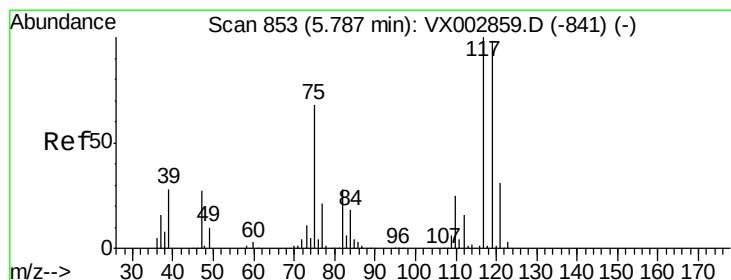
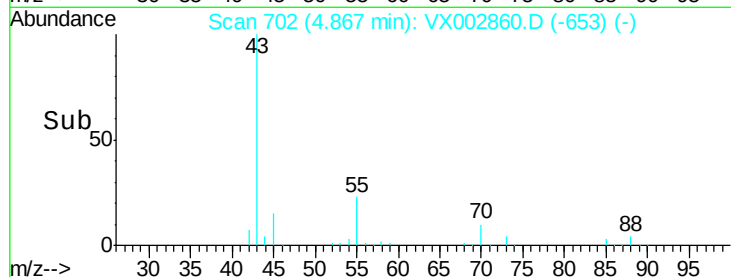
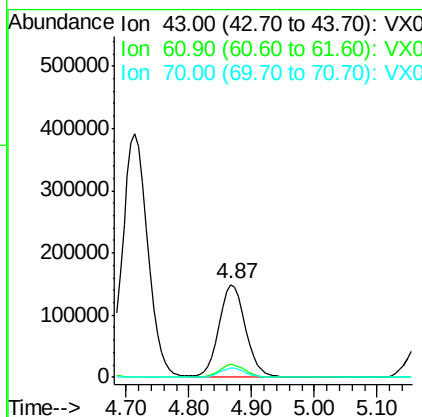
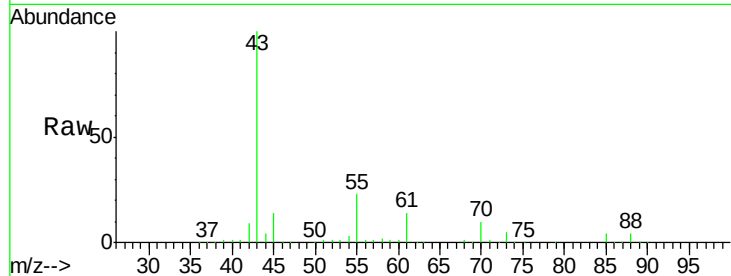
#37
Ethyl Acetate
Concen: 99.59 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.6	7.6	11.4

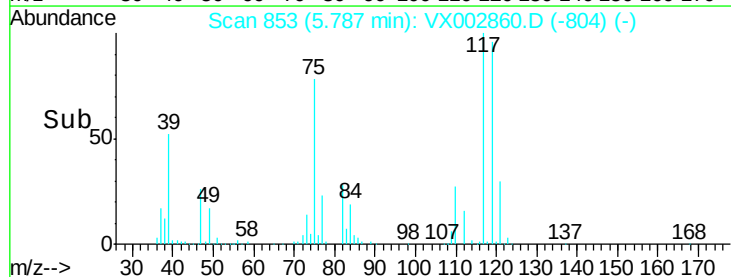
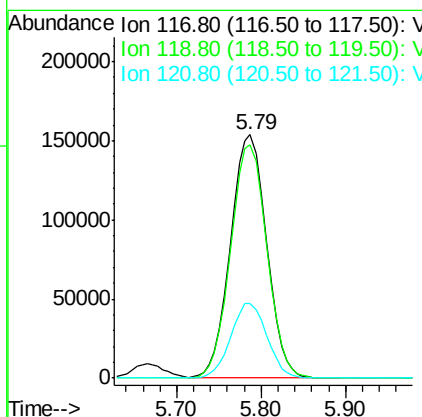
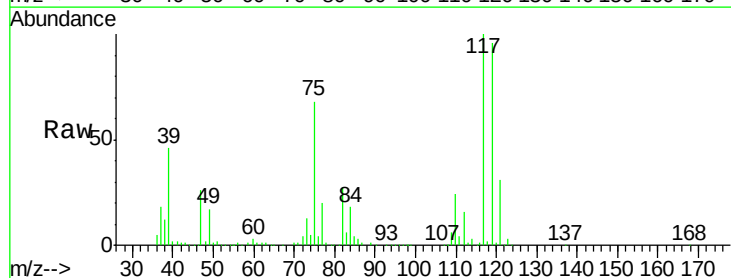
Manual Integrations
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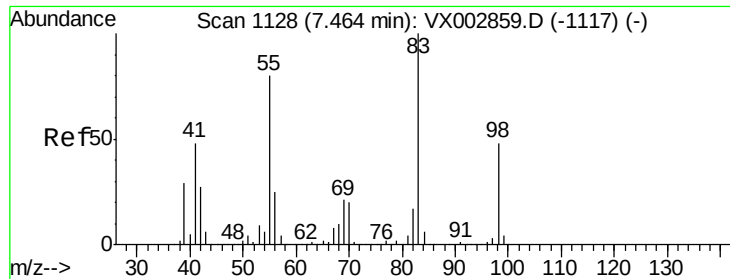
MMDadoda
6/28/2018 2:26:42 PM



#38
Carbon Tetrachloride
Concen: 115.78 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
121	30.8	24.4	36.6





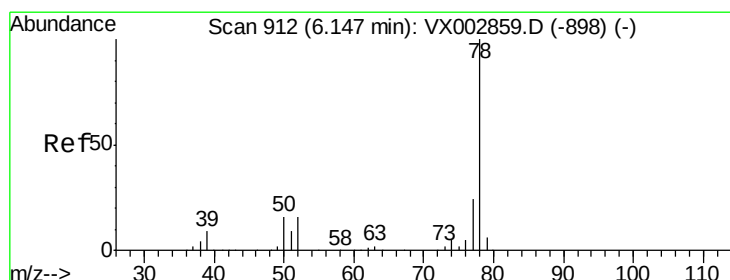
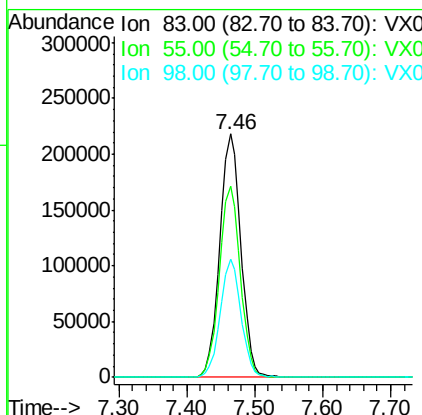
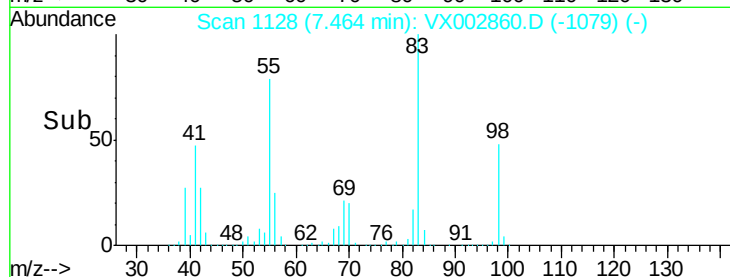
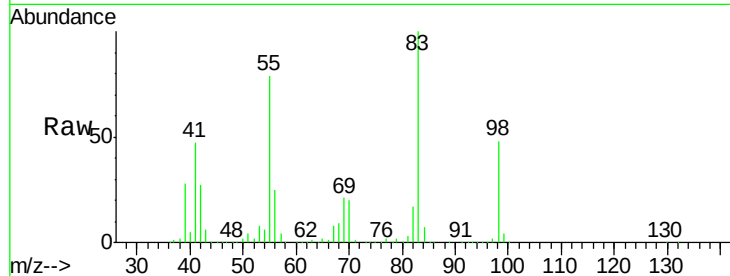
#39
Methylvlcyclohexane
Concen: 103.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	469553		
55	78.7		65.4	98.0
98	48.4		37.4	56.0

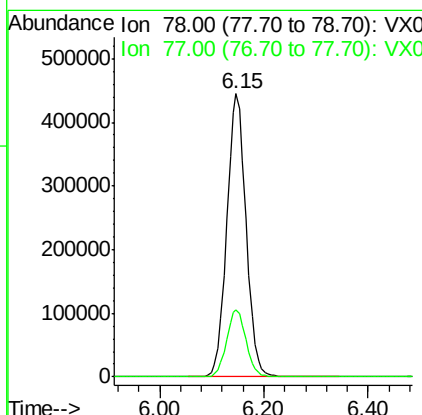
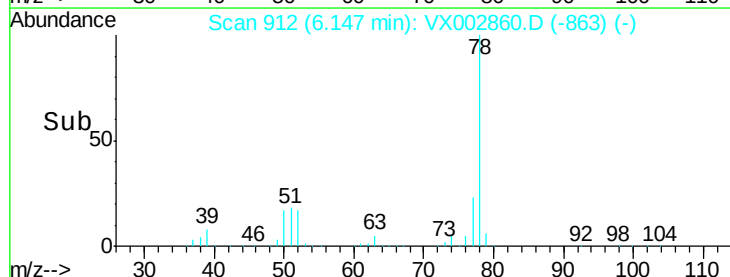
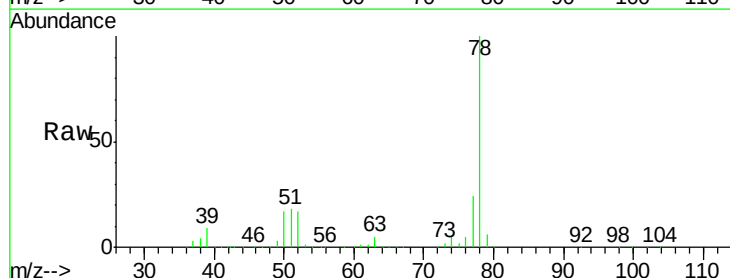
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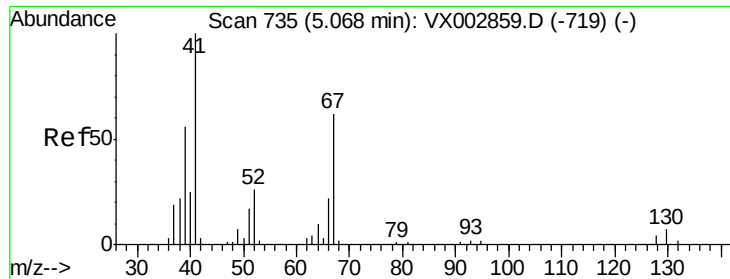
MMDadoda
6/28/2018 2:26:42 PM



#40
Benzene
Concen: 99.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1160292		
77	23.8		19.1	28.7





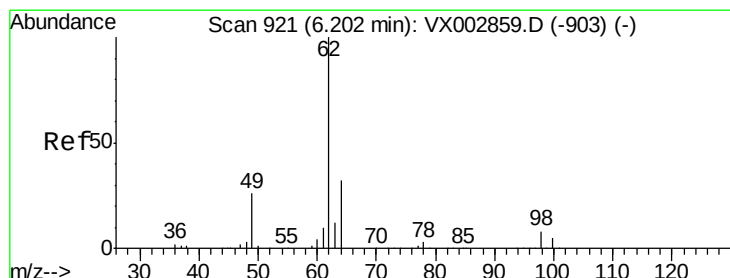
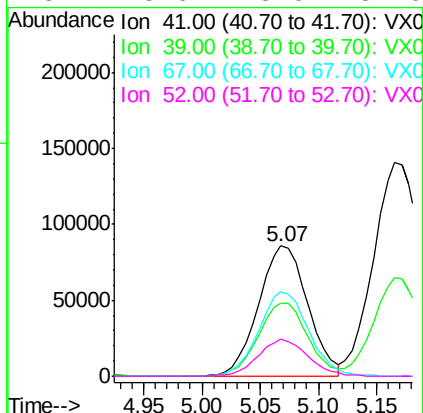
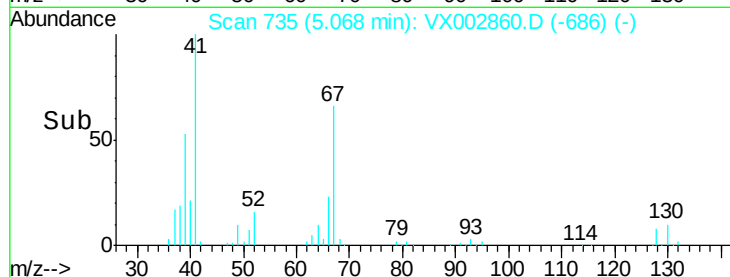
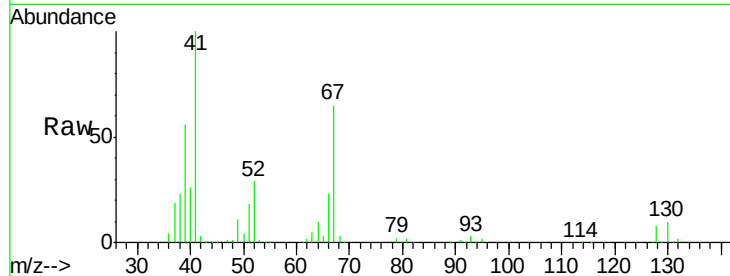
#41
Methacrylonitrile
Concen: 101.37 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.8	68.6	
67	65.9	51.3	76.9	
52	28.6	23.0	34.6	

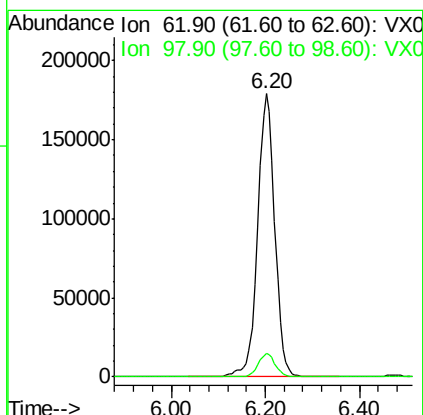
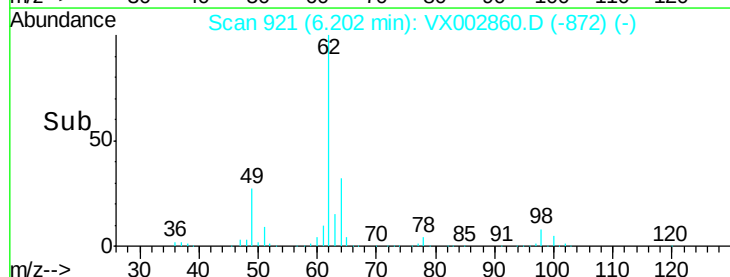
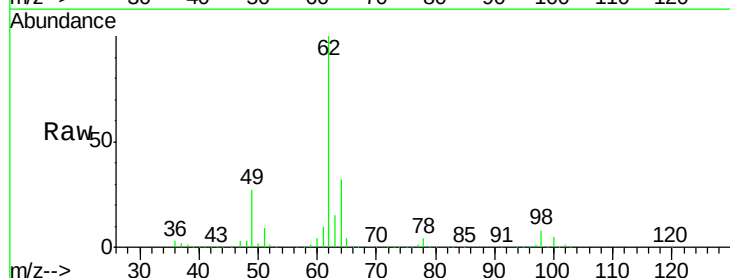
Manual Integrations
APPROVED

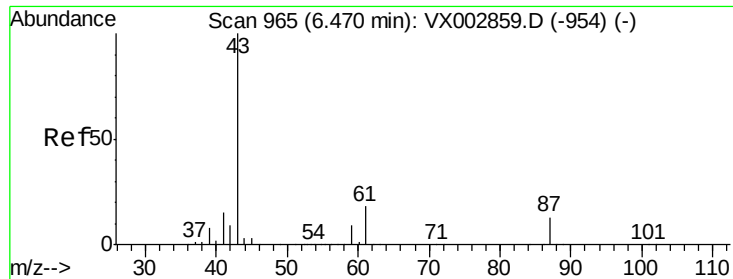
MMDadoda
6/28/2018 2:26:42 PM



#42
1,2-Dichloroethane
Concen: 101.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

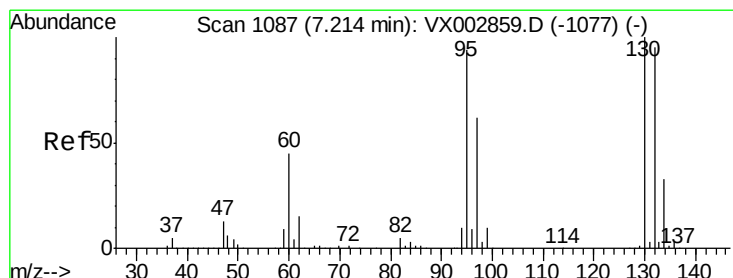
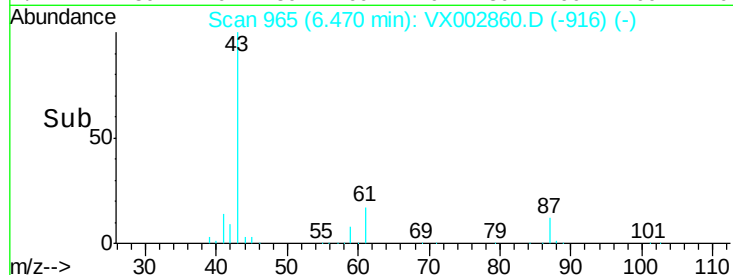
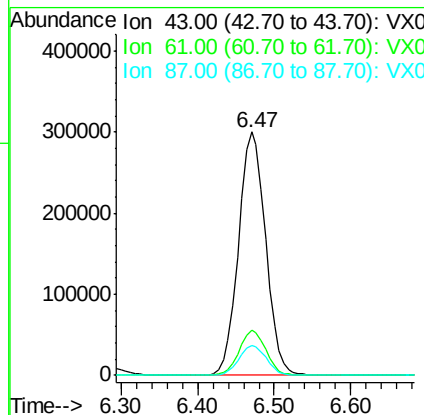
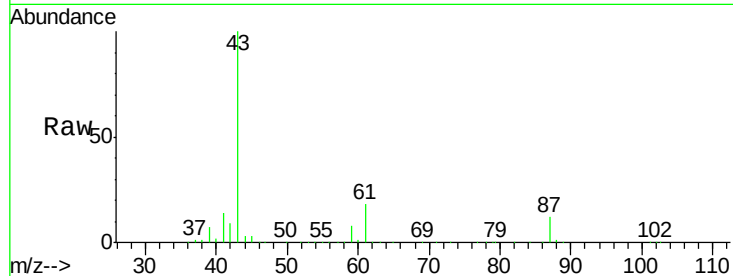
Isopropyl Acetate
 Concen: 101.30 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	43	Resp:	736530
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.4	9.5	14.3

Manual Integrations
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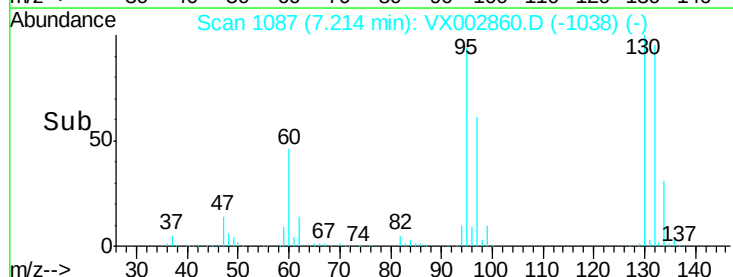
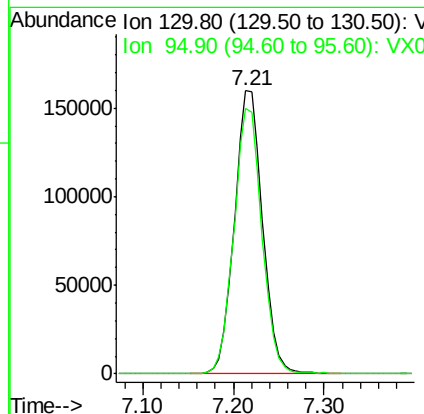
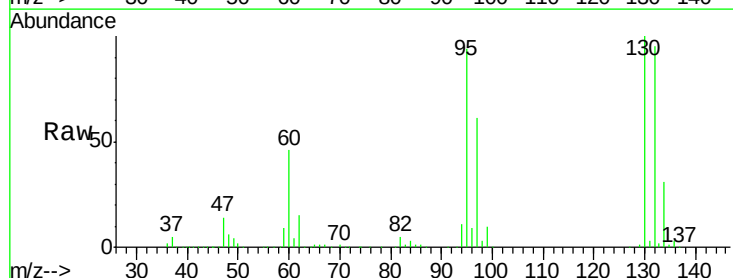
MMDadoda
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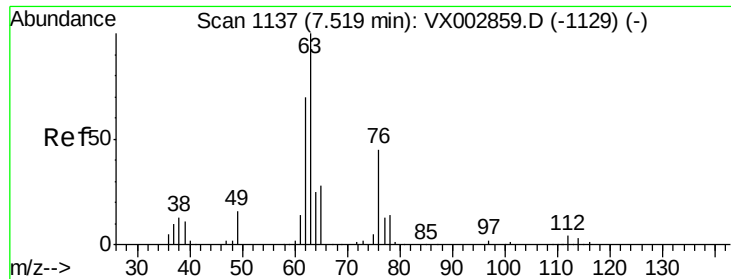


#44

Trichloroethene
 Concen: 102.35 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion:	130	Resp:	343458
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	185.4





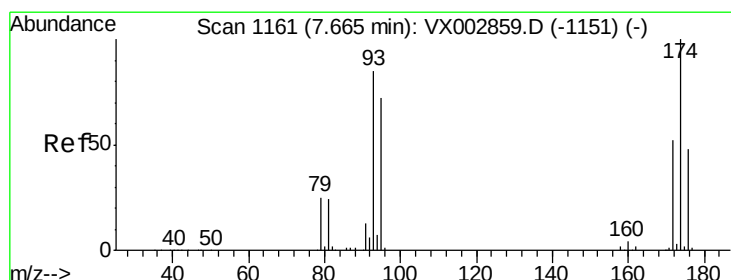
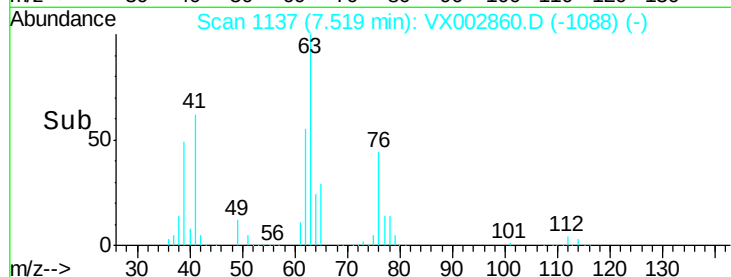
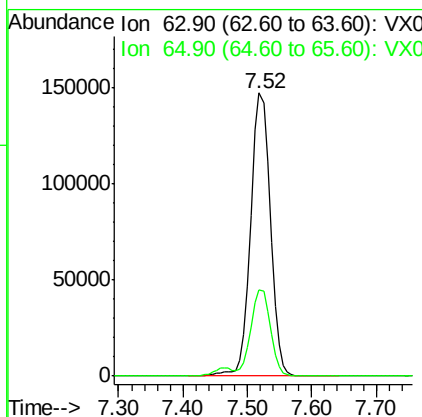
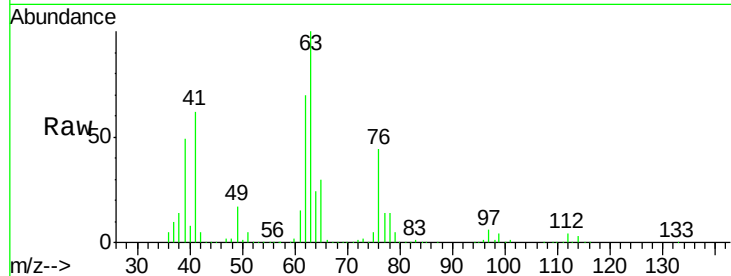
#45
 1,2-Dichloropropane
 Concen: 100.07 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 306199
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

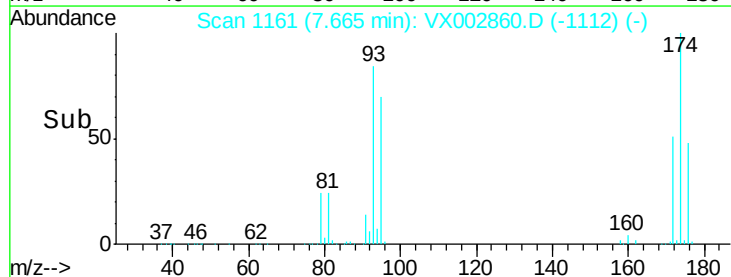
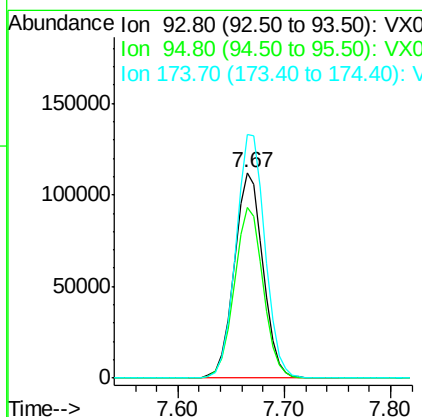
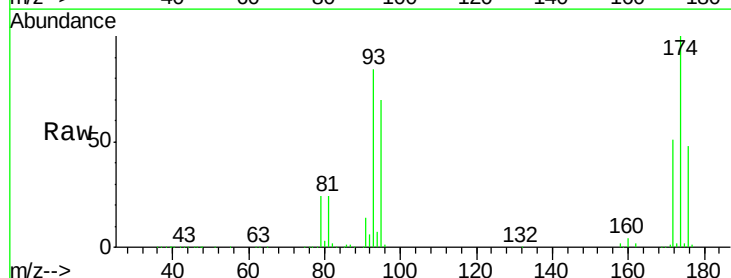
Manual Integrations
 APPROVED

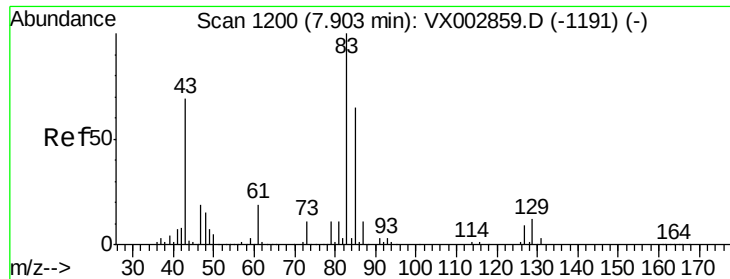
MMDadoda
 6/28/2018 2:26:42 PM



#46
 Dibromomethane
 Concen: 103.78 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion: 93 Resp: 212407
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 120.5 92.4 138.6





#47

Bromodichloromethane

Concen: 116.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

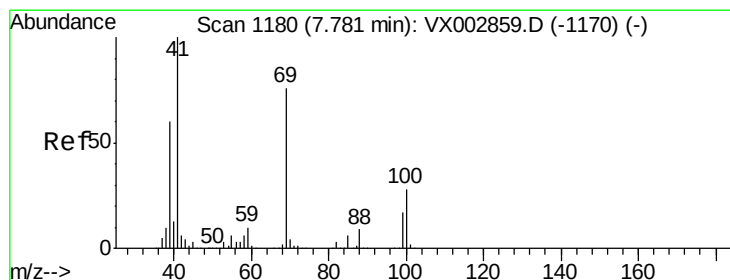
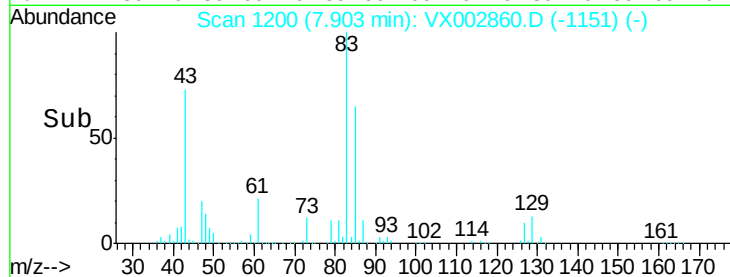
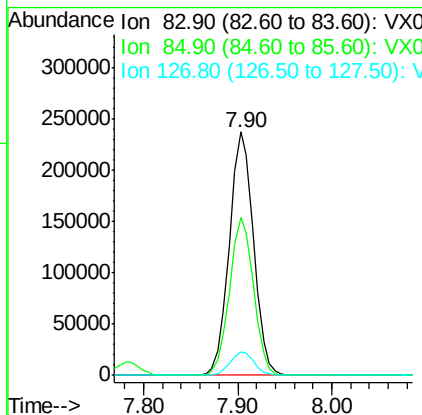
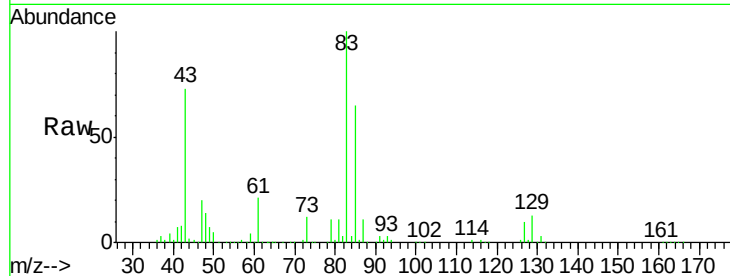
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	421524
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5
127	9.5	7.0	10.4

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 105.06 ug/l

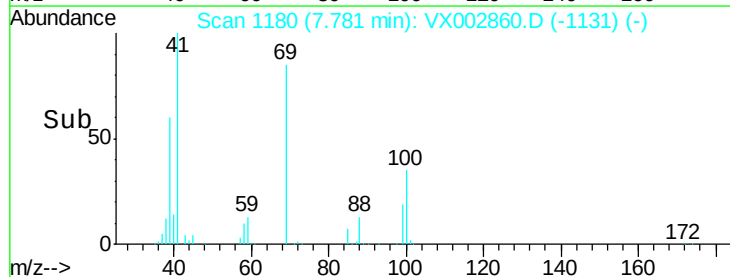
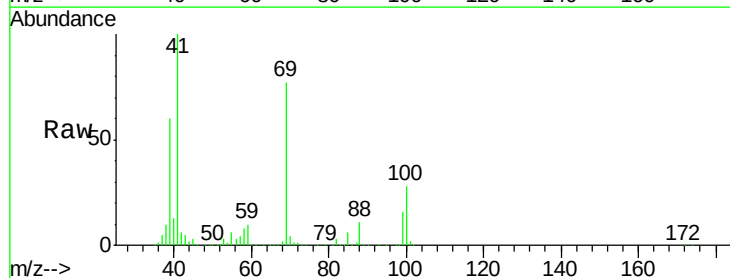
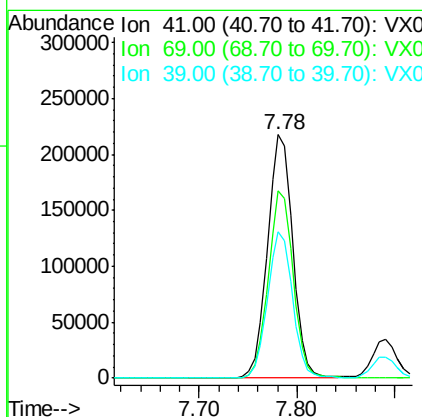
RT: 7.78 min Scan# 1180

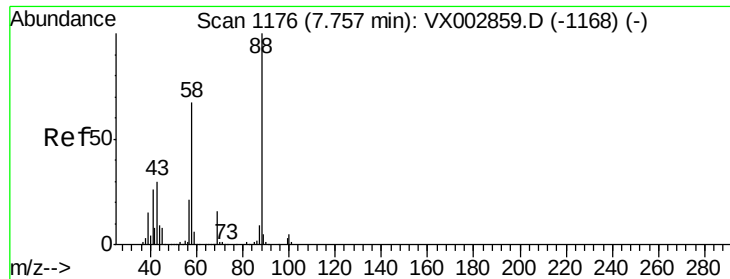
Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	41	Resp:	390375
Ion	Ratio	Lower	Upper
41	100		
69	76.4	59.1	88.7
39	59.8	48.9	73.3





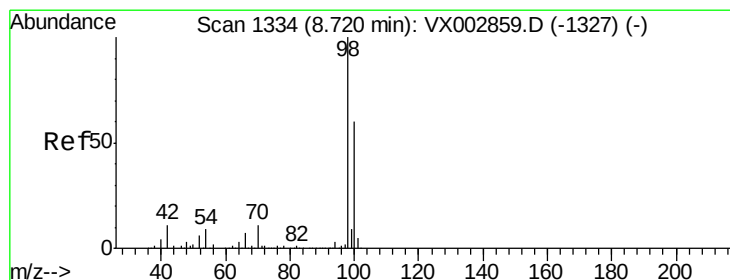
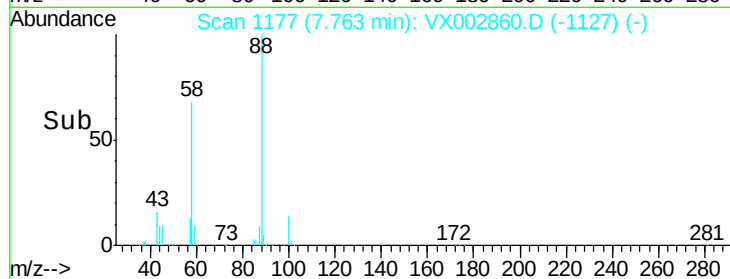
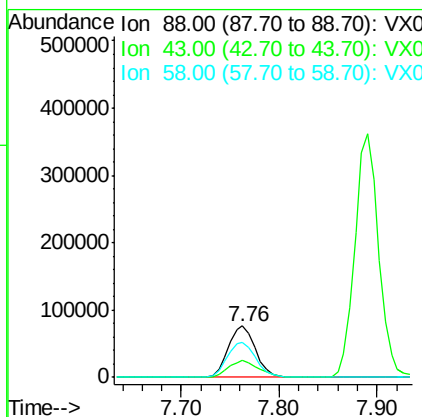
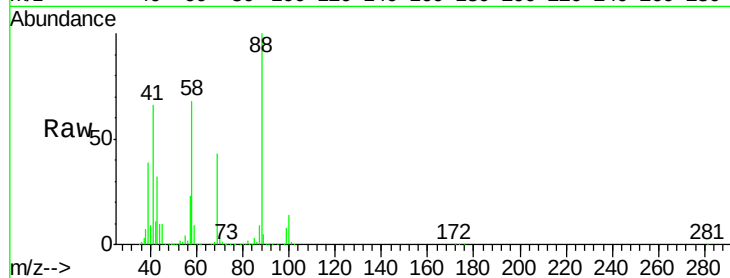
#49
1,4-Dioxane
Concen: 2088.14 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.8	44.6
58	71.3	57.1	85.7

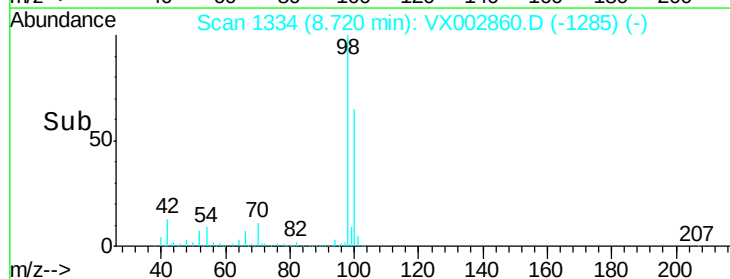
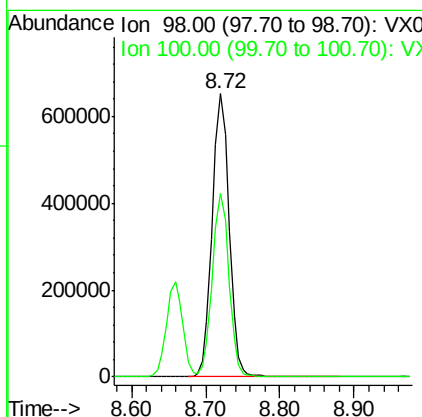
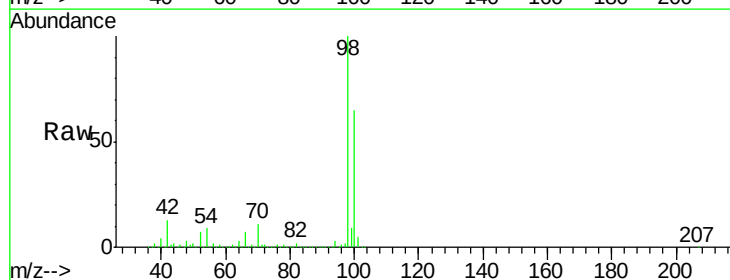
Manual Integrations
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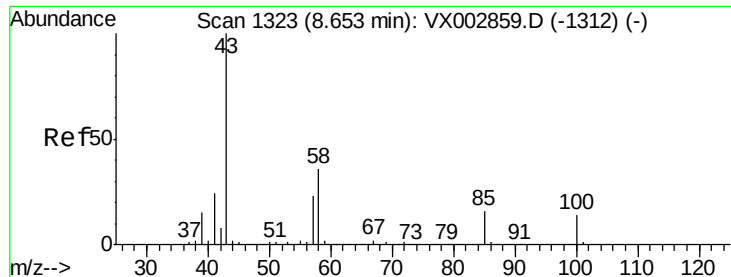
MMDadoda
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#50
Toluene-d8
Concen: 92.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





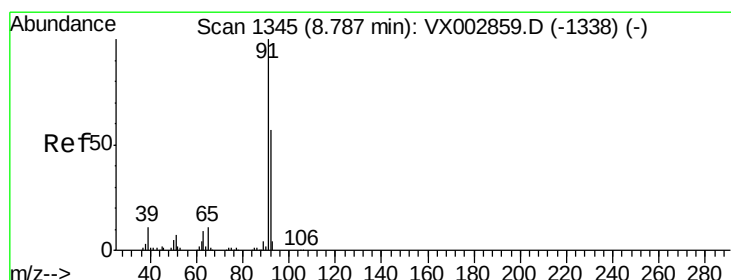
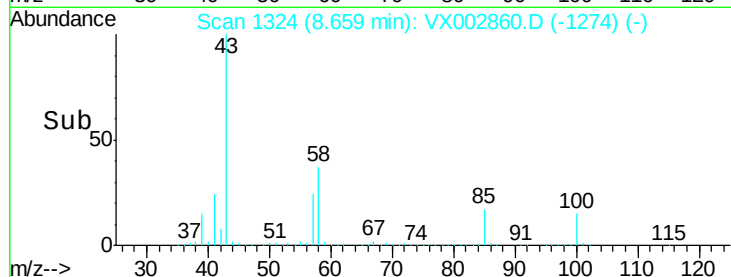
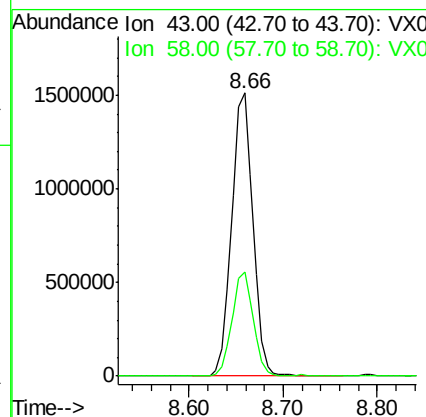
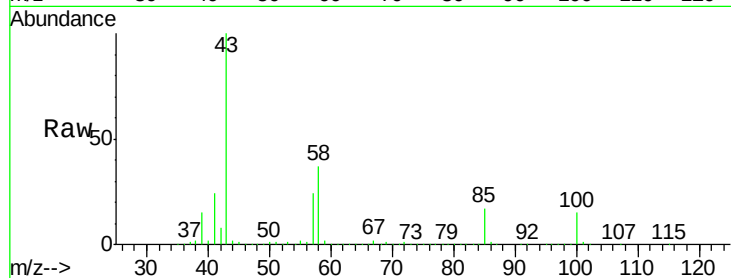
#51
4-Methyl-2-Pentanone
Concen: 507.23 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2367950
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8

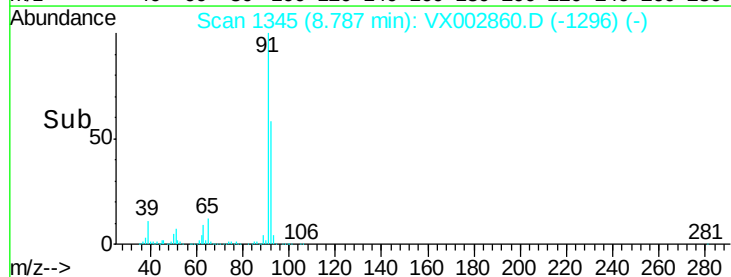
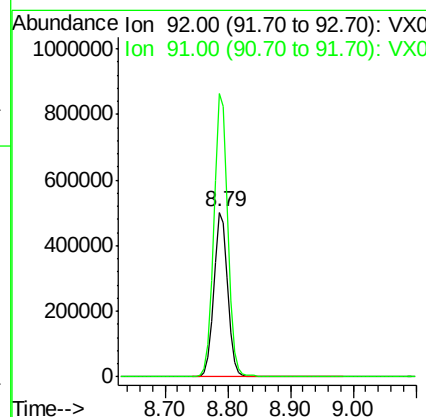
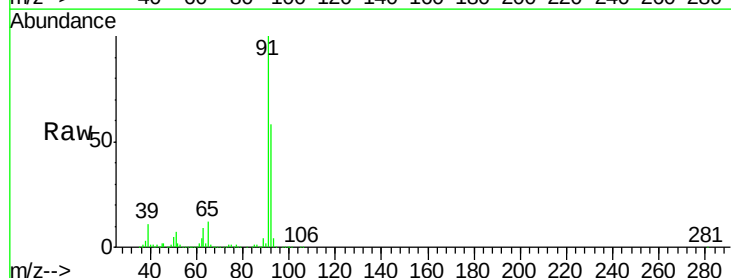
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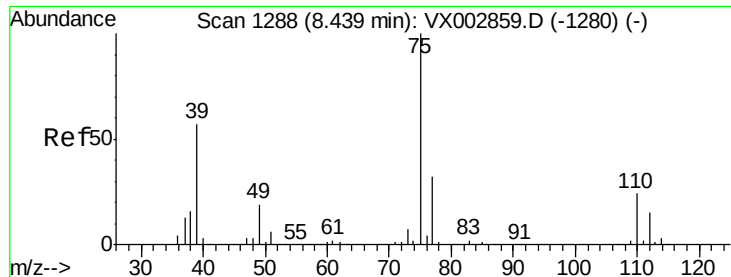
MMDadoda
6/28/2018 2:26:42 PM



#52
Toluene
Concen: 102.56 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion: 92 Resp: 760590
Ion Ratio Lower Upper
92 100
91 173.8 140.4 210.6





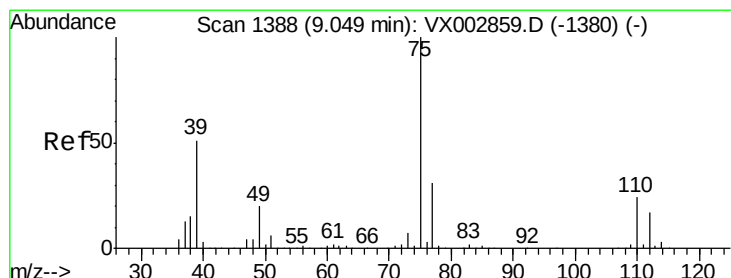
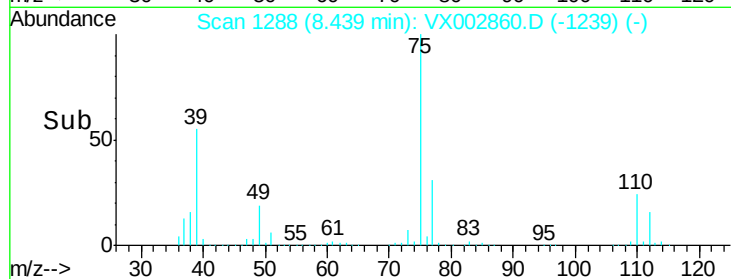
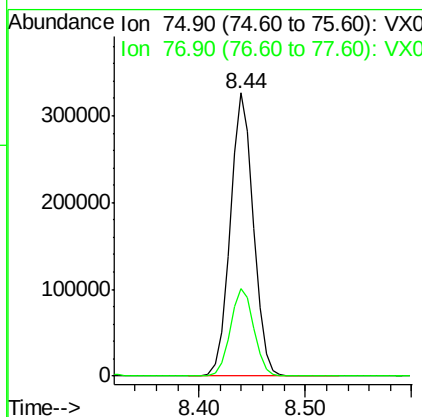
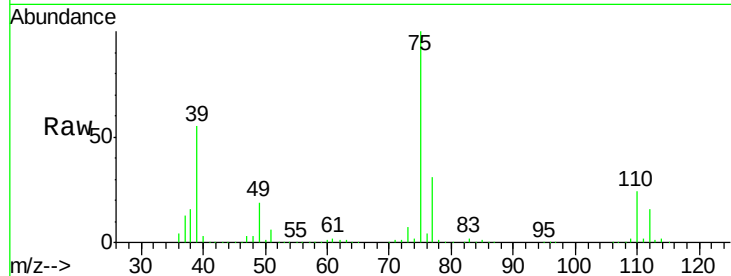
#53
 t-1,3-Dichloropropene
 Concen: 116.82 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

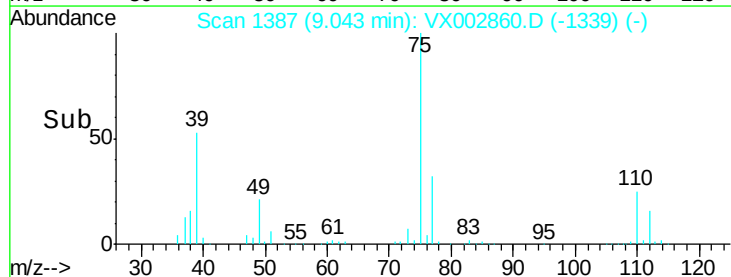
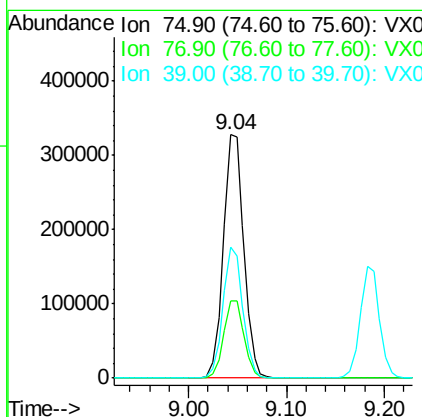
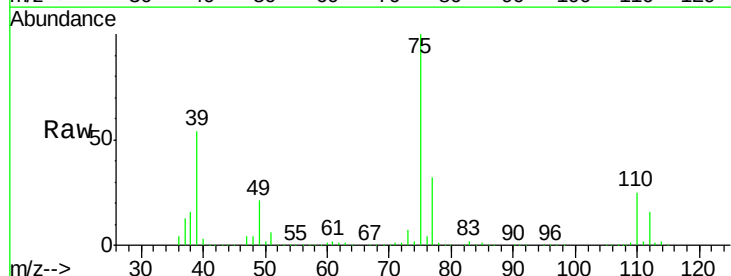
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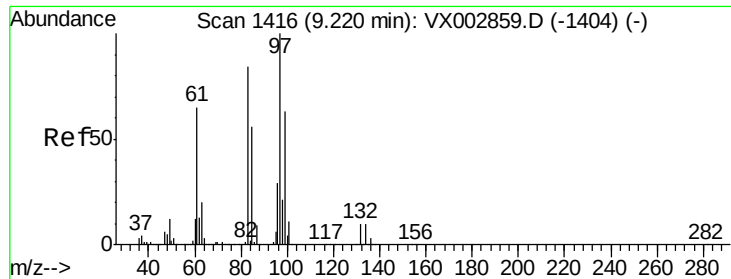
MMDadoda
 6/28/2018 2:26:42 PM



#54
 cis-1,3-Dichloropropene
 Concen: 120.43 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	53.5	42.4	63.6





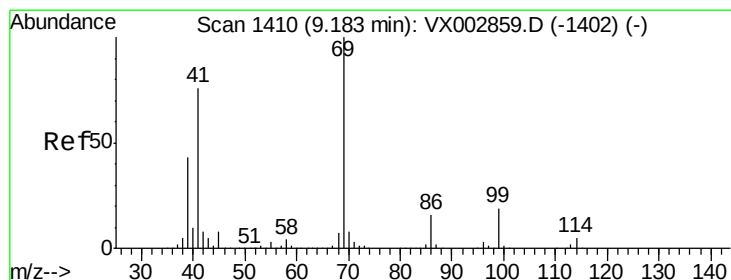
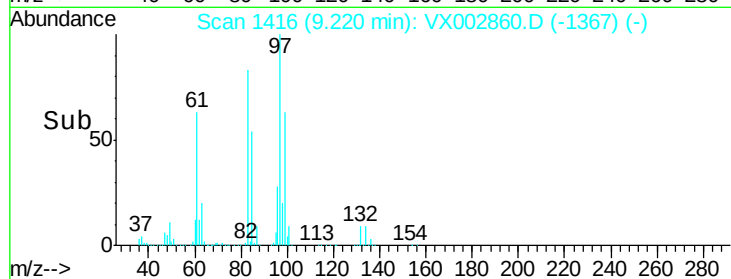
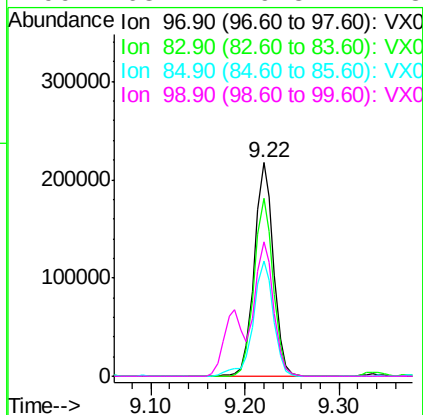
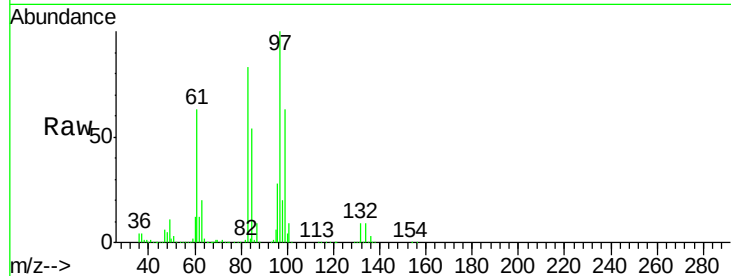
#55
 1,1,2-Trichloroethane
 Concen: 104.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	313469
Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.2	105.2
85	54.1	44.9	67.3
99	63.1	49.8	74.8

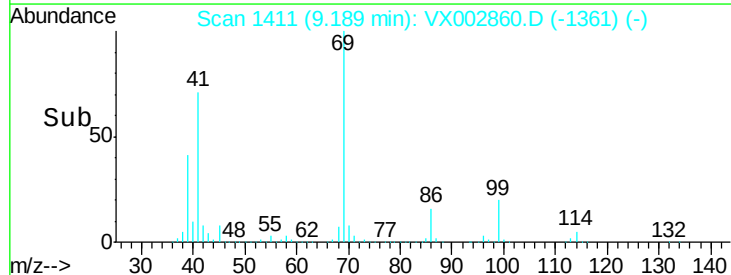
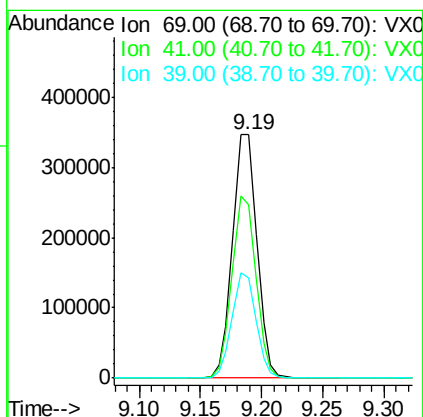
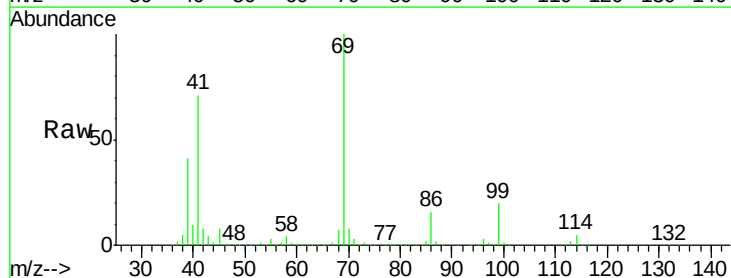
Manual Integrations
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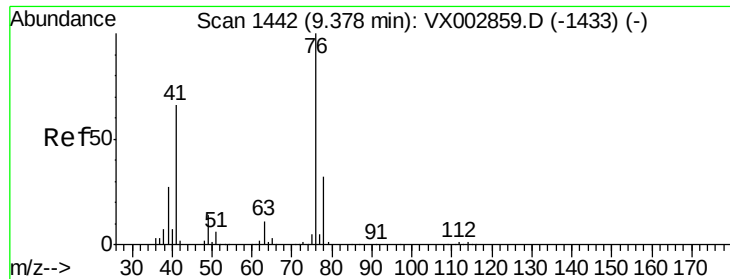
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#56
 Ethyl methacrylate
 Concen: 104.16 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion:	69	Resp:	480313
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	42.5	35.8	53.8





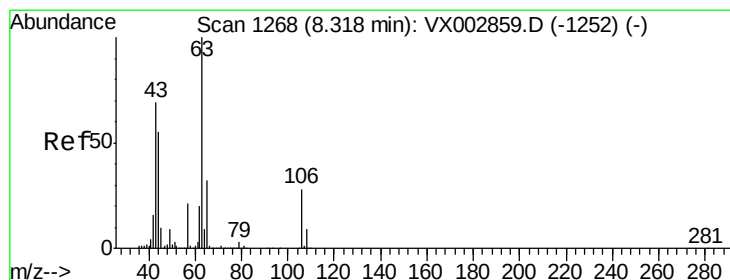
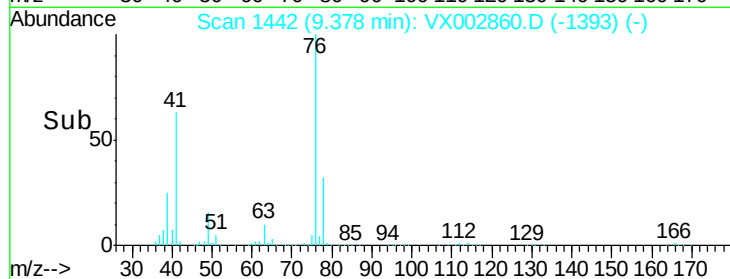
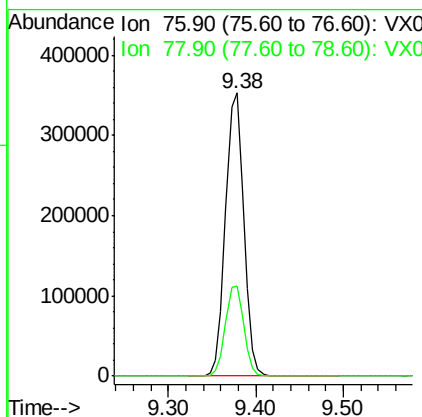
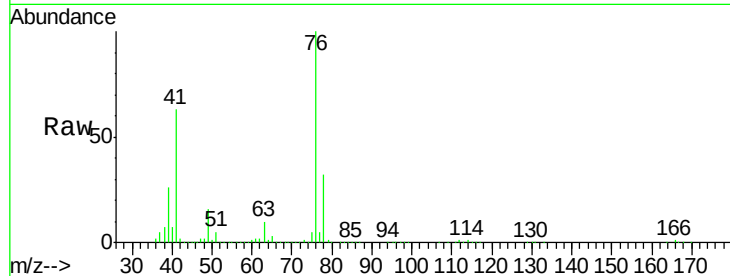
#57
 1,3-Dichloropropane
 Concen: 100.90 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

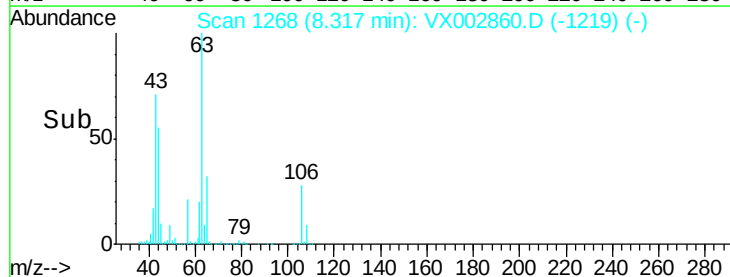
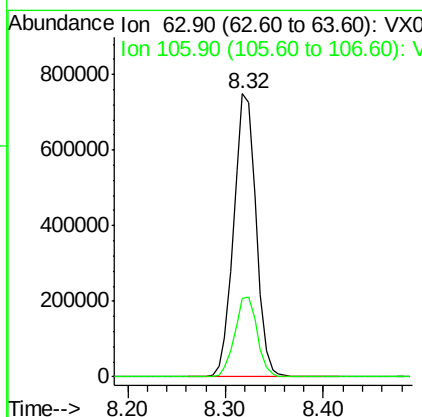
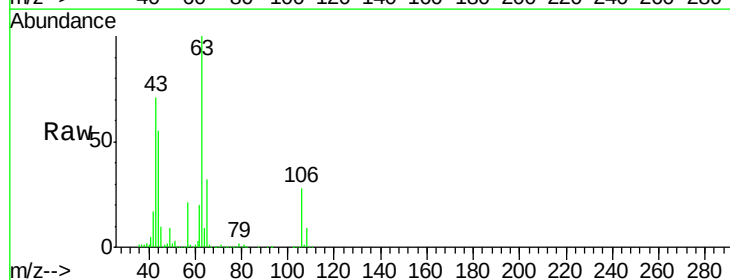
Manual Integrations
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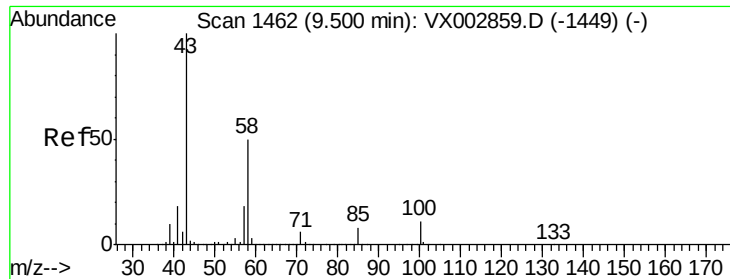
MMDadoda
 6/28/2018 2:26:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 531.14 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	21.8	32.8





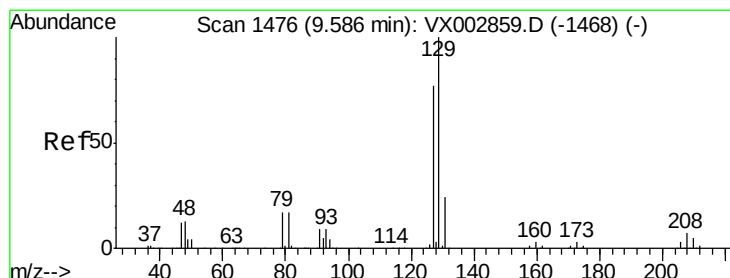
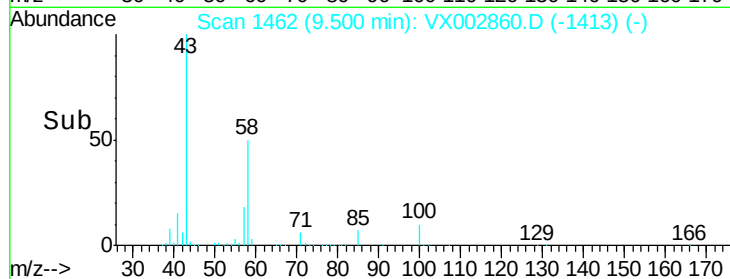
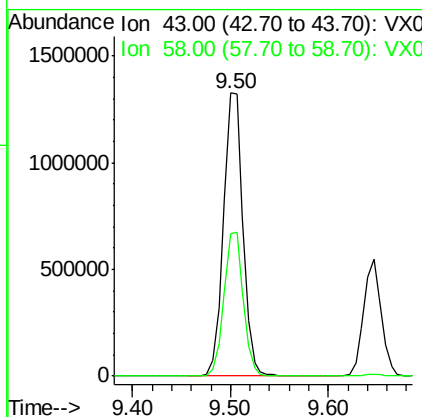
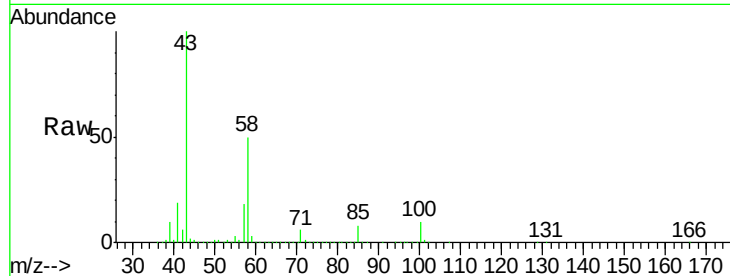
#59
2-Hexanone
Concen: 521.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1832824
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6

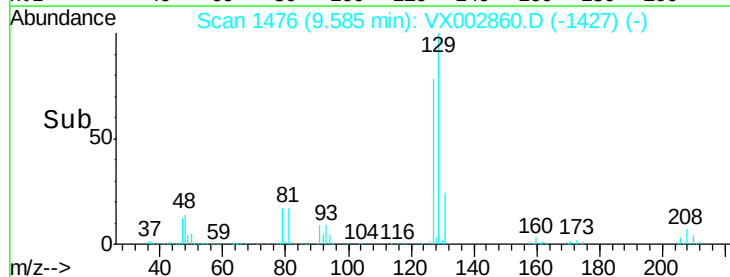
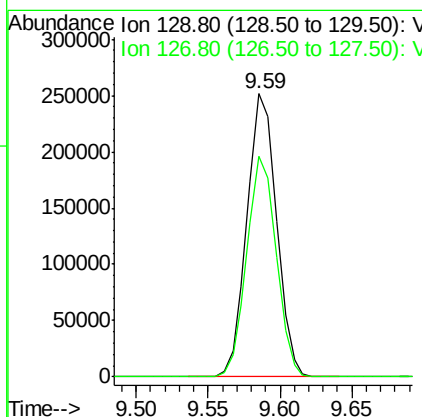
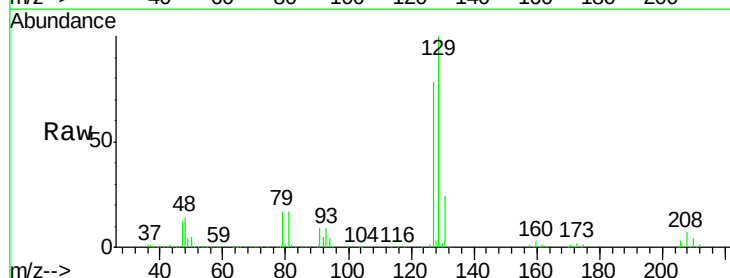
Manual Integrations
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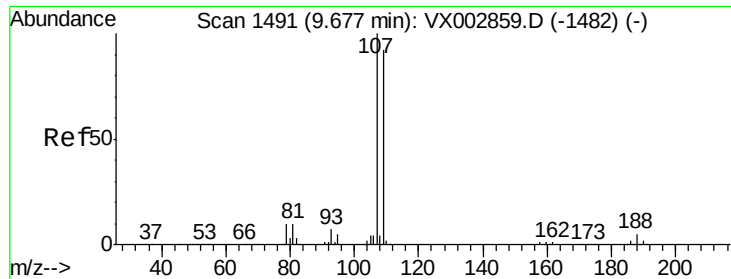
MMDadoda
6/28/2018 2:26:42 PM



#60
Dibromochloromethane
Concen: 123.79 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion:129 Resp: 358061
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 107.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 332810

Ion Ratio Lower Upper

107 100

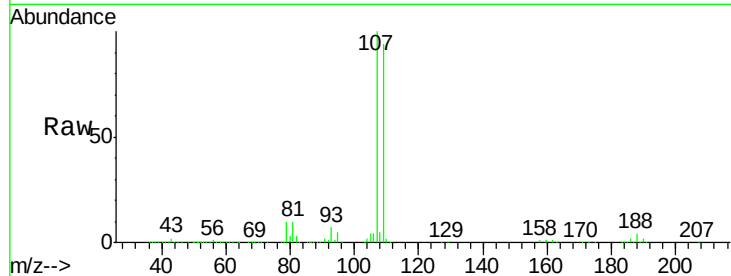
109 94.7 75.3 112.9

Manual Integrations

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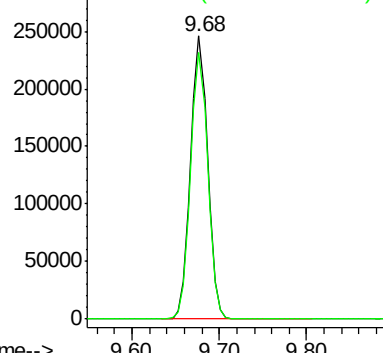
MMDadoda

6/28/2018 2:26:42 PM

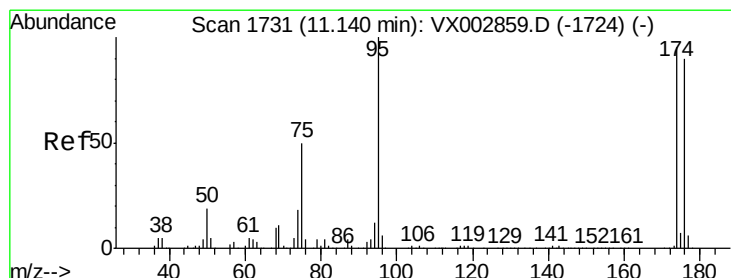
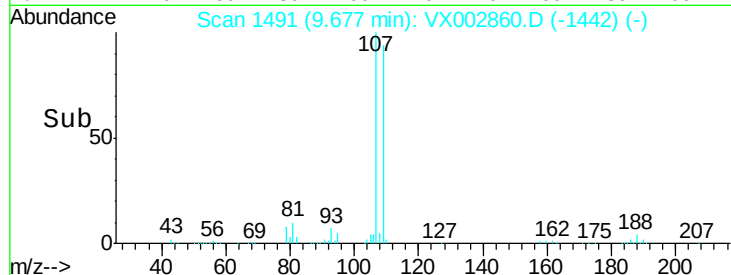


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 97.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

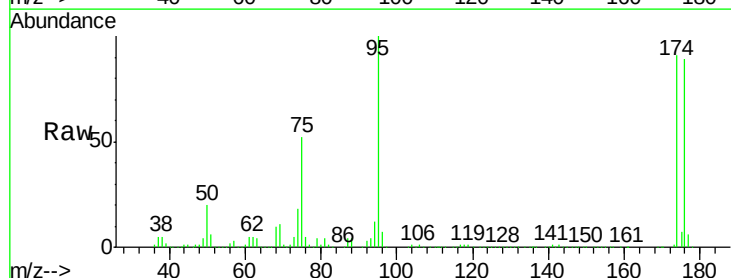
Tgt Ion: 95 Resp: 409120

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

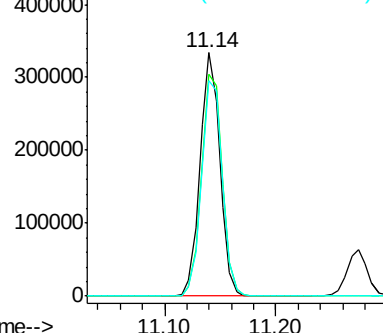
176 93.3 0.0 181.0



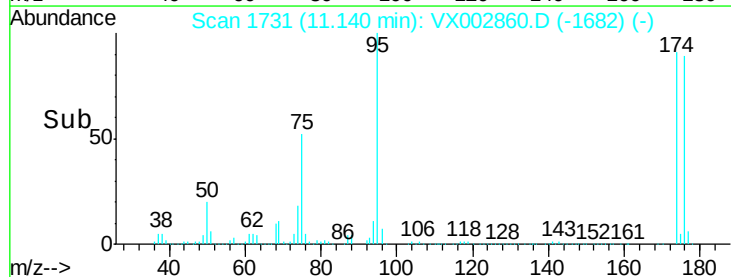
Abundance Ion 94.90 (94.60 to 95.60): VX0

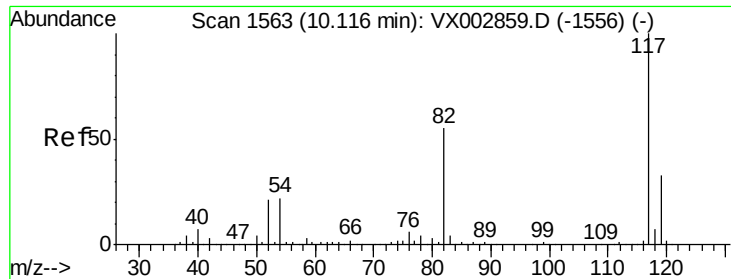
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





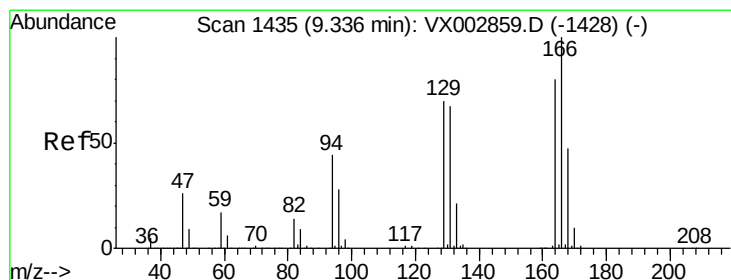
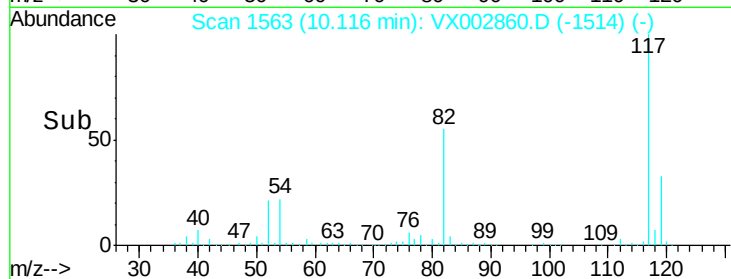
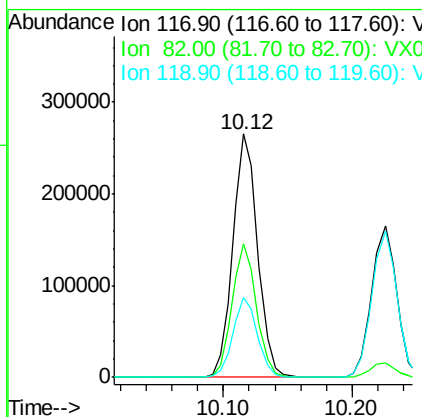
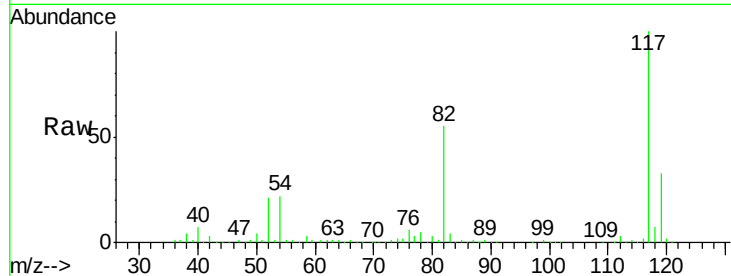
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	32.8	25.8	38.6

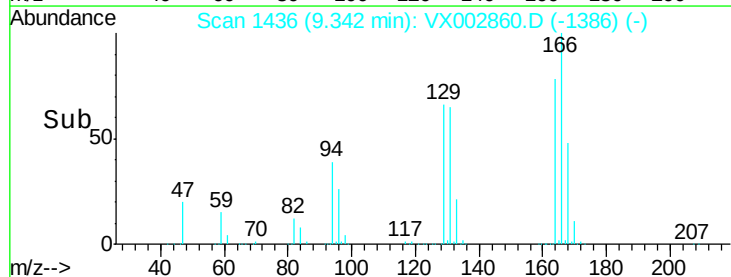
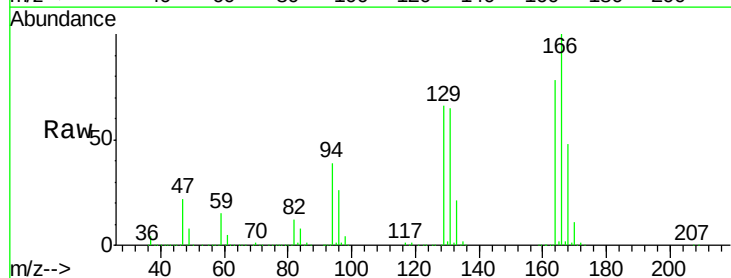
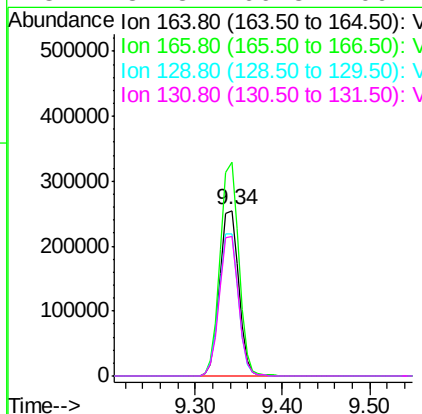
Manual Integrations
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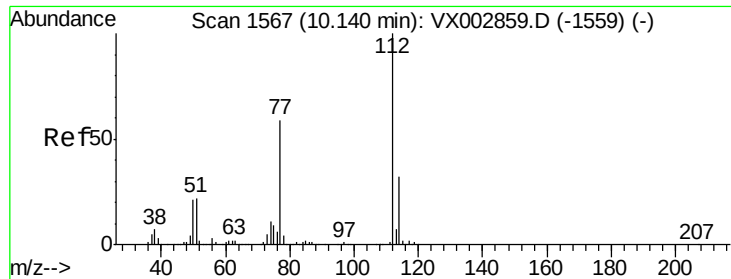
MMDadoda
6/28/2018 2:26:42 PM



#64
Tetrachloroethene
Concen: 96.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.9	154.3
129	85.7	68.6	102.8
131	84.3	66.8	100.2





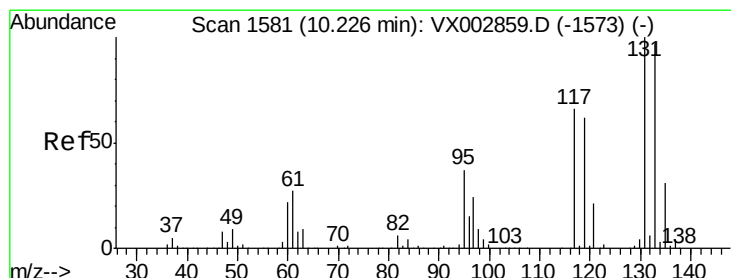
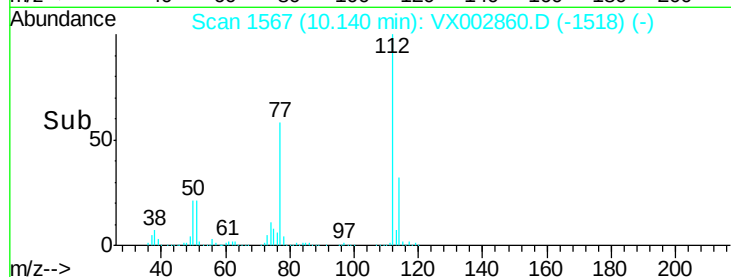
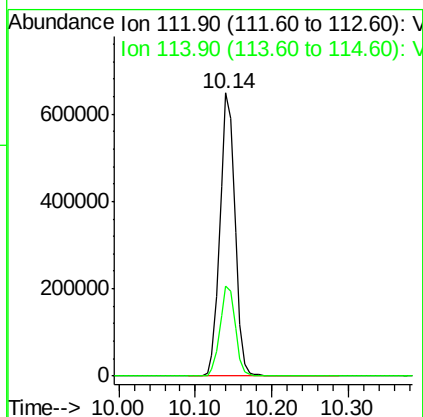
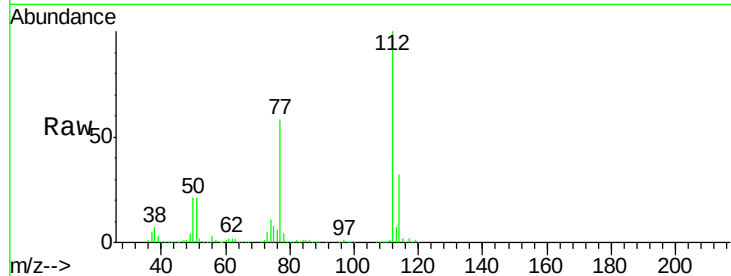
#65
Chlorobenzene
Concen: 100.65 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 881897
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

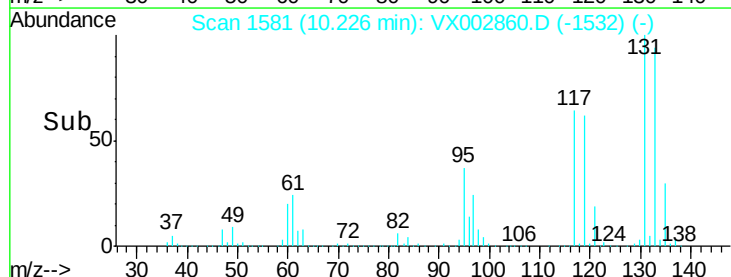
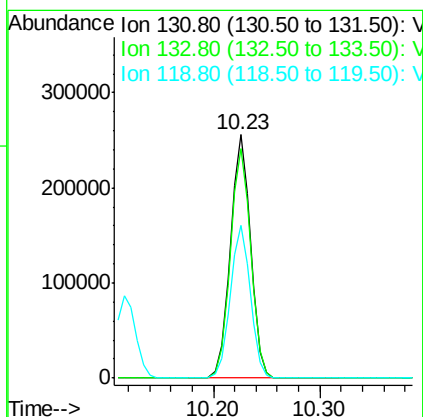
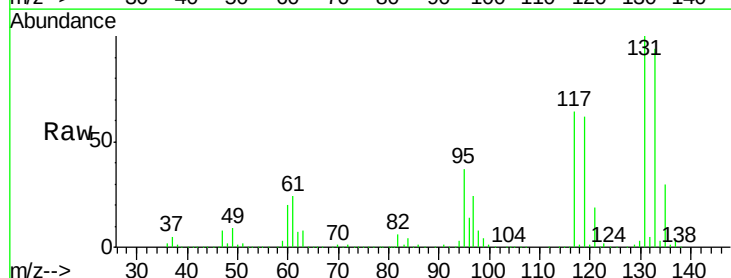
Manual Integrations
APPROVED

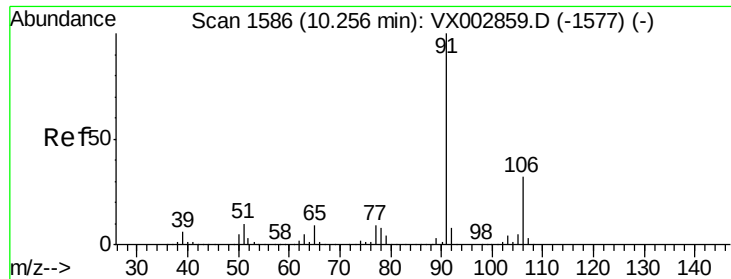
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 113.58 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion:131 Resp: 339303
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 62.6 31.8 95.3





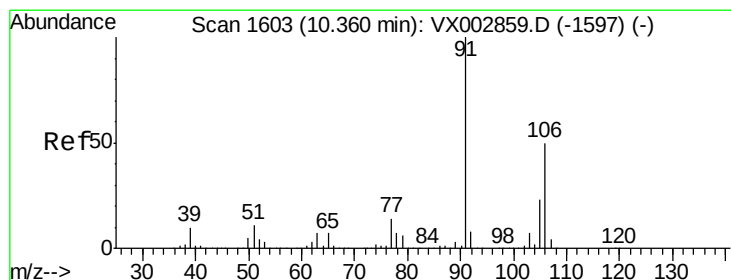
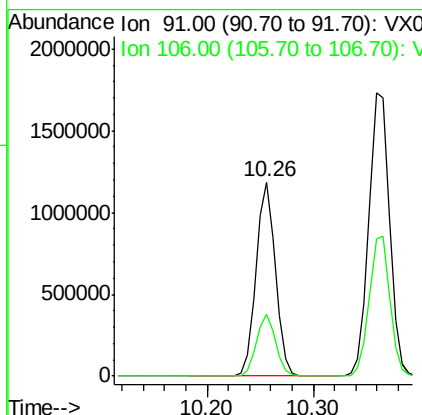
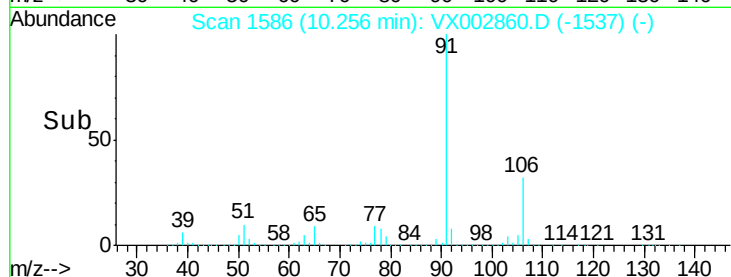
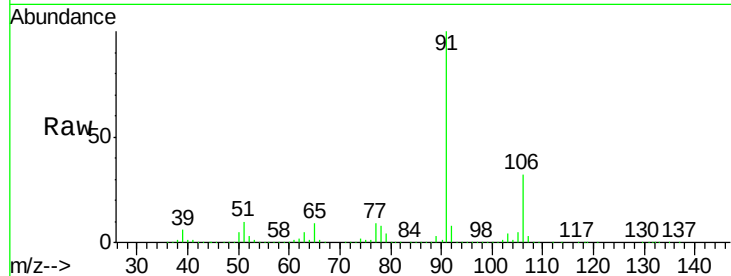
#67
Ethyl Benzene
Concen: 102.86 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1520183
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

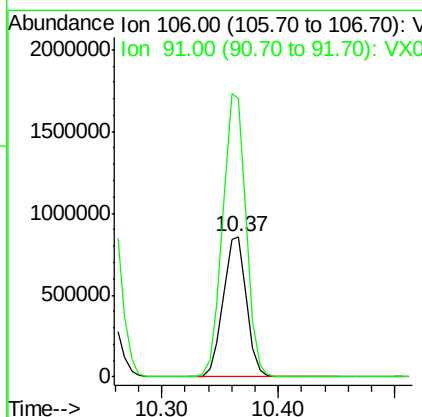
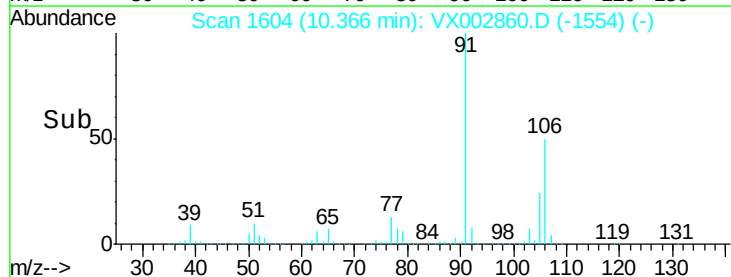
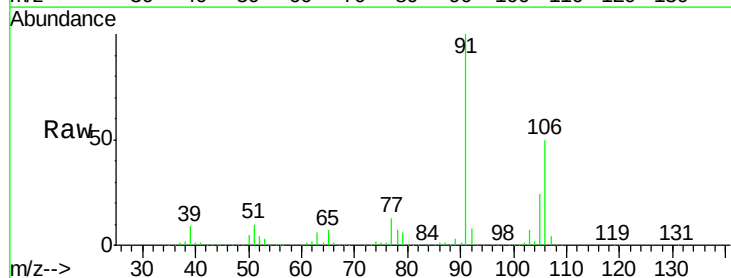
Manual Integrations
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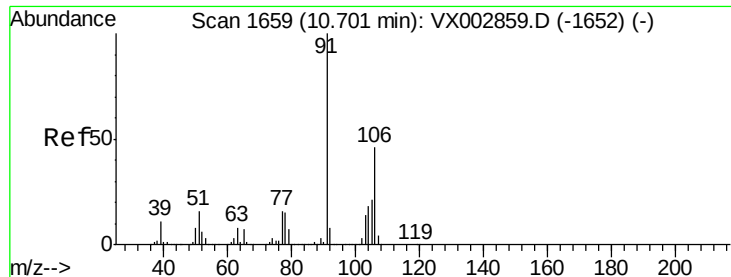
MMDadoda
6/28/2018 2:26:42 PM



#68
m/p-Xylenes
Concen: 206.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion: 106 Resp: 1174841
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2





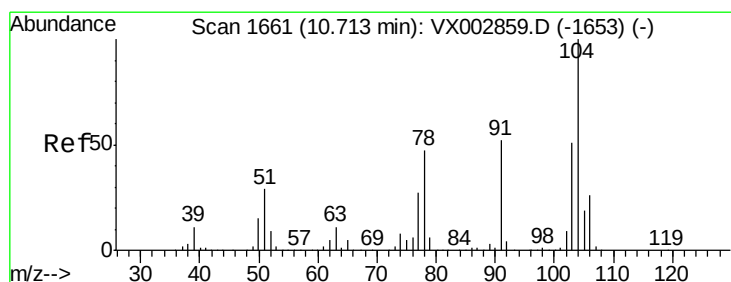
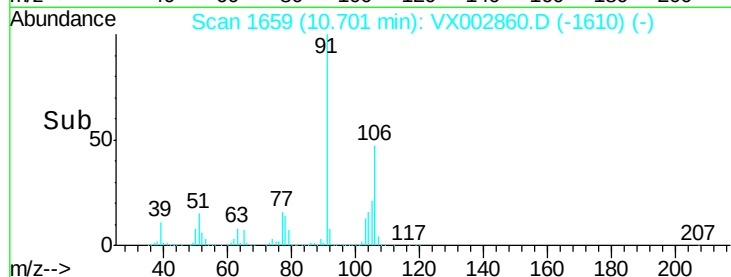
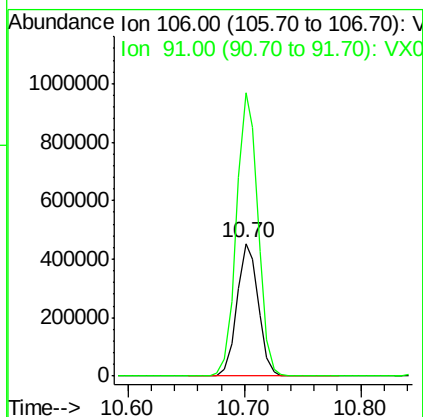
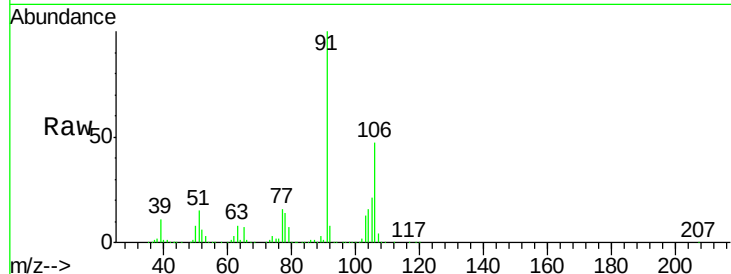
#69
o-Xylene
Concen: 103.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.4	108.2	578500	324.6	

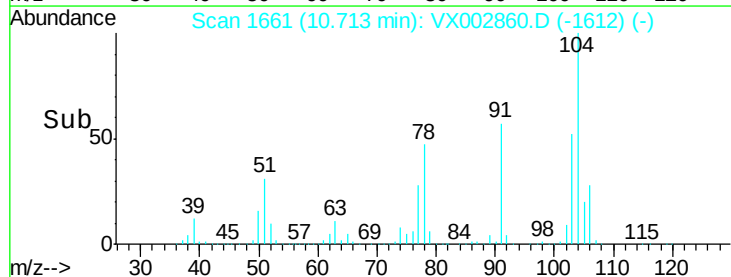
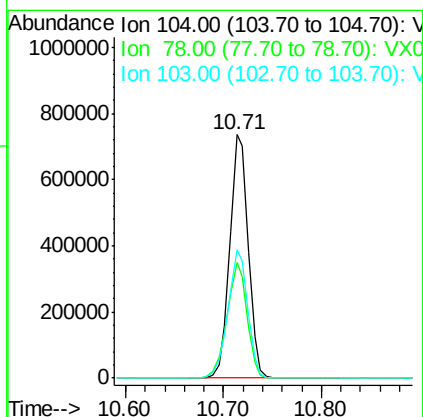
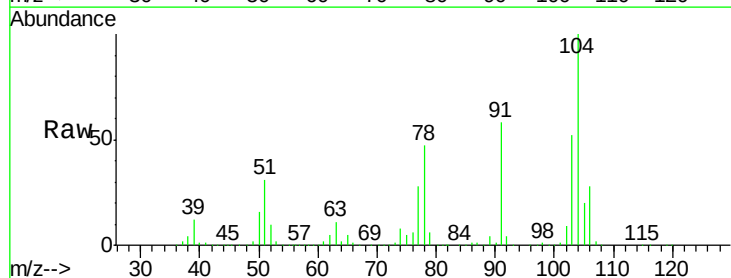
Manual Integrations
APPROVED

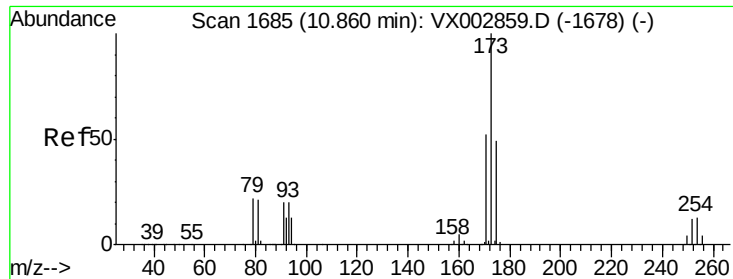
MMDadoda
6/28/2018 2:26:42 PM



#70
Styrene
Concen: 104.69 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	51.4	41.0	964381	61.6	
103	56.1	44.2		66.4	





#71

Bromoform

Concen: 131.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

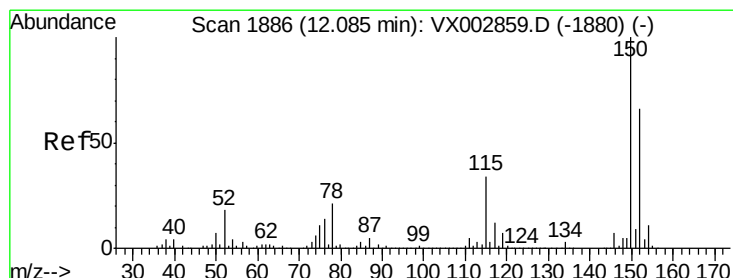
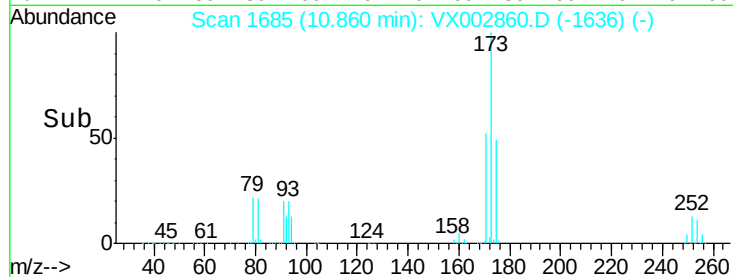
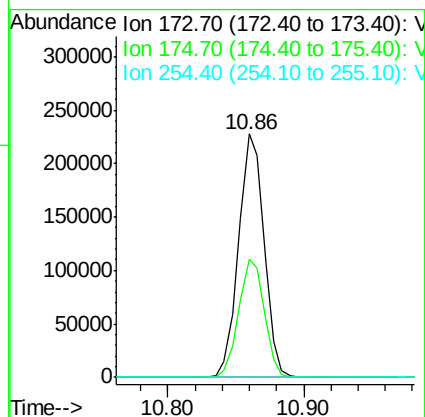
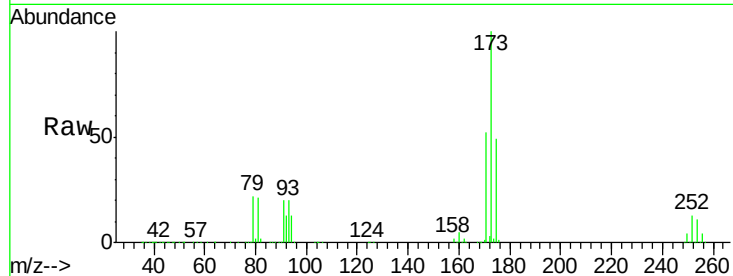
ClientSampleId :

VSTDIC100

Tot Ion:	173	Resp:	296043
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

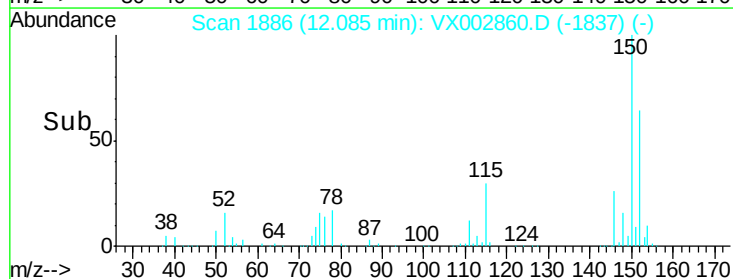
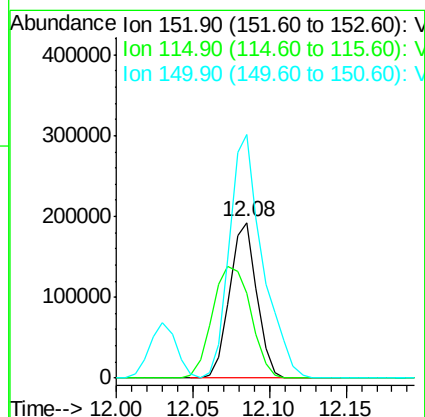
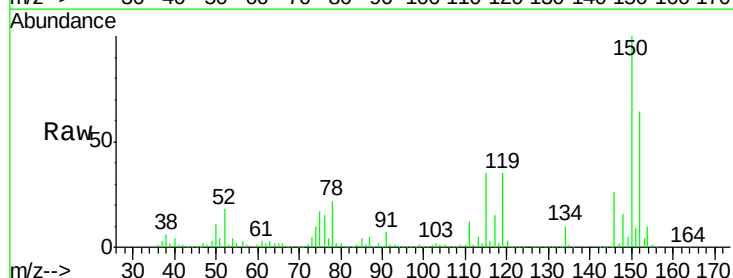
RT: 12.08 min Scan# 1886

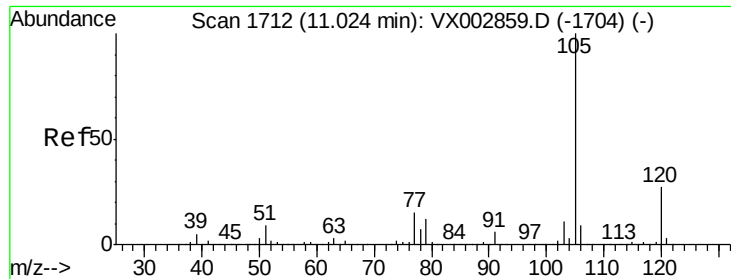
Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion:	152	Resp:	236855
Ion Ratio	Lower	Upper	
152	100		
115	101.8	40.1	120.2
150	191.0	0.0	347.2





#73

Isopropylbenzene

Concen: 99.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1583469

Ion Ratio Lower Upper

105 100

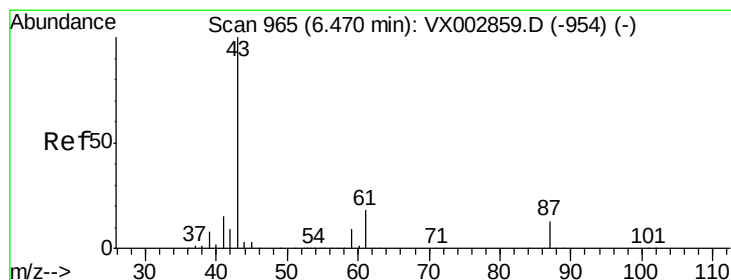
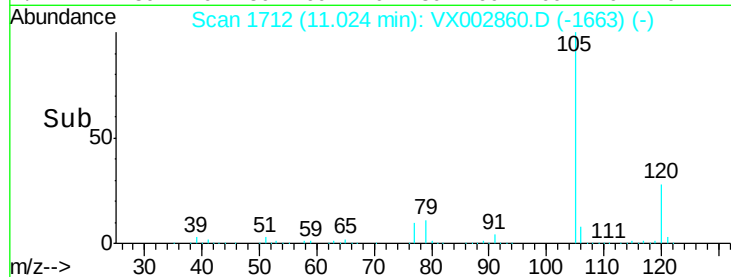
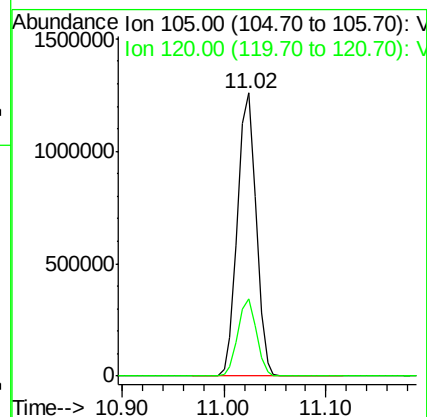
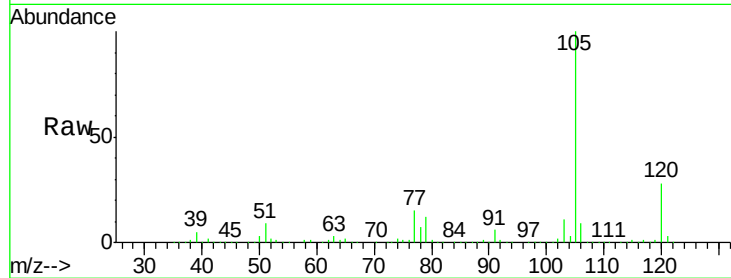
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 93.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Tgt Ion: 43 Resp: 736530

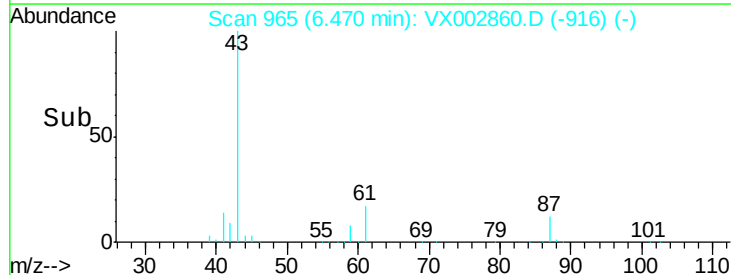
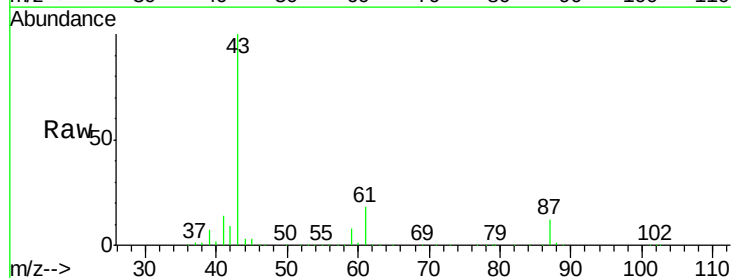
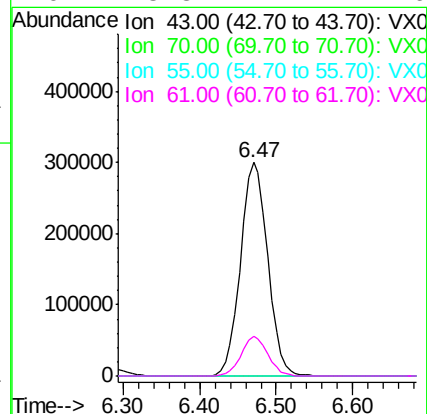
Ion Ratio Lower Upper

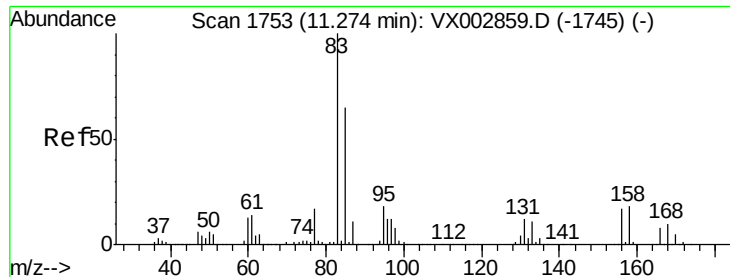
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 100.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

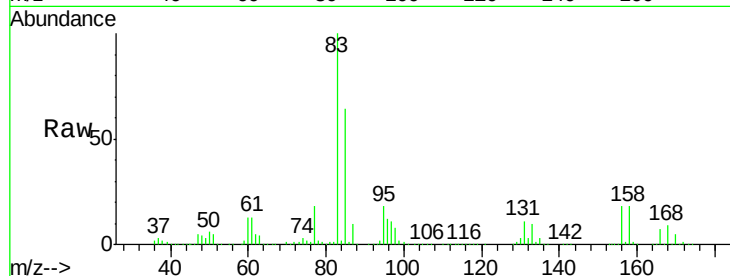
ClientSampleId :

VSTDIC100

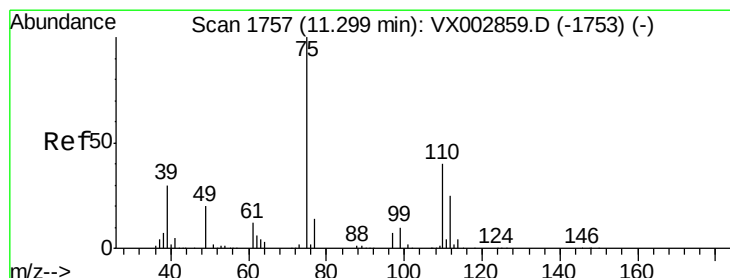
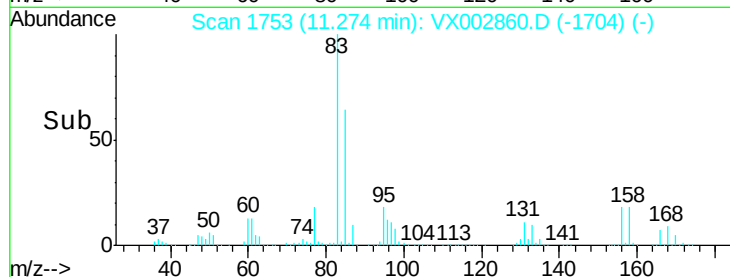
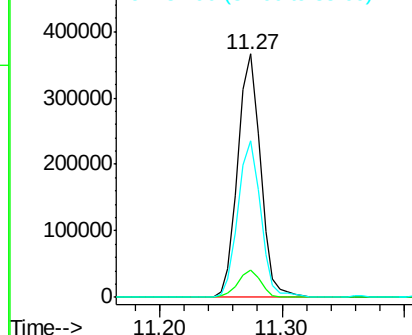
Tot Ion:	83	Resp:	471380
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.3	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 92.50 ug/l m

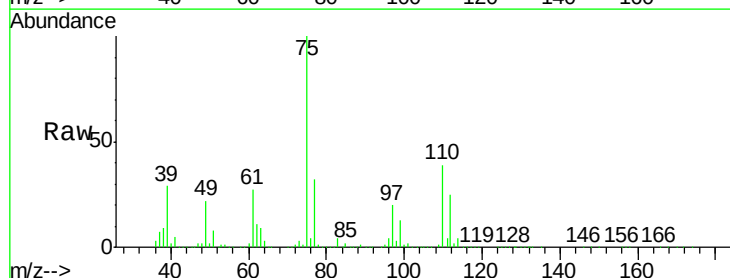
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

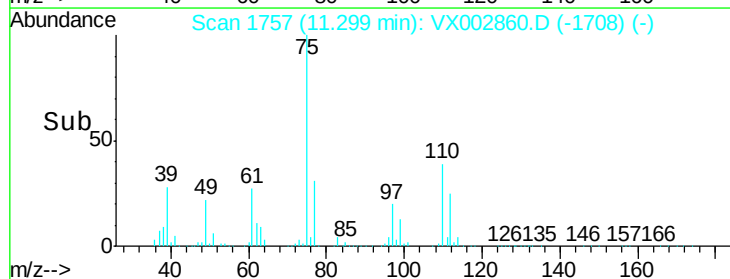
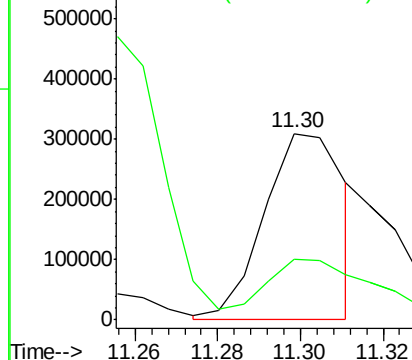
Lab File: VX002860.D

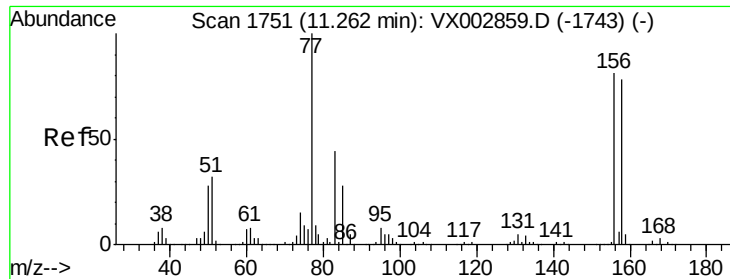
Acq: 25 Jun 2018 12:40

Tgt Ion:	75	Resp:	413408
Ion Ratio	Lower	Upper	
75	100		
77	44.5	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 100.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 441784

Ion Ratio Lower Upper

156 100

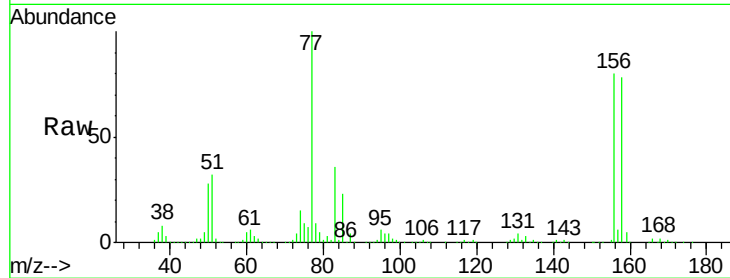
77 137.2 71.4 214.2

158 97.8 48.9 146.6

Manual Integrations
APPROVED

MMDadoda

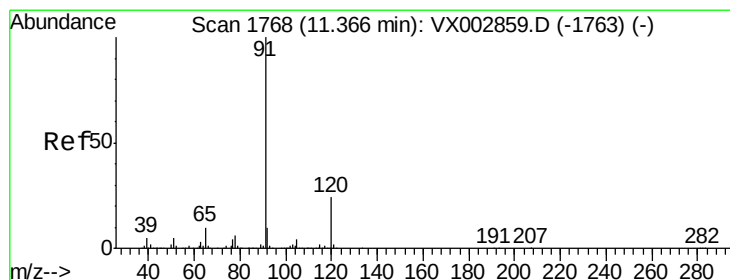
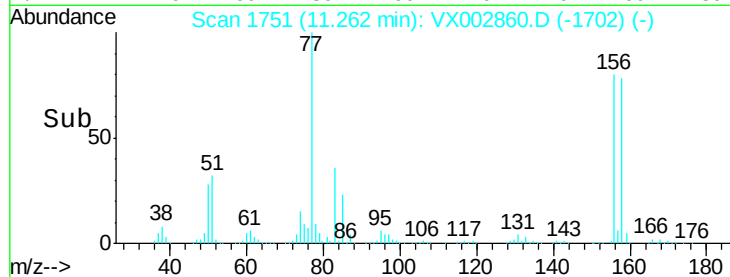
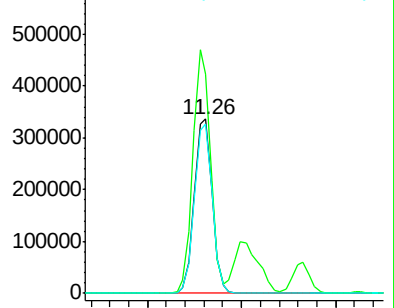
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002860.D

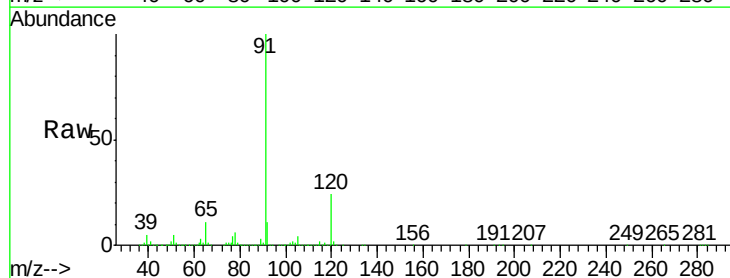
Acq: 25 Jun 2018 12:40

Tgt Ion: 91 Resp: 1809293

Ion Ratio Lower Upper

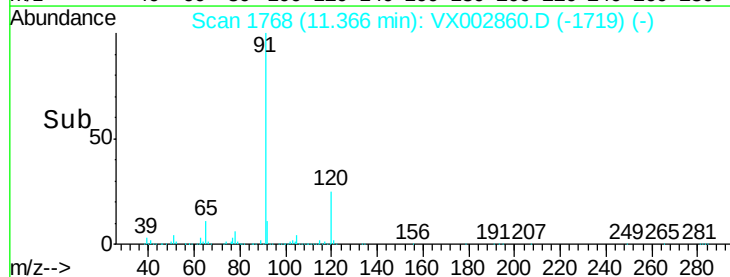
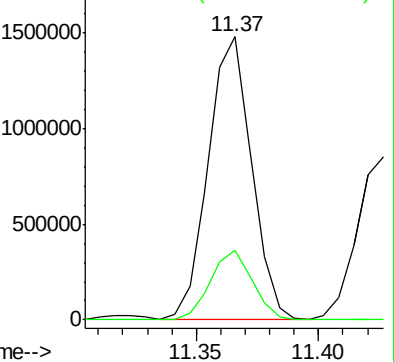
91 100

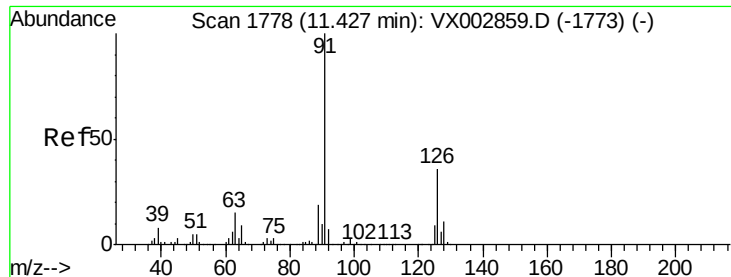
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.17 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1064805

Ion Ratio Lower Upper

91 100

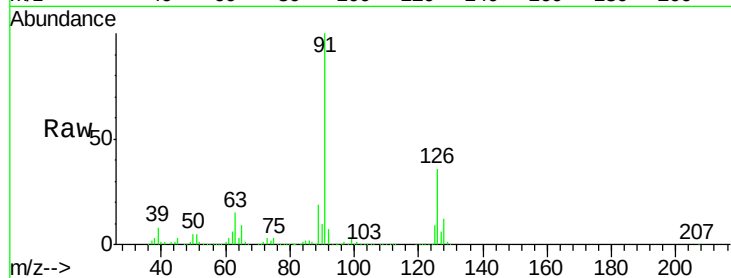
126 36.0 17.7 53.1

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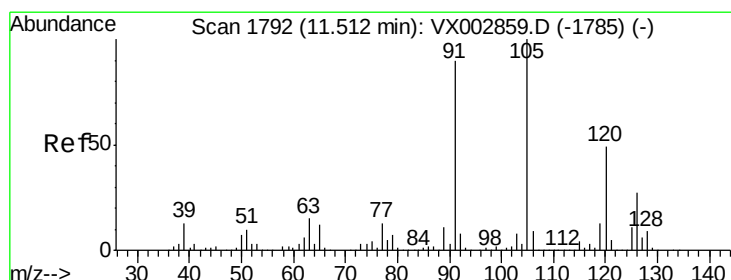
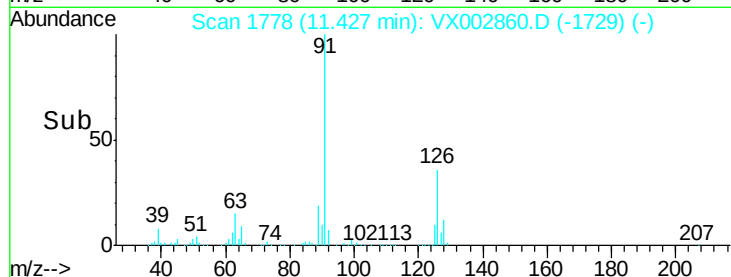
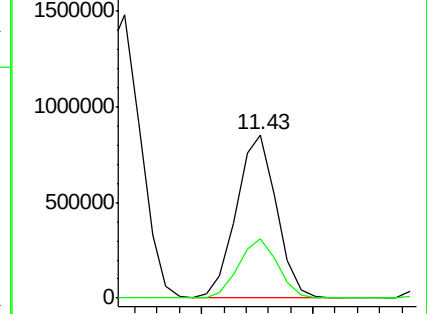
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 101.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002860.D

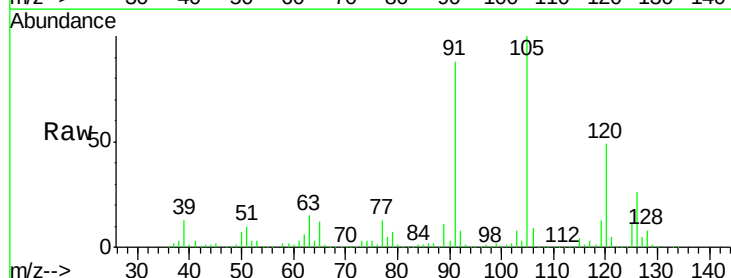
Acq: 25 Jun 2018 12:40

Tgt Ion: 105 Resp: 1358629

Ion Ratio Lower Upper

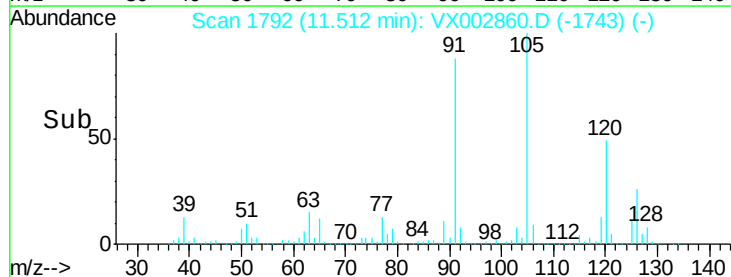
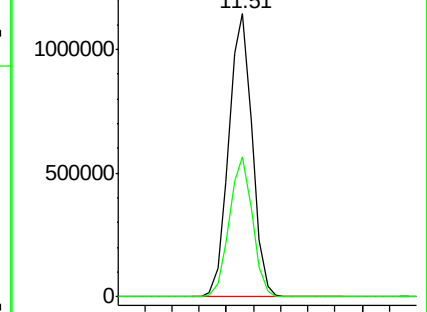
105 100

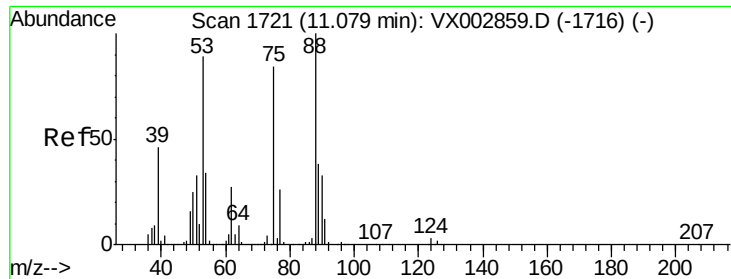
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





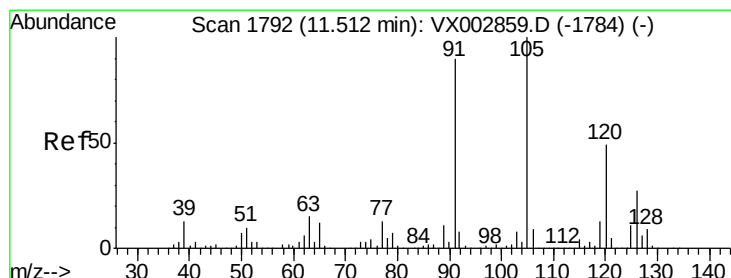
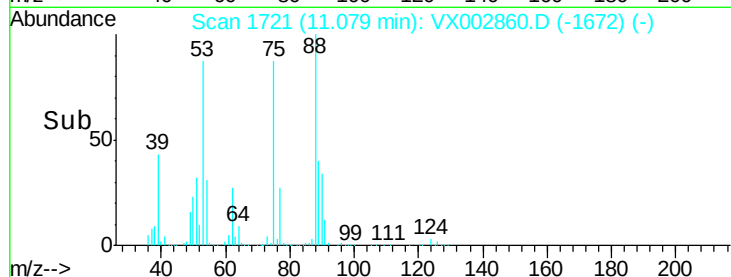
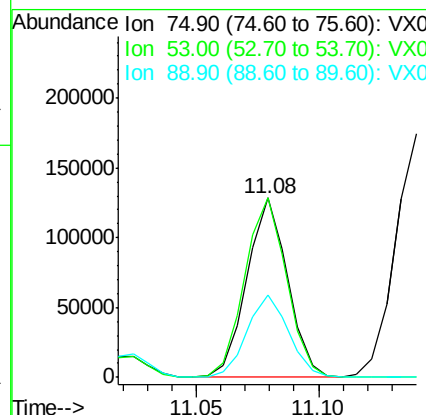
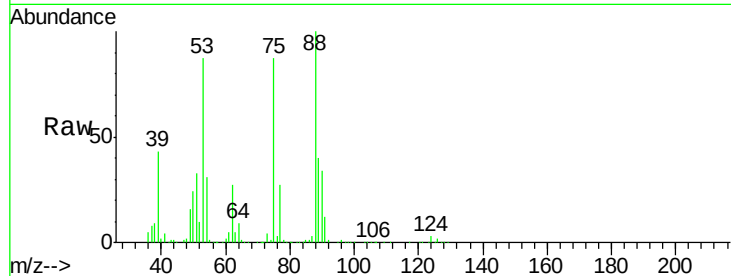
#81
trans-1,4-Dichloro-2-butene
Concen: 125.51 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	86.8	130.2
89	47.3	38.2	57.2

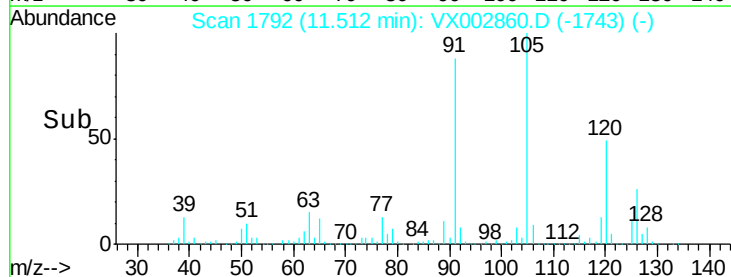
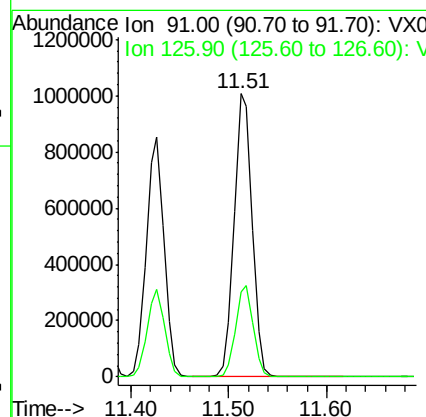
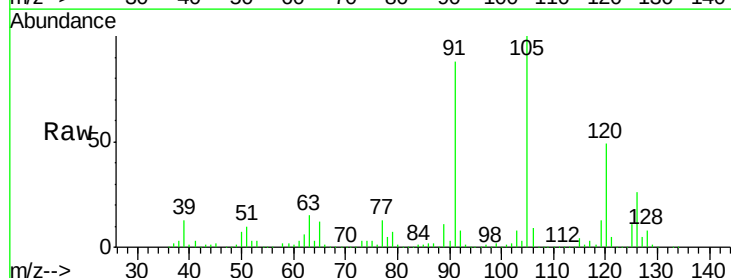
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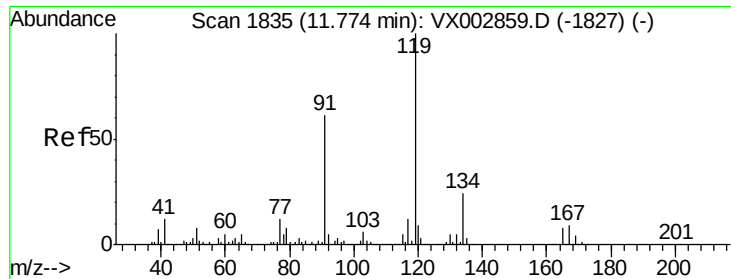
MMDadoda
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#82
4-Chlorotoluene
Concen: 100.58 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





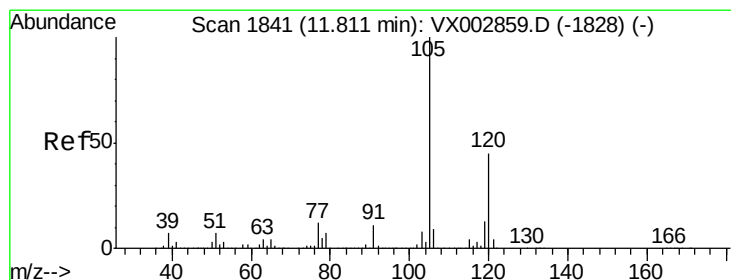
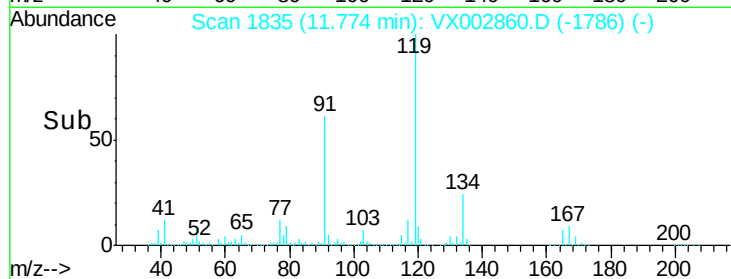
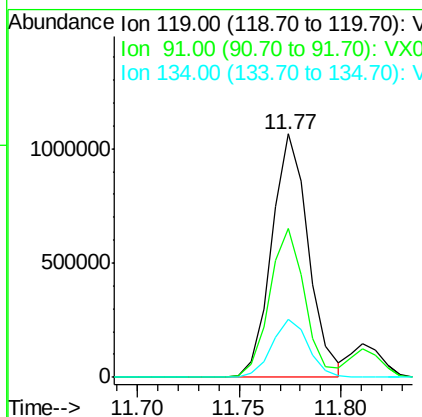
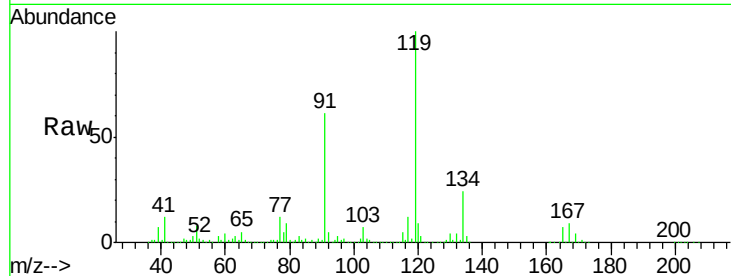
#83
 tert-Butylbenzene
 Concen: 103.63 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	30.3	90.9
134	23.5	11.7	35.1

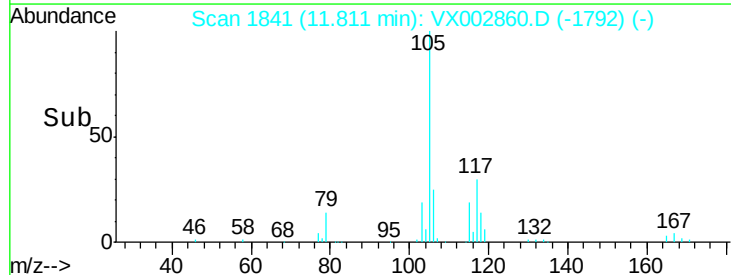
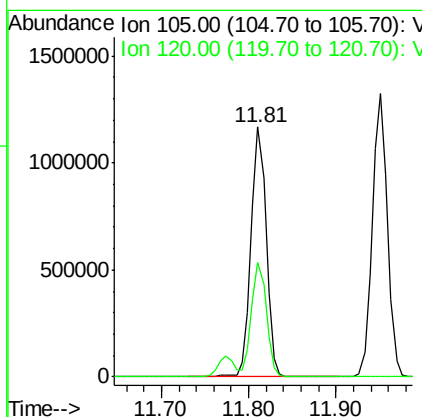
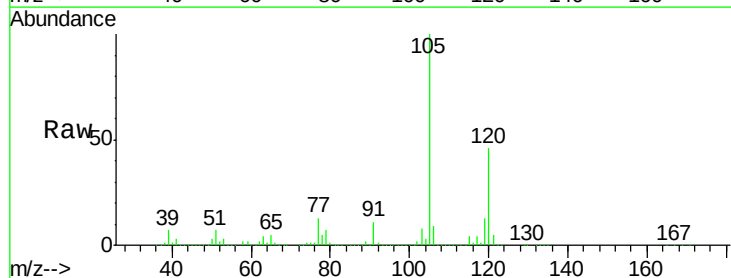
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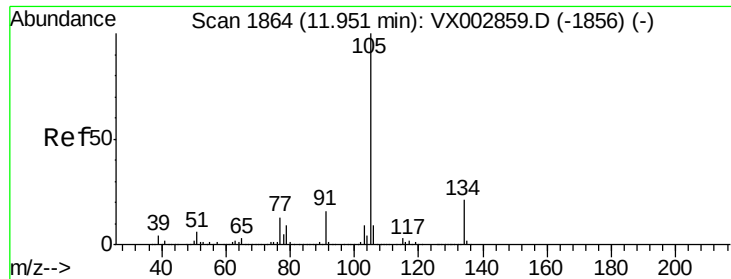
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.8





#85

sec-Butylbenzene

Concen: 100.44 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1610605

Ion Ratio Lower Upper

105 100

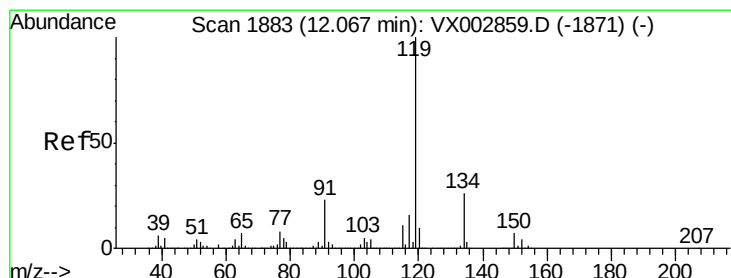
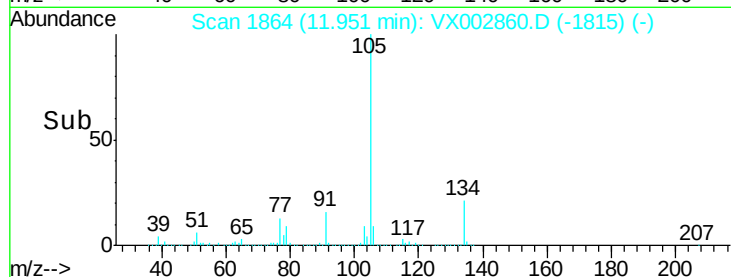
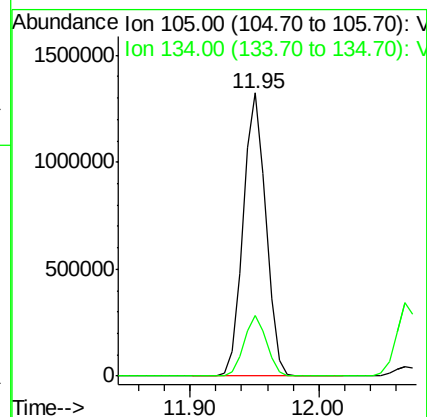
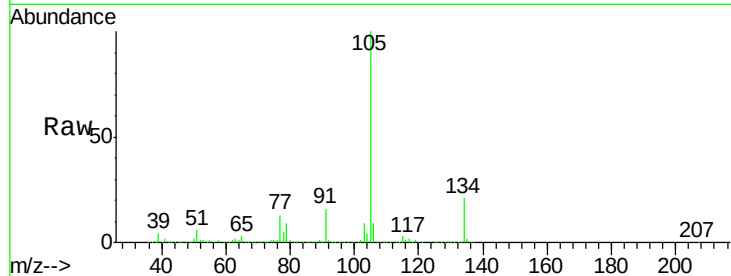
134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 102.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

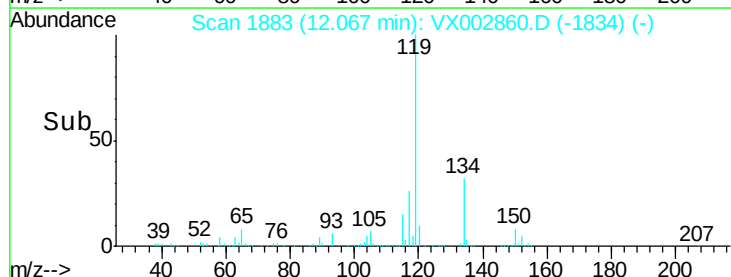
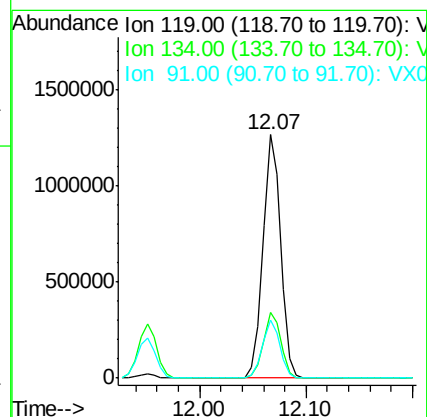
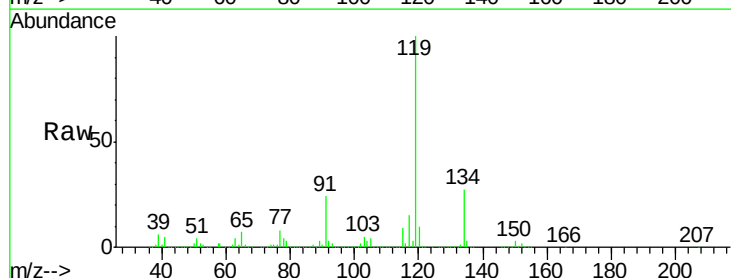
Tgt Ion:119 Resp: 1480470

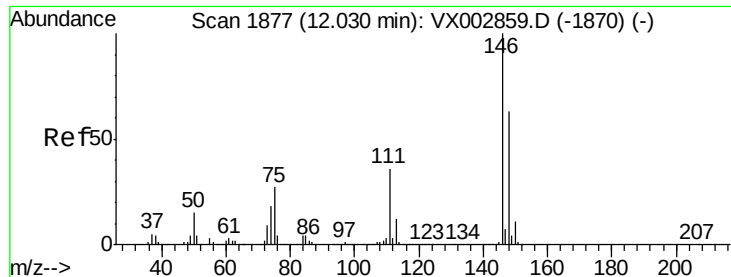
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.5 11.9 35.7





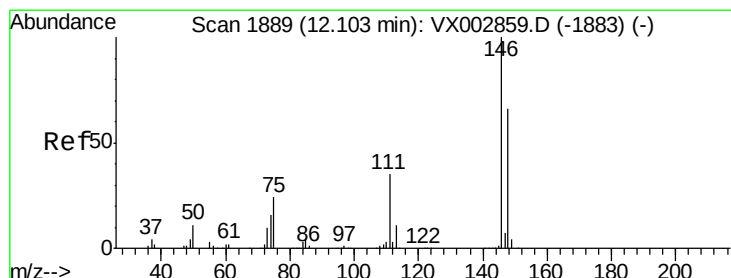
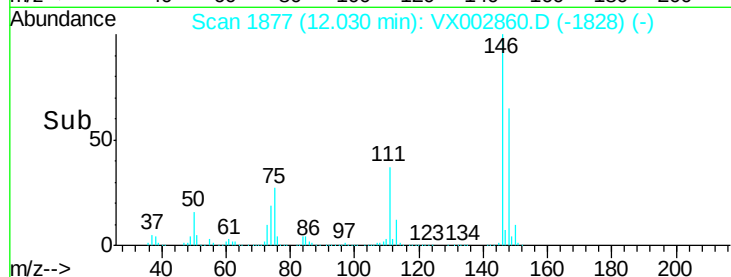
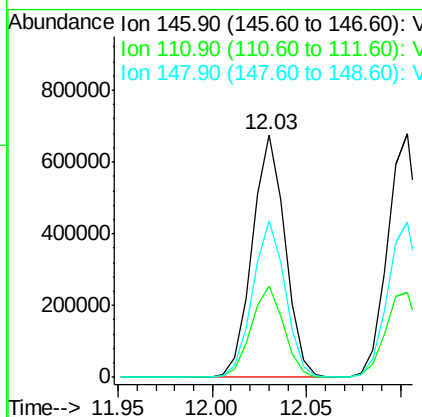
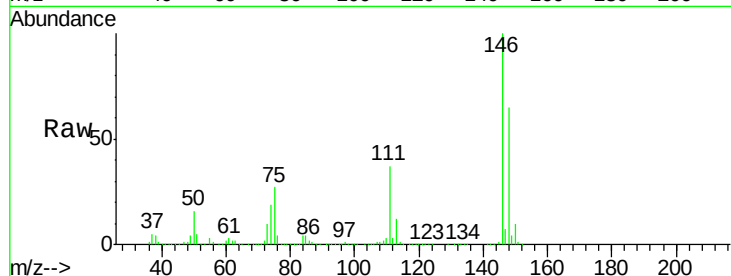
#87
 1,3-Dichlorobenzene
 Concen: 100.57 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.1	32.1	96.3

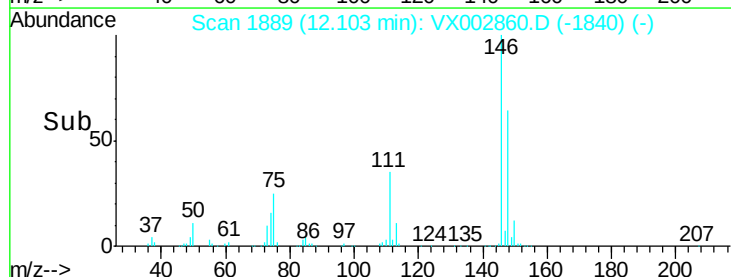
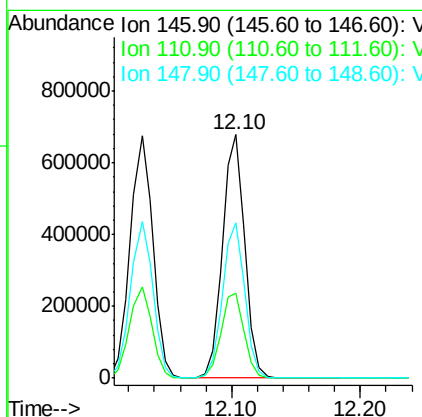
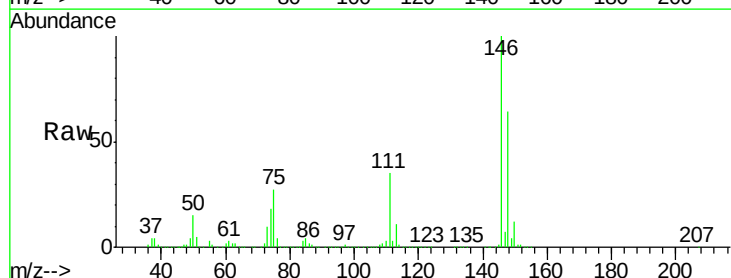
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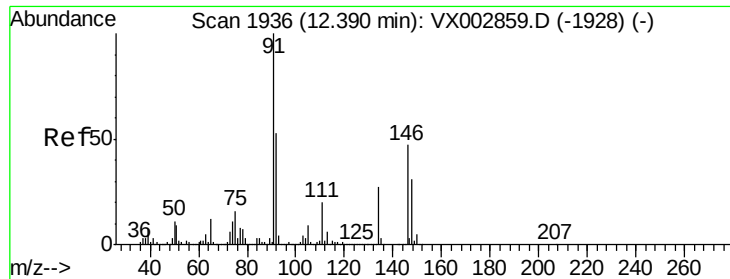
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#88
 1,4-Dichlorobenzene
 Concen: 100.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 101.02 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1293029

Ion Ratio Lower Upper

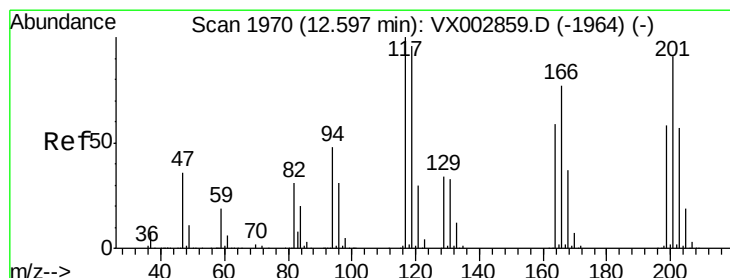
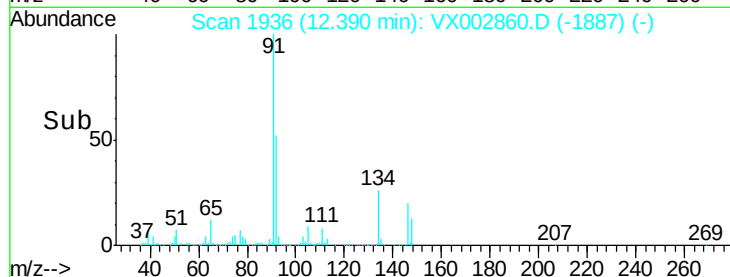
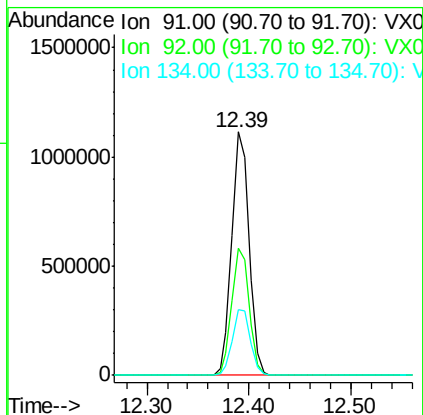
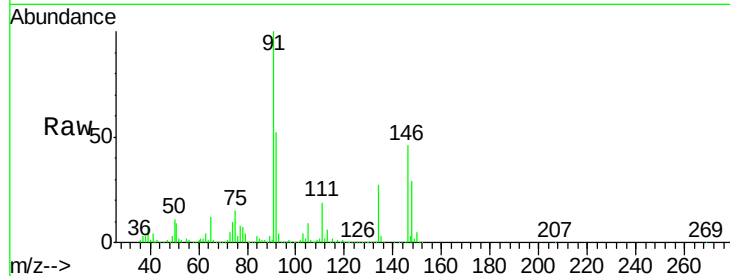
91 100

92 52.6 26.0 78.0

134 27.8 13.5 40.5

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#90

Hexachloroethane

Concen: 119.59 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002860.D

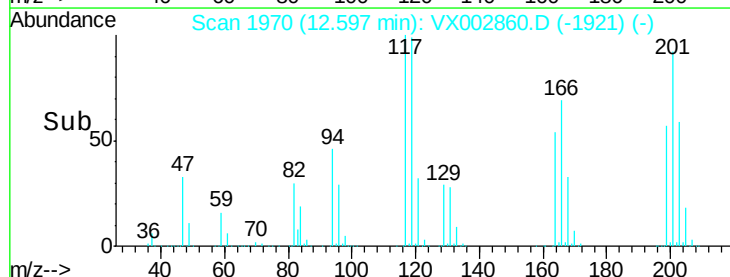
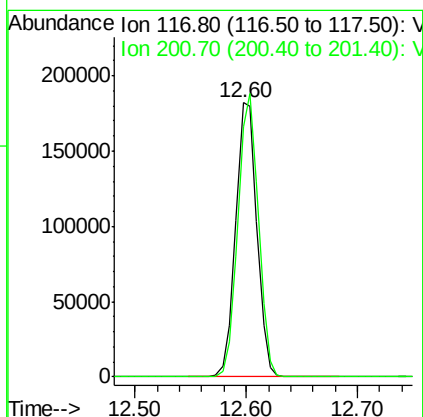
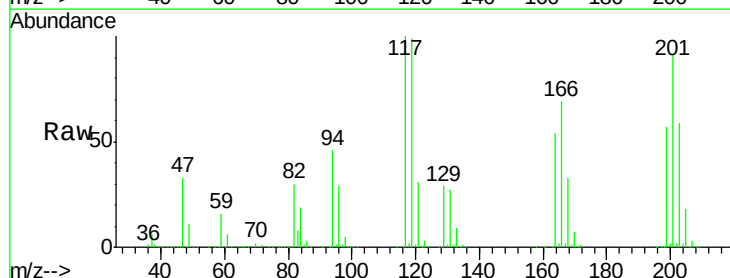
Acq: 25 Jun 2018 12:40

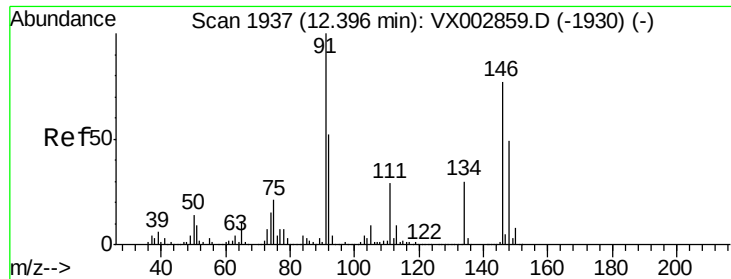
Tgt Ion: 117 Resp: 239490

Ion Ratio Lower Upper

117 100

201 99.8 49.0 147.0





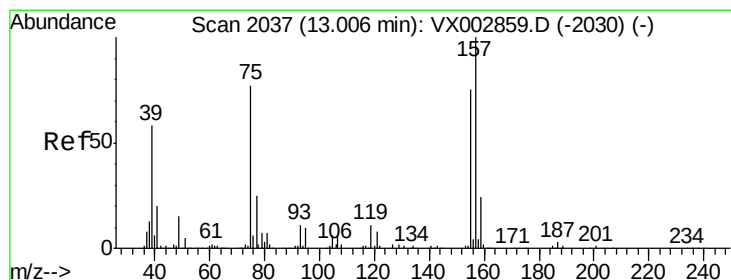
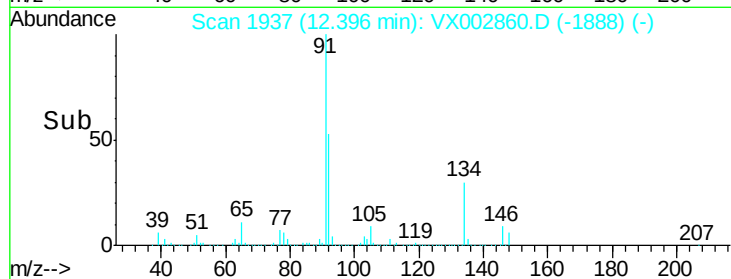
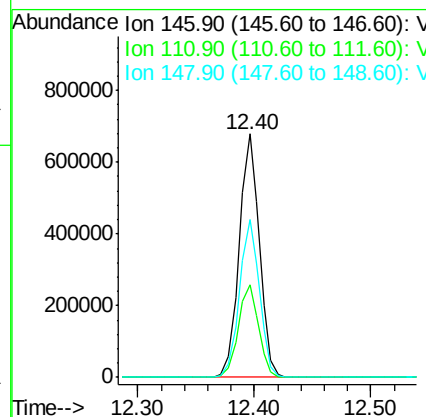
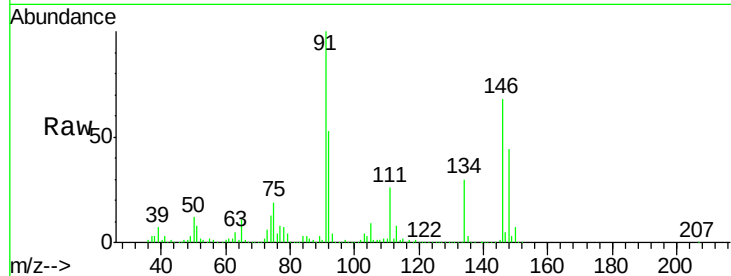
#91
 1,2-Dichlorobenzene
 Concen: 100.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.4	31.7	95.1

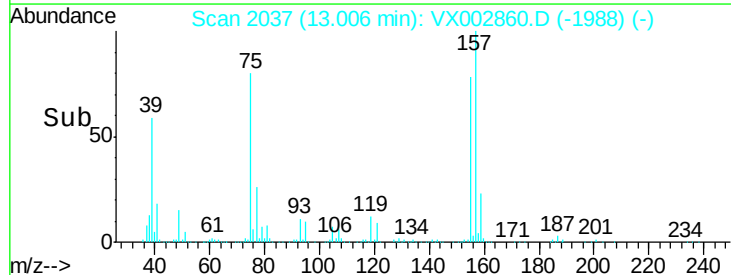
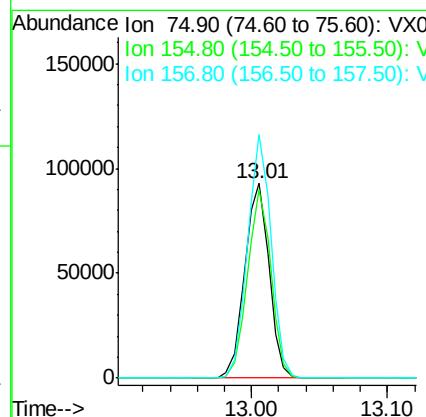
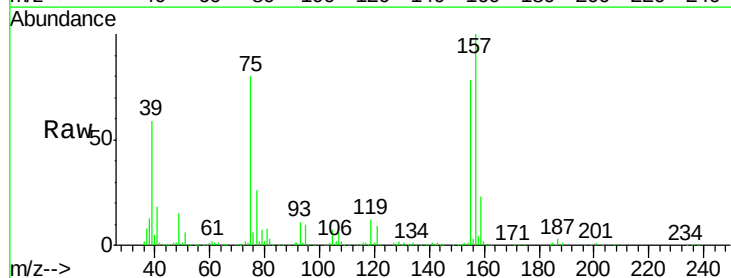
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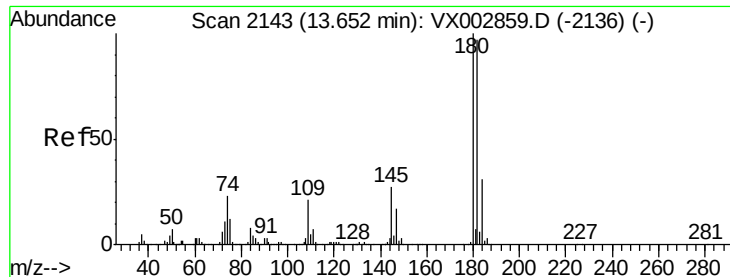
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002860.D
 Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	45.8	137.4
157	121.5	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 104.24 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002860.D

Acq: 25 Jun 2018 12:40

Instrument :

MSVOA_X

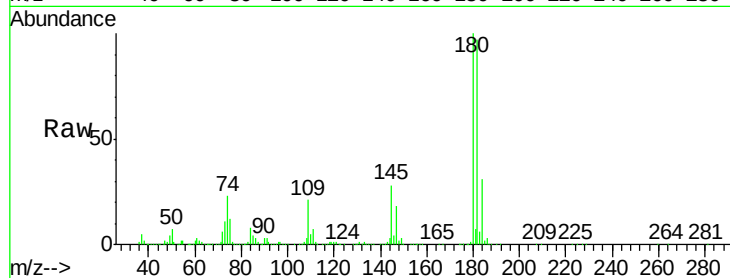
ClientSampleId :

VSTDIC100

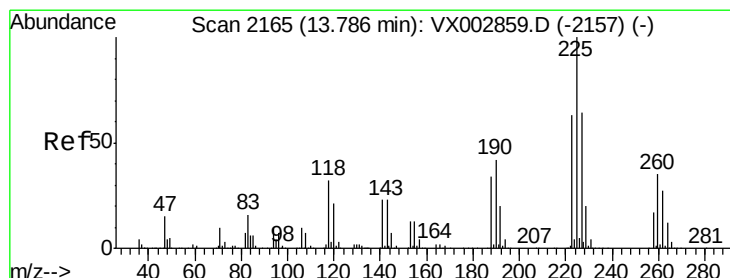
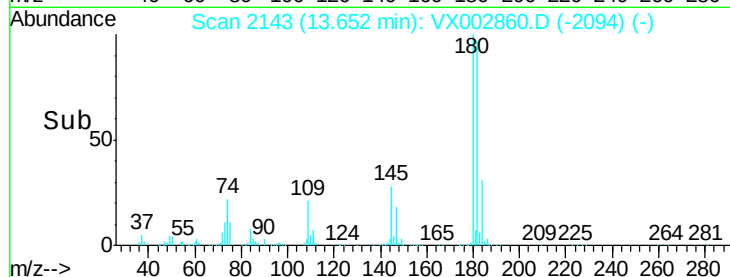
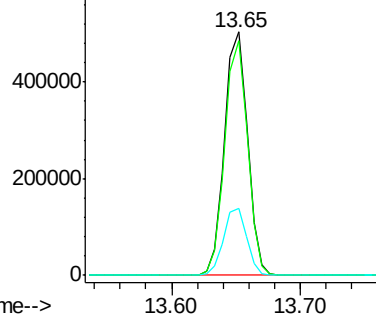
Tot Ion:	180	Resp:	616247
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.7	143.1
145	27.9	14.1	42.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 98.84 ug/l

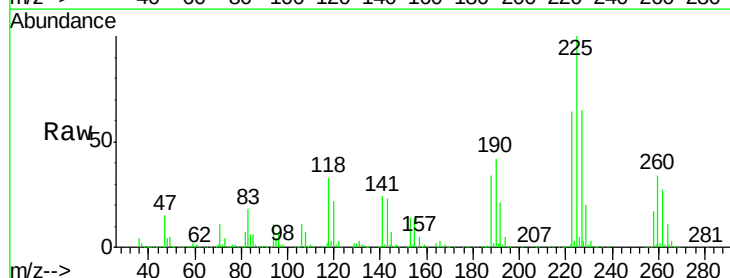
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

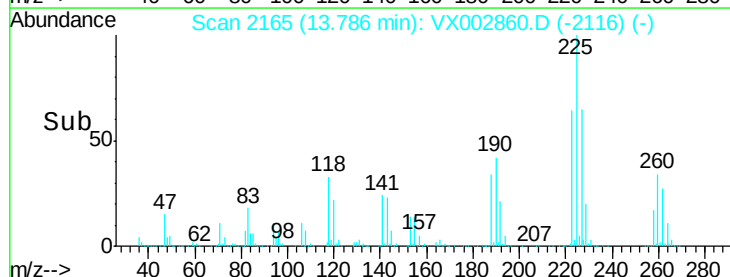
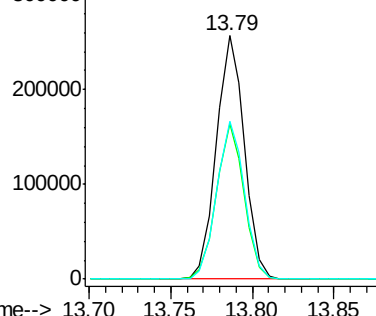
Lab File: VX002860.D

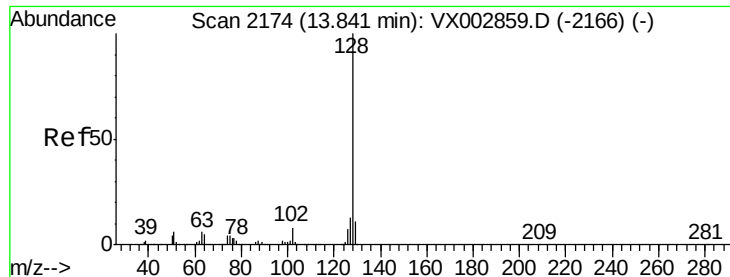
Acq: 25 Jun 2018 12:40

Tgt Ion:	225	Resp:	307810
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.6	95.0
227	64.3	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





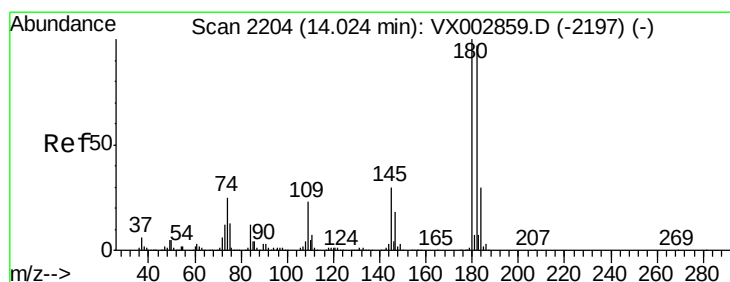
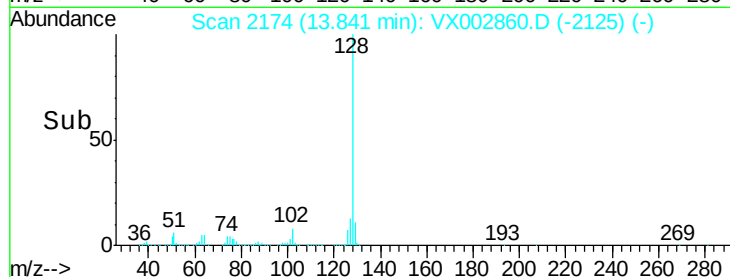
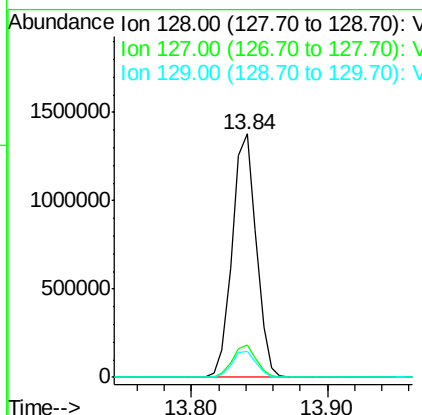
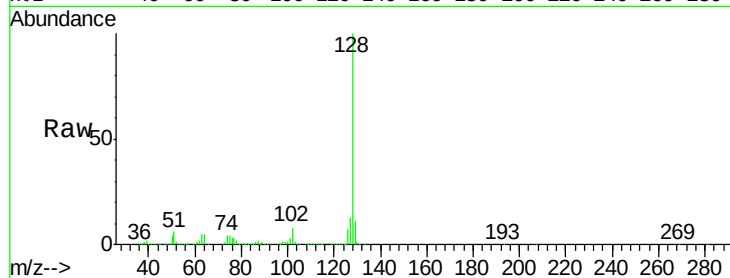
#95
Naphthalene
Concen: 106.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 2:26:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 104.36 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002860.D
Acq: 25 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	29.2	14.8	44.3

