

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001315.D
 Acq On : 02 May 2018 13:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:18 PM

Quant Time: May 03 05:16:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117982	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	99669	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	8.72	98	368770	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	11.14	95	143317	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101598	53.75	ug/l	98
3) Chloromethane	1.32	50	93678	50.48	ug/l	97
4) Vinyl Chloride	1.40	62	101279	51.85	ug/l	99
5) Bromomethane	1.64	94	72612	49.84	ug/l	98
6) Chloroethane	1.72	64	67485	54.65	ug/l	100
7) Trichlorofluoromethane	1.92	101	180862	54.86	ug/l	100
8) Diethyl Ether	2.19	74	62701	55.39	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101517	53.40	ug/l	98
10) Methyl Iodide	2.51	142	151823	71.26	ug/l	99
11) Tert butyl alcohol	3.09	59	129445	318.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91832	53.57	ug/l	95
13) Acrolein	2.30	56	54382	232.08	ug/l	99
14) Allyl chloride	2.73	41	166630	55.56	ug/l	100
15) Acrylonitrile	3.16	53	279024	295.82	ug/l	99
16) Acetone	2.45	43	286710	283.96	ug/l	100
17) Carbon Disulfide	2.57	76	221053	49.50	ug/l	98
18) Methyl Acetate	2.78	43	147475	61.84	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	324488	55.58	ug/l	99
20) Methylene Chloride	2.86	84	101115	55.68	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97169	52.08	ug/l	99
22) Diisopropyl ether	3.88	45	297055	51.43	ug/l	99
23) Vinyl Acetate	3.83	43	1289133	263.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180539	56.11	ug/l	99
25) 2-Butanone	4.72	43	375254	274.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	132493	50.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	102812	50.14	ug/l	99
28) Bromochloromethane	5.03	49	80841	55.90	ug/l	97
29) Tetrahydrofuran	5.18	42	237718	283.12	ug/l	99
30) Chloroform	5.23	83	177371	52.16	ug/l	97
31) Cyclohexane	5.58	56	141740	48.78	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	155523	52.32	ug/l	100
36) 1,1-Dichloropropene	5.81	75	127784	49.33	ug/l	99
37) Ethyl Acetate	4.87	43	142169	54.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	142849	52.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151306	49.39	ug/l	98
40) Benzene	6.15	78	383384	51.45	ug/l	99
41) Methacrylonitrile	5.07	41	81234	53.32	ug/l	98
42) 1,2-Dichloroethane	6.20	62	145398	50.39	ug/l	99
43) Isopropyl Acetate	6.48	43	230580	54.45	ug/l	99
44) Trichloroethene	7.22	130	116049	50.87	ug/l	95
45) 1,2-Dichloropropane	7.53	63	98909	51.68	ug/l	99
46) Dibromomethane	7.67	93	69969	52.16	ug/l	99
47) Bromodichloromethane	7.90	83	129705	54.08	ug/l	98
48) Methyl methacrylate	7.79	41	120984	53.74	ug/l	99
49) 1,4-Dioxane	7.76	88	51733	1217.74	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	785801	287.82	ug/l	99
52) Toluene	8.79	92	255292	52.41	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	152539	53.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	143892	54.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	105112	53.42	ug/l	97
56) Ethyl methacrylate	9.19	69	154033	56.50	ug/l	99
57) 1,3-Dichloropropane	9.38	76	167730	52.99	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	385685	293.21	ug/l	100
59) 2-Hexanone	9.51	43	620236	290.66	ug/l	100
60) Dibromochloromethane	9.59	129	114814	55.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	112918	54.14	ug/l	99
64) Tetrachloroethene	9.34	164	139971	54.43	ug/l	99
65) Chlorobenzene	10.15	112	300098	50.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	111522	54.42	ug/l	100
67) Ethyl Benzene	10.26	91	497964	51.19	ug/l	100
68) m/p-Xylenes	10.37	106	397522	103.86	ug/l	99
69) o-Xylene	10.71	106	193560	52.14	ug/l	99
70) Styrene	10.72	104	320744	52.83	ug/l	99
71) Bromoform	10.87	173	95744	48.50	ug/l #	99
73) Isopropylbenzene	11.02	105	521899	51.37	ug/l	100
74) N-amyl acetate	6.48	43	230580	52.90	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	159068	52.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	152648m	54.35	ug/l	
77) Bromobenzene	11.26	156	151736	51.78	ug/l	100
78) n-propylbenzene	11.37	91	586634	51.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	351334	51.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	450309	52.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41317	48.05	ug/l	97
82) 4-Chlorotoluene	11.52	91	418662	51.09	ug/l	100
83) tert-Butylbenzene	11.77	119	436257	51.27	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	465664	53.26	ug/l	100
85) sec-Butylbenzene	11.95	105	536312	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	495993	53.11	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	273328	49.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282932	50.16	ug/l	99
89) n-Butylbenzene	12.40	91	418066	51.29	ug/l	100
90) Hexachloroethane	12.60	117	72622	53.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	279525	51.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35934	58.41	ug/l	98

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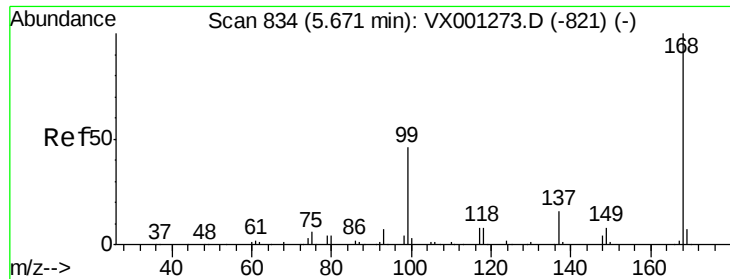
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208399	47.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	111459	48.63	ug/l	100
95) Naphthalene	13.84	128	601453	54.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217294	50.53	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 170881

Ion Ratio Lower Upper

168 100

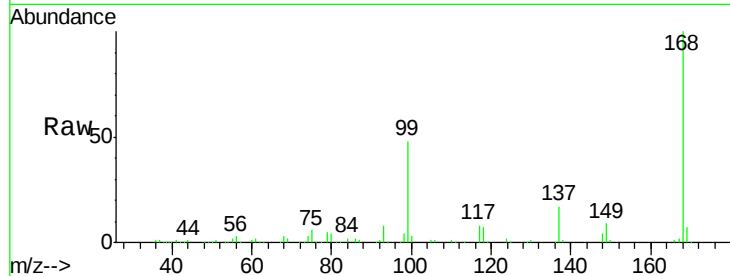
99 47.7 36.5 54.7

Manual Integrations

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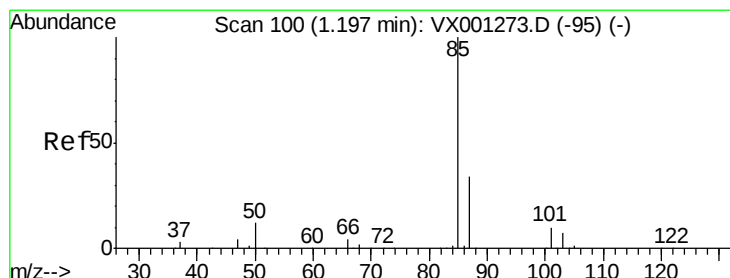
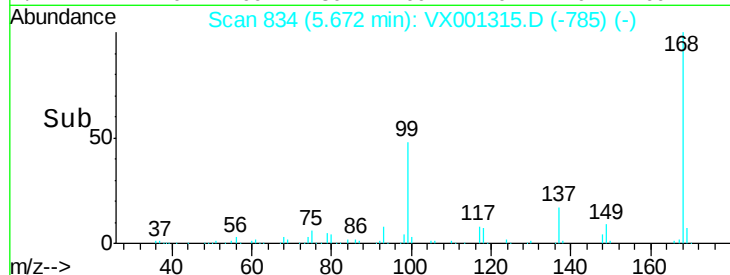
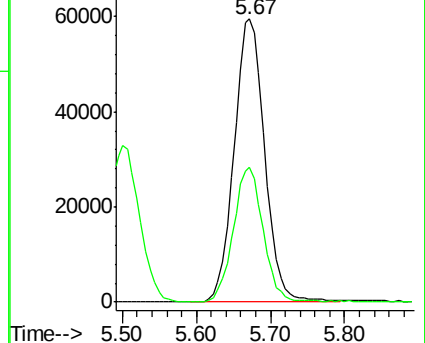
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001315.D

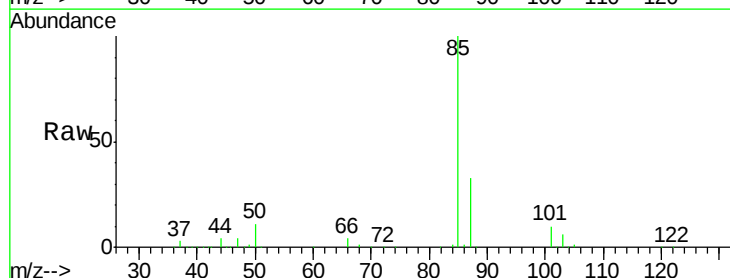
Acq: 02 May 2018 13:21

Tgt Ion: 85 Resp: 101598

Ion Ratio Lower Upper

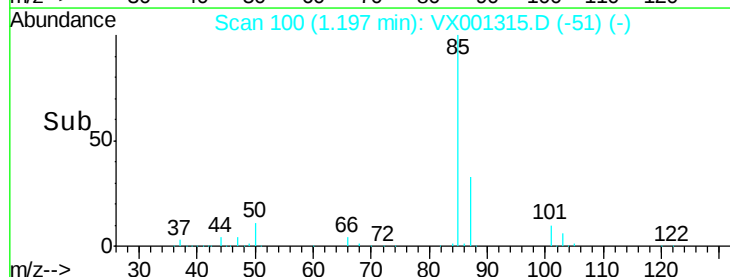
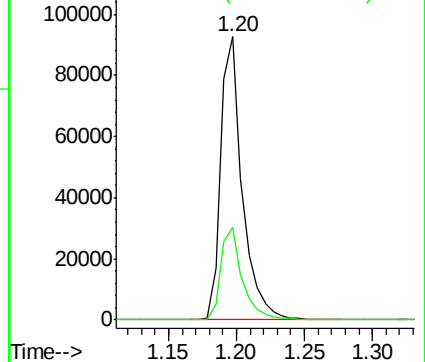
85 100

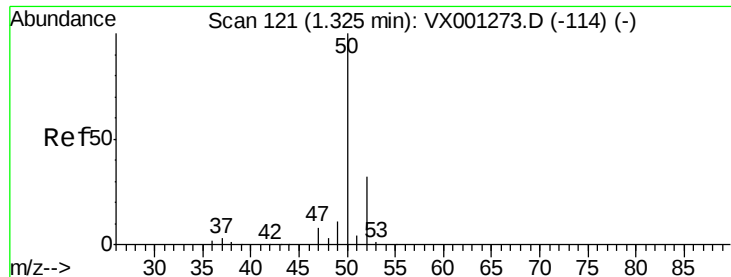
87 32.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93678

Ion Ratio Lower Upper

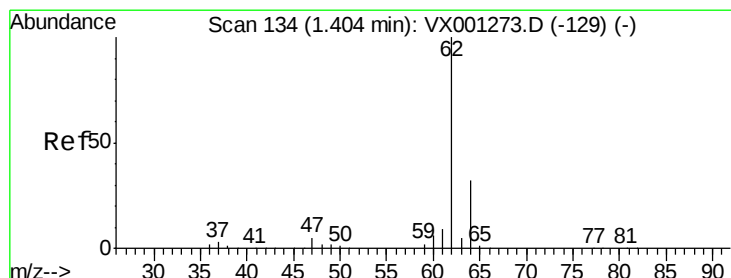
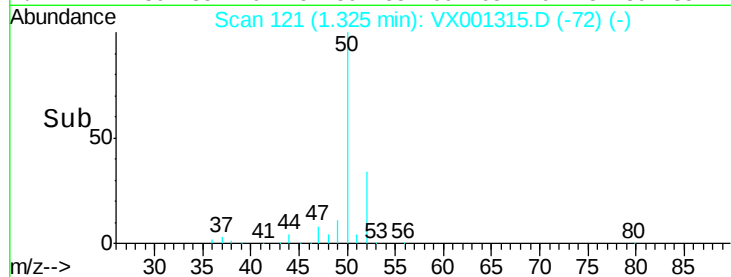
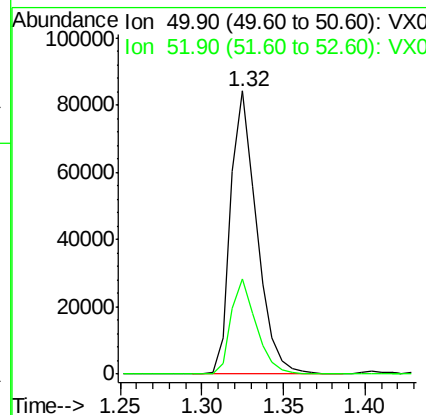
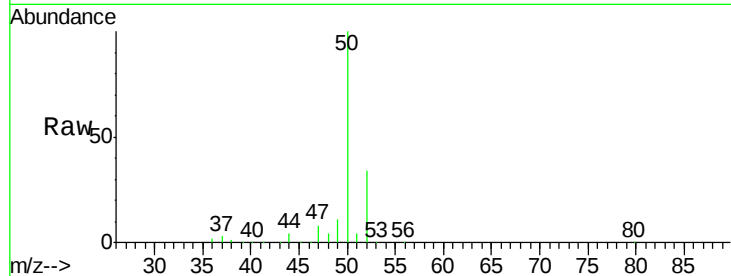
50 100

52 33.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 51.85 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001315.D

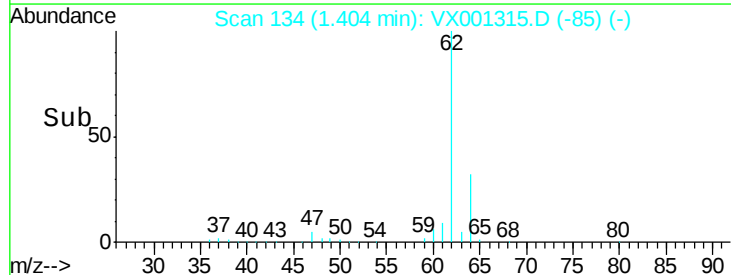
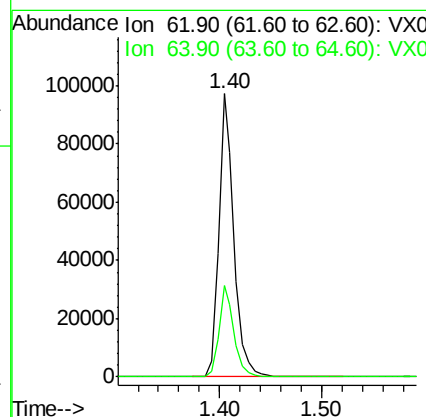
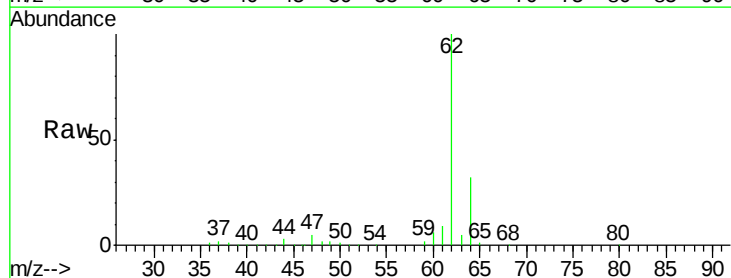
Acq: 02 May 2018 13:21

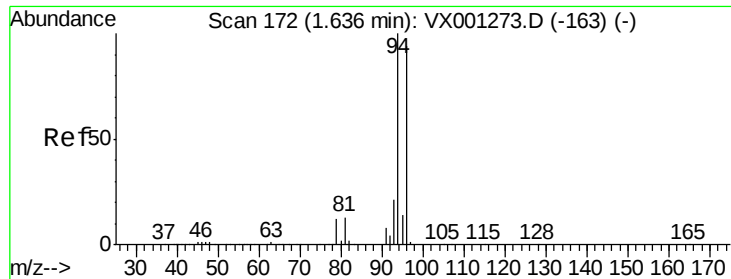
Tgt Ion: 62 Resp: 101279

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 49.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72612

Ion Ratio Lower Upper

94 100

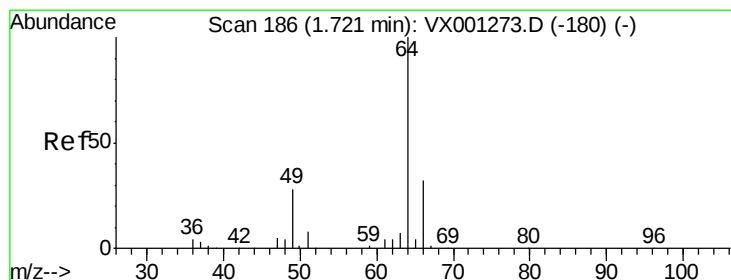
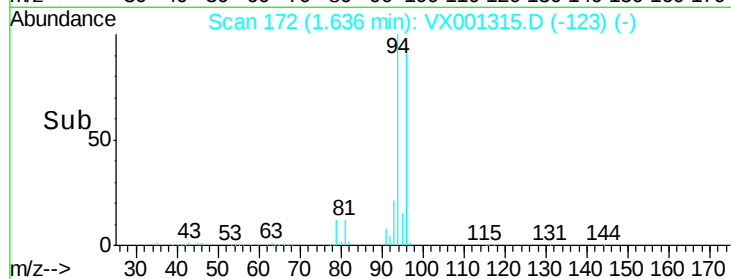
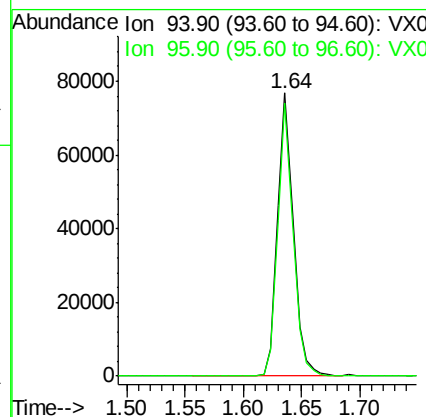
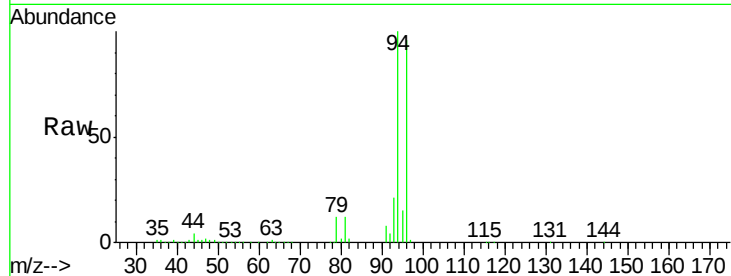
96 96.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 54.65 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001315.D

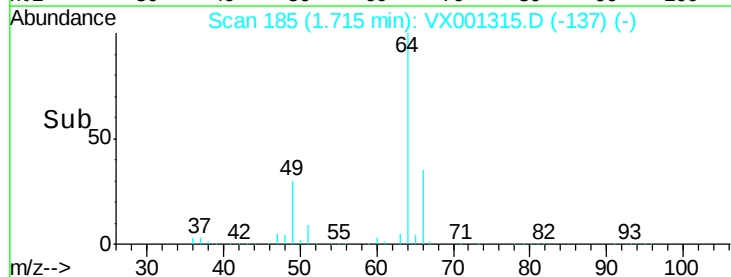
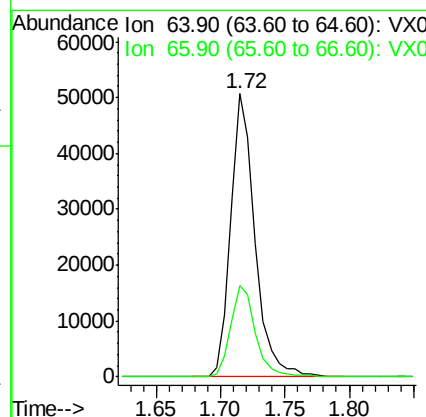
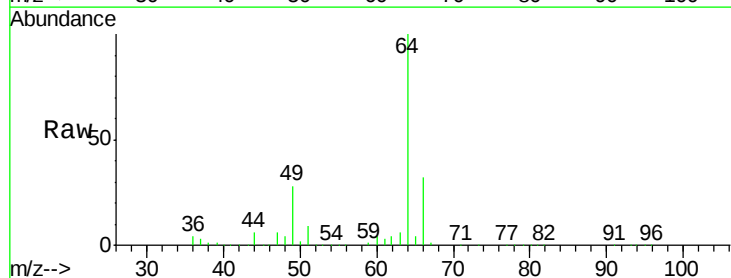
Acq: 02 May 2018 13:21

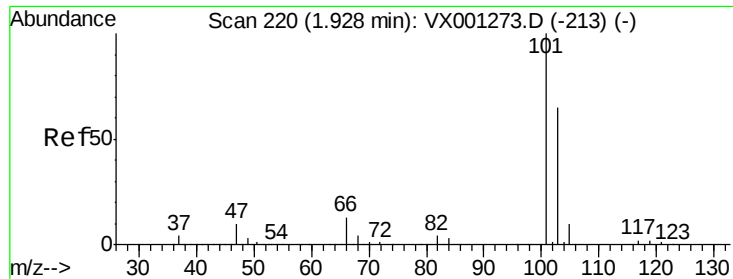
Tgt Ion: 64 Resp: 67485

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

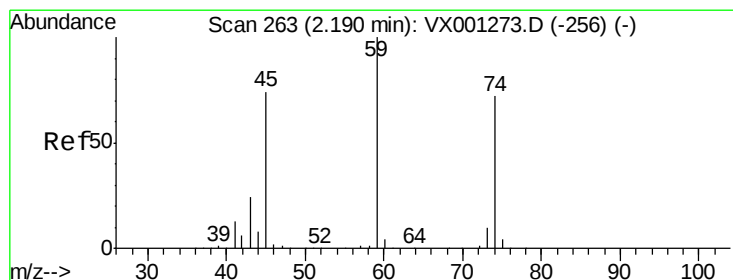
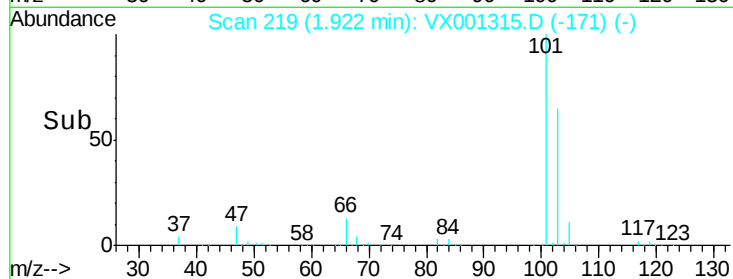
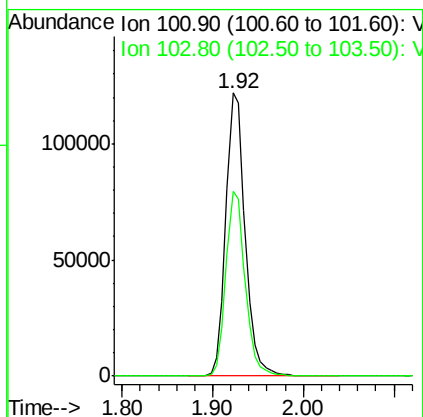
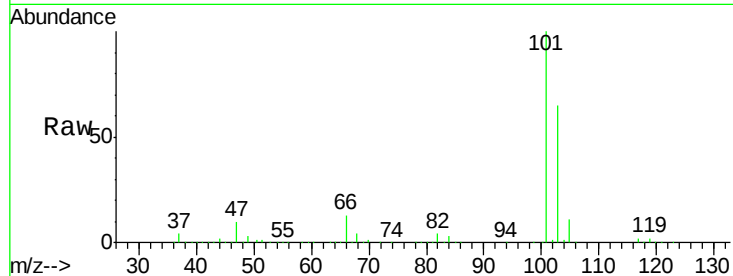
Trichlorofluoromethane
Concen: 54.86 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX001315.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	180862		
103	65.1	51.8	77.8	

Manual Integrations
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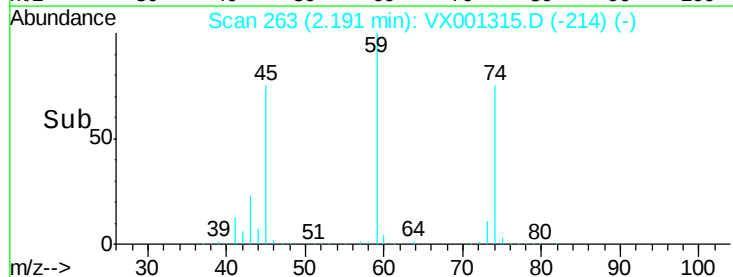
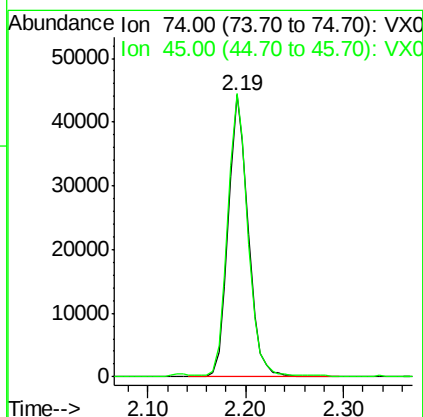
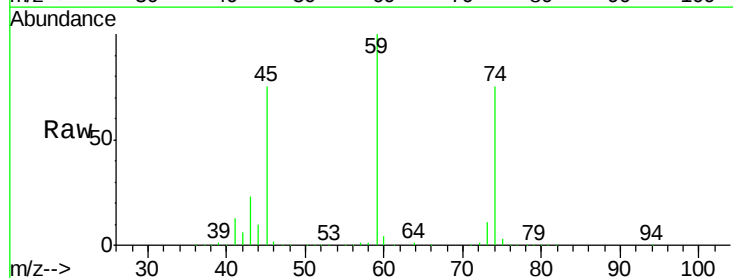
MMDadoda
5/3/2018 12:21:18 PM

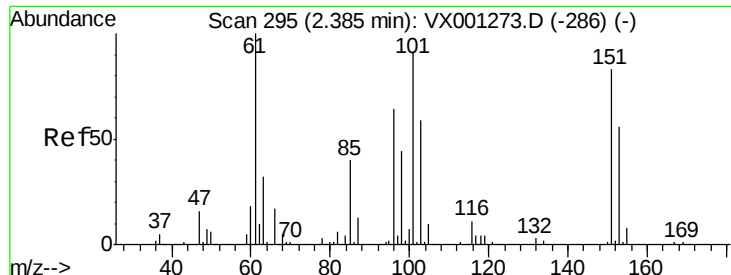


#8

Diethyl Ether
Concen: 55.39 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	62701		
45	101.3	49.3	147.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

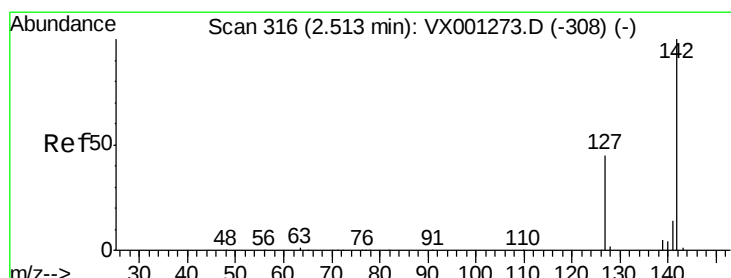
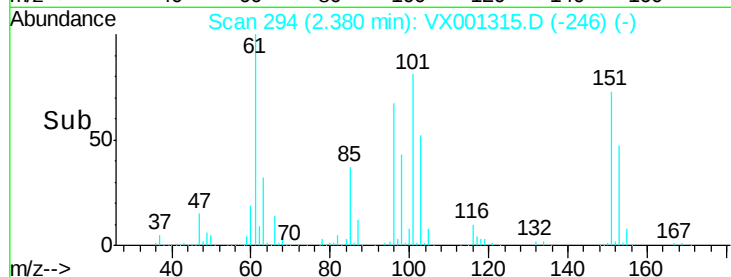
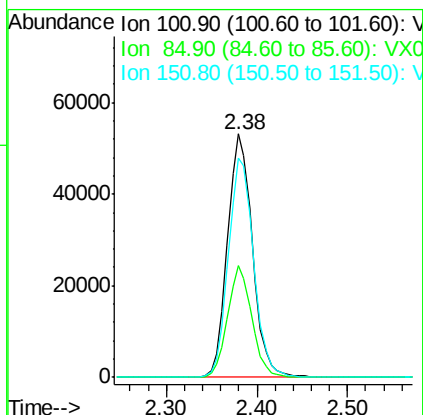
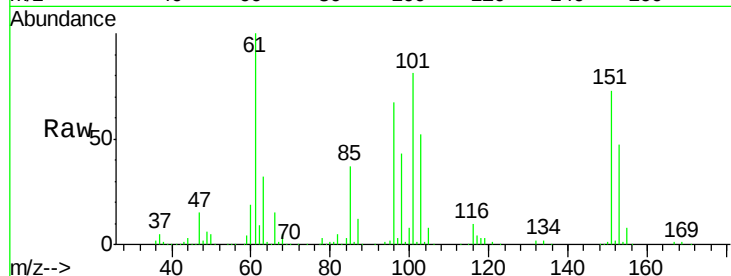
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	101517
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.6	53.4
151	91.3	74.8	112.2

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#10

Methyl Iodide

Concen: 71.26 ug/l

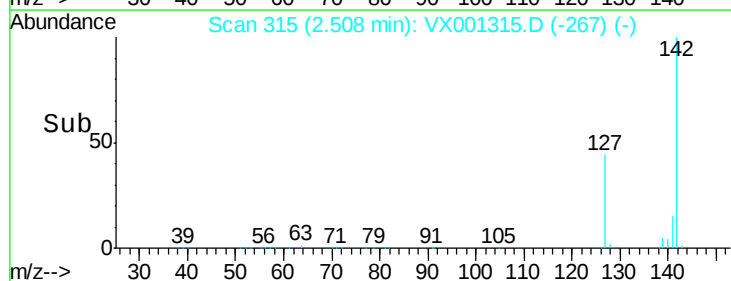
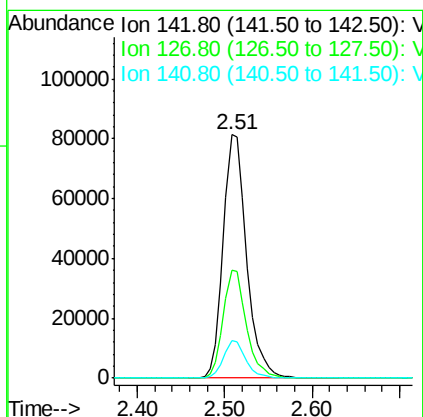
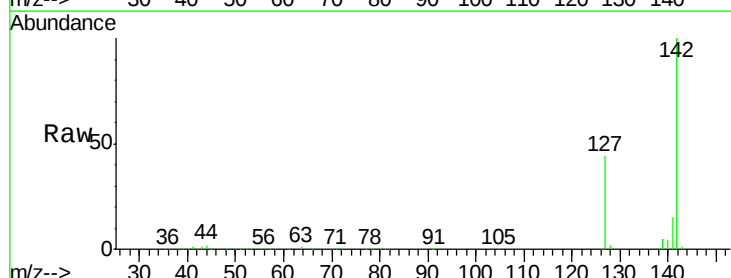
RT: 2.51 min Scan# 315

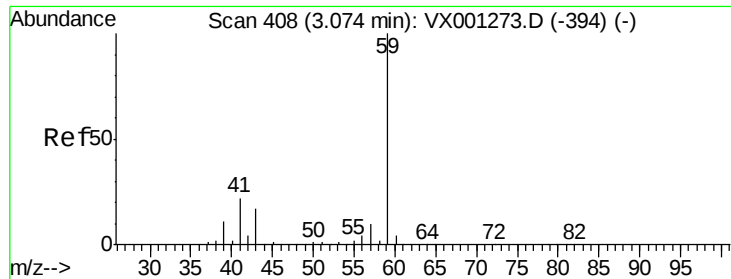
Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	142	Resp:	151823
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.7	53.5
141	14.6	11.4	17.0





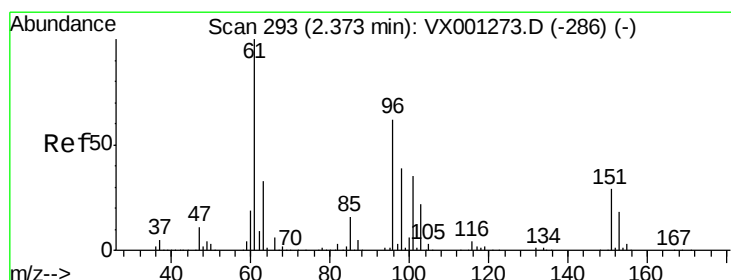
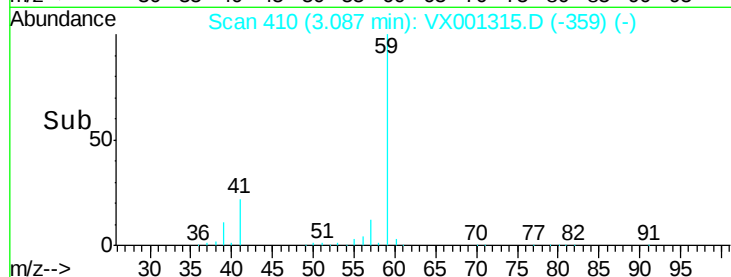
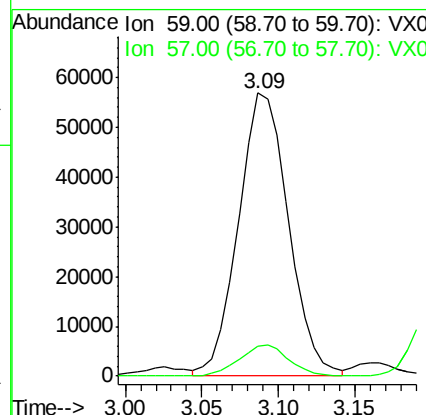
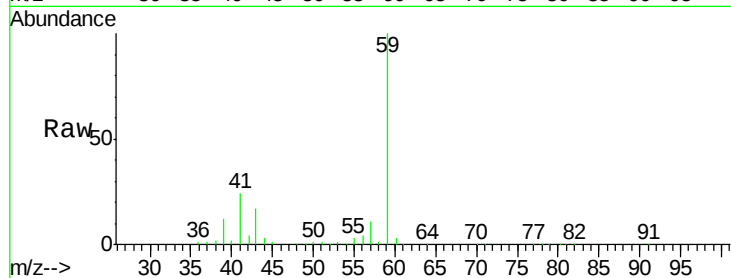
#11
Tert butyl alcohol
Concen: 318.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	129445		
57	57	10.9		8.6	12.8

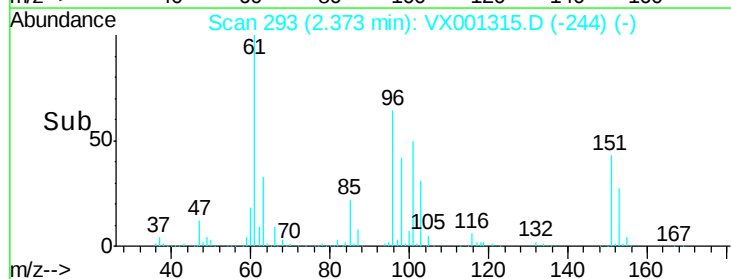
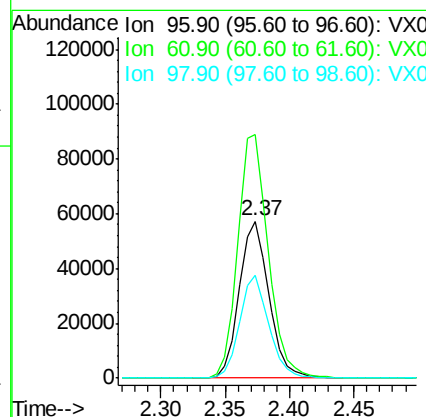
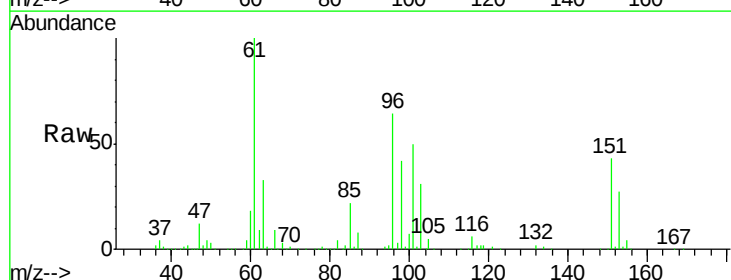
Manual Integrations
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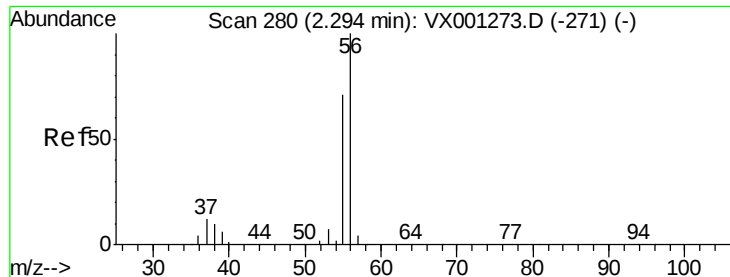
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	91832		
61	61	155.4		130.1	195.1
98	98	65.3		50.3	75.5





#13

Acrolein

Concen: 232.08 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54382

Ion Ratio Lower Upper

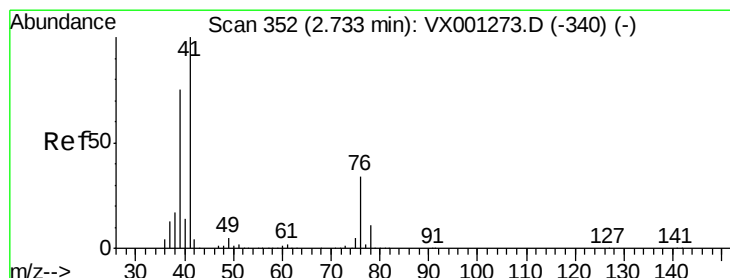
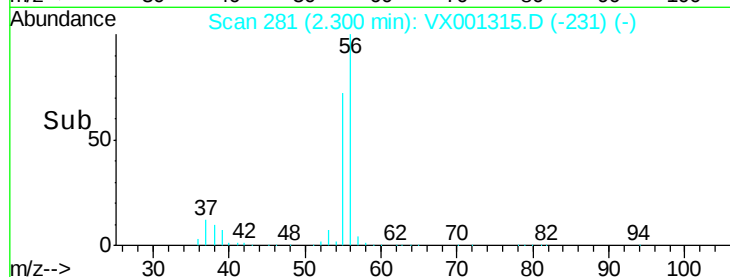
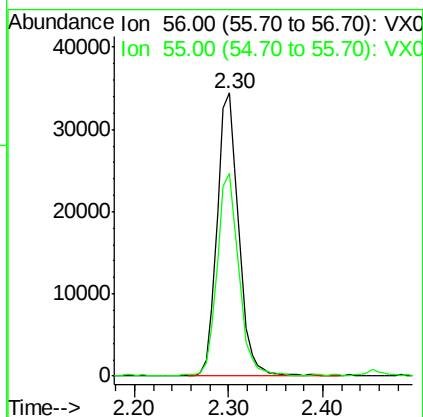
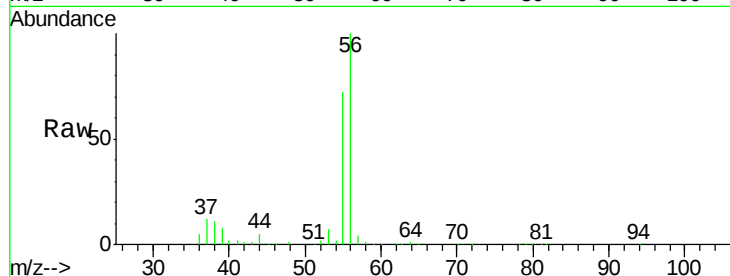
56 100

55 72.3 57.2 85.8

Manual Integrations
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#14

Allyl chloride

Concen: 55.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

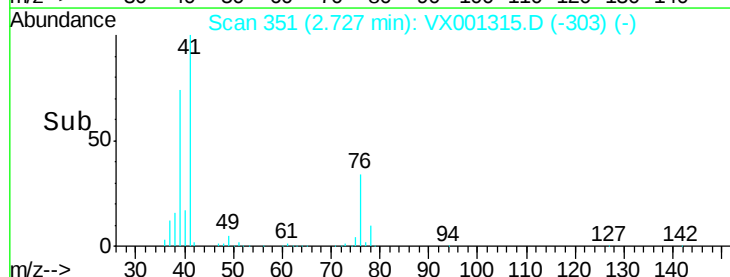
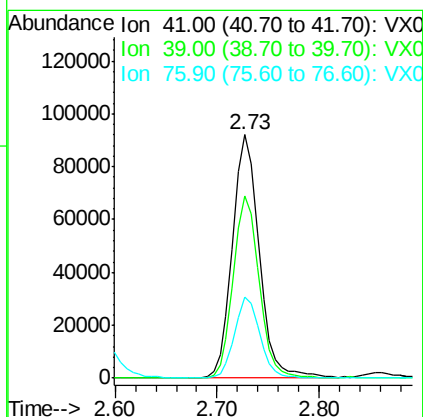
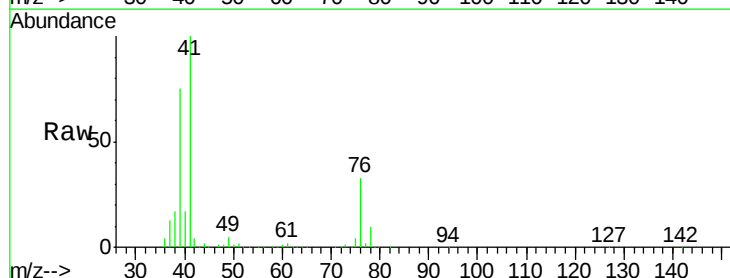
Tgt Ion: 41 Resp: 166630

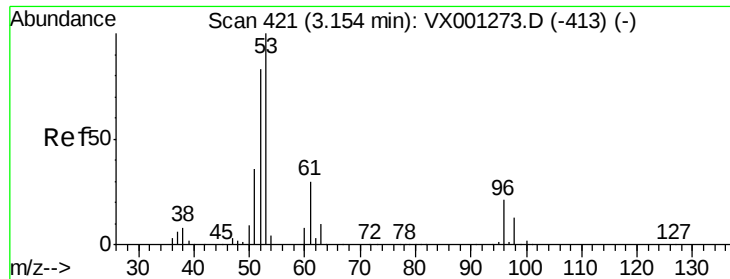
Ion Ratio Lower Upper

41 100

39 72.3 58.1 87.1

76 31.9 25.1 37.7





#15

Acrylonitrile

Concen: 295.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001315.D

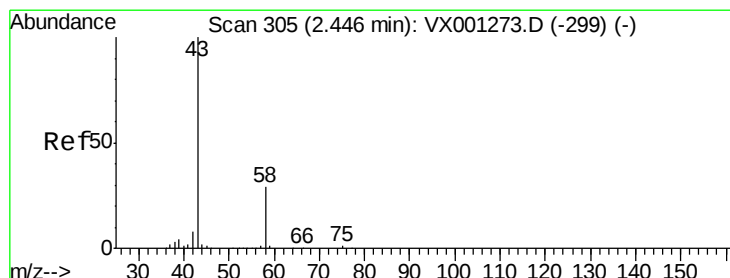
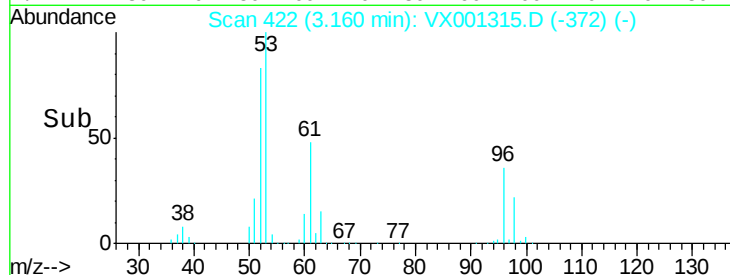
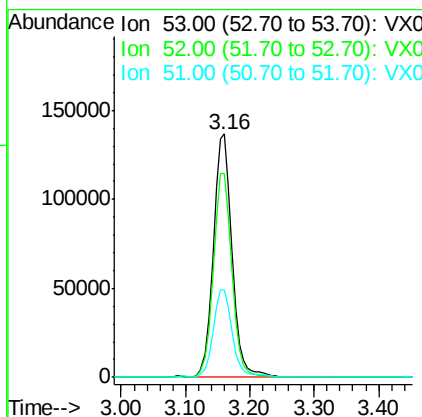
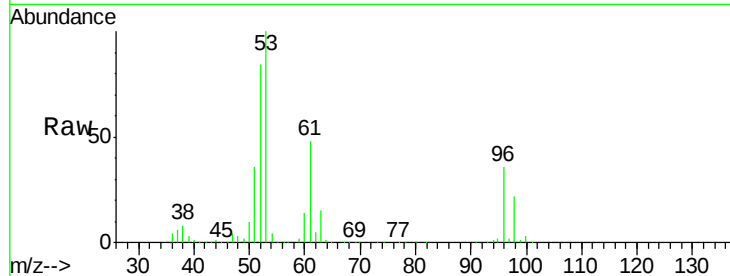
Acq: 02 May 2018 13:21

Tot Ion:	53	Resp:	279024
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.0	100.4
51	37.1	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#16

Acetone

Concen: 283.96 ug/l

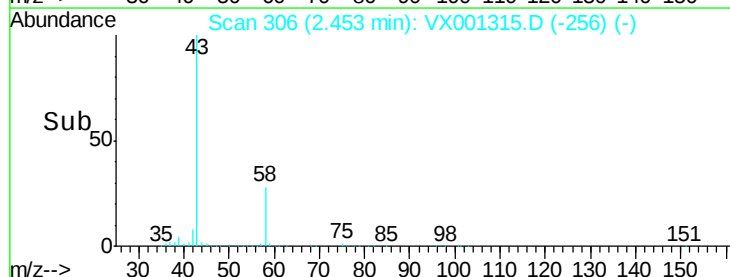
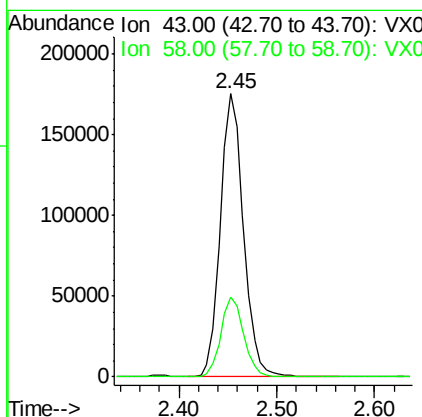
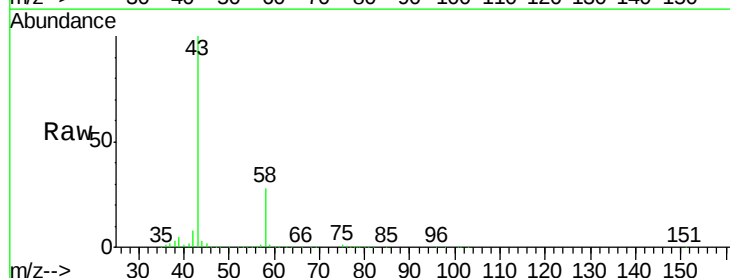
RT: 2.45 min Scan# 306

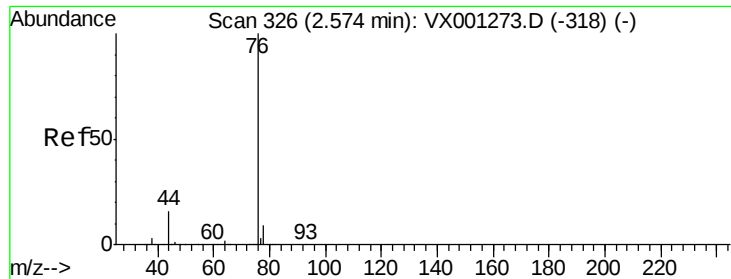
Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	43	Resp:	286710
Ion Ratio		Lower	Upper
43	100		
58	28.4	22.8	34.2





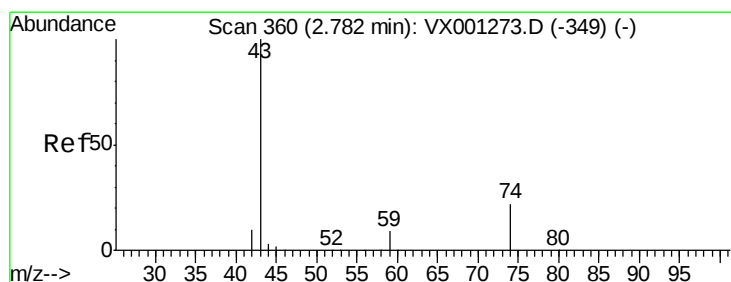
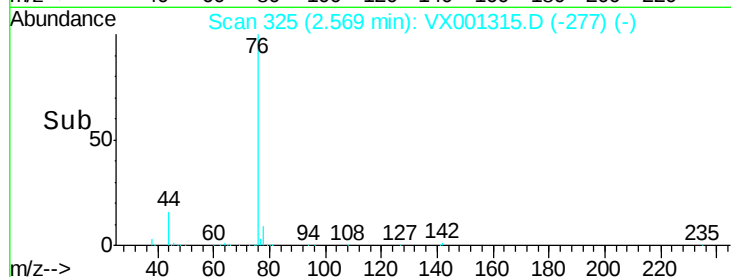
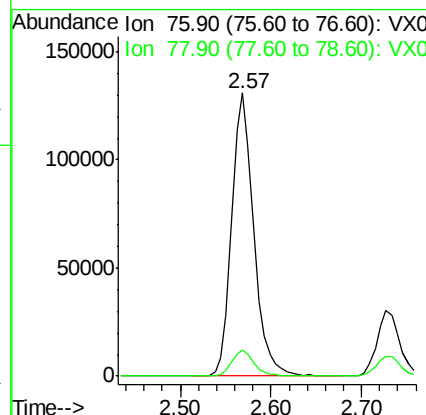
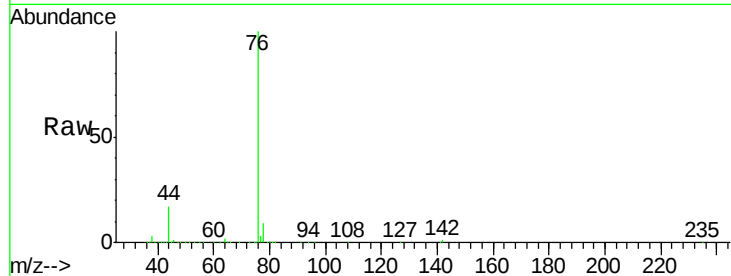
#17
Carbon Disulfide
Concen: 49.50 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

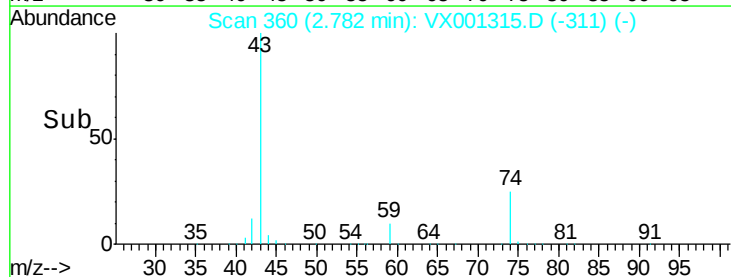
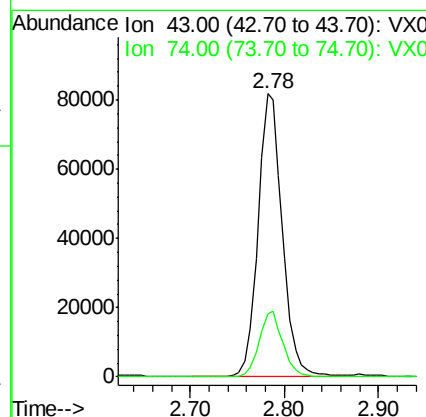
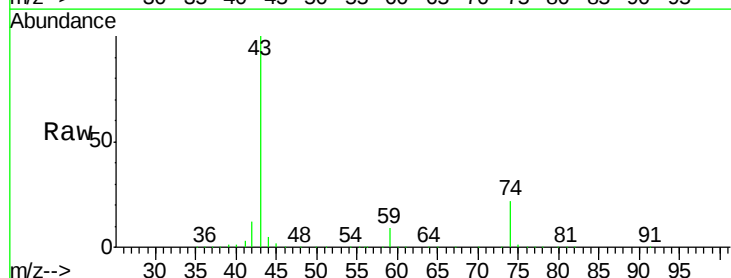
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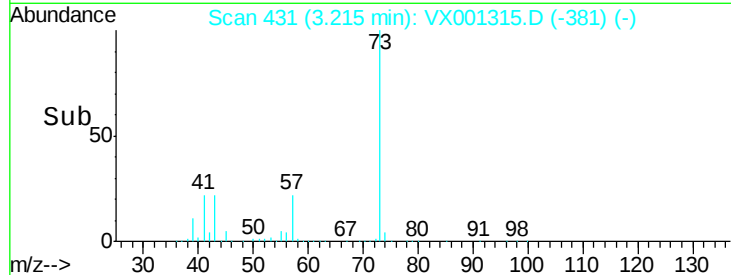
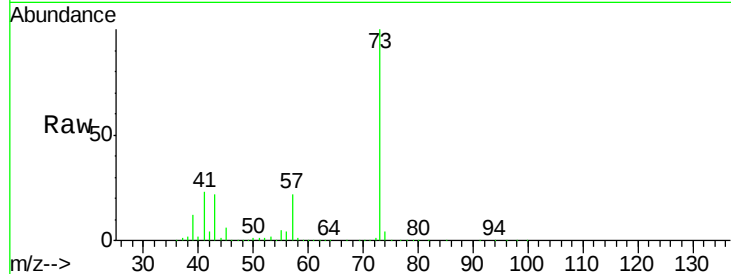
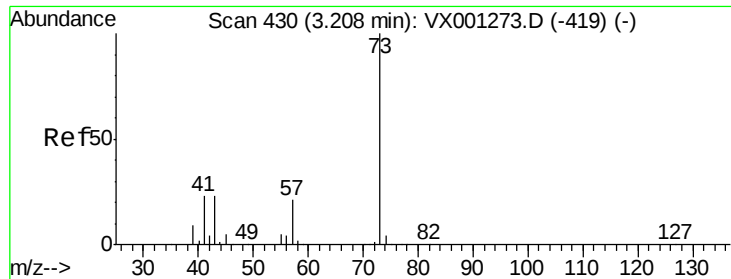
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#18
Methyl Acetate
Concen: 61.84 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.6





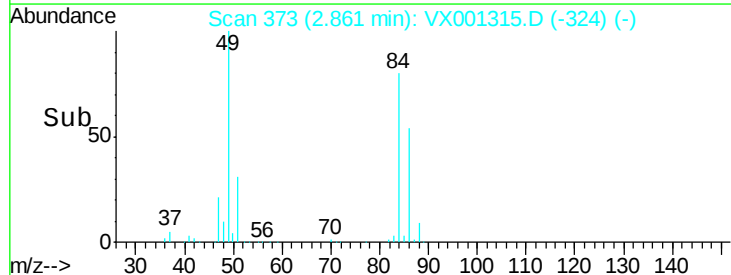
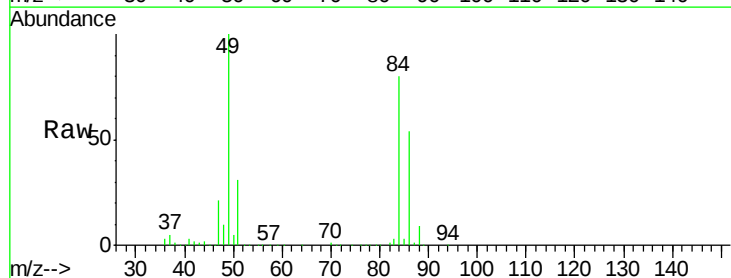
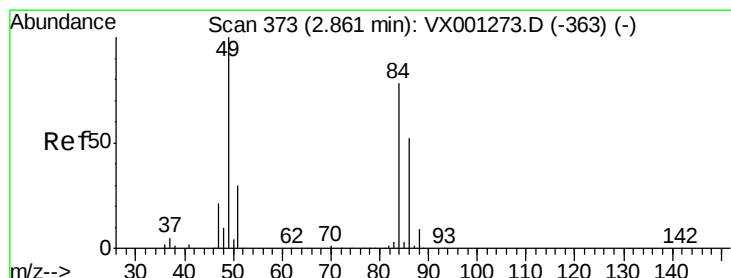
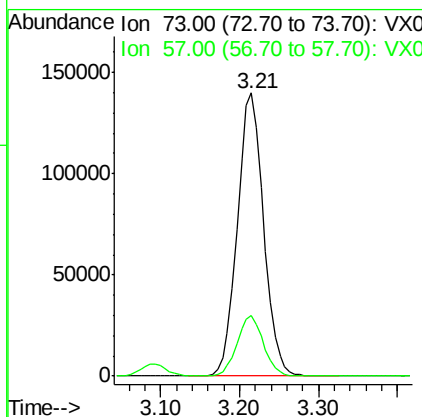
#19
Methyl tert-butyl Ether
Concen: 55.58 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

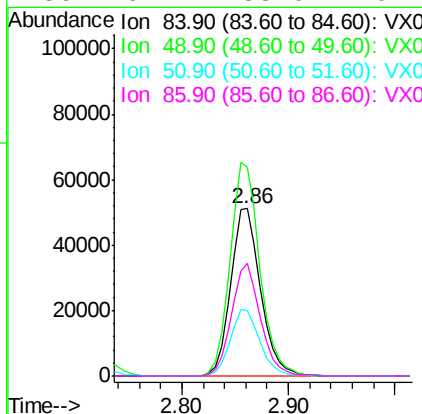
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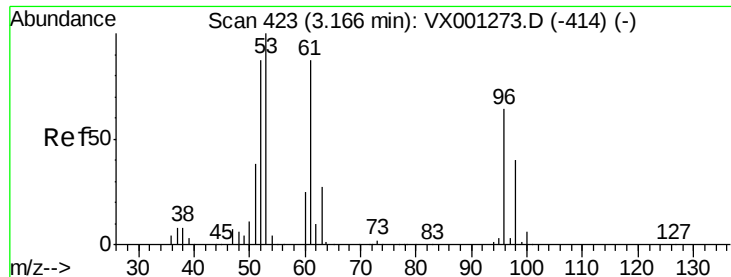
MMDadoda
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#20
Methylene Chloride
Concen: 55.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	102.8	154.2
51	38.6	30.9	46.3
86	67.1	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 52.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 97169

Ion Ratio Lower Upper

96 100

61 135.8 108.6 162.8

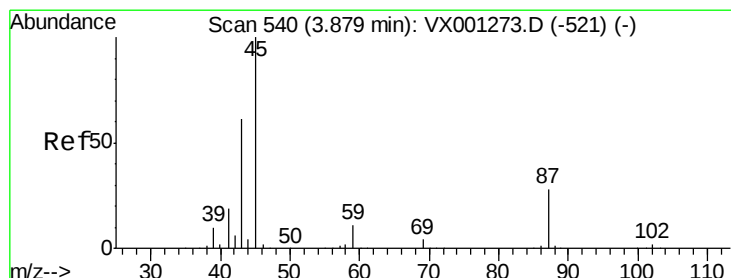
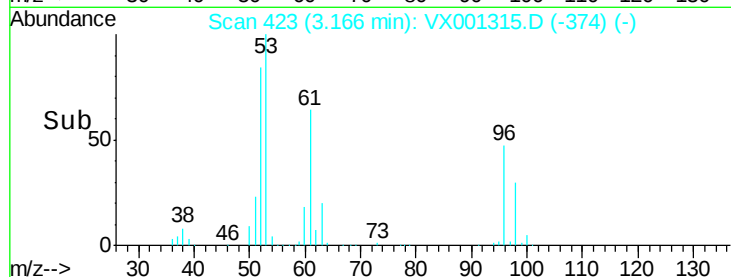
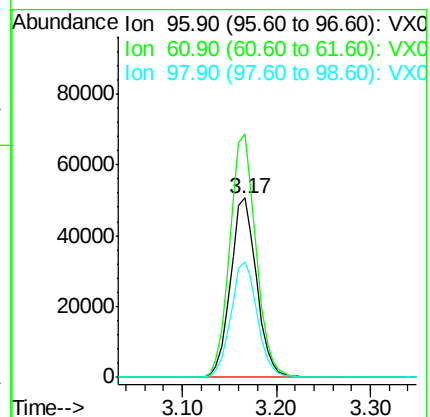
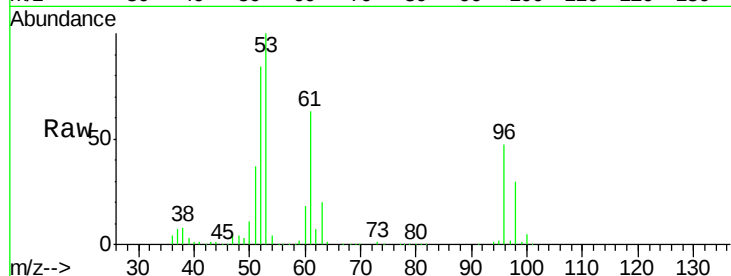
98 64.9 49.7 74.5

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5/3/2018 12:21:18 PM



#22

Diisopropyl ether

Concen: 51.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion: 45 Resp: 297055

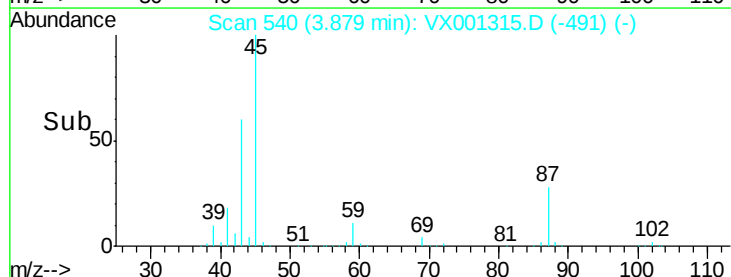
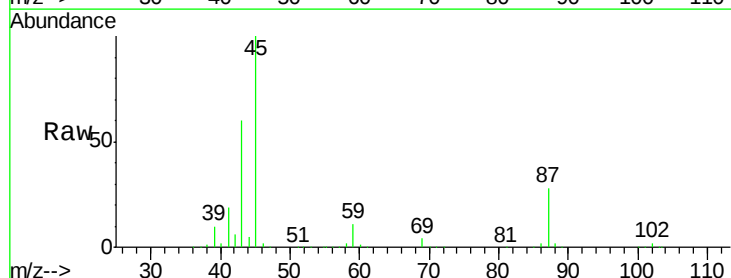
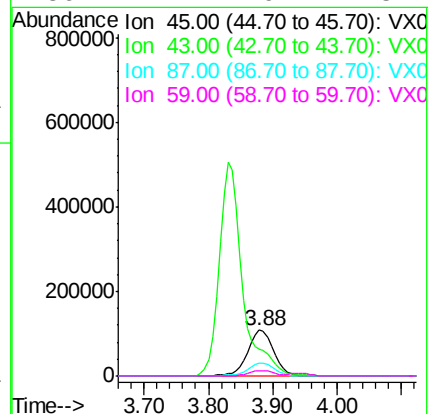
Ion Ratio Lower Upper

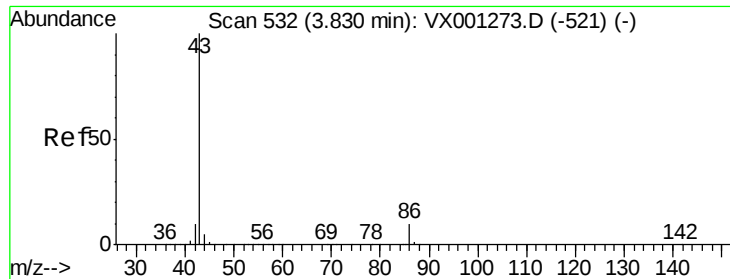
45 100

43 59.7 48.7 73.1

87 28.2 22.2 33.4

59 11.2 9.1 13.7





#23

Vinyl Acetate

Concen: 263.39 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1289133

Ion Ratio Lower Upper

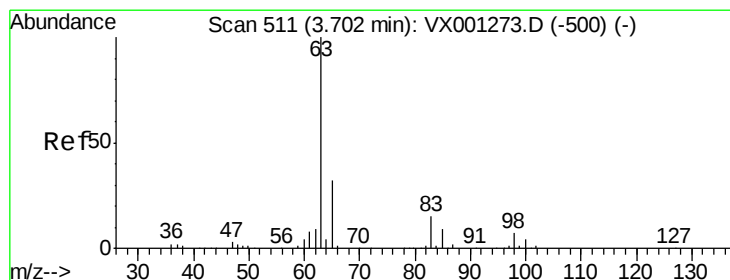
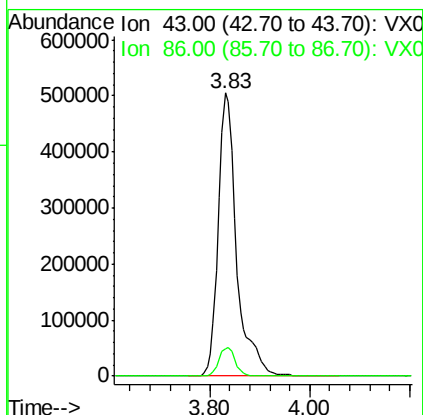
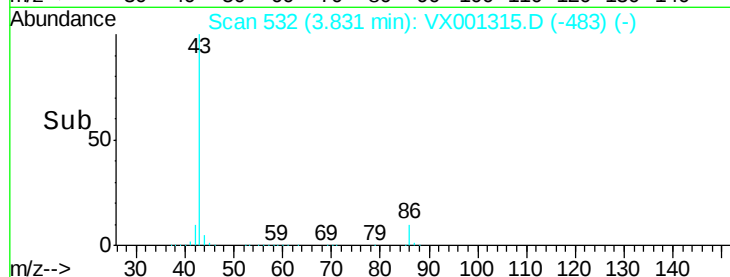
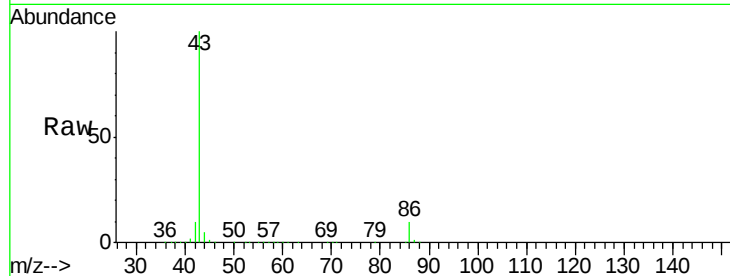
43 100

86 9.8 8.2 12.4

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5/3/2018 12:21:18 PM



#24

1,1-Dichloroethane

Concen: 56.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

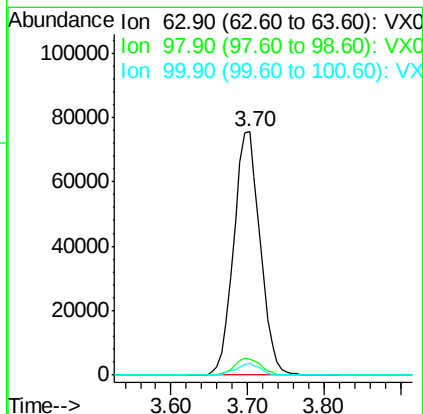
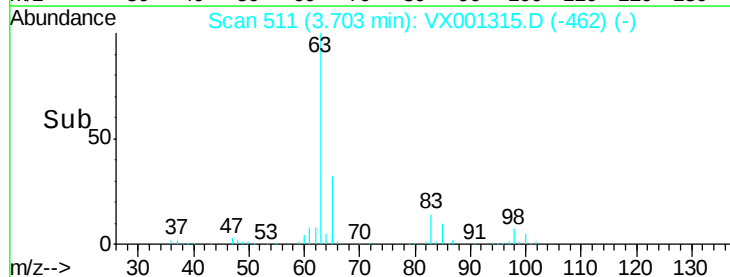
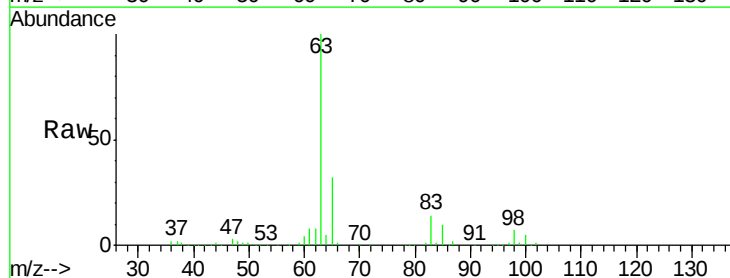
Tgt Ion: 63 Resp: 180539

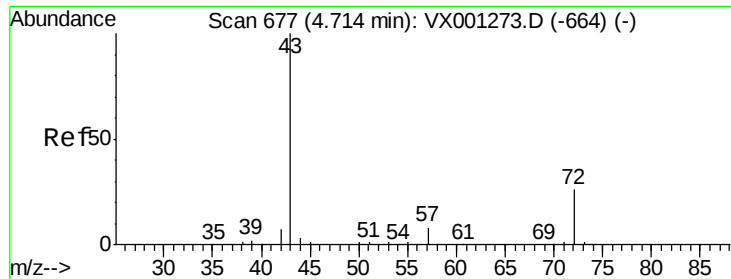
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 274.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 375254

Ion Ratio Lower Upper

43 100

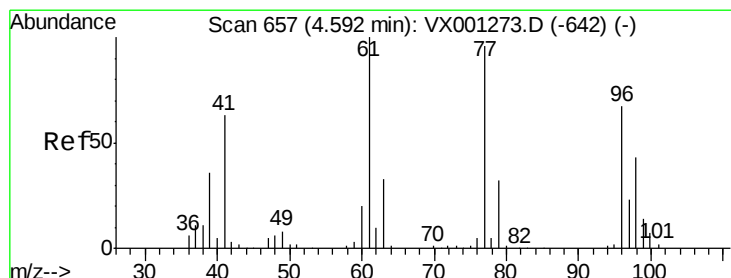
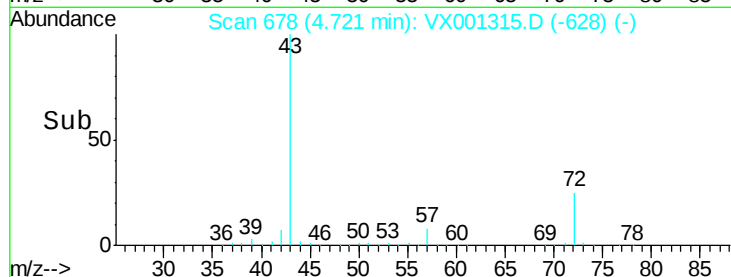
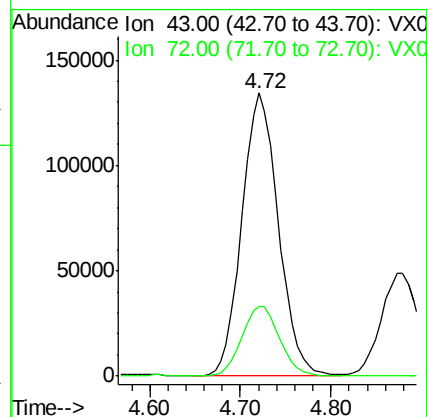
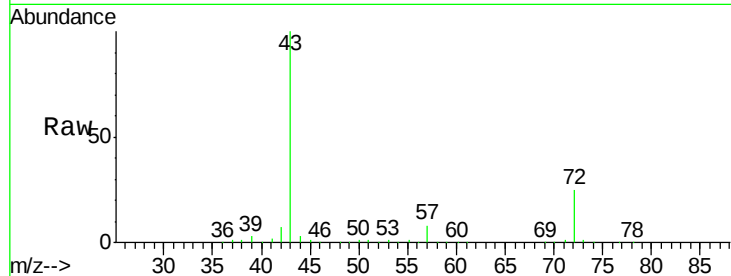
72 24.8 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.61 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001315.D

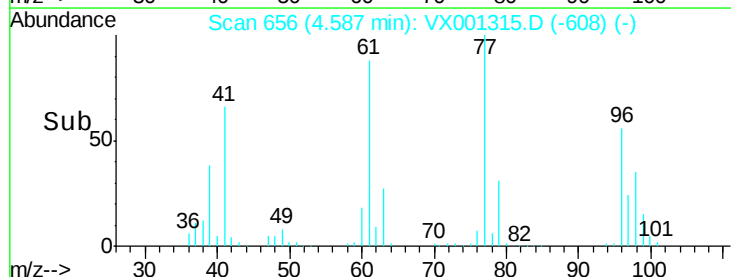
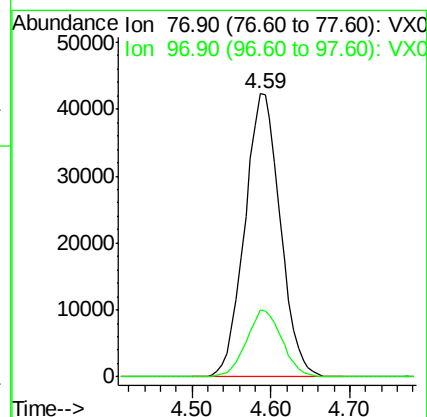
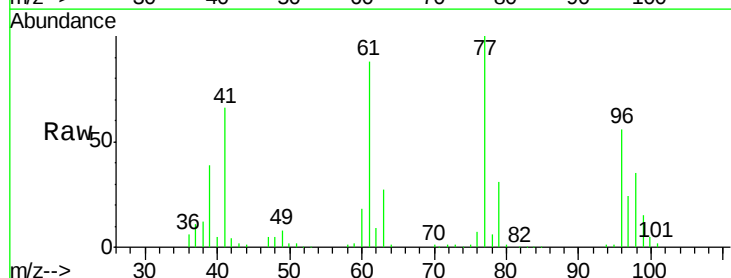
Acq: 02 May 2018 13:21

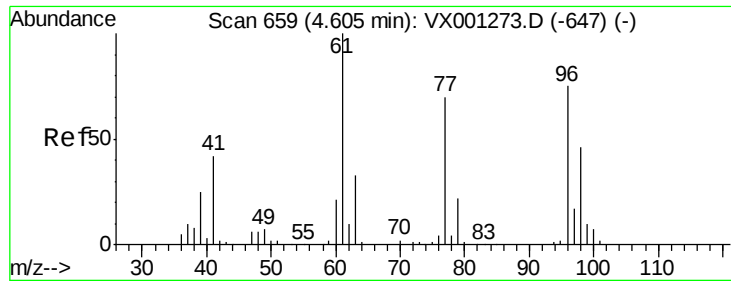
Tgt Ion: 77 Resp: 132493

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.14 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

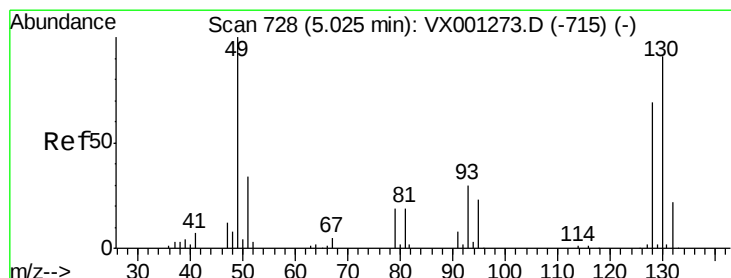
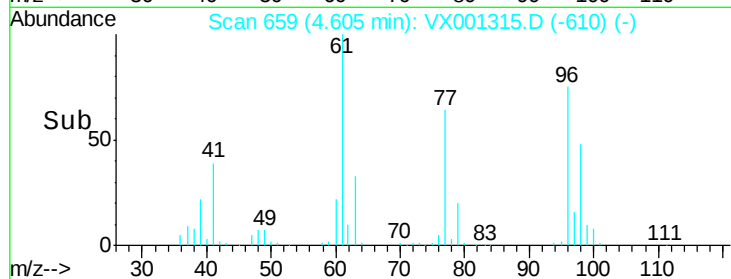
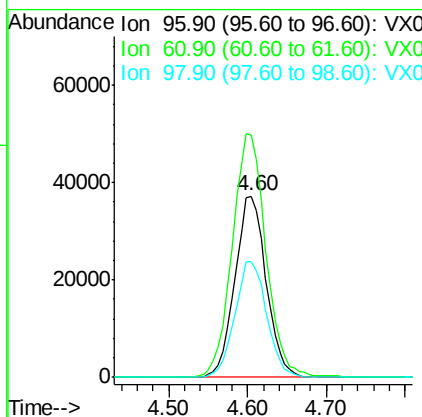
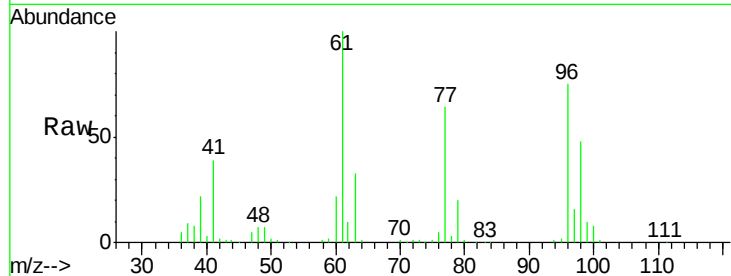
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	102812
Ion Ratio	Lower	Upper	
96	100		
61	145.1	0.0	288.0
98	65.0	0.0	130.2

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#28

Bromochloromethane

Concen: 55.90 ug/l

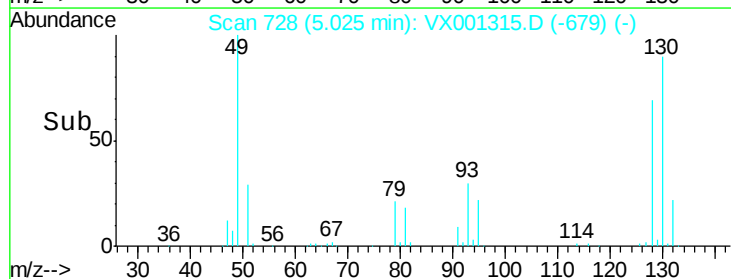
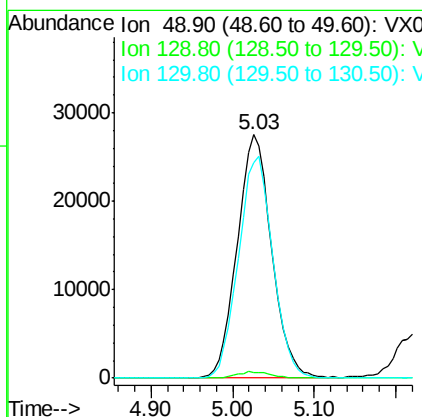
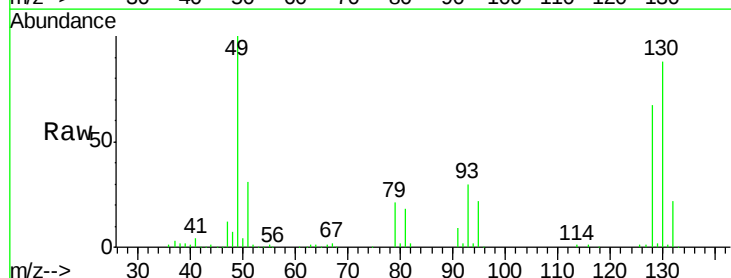
RT: 5.03 min Scan# 728

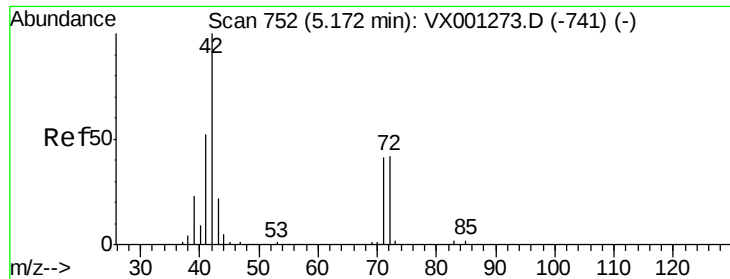
Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	49	Resp:	80841
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.8
130	90.9	70.4	105.6





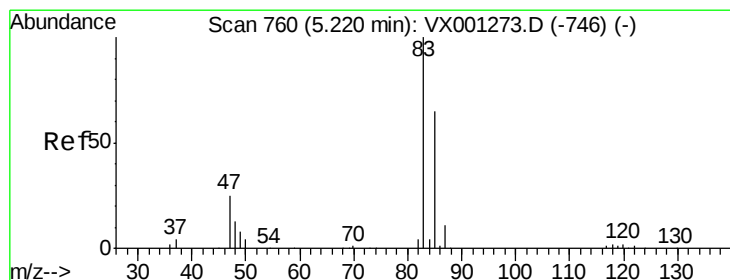
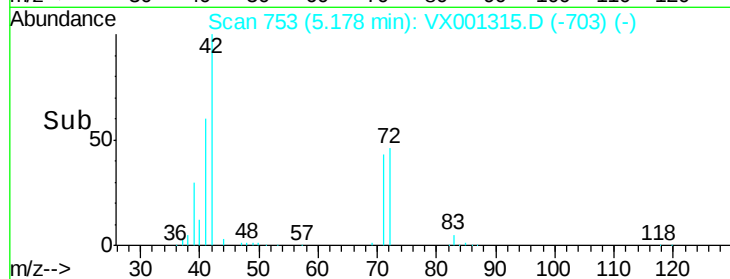
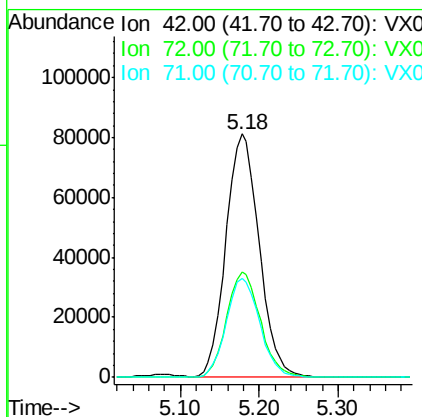
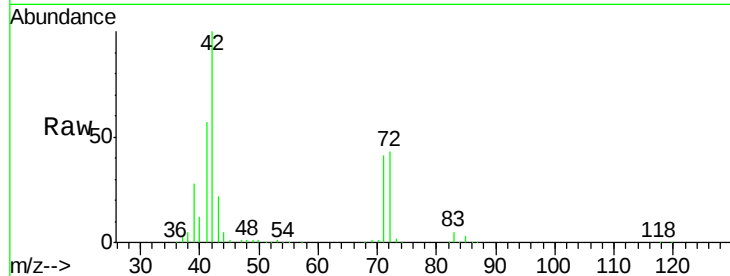
#29
Tetrahydrofuran
Concen: 283.12 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.6	52.0
71	41.0	32.7	49.1

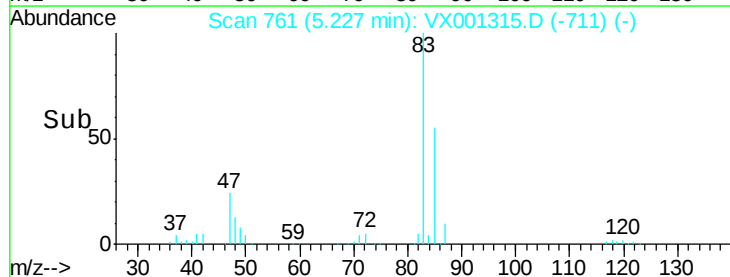
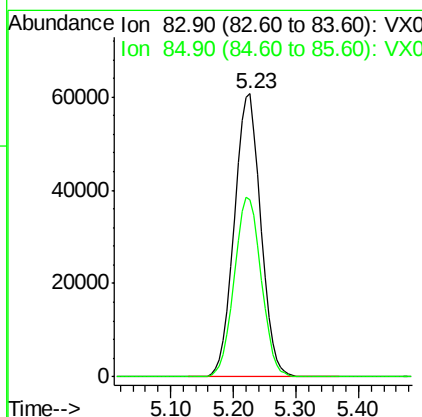
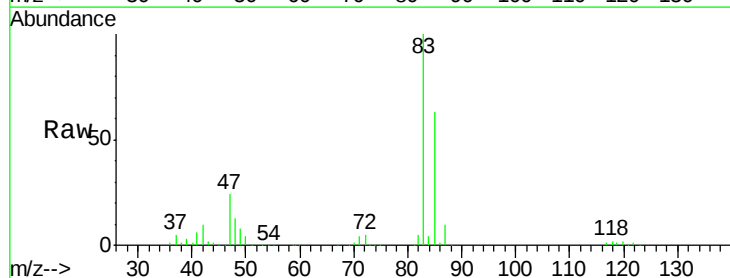
Manual Integrations
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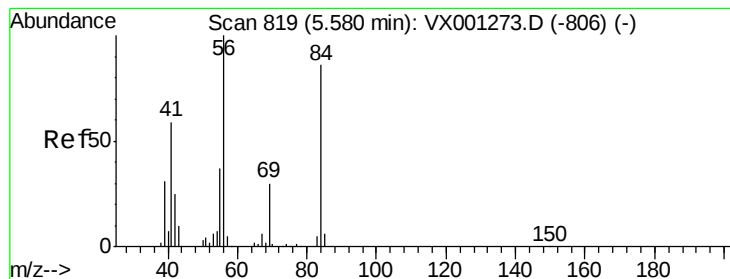
MMDadoda
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#30
Chloroform
Concen: 52.16 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.2	78.2





#31

Cyclohexane

Concen: 48.78 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

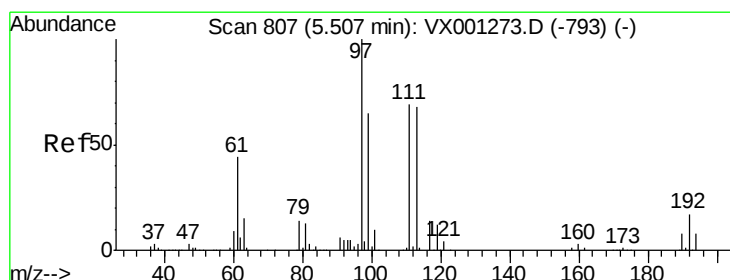
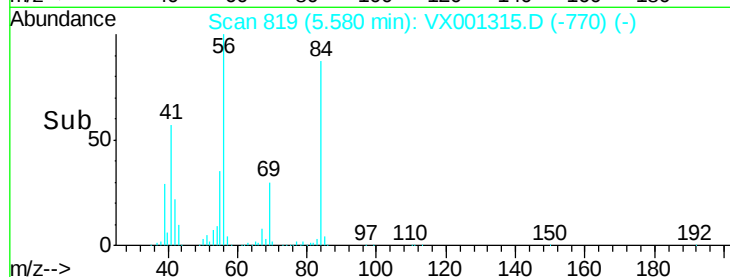
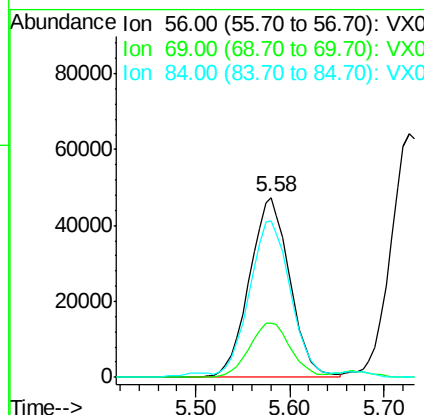
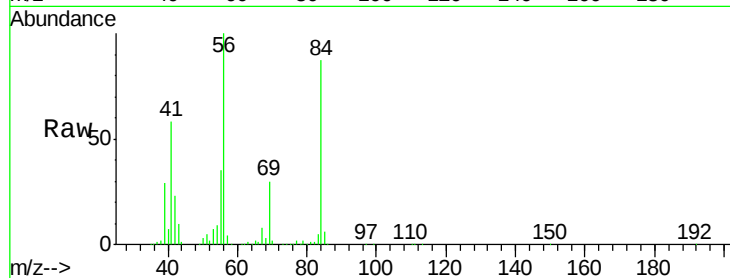
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	141740
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.0	36.0
84	85.0	69.0	103.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.32 ug/l

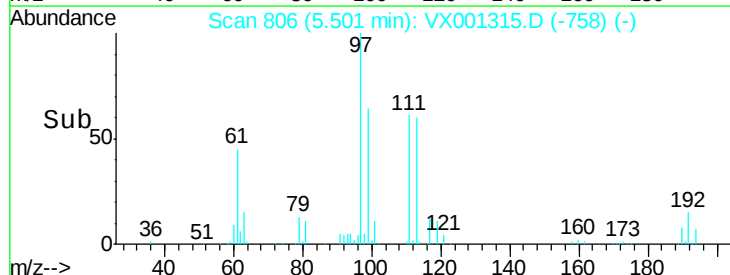
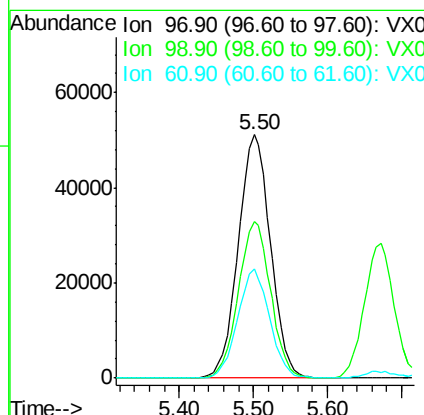
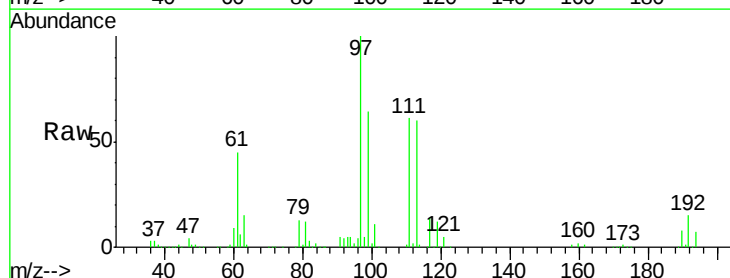
RT: 5.50 min Scan# 806

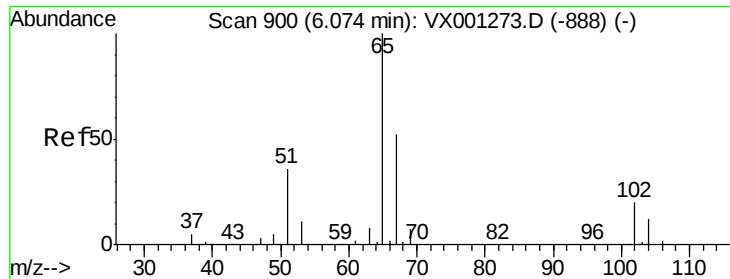
Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	97	Resp:	155523
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	44.2	35.4	53.2





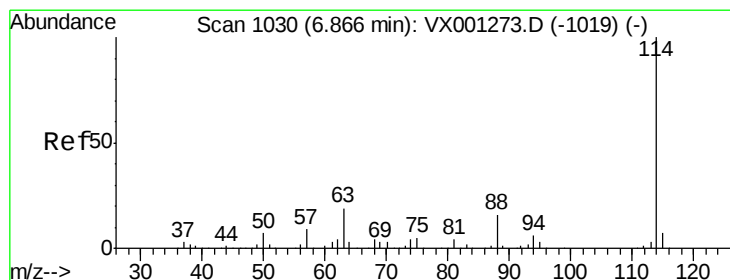
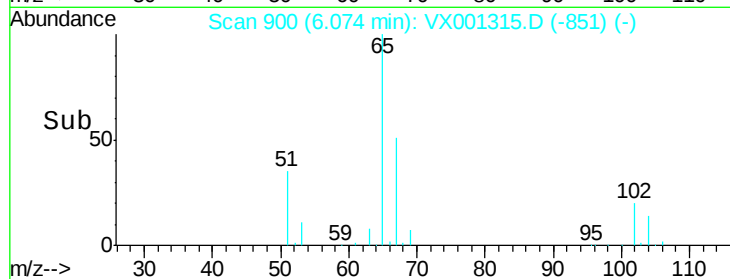
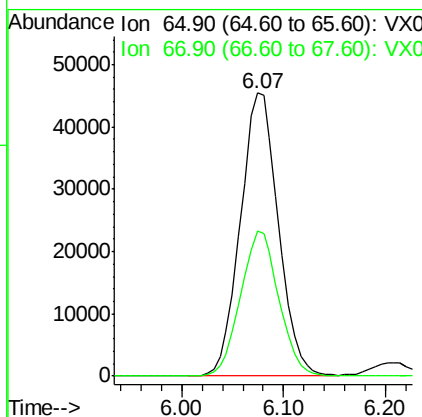
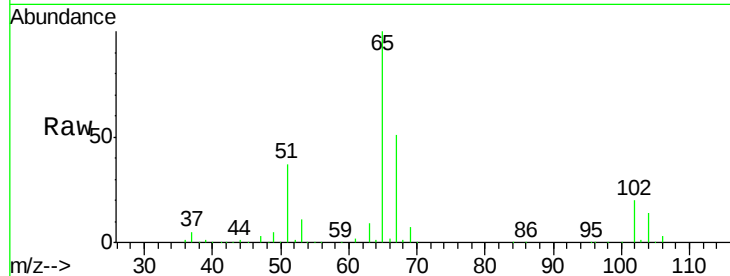
#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8

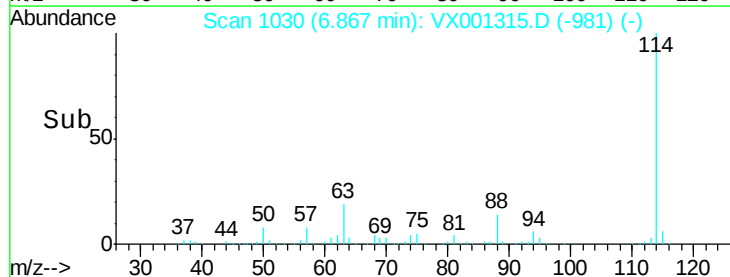
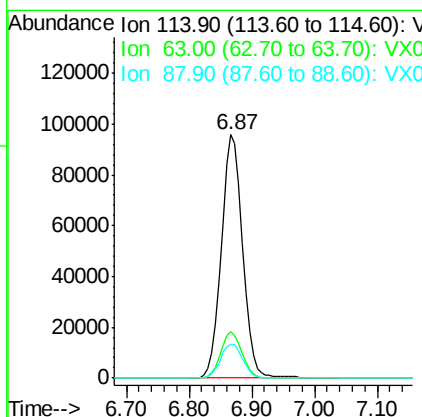
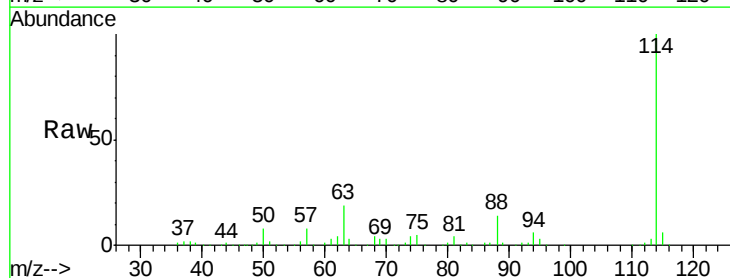
Manual Integrations
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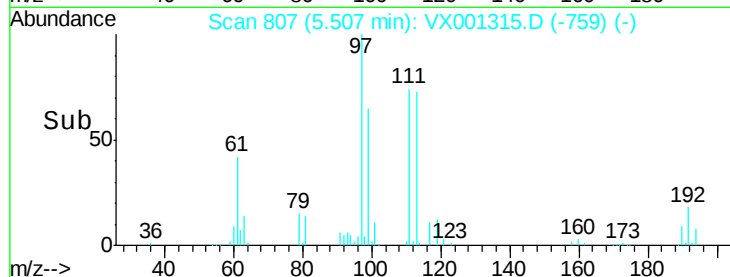
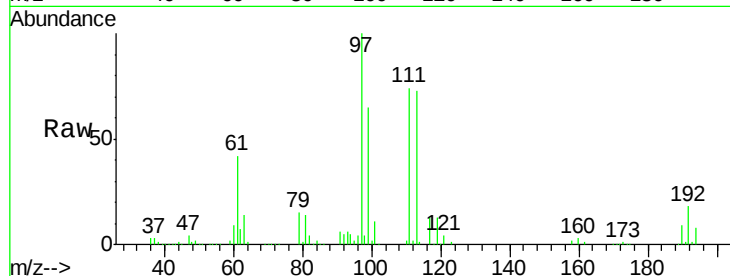
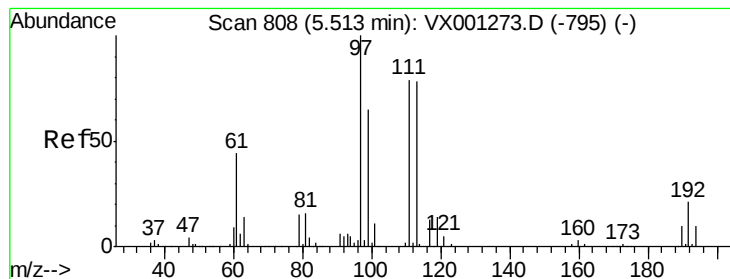
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	14.1	0.0	32.2





#35

Dibromofluoromethane

Concen: 51.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001315.D

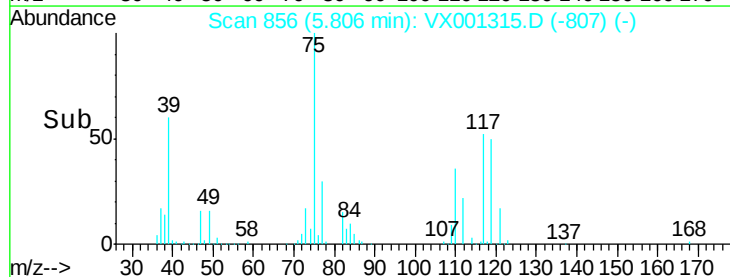
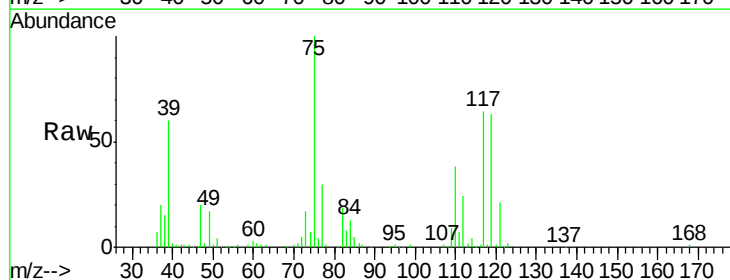
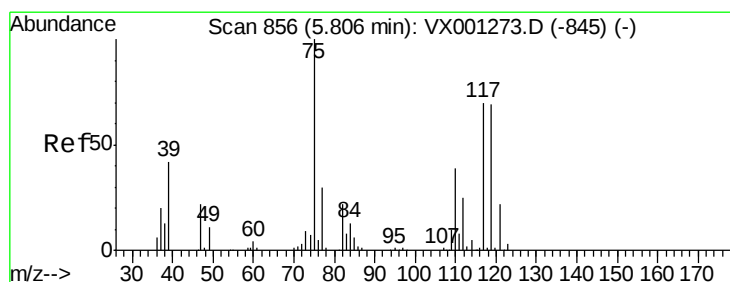
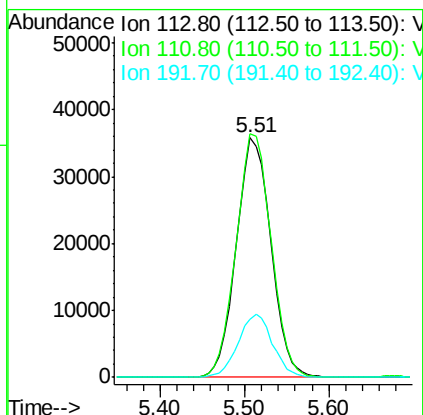
Acq: 02 May 2018 13:21

Tot Ion:	113	Resp:	99669
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	26.2	20.7	31.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.33 ug/l

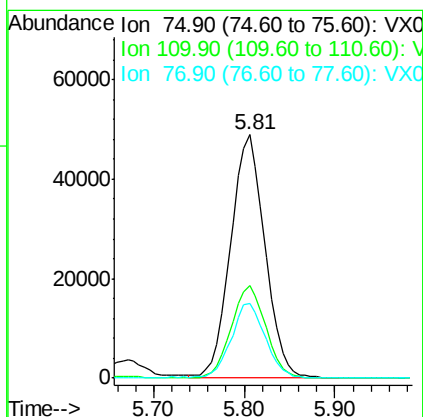
RT: 5.81 min Scan# 856

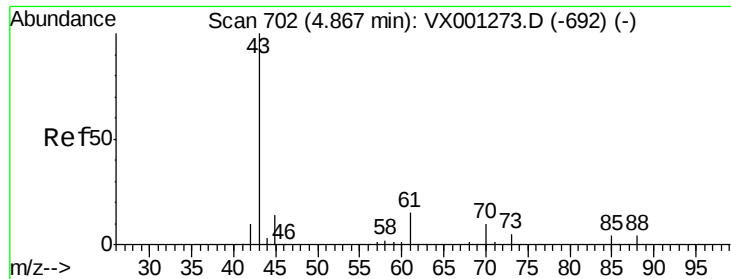
Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	75	Resp:	127784
Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.9	56.9
77	31.3	24.2	36.2





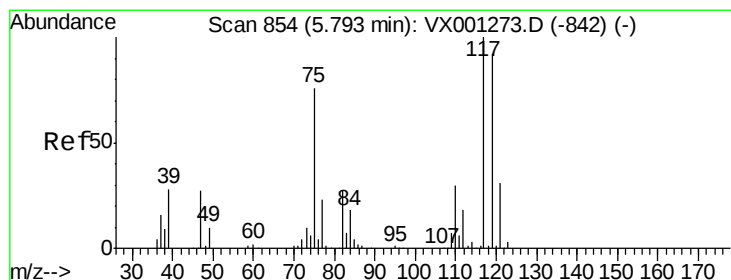
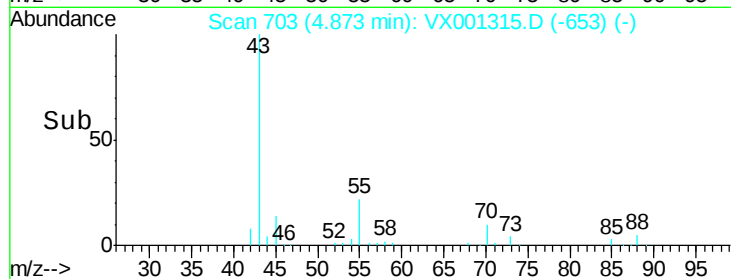
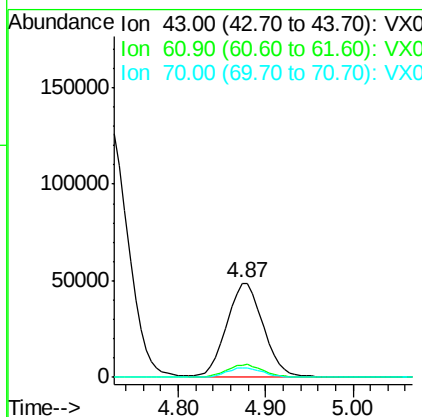
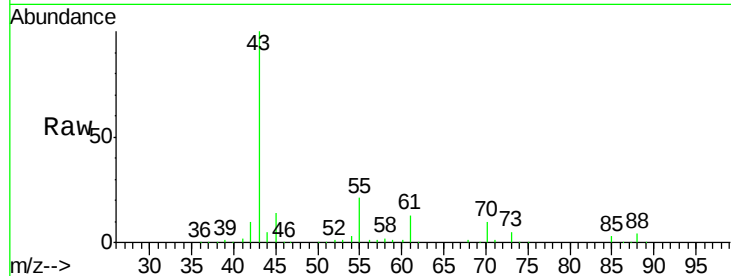
#37
Ethyl Acetate
Concen: 54.35 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	142169
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.1	8.0	12.0

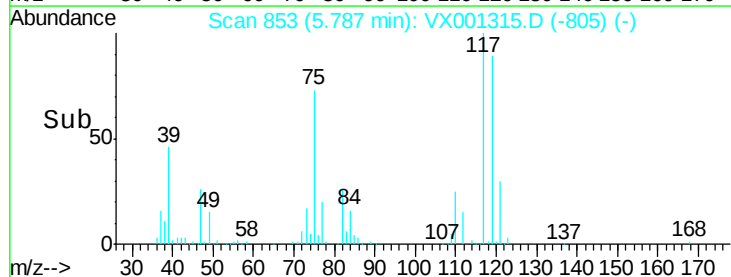
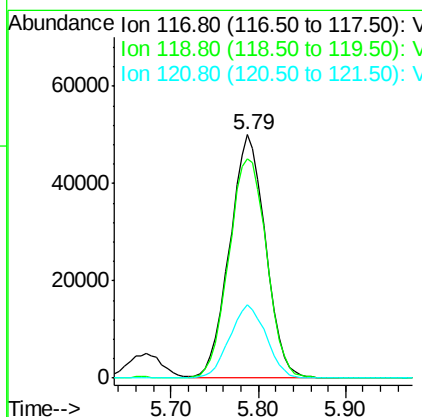
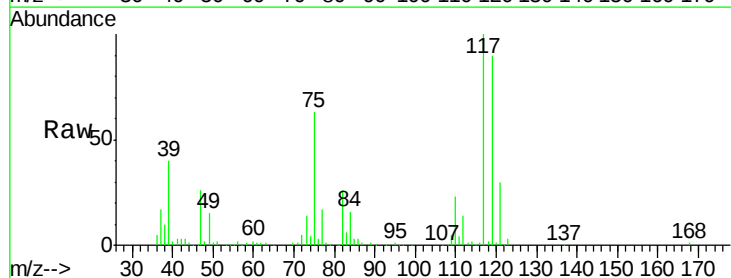
Manual Integrations
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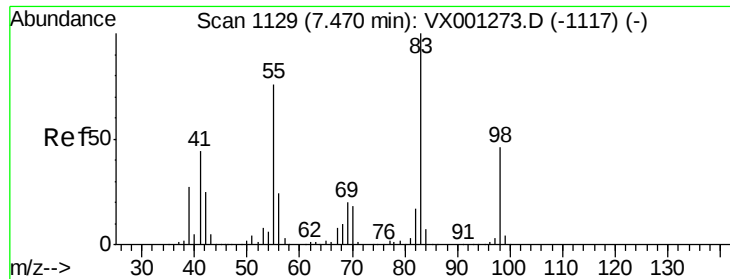
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:	117	Resp:	142849
Ion	Ratio	Lower	Upper
117	100		
119	90.3	73.4	110.2
121	30.2	25.0	37.4





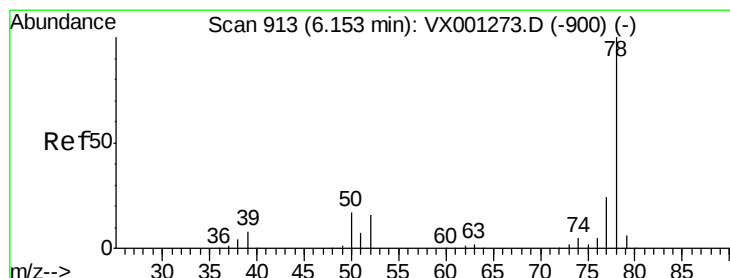
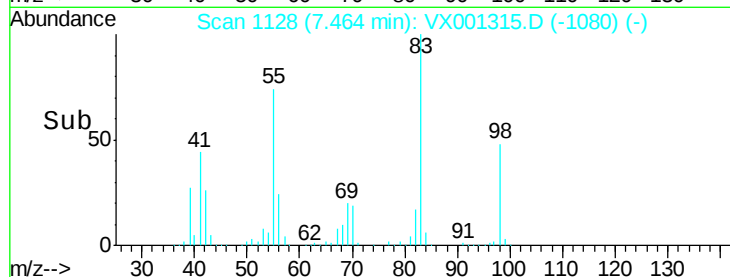
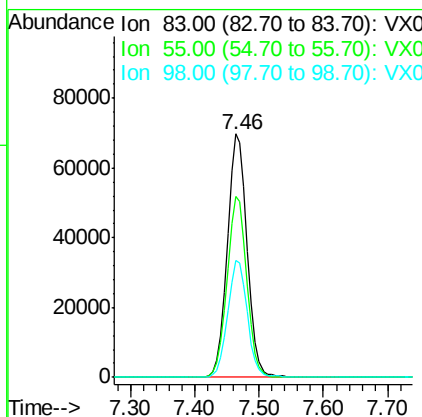
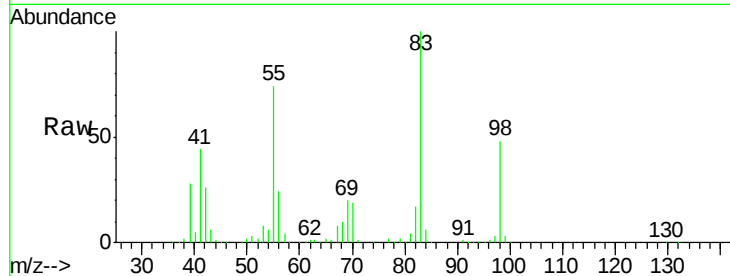
#39
Methvlcvclohexane
Concen: 49.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151306		
55	74.4		60.4	90.6
98	47.8		37.0	55.6

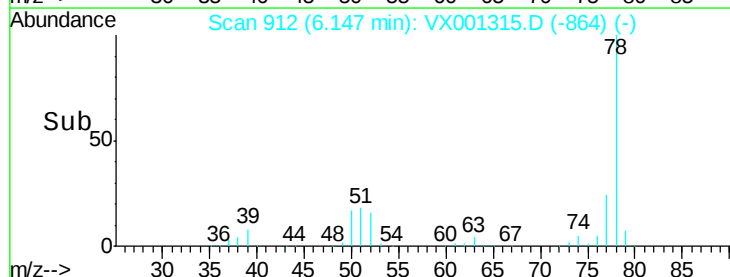
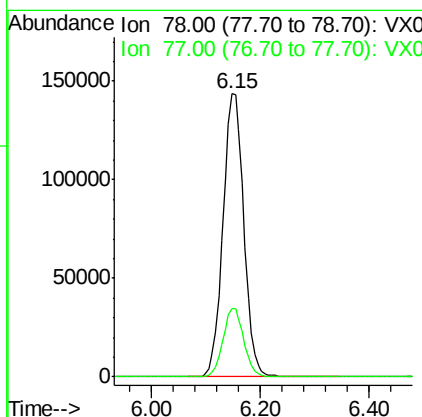
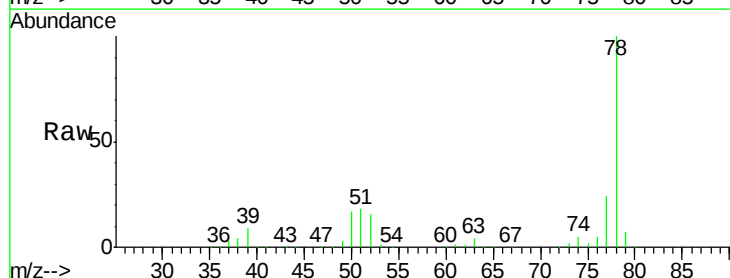
Manual Integrations
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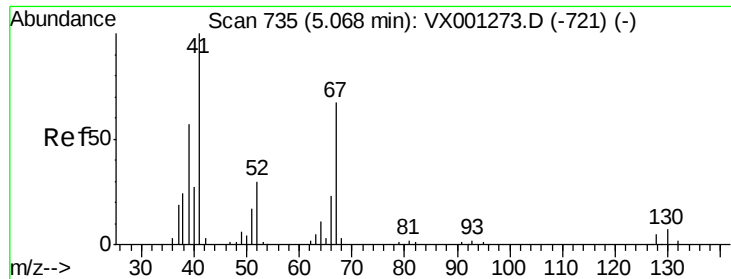
MMDadoda
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#40
Benzene
Concen: 51.45 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	383384		
77	24.1		19.0	28.4





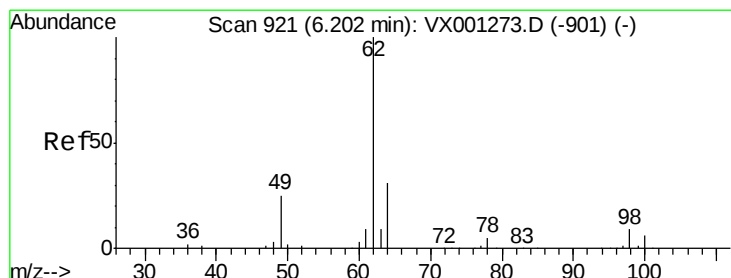
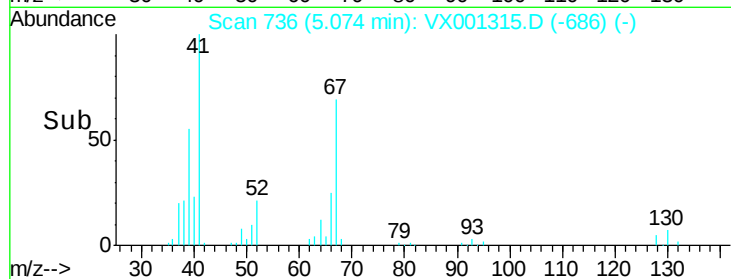
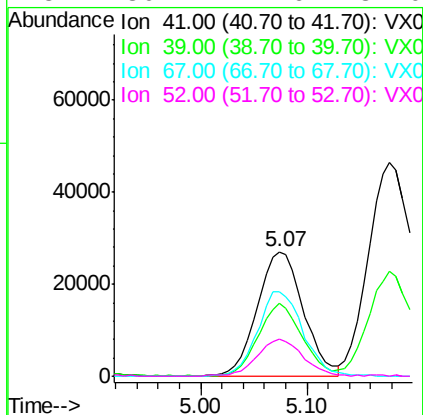
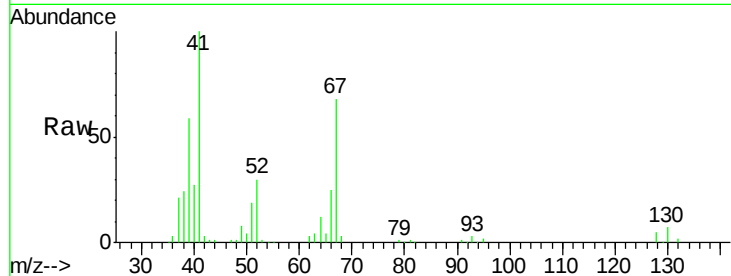
#41
Methacrylonitrile
Concen: 53.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	81234
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.8	68.8
67	67.5	54.8	82.2
52	30.2	24.6	37.0

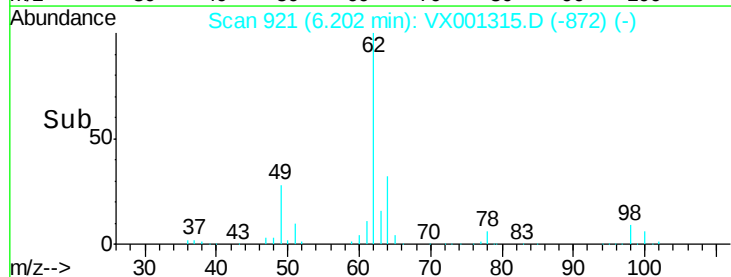
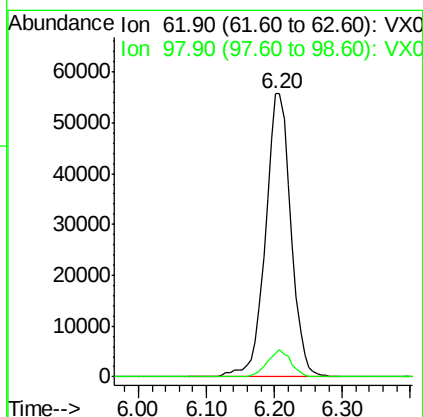
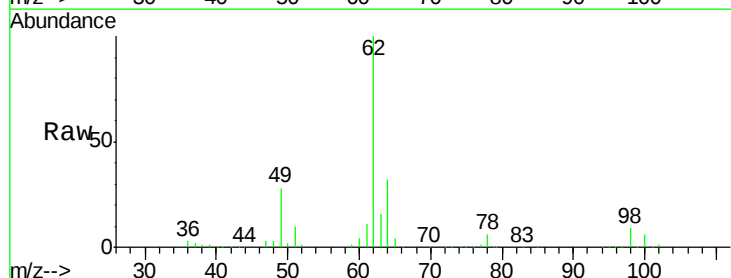
Manual Integrations
APPROVED

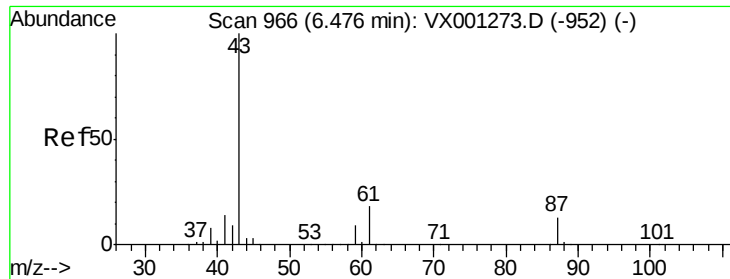
MMDadoda
5/3/2018 12:21:18 PM



#42
1,2-Dichloroethane
Concen: 50.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:	62	Resp:	145398
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





#43

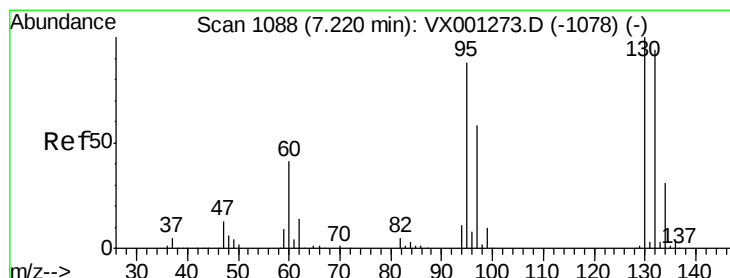
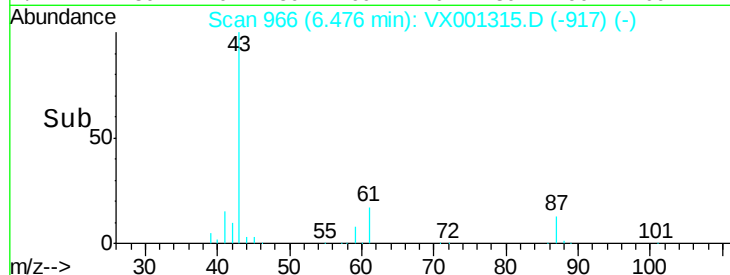
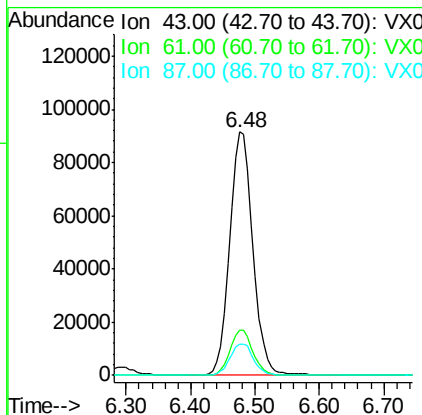
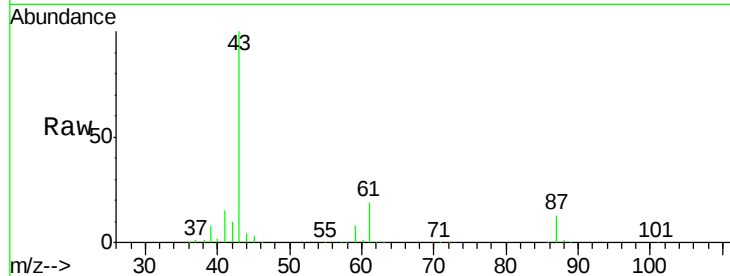
Isopropyl Acetate
 Concen: 54.45 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.4
87	13.3	10.2	15.4

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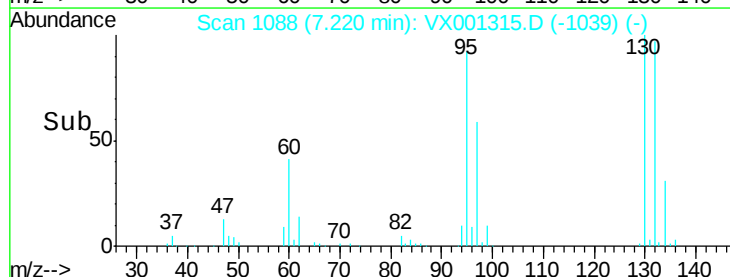
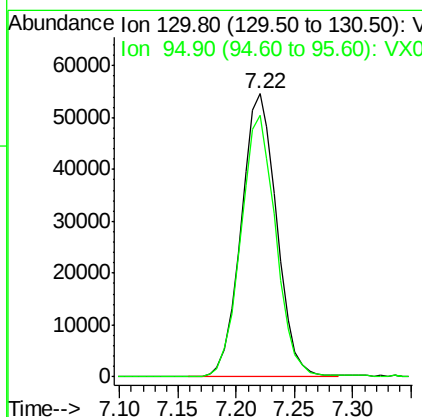
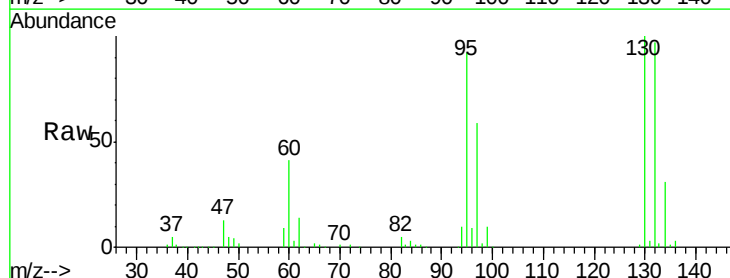
MMDadoda
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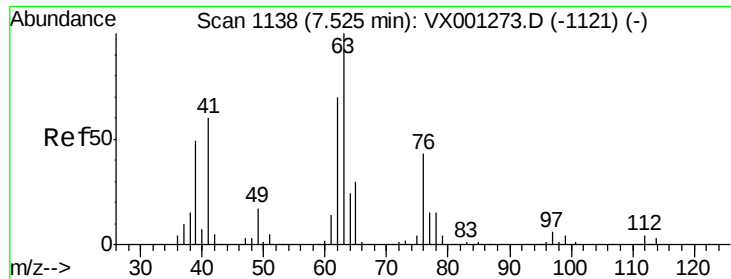


#44

Trichloroethene
 Concen: 50.87 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	176.0





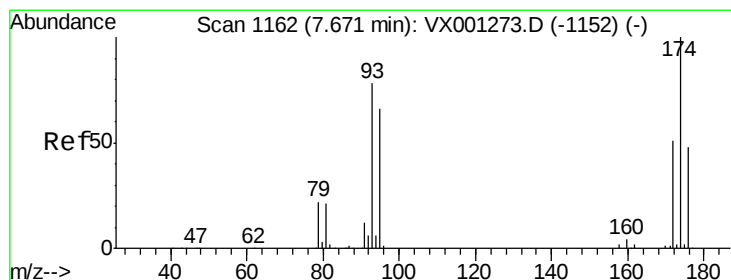
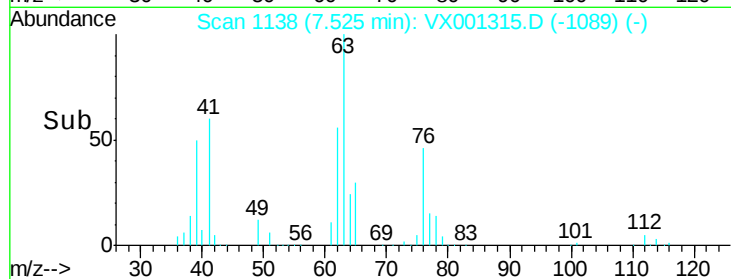
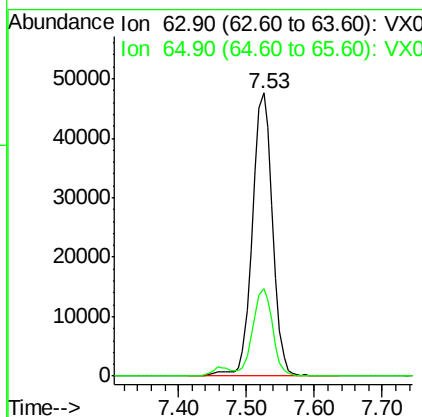
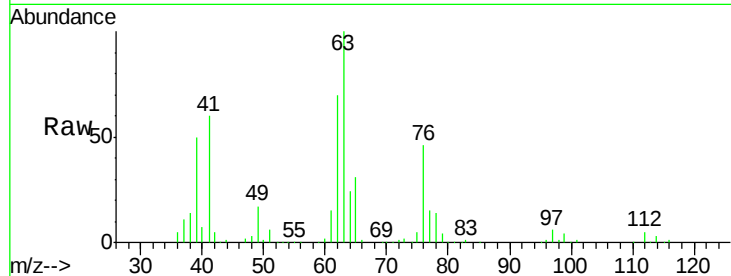
#45
 1,2-Dichloropropane
 Concen: 51.68 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 98909
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4

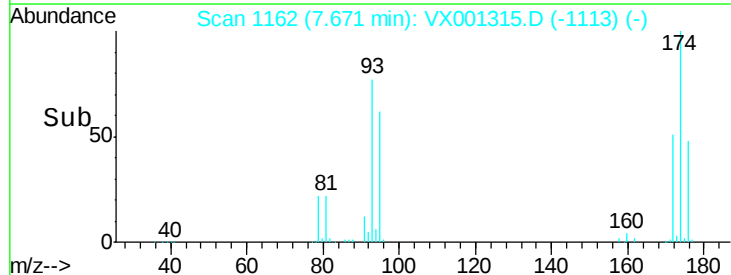
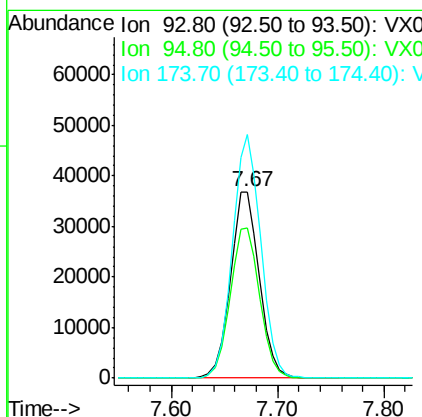
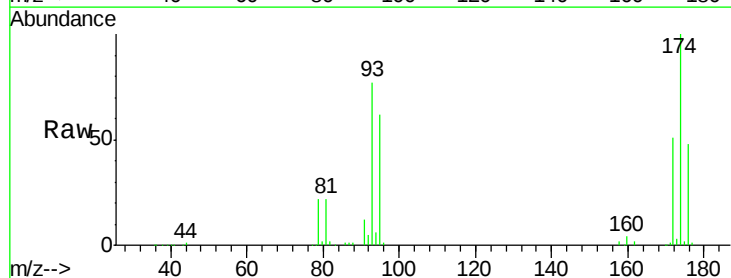
Manual Integrations
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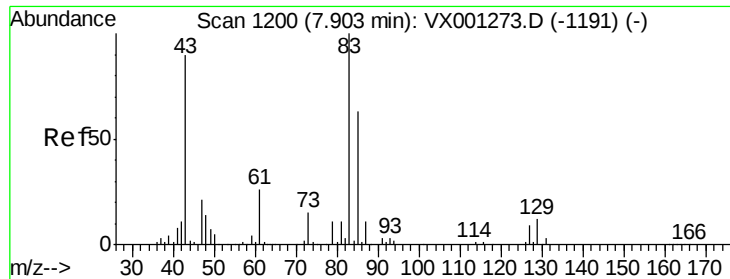
MMDadoda
 5/3/2018 12:21:18 PM



#46
 Dibromomethane
 Concen: 52.16 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 93 Resp: 69969
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.6
 174 128.5 102.3 153.5





#47

Bromodichloromethane

Concen: 54.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

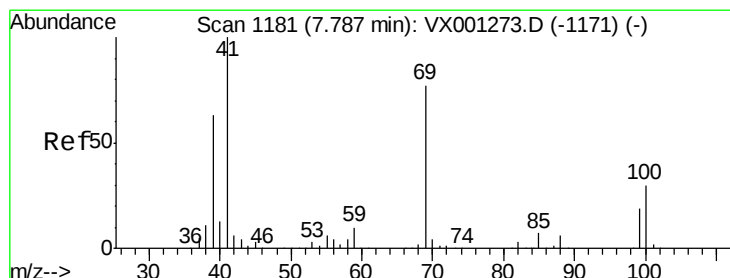
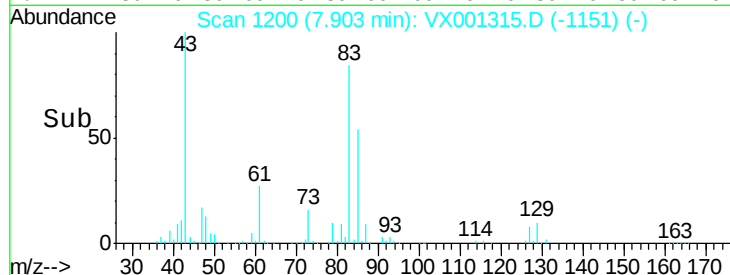
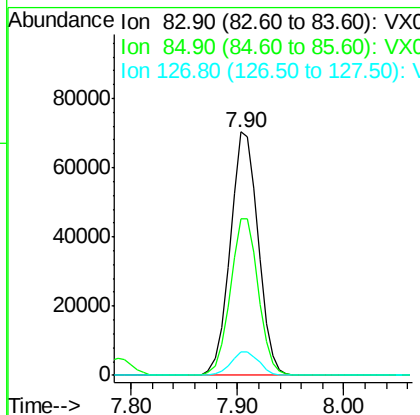
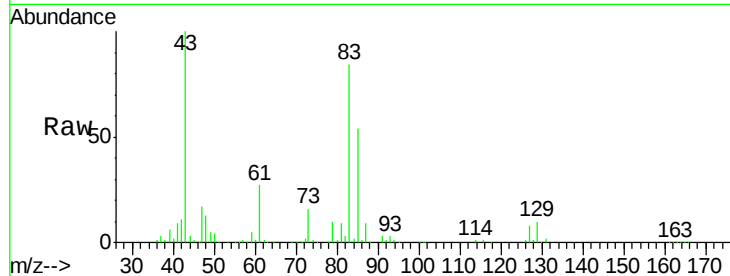
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	129705
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.3	75.5
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.74 ug/l

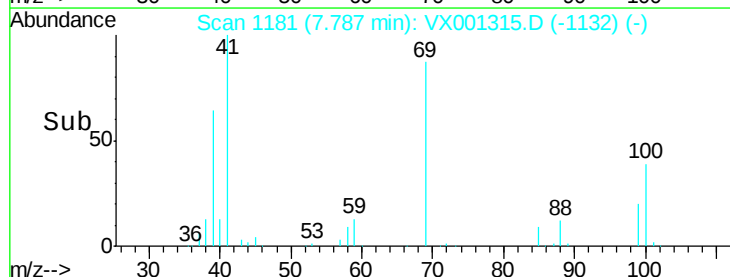
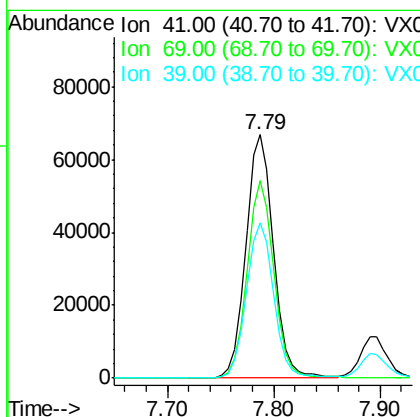
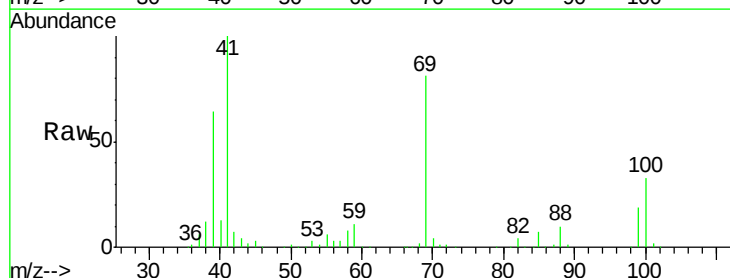
RT: 7.79 min Scan# 1181

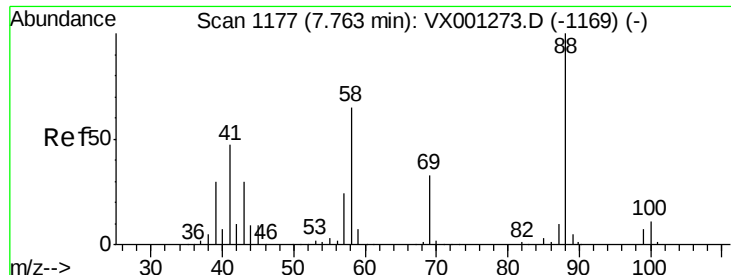
Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	41	Resp:	120984
Ion Ratio	Lower	Upper	
41	100		
69	79.4	63.0	94.6
39	63.8	50.2	75.4





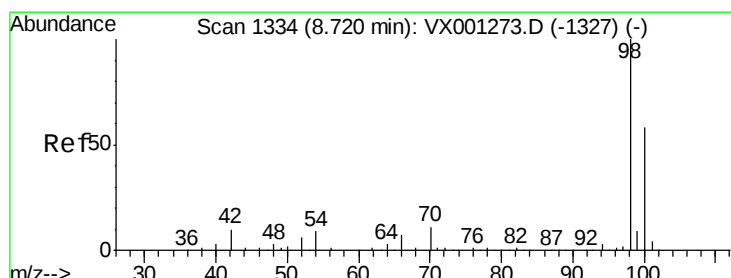
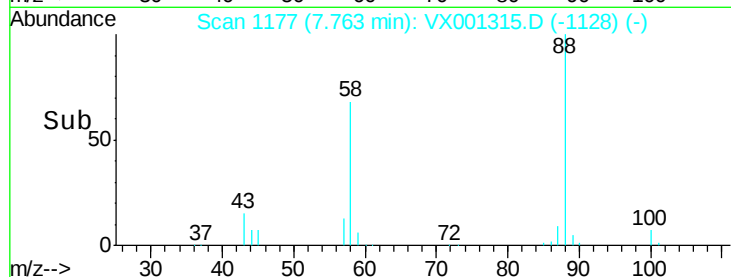
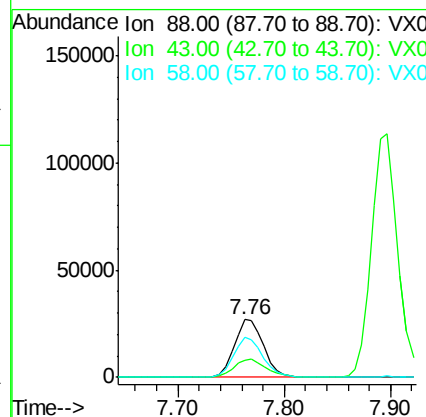
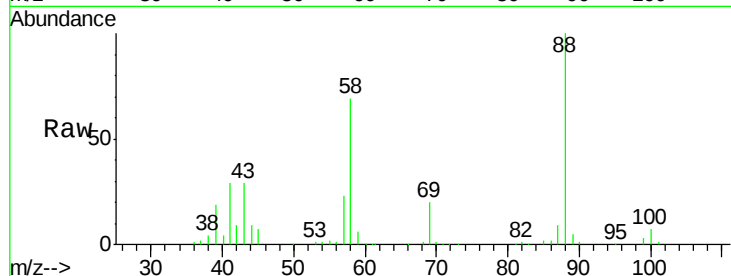
#49
1,4-Dioxane
Concen: 1217.74 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.9	41.9
58	69.3	54.2	81.2

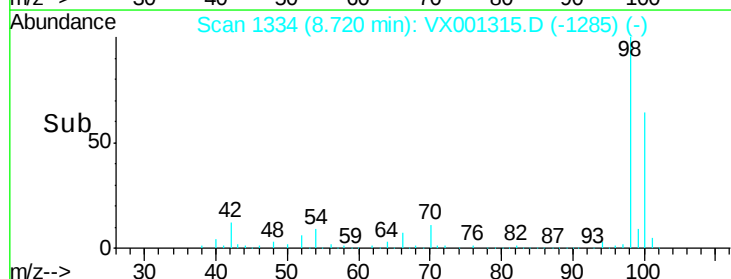
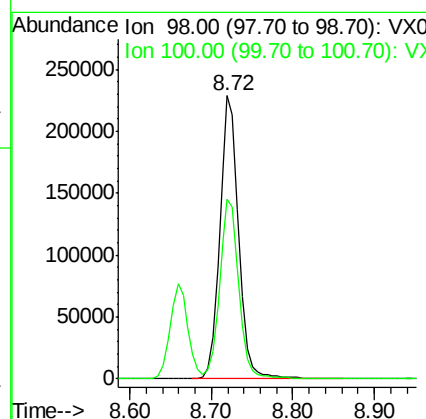
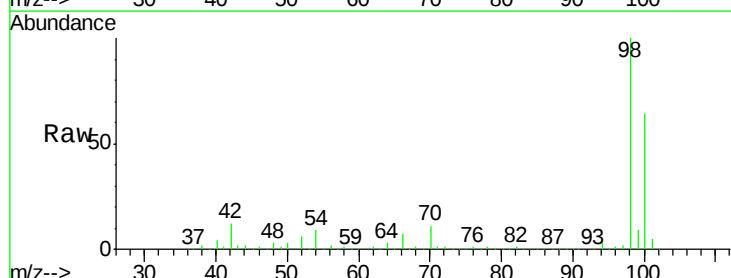
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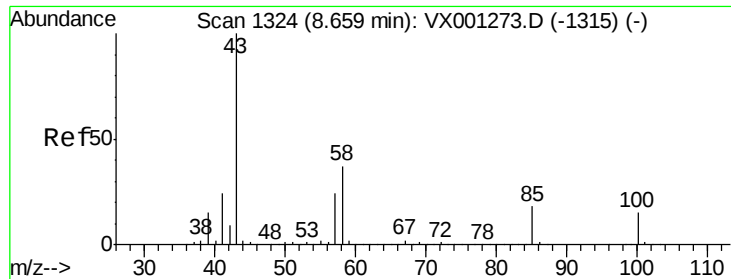
MMDadoda
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#50
Toluene-d8
Concen: 53.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 287.82 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 785801

Ion Ratio Lower Upper

43 100

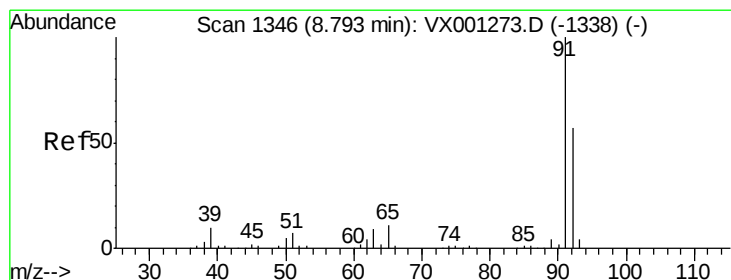
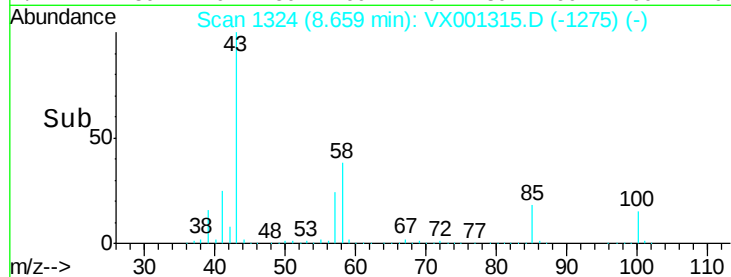
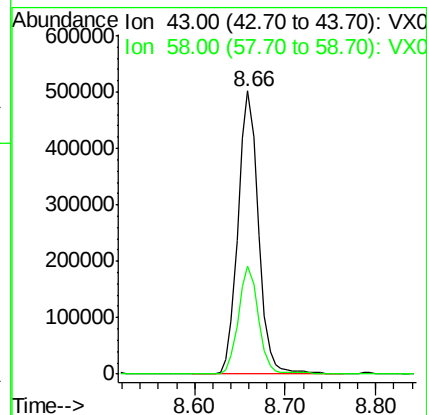
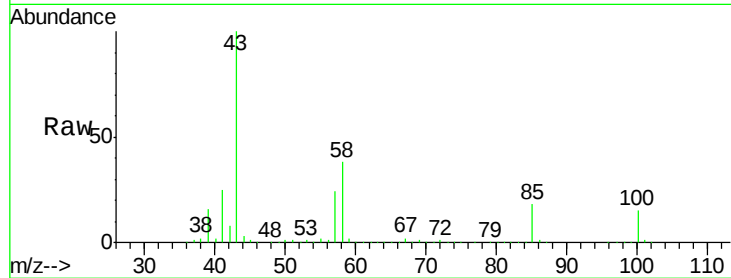
58 37.2 29.0 43.6

Manual Integrations

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#52

Toluene

Concen: 52.41 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001315.D

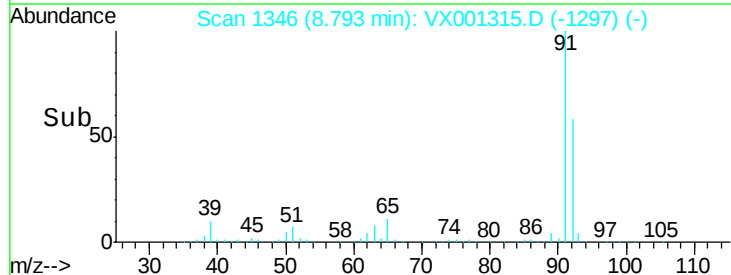
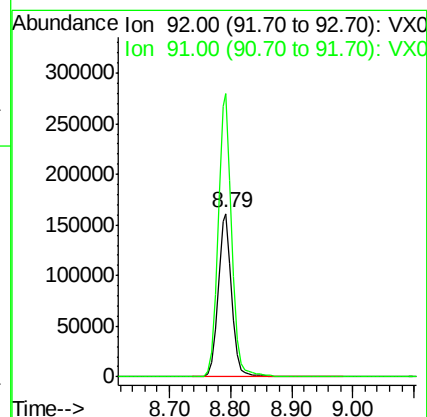
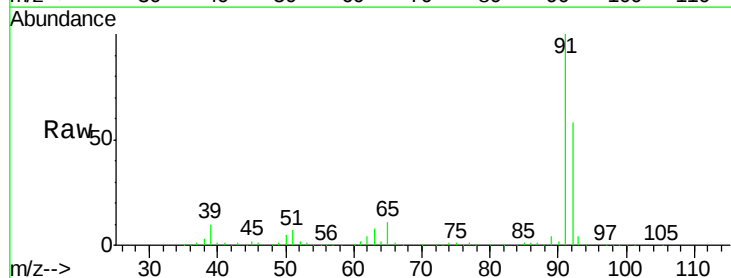
Acq: 02 May 2018 13:21

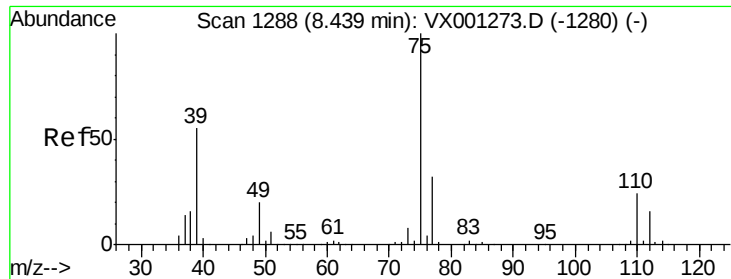
Tgt Ion: 92 Resp: 255292

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6





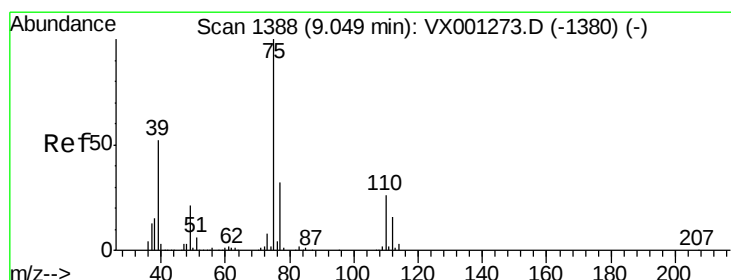
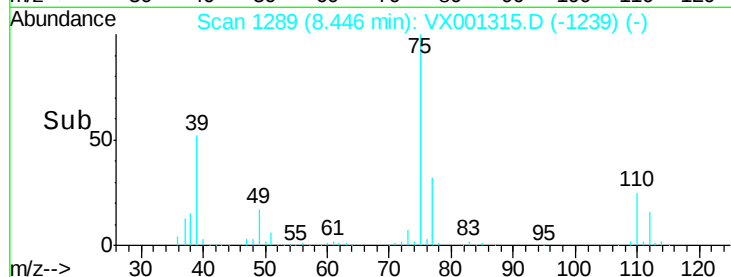
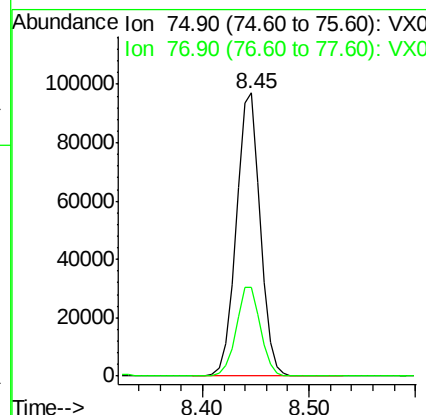
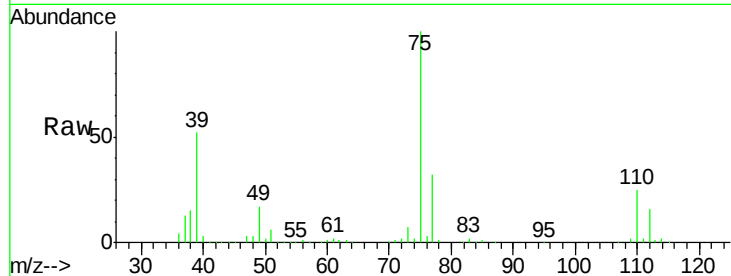
#53
t-1,3-Dichloropropene
Concen: 53.48 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 152539
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

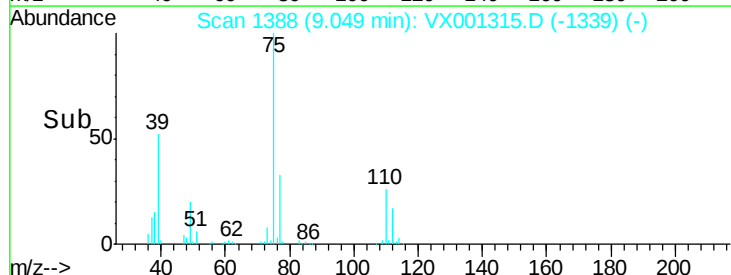
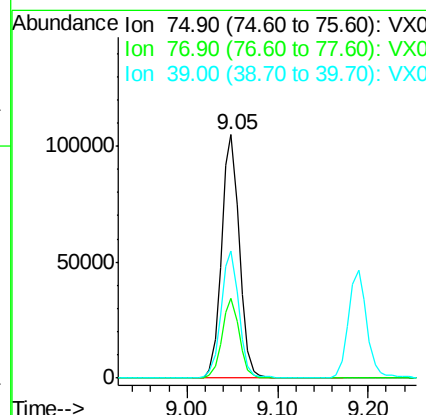
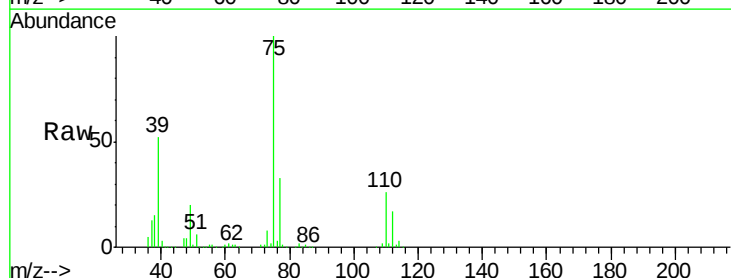
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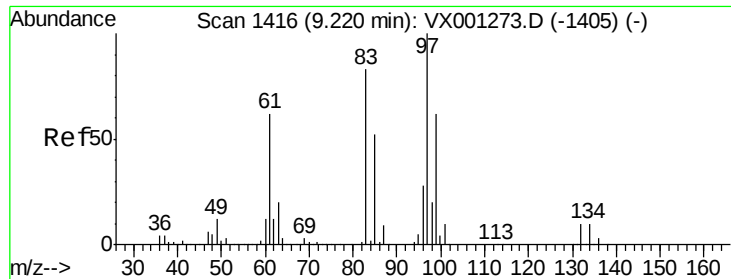
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#54
cis-1,3-Dichloropropene
Concen: 54.83 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 75 Resp: 143892
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
39 51.9 41.9 62.9





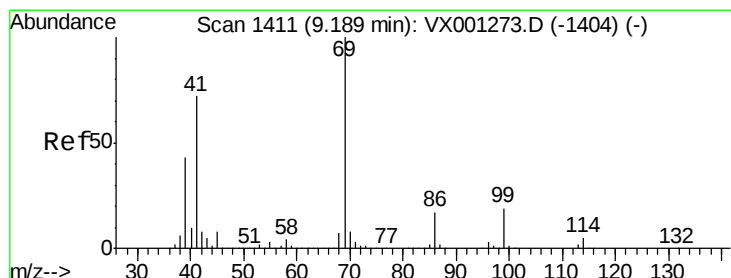
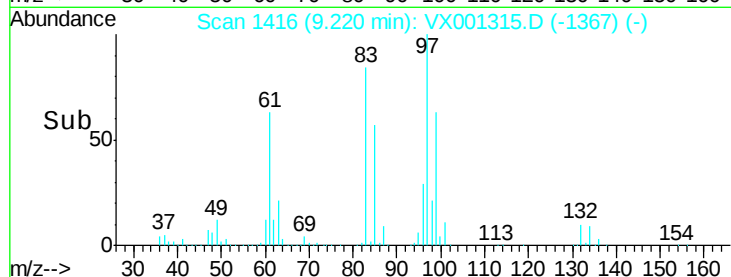
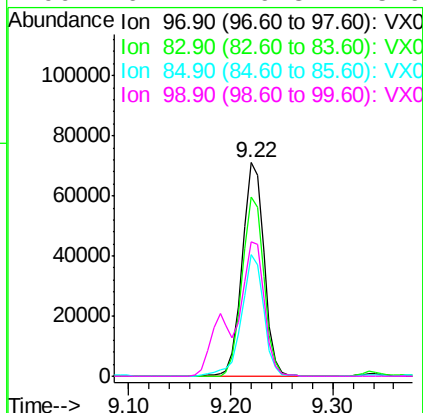
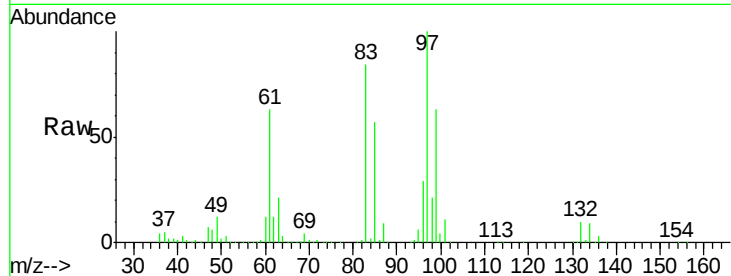
#55
 1,1,2-Trichloroethane
 Concen: 53.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105112		
83	83.8	66.4	99.6		
85	56.8	41.6	62.4		
99	62.7	49.3	73.9		

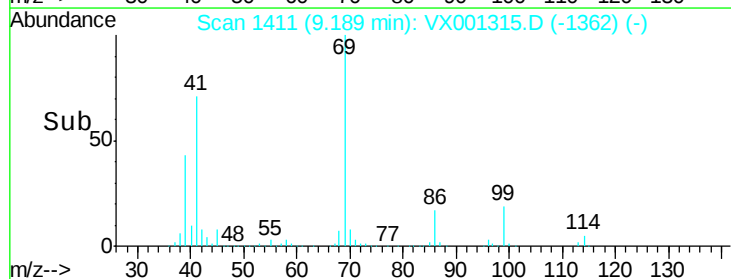
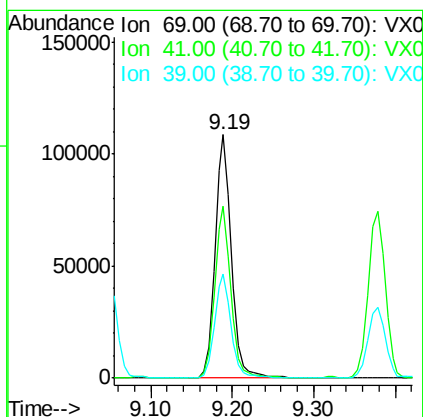
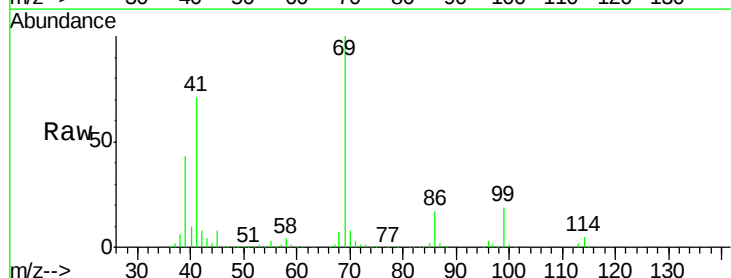
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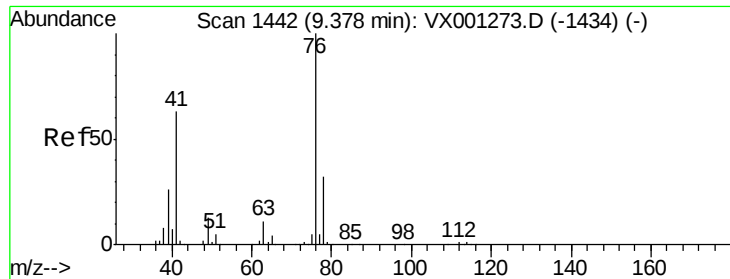
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#56
 Ethyl methacrylate
 Concen: 56.50 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		154033		
41	69.8	57.2	85.8		
39	42.9	34.3	51.5		





#57

1,3-Dichloropropane

Concen: 52.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 167730

Ion Ratio Lower Upper

76 100

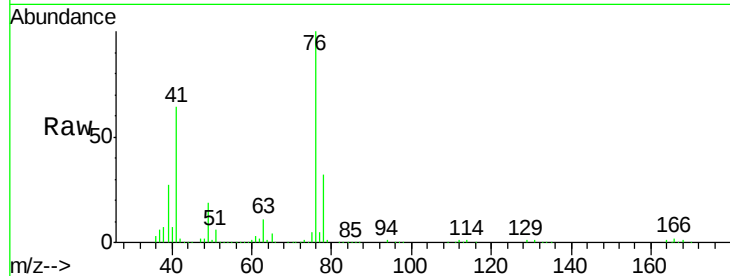
78 33.0 25.6 38.4

Manual Integrations

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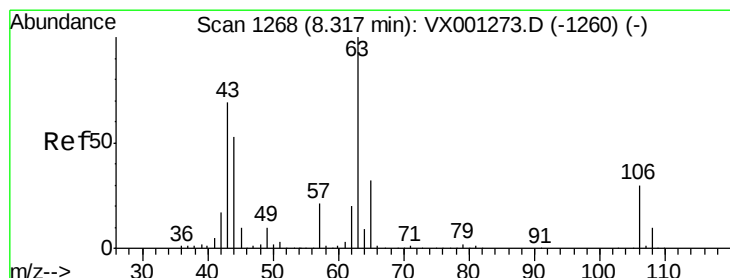
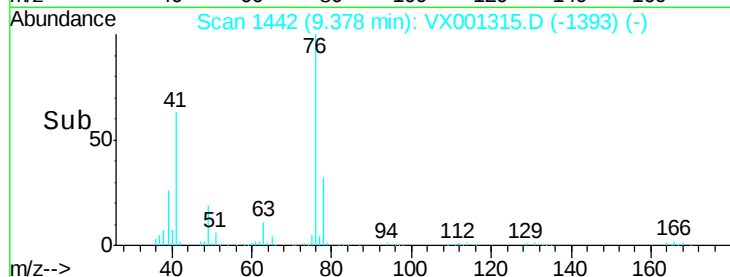
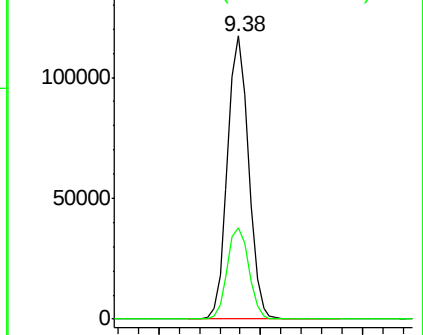
MMDadoda

5/3/2018 12:21:18 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 293.21 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001315.D

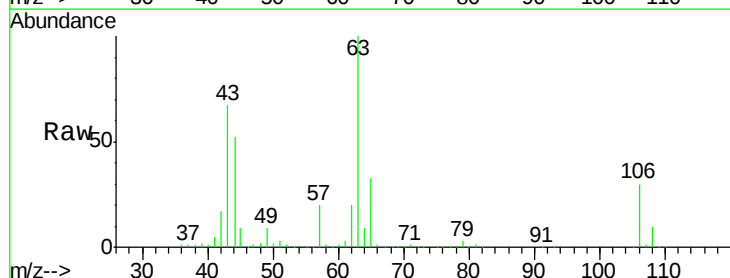
Acq: 02 May 2018 13:21

Tgt Ion: 63 Resp: 385685

Ion Ratio Lower Upper

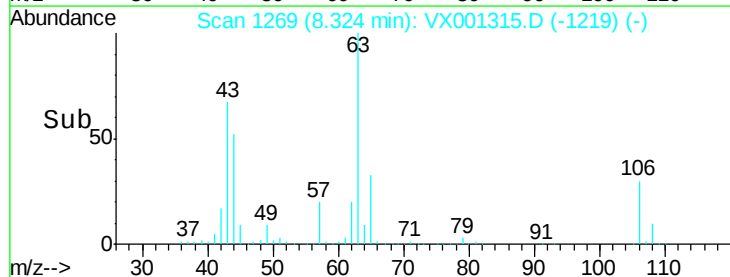
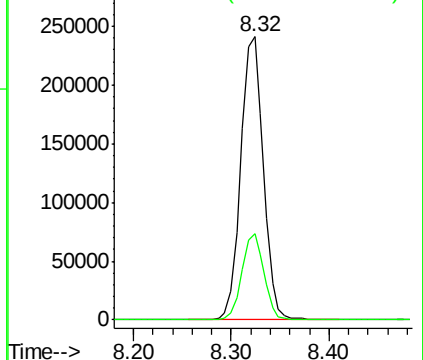
63 100

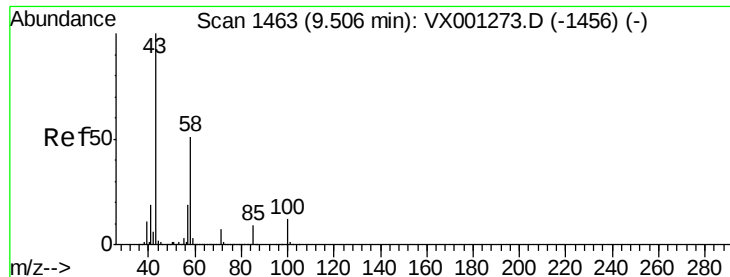
106 29.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





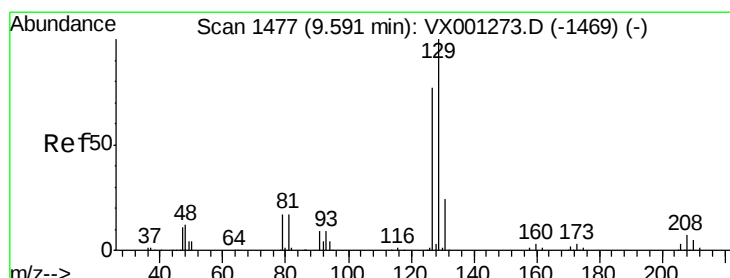
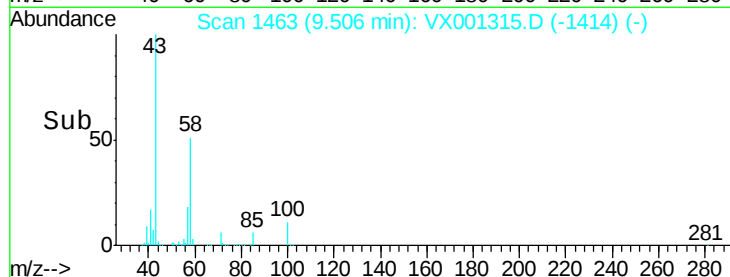
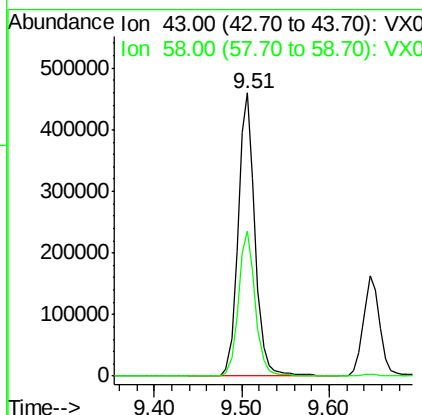
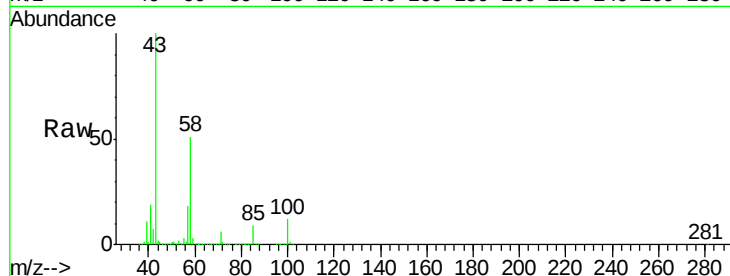
#59
2-Hexanone
Concen: 290.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 620236
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0

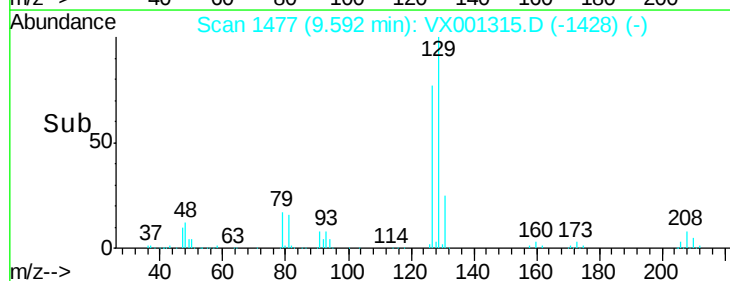
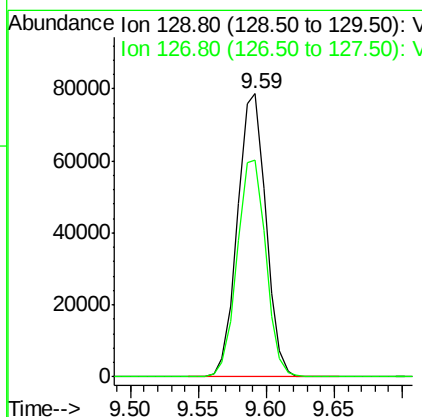
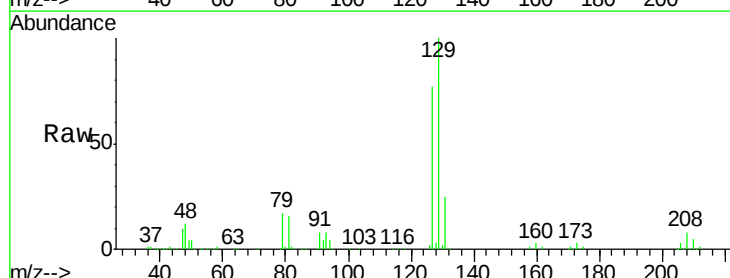
Manual Integrations
APPROVED

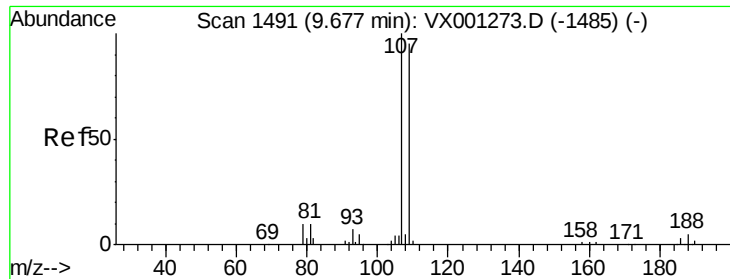
MMDadoda
5/3/2018 12:21:18 PM



#60
Dibromochloromethane
Concen: 55.94 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 129 Resp: 114814
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 54.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 112918

Ion Ratio Lower Upper

107 100

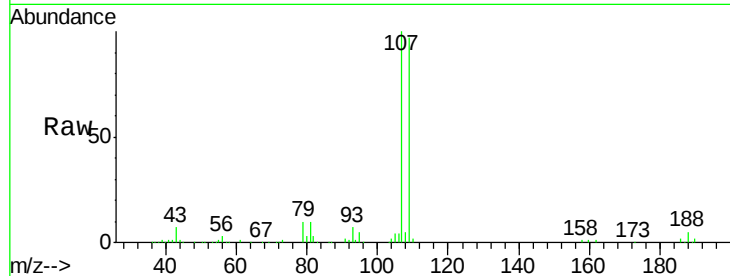
109 95.2 75.4 113.2

Manual Integrations

APPROVED

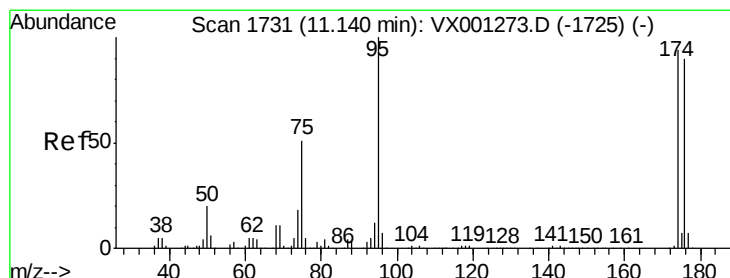
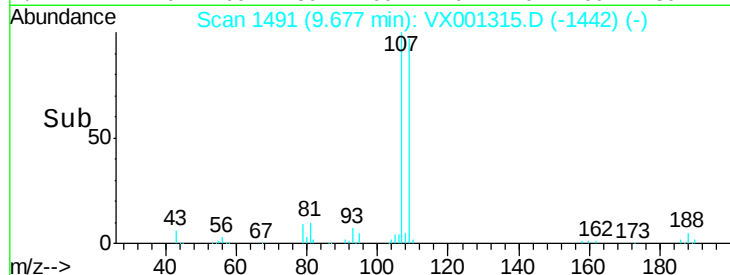
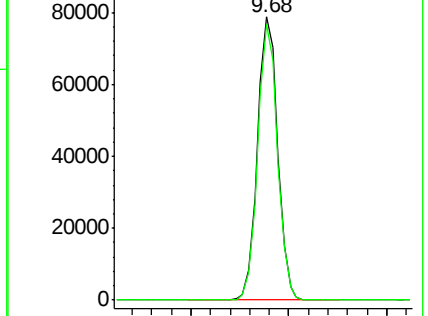
MMDadoda

5/3/2018 12:21:18 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

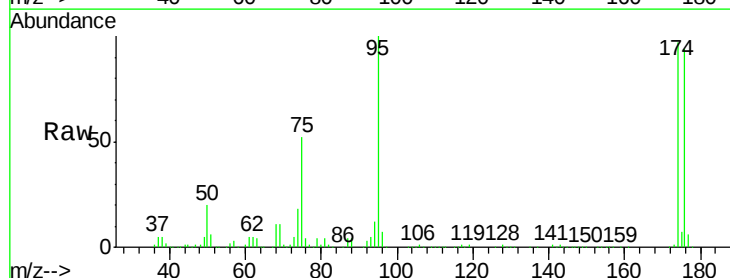
Tgt Ion: 95 Resp: 143317

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

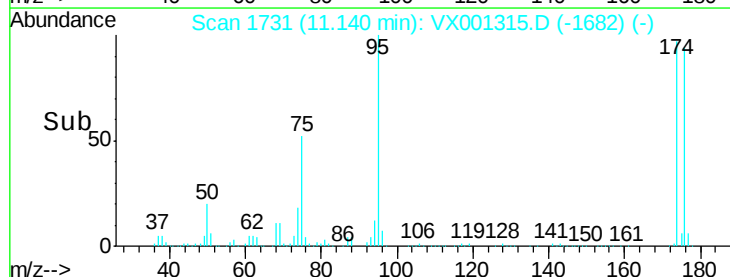
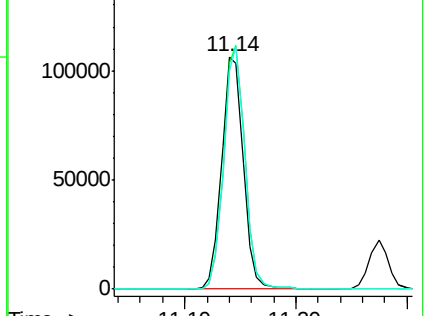
176 100.6 0.0 197.2



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





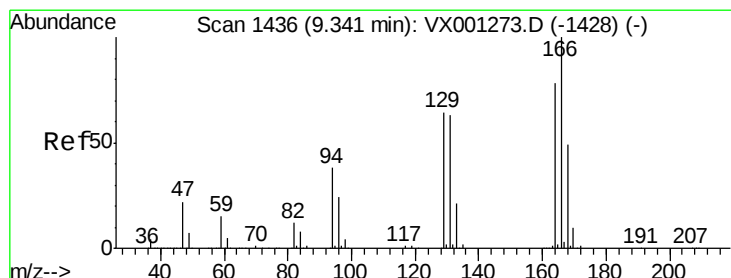
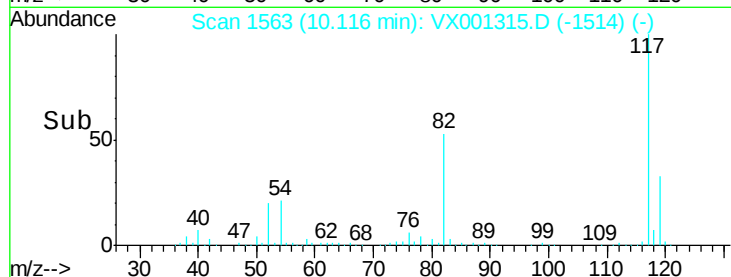
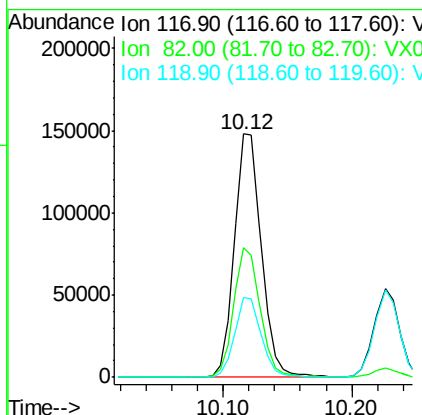
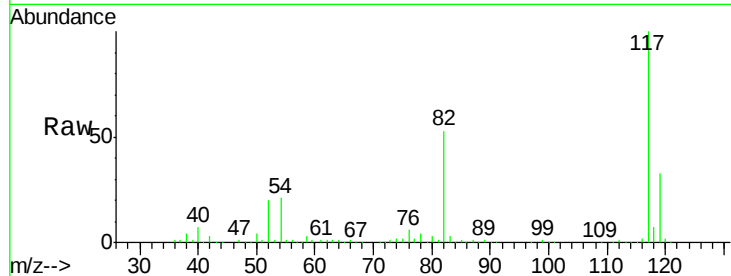
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.4	62.0
119	33.0	25.5	38.3

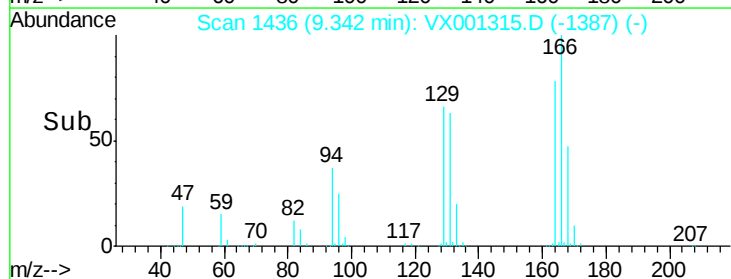
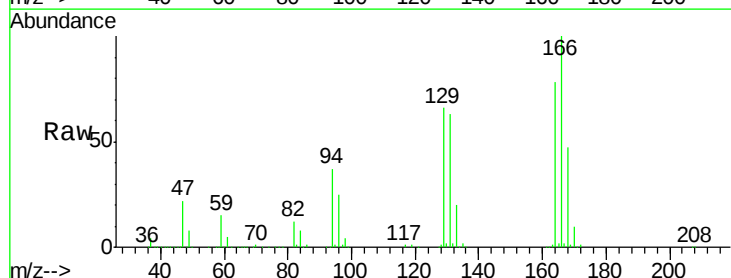
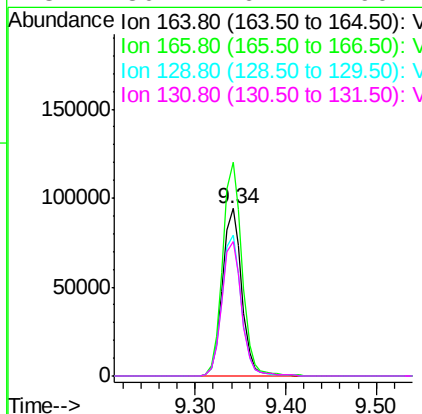
Manual Integrations
APPROVED

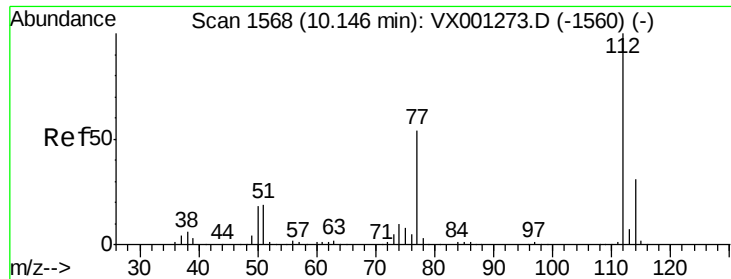
MMDadoda
5/3/2018 12:21:18 PM



#64
Tetrachloroethene
Concen: 54.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.3	153.5
129	84.3	65.1	97.7
131	80.2	64.2	96.4





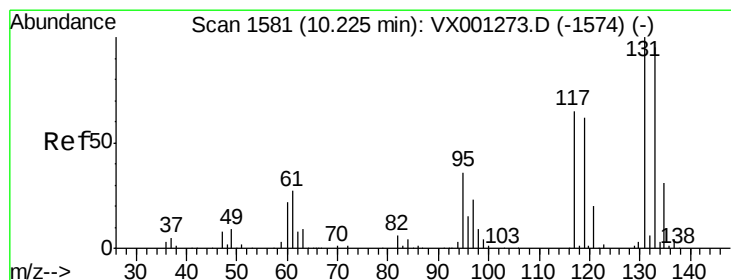
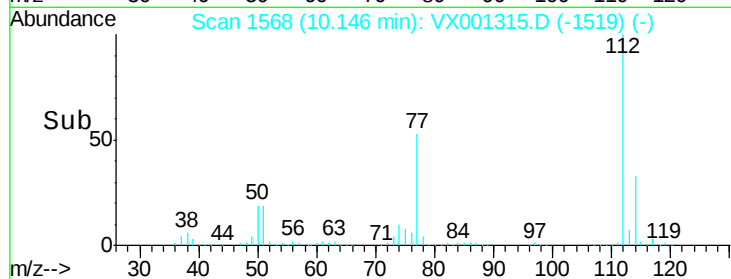
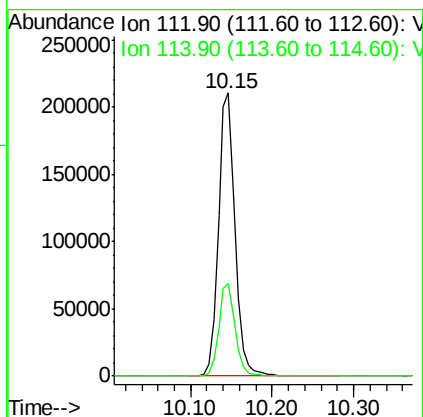
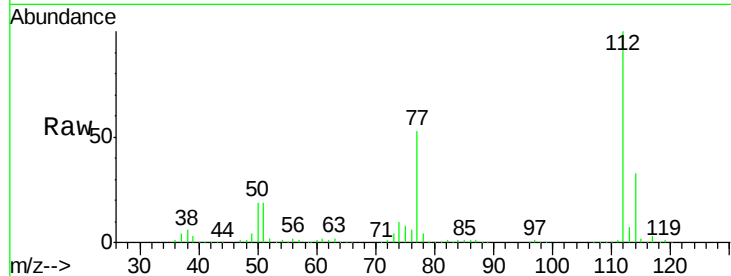
#65
Chlorobenzene
Concen: 50.84 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 300098
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

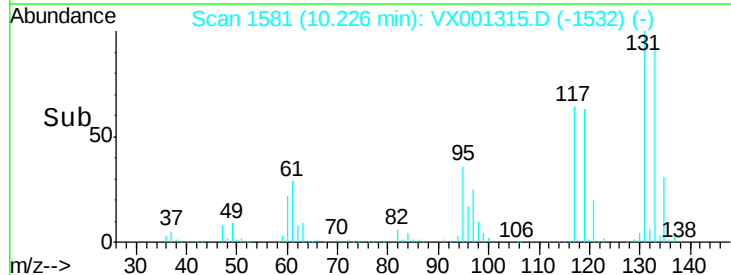
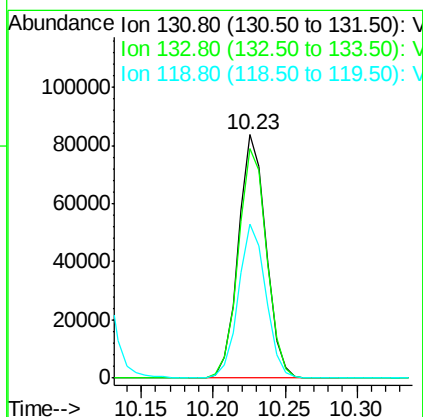
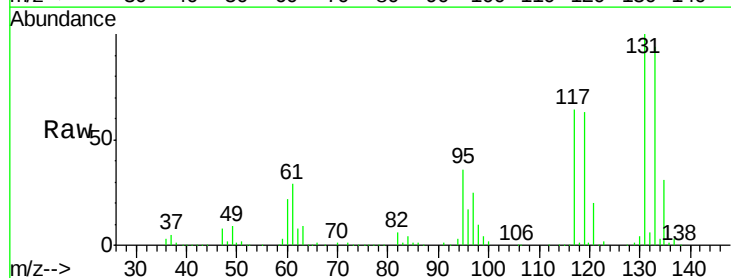
Manual Integrations
APPROVED

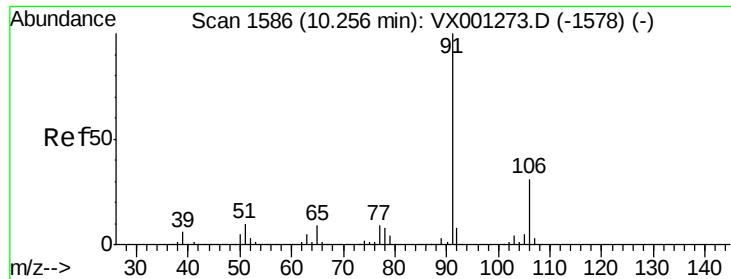
MMDadoda
5/3/2018 12:21:18 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.42 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:131 Resp: 111522
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 63.0 31.2 93.6





#67

Ethyl Benzene

Concen: 51.19 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 497964

Ion Ratio Lower Upper

91 100

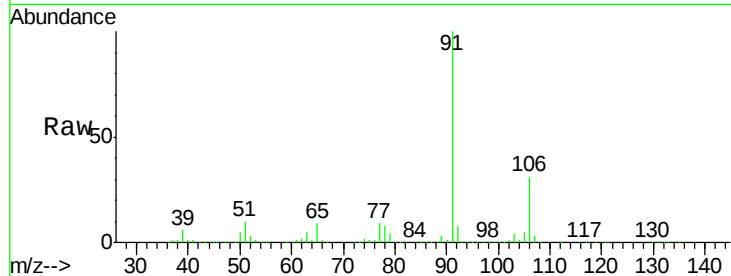
106 31.0 24.9 37.3

Manual Integrations

APPROVED

MMDadoda

5/3/2018 12:21:18 PM



Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX001273.D (-1578) (-)

600000

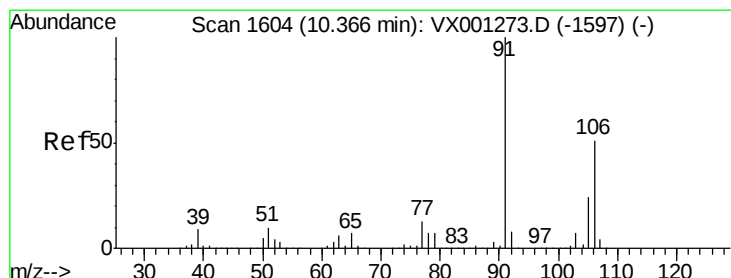
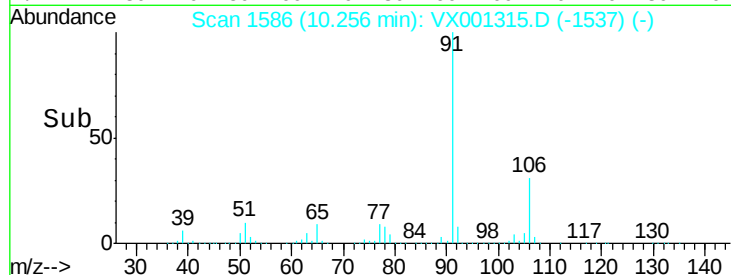
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 103.86 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001315.D

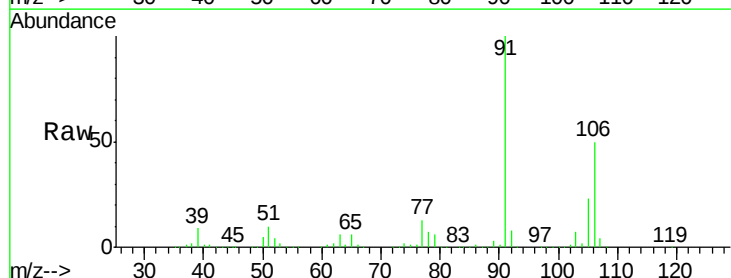
Acq: 02 May 2018 13:21

Tgt Ion: 106 Resp: 397522

Ion Ratio Lower Upper

106 100

91 200.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX001273.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001273.D (-1597) (-)

600000

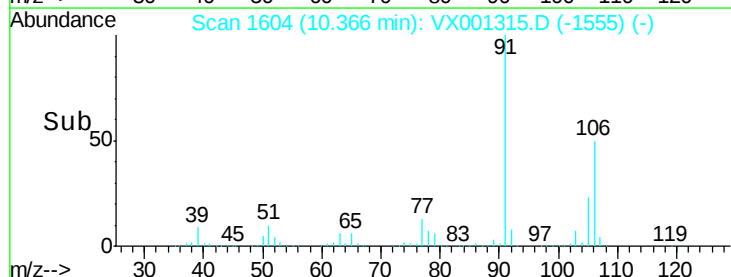
400000

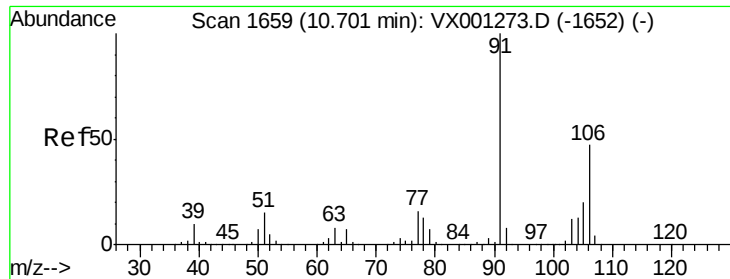
200000

0

10.30 10.40 10.50

Time-->





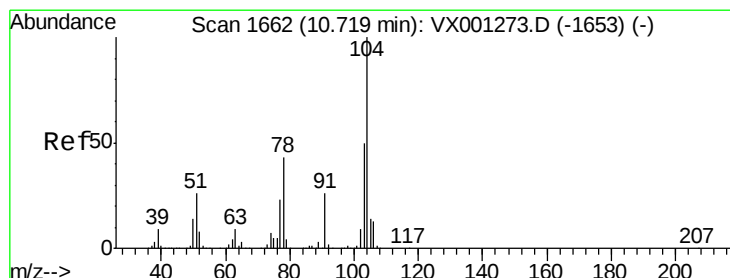
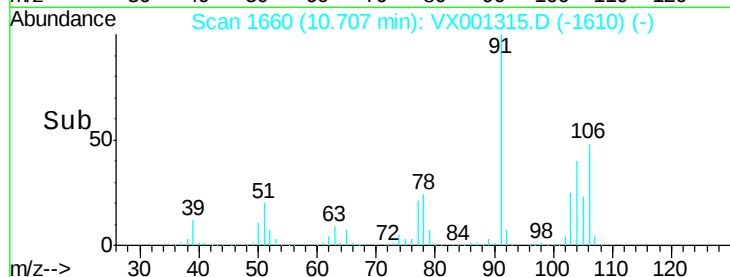
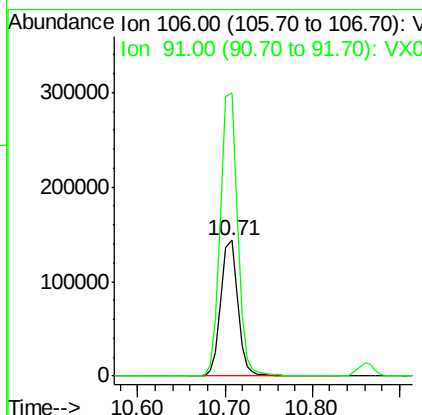
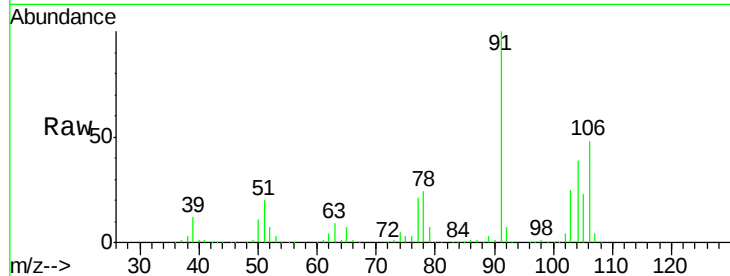
#69
o-Xylene
Concen: 52.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 193560
Ion Ratio Lower Upper
106 100
91 210.8 106.3 319.0

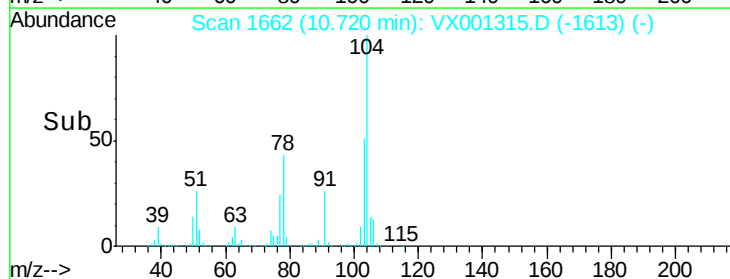
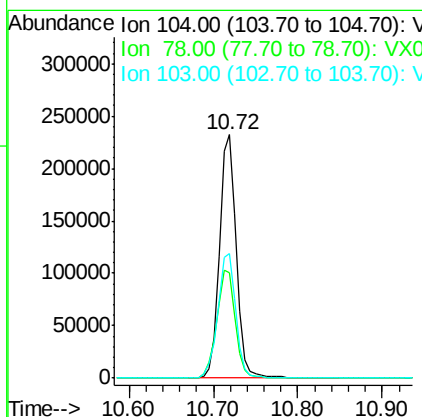
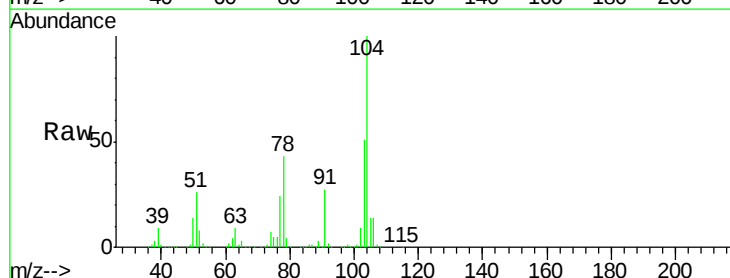
Manual Integrations
APPROVED

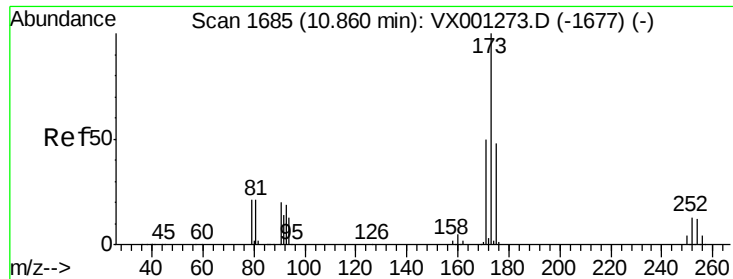
MMDadoda
5/3/2018 12:21:18 PM



#70
Styrene
Concen: 52.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:104 Resp: 320744
Ion Ratio Lower Upper
104 100
78 49.3 40.1 60.1
103 55.5 44.5 66.7





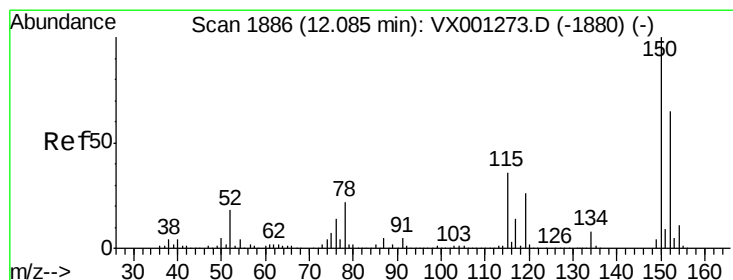
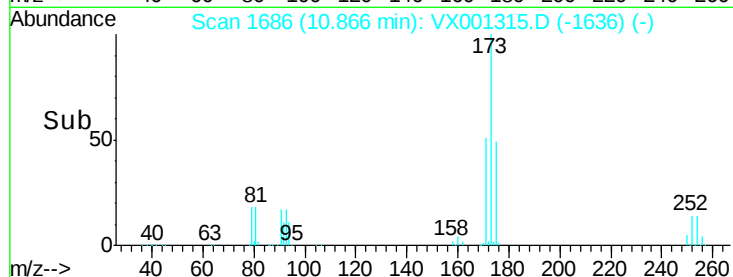
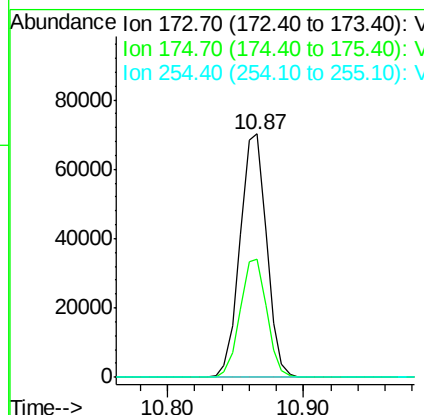
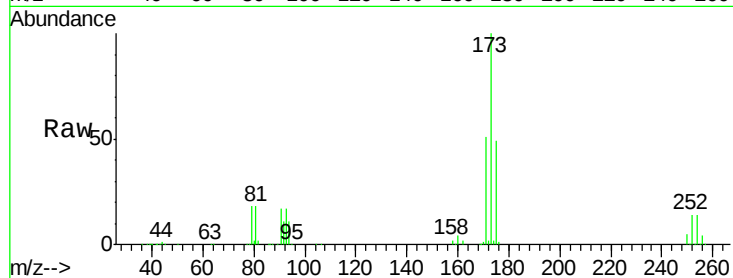
#71
Bromoform
Concen: 48.50 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 95744
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.3 0.2 0.2#

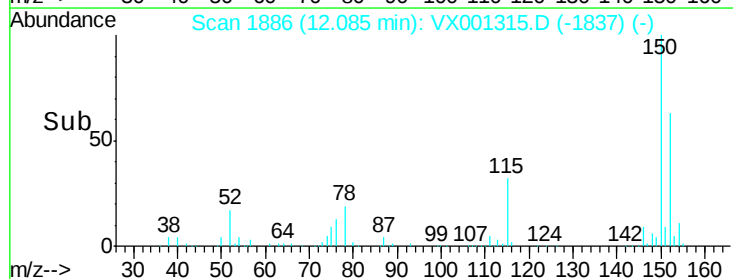
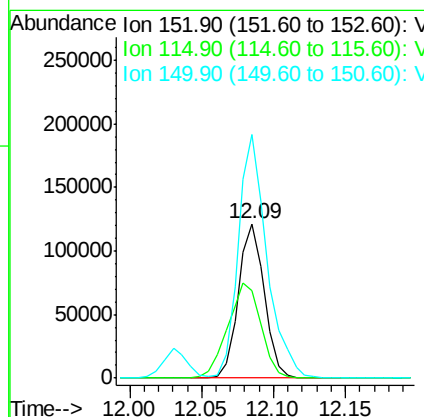
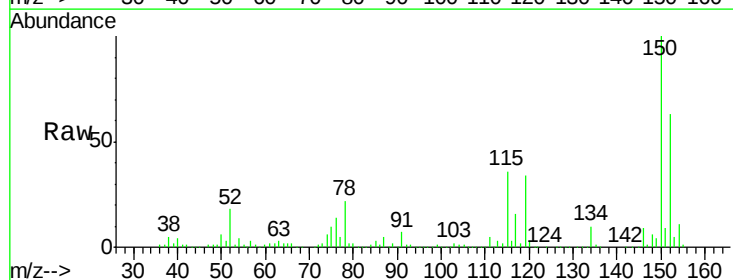
Manual Integrations
APPROVED

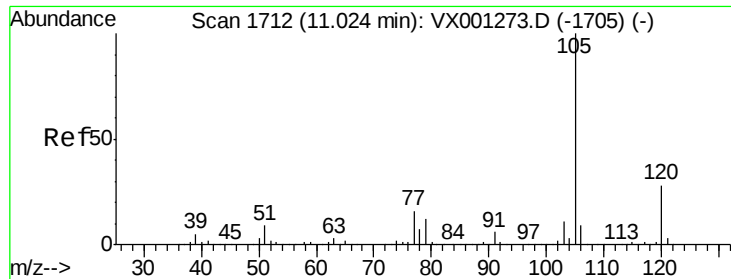
MMDadoda
5/3/2018 12:21:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:152 Resp: 151876
Ion Ratio Lower Upper
152 100
115 78.8 38.6 115.7
150 174.5 0.0 349.2





#73

Isopropylbenzene

Concen: 51.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 521899

Ion Ratio Lower Upper

105 100

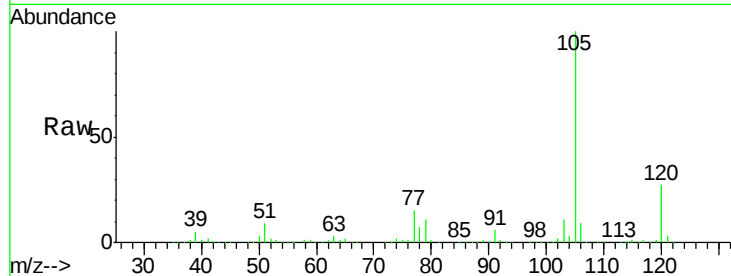
120 27.4 13.7 41.1

Manual Integrations

APPROVED

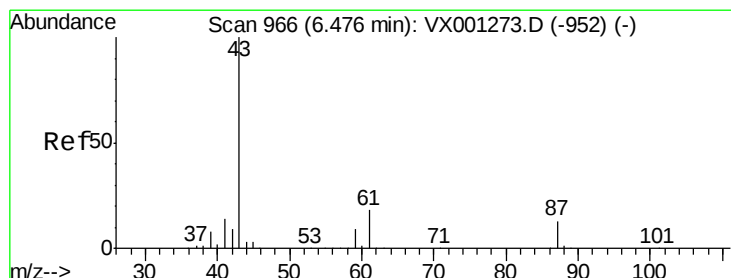
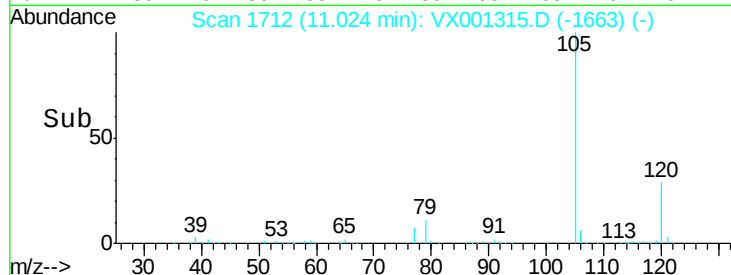
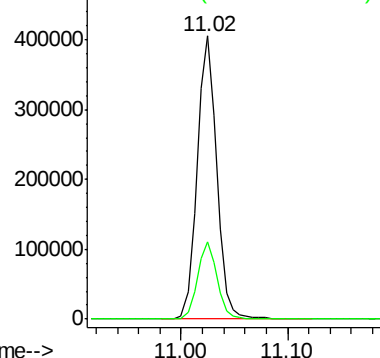
MMDadoda

5/3/2018 12:21:18 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.90 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion: 43 Resp: 230580

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

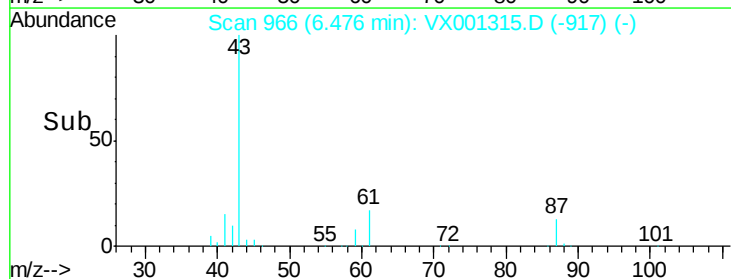
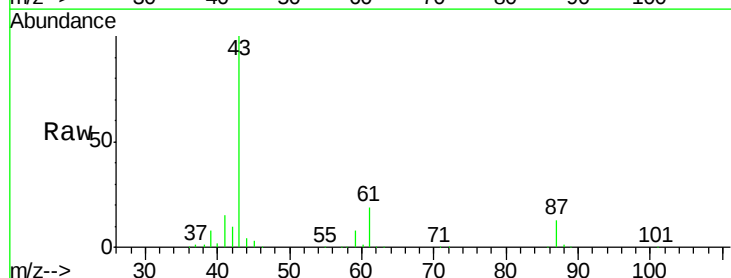
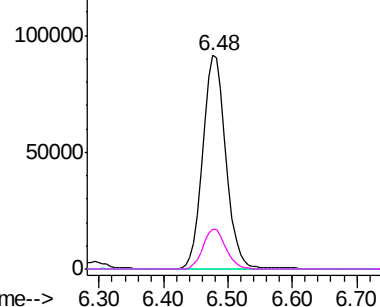
61 18.6 15.0 22.4

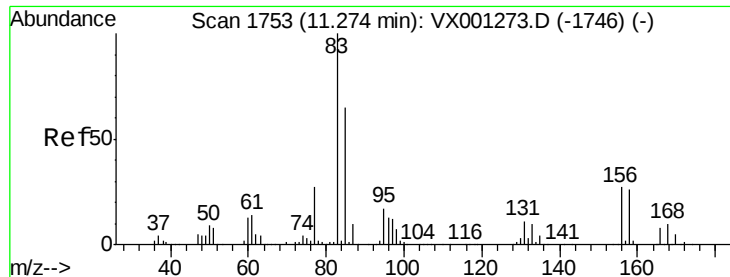
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

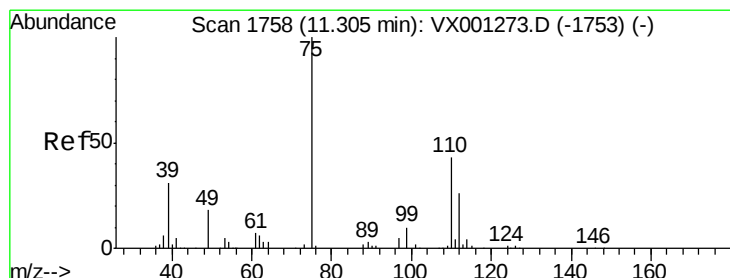
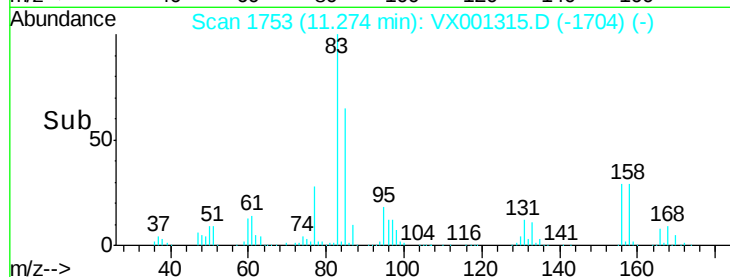
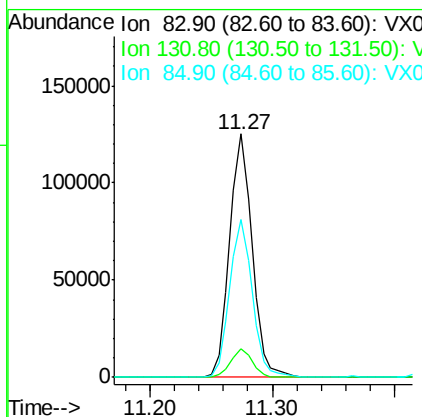
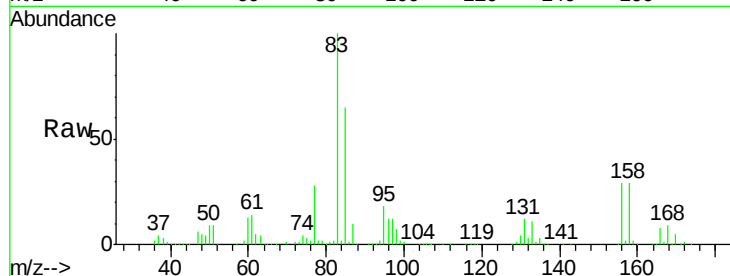
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	159068
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.3
85	65.2	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:18 PM



#76

1,2,3-Trichloropropane

Concen: 54.35 ug/l m

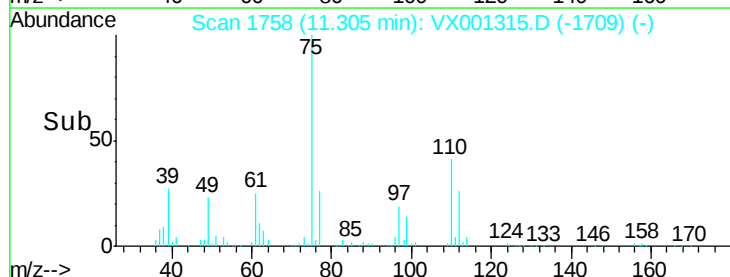
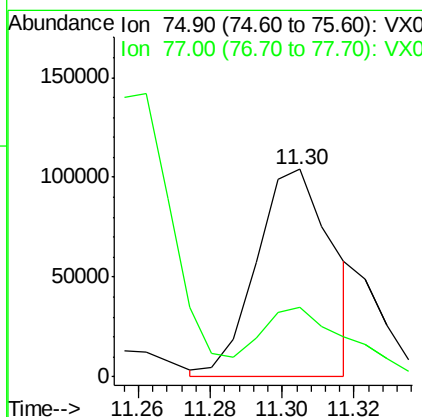
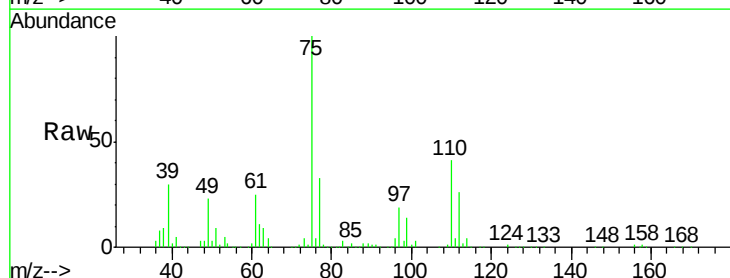
RT: 11.30 min Scan# 1758

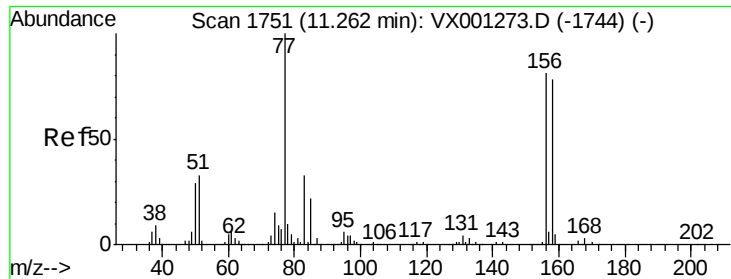
Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	75	Resp:	152648
Ion Ratio	Lower	Upper	
75	100		
77	38.2	18.9	56.5





#77

Bromobenzene

Concen: 51.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

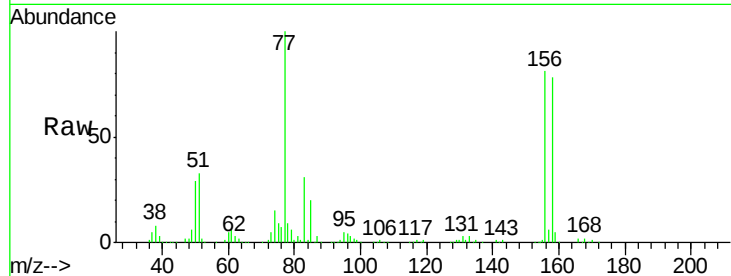
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	151736
Ion Ratio	Lower	Upper	
156	100		
77	130.4	65.3	195.8
158	97.6	48.5	145.5

Manual Integrations
APPROVED

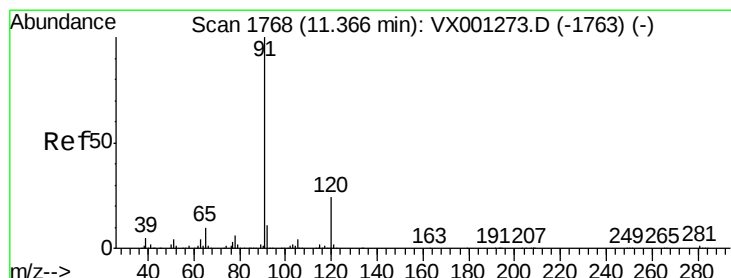
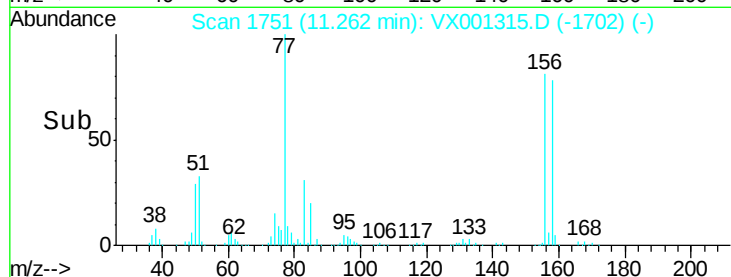
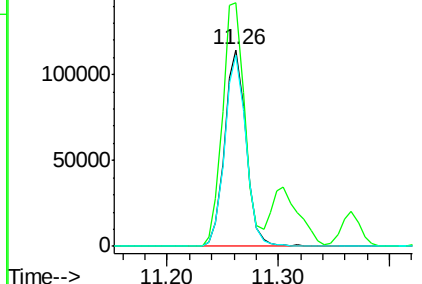
MMDadoda
5/3/2018 12:21:18 PM



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: 51.95 ug/l

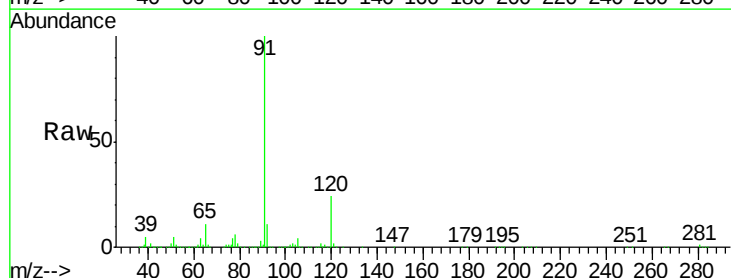
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001315.D

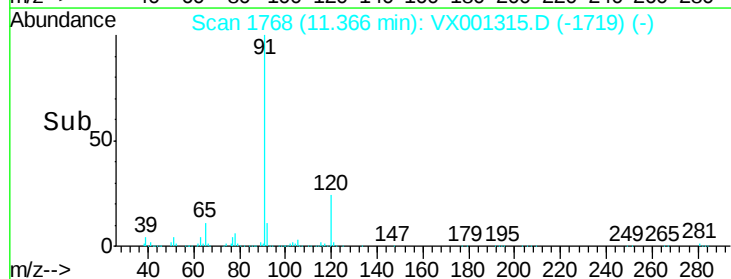
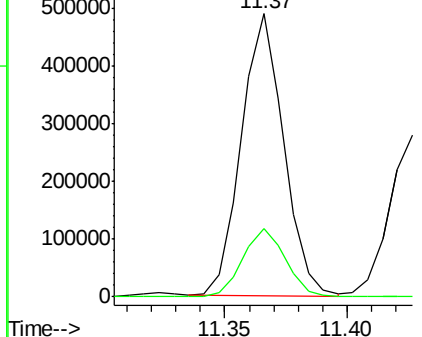
Acq: 02 May 2018 13:21

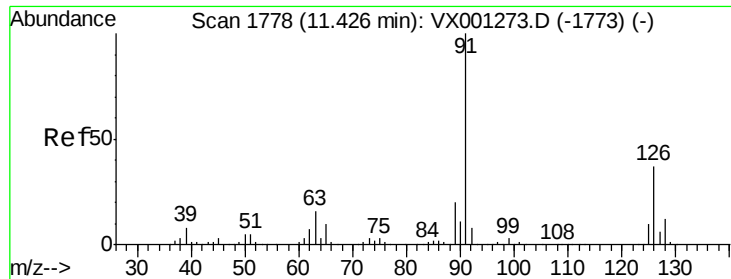
Tgt Ion:	91	Resp:	586634
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.57 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 351334

Ion Ratio Lower Upper

91 100

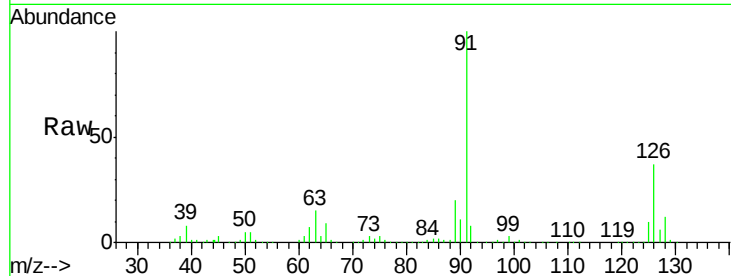
126 37.1 18.4 55.4

Manual Integrations

APPROVED

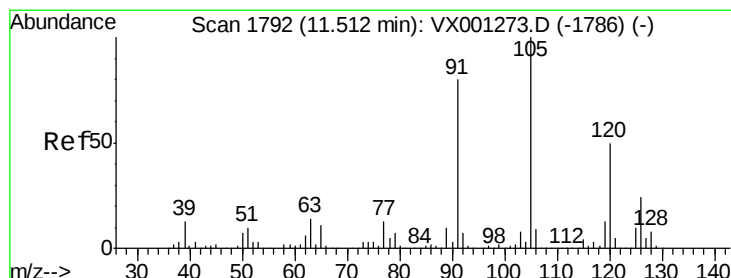
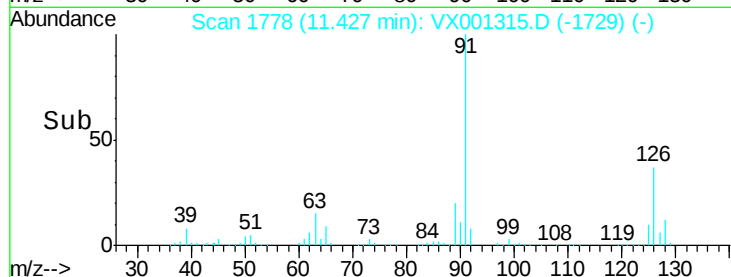
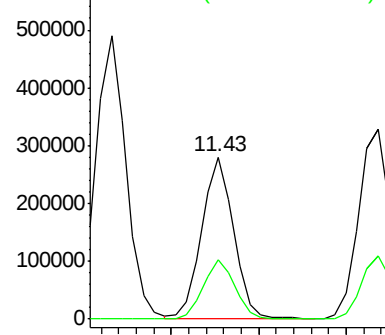
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5/3/2018 12:21:18 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001315.D

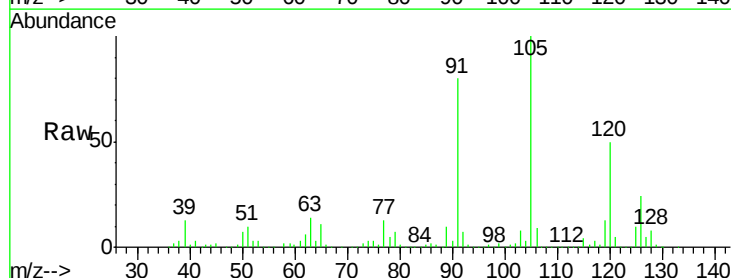
Acq: 02 May 2018 13:21

Tgt Ion: 105 Resp: 450309

Ion Ratio Lower Upper

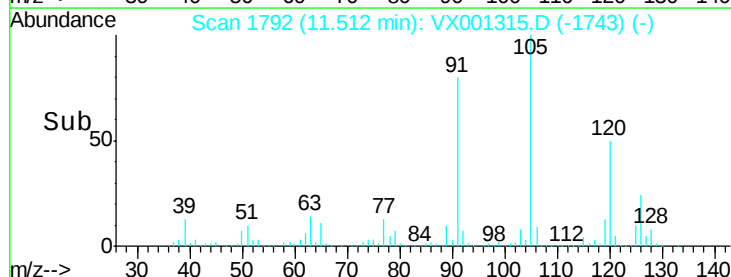
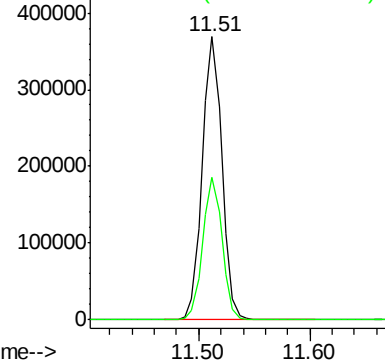
105 100

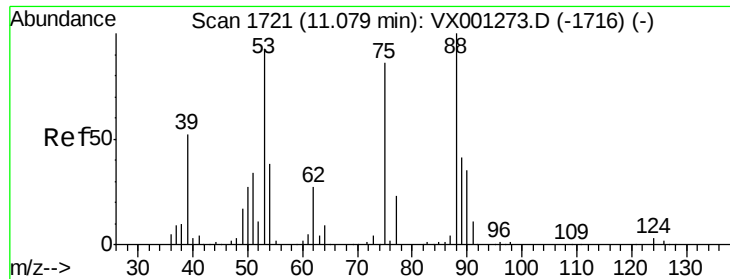
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





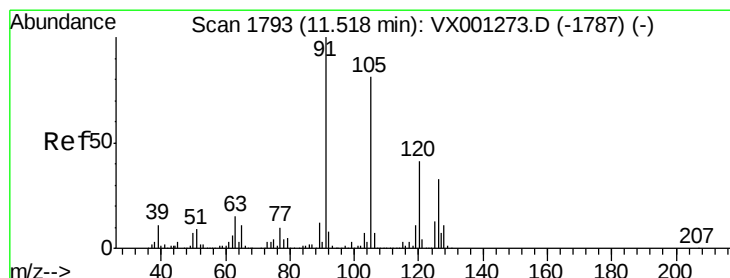
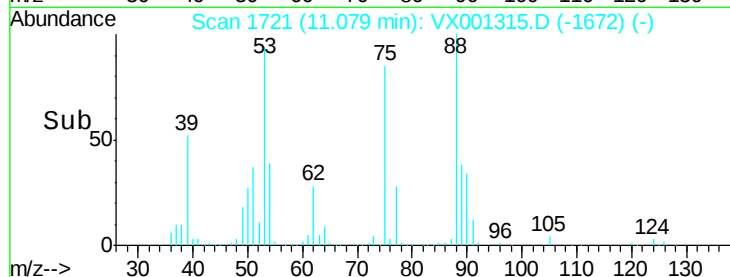
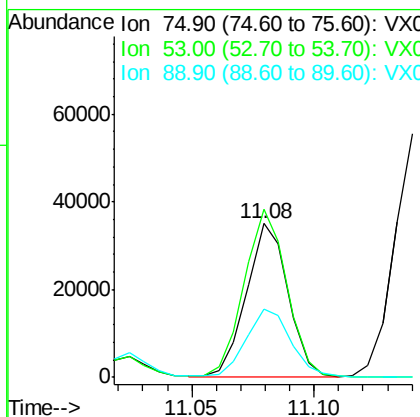
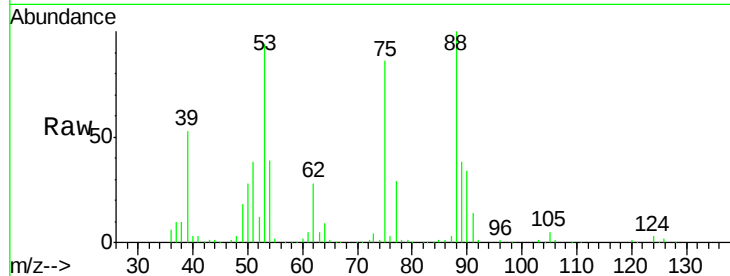
#81
trans-1,4-Dichloro-2-butene
Concen: 48.05 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.4	87.1	130.7
89	48.1	38.9	58.3

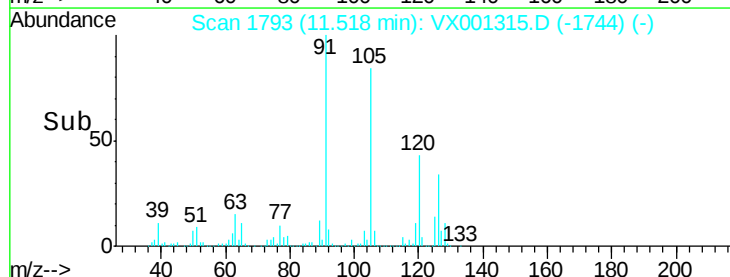
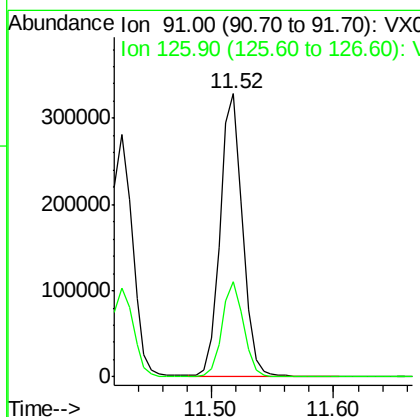
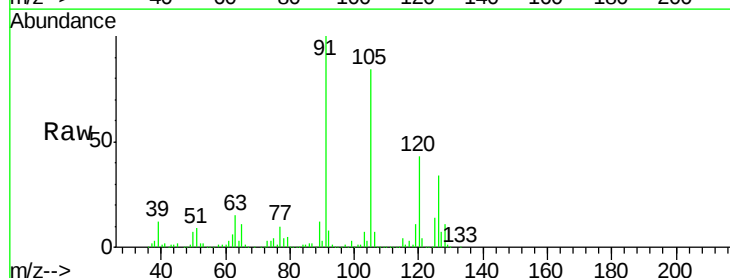
Manual Integrations
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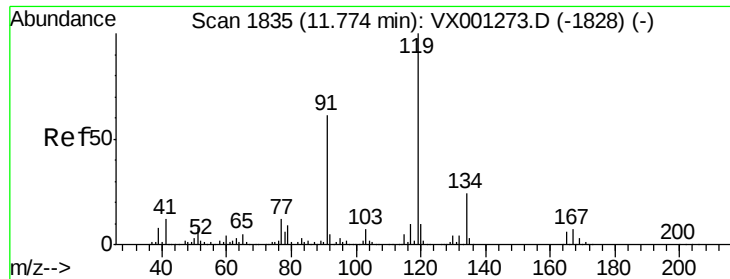
MMDadoda
5/3/2018 12:21:18 PM



#82
4-Chlorotoluene
Concen: 51.09 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.2





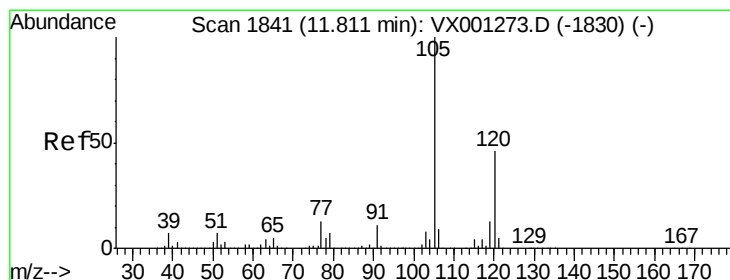
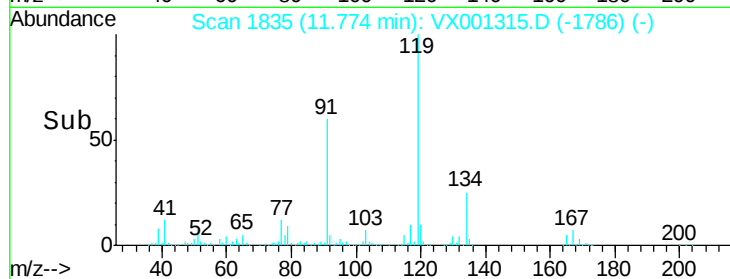
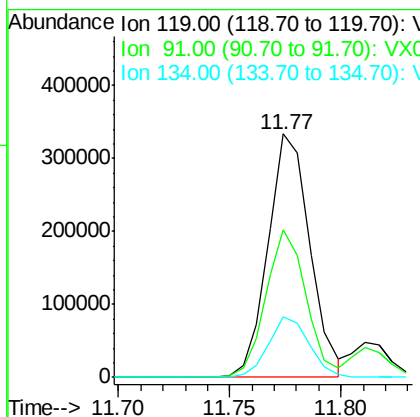
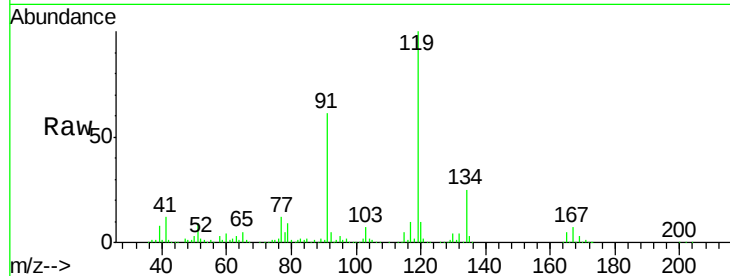
#83
tert-Butylbenzene
Concen: 51.27 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	436257		
91	58.3	28.1	84.3	
134	24.4	11.8	35.3	

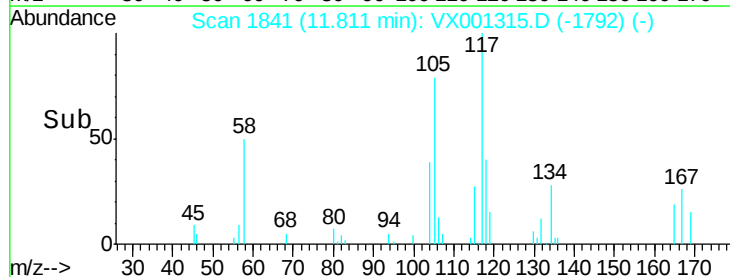
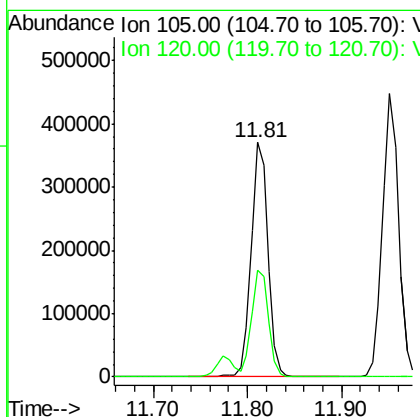
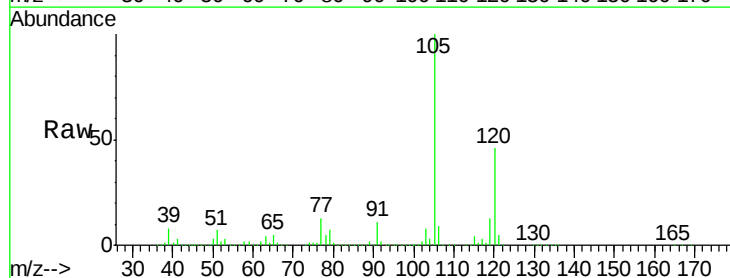
Manual Integrations
APPROVED

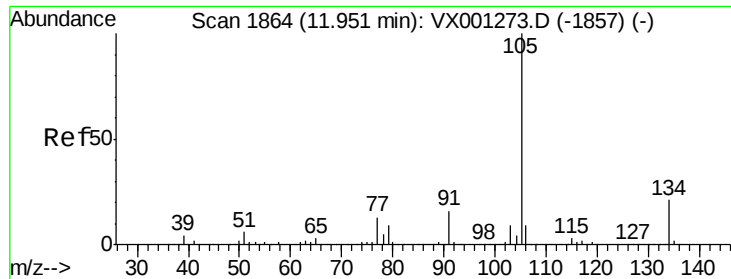
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5/3/2018 12:21:18 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.26 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465664		
120	45.6	22.7	68.1	





#85

sec-Butylbenzene

Concen: 52.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 536312

Ion Ratio Lower Upper

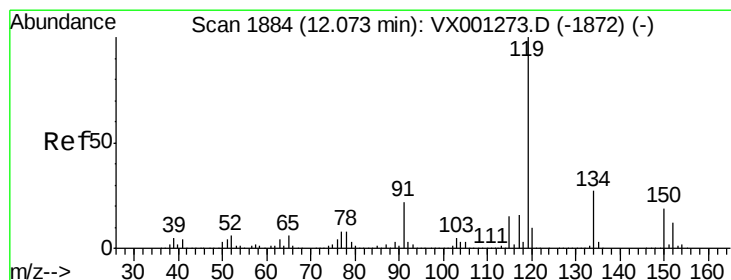
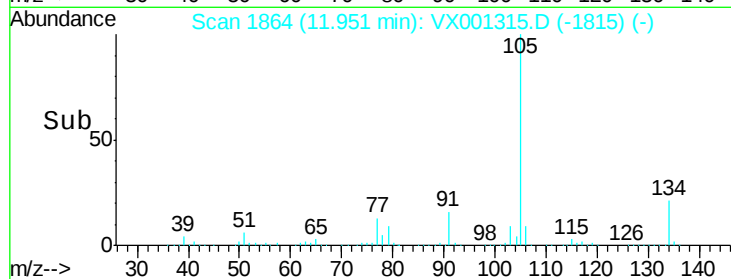
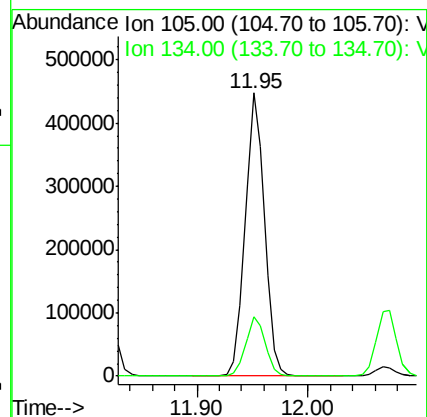
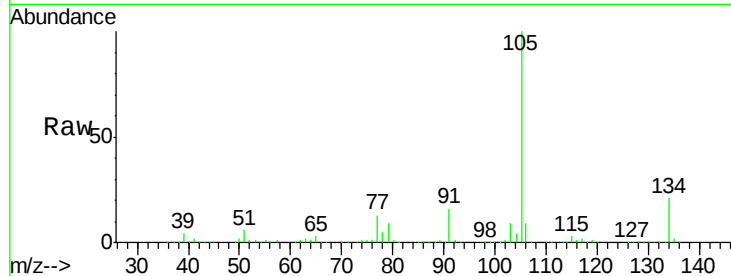
105 100

134 21.2 10.7 31.9

Manual Integrations
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5/3/2018 12:21:18 PM



#86

p-Isopropyltoluene

Concen: 53.11 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

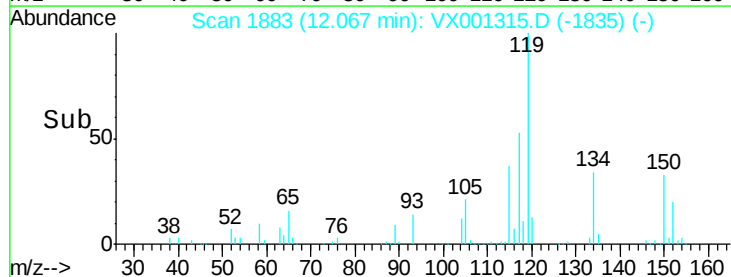
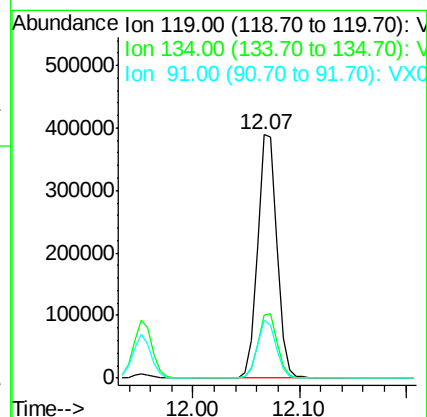
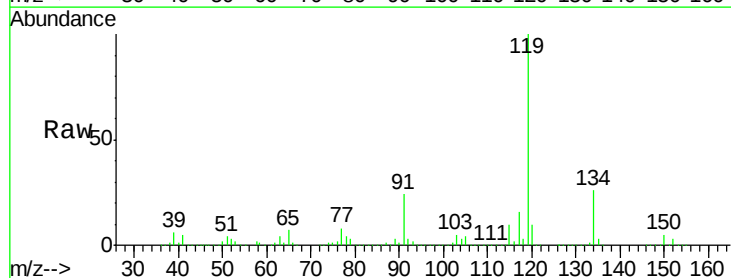
Tgt Ion:119 Resp: 495993

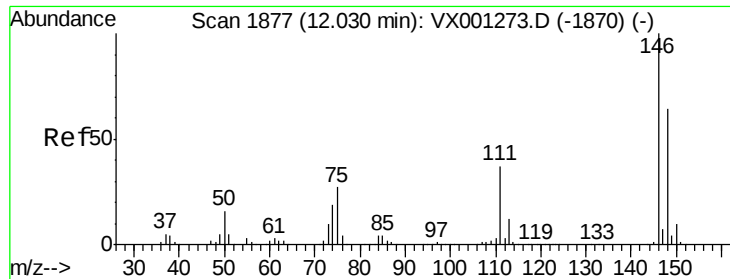
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 49.95 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

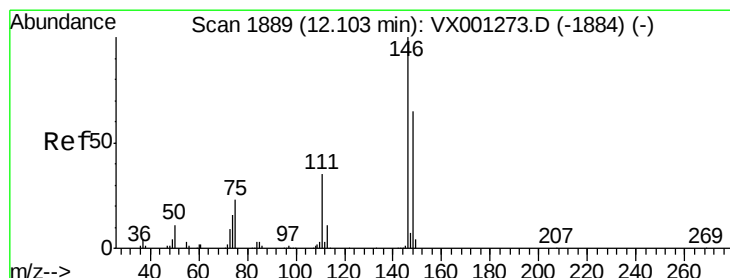
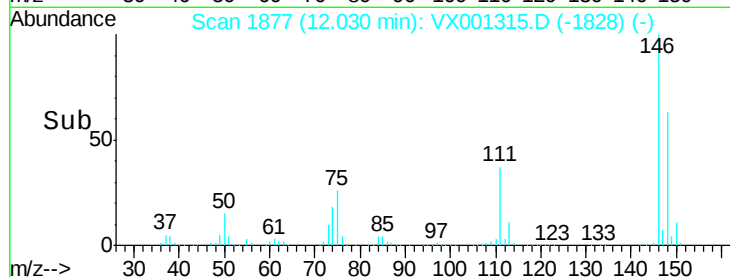
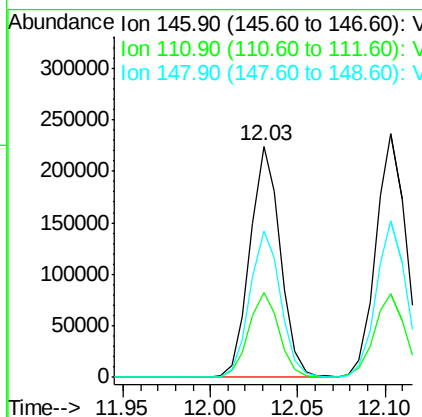
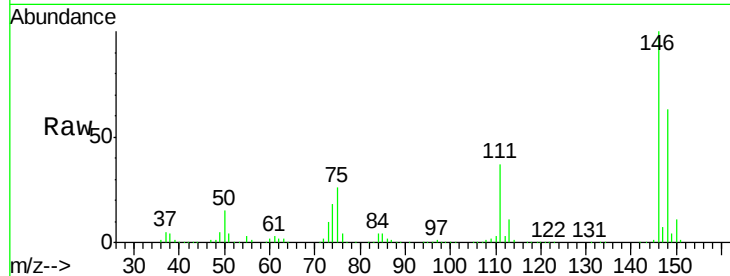
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	273328
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.4	55.2
148	64.2	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.16 ug/l

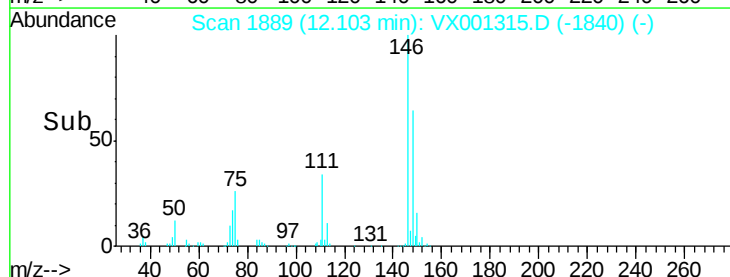
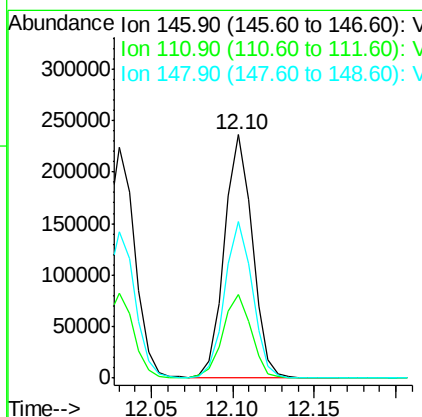
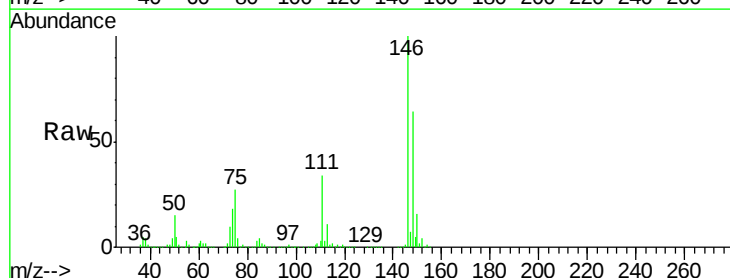
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion:	146	Resp:	282932
Ion Ratio	Lower	Upper	
146	100		
111	35.2	17.9	53.7
148	64.0	32.3	96.8





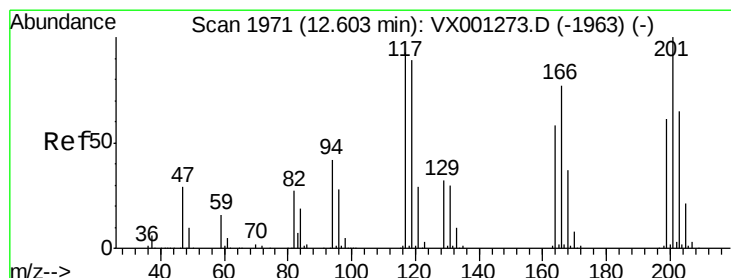
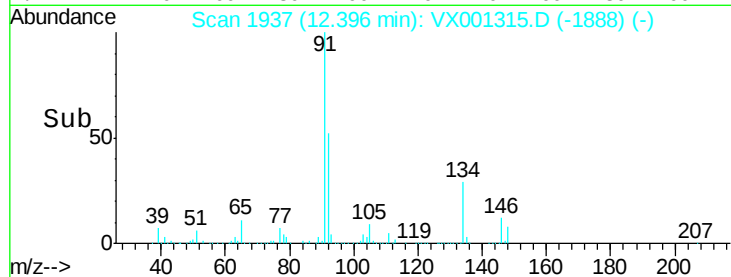
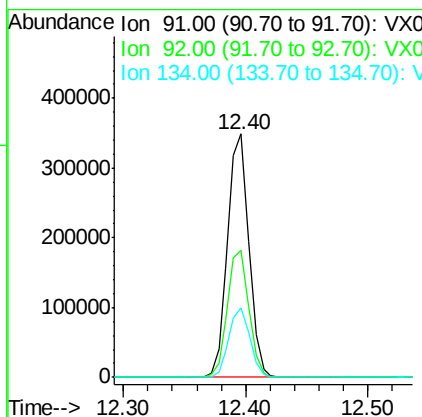
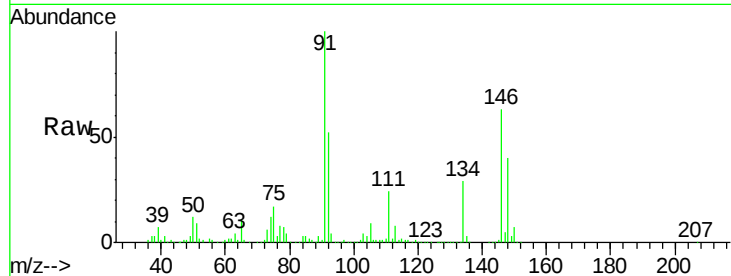
#89
n-Butylbenzene
Concen: 51.29 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.2	78.5	
134	28.2	14.0	42.0	

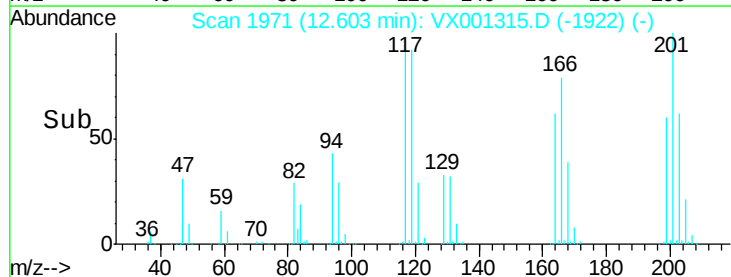
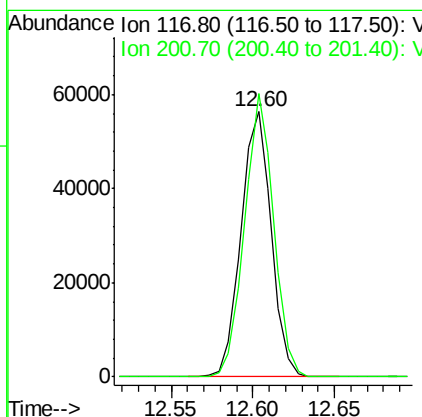
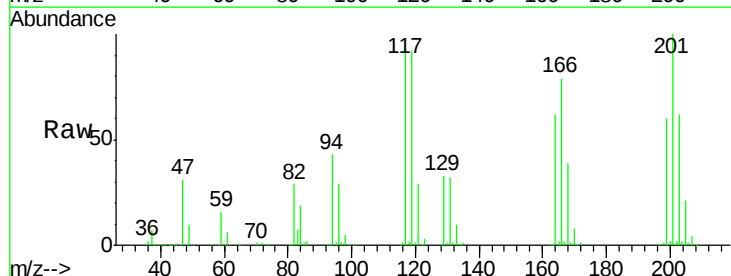
Manual Integrations
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#90
Hexachloroethane
Concen: 53.70 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	102.8	51.6	154.8	





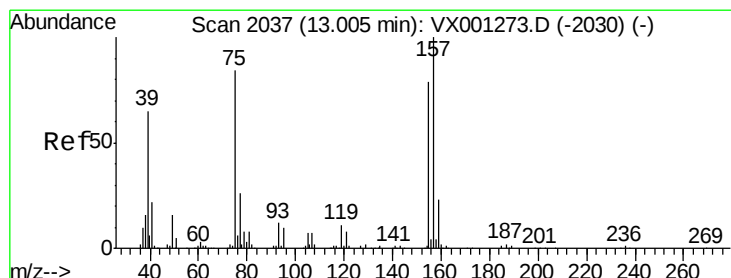
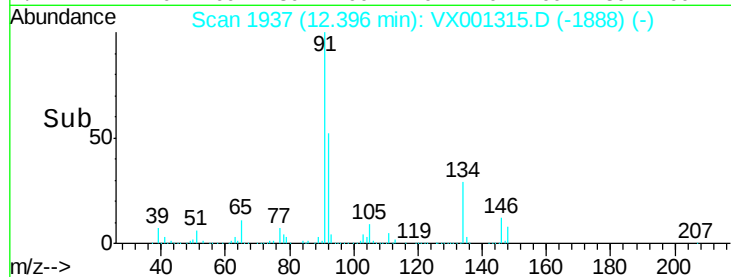
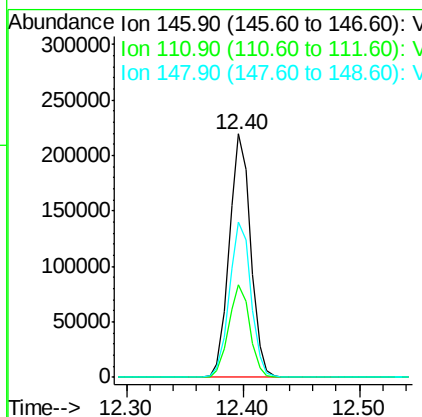
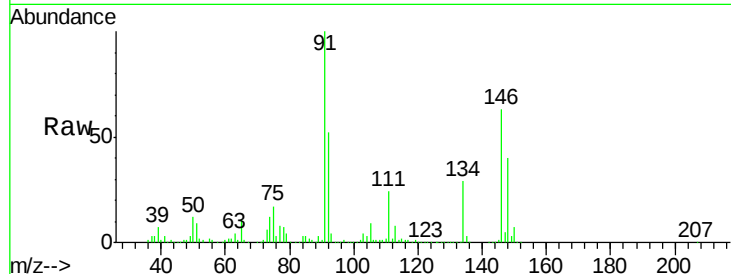
#91
 1,2-Dichlorobenzene
 Concen: 51.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279525		
111	37.7	18.9	56.5	
148	64.4	32.4	97.0	

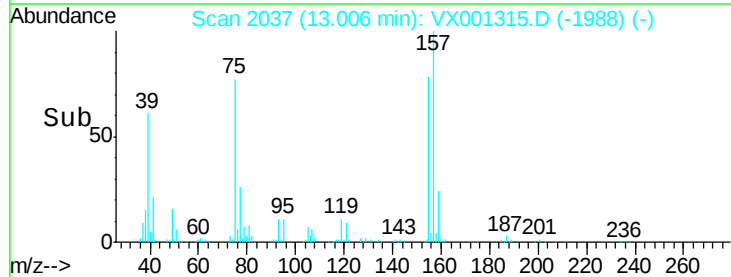
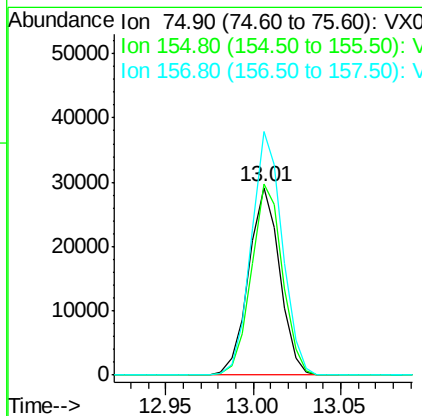
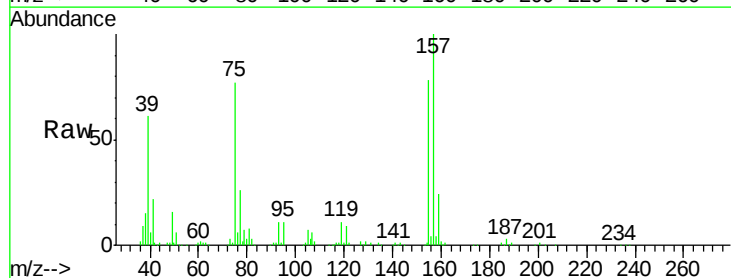
Manual Integrations
 APPROVED

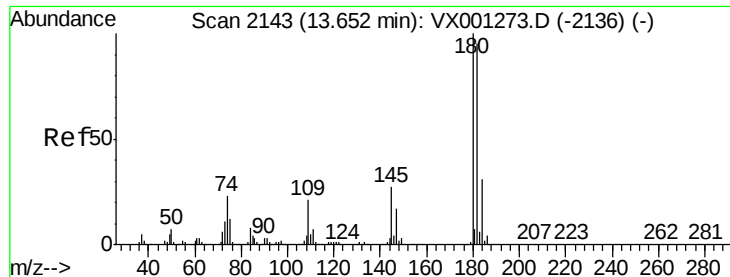
MMDadoda
 5/3/2018 12:21:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.41 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35934		
155	102.1	49.9	149.7	
157	129.8	63.7	191.1	





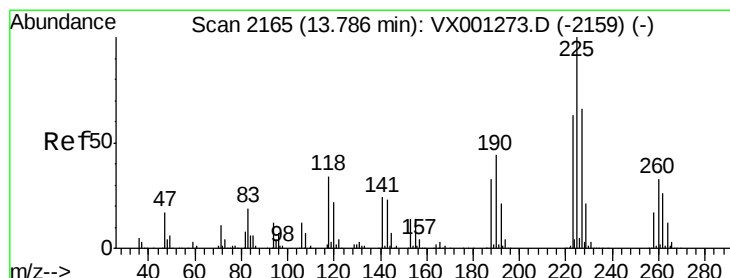
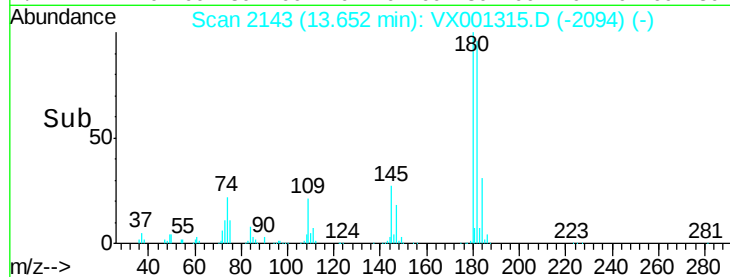
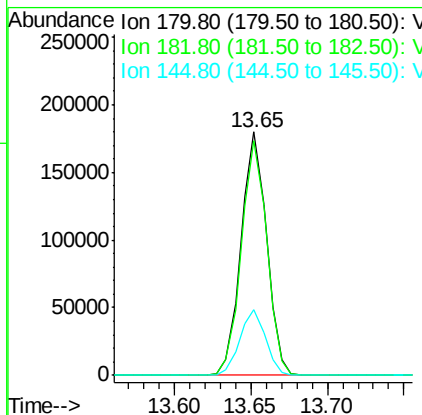
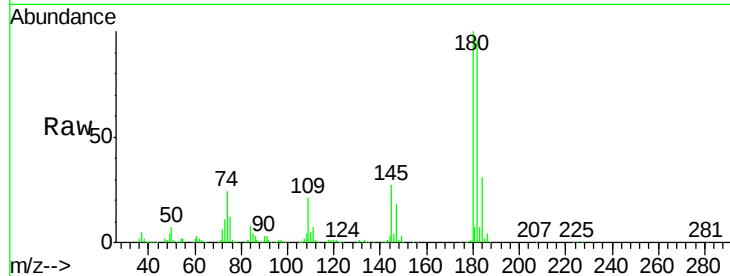
#93
 1,2,4-Trichlorobenzene
 Concen: 47.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	208399
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	141.9
145	27.2	13.5	40.4

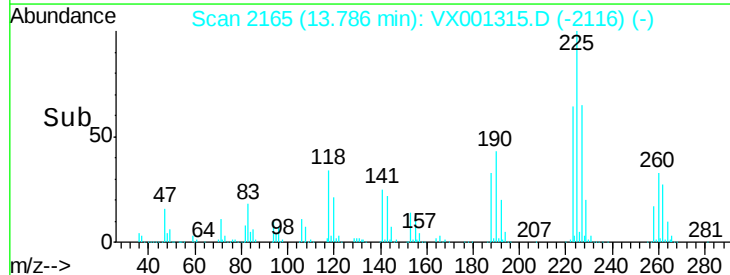
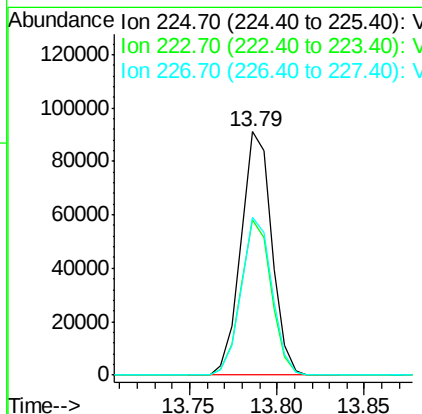
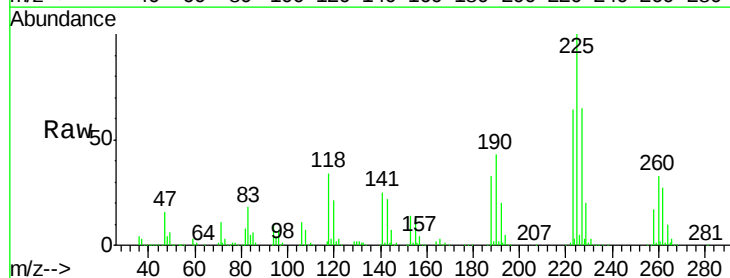
Manual Integrations
 APPROVED

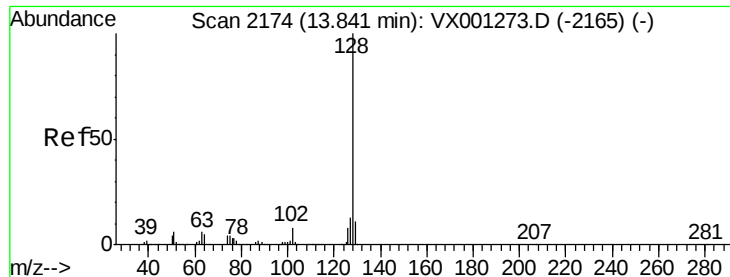
MMDadoda
 5/3/2018 12:21:18 PM



#94
 Hexachlorobutadiene
 Concen: 48.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion:	225	Resp:	111459
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.4	94.0
227	64.5	32.5	97.5





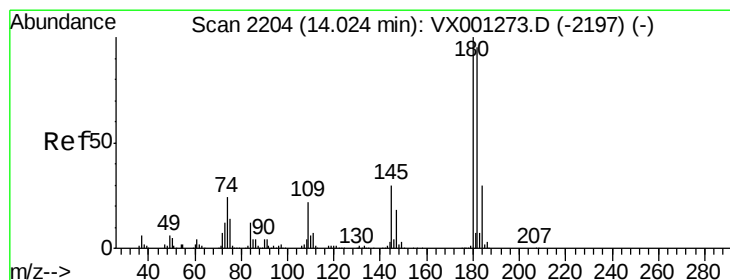
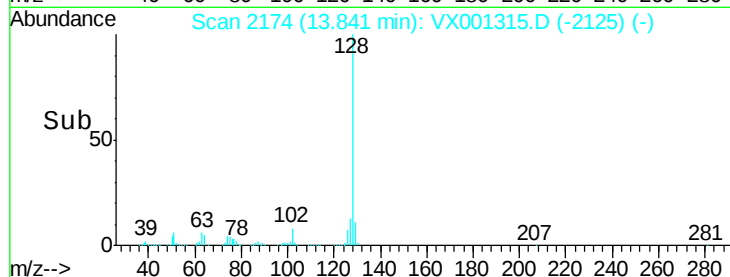
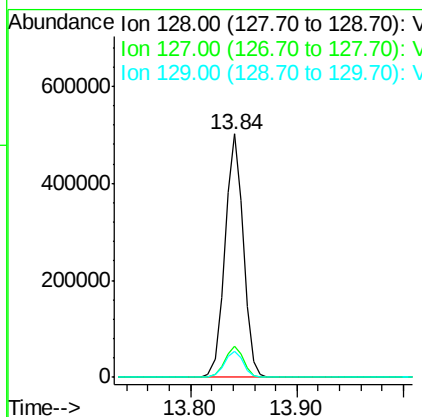
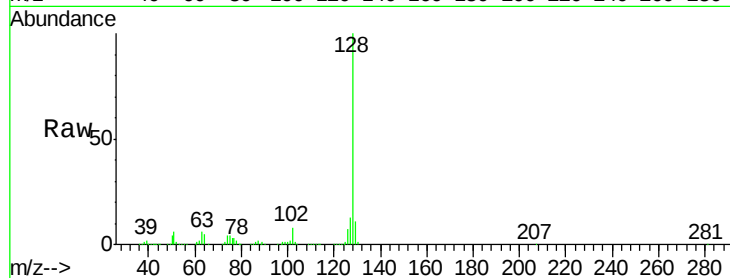
#95
Naphthalene
Concen: 54.11 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.53 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	28.8	14.4	43.4

