

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001331.D
 Acq On : 02 May 2018 22:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:20 PM

Quant Time: May 03 06:28:35 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	162153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	217165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	109523	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	94153	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	346955	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.15	95	131533	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93026	51.86	ug/l	97
3) Chloromethane	1.32	50	89614	50.89	ug/l	98
4) Vinyl Chloride	1.40	62	96315	51.96	ug/l	98
5) Bromomethane	1.64	94	67262	48.62	ug/l	99
6) Chloroethane	1.71	64	66061	56.37	ug/l	99
7) Trichlorofluoromethane	1.92	101	170114	54.37	ug/l	100
8) Diethyl Ether	2.19	74	59376	55.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93957	52.08	ug/l	98
10) Methyl Iodide	2.51	142	136672	67.82	ug/l	100
11) Tert butyl alcohol	3.09	59	131542	340.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86824	53.38	ug/l	96
13) Acrolein	2.30	56	46381	208.59	ug/l	100
14) Allyl chloride	2.73	41	153115	53.80	ug/l	99
15) Acrylonitrile	3.16	53	276684	309.13	ug/l	100
16) Acetone	2.45	43	264280	275.83	ug/l	100
17) Carbon Disulfide	2.57	76	202922	47.89	ug/l	98
18) Methyl Acetate	2.79	43	149122	65.90	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	307633	55.53	ug/l	98
20) Methylene Chloride	2.86	84	96922	56.26	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	91850	51.88	ug/l	98
22) Diisopropyl ether	3.89	45	312078	56.94	ug/l	98
23) Vinyl Acetate	3.84	43	1369514	294.87	ug/l	100
24) 1,1-Dichloroethane	3.70	63	173739	56.91	ug/l	100
25) 2-Butanone	4.73	43	368301	284.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84035	33.82	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	95334	49.00	ug/l	99
28) Bromochloromethane	5.03	49	76360	55.64	ug/l	97
29) Tetrahydrofuran	5.18	42	238628	299.50	ug/l	99
30) Chloroform	5.22	83	168318	52.16	ug/l	98
31) Cyclohexane	5.58	56	129341	46.91	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	145431	51.56	ug/l	100
36) 1,1-Dichloropropene	5.81	75	117480	46.87	ug/l	99
37) Ethyl Acetate	4.89	43	140795	55.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	132028	50.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134540	45.39	ug/l	98
40) Benzene	6.15	78	361551	50.14	ug/l	99
41) Methacrylonitrile	5.08	41	77434	52.53	ug/l	99
42) 1,2-Dichloroethane	6.21	62	137980	49.43	ug/l	99
43) Isopropyl Acetate	6.48	43	221316	54.01	ug/l	99
44) Trichloroethene	7.22	130	109288	49.52	ug/l	97
45) 1,2-Dichloropropane	7.52	63	91435	49.38	ug/l	98
46) Dibromomethane	7.67	93	65695	50.62	ug/l	99
47) Bromodichloromethane	7.91	83	121761	52.47	ug/l	95
48) Methyl methacrylate	7.79	41	118015	54.18	ug/l	99
49) 1,4-Dioxane	7.77	88	53387	1298.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	780098	295.32	ug/l	99
52) Toluene	8.79	92	239358	50.79	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	135700	49.17	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	127219	50.11	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	99240	52.13	ug/l	97
56) Ethyl methacrylate	9.19	69	148753	56.39	ug/l	98
57) 1,3-Dichloropropane	9.38	76	159893	52.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	357385	280.81	ug/l	100
59) 2-Hexanone	9.51	43	615272	298.01	ug/l	100
60) Dibromochloromethane	9.59	129	110073	55.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	108644	53.84	ug/l	99
64) Tetrachloroethene	9.34	164	132936	52.89	ug/l	95
65) Chlorobenzene	10.15	112	283440	49.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	104910	52.38	ug/l	99
67) Ethyl Benzene	10.26	91	467553	49.17	ug/l	99
68) m/p-Xylenes	10.37	106	372268	99.50	ug/l	99
69) o-Xylene	10.71	106	183532	50.58	ug/l	99
70) Styrene	10.72	104	303384	51.12	ug/l	99
71) Bromoform	10.87	173	91903	47.70	ug/l	99
73) Isopropylbenzene	11.02	105	489119	50.43	ug/l	100
74) N-amyl acetate	6.48	43	221316	53.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	153998	53.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	145894m	54.43	ug/l	
77) Bromobenzene	11.26	156	143094	51.16	ug/l	99
78) n-propylbenzene	11.37	91	542411	50.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	332868	51.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	423575	52.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35377	43.54	ug/l	96
82) 4-Chlorotoluene	11.52	91	392099	50.13	ug/l	100
83) tert-Butylbenzene	11.77	119	416971	51.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	434334	52.04	ug/l	100
85) sec-Butylbenzene	11.95	105	500084	51.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	457492	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	253415	48.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	260087	48.30	ug/l	100
89) n-Butylbenzene	12.40	91	377545	48.53	ug/l	100
90) Hexachloroethane	12.60	117	68629	53.17	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	264257	50.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36530	62.21	ug/l	97

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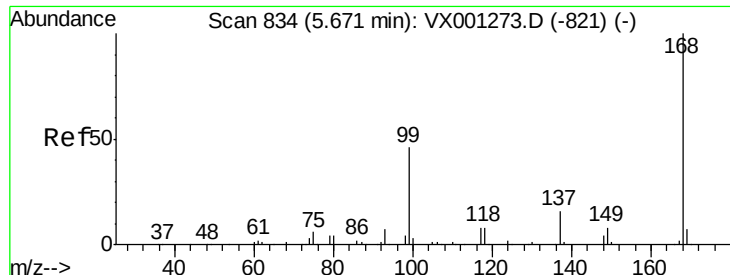
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194172	46.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	101899	46.58	ug/l	100
95) Naphthalene	13.84	128	577446	54.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	203839	49.66	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: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 162153

Ion Ratio Lower Upper

168 100

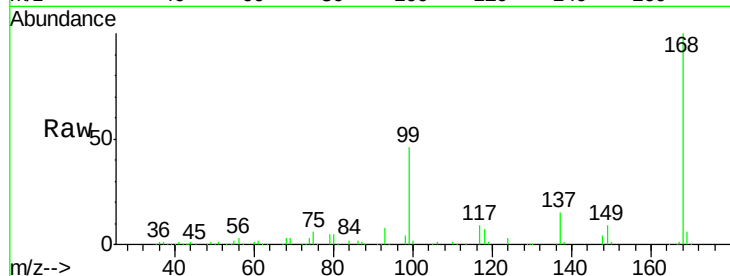
99 46.0 36.5 54.7

Manual Integrations

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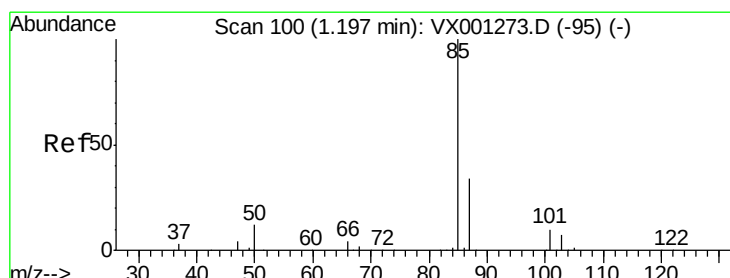
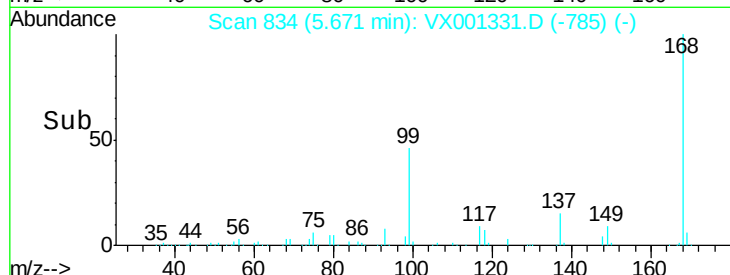
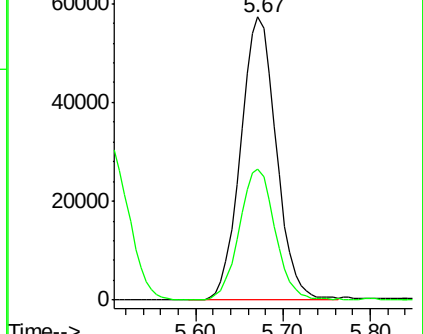
MMDadoda

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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: 51.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001331.D

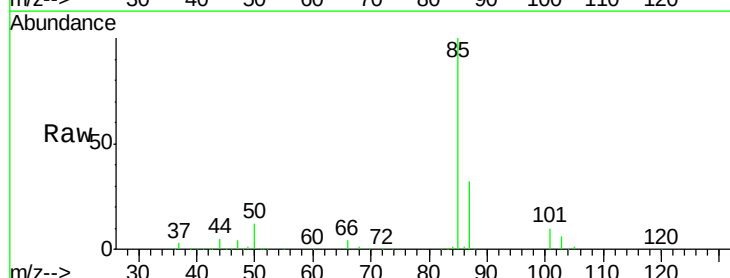
Acq: 02 May 2018 22:03

Tgt Ion: 85 Resp: 93026

Ion Ratio Lower Upper

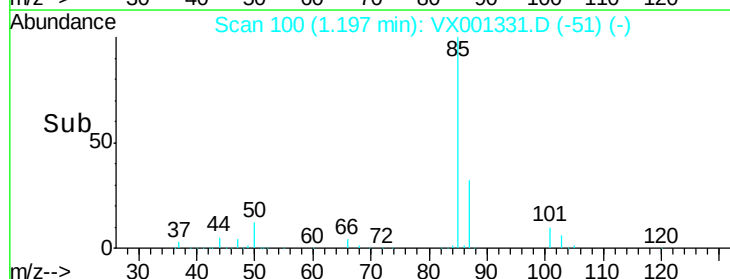
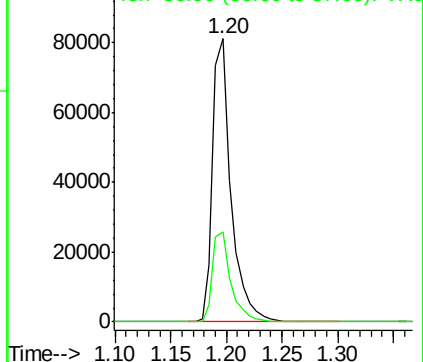
85 100

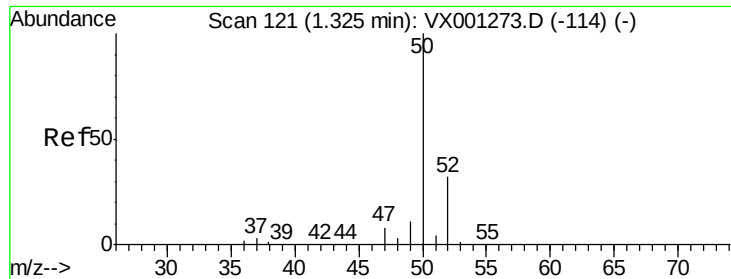
87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 89614

Ion Ratio Lower Upper

50 100

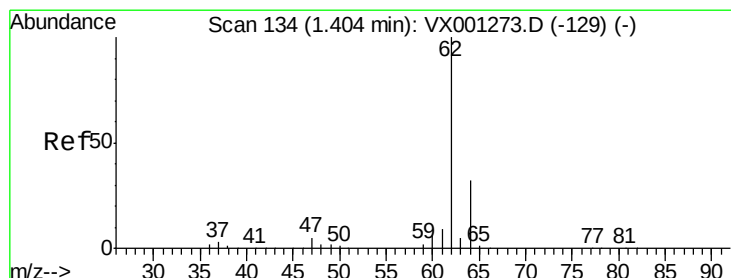
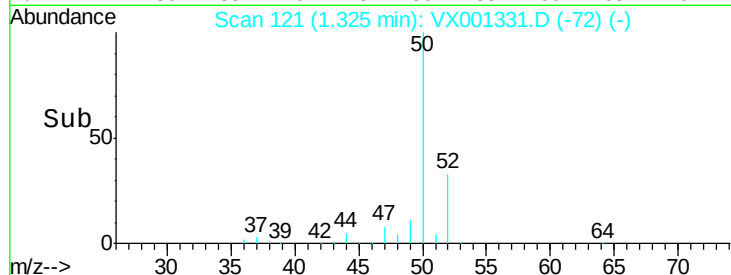
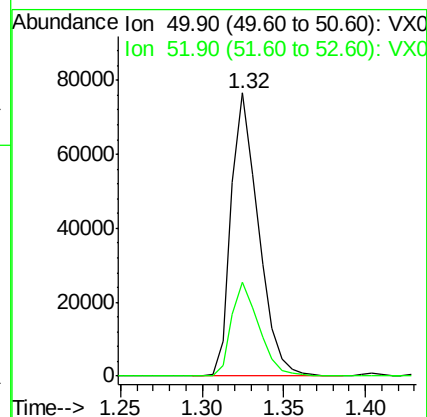
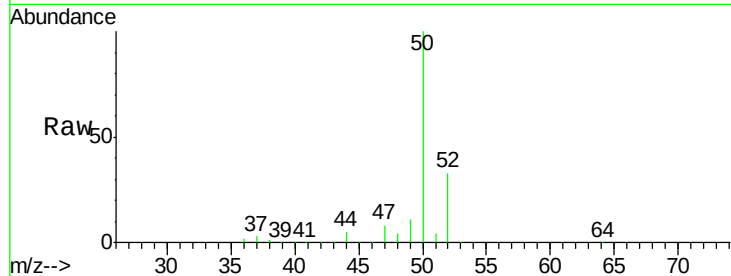
52 33.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.96 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001331.D

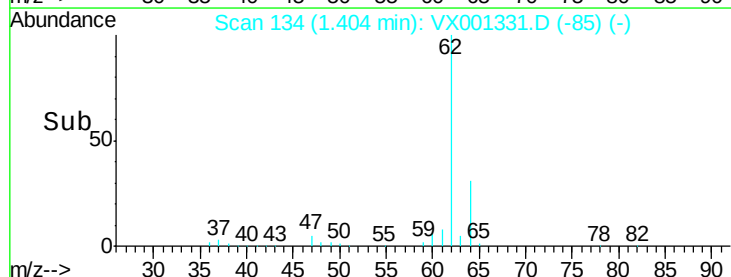
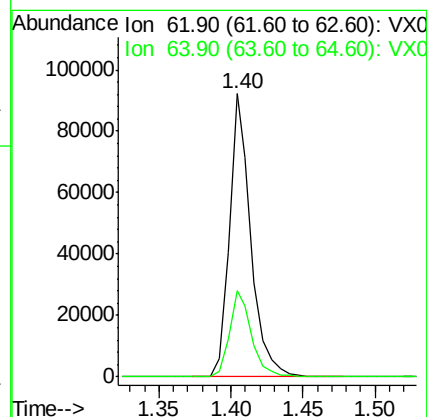
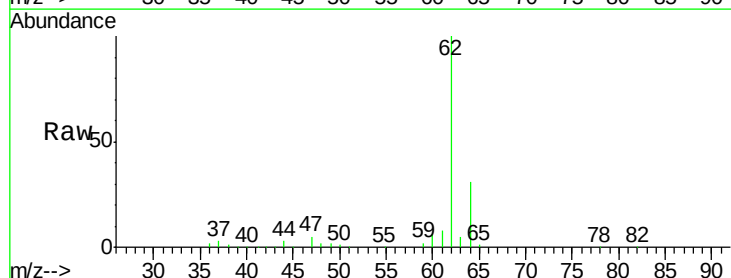
Acq: 02 May 2018 22:03

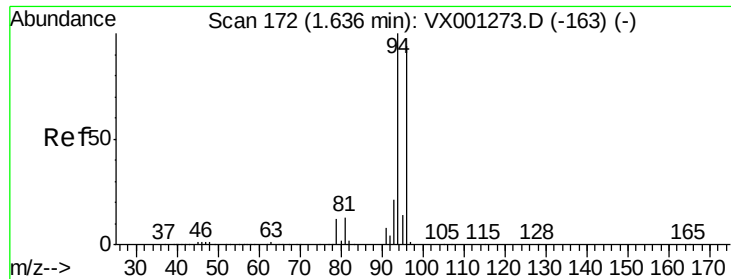
Tgt Ion: 62 Resp: 96315

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.2





#5

Bromomethane

Concen: 48.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67262

Ion Ratio Lower Upper

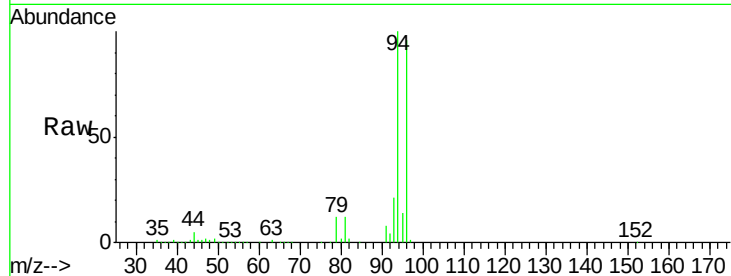
94 100

96 95.9 75.6 113.4

Manual Integrations
APPROVED

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

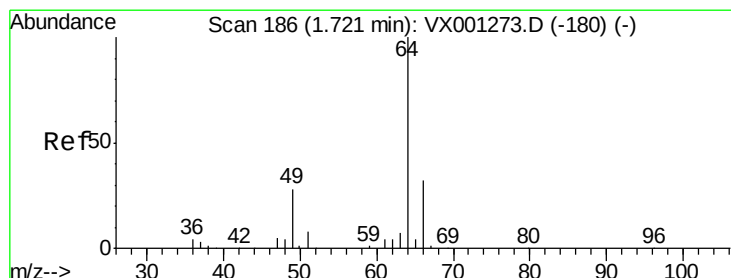
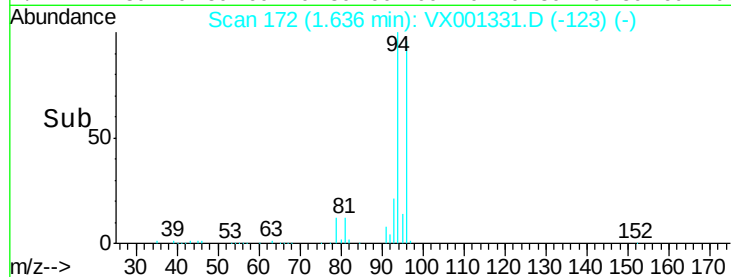
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 56.37 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001331.D

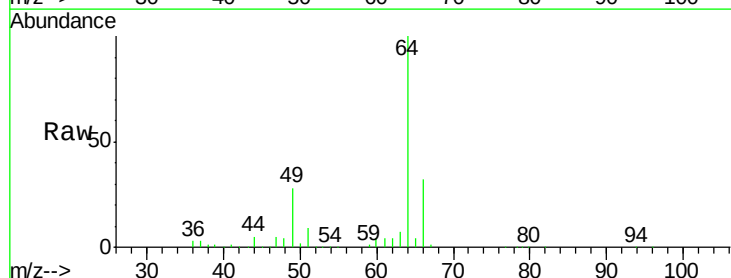
Acq: 02 May 2018 22:03

Tgt Ion: 64 Resp: 66061

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

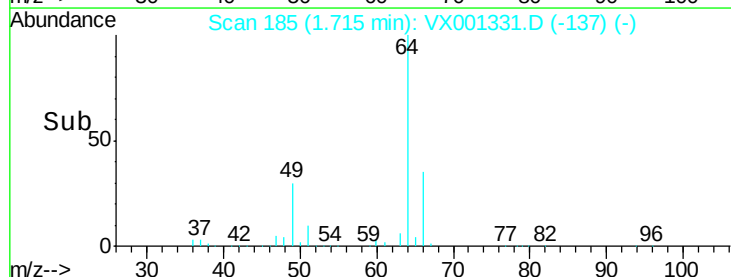
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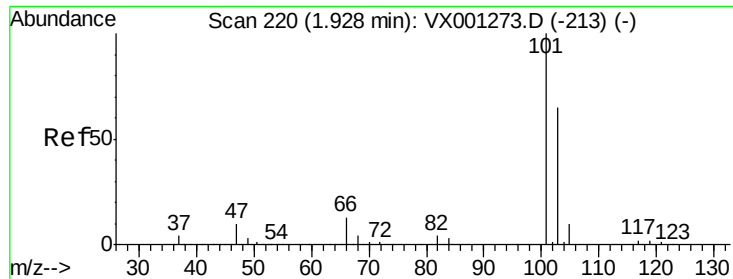
20000

10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 54.37 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 170114

Ion Ratio Lower Upper

101 100

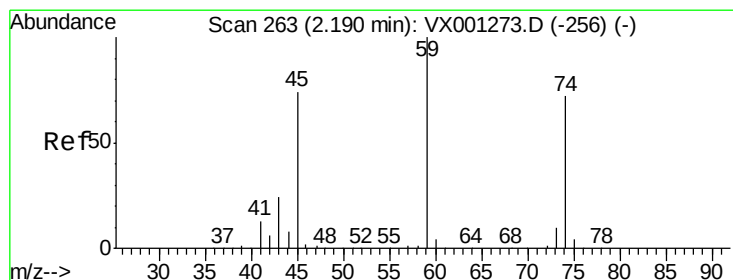
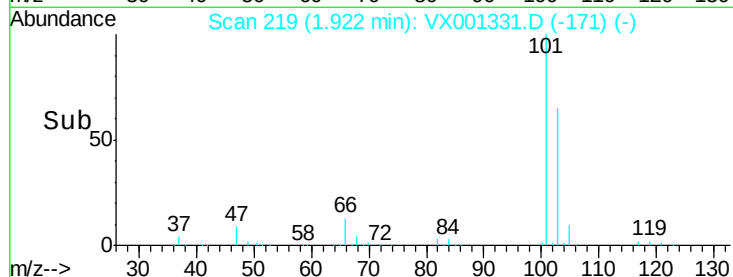
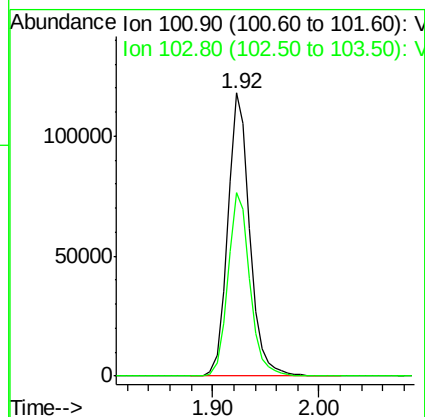
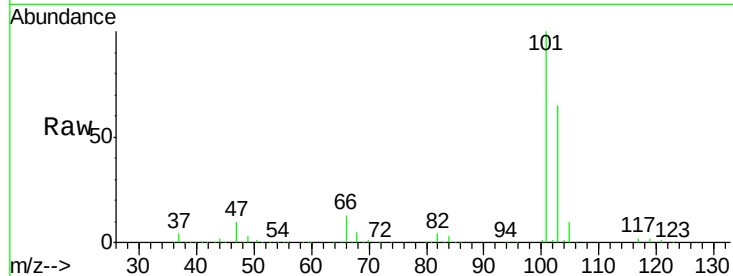
103 64.7 51.8 77.8

Manual Integrations

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#8

Diethyl Ether

Concen: 55.27 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001331.D

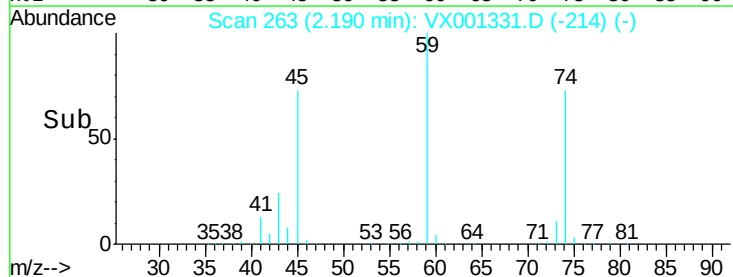
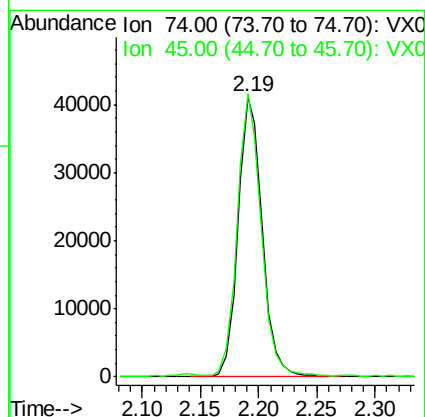
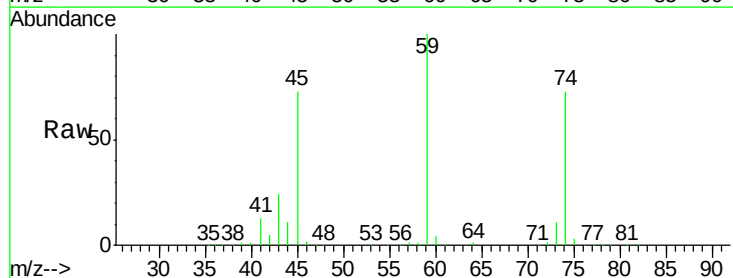
Acq: 02 May 2018 22:03

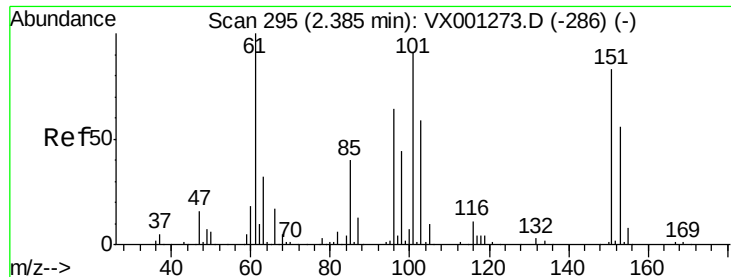
Tgt Ion: 74 Resp: 59376

Ion Ratio Lower Upper

74 100

45 99.6 49.3 147.9





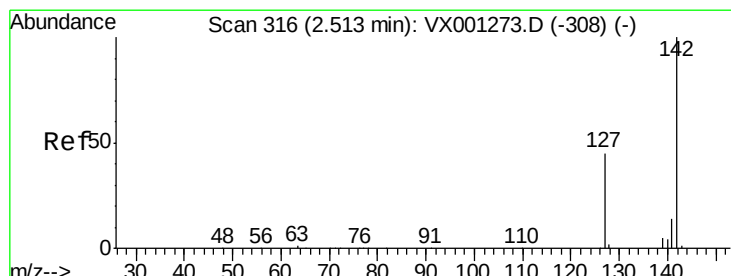
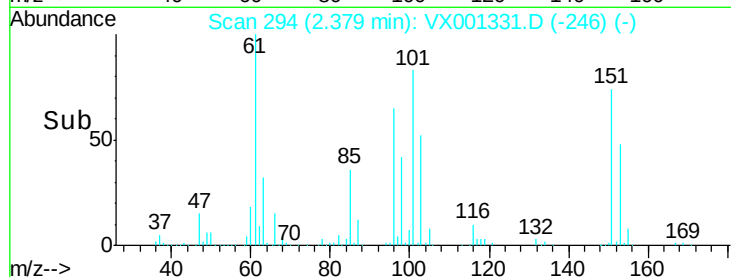
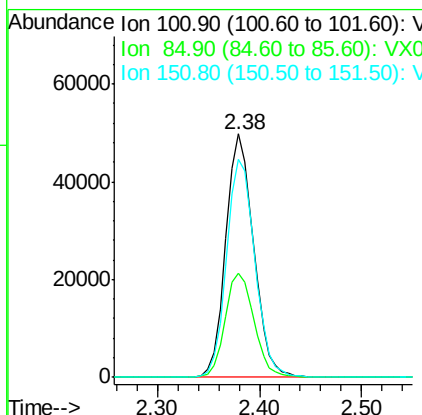
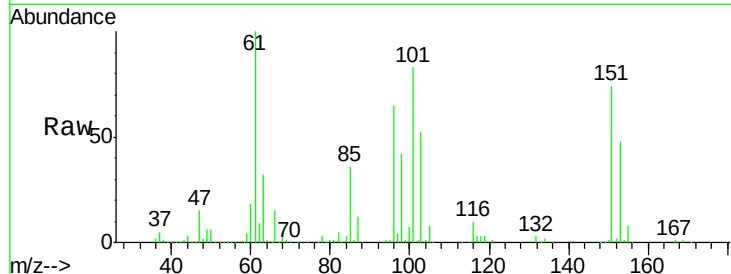
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.08 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

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ClientSampleId :
VSTDCCC050

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

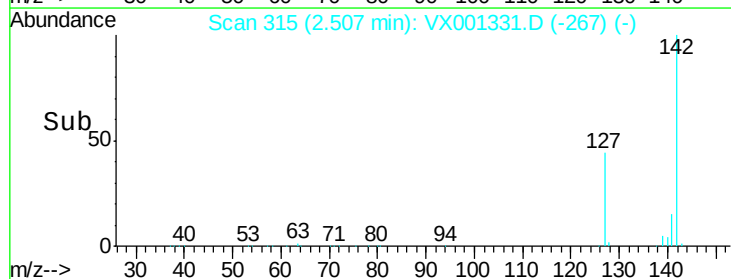
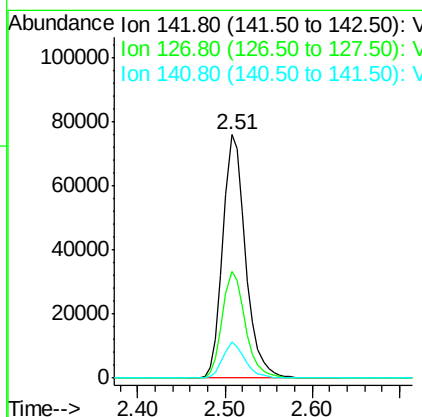
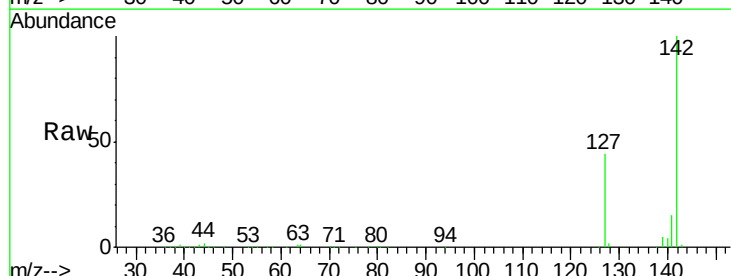
Manual Integrations
APPROVED

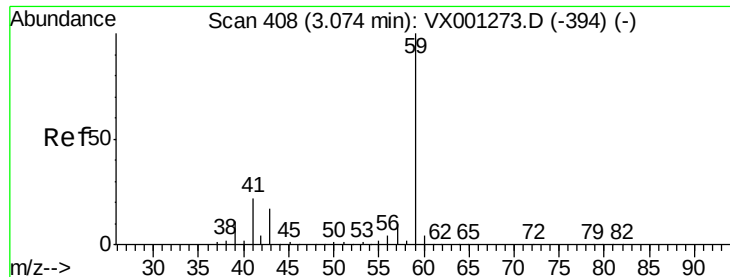
MMDadoda
5/3/2018 12:21:20 PM



#10
Methyl Iodide
Concen: 67.82 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.5	35.7	53.5
141	14.4	11.4	17.0





#11

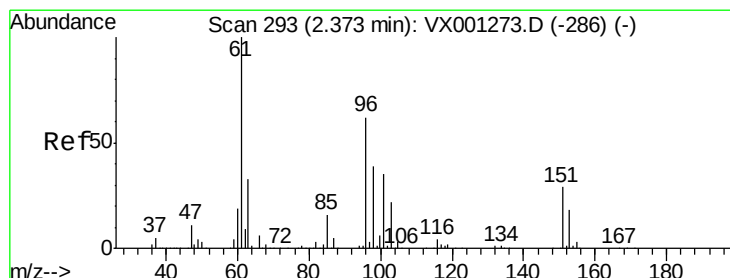
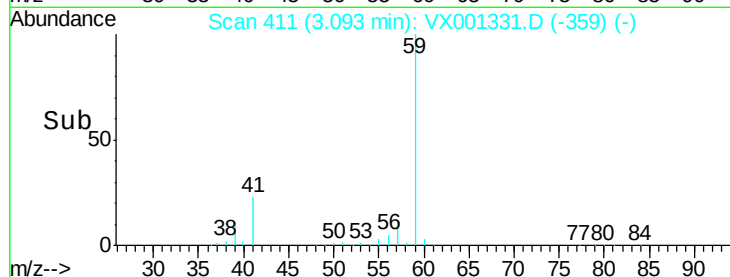
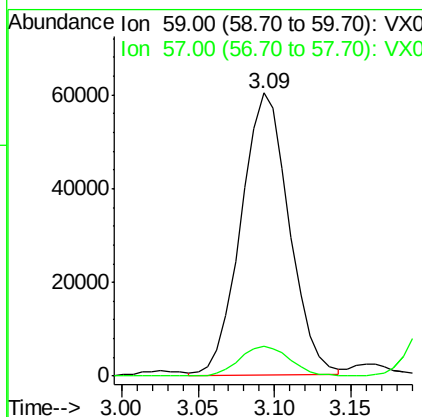
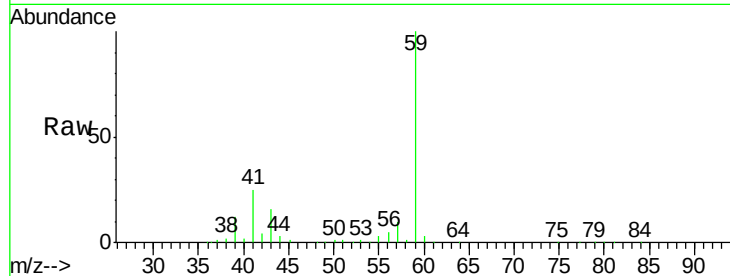
Tert butyl alcohol
Concen: 340.63 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.02 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

Manual Integrations
APPROVED

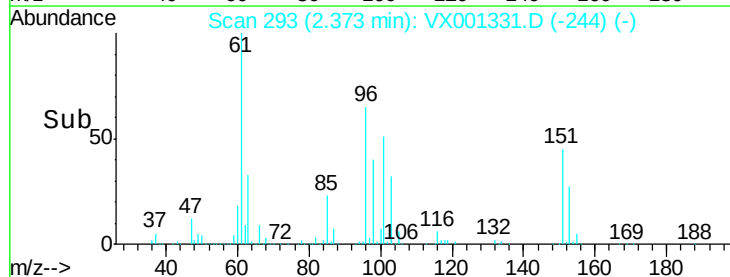
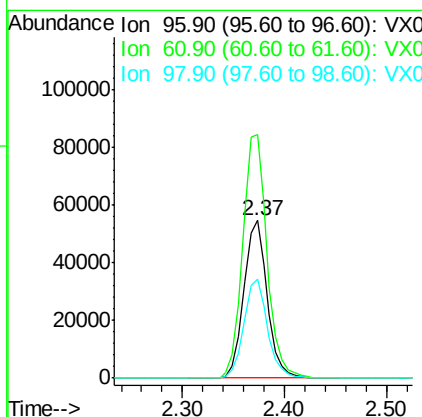
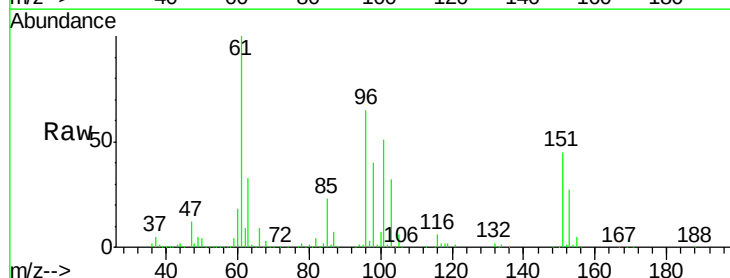
MMDadoda
5/3/2018 12:21:20 PM

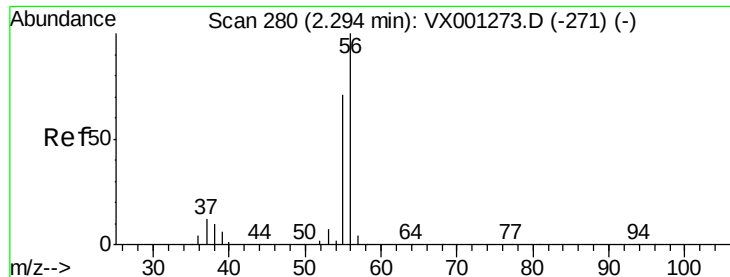


#12

1,1-Dichloroethene
Concen: 53.38 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.6	130.1	195.1
98	62.5	50.3	75.5





#13

Acrolein

Concen: 208.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46381

Ion Ratio Lower Upper

56 100

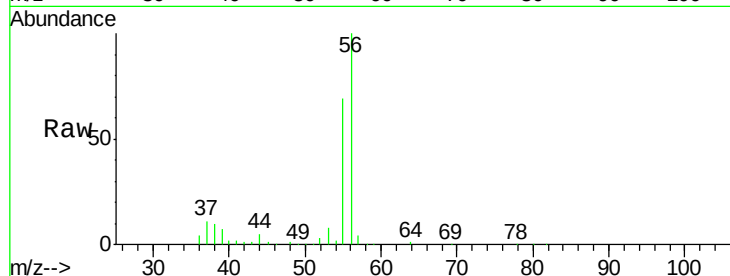
55 71.5 57.2 85.8

Manual Integrations

APPROVED

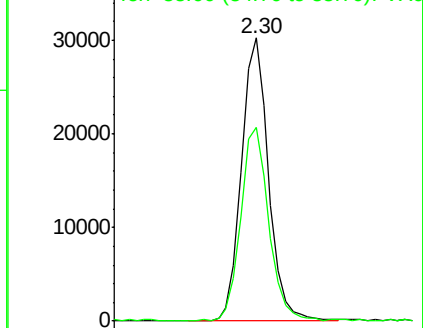
MMDadoda

5/3/2018 12:21:20 PM

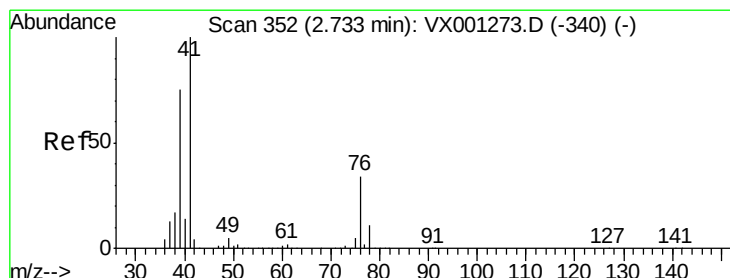
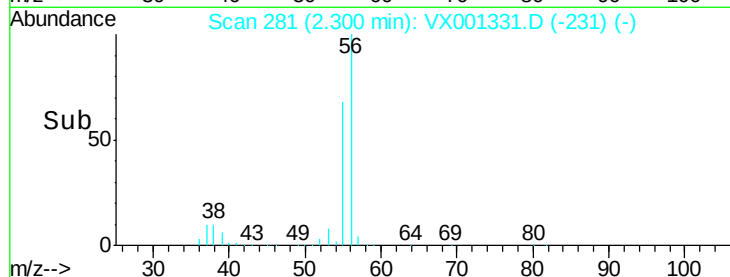


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 53.80 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

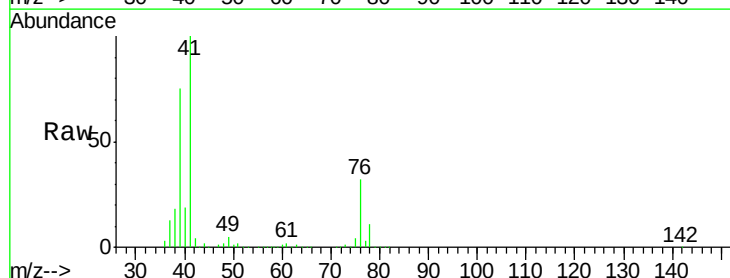
Tgt Ion: 41 Resp: 153115

Ion Ratio Lower Upper

41 100

39 71.7 58.1 87.1

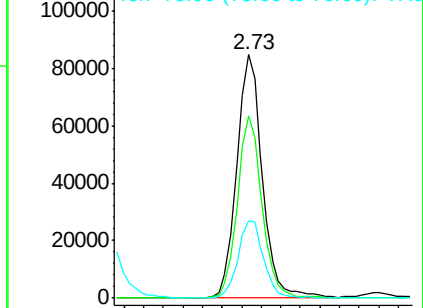
76 31.7 25.1 37.7



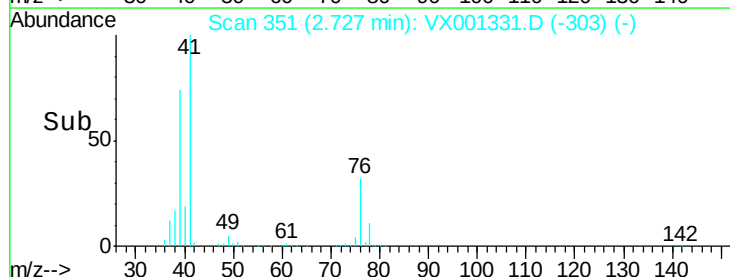
Abundance Ion 41.00 (40.70 to 41.70): VX0

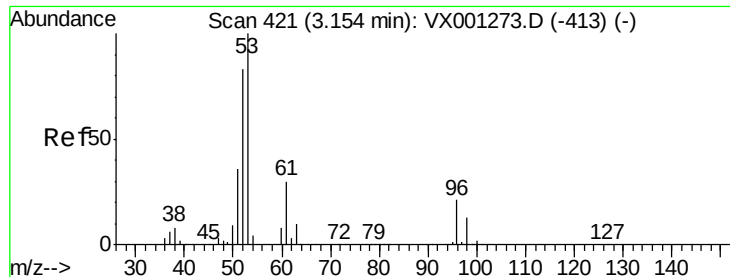
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 309.13 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

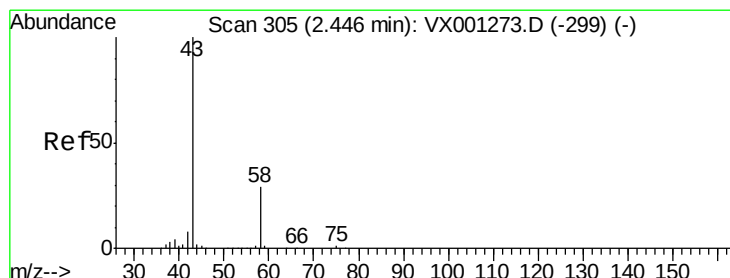
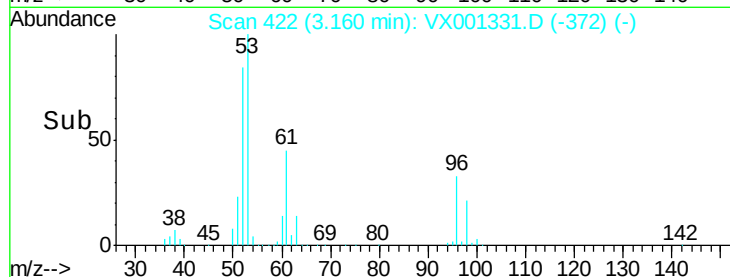
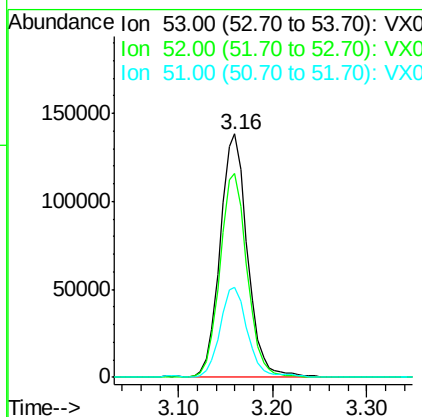
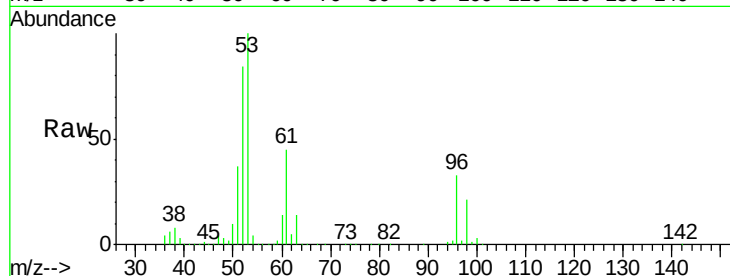
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	276684
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.0	100.4
51	37.8	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:20 PM



#16

Acetone

Concen: 275.83 ug/l

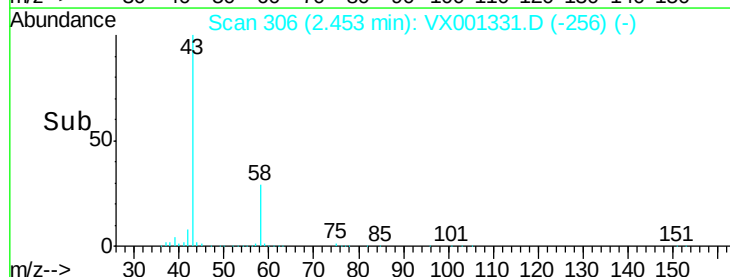
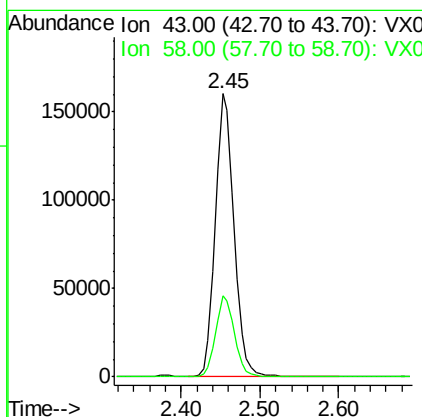
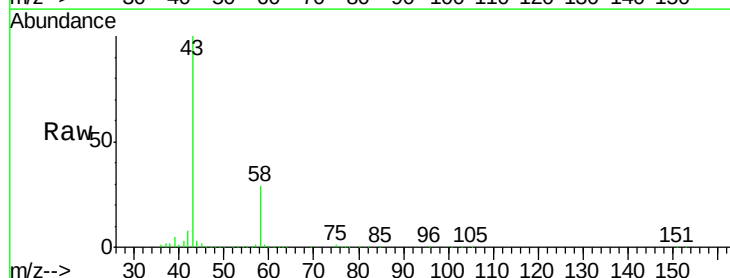
RT: 2.45 min Scan# 306

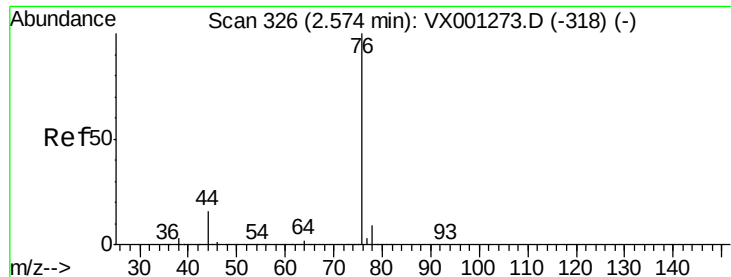
Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion:	43	Resp:	264280
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.8	34.2





#17

Carbon Disulfide

Concen: 47.89 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 202922

Ion Ratio Lower Upper

76 100

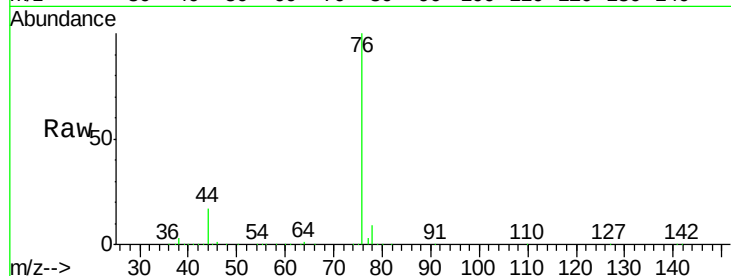
78 9.3 7.0 10.4

Manual Integrations

APPROVED

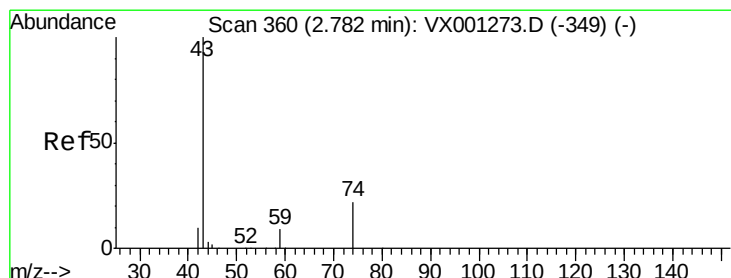
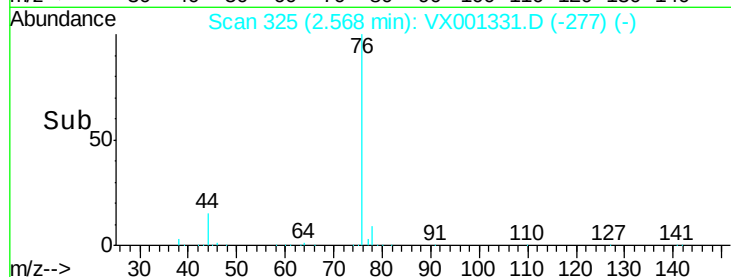
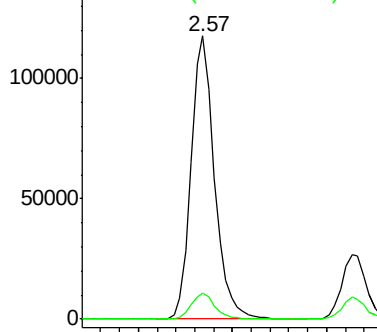
MMDadoda

5/3/2018 12:21:20 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.90 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001331.D

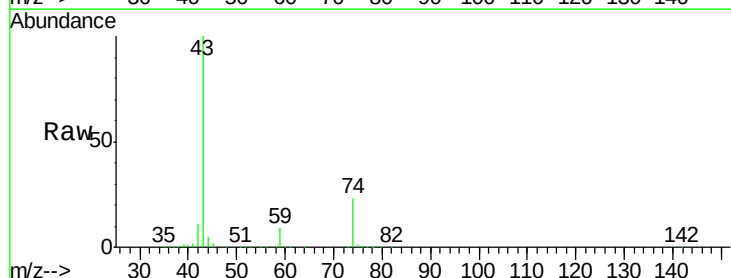
Acq: 02 May 2018 22:03

Tgt Ion: 43 Resp: 149122

Ion Ratio Lower Upper

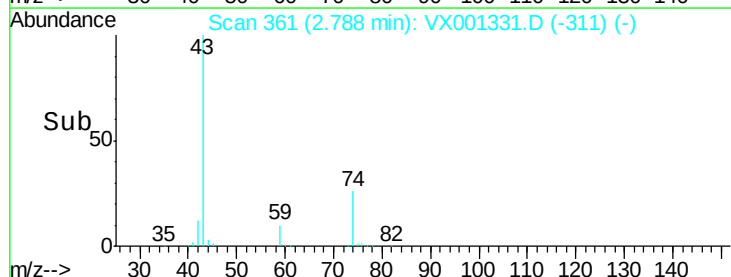
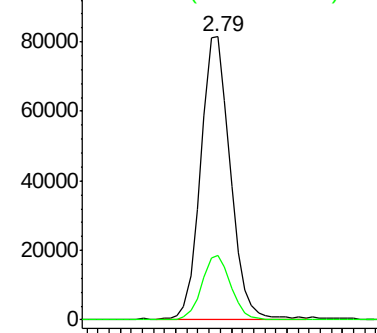
43 100

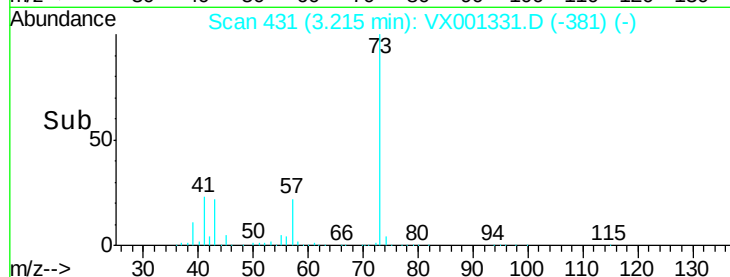
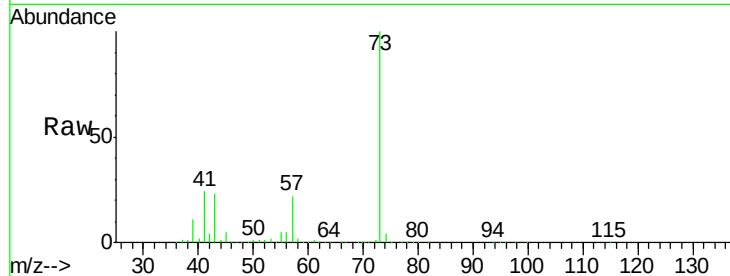
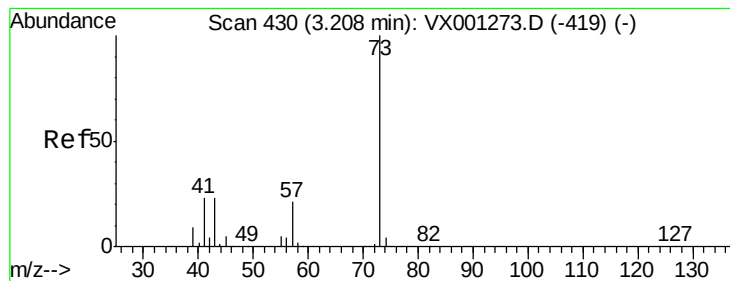
74 22.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

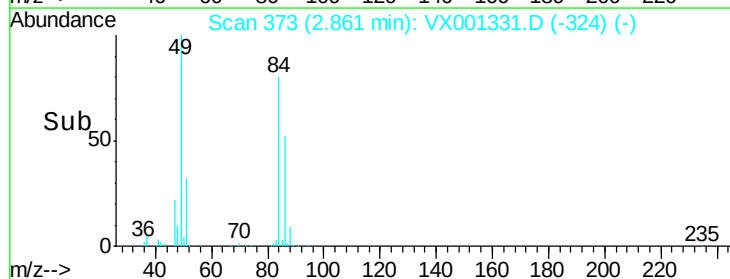
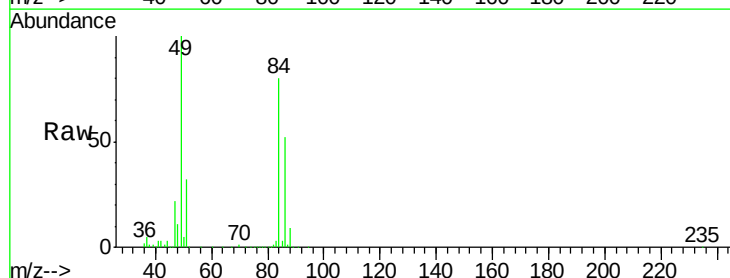
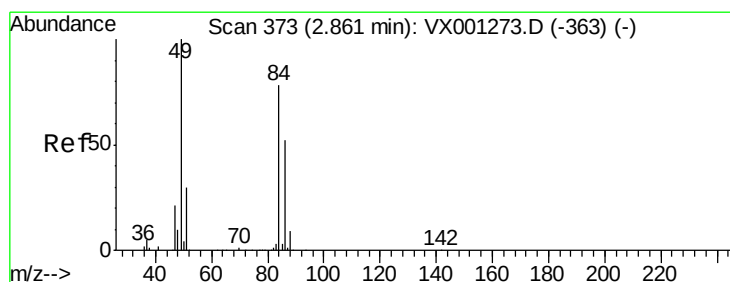
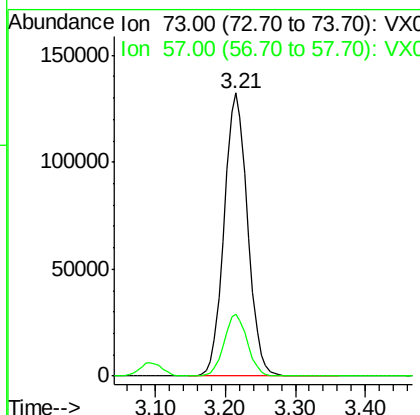
Methyl tert-butyl Ether
Concen: 55.53 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tot Ion	73	Resp	307633
Ion Ratio	100	Lower	Upper
73	100		
57	21.7	16.8	25.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

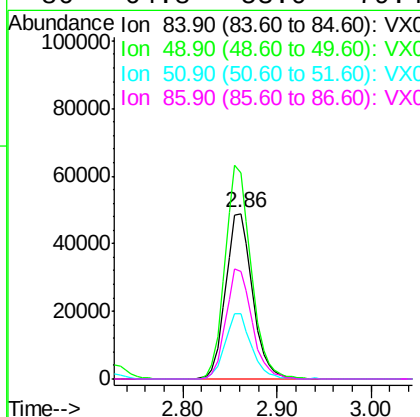
MMDadoda
5/3/2018 12:21:20 PM

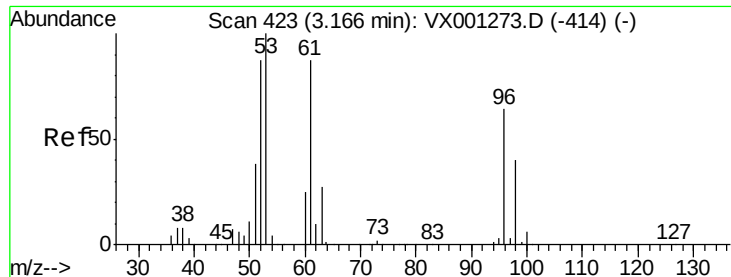


#20

Methylene Chloride
Concen: 56.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	84	Resp	96922
Ion Ratio	100	Lower	Upper
84	100		
49	124.8	102.8	154.2
51	39.5	30.9	46.3
86	64.8	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 51.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 91850

Ion Ratio Lower Upper

96 100

61 133.9 108.6 162.8

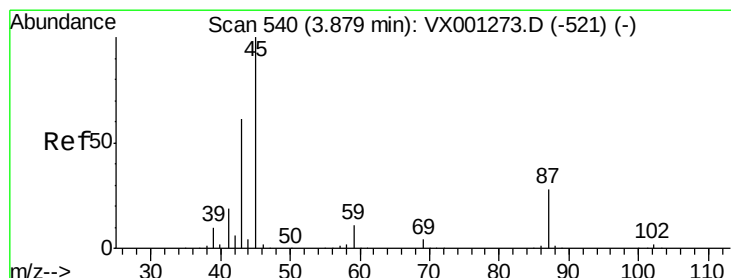
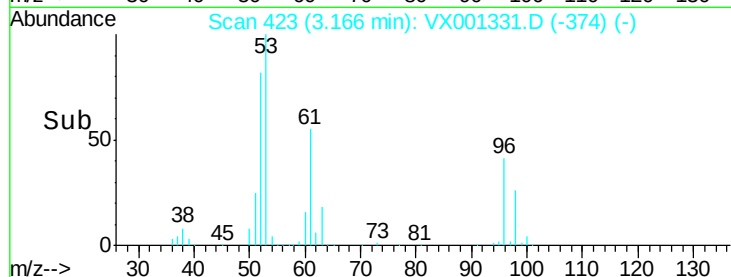
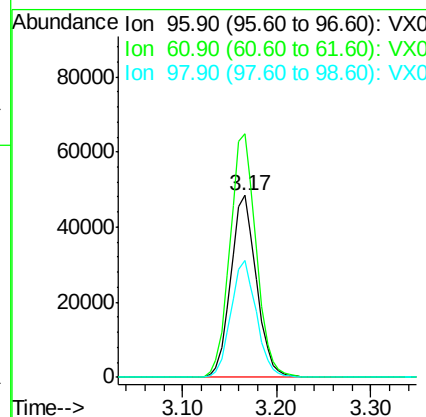
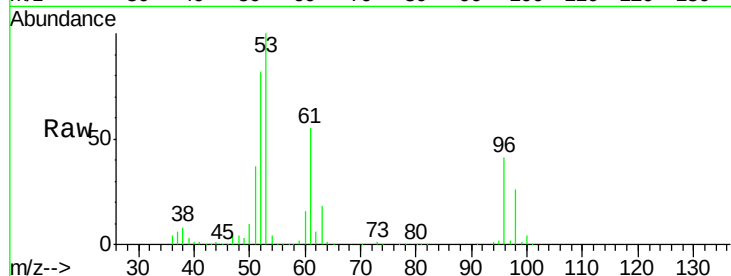
98 64.2 49.7 74.5

Manual Integrations

APPROVED

MMDadoda

5/3/2018 12:21:20 PM



#22

Diisopropyl ether

Concen: 56.94 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion: 45 Resp: 312078

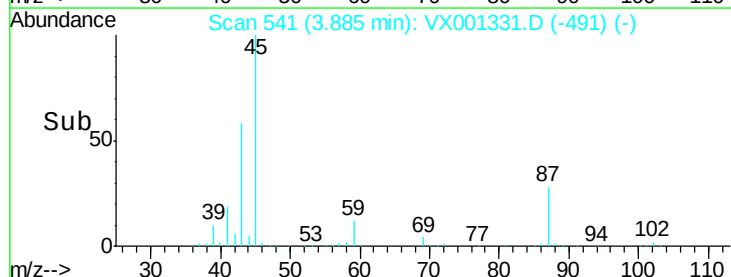
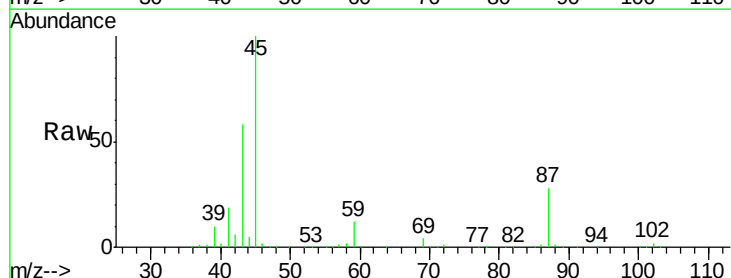
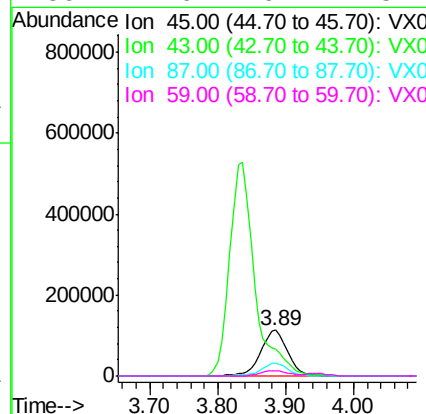
Ion Ratio Lower Upper

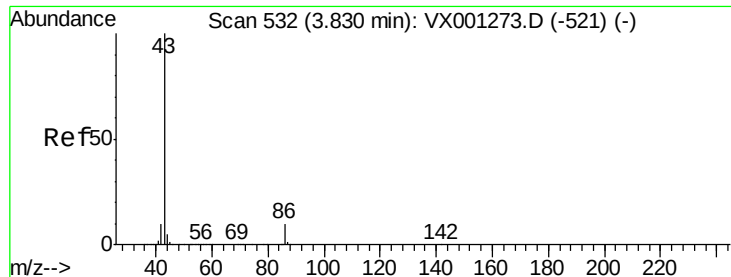
45 100

43 58.3 48.7 73.1

87 27.7 22.2 33.4

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 294.87 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1369514

Ion Ratio Lower Upper

43 100

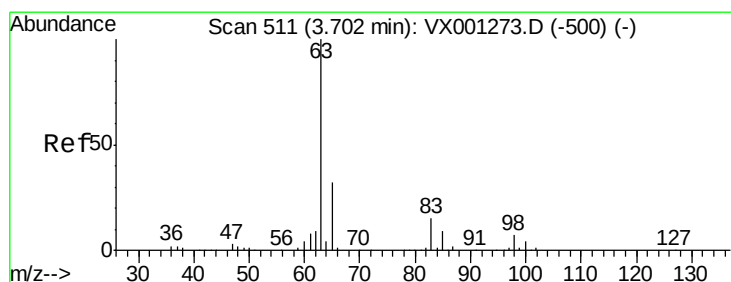
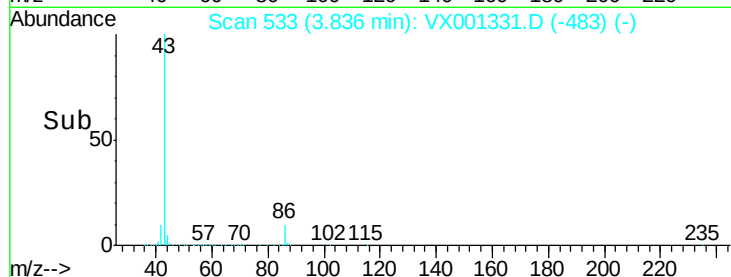
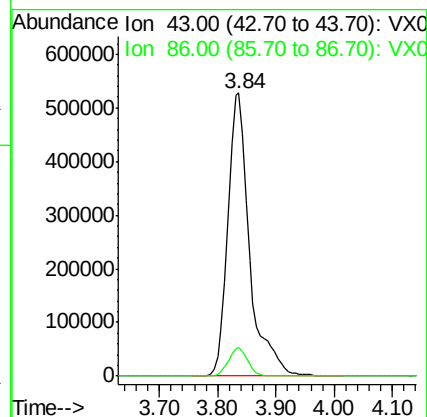
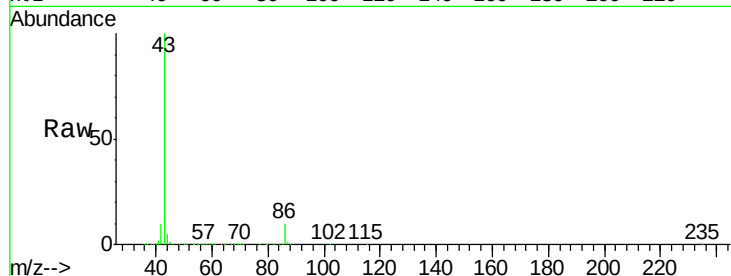
86 10.2 8.2 12.4

Manual Integrations

APPROVED

MMDadoda

5/3/2018 12:21:20 PM



#24

1,1-Dichloroethane

Concen: 56.91 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

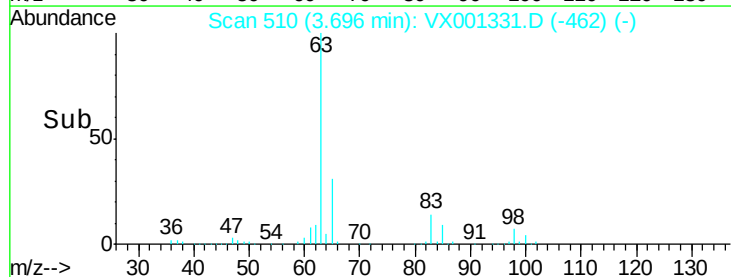
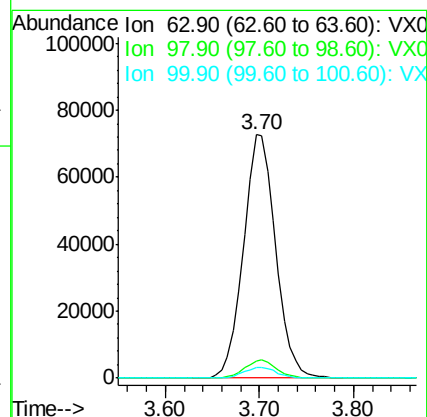
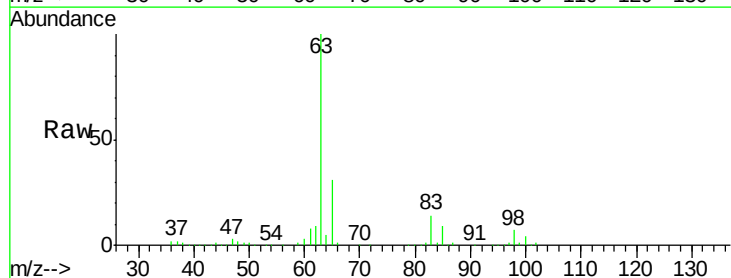
Tgt Ion: 63 Resp: 173739

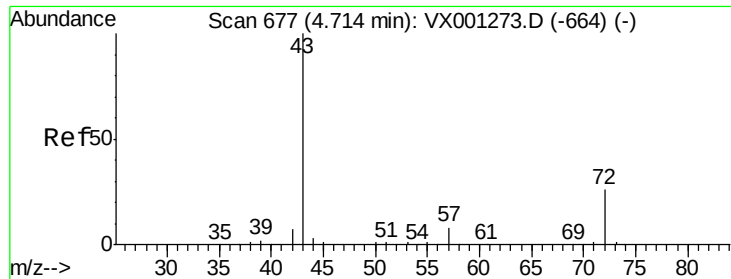
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 284.29 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 368301

Ion Ratio Lower Upper

43 100

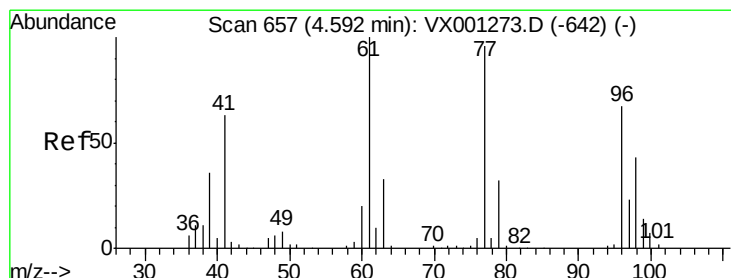
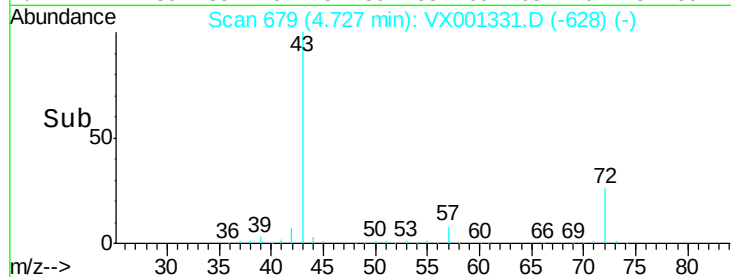
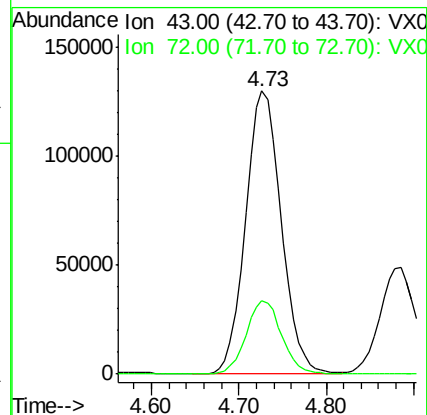
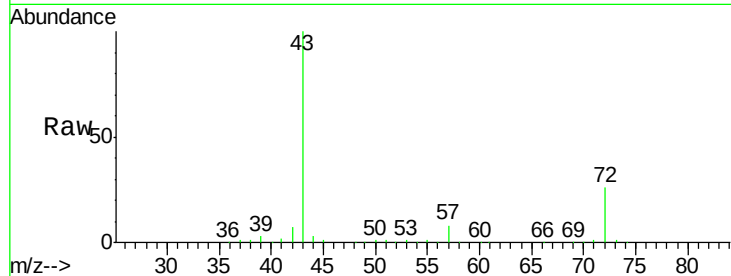
72 26.2 20.5 30.7

Manual Integrations

APPROVED

MMDadoda

5/3/2018 12:21:20 PM



#26

2,2-Dichloropropane

Concen: 33.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001331.D

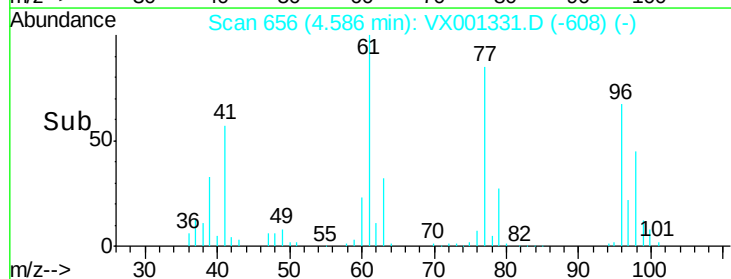
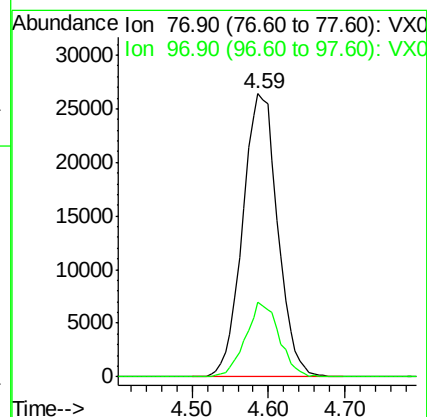
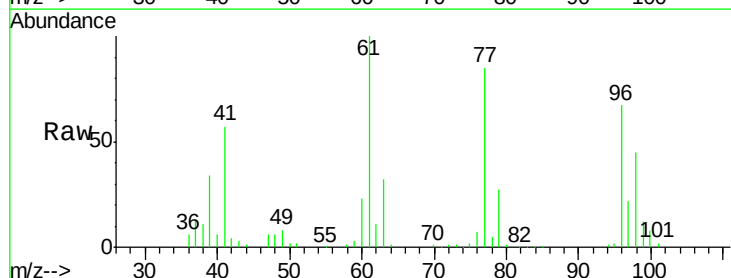
Acq: 02 May 2018 22:03

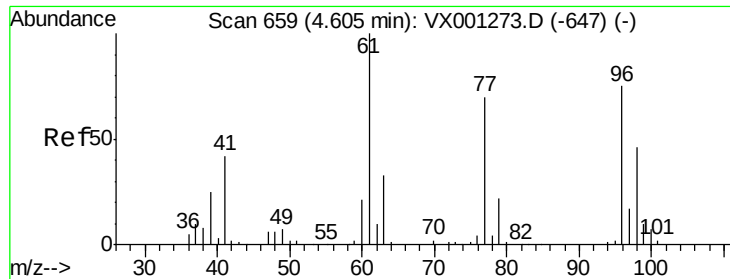
Tgt Ion: 77 Resp: 84035

Ion Ratio Lower Upper

77 100

97 25.2 11.8 35.3





#27

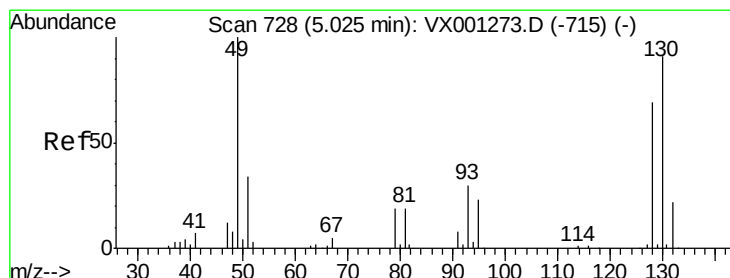
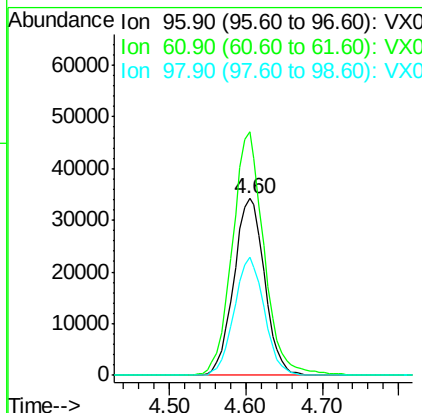
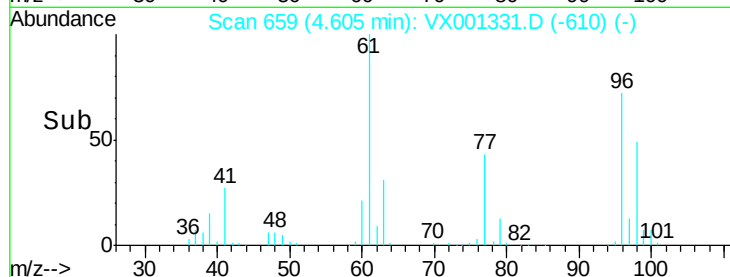
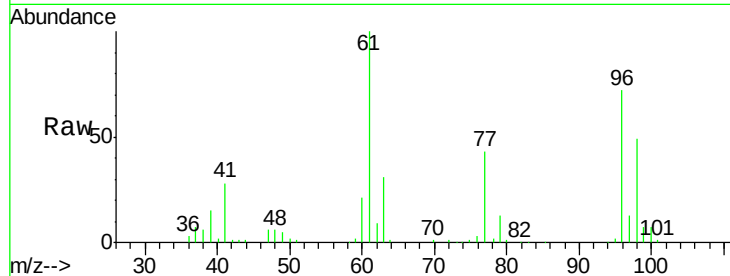
cis-1,2-Dichloroethene
Concen: 49.00 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	288.0
98	65.4	0.0	130.2

Manual Integrations
APPROVED

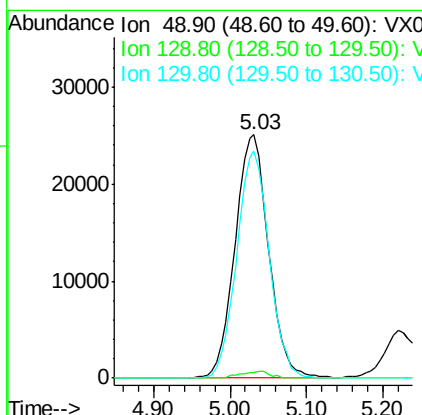
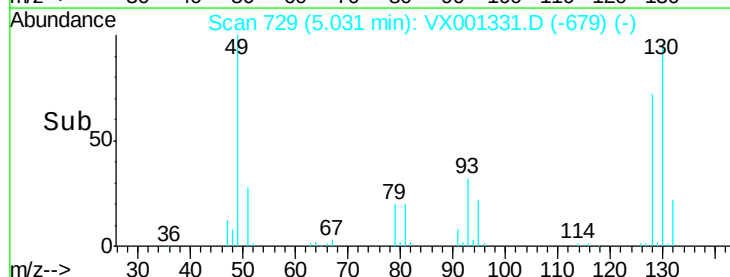
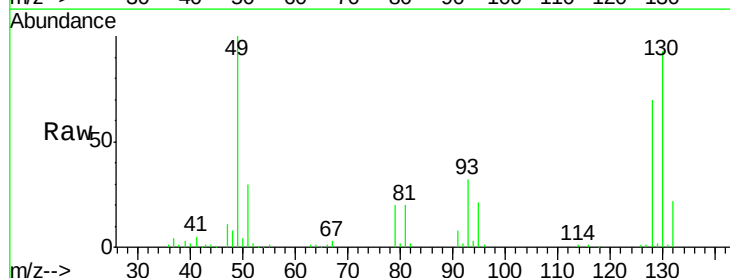
MMDadoda
5/3/2018 12:21:20 PM

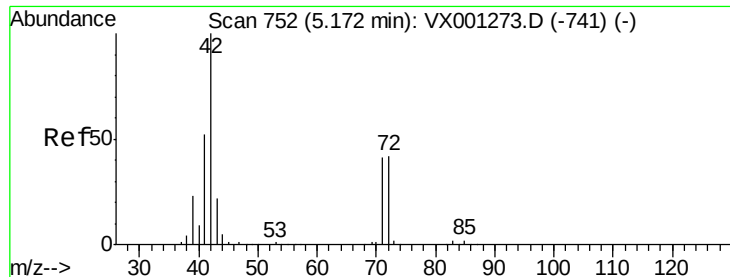


#28

Bromochloromethane
Concen: 55.64 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	90.6	70.4	105.6





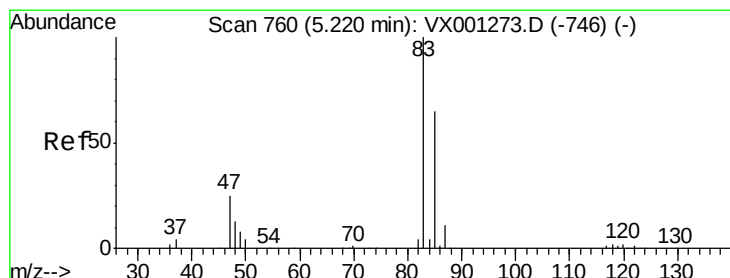
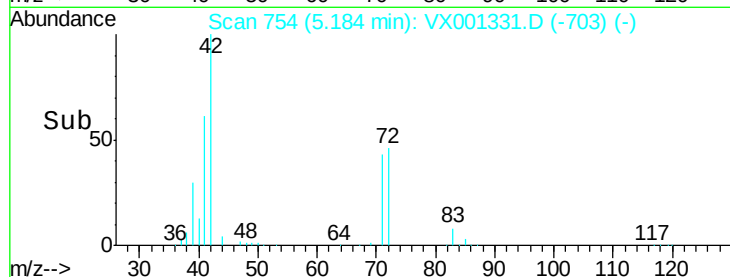
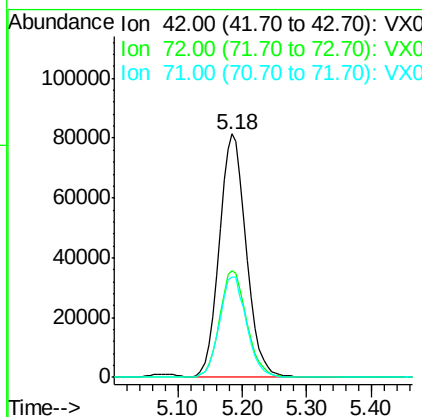
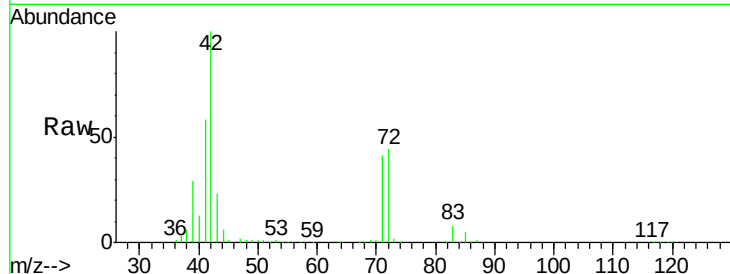
#29
Tetrahydrofuran
Concen: 299.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.6	52.0
71	41.7	32.7	49.1

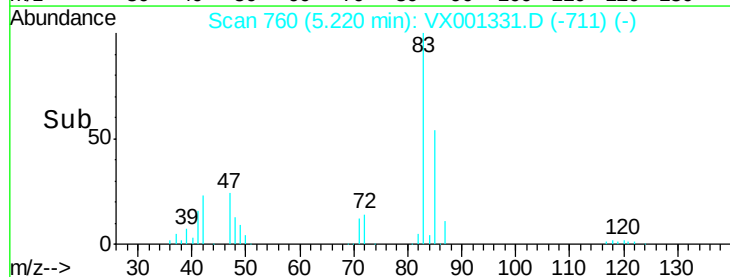
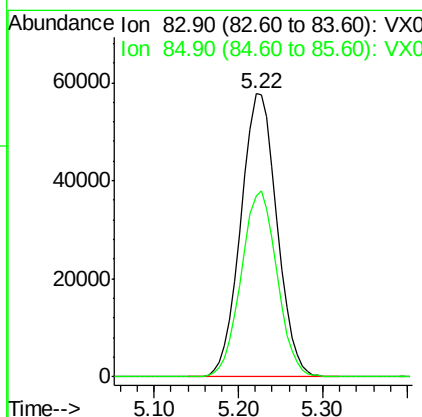
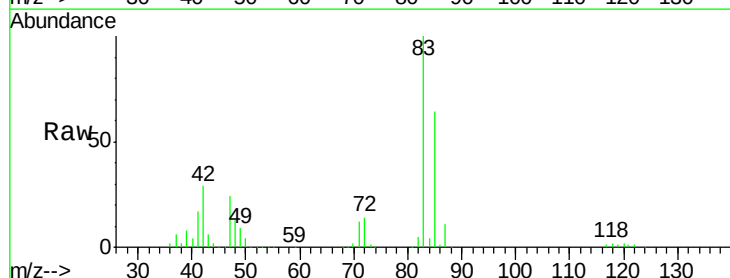
Manual Integrations
APPROVED

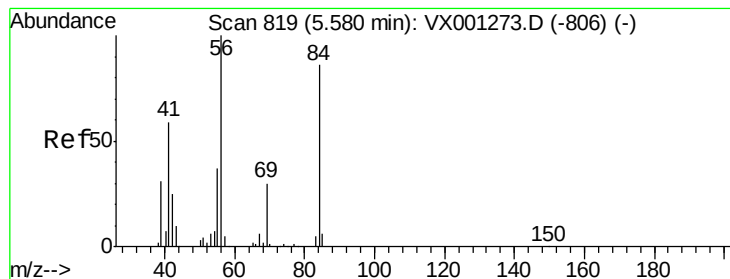
MMDadoda
5/3/2018 12:21:20 PM



#30
Chloroform
Concen: 52.16 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.2	78.2





#31

Cyclohexane

Concen: 46.91 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

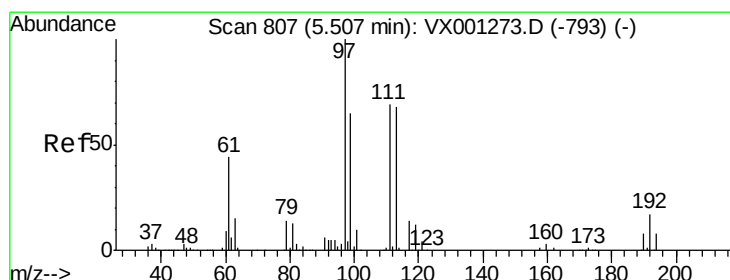
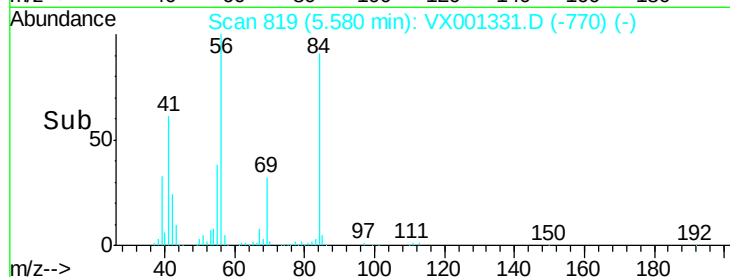
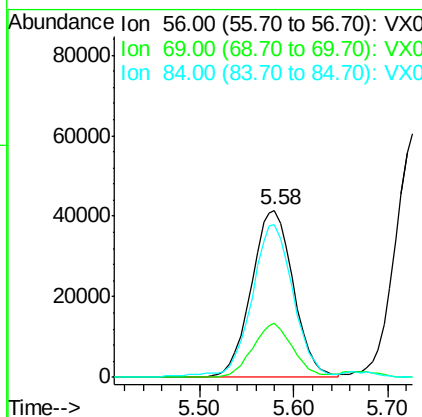
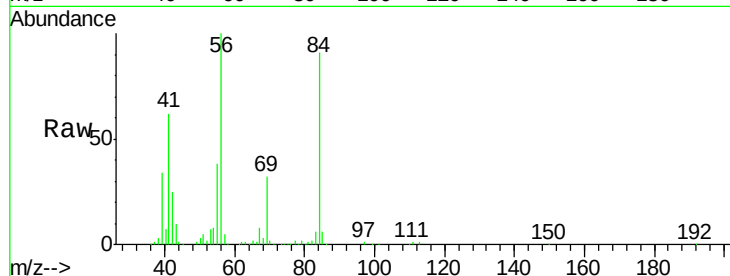
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	129341
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.0	36.0
84	89.7	69.0	103.4

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 51.56 ug/l

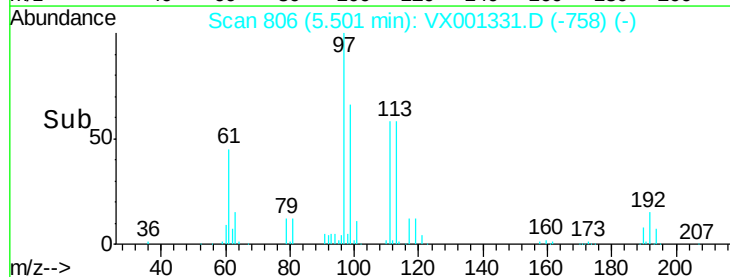
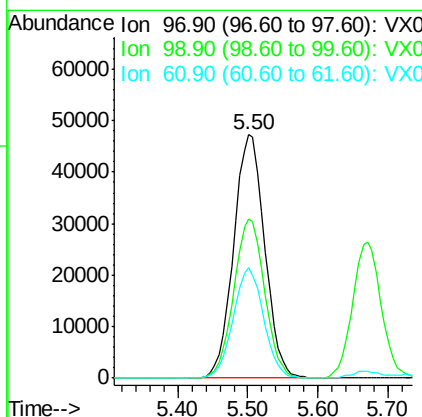
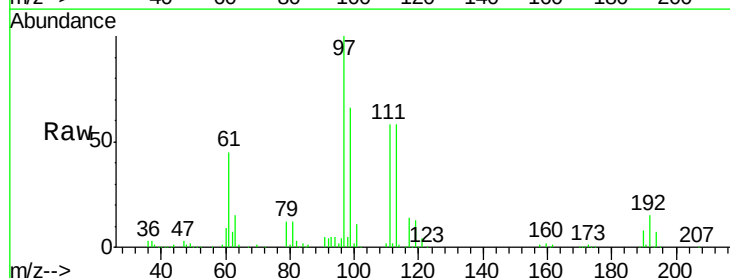
RT: 5.50 min Scan# 806

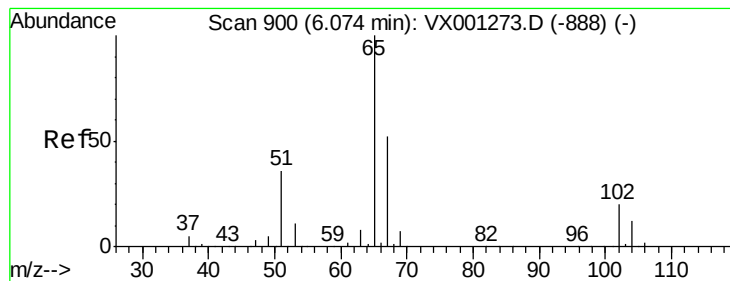
Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion:	97	Resp:	145431
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	44.4	35.4	53.2





#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tot Ion: 65 Resp: 109523

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8

Instrument :

MSVOA_X

ClientSampleId :

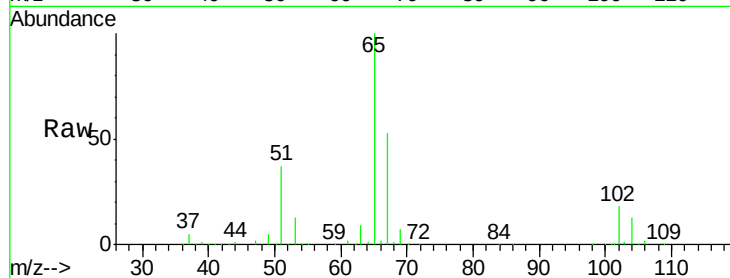
VSTDCCC050

Manual Integrations

APPROVED

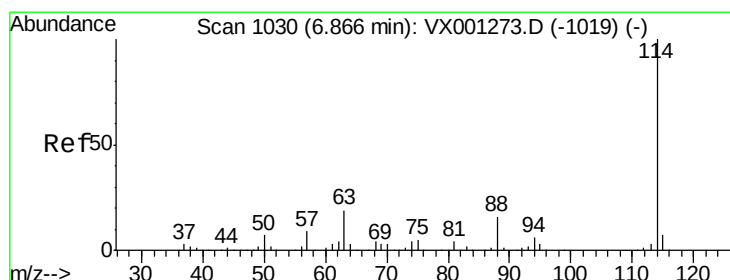
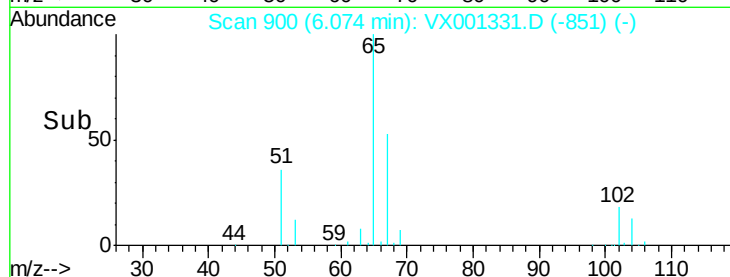
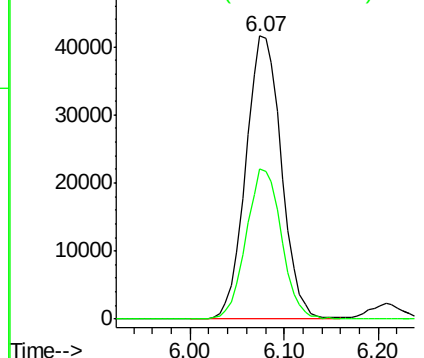
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

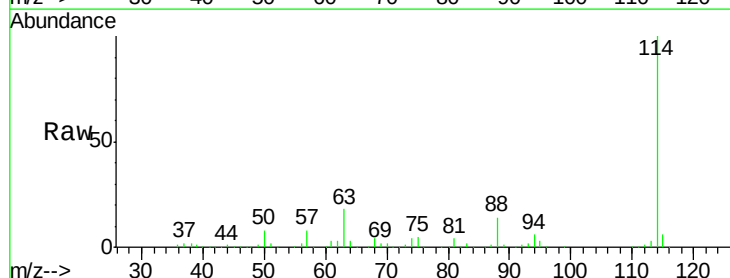
Tgt Ion: 114 Resp: 217165

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.8

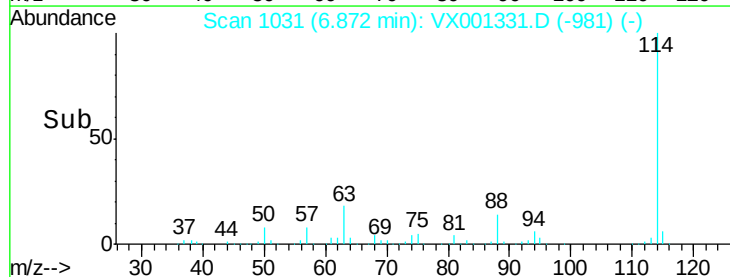
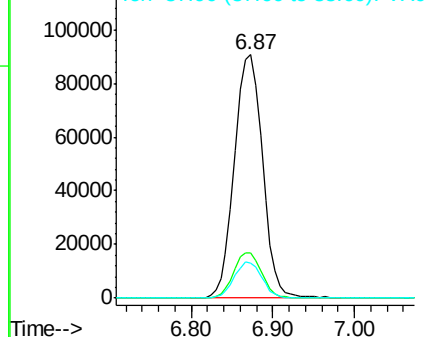
88 14.4 0.0 32.2

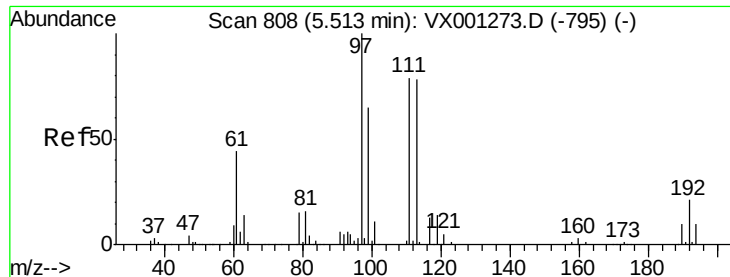


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





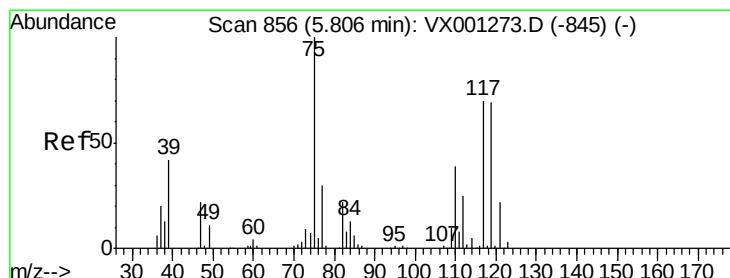
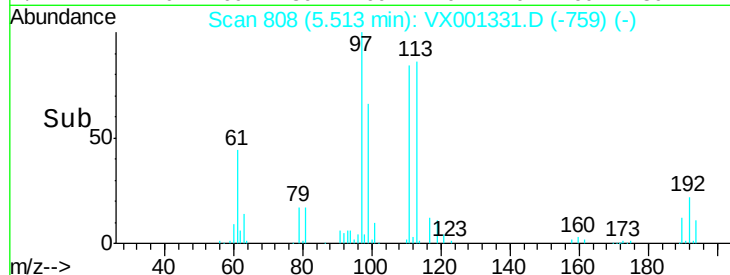
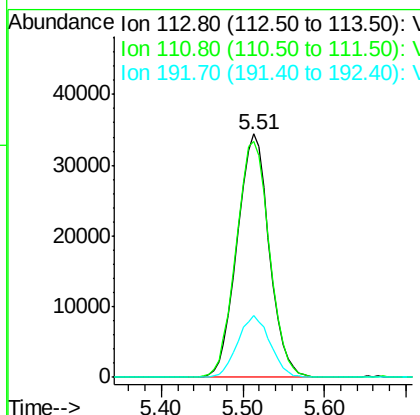
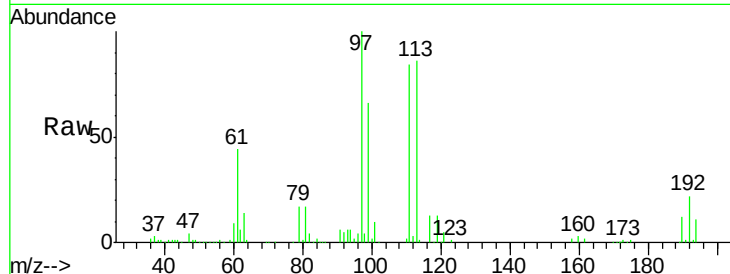
#35
 Dibromofluoromethane
 Concen: 50.32 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	94153		
111	100.2	81.2	121.8	
192	25.6	20.7	31.1	

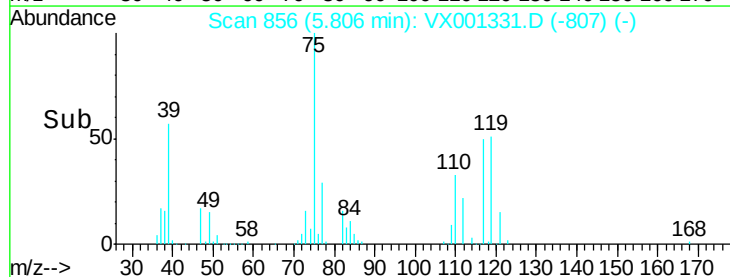
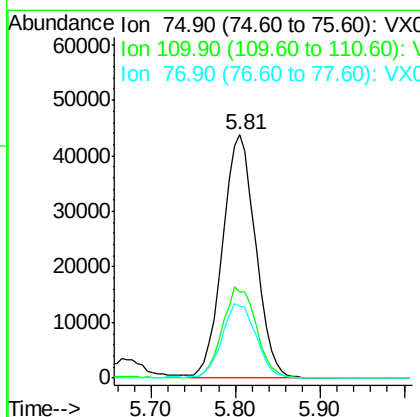
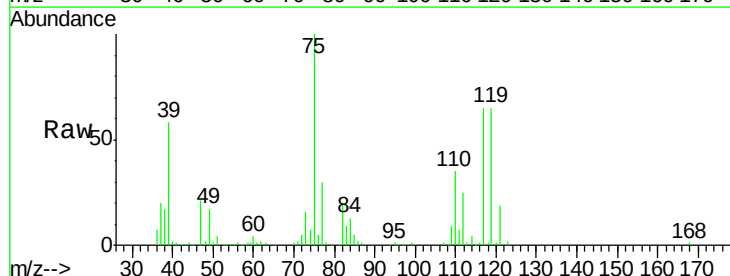
Manual Integrations
 APPROVED

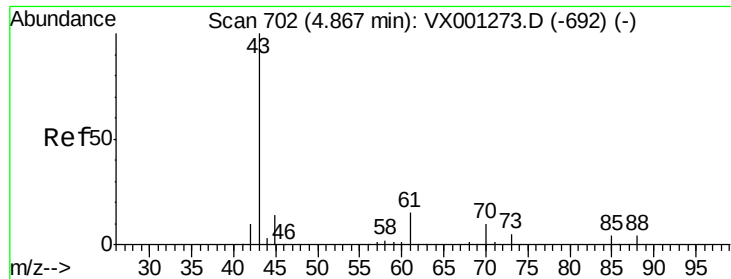
MMDadoda
 5/3/2018 12:21:20 PM



#36
 1,1-Dichloropropene
 Concen: 46.87 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117480		
110	38.0	18.9	56.9	
77	31.5	24.2	36.2	





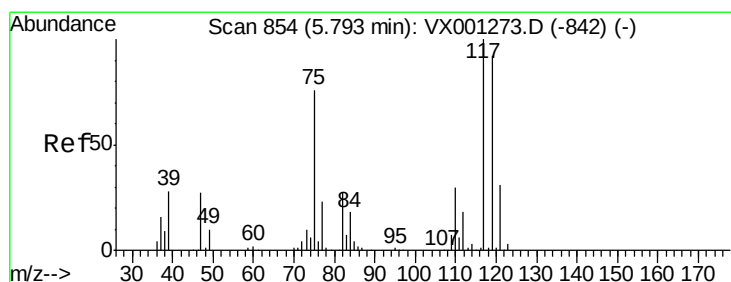
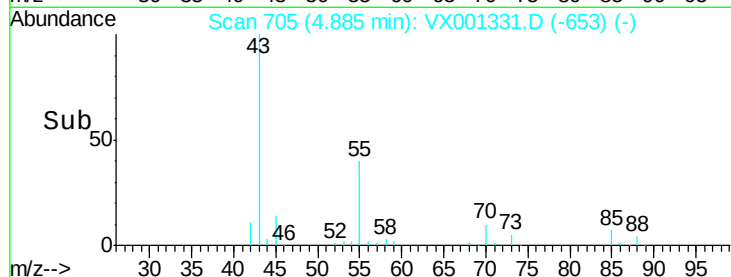
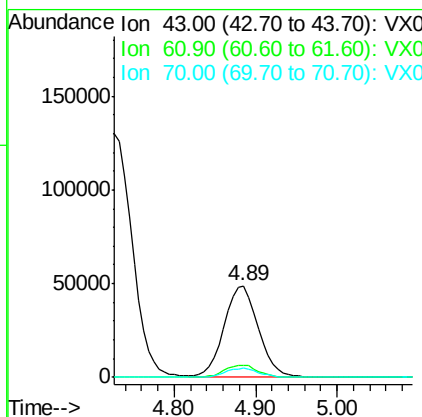
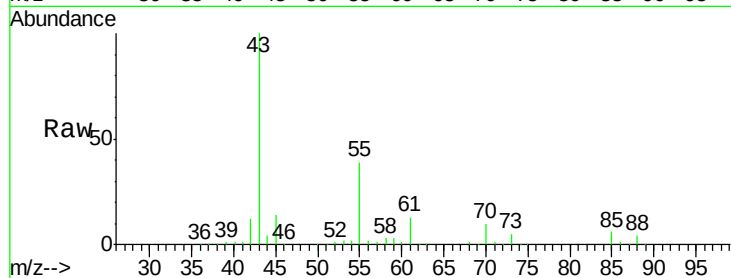
#37
Ethyl Acetate
Concen: 55.63 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.02 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.2	8.0	12.0

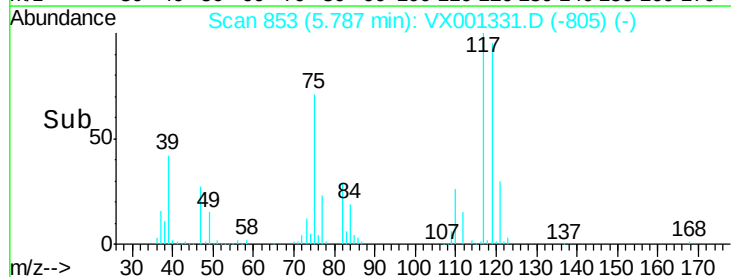
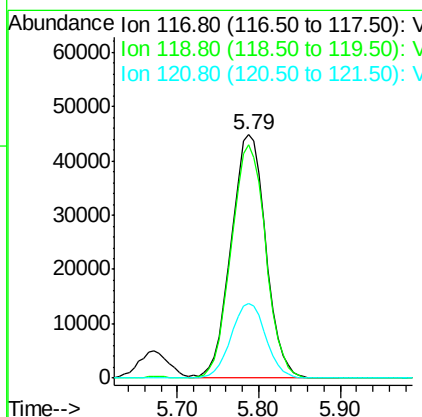
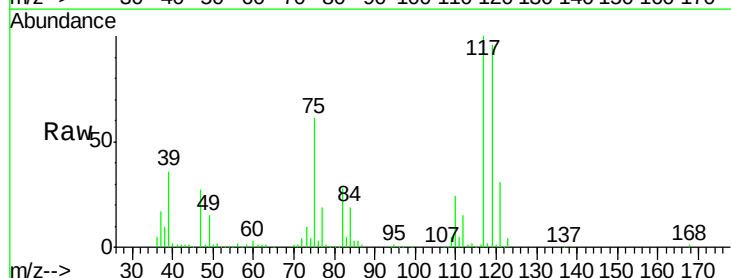
Manual Integrations
APPROVED

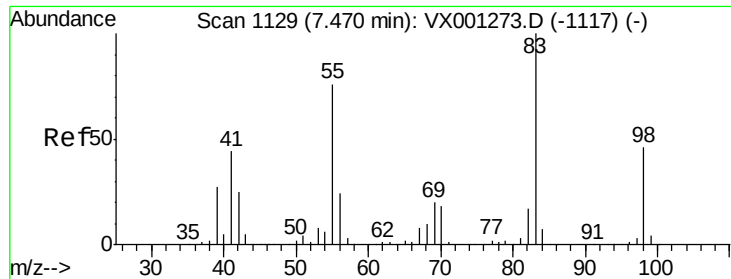
MMDadoda
5/3/2018 12:21:20 PM



#38
Carbon Tetrachloride
Concen: 50.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.4	110.2
121	30.7	25.0	37.4





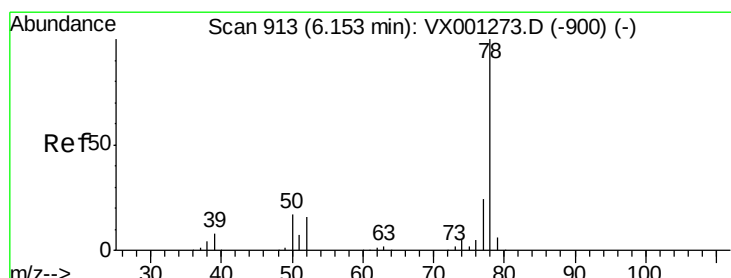
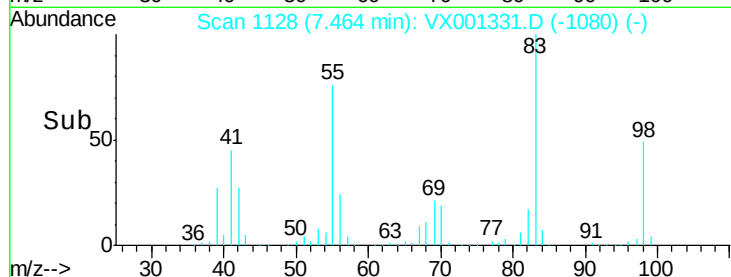
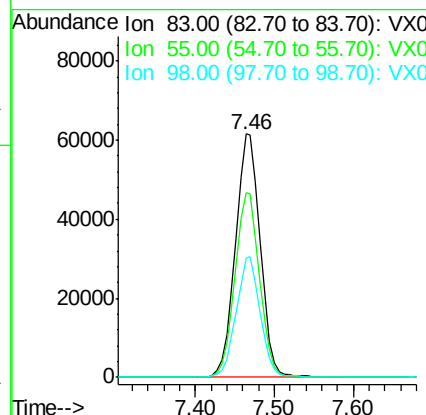
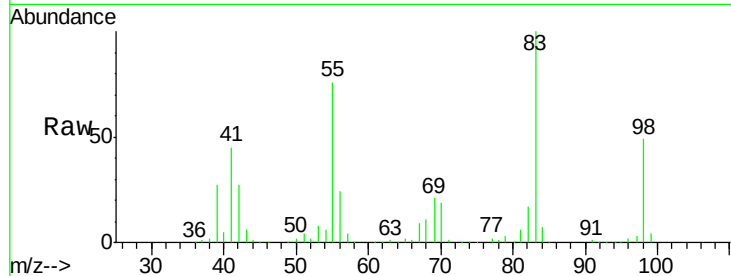
#39
Methylvlcyclohexane
Concen: 45.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	60.4	90.6	
98	49.0	37.0	55.6	

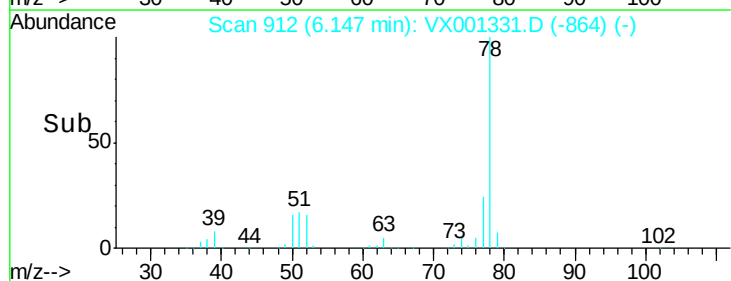
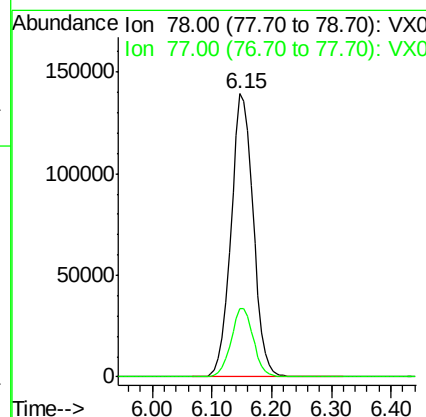
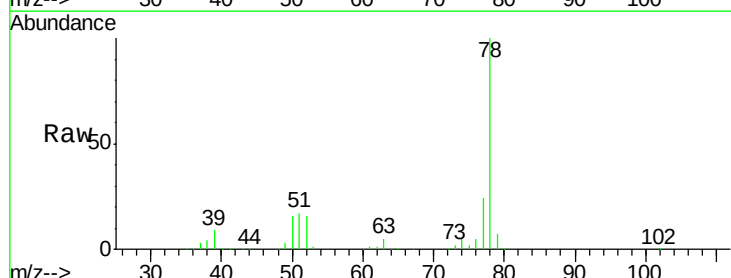
Manual Integrations
APPROVED

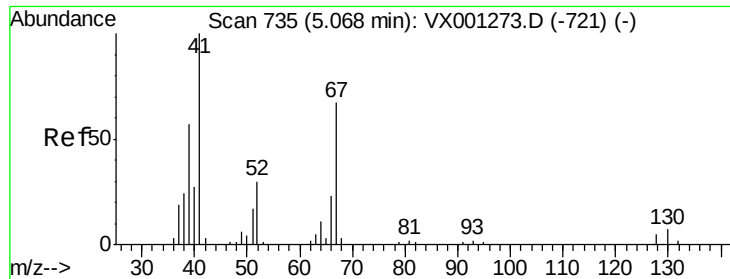
MMDadoda
5/3/2018 12:21:20 PM



#40
Benzene
Concen: 50.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3	19.0	28.4	





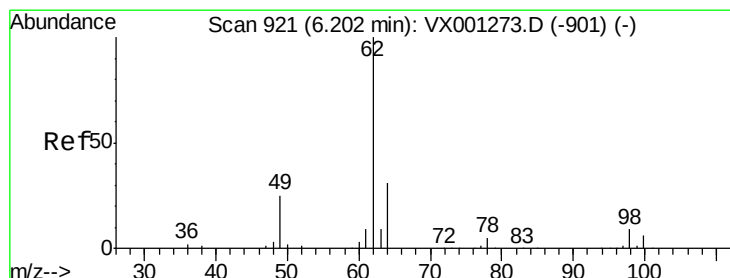
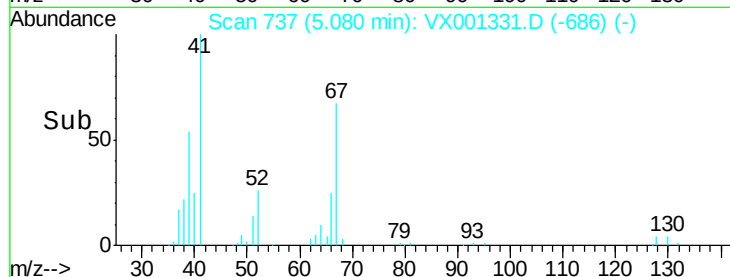
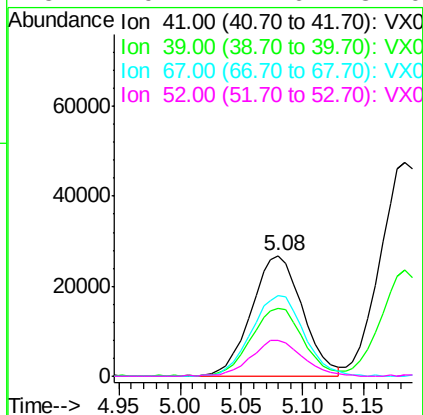
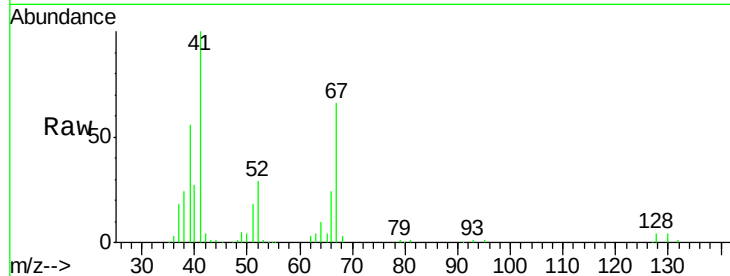
#41
Methacrylonitrile
Concen: 52.53 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	45.8	68.8	
67	69.1	54.8	82.2	
52	29.2	24.6	37.0	

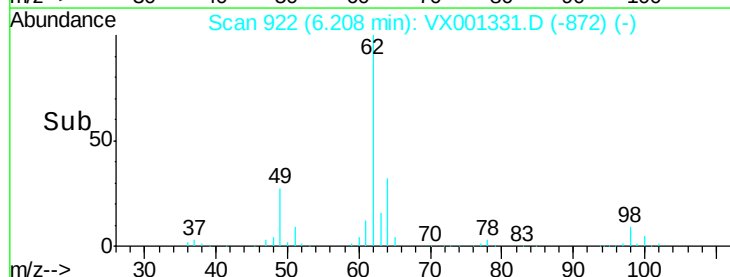
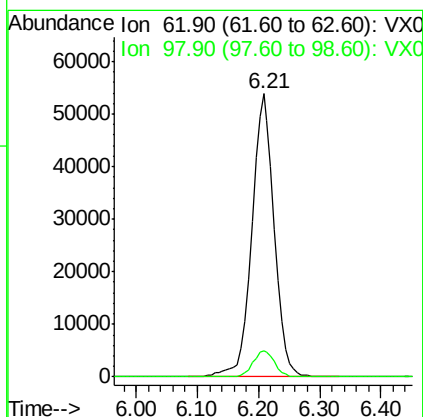
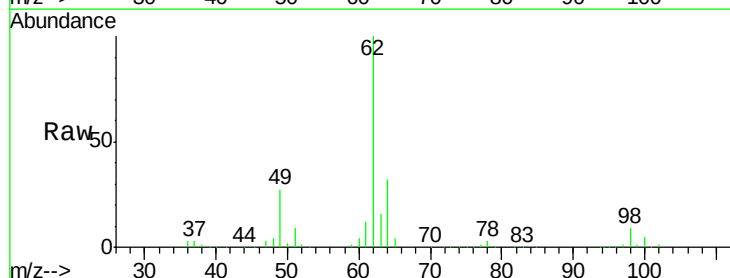
Manual Integrations
APPROVED

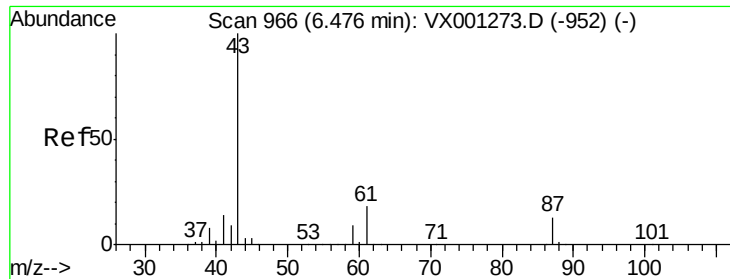
MMDadoda
5/3/2018 12:21:20 PM



#42
1,2-Dichloroethane
Concen: 49.43 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.2	





#43

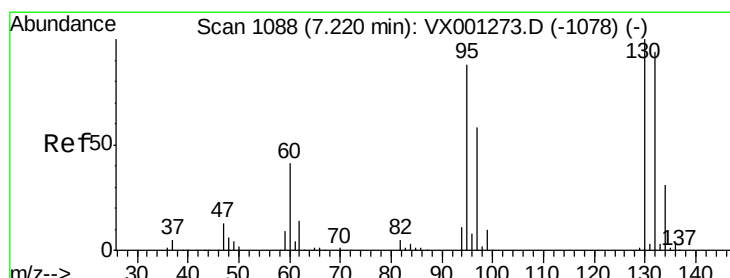
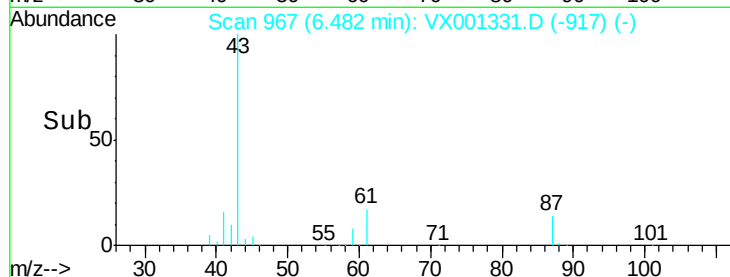
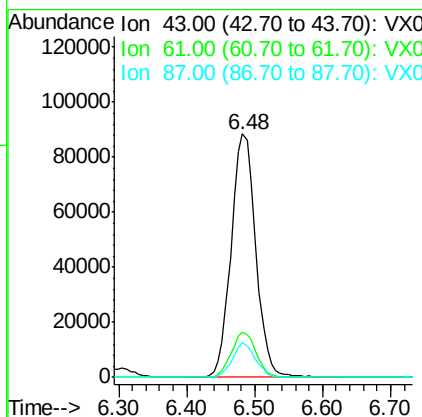
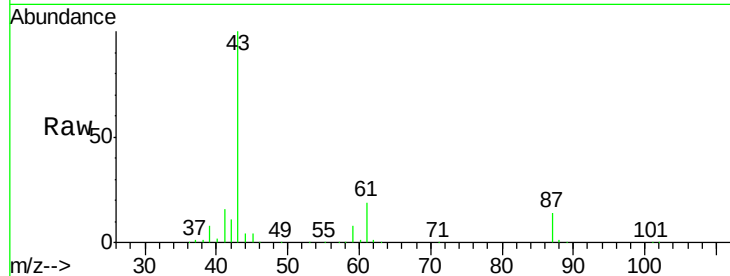
Isopropyl Acetate
 Concen: 54.01 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.4
87	13.3	10.2	15.4

Manual Integrations
 APPROVED

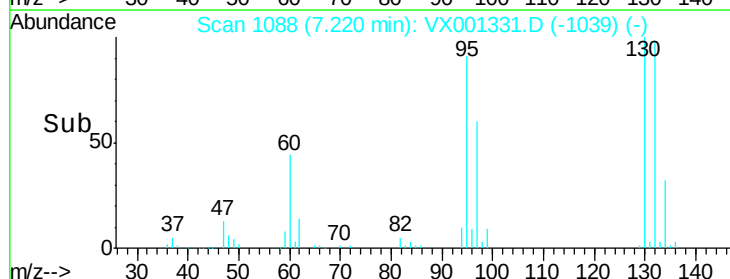
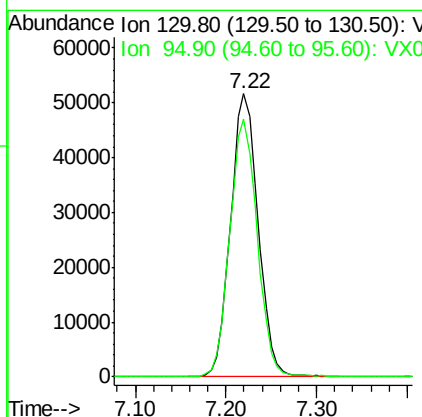
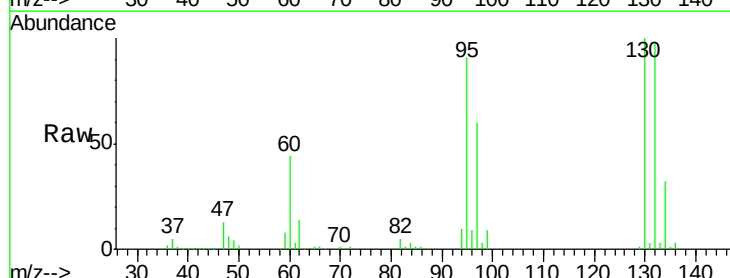
MMDadoda
 5/3/2018 12:21:20 PM

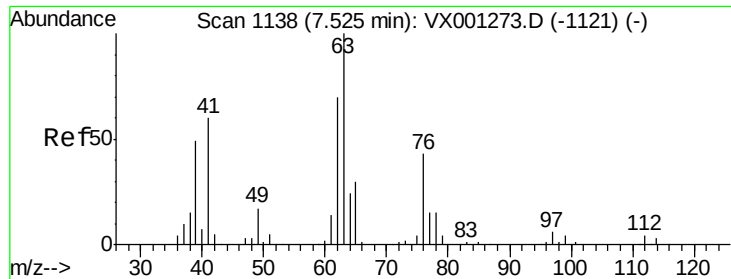


#44

Trichloroethene
 Concen: 49.52 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	176.0





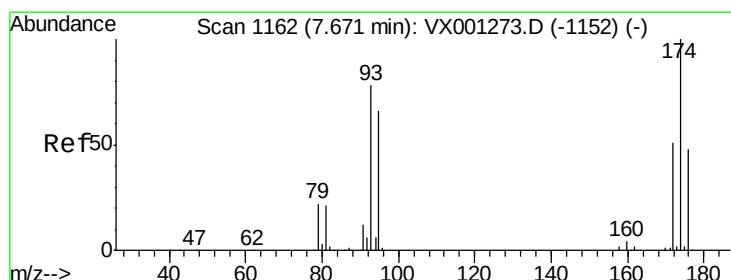
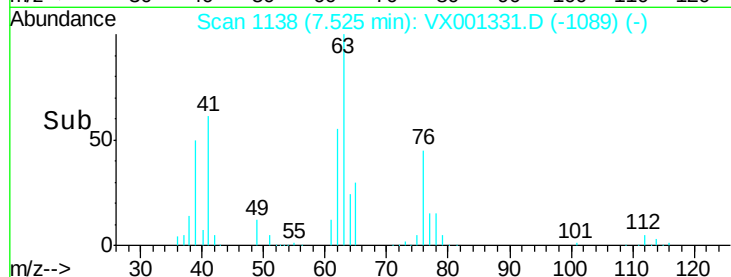
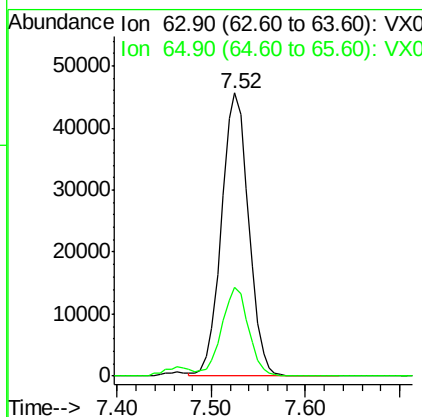
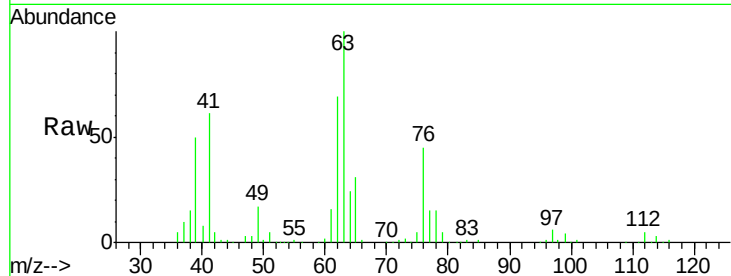
#45
 1,2-Dichloropropane
 Concen: 49.38 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 91435
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.4

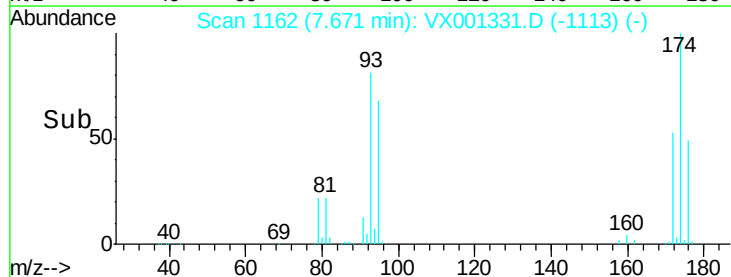
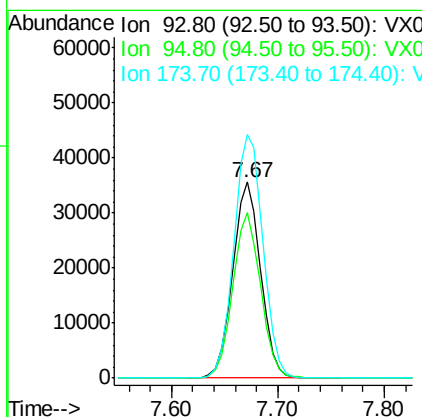
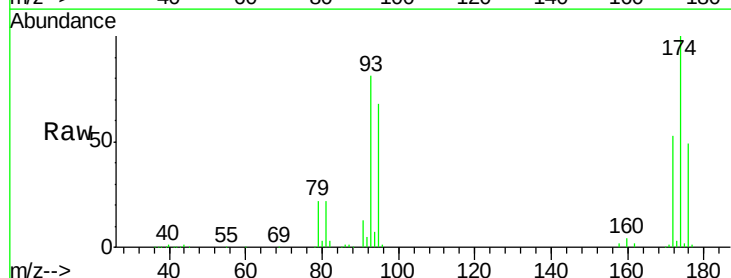
Manual Integrations
 APPROVED

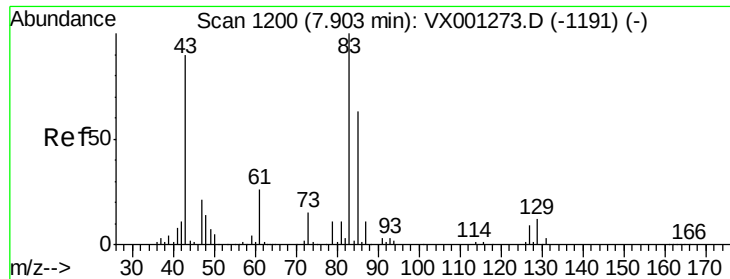
MMDadoda
 5/3/2018 12:21:20 PM



#46
 Dibromomethane
 Concen: 50.62 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 93 Resp: 65695
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 129.4 102.3 153.5





#47

Bromodichloromethane

Concen: 52.47 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

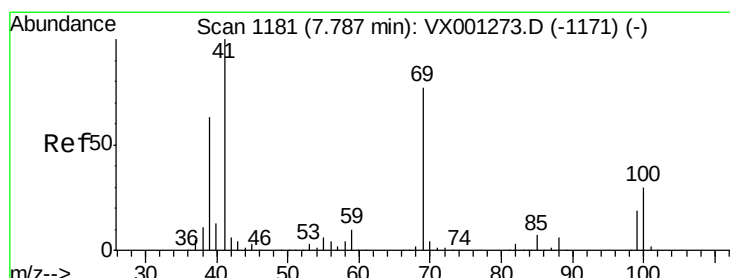
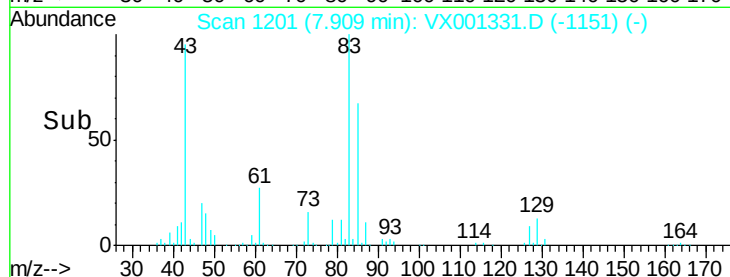
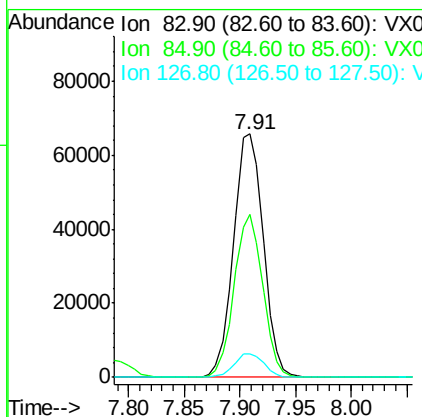
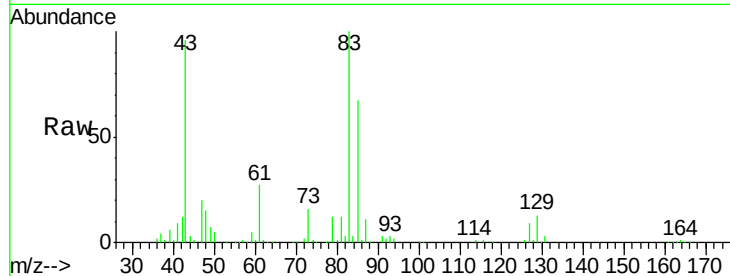
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	121761
Ion Ratio	Lower	Upper	
83	100		
85	67.2	50.3	75.5
127	9.4	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:20 PM



#48

Methyl methacrylate

Concen: 54.18 ug/l

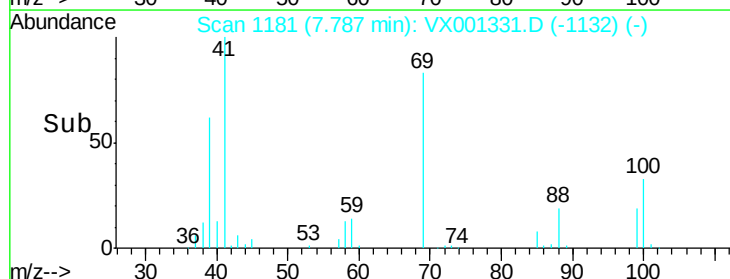
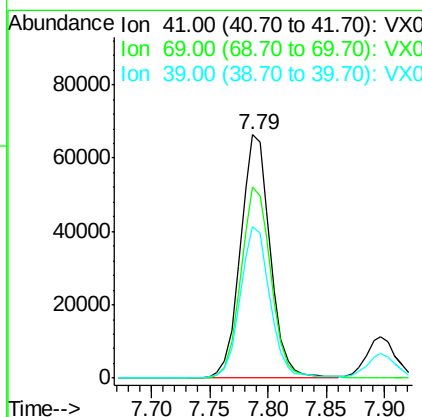
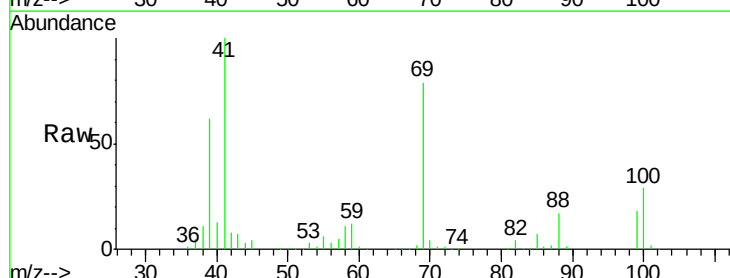
RT: 7.79 min Scan# 1181

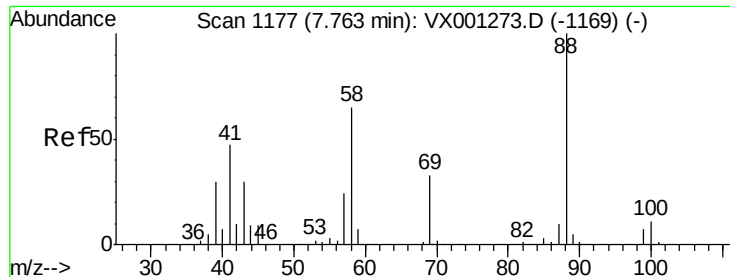
Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion:	41	Resp:	118015
Ion Ratio	Lower	Upper	
41	100		
69	80.0	63.0	94.6
39	62.2	50.2	75.4





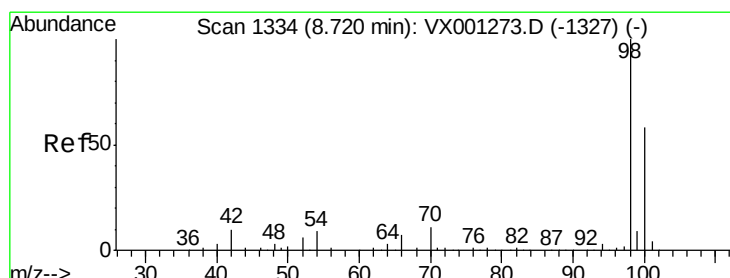
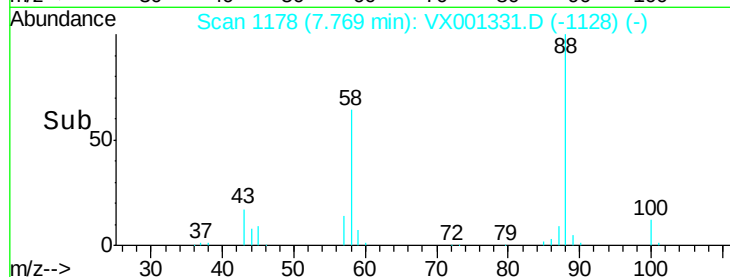
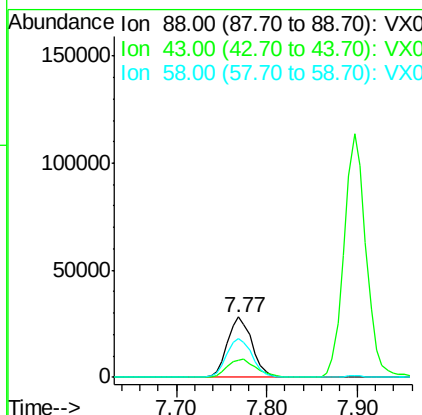
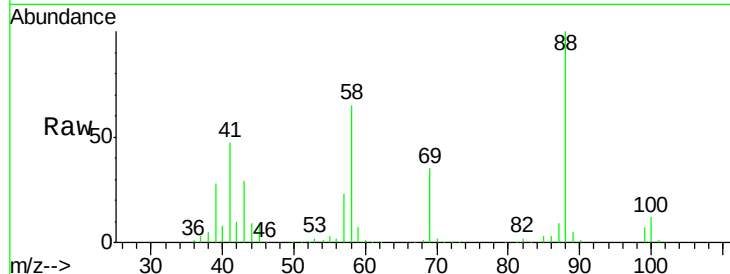
#49
1,4-Dioxane
Concen: 1298.83 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	27.9	41.9
58	67.4	54.2	81.2

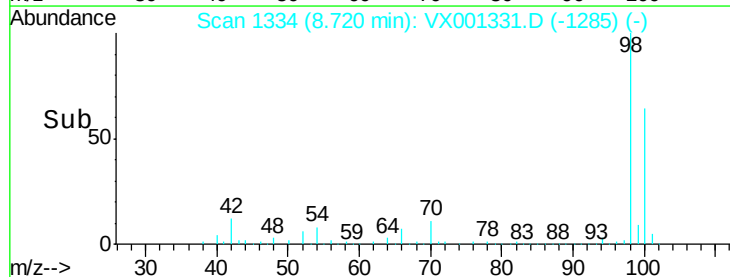
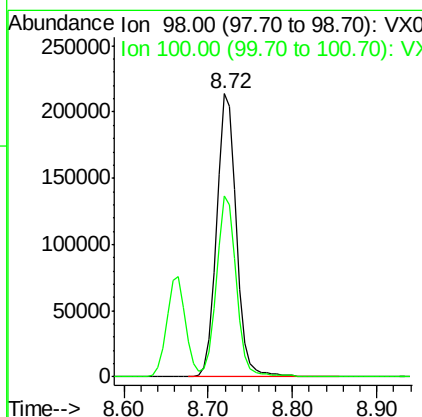
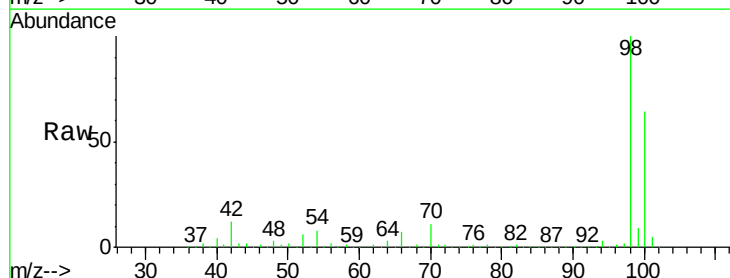
Manual Integrations
APPROVED

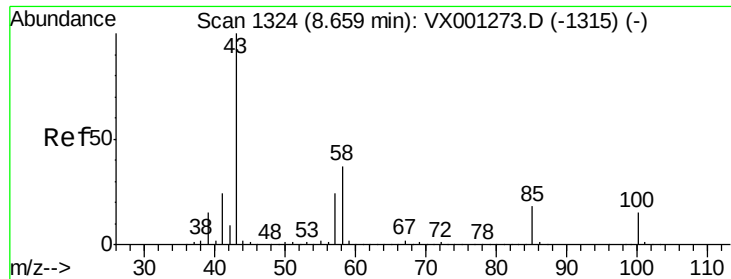
MMDadoda
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#50
Toluene-d8
Concen: 51.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 295.32 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 780098

Ion Ratio Lower Upper

43 100

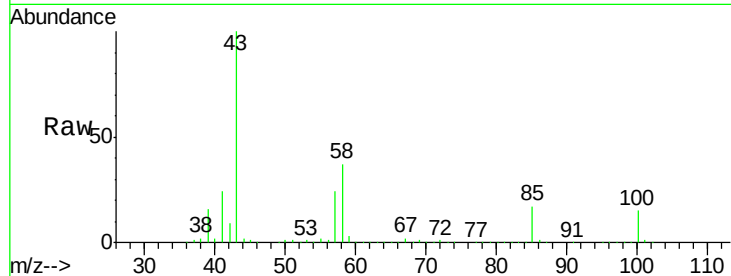
58 36.9 29.0 43.6

Manual Integrations

APPROVED

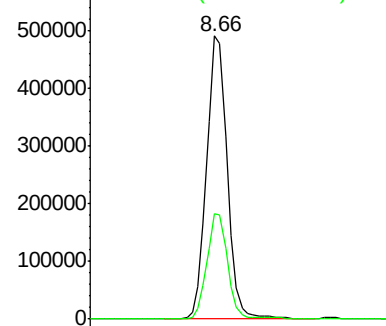
MMDadoda

5/3/2018 12:21:20 PM

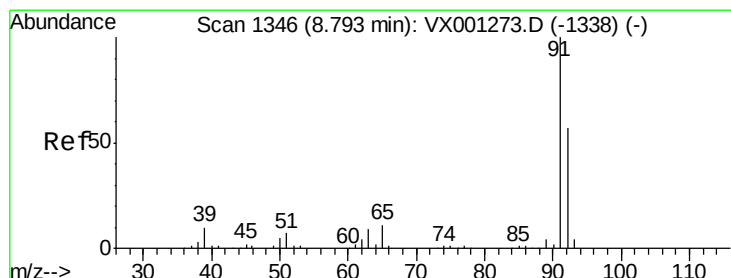
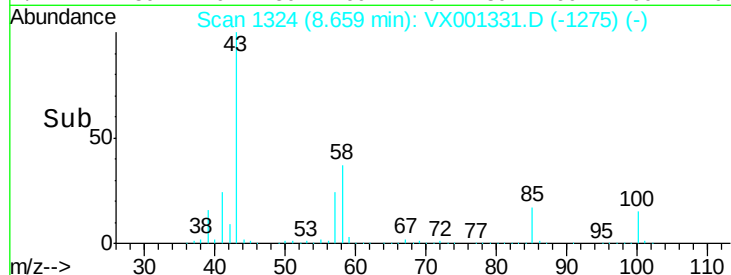


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 50.79 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001331.D

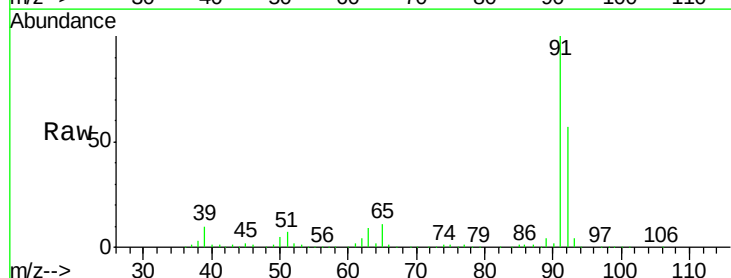
Acq: 02 May 2018 22:03

Tgt Ion: 92 Resp: 239358

Ion Ratio Lower Upper

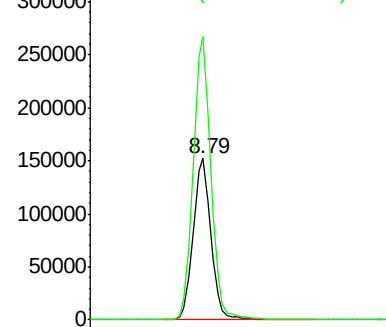
92 100

91 175.1 139.0 208.6

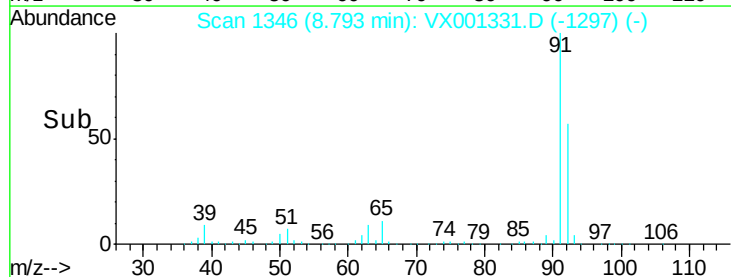


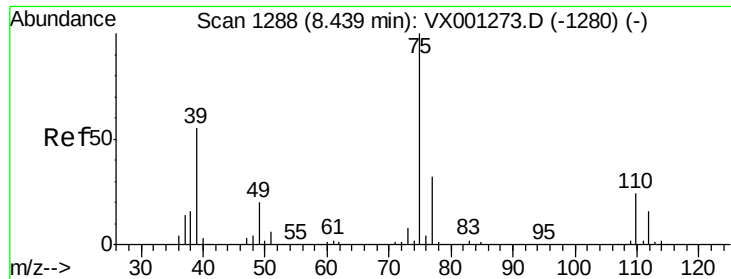
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





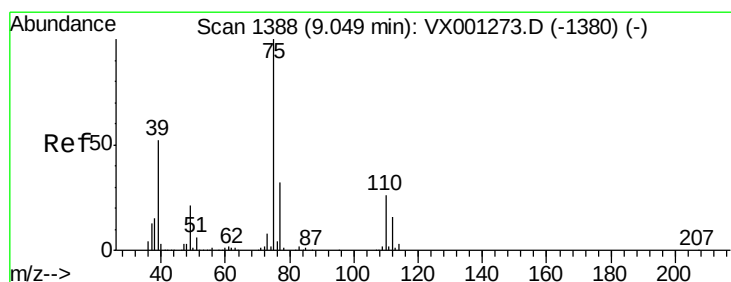
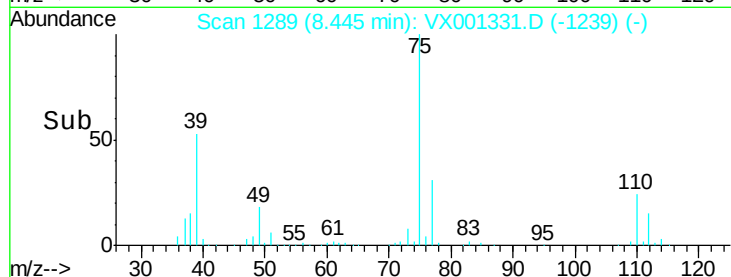
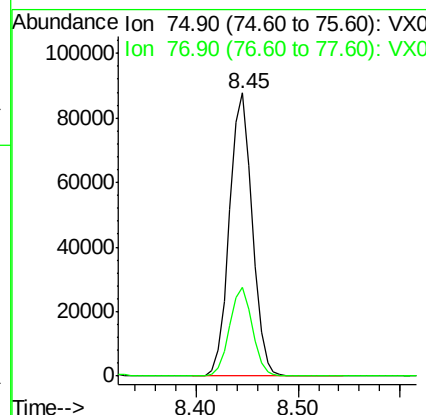
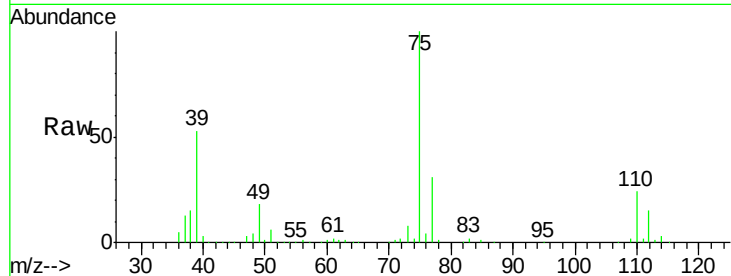
#53
t-1,3-Dichloropropene
Concen: 49.17 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 135700
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

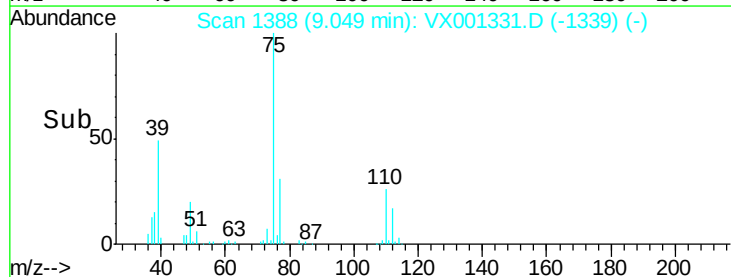
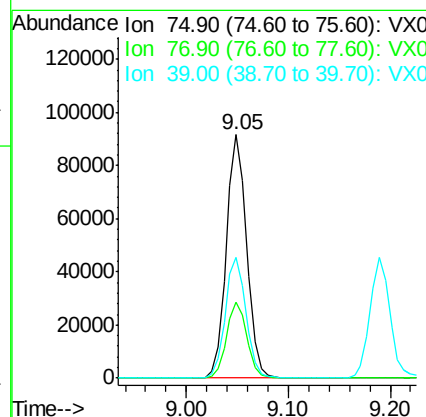
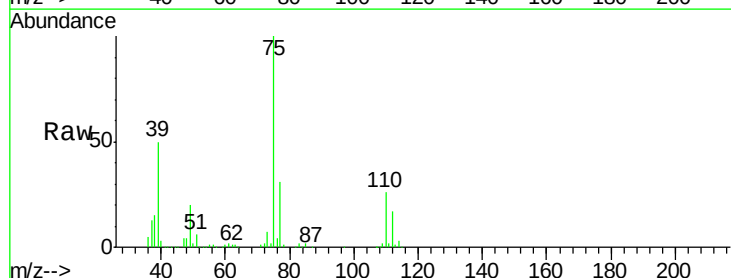
Manual Integrations
APPROVED

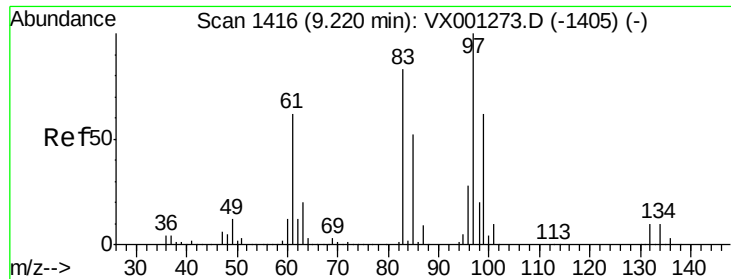
MMDadoda
5/3/2018 12:21:20 PM



#54
cis-1,3-Dichloropropene
Concen: 50.11 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 75 Resp: 127219
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 49.7 41.9 62.9





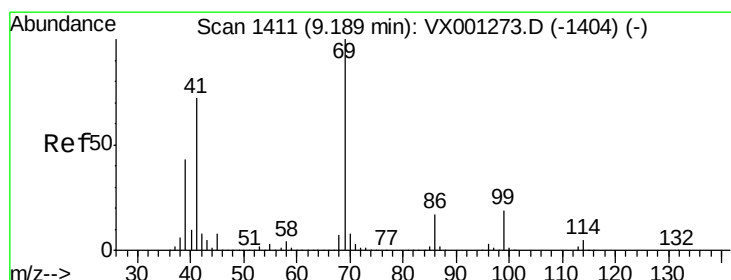
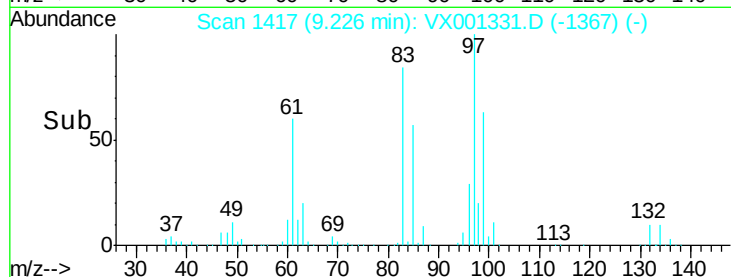
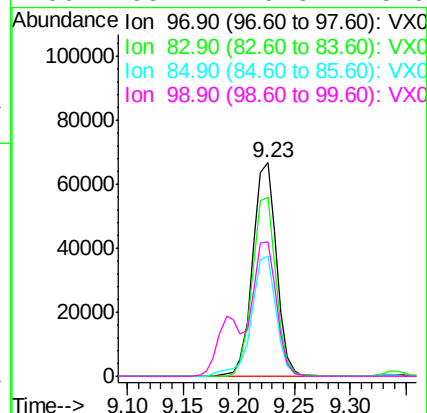
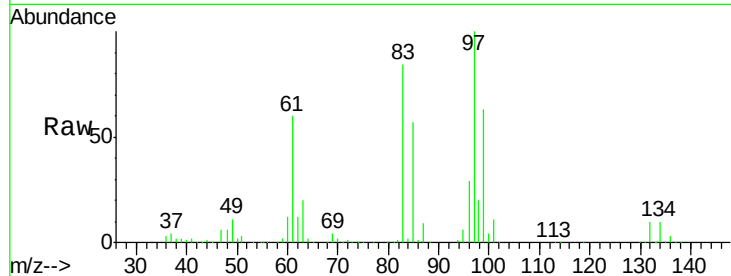
#55
 1,1,2-Trichloroethane
 Concen: 52.13 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		99240		
83	84.0	66.4	99.6		
85	56.6	41.6	62.4		
99	63.1	49.3	73.9		

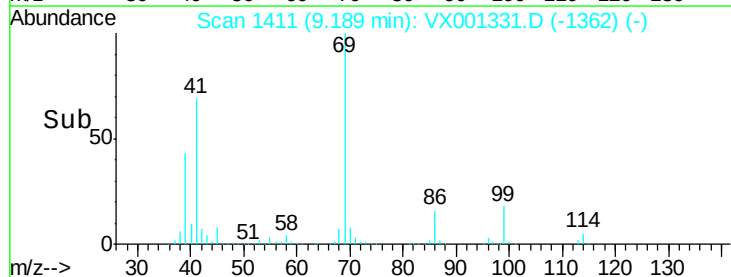
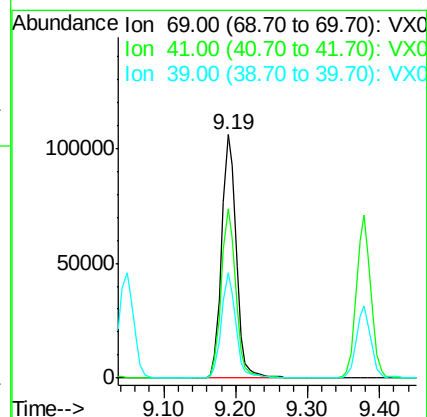
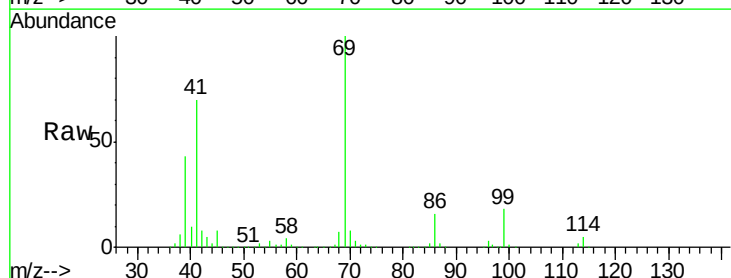
Manual Integrations
 APPROVED

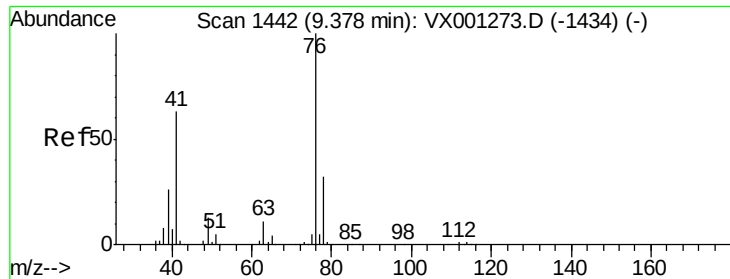
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 5/3/2018 12:21:20 PM



#56
 Ethyl methacrylate
 Concen: 56.39 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		148753		
41	69.0	57.2	85.8		
39	42.3	34.3	51.5		





#57

1,3-Dichloropropane

Concen: 52.21 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 159893

Ion Ratio Lower Upper

76 100

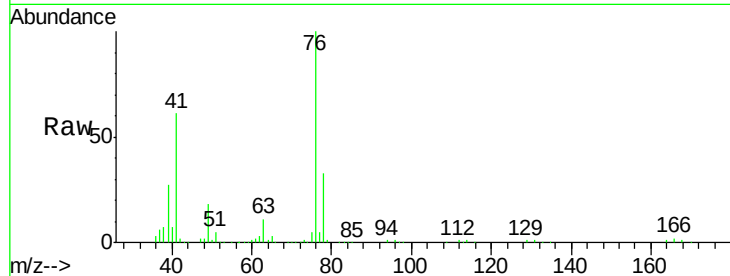
78 32.5 25.6 38.4

Manual Integrations

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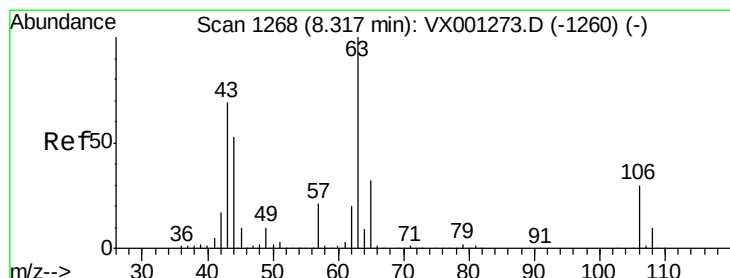
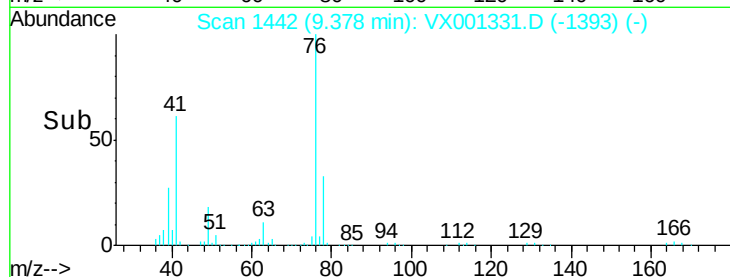
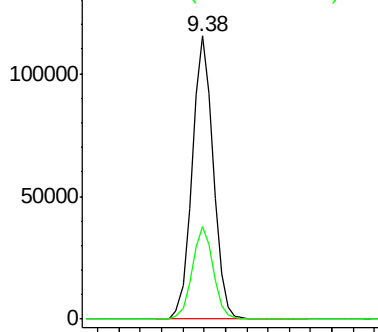
MMDadoda

5/3/2018 12:21:20 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: 280.81 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001331.D

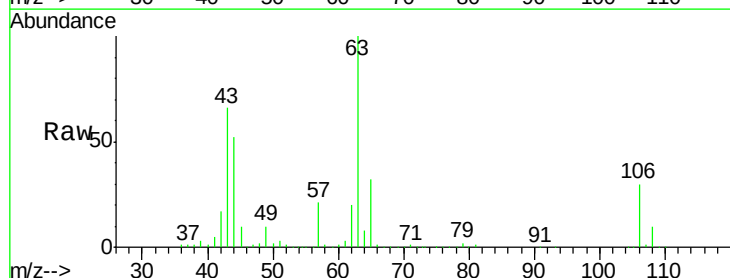
Acq: 02 May 2018 22:03

Tgt Ion: 63 Resp: 357385

Ion Ratio Lower Upper

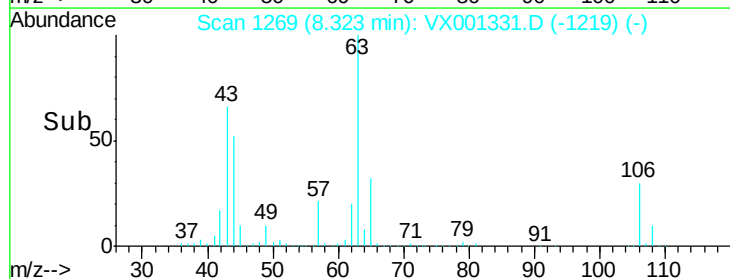
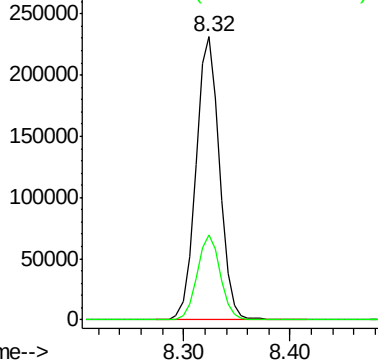
63 100

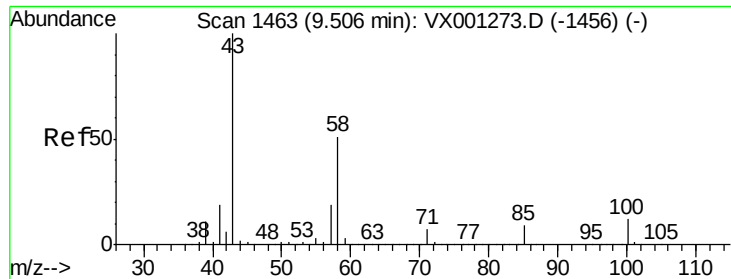
106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





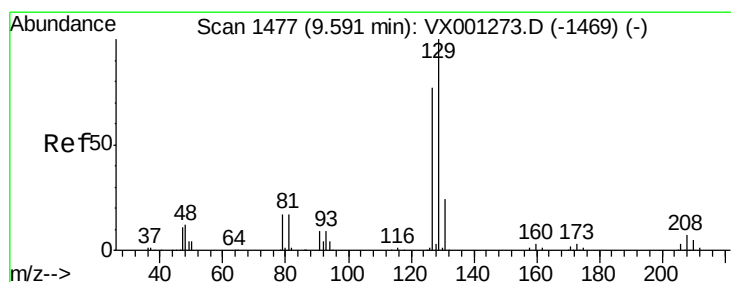
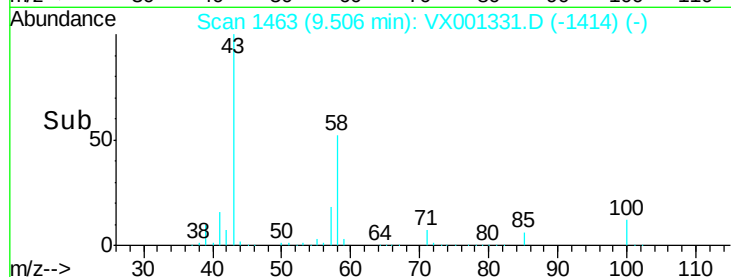
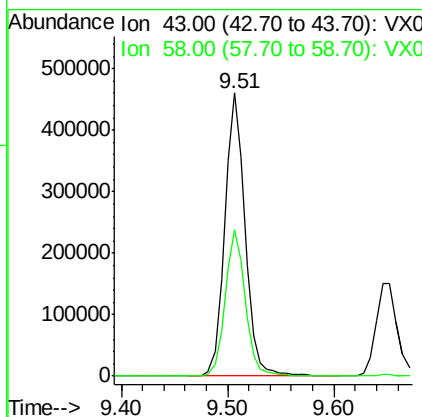
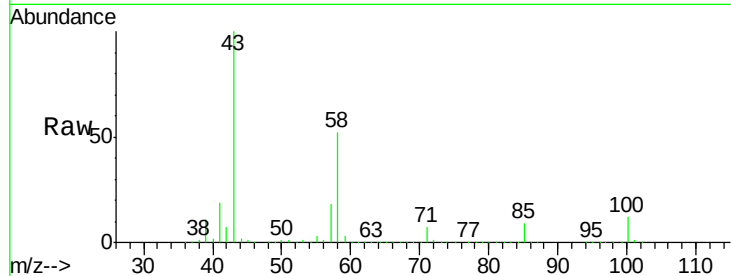
#59
2-Hexanone
Concen: 298.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 615272
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0

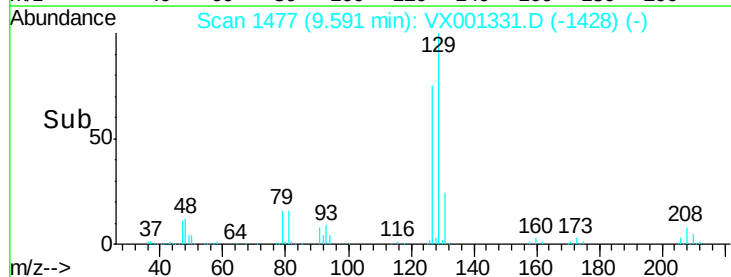
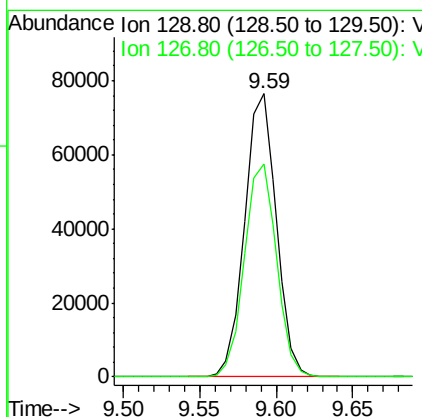
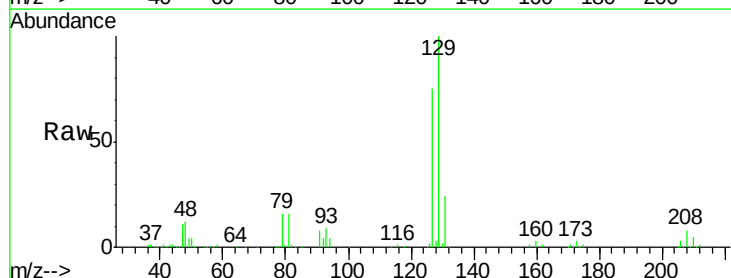
Manual Integrations
APPROVED

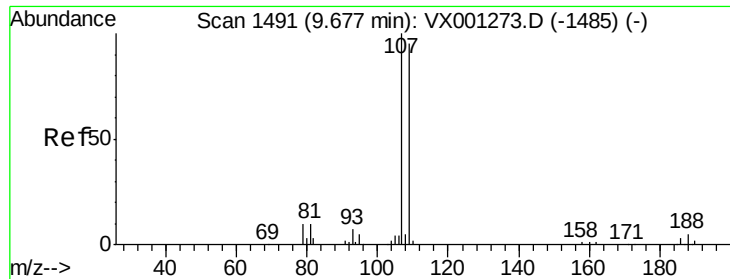
MMDadoda
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#60
Dibromochloromethane
Concen: 55.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 129 Resp: 110073
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 53.84 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 108644

Ion Ratio Lower Upper

107 100

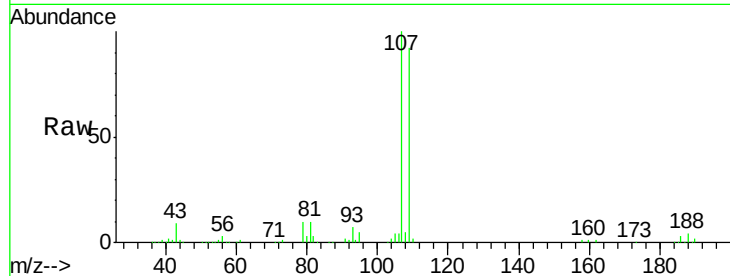
109 93.6 75.4 113.2

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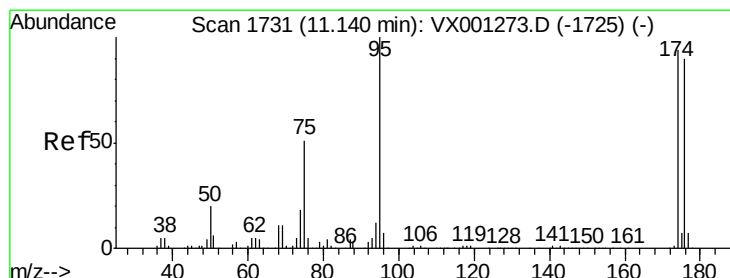
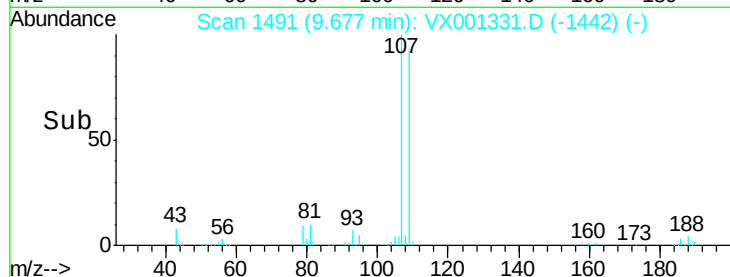
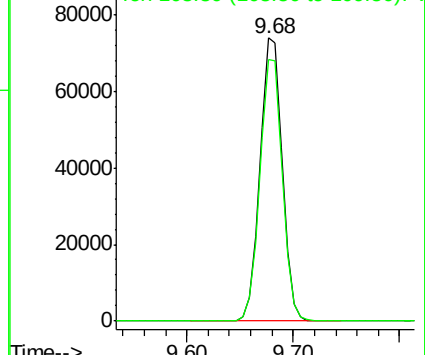
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.20 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

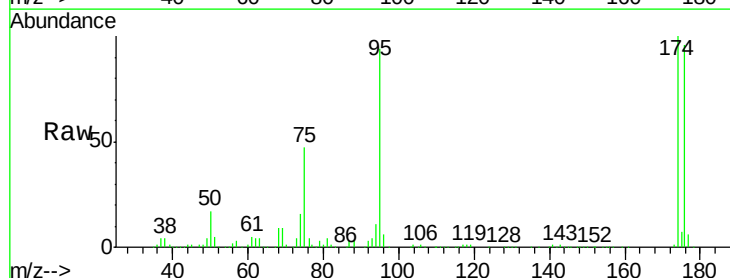
Tgt Ion: 95 Resp: 131533

Ion Ratio Lower Upper

95 100

174 104.3 0.0 201.8

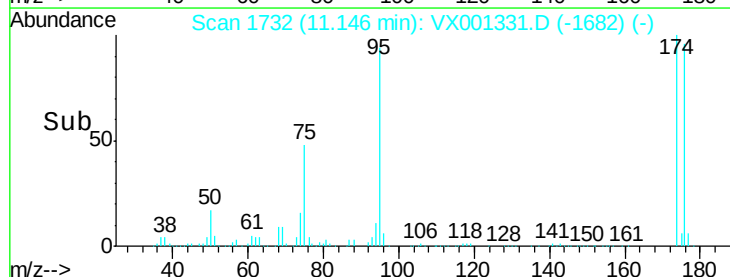
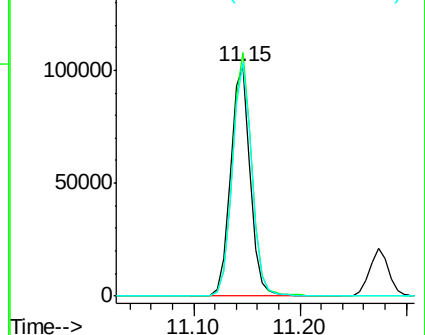
176 101.1 0.0 197.2

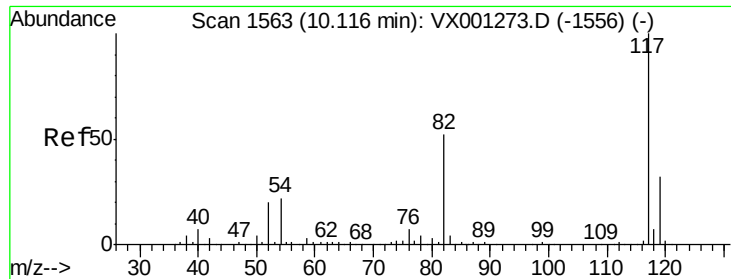


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





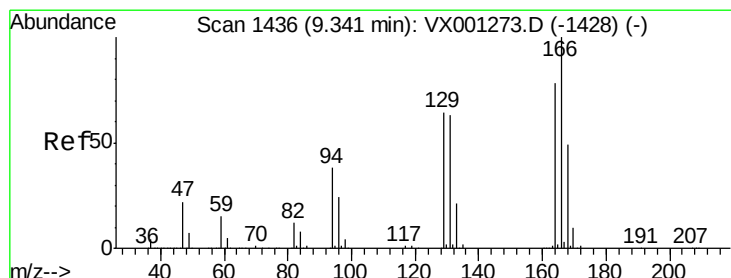
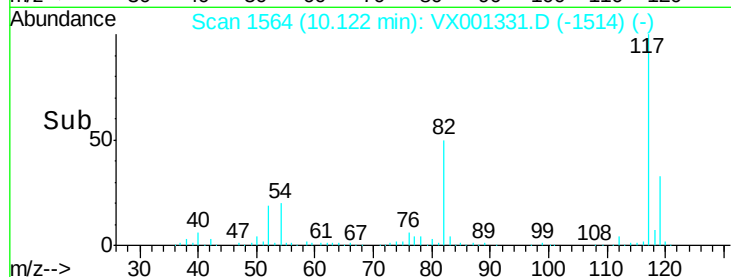
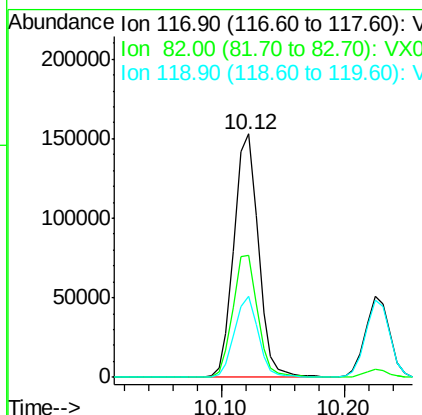
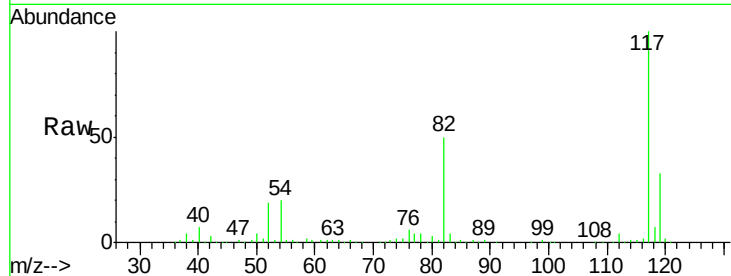
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.4	62.0
119	33.0	25.5	38.3

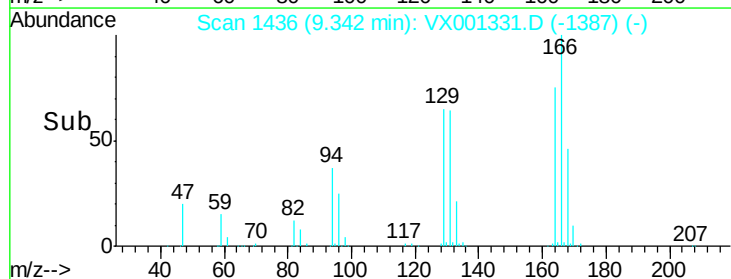
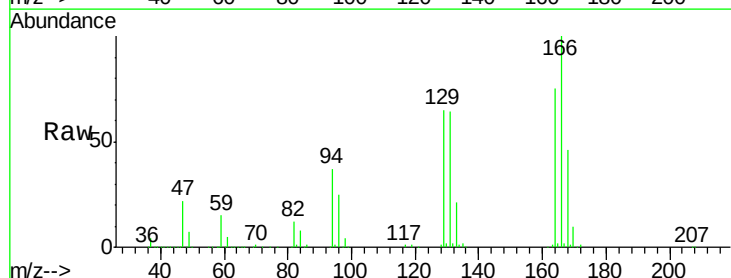
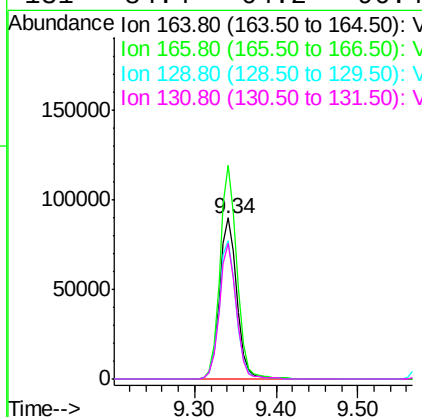
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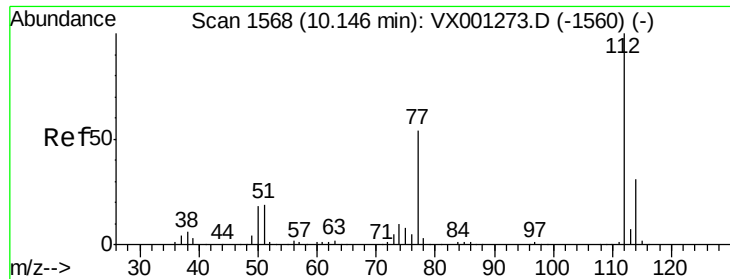
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#64
Tetrachloroethene
Concen: 52.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	102.3	153.5
129	86.1	65.1	97.7
131	84.4	64.2	96.4





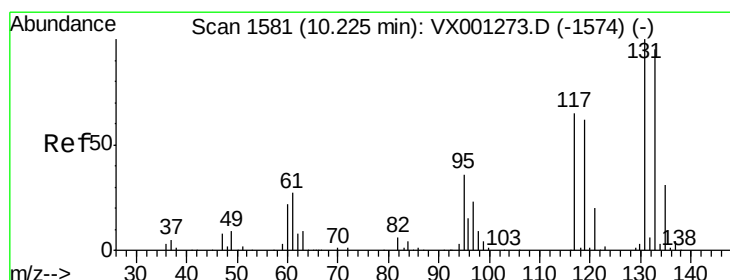
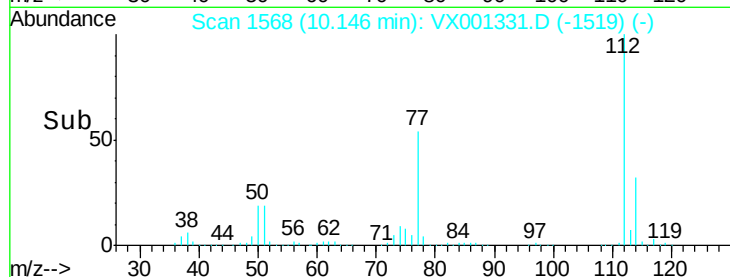
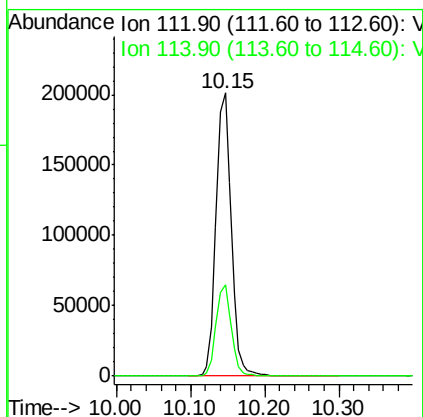
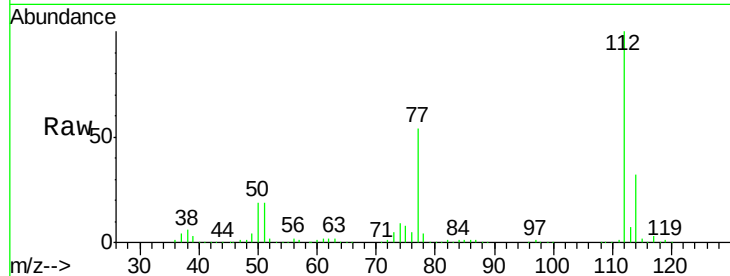
#65
Chlorobenzene
Concen: 49.12 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 283440
Ion Ratio Lower Upper
112 100
114 32.3 24.8 37.2

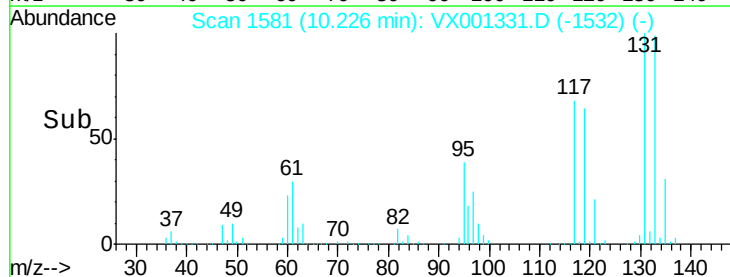
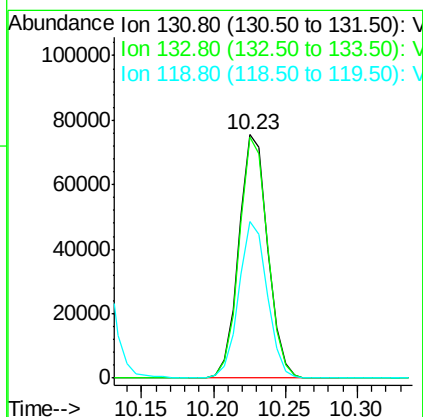
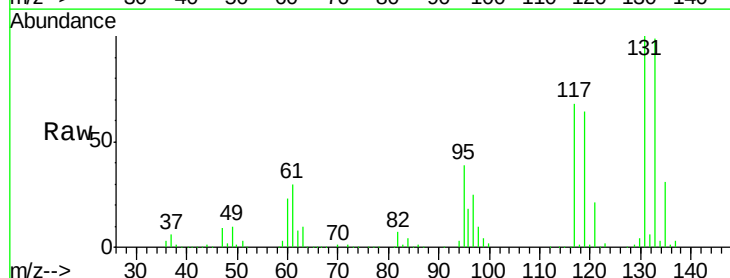
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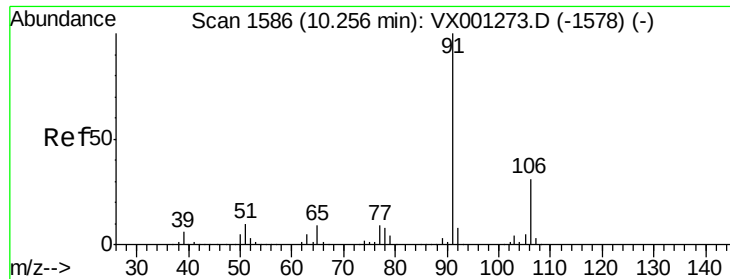
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.38 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion:131 Resp: 104910
Ion Ratio Lower Upper
131 100
133 97.6 48.3 144.9
119 63.2 31.2 93.6





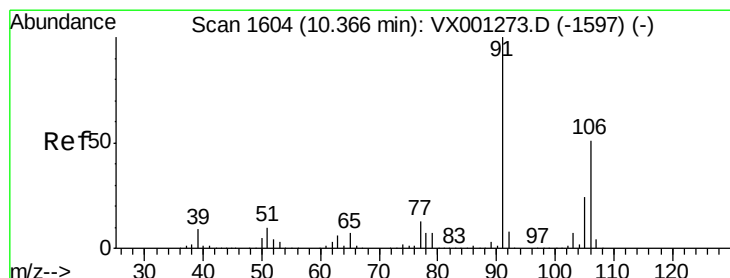
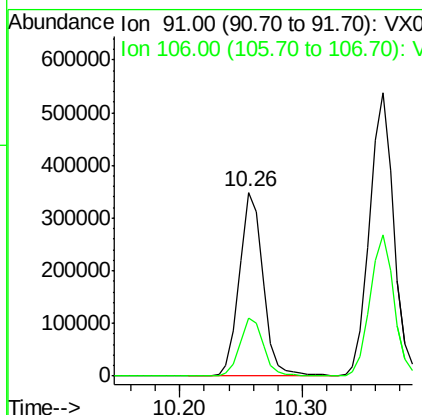
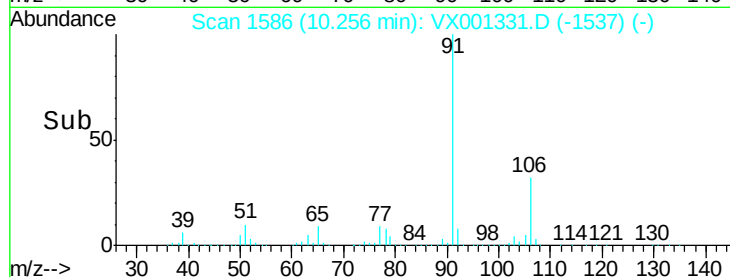
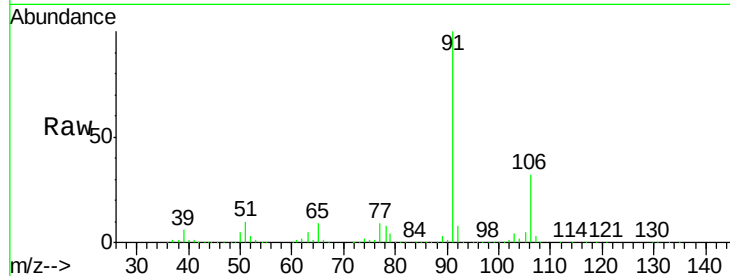
#67
Ethyl Benzene
Concen: 49.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 467553
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

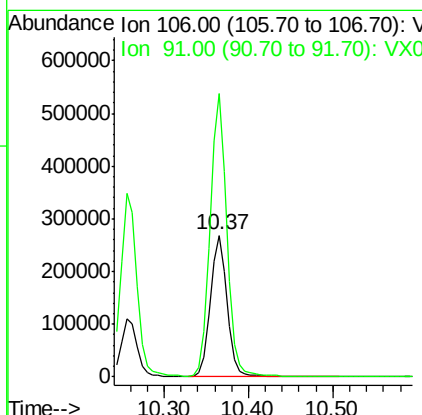
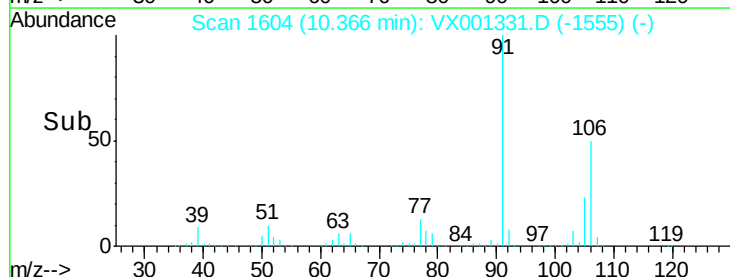
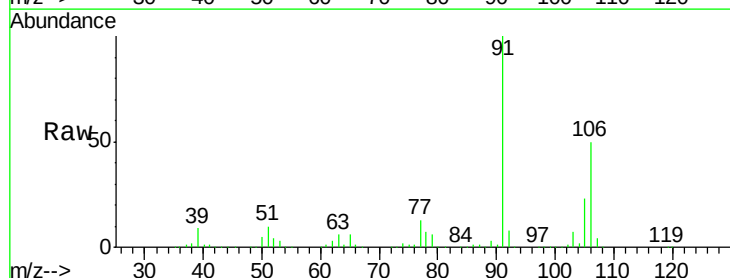
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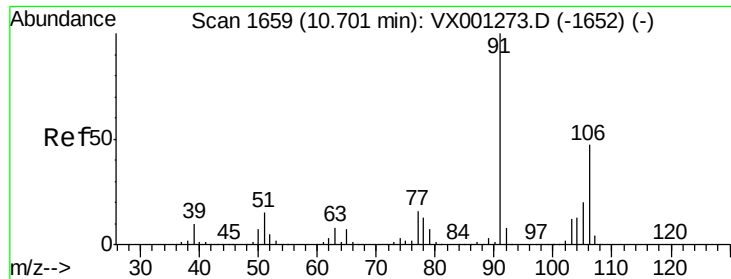
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#68
m/p-Xylenes
Concen: 99.50 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 106 Resp: 372268
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.2





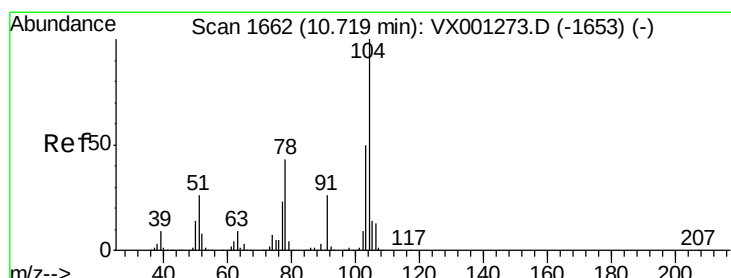
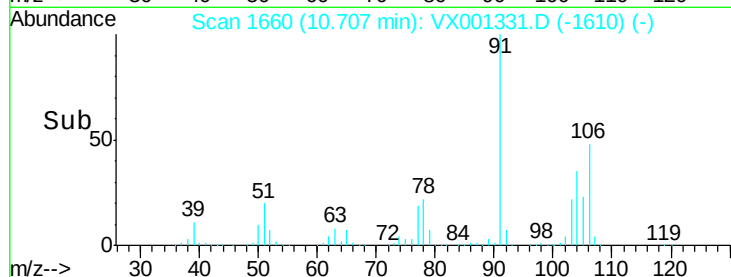
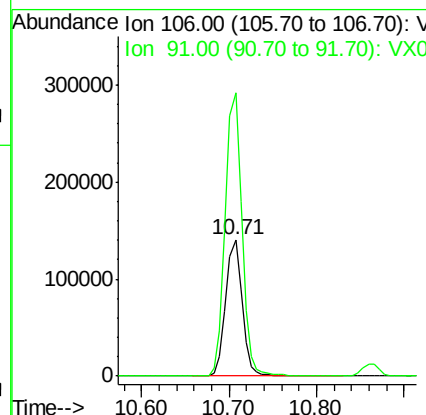
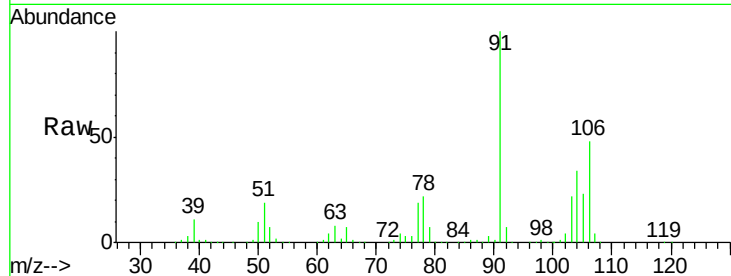
#69
o-Xylene
Concen: 50.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	106.3	319.0

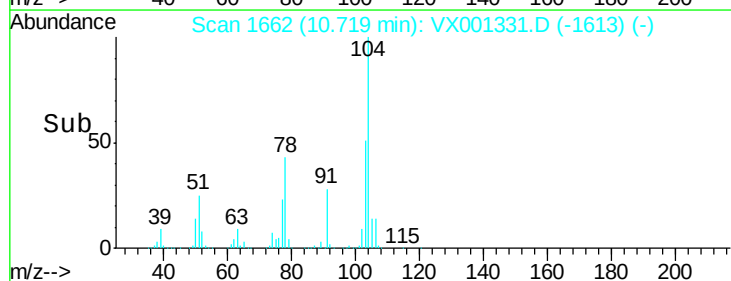
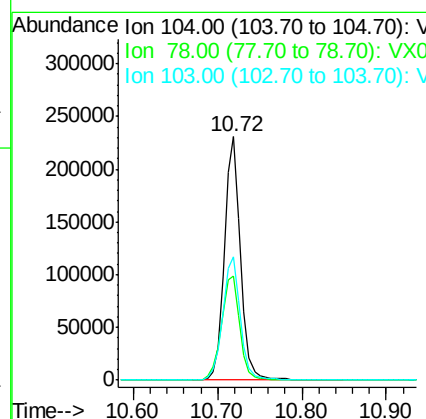
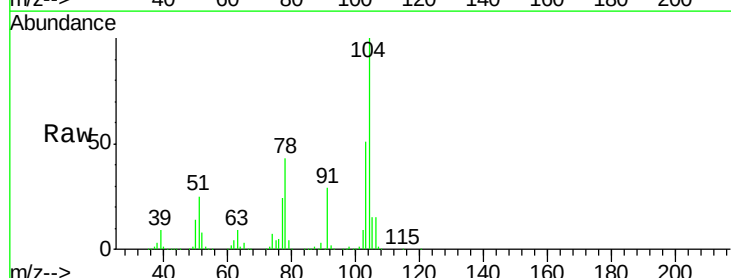
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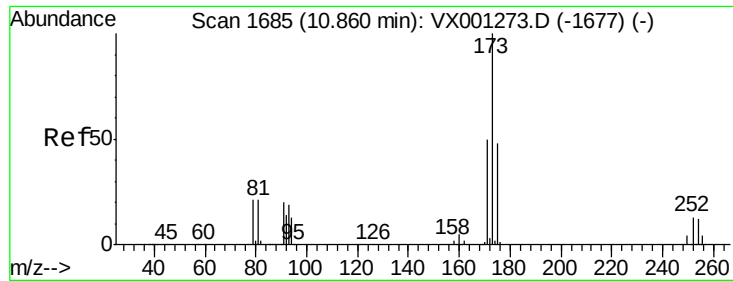
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#70
Styrene
Concen: 51.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.1	60.1
103	55.7	44.5	66.7





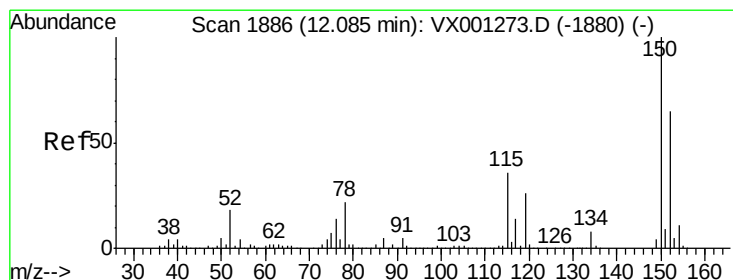
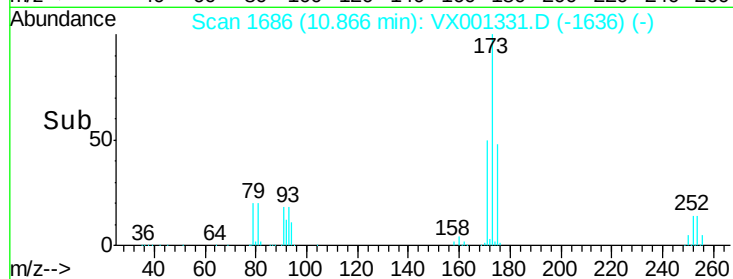
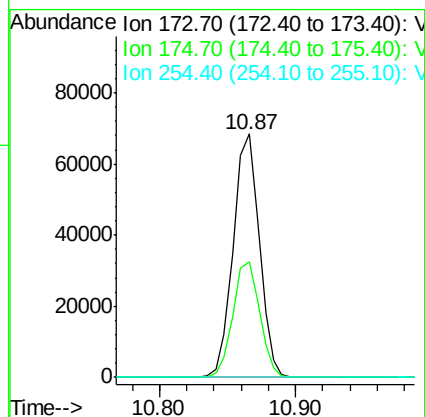
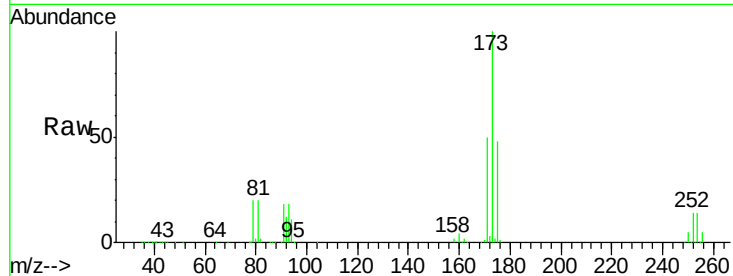
#71
Bromoform
Concen: 47.70 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	74.0
254	0.2	0.2	0.2

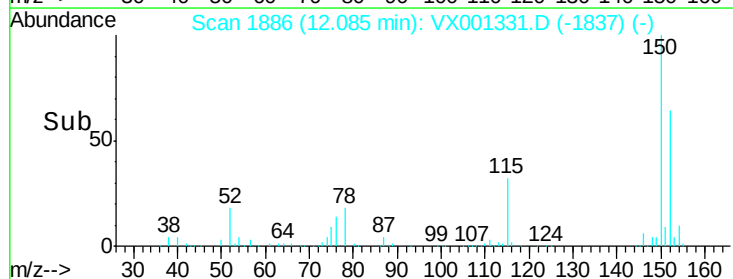
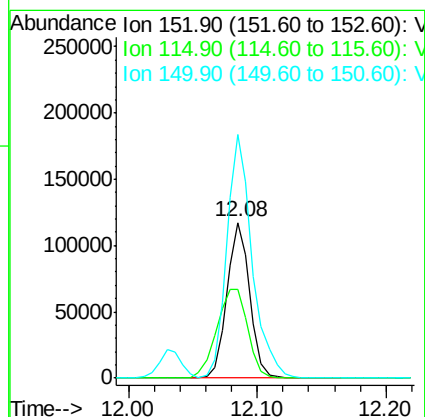
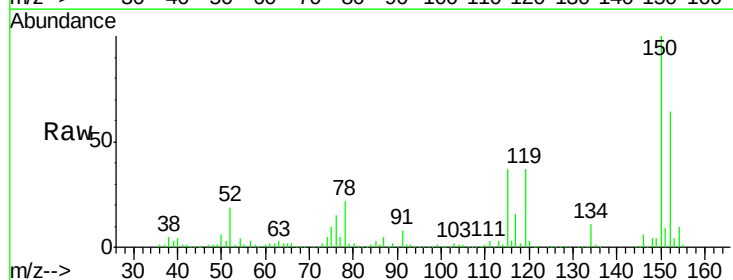
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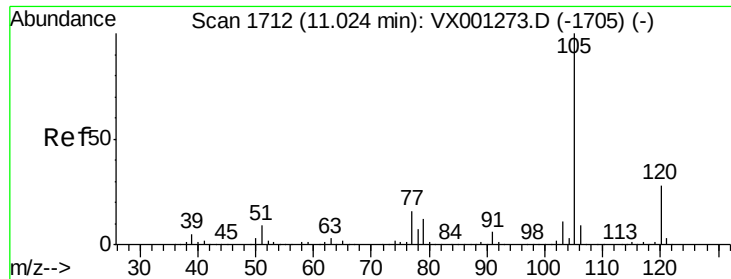
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	38.6	115.7
150	174.8	0.0	349.2





#73

Isopropylbenzene

Concen: 50.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 489119

Ion Ratio Lower Upper

105 100

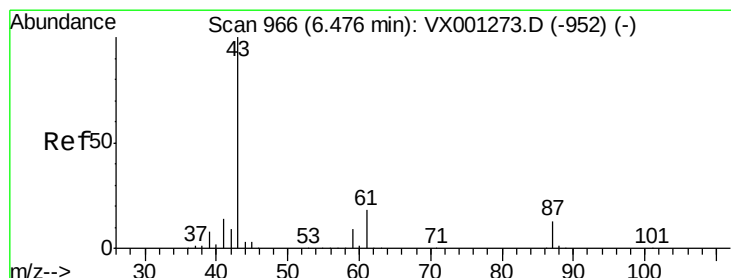
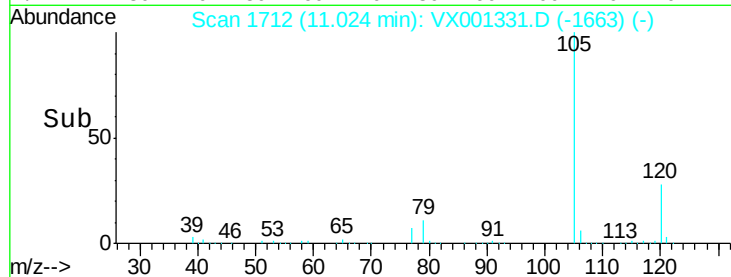
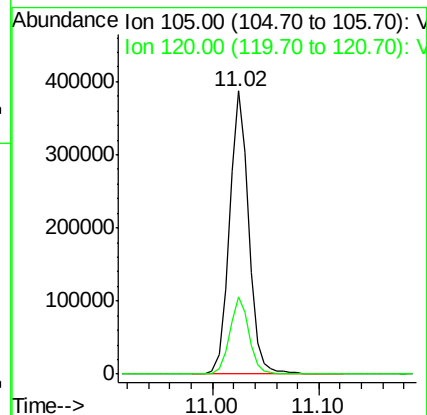
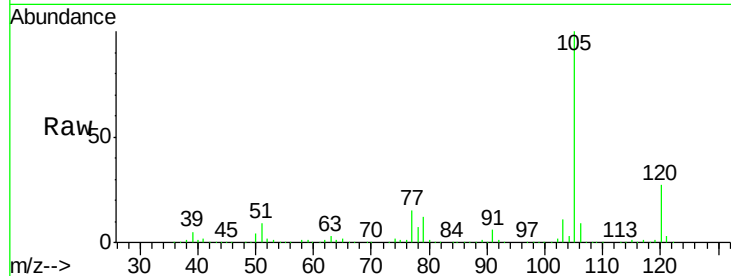
120 27.3 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.20 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion: 43 Resp: 221316

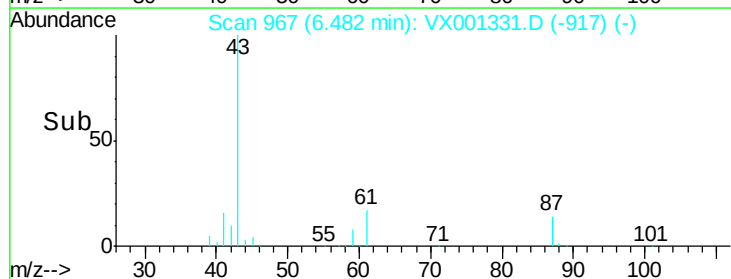
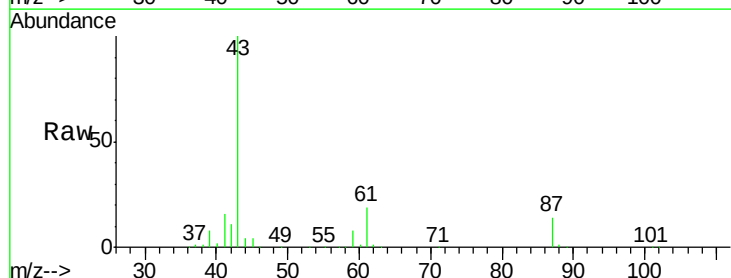
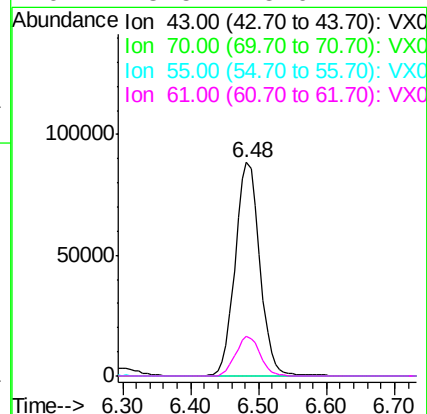
Ion Ratio Lower Upper

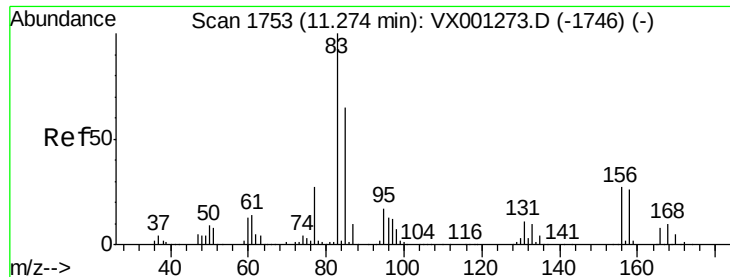
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.5 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.00 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

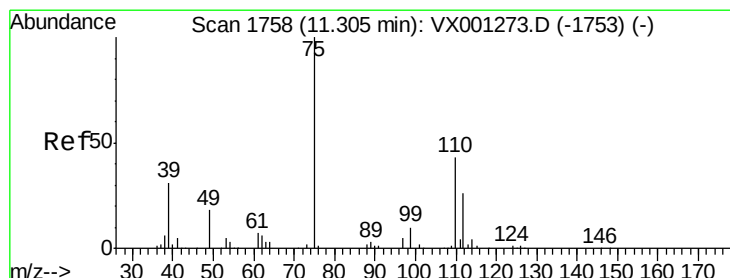
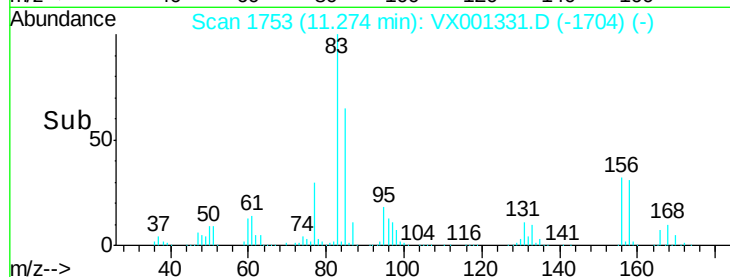
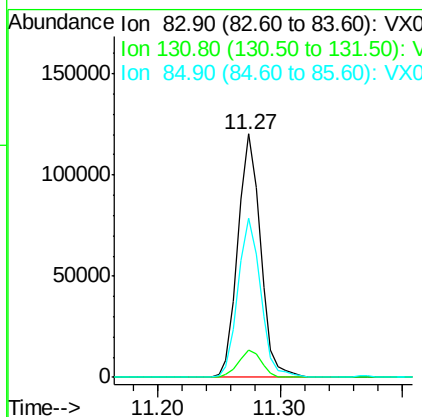
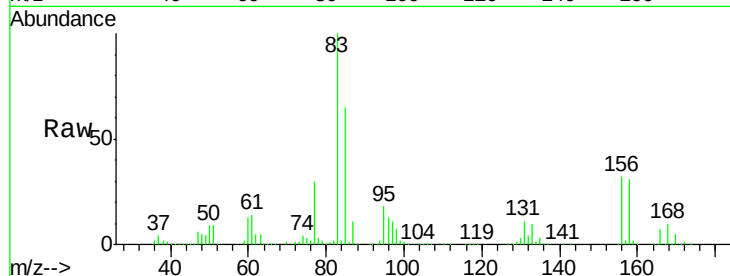
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	153998
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.3
85	65.6	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 54.43 ug/l m

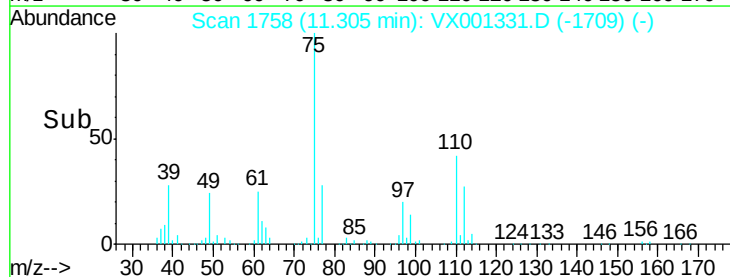
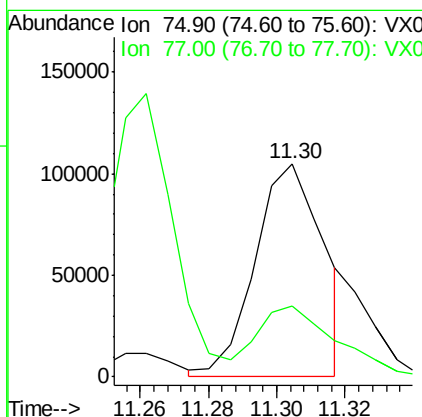
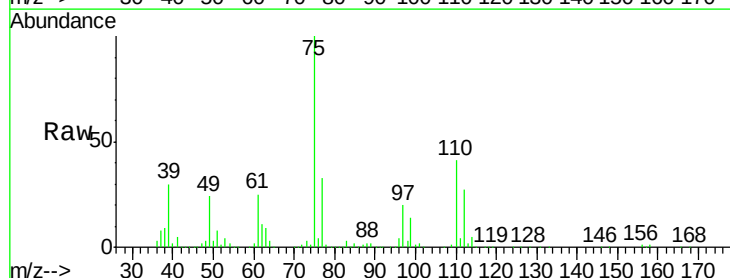
RT: 11.30 min Scan# 1758

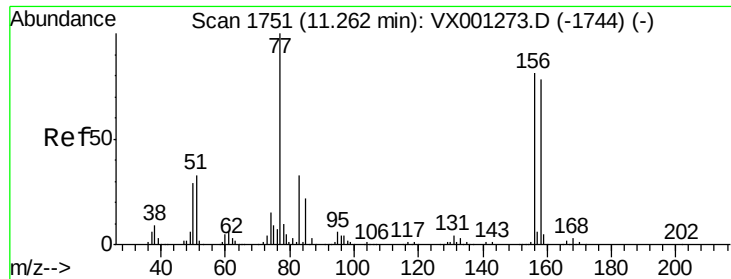
Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion:	75	Resp:	145894
Ion Ratio	Lower	Upper	
75	100		
77	38.6	18.9	56.5





#77

Bromobenzene

Concen: 51.16 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

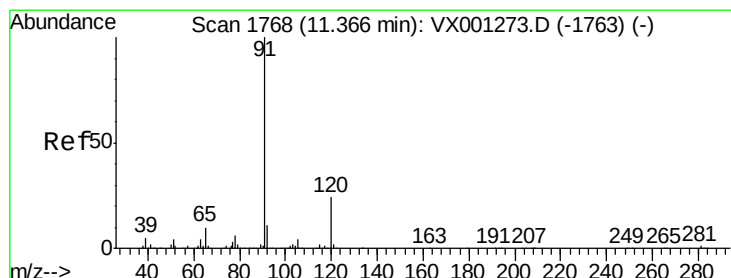
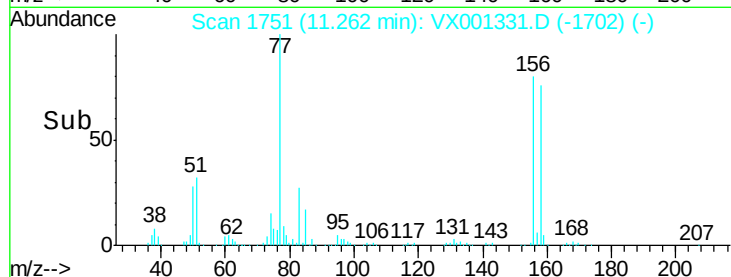
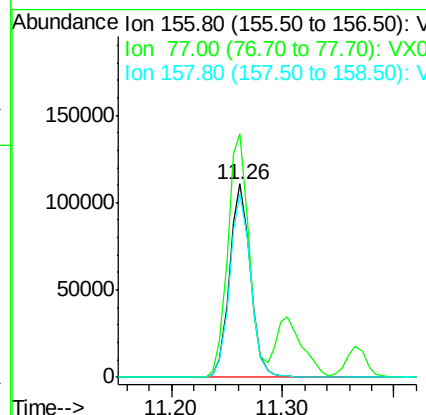
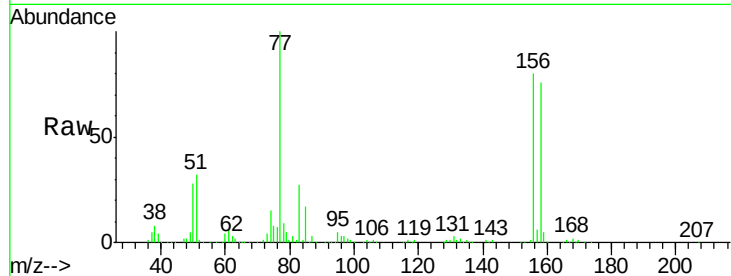
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.9	65.3	195.8
158	96.2	48.5	145.5

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#78

n-propylbenzene

Concen: 50.33 ug/l

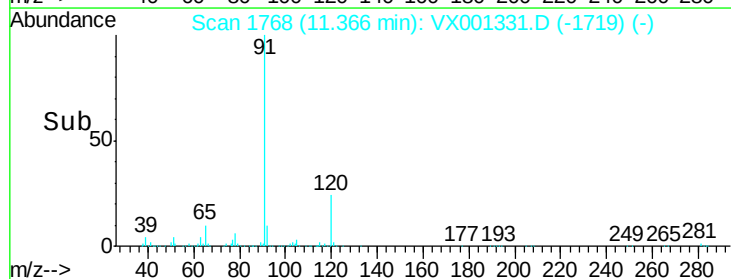
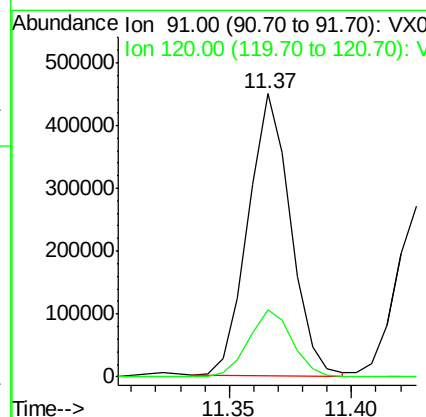
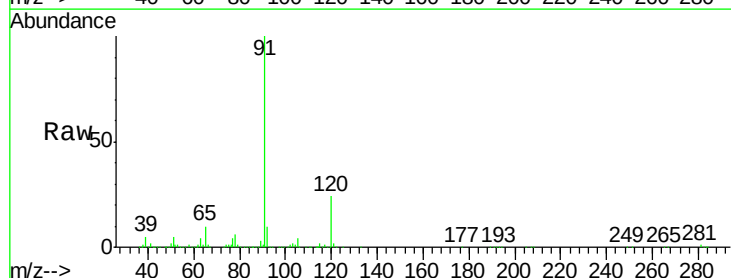
RT: 11.37 min Scan# 1768

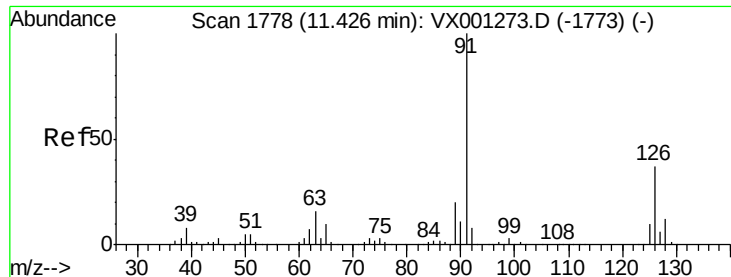
Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.8





#79

2-Chlorotoluene

Concen: 51.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 332868

Ion Ratio Lower Upper

91 100

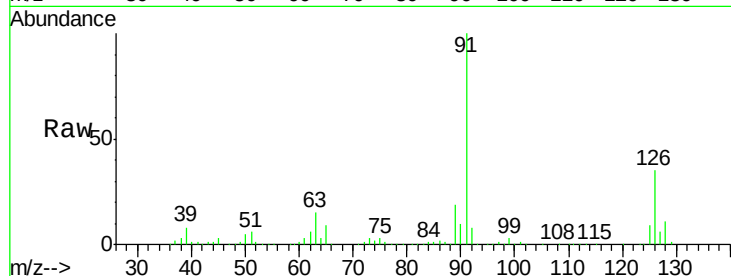
126 36.5 18.4 55.4

Manual Integrations

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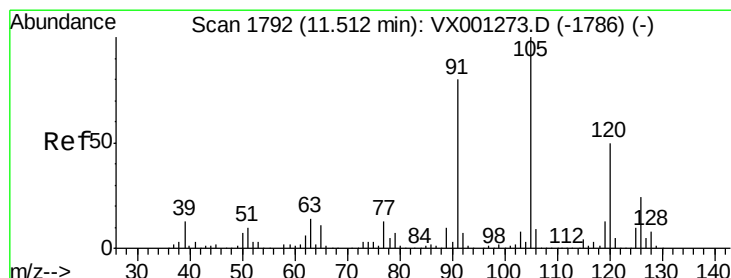
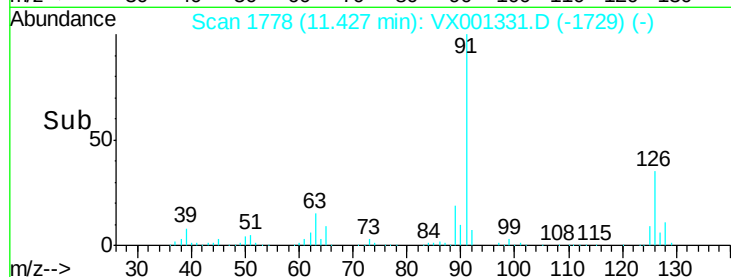
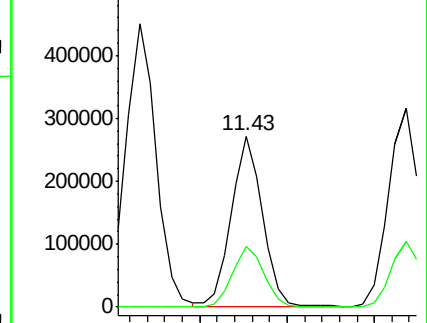
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Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1773) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 52.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001331.D

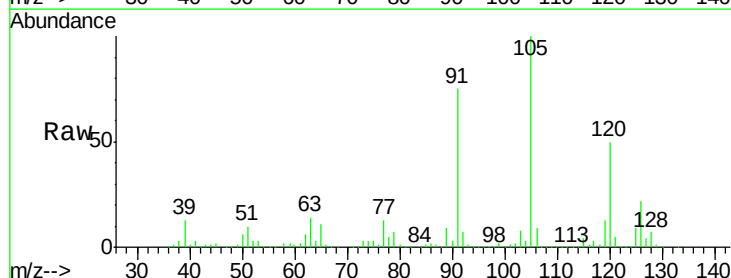
Acq: 02 May 2018 22:03

Tgt Ion: 105 Resp: 423575

Ion Ratio Lower Upper

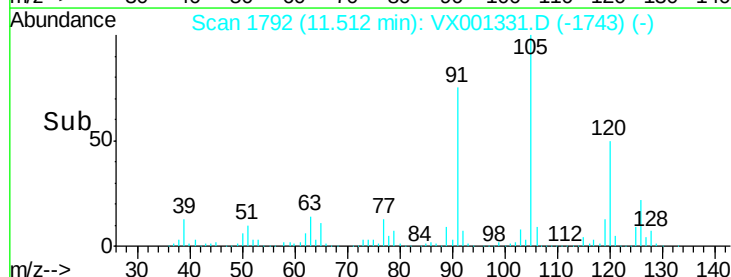
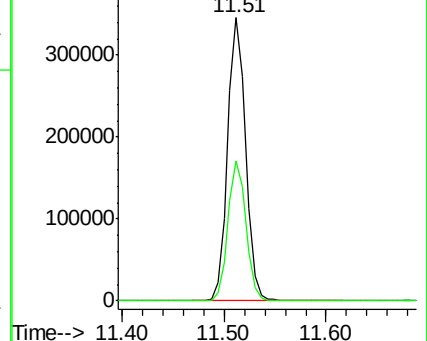
105 100

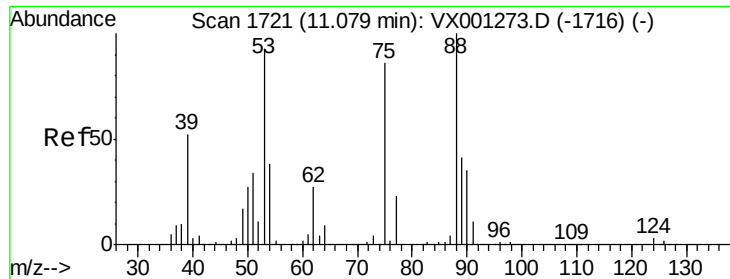
120 49.6 24.6 74.0



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

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





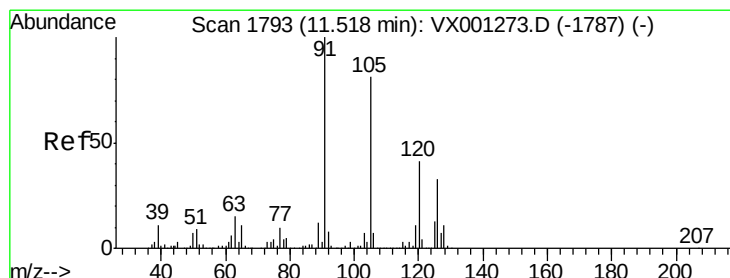
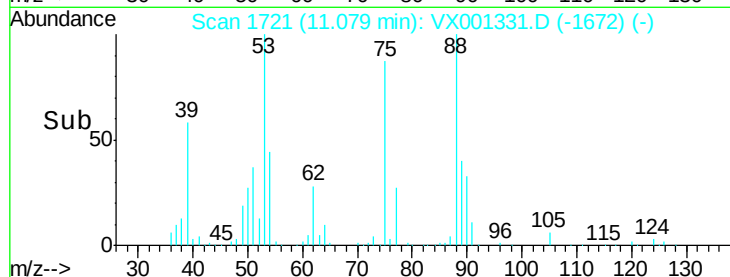
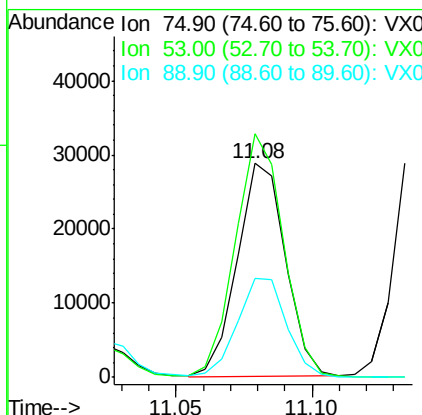
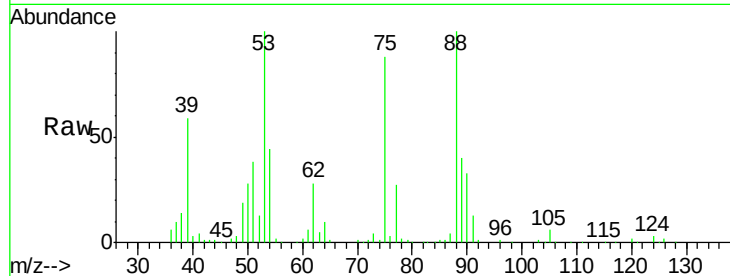
#81
trans-1,4-Dichloro-2-butene
Concen: 43.54 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.5	87.1	130.7
89	47.7	38.9	58.3

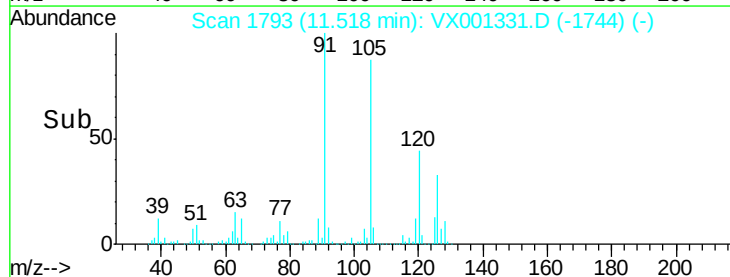
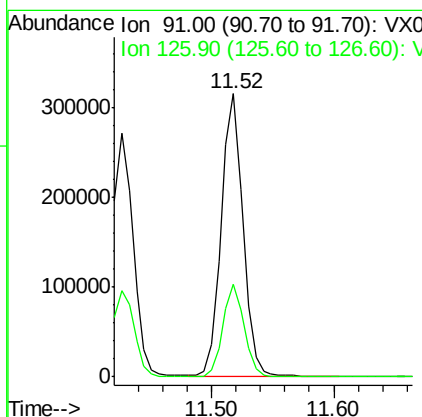
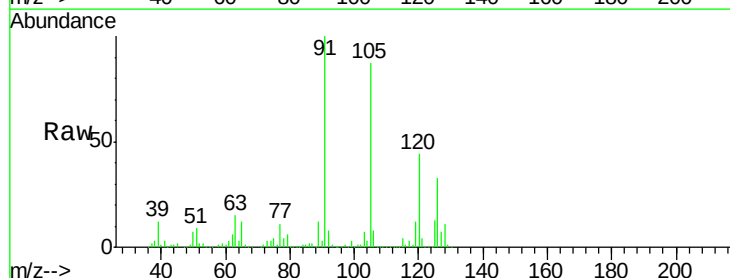
Manual Integrations
APPROVED

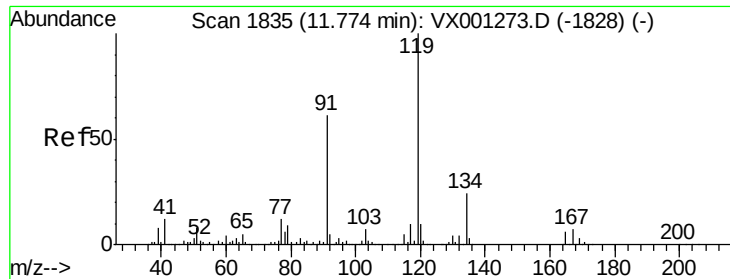
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.13 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.2





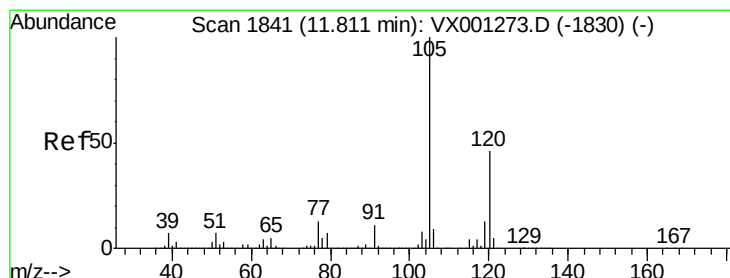
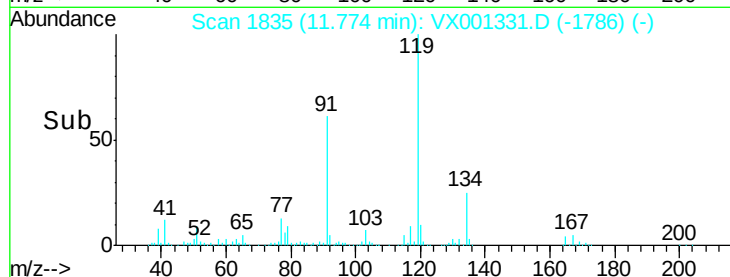
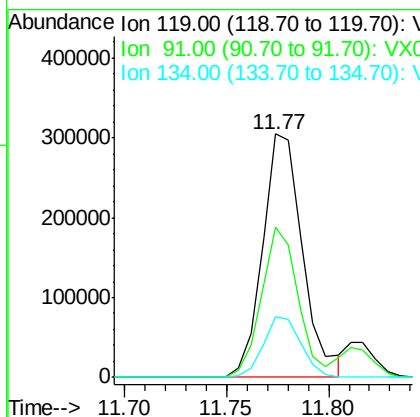
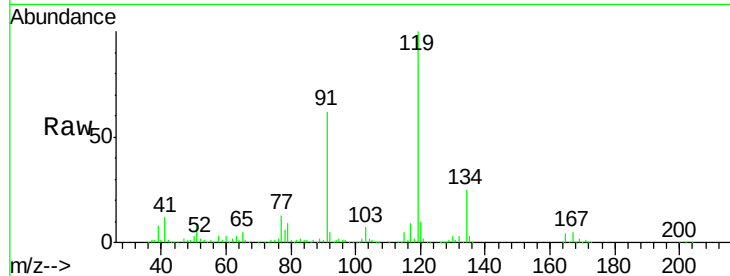
#83
 tert-Butylbenzene
 Concen: 51.34 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.1	84.3
134	23.7	11.8	35.3

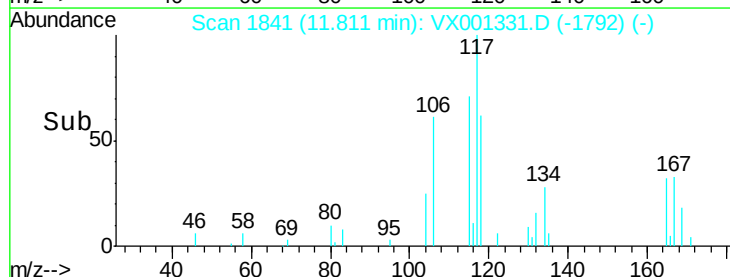
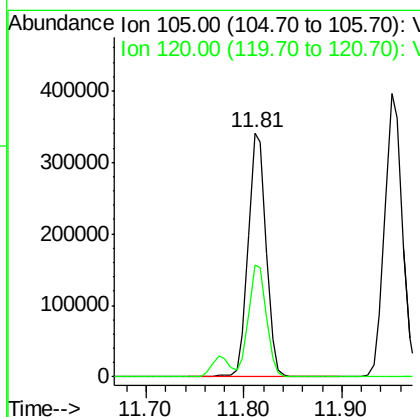
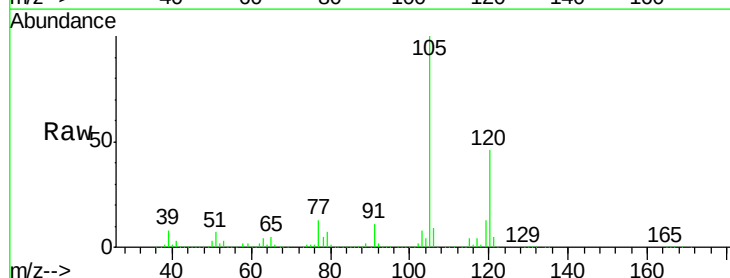
Manual Integrations
 APPROVED

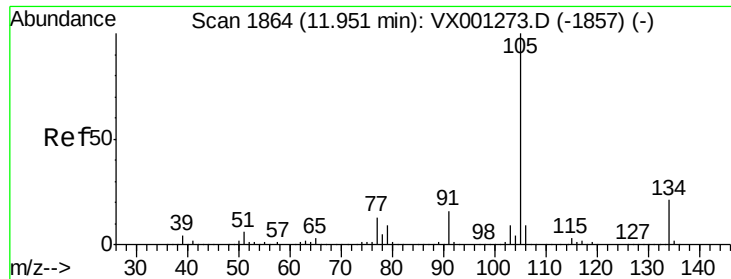
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 500084

Ion Ratio Lower Upper

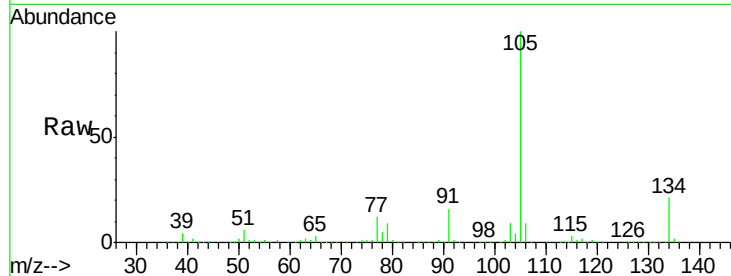
105 100

134 21.4 10.7 31.9

Manual Integrations
APPROVED

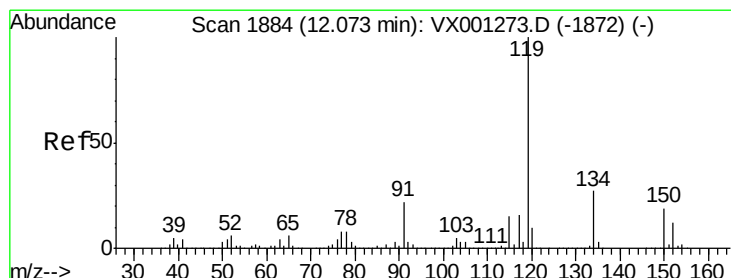
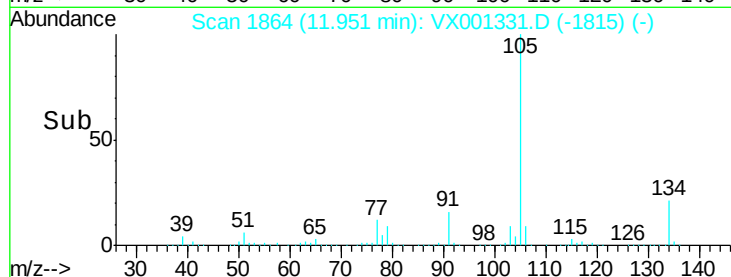
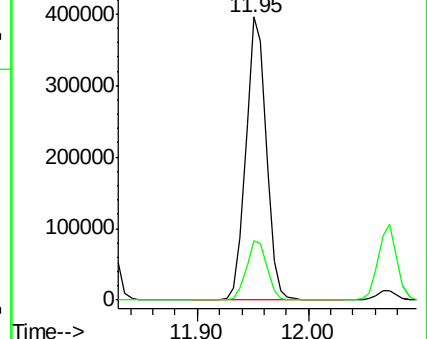
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.33 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

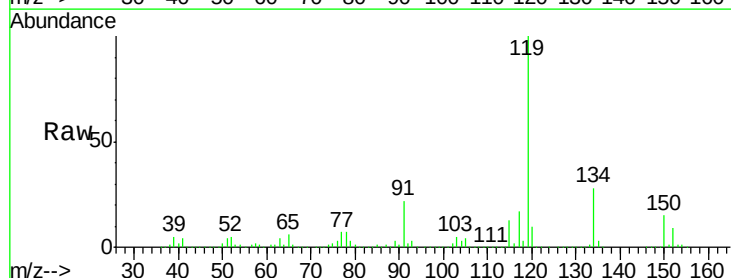
Tgt Ion:119 Resp: 457492

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

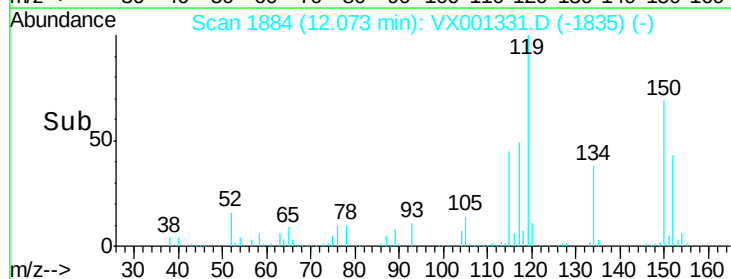
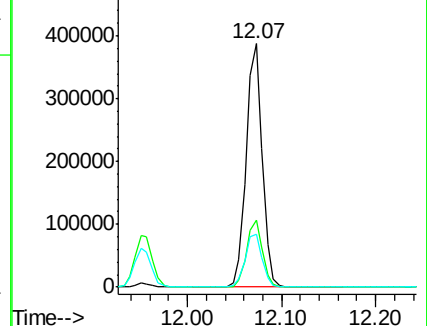
91 22.8 11.7 35.1

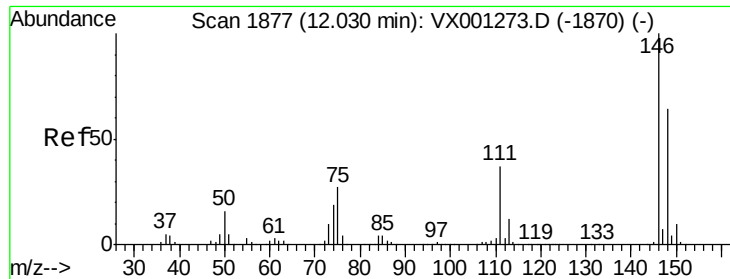


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





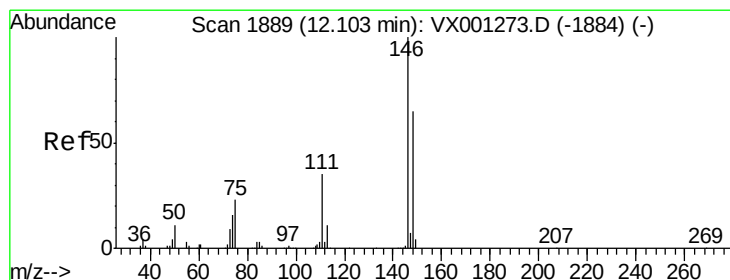
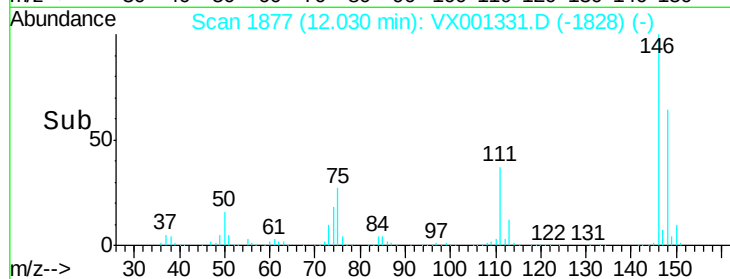
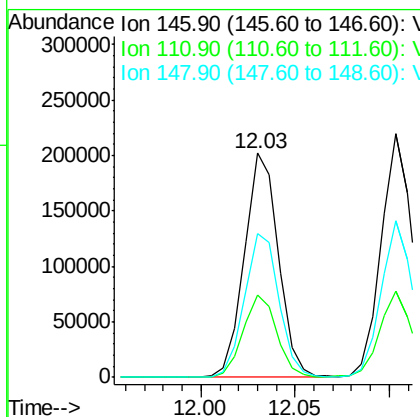
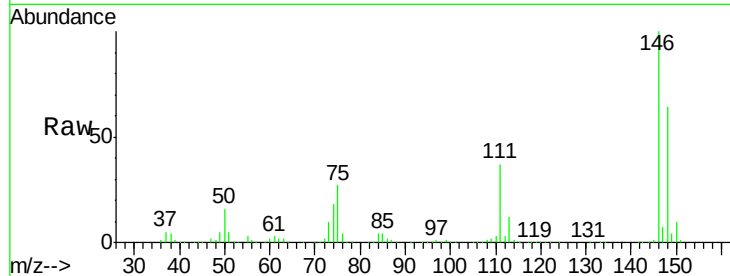
#87
 1,3-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.2
148	65.1	32.2	96.6

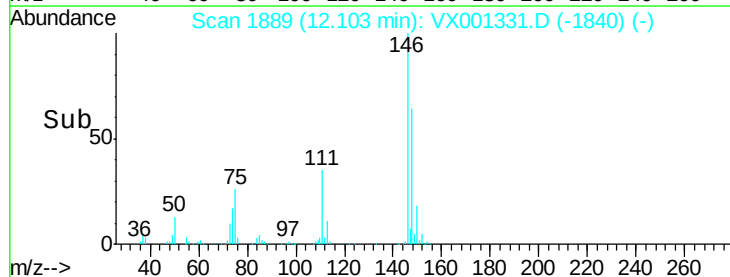
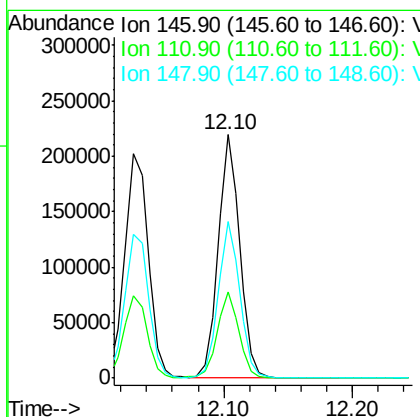
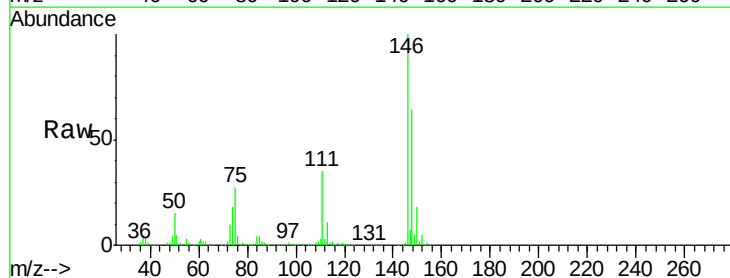
Manual Integrations
 APPROVED

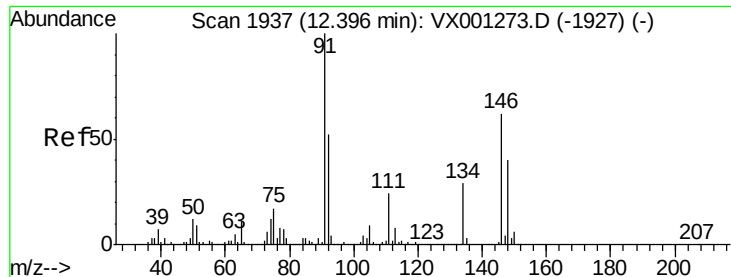
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#88
 1,4-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

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





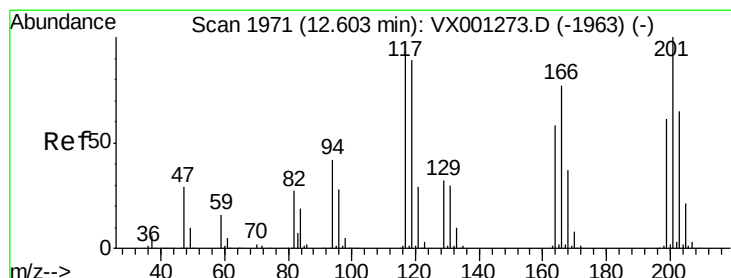
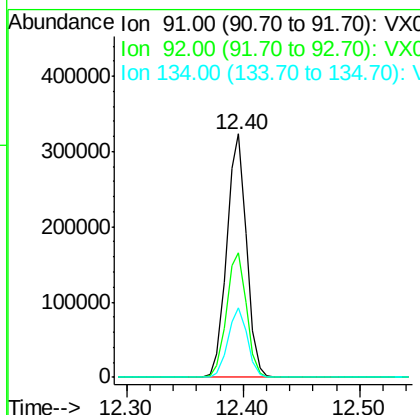
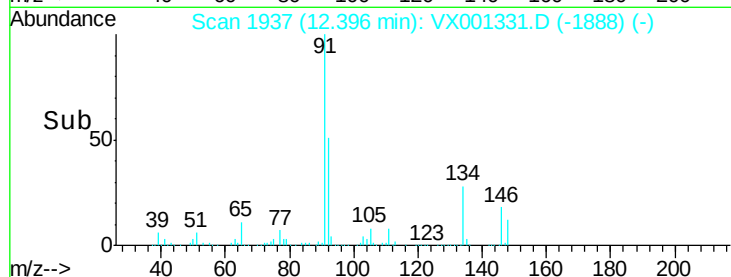
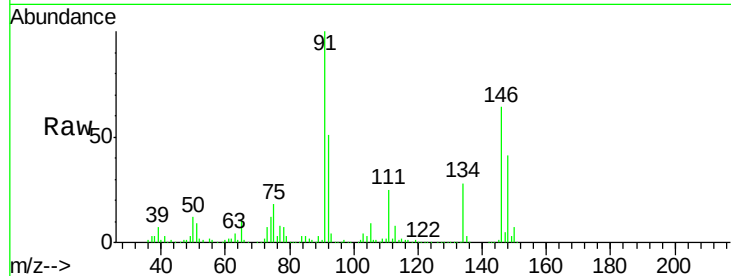
#89
n-Butylbenzene
Concen: 48.53 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	28.2	14.0	42.0

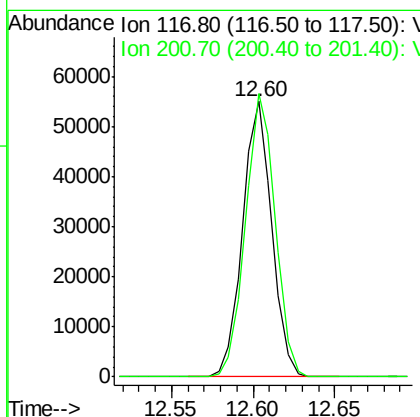
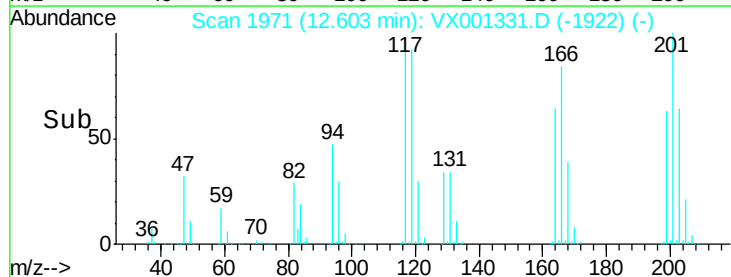
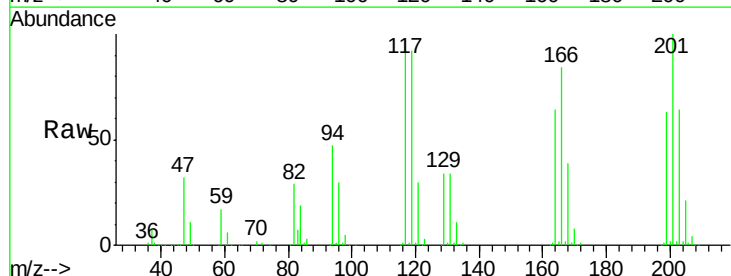
Manual Integrations
APPROVED

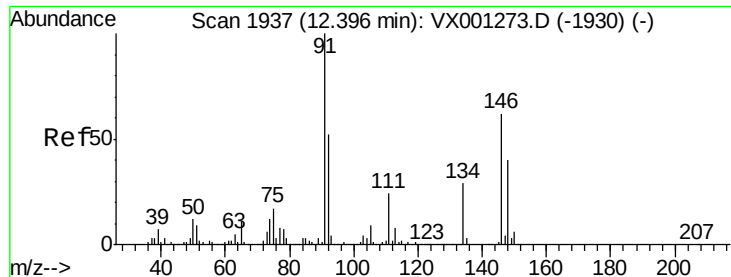
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#90
Hexachloroethane
Concen: 53.17 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.6	51.6	154.8





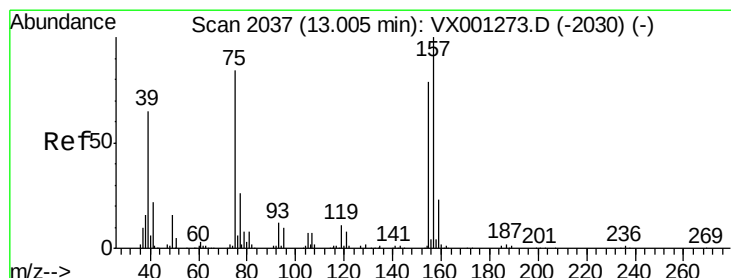
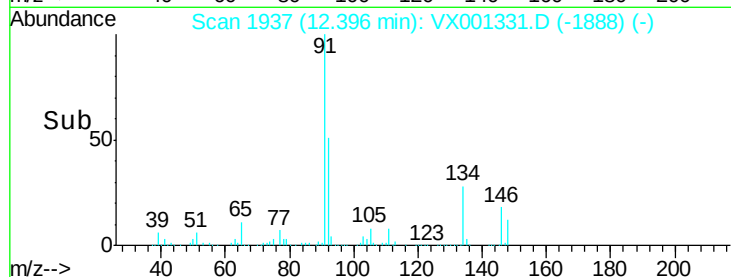
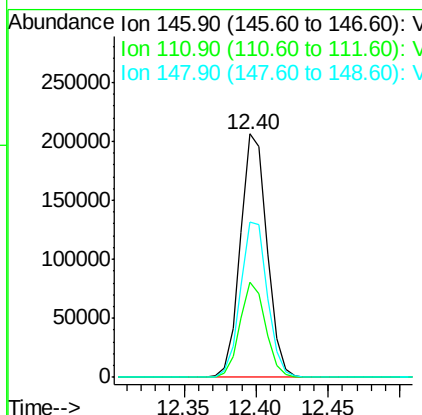
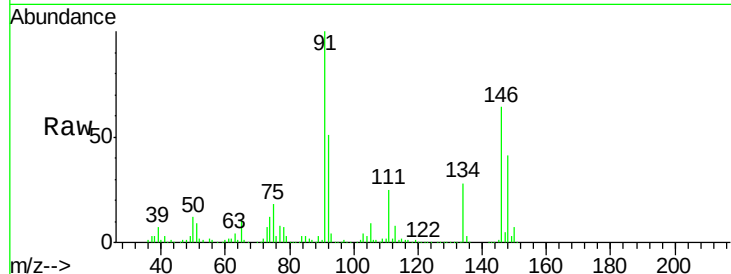
#91
 1,2-Dichlorobenzene
 Concen: 50.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.3	32.4	97.0

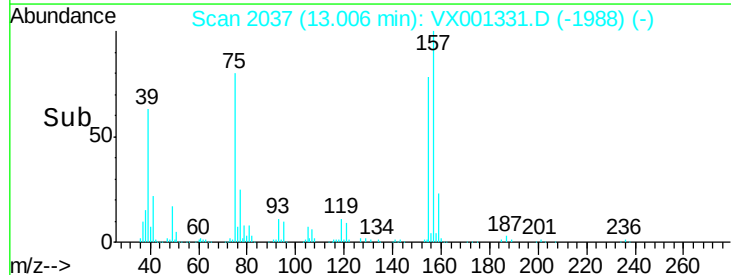
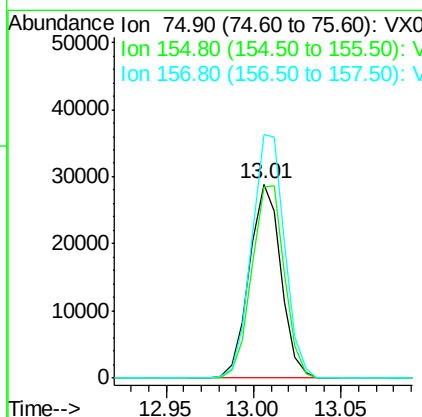
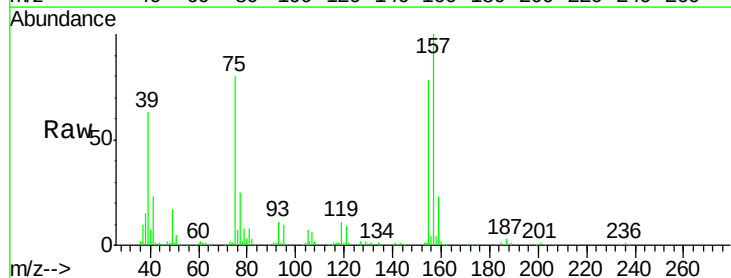
Manual Integrations
 APPROVED

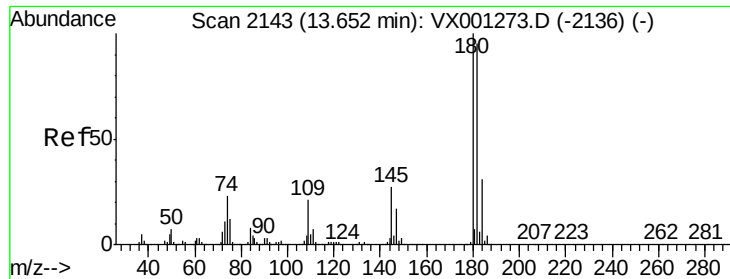
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.21 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.3	49.9	149.7
157	130.7	63.7	191.1





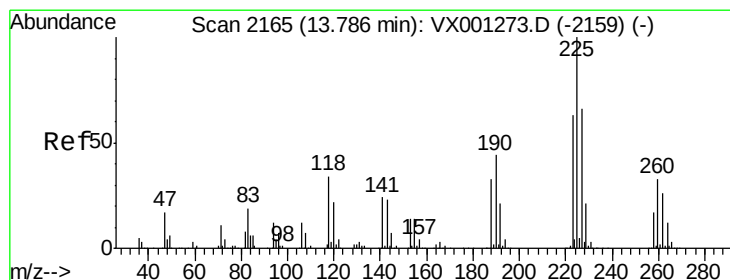
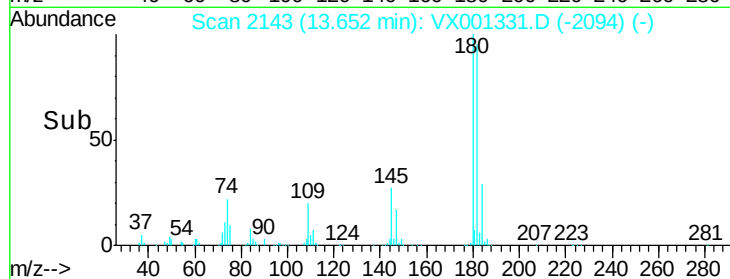
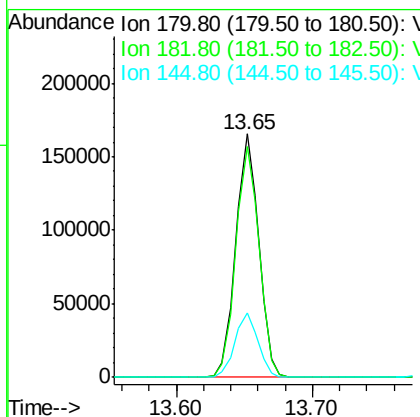
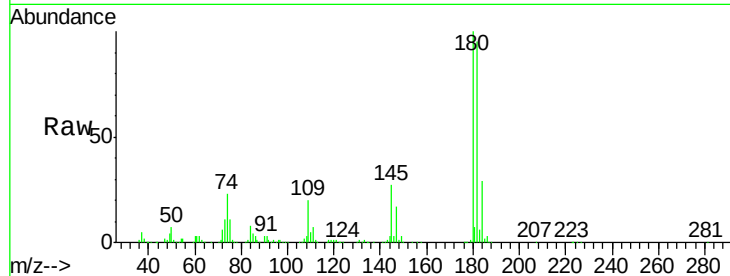
#93
 1,2,4-Trichlorobenzene
 Concen: 46.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194172		
182	95.9	47.3	141.9	
145	26.7	13.5	40.4	

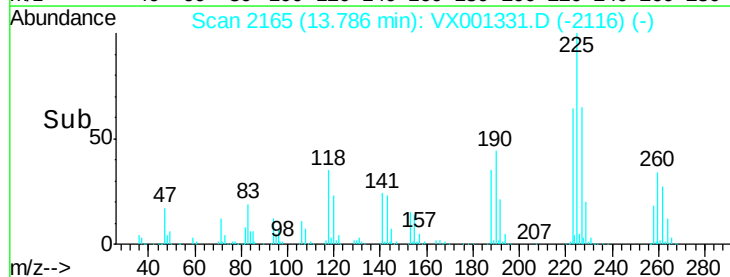
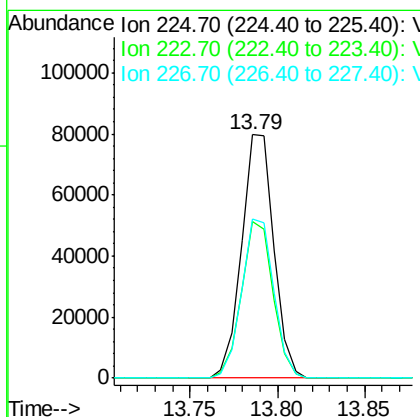
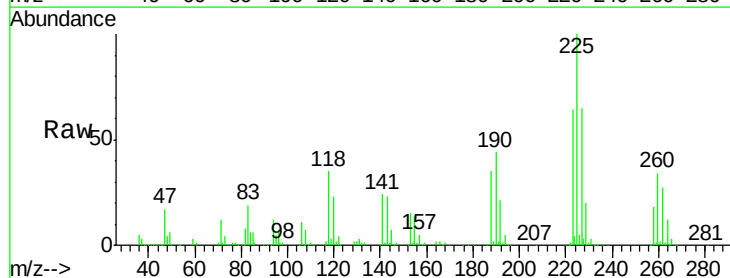
Manual Integrations
 APPROVED

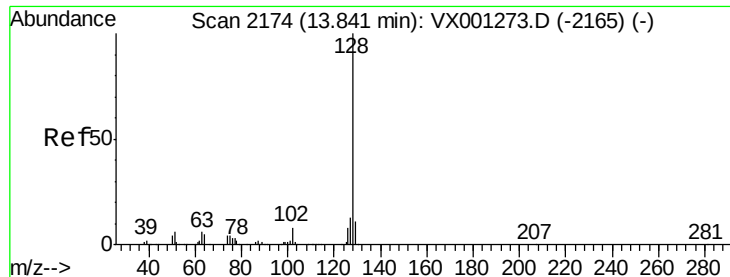
MMDadoda
 5/3/2018 12:21:20 PM



#94
 Hexachlorobutadiene
 Concen: 46.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101899		
223	63.2	31.4	94.0	
227	65.0	32.5	97.5	





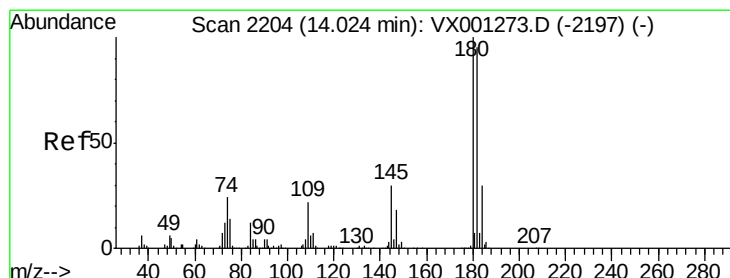
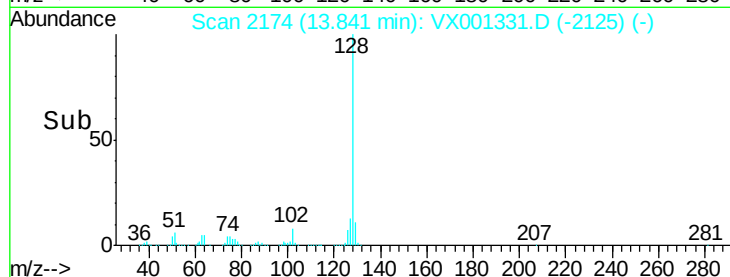
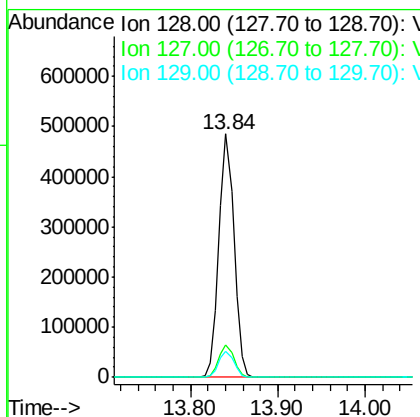
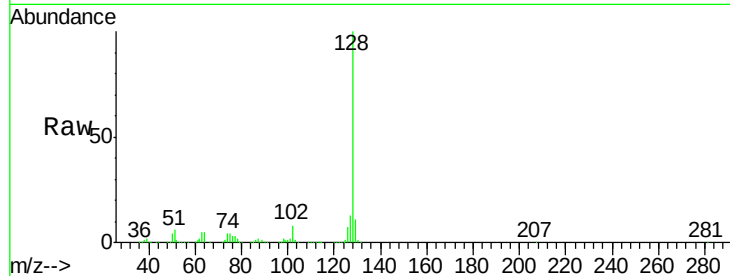
#95
Naphthalene
Concen: 54.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.66 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.3
145	28.9	14.4	43.4

