

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001141.D
 Acq On : 26 Apr 2018 20:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX042618

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:27 PM

Quant Time: Apr 27 07:16:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	167647	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.51	113	134670	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.72	98	495151	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.15	95	196060	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113815	46.74	ug/l	100
3) Chloromethane	1.32	50	131856	51.71	ug/l	99
4) Vinyl Chloride	1.40	62	134853	49.84	ug/l	98
5) Bromomethane	1.64	94	87892	53.26	ug/l	100
6) Chloroethane	1.72	64	84752	49.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	206021	47.15	ug/l	99
8) Diethyl Ether	2.19	74	82310	48.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108638	45.12	ug/l	100
10) Methyl Iodide	2.51	142	111506	45.34	ug/l	99
11) Tert butyl alcohol	3.09	59	179970	253.56	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112447	47.89	ug/l	98
13) Acrolein	2.30	56	65447	243.91	ug/l	99
14) Allyl chloride	2.73	41	219290	51.20	ug/l	99
15) Acrylonitrile	3.16	53	378328	249.61	ug/l	100
16) Acetone	2.45	43	347470	234.76	ug/l	99
17) Carbon Disulfide	2.57	76	302226	50.45	ug/l	100
18) Methyl Acetate	2.79	43	188377	50.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	427203	49.43	ug/l	99
20) Methylene Chloride	2.86	84	130053	47.18	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	126124	48.59	ug/l	99
22) Diisopropyl ether	3.89	45	428072	49.95	ug/l	98
23) Vinyl Acetate	3.84	43	1910564	262.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230792	51.24	ug/l	99
25) 2-Butanone	4.72	43	549007	247.90	ug/l	100
26) 1,2-Dichloropropane	4.59	77	162812	45.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142056	49.99	ug/l	99
28) Bromochloromethane	5.03	49	98652	48.85	ug/l	99
29) Tetrahydrofuran	5.18	42	356098	250.09	ug/l	100
30) Chloroform	5.23	83	242020	50.53	ug/l	99
31) Cyclohexane	5.58	56	173753	45.40	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	209799	50.74	ug/l	99
36) 1,1-Dichloropropene	5.81	75	170291	47.95	ug/l	99
37) Ethyl Acetate	4.88	43	213418	50.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	180297	49.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180344	45.88	ug/l	97
40) Benzene	6.15	78	516108	50.23	ug/l	100
41) Methacrylonitrile	5.07	41	121718	50.93	ug/l	99
42) 1,2-Dichloroethane	6.21	62	208793	50.43	ug/l	100
43) Isopropyl Acetate	6.48	43	343421	51.41	ug/l	100
44) Trichloroethene	7.22	130	149594	48.87	ug/l	96
45) 1,2-Dichloropropane	7.52	63	133455	49.39	ug/l	99
46) Dibromomethane	7.67	93	94847	50.69	ug/l	99
47) Bromodichloromethane	7.91	83	180389	53.06	ug/l	99
48) Methyl methacrylate	7.79	41	179738	50.62	ug/l	100
49) 1,4-Dioxane	7.77	88	73033	1027.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1141452	260.14	ug/l	100
52) Toluene	8.79	92	339643	50.55	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	211308	53.46	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	201318	47.11	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	142535	50.14	ug/l	97
56) Ethyl methacrylate	9.19	69	221241	52.53	ug/l	100
57) 1,3-Dichloropropane	9.38	76	232165	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	504507	253.39	ug/l	100
59) 2-Hexanone	9.51	43	892660	259.65	ug/l	99
60) Dibromochloromethane	9.59	129	157073	47.49	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154481	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	153961	47.07	ug/l	95
65) Chlorobenzene	10.15	112	394806	49.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	148083	53.31	ug/l	99
67) Ethyl Benzene	10.26	91	648856	49.74	ug/l	100
68) m/p-Xylenes	10.37	106	508658	98.63	ug/l	99
69) o-Xylene	10.71	106	252203	50.42	ug/l	100
70) Styrene	10.72	104	423165	50.83	ug/l	99
71) Bromoform	10.87	173	133099	45.99	ug/l	99
73) Isopropylbenzene	11.02	105	651178	48.67	ug/l	100
74) N-amyl acetate	6.48	43	343421	50.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	225036	50.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	214684m	51.36	ug/l	
77) Bromobenzene	11.26	156	197098	49.68	ug/l	100
78) n-propylbenzene	11.37	91	726670	48.71	ug/l	99
79) 2-Chlorotoluene	11.43	91	450871	48.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	565707	49.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58915	45.35	ug/l	99
82) 4-Chlorotoluene	11.52	91	544846	49.56	ug/l	100
83) tert-Butylbenzene	11.77	119	565522	50.02	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	590621	50.72	ug/l	99
85) sec-Butylbenzene	11.95	105	642611	48.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	599109	48.77	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	352518	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	361964	48.77	ug/l	100
89) n-Butylbenzene	12.40	91	514230	48.36	ug/l	100
90) Hexachloroethane	12.60	117	90028	45.72	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	356938	49.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53111	54.21	ug/l	98

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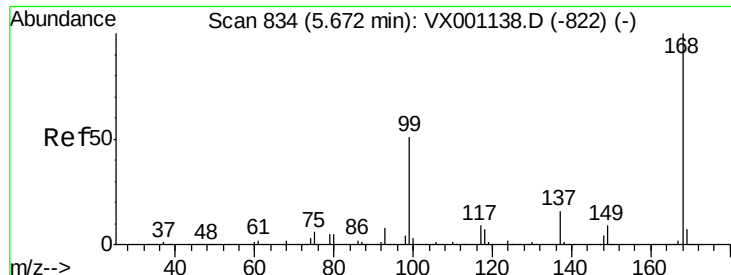
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	278397	49.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	124602	46.97	ug/l	99
95) Naphthalene	13.84	128	821288	52.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281884	50.19	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: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion:168 Resp: 232191

Ion Ratio Lower Upper

168 100

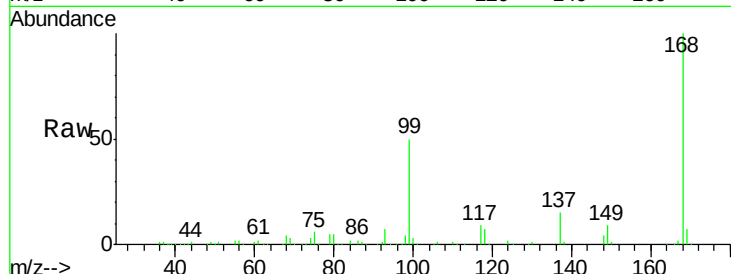
99 49.8 40.6 60.8

Manual Integrations

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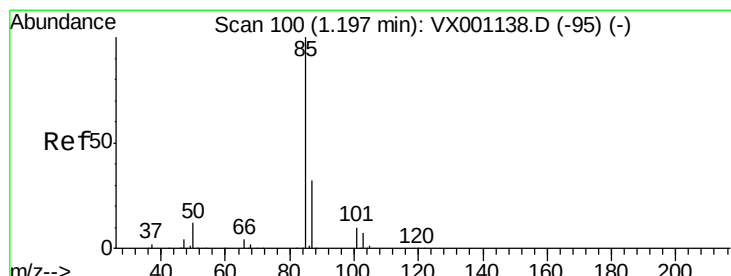
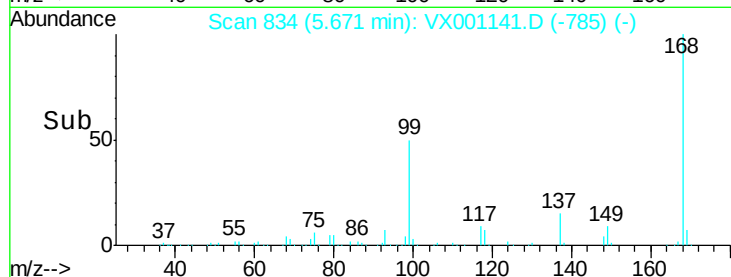
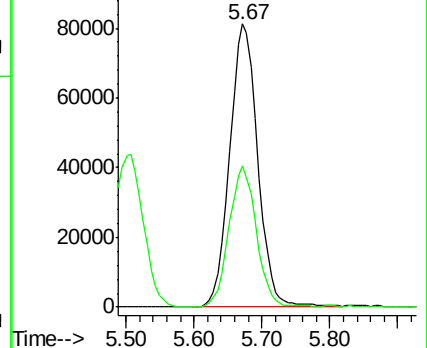
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.74 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001141.D

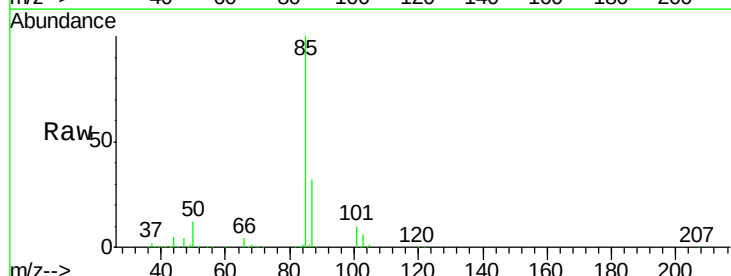
Acq: 26 Apr 2018 20:28

Tgt Ion: 85 Resp: 113815

Ion Ratio Lower Upper

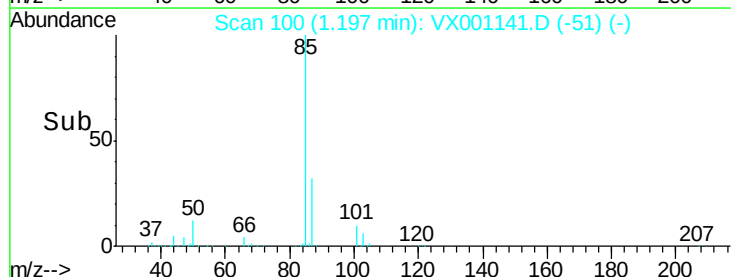
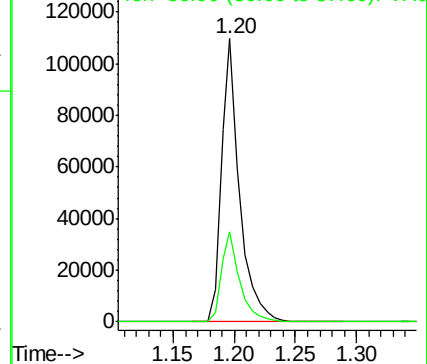
85 100

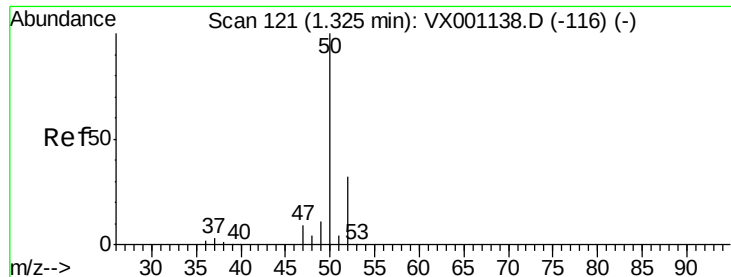
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 50 Resp: 131856

Ion Ratio Lower Upper

50 100

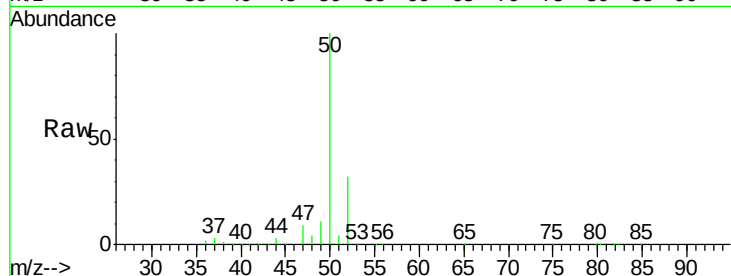
52 31.8 25.9 38.9

Manual Integrations

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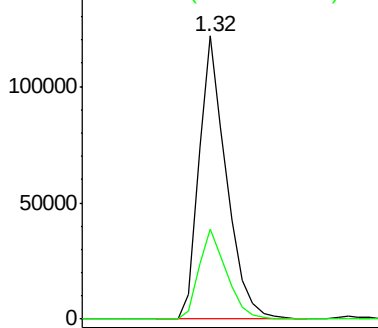
MMDadoda

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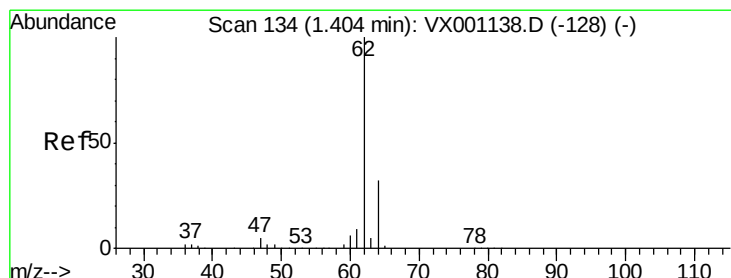
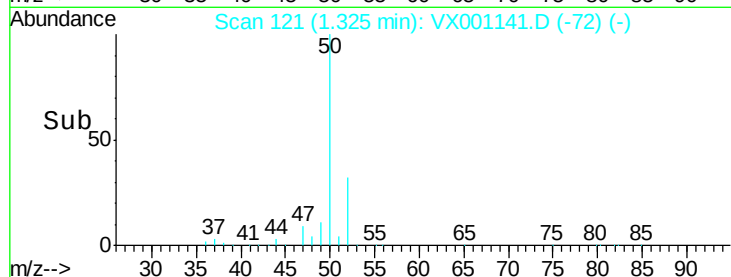


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 49.84 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001141.D

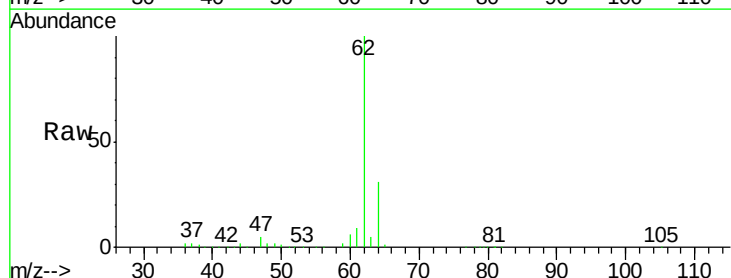
Acq: 26 Apr 2018 20:28

Tgt Ion: 62 Resp: 134853

Ion Ratio Lower Upper

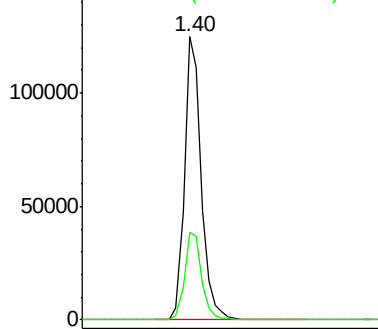
62 100

64 31.0 25.6 38.4

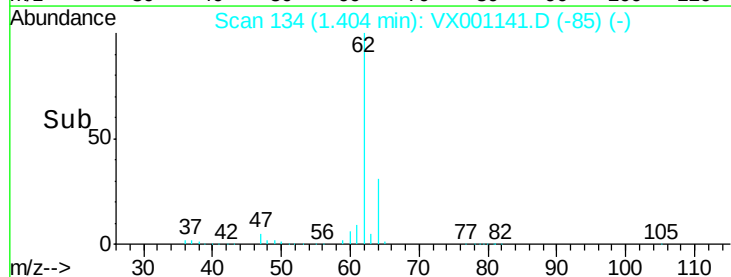


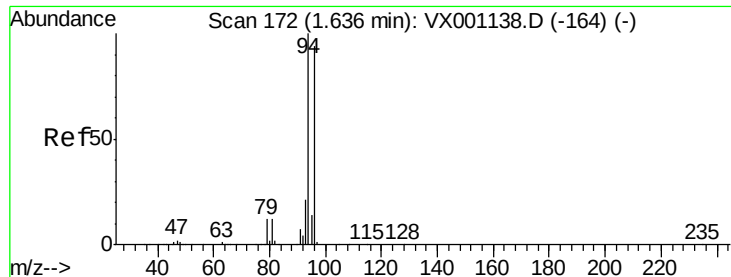
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 53.26 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 94 Resp: 87892

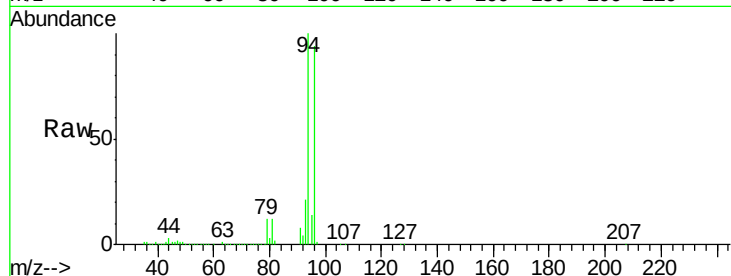
Ion Ratio Lower Upper

94 100

96 94.1 75.3 112.9

Manual Integrations
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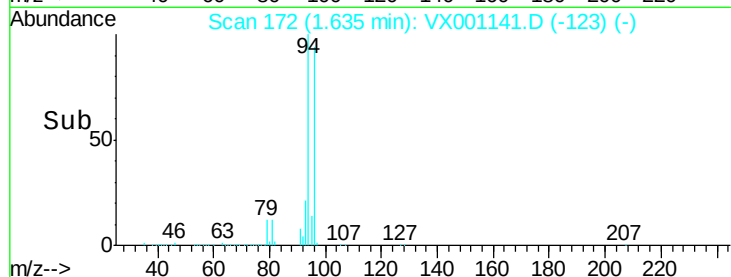


Abundance Ion 93.90 (93.60 to 94.60): VX0

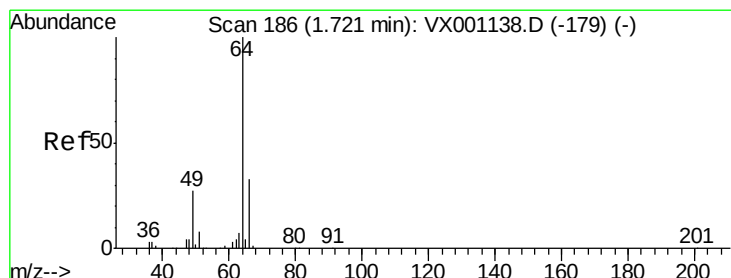
Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



Time-->



#6

Chloroethane

Concen: 49.77 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001141.D

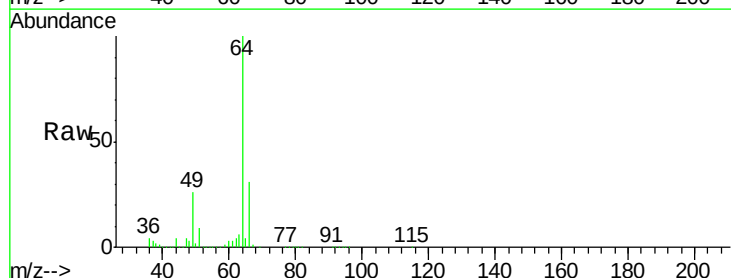
Acq: 26 Apr 2018 20:28

Tgt Ion: 64 Resp: 84752

Ion Ratio Lower Upper

64 100

66 31.3 26.1 39.1

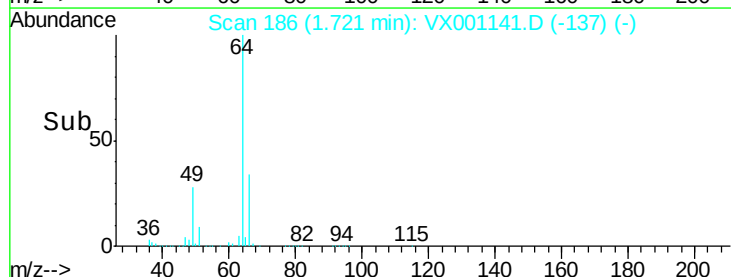


Abundance Ion 63.90 (63.60 to 64.60): VX0

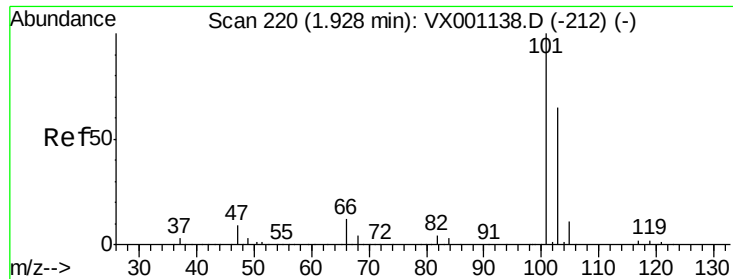
Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->



Time-->



#7

Trichlorofluoromethane

Concen: 47.15 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion:101 Resp: 206021

Ion Ratio Lower Upper

101 100

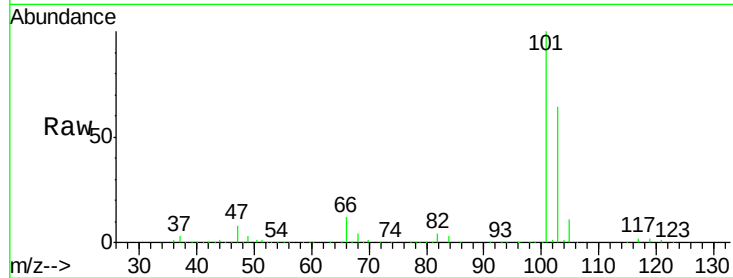
103 64.4 51.9 77.9

Manual Integrations

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4/30/2018 6:03:27 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

150000

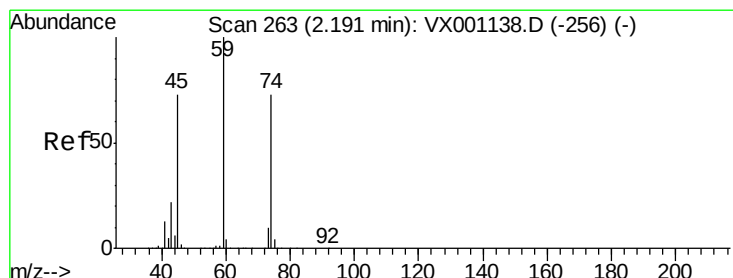
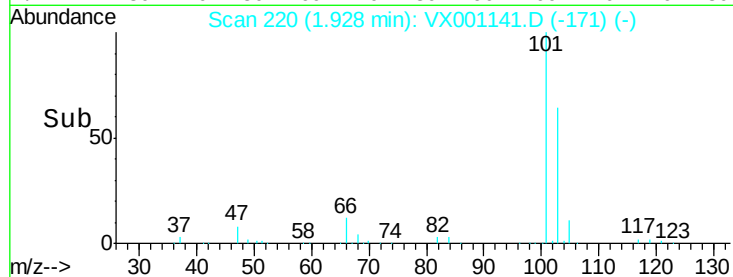
100000

50000

0

1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 48.99 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001141.D

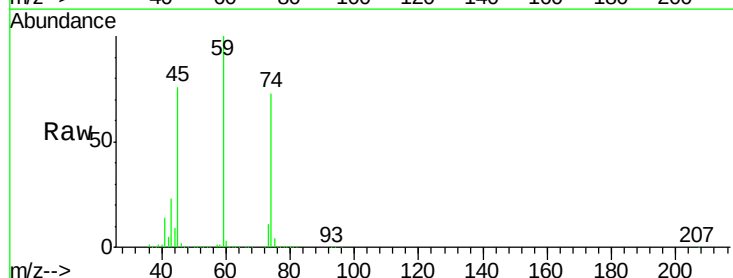
Acq: 26 Apr 2018 20:28

Tgt Ion: 74 Resp: 82310

Ion Ratio Lower Upper

74 100

45 99.3 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

60000

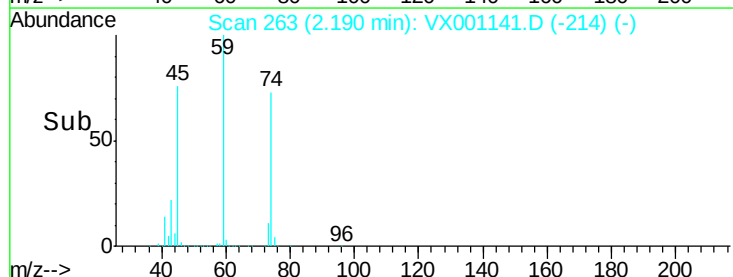
40000

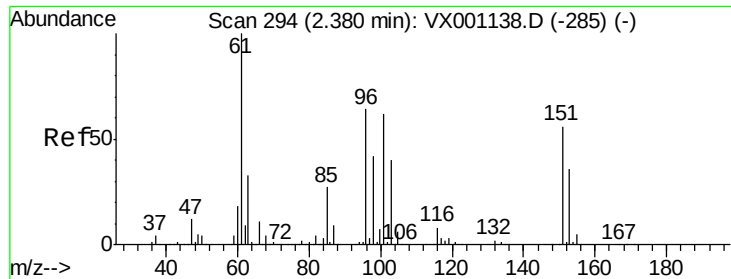
20000

0

2.10 2.20 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.12 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

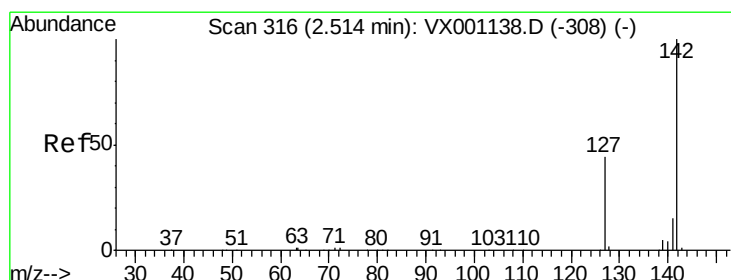
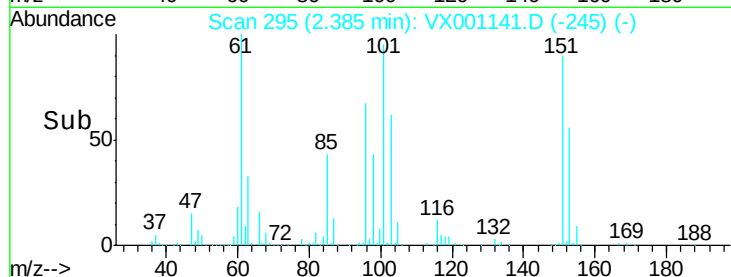
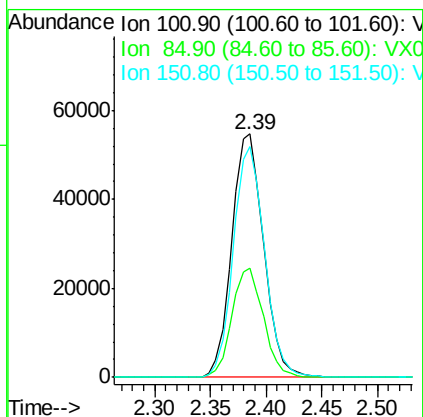
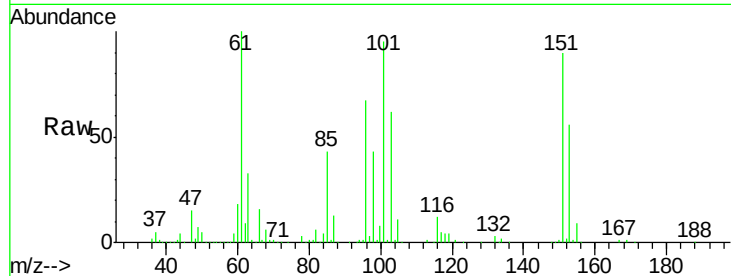
ClientSampleId :

ICVVX042618

Tot Ion:	101	Resp:	108638
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.4	53.0
151	93.1	74.2	111.4

Manual Integrations
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4/30/2018 6:03:27 PM



#10

Methyl Iodide

Concen: 45.34 ug/l

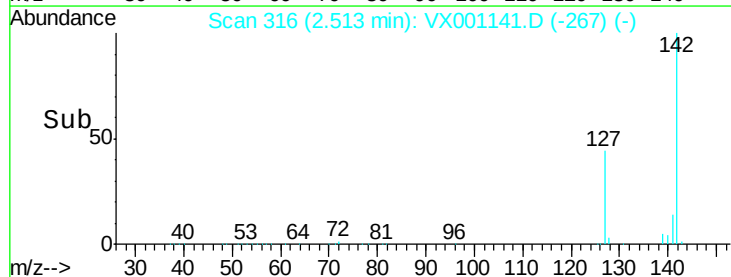
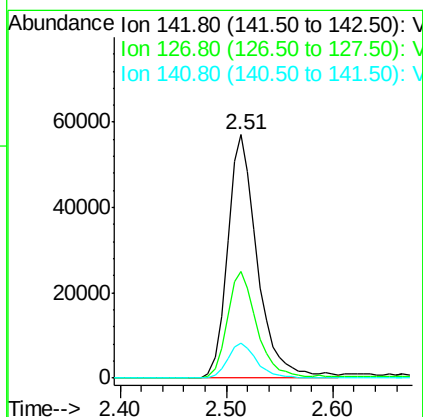
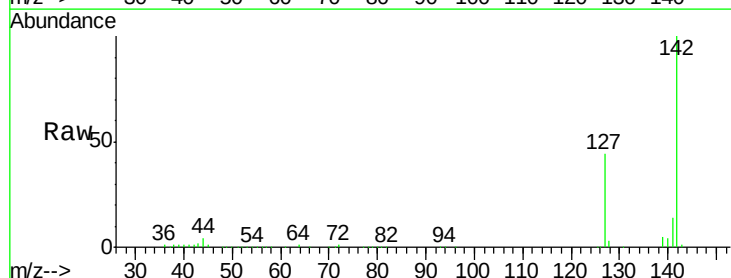
RT: 2.51 min Scan# 316

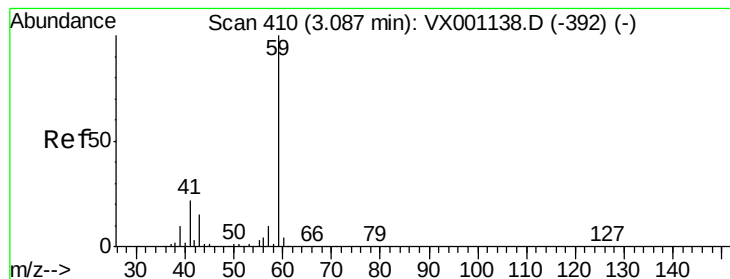
Delta R.T. 0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	142	Resp:	111506
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.7	52.1
141	14.5	11.6	17.4





#11

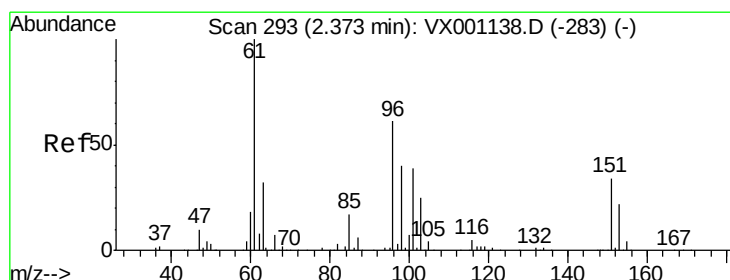
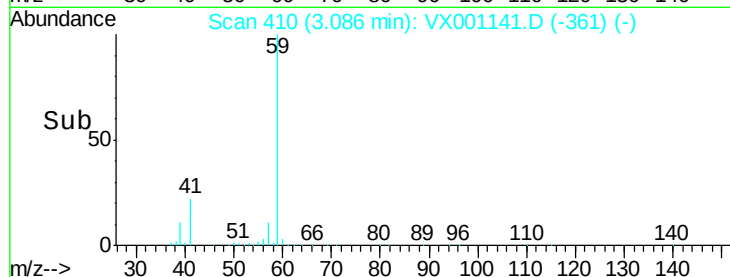
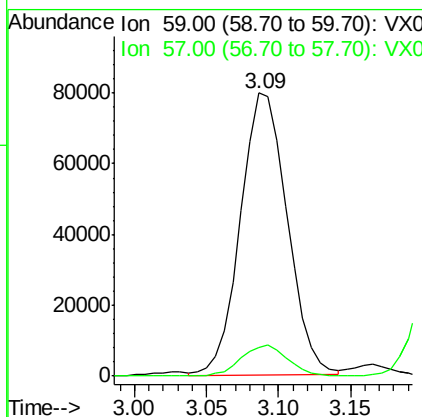
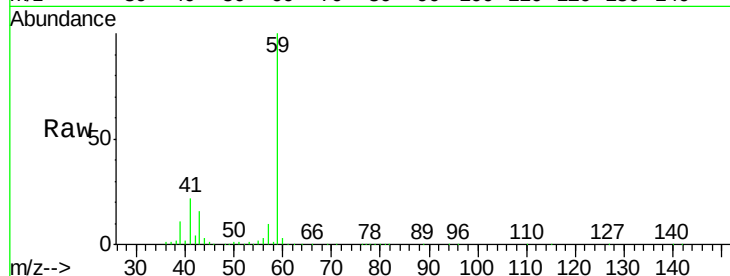
Tert butyl alcohol
 Concen: 253.56 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX042618

Tot Ion	59	Resp	179970
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.4

Manual Integrations
 APPROVED

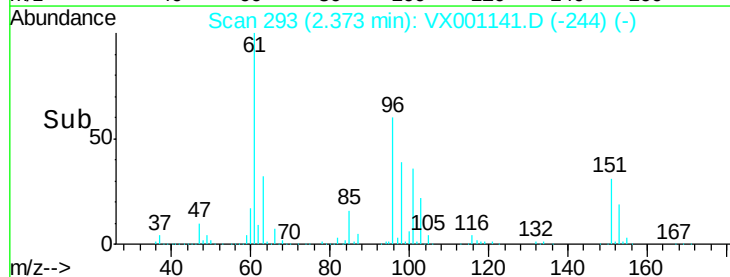
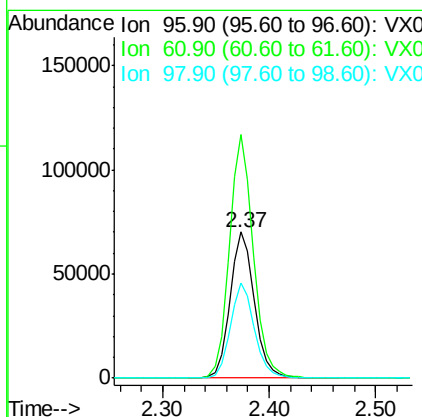
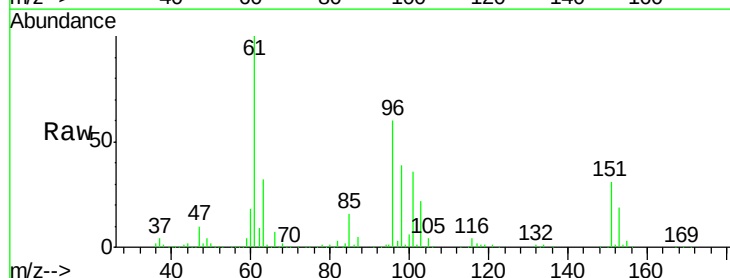
MMDadoda
 4/30/2018 6:03:27 PM

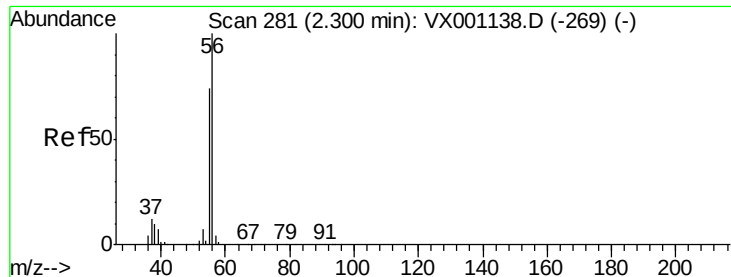


#12

1,1-Dichloroethene
 Concen: 47.89 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	96	Resp	112447
Ion Ratio	100	Lower	Upper
61	166.5	130.2	195.4
98	64.8	51.5	77.3





#13

Acrolein

Concen: 243.91 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 56 Resp: 65447

Ion Ratio Lower Upper

56 100

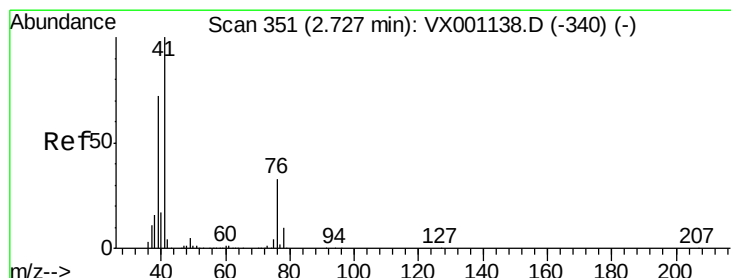
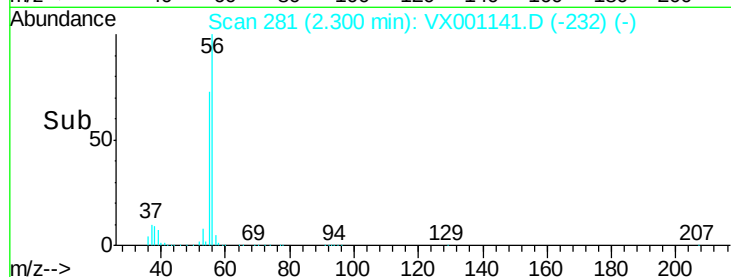
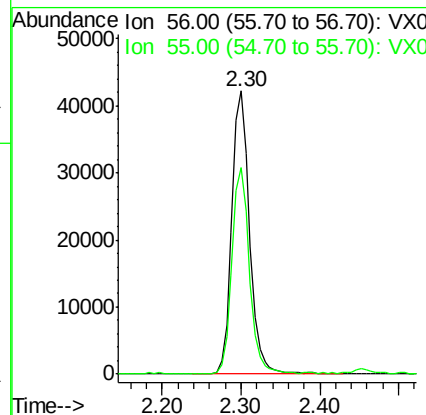
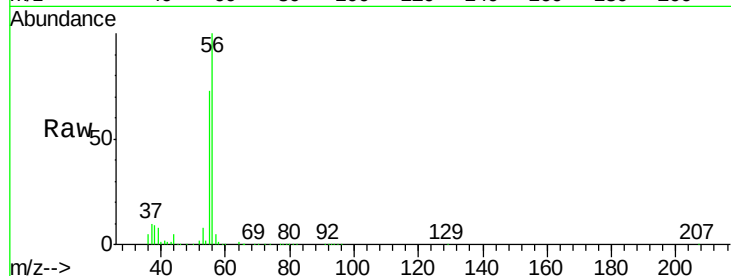
55 72.2 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 51.20 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

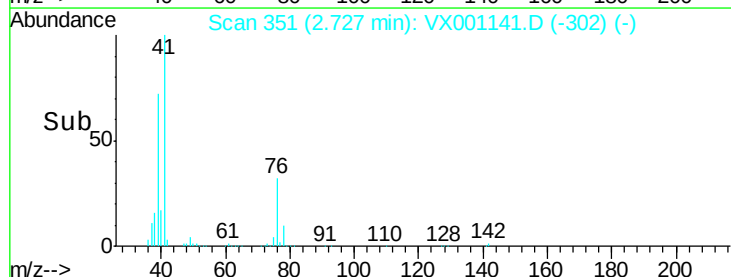
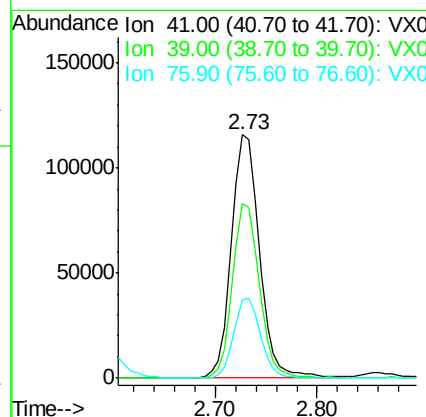
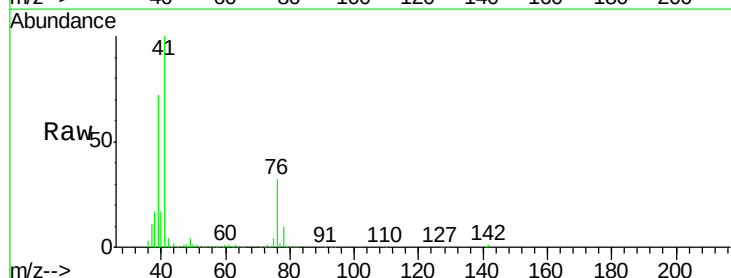
Tgt Ion: 41 Resp: 219290

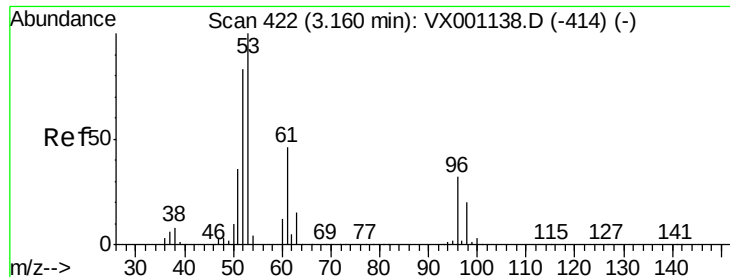
Ion Ratio Lower Upper

41 100

39 68.4 55.6 83.4

76 31.2 24.8 37.2





#15

Acrylonitrile

Concen: 249.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

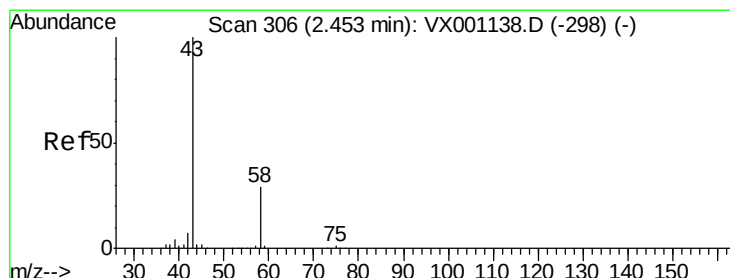
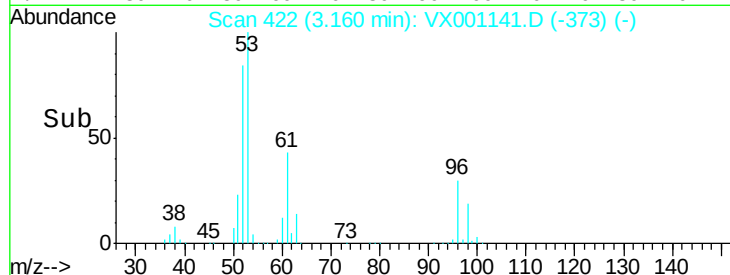
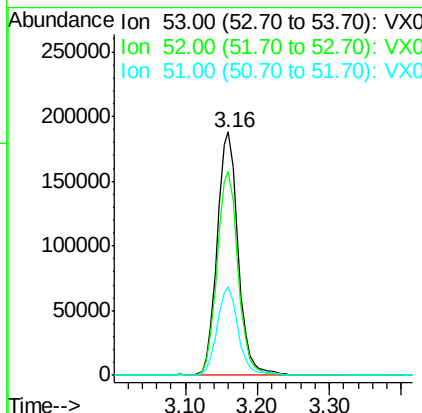
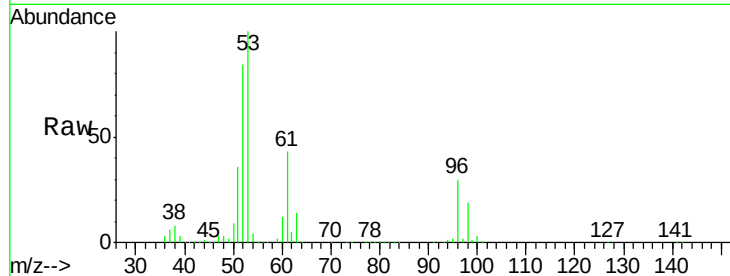
ClientSampleId :

ICVVX042618

Tot Ion:	53	Resp:	378328
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.5	99.7
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 234.76 ug/l

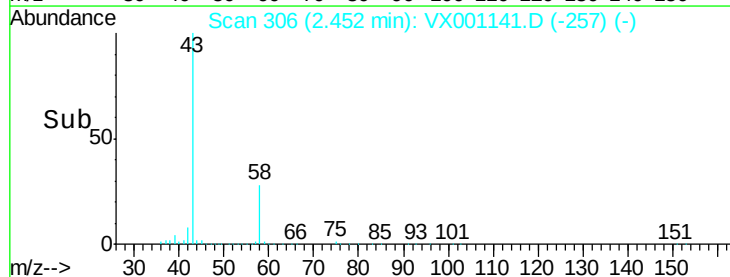
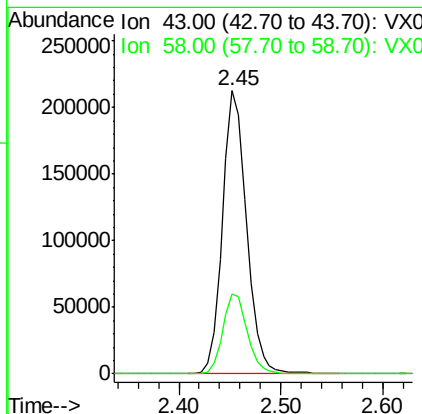
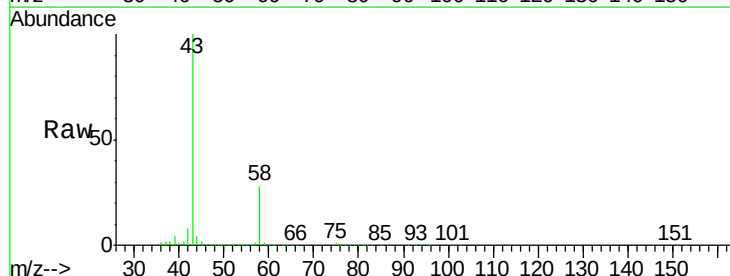
RT: 2.45 min Scan# 306

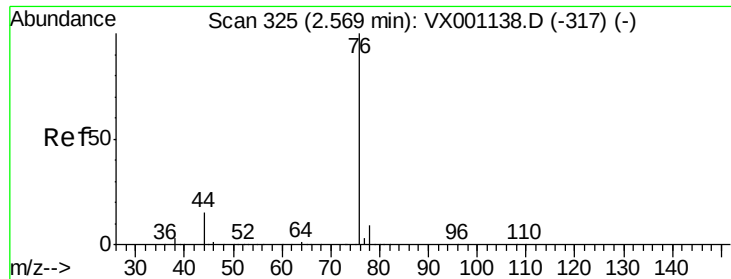
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	43	Resp:	347470
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.0	34.6





#17

Carbon Disulfide

Concen: 50.45 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 76 Resp: 302226

Ion Ratio Lower Upper

76 100

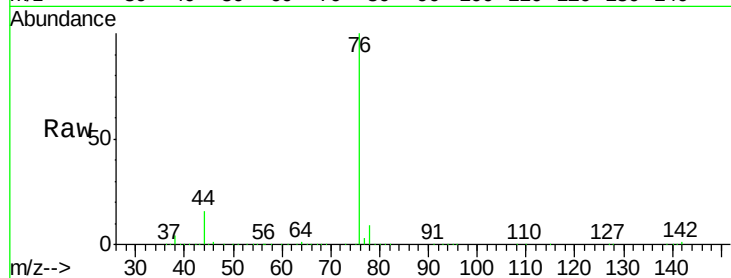
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

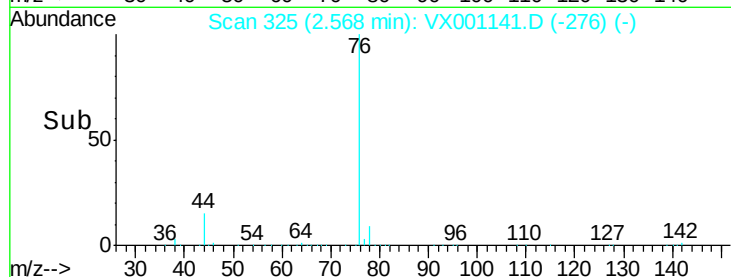
150000

100000

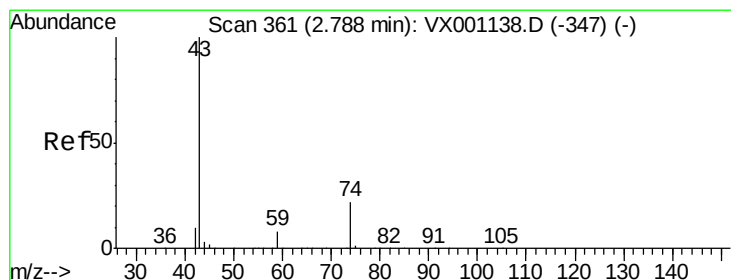
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 50.86 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX001141.D

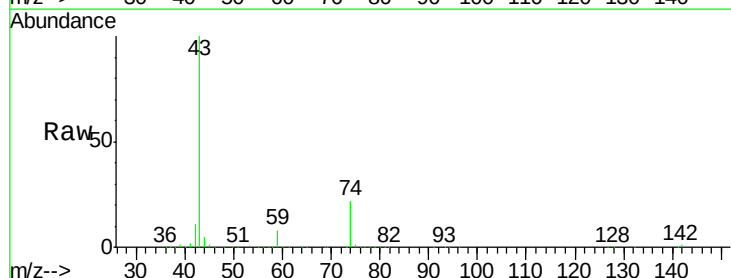
Acq: 26 Apr 2018 20:28

Tgt Ion: 43 Resp: 188377

Ion Ratio Lower Upper

43 100

74 22.0 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

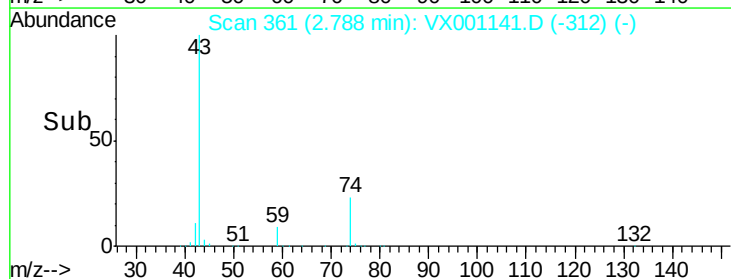
60000

40000

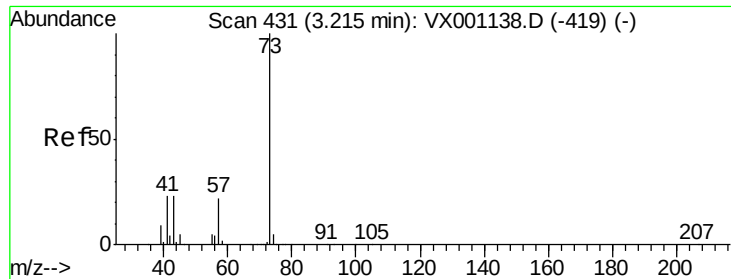
20000

0

Time-->



Time-->



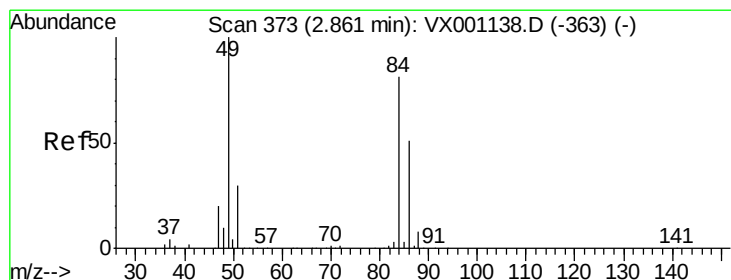
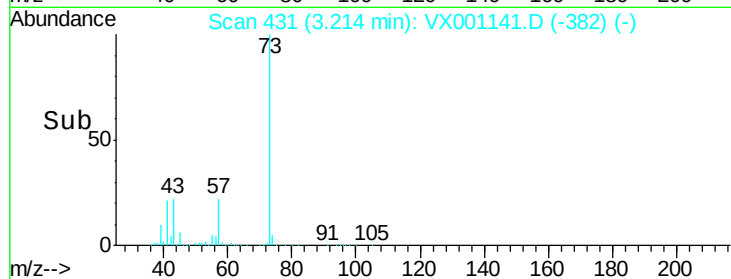
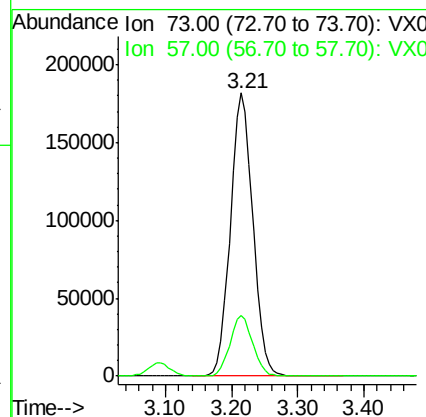
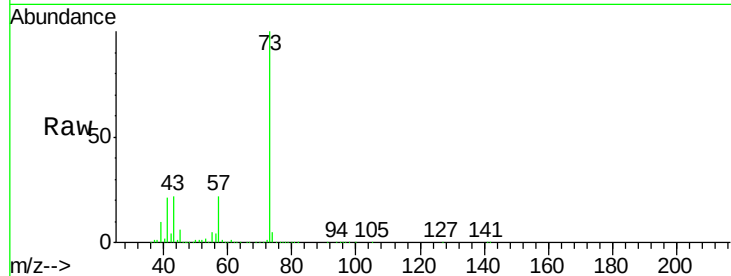
#19
Methyl tert-butyl Ether
Concen: 49.43 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

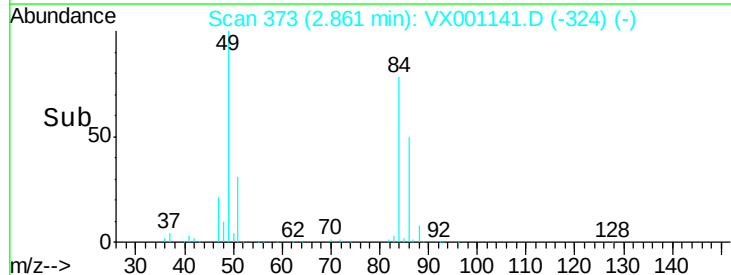
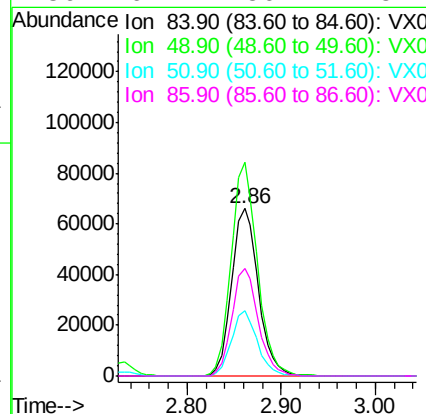
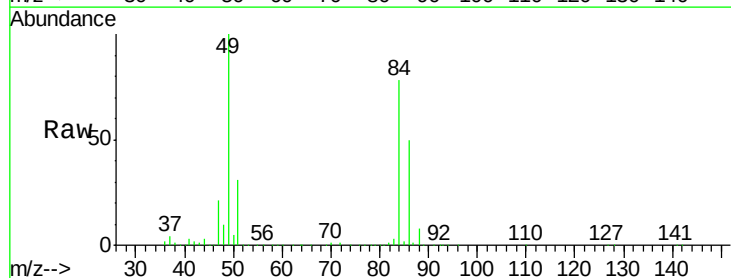
Manual Integrations
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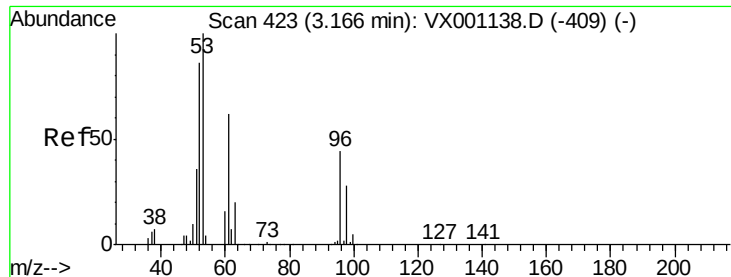
MMDadoda
4/30/2018 6:03:27 PM



#20
Methylene Chloride
Concen: 47.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	99.2	148.8
51	39.2	29.5	44.3
86	64.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 48.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

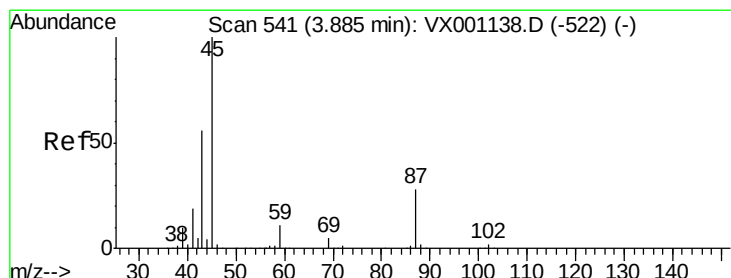
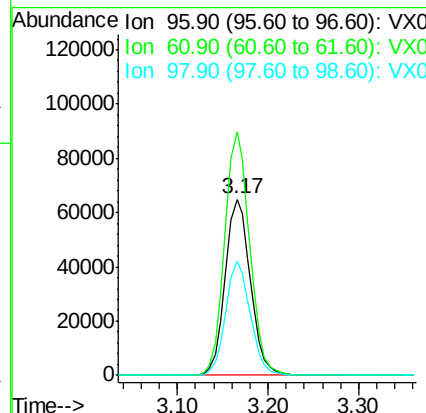
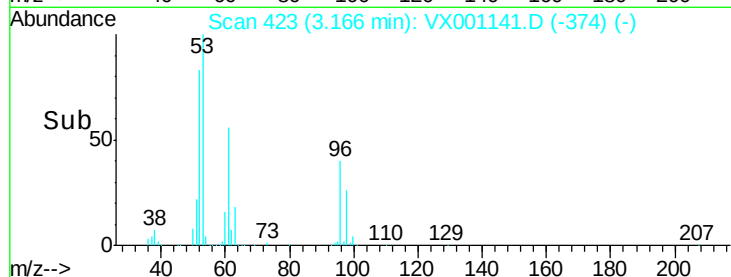
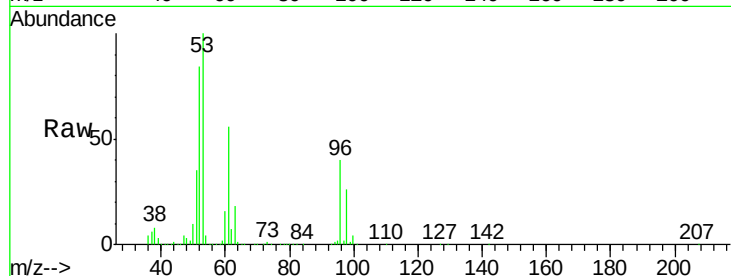
ClientSampleId :

ICVVX042618

Tot Ion:	96	Resp:	126124
Ion	Ratio	Lower	Upper
96	100		
61	138.4	111.9	167.9
98	64.8	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.95 ug/l

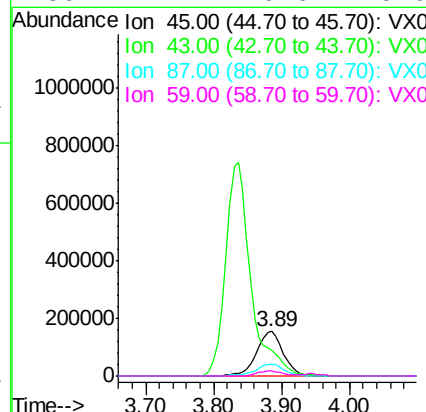
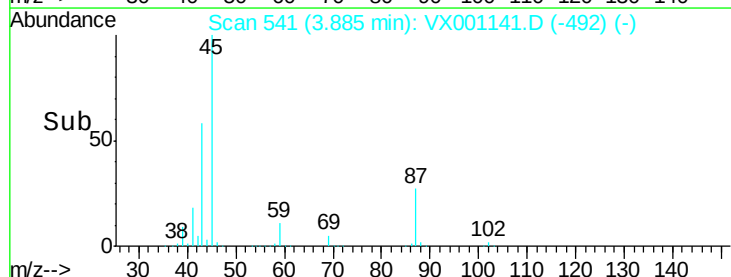
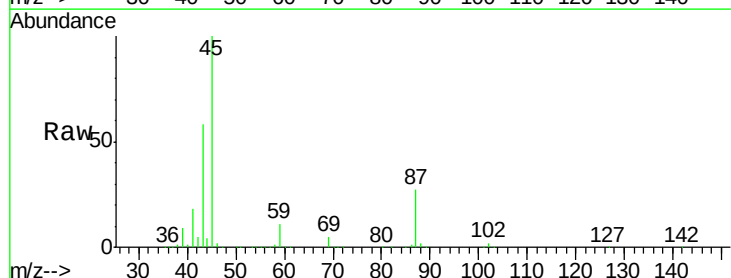
RT: 3.89 min Scan# 541

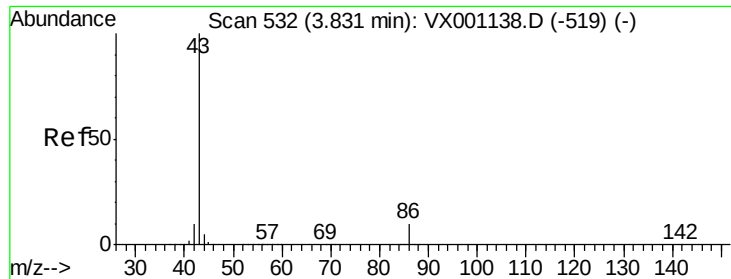
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	45	Resp:	428072
Ion	Ratio	Lower	Upper
45	100		
43	57.8	45.0	67.4
87	27.0	22.8	34.2
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 262.78 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 43 Resp: 1910564

Ion Ratio Lower Upper

43 100

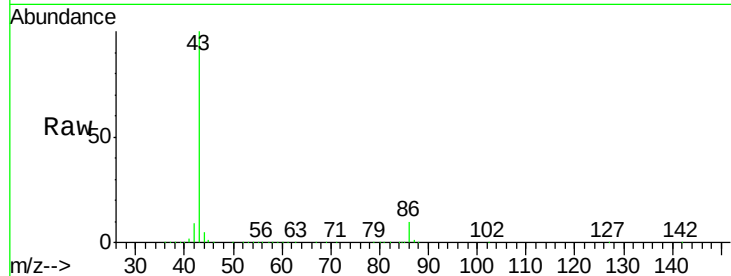
86 10.0 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

800000

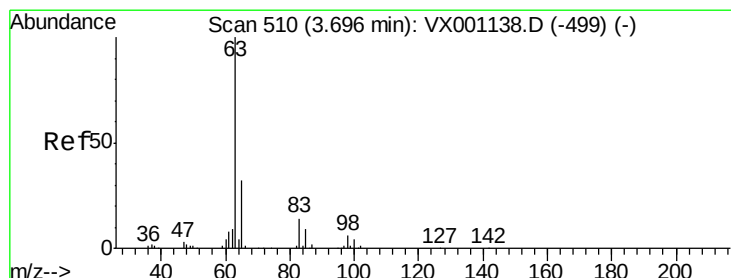
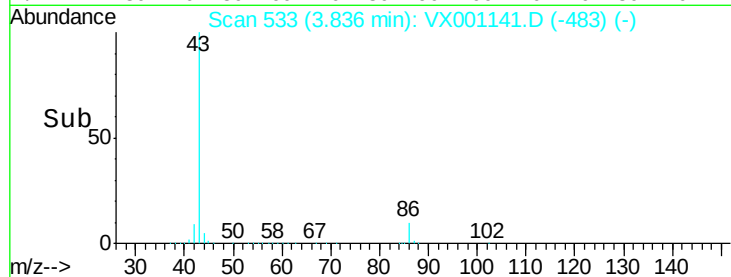
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

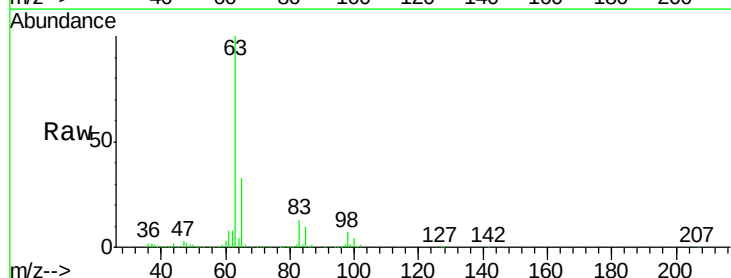
Tgt Ion: 63 Resp: 230792

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

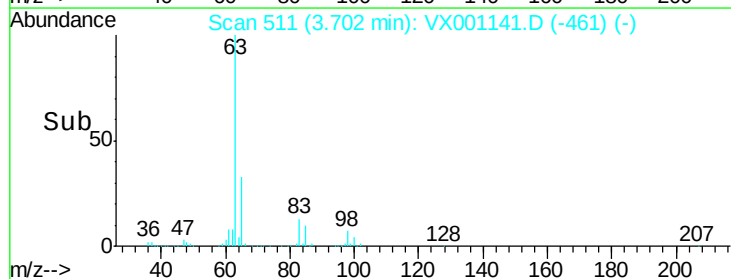
Ion 99.90 (99.60 to 100.60): VX0

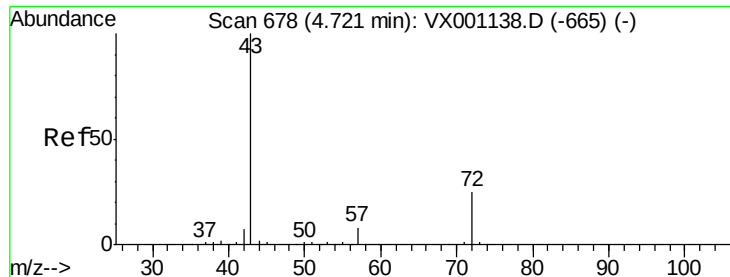
100000

50000

0

Time-->





#25

2-Butanone

Concen: 247.90 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tot Ion: 43 Resp: 549007

Ion Ratio Lower Upper

43 100

72 25.2 20.0 30.0

Instrument :

MSVOA_X

ClientSampleId :

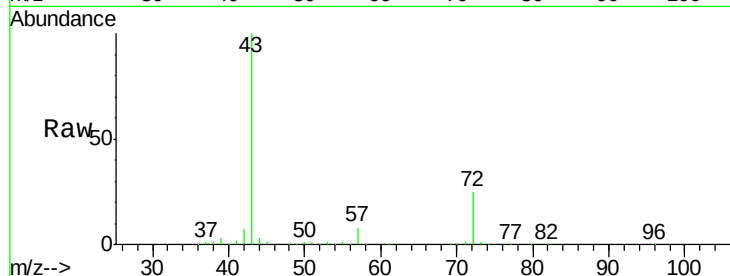
ICVVX042618

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

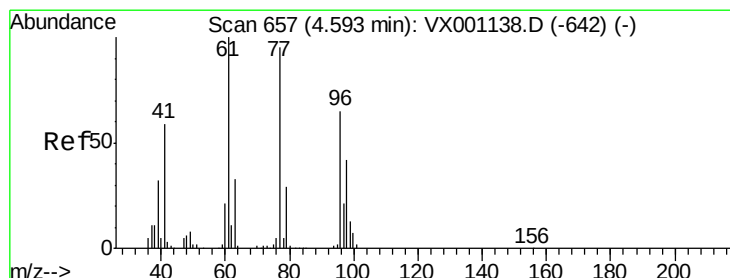
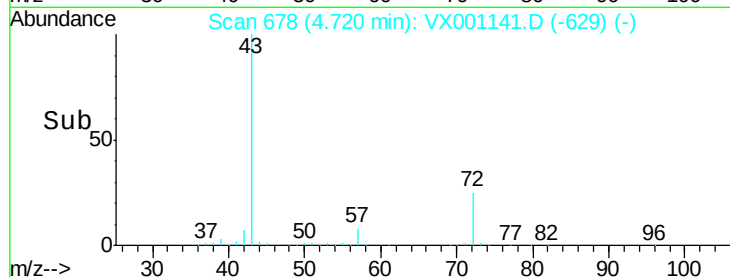
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.92 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001141.D

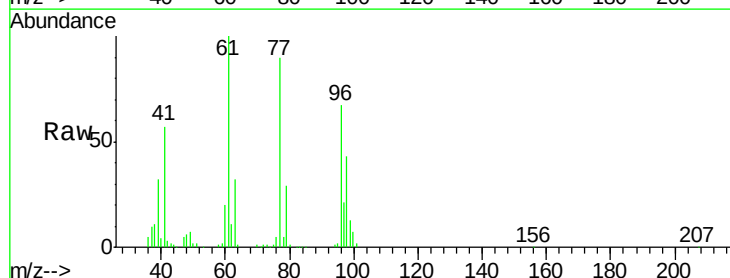
Acq: 26 Apr 2018 20:28

Tgt Ion: 77 Resp: 162812

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

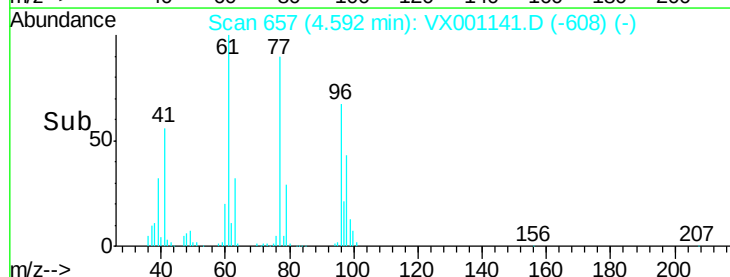
0

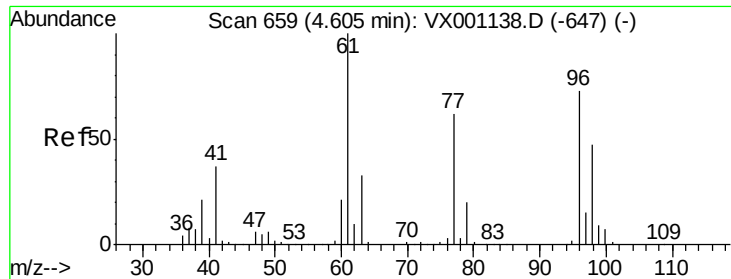
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.99 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tot Ion:	96	Resp:	142056
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	289.0
98	64.5	0.0	128.2

Instrument :

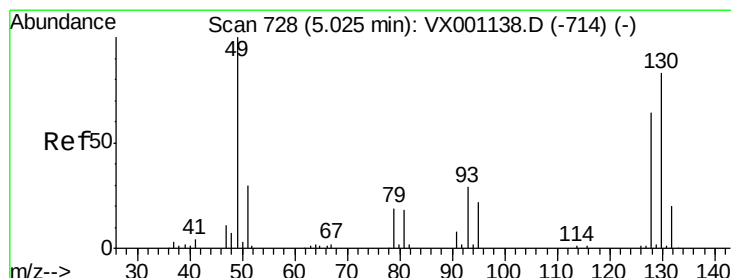
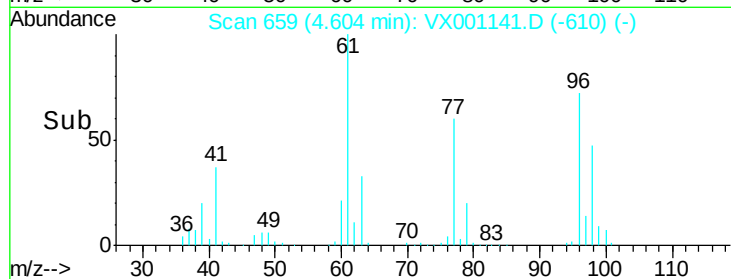
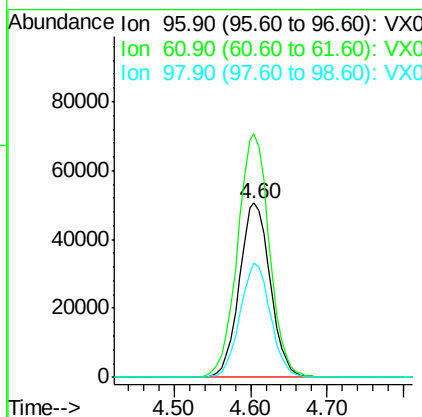
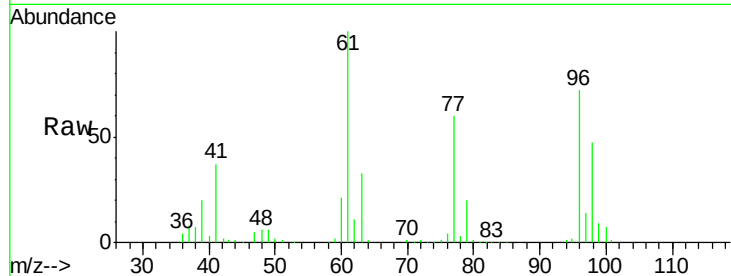
MSVOA_X

ClientSampleId :

ICVVX042618

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#28

Bromochloromethane

Concen: 48.85 ug/l

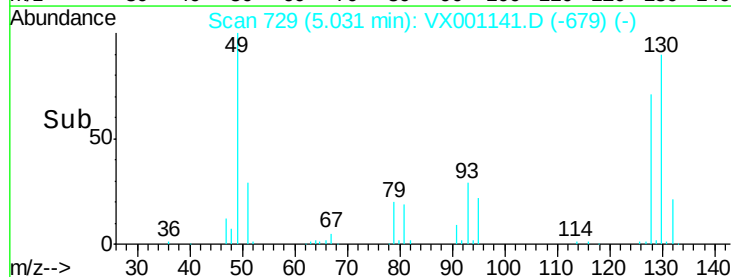
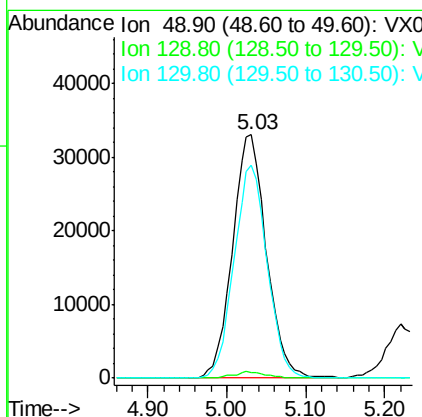
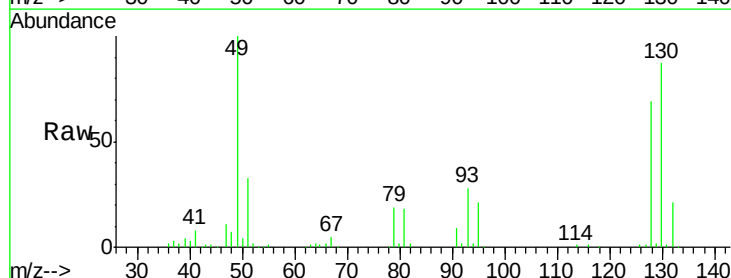
RT: 5.03 min Scan# 729

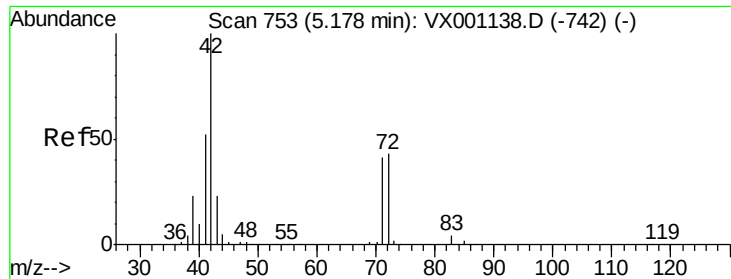
Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	49	Resp:	98652
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	85.7	68.2	102.2





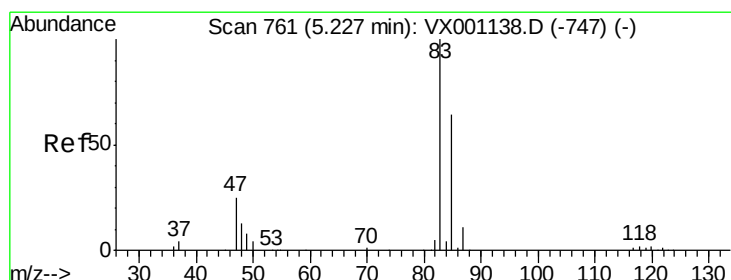
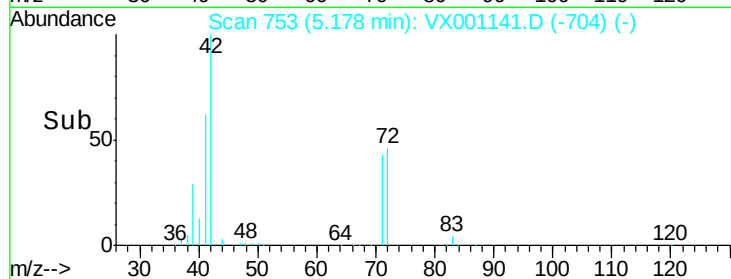
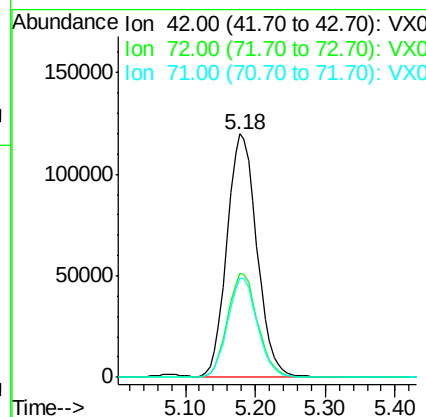
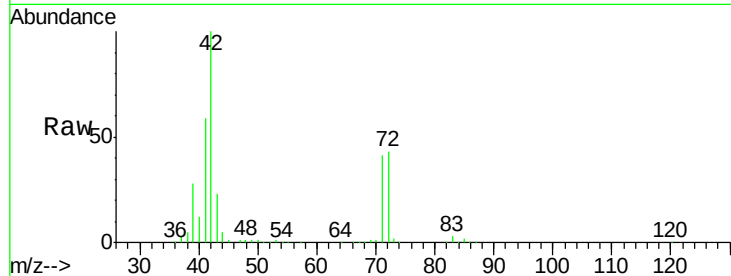
#29
Tetrahydrofuran
Concen: 250.09 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.4	51.6
71	40.4	32.1	48.1

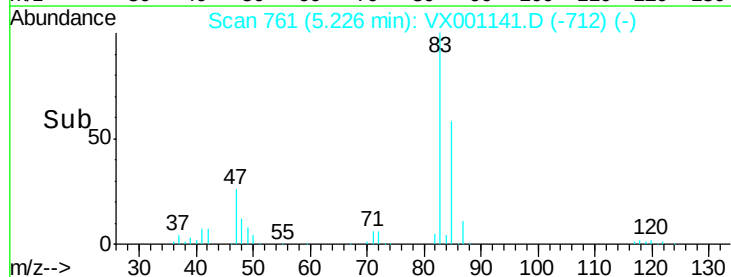
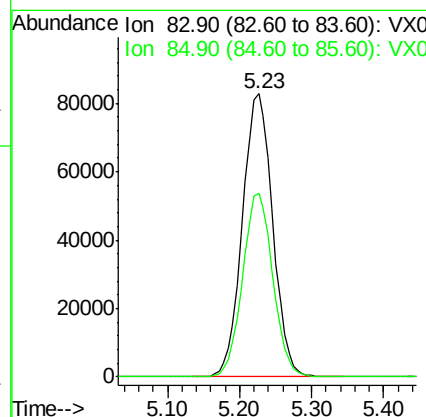
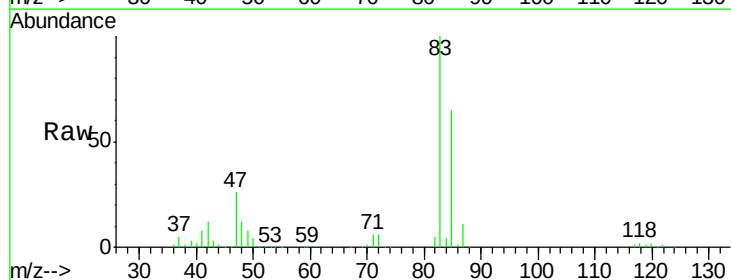
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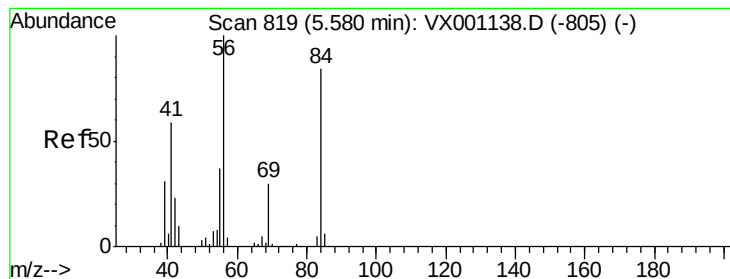
MMDadoda
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#30
Chloroform
Concen: 50.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0





#31

Cyclohexane

Concen: 45.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

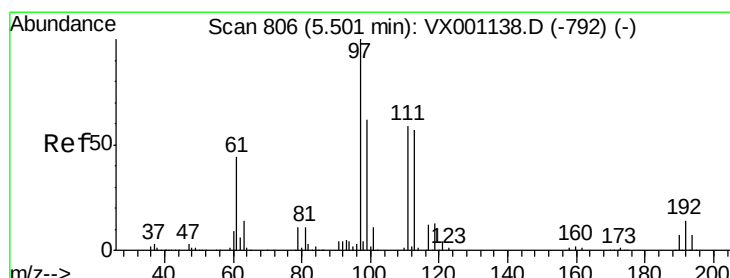
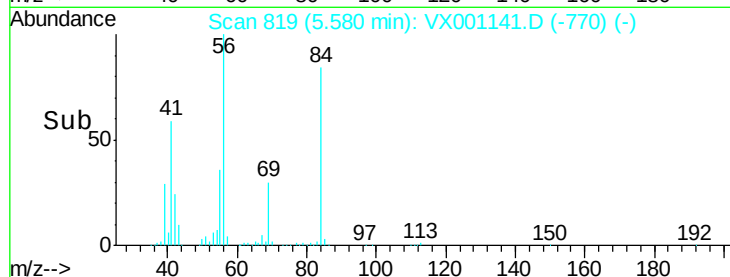
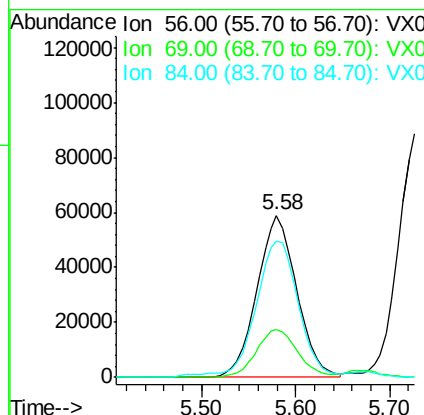
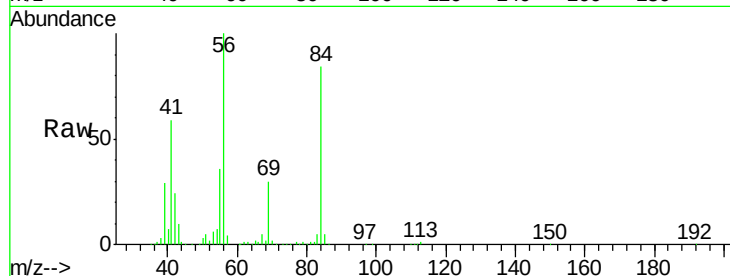
ClientSampleId :

ICVX042618

Tot Ion:	56	Resp:	173753
Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.2	36.2
84	82.4	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 50.74 ug/l

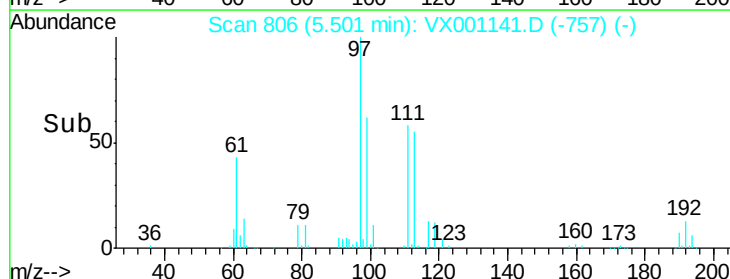
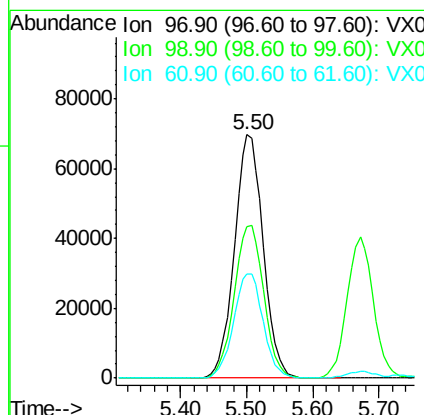
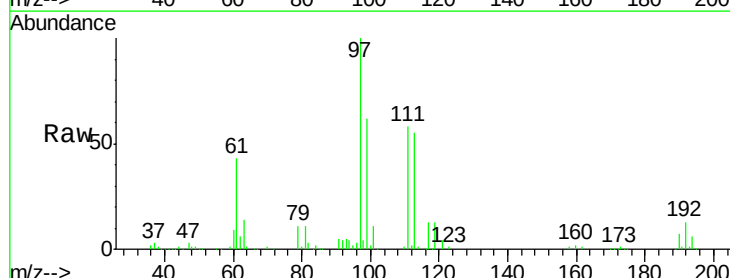
RT: 5.50 min Scan# 806

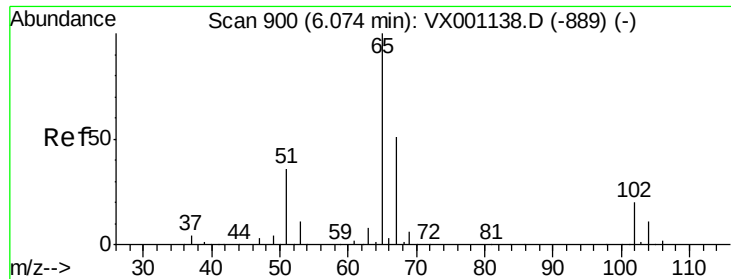
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	97	Resp:	209799
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.9	76.3
61	44.1	35.0	52.6





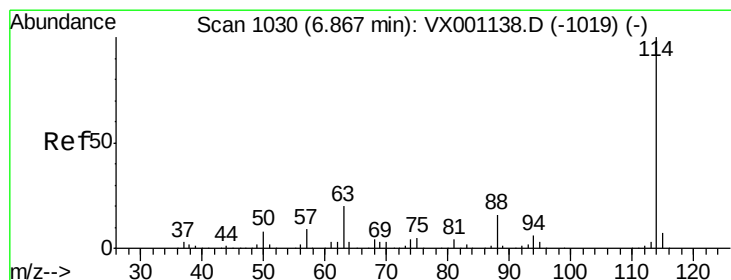
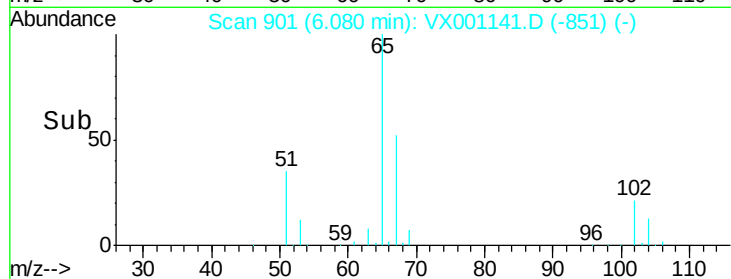
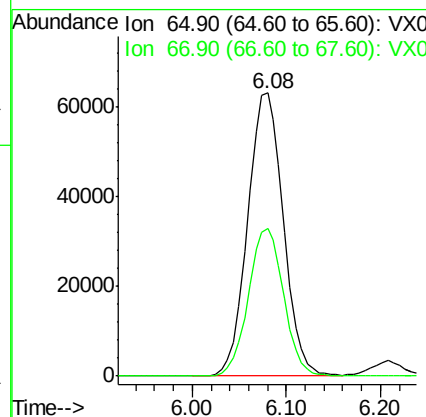
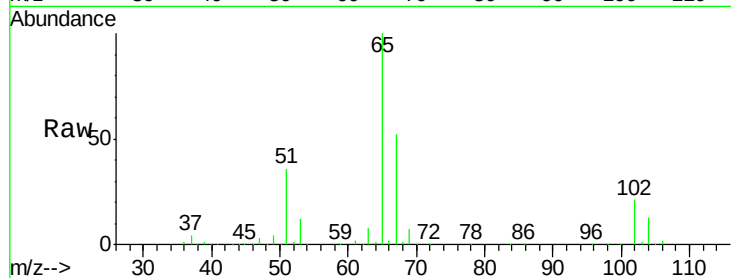
#33
 1,2-Dichloroethane-d4
 Concen: 46.58 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167647		
67	51.5	0.0	102.2	

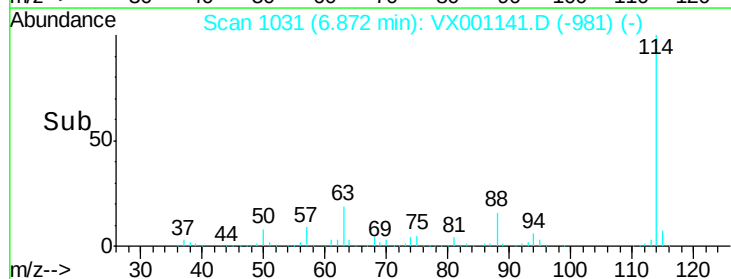
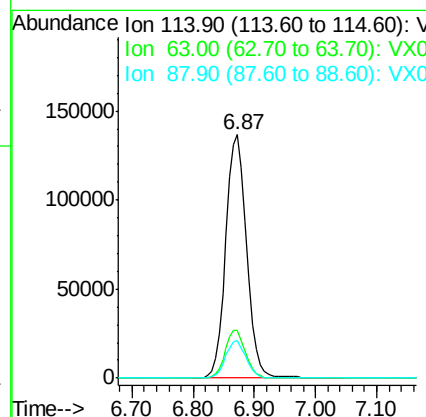
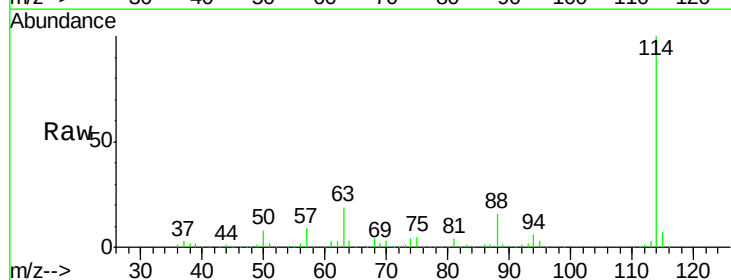
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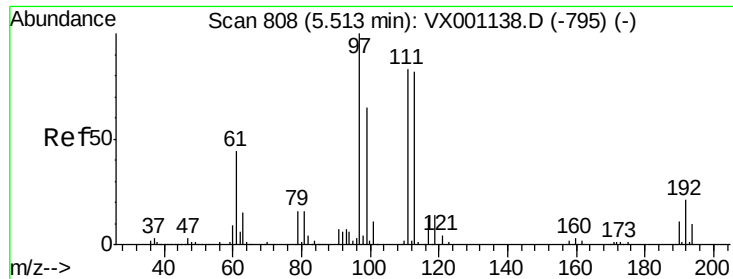
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	322304		
63	19.4	0.0	40.4	
88	15.5	0.0	31.8	





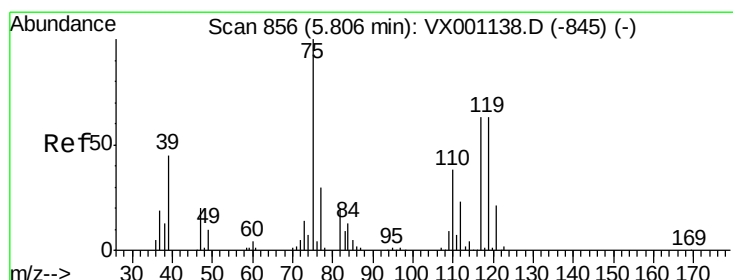
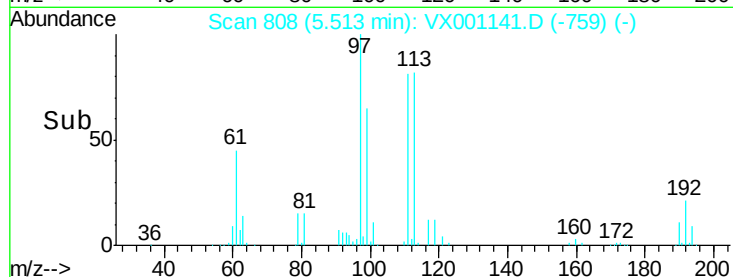
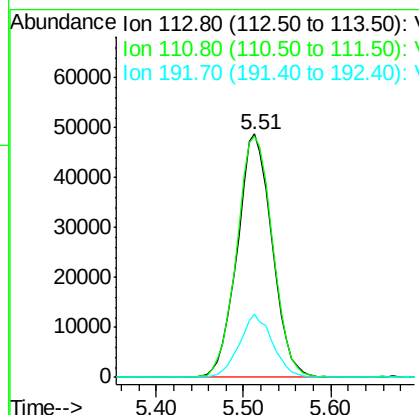
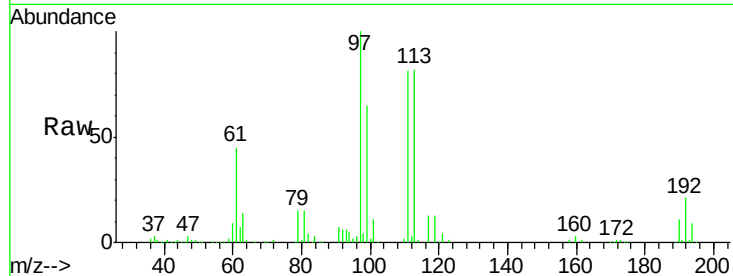
#35
 Dibromofluoromethane
 Concen: 50.48 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134670		
111	102.1	82.2	123.4	
192	24.8	20.6	30.8	

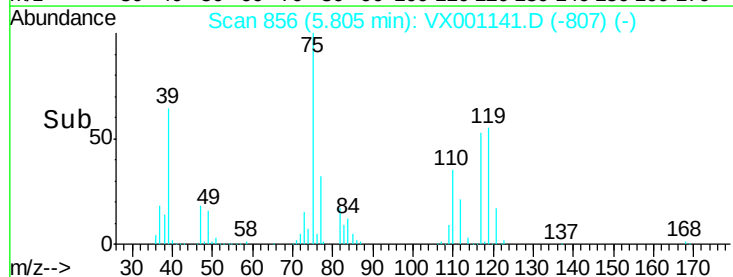
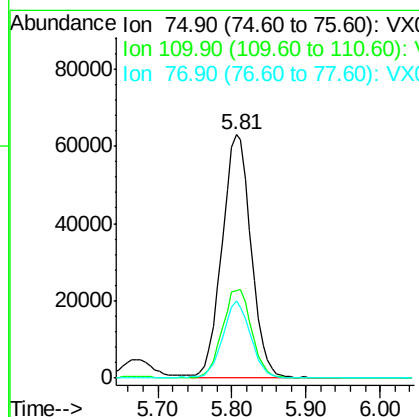
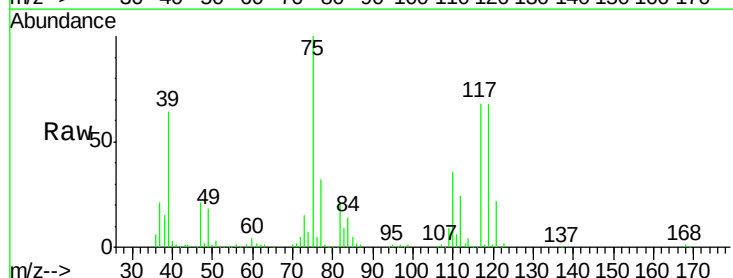
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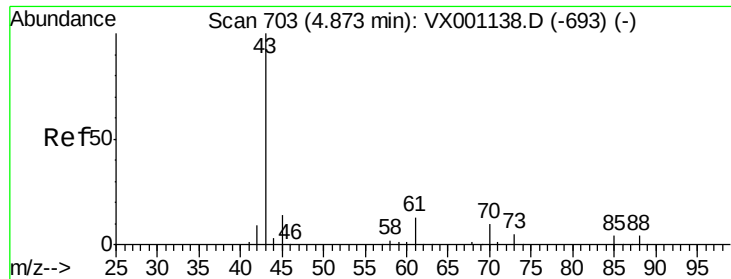
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#36
 1,1-Dichloropropene
 Concen: 47.95 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170291		
110	37.0	19.0	57.0	
77	31.1	24.8	37.2	





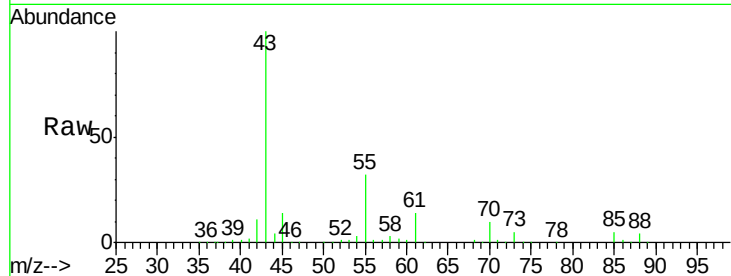
#37
Ethyl Acetate
Concen: 50.18 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	10.1	8.2	12.2

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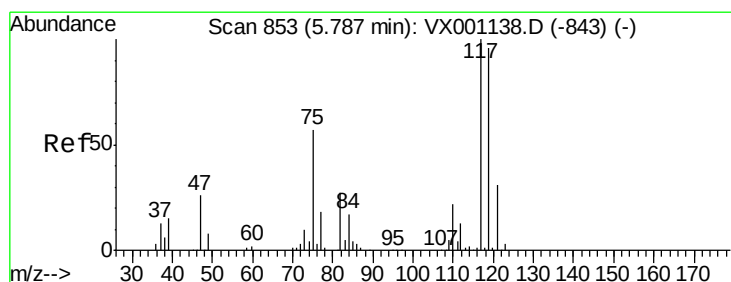
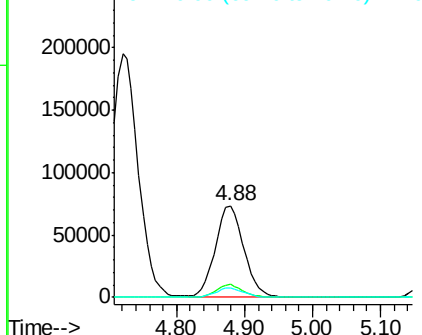
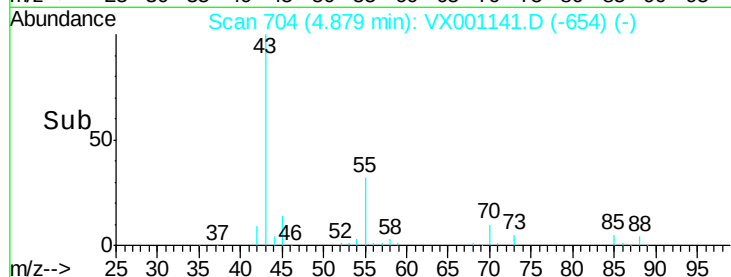


Abundance

Ion 43.00 (42.70 to 43.70): VX0

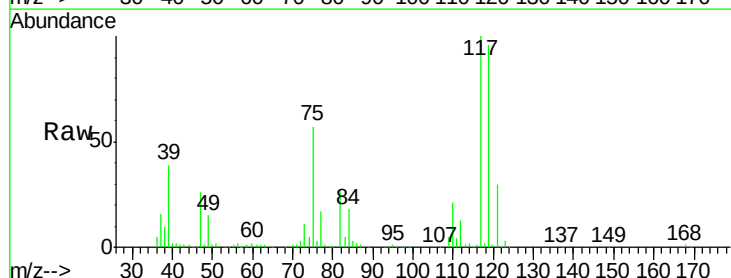
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 49.51 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
121	30.5	24.6	37.0

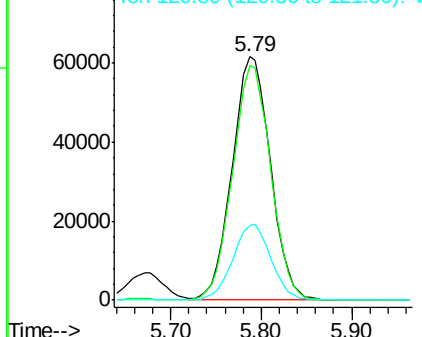
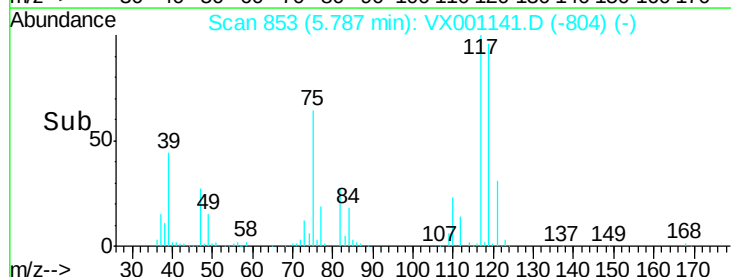


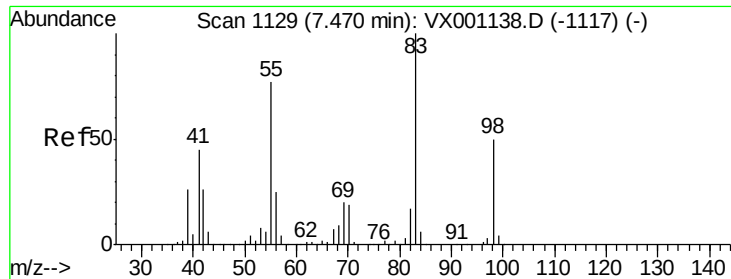
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





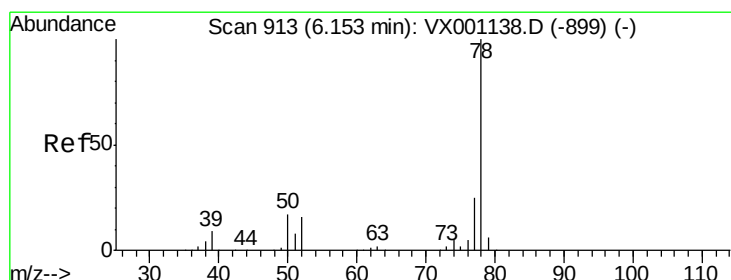
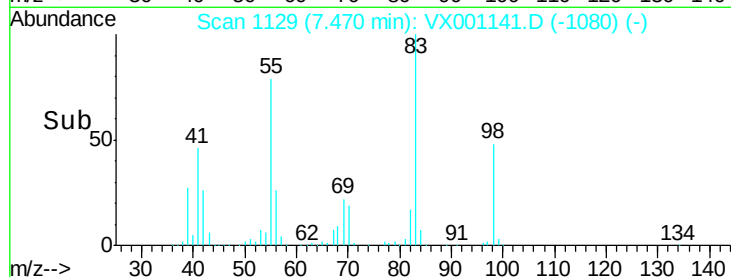
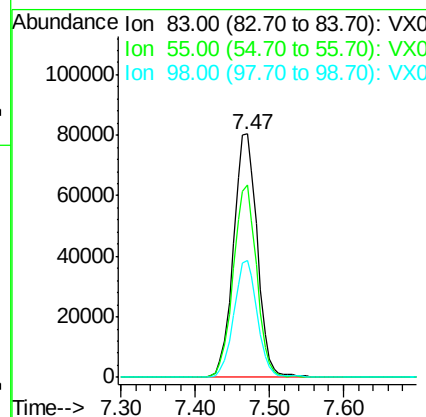
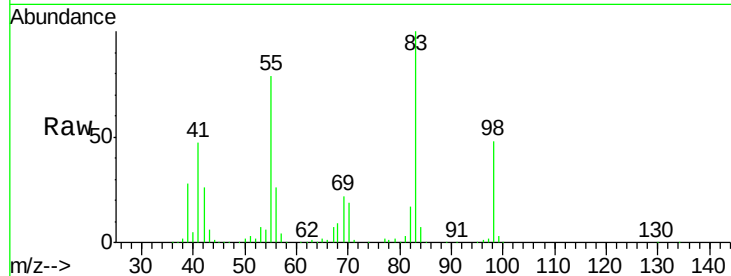
#39
Methylvlcyclohexane
Concen: 45.88 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	83	Resp	180344
Ion Ratio	Lower	Upper	
83	100		
55	79.1	61.8	92.6
98	47.8	40.0	60.0

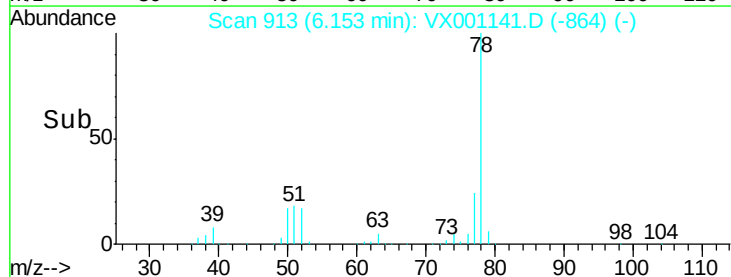
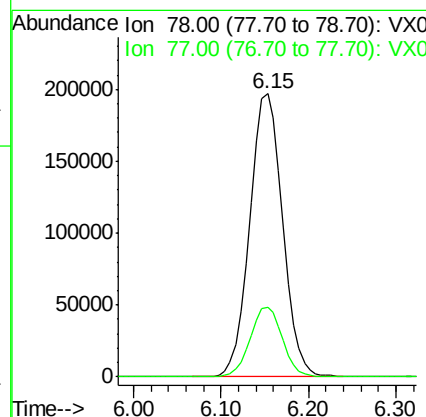
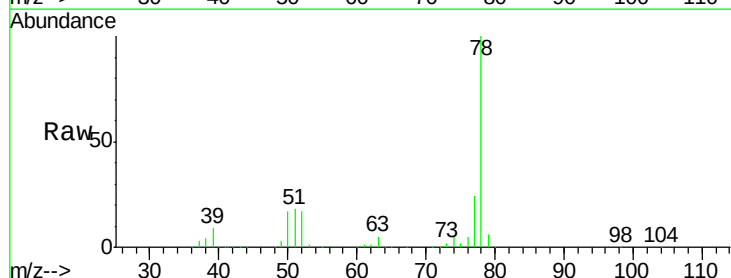
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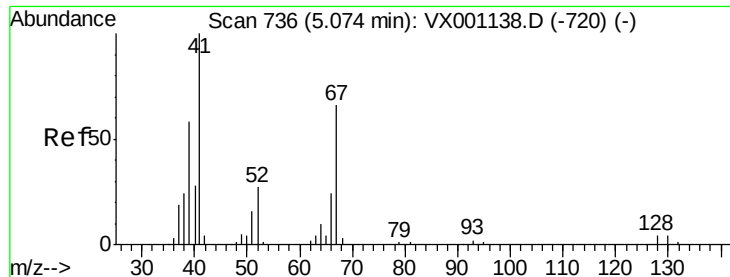
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#40
Benzene
Concen: 50.23 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	78	Resp	516108
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.7	29.5





#41

Methacrylonitrile

Concen: 50.93 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

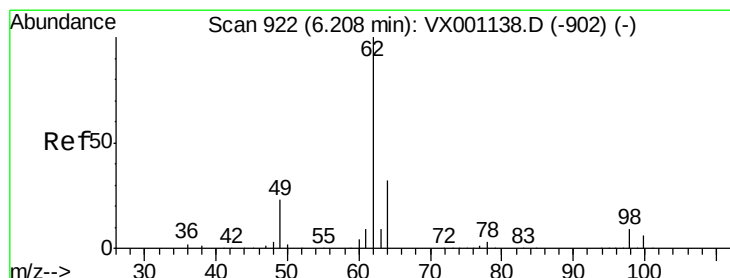
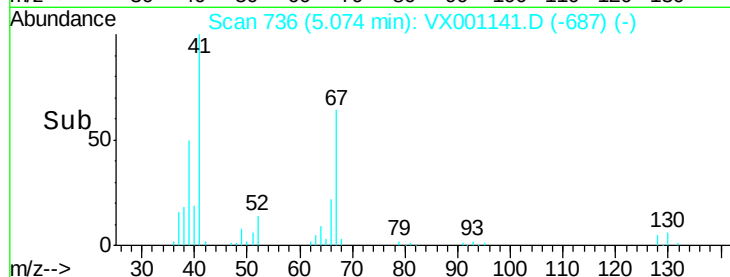
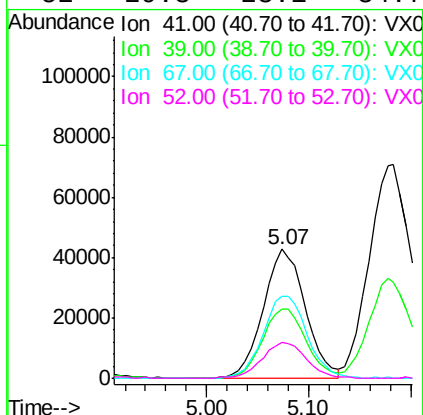
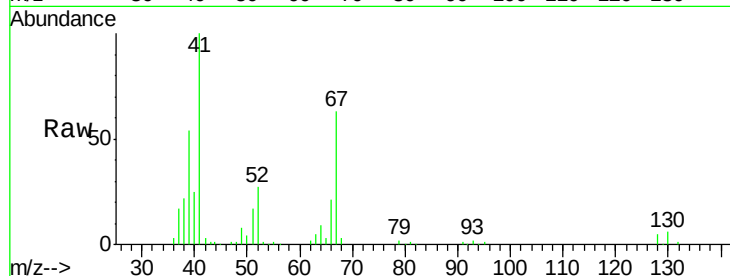
ClientSampleId :

ICVVX042618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		121718		
39	55.6	45.9	68.9		
67	66.6	53.2	79.8		
52	29.3	23.1	34.7		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.43 ug/l

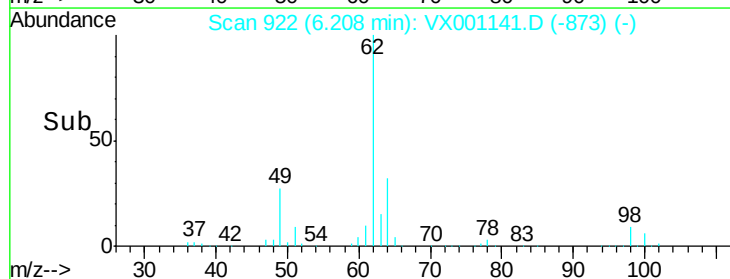
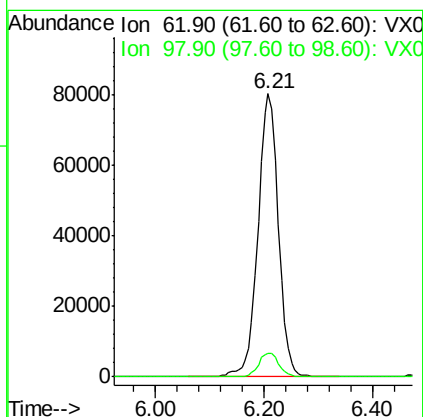
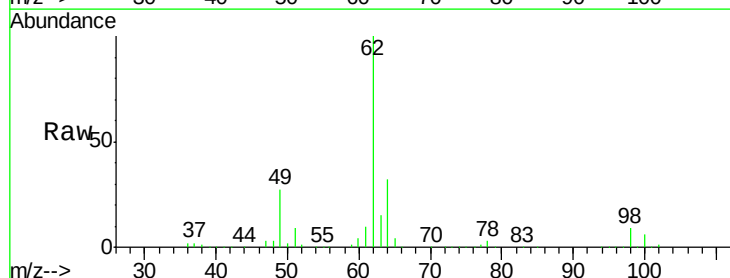
RT: 6.21 min Scan# 922

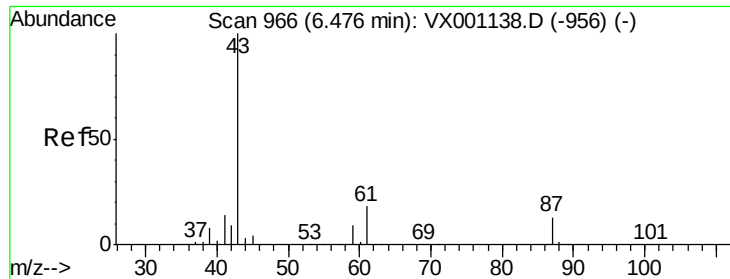
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		208793		
98	8.4	0.0	17.0		





#43

Isopropyl Acetate

Concen: 51.41 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

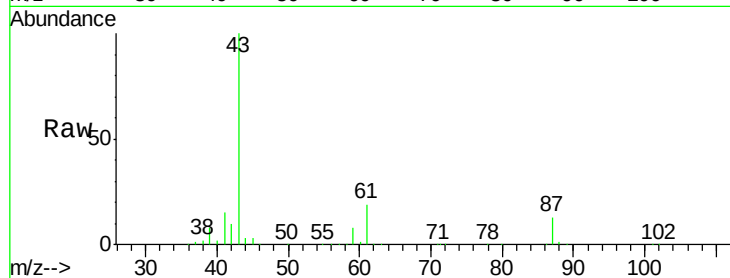
ClientSampleId :

ICVVX042618

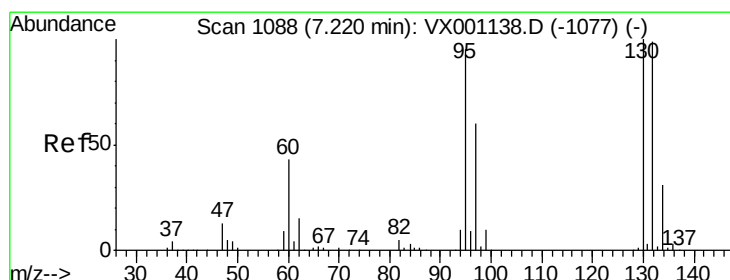
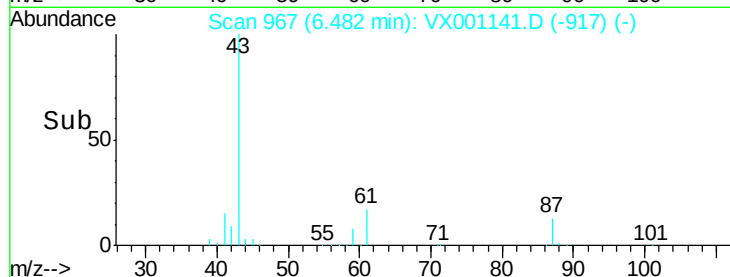
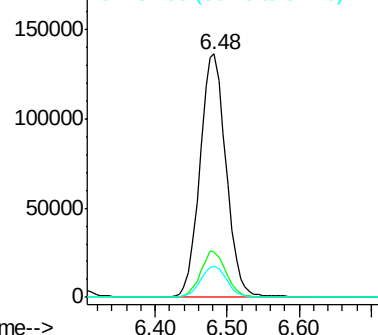
Tot Ion:	43	Resp:	343421
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.6
87	12.9	10.3	15.5

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



#44

Trichloroethene

Concen: 48.87 ug/l

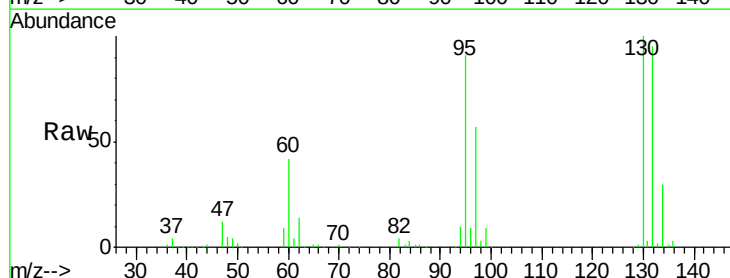
RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

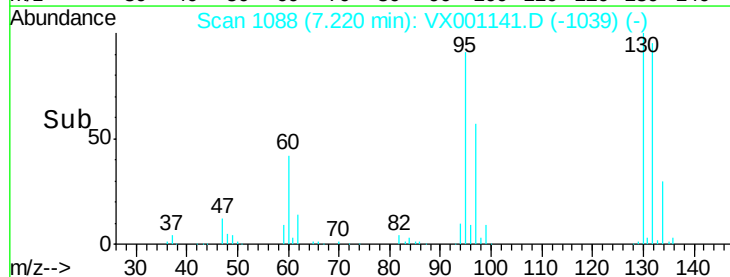
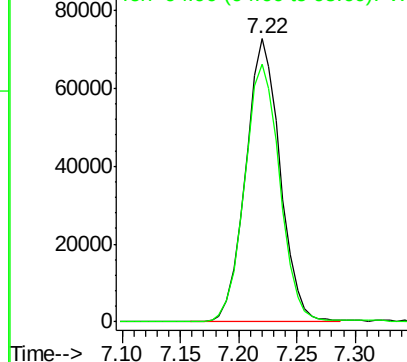
Lab File: VX001141.D

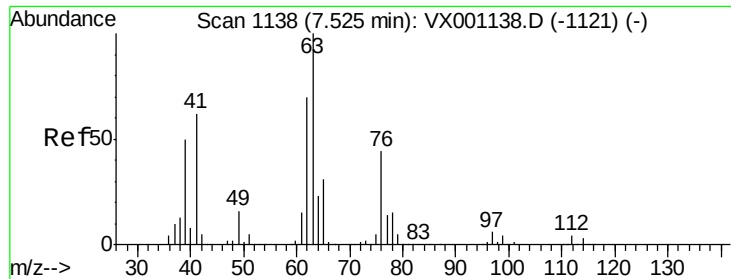
Acq: 26 Apr 2018 20:28

Tgt Ion:	130	Resp:	149594
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	189.6



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





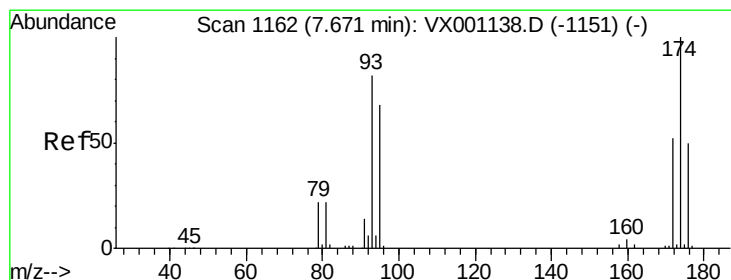
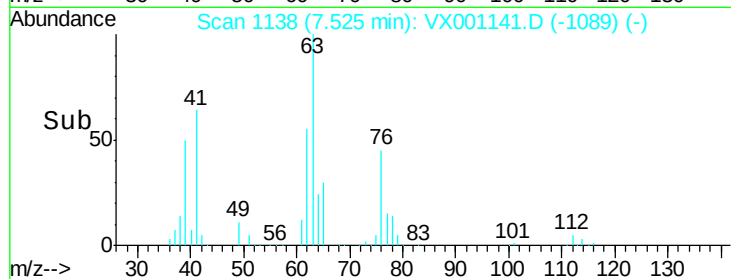
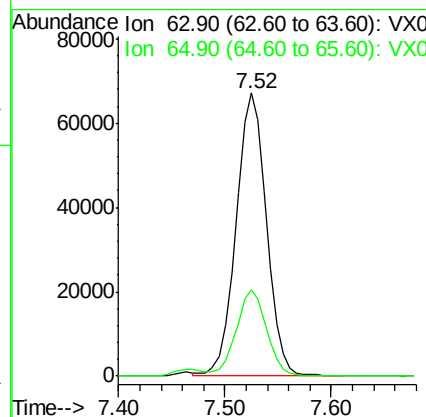
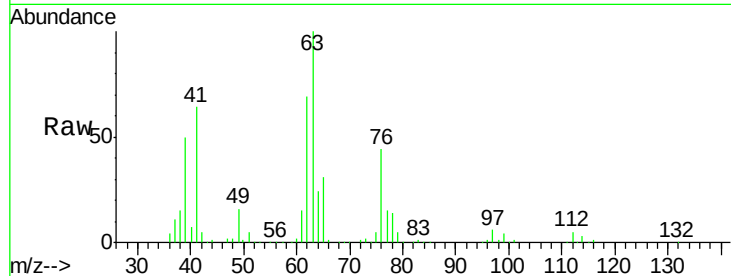
#45
 1,2-Dichloropropane
 Concen: 49.39 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3

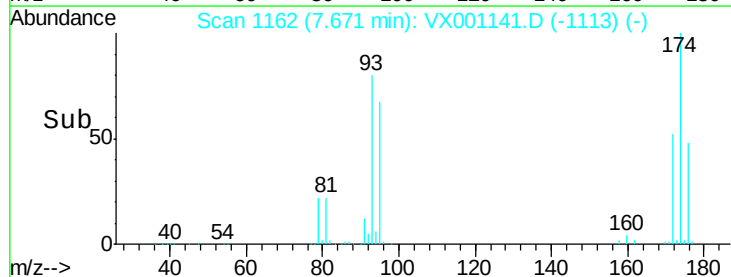
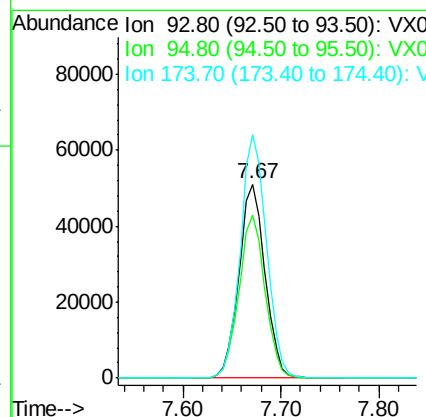
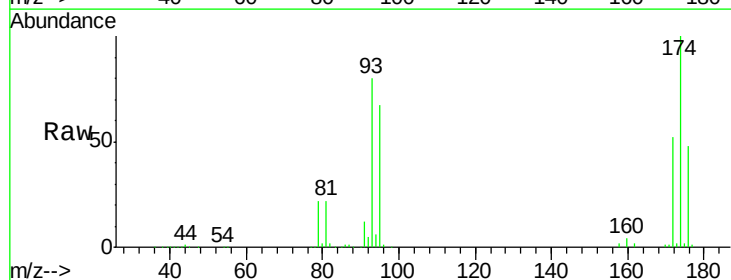
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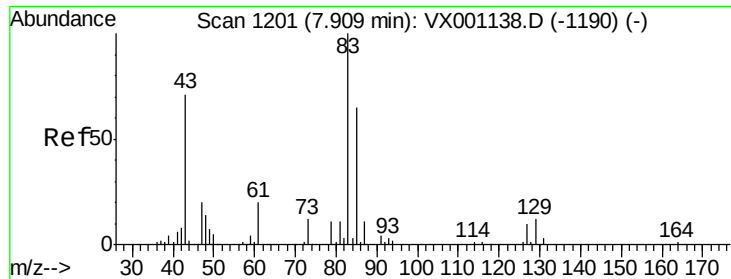
MMDadoda
 4/30/2018 6:03:27 PM



#46
 Dibromomethane
 Concen: 50.69 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.4	99.6
174	125.4	99.6	149.4





#47

Bromodichloromethane

Concen: 53.06 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

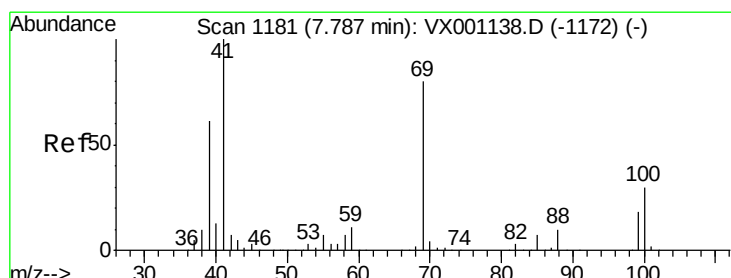
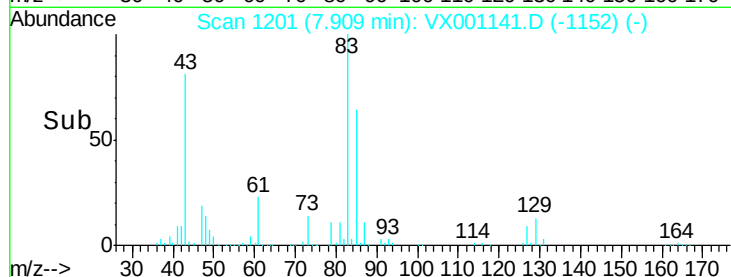
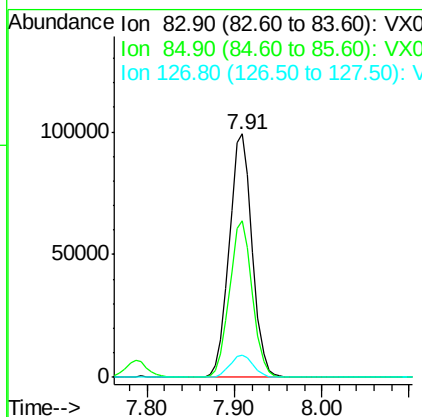
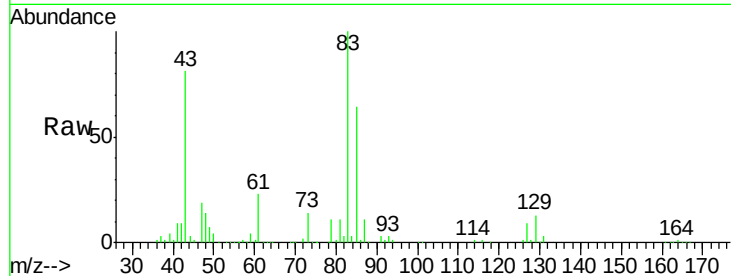
ClientSampleId :

ICVVX042618

Tot Ion:	83	Resp:	180389
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.9	77.9
127	9.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.62 ug/l

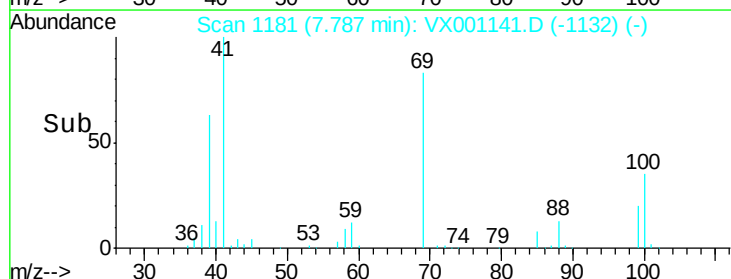
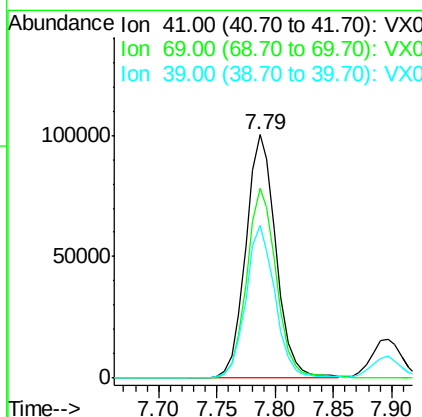
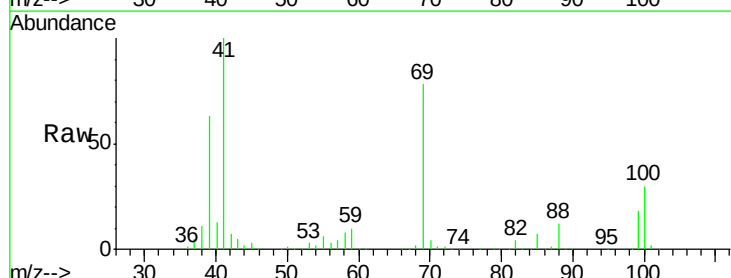
RT: 7.79 min Scan# 1181

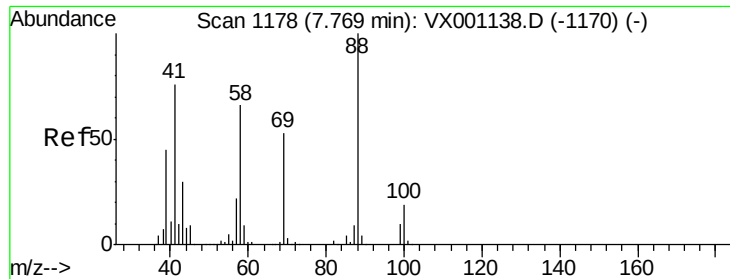
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	41	Resp:	179738
Ion Ratio	Lower	Upper	
41	100		
69	77.3	62.4	93.6
39	60.9	48.7	73.1





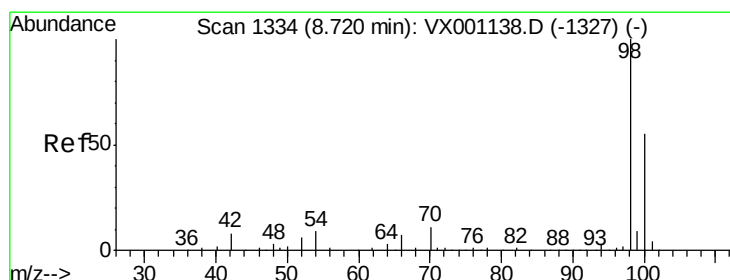
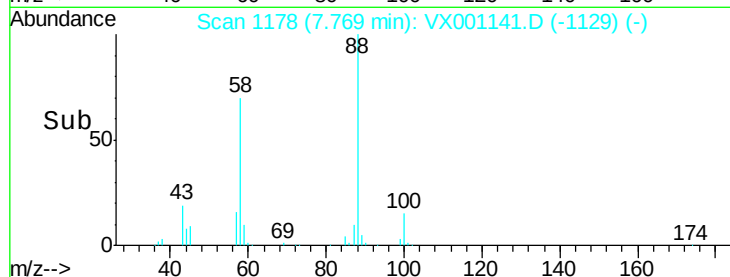
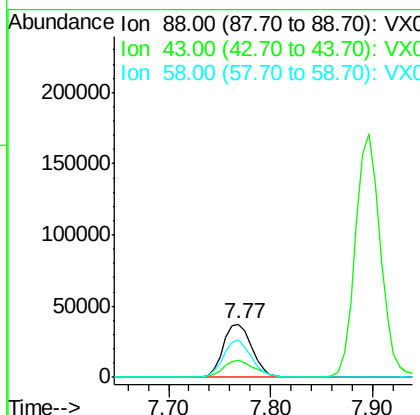
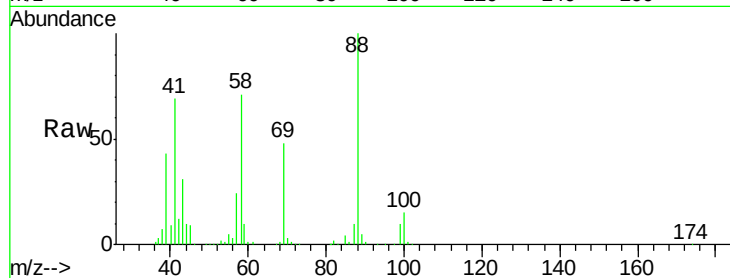
#49
1,4-Dioxane
Concen: 1027.39 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.3	40.9
58	69.0	54.2	81.4

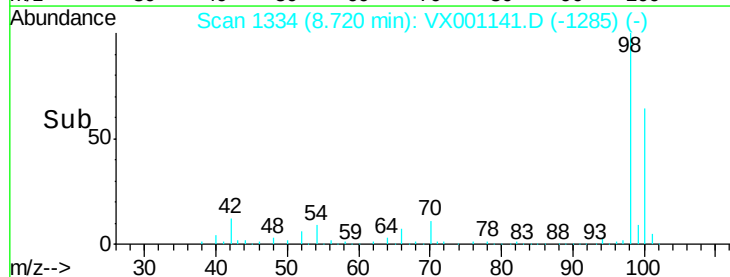
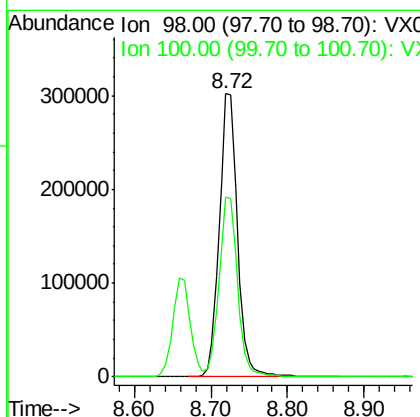
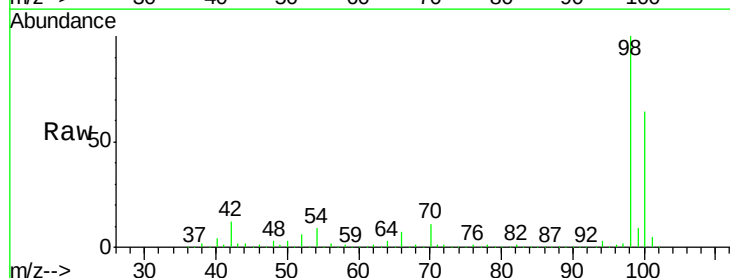
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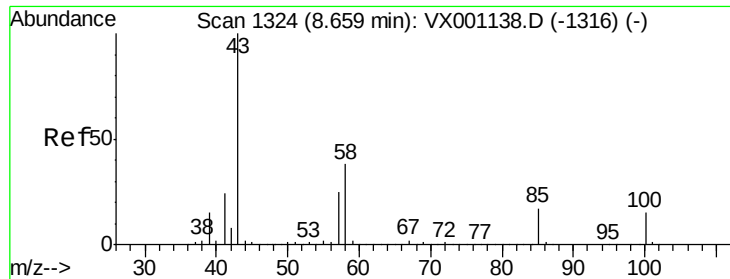
MMDadoda
4/30/2018 6:03:27 PM



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 260.14 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 43 Resp: 1141452

Ion Ratio Lower Upper

43 100

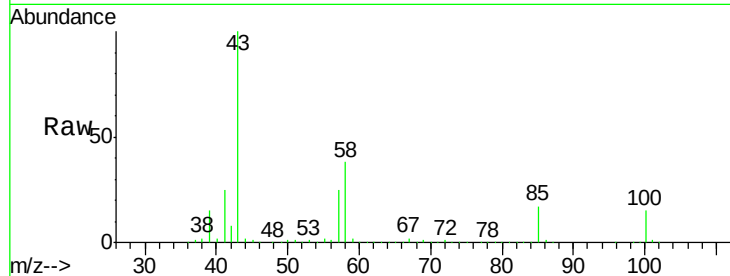
58 37.8 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

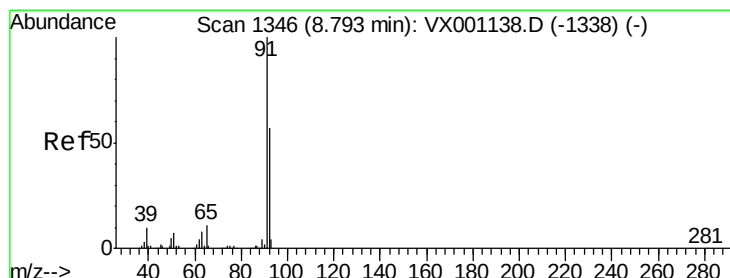
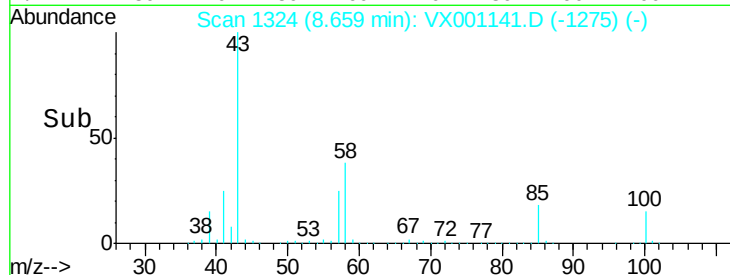
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.55 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001141.D

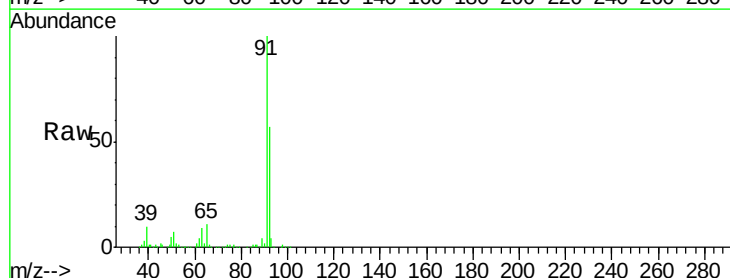
Acq: 26 Apr 2018 20:28

Tgt Ion: 92 Resp: 339643

Ion Ratio Lower Upper

92 100

91 173.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

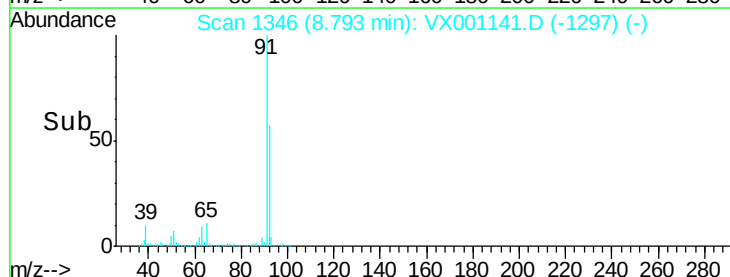
300000

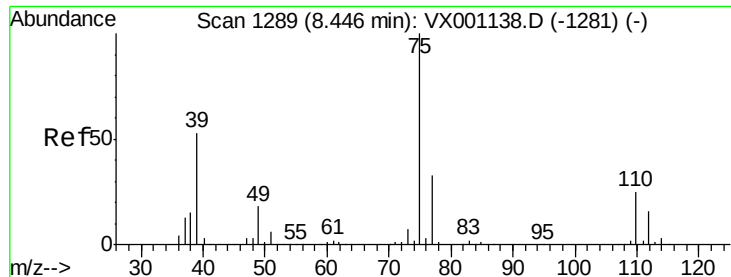
200000

100000

0

Time-->





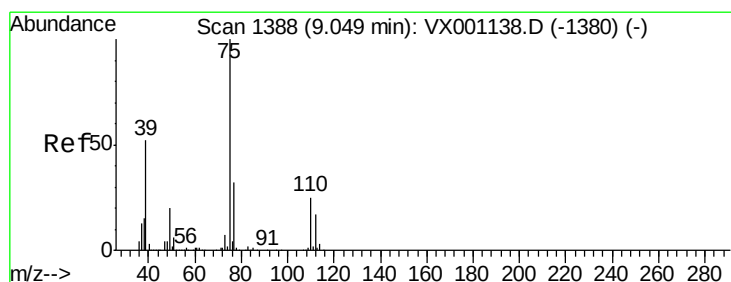
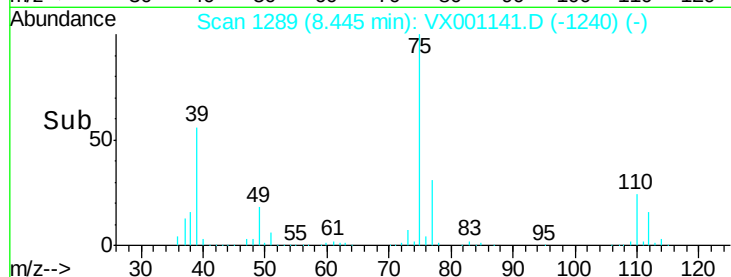
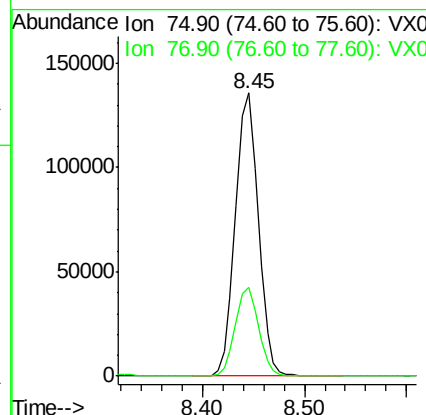
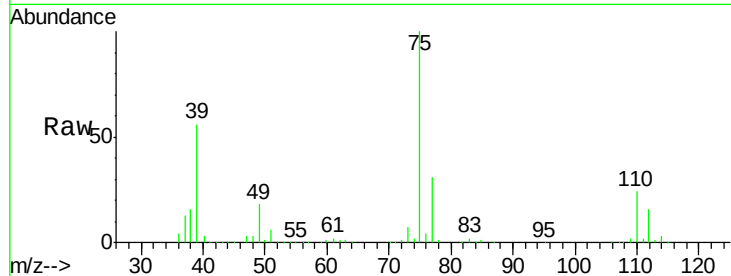
#53
 t-1,3-Dichloropropene
 Concen: 53.46 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion: 75 Resp: 211308
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4

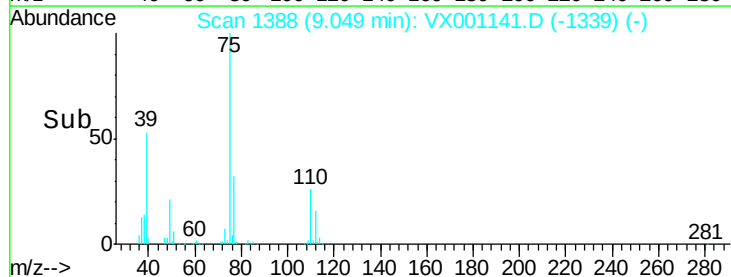
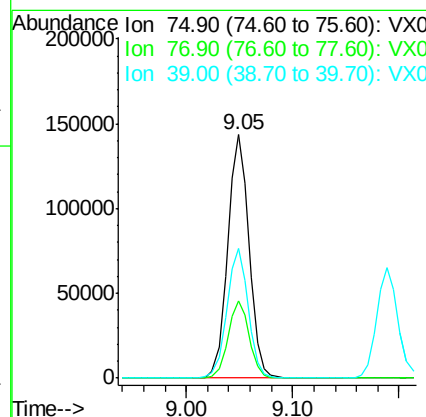
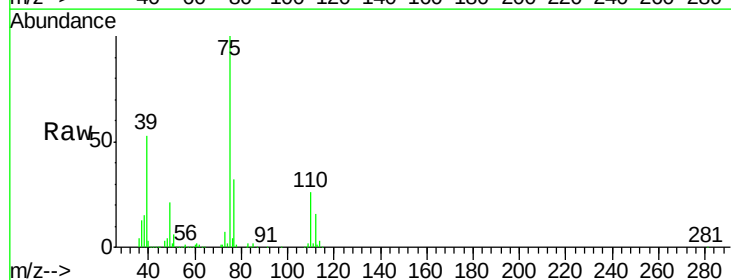
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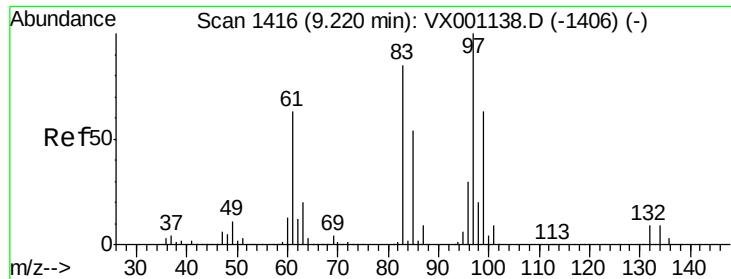
MMDadoda
 4/30/2018 6:03:27 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.11 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion: 75 Resp: 201318
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2
 39 53.0 42.0 63.0





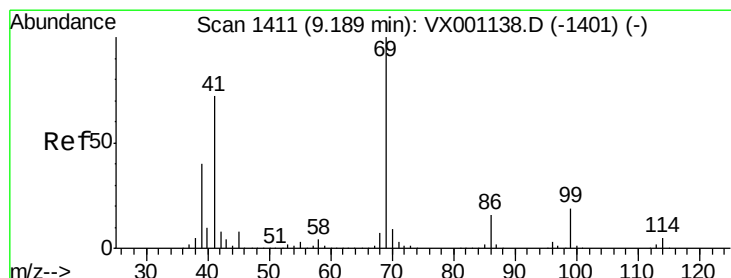
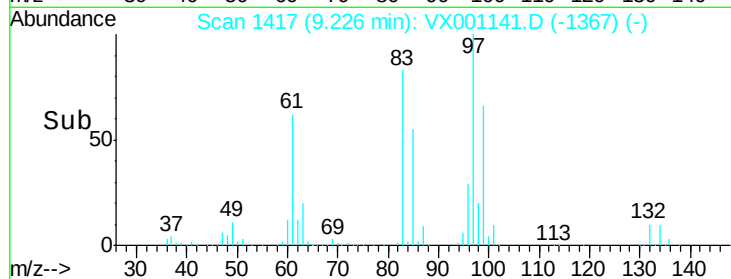
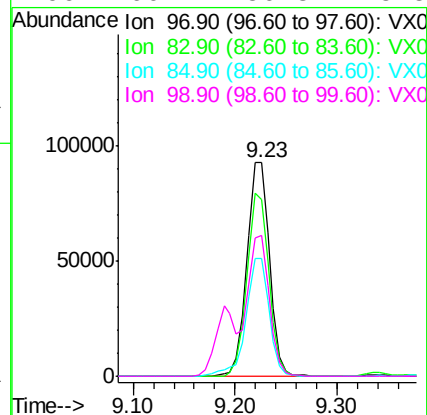
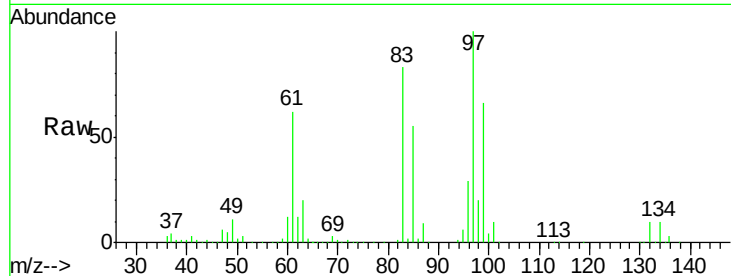
#55
 1,1,2-Trichloroethane
 Concen: 50.14 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion:	97	Resp:	142535
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.0	102.0
85	55.2	42.9	64.3
99	66.1	50.3	75.5

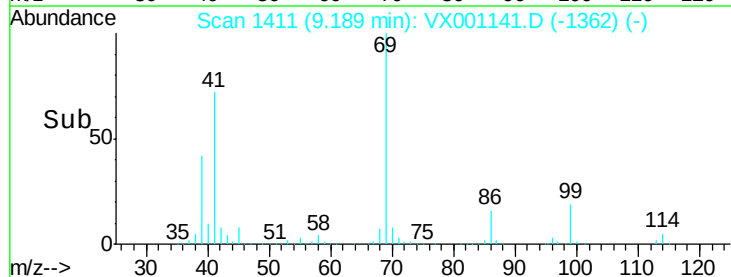
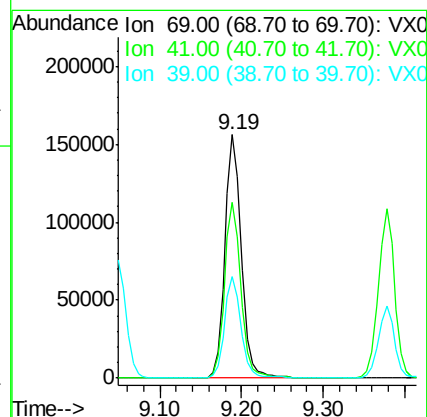
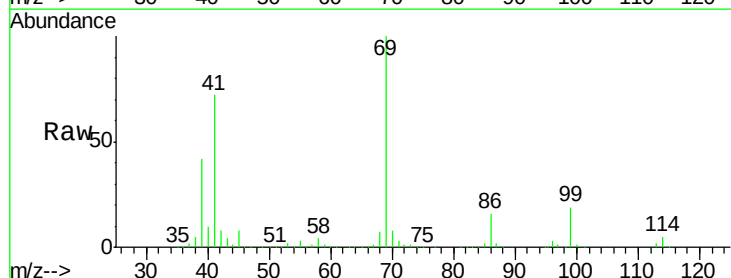
Manual Integrations
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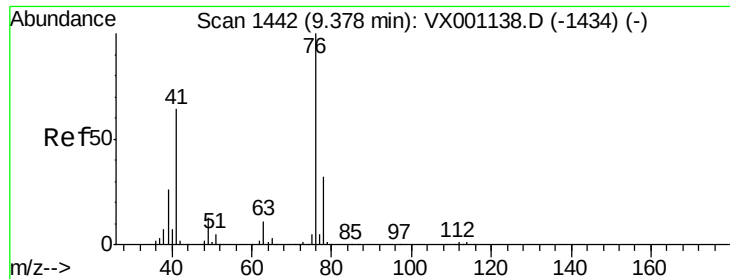
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#56
 Ethyl methacrylate
 Concen: 52.53 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion:	69	Resp:	221241
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.7	86.5
39	41.7	33.3	49.9





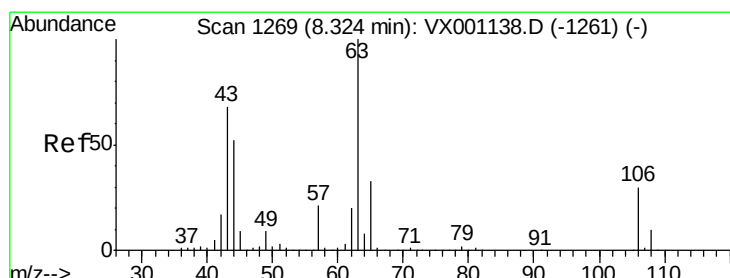
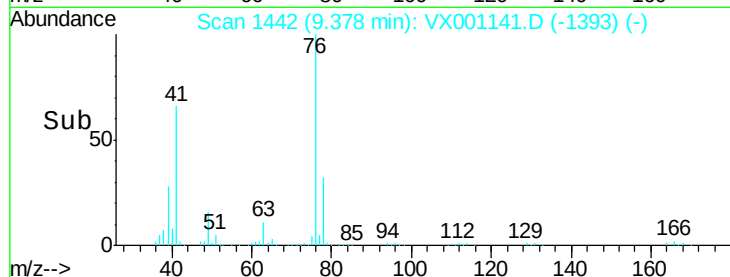
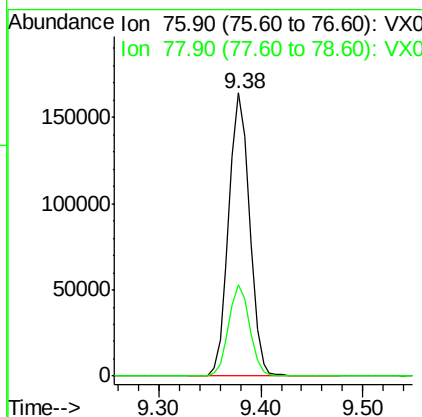
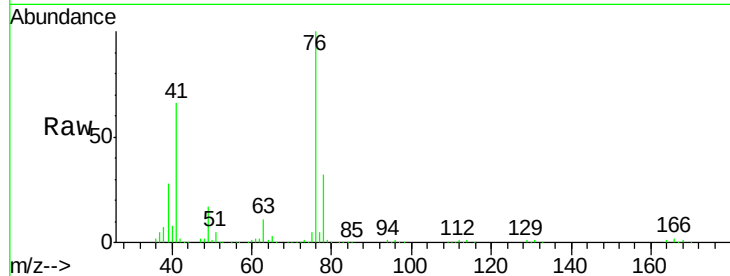
#57
 1,3-Dichloropropane
 Concen: 50.49 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

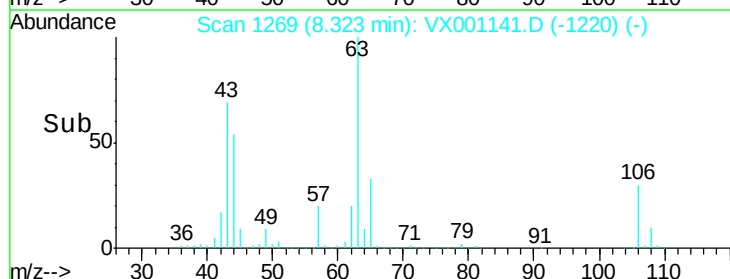
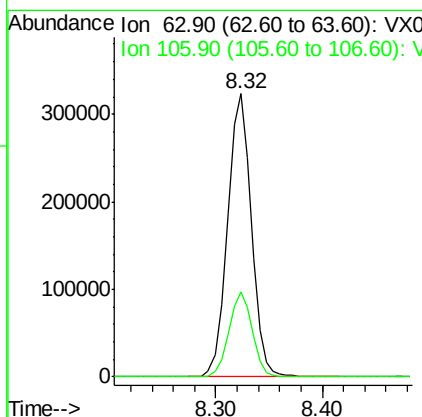
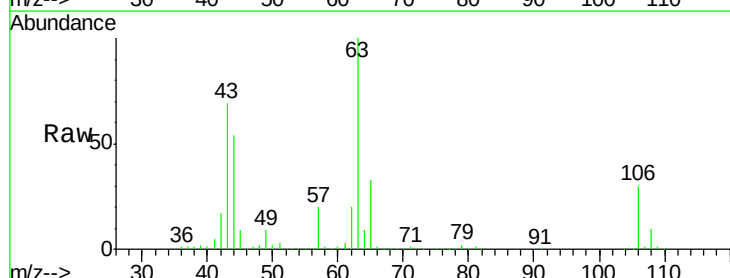
Manual Integrations
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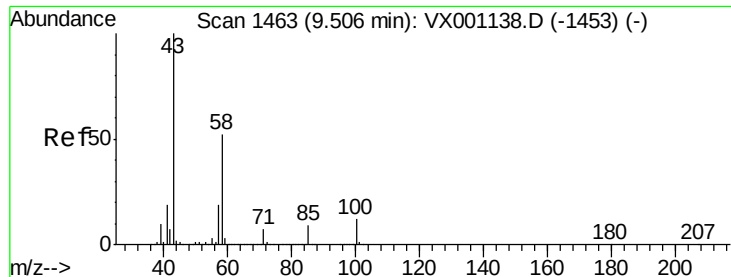
MMDadoda
 4/30/2018 6:03:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.39 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.7	35.5





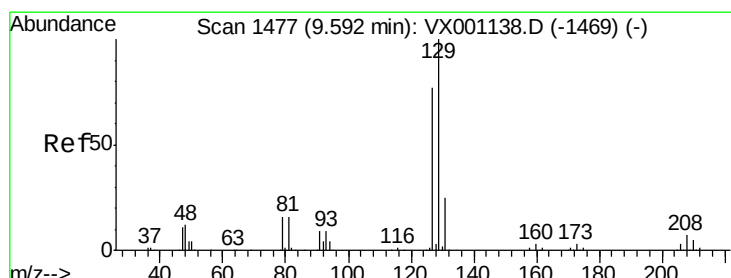
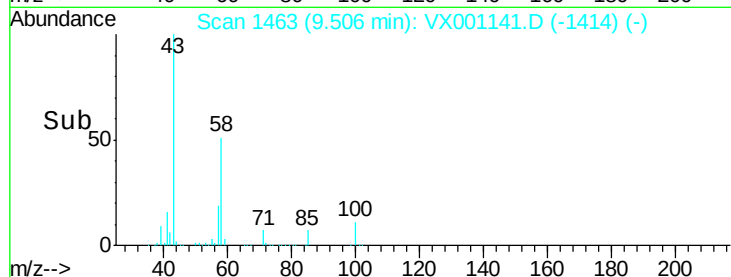
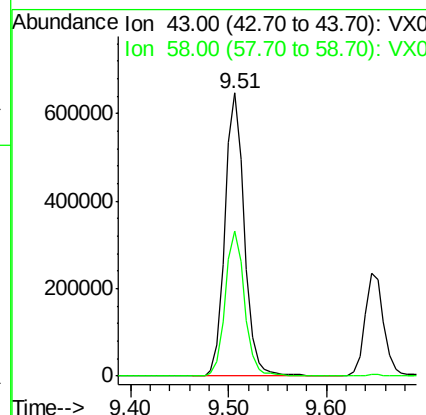
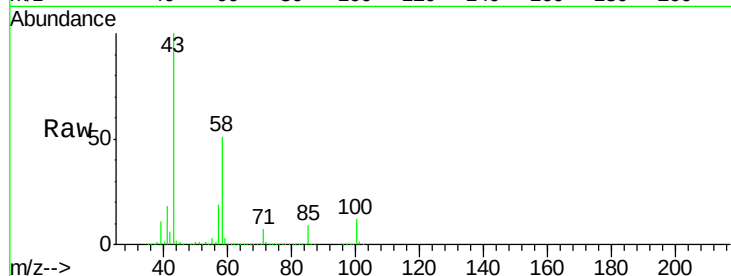
#59
2-Hexanone
Concen: 259.65 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion: 43 Resp: 892660
Ion Ratio Lower Upper
43 100
58 51.1 25.8 77.4

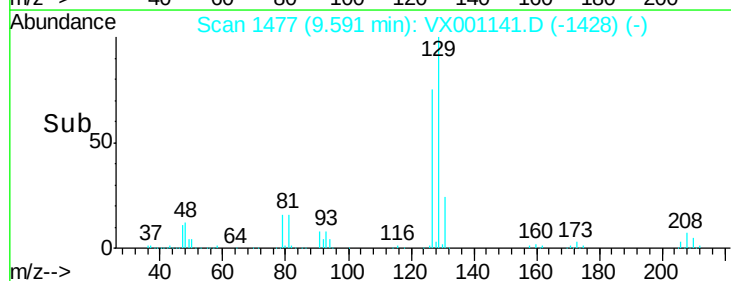
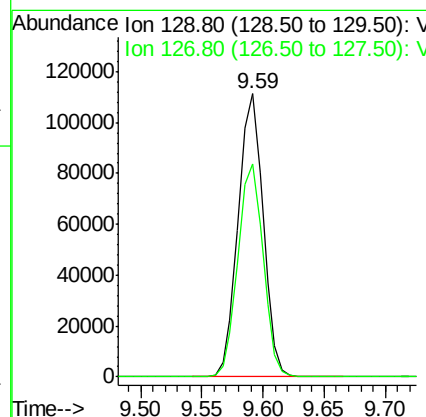
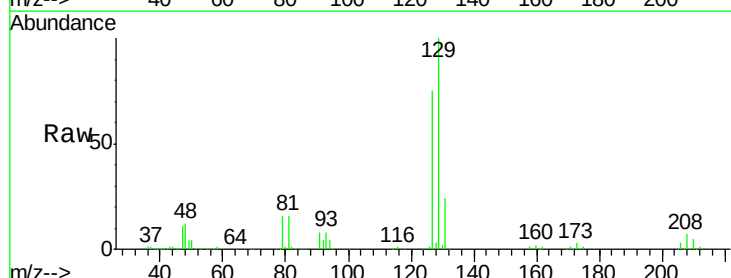
Manual Integrations
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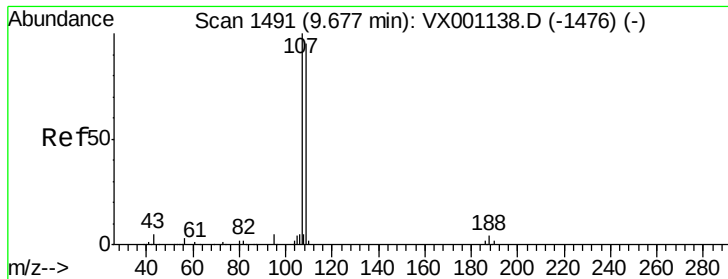
MMDadoda
4/30/2018 6:03:27 PM



#60
Dibromochloromethane
Concen: 47.49 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion: 129 Resp: 157073
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 107 Resp: 154481

Ion Ratio Lower Upper

107 100

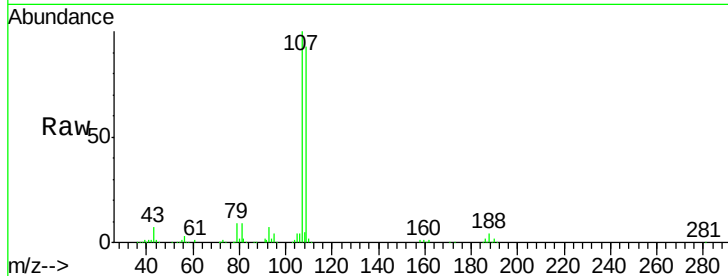
109 94.9 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

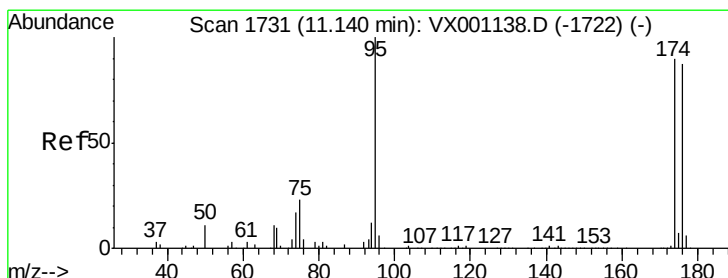
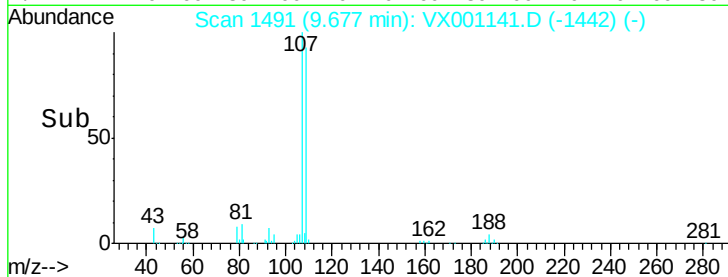
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.85 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

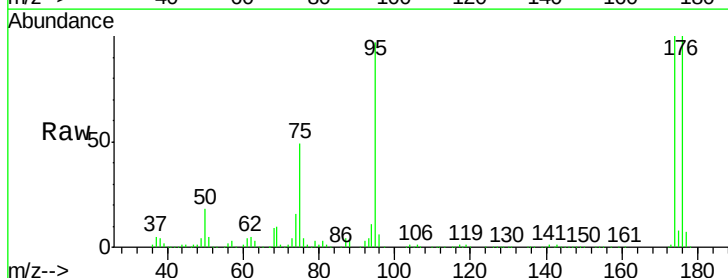
Tgt Ion: 95 Resp: 196060

Ion Ratio Lower Upper

95 100

174 97.4 0.0 194.4

176 95.9 0.0 190.2



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

200000

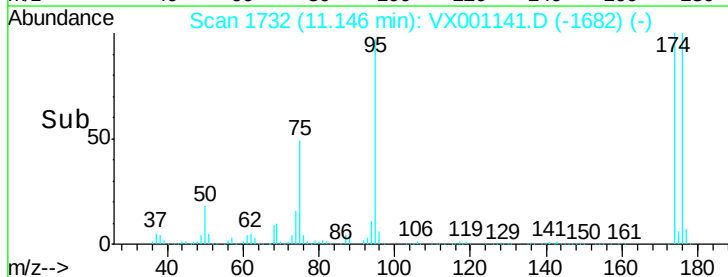
150000

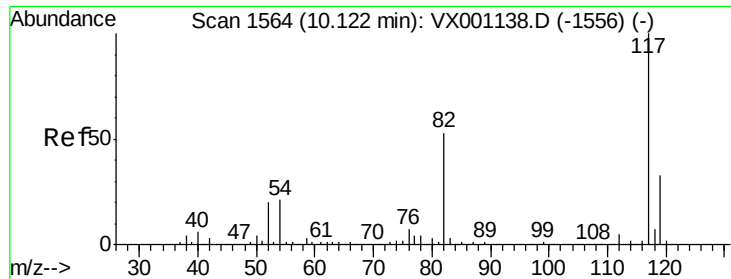
100000

50000

0

Time-->





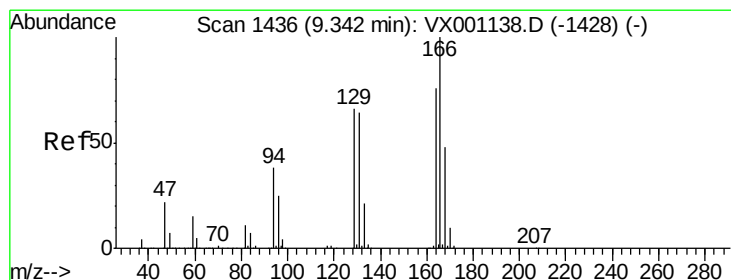
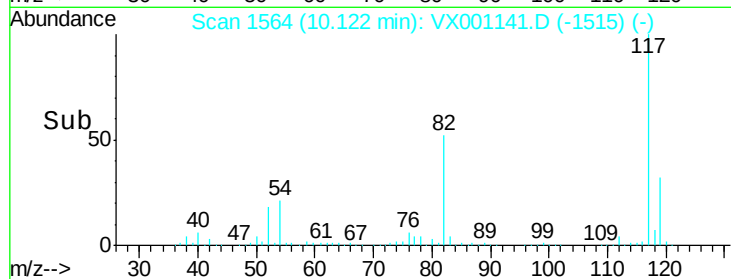
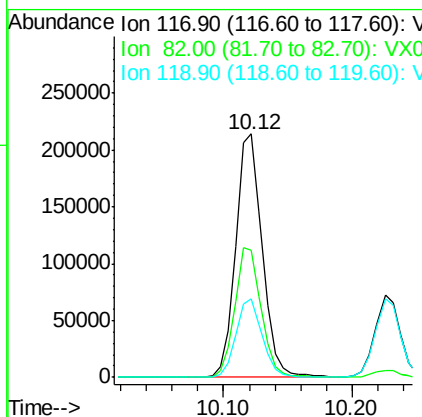
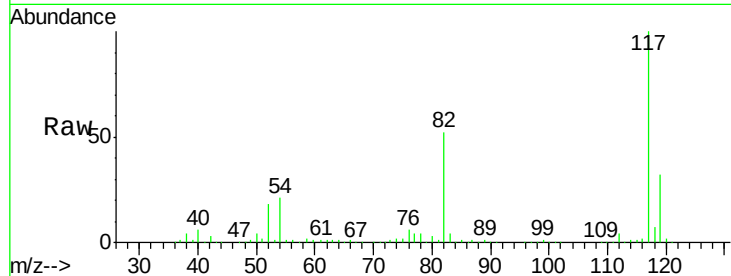
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.1	63.1
119	32.4	26.1	39.1

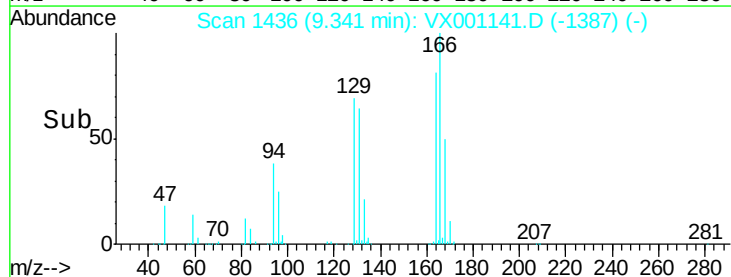
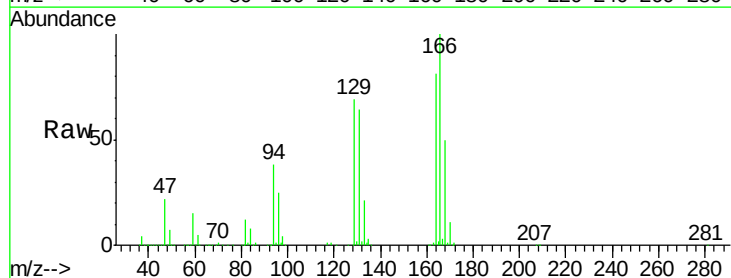
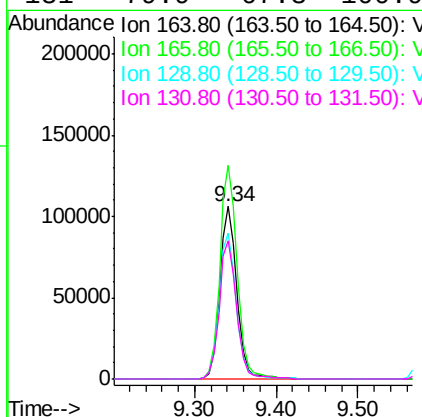
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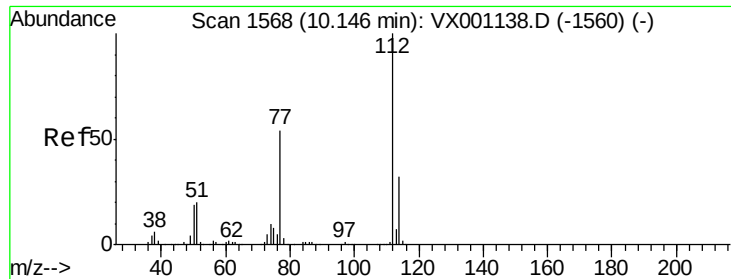
MMDadoda
4/30/2018 6:03:27 PM



#64
Tetrachloroethene
Concen: 47.07 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	105.0	157.6
129	85.0	69.4	104.2
131	79.9	67.3	100.9





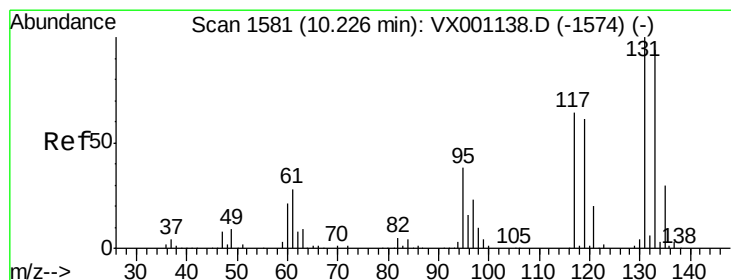
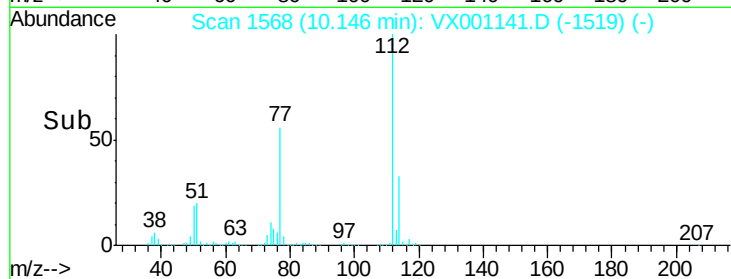
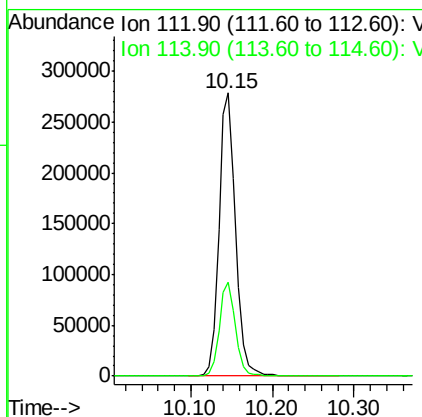
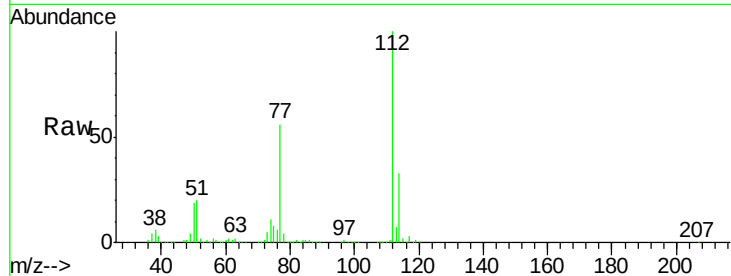
#65
Chlorobenzene
Concen: 49.17 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.7	38.5

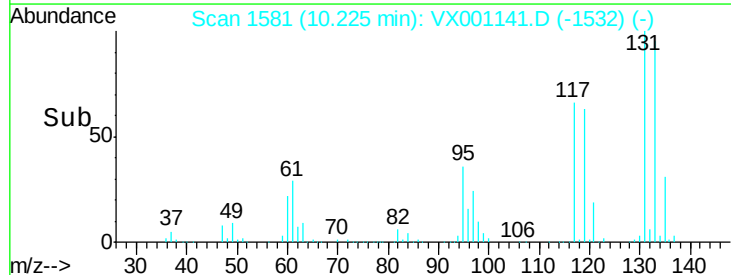
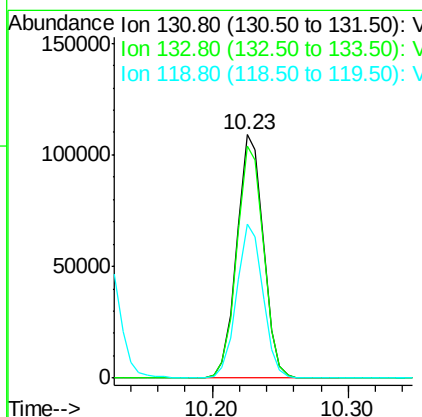
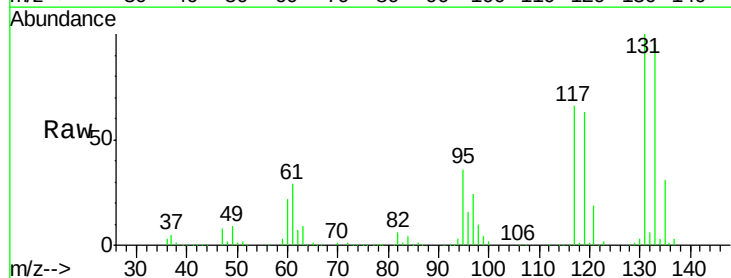
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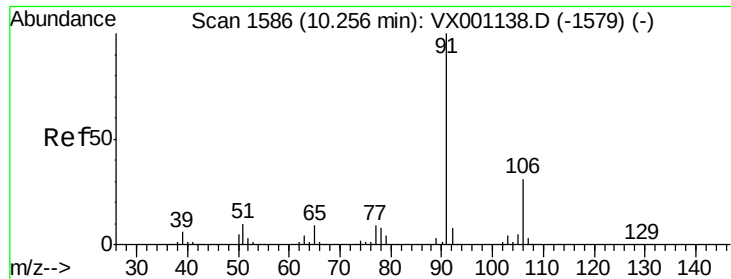
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.31 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.8	143.4
119	62.8	31.3	93.8





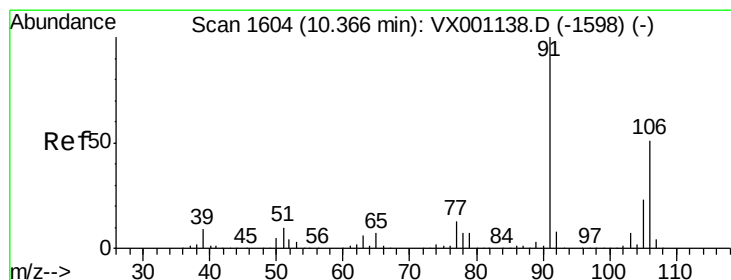
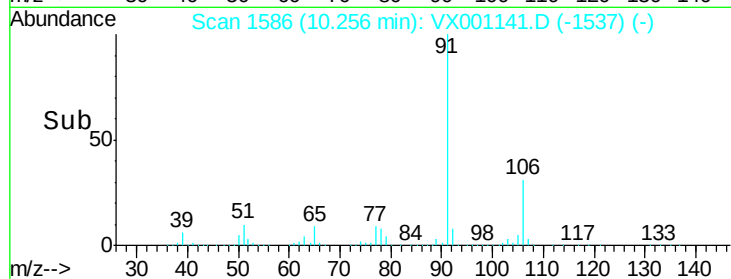
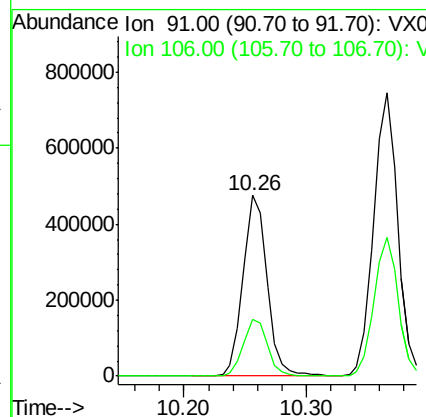
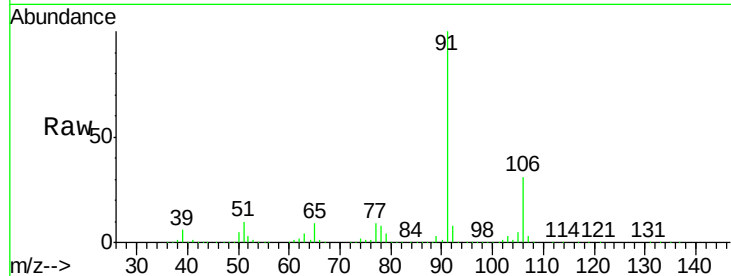
#67
Ethyl Benzene
Concen: 49.74 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion: 91 Resp: 648856
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2

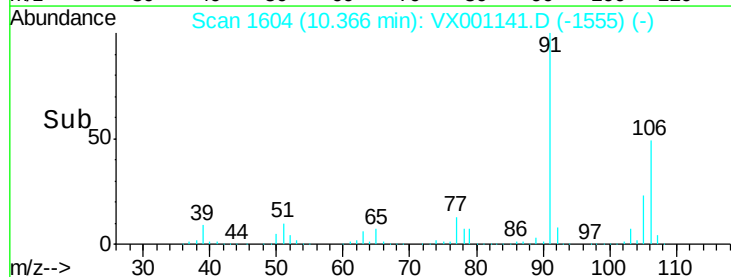
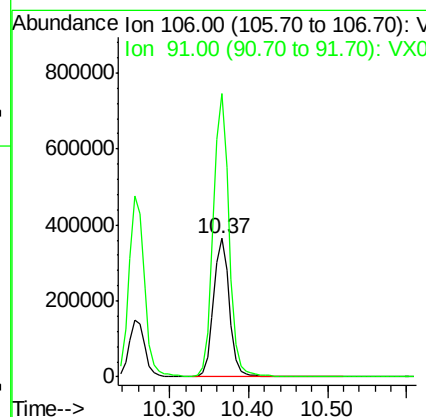
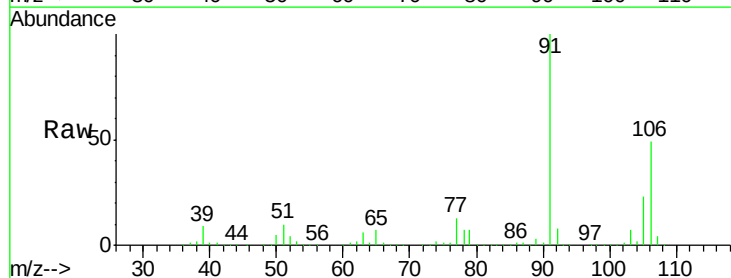
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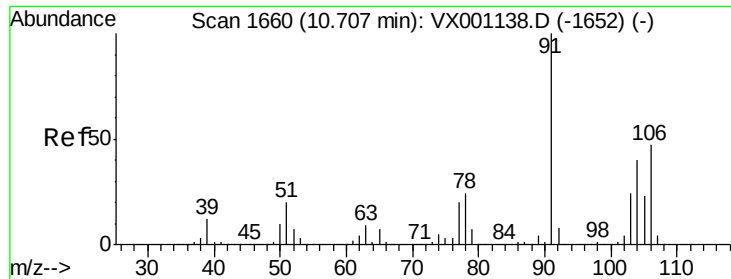
MMDadoda
4/30/2018 6:03:27 PM



#68
m/p-Xylenes
Concen: 98.63 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion: 106 Resp: 508658
Ion Ratio Lower Upper
106 100
91 203.0 160.9 241.3





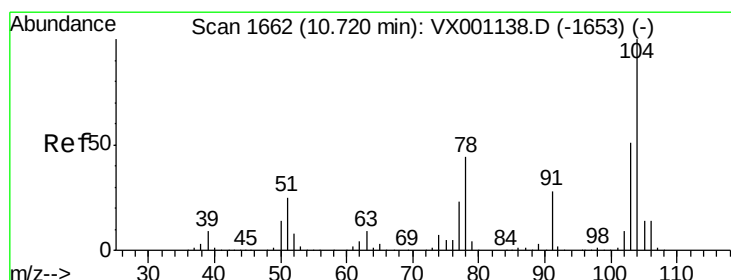
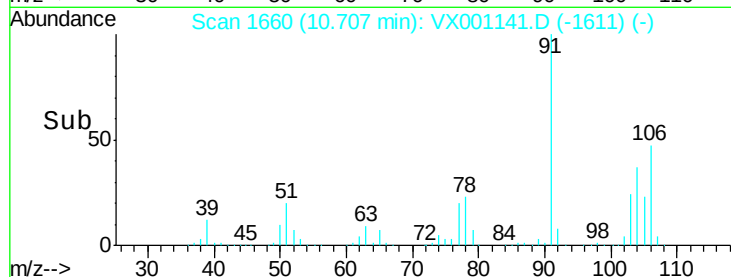
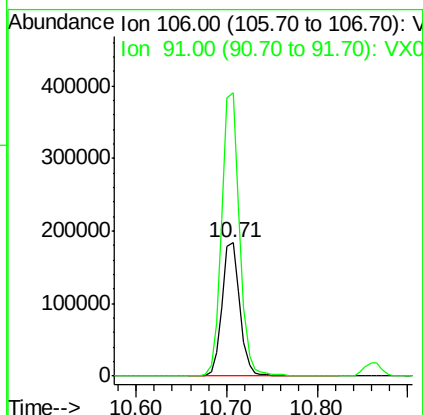
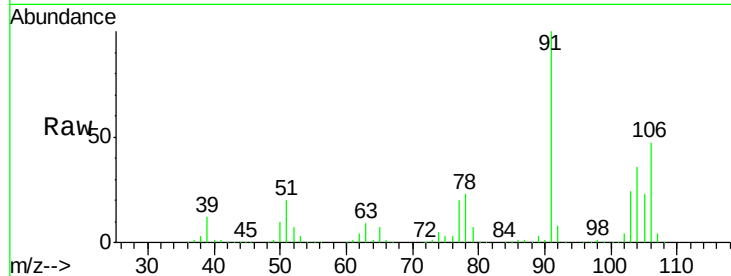
#69
o-Xylene
Concen: 50.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion:106 Resp: 252203
Ion Ratio Lower Upper
106 100
91 212.7 106.2 318.5

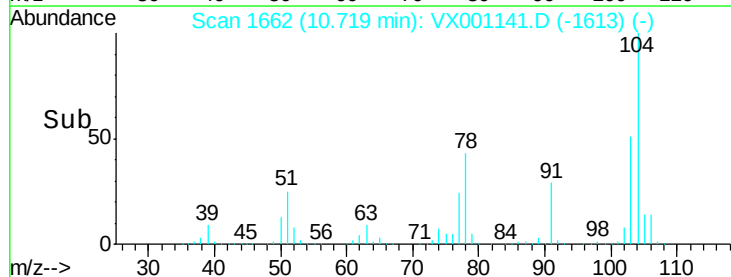
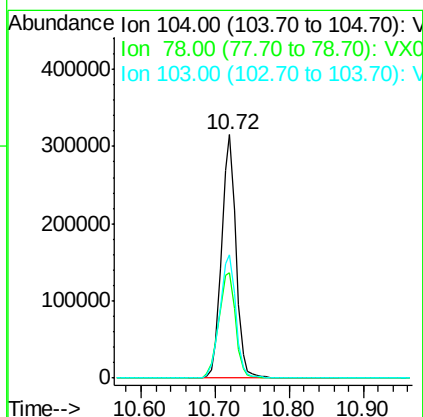
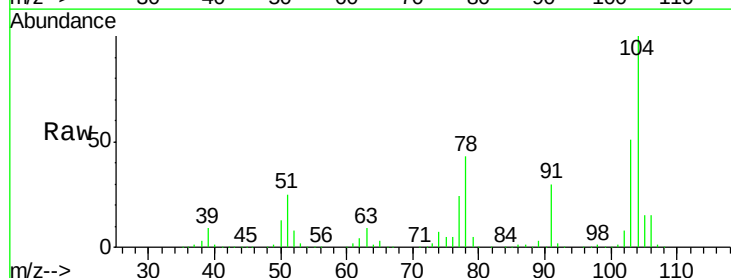
Manual Integrations
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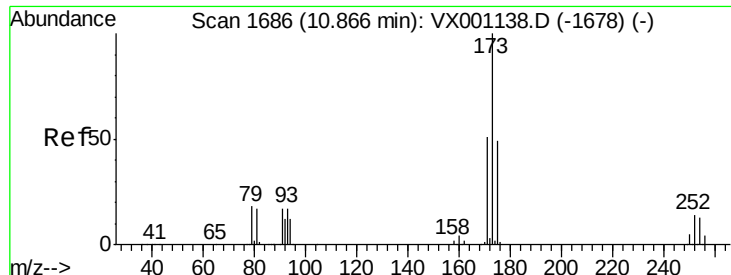
MMDadoda
4/30/2018 6:03:27 PM



#70
Styrene
Concen: 50.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion:104 Resp: 423165
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 56.6 44.3 66.5





#71

Bromoform

Concen: 45.99 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

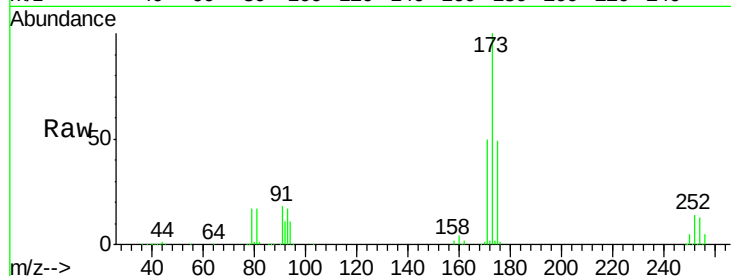
ClientSampleId :

ICVVX042618

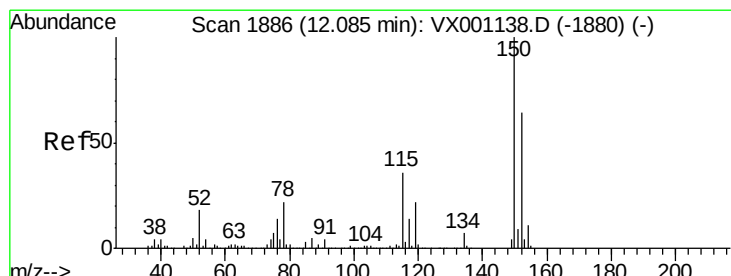
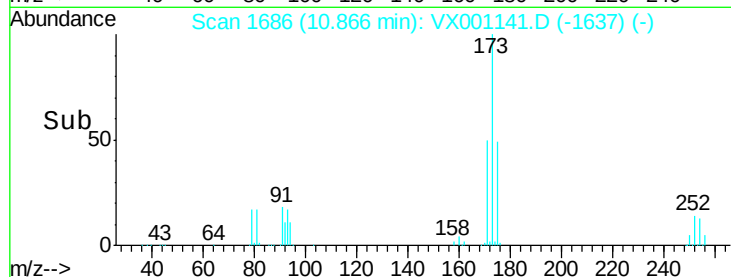
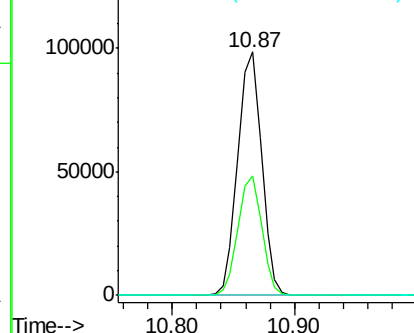
Tot Ion:	173	Resp:	133099
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

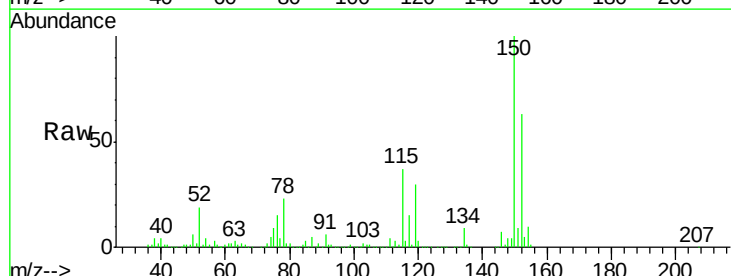
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

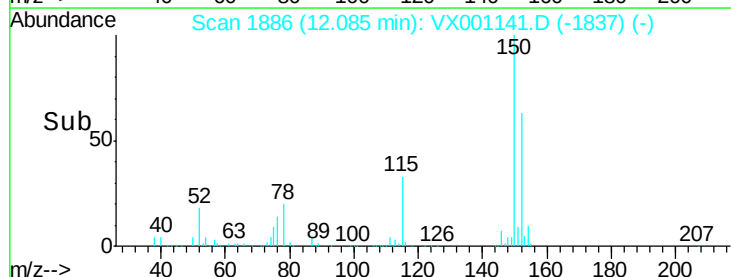
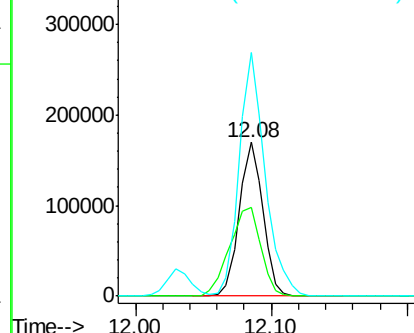
Lab File: VX001141.D

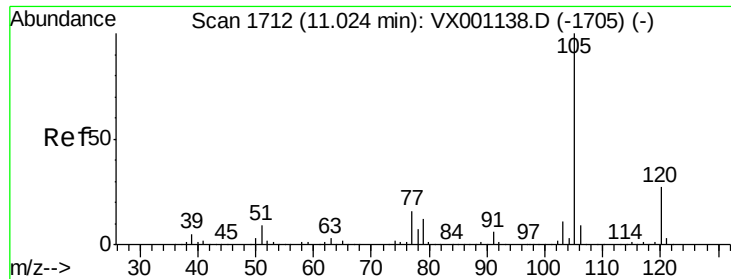
Acq: 26 Apr 2018 20:28

Tgt Ion:	152	Resp:	205281
Ion Ratio	Lower	Upper	
152	100		
115	76.0	38.0	114.0
150	173.9	0.0	349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion:105 Resp: 651178

Ion Ratio Lower Upper

105 100

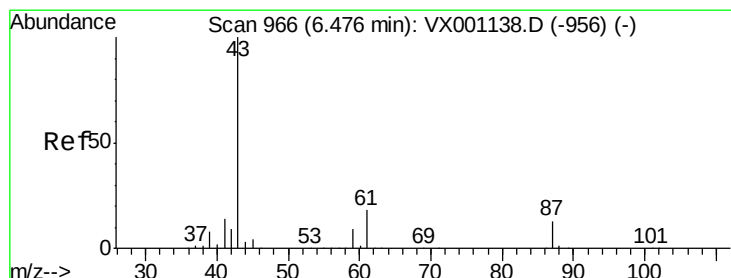
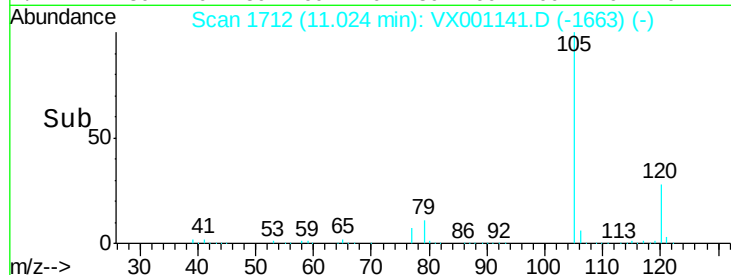
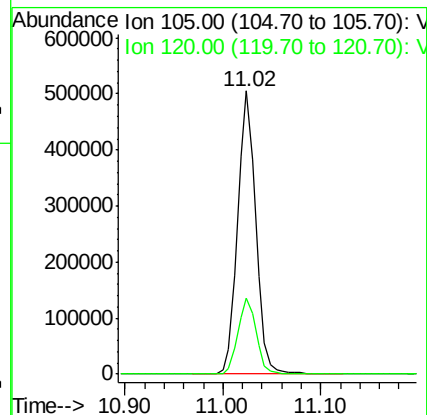
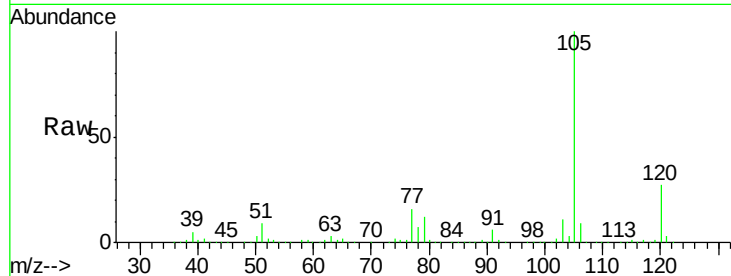
120 27.2 13.6 40.8

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#74

N-ethyl acetate

Concen: 50.94 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion: 43 Resp: 343421

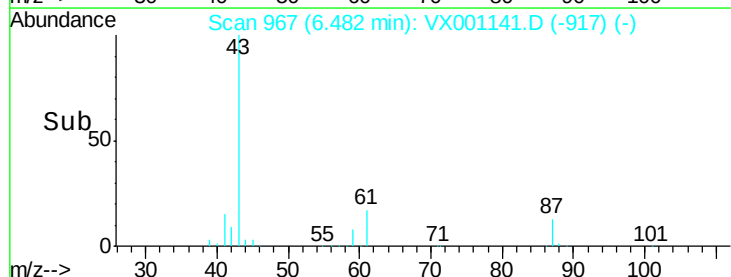
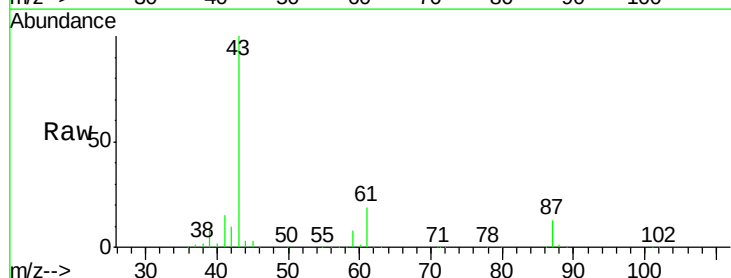
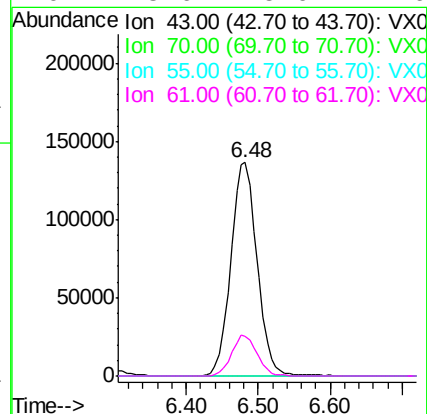
Ion Ratio Lower Upper

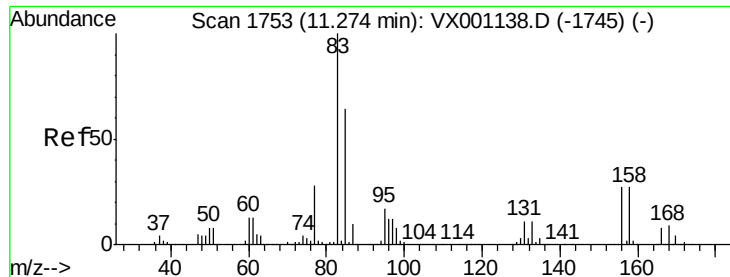
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

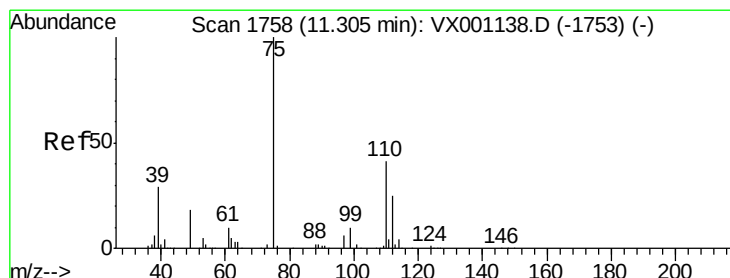
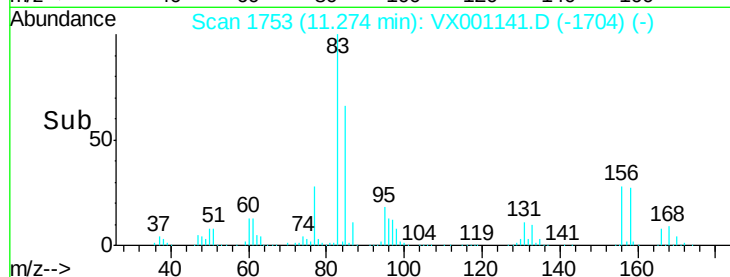
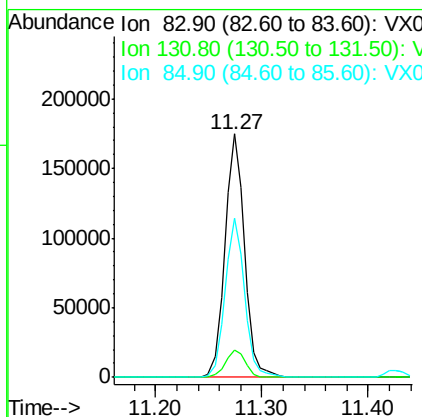
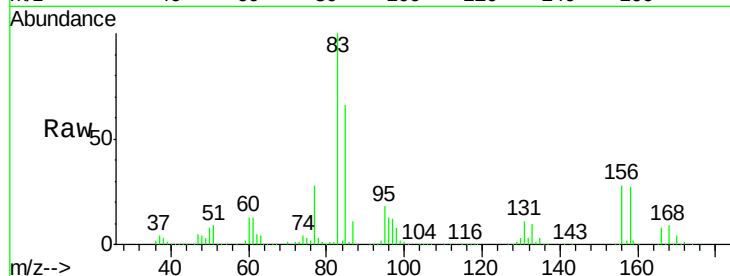
ClientSampleId :

ICVVX042618

Tot Ion:	83	Resp:	225036
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.4
85	65.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.36 ug/l m

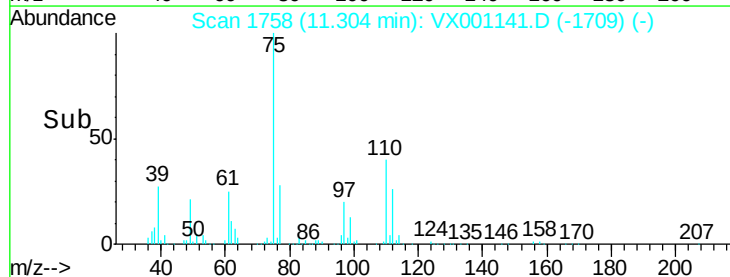
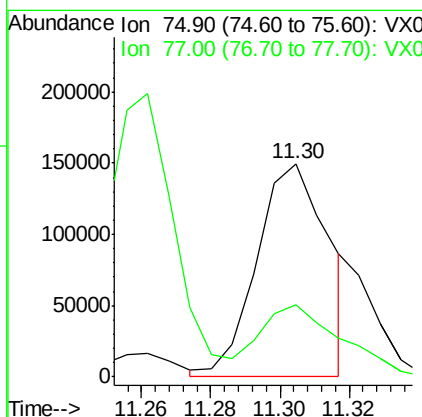
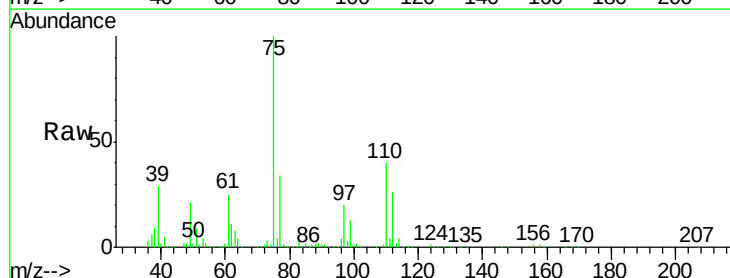
RT: 11.30 min Scan# 1758

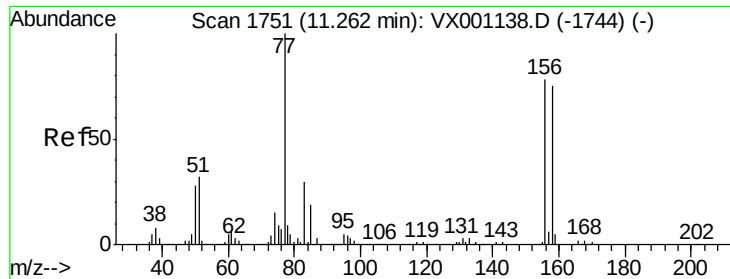
Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	75	Resp:	214684
Ion	Ratio	Lower	Upper
75	100		
77	38.2	18.9	56.9





#77

Bromobenzene

Concen: 49.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

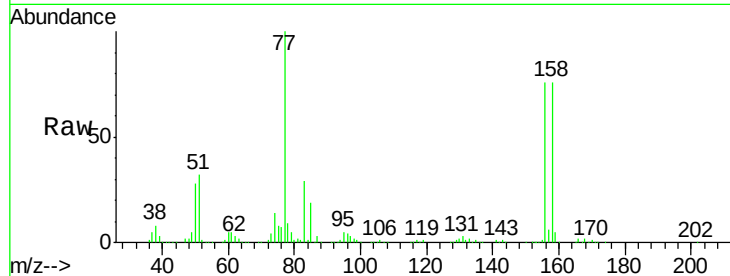
ClientSampleId :

ICVVX042618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		197098		
77	135.8	67.8	203.2		
158	98.0	48.9	146.7		

Manual Integrations
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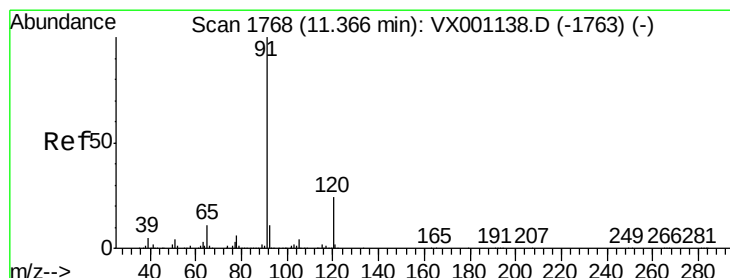
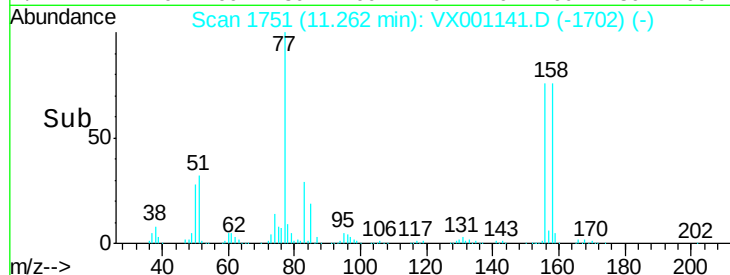
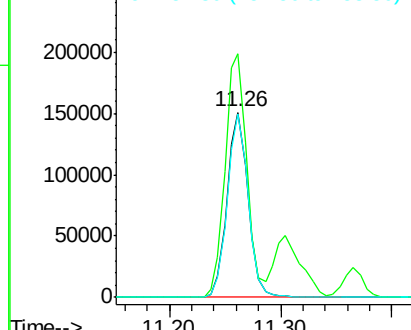


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.71 ug/l

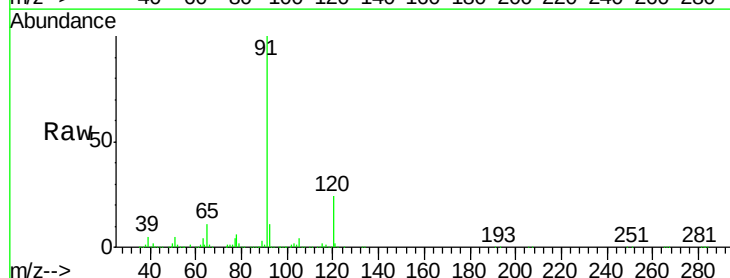
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

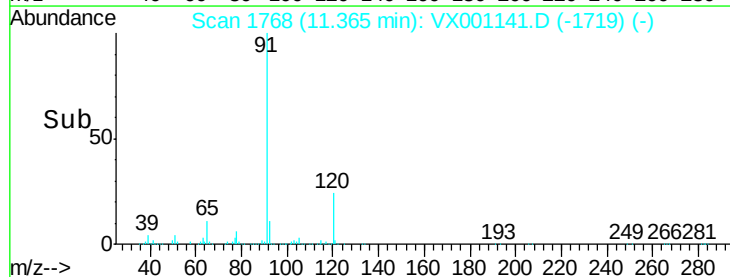
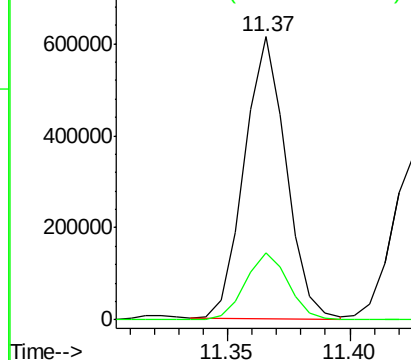
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		726670		
120	24.8	12.2	36.6		

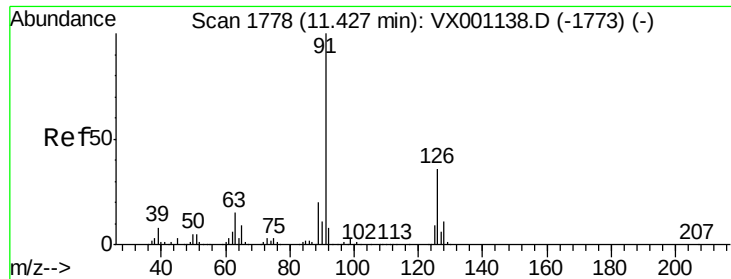


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.75 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion: 91 Resp: 450871

Ion Ratio Lower Upper

91 100

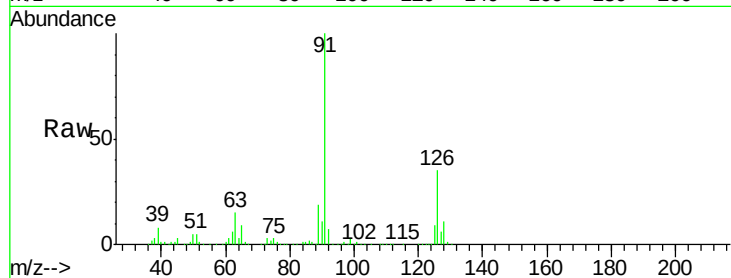
126 36.1 18.2 54.6

Manual Integrations

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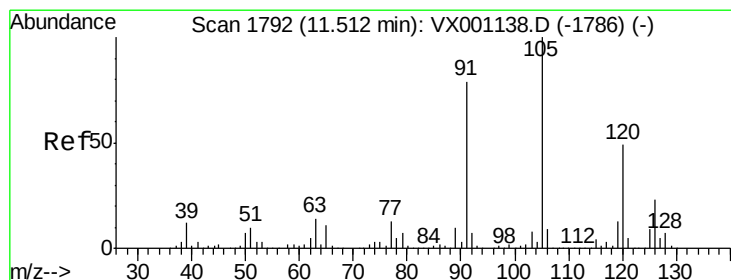
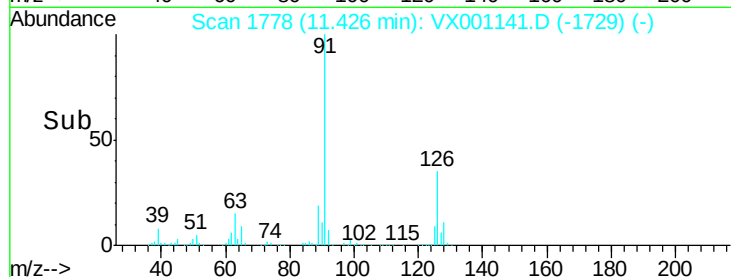
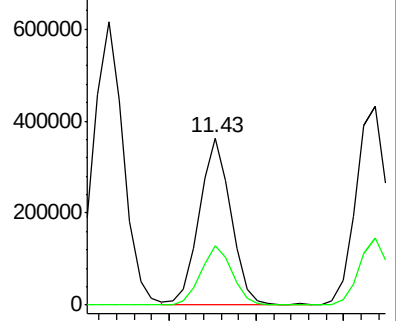
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX001138.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001138.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001141.D

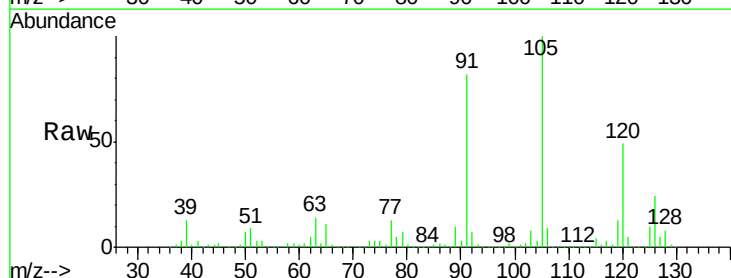
Acq: 26 Apr 2018 20:28

Tgt Ion: 105 Resp: 565707

Ion Ratio Lower Upper

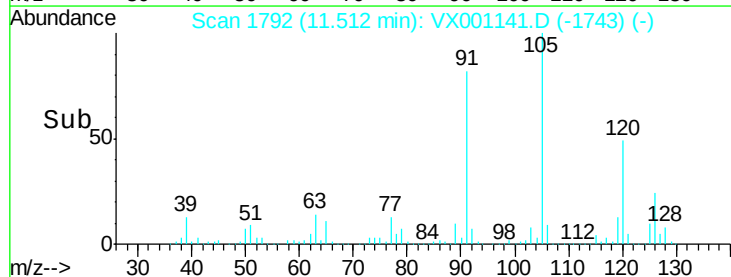
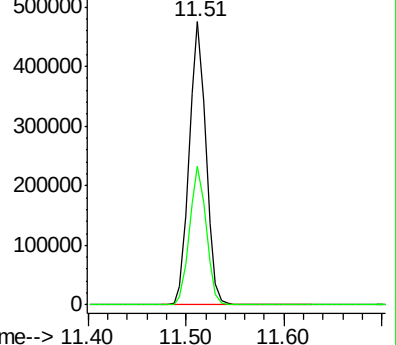
105 100

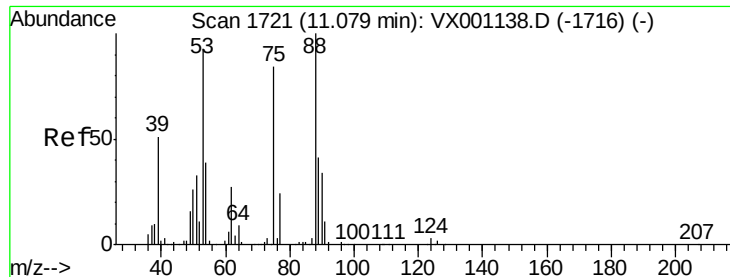
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001138.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001138.D (-1786) (-)





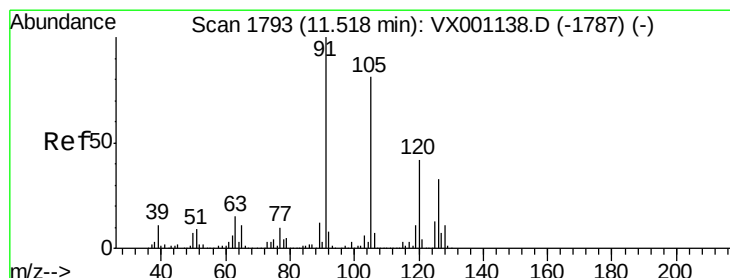
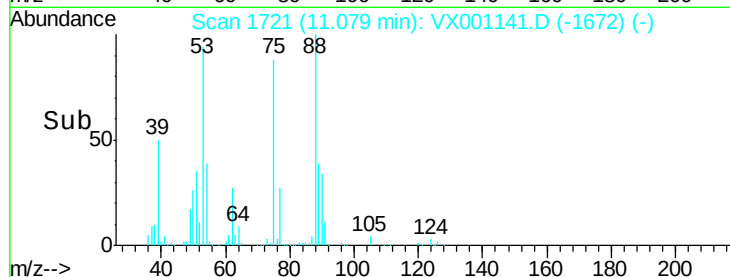
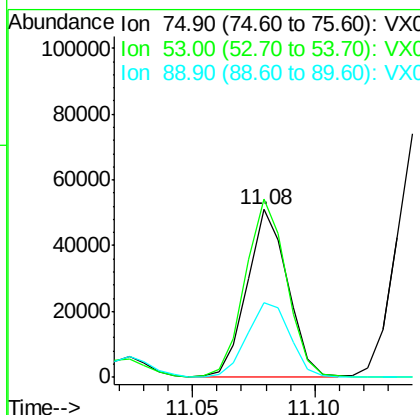
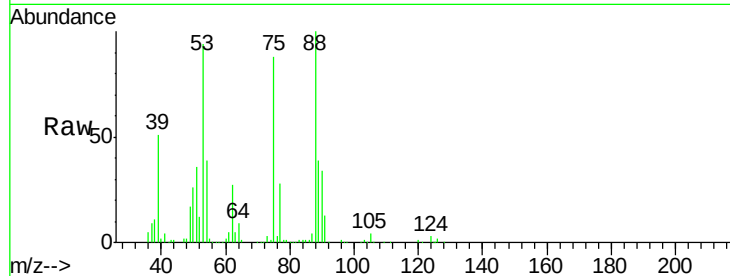
#81
trans-1,4-Dichloro-2-butene
Concen: 45.35 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.1	87.9	131.9
89	47.5	37.7	56.5

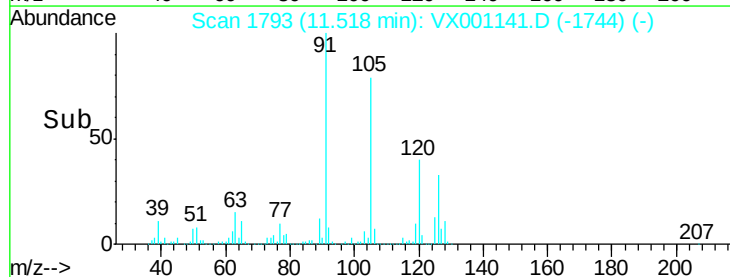
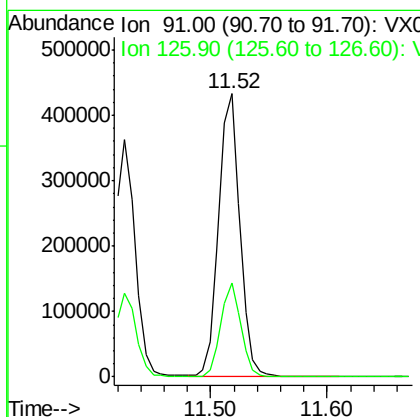
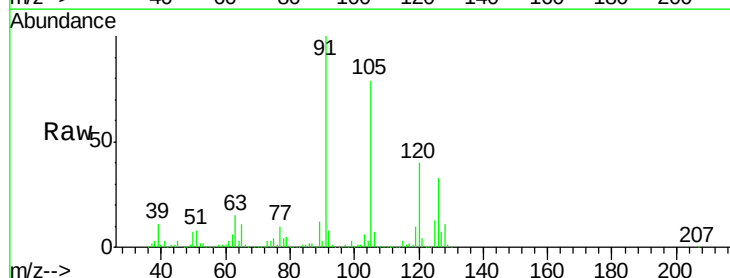
Manual Integrations
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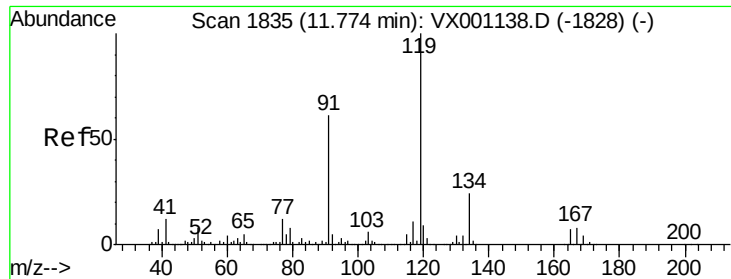
MMDadoda
4/30/2018 6:03:27 PM



#82
4-Chlorotoluene
Concen: 49.56 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.8	47.4





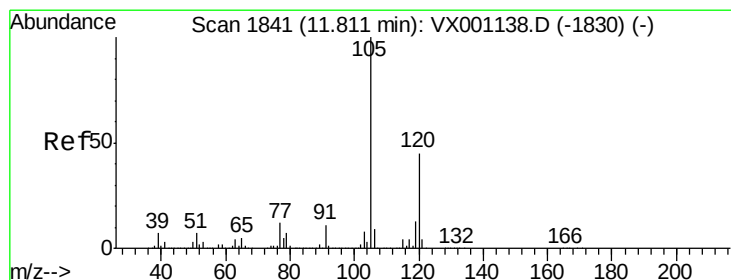
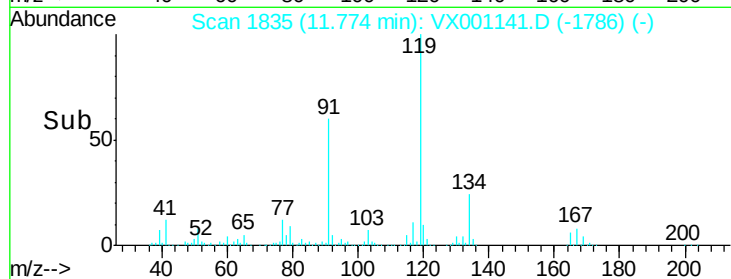
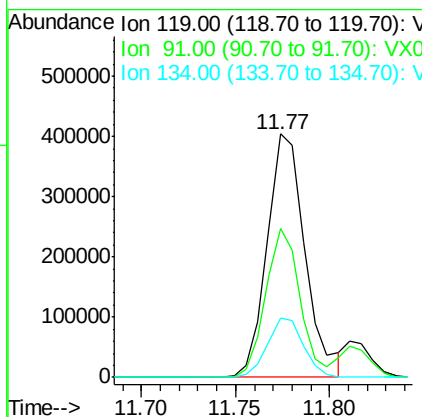
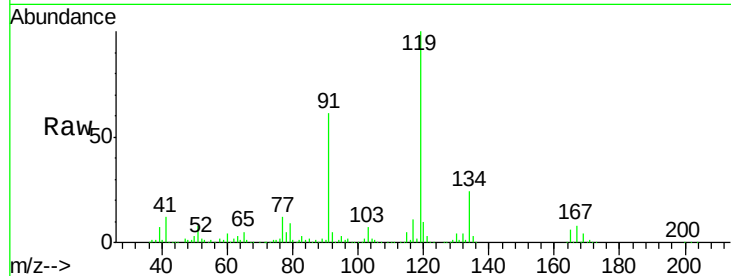
#83
 tert-Butylbenzene
 Concen: 50.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Resp	Lower	Upper
119	100	565522		
91	55.3	27.6	82.8	
134	23.1	11.5	34.5	

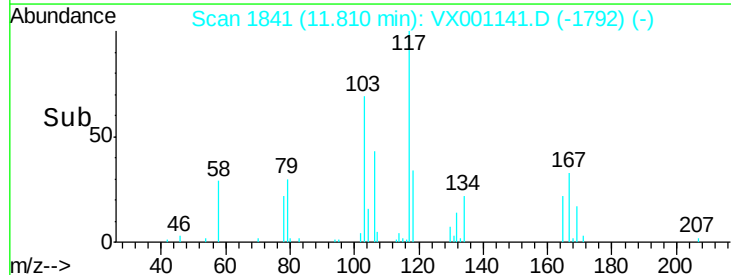
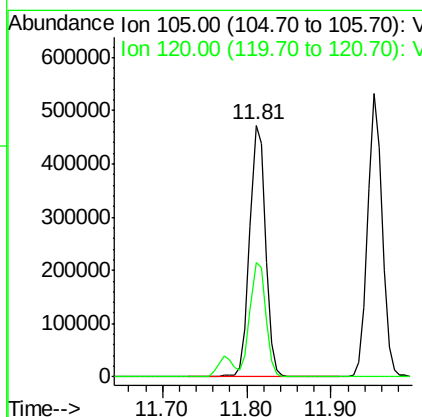
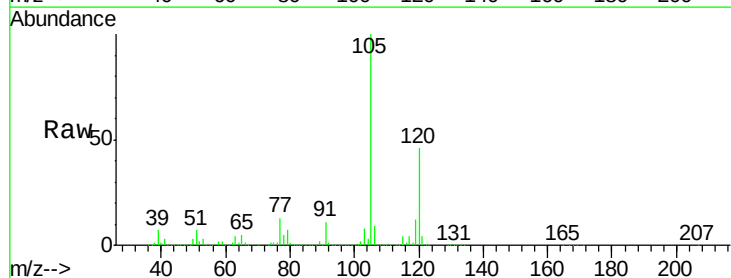
Manual Integrations
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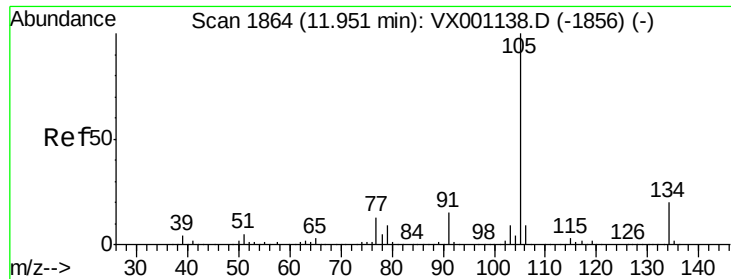
MMDadoda
 4/30/2018 6:03:27 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.72 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	590621		
120	45.4	22.4	67.3	





#85

sec-Butylbenzene

Concen: 48.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042618

Tot Ion:105 Resp: 642611

Ion Ratio Lower Upper

105 100

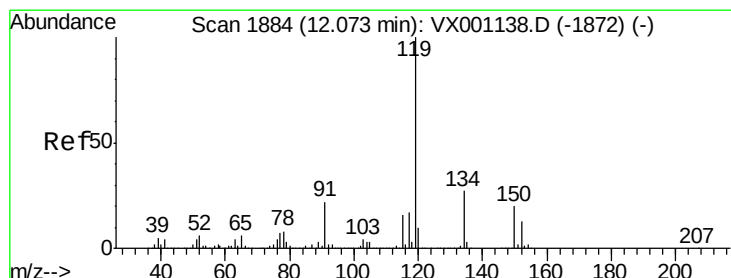
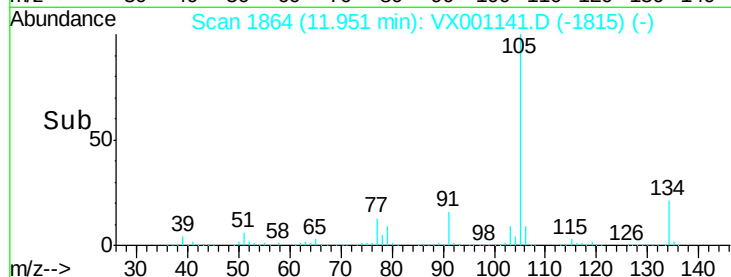
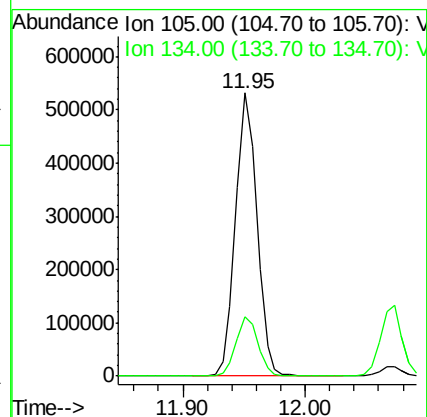
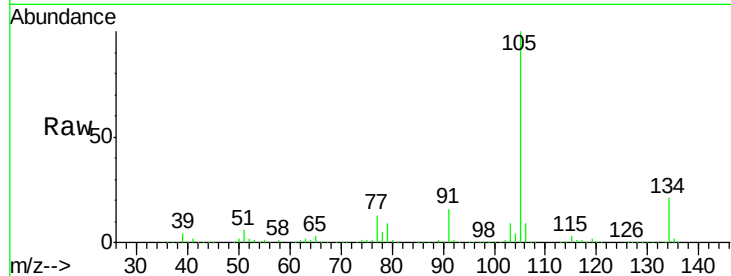
134 21.4 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.77 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

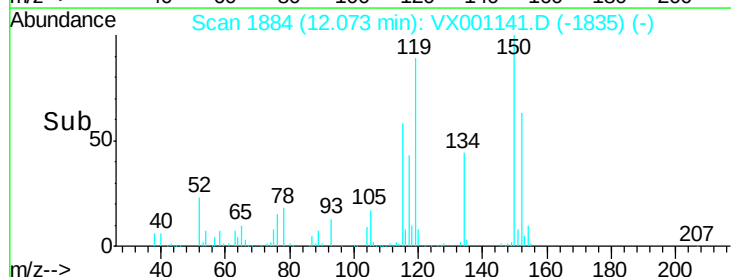
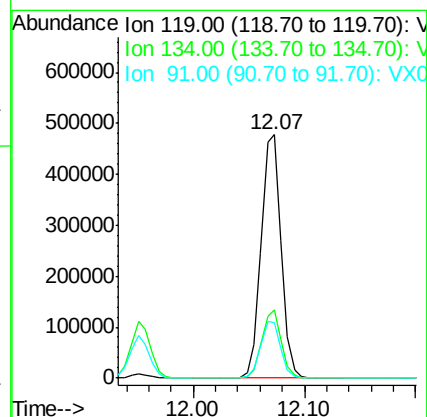
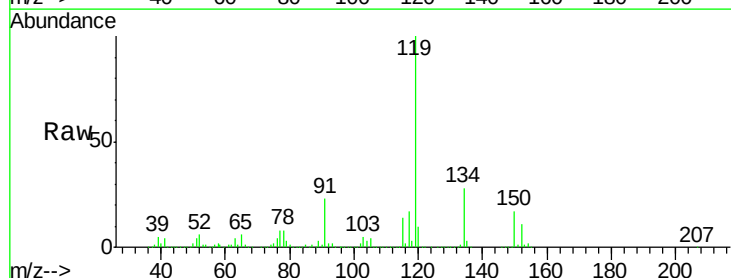
Tgt Ion:119 Resp: 599109

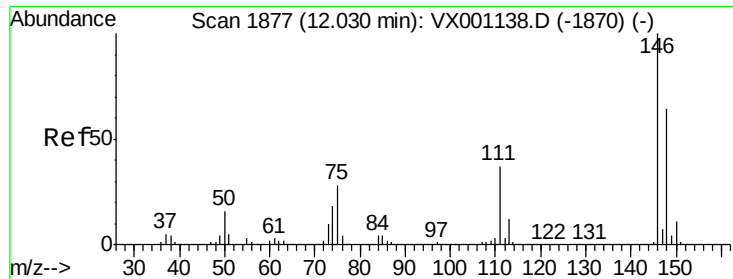
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.3 11.6 34.8





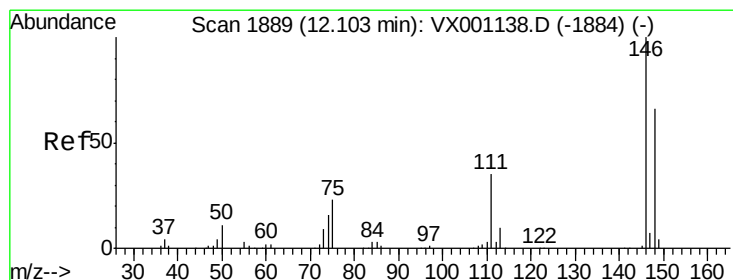
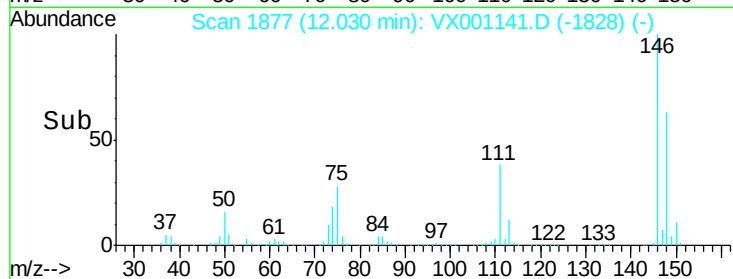
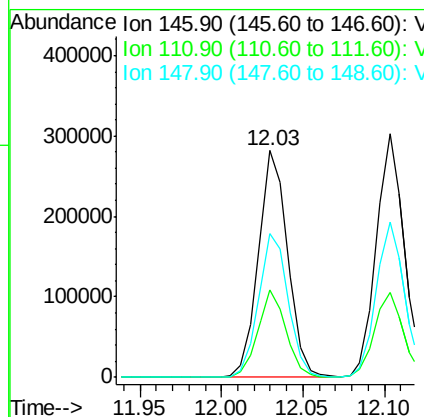
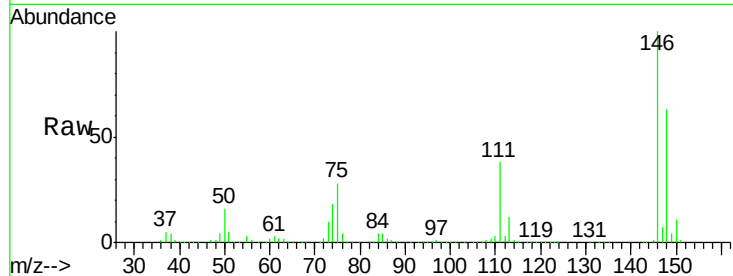
#87
 1,3-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	64.1	32.3	96.8

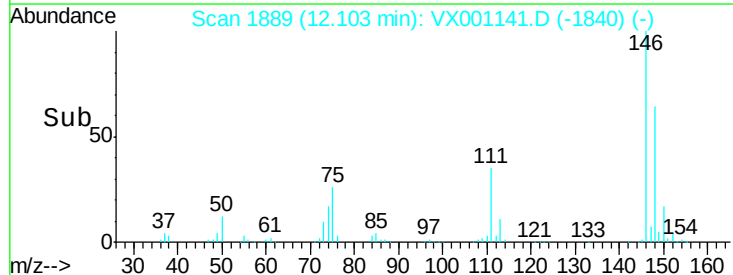
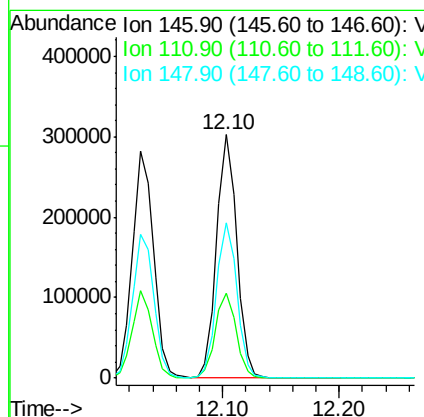
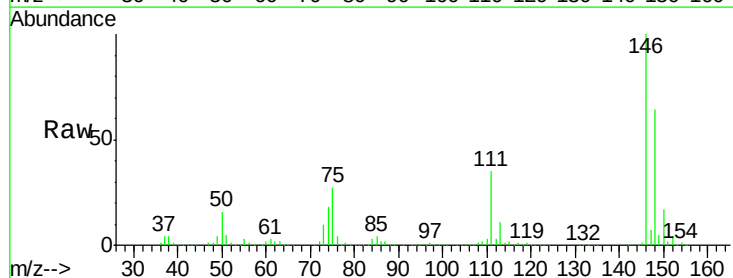
Manual Integrations
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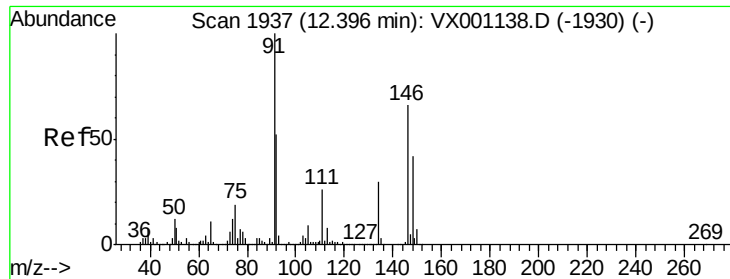
MMDadoda
 4/30/2018 6:03:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.0	54.0
148	64.6	32.5	97.5





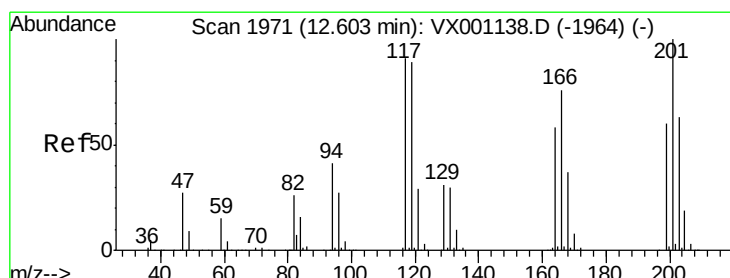
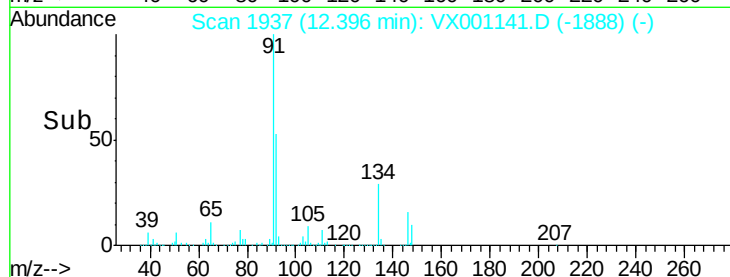
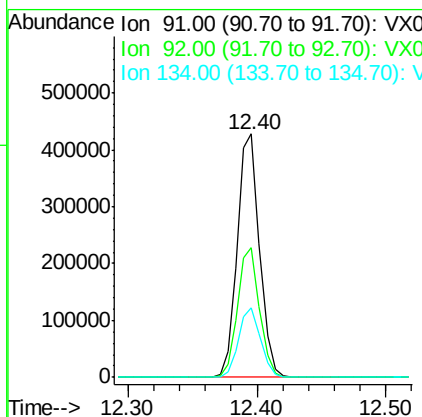
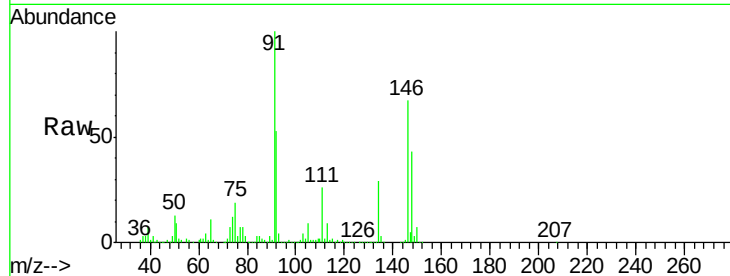
#89
n-Butylbenzene
Concen: 48.36 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042618

Tot Ion	Ratio	Resp	Lower	Upper
91	100	514230		
92	52.5		26.2	78.6
134	28.1		14.1	42.3

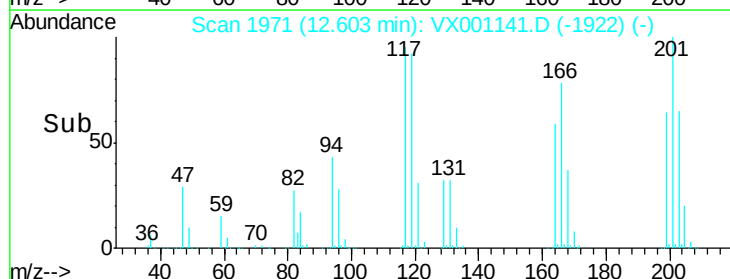
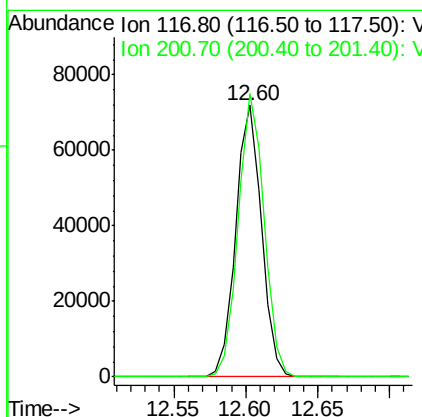
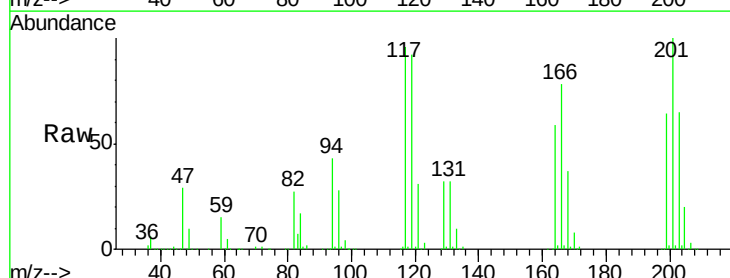
Manual Integrations
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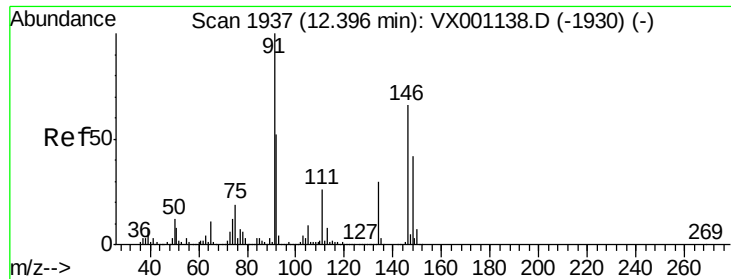
MMDadoda
4/30/2018 6:03:27 PM



#90
Hexachloroethane
Concen: 45.72 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001141.D
Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90028		
201	104.0		51.8	155.4





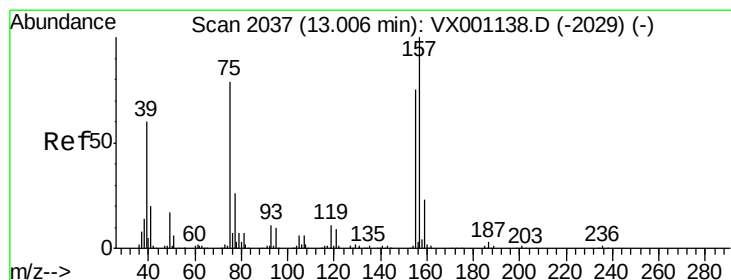
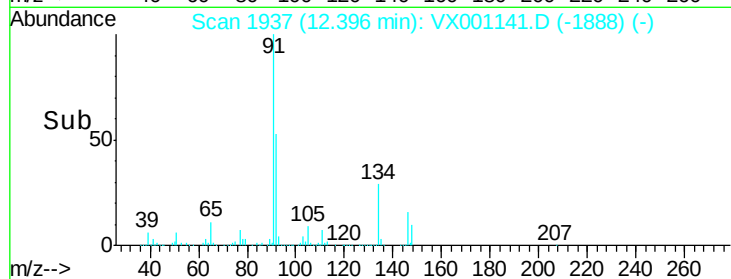
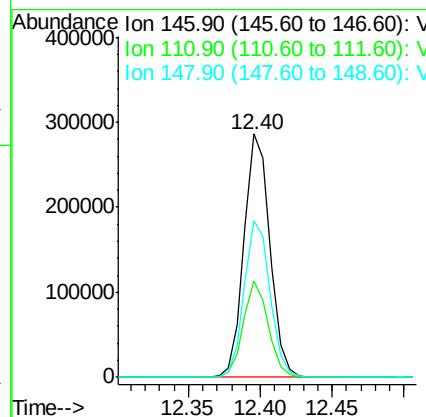
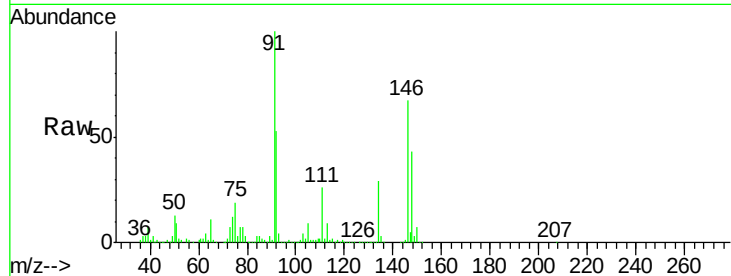
#91
 1,2-Dichlorobenzene
 Concen: 49.58 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.4	32.2	96.6

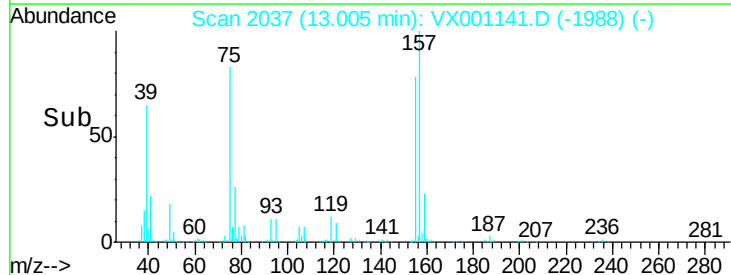
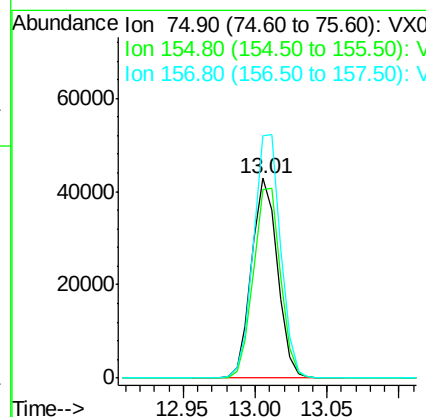
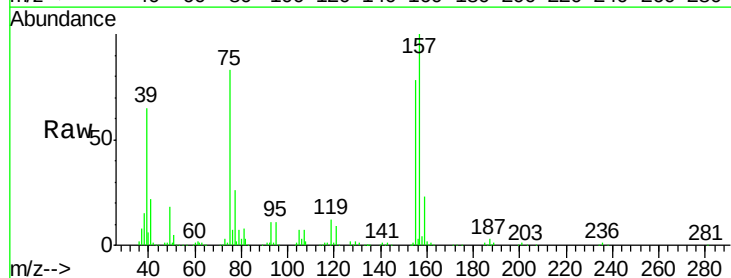
Manual Integrations
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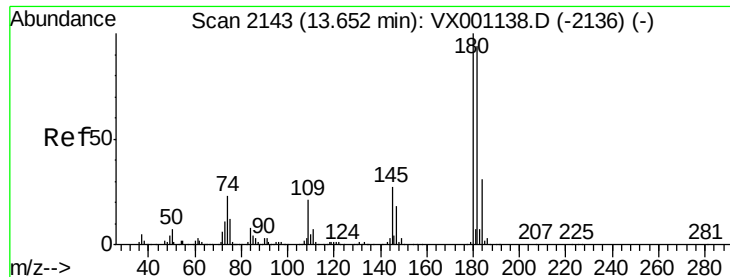
MMDadoda
 4/30/2018 6:03:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.21 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	48.4	145.3
157	126.8	62.7	188.1





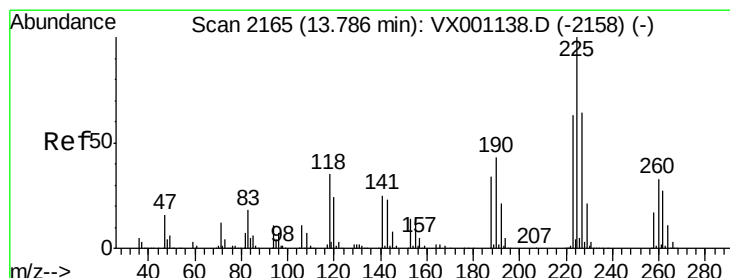
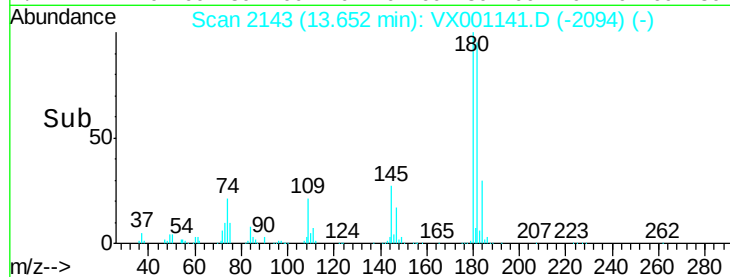
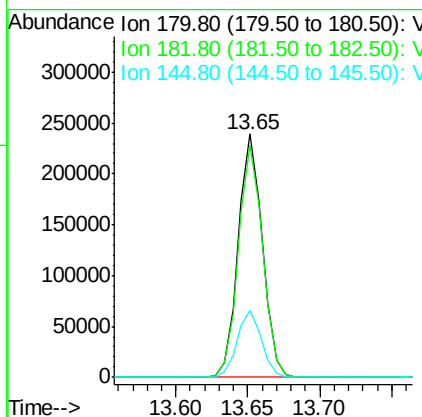
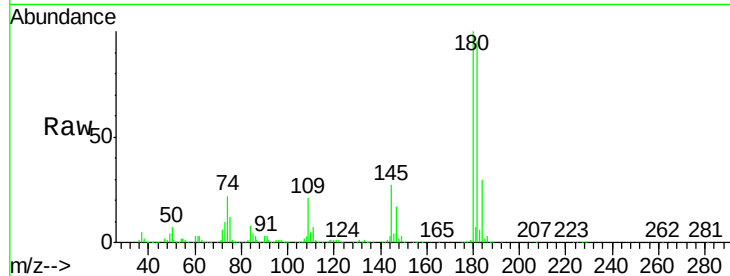
#93
 1,2,4-Trichlorobenzene
 Concen: 49.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042618

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278397		
182	95.9	47.9	143.6	
145	27.6	13.8	41.4	

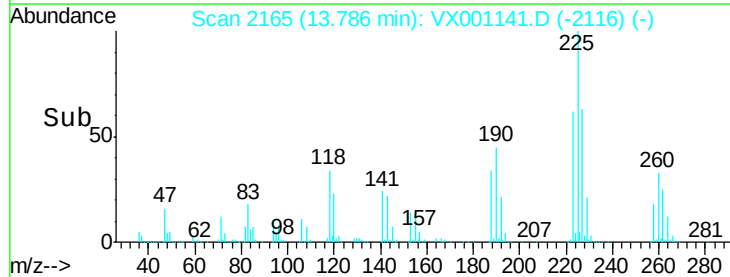
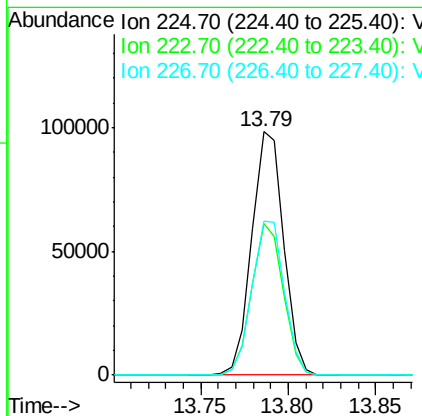
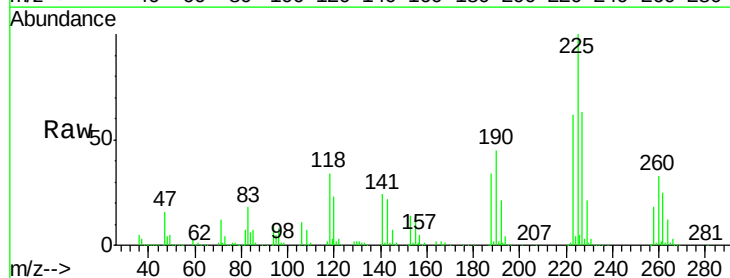
Manual Integrations
 APPROVED

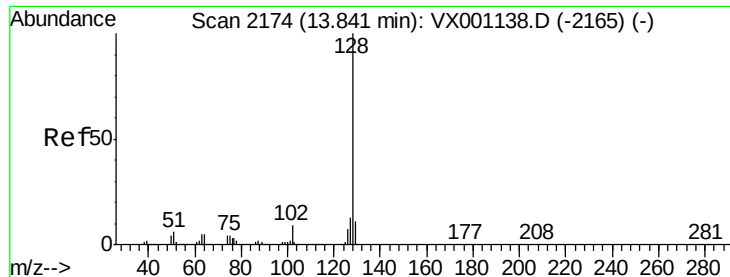
MMDadoda
 4/30/2018 6:03:27 PM



#94
 Hexachlorobutadiene
 Concen: 46.97 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001141.D
 Acq: 26 Apr 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124602		
223	61.5	31.3	93.9	
227	64.5	32.2	96.6	





#95

Naphthalene

Concen: 52.23 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Instrument :

MSVOA_X

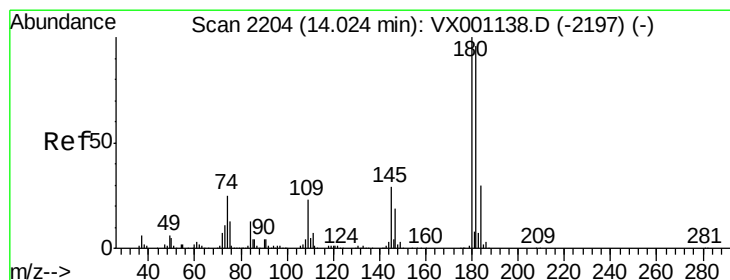
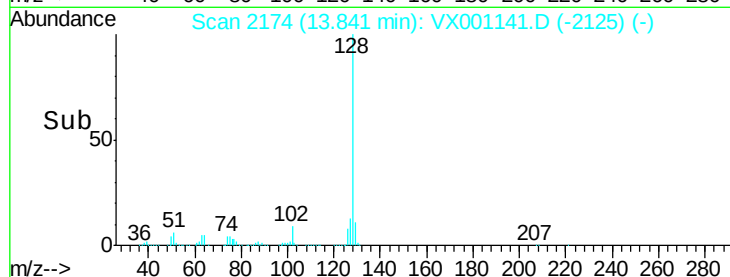
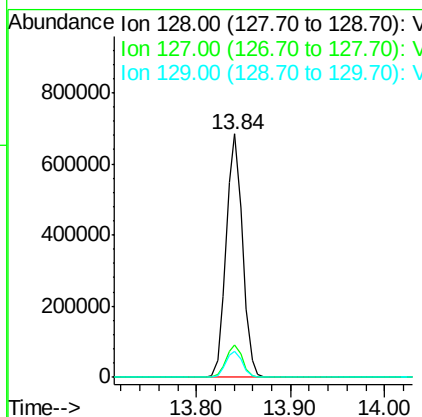
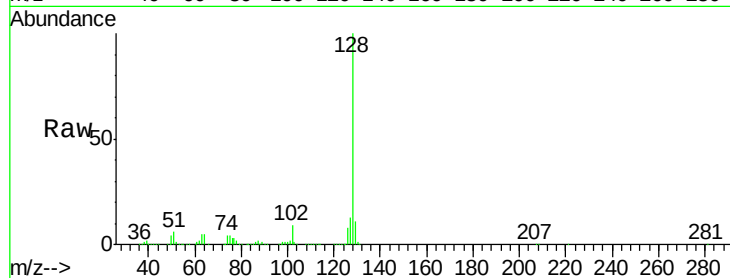
ClientSampleId :

ICVVX042618

Tot Ion:	128	Resp:	821288
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/30/2018 6:03:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001141.D

Acq: 26 Apr 2018 20:28

Tgt Ion:	180	Resp:	281884
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.2	144.6
145	29.1	14.5	43.5

