

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001207.D
 Acq On : 28 Apr 2018 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 5/1/2018 7:44:36 PM

Quant Time: Apr 30 01:55:18 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	223708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	286106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151303	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	5.51	113	122769	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.72	98	473850	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.14	95	189217	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117180	49.95	ug/l	100
3) Chloromethane	1.32	50	106853	43.49	ug/l	99
4) Vinyl Chloride	1.40	62	119228	45.74	ug/l	100
5) Bromomethane	1.64	94	99726	63.14	ug/l	99
6) Chloroethane	1.72	64	74718	45.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	208603	49.55	ug/l	100
8) Diethyl Ether	2.19	74	70988	43.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122477	52.80	ug/l	99
10) Methyl Iodide	2.51	142	105784	44.75	ug/l	98
11) Tert butyl alcohol	3.06	59	121480	177.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	104493	46.19	ug/l	97
13) Acrolein	2.29	56	34010	131.56	ug/l	97
14) Allyl chloride	2.73	41	189335	45.88	ug/l	96
15) Acrylonitrile	3.15	53	281465	192.75	ug/l	99
16) Acetone	2.45	43	346791	243.19	ug/l	100
17) Carbon Disulfide	2.57	76	269701	46.72	ug/l	99
18) Methyl Acetate	2.78	43	145712	40.83	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	365103	43.84	ug/l	98
20) Methylene Chloride	2.86	84	115537	43.50	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115212	46.07	ug/l	98
22) Diisopropyl ether	3.87	45	376534	45.60	ug/l	95
23) Vinyl Acetate	3.82	43	1648317	235.31	ug/l	100
24) 1,1-Dichloroethane	3.70	63	206635	47.61	ug/l	99
25) 2-Butanone	4.71	43	441928	207.12	ug/l	99
26) 1,2-Dichloropropane	4.59	77	171278	50.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	128128	46.79	ug/l	100
28) Bromochloromethane	5.03	49	98669	50.71	ug/l	98
29) Tetrahydrofuran	5.17	42	255443	186.20	ug/l	99
30) Chloroform	5.22	83	220401	47.76	ug/l	100
31) Cyclohexane	5.58	56	186143	50.49	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	197700	49.63	ug/l	99
36) 1,1-Dichloropropene	5.81	75	167823	53.23	ug/l	100
37) Ethyl Acetate	4.86	43	160426	42.49	ug/l	100
38) Carbon Tetrachloride	5.79	117	178345	55.17	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200449	57.45	ug/l	97
40) Benzene	6.15	78	481124	52.75	ug/l	98
41) Methacrylonitrile	5.06	41	93190	43.93	ug/l	99
42) 1,2-Dichloroethane	6.20	62	186628	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	274802	46.34	ug/l	100
44) Trichloroethene	7.21	130	145811	53.66	ug/l	93
45) 1,2-Dichloropropane	7.52	63	125314	52.24	ug/l	99
46) Dibromomethane	7.67	93	87535	52.70	ug/l	99
47) Bromodichloromethane	7.90	83	163252	54.09	ug/l	98
48) Methyl methacrylate	7.78	41	146482	46.48	ug/l	99
49) 1,4-Dioxane	7.76	88	56196	890.56	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	886212	227.52	ug/l	98
52) Toluene	8.79	92	324112	54.34	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	196142	55.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	186271	48.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	128345	50.86	ug/l	99
56) Ethyl methacrylate	9.18	69	187253	50.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	209112	51.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305198	172.68	ug/l	100
59) 2-Hexanone	9.50	43	741223	242.88	ug/l	99
60) Dibromochloromethane	9.59	129	144829	49.19	ug/l	99
61) 1,2-Dibromoethane	9.68	107	138976	52.57	ug/l	100
64) Tetrachloroethene	9.34	164	166741	55.93	ug/l	98
65) Chlorobenzene	10.14	112	386732	52.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	140442	55.47	ug/l	100
67) Ethyl Benzene	10.26	91	648292	54.53	ug/l	99
68) m/p-Xylenes	10.37	106	520498	110.74	ug/l	100
69) o-Xylene	10.70	106	247124	54.21	ug/l	99
70) Styrene	10.72	104	417509	55.03	ug/l	99
71) Bromoform	10.86	173	117777	44.80	ug/l	99
73) Isopropylbenzene	11.02	105	676153	51.35	ug/l	100
74) N-amyl acetate	6.47	43	274802	41.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194274	44.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	159967m	38.89	ug/l	
77) Bromobenzene	11.26	156	194763	49.88	ug/l	97
78) n-propylbenzene	11.37	91	781126	53.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	458817	50.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587089	52.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50747	40.34	ug/l	96
82) 4-Chlorotoluene	11.52	91	560375	51.80	ug/l	100
83) tert-Butylbenzene	11.77	119	566154	50.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	606758	52.95	ug/l	99
85) sec-Butylbenzene	11.95	105	691342	53.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	650165	53.78	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	363290	51.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372670	51.03	ug/l	99
89) n-Butylbenzene	12.40	91	567774	54.26	ug/l	100
90) Hexachloroethane	12.60	117	94599	48.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	359986	50.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41977	43.54	ug/l	98

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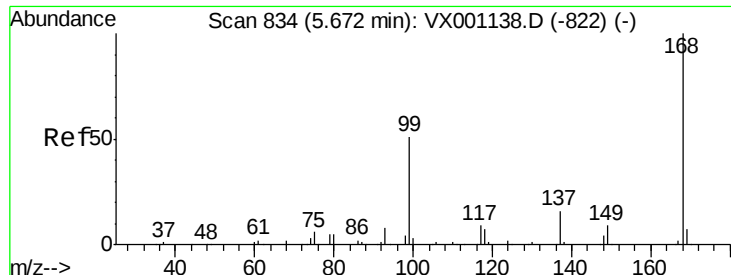
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281555	50.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	132921	50.91	ug/l	98
95) Naphthalene	13.84	128	716253	46.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	272579	49.32	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 223708

Ion Ratio Lower Upper

168 100

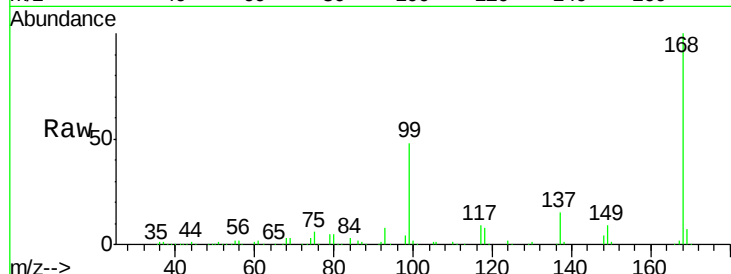
99 47.4 40.6 60.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

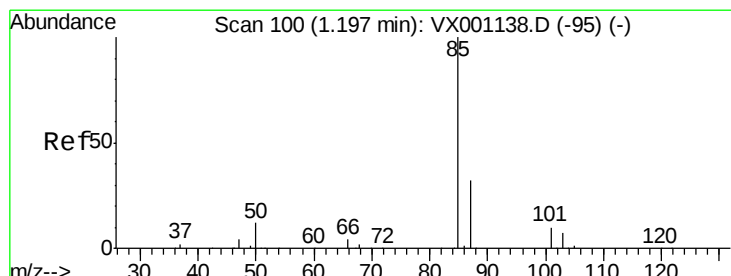
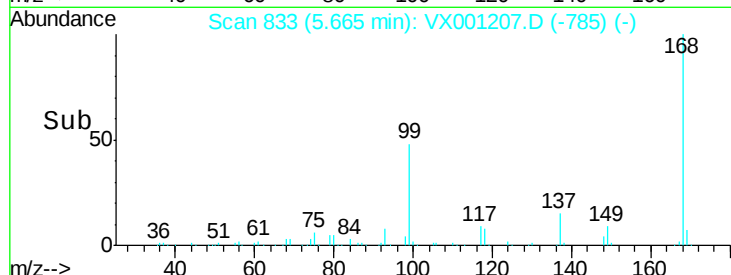
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001207.D

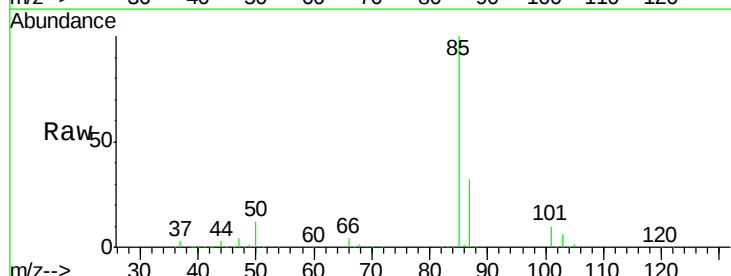
Acq: 28 Apr 2018 11:50

Tgt Ion: 85 Resp: 117180

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

120000

100000

80000

60000

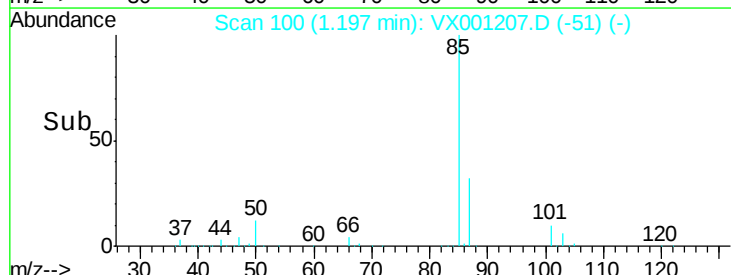
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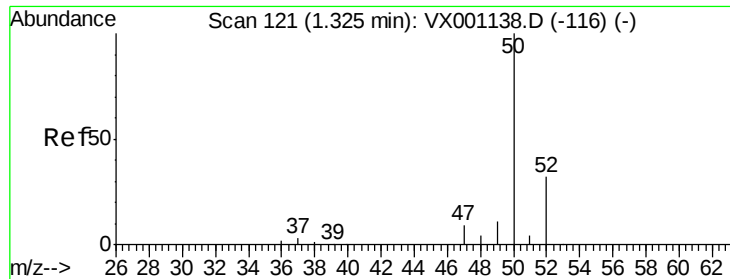
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 106853

Ion Ratio Lower Upper

50 100

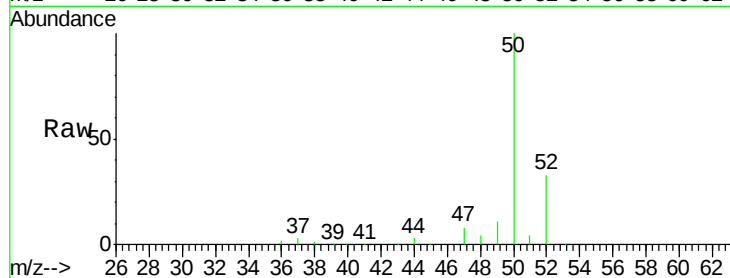
52 33.1 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

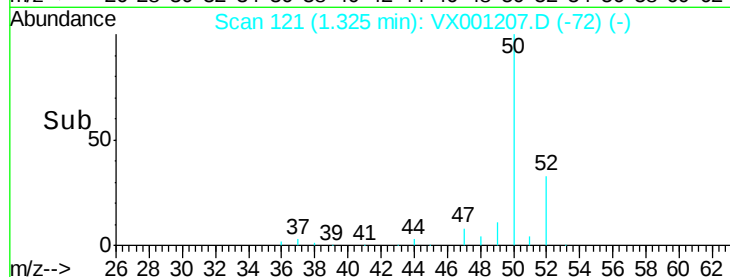
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40000

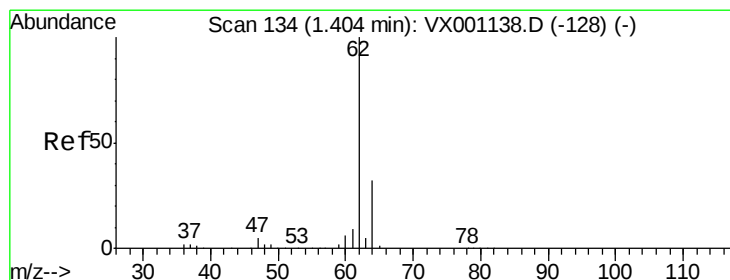
20000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 45.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001207.D

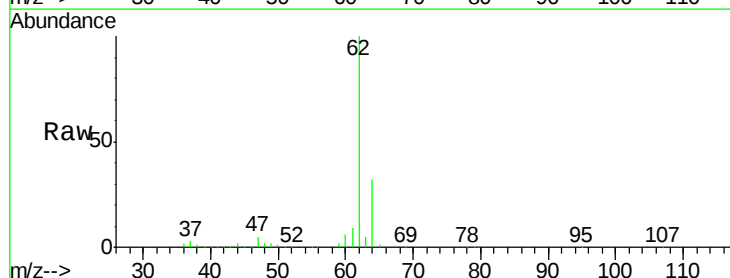
Acq: 28 Apr 2018 11:50

Tgt Ion: 62 Resp: 119228

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

120000

100000

80000

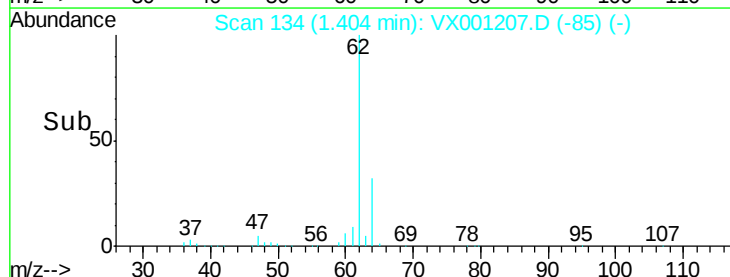
60000

40000

20000

0

Time-->



Time-->



#5

Bromomethane

Concen: 63.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99726

Ion Ratio Lower Upper

94 100

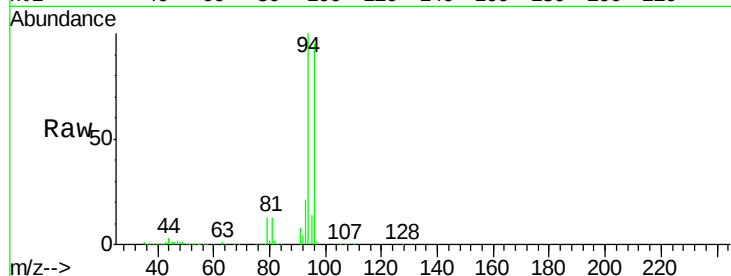
96 94.8 75.3 112.9

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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

100000

80000

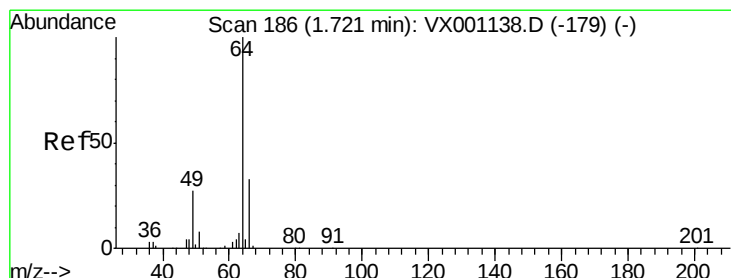
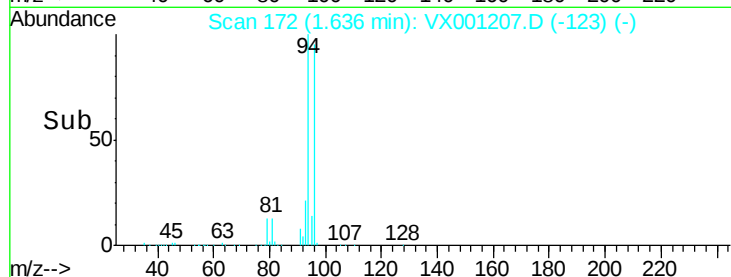
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.54 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001207.D

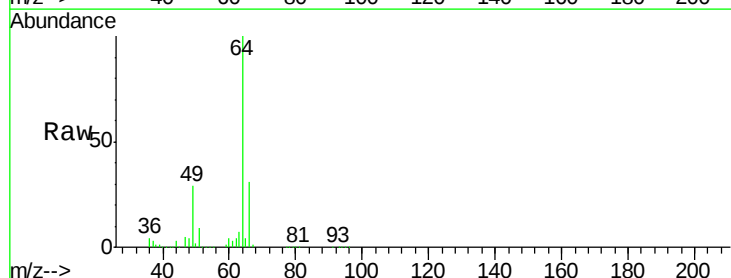
Acq: 28 Apr 2018 11:50

Tgt Ion: 64 Resp: 74718

Ion Ratio Lower Upper

64 100

66 31.5 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

60000

50000

40000

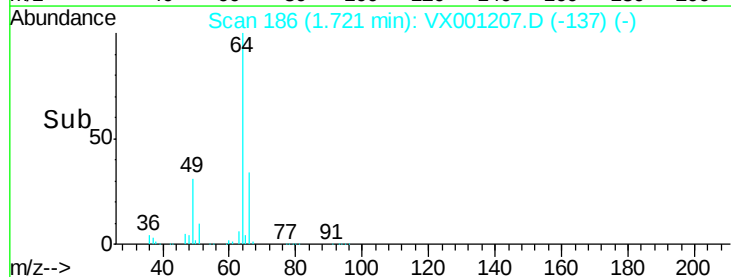
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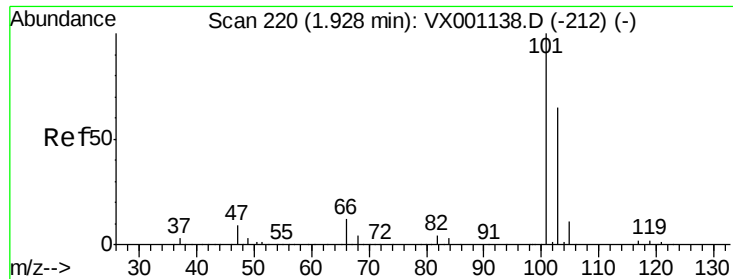
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10000

0

Time-->





#7

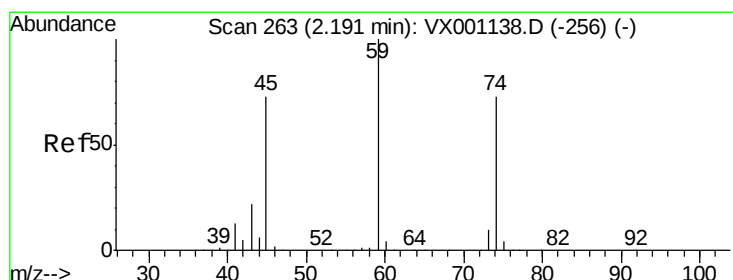
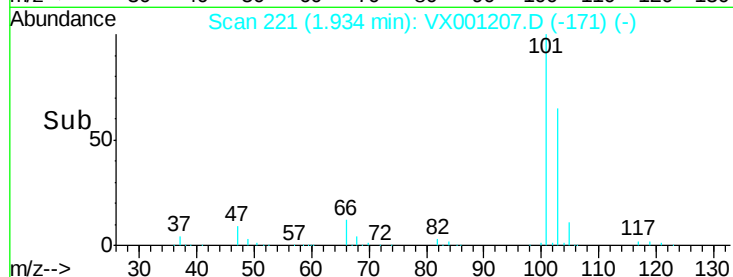
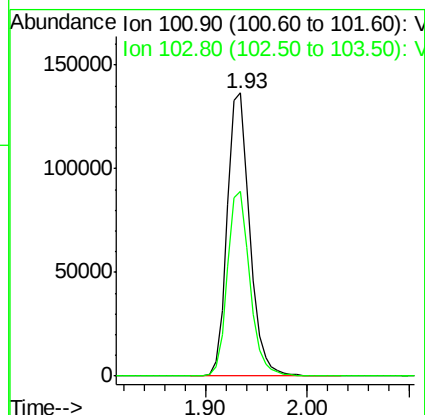
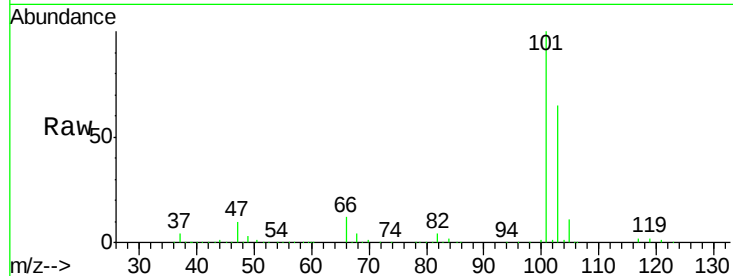
Trichlorofluoromethane
Concen: 49.55 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 208603
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

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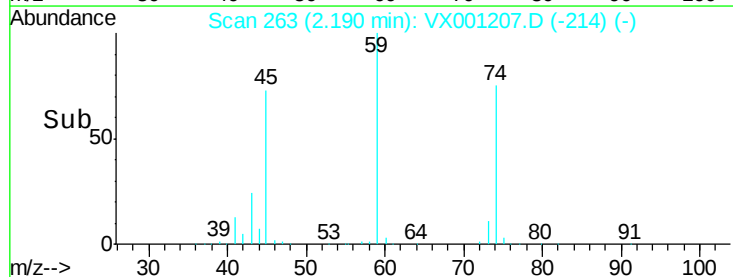
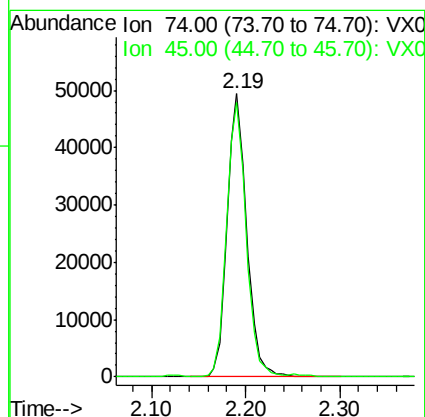
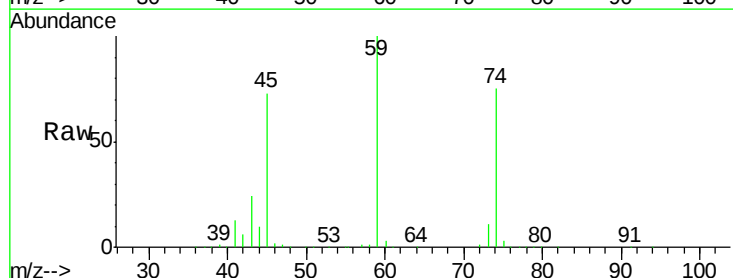
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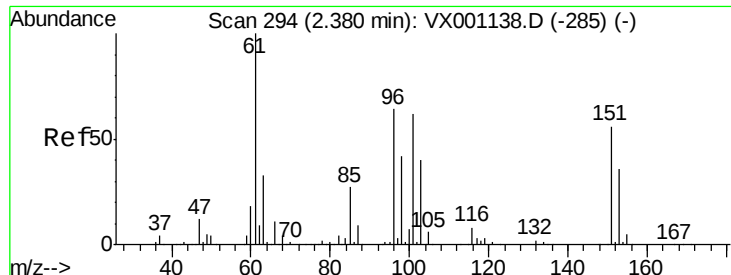


#8

Diethyl Ether
Concen: 43.85 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 74 Resp: 70988
Ion Ratio Lower Upper
74 100
45 96.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

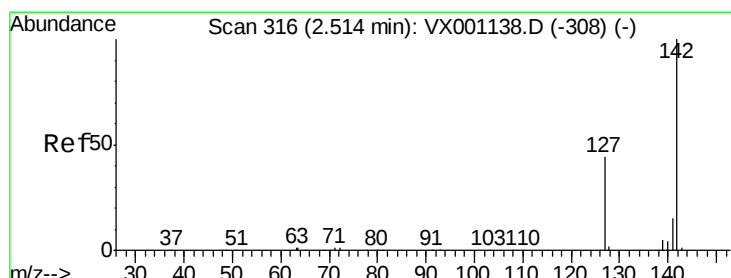
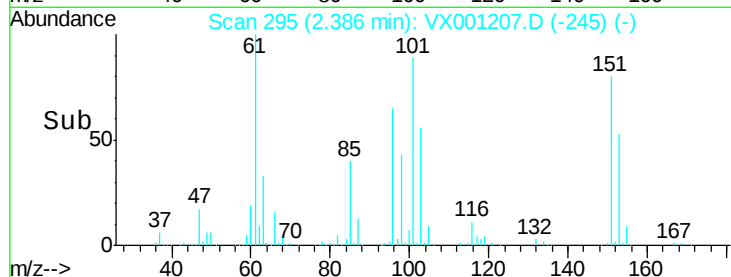
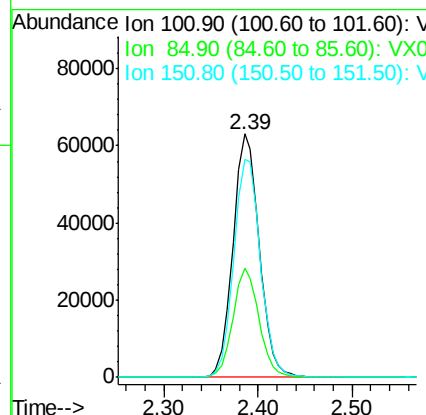
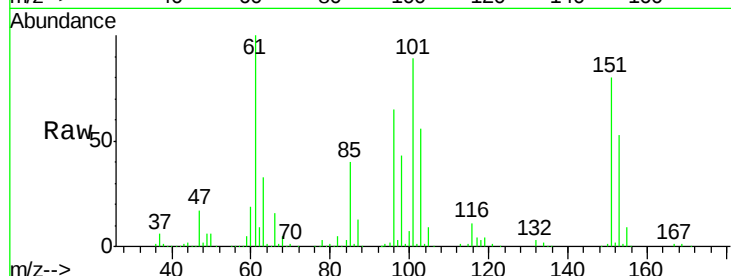
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	122477
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.4	53.0
151	91.2	74.2	111.4

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#10

Methyl Iodide

Concen: 44.75 ug/l

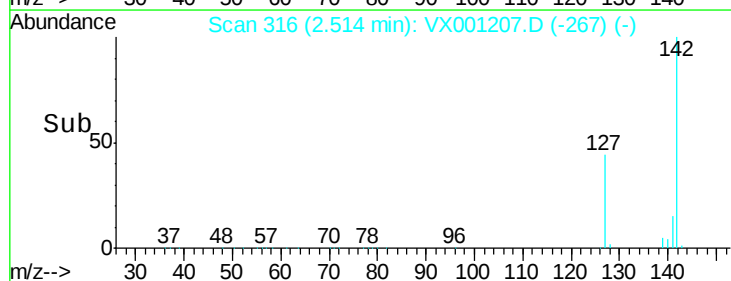
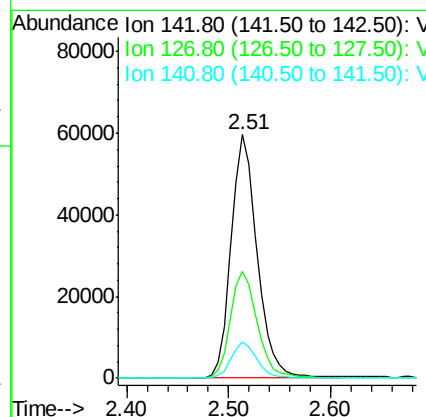
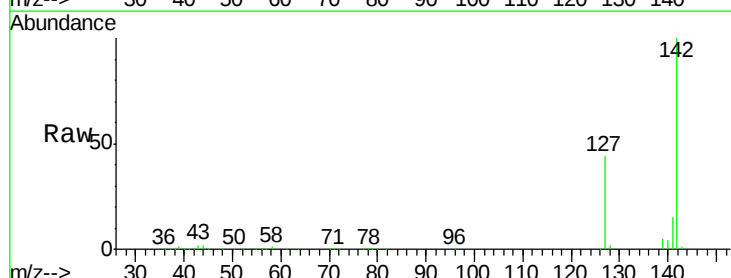
RT: 2.51 min Scan# 316

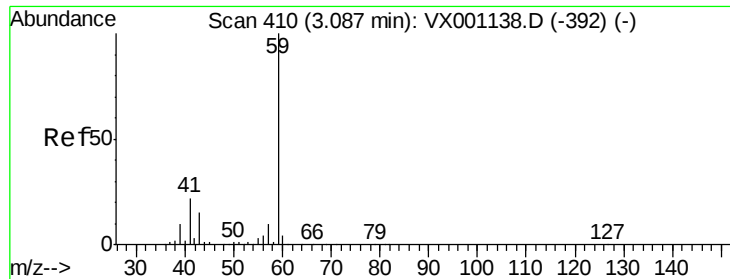
Delta R.T. 0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	142	Resp:	105784
Ion Ratio	Lower	Upper	
142	100		
127	45.2	34.7	52.1
141	14.6	11.6	17.4





#11

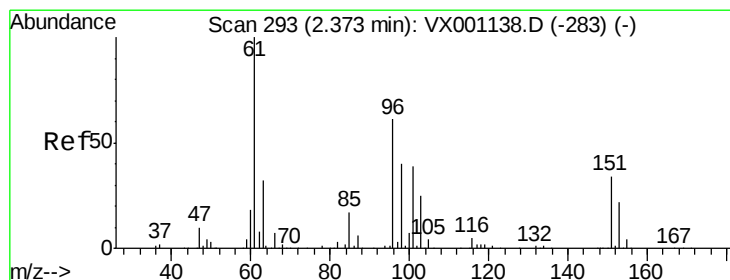
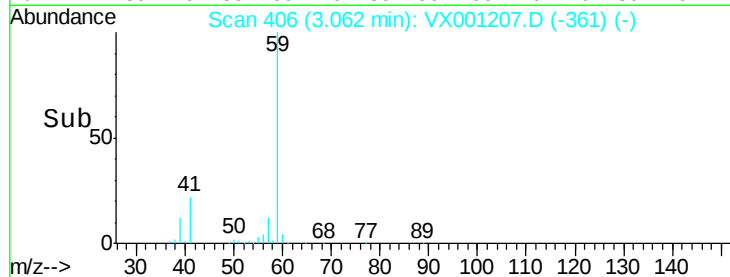
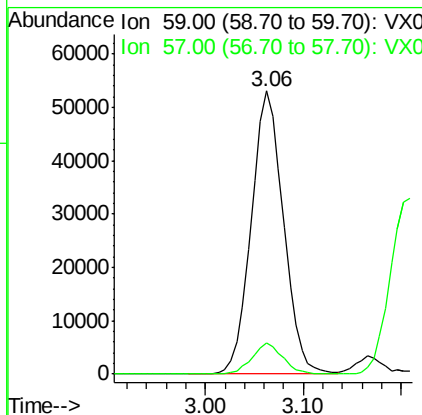
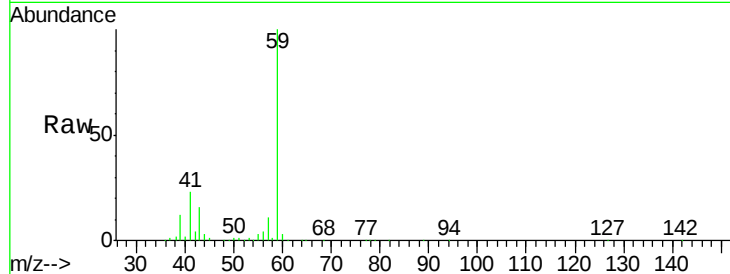
Tert butyl alcohol
Concen: 177.64 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	121480
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.4

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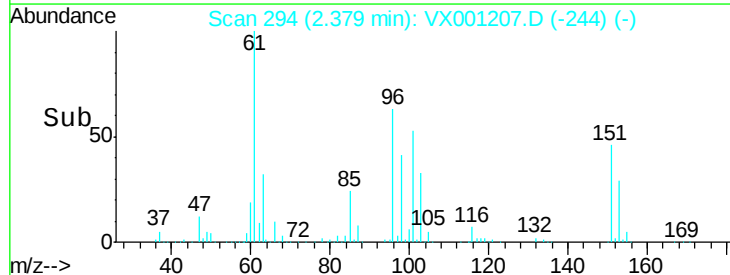
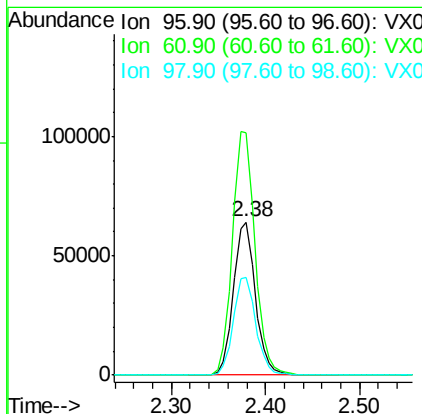
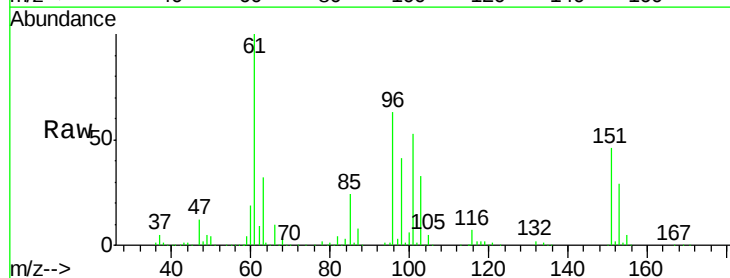
apatel
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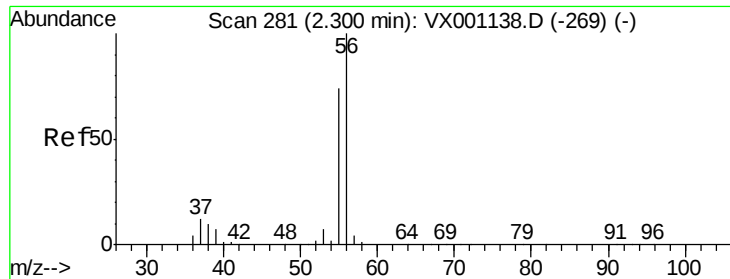


#12

1,1-Dichloroethene
Concen: 46.19 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	96	Resp	104493
Ion Ratio	100	Lower	Upper
61	157.9	130.2	195.4
98	64.0	51.5	77.3





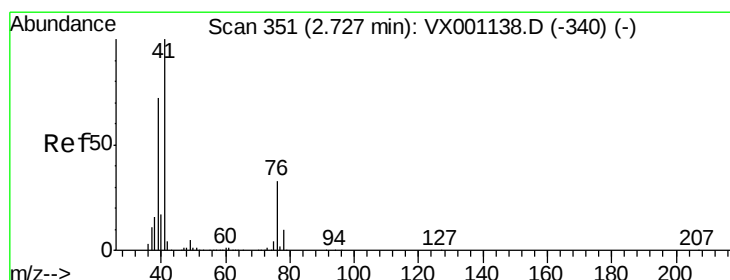
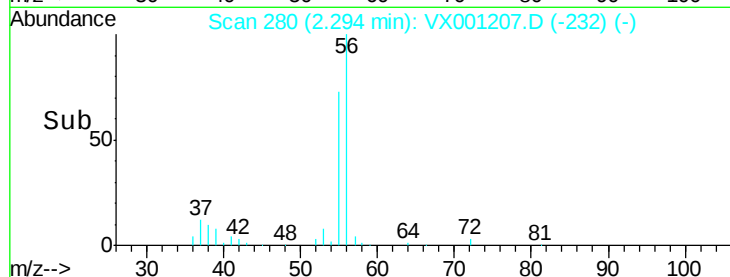
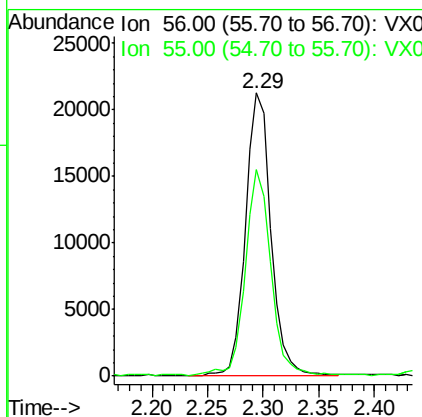
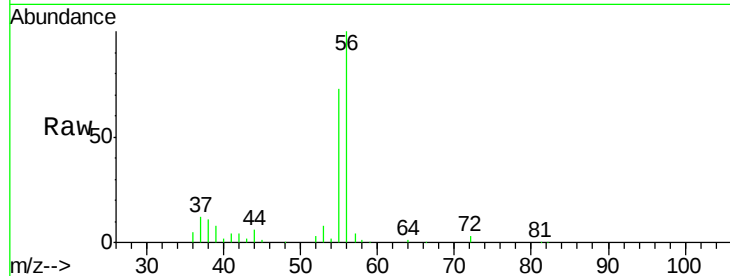
#13
Acrolein
Concen: 131.56 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	Lower	Upper
34010	100	74.1		57.2	85.8

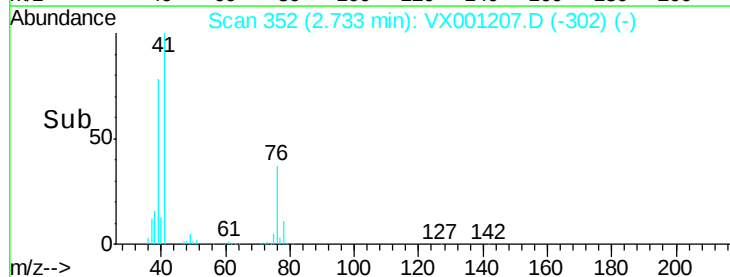
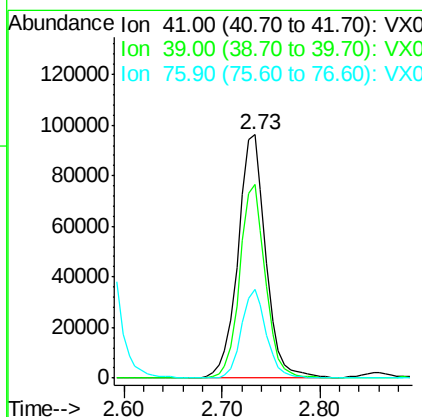
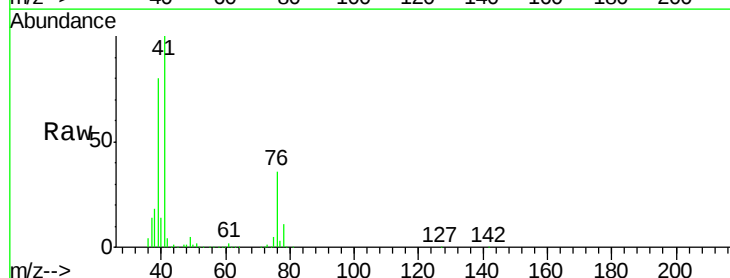
Manual Integrations
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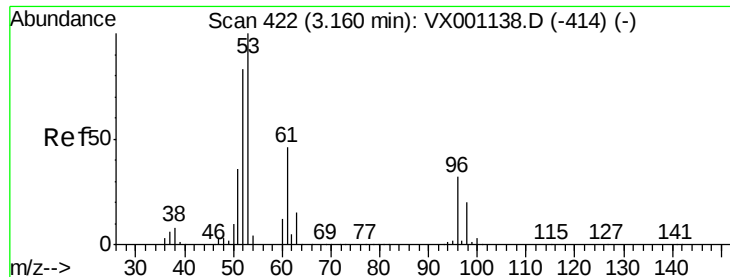
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#14
Allyl chloride
Concen: 45.88 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	41	39	76	Ratio	Lower	Upper
189335	100	73.4	32.9		55.6	83.4
					24.8	37.2





#15

Acrylonitrile

Concen: 192.75 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

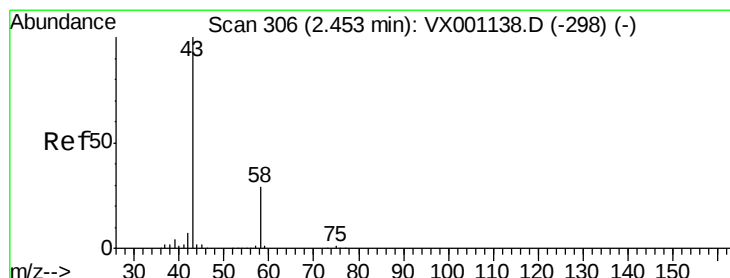
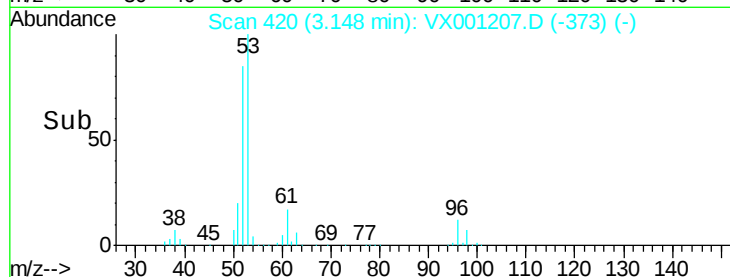
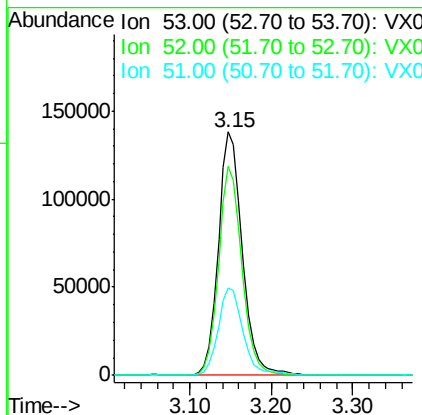
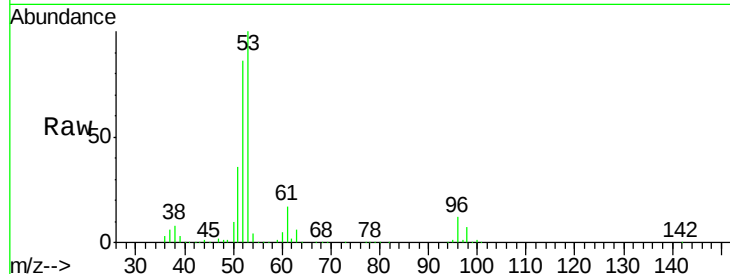
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	281465
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.5	99.7
51	37.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 243.19 ug/l

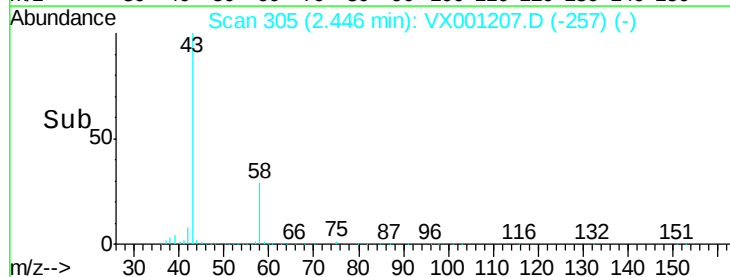
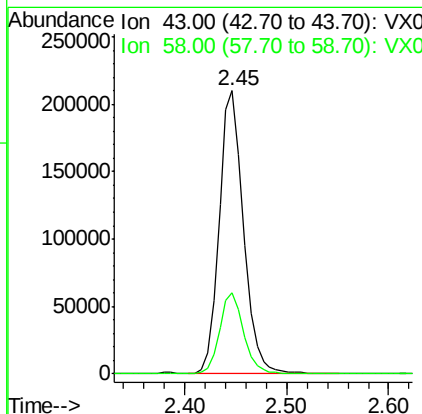
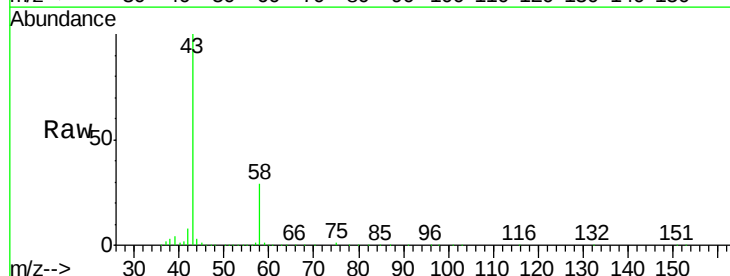
RT: 2.45 min Scan# 305

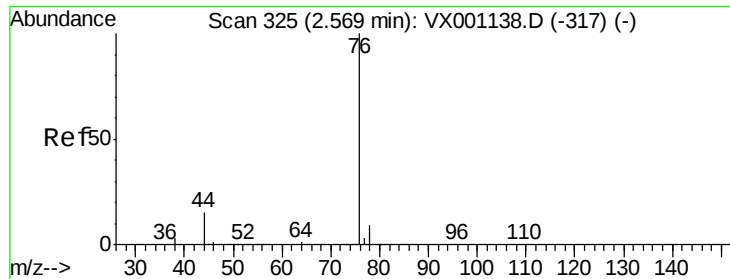
Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	43	Resp:	346791
Ion Ratio		Lower	Upper
43	100		
58	28.8	23.0	34.6





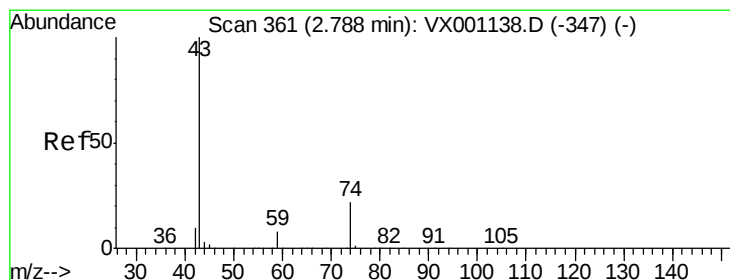
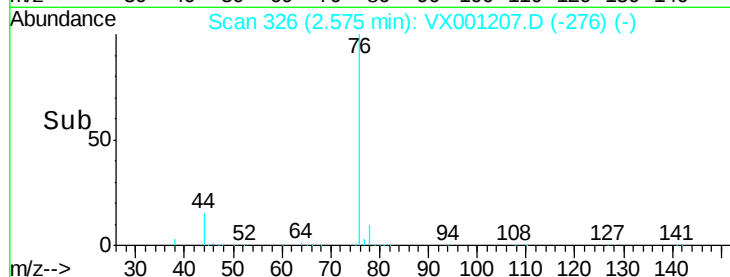
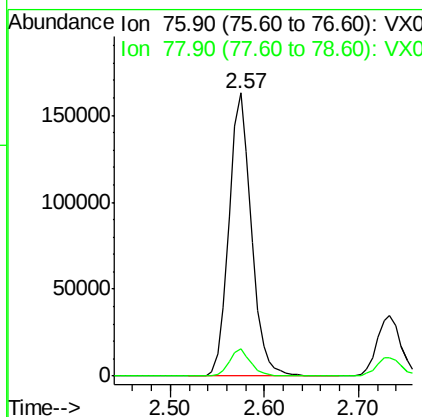
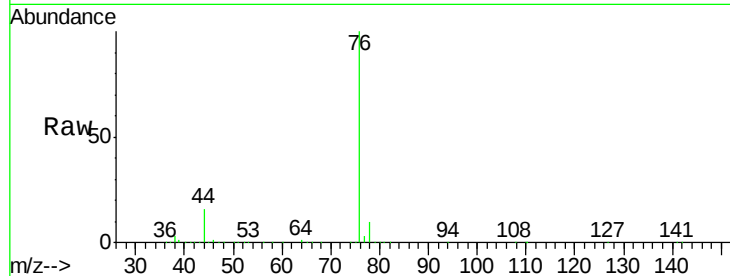
#17
Carbon Disulfide
Concen: 46.72 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

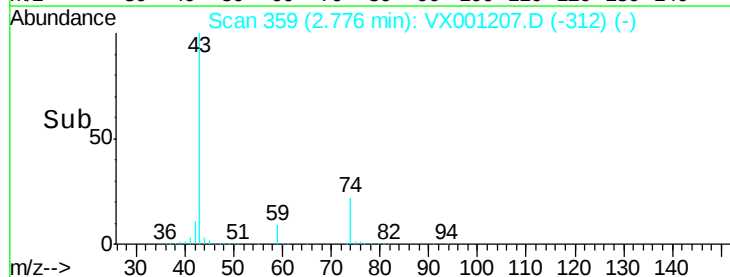
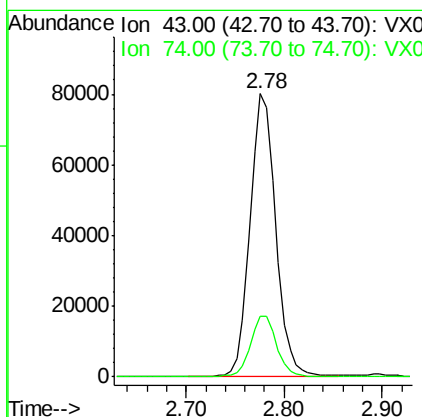
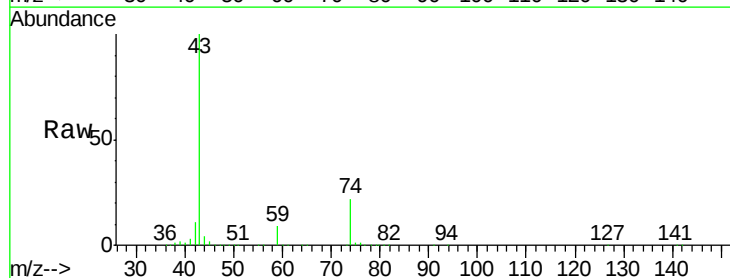
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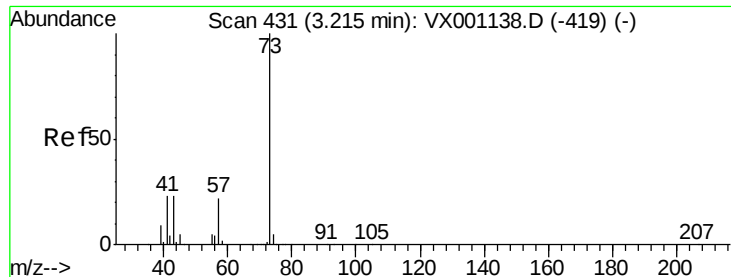
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#18
Methyl Acetate
Concen: 40.83 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.1	27.1





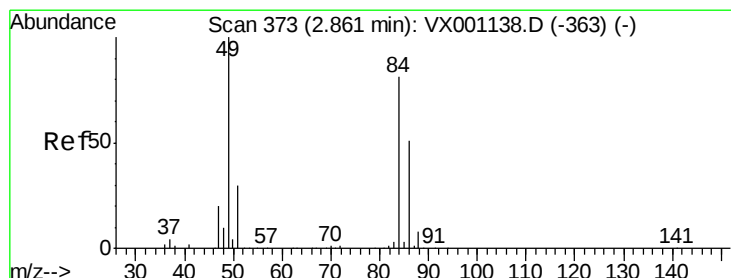
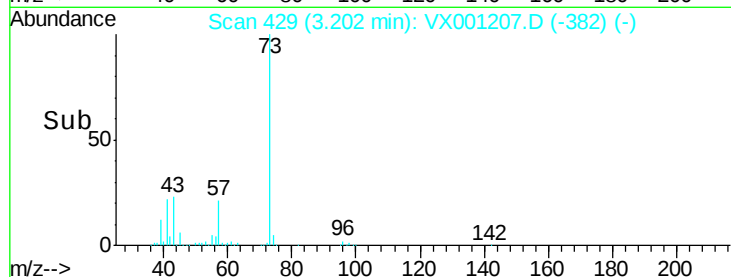
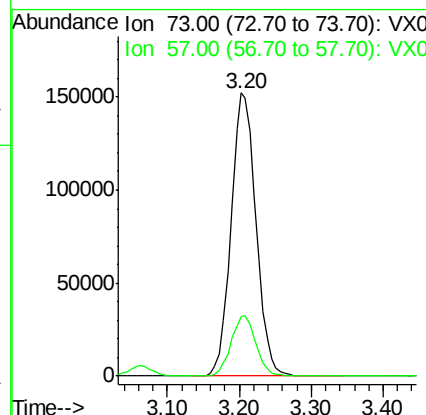
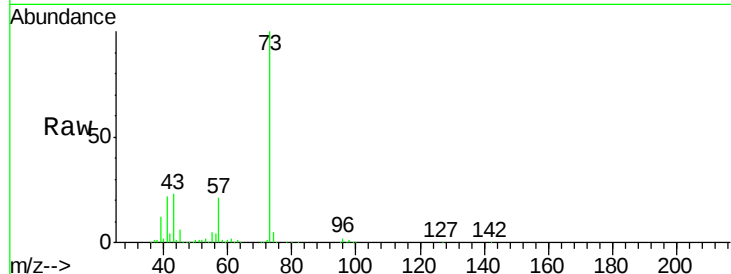
#19
Methvl tert-butvl Ether
Concen: 43.84 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.7	26.5

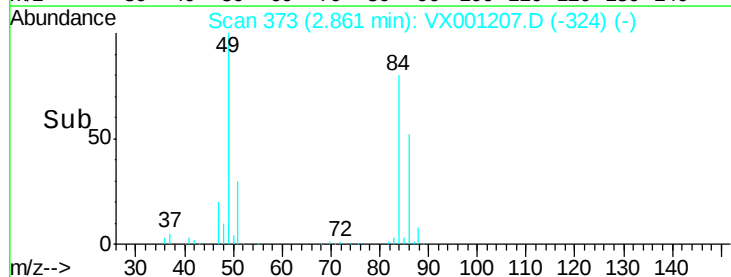
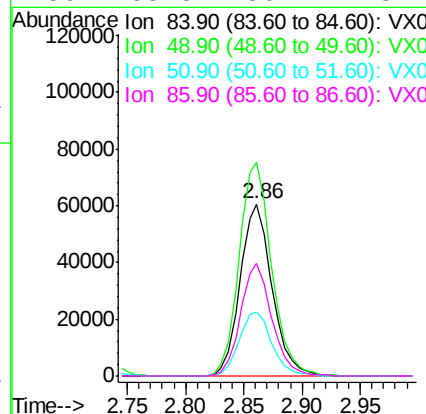
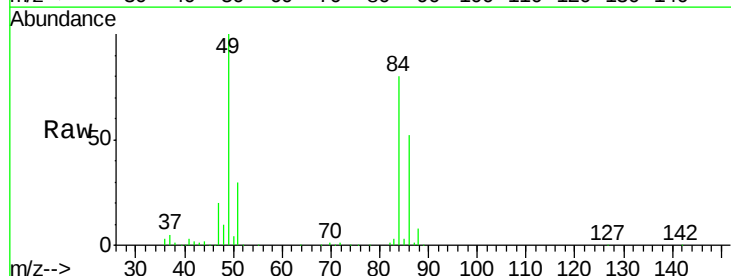
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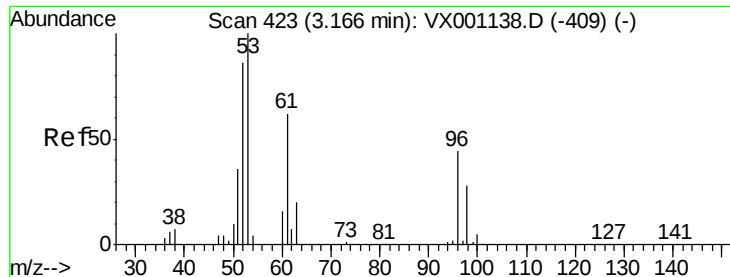
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#20
Methylene Chloride
Concen: 43.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	99.2	148.8
51	37.4	29.5	44.3
86	65.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

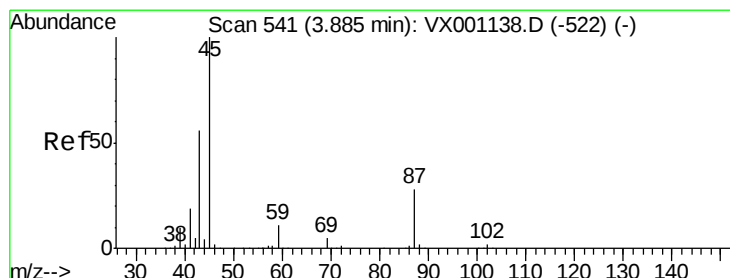
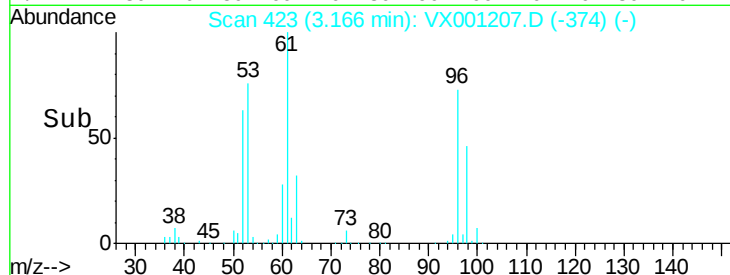
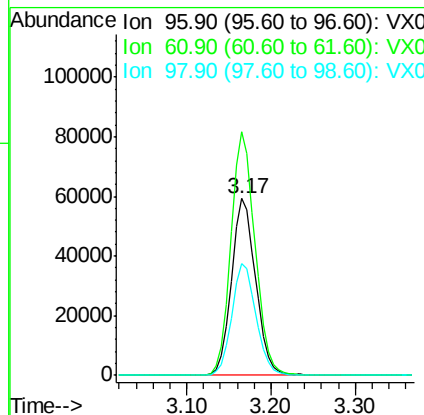
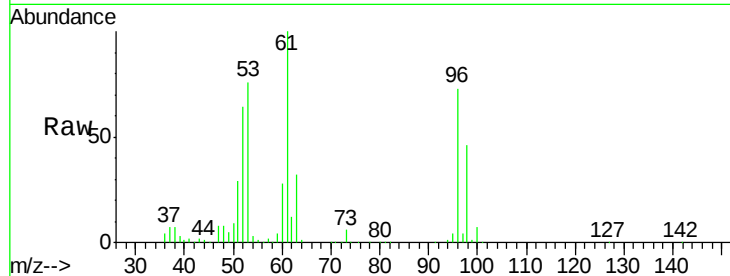
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	115212
Ion	Ratio	Lower	Upper
96	100		
61	137.7	111.9	167.9
98	62.9	51.1	76.7

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#22

Diisopropyl ether

Concen: 45.60 ug/l

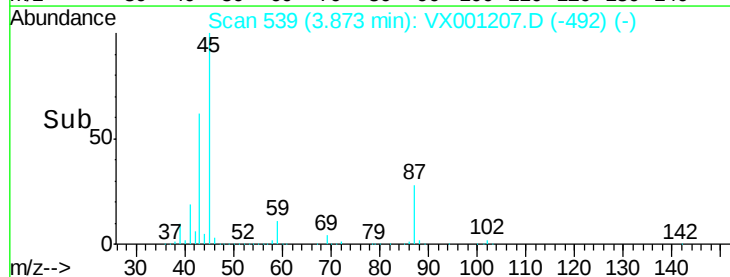
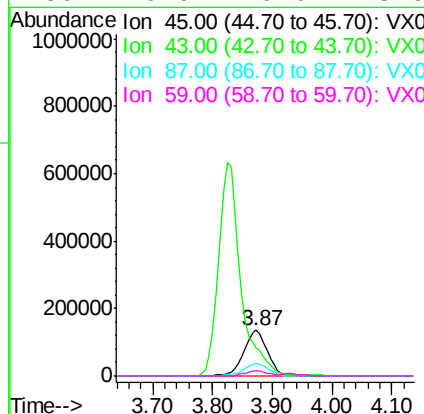
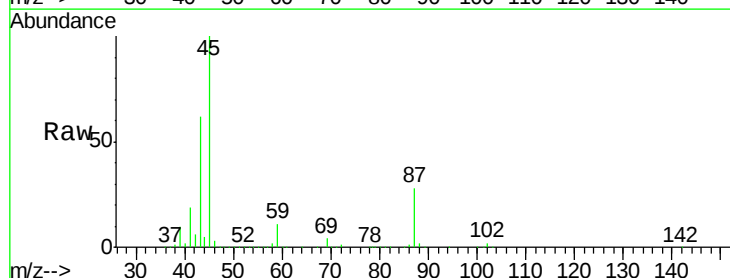
RT: 3.87 min Scan# 539

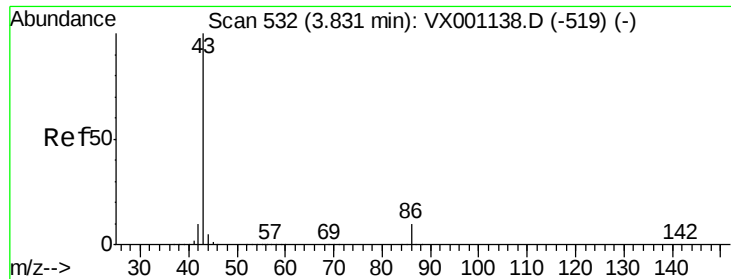
Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	45	Resp:	376534
Ion	Ratio	Lower	Upper
45	100		
43	61.7	45.0	67.4
87	28.1	22.8	34.2
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 235.31 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1648317

Ion Ratio Lower Upper

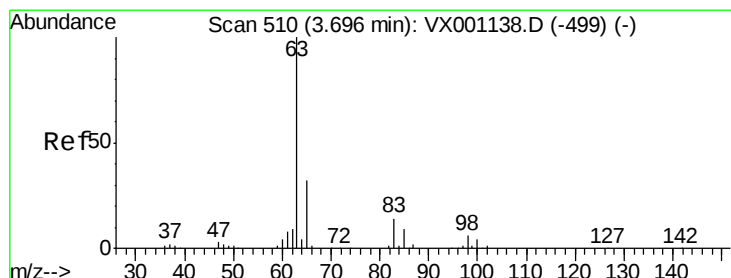
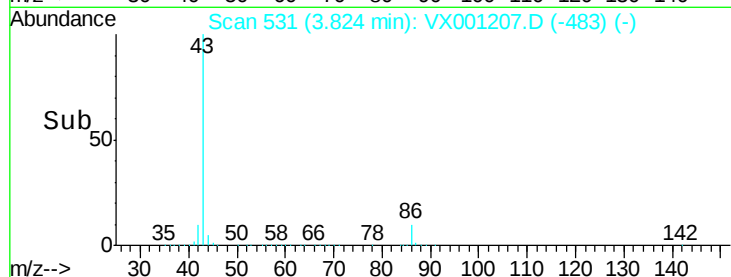
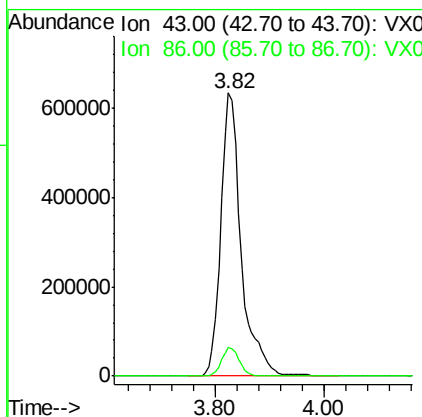
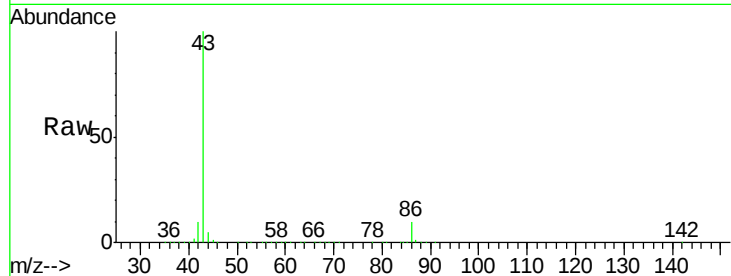
43 100

86 9.9 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 47.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

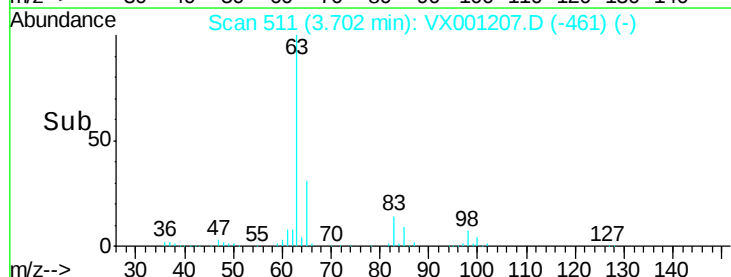
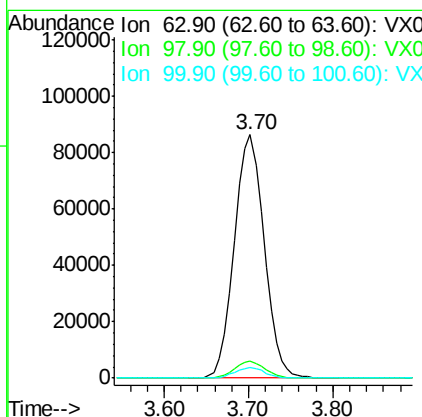
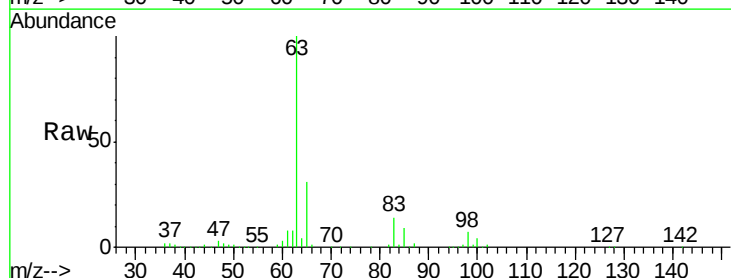
Tgt Ion: 63 Resp: 206635

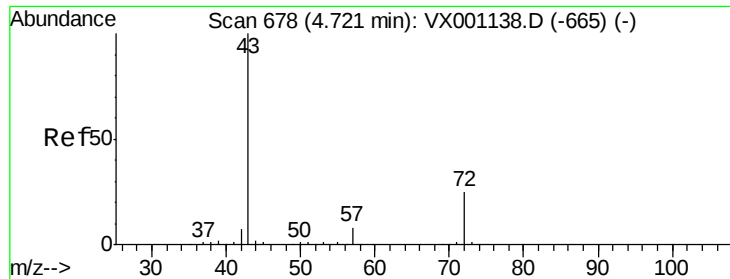
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.4 2.1 6.5





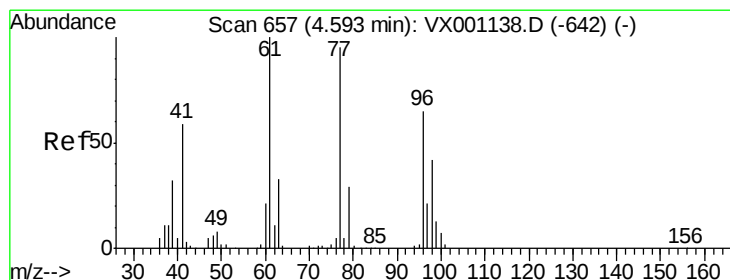
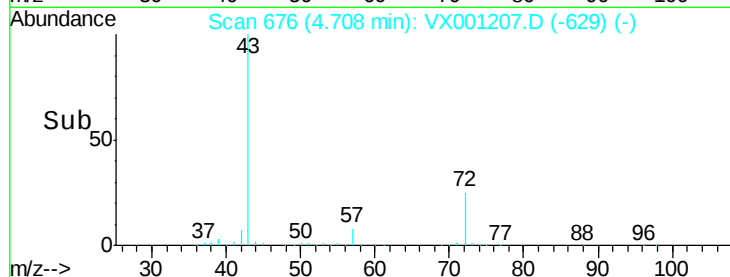
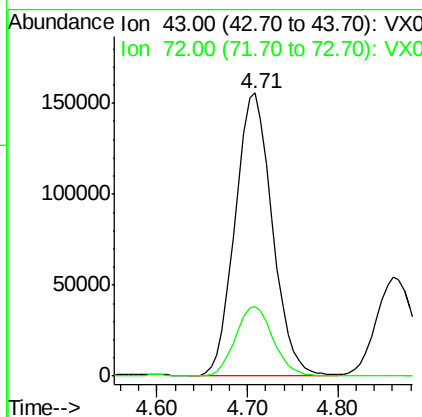
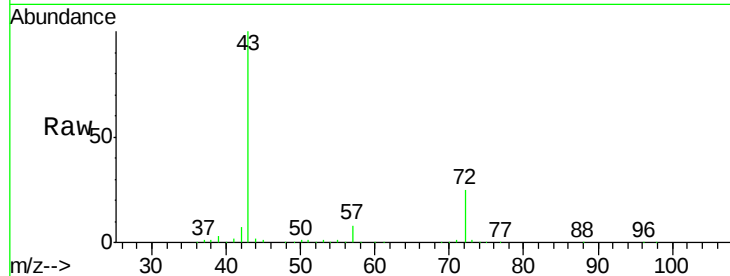
#25
2-Butanone
Concen: 207.12 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 441928
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0

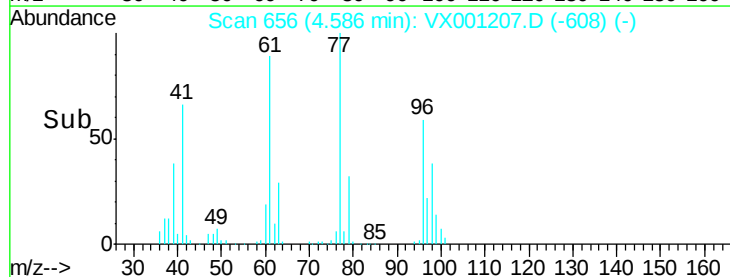
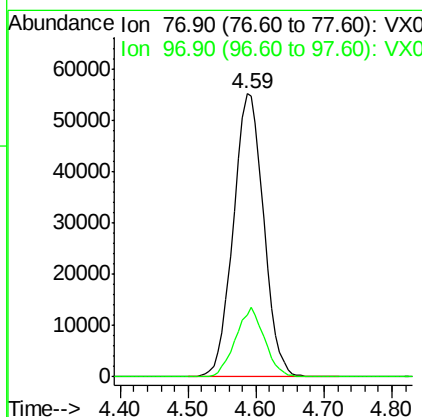
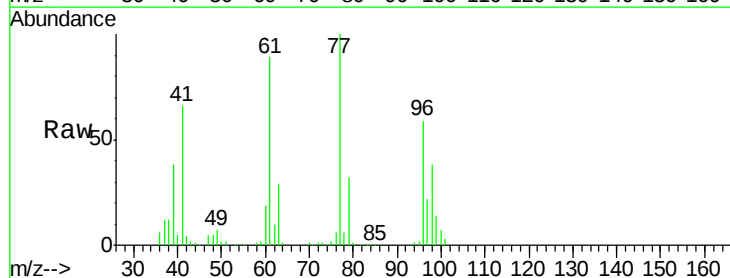
Manual Integrations
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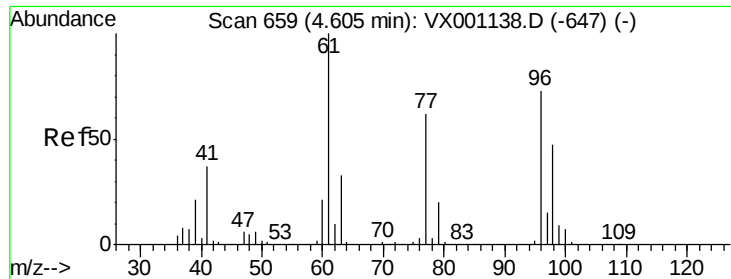
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#26
2,2-Dichloropropane
Concen: 50.14 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 77 Resp: 171278
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.79 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

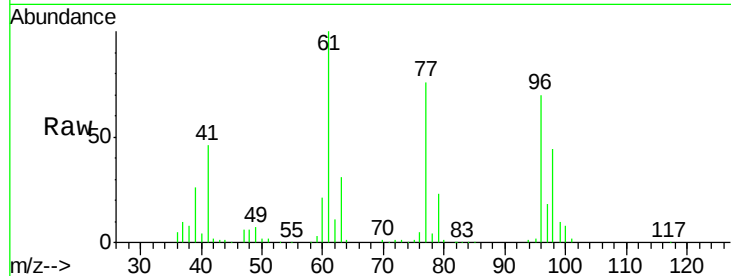
ClientSampleId :

VSTDCCC050

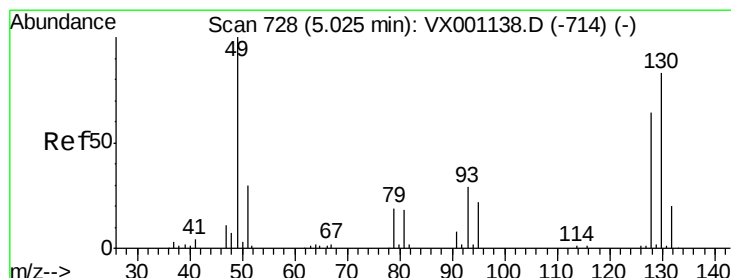
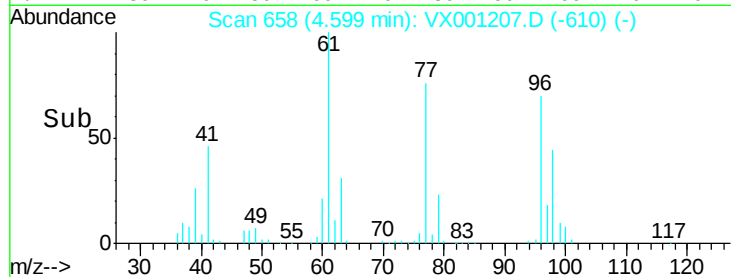
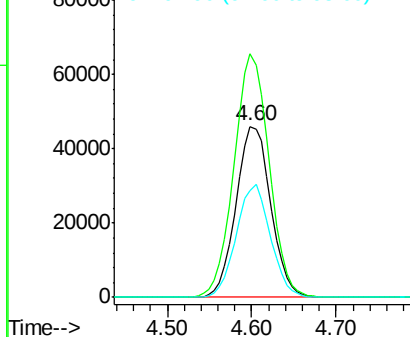
Tot Ion:	96	Resp:	128128
Ion Ratio	Lower	Upper	
96	100		
61	144.8	0.0	289.0
98	64.9	0.0	128.2

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.71 ug/l

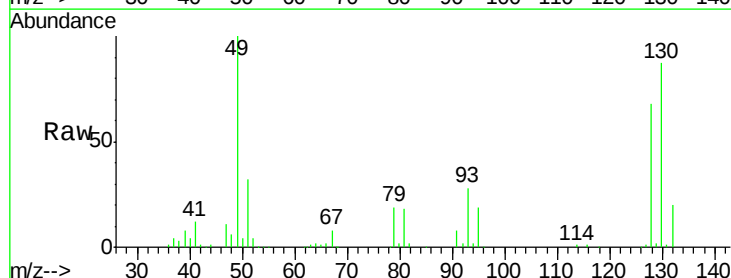
RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

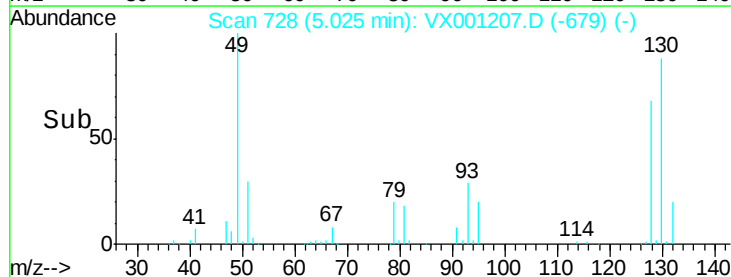
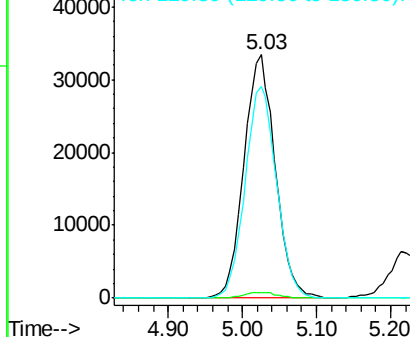
Lab File: VX001207.D

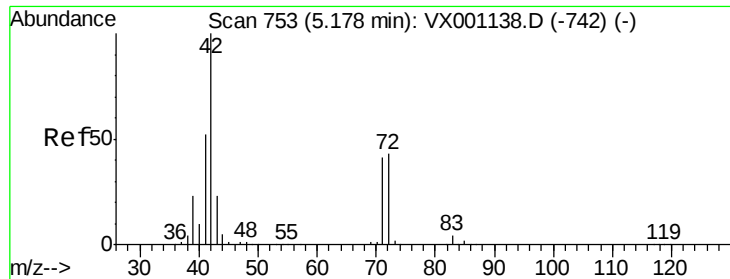
Acq: 28 Apr 2018 11:50

Tgt Ion:	49	Resp:	98669
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.6
130	87.1	68.2	102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





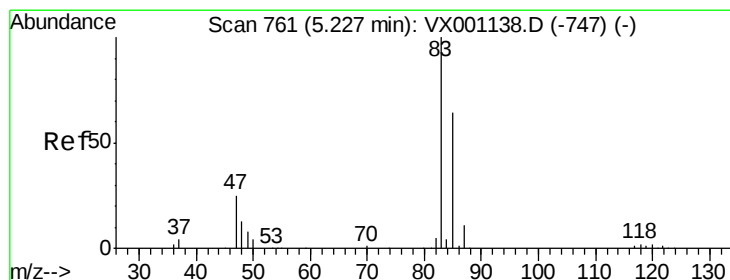
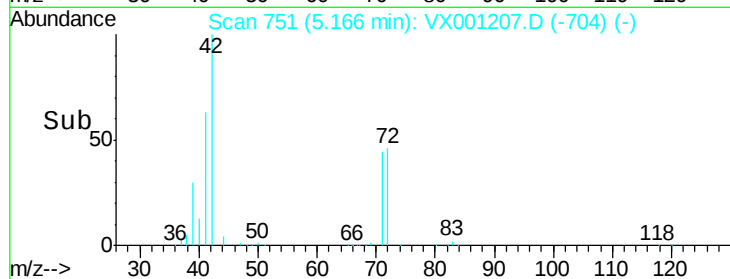
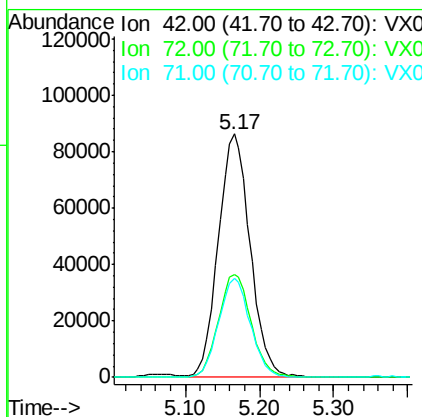
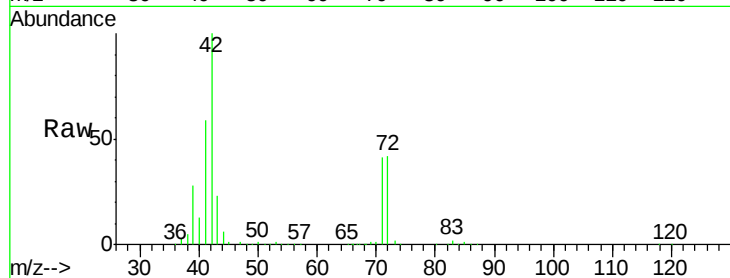
#29
Tetrahydrofuran
Concen: 186.20 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.4	51.6
71	40.8	32.1	48.1

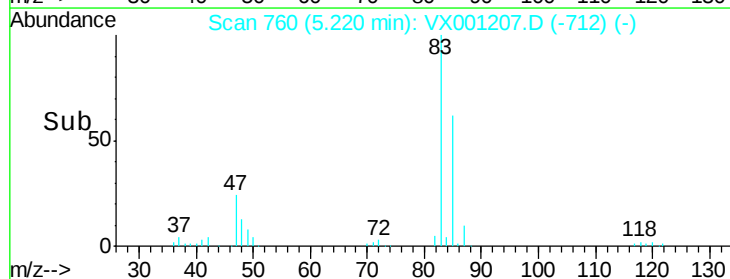
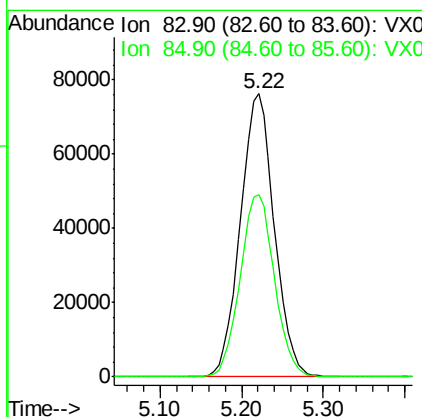
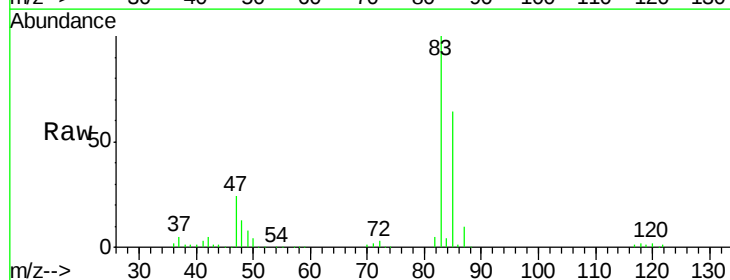
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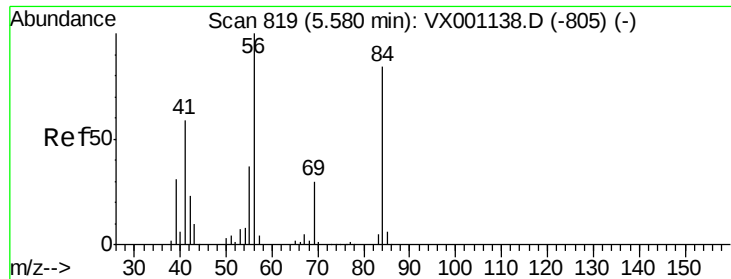
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#30
Chloroform
Concen: 47.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0





#31

Cyclohexane

Concen: 50.49 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

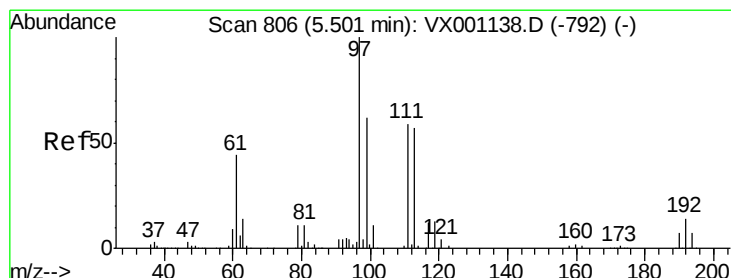
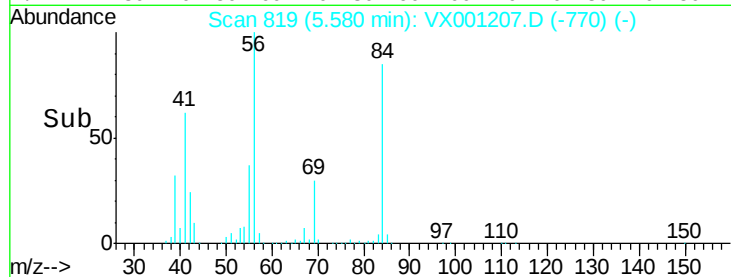
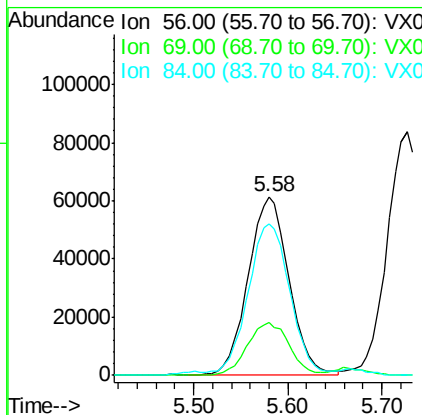
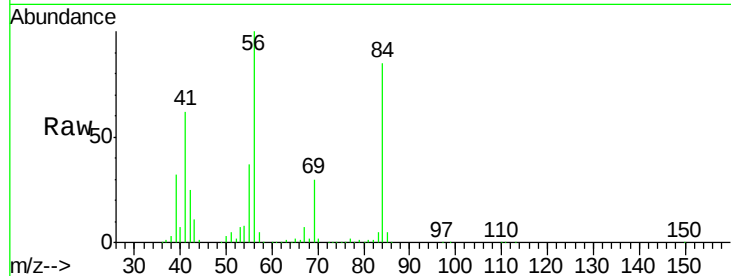
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	186143
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.2	36.2
84	83.0	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 49.63 ug/l

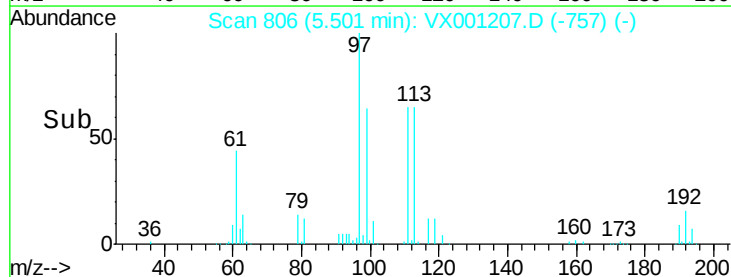
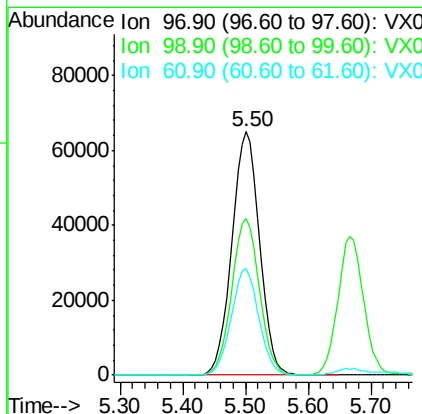
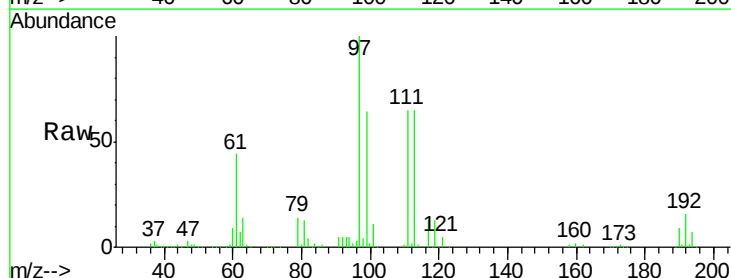
RT: 5.50 min Scan# 806

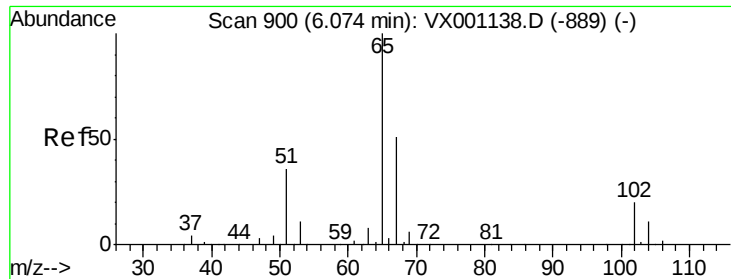
Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	97	Resp:	197700
Ion Ratio	Lower	Upper	
97	100		
99	64.4	50.9	76.3
61	43.7	35.0	52.6





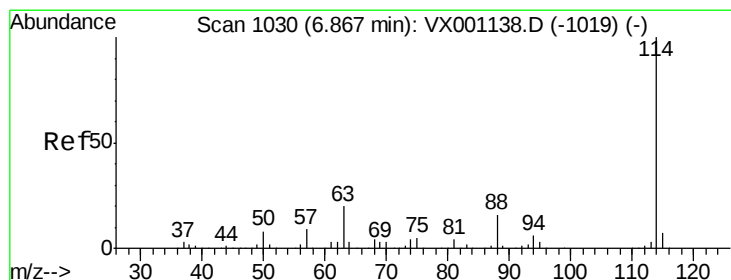
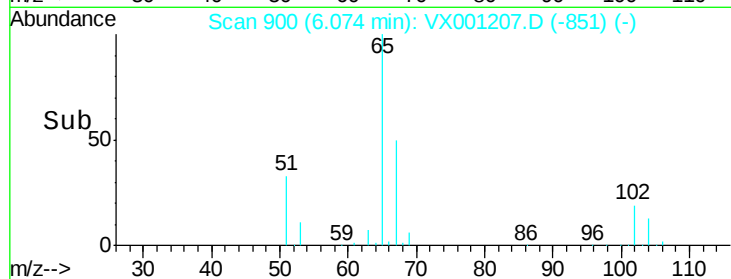
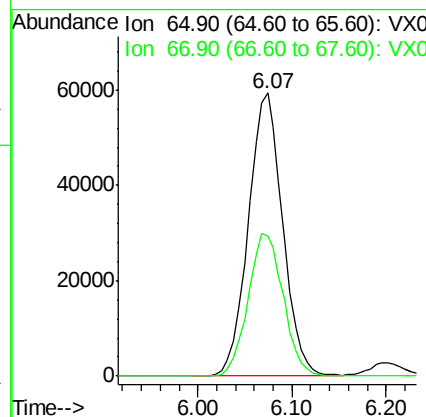
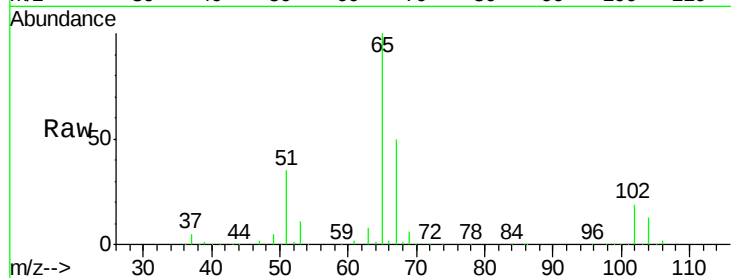
#33
 1,2-Dichloroethane-d4
 Concen: 43.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	151303		
67	51.7	0.0	102.2	

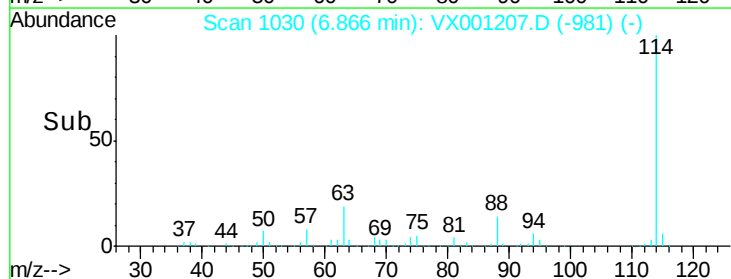
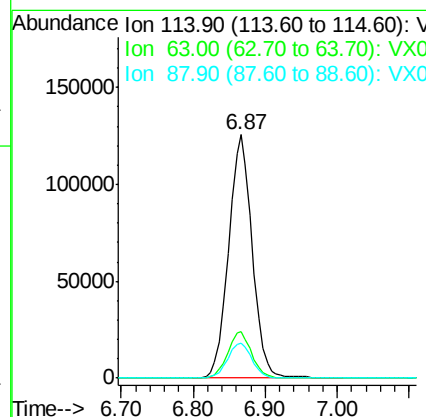
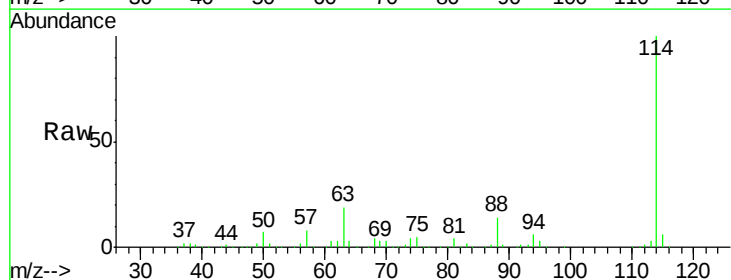
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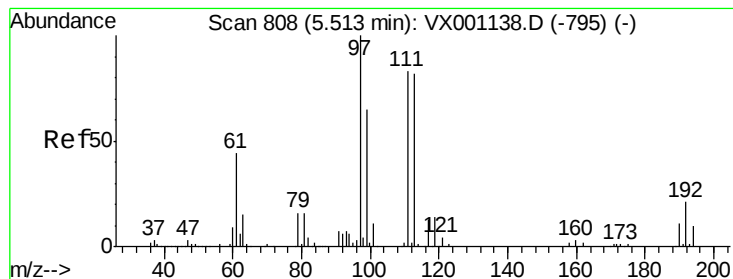
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286106		
63	19.2	0.0	40.4	
88	14.2	0.0	31.8	





#35

Dibromofluoromethane

Concen: 51.84 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

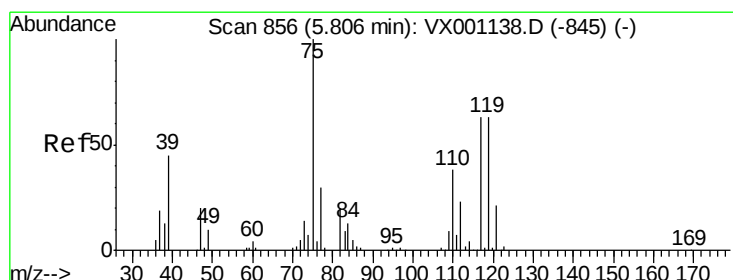
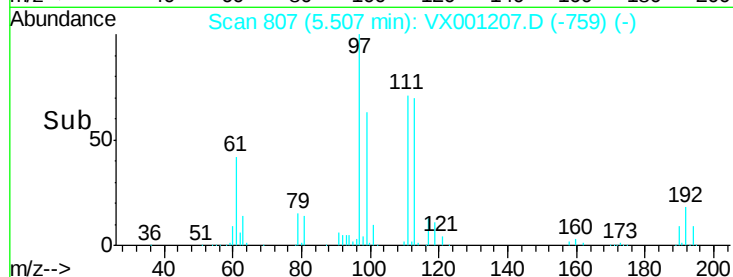
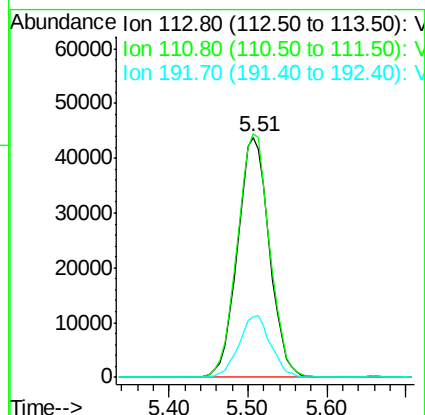
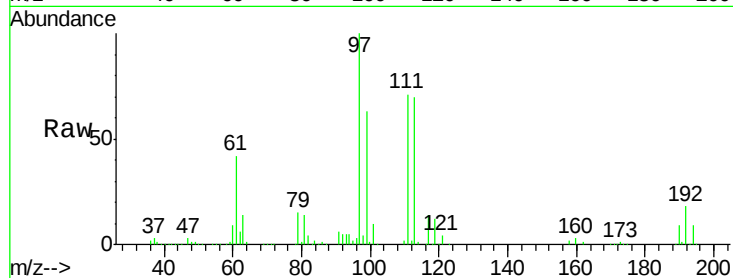
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	122769
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	25.8	20.6	30.8

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#36

1,1-Dichloropropene

Concen: 53.23 ug/l

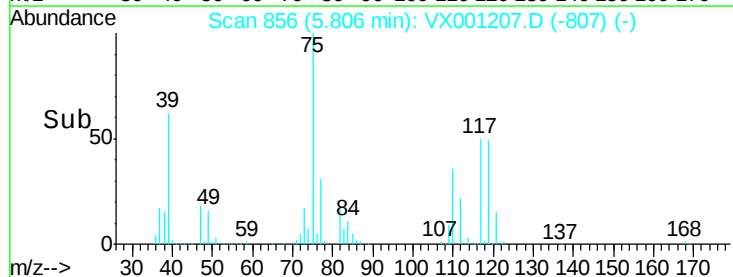
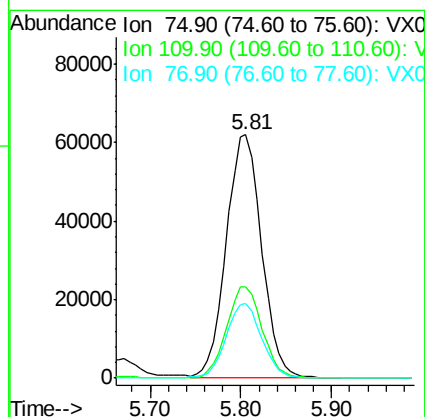
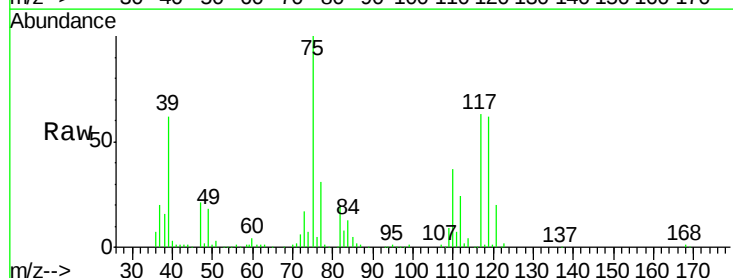
RT: 5.81 min Scan# 856

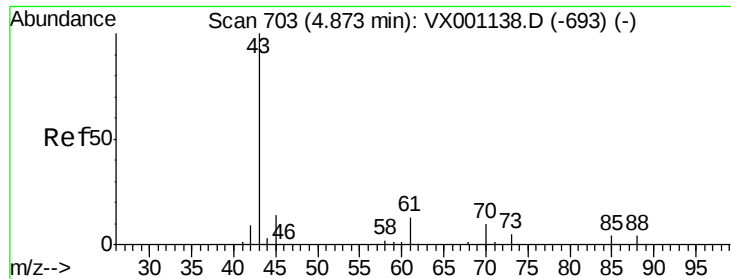
Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	75	Resp:	167823
Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.0	57.0
77	31.1	24.8	37.2





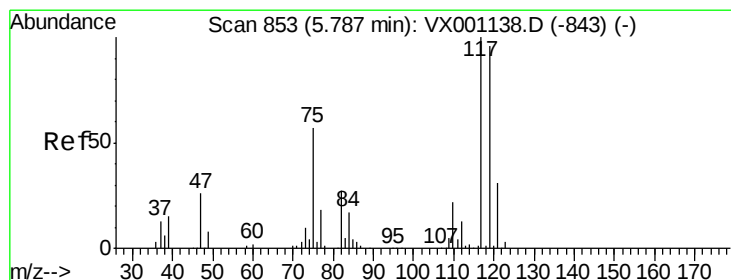
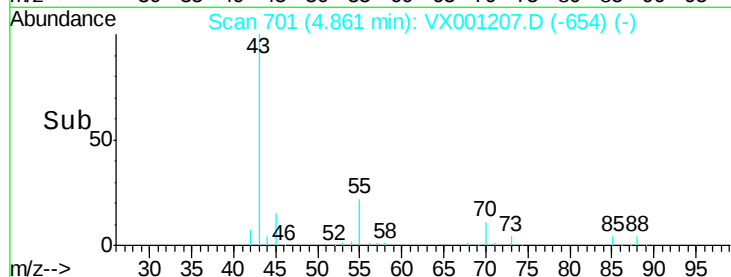
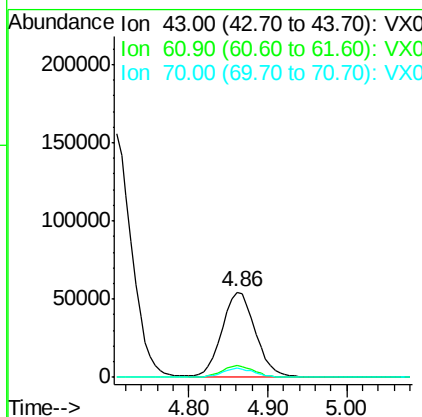
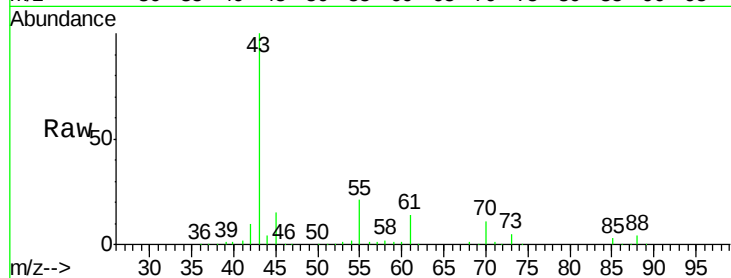
#37
Ethyl Acetate
Concen: 42.49 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	160426
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	10.2	8.2	12.2

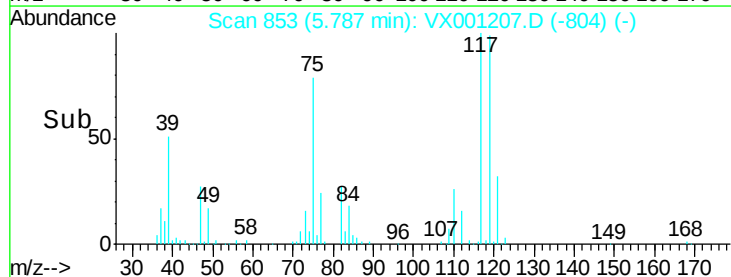
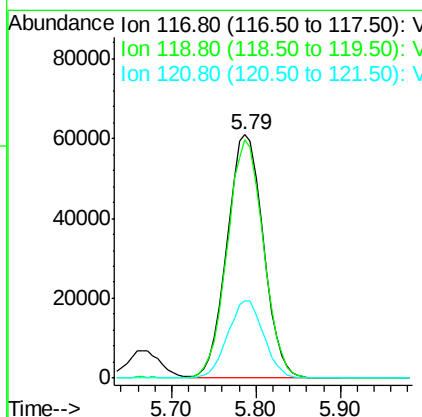
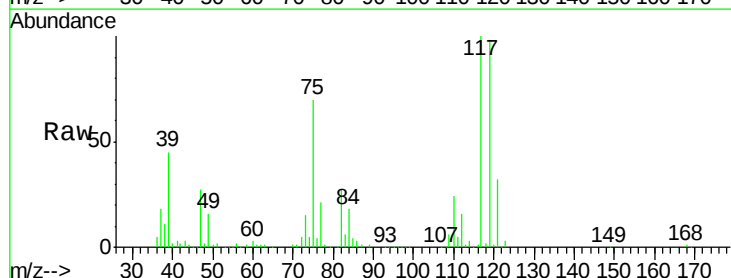
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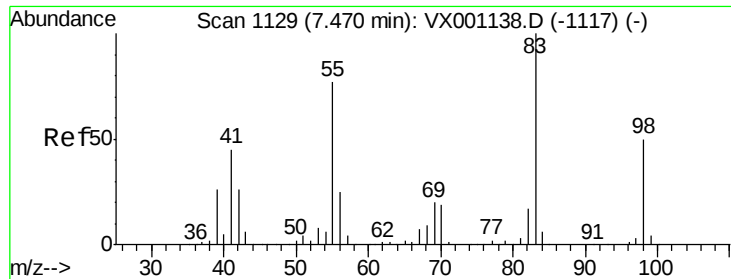
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#38
Carbon Tetrachloride
Concen: 55.17 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:	117	Resp:	178345
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.5	114.7
121	31.6	24.6	37.0





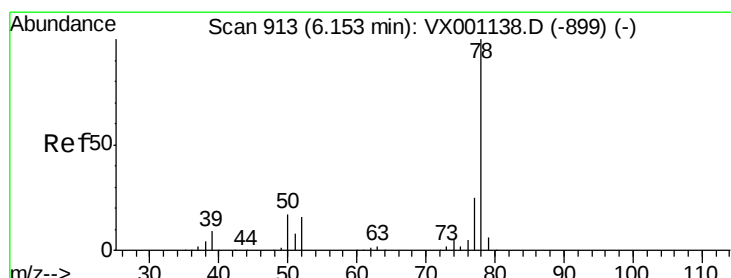
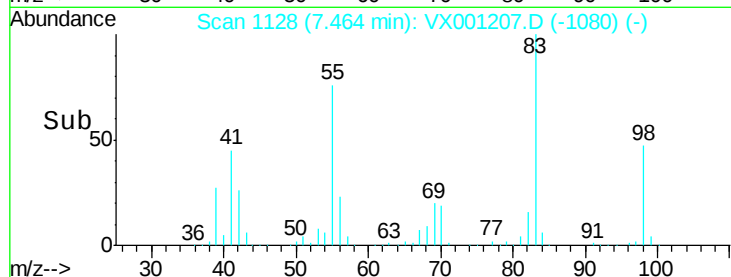
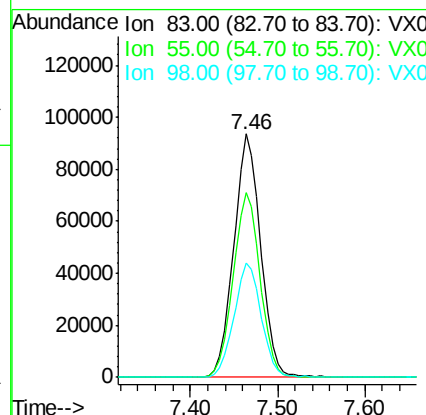
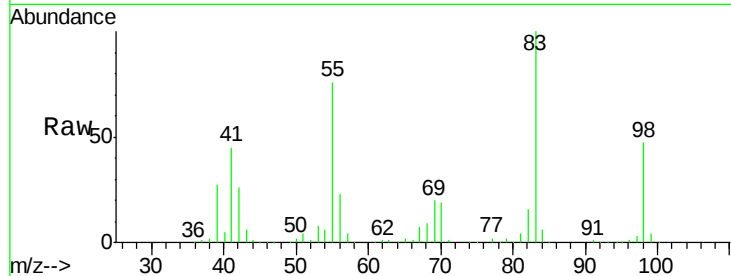
#39
Methvlcvclohexane
Concen: 57.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	200449		
55	75.9		61.8	92.6
98	47.0		40.0	60.0

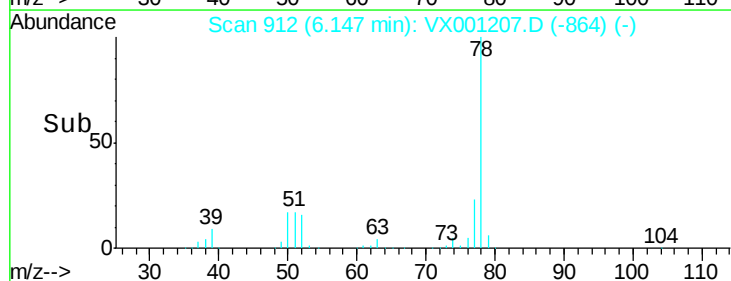
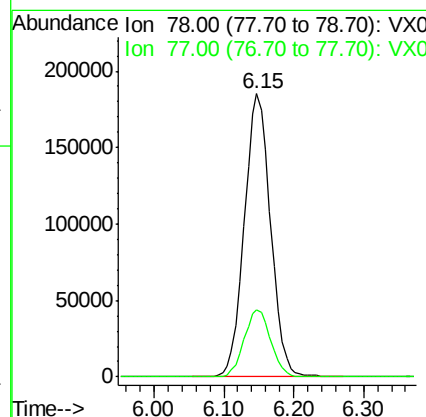
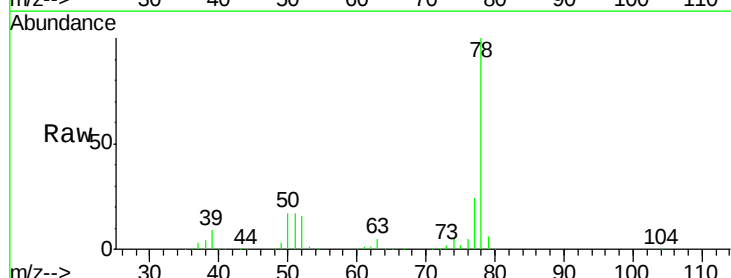
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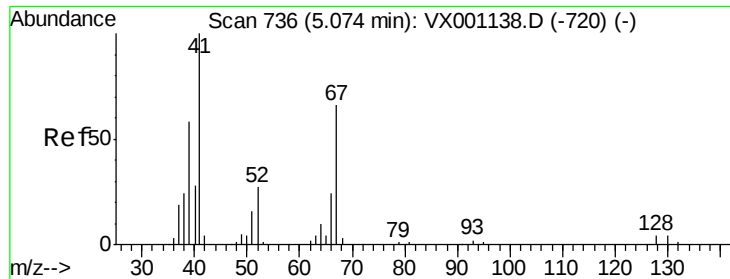
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#40
Benzene
Concen: 52.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	481124		
77	23.6		19.7	29.5





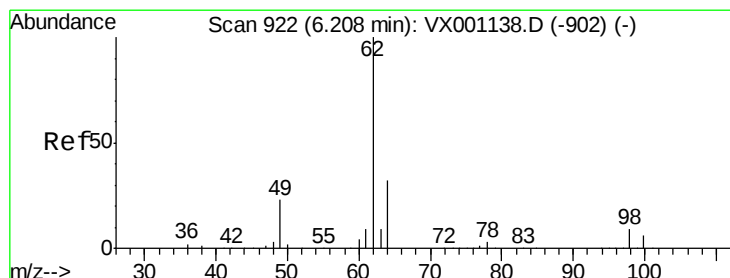
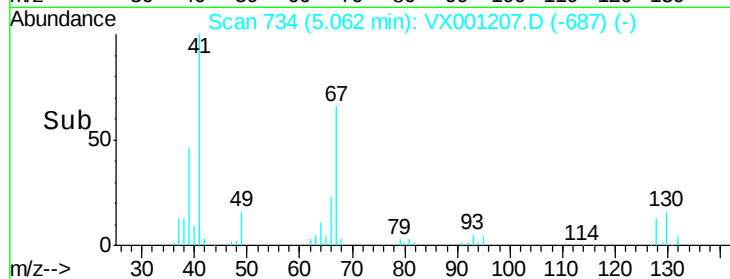
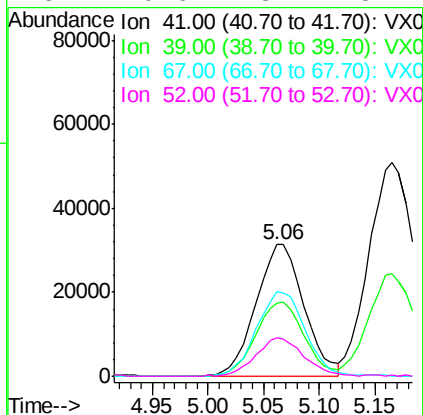
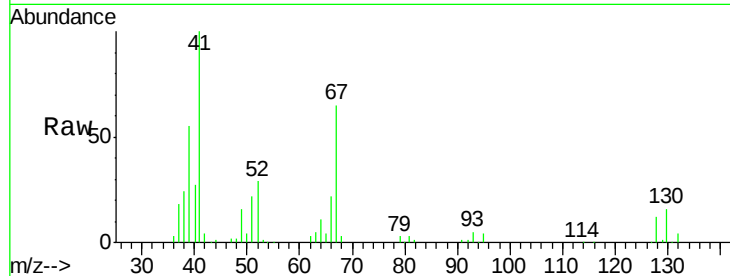
#41
Methacrylonitrile
Concen: 43.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	45.9	68.9	
67	65.9	53.2	79.8	
52	29.6	23.1	34.7	

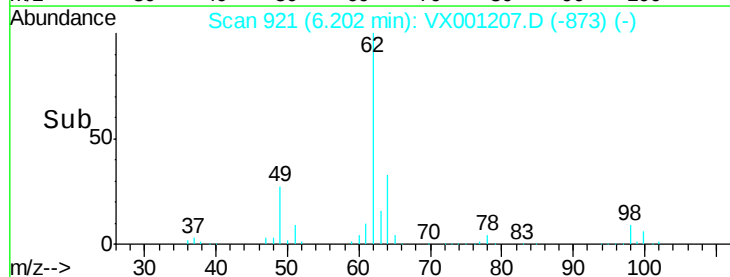
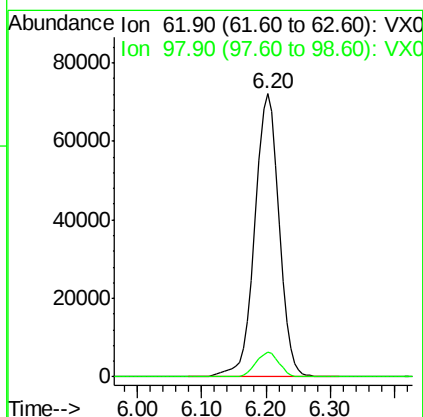
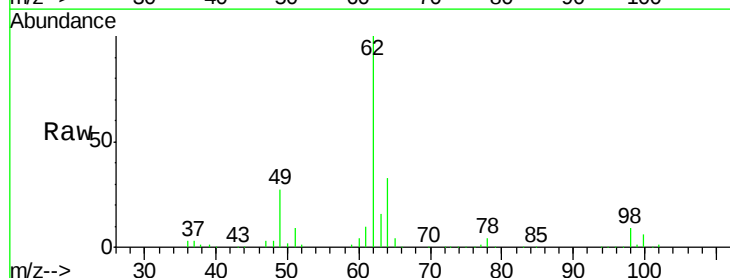
Manual Integrations
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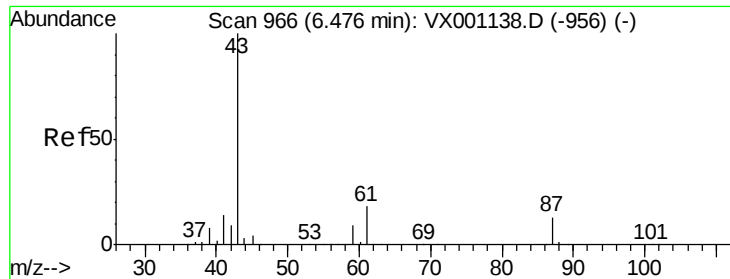
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#42
1,2-Dichloroethane
Concen: 50.78 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	17.0	





#43

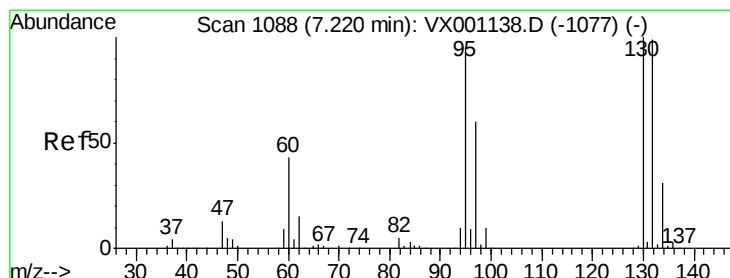
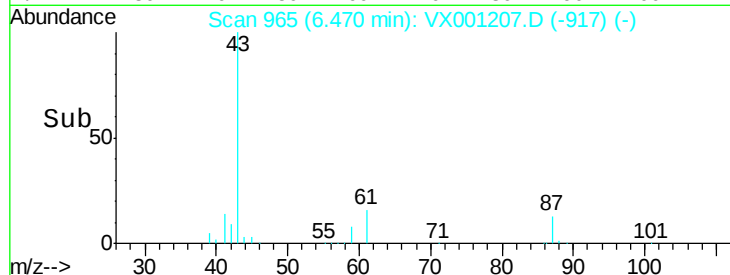
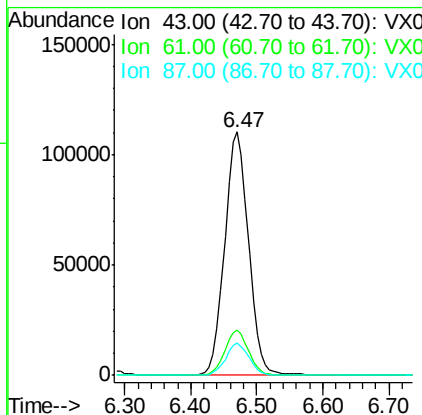
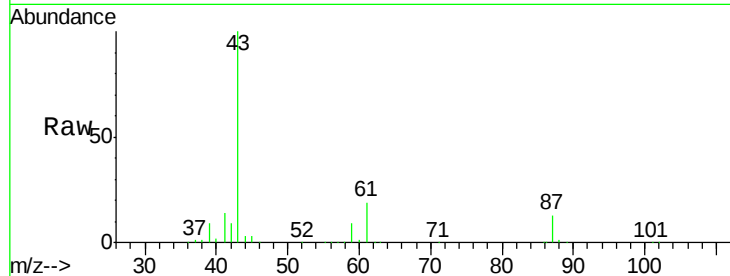
Isopropyl Acetate
 Concen: 46.34 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.6
87	12.9	10.3	15.5

Manual Integrations
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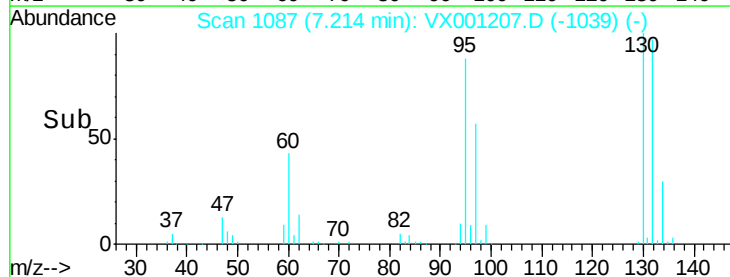
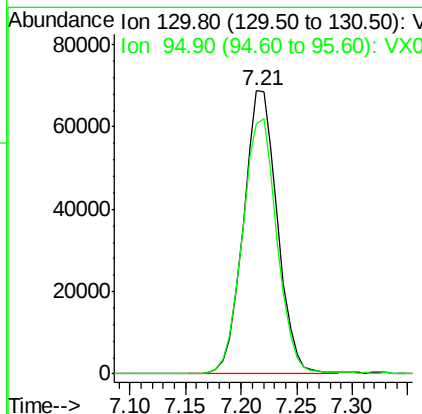
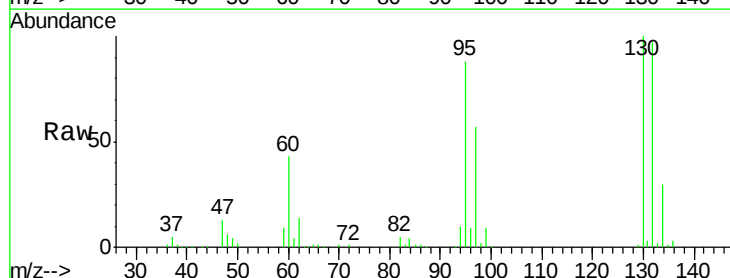
apatel
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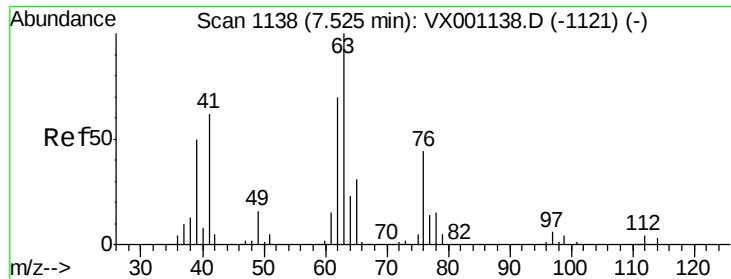


#44

Trichloroethene
 Concen: 53.66 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	189.6





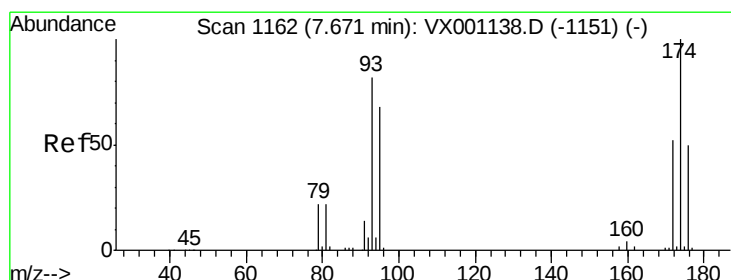
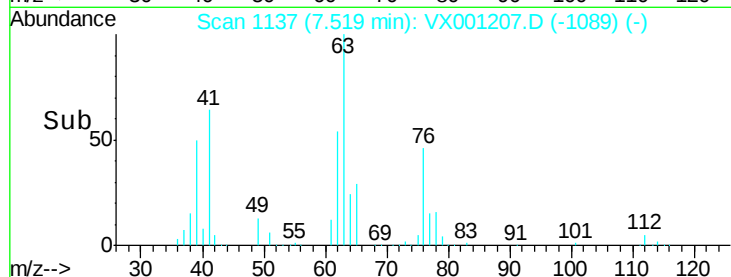
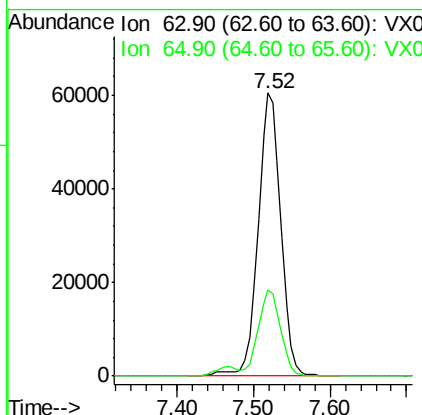
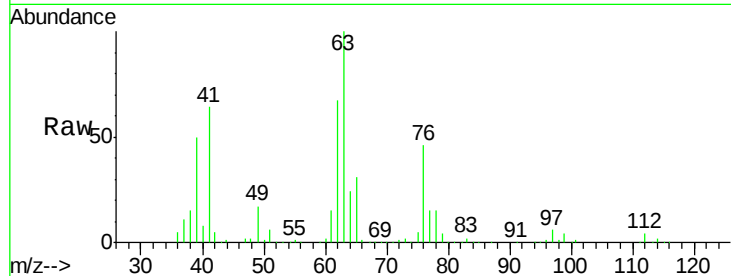
#45
 1,2-Dichloropropane
 Concen: 52.24 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3

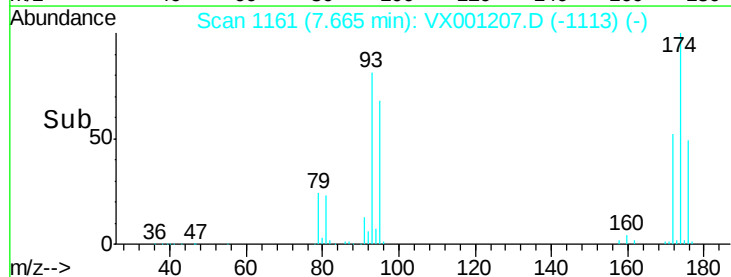
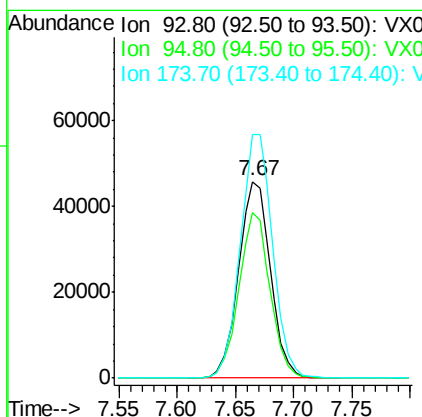
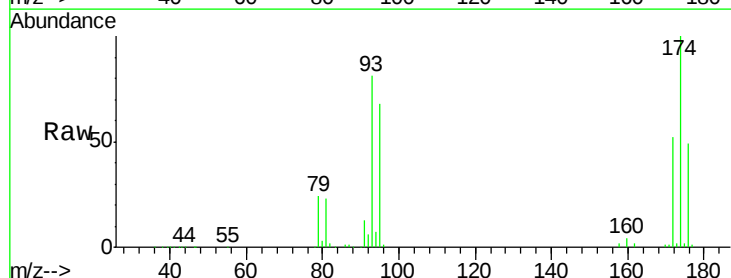
Manual Integrations
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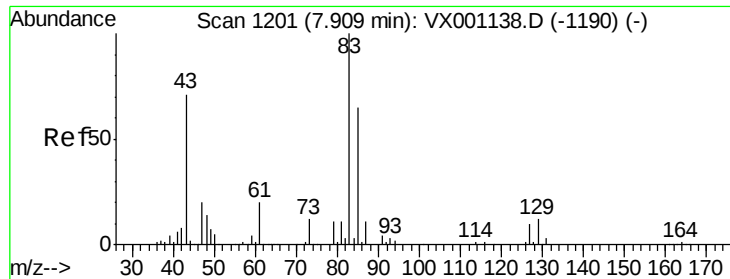
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#46
 Dibromomethane
 Concen: 52.70 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.4	99.6
174	125.4	99.6	149.4





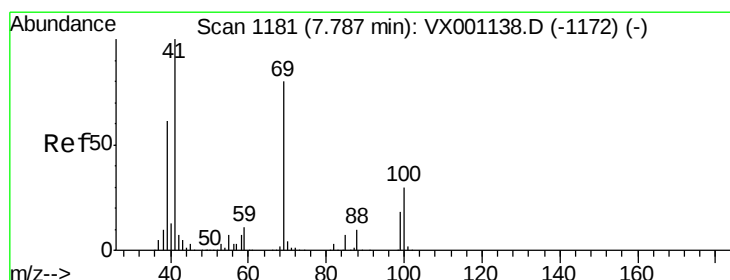
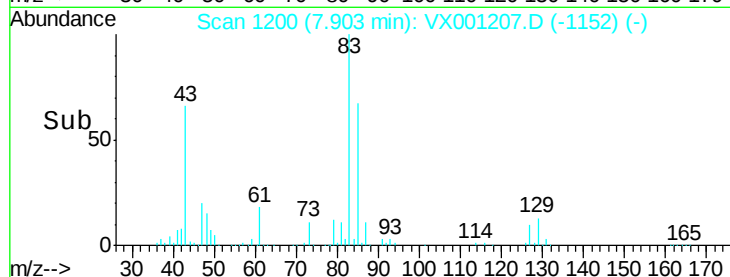
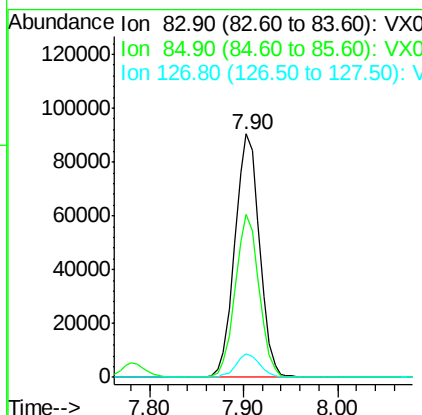
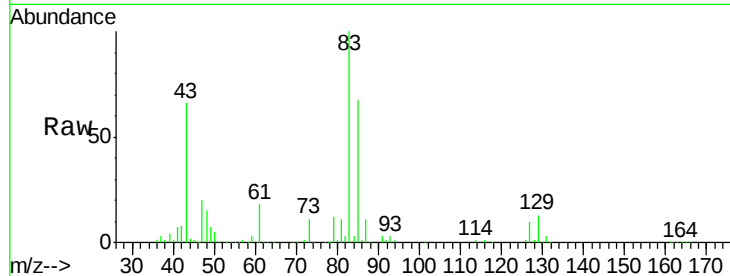
#47
Bromodichloromethane
Concen: 54.09 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	163252		
85	67.1	51.9	77.9	
127	9.8	7.7	11.5	

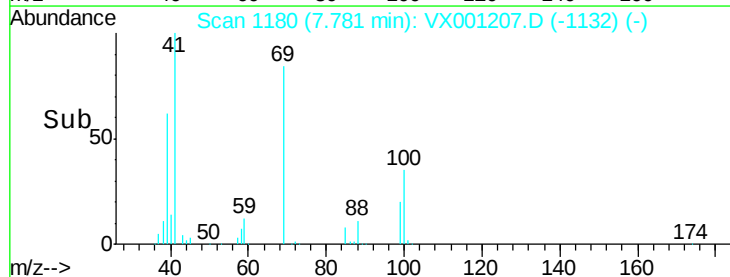
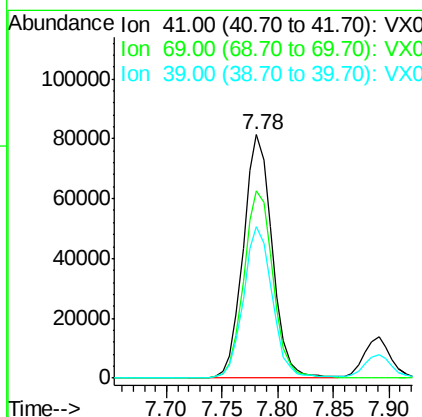
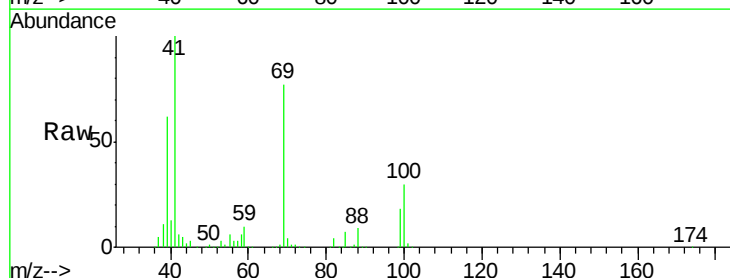
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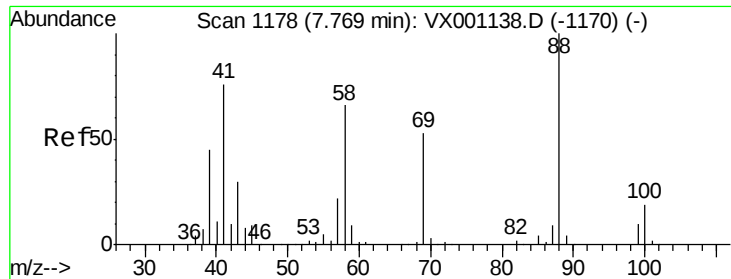
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#48
Methyl methacrylate
Concen: 46.48 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	146482		
69	78.5	62.4	93.6	
39	61.8	48.7	73.1	





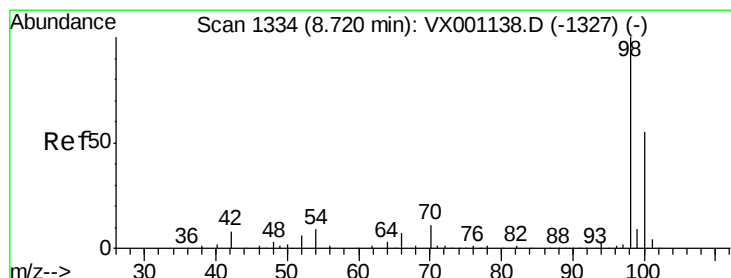
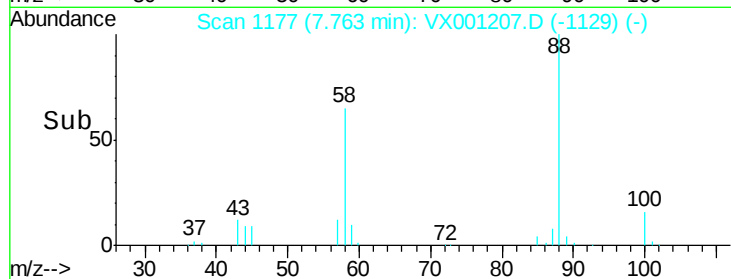
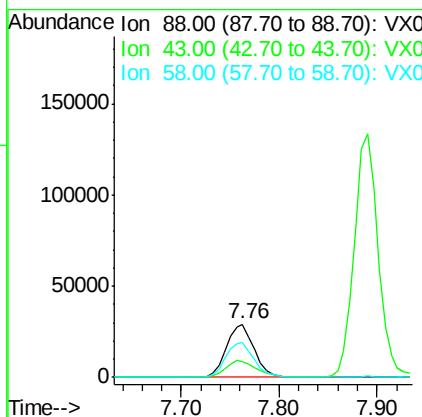
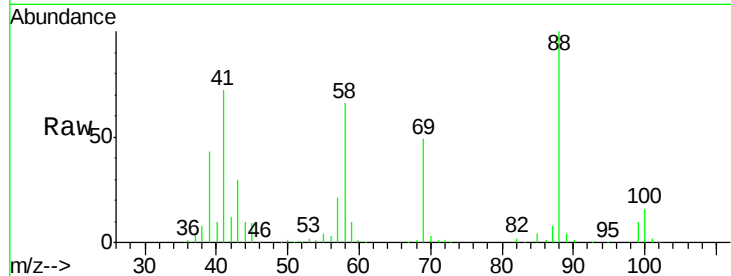
#49
 1,4-Dioxane
 Concen: 890.56 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.3	40.9
58	68.0	54.2	81.4

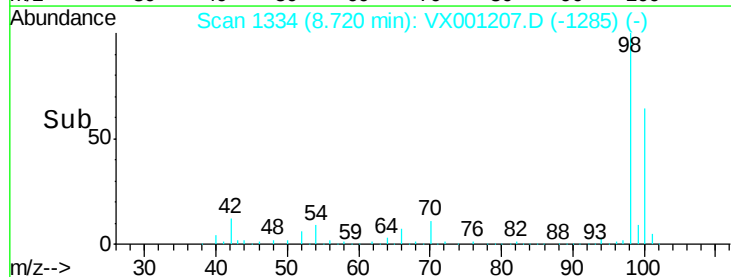
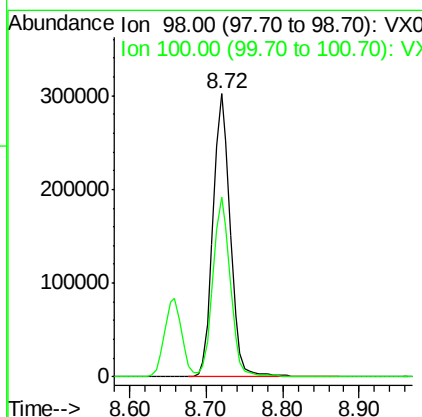
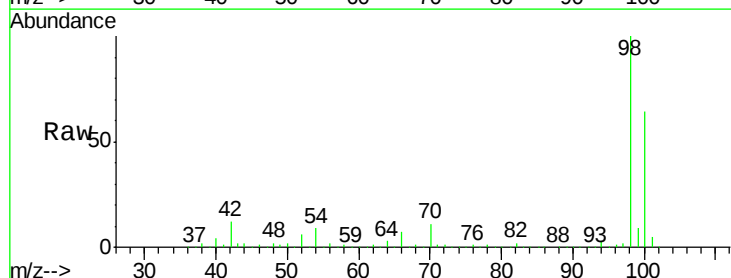
Manual Integrations
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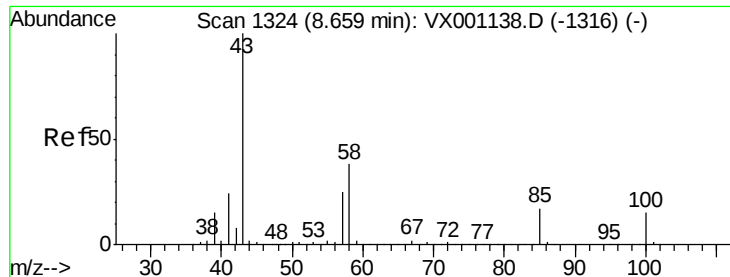
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#50
 Toluene-d8
 Concen: 53.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 227.52 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 886212

Ion Ratio Lower Upper

43 100

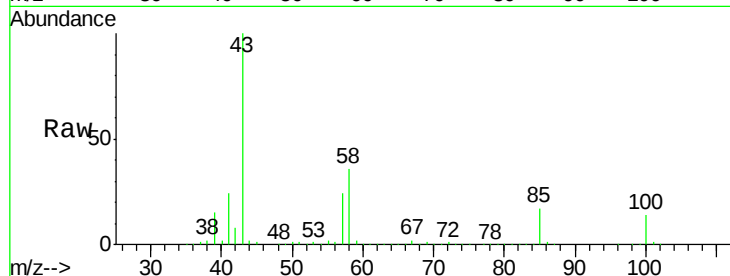
58 36.6 30.2 45.2

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

8.65

600000

500000

400000

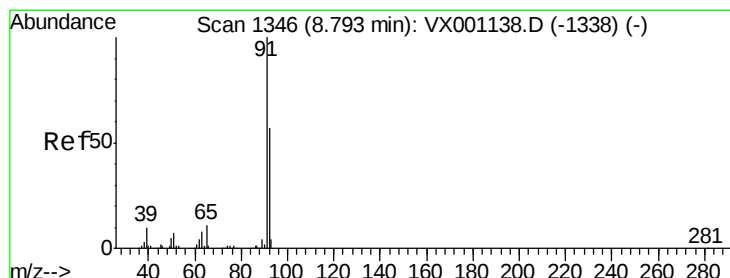
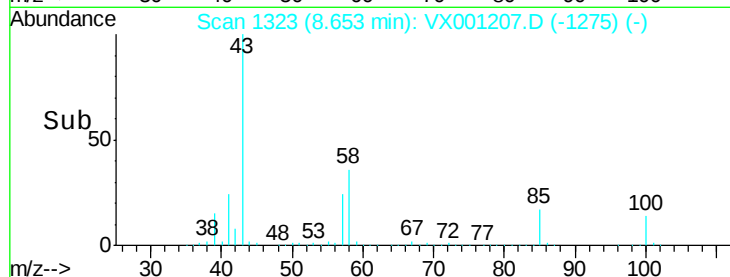
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.34 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001207.D

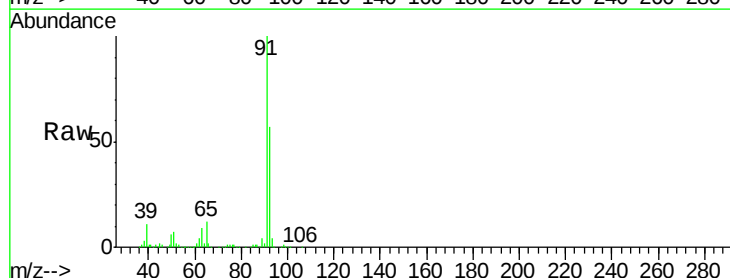
Acq: 28 Apr 2018 11:50

Tgt Ion: 92 Resp: 324112

Ion Ratio Lower Upper

92 100

91 174.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

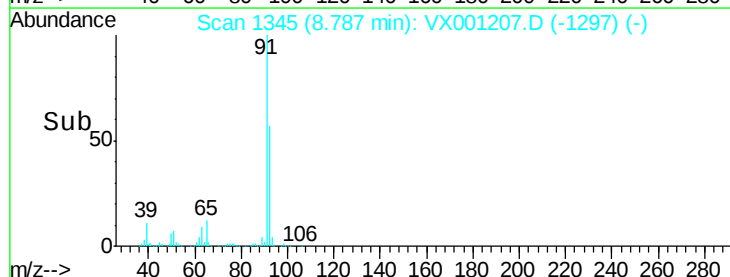
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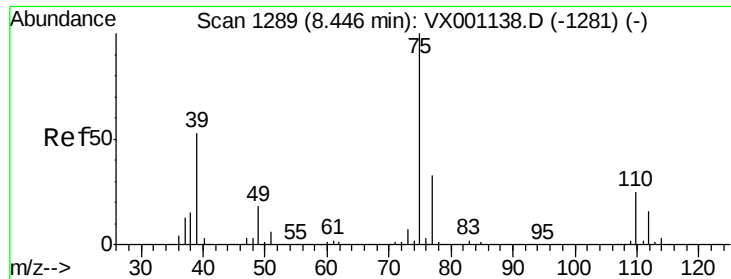
200000

100000

0

Time-->





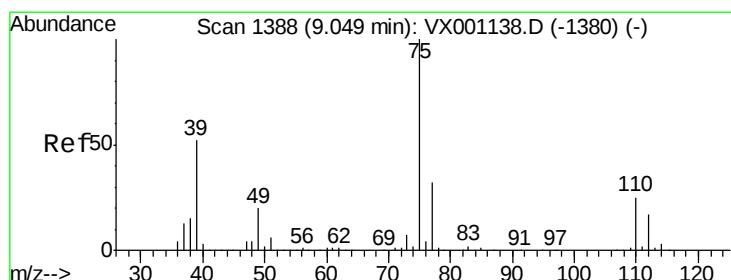
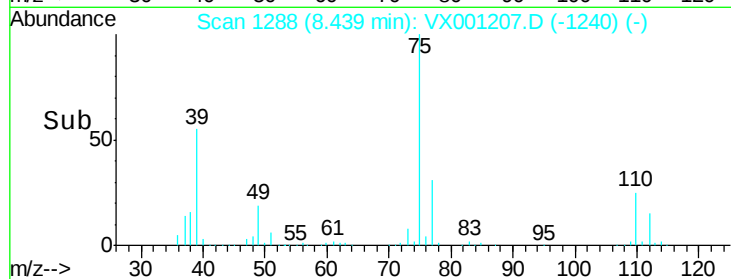
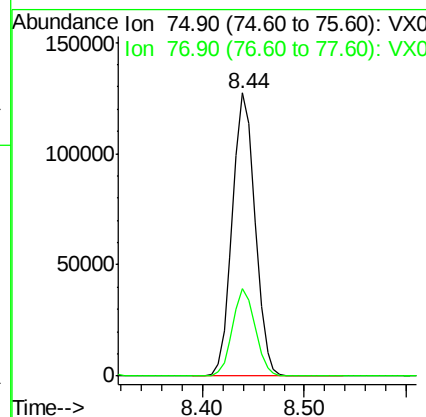
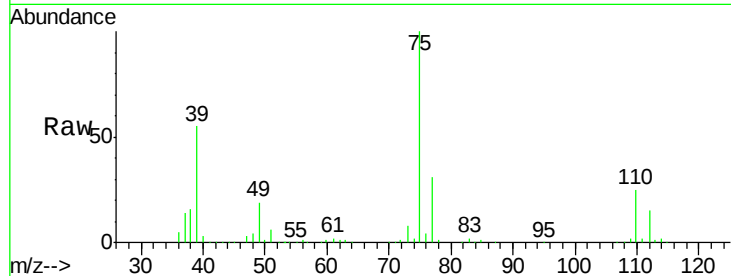
#53
t-1,3-Dichloropropene
Concen: 55.90 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 196142
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4

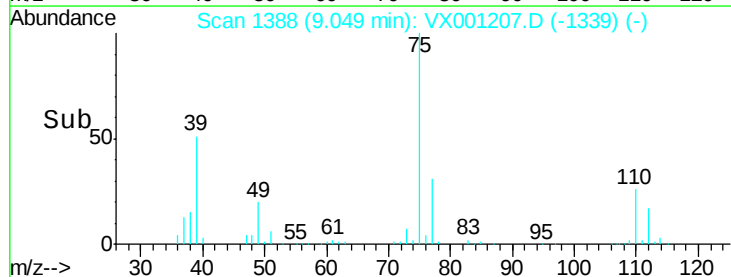
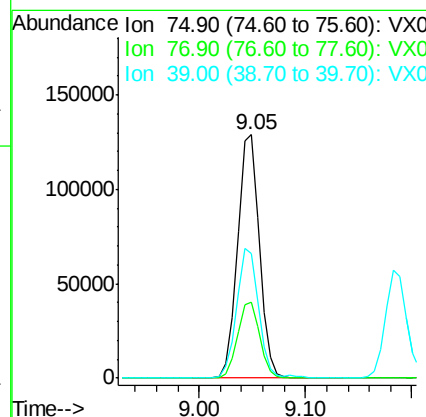
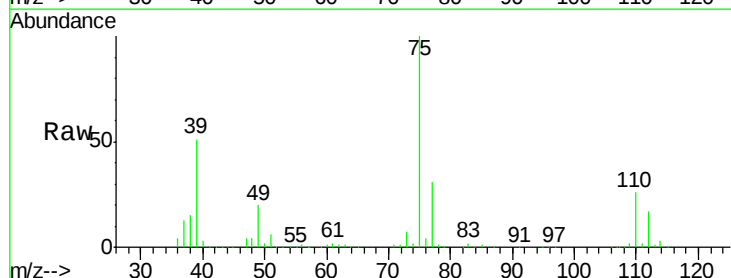
Manual Integrations
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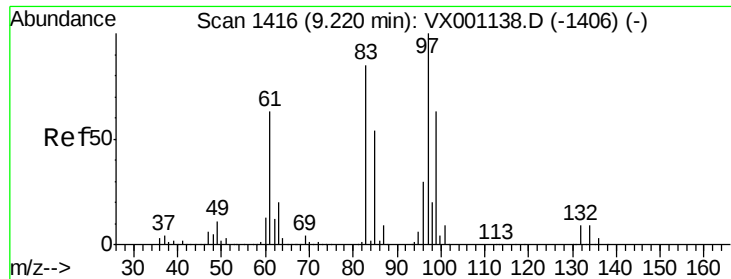
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#54
cis-1,3-Dichloropropene
Concen: 48.97 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 75 Resp: 186271
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 51.0 42.0 63.0





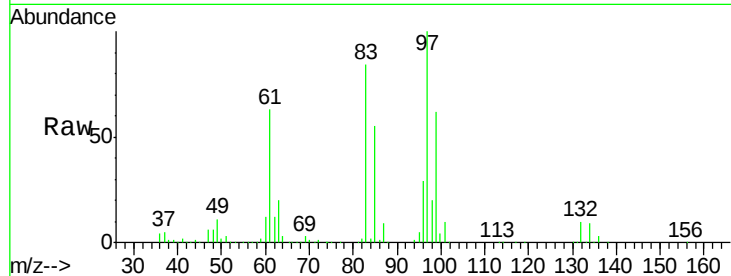
#55
 1,1,2-Trichloroethane
 Concen: 50.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

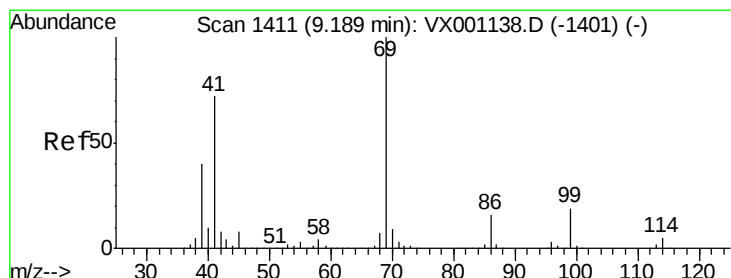
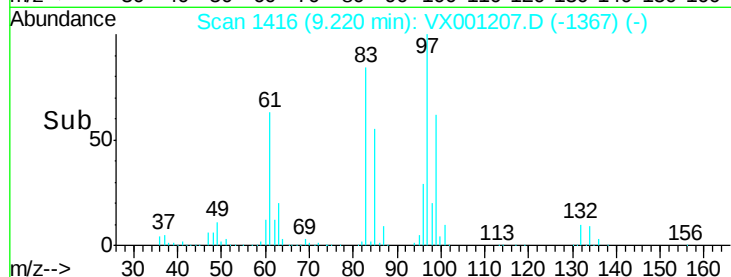
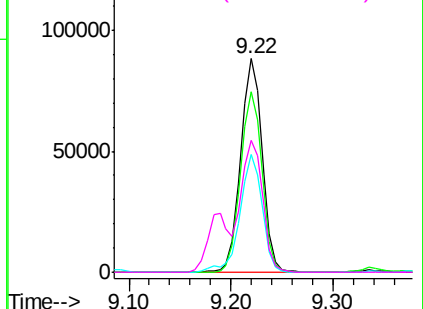
Tot Ion:	97	Resp:	128345
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.0	102.0
85	55.4	42.9	64.3
99	61.6	50.3	75.5

Manual Integrations
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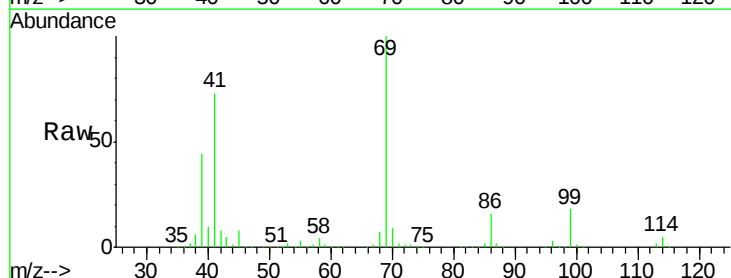


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

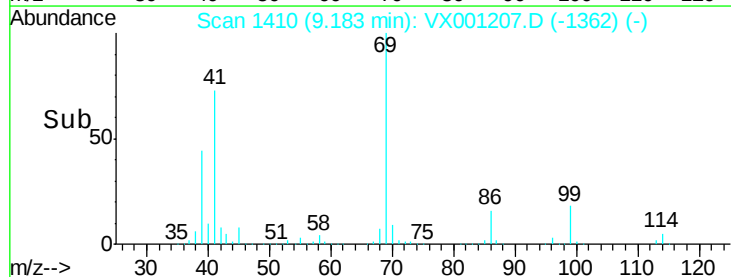
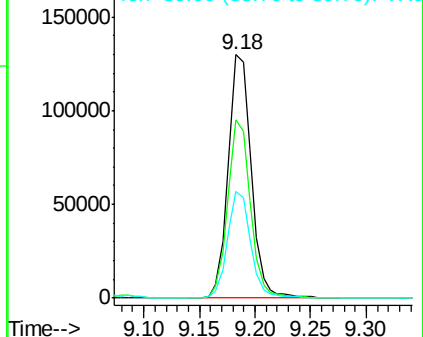


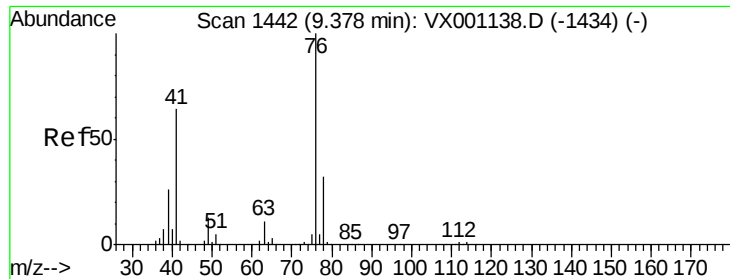
#56
 Ethyl methacrylate
 Concen: 50.09 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion:	69	Resp:	187253
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.7	86.5
39	43.5	33.3	49.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





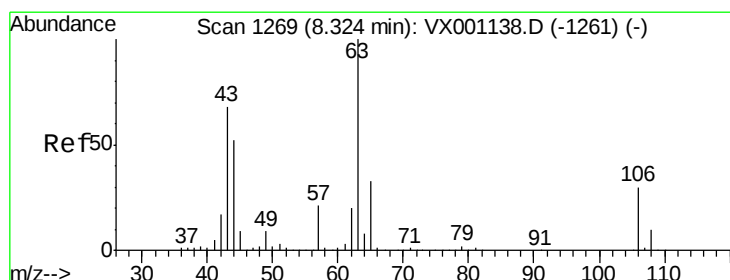
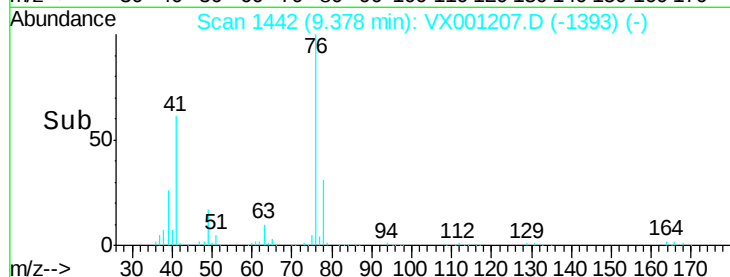
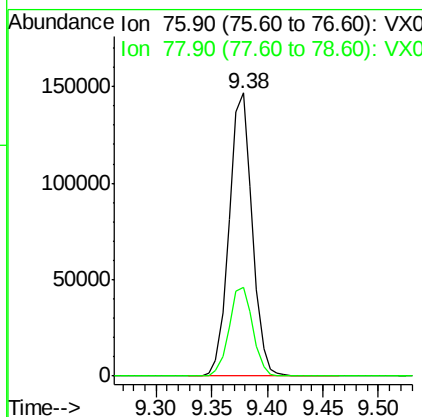
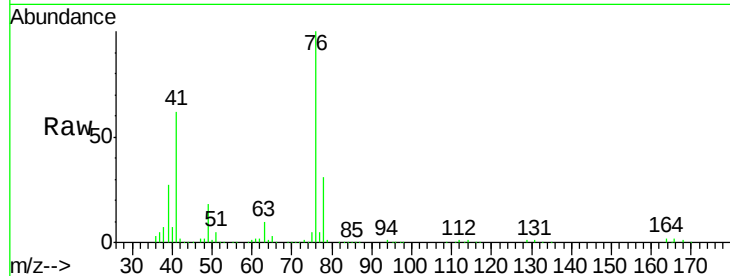
#57
 1,3-Dichloropropane
 Concen: 51.23 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

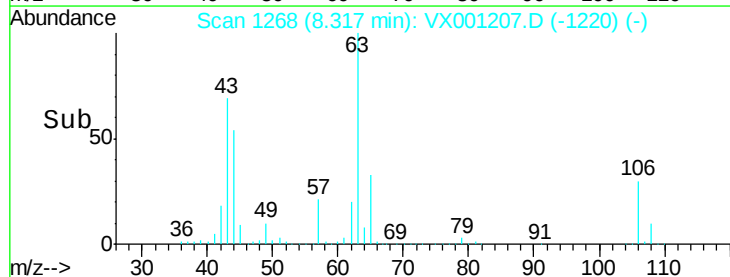
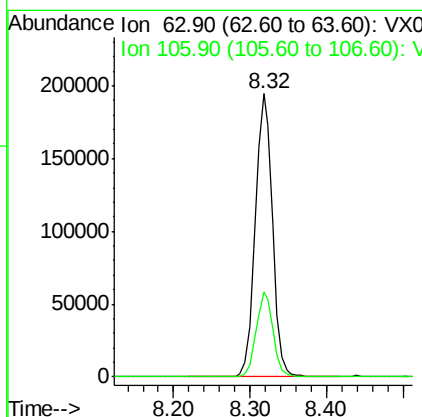
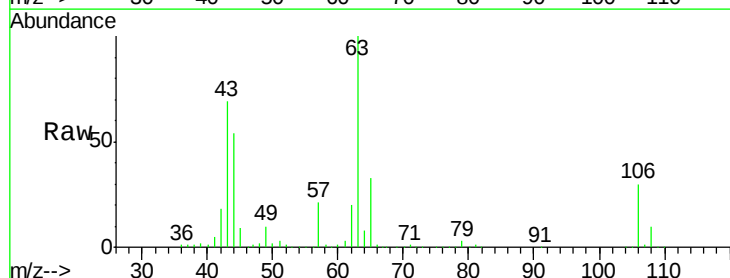
Manual Integrations
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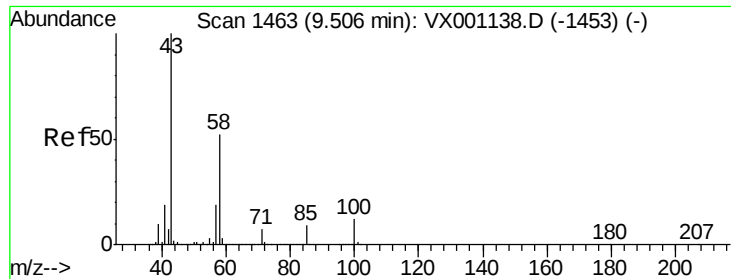
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#58
 2-Chloroethyl Vinyl ether
 Concen: 172.68 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.7	35.5





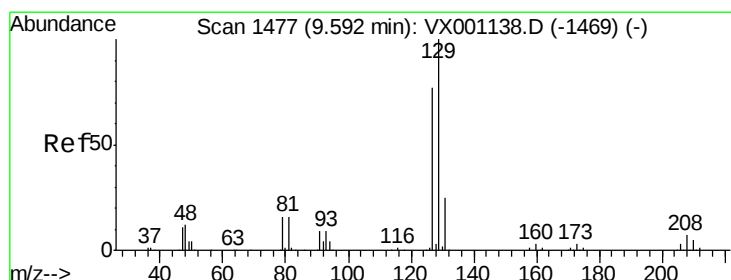
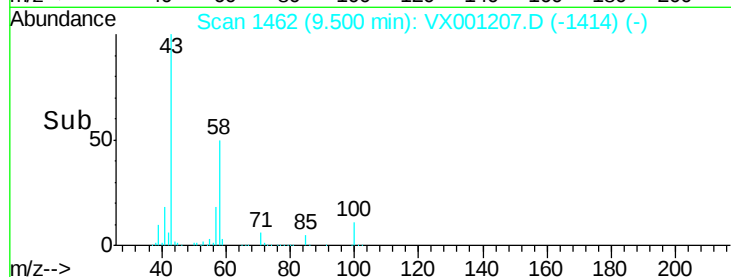
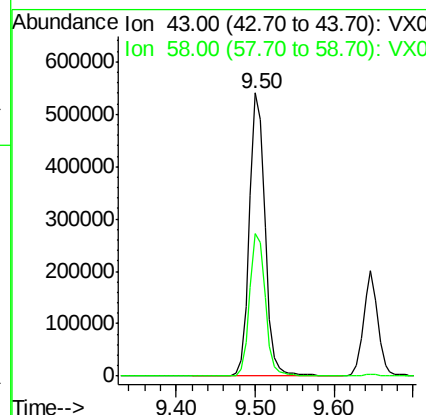
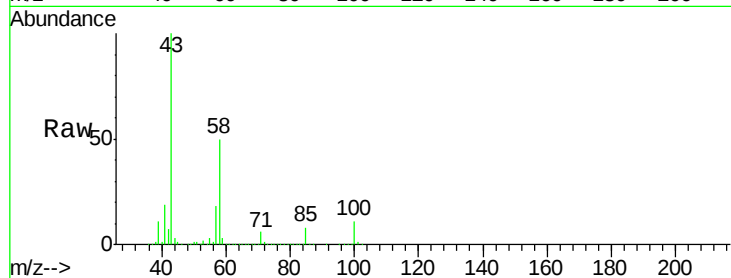
#59
2-Hexanone
Concen: 242.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 741223
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4

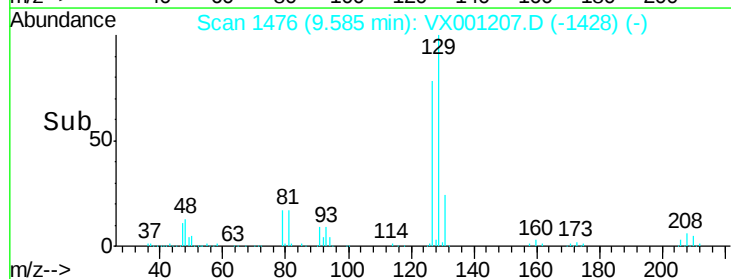
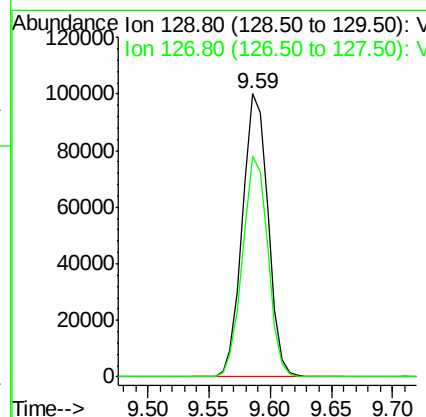
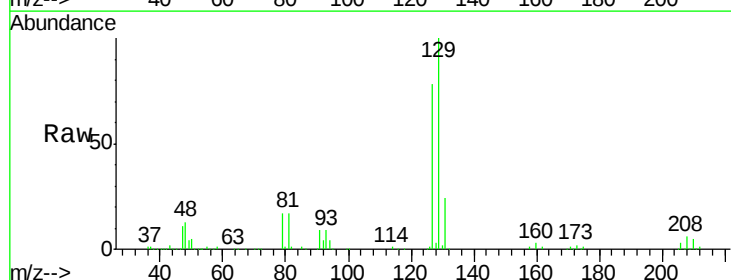
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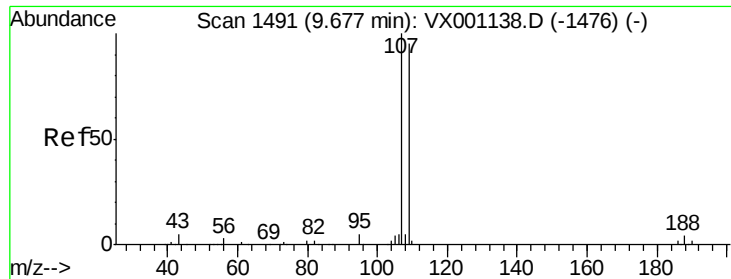
apatel
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#60
Dibromochloromethane
Concen: 49.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 129 Resp: 144829
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 138976

Ion Ratio Lower Upper

107 100

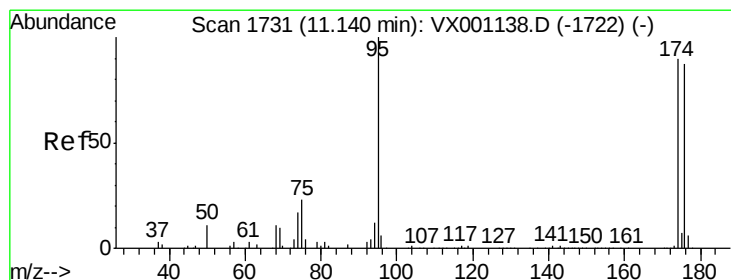
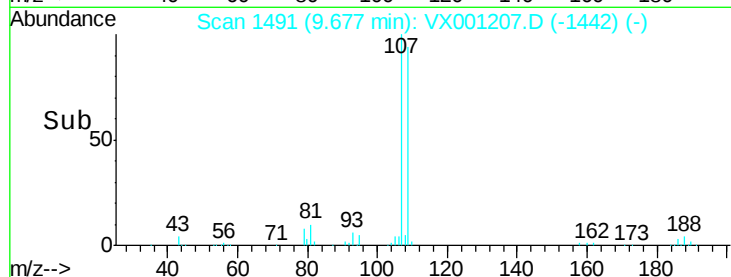
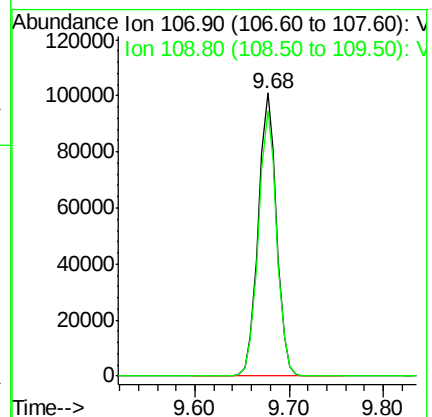
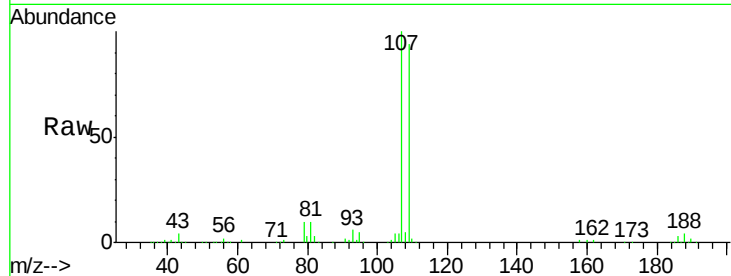
109 94.4 75.2 112.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 54.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

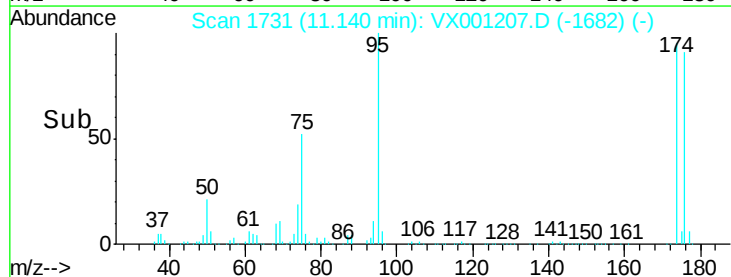
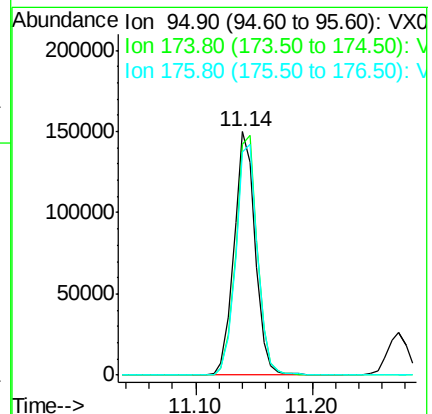
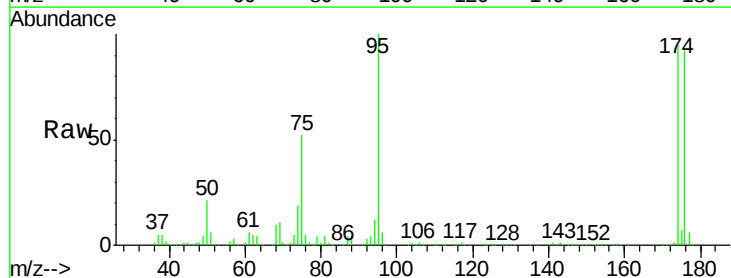
Tgt Ion: 95 Resp: 189217

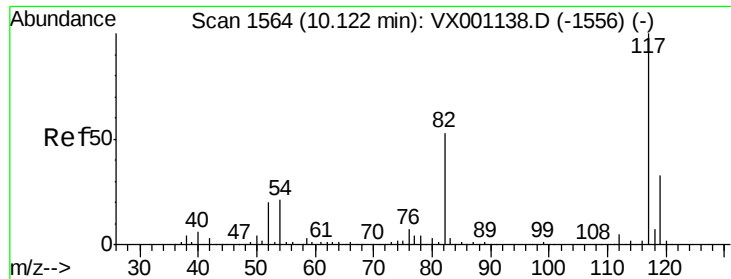
Ion Ratio Lower Upper

95 100

174 100.5 0.0 194.4

176 97.7 0.0 190.2





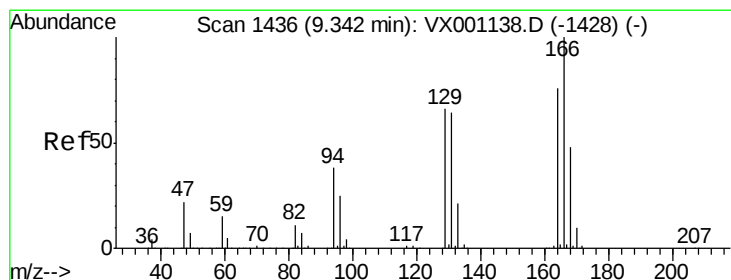
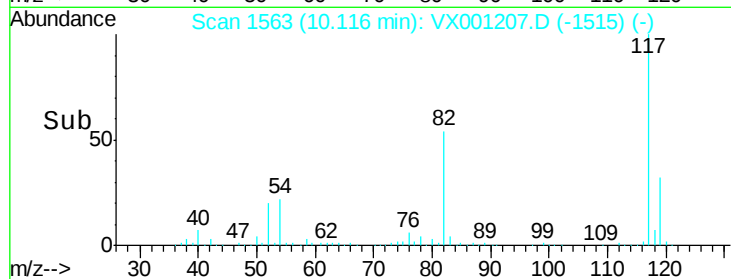
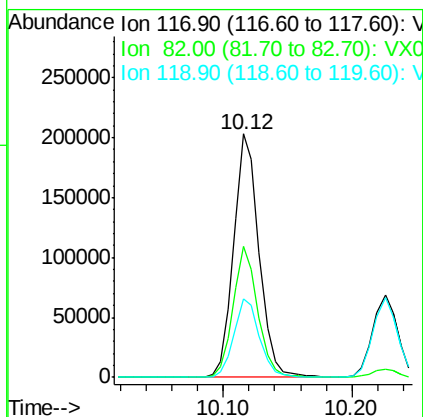
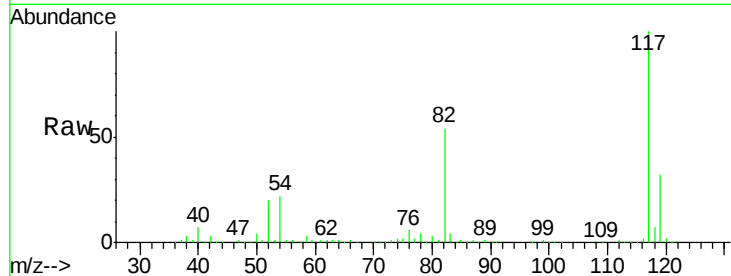
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.1	63.1
119	32.0	26.1	39.1

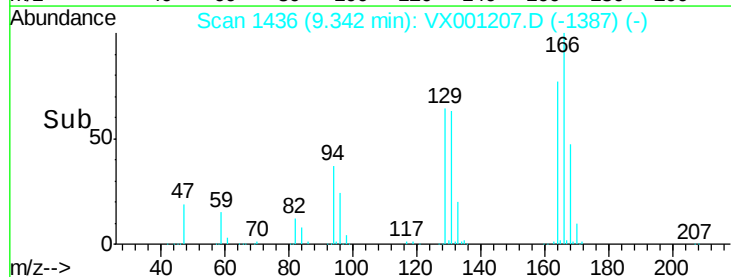
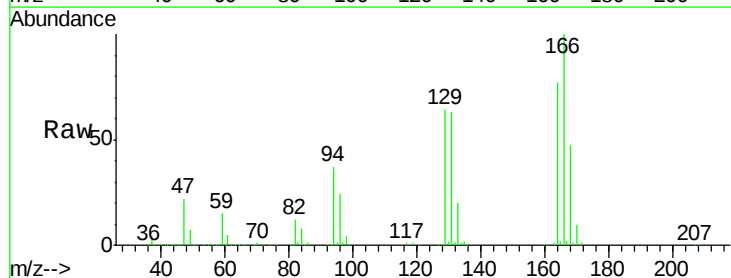
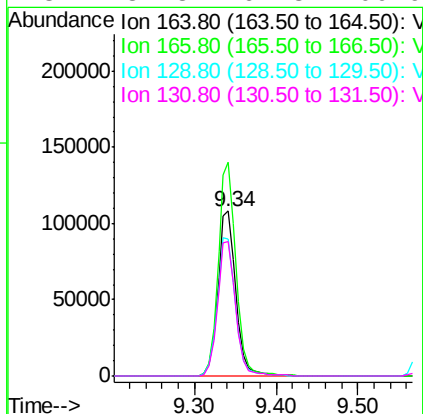
Manual Integrations
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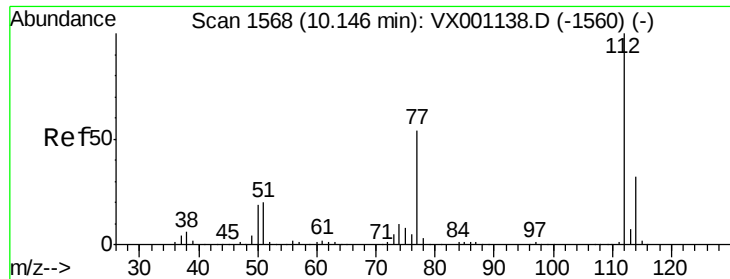
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#64
Tetrachloroethene
Concen: 55.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	105.0	157.6
129	83.5	69.4	104.2
131	81.8	67.3	100.9





#65

Chlorobenzene

Concen: 52.85 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 386732

Ion Ratio Lower Upper

112 100

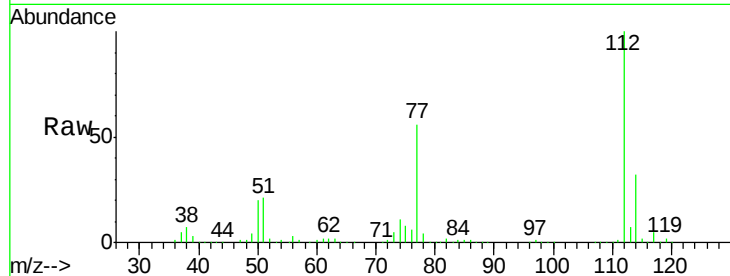
114 32.4 25.7 38.5

Manual Integrations

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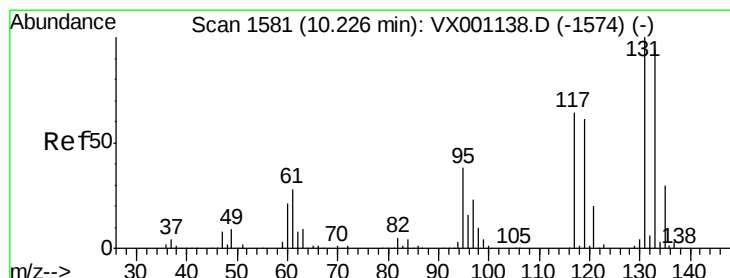
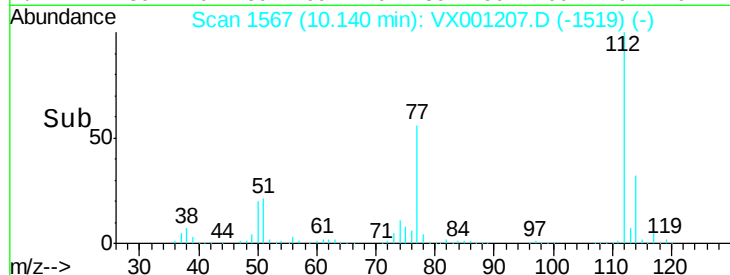
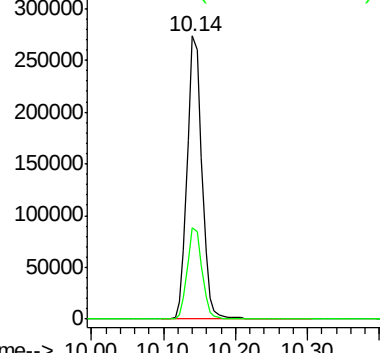
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.47 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

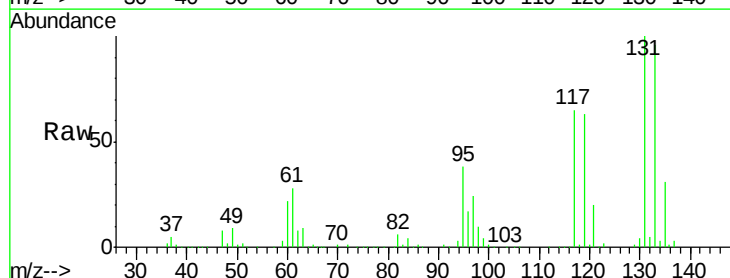
Tgt Ion:131 Resp: 140442

Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.4

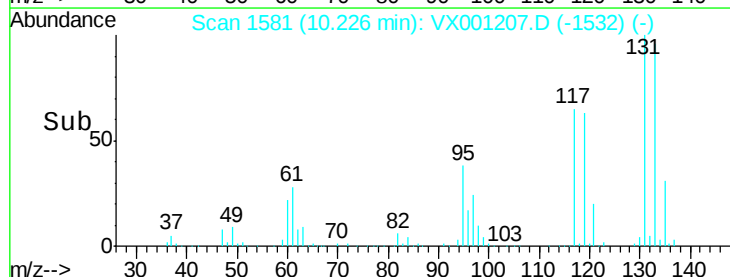
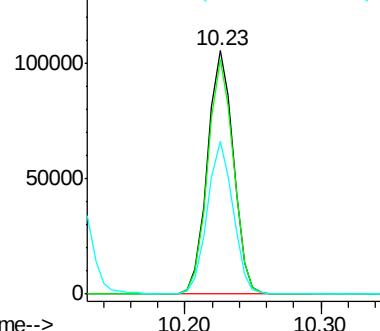
119 62.3 31.3 93.8

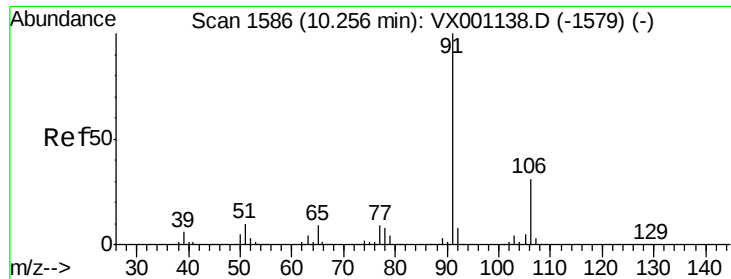


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





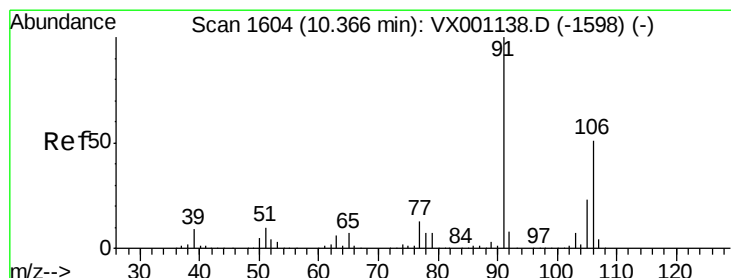
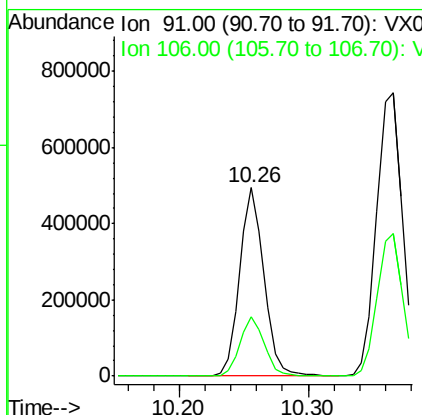
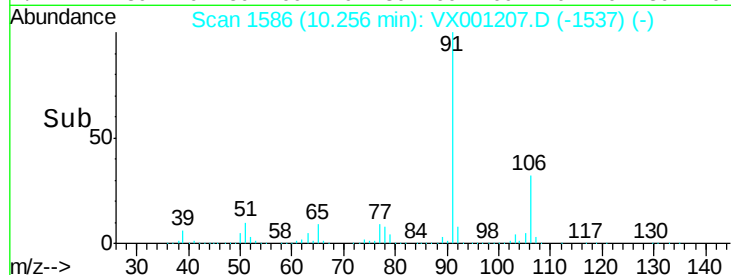
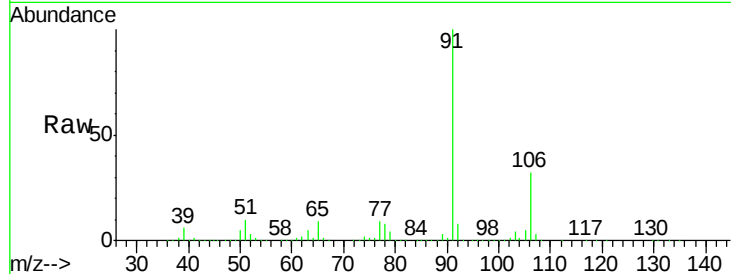
#67
Ethyl Benzene
Concen: 54.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 648292
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2

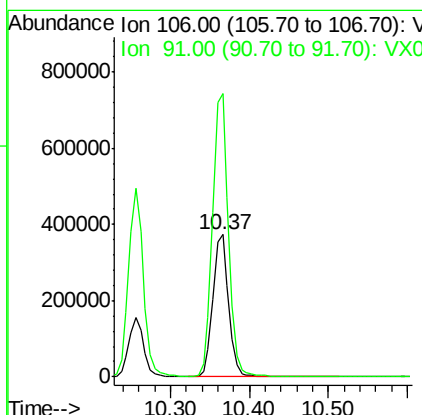
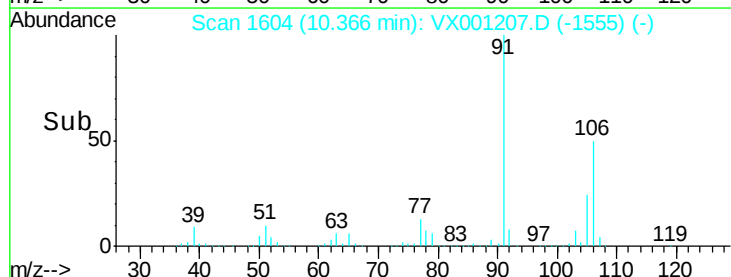
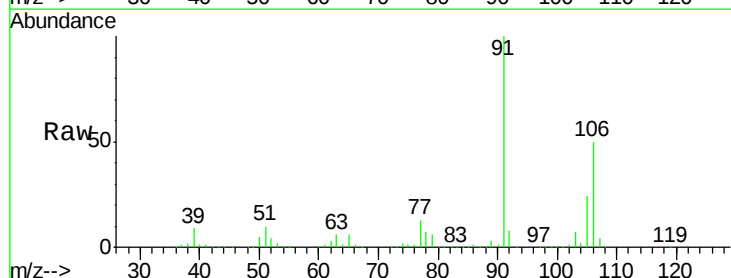
Manual Integrations
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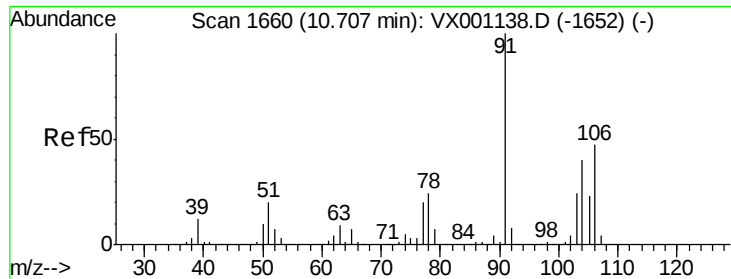
apatel
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#68
m/p-Xylenes
Concen: 110.74 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion: 106 Resp: 520498
Ion Ratio Lower Upper
106 100
91 201.2 160.9 241.3





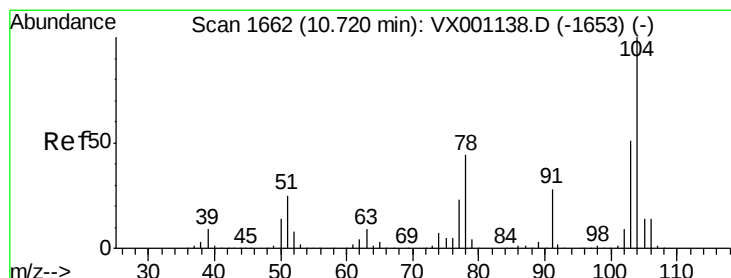
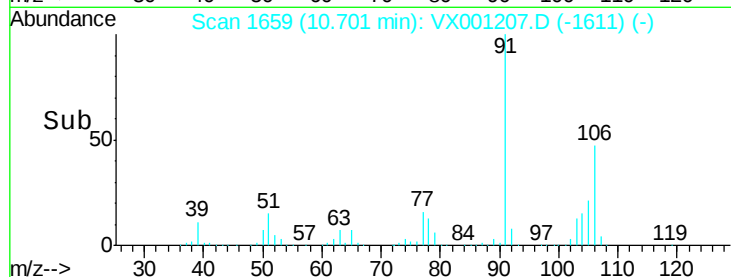
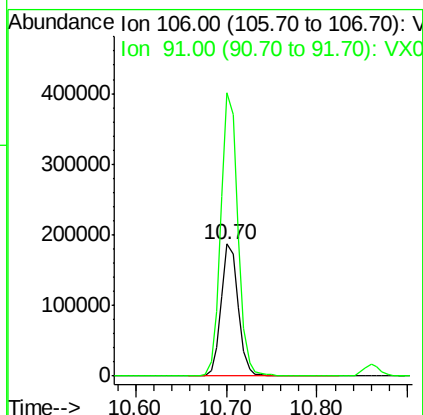
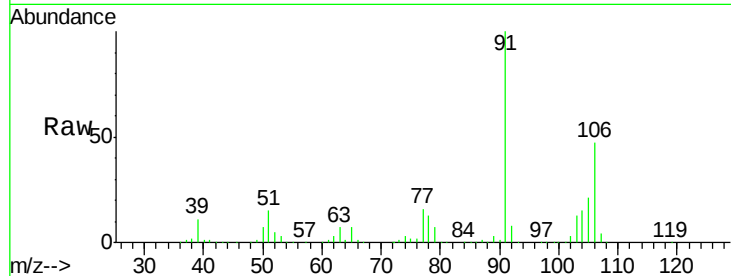
#69
o-Xylene
Concen: 54.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 247124
Ion Ratio Lower Upper
106 100
91 213.8 106.2 318.5

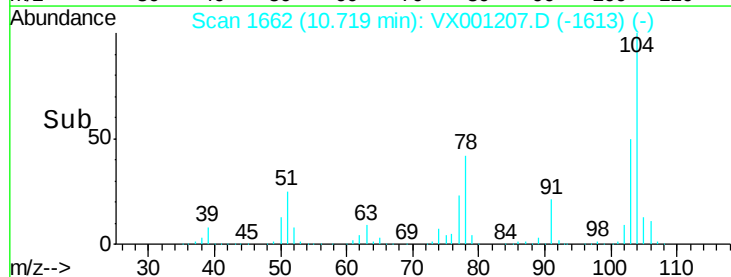
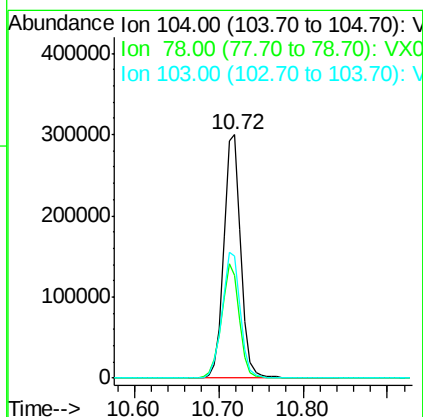
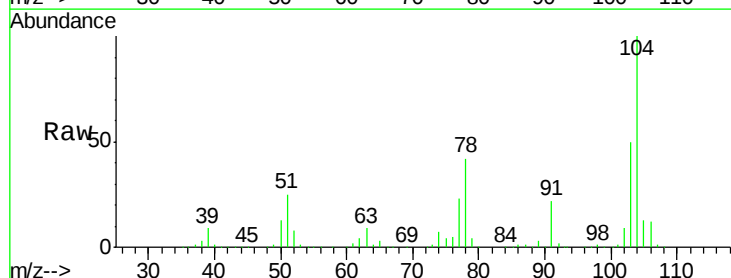
Manual Integrations
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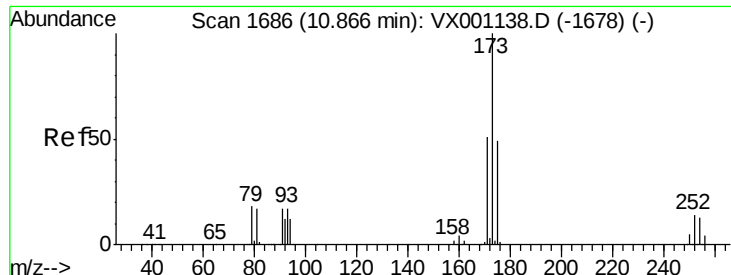
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#70
Styrene
Concen: 55.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion:104 Resp: 417509
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.8 44.3 66.5





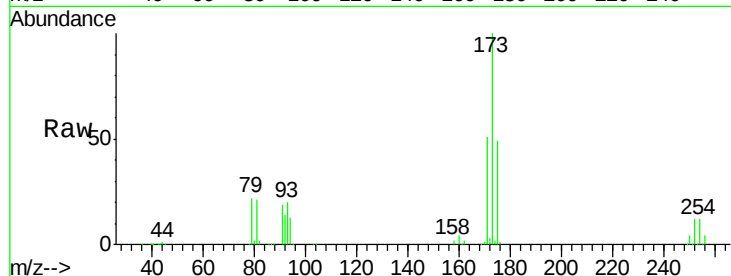
#71
Bromoform
Concen: 44.80 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

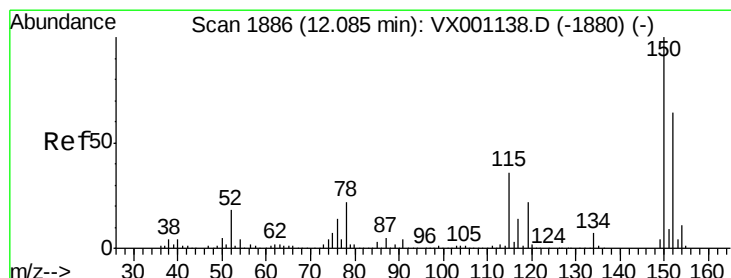
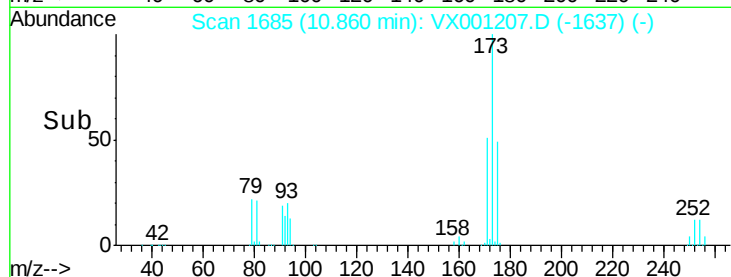
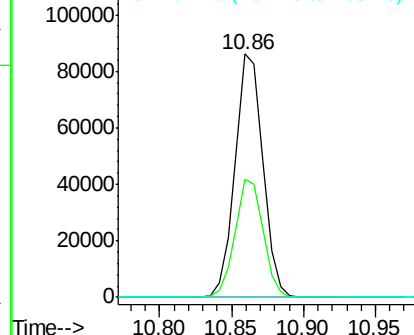
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.8
254	0.2	0.2	0.2

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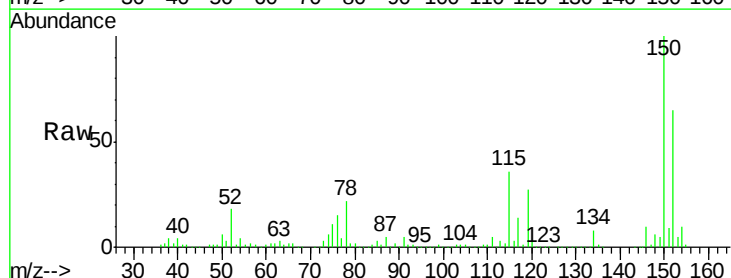


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

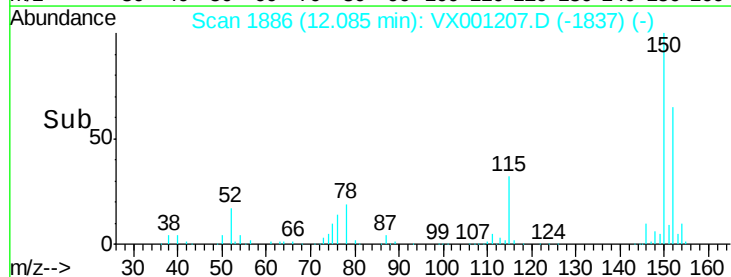
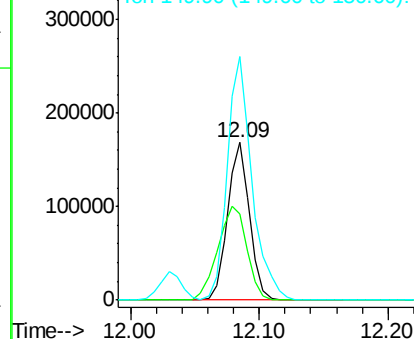


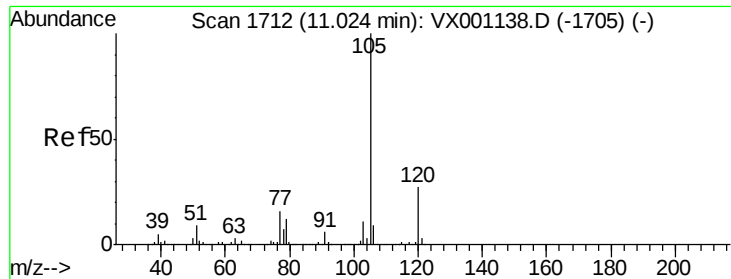
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	38.0	114.0
150	174.0	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: 51.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 676153

Ion Ratio Lower Upper

105 100

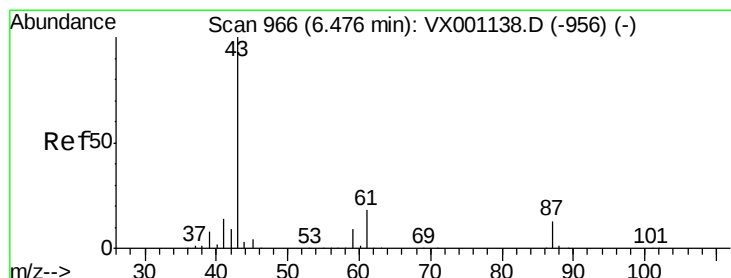
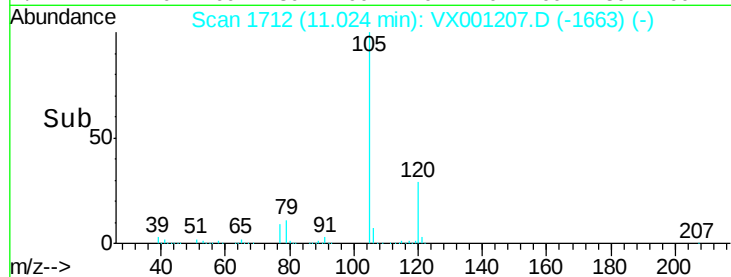
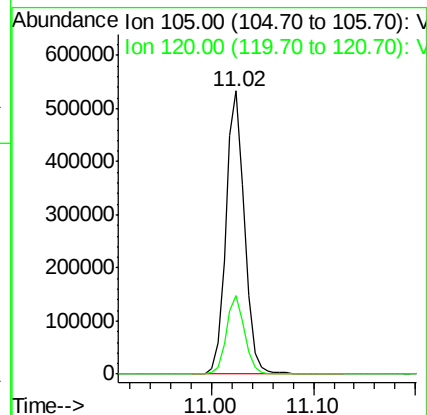
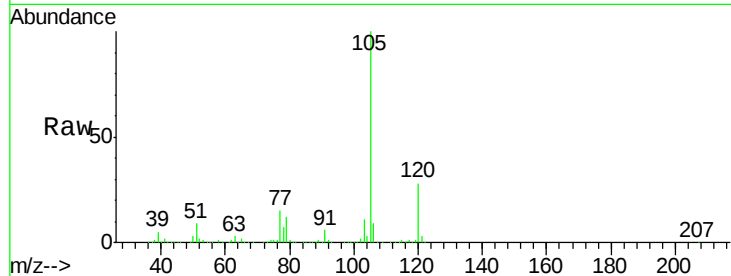
120 27.2 13.6 40.8

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#74

N-ethyl acetate

Concen: 41.42 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion: 43 Resp: 274802

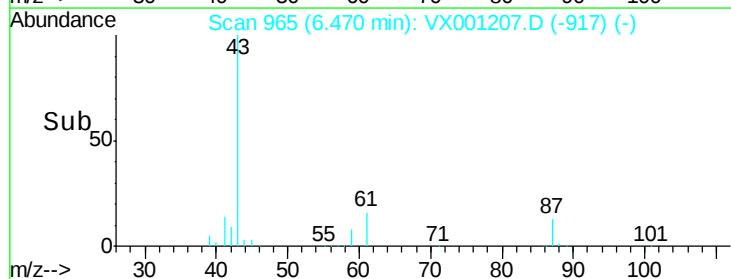
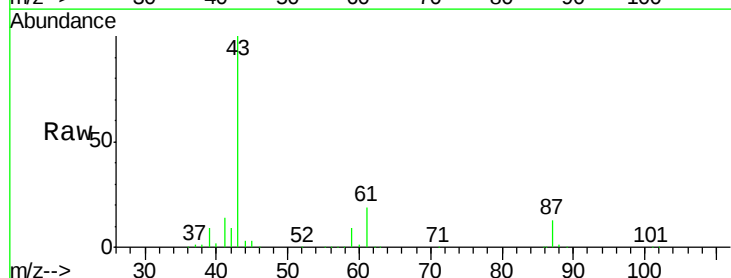
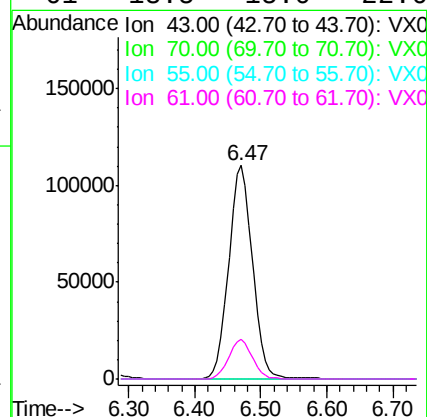
Ion Ratio Lower Upper

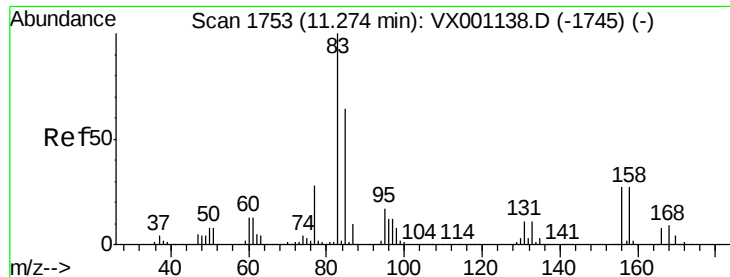
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

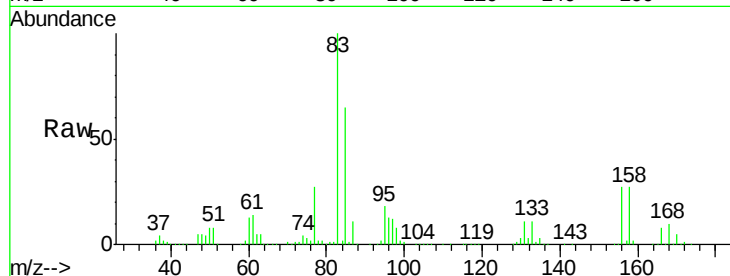
ClientSampleId :

VSTDCCC050

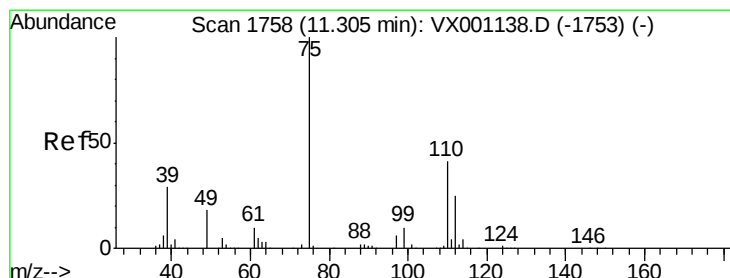
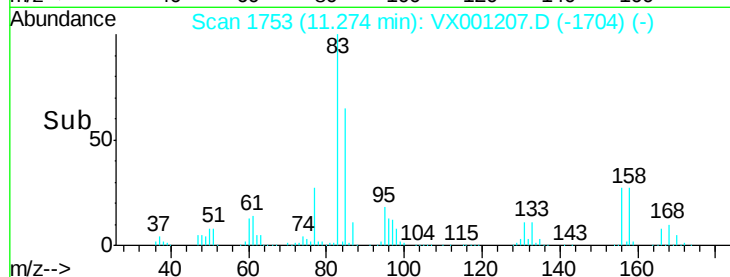
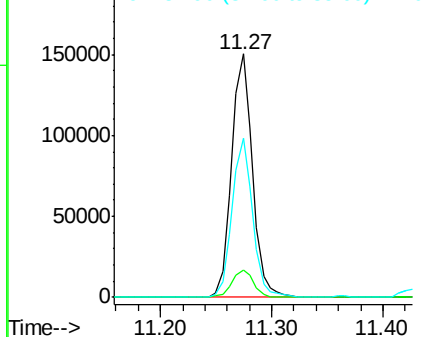
Tot Ion:	83	Resp:	194274
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.5	32.1	96.3

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



#76

1,2,3-Trichloropropane

Concen: 38.89 ug/l m

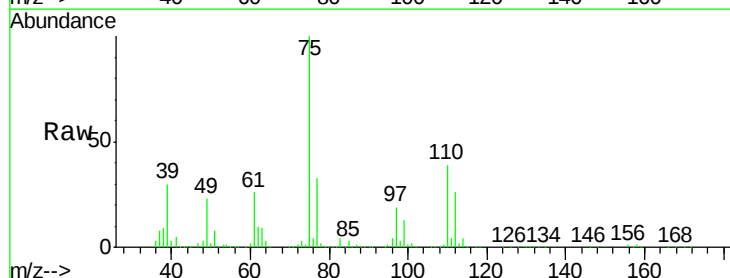
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

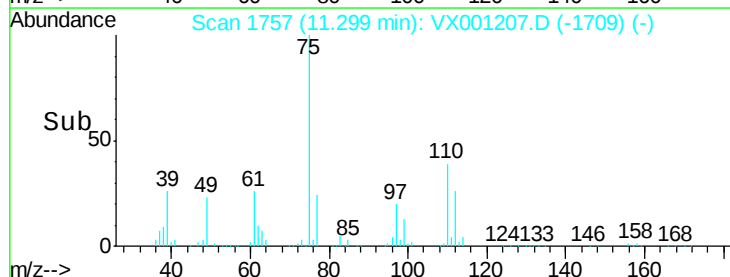
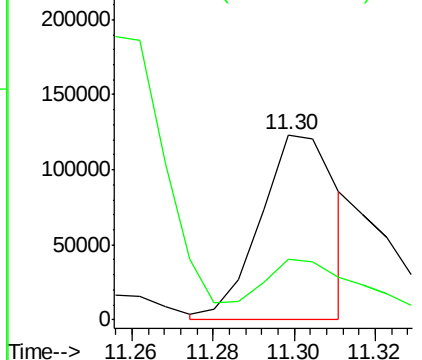
Lab File: VX001207.D

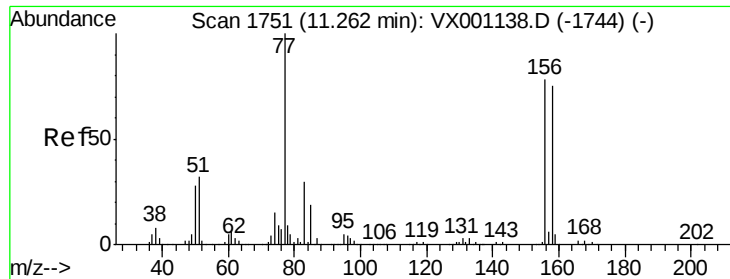
Acq: 28 Apr 2018 11:50

Tgt Ion:	75	Resp:	159967
Ion Ratio	Lower	Upper	
75	100		
77	42.8	18.9	56.9



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





#77

Bromobenzene

Concen: 49.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

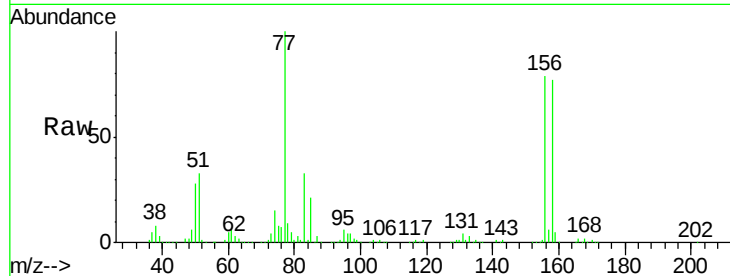
ClientSampleId :

VSTDCCC050

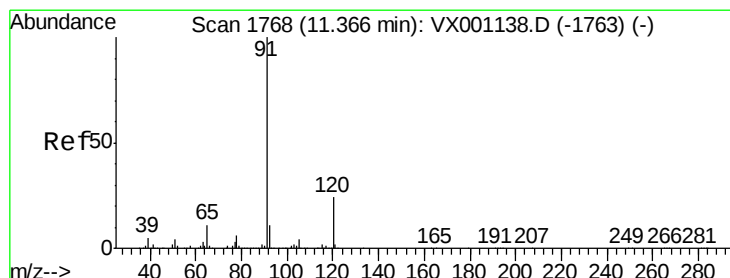
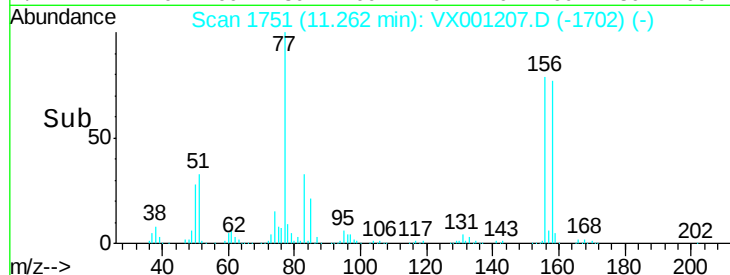
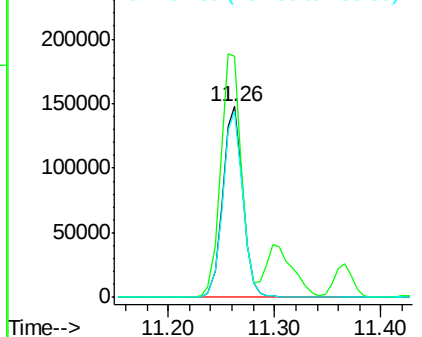
Tot Ion:	156	Resp:	194763
Ion Ratio	Lower	Upper	
156	100		
77	130.7	67.8	203.2
158	97.4	48.9	146.7

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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: 53.20 ug/l

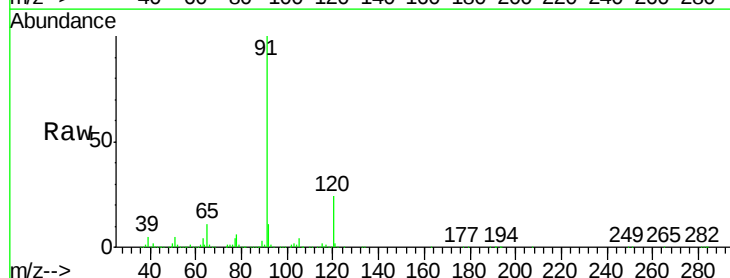
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

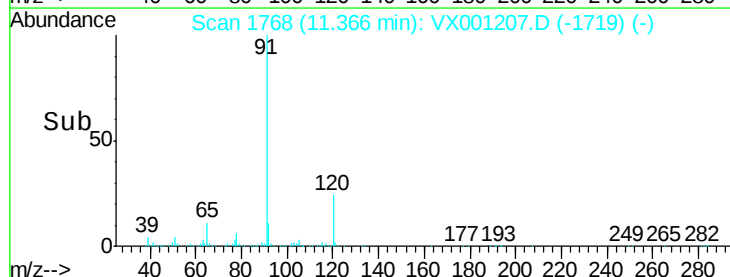
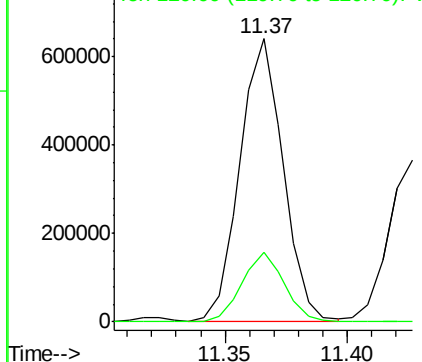
Lab File: VX001207.D

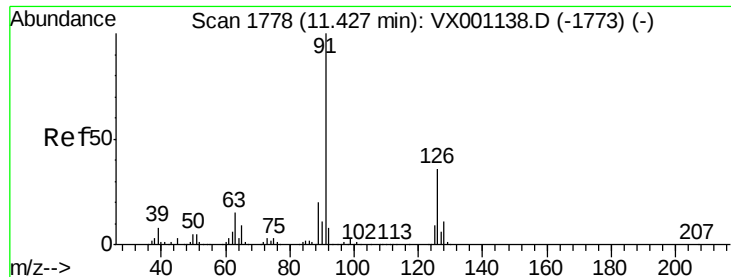
Acq: 28 Apr 2018 11:50

Tgt Ion:	91	Resp:	781126
Ion Ratio	Lower	Upper	
91	100		
120	24.4	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: 50.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 458817

Ion Ratio Lower Upper

91 100

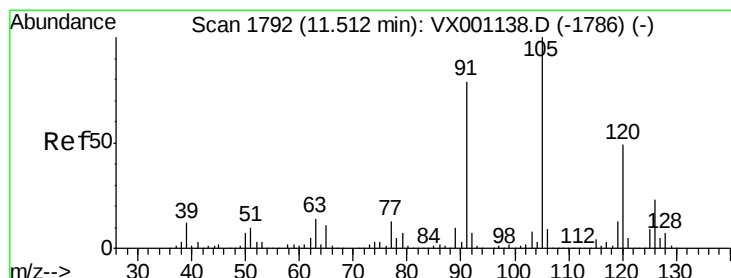
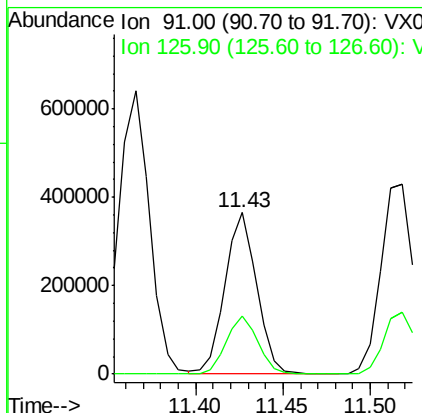
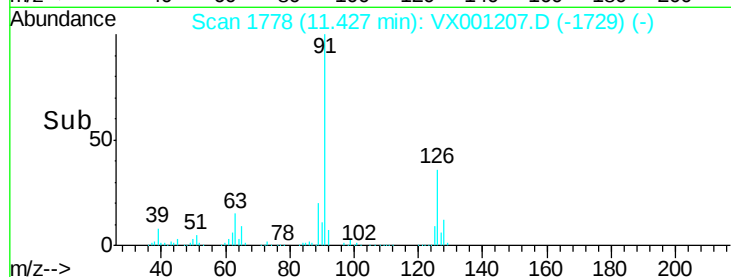
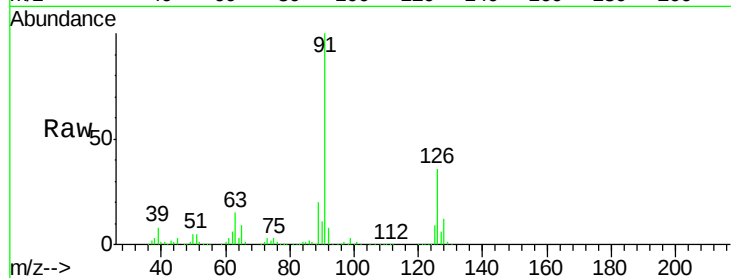
126 36.3 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 52.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001207.D

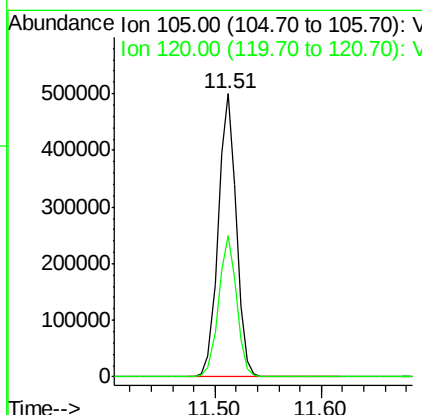
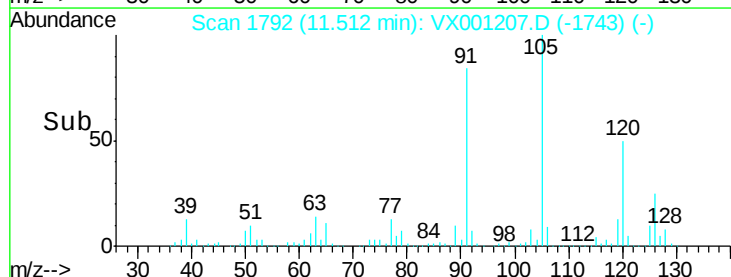
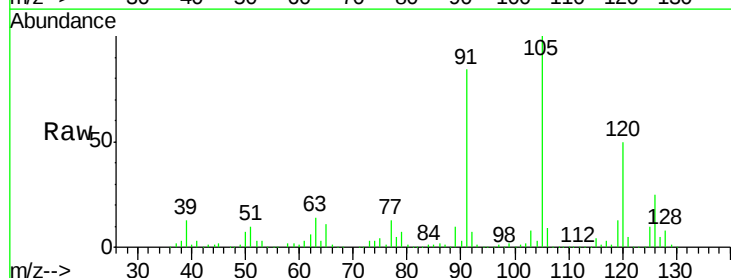
Acq: 28 Apr 2018 11:50

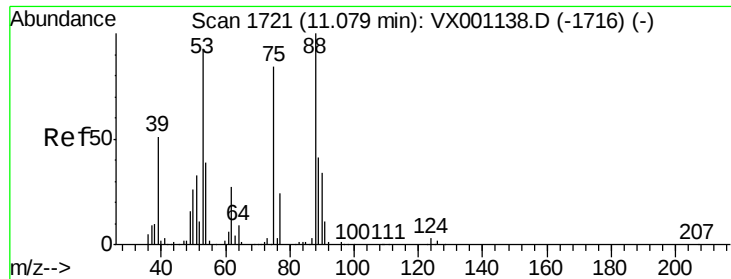
Tgt Ion: 105 Resp: 587089

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





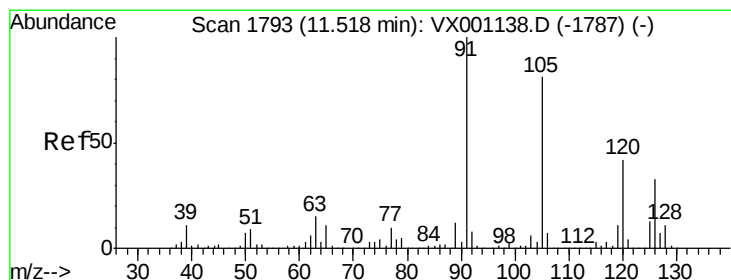
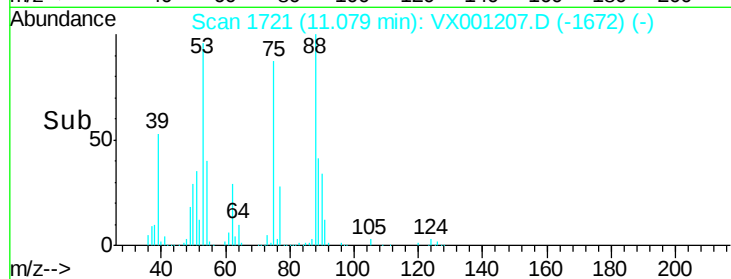
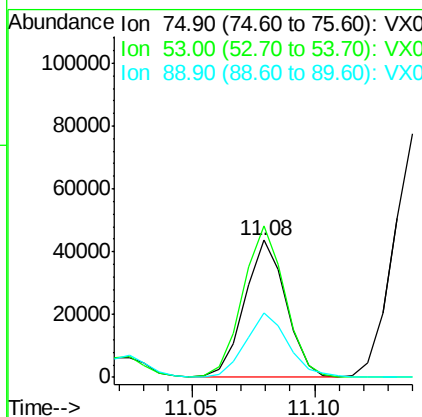
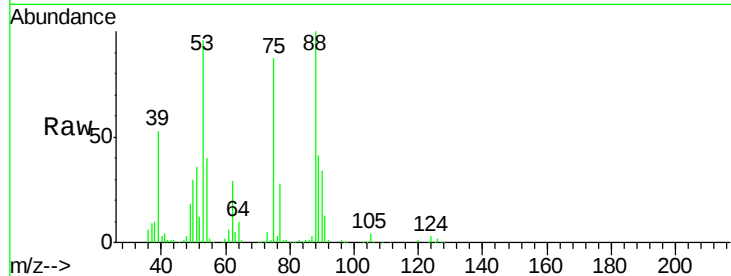
#81
trans-1,4-Dichloro-2-butene
Concen: 40.34 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.7	87.9	131.9
89	49.9	37.7	56.5

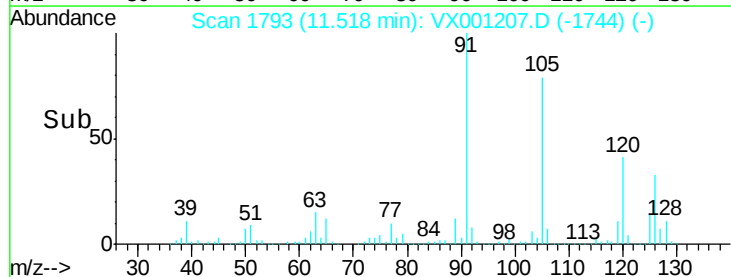
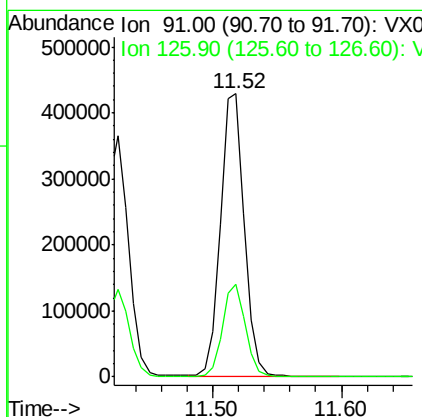
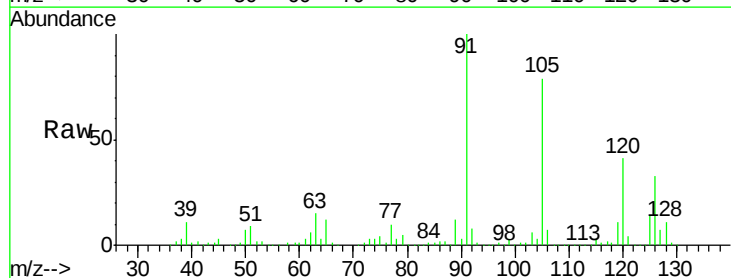
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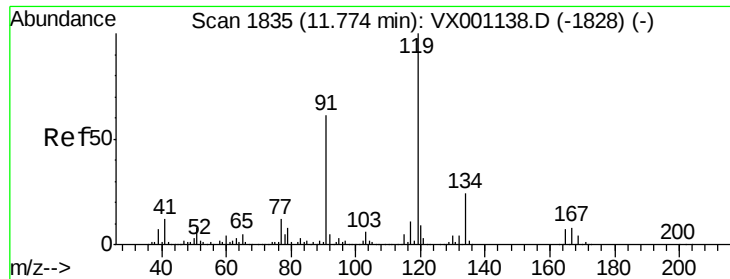
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#82
4-Chlorotoluene
Concen: 51.80 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.8	47.4





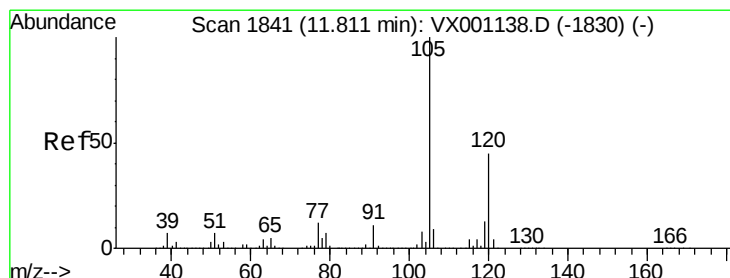
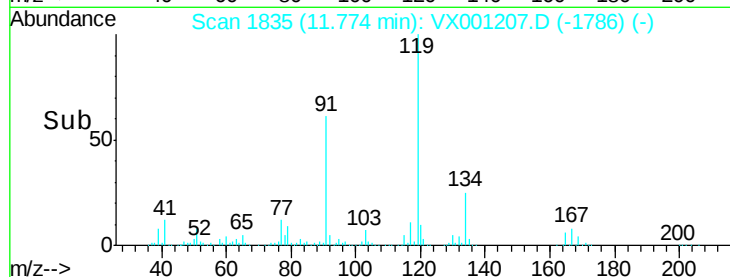
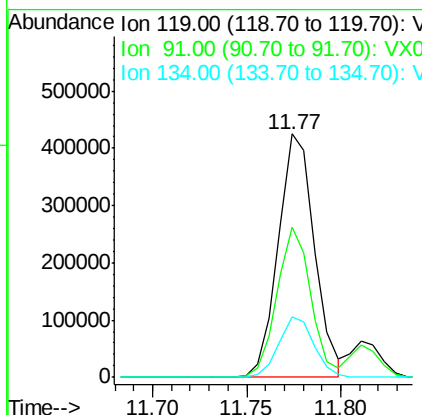
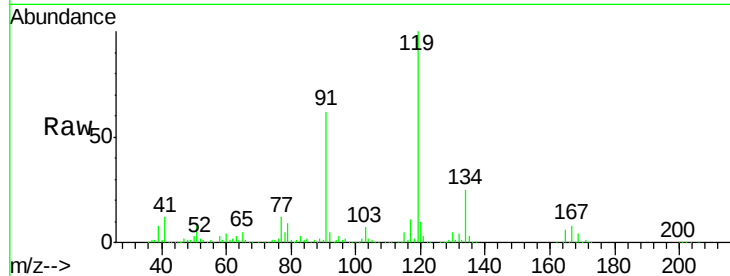
#83
tert-Butylbenzene
Concen: 50.89 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	27.6	82.8
134	24.1	11.5	34.5

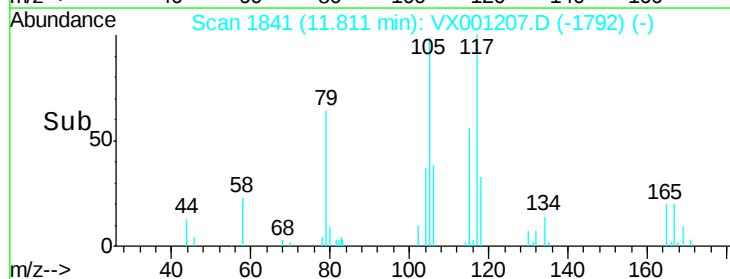
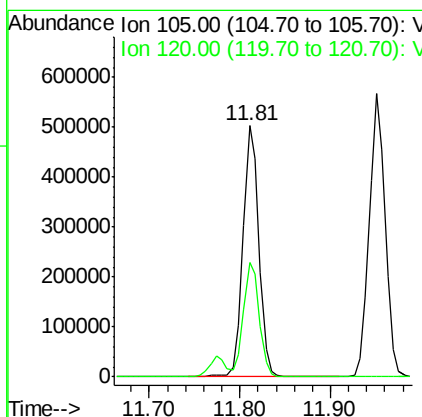
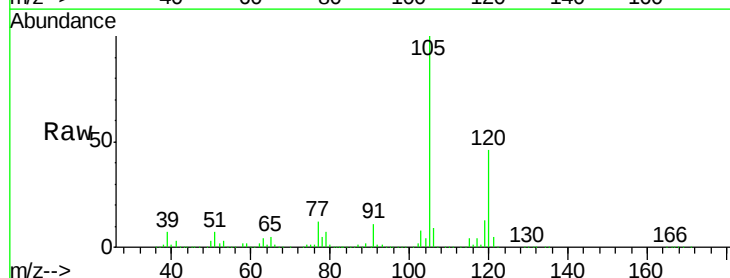
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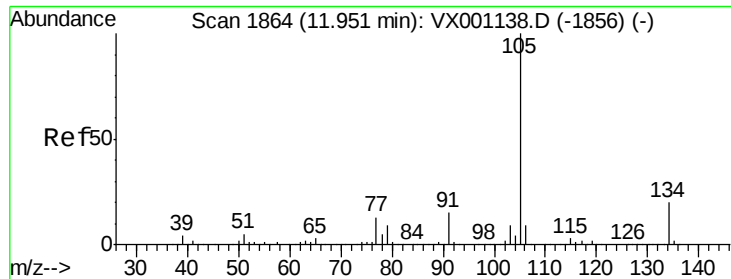
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#84
1,2,4-Trimethylbenzene
Concen: 52.95 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 53.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 691342

Ion Ratio Lower Upper

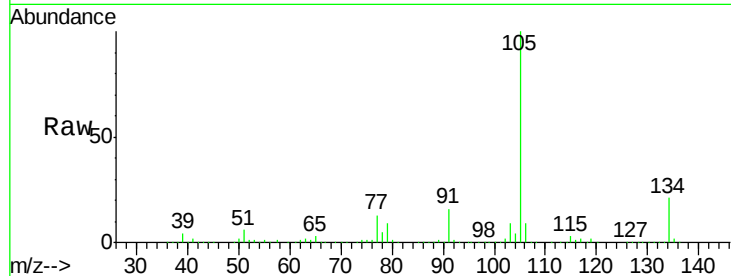
105 100

134 21.2 10.5 31.5

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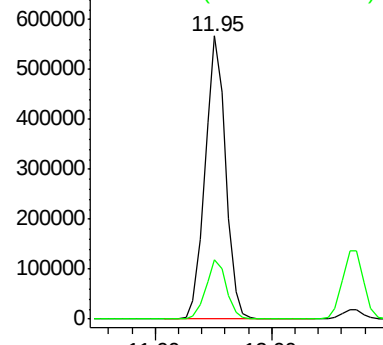
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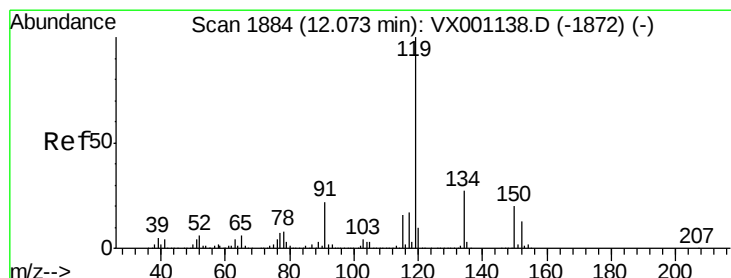
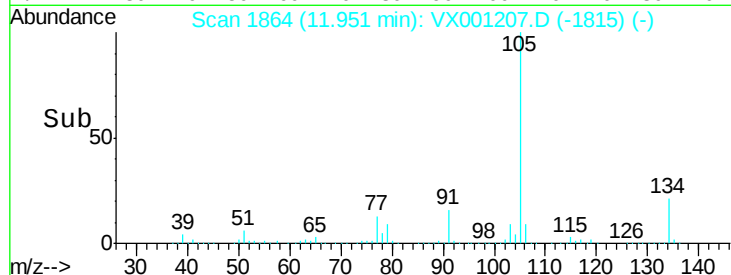


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 53.78 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

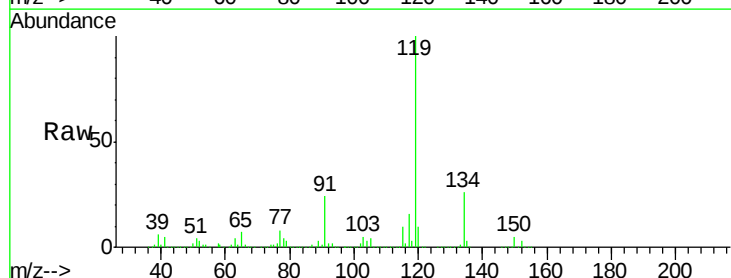
Tgt Ion:119 Resp: 650165

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

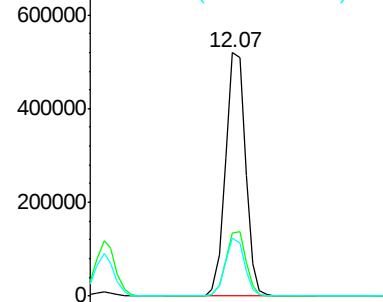
91 23.1 11.6 34.8



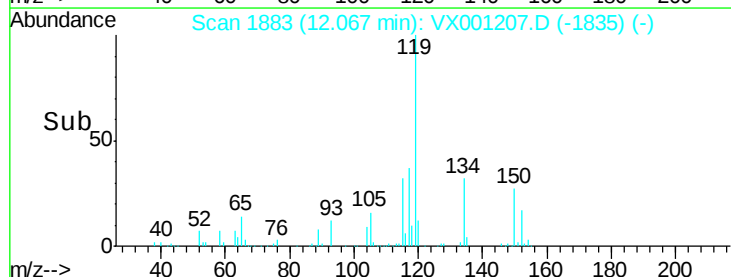
Abundance Ion 119.00 (118.70 to 119.70): V

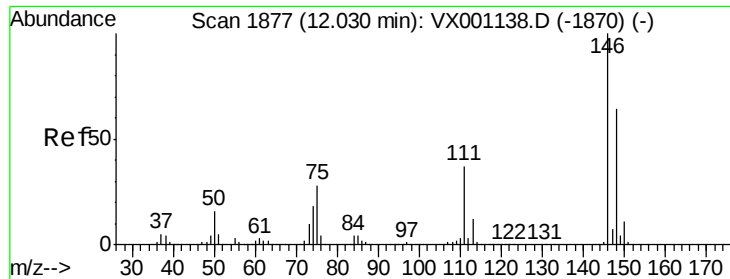
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





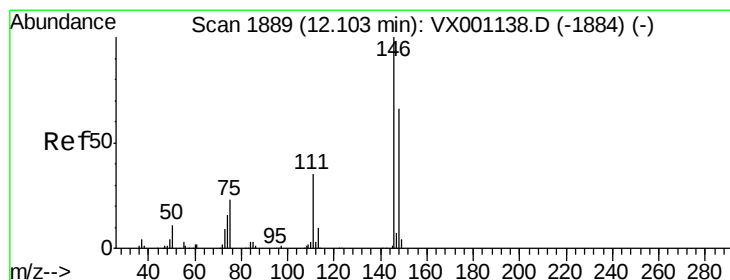
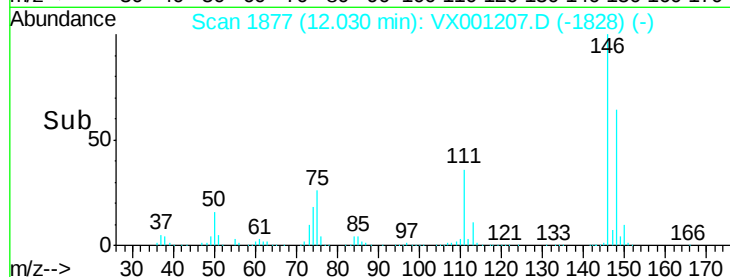
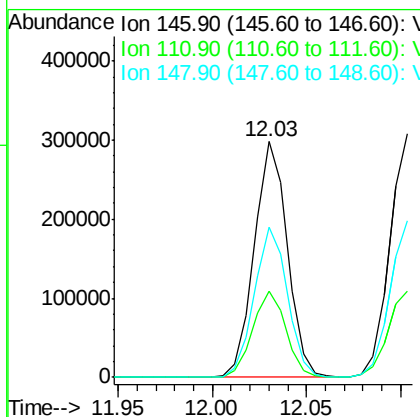
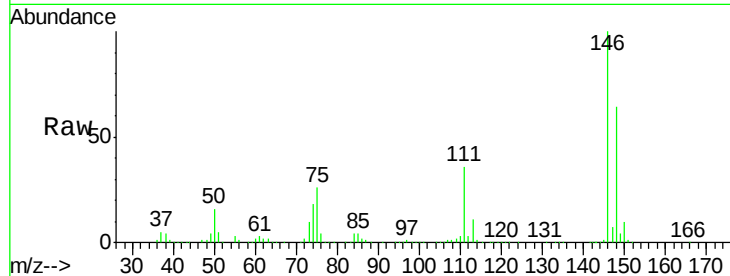
#87
 1,3-Dichlorobenzene
 Concen: 51.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	56.0
148	64.0	32.3	96.8

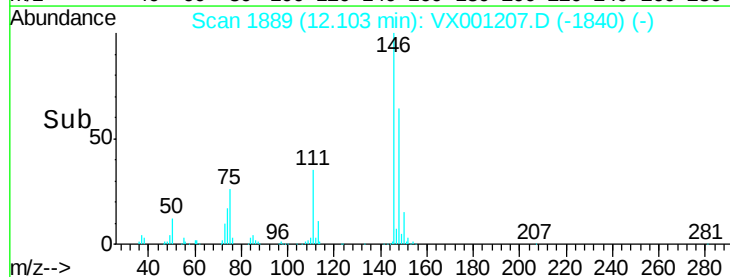
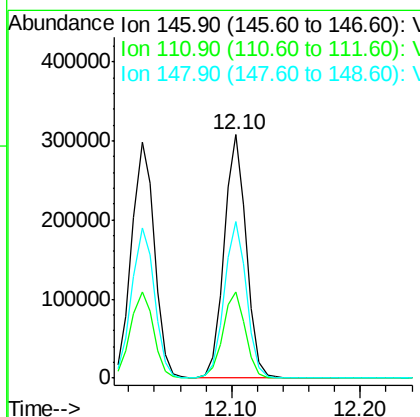
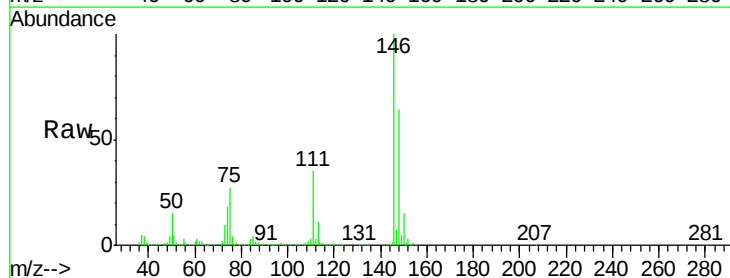
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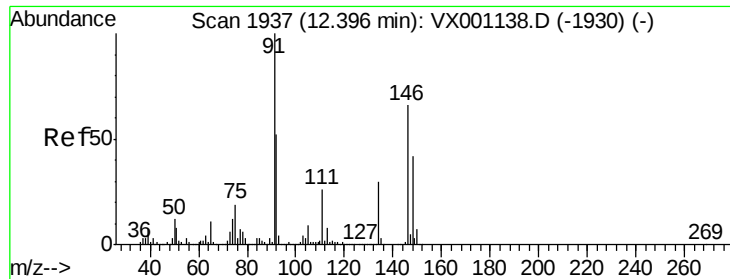
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#88
 1,4-Dichlorobenzene
 Concen: 51.03 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.3	32.5	97.5





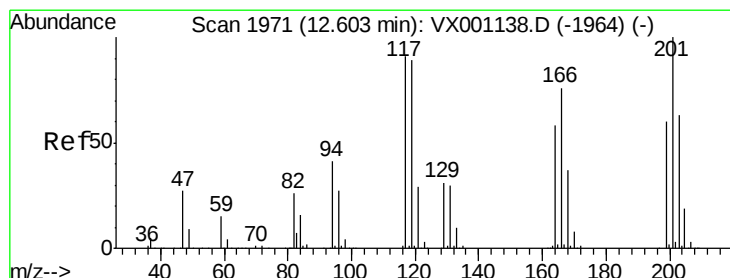
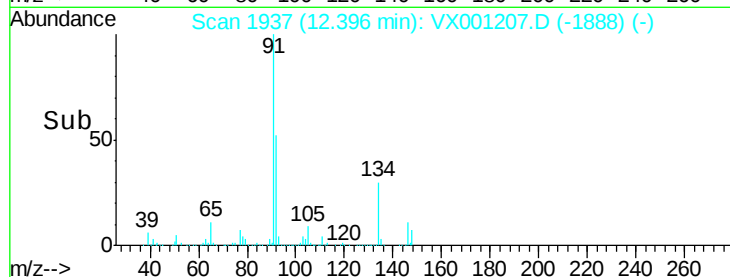
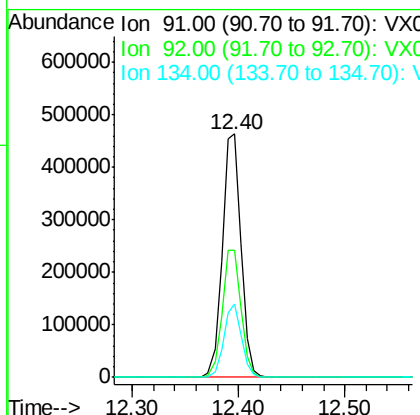
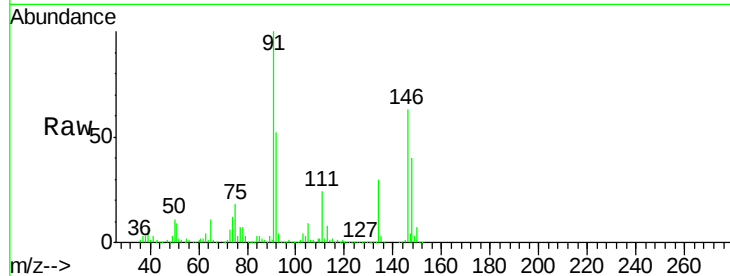
#89
n-Butylbenzene
Concen: 54.26 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.6
134	28.3	14.1	42.3

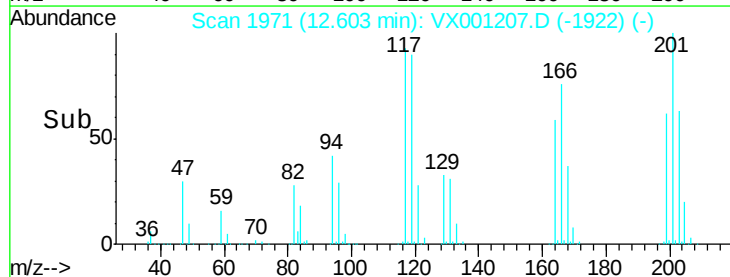
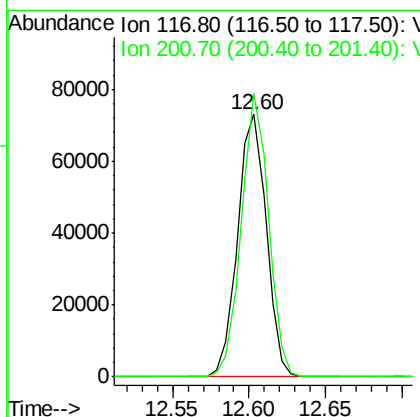
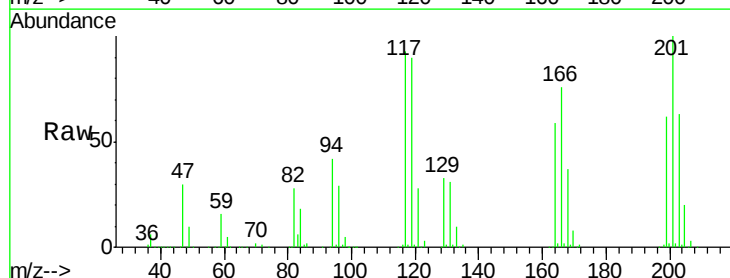
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#90
Hexachloroethane
Concen: 48.59 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001207.D
Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.5	51.8	155.4





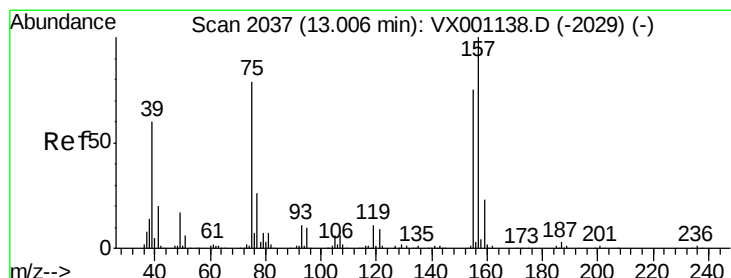
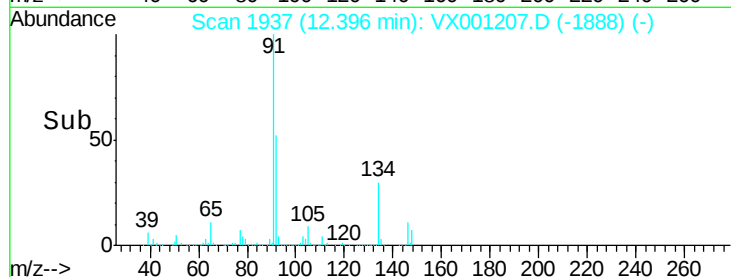
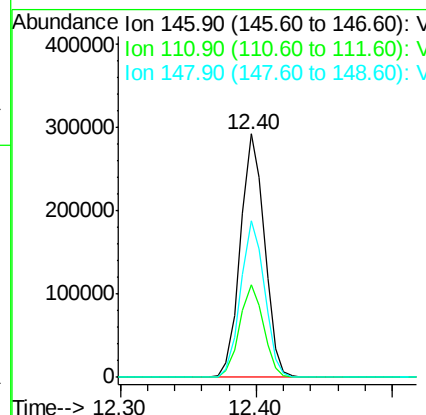
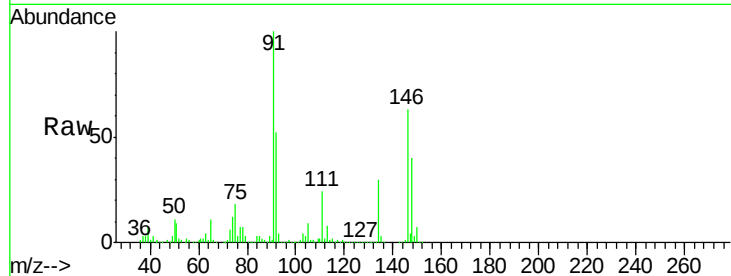
#91
 1,2-Dichlorobenzene
 Concen: 50.81 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	359986		
111	37.7	19.1	57.3	
148	63.9	32.2	96.6	

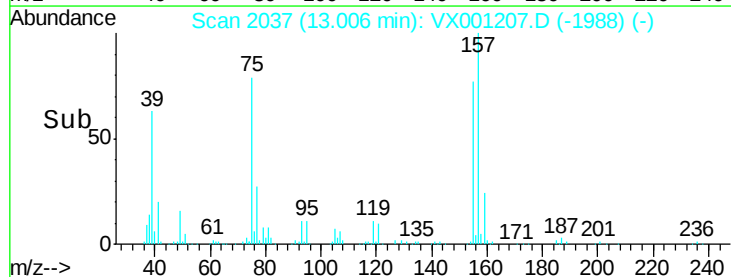
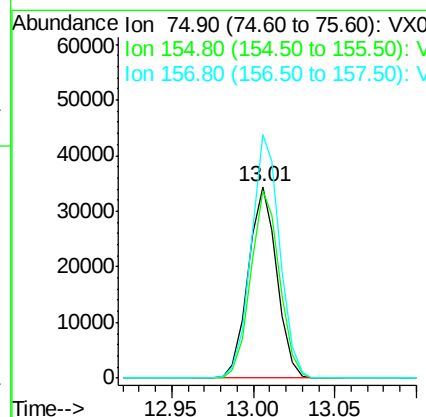
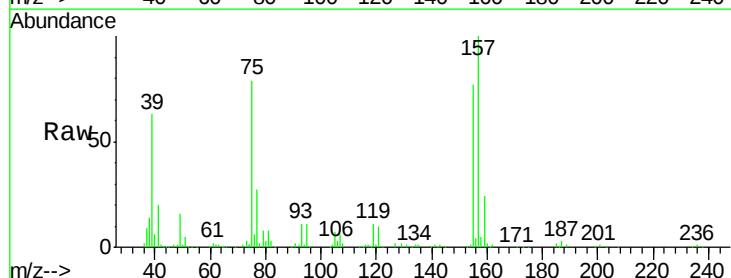
Manual Integrations
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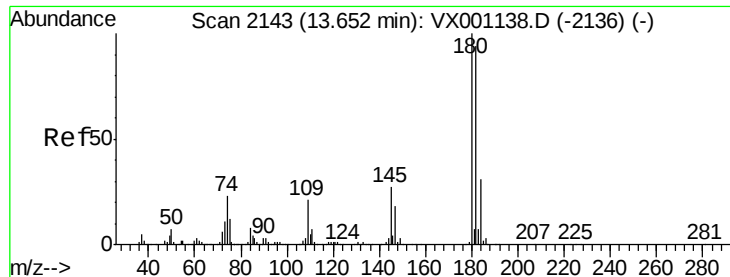
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.54 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41977		
155	98.2	48.4	145.3	
157	127.4	62.7	188.1	





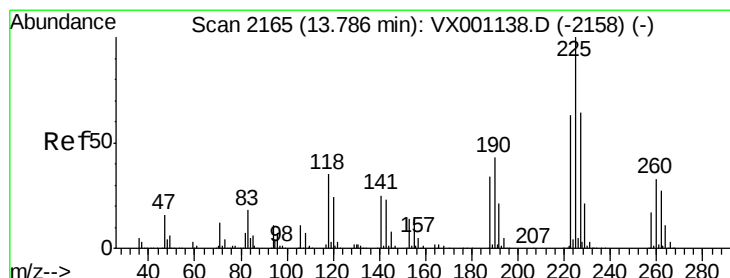
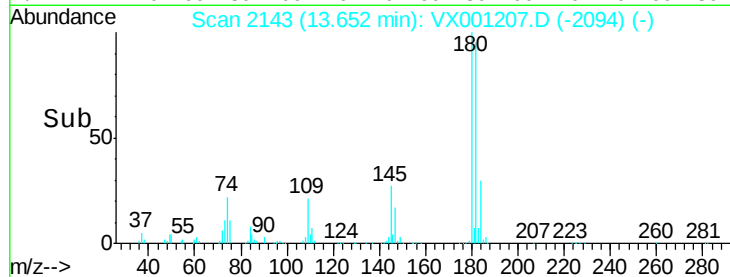
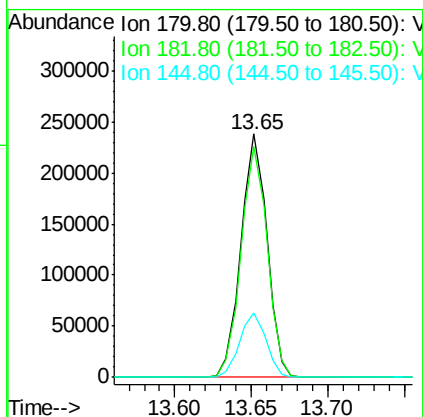
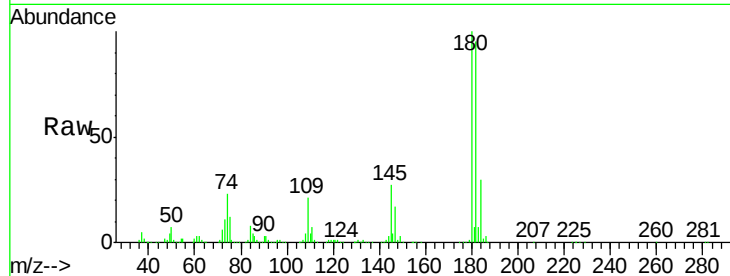
#93
 1,2,4-Trichlorobenzene
 Concen: 50.69 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	281555
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	27.0	13.8	41.4

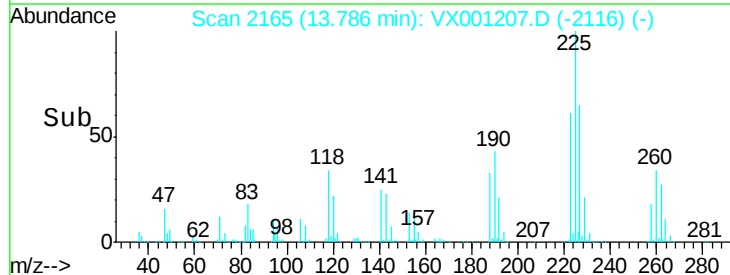
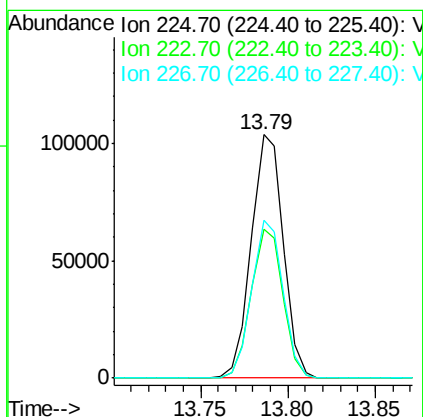
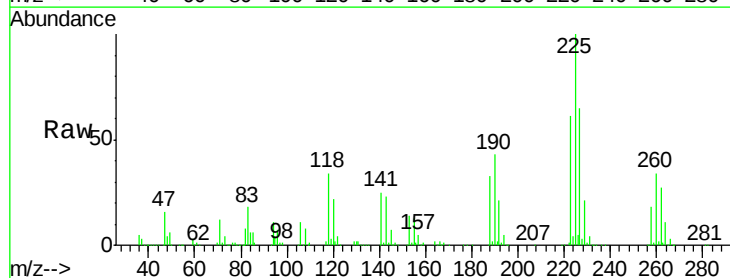
Manual Integrations
 APPROVED

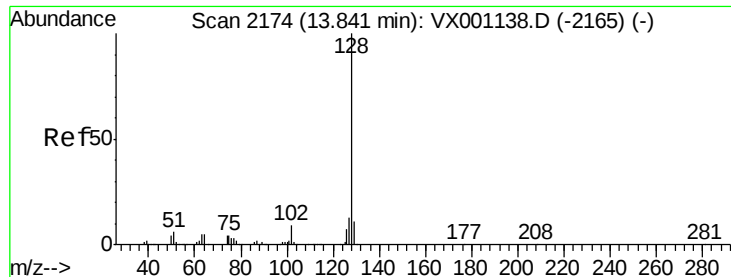
apatel
 5/1/2018 7:44:36 PM



#94
 Hexachlorobutadiene
 Concen: 50.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001207.D
 Acq: 28 Apr 2018 11:50

Tgt Ion:	225	Resp:	132921
Ion Ratio	Lower	Upper	
225	100		
223	60.9	31.3	93.9
227	63.3	32.2	96.6





#95

Naphthalene

Concen: 46.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Instrument :

MSVOA_X

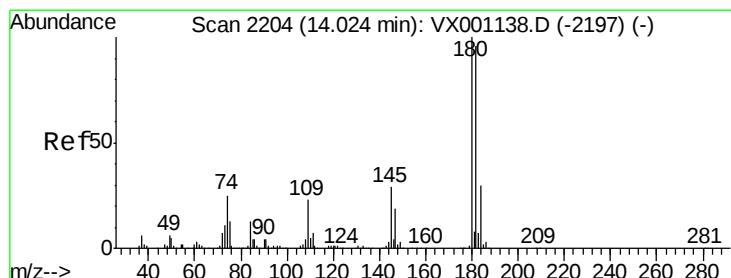
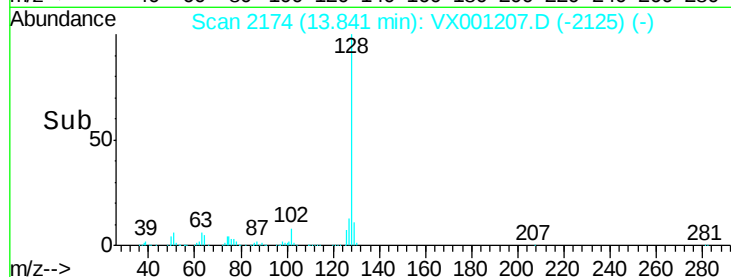
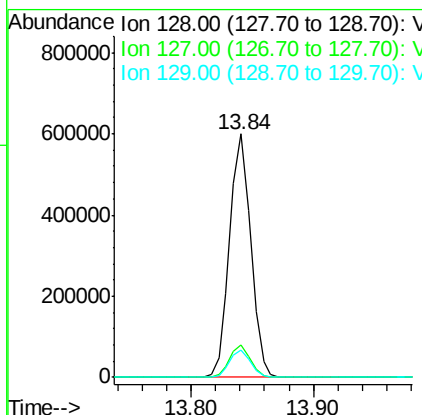
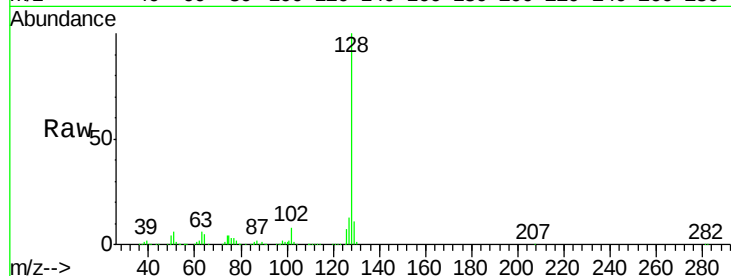
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	716253
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.32 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001207.D

Acq: 28 Apr 2018 11:50

Tgt Ion:	180	Resp:	272579
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.2	144.6
145	29.0	14.5	43.5

