

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001210.D
 Acq On : 28 Apr 2018 13:48
 Operator : JC/MD
 Sample : VX0428WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Manual Integrations
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 5/1/2018 7:44:43 PM

Quant Time: Apr 30 02:00:18 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	200954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138097	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.51	113	111081	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.72	98	416470	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	159631	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41742	19.81	ug/l	96
3) Chloromethane	1.32	50	39764	18.02	ug/l	100
4) Vinyl Chloride	1.40	62	43507	18.58	ug/l	99
5) Bromomethane	1.64	94	34763	23.06	ug/l	98
6) Chloroethane	1.73	64	28194	19.13	ug/l	96
7) Trichlorofluoromethane	1.93	101	76358	20.19	ug/l	99
8) Diethyl Ether	2.19	74	27692	19.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44446	21.33	ug/l	100
10) Methyl Iodide	2.51	142	33647	20.52	ug/l	97
11) Tert butyl alcohol	3.07	59	50950	82.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	38152	18.77	ug/l	99
13) Acrolein	2.29	56	14004	60.30	ug/l	99
14) Allyl chloride	2.73	41	71570	19.31	ug/l	98
15) Acrylonitrile	3.15	53	113987	86.90	ug/l	98
16) Acetone	2.45	43	117539	91.76	ug/l	100
17) Carbon Disulfide	2.57	76	92820	17.90	ug/l	99
18) Methyl Acetate	2.78	43	60043	18.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	142169	19.00	ug/l	98
20) Methylene Chloride	2.86	84	44112	18.49	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42313	18.84	ug/l	98
22) Diisopropyl ether	3.87	45	133091	17.94	ug/l	91
23) Vinyl Acetate	3.83	43	574698	91.33	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77440	19.86	ug/l	99
25) 2-Butanone	4.71	43	161617	84.32	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57241	18.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47332	19.24	ug/l	98
28) Bromochloromethane	5.02	49	36338	20.79	ug/l	98
29) Tetrahydrofuran	5.17	42	101408	82.29	ug/l	98
30) Chloroform	5.22	83	80265	19.36	ug/l	98
31) Cyclohexane	5.57	56	65792	19.86	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	68853	19.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	58045	20.00	ug/l	99
37) Ethyl Acetate	4.86	43	61933	17.82	ug/l	99
38) Carbon Tetrachloride	5.79	117	59478	19.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	66849	20.81	ug/l	98
40) Benzene	6.15	78	170228	20.28	ug/l	99
41) Methacrylonitrile	5.07	41	35822	18.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68343	20.20	ug/l	99
43) Isopropyl Acetate	6.47	43	100656	18.44	ug/l	100
44) Trichloroethene	7.22	130	51743	20.69	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43850	19.86	ug/l	99
46) Dibromomethane	7.67	93	31405	20.54	ug/l	98
47) Bromodichloromethane	7.90	83	55213	19.87	ug/l	99
48) Methyl methacrylate	7.79	41	53330	18.38	ug/l	99
49) 1,4-Dioxane	7.76	88	20929	360.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	332823	92.82	ug/l	97
52) Toluene	8.79	92	113818	20.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64360	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	61017	19.48	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47602	20.49	ug/l	98
56) Ethyl methacrylate	9.19	69	66180	19.23	ug/l	98
57) 1,3-Dichloropropane	9.38	76	75863	20.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	152784	93.90	ug/l	100
59) 2-Hexanone	9.50	43	255555	90.97	ug/l	99
60) Dibromochloromethane	9.59	129	47605	19.72	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49880	20.50	ug/l	100
64) Tetrachloroethene	9.34	164	59337	22.22	ug/l	98
65) Chlorobenzene	10.14	112	135419	20.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47928	21.13	ug/l	99
67) Ethyl Benzene	10.26	91	220874	20.74	ug/l	99
68) m/p-Xylenes	10.37	106	172304	40.92	ug/l	97
69) o-Xylene	10.70	106	84254	20.63	ug/l	99
70) Styrene	10.72	104	139970	20.59	ug/l	99
71) Bromoform	10.86	173	36662	18.80	ug/l #	99
73) Isopropylbenzene	11.02	105	230593	20.80	ug/l	99
74) N-amyl acetate	6.47	43	100656	18.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69075	18.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	65238m	18.84	ug/l	
77) Bromobenzene	11.26	156	67186	20.44	ug/l	98
78) n-propylbenzene	11.37	91	259234	20.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	154006	20.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194704	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14877	17.41	ug/l	88
82) 4-Chlorotoluene	11.52	91	184629	20.27	ug/l	99
83) tert-Butylbenzene	11.77	119	187147	19.98	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	201502	20.89	ug/l	100
85) sec-Butylbenzene	11.95	105	232311	21.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	212096	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	121535	20.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126466	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	179930	20.43	ug/l	100
90) Hexachloroethane	12.60	117	28835	19.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	122192	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13944	17.18	ug/l	98

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ClientSampleId :
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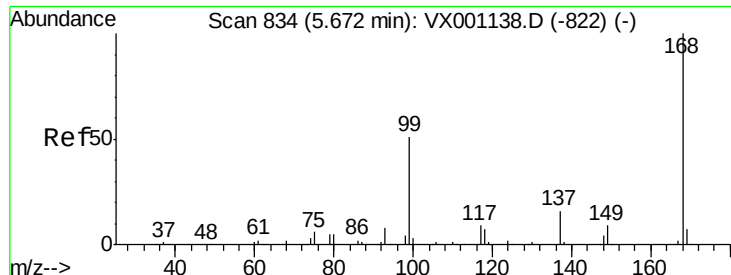
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94552	20.22	ug/l	100
94) Hexachlorobutadiene	13.79	225	43250	19.68	ug/l	99
95) Naphthalene	13.84	128	249018	19.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93931	20.19	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

Tot Ion:168 Resp: 200954

Ion Ratio Lower Upper

168 100

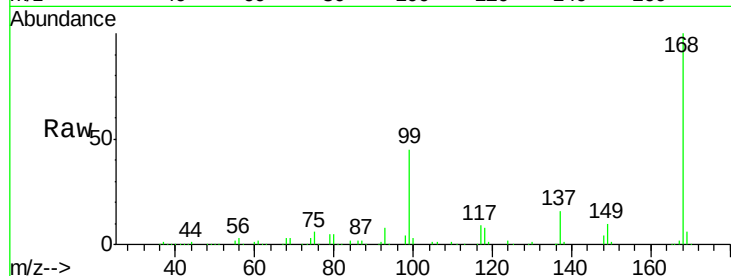
99 45.5 40.6 60.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

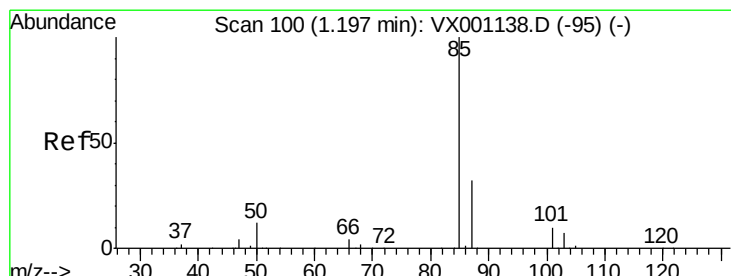
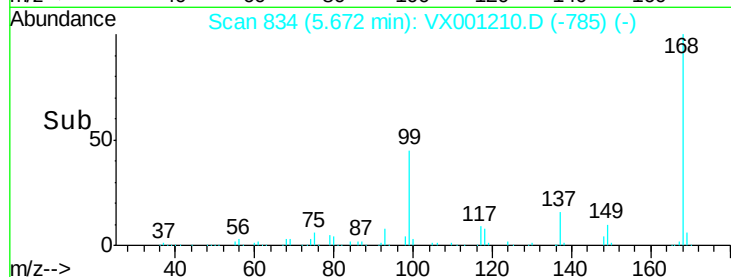
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001210.D

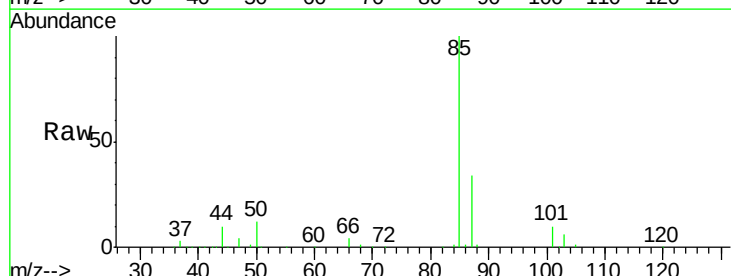
Acq: 28 Apr 2018 13:48

Tgt Ion: 85 Resp: 41742

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

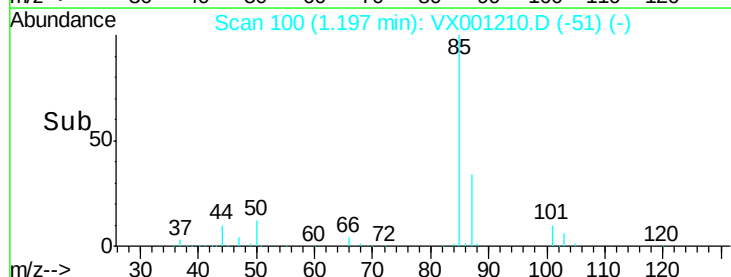
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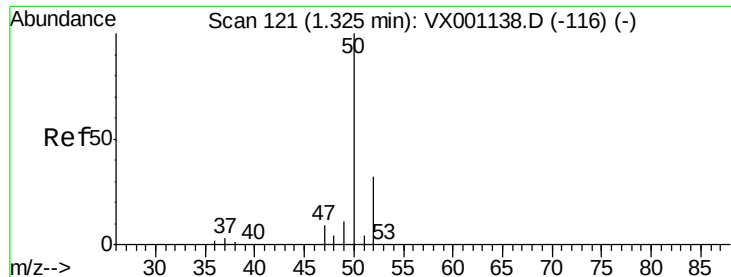
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 50 Resp: 39764

Ion Ratio Lower Upper

50 100

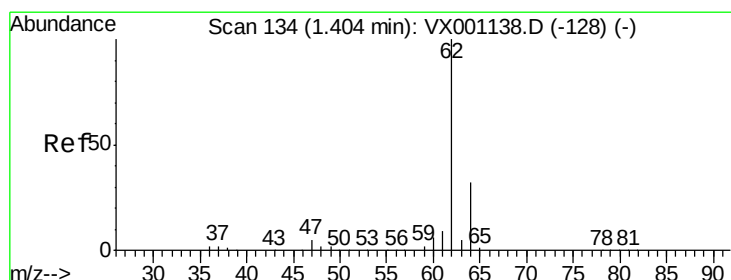
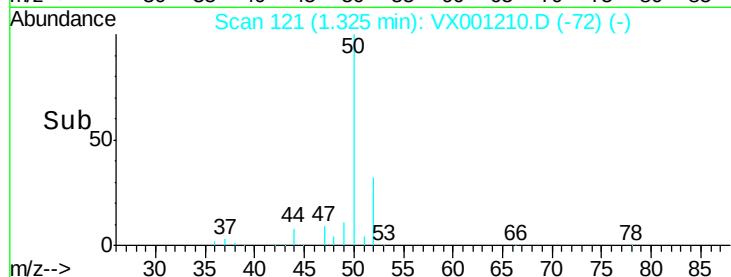
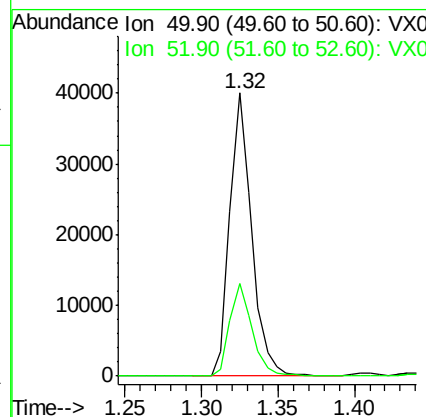
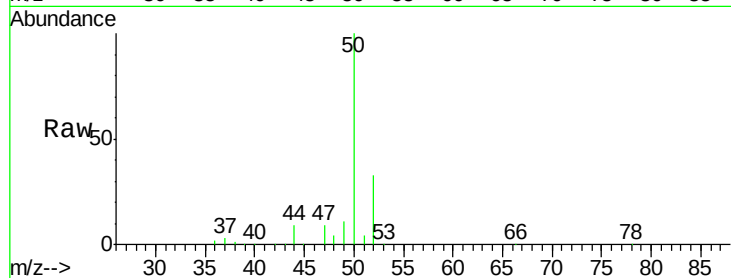
52 32.5 25.9 38.9

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#4

Vinyl Chloride

Concen: 18.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001210.D

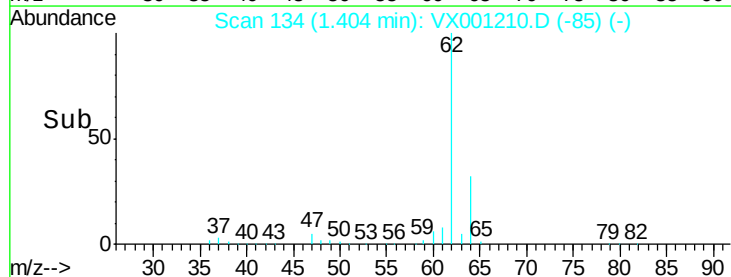
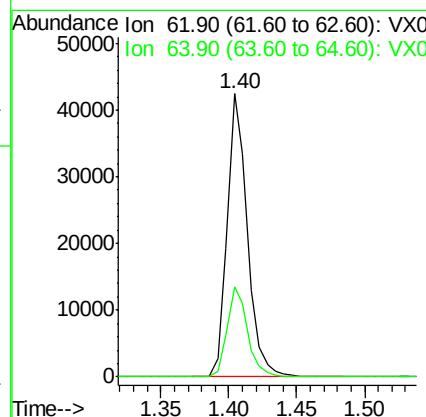
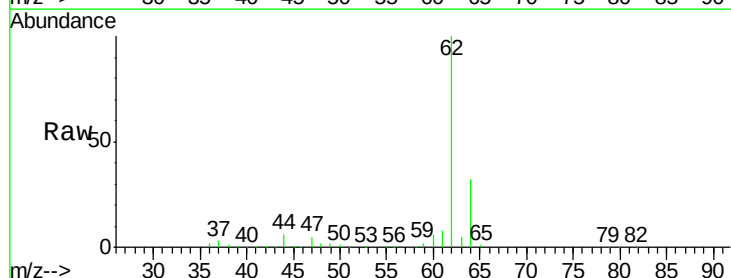
Acq: 28 Apr 2018 13:48

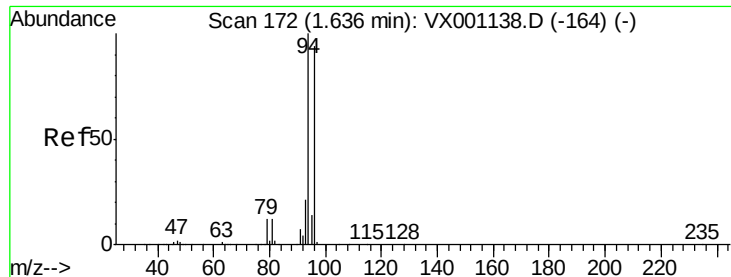
Tgt Ion: 62 Resp: 43507

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 23.06 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 94 Resp: 34763

Ion Ratio Lower Upper

94 100

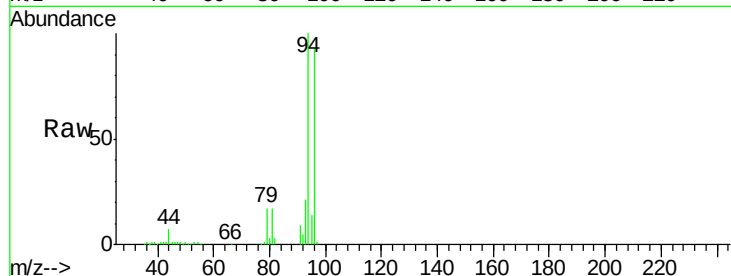
96 92.5 75.3 112.9

Manual Integrations

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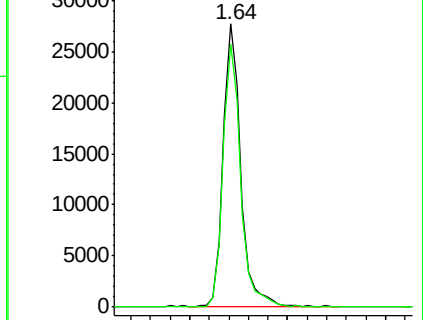
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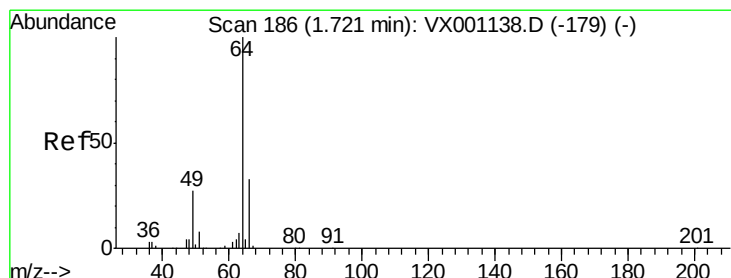
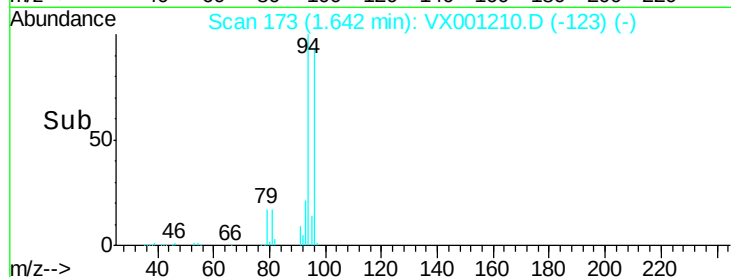


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 19.13 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001210.D

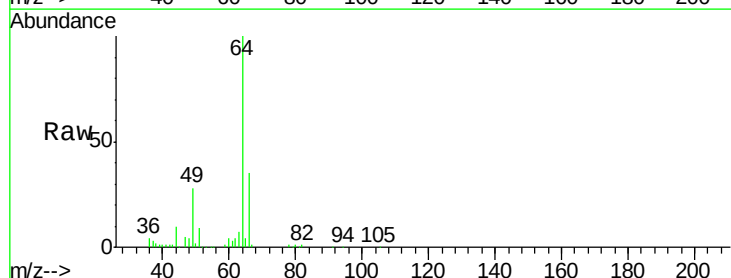
Acq: 28 Apr 2018 13:48

Tgt Ion: 64 Resp: 28194

Ion Ratio Lower Upper

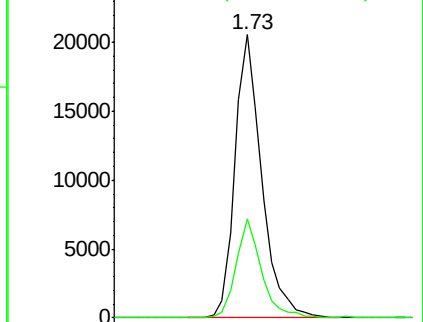
64 100

66 35.0 26.1 39.1

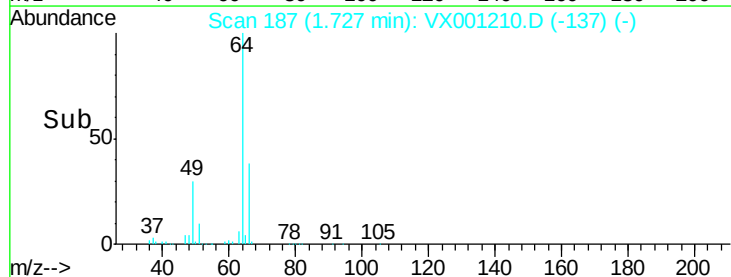


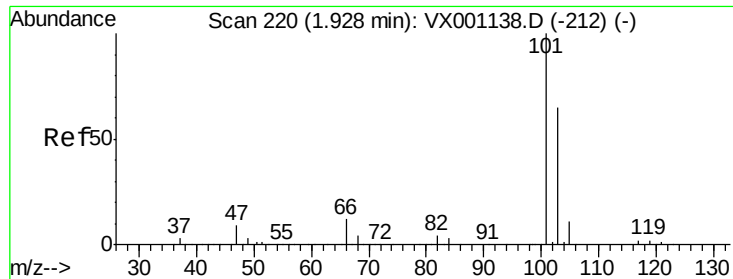
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

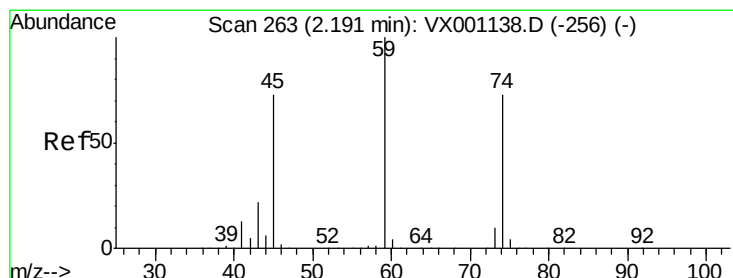
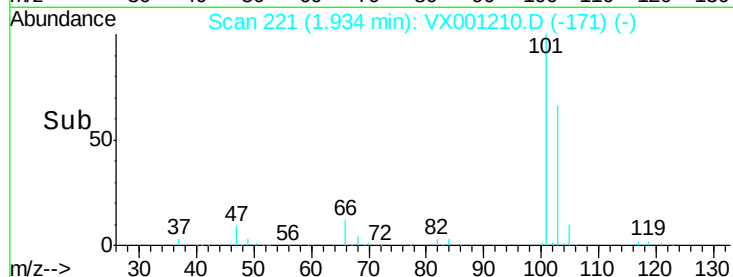
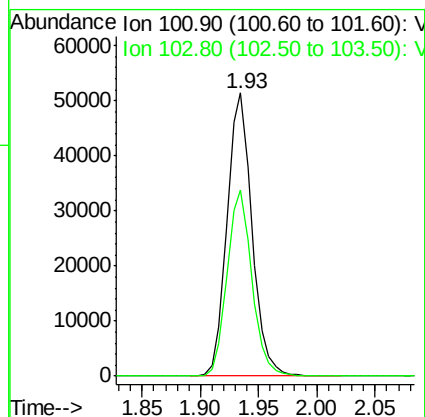
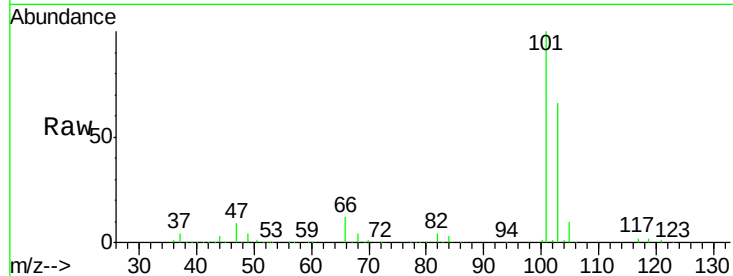
Trichlorofluoromethane
 Concen: 20.19 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

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 VX0428WBSD01

Tot Ion:101 Resp: 76358
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9

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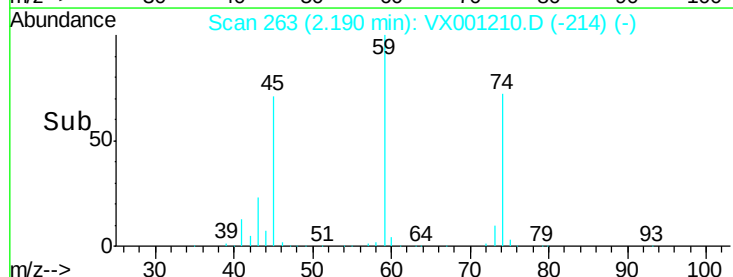
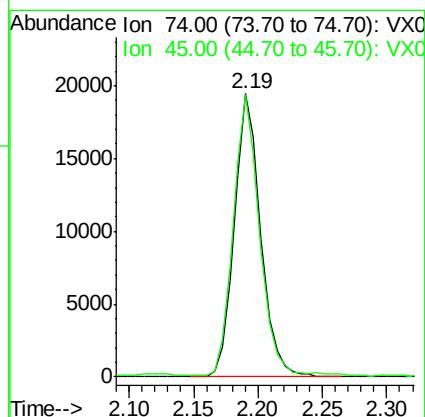
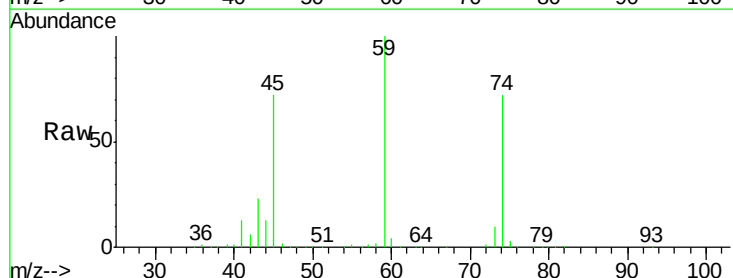
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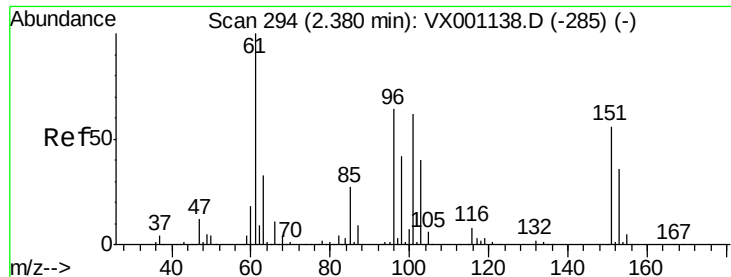


#8

Diethyl Ether
 Concen: 19.04 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 74 Resp: 27692
 Ion Ratio Lower Upper
 74 100
 45 99.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

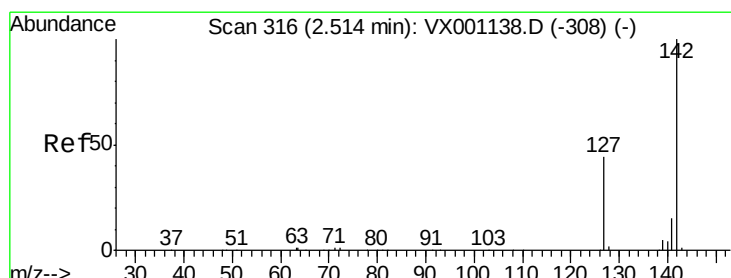
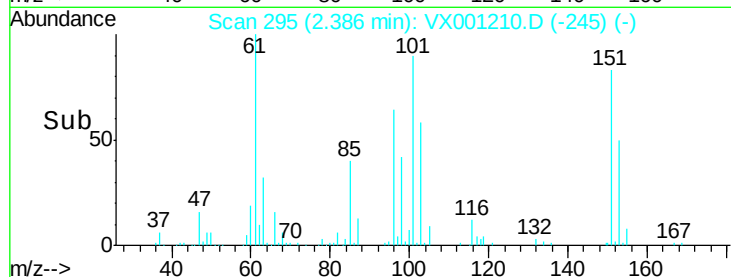
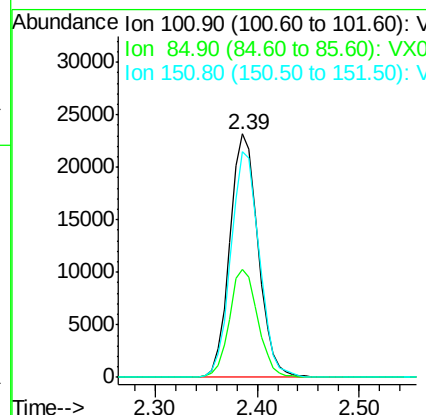
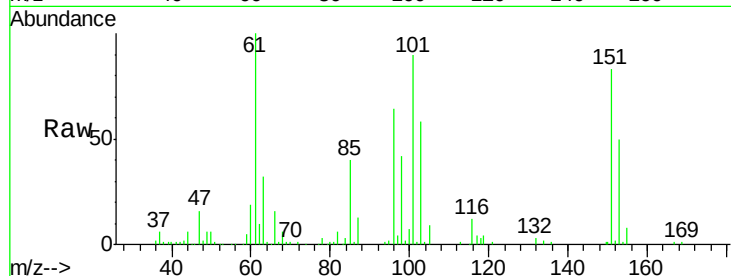
ClientSampleId :

VX0428WBSD01

Tot Ion:	101	Resp:	44446
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.4	53.0
151	92.9	74.2	111.4

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#10

Methyl Iodide

Concen: 20.52 ug/l

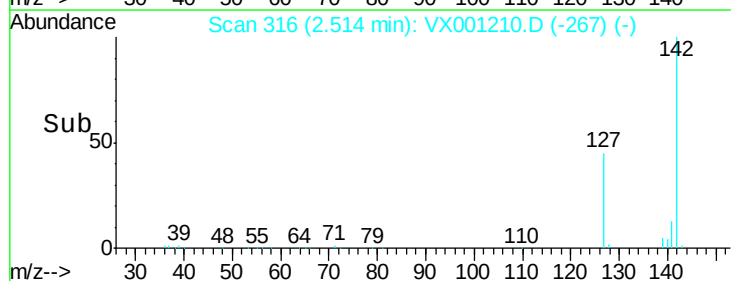
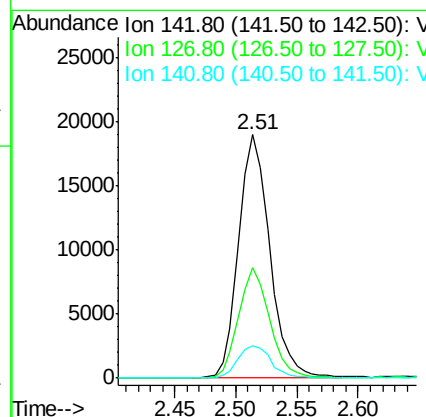
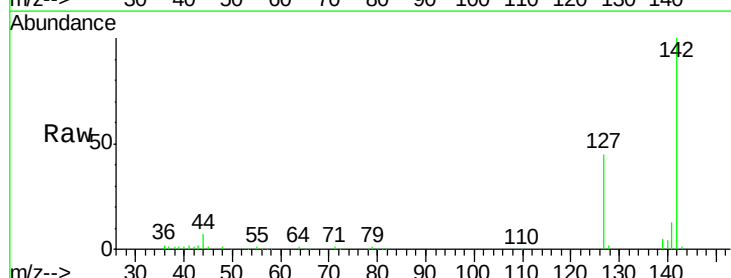
RT: 2.51 min Scan# 316

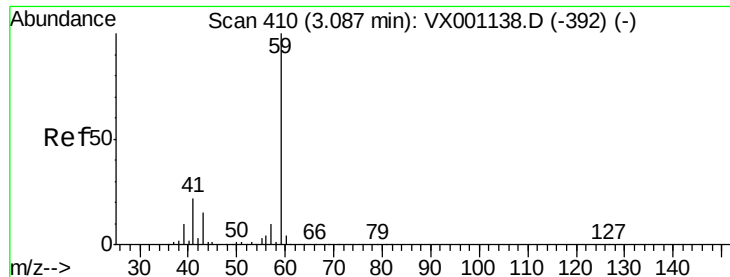
Delta R.T. 0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	142	Resp:	33647
Ion	Ratio	Lower	Upper
142	100		
127	45.4	34.7	52.1
141	14.1	11.6	17.4





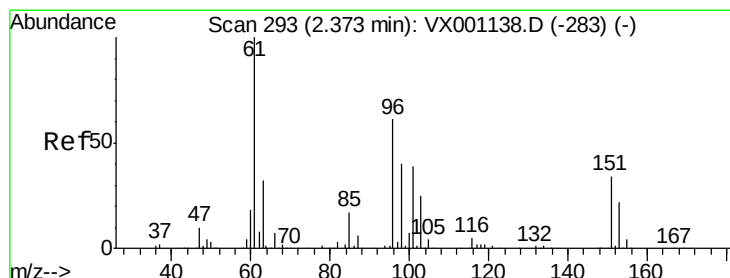
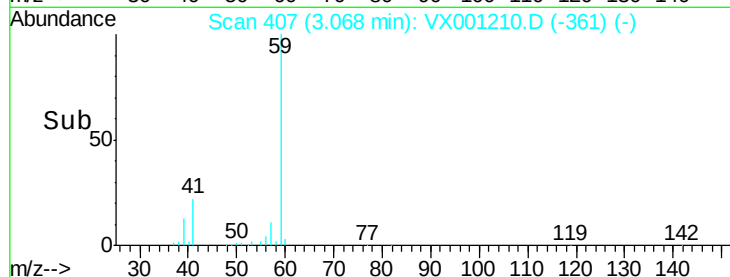
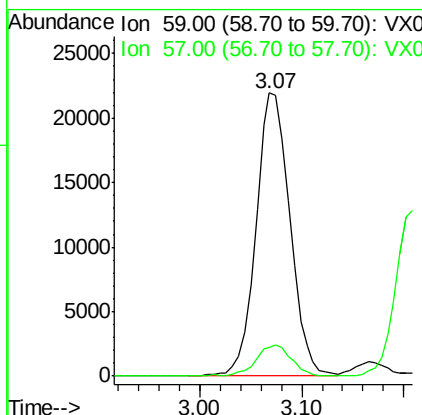
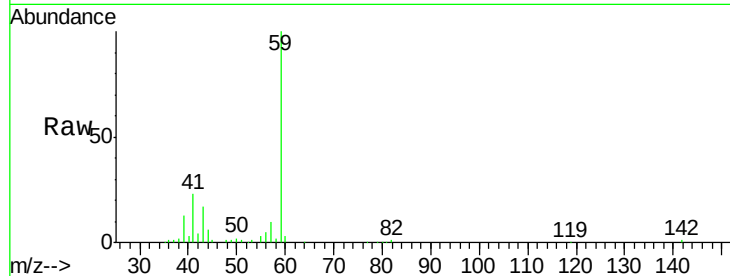
#11
Tert butyl alcohol
Concen: 82.94 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.2	12.4

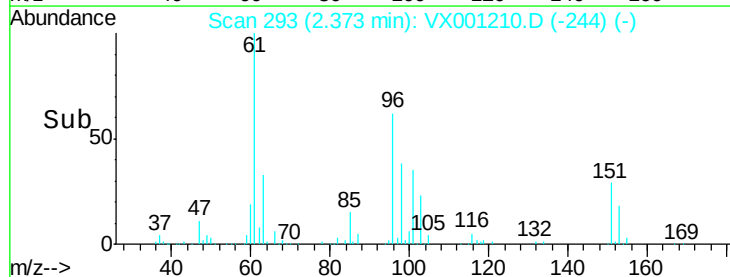
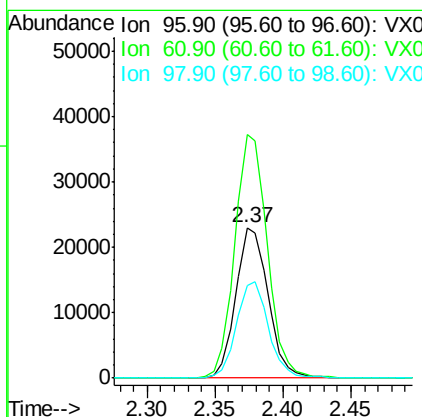
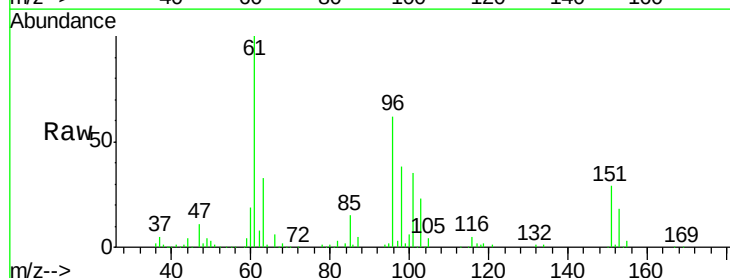
Manual Integrations
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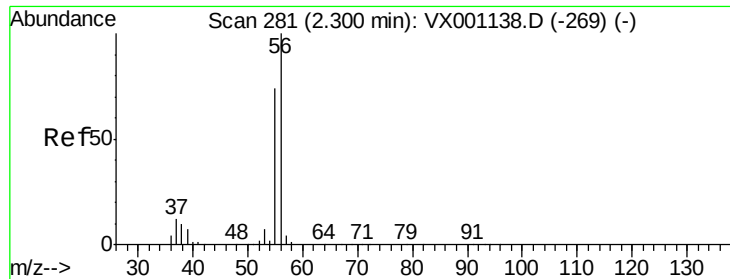
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#12
1,1-Dichloroethene
Concen: 18.77 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	130.2	195.4
98	61.5	51.5	77.3





#13

Acrolein

Concen: 60.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

Tot Ion: 56 Resp: 14004

Ion Ratio Lower Upper

56 100

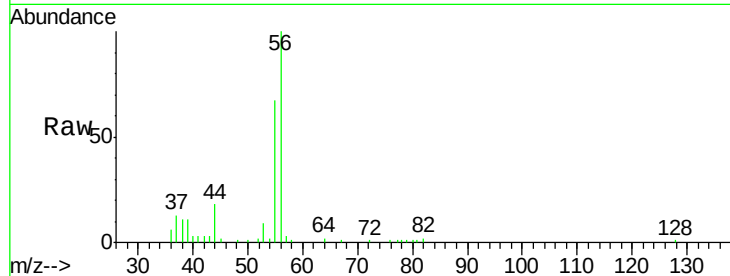
55 72.0 57.2 85.8

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

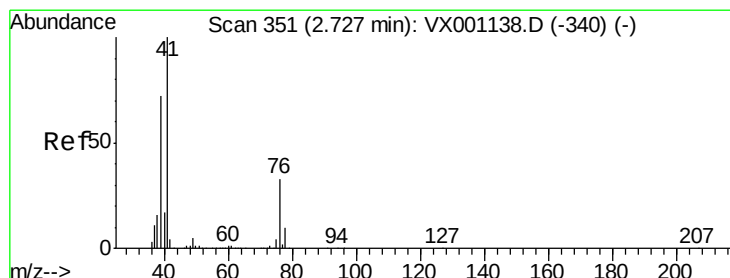
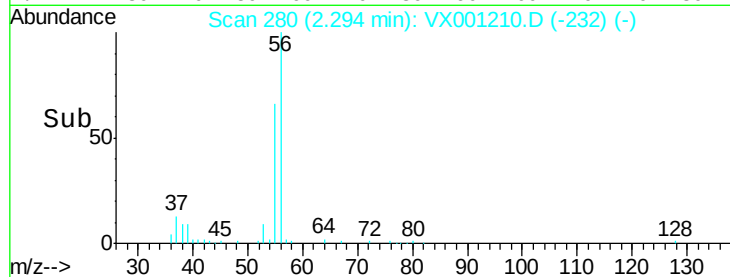
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 19.31 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

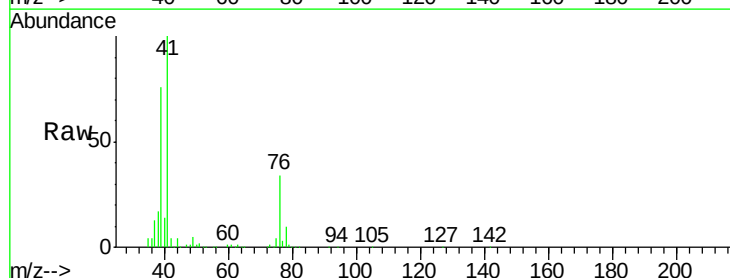
Tgt Ion: 41 Resp: 71570

Ion Ratio Lower Upper

41 100

39 71.5 55.6 83.4

76 30.7 24.8 37.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

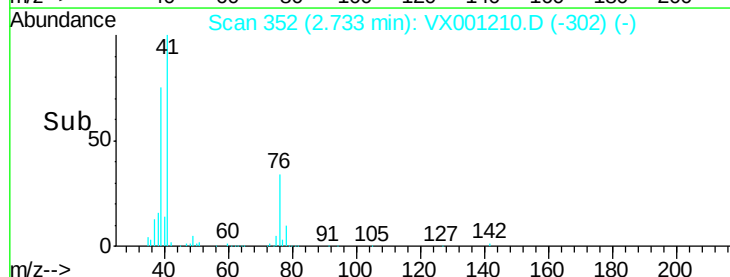
30000

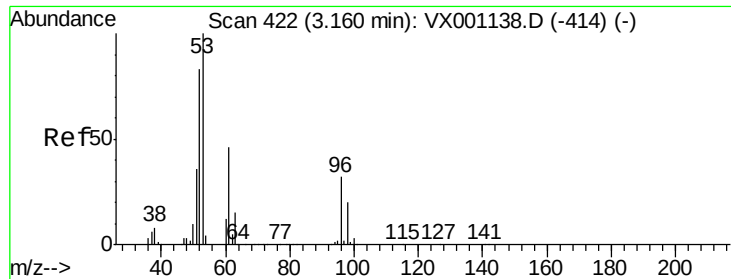
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 86.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

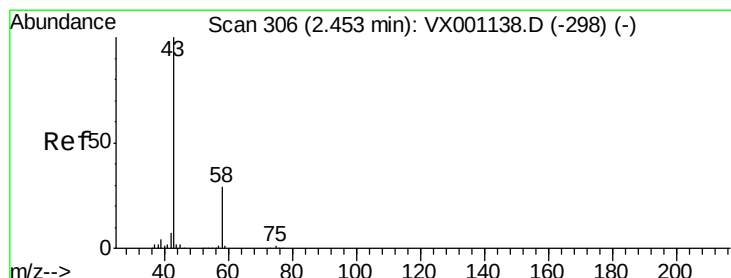
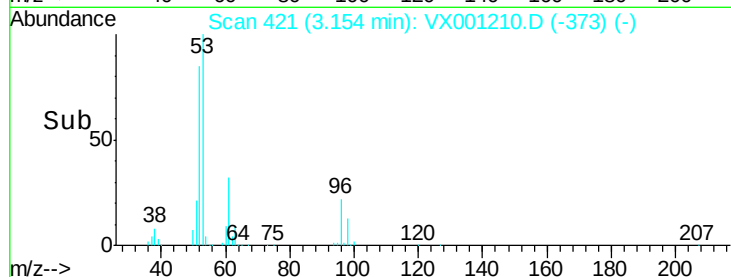
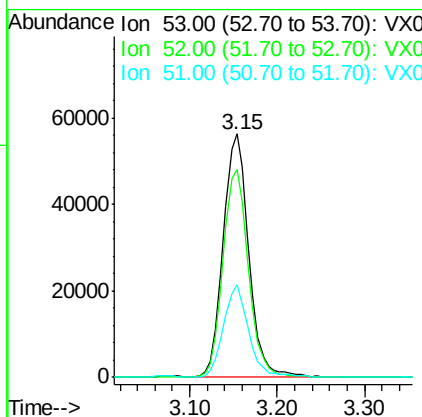
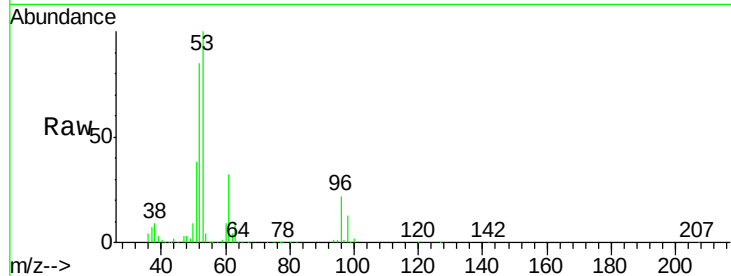
ClientSampleId :

VX0428WBSD01

Tot Ion:	53	Resp:	113987
Ion Ratio		Lower	Upper
53	100		
52	84.7	66.5	99.7
51	37.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 91.76 ug/l

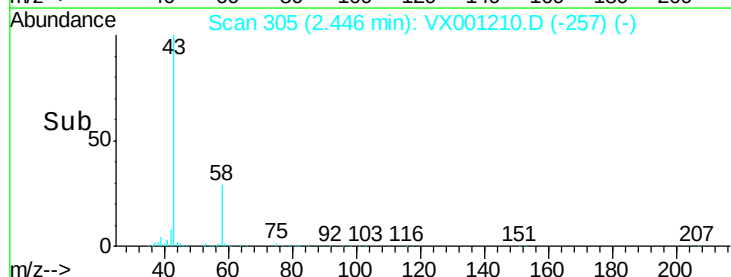
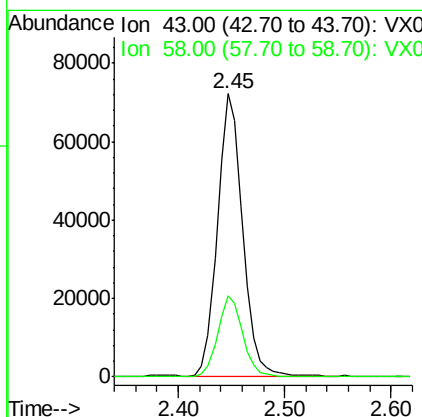
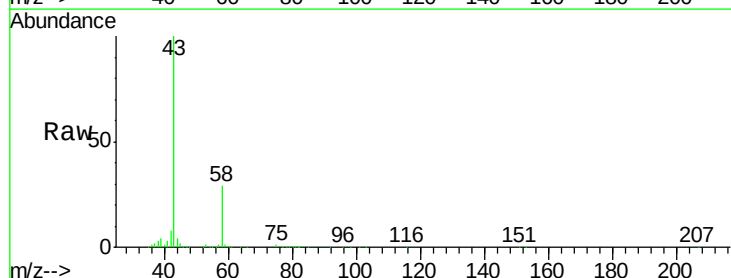
RT: 2.45 min Scan# 305

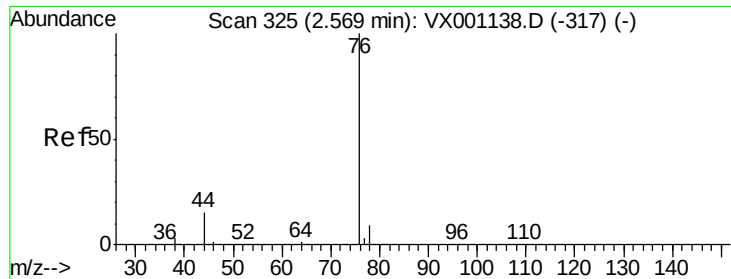
Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	43	Resp:	117539
Ion Ratio		Lower	Upper
43	100		
58	28.9	23.0	34.6





#17

Carbon Disulfide

Concen: 17.90 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 76 Resp: 92820

Ion Ratio Lower Upper

76 100

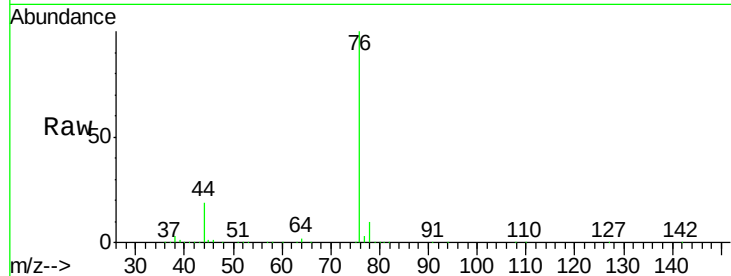
78 9.6 7.3 10.9

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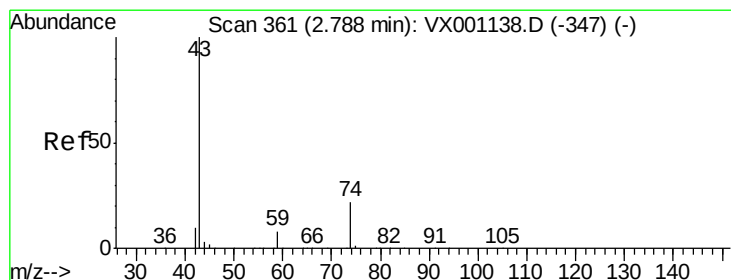
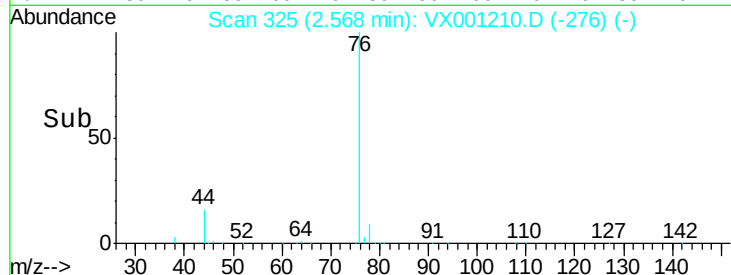
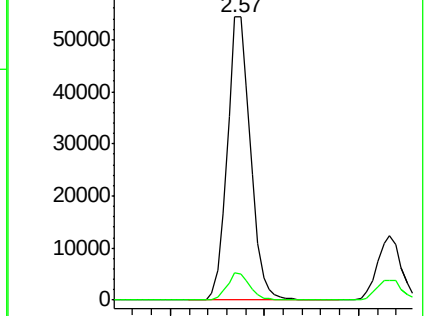
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.73 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001210.D

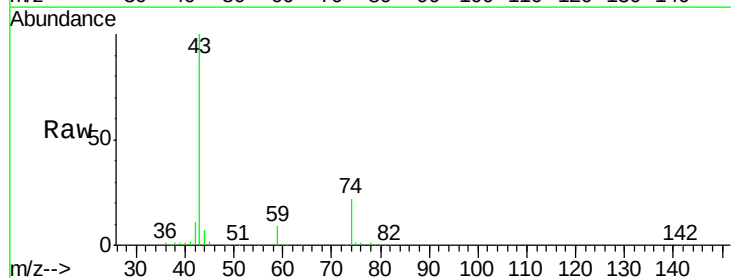
Acq: 28 Apr 2018 13:48

Tgt Ion: 43 Resp: 60043

Ion Ratio Lower Upper

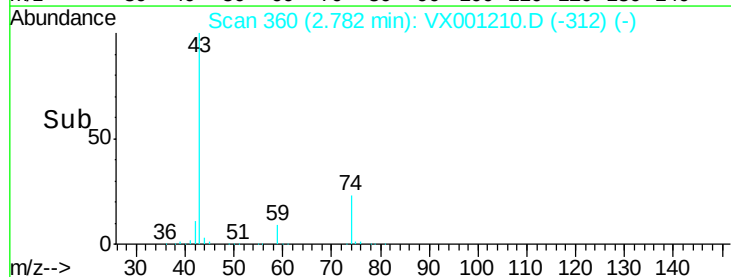
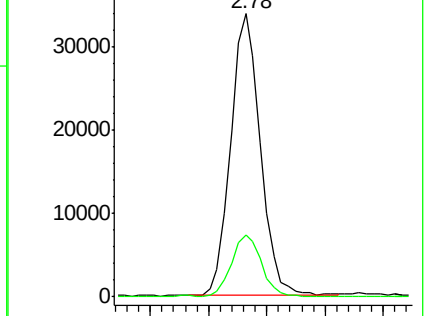
43 100

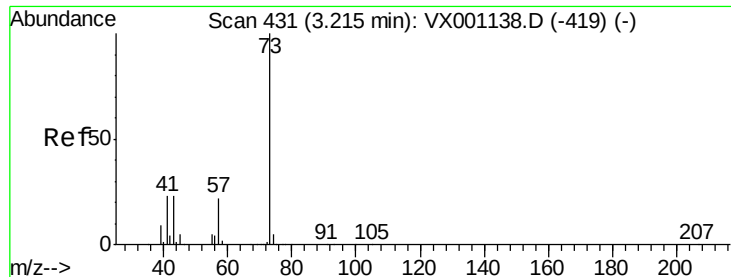
74 22.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

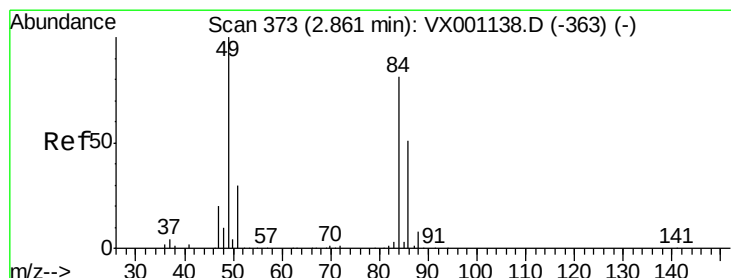
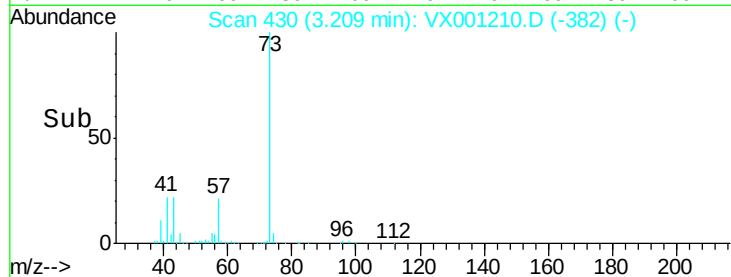
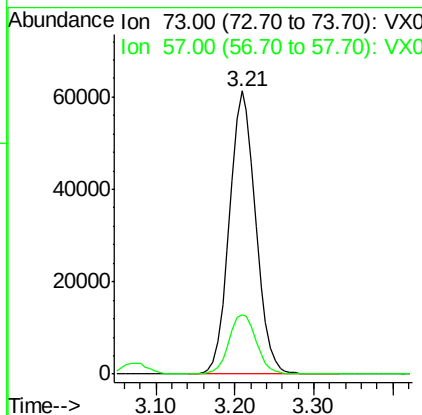
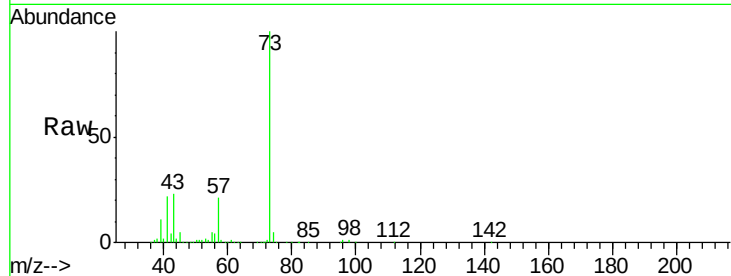
Methyl tert-butyl Ether
 Concen: 19.00 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBSD01

Tot Ion	73	Resp	142169
Ion Ratio	100	Lower	Upper
73	100		
57	20.9	17.7	26.5

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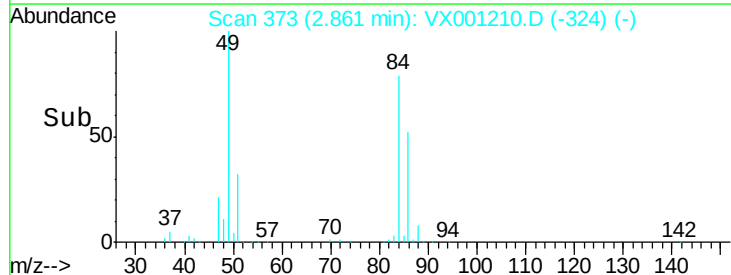
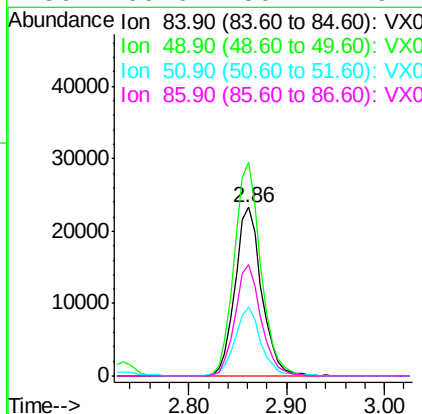
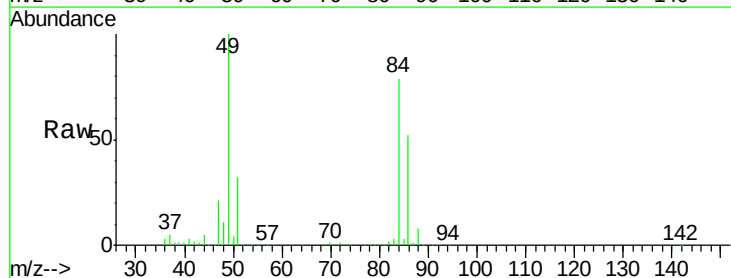
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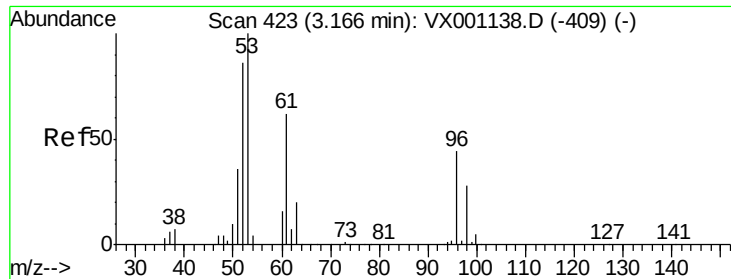


#20

Methylene Chloride
 Concen: 18.49 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	84	Resp	44112
Ion Ratio	100	Lower	Upper
84	100		
49	126.6	99.2	148.8
51	40.4	29.5	44.3
86	65.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

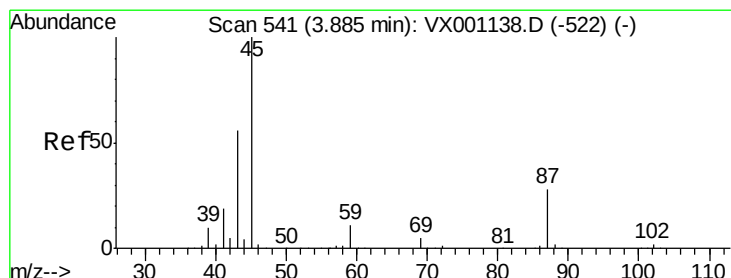
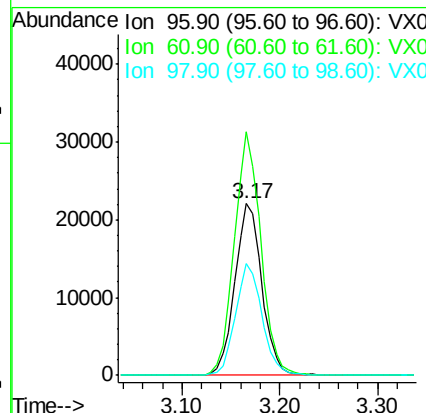
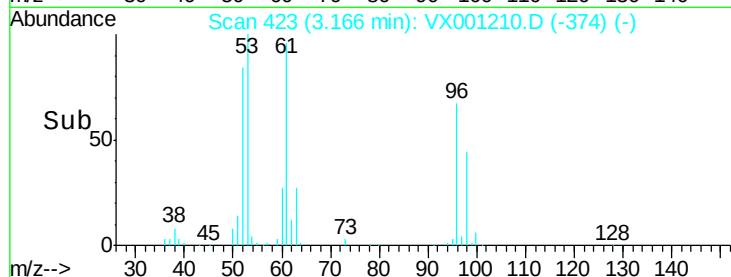
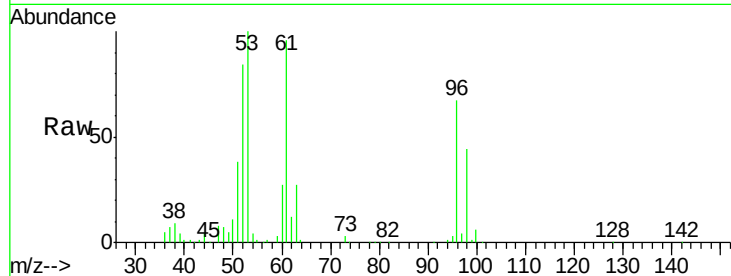
ClientSampleId :

VX0428WBSD01

Tot Ion:	96	Resp:	42313
Ion	Ratio	Lower	Upper
96	100		
61	142.0	111.9	167.9
98	65.3	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.94 ug/l

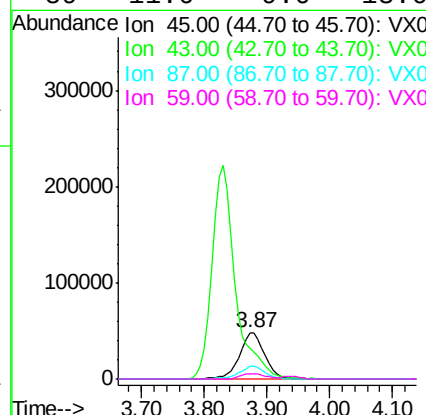
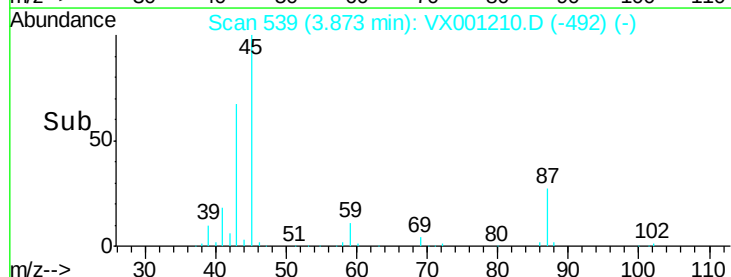
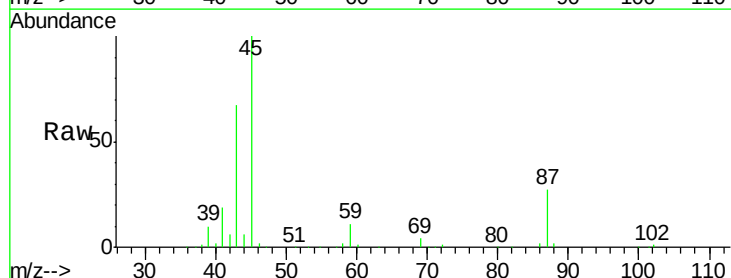
RT: 3.87 min Scan# 539

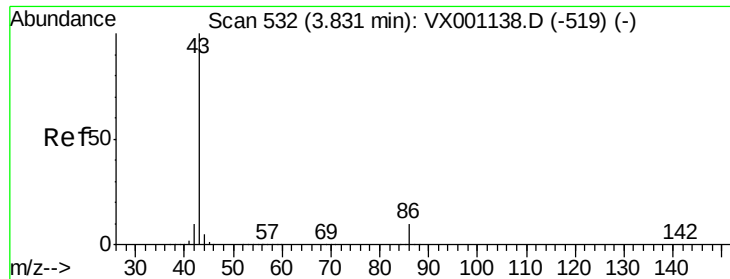
Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	45	Resp:	133091
Ion	Ratio	Lower	Upper
45	100		
43	66.8	45.0	67.4
87	27.3	22.8	34.2
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 91.33 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 43 Resp: 574698

Ion Ratio Lower Upper

43 100

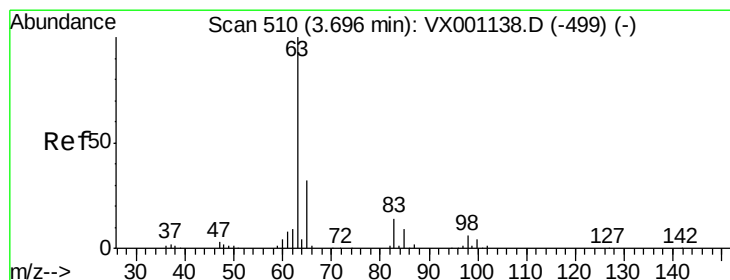
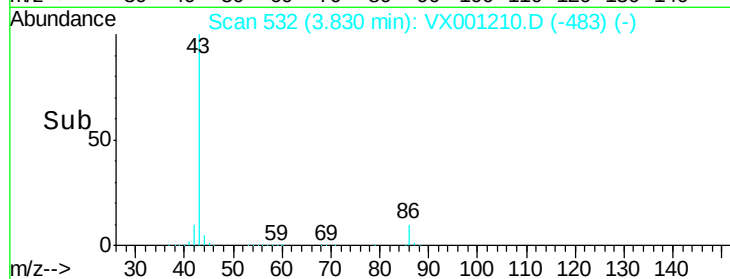
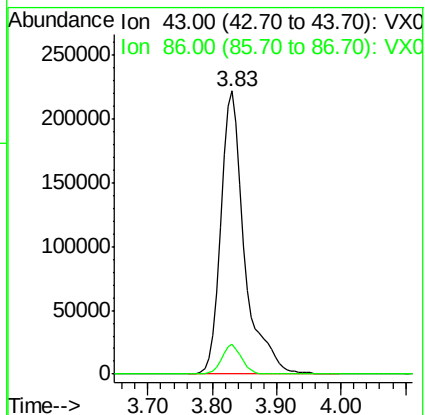
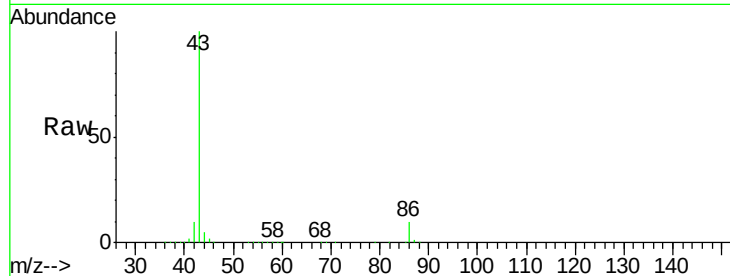
86 10.4 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

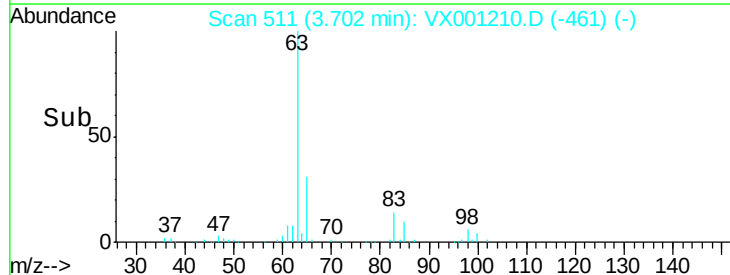
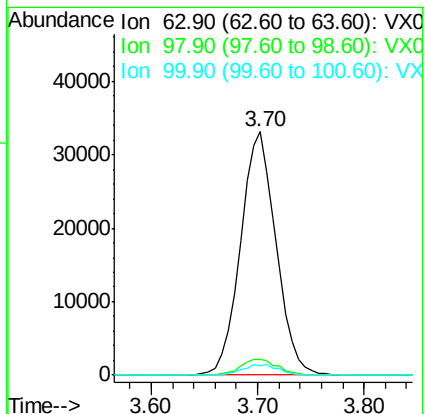
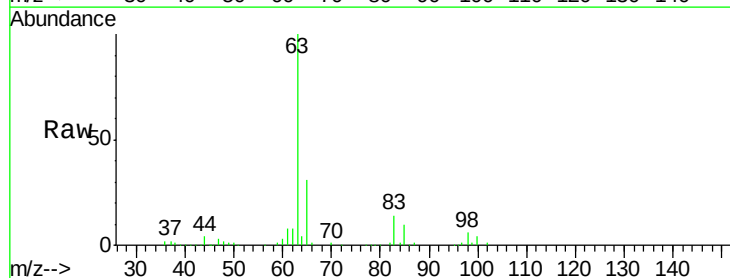
Tgt Ion: 63 Resp: 77440

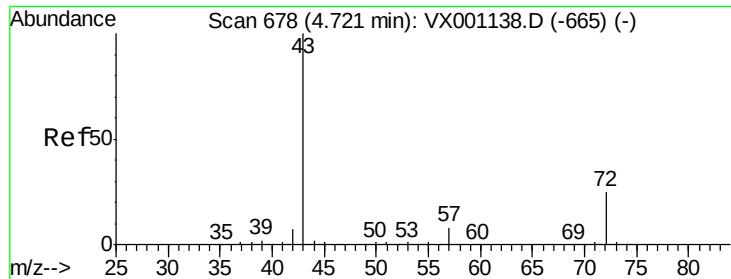
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 84.32 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tot Ion: 43 Resp: 161617

Ion Ratio Lower Upper

43 100

72 25.4 20.0 30.0

Instrument :

MSVOA_X

ClientSampleId :

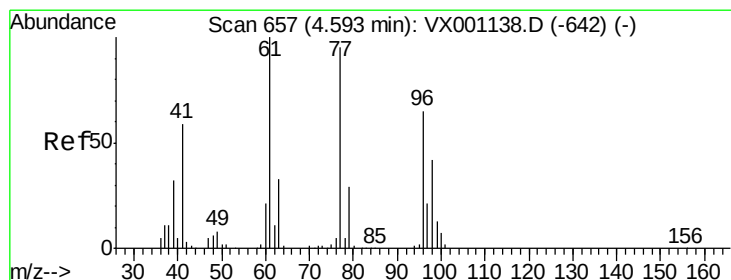
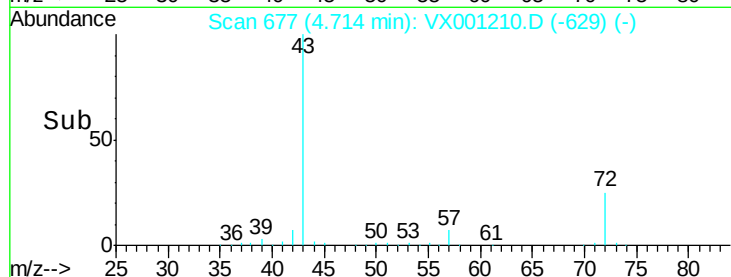
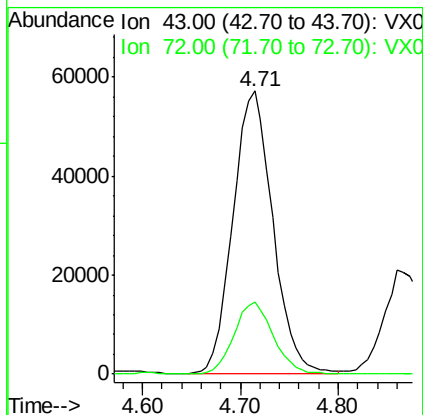
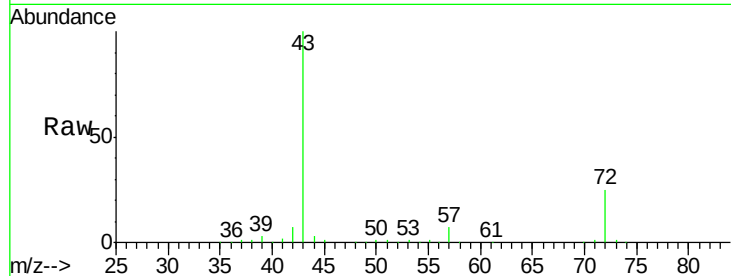
VX0428WBSD01

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#26

2,2-Dichloropropane

Concen: 18.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001210.D

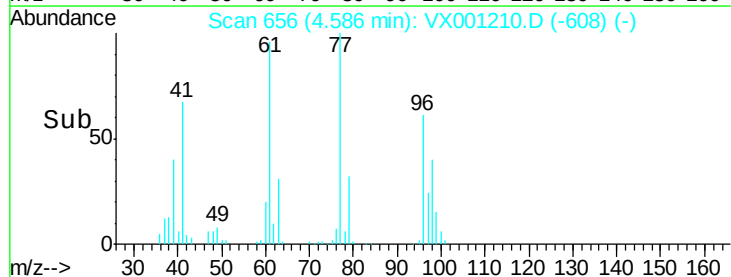
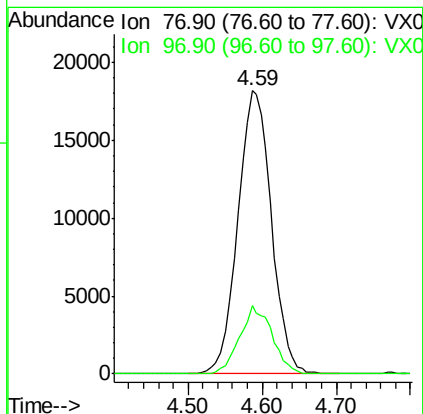
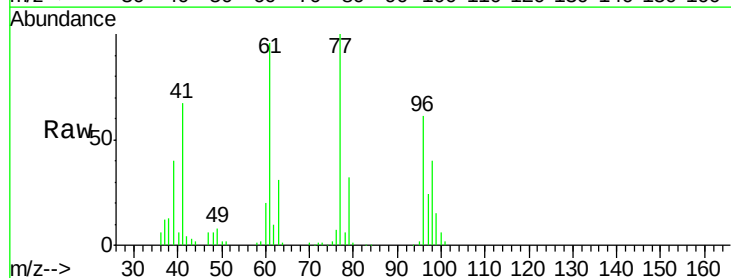
Acq: 28 Apr 2018 13:48

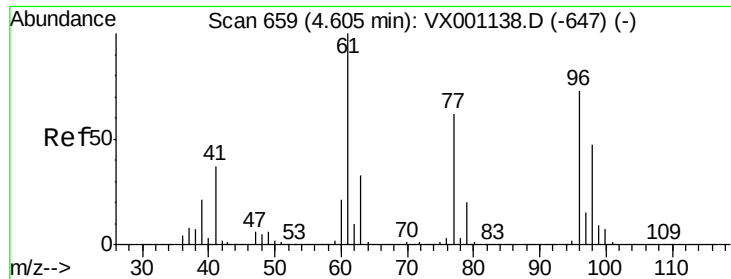
Tgt Ion: 77 Resp: 57241

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tot Ion:	96	Resp:	47332
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	289.0
98	64.3	0.0	128.2

Instrument :

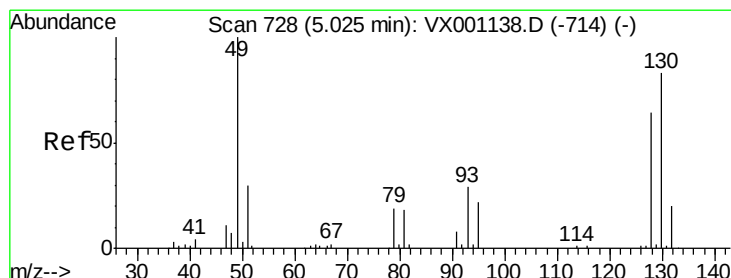
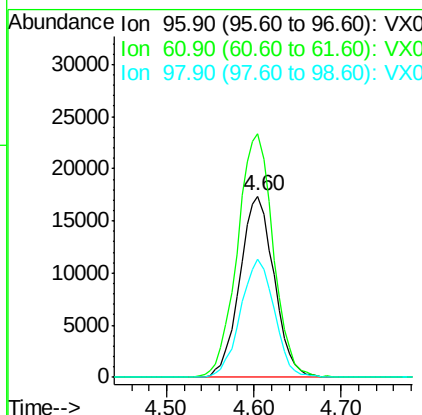
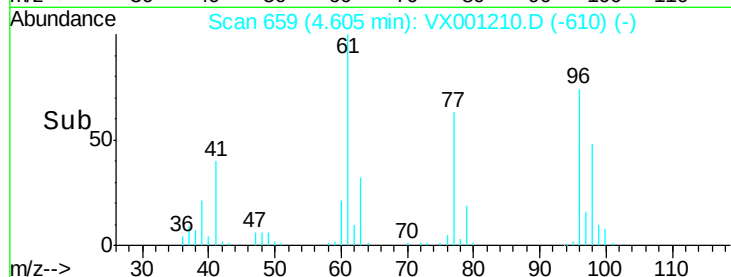
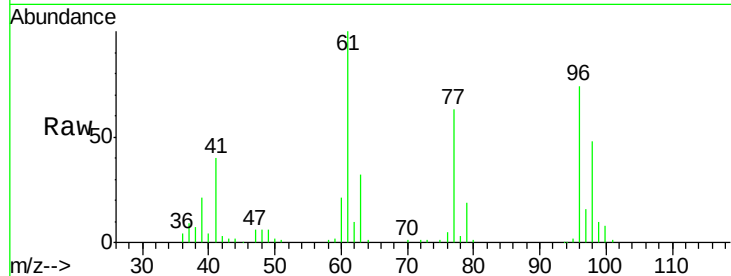
MSVOA_X

ClientSampleId :

VX0428WBSD01

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#28

Bromochloromethane

Concen: 20.79 ug/l

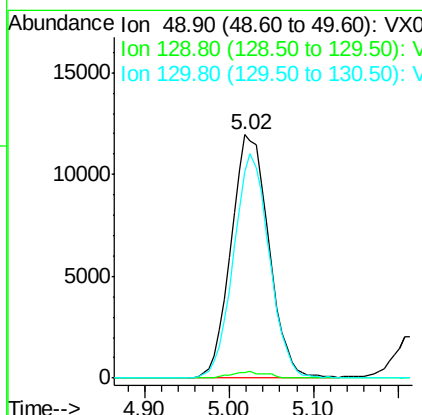
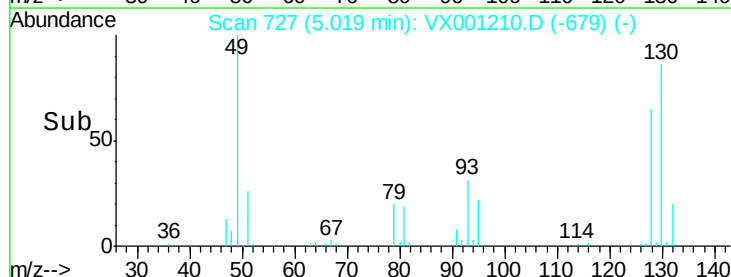
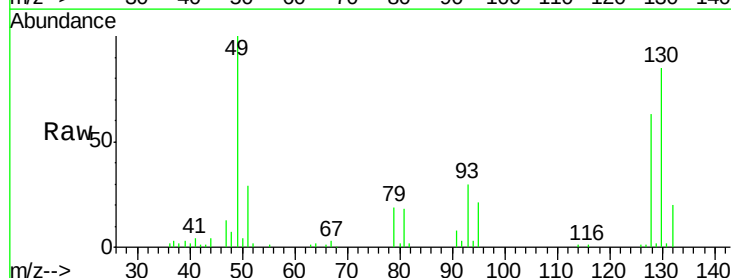
RT: 5.02 min Scan# 727

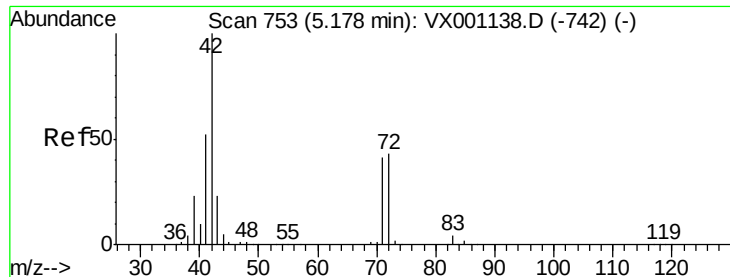
Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	49	Resp:	36338
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.1	68.2	102.2





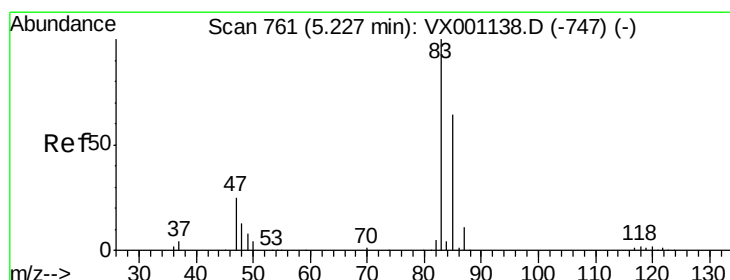
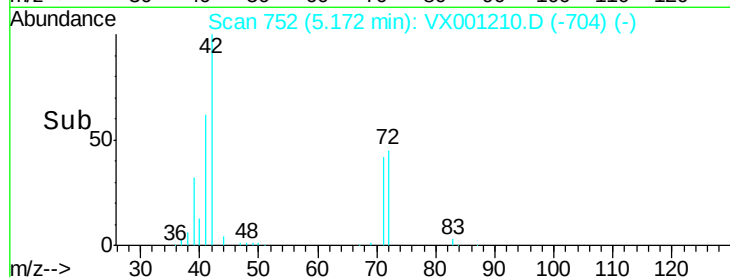
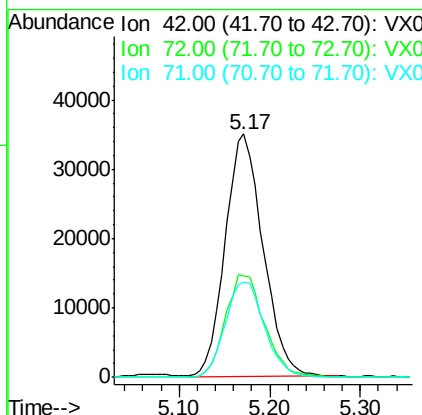
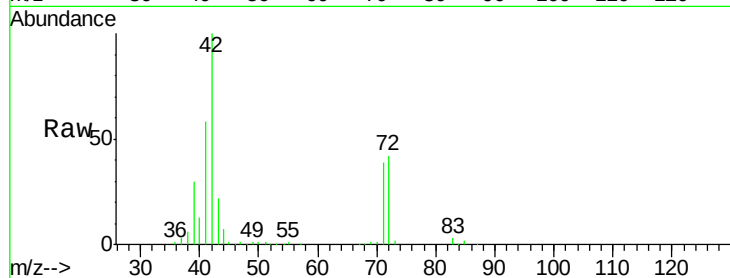
#29
Tetrahydrofuran
Concen: 82.29 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.4	51.6
71	41.1	32.1	48.1

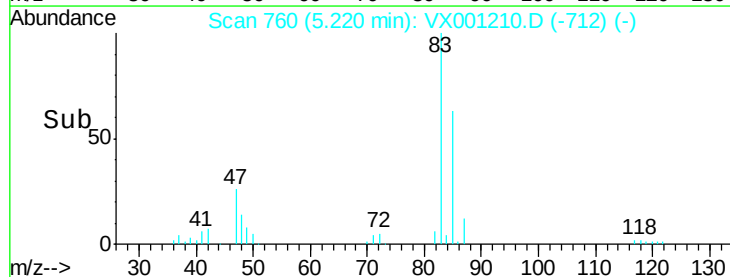
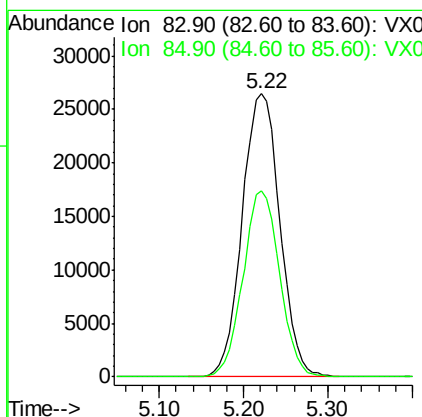
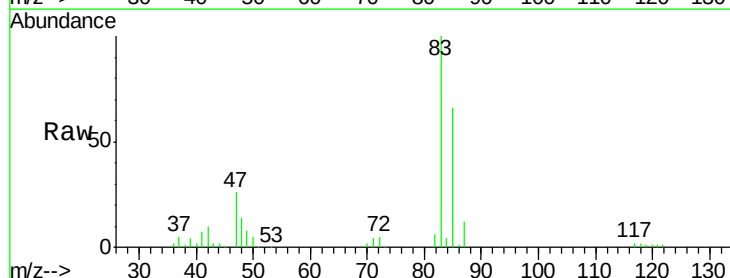
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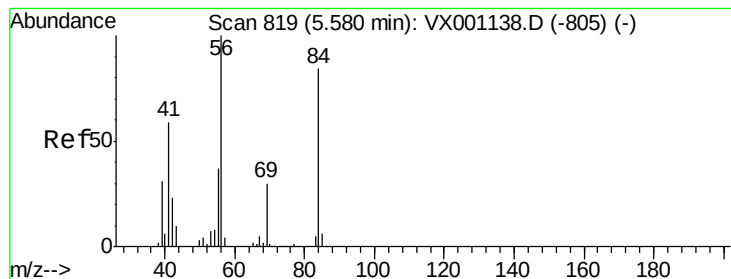
apatel
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#30
Chloroform
Concen: 19.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.0





#31

Cyclohexane

Concen: 19.86 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

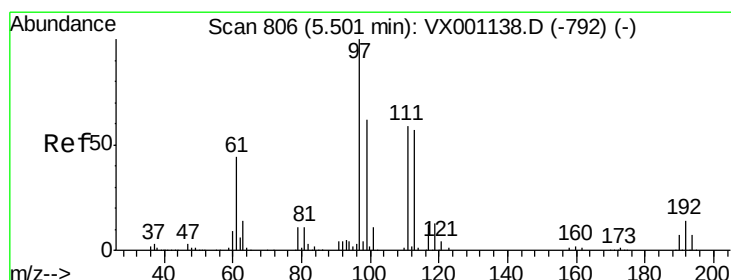
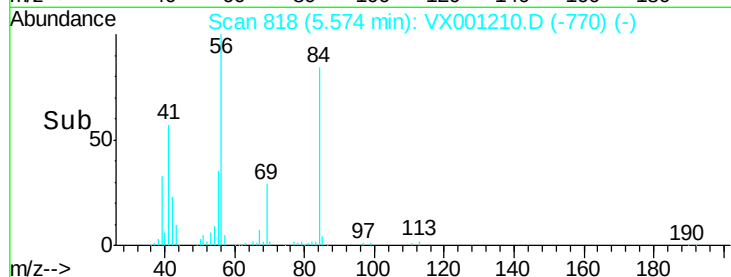
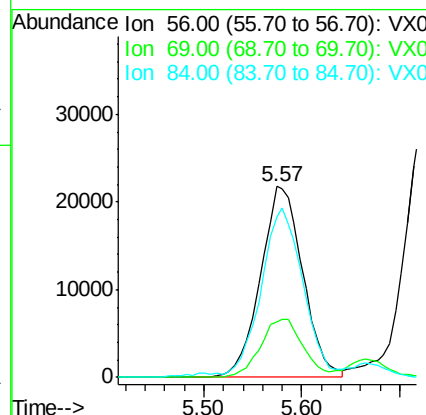
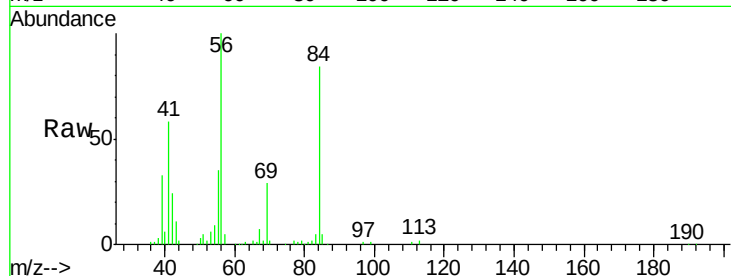
ClientSampled :

VX0428WBSD01

Tot Ion:	56	Resp:	65792
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.2	36.2
84	83.0	67.5	101.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.24 ug/l

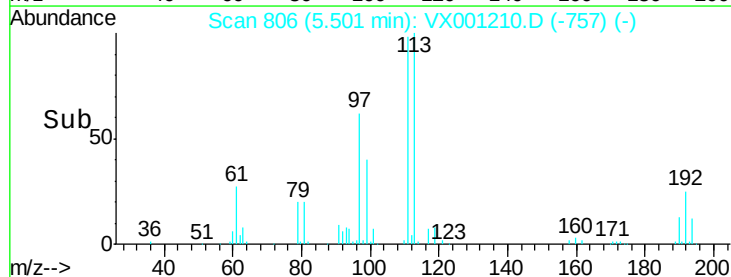
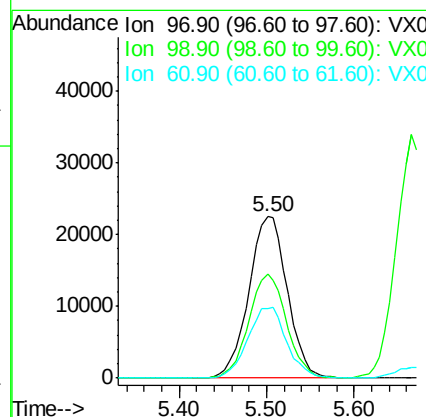
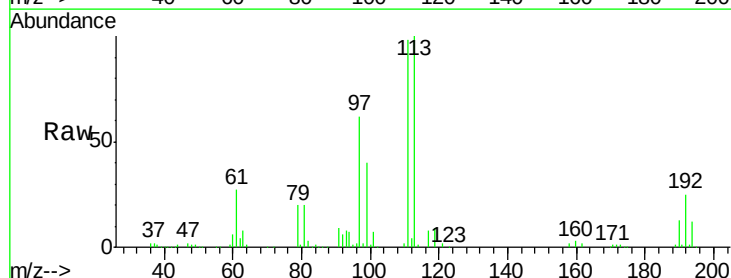
RT: 5.50 min Scan# 806

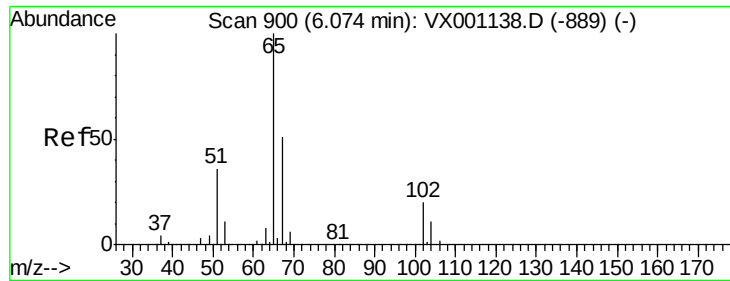
Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	97	Resp:	68853
Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.9	76.3
61	44.3	35.0	52.6





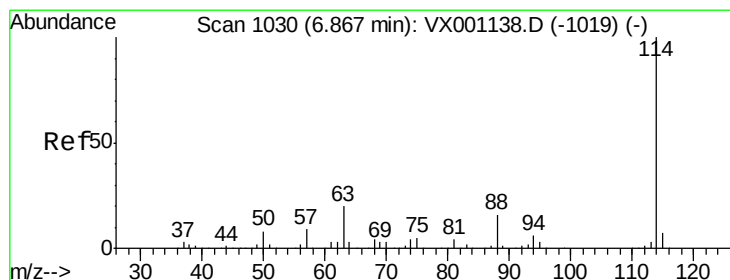
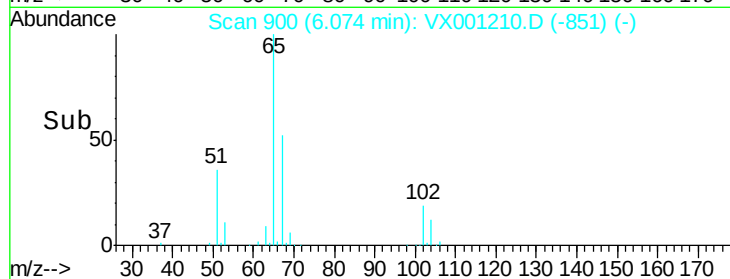
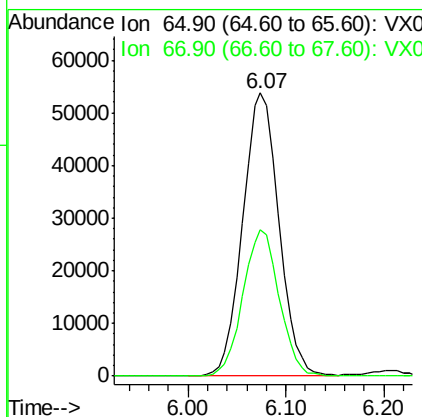
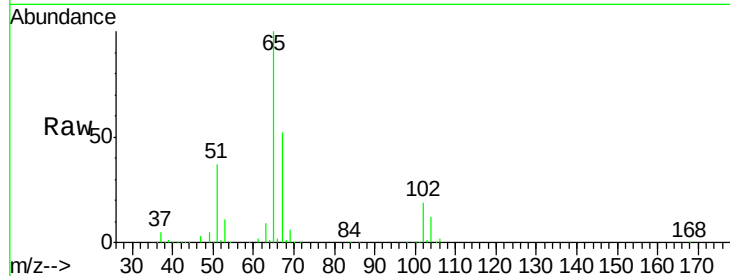
#33
 1,2-Dichloroethane-d4
 Concen: 44.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

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

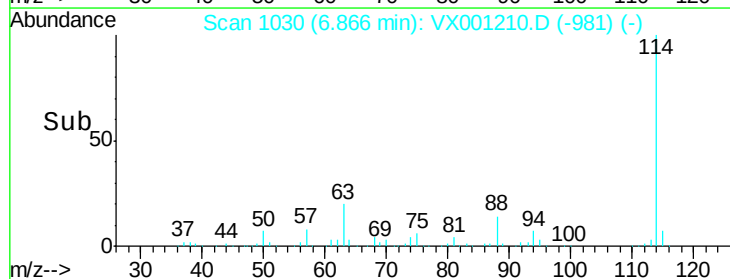
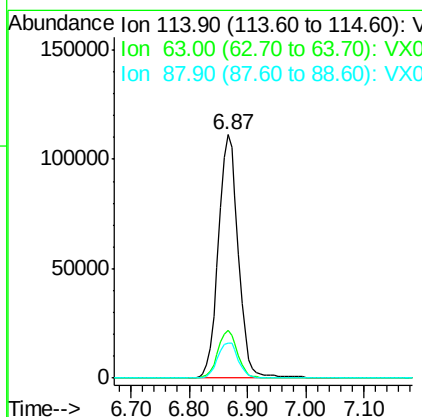
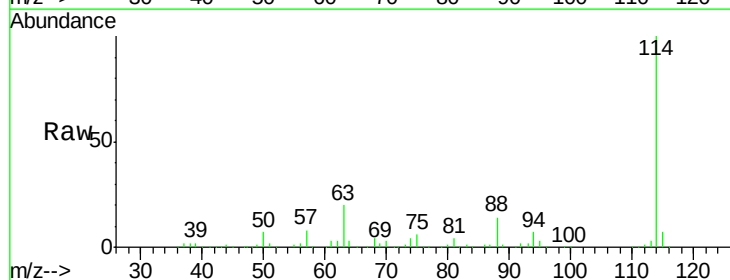
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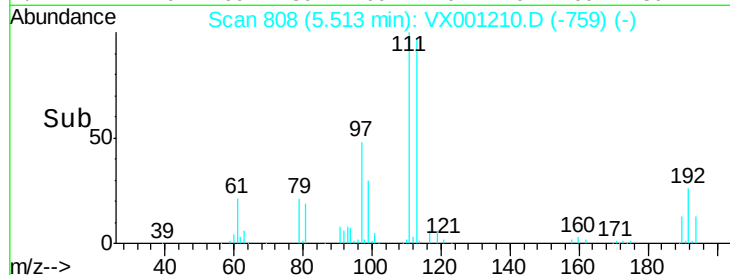
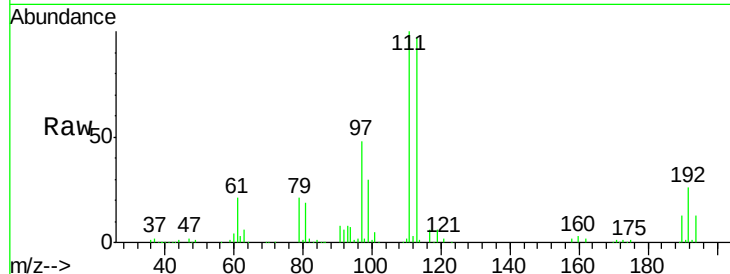
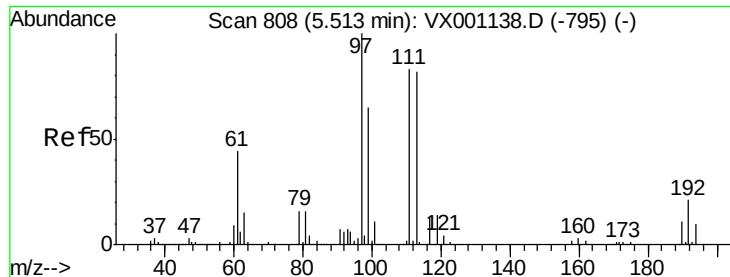
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	40.4	
88	14.5	0.0	31.8	





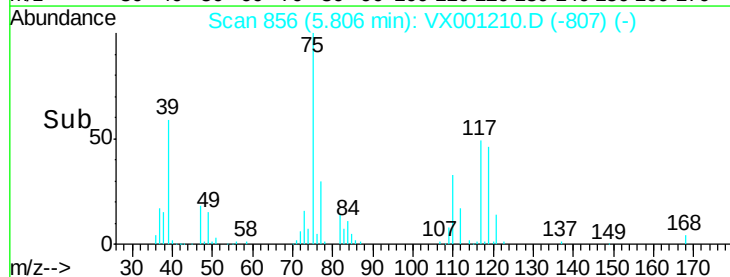
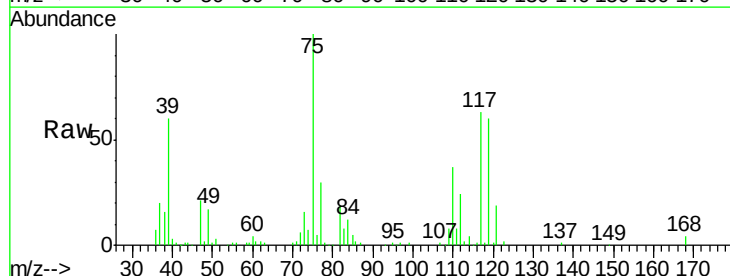
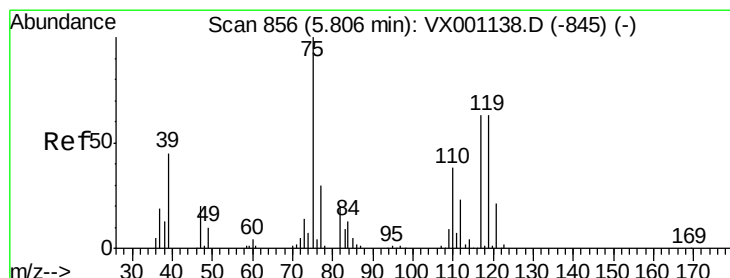
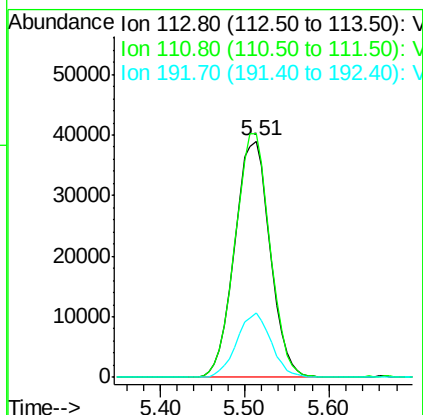
#35
Dibromofluoromethane
Concen: 50.96 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111081		
111	101.5	82.2	123.4	
192	26.2	20.6	30.8	

Instrument :
MSVOA_X
ClientSampled :
VX0428WBSD01

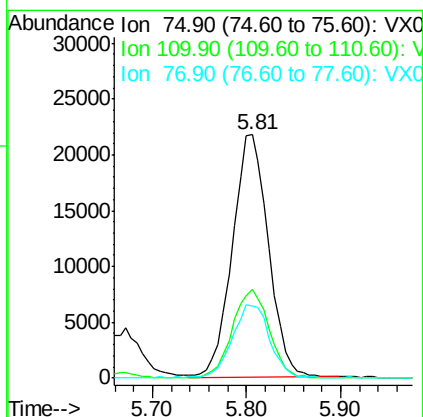
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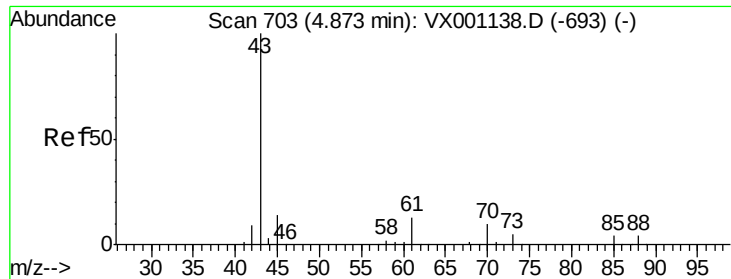
apatel
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#36
1,1-Dichloropropene
Concen: 20.00 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58045		
110	37.3	19.0	57.0	
77	31.3	24.8	37.2	





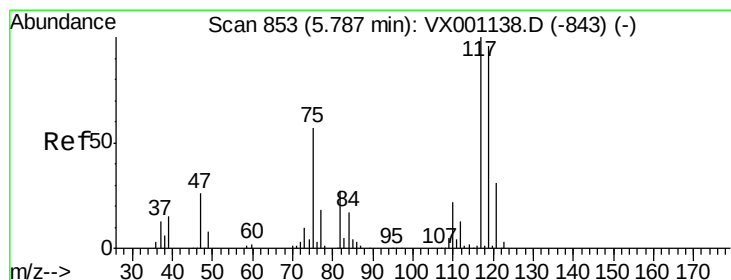
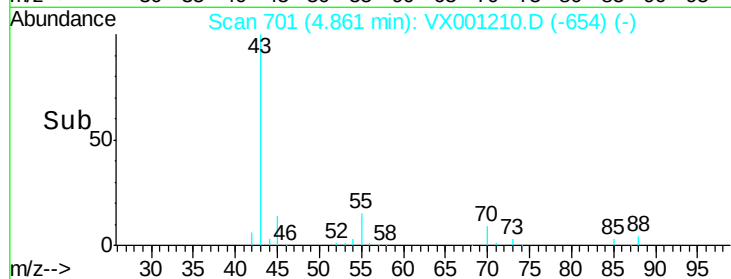
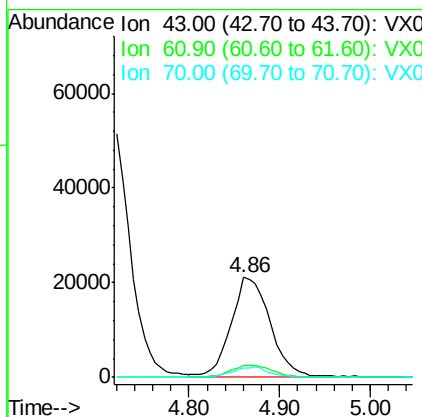
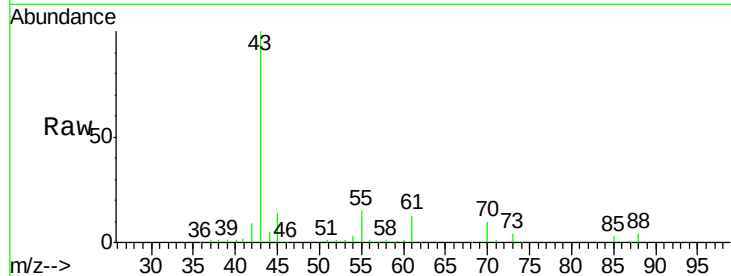
#37
Ethyl Acetate
Concen: 17.82 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion:	43	Resp:	61933
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.6
70	9.9	8.2	12.2

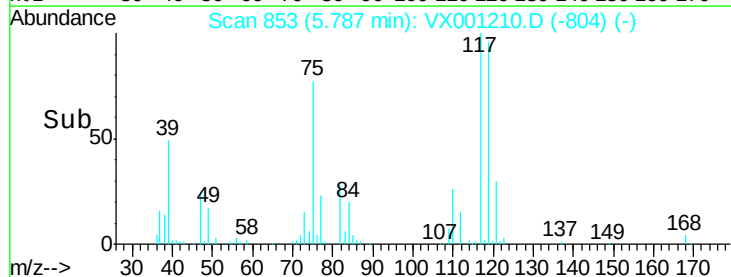
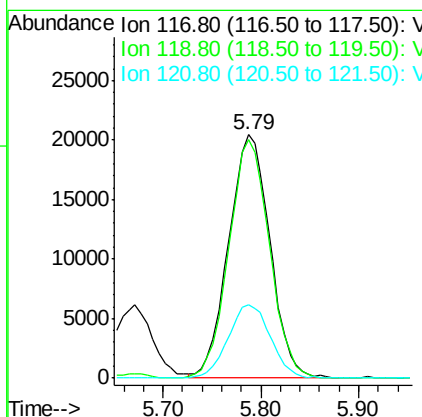
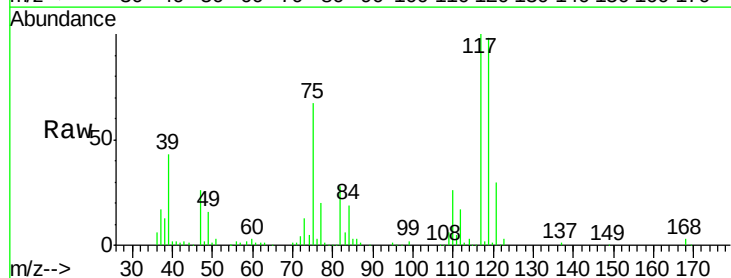
Manual Integrations
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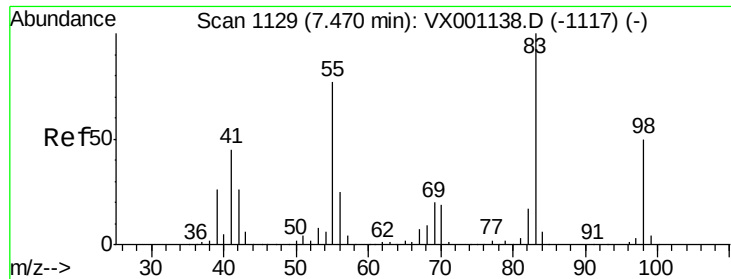
apatel
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#38
Carbon Tetrachloride
Concen: 19.99 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:	117	Resp:	59478
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.5	114.7
121	30.4	24.6	37.0





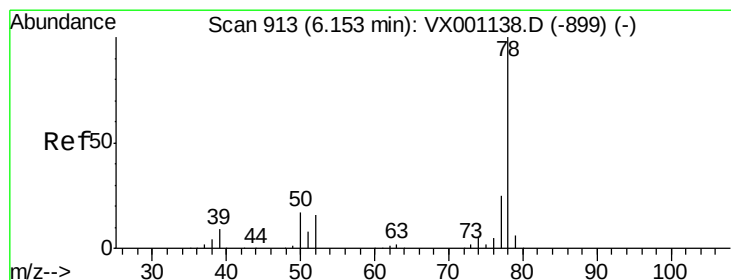
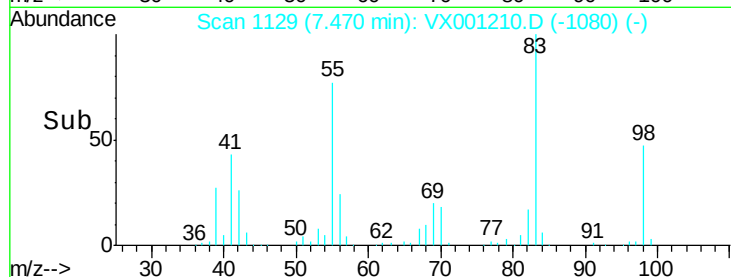
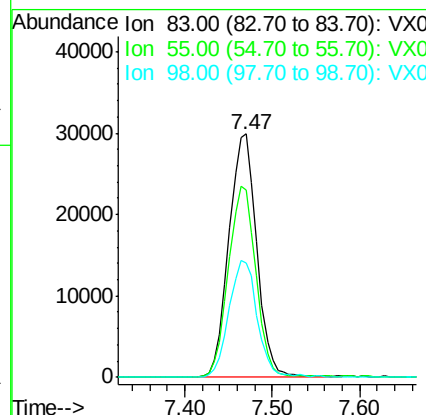
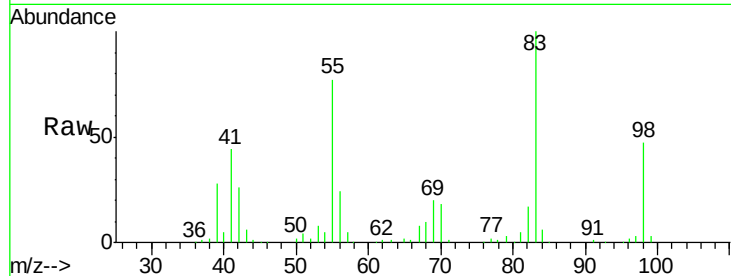
#39
Methylvlcyclohexane
Concen: 20.81 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.8	92.6
98	46.7	40.0	60.0

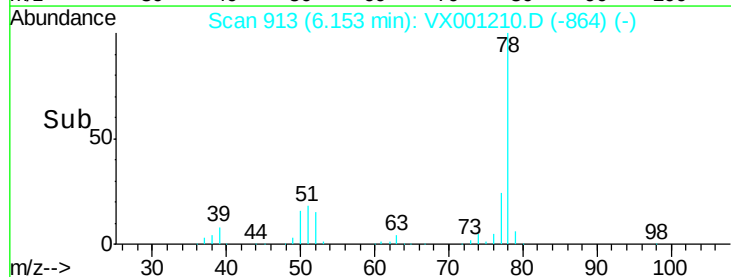
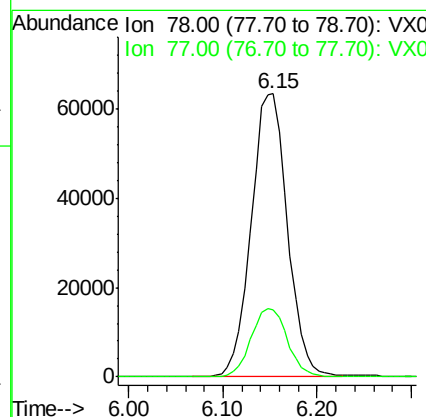
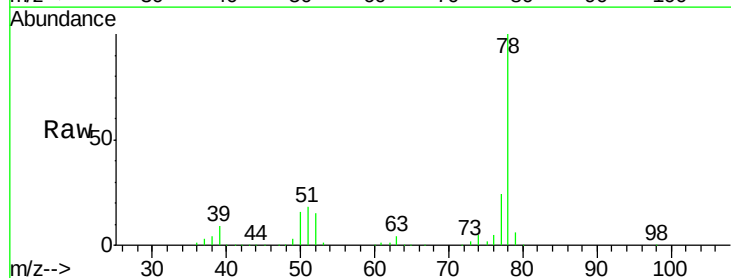
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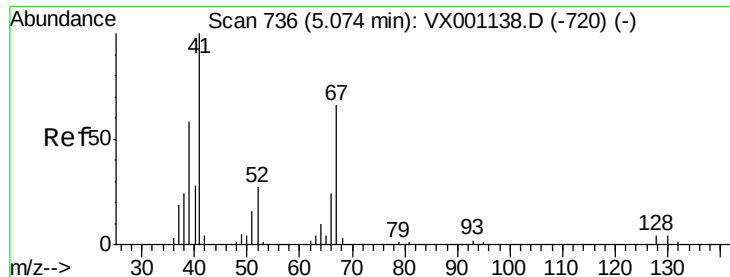
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#40
Benzene
Concen: 20.28 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





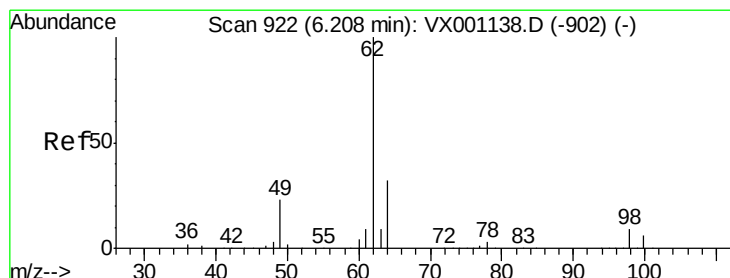
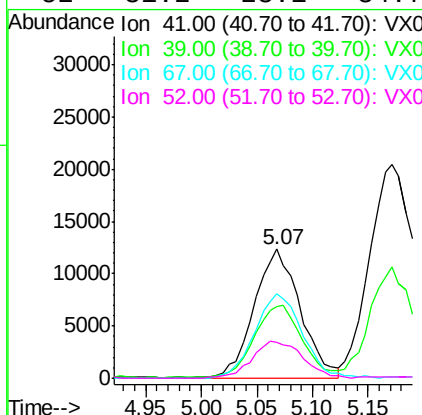
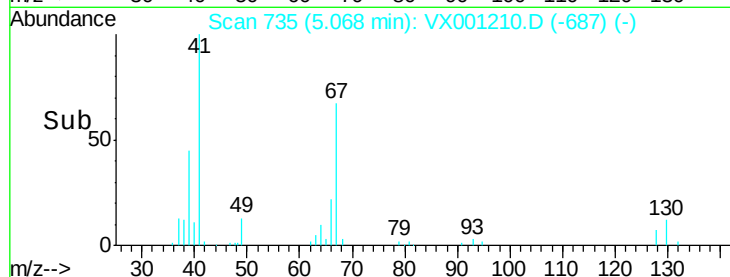
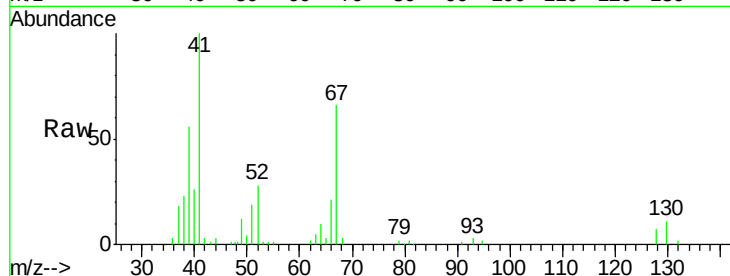
#41
Methacrylonitrile
Concen: 18.34 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	45.9	68.9	
67	67.4	53.2	79.8	
52	31.2	23.1	34.7	

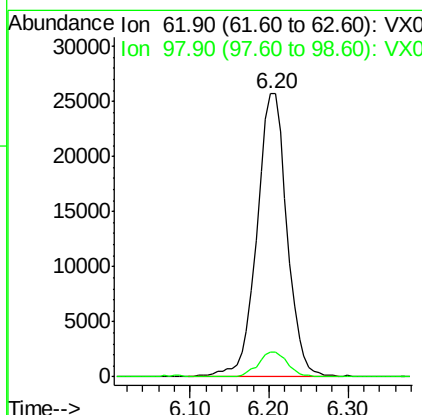
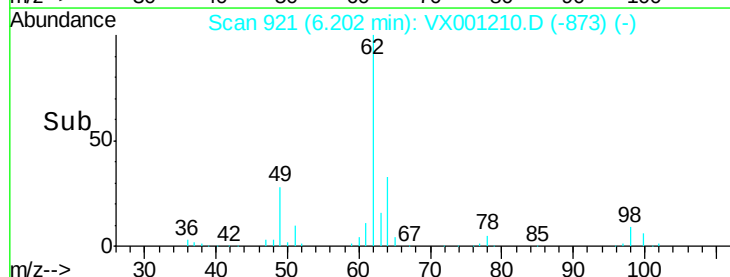
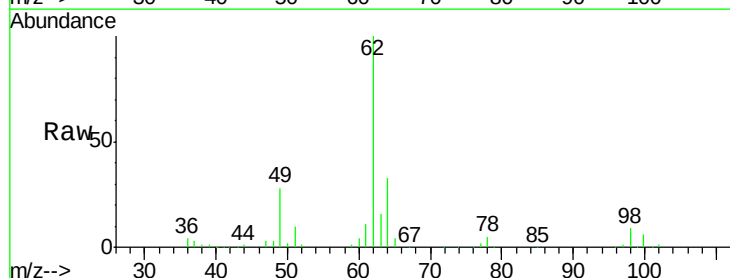
Manual Integrations
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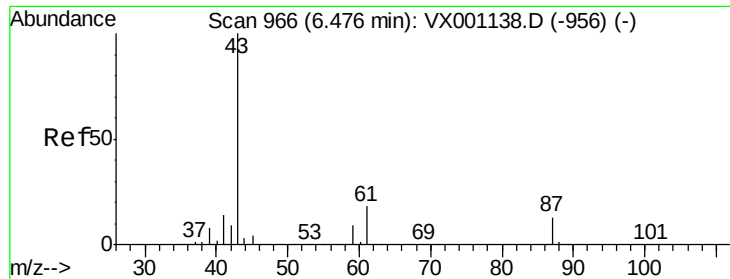
apatel
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#42
1,2-Dichloroethane
Concen: 20.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.0	





#43

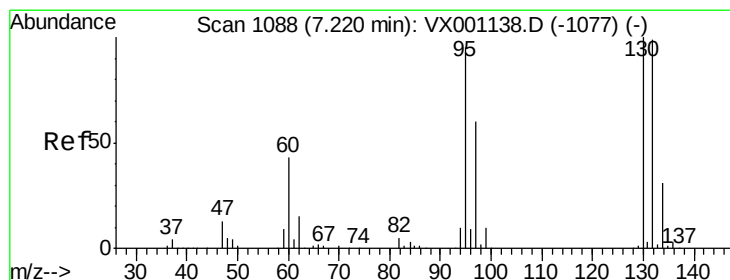
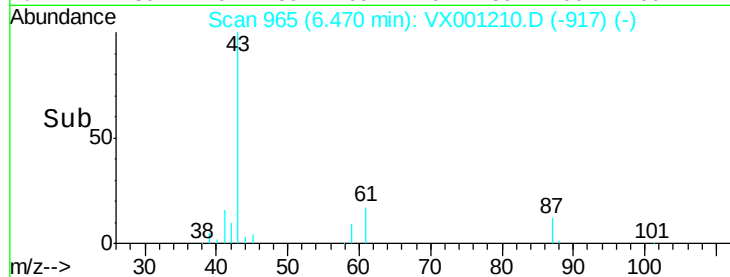
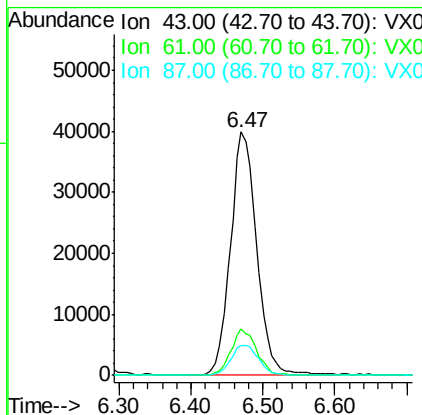
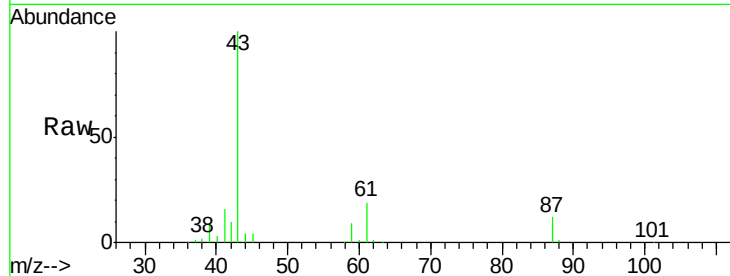
Isopropyl Acetate
 Concen: 18.44 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion:	43	Resp:	100656
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	13.2	10.3	15.5

Manual Integrations
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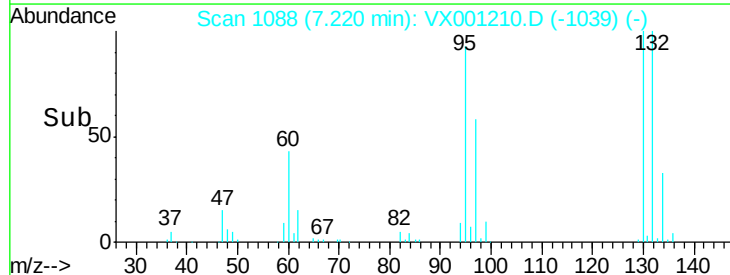
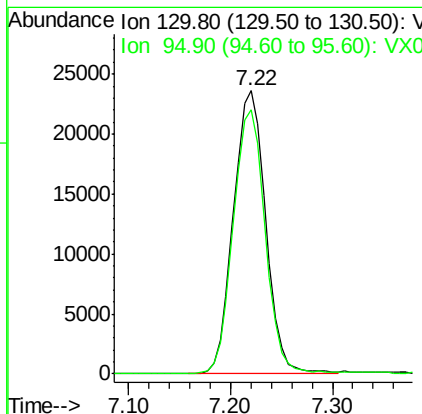
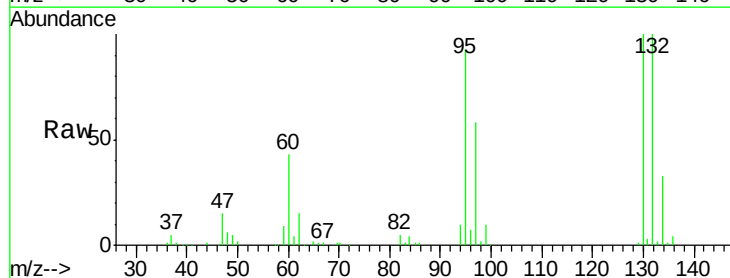
apatel
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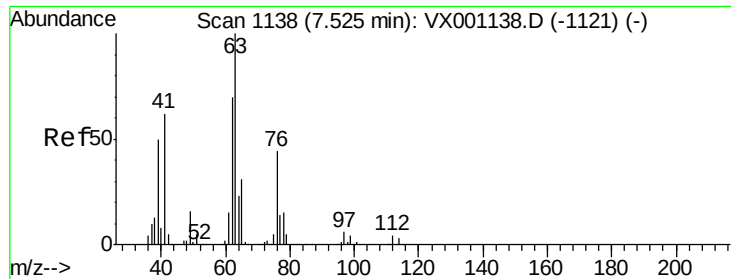


#44

Trichloroethene
 Concen: 20.69 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion:	130	Resp:	51743
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	189.6





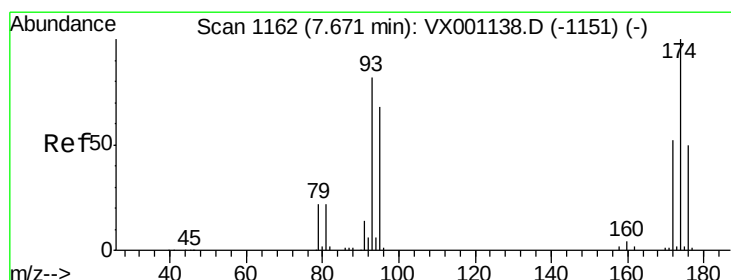
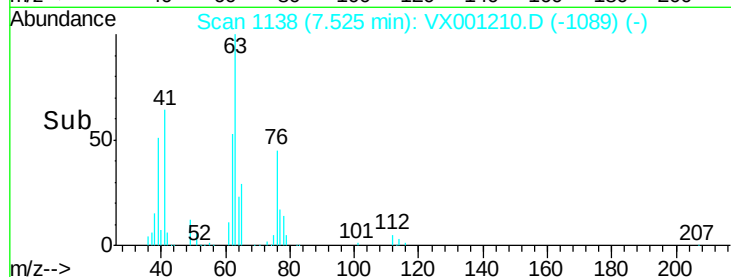
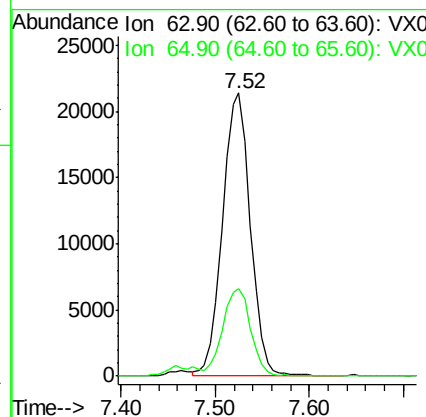
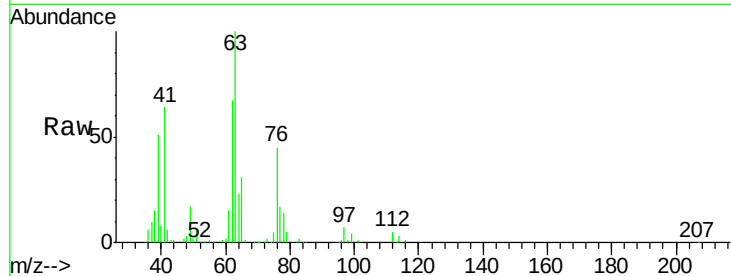
#45
 1,2-Dichloropropane
 Concen: 19.86 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion: 63 Resp: 43850
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3

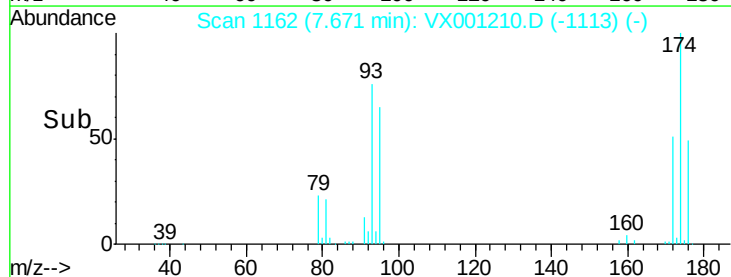
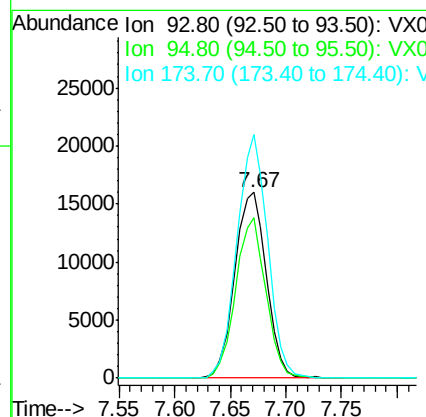
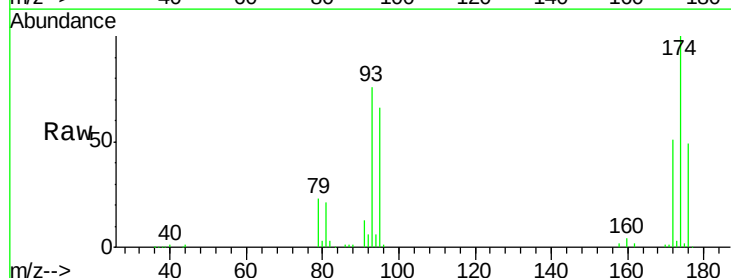
Manual Integrations
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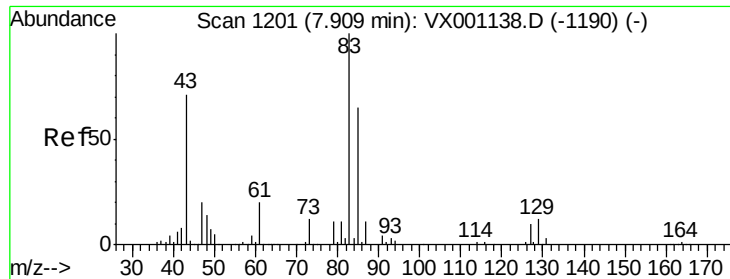
apatel
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#46
 Dibromomethane
 Concen: 20.54 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 93 Resp: 31405
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 127.4 99.6 149.4





#47

Bromodichloromethane

Concen: 19.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

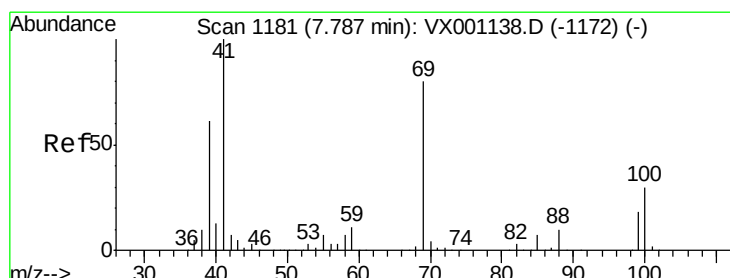
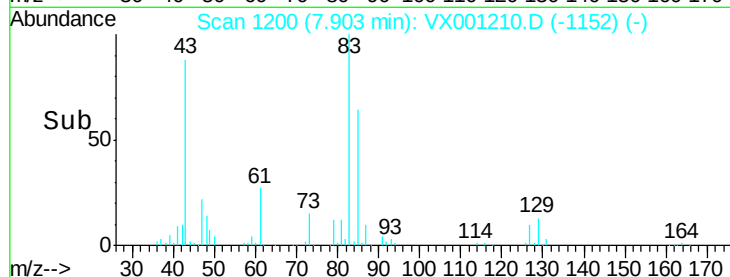
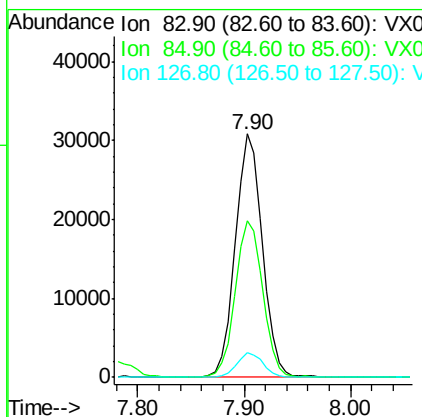
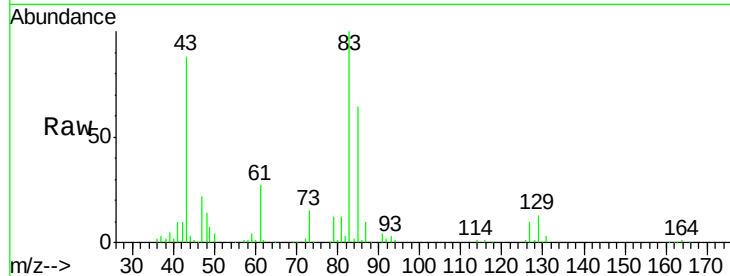
ClientSampleId :

VX0428WBSD01

Tot Ion:	83	Resp:	55213
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	10.3	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.38 ug/l

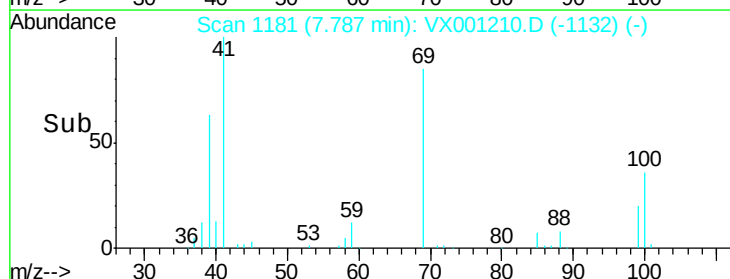
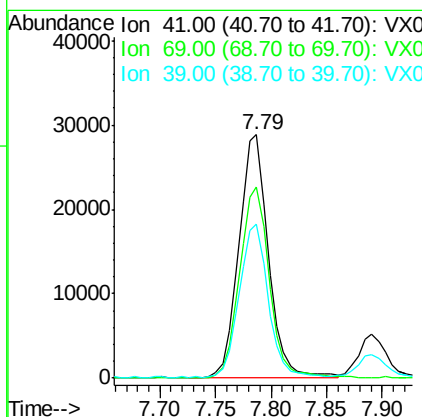
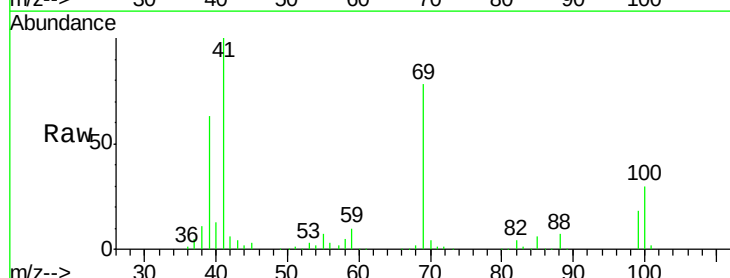
RT: 7.79 min Scan# 1181

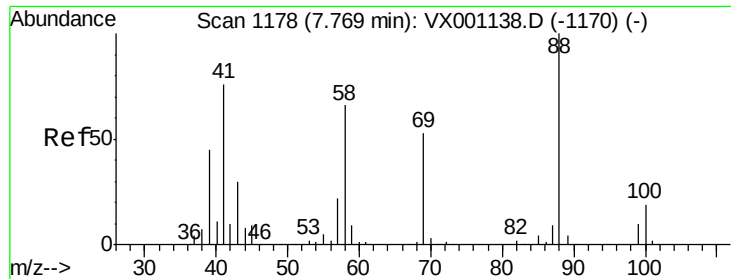
Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	41	Resp:	53330
Ion	Ratio	Lower	Upper
41	100		
69	78.2	62.4	93.6
39	61.9	48.7	73.1





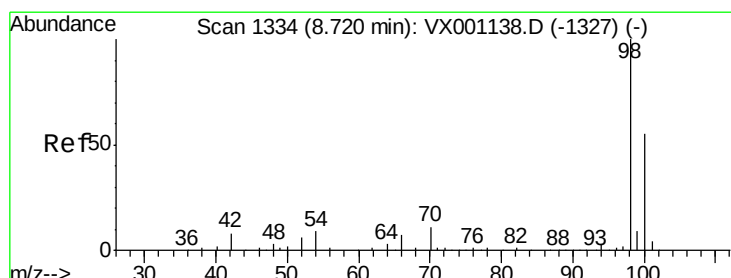
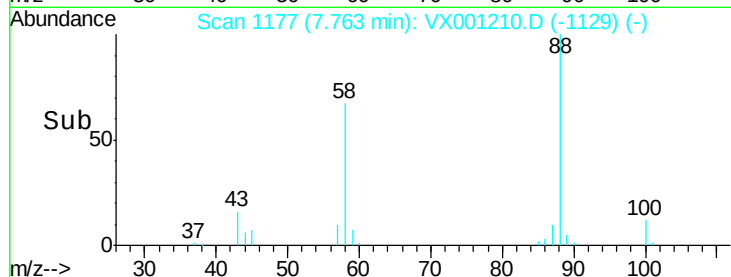
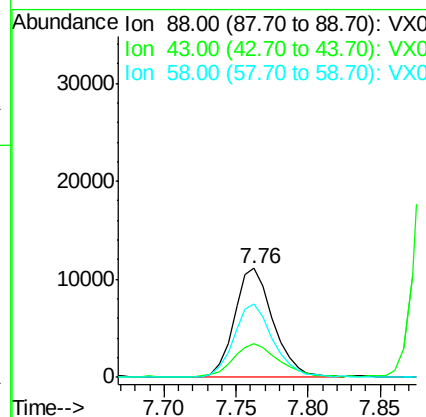
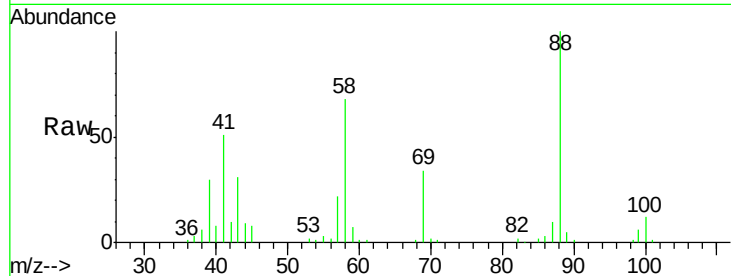
#49
 1,4-Dioxane
 Concen: 360.29 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.3	40.9
58	69.3	54.2	81.4

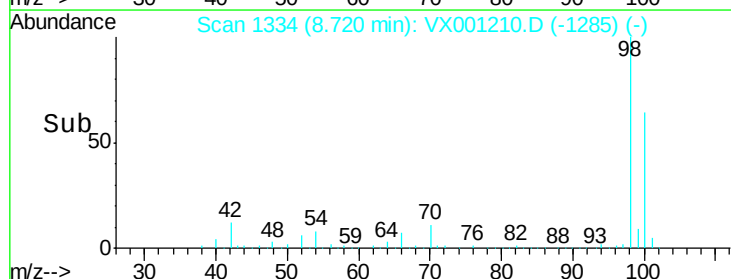
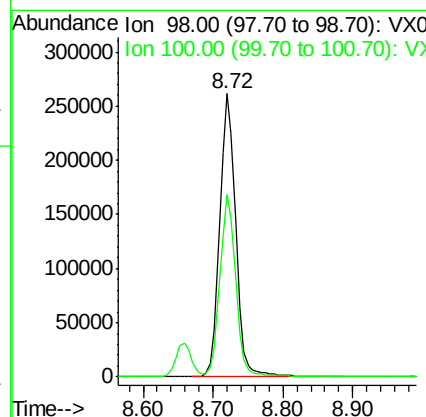
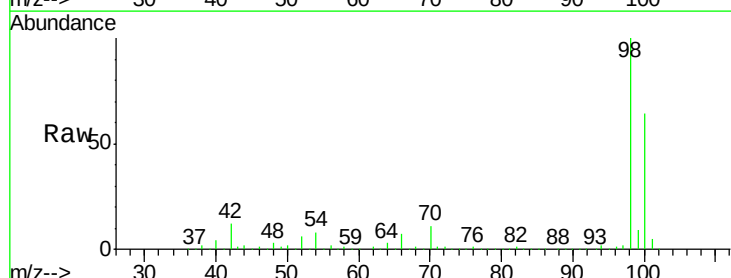
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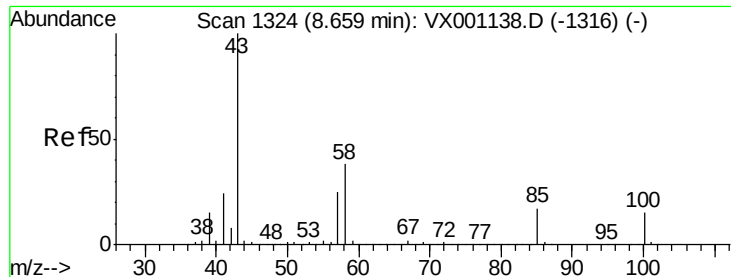
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#50
 Toluene-d8
 Concen: 50.62 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 92.82 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 43 Resp: 332823

Ion Ratio Lower Upper

43 100

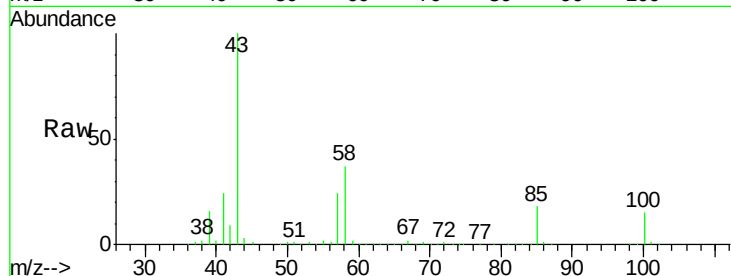
58 36.0 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

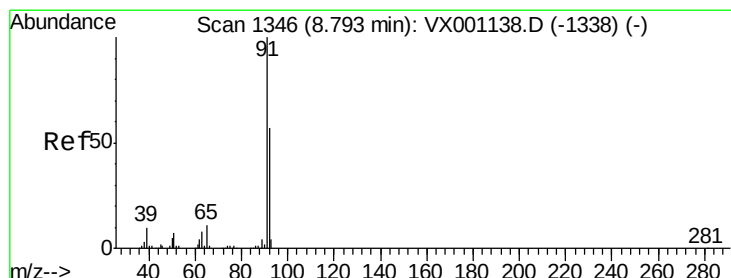
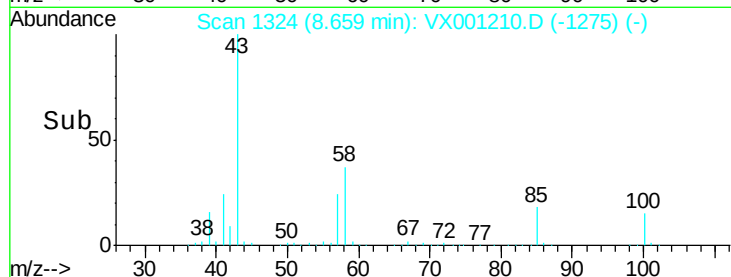
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.73 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001210.D

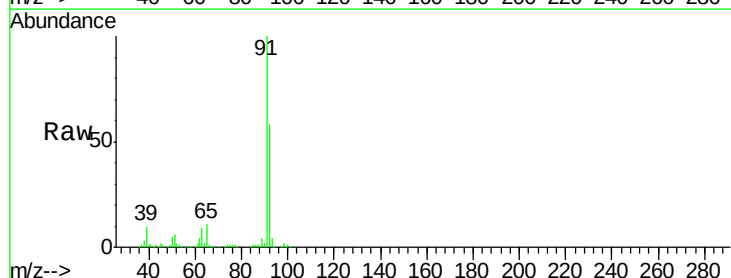
Acq: 28 Apr 2018 13:48

Tgt Ion: 92 Resp: 113818

Ion Ratio Lower Upper

92 100

91 176.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

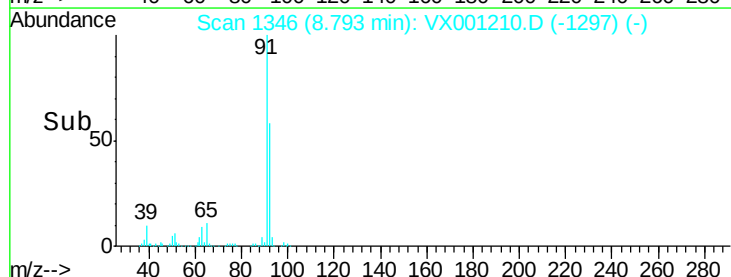
8.79

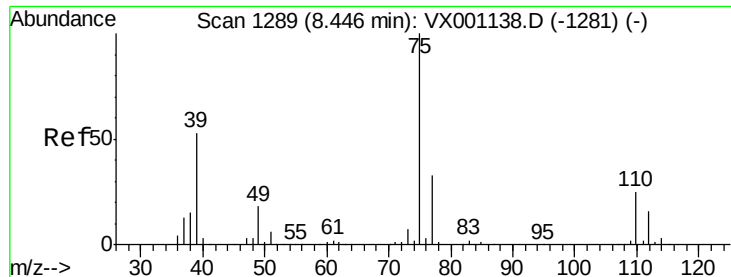
100000

50000

0

Time-->





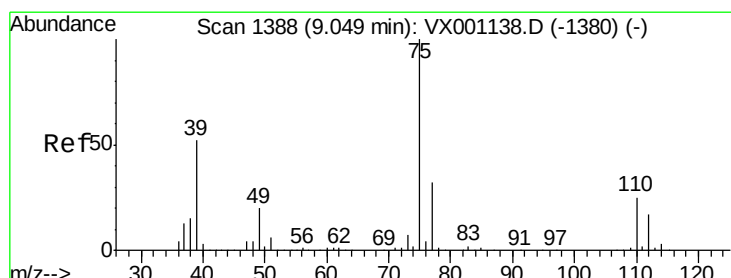
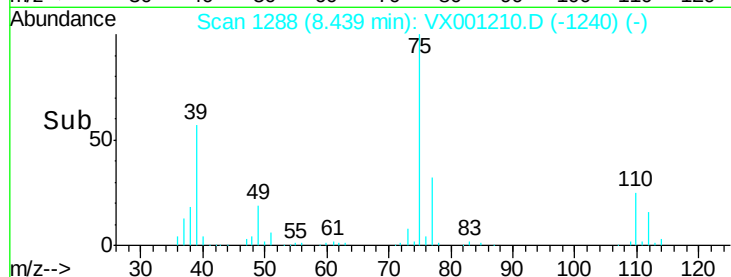
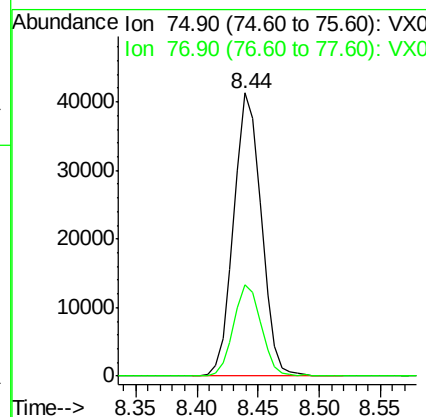
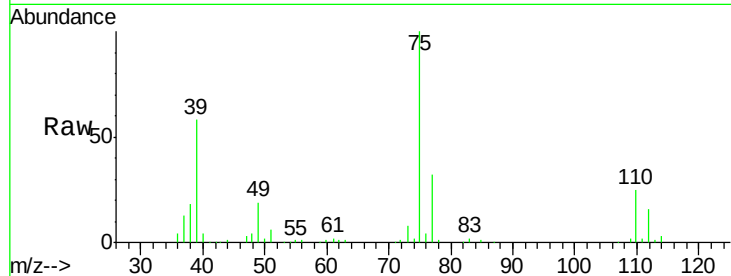
#53
t-1,3-Dichloropropene
Concen: 19.93 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion: 75 Resp: 64360
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4

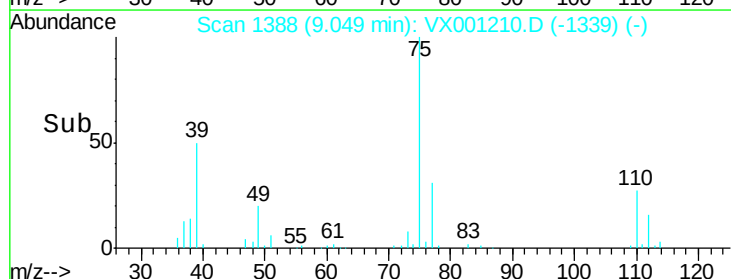
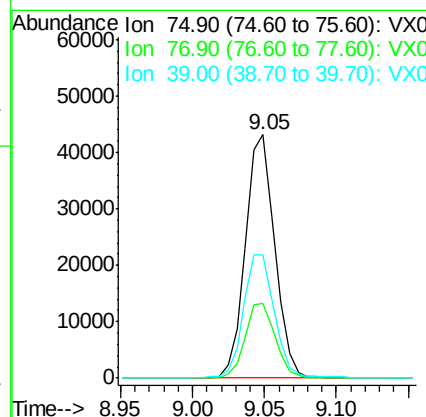
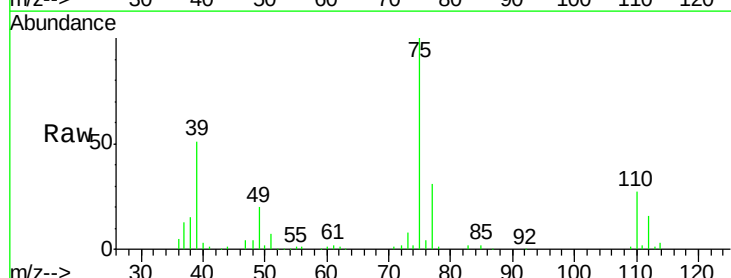
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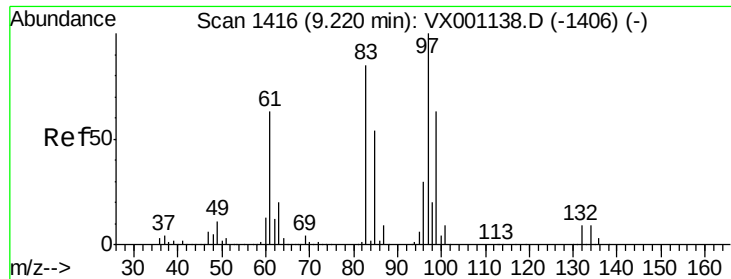
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#54
cis-1,3-Dichloropropene
Concen: 19.48 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 75 Resp: 61017
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 50.4 42.0 63.0





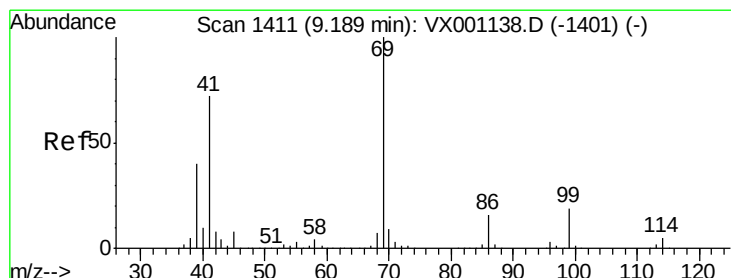
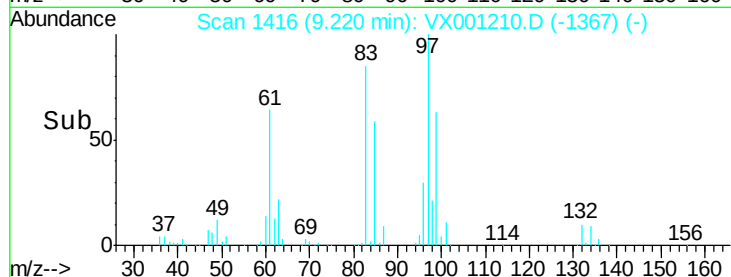
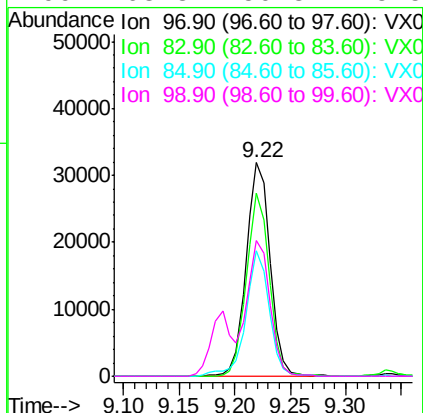
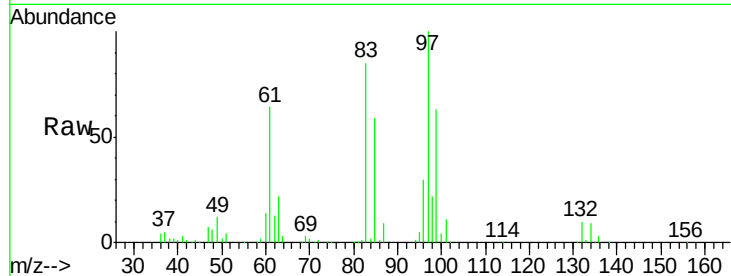
#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion:	97	Resp:	47602
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.0	102.0
85	58.6	42.9	64.3
99	63.3	50.3	75.5

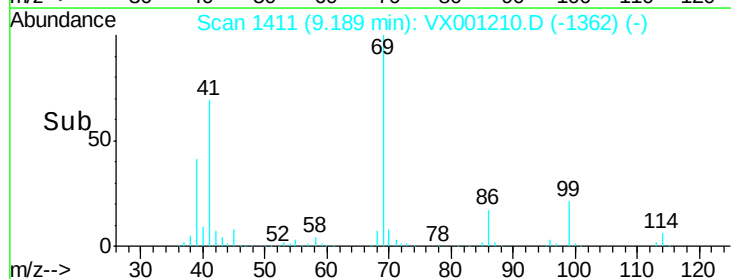
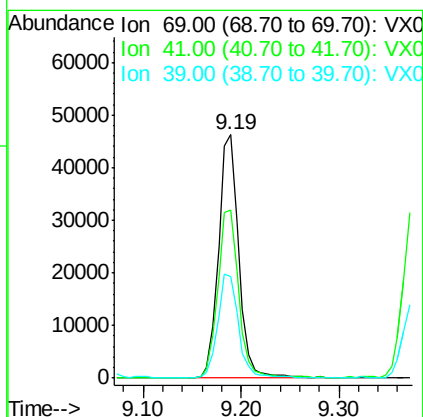
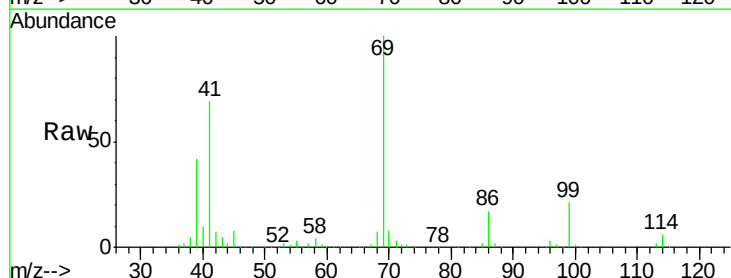
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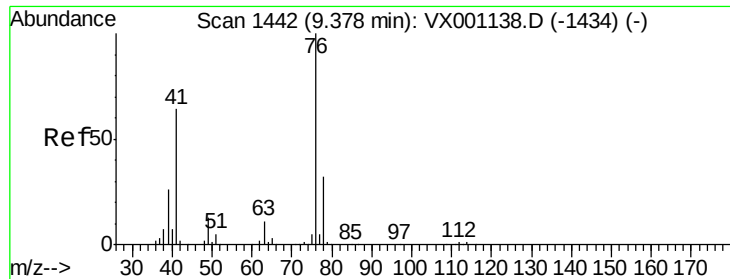
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#56
 Ethyl methacrylate
 Concen: 19.23 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion:	69	Resp:	66180
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.7	86.5
39	43.9	33.3	49.9





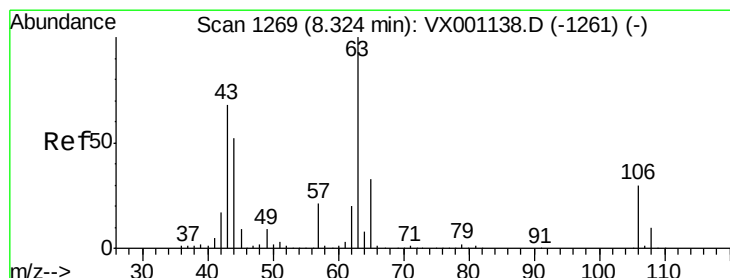
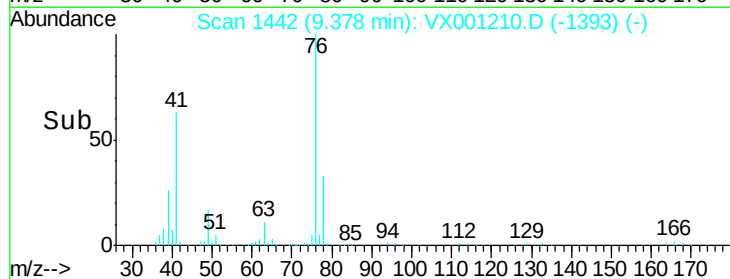
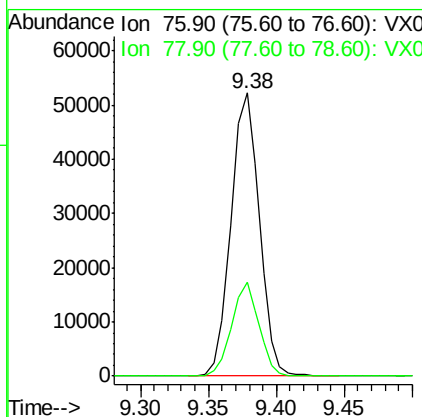
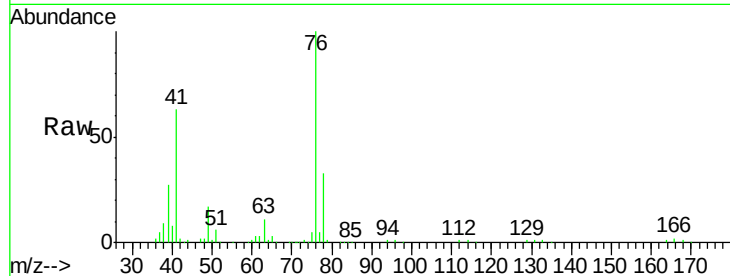
#57
 1,3-Dichloropropane
 Concen: 20.19 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion: 76 Resp: 75863
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

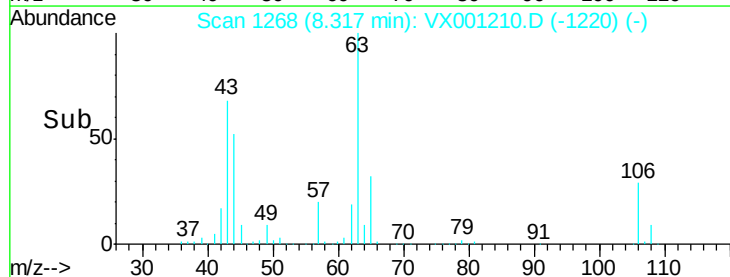
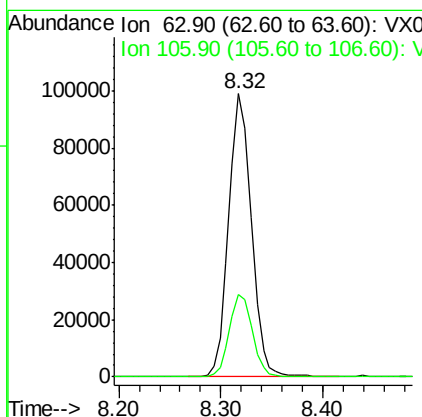
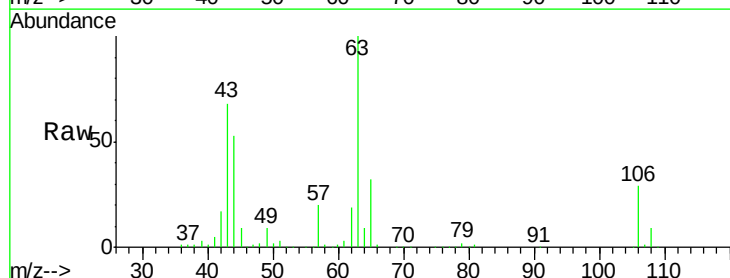
Manual Integrations
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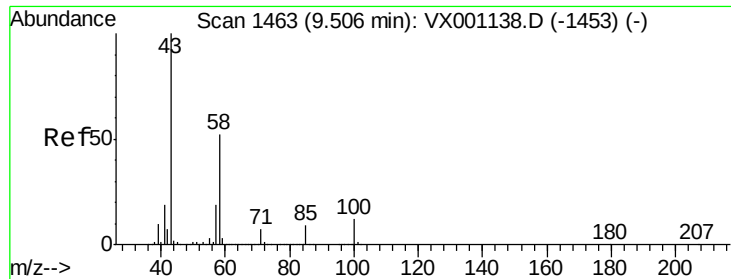
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.90 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion: 63 Resp: 152784
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.7 35.5





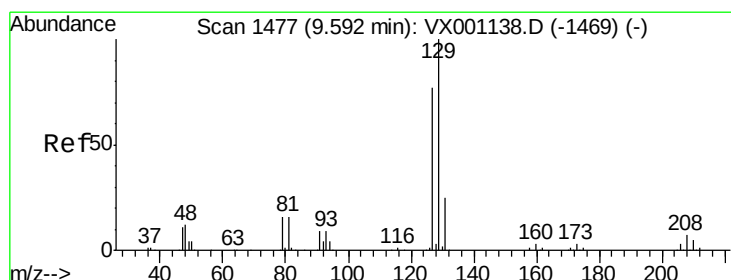
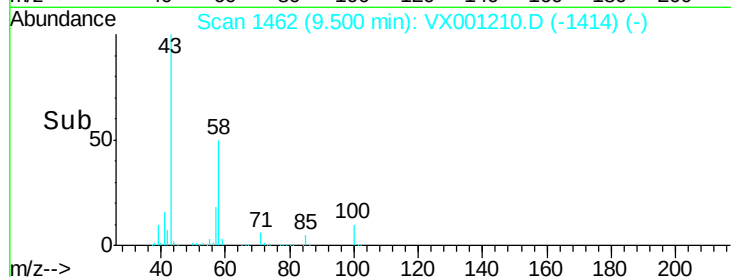
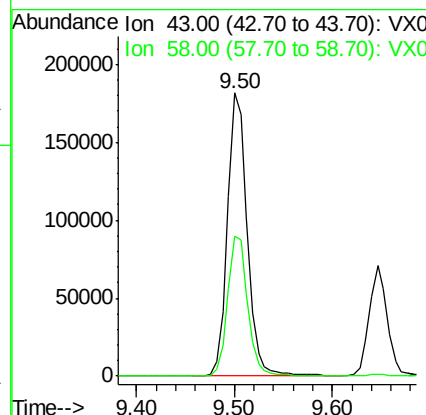
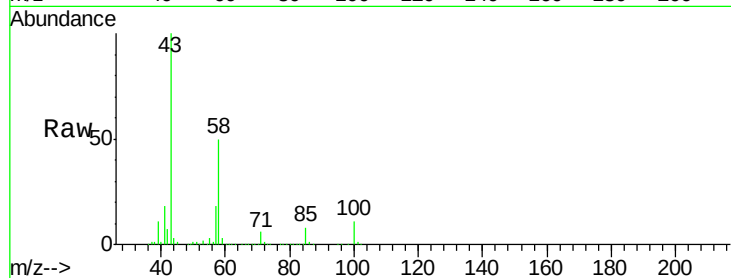
#59
2-Hexanone
Concen: 90.97 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	25.8	77.4

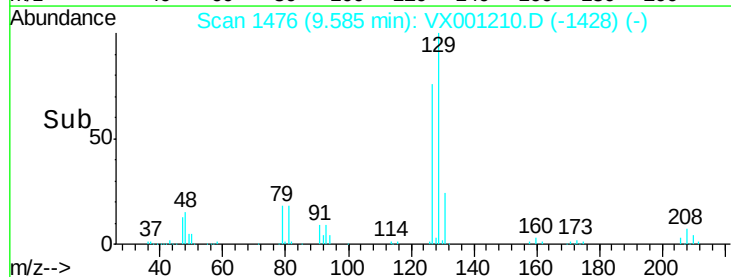
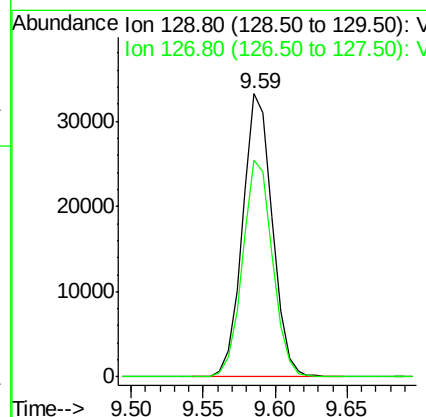
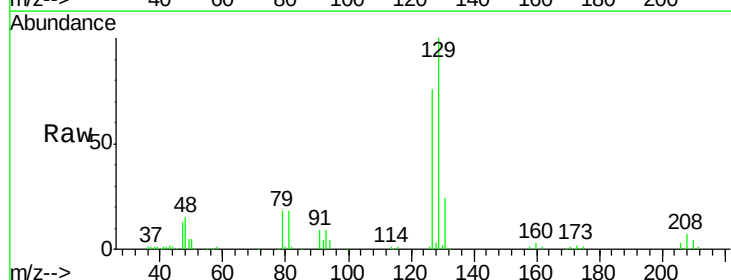
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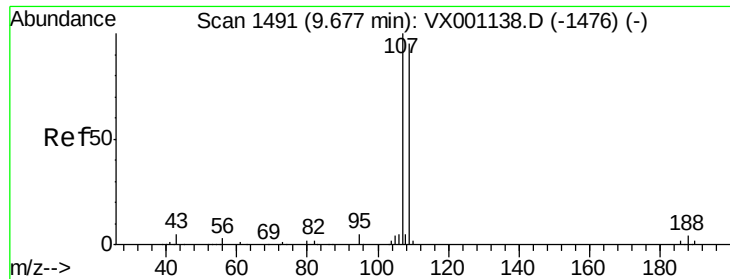
apatel
5/1/2018 7:44:43 PM



#60
Dibromochloromethane
Concen: 19.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.50 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion:107 Resp: 49880

Ion Ratio Lower Upper

107 100

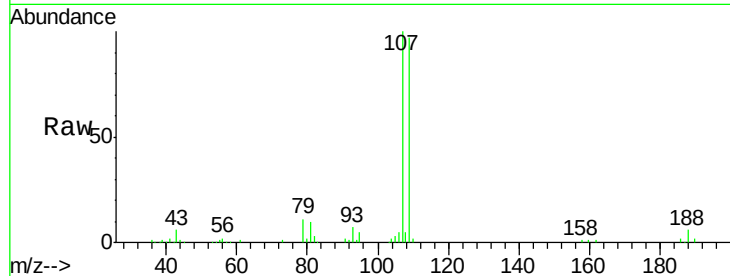
109 94.0 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

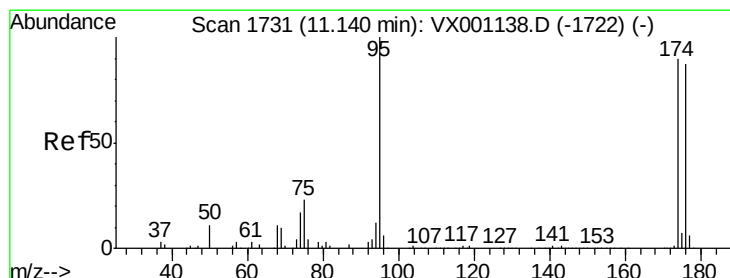
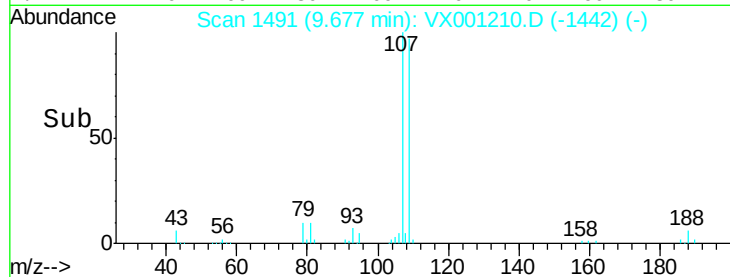
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

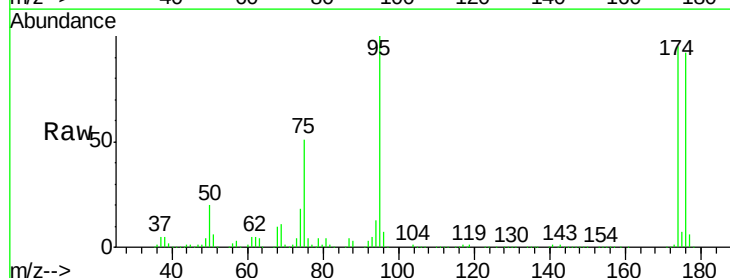
Tgt Ion: 95 Resp: 159631

Ion Ratio Lower Upper

95 100

174 101.7 0.0 194.4

176 98.8 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

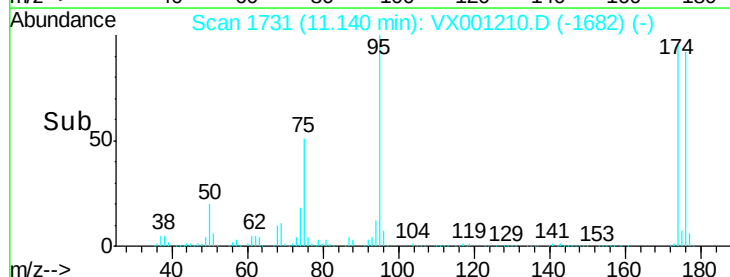
150000

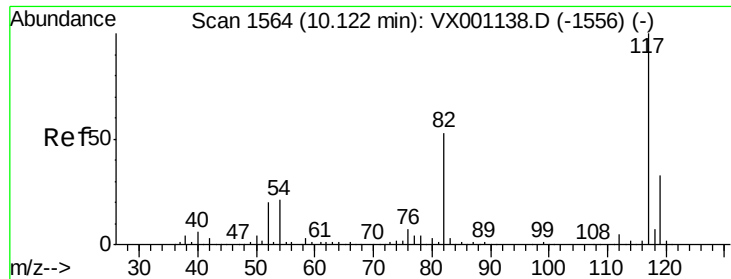
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

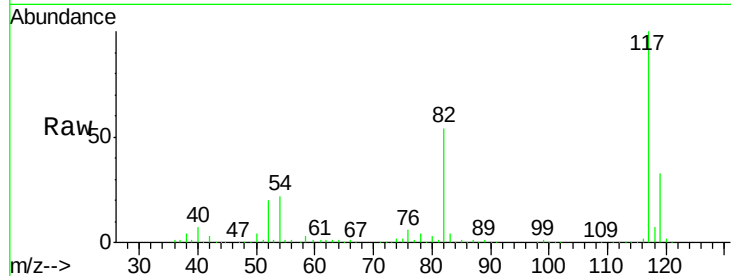
ClientSampleId :

VX0428WBSD01

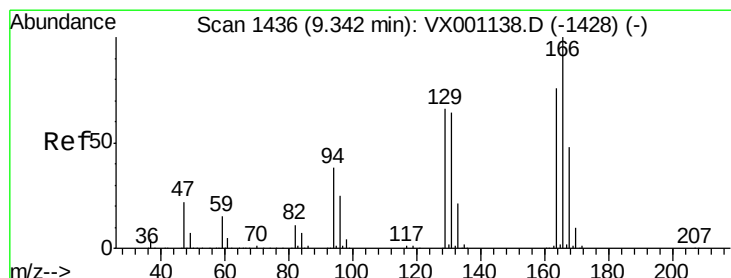
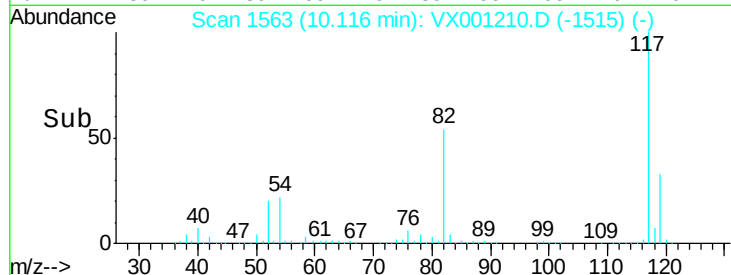
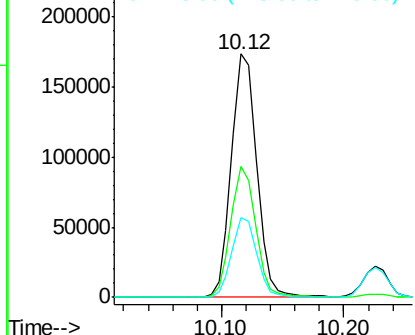
Tot Ion:	117	Resp:	250187
Ion Ratio	Lower	Upper	
117	100		
82	53.7	42.1	63.1
119	32.6	26.1	39.1

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.22 ug/l

RT: 9.34 min Scan# 1436

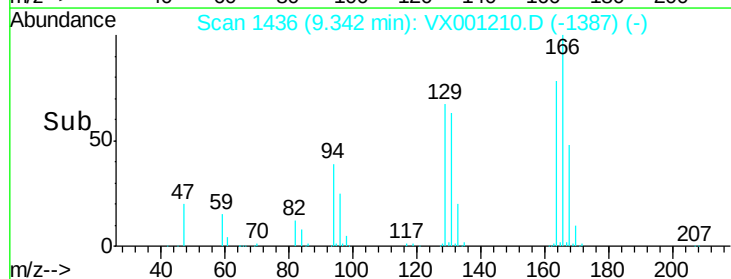
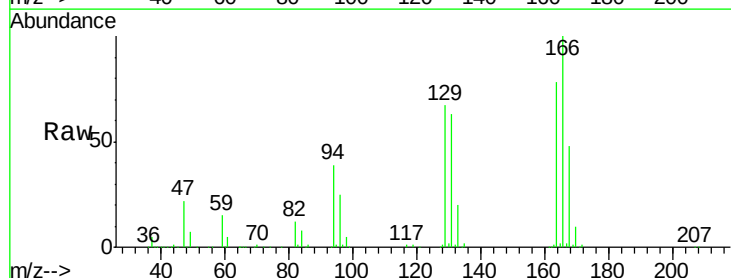
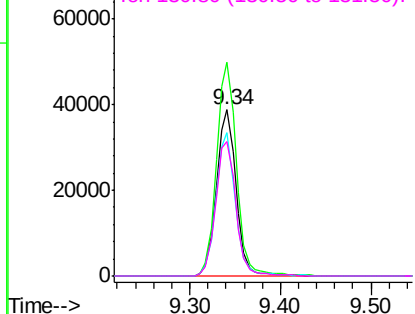
Delta R.T. -0.00 min

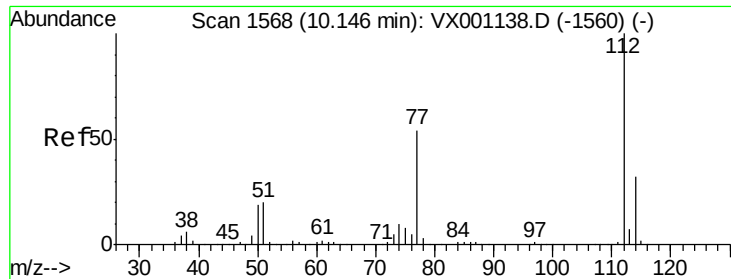
Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	164	Resp:	59337
Ion Ratio	Lower	Upper	
164	100		
166	128.4	105.0	157.6
129	86.3	69.4	104.2
131	80.7	67.3	100.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.66 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion:112 Resp: 135419

Ion Ratio Lower Upper

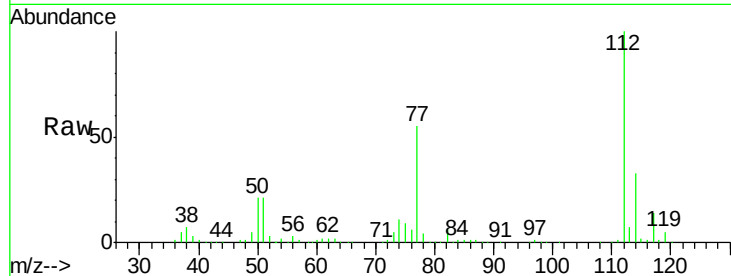
112 100

114 32.6 25.7 38.5

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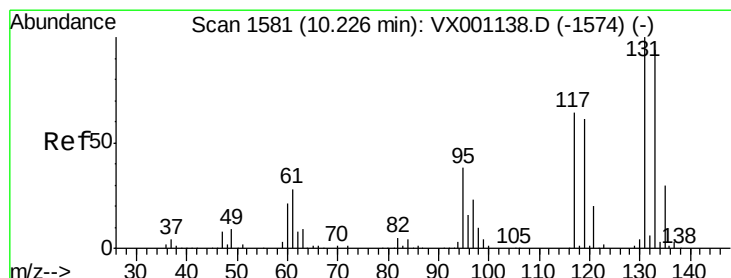
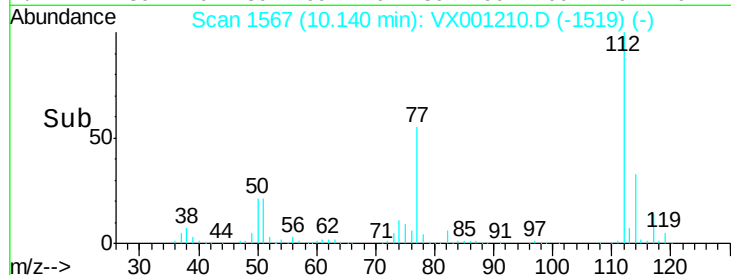
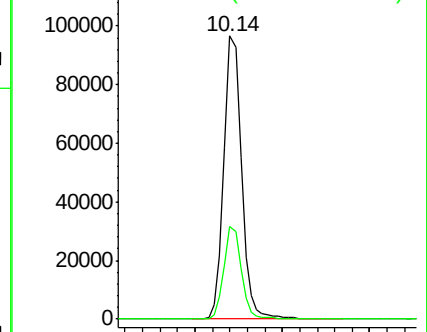
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

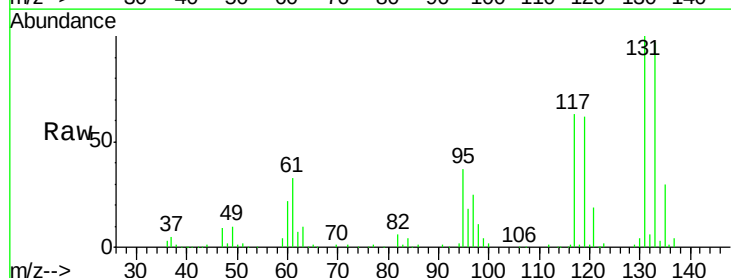
Tgt Ion:131 Resp: 47928

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.4

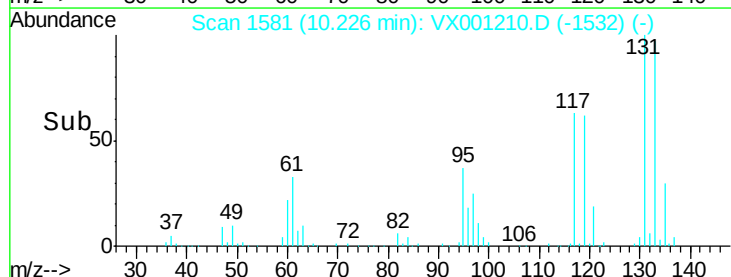
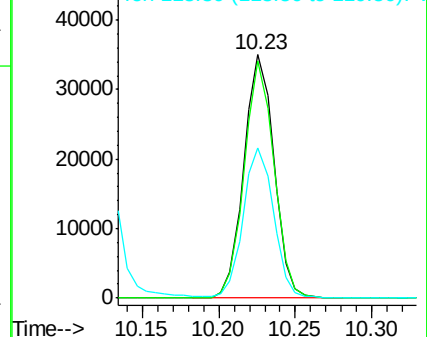
119 62.7 31.3 93.8

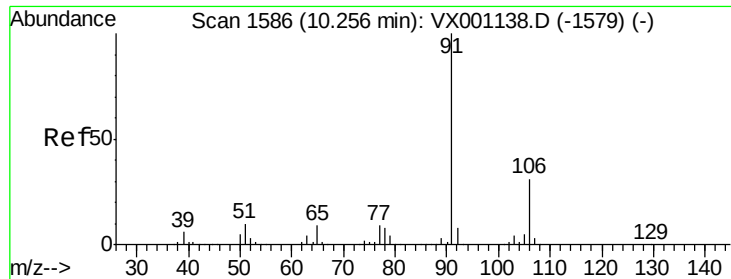


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





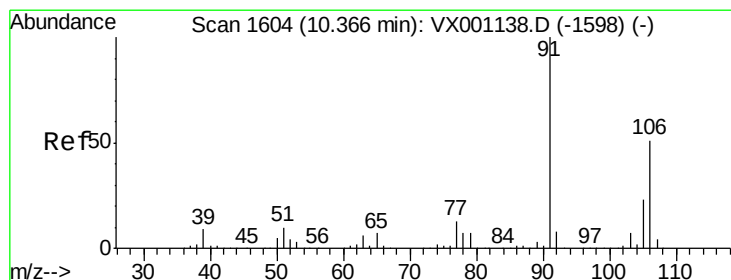
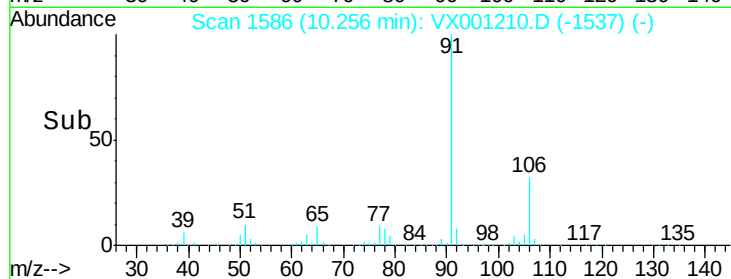
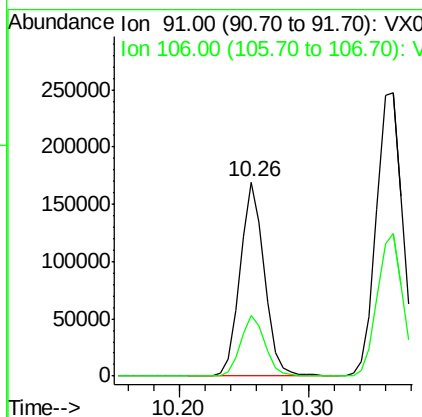
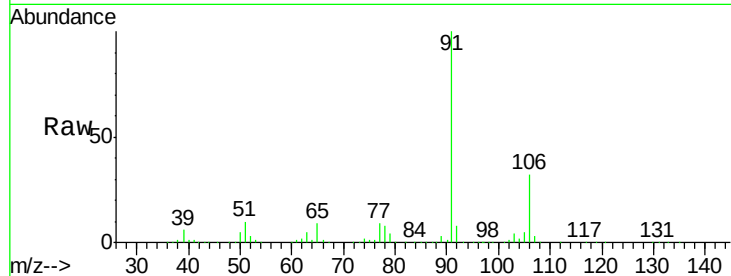
#67
Ethyl Benzene
Concen: 20.74 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion: 91 Resp: 220874
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2

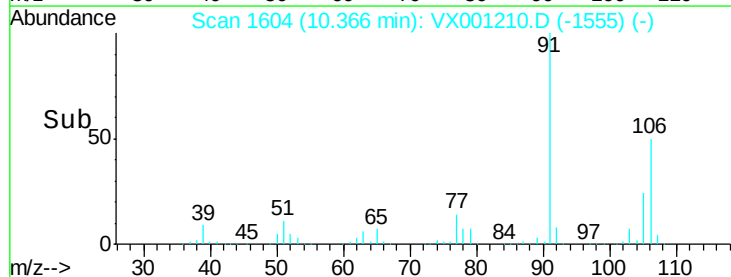
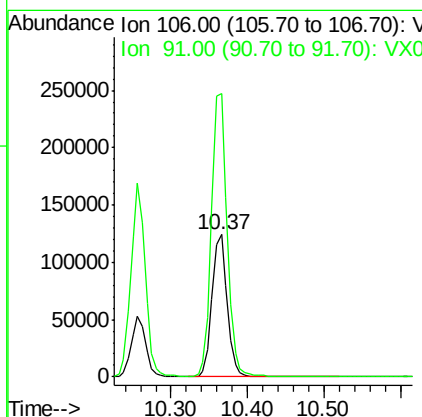
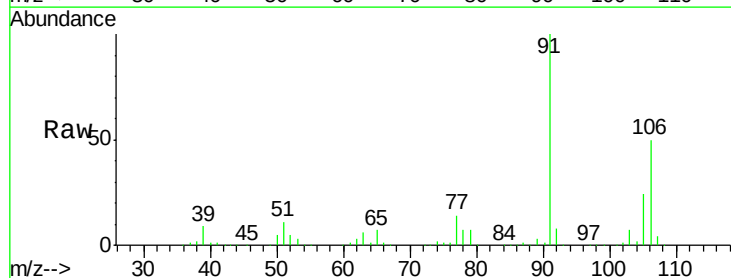
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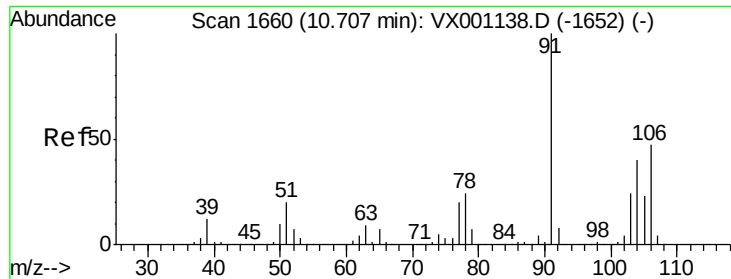
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#68
m/p-Xylenes
Concen: 40.92 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion: 106 Resp: 172304
Ion Ratio Lower Upper
106 100
91 204.9 160.9 241.3





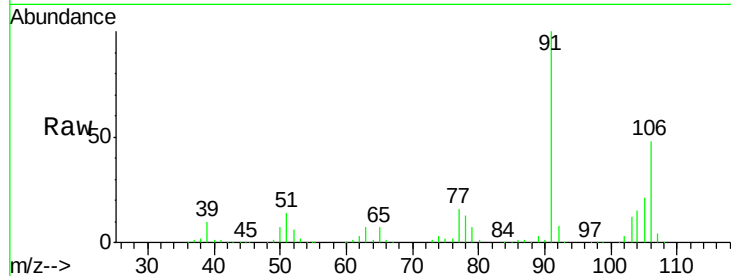
#69
o-Xylene
Concen: 20.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

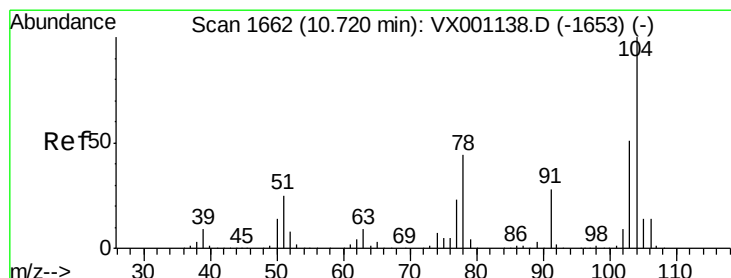
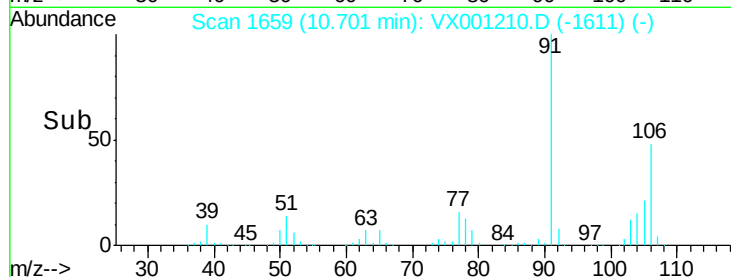
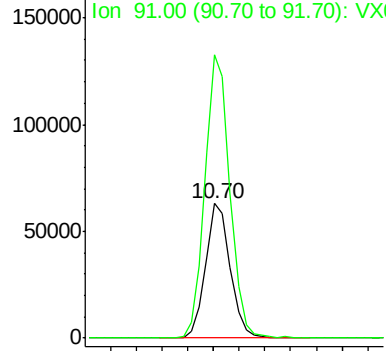
Tot Ion:106 Resp: 84254
Ion Ratio Lower Upper
106 100
91 213.3 106.2 318.5

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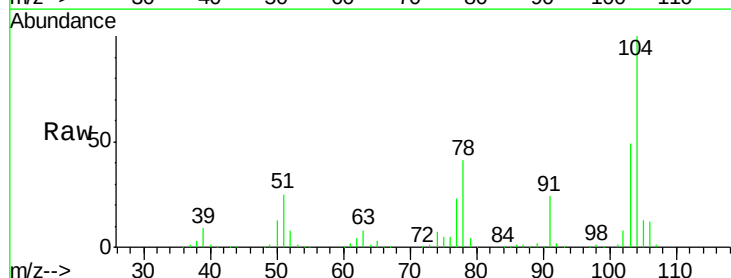


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

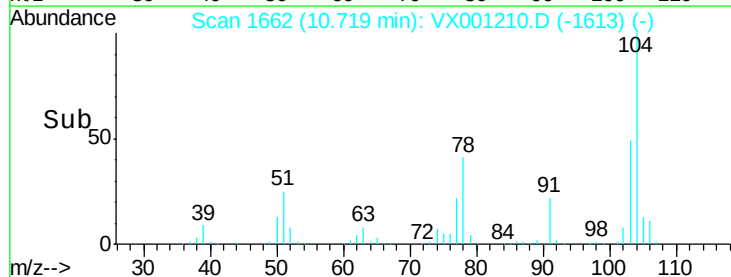
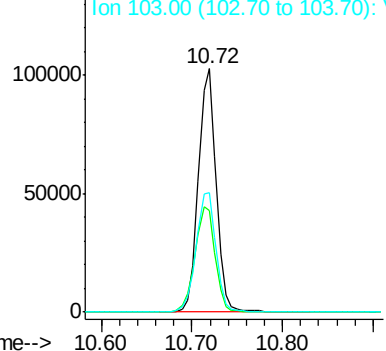


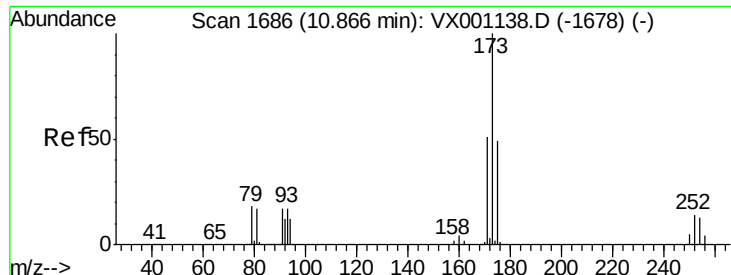
#70
Styrene
Concen: 20.59 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion:104 Resp: 139970
Ion Ratio Lower Upper
104 100
78 49.5 40.3 60.5
103 54.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.80 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion:173 Resp: 36662

Ion Ratio Lower Upper

173 100

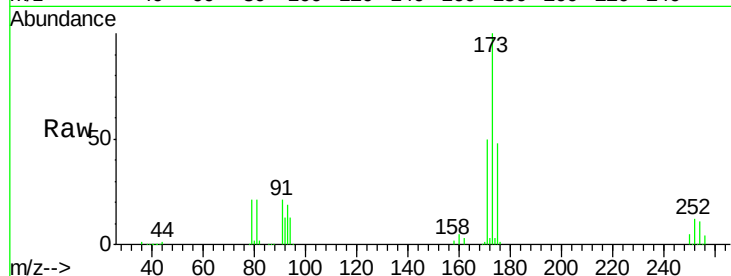
175 49.9 24.6 73.8

254 0.3 0.2 0.2#

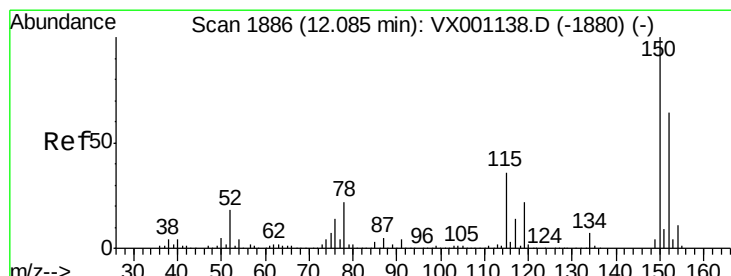
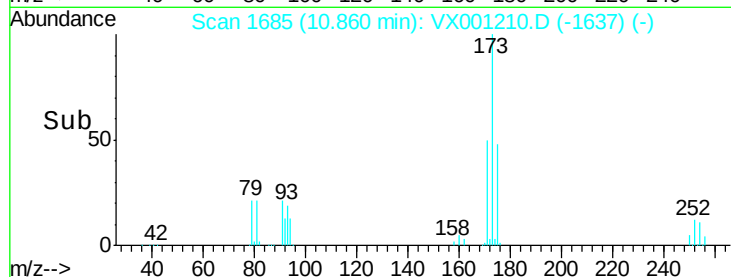
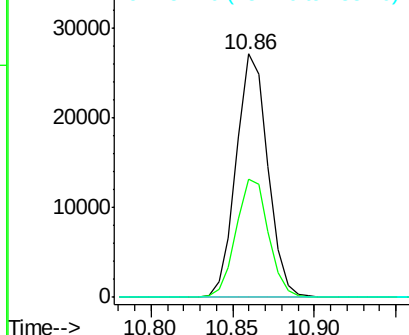
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

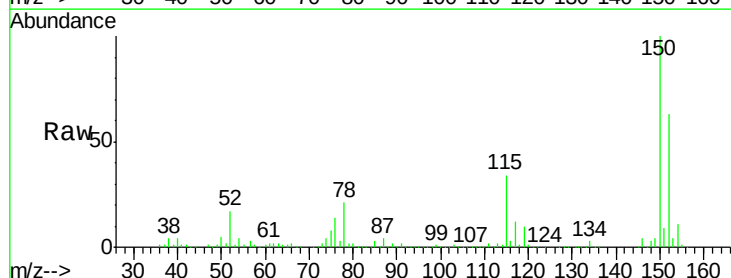
Tgt Ion:152 Resp: 170053

Ion Ratio Lower Upper

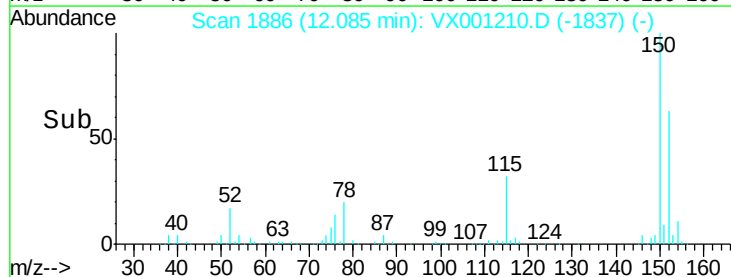
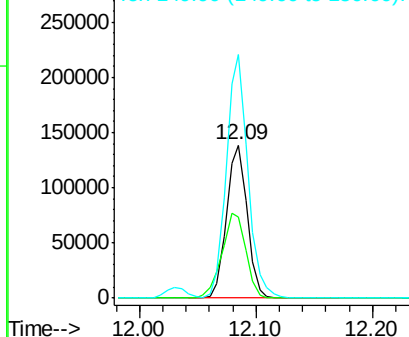
152 100

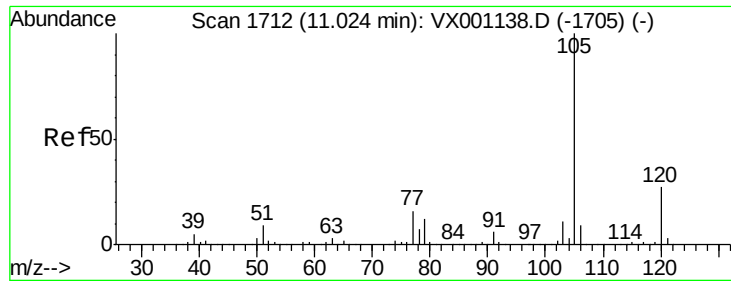
115 64.4 38.0 114.0

150 165.1 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: 20.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 105 Resp: 230593

Ion Ratio Lower Upper

105 100

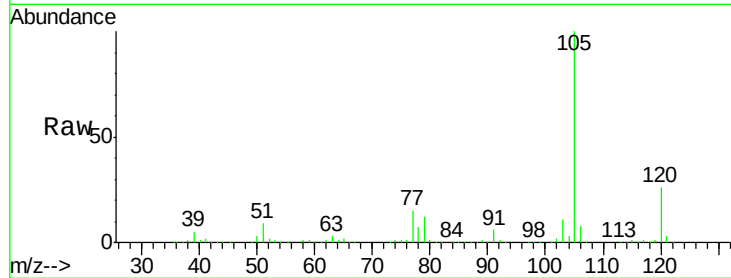
120 26.5 13.6 40.8

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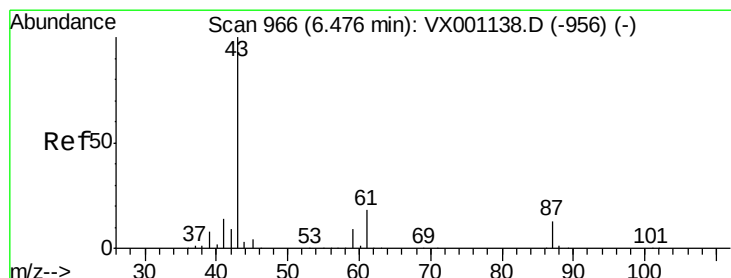
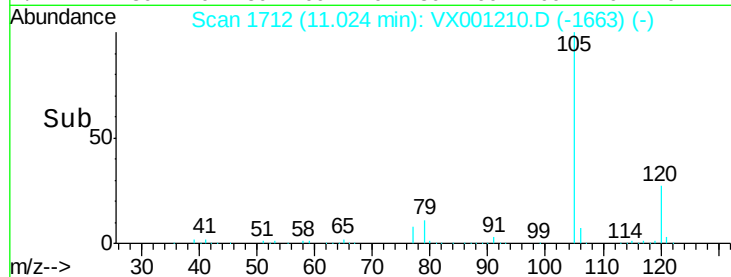
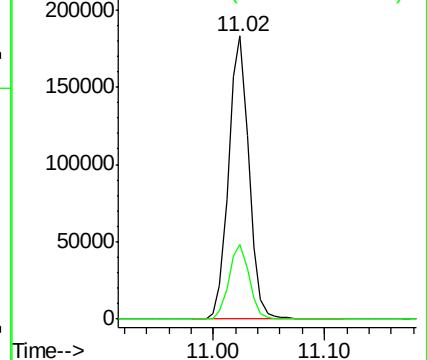
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion: 43 Resp: 100656

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

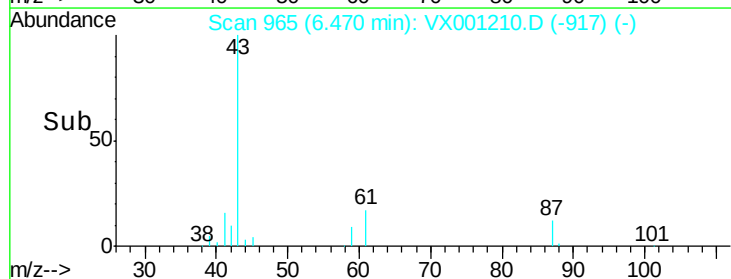
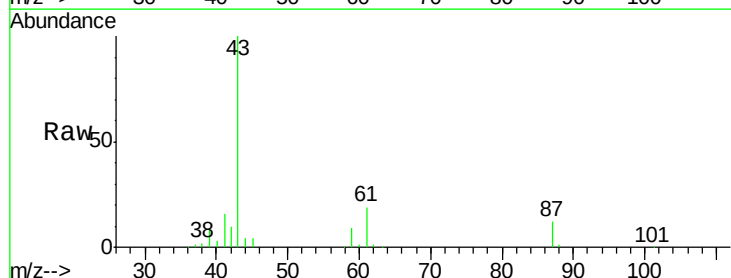
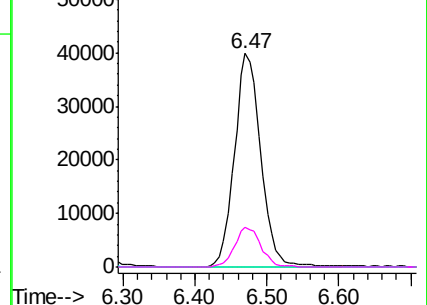
61 18.8 15.0 22.6

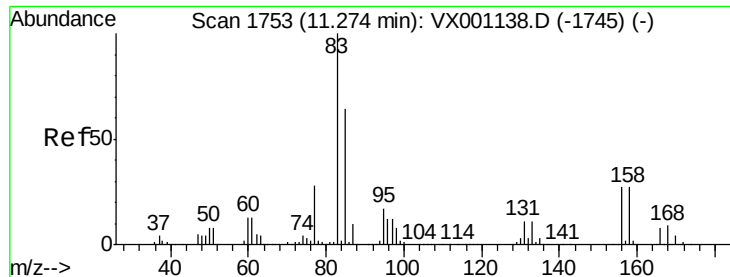
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

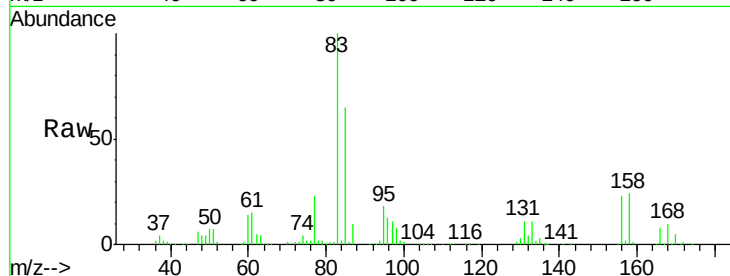
ClientSampled :

VX0428WBSD01

Tot Ion:	83	Resp:	69075
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.8	17.4
85	64.4	32.1	96.3

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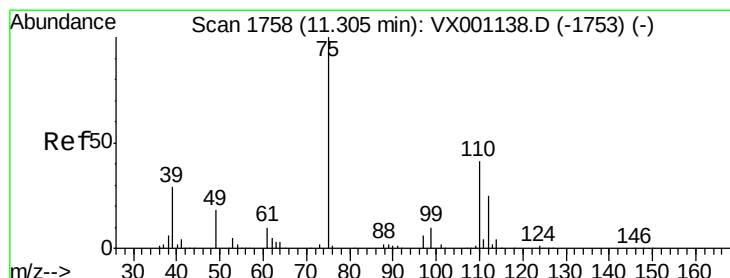
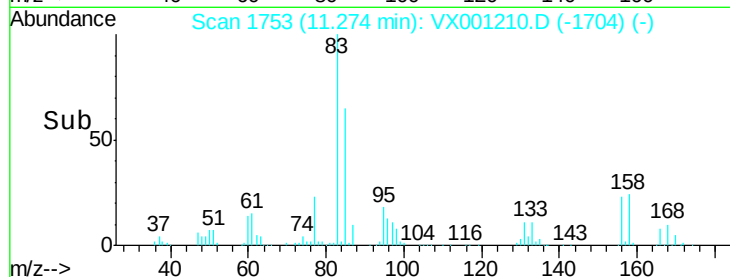
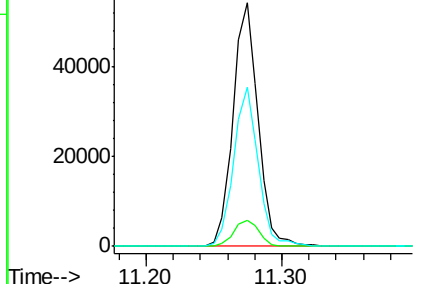
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.84 ug/l m

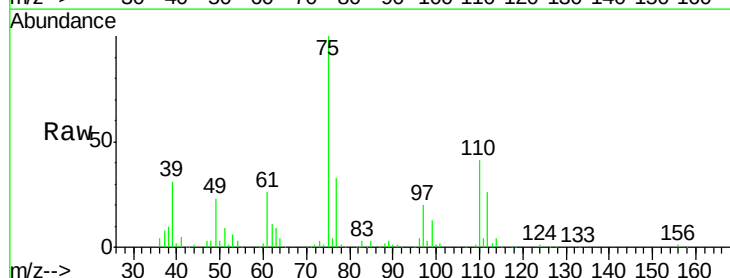
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001210.D

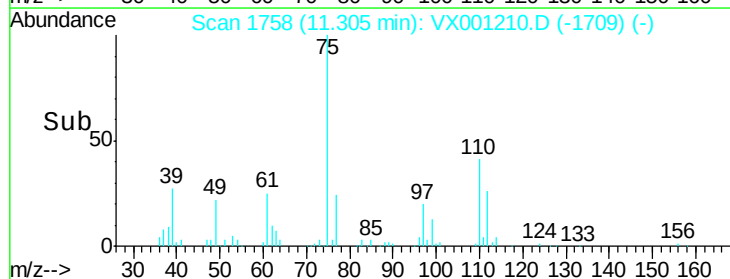
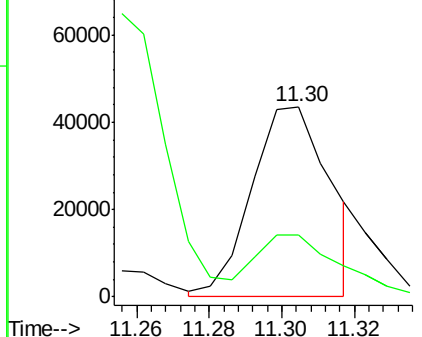
Acq: 28 Apr 2018 13:48

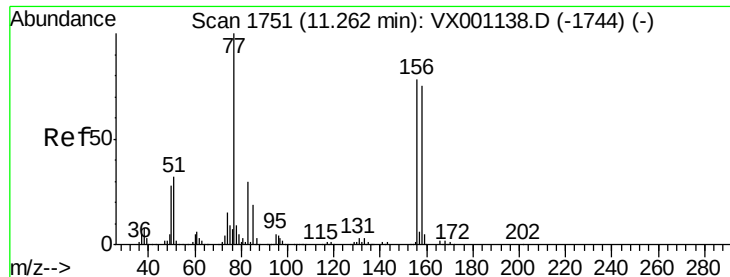
Tgt Ion:	75	Resp:	65238
Ion	Ratio	Lower	Upper
75	100		
77	35.4	18.9	56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

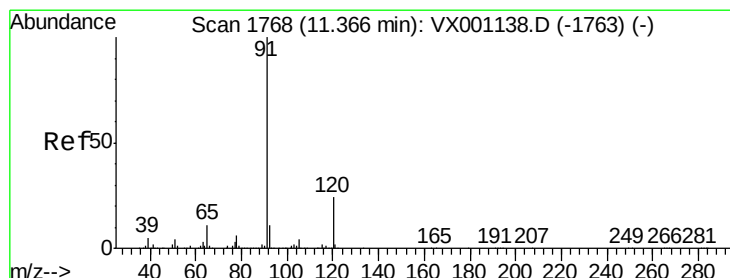
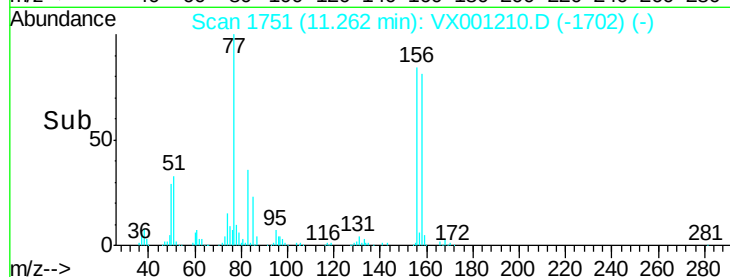
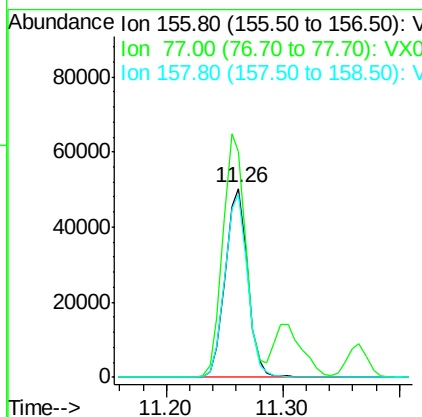
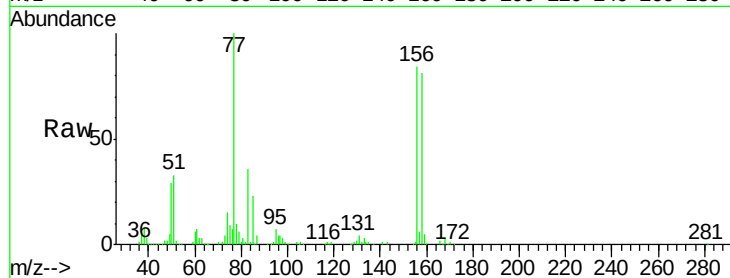
ClientSampleId :

VX0428WBSD01

Tot Ion:	156	Resp:	67186
Ion Ratio	Lower	Upper	
156	100		
77	132.3	67.8	203.2
158	97.8	48.9	146.7

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#78

n-propylbenzene

Concen: 20.97 ug/l

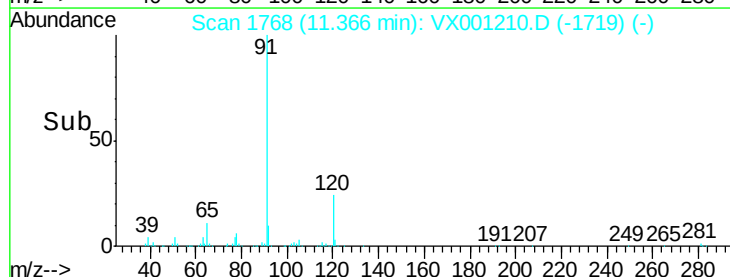
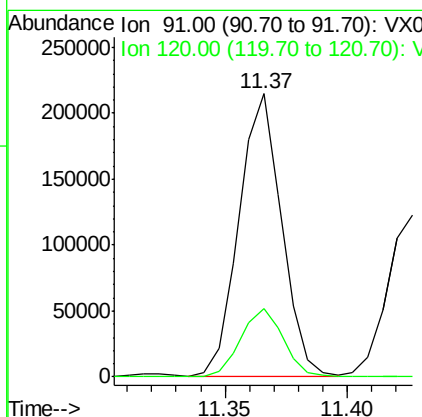
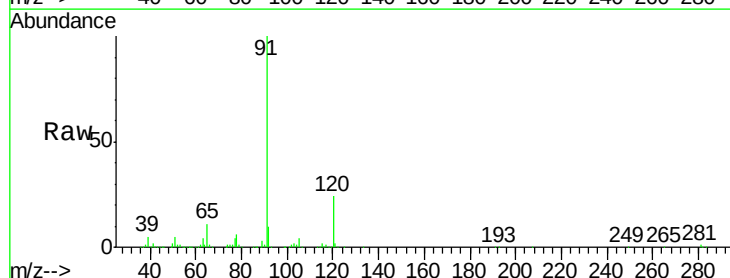
RT: 11.37 min Scan# 1768

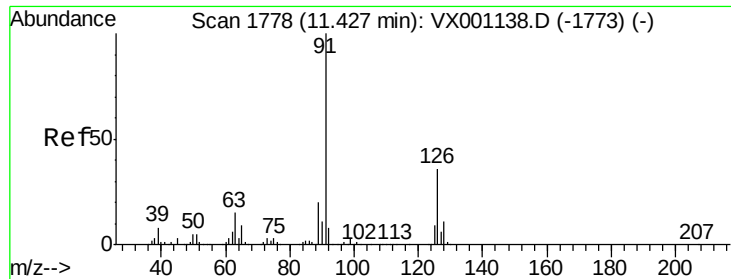
Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	91	Resp:	259234
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 20.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 91 Resp: 154006

Ion Ratio Lower Upper

91 100

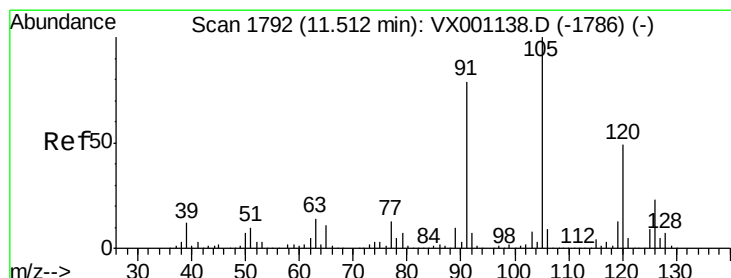
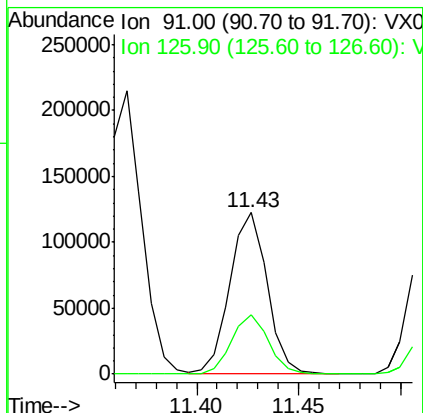
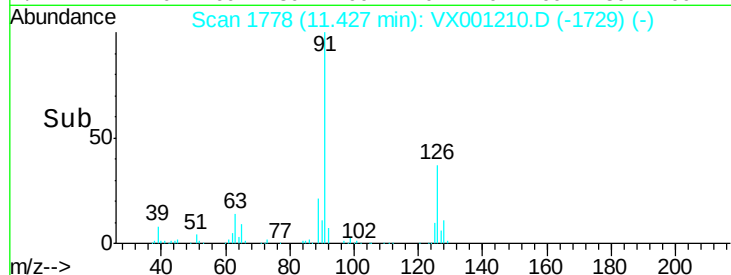
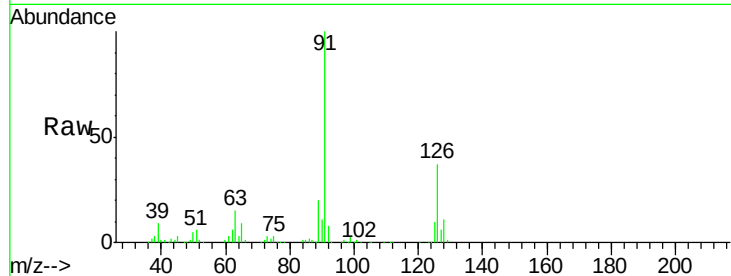
126 36.5 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001210.D

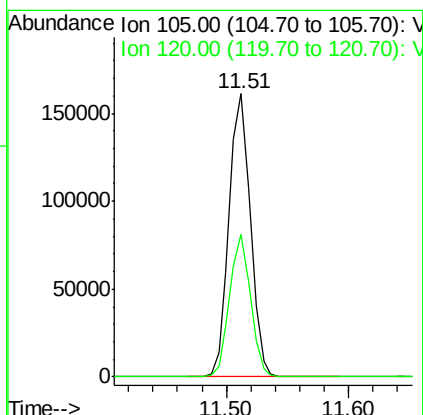
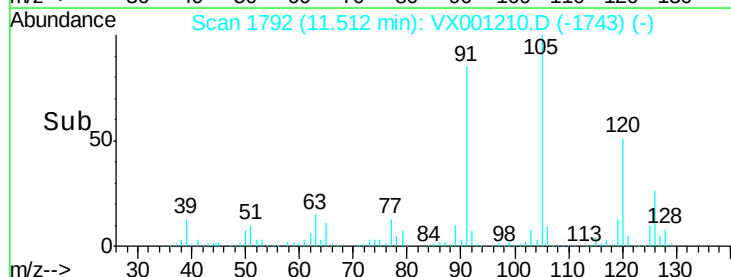
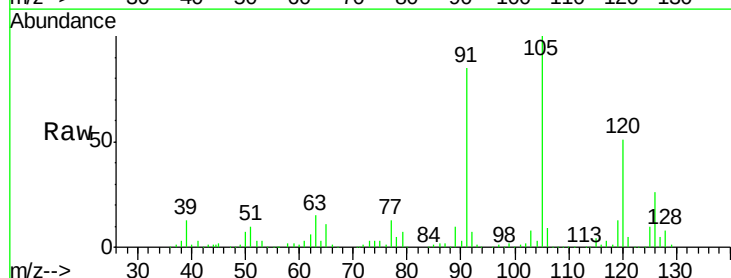
Acq: 28 Apr 2018 13:48

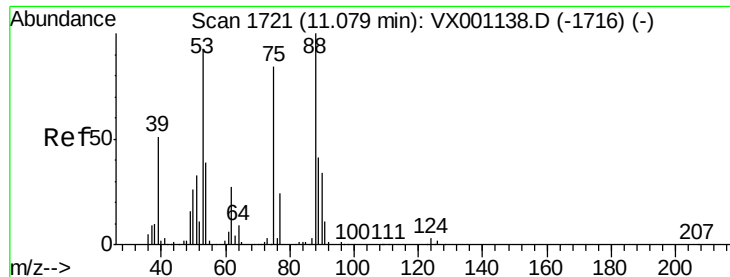
Tgt Ion: 105 Resp: 194704

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.41 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD01

Tot Ion: 75 Resp: 14877

Ion Ratio Lower Upper

75 100

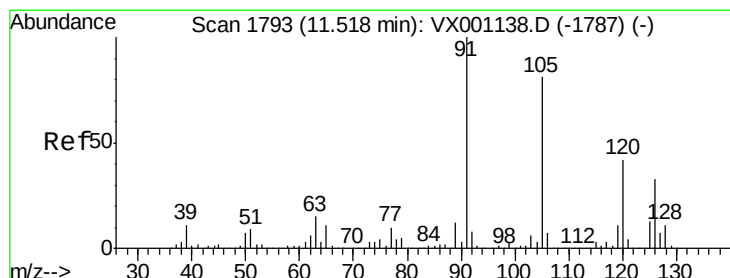
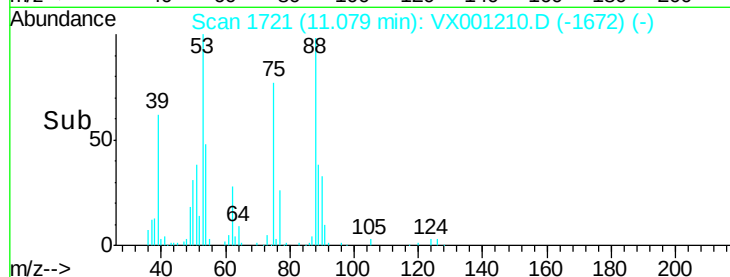
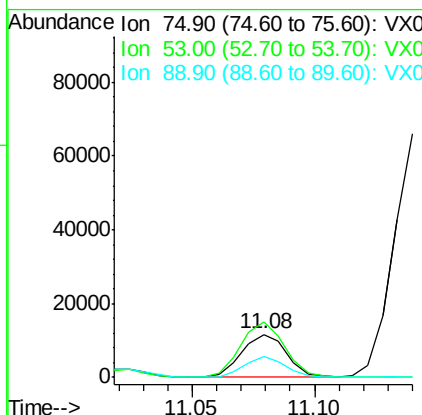
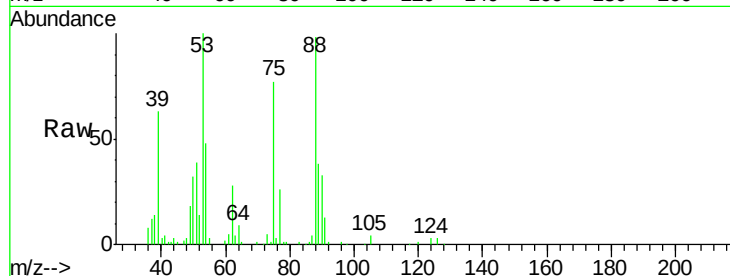
53 127.1 87.9 131.9

89 45.7 37.7 56.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.27 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001210.D

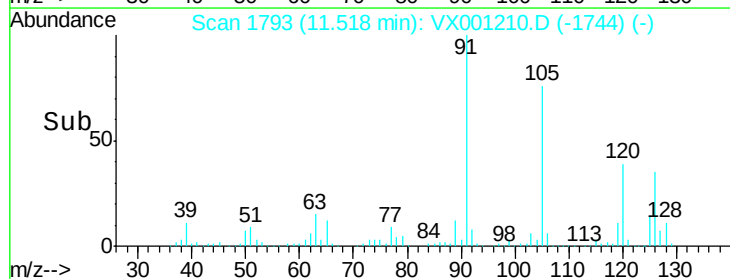
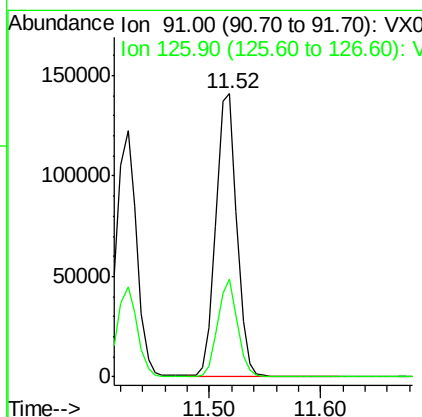
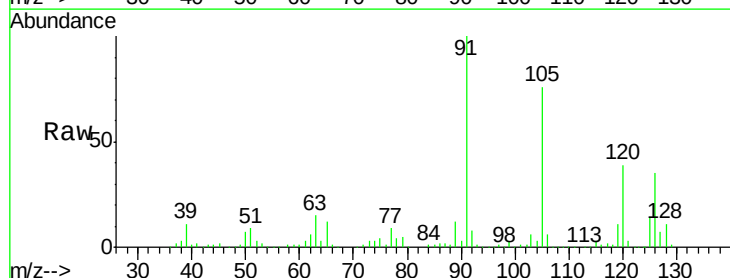
Acq: 28 Apr 2018 13:48

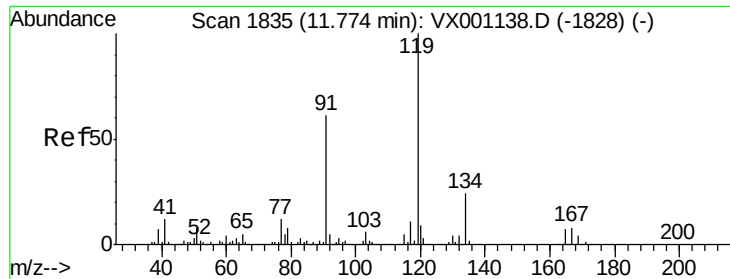
Tgt Ion: 91 Resp: 184629

Ion Ratio Lower Upper

91 100

126 32.4 15.8 47.4





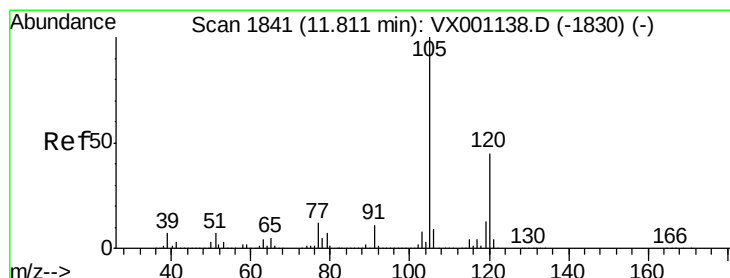
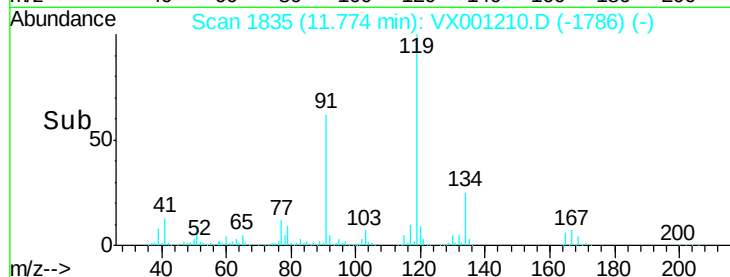
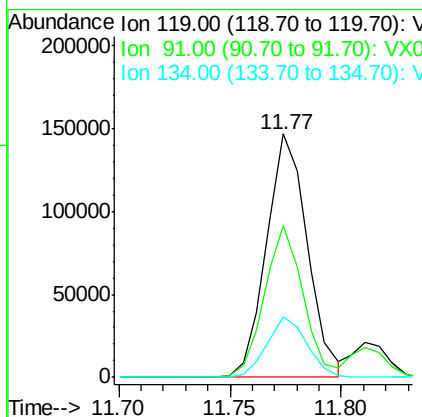
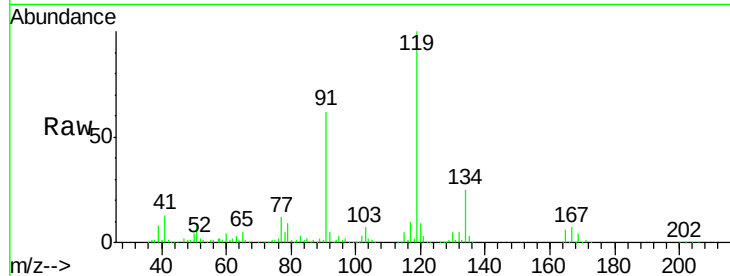
#83
 tert-Butylbenzene
 Concen: 19.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187147		
91	59.3	27.6	82.8	
134	24.6	11.5	34.5	

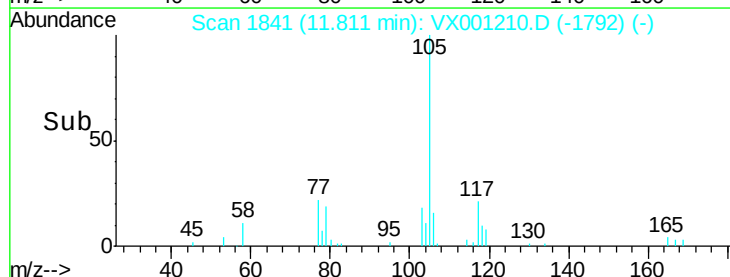
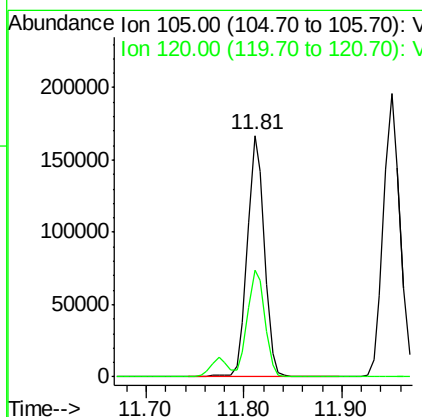
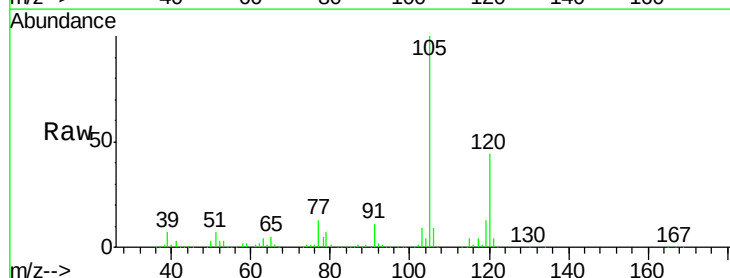
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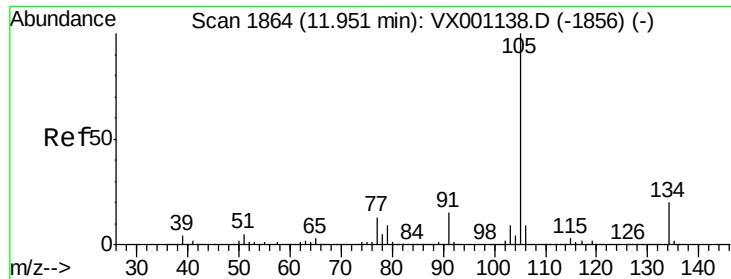
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201502		
120	44.9	22.4	67.3	





#85

sec-Butylbenzene

Concen: 21.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD01

Tot Ion:105 Resp: 232311

Ion Ratio Lower Upper

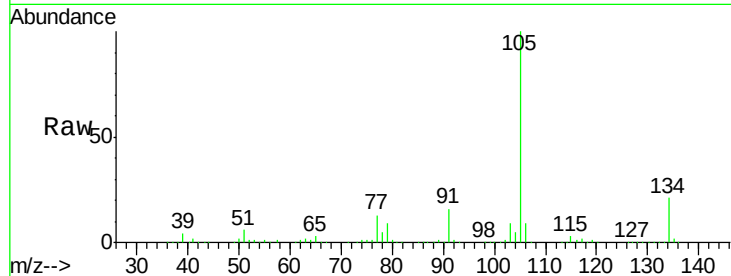
105 100

134 21.2 10.5 31.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

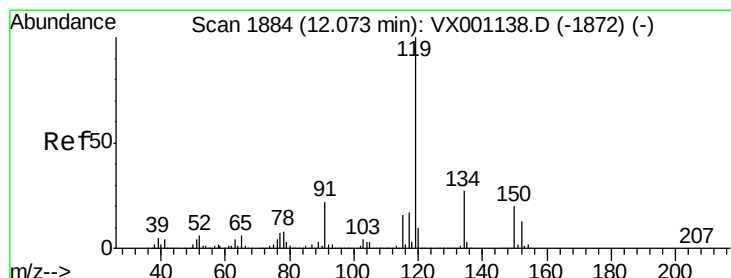
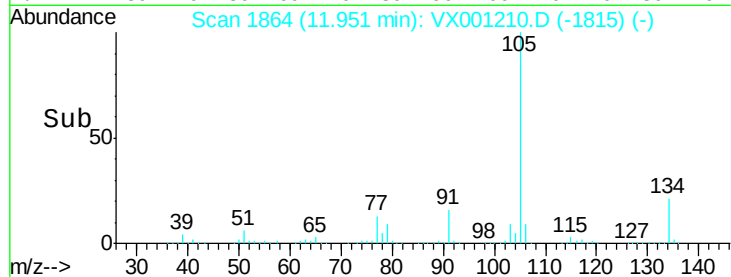
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

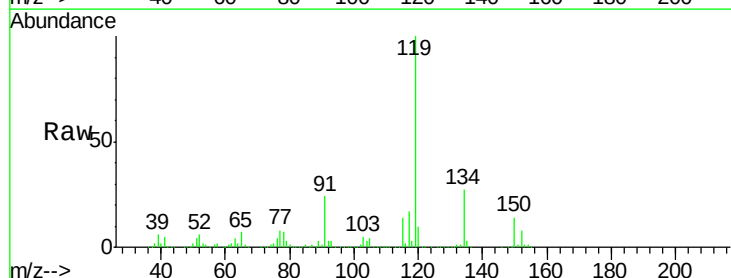
Tgt Ion:119 Resp: 212096

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.6 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

12.07

200000

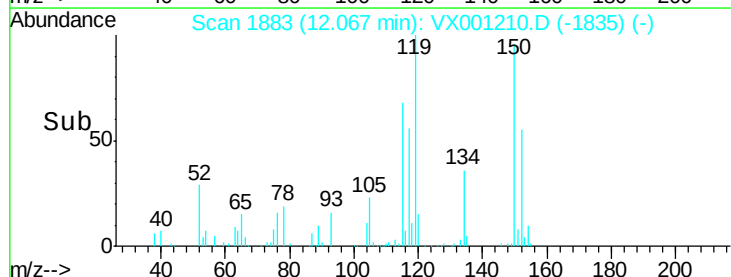
150000

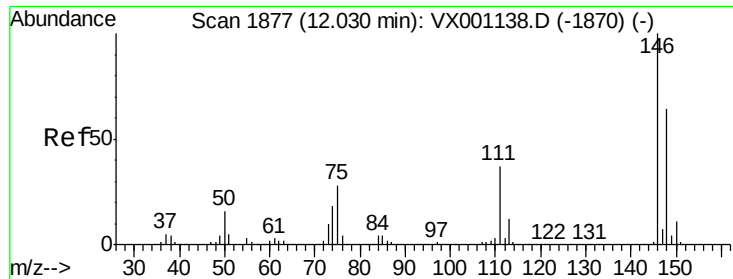
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.60 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

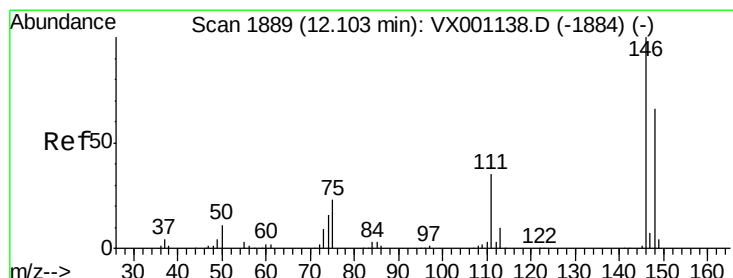
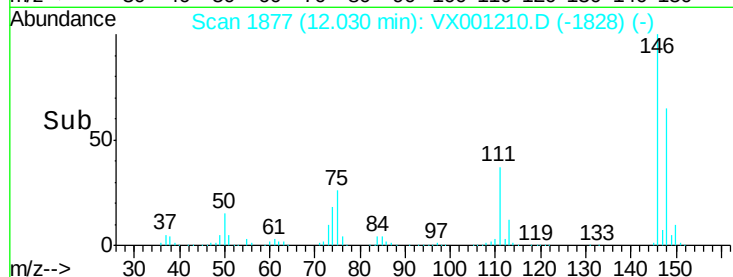
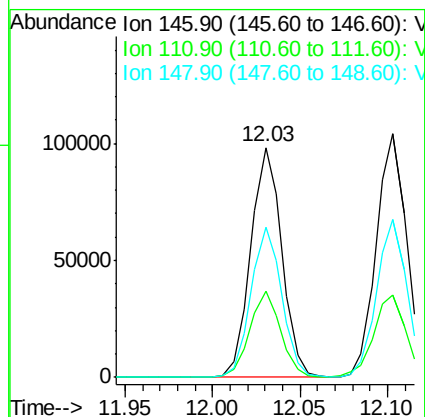
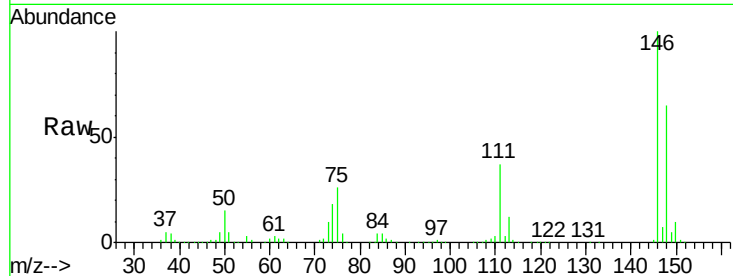
ClientSampleId :

VX0428WBSD01

Tot Ion:	146	Resp:	121535
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.6	56.0
148	64.8	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 20.57 ug/l

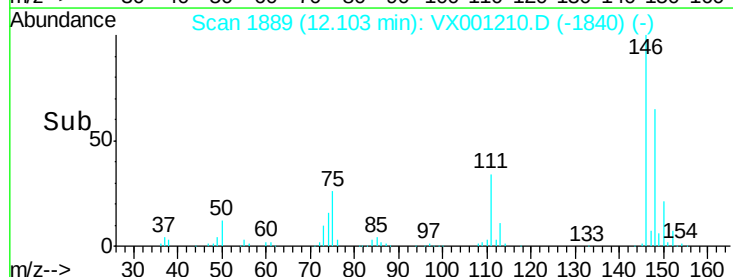
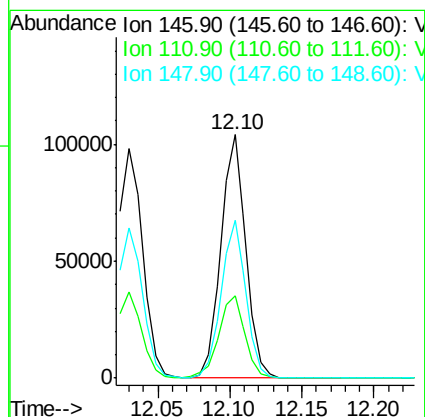
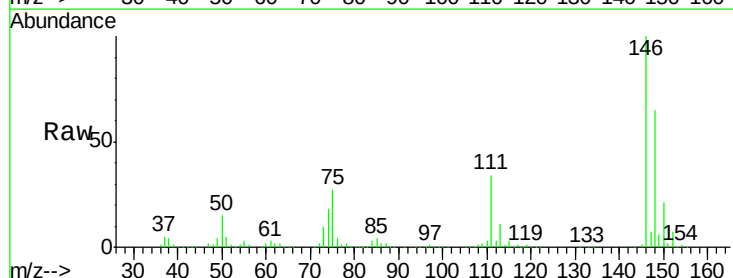
RT: 12.10 min Scan# 1889

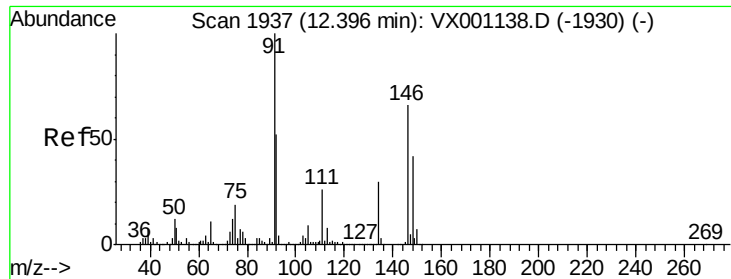
Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	146	Resp:	126466
Ion Ratio	Lower	Upper	
146	100		
111	35.9	18.0	54.0
148	64.4	32.5	97.5





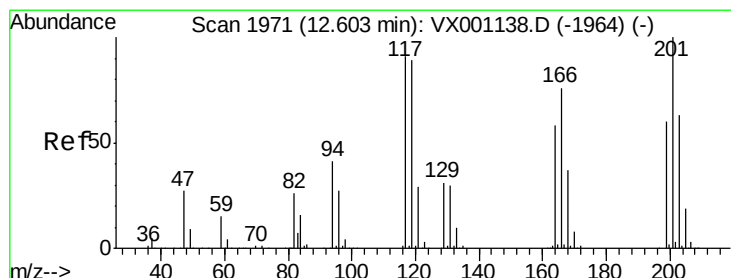
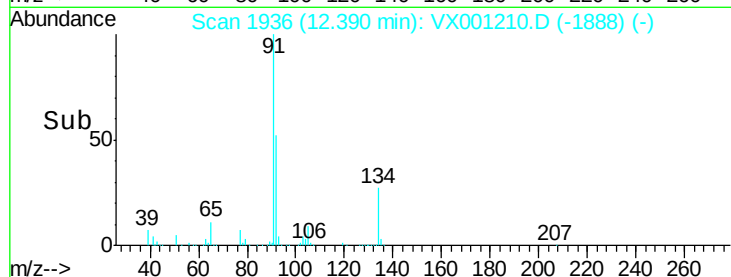
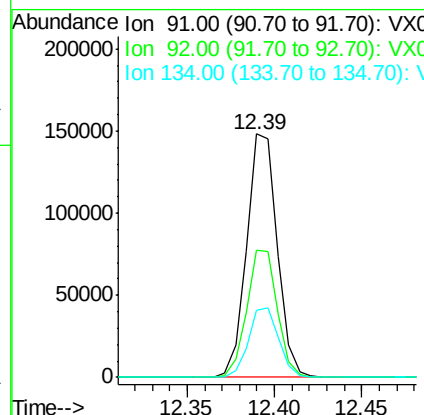
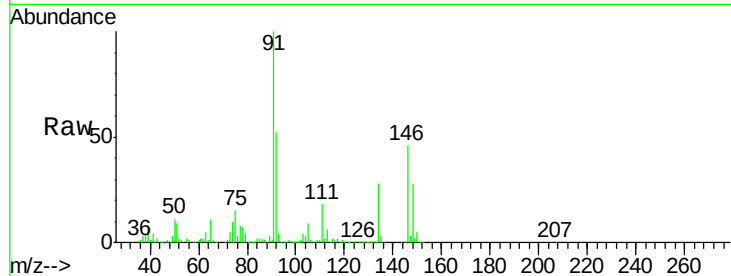
#89
n-Butylbenzene
Concen: 20.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.6
134	28.3	14.1	42.3

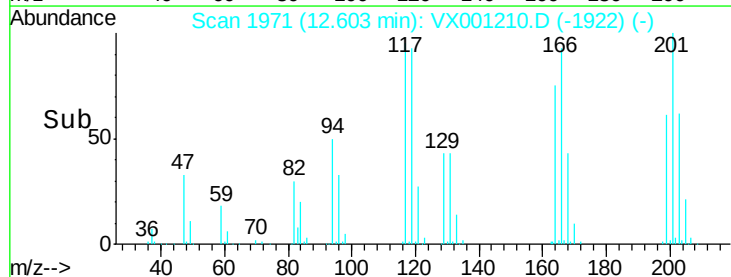
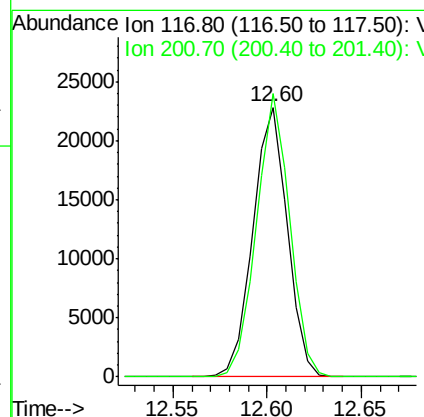
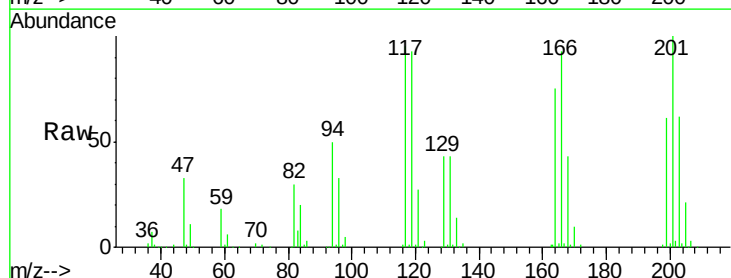
Manual Integrations
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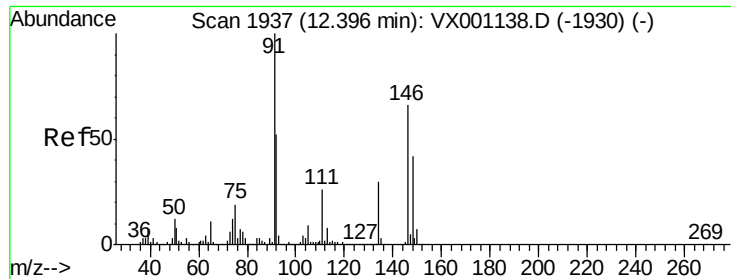
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#90
Hexachloroethane
Concen: 19.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001210.D
Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.6	51.8	155.4





#91

1,2-Dichlorobenzene

Concen: 20.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

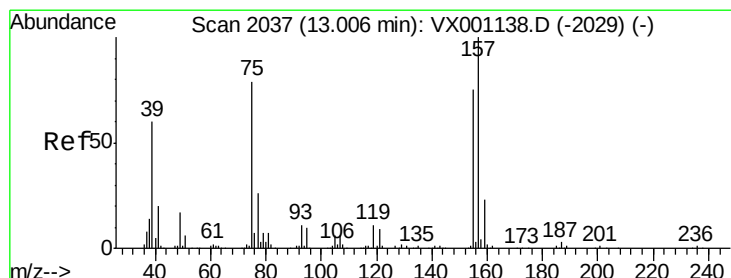
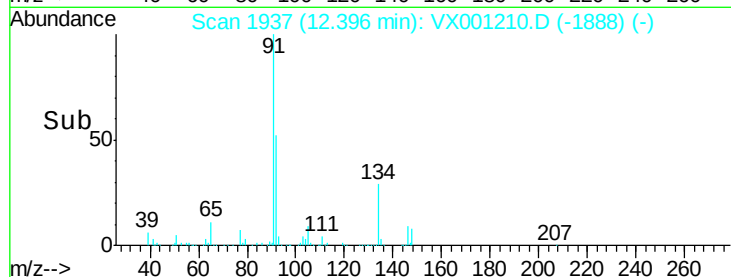
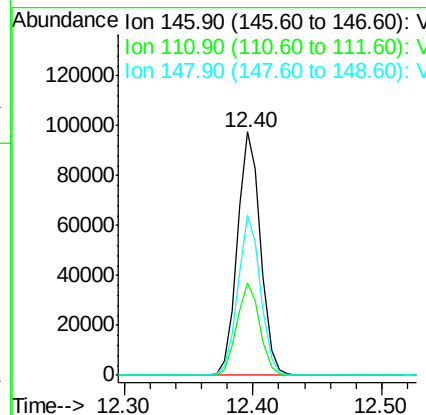
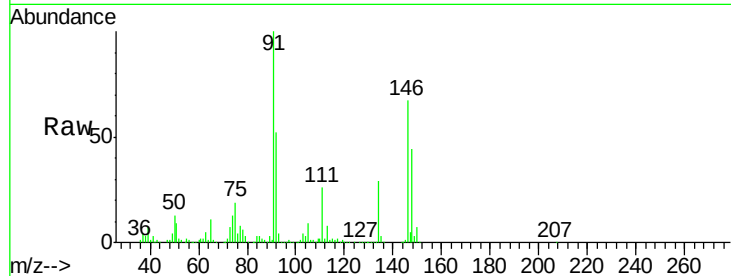
ClientSampleId :

VX0428WBSD01

Tot Ion:	146	Resp:	122192
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.3
148	64.5	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.18 ug/l

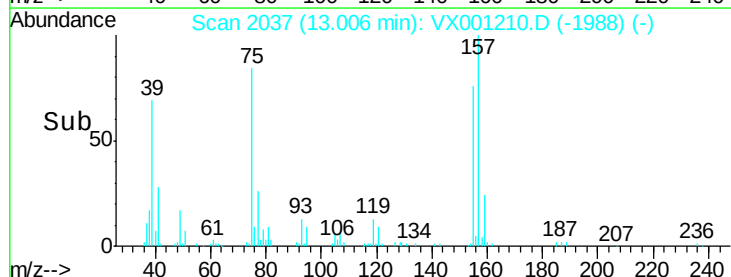
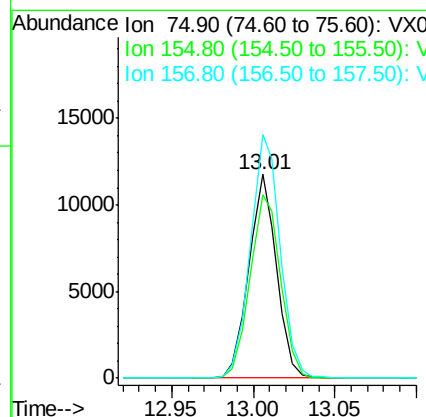
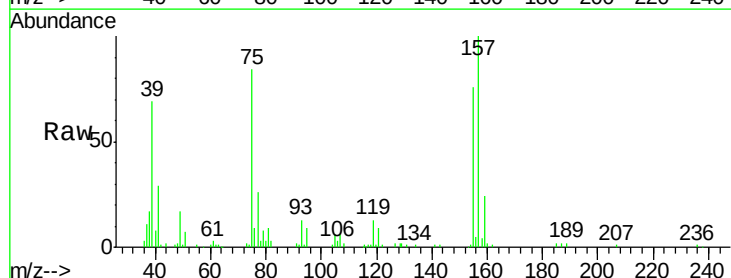
RT: 13.01 min Scan# 2037

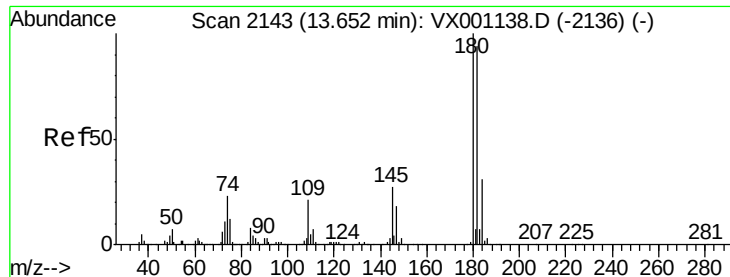
Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	75	Resp:	13944
Ion Ratio	Lower	Upper	
75	100		
155	98.4	48.4	145.3
157	127.7	62.7	188.1





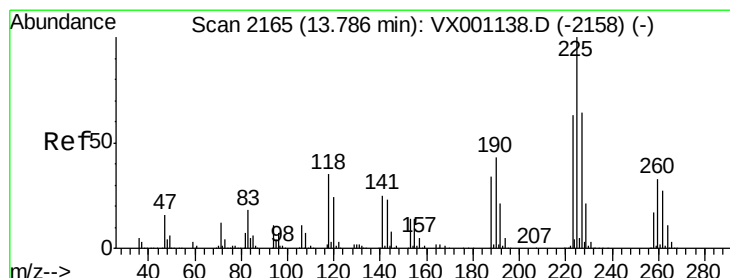
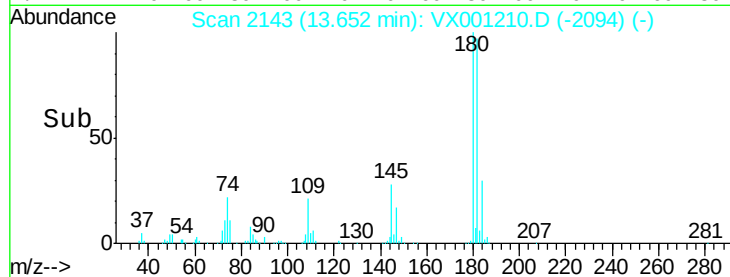
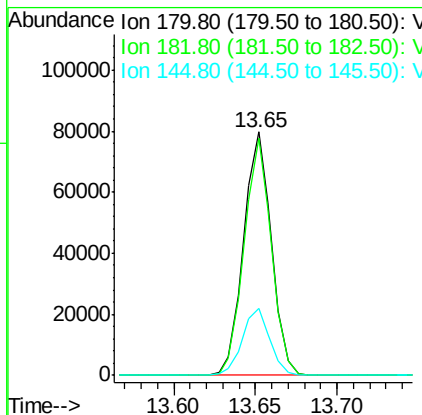
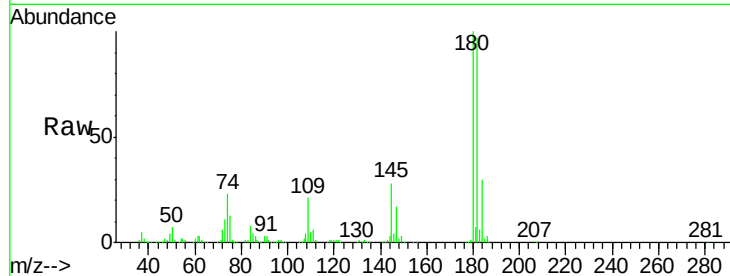
#93
 1,2,4-Trichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	94552		
182	95.8	47.9	143.6	
145	27.3	13.8	41.4	

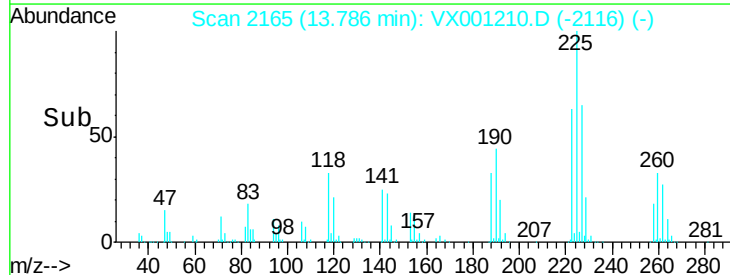
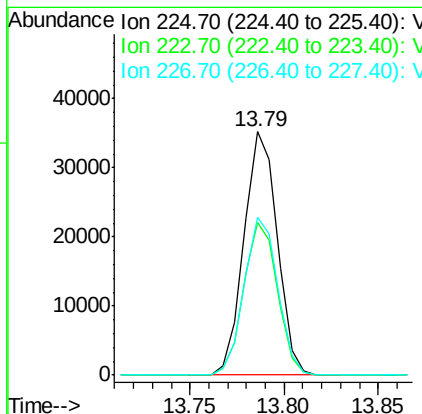
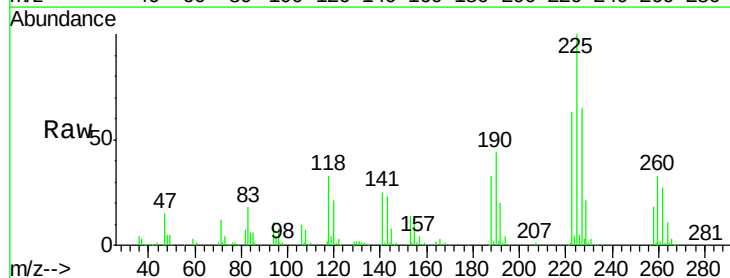
Manual Integrations
 APPROVED

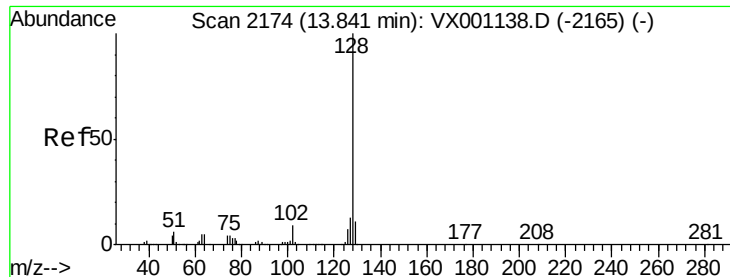
apatel
 5/1/2018 7:44:43 PM



#94
 Hexachlorobutadiene
 Concen: 19.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001210.D
 Acq: 28 Apr 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43250		
223	63.3	31.3	93.9	
227	65.4	32.2	96.6	





#95

Naphthalene

Concen: 19.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Instrument :

MSVOA_X

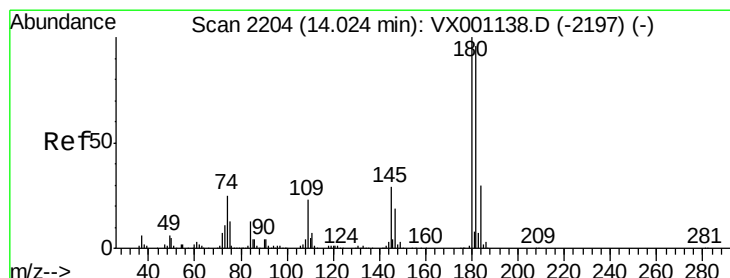
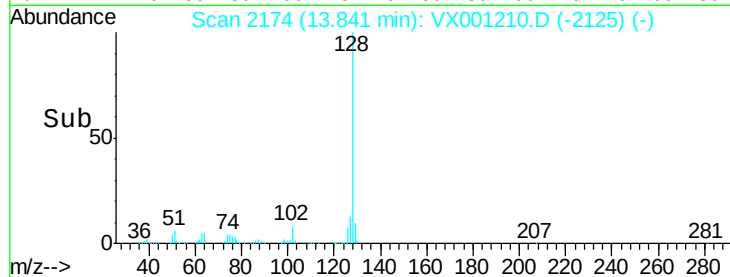
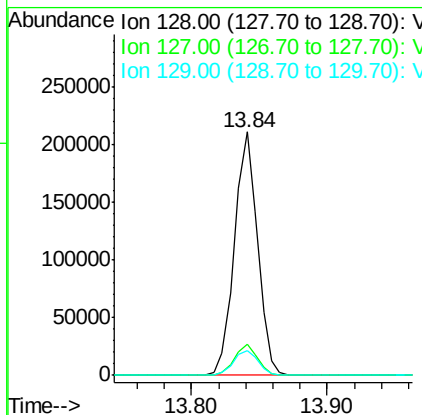
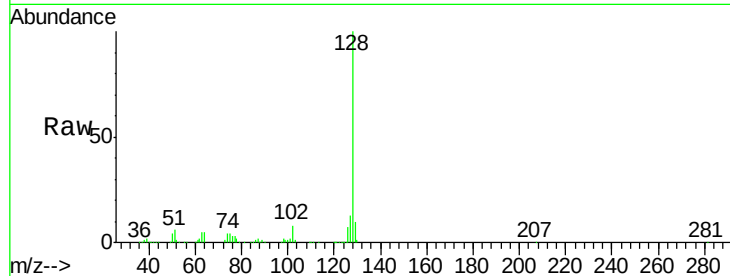
ClientSampleId :

VX0428WBSD01

Tot Ion:	128	Resp:	249018
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001210.D

Acq: 28 Apr 2018 13:48

Tgt Ion:	180	Resp:	93931
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.2	144.6
145	28.7	14.5	43.5

