

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000217.D
 Acq On : 08 Mar 2018 11:31
 Operator : JC/MD
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBSD01

Manual Integrations
 APPROVED

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 3/9/2018 9:38:14 AM

Quant Time: Mar 08 13:12:27 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	23729	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	140149	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	138684	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	57923	31.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.13%
60) 4-Bromofluorobenzene	11.15	95	69175	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.73	98	178335	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	20950	14.23	ug/l	100
3) Chloromethane	1.32	50	18427	12.48	ug/l	97
4) Vinyl Chloride	1.41	62	24446	13.92	ug/l	96
5) Bromomethane	1.64	94	20023	12.37	ug/l	98
6) Chloroethane	1.73	64	17608	15.66	ug/l	96
7) Trichlorofluoromethane	1.93	101	49637	16.32	ug/l	98
8) Diethyl Ether	2.20	74	19236	18.11	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29551	17.80	ug/l	95
10) 1,1-Dichloroethene	2.38	96	23538	14.85	ug/l	86
11) Methyl Iodide	2.52	142	20842	13.52	ug/l	96
12) Methyl Acetate	2.78	43	69519	24.54	ug/l	100
13) Acrolein	2.30	56	62171	182.35	ug/l	98
14) Acrylonitrile	3.15	53	137220	111.77	ug/l	99
15) Acetone	2.45	58	50694	126.65	ug/l	97
16) Carbon Disulfide	2.57	76	33582	7.41	ug/l	99
17) Allyl chloride	2.73	41	50505	18.68	ug/l	95
18) Methylene Chloride	2.87	84	30691	17.76	ug/l	93
19) trans-1,2-Dichloroethene	3.17	96	25404	14.73	ug/l	90
20) Diisopropyl ether	3.88	45	106669	24.99	ug/l	95
21) 1,1-Dichloroethane	3.71	63	58864	20.92	ug/l	100
22) cis-1,2-Dichloroethene	4.61	96	29173	18.20	ug/l	96
23) tert-Butyl Alcohol	3.07	59	83527	119.02	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	117624	21.53	ug/l	96
25) Chloroform	5.23	83	58305	20.90	ug/l	93
26) Cyclohexane	5.59	56	30893	14.00	ug/l	# 98
29) 1,1-Dichloropropene	5.81	75	34406	16.86	ug/l	99
30) 2-Butanone	4.72	43	193976	123.47	ug/l	99
31) 2,2-Dichloropropane	4.60	77	44063	20.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	48396	19.60	ug/l	98
33) Carbon Tetrachloride	5.80	117	38590	17.60	ug/l	97
34) Benzene	6.15	78	109288	18.61	ug/l	94
35) Methacrylonitrile	5.07	41	32142	22.22	ug/l	89
36) 1,2-Dichloroethane	6.21	62	45147	20.27	ug/l	99
37) Trichloroethene	7.23	130	31450	18.12	ug/l	88
38) Methylcyclohexane	7.47	83	36189	14.79	ug/l	96
39) 1,2-Dichloropropane	7.52	63	30719	20.95	ug/l	94
40) Dibromomethane	7.67	93	24078	21.31	ug/l	94

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Quant Time: Mar 08 13:12:27 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	45417	21.15	ug/l	99
42) Vinyl Acetate	3.84	43	487184	121.67	ug/l	98
43) Ethyl Acetate	4.87	43	60866	22.06	ug/l	99
44) Isopropyl Acetate	6.48	43	91621	22.63	ug/l	97
45) 1,4-Dioxane	7.77	88	21903	430.14	ug/l	99
46) Methyl methacrylate	7.79	41	44113	22.40	ug/l	92
47) n-amyl Acetate	10.91	43	82139	23.24	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	51403	20.56	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	51569	21.20	ug/l	95
50) 1,1,2-Trichloroethane	9.23	97	37842	22.81	ug/l	97
51) Ethyl methacrylate	9.19	69	53854	21.19	ug/l	90
52) 1,3-Dichloropropane	9.38	76	59187	22.25	ug/l	98
53) Dibromochloromethane	9.59	129	38703	20.97	ug/l	100
54) 1,2-Dibromoethane	9.68	107	38232	20.68	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	109295	98.49	ug/l	98
56) Bromoform	10.87	173	30421	20.35	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	370318	121.91	ug/l	99
59) 2-Hexanone	9.51	43	317145	123.30	ug/l	98
61) Tetrachloroethene	9.34	164	28718	17.05	ug/l	95
62) Toluene	8.79	91	132811	18.41	ug/l	99
64) Chlorobenzene	10.15	112	98058	20.11	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	36631	21.21	ug/l	98
66) Ethyl Benzene	10.26	91	163575	19.86	ug/l	100
67) m/p-Xylenes	10.37	106	125727	38.94	ug/l	99
68) o-Xylene	10.71	106	63357	20.20	ug/l	99
69) Styrene	10.72	104	107685	20.73	ug/l	98
70) Isopropylbenzene	11.02	105	175892	20.75	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	69606	23.86	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	61597m	23.54	ug/l	
73) Bromobenzene	11.26	156	44820	20.17	ug/l	93
74) n-propylbenzene	11.37	91	211318	21.27	ug/l	98
75) 2-Chlorotoluene	11.43	91	119699	20.95	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	150727	20.98	ug/l	72
77) t-1,4-Dichloro-2-butene	11.09	75	19309	20.87	ug/l	86
78) 4-Chlorotoluene	11.52	91	144755	21.15	ug/l	99
79) tert-butylbenzene	11.78	119	156124m	21.83	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	154060	21.02	ug/l	99
81) sec-Butylbenzene	11.96	105	192342	21.76	ug/l	99
82) p-Isopropyltoluene	12.07	119	168511	21.37	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	90404	21.36	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	91080	20.65	ug/l	98
85) n-Butylbenzene	12.40	91	163503	22.11	ug/l	99
86) Hexachloroethane	12.60	117	28267	21.46	ug/l	93
87) 1,2-Dichlorobenzene	12.40	146	90923	21.68	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20071	24.61	ug/l	87
89) 1,2,4-Trichlorobenzene	13.65	180	66023	21.44	ug/l	99
90) Hexachlorobutadiene	13.79	225	26477	19.95	ug/l	98
91) Naphthalene	13.84	128	240904	22.38	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	66455	21.46	ug/l	99

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ClientSampleId :
VX0308WBSD01

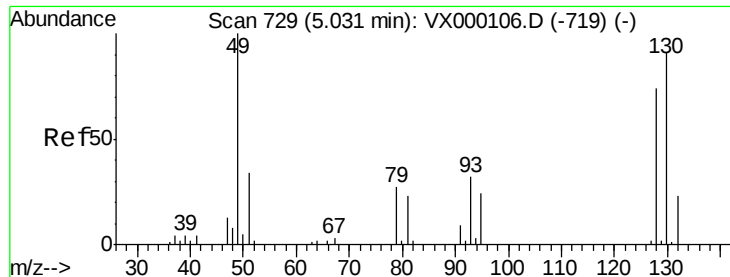
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



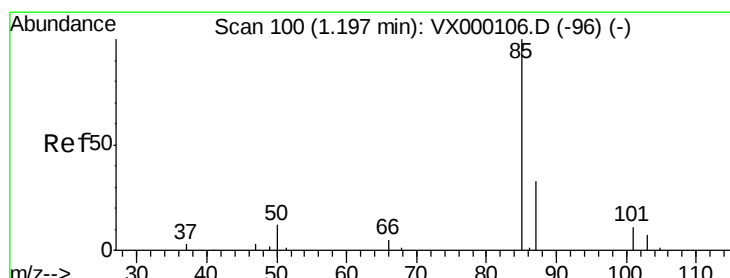
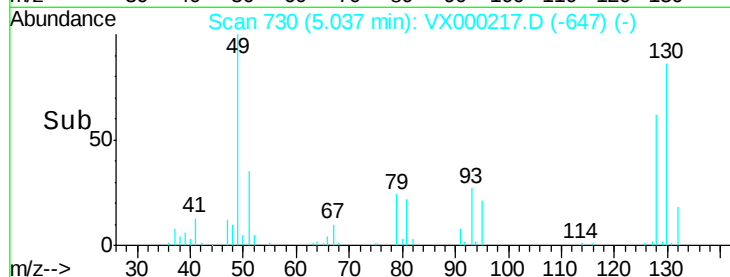
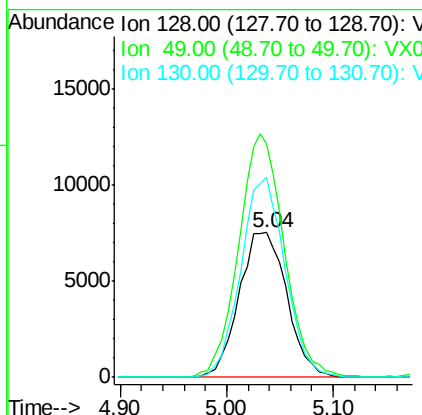
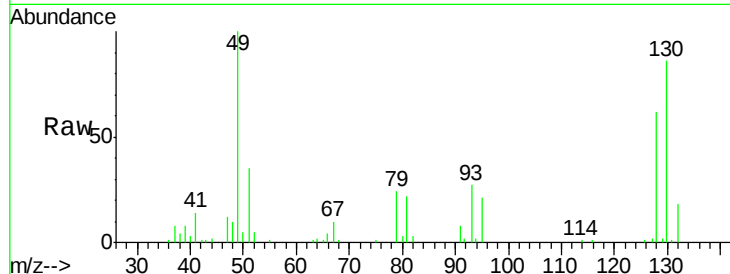
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.7	0.0	378.3
130	127.9	0.0	324.3

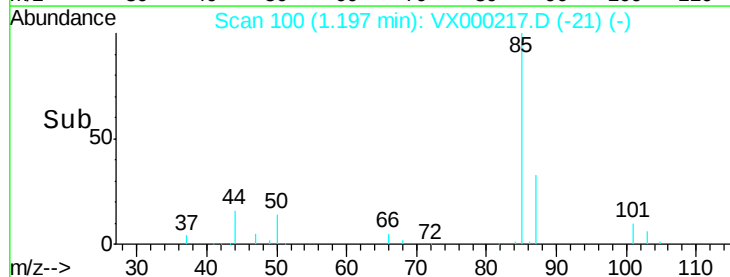
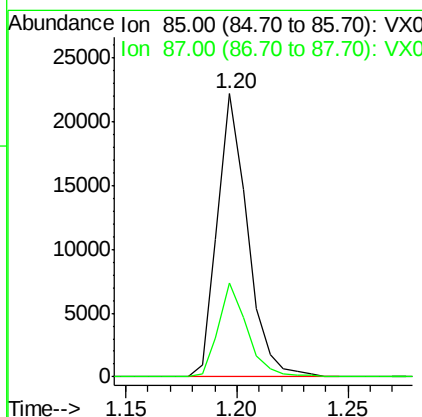
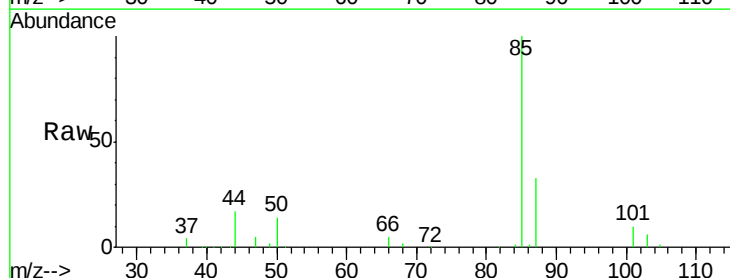
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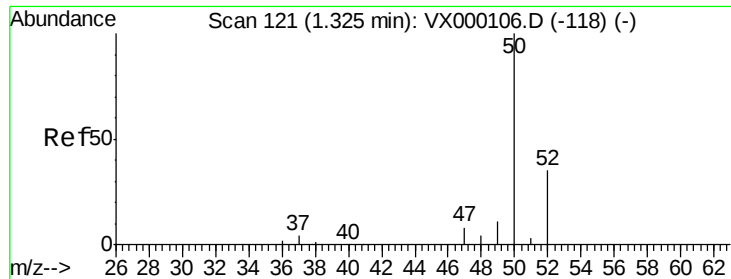
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#2
 Dichlorodifluoromethane
 Concen: 14.23 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.7





#3

Chloromethane

Concen: 12.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 50 Resp: 18427

Ion Ratio Lower Upper

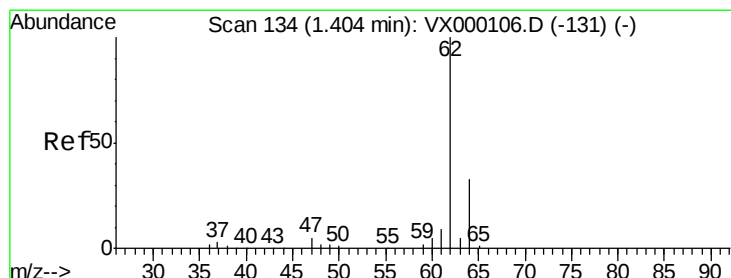
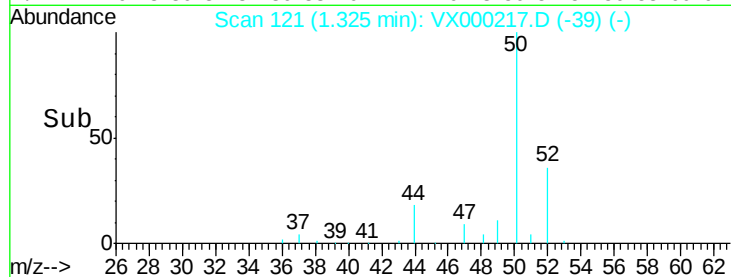
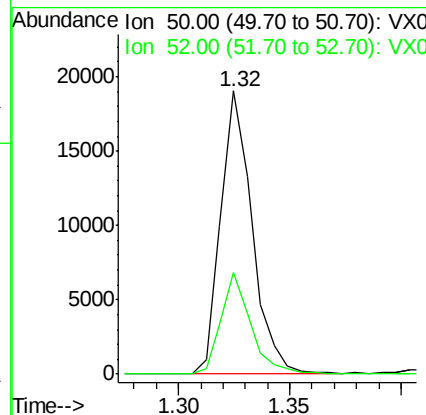
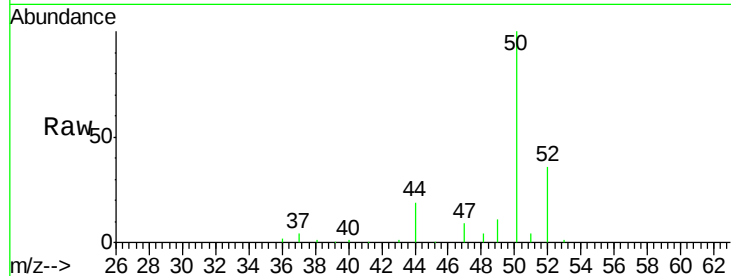
50 100

52 36.2 27.8 41.6

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#4

Vinyl Chloride

Concen: 13.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000217.D

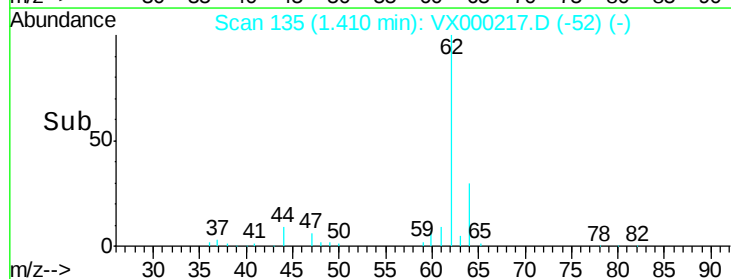
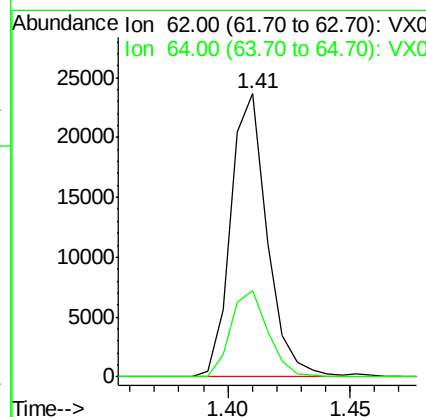
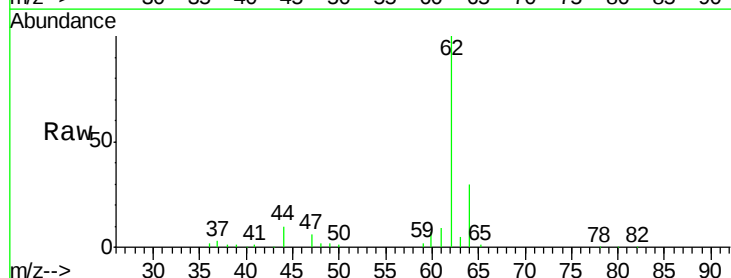
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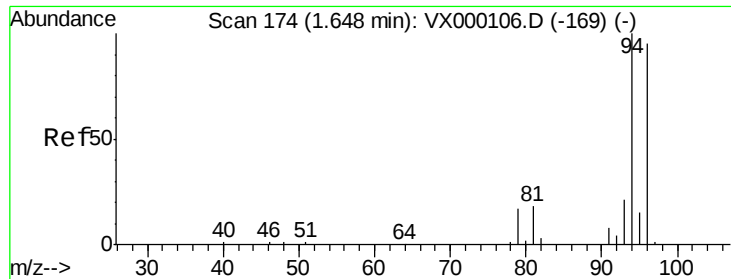
Tgt Ion: 62 Resp: 24446

Ion Ratio Lower Upper

62 100

64 30.3 26.0 39.0





#5

Bromomethane

Concen: 12.37 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

Tot Ion: 94 Resp: 20023

Ion Ratio Lower Upper

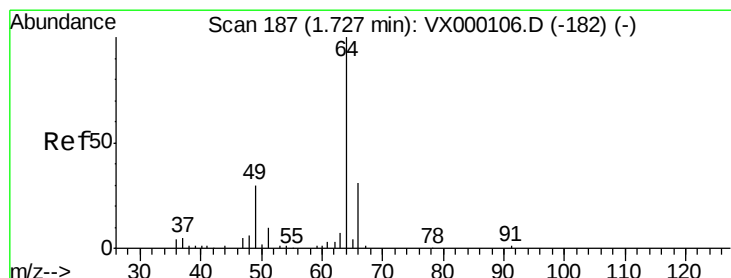
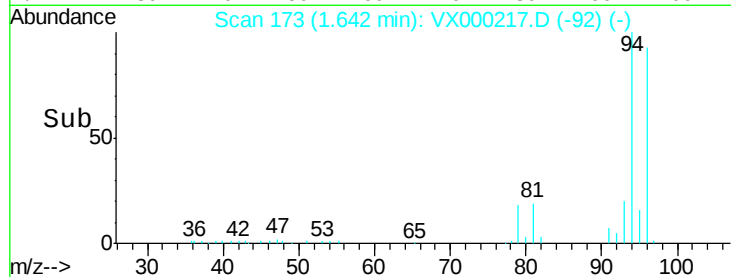
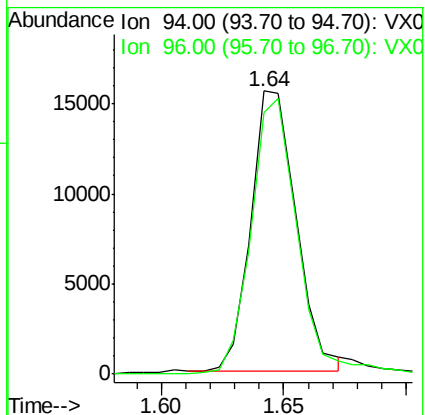
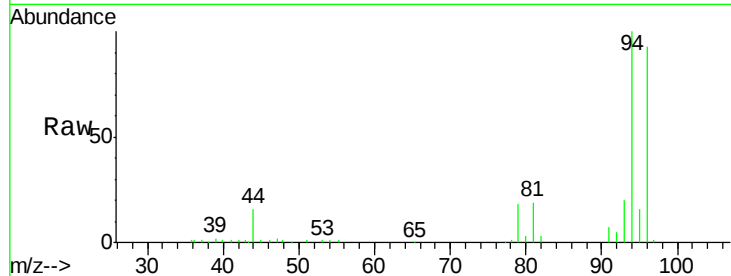
94 100

96 93.6 76.2 114.2

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#6

Chloroethane

Concen: 15.66 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000217.D

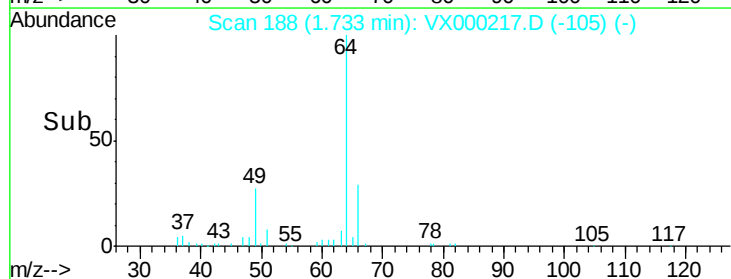
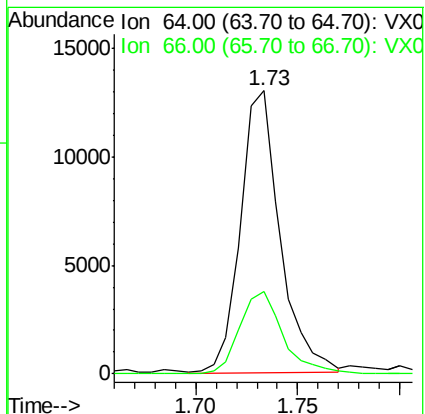
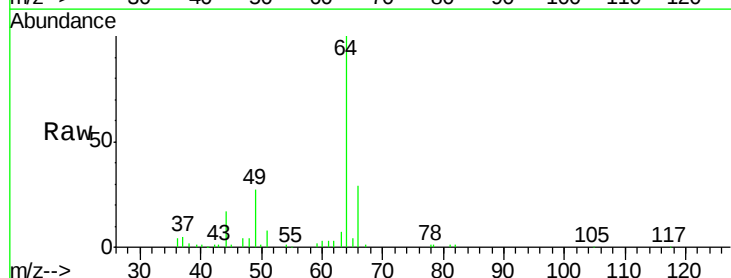
Acq: 08 Mar 2018 11:31

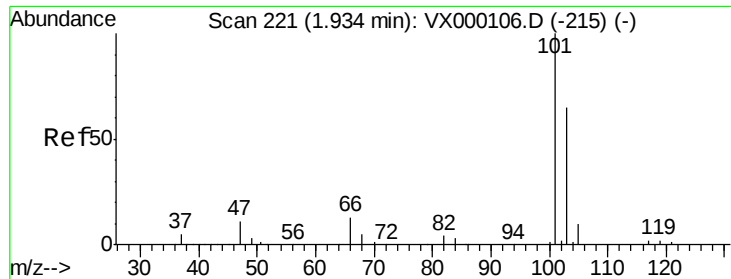
Tgt Ion: 64 Resp: 17608

Ion Ratio Lower Upper

64 100

66 29.4 25.2 37.8





#7

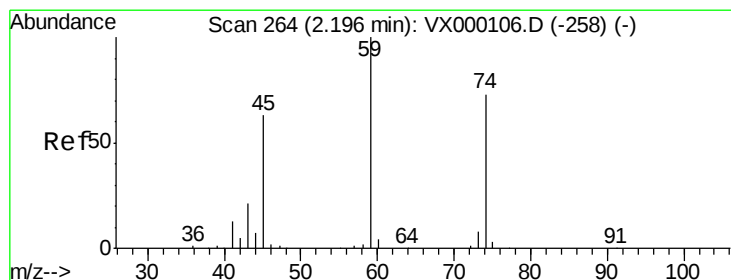
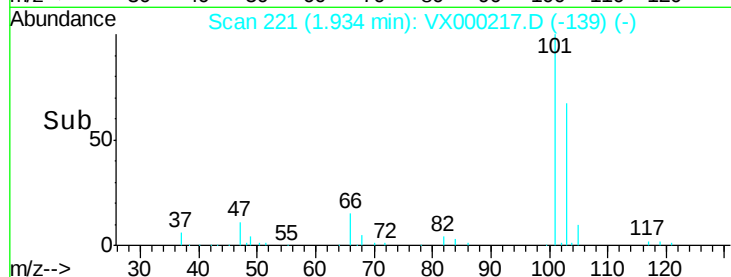
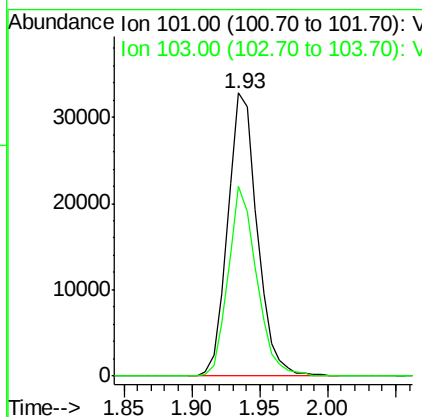
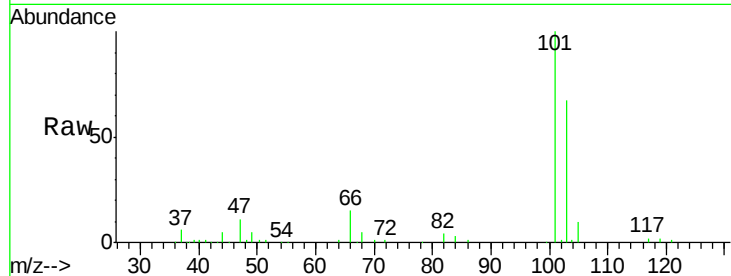
Trichlorofluoromethane
Concen: 16.32 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.2	78.4

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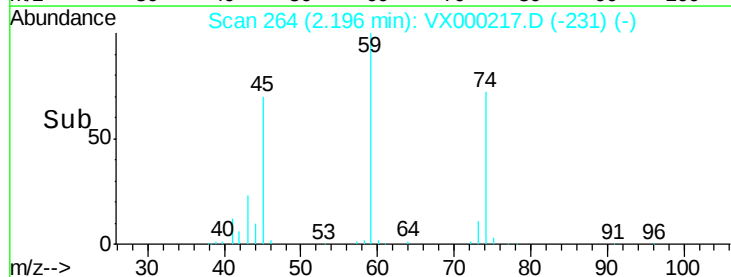
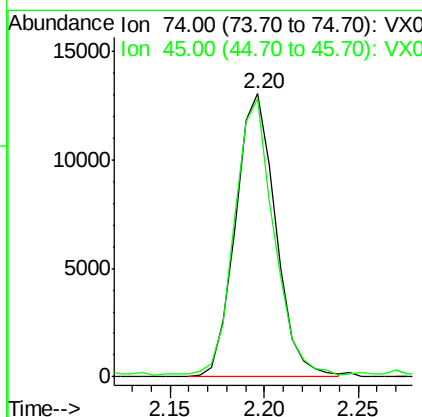
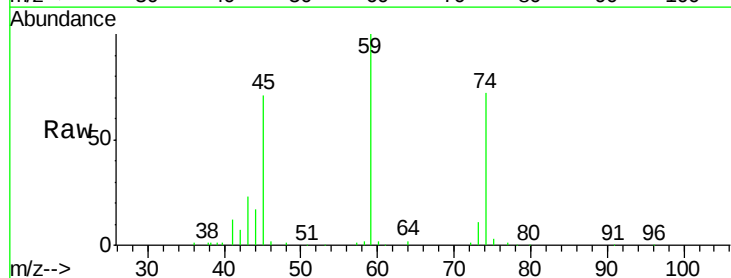
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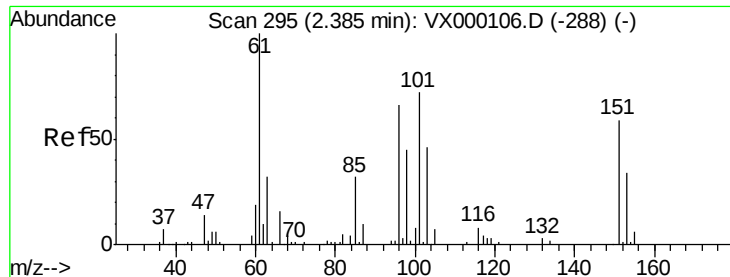


#8

Diethyl Ether
Concen: 18.11 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.80 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

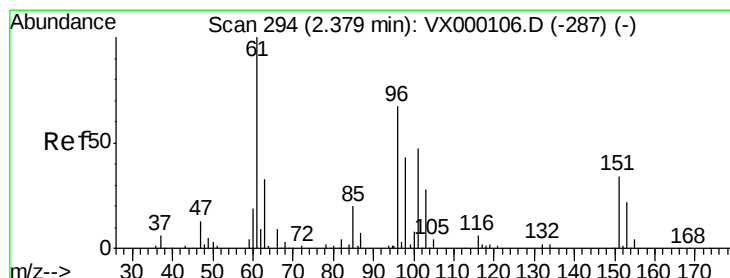
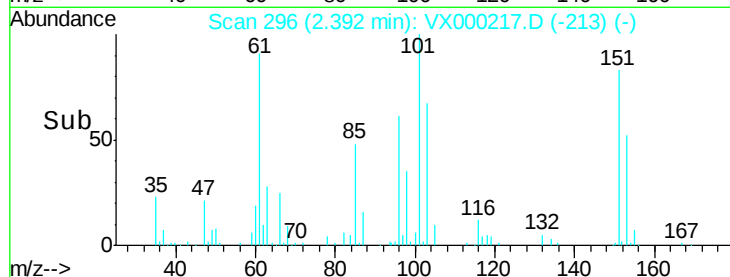
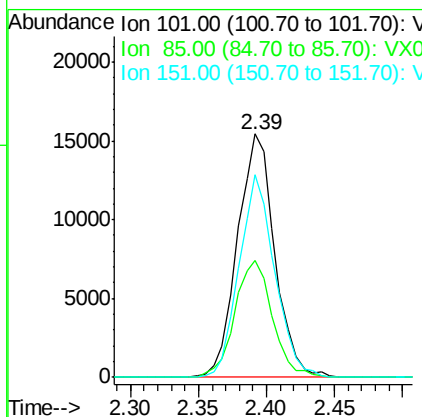
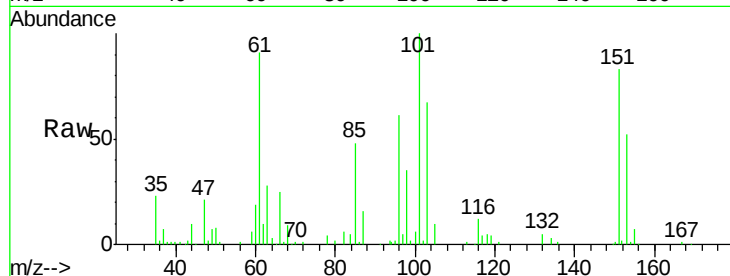
ClientSampleId :

VX0308WBSD01

Tot Ion:	101	Resp:	29551
Ion Ratio	Lower	Upper	
101	100		
85	48.3	0.0	90.4
151	79.7	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 14.85 ug/l

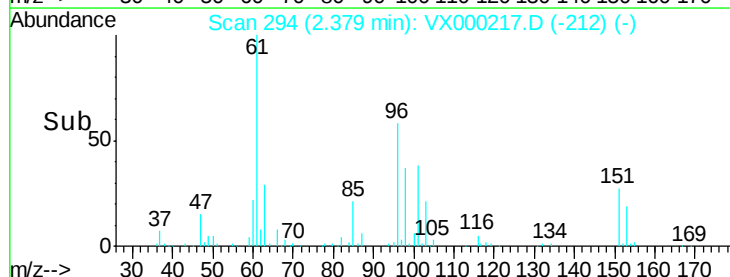
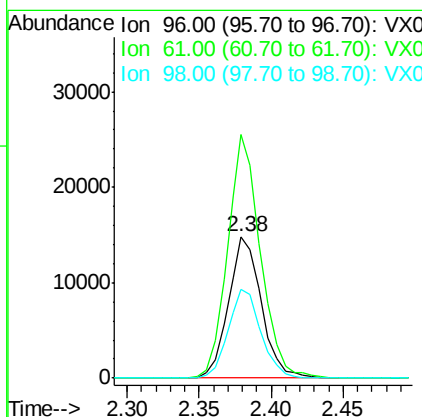
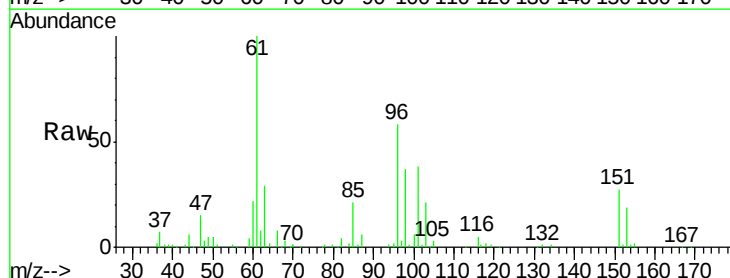
RT: 2.38 min Scan# 294

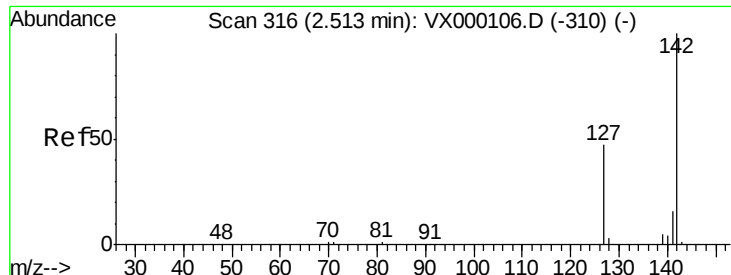
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	96	Resp:	23538
Ion Ratio	Lower	Upper	
96	100		
61	172.3	118.6	178.0
98	63.0	51.0	76.6





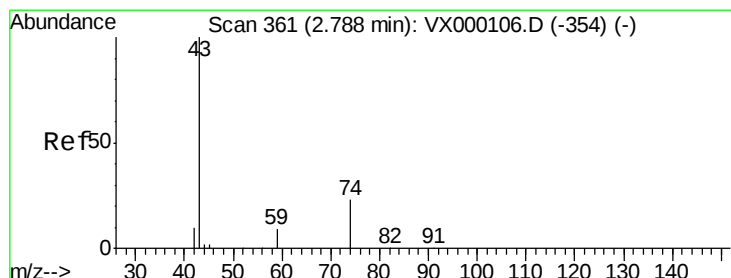
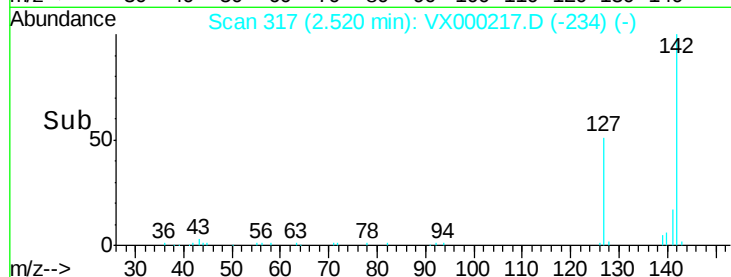
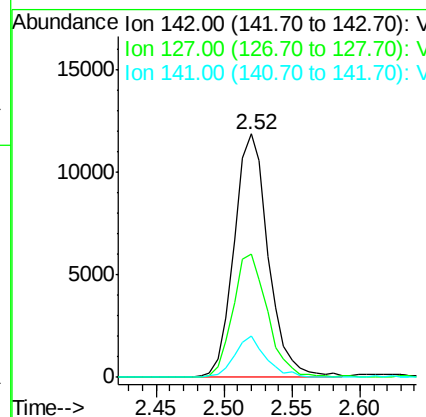
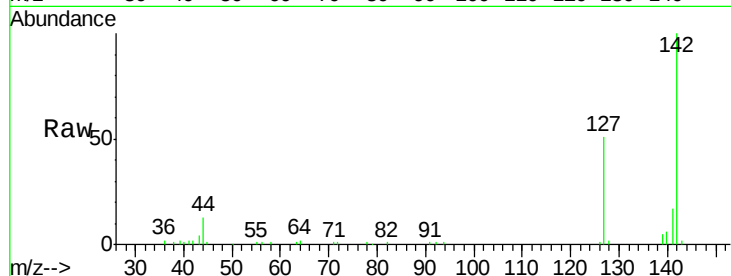
#11
Methyl Iodide
Concen: 13.52 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.6	23.8	71.5
141	16.9	8.2	24.4

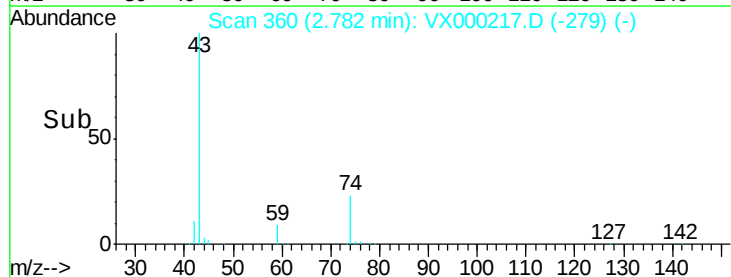
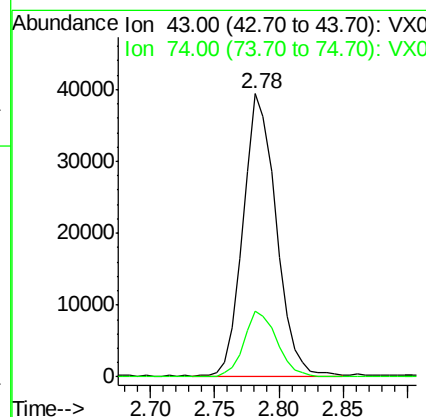
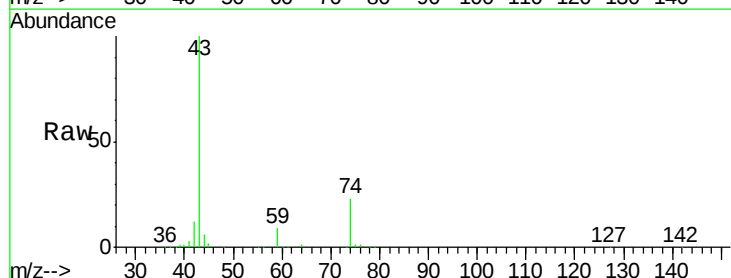
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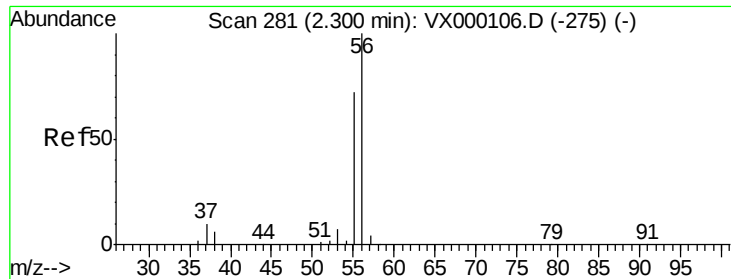
apatel
3/9/2018 9:38:14 AM



#12
Methyl Acetate
Concen: 24.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.6	27.8





#13

Acrolein

Concen: 182.35 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 56 Resp: 62171

Ion Ratio Lower Upper

56 100

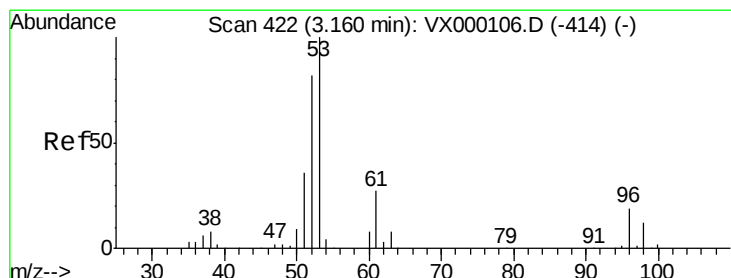
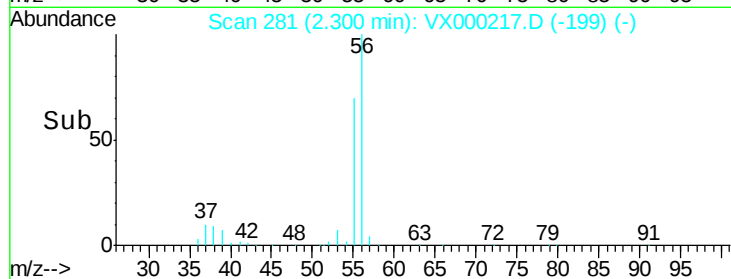
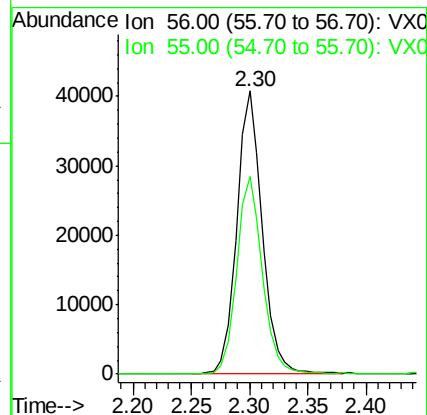
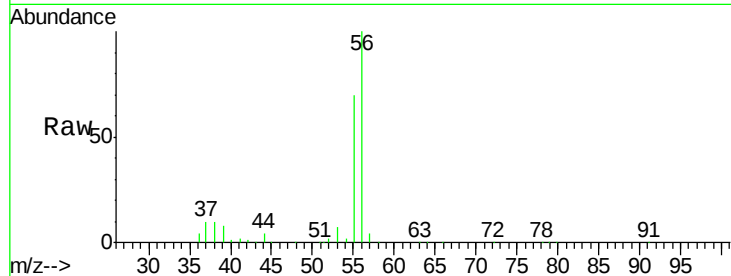
55 70.1 57.3 85.9

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#14

Acrylonitrile

Concen: 111.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

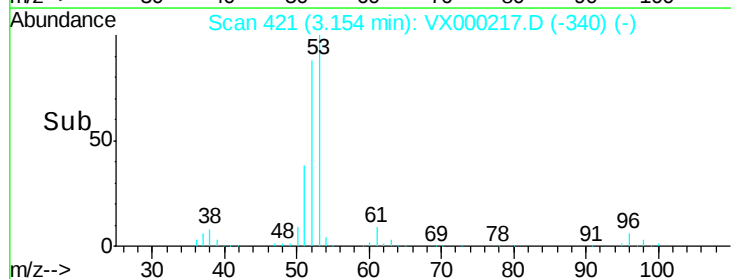
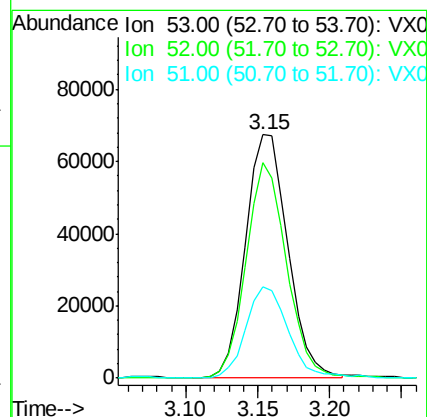
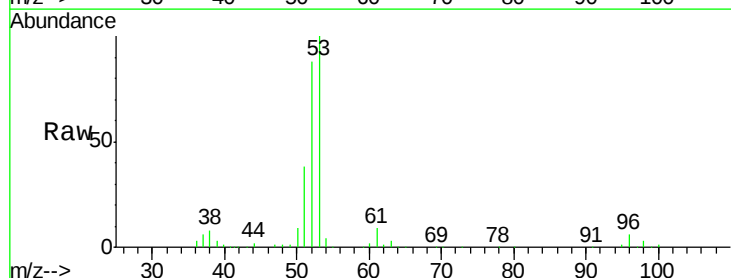
Tgt Ion: 53 Resp: 137220

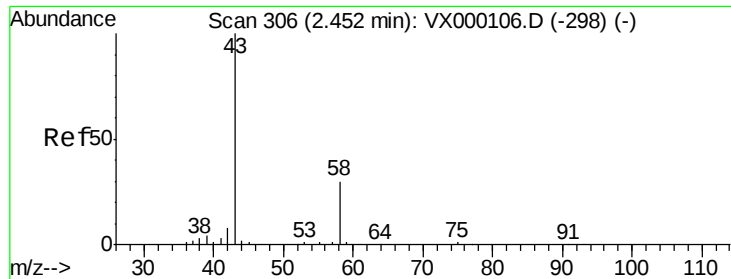
Ion Ratio Lower Upper

53 100

52 84.8 41.9 125.8

51 37.5 18.8 56.3





#15

Acetone

Concen: 126.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 58 Resp: 50694

Ion Ratio Lower Upper

58 100

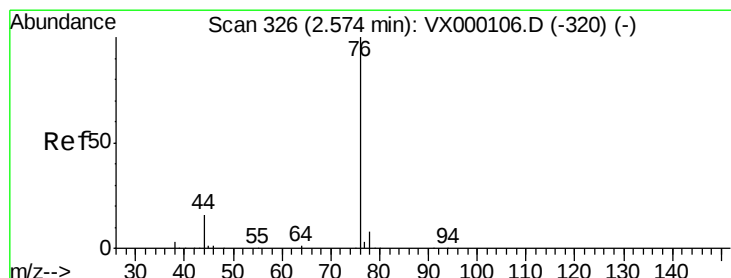
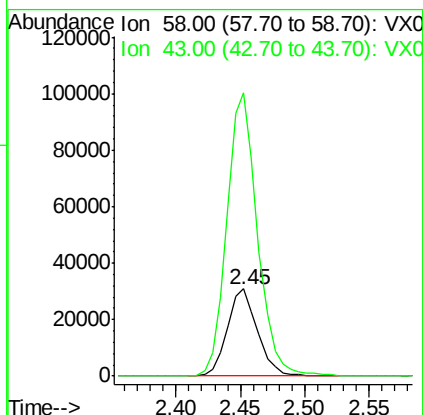
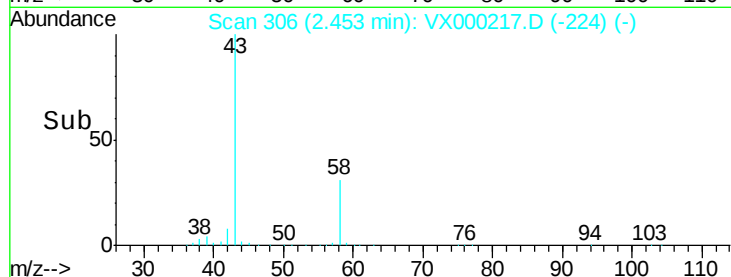
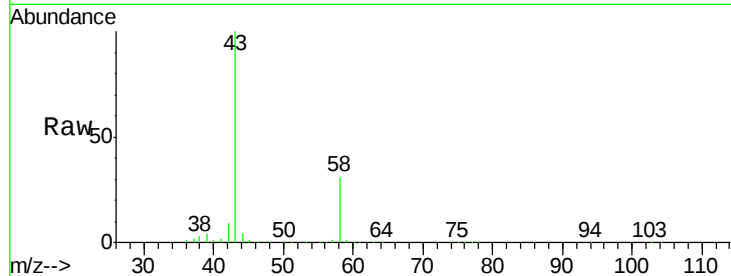
43 325.3 264.6 396.8

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#16

Carbon Disulfide

Concen: 7.41 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000217.D

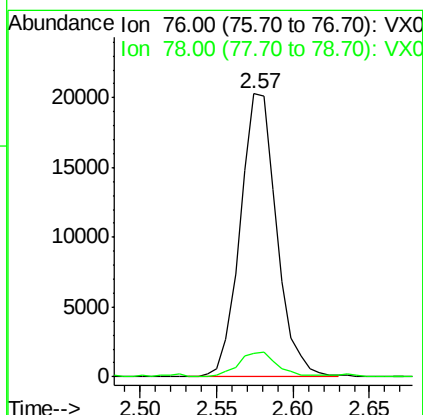
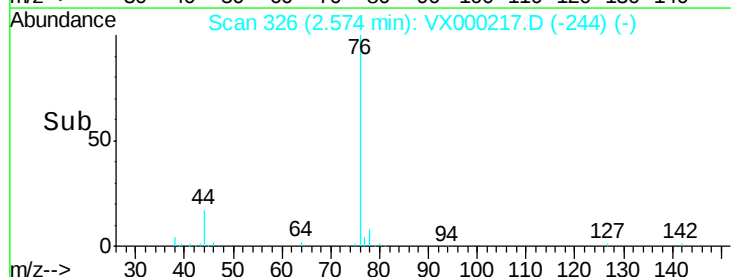
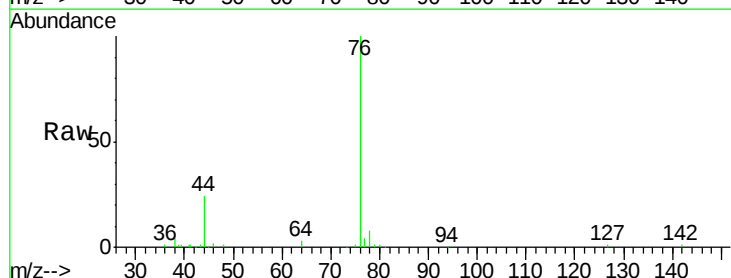
Acq: 08 Mar 2018 11:31

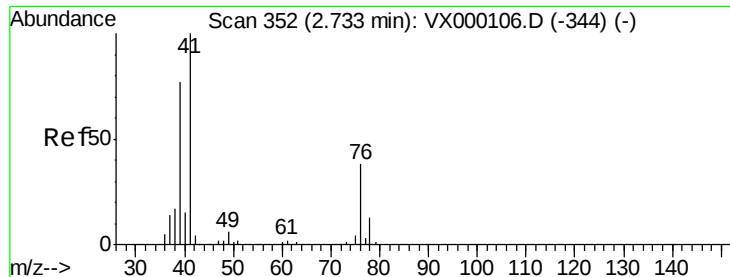
Tgt Ion: 76 Resp: 33582

Ion Ratio Lower Upper

76 100

78 8.1 6.8 10.2





#17

Allvl chloride

Concen: 18.68 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

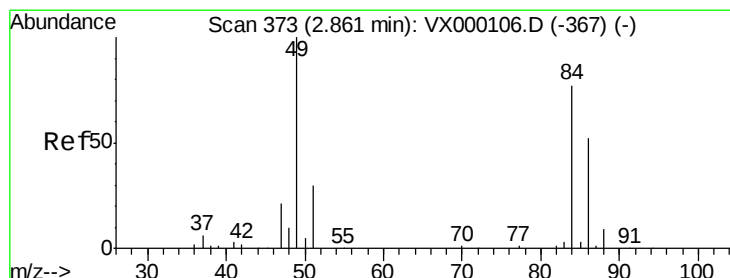
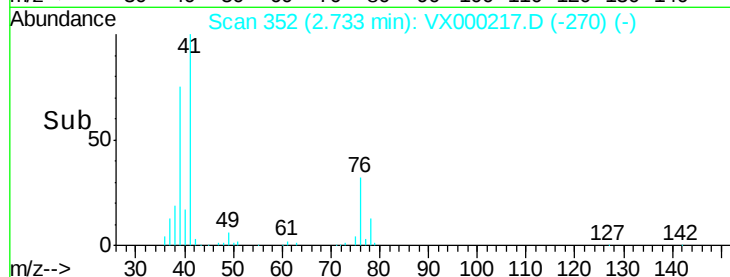
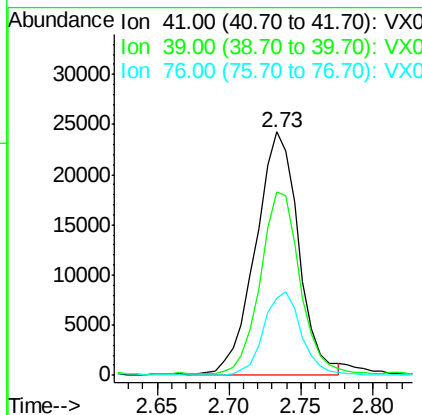
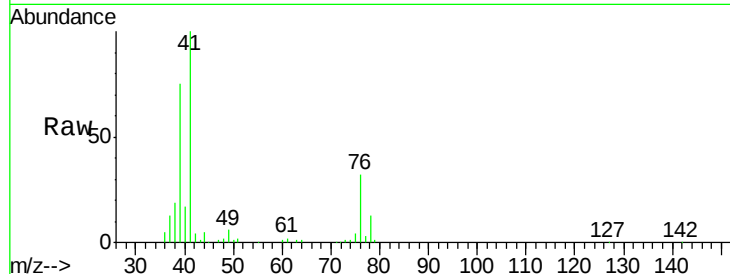
ClientSampleId :

VX0308WBSD01

Tot Ion:	41	Resp:	50505
Ion	Ratio	Lower	Upper
41	100		
39	74.4	38.5	115.5
76	31.7	18.7	56.1

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#18

Methylene Chloride

Concen: 17.76 ug/l

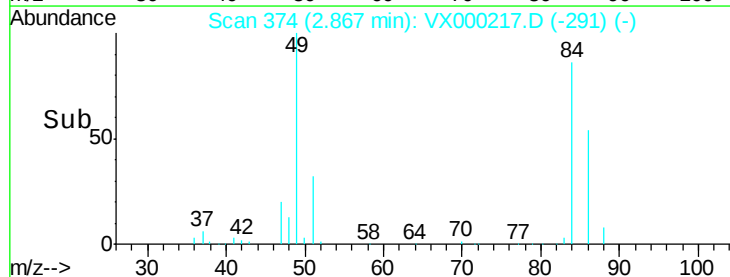
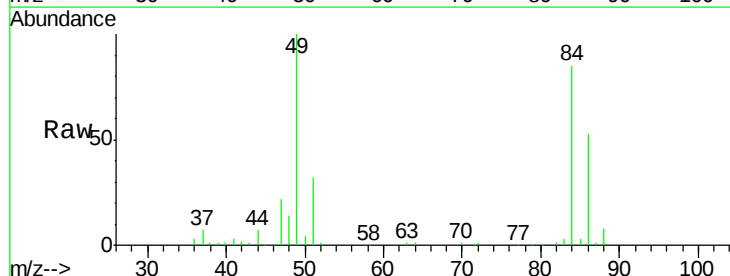
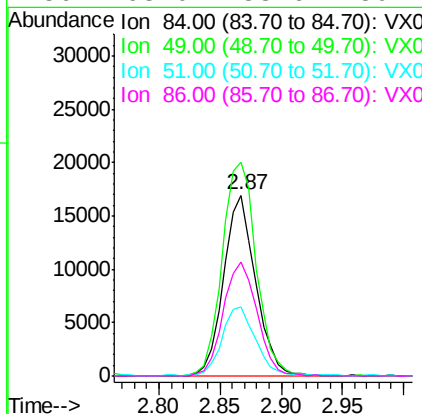
RT: 2.87 min Scan# 374

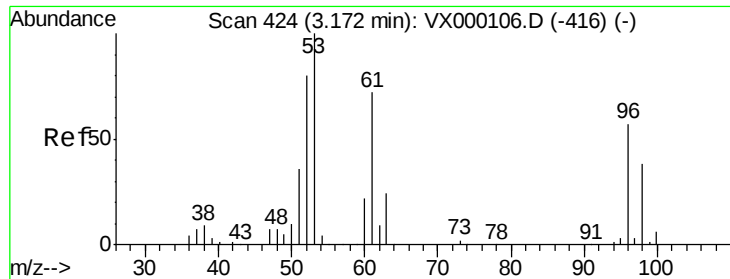
Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	84	Resp:	30691
Ion	Ratio	Lower	Upper
84	100		
49	118.0	103.3	154.9
51	37.4	31.2	46.8
86	63.0	53.6	80.4





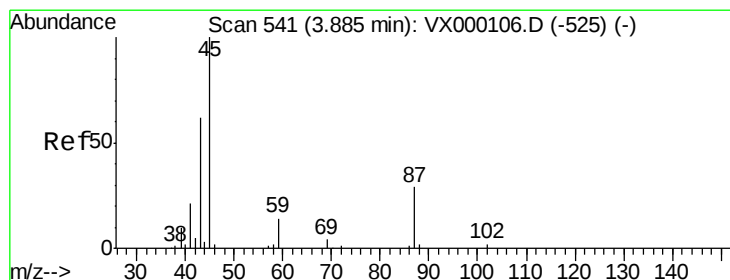
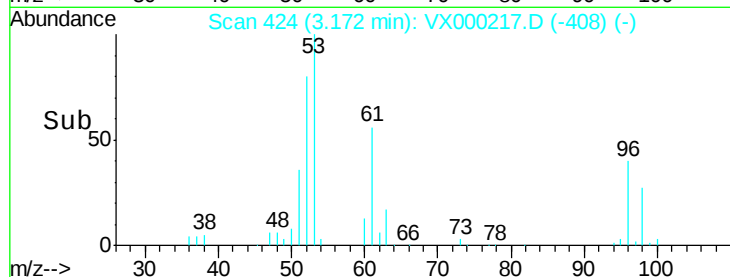
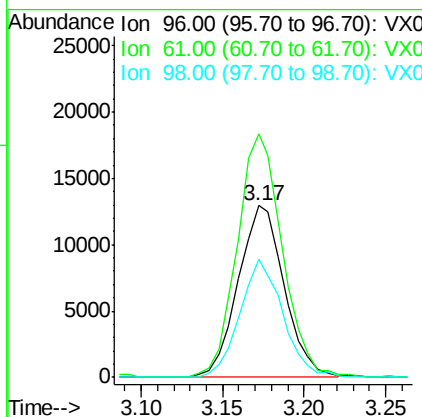
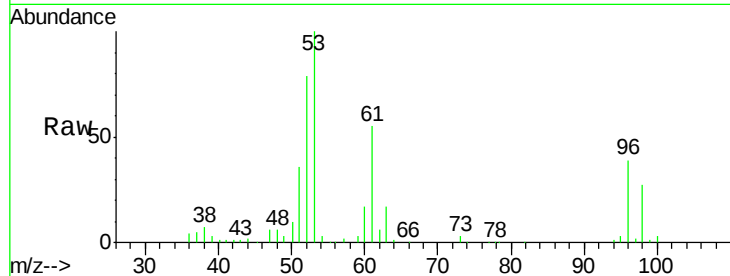
#19
trans-1,2-Dichloroethene
Concen: 14.73 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	141.5	101.0	151.6	
98	69.1	53.3	79.9	

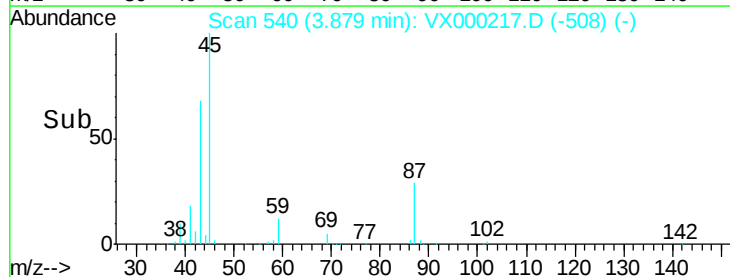
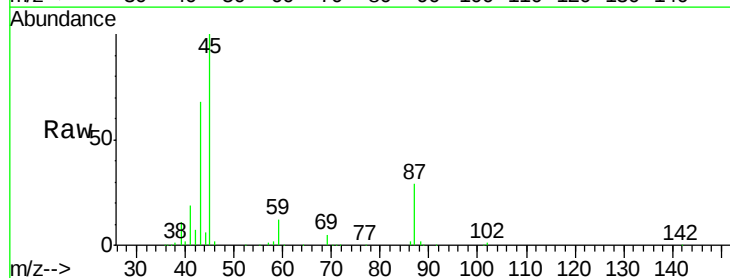
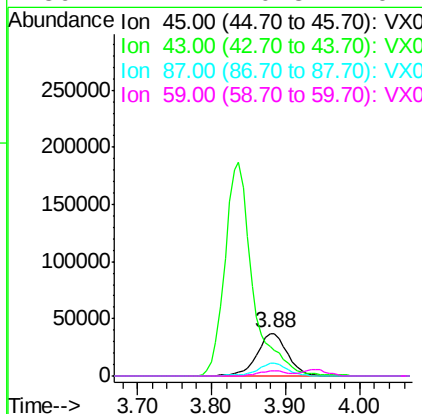
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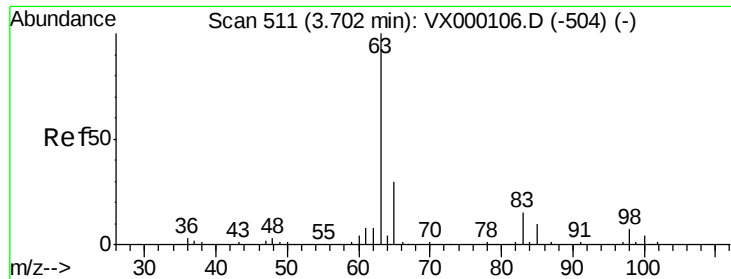
apatel
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#20
Diisopropyl ether
Concen: 24.99 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	67.7	49.6	74.4	
87	28.9	23.1	34.7	
59	11.7	10.8	16.2	





#21

1,1-Dichloroethane

Concen: 20.92 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

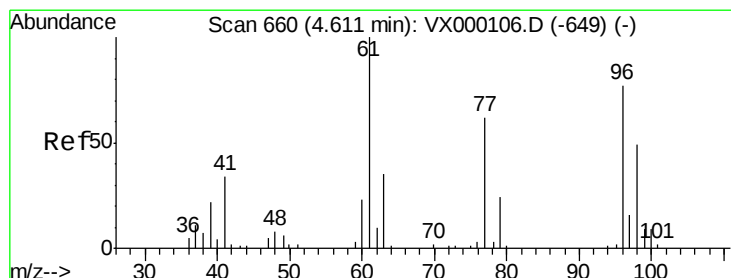
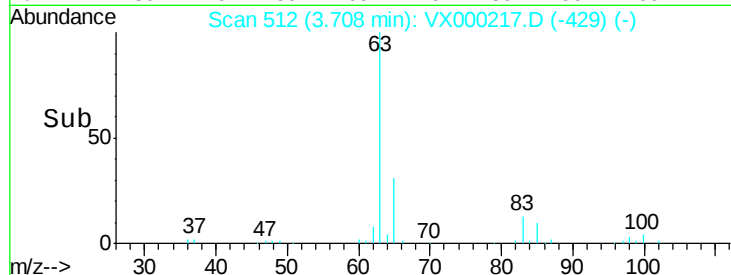
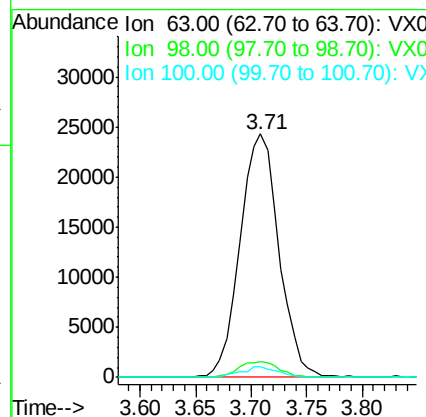
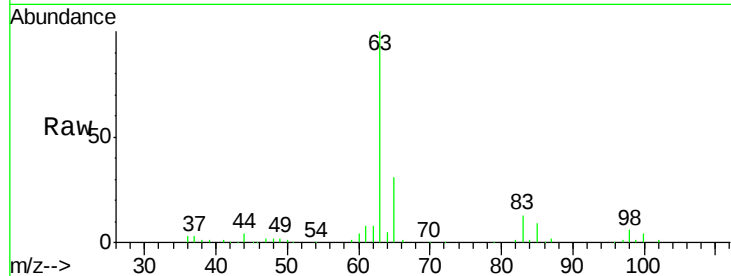
ClientSampleId :

VX0308WBSD01

Tot Ion:	63	Resp:	58864
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.9
100	4.4	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 18.20 ug/l

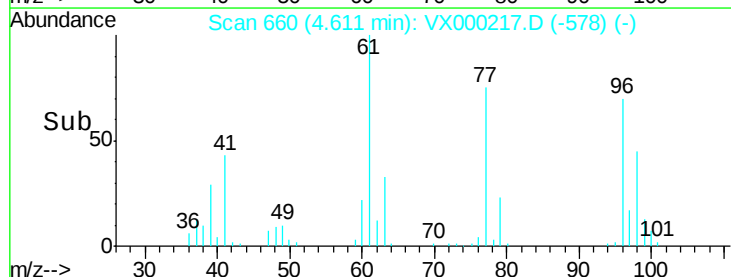
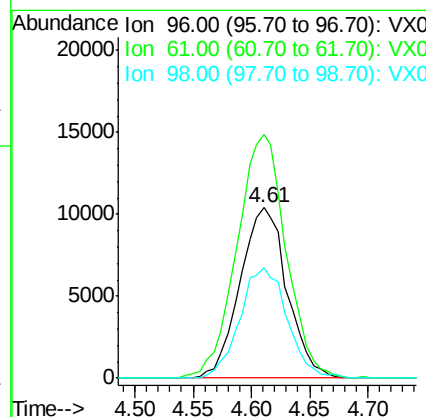
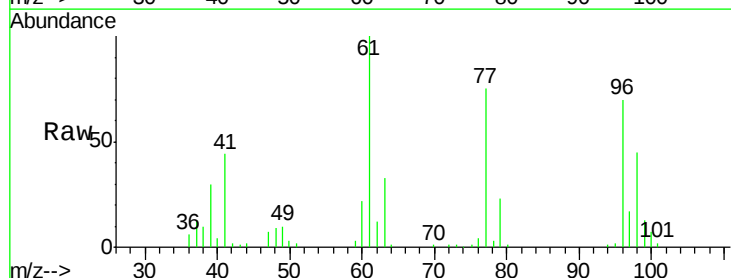
RT: 4.61 min Scan# 660

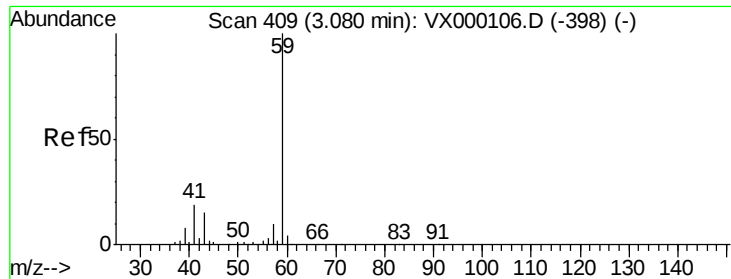
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	96	Resp:	29173
Ion	Ratio	Lower	Upper
96	100		
61	148.9	113.5	170.3
98	64.7	51.8	77.8





#23

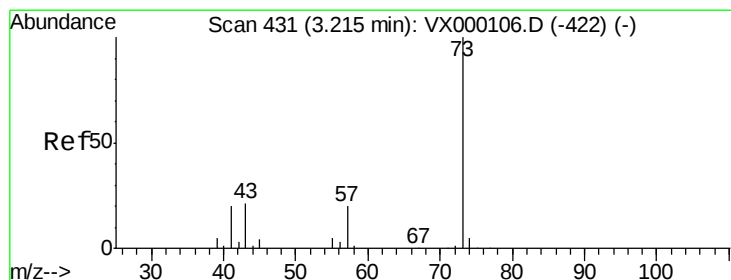
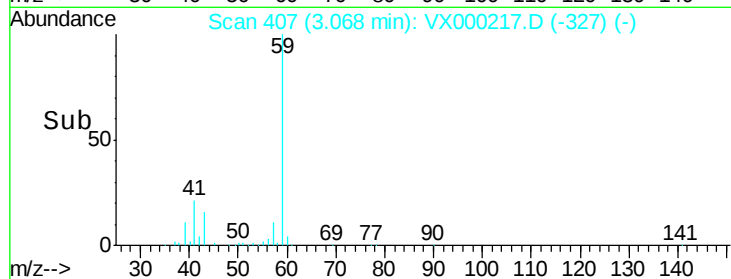
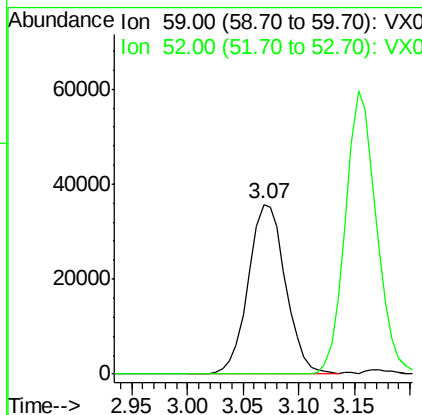
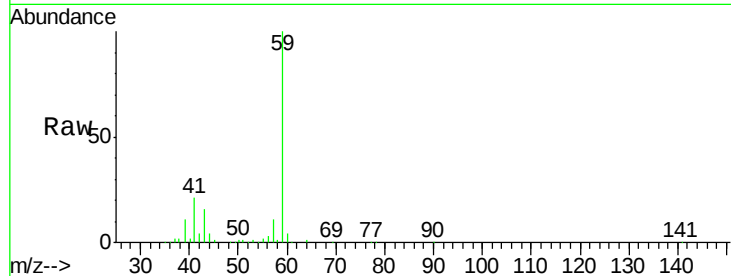
tert-Butyl Alcohol
 Concen: 119.02 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.1	0.1	0.1

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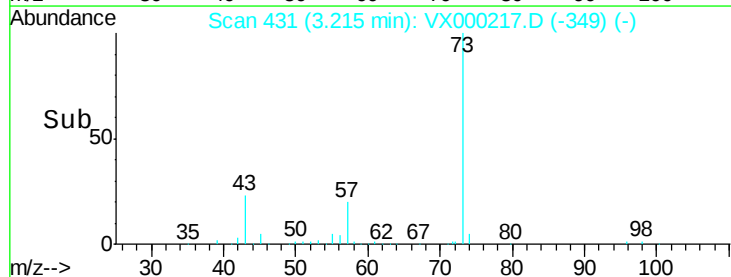
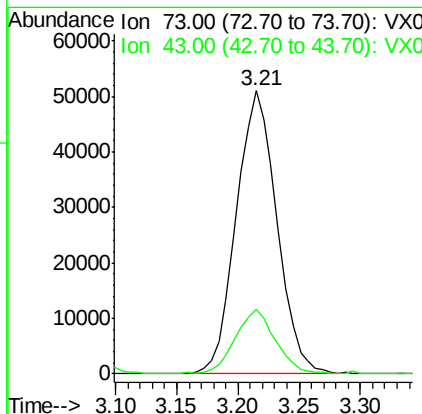
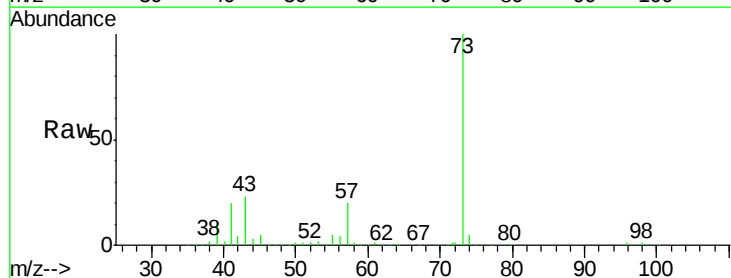
apatel
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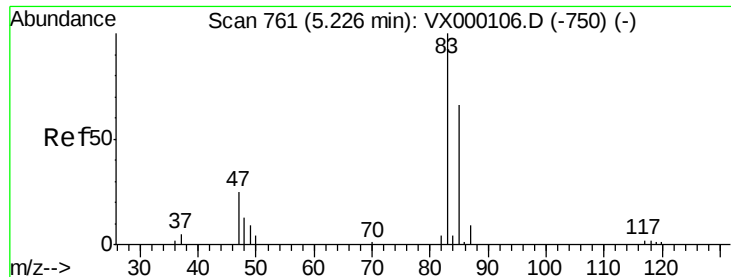


#24

Methyl tert-Butyl Ether
 Concen: 21.53 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	22.4	16.5	24.7	





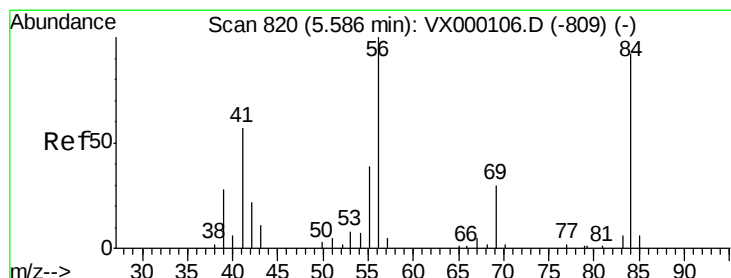
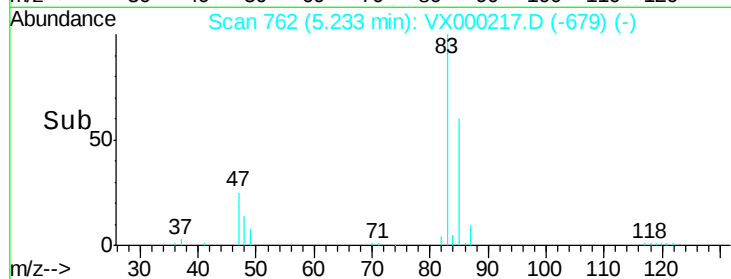
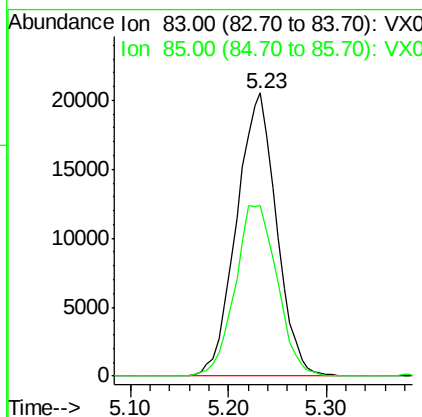
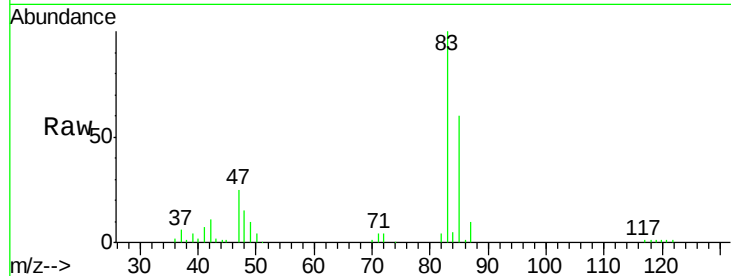
#25
Chloroform
Concen: 20.90 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	83	Resp	58305
Ion Ratio	100	Lower	Upper
85	60.2	52.5	78.7

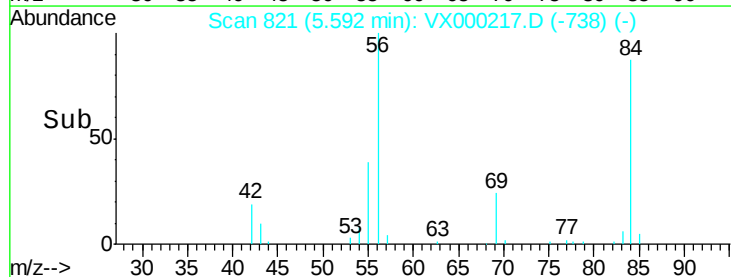
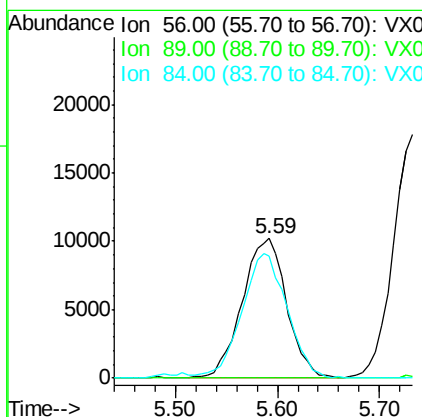
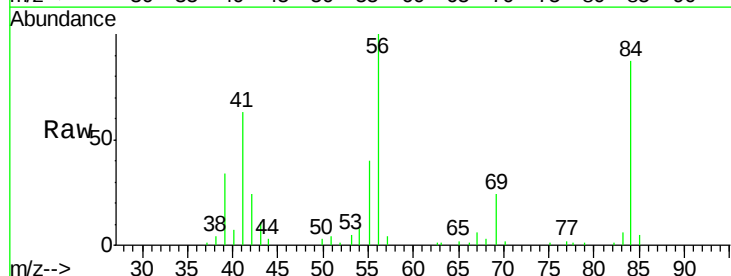
Manual Integrations
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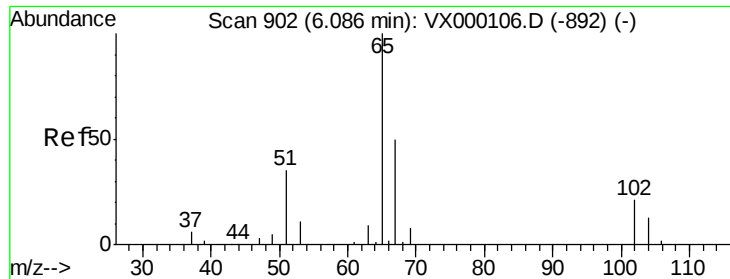
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#26
Cyclohexane
Concen: 14.00 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	56	Resp	30893
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	91.1	74.8	112.2





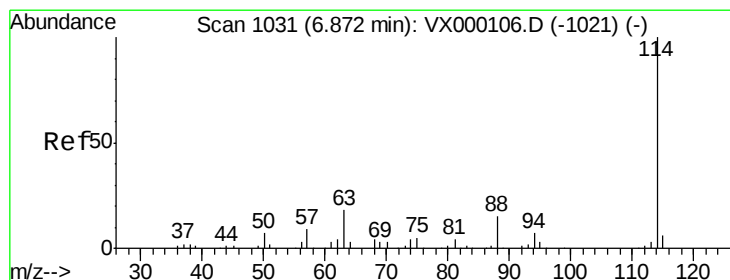
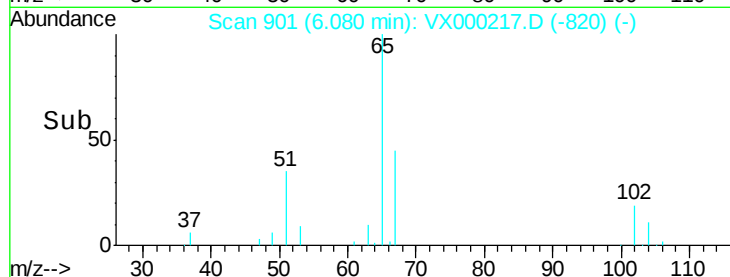
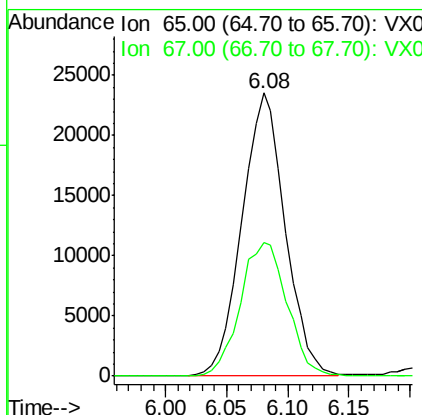
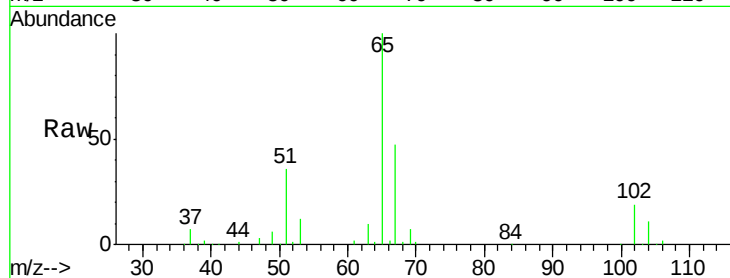
#27
 1,2-Dichloroethane-d4
 Concen: 31.54 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBSD01

Tot Ion: 65 Resp: 57923
 Ion Ratio Lower Upper
 65 100
 67 50.8 41.4 62.2

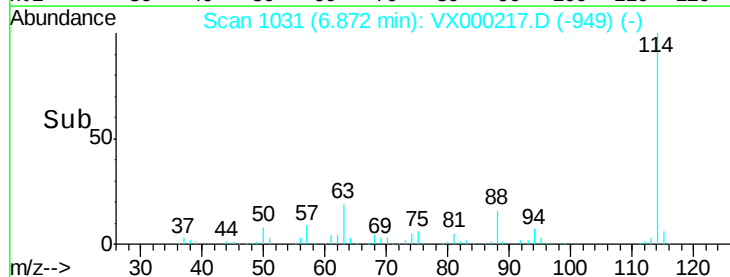
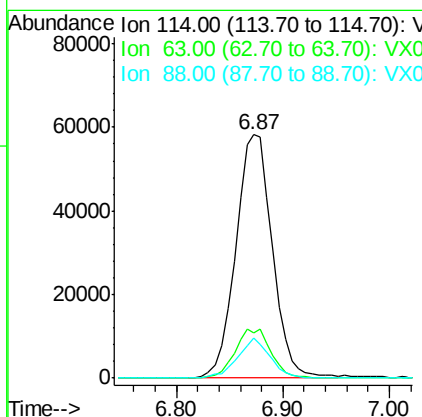
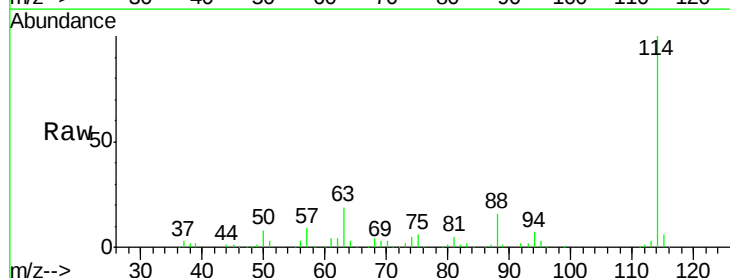
Manual Integrations
 APPROVED

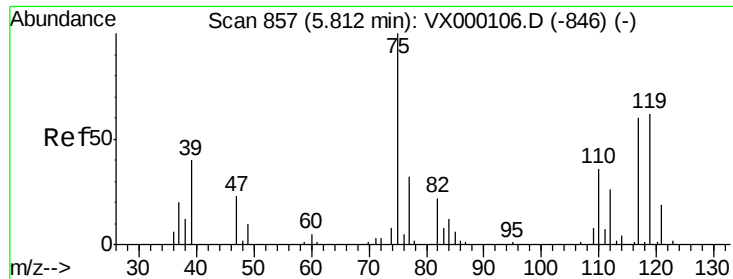
apatel
 3/9/2018 9:38:14 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 114 Resp: 140149
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.0 22.4
 88 14.5 11.8 17.8





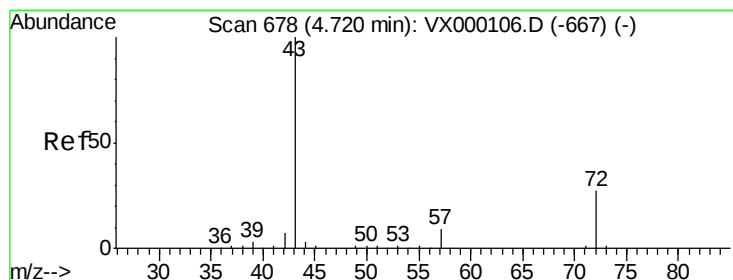
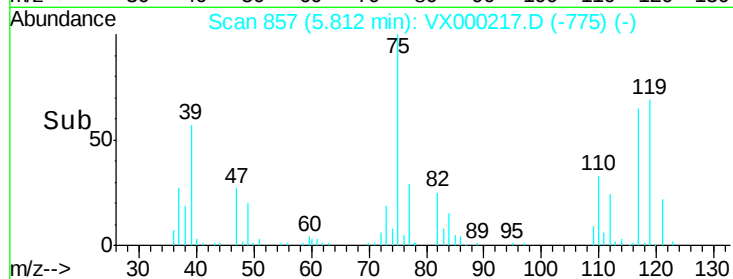
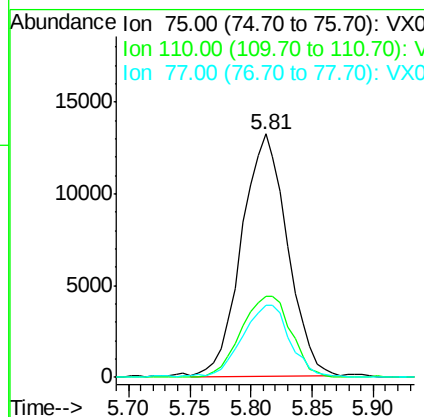
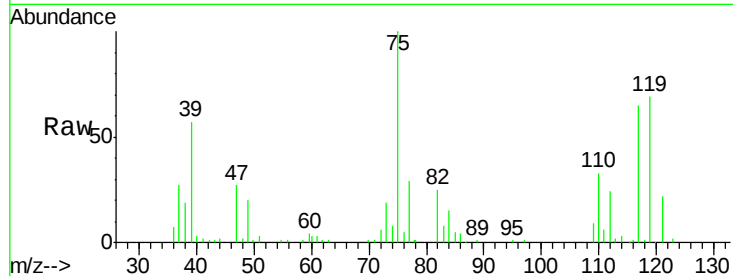
#29
 1,1-Dichloropropene
 Concen: 16.86 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.3	0.0	75.6
77	31.2	0.0	62.6

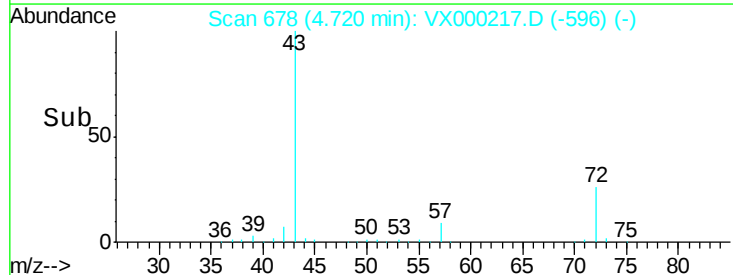
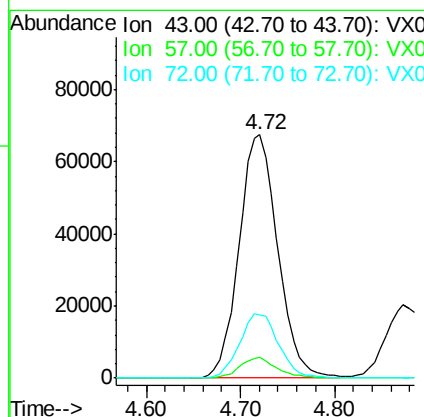
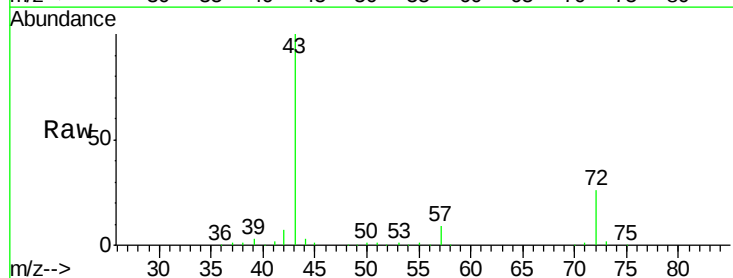
Manual Integrations
 APPROVED

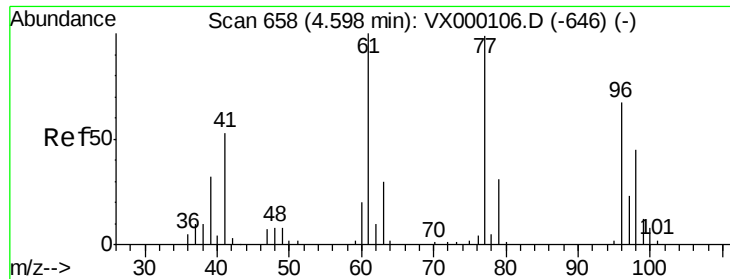
apatel
 3/9/2018 9:38:14 AM



#30
 2-Butanone
 Concen: 123.47 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.6	10.0
72	26.6	21.8	32.6





#31

2,2-Dichloropropane

Concen: 20.07 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 77 Resp: 44063

Ion Ratio Lower Upper

77 100

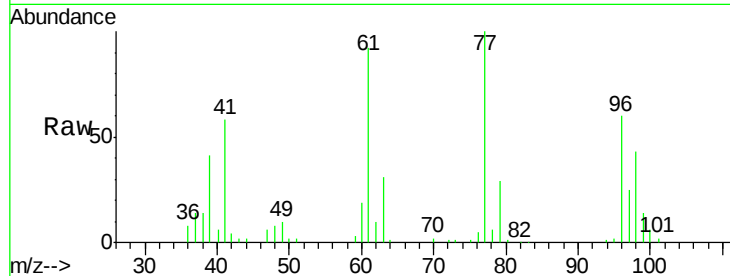
97 22.3 18.6 27.8

Manual Integrations

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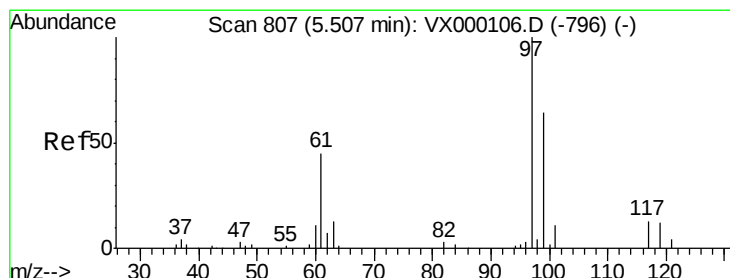
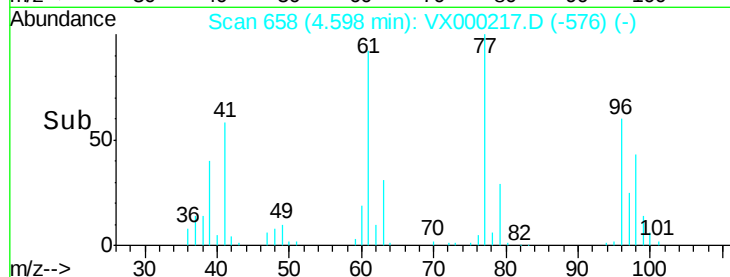
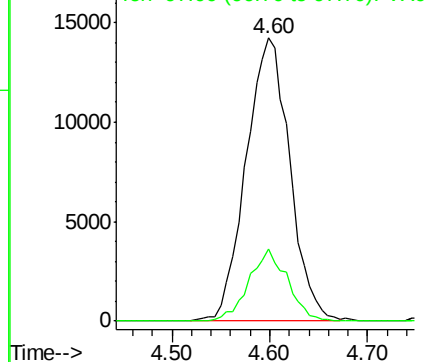
apatel

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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

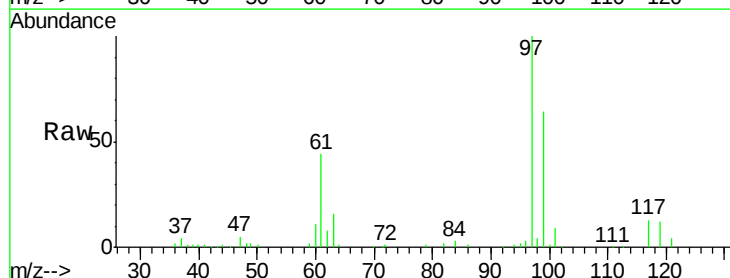
Tgt Ion: 97 Resp: 48396

Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

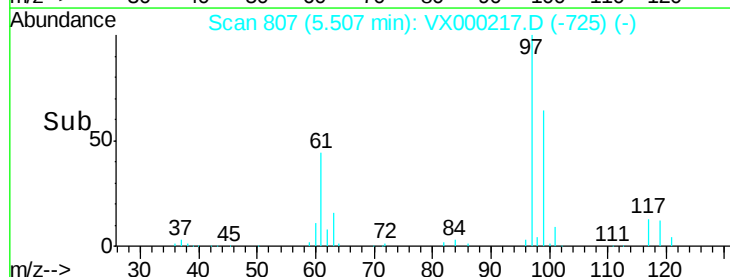
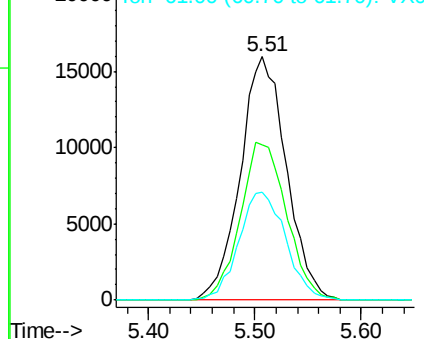
61 45.1 34.3 51.5



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





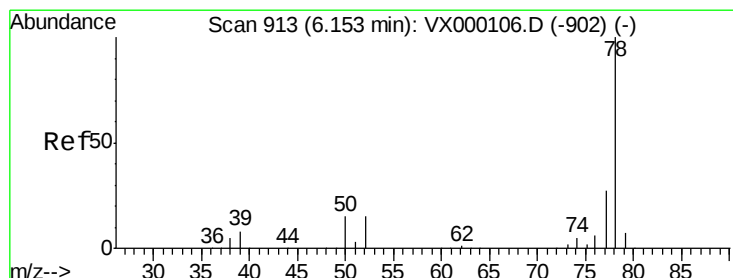
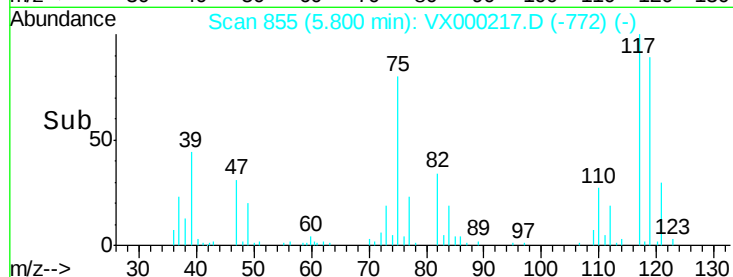
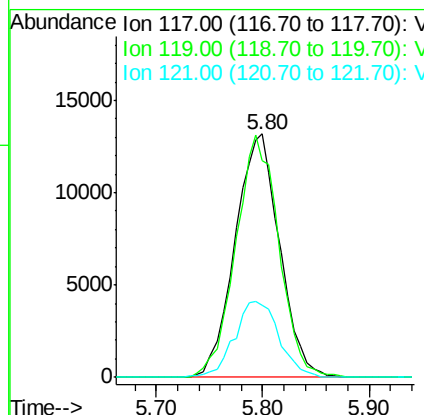
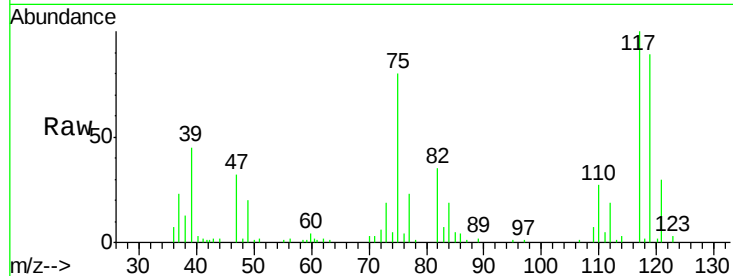
#33
Carbon Tetrachloride
Concen: 17.60 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	88.8	73.5	110.3
121	29.6	24.6	37.0

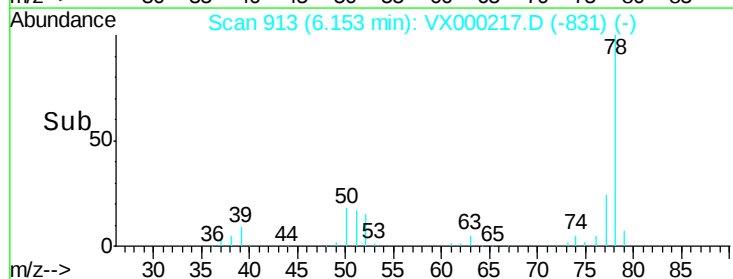
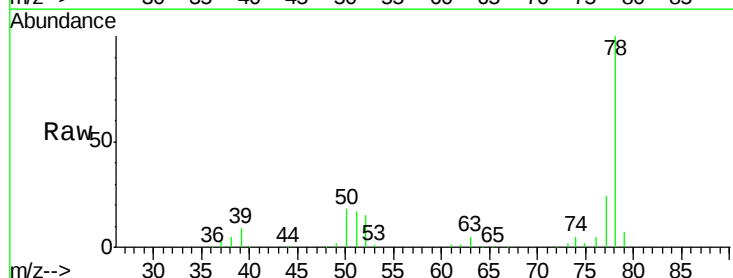
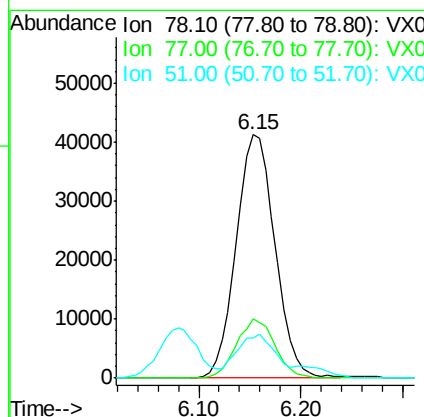
Manual Integrations
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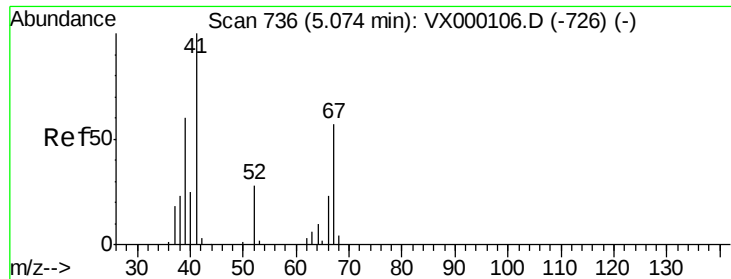
apatel
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#34
Benzene
Concen: 18.61 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	21.7	32.5
51	15.3	14.9	22.3





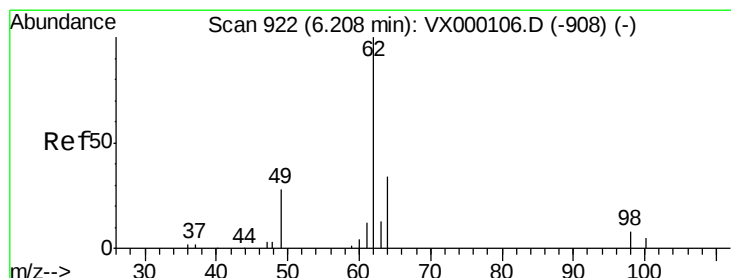
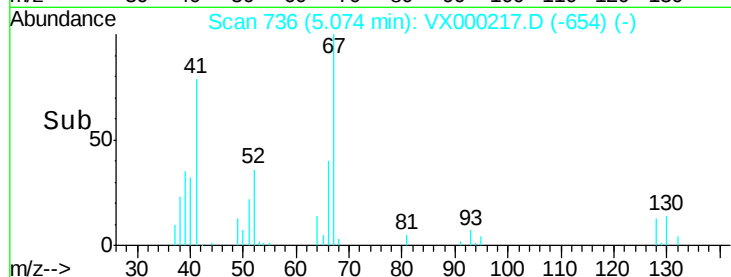
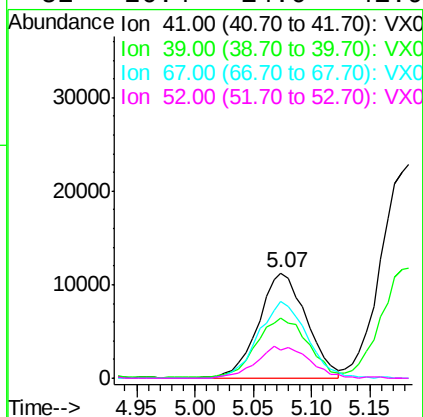
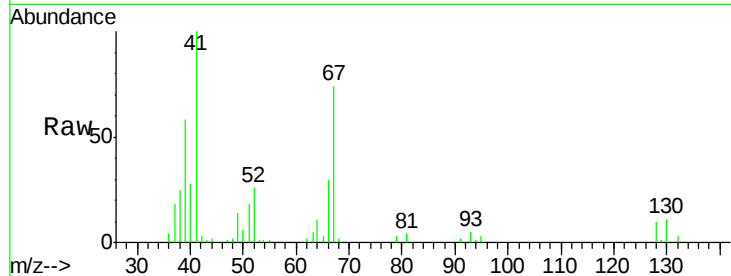
#35
Methacrylonitrile
Concen: 22.22 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	41	Resp	32142
Ion Ratio	Lower	Upper	
41	100		
39	56.3	29.8	89.3
67	73.6	28.7	86.3
52	26.4	14.0	41.9

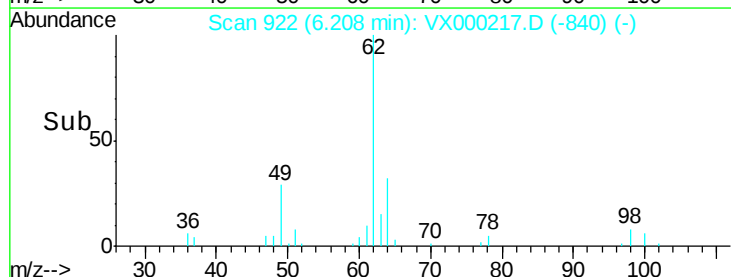
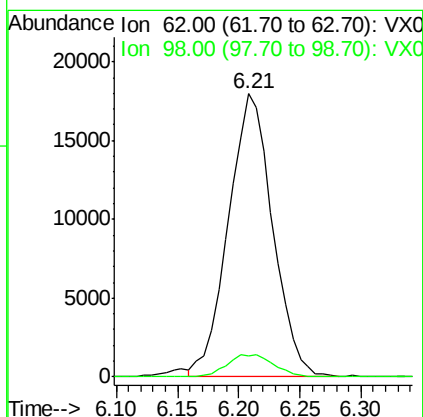
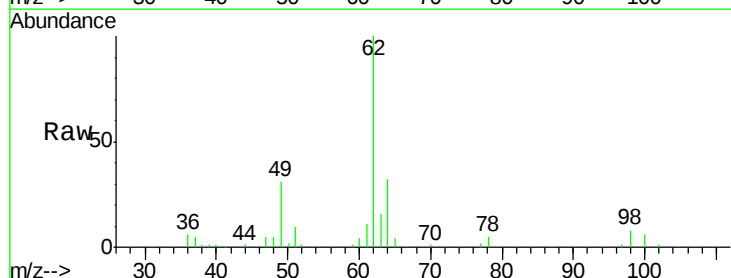
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 20.27 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	62	Resp	45147
Ion Ratio	Lower	Upper	
62	100		
98	8.3	6.9	10.3





#37

Trichloroethene

Concen: 18.12 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

Tot Ion:130 Resp: 31450

Ion Ratio Lower Upper

130 100

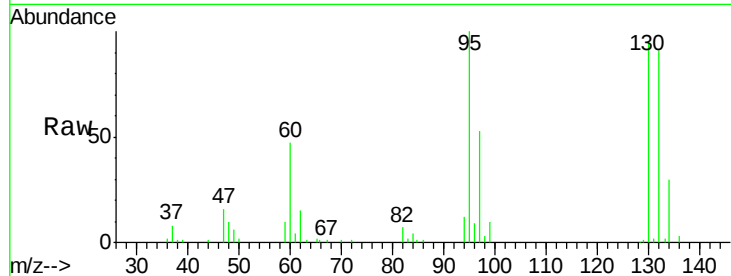
95 104.9 74.6 112.0

Manual Integrations

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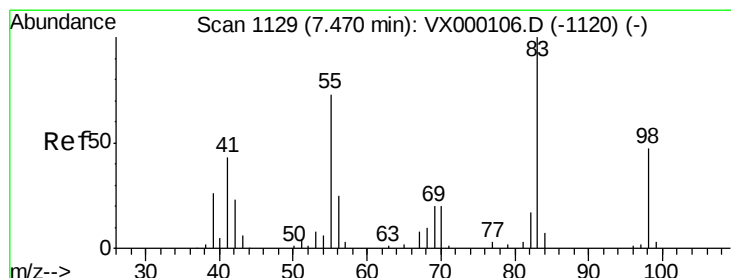
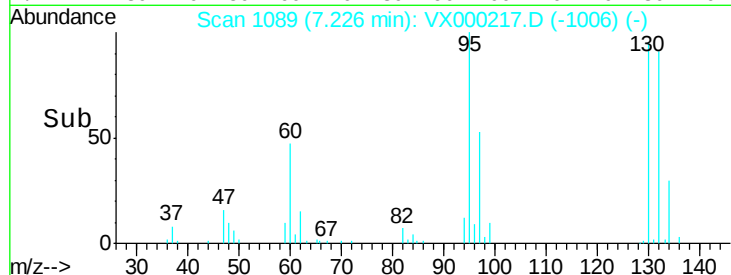
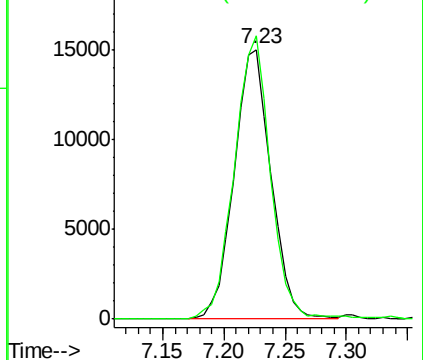
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 14.79 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

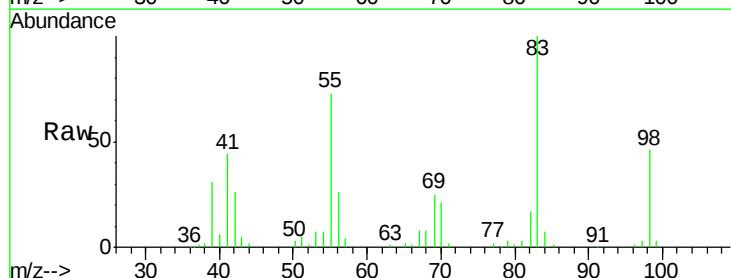
Tgt Ion: 83 Resp: 36189

Ion Ratio Lower Upper

83 100

55 73.7 35.9 107.7

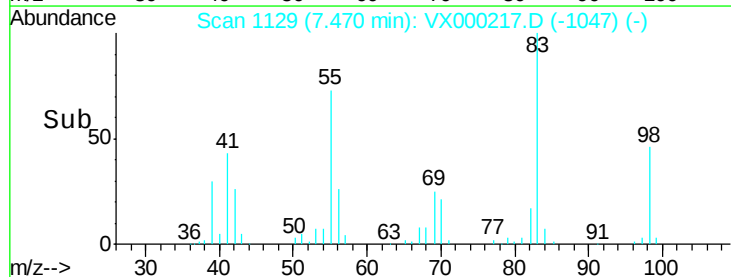
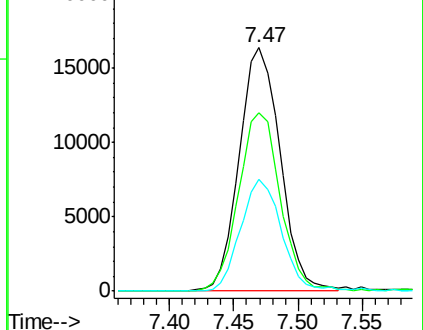
98 44.9 24.6 74.0

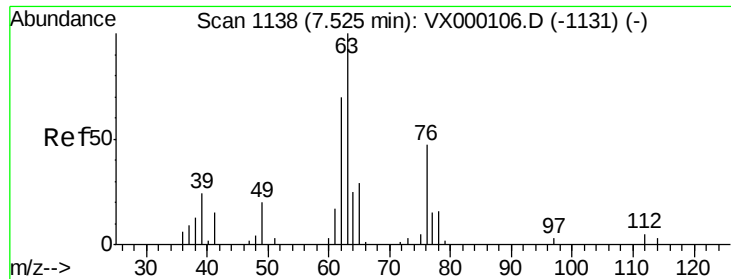


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





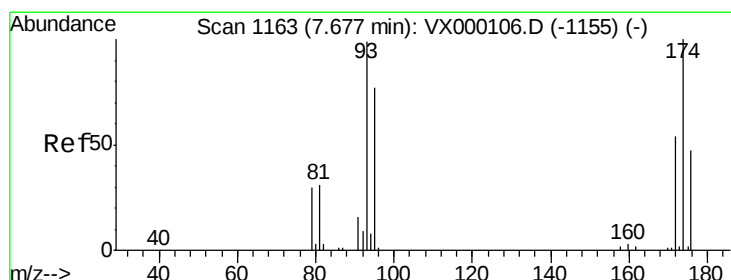
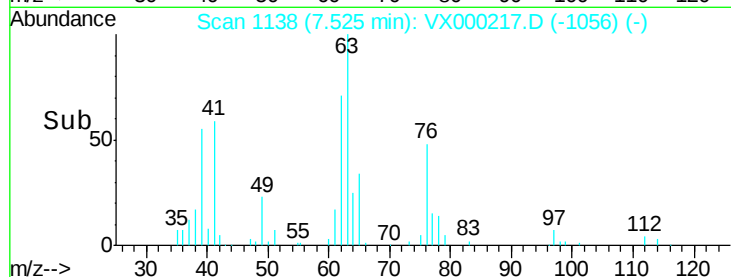
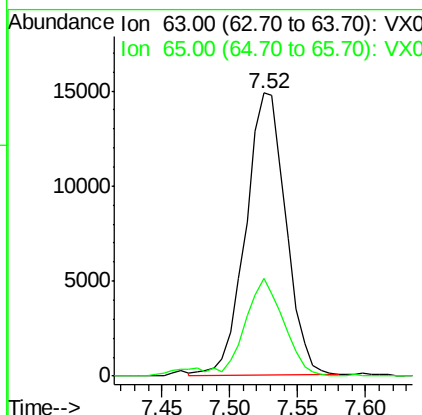
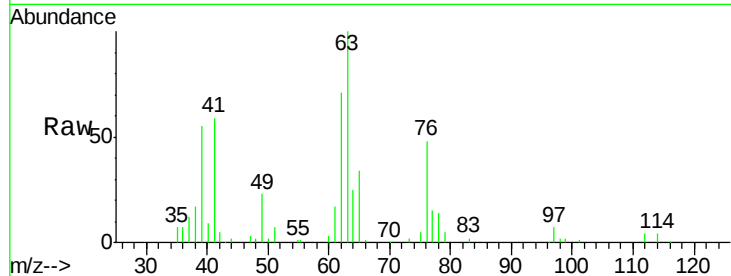
#39
 1,2-Dichloropropane
 Concen: 20.95 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion: 63 Resp: 30719
 Ion Ratio Lower Upper
 63 100
 65 34.7 25.0 37.6

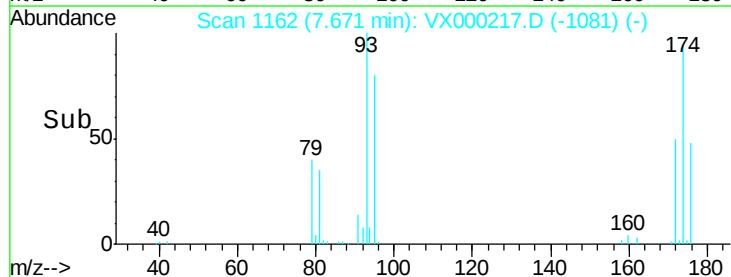
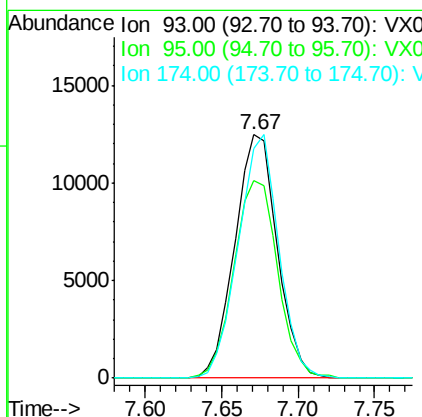
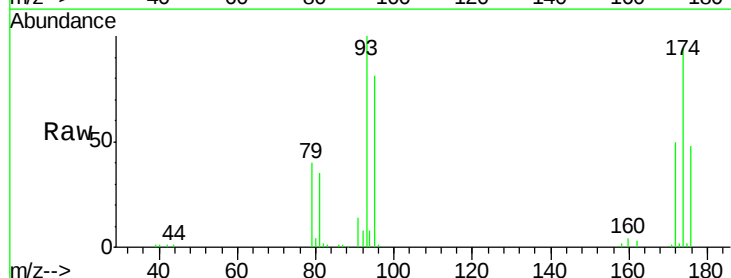
Manual Integrations
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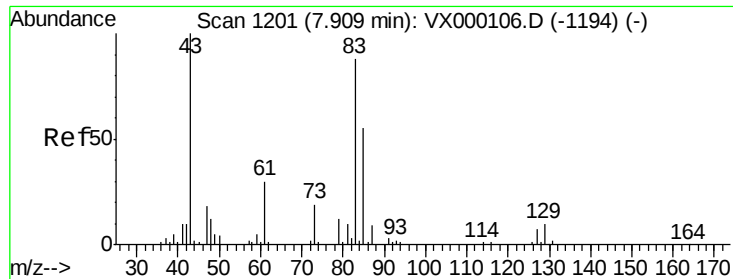
apatel
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#40
 Dibromomethane
 Concen: 21.31 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion: 93 Resp: 24078
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 170.6
 174 95.5 0.0 210.4





#41

Bromodichloromethane

Concen: 21.15 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

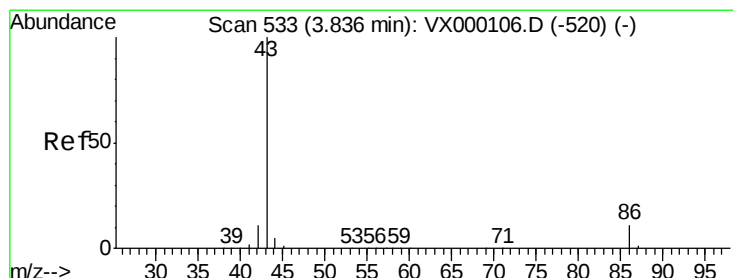
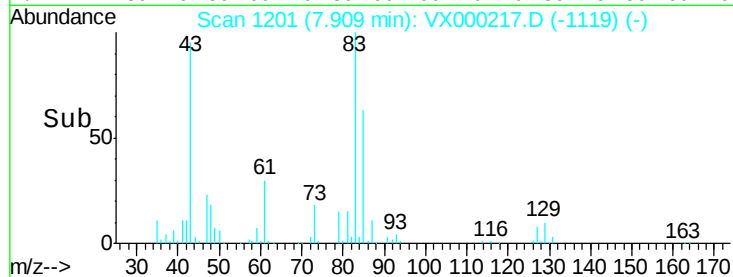
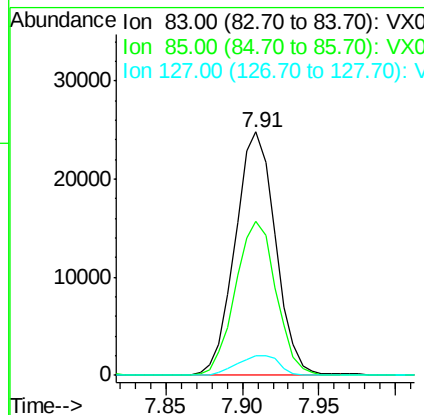
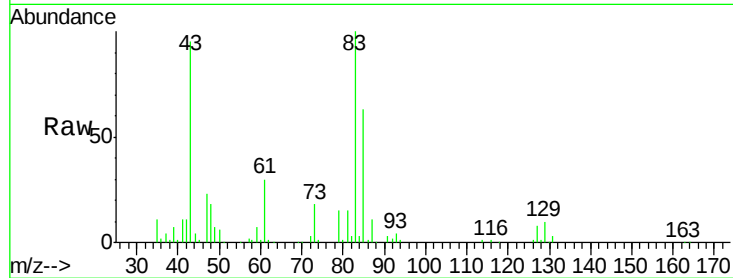
ClientSampleId :

VX0308WBSD01

Tot Ion:	83	Resp:	45417
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.0	75.0
127	7.9	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 121.67 ug/l

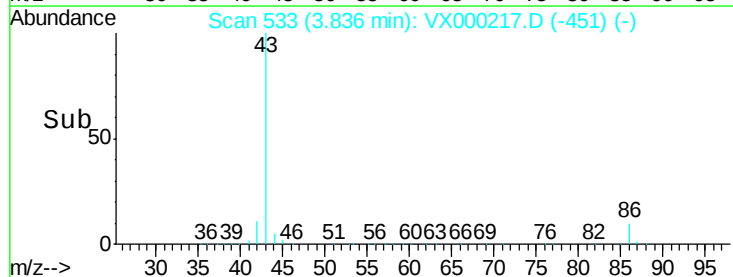
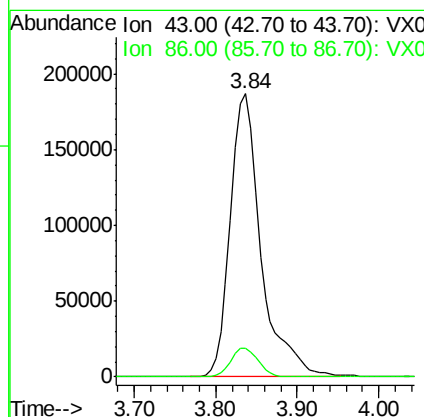
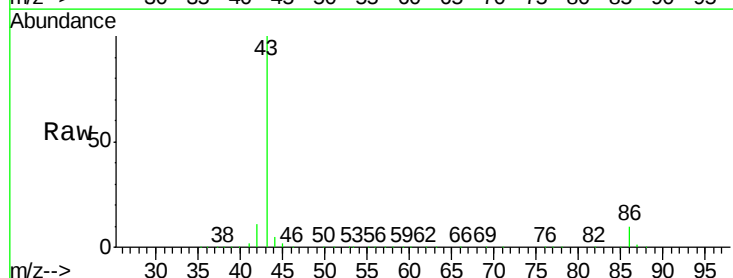
RT: 3.84 min Scan# 533

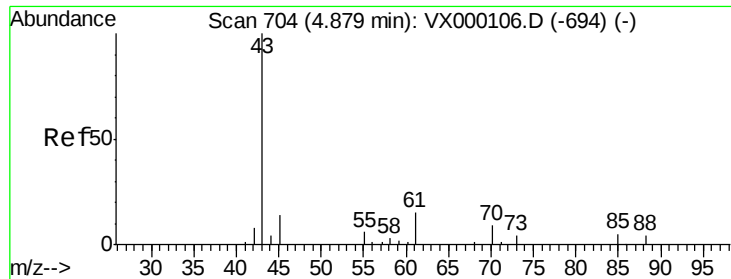
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	43	Resp:	487184
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.8	11.6





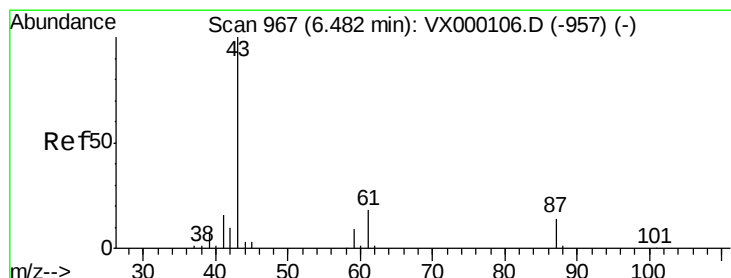
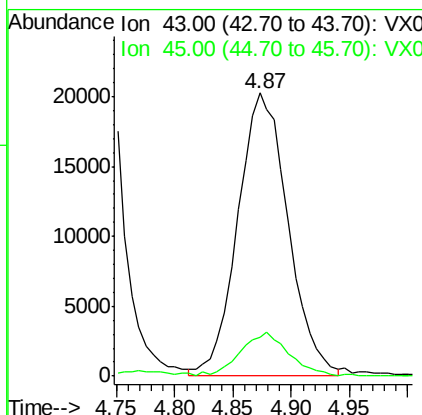
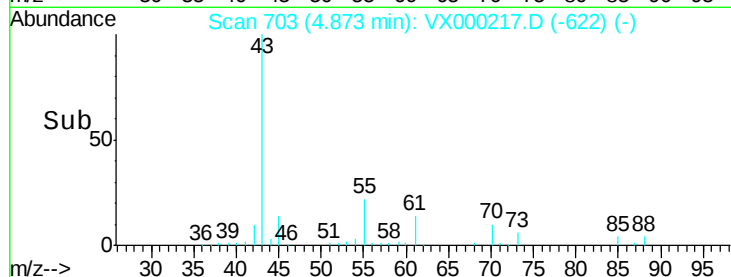
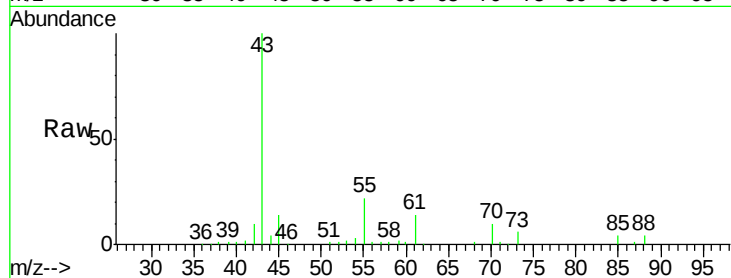
#43
Ethyl Acetate
Concen: 22.06 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion: 43 Resp: 60866
Ion Ratio Lower Upper
43 100
45 14.7 11.4 17.0

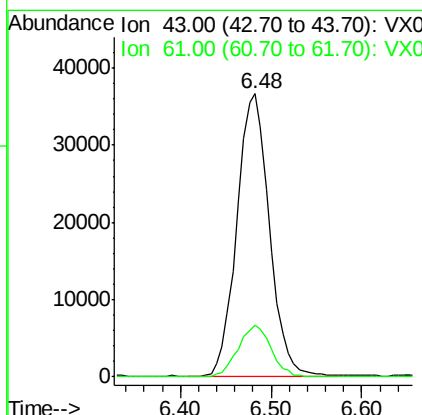
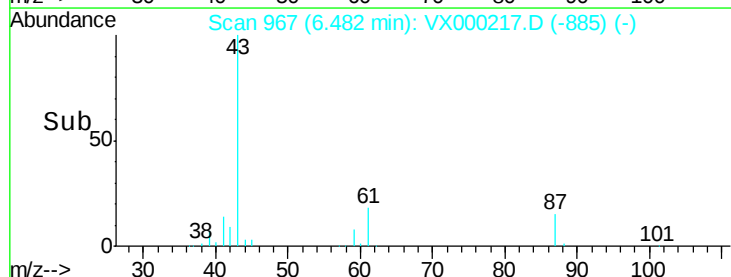
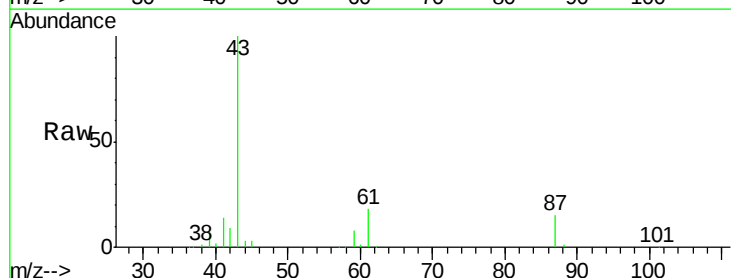
Manual Integrations
APPROVED

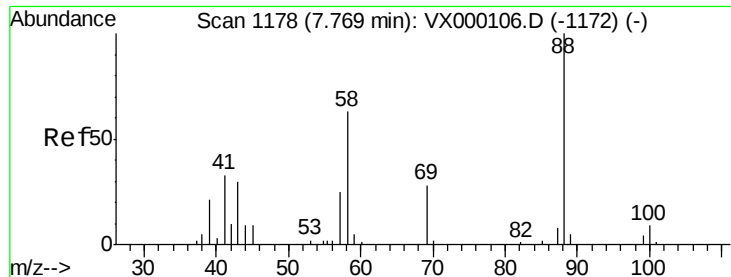
apatel
3/9/2018 9:38:14 AM



#44
Isopropyl Acetate
Concen: 22.63 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 43 Resp: 91621
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5





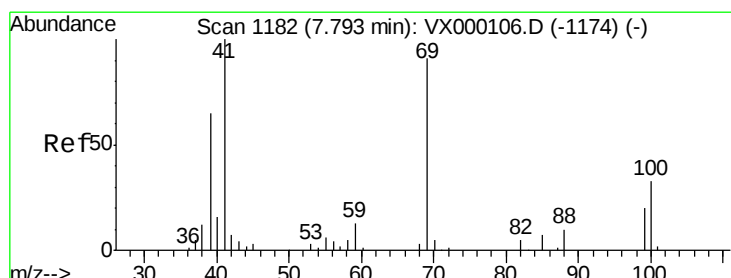
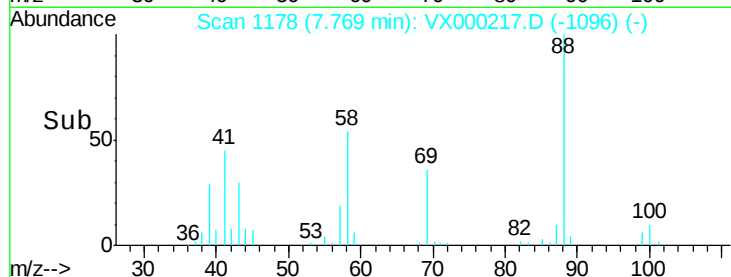
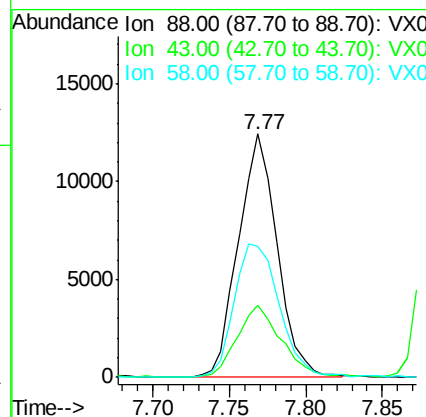
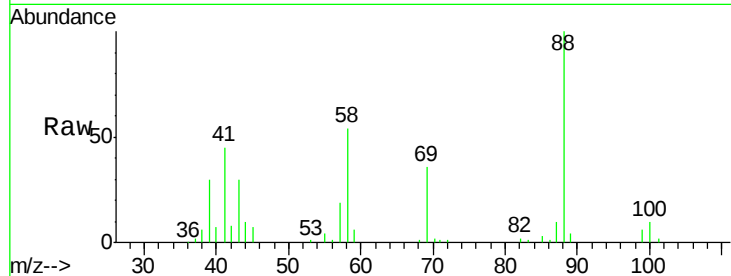
#45
1,4-Dioxane
Concen: 430.14 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	88	Resp	21903
Ion Ratio	Lower	Upper	
88	100		
43	33.4	26.8	40.2
58	63.4	52.1	78.1

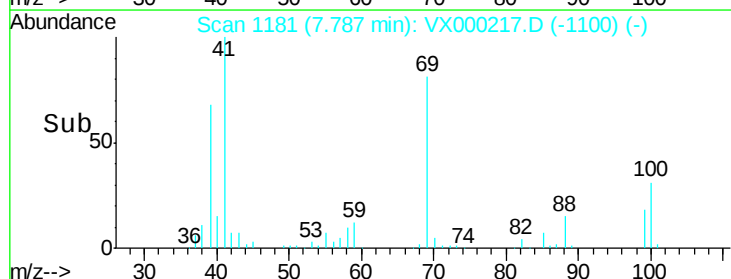
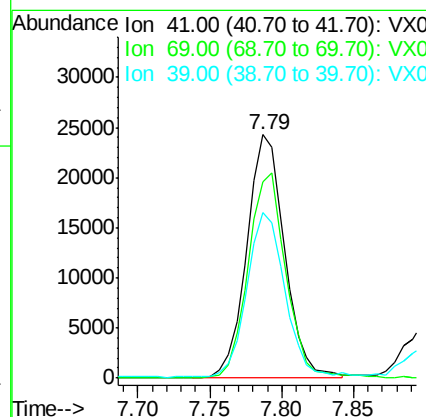
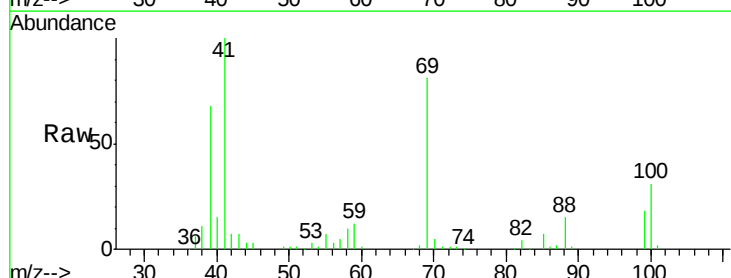
Manual Integrations
APPROVED

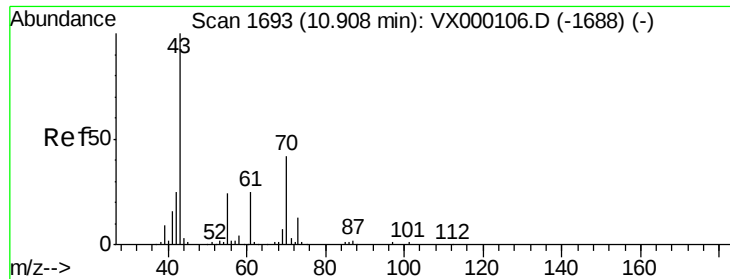
apatel
3/9/2018 9:38:14 AM



#46
Methyl methacrylate
Concen: 22.40 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	41	Resp	44113
Ion Ratio	Lower	Upper	
41	100		
69	80.7	45.5	136.5
39	67.5	32.5	97.5





#47

n-amvl Acetate

Concen: 23.24 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 43 Resp: 82139

Ion Ratio Lower Upper

43 100

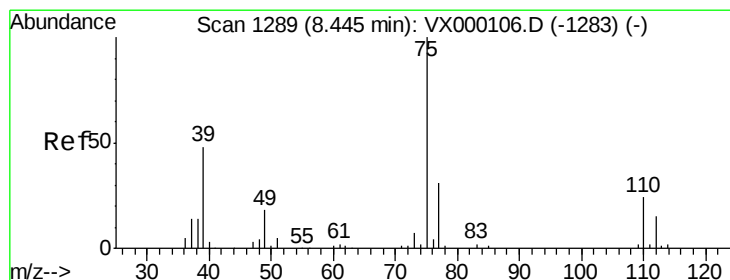
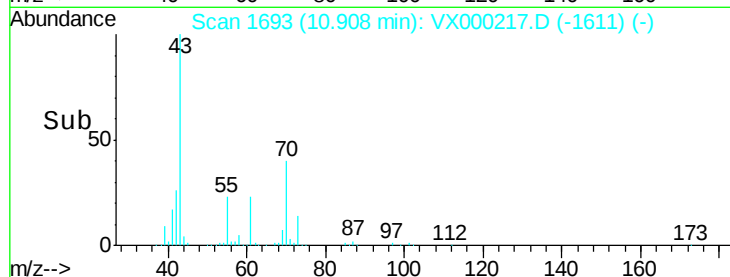
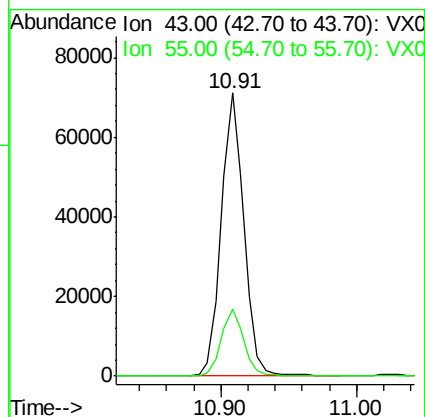
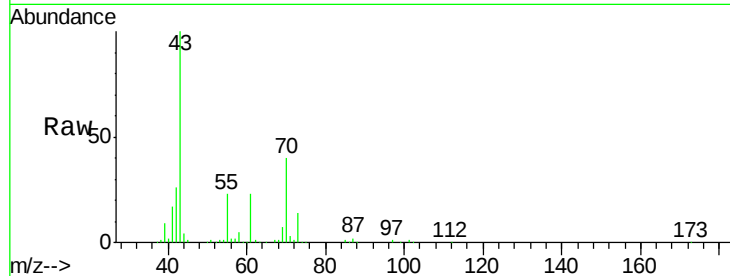
55 23.4 19.4 29.2

Manual Integrations

APPROVED

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#48

t-1,3-Dichloropropene

Concen: 20.56 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000217.D

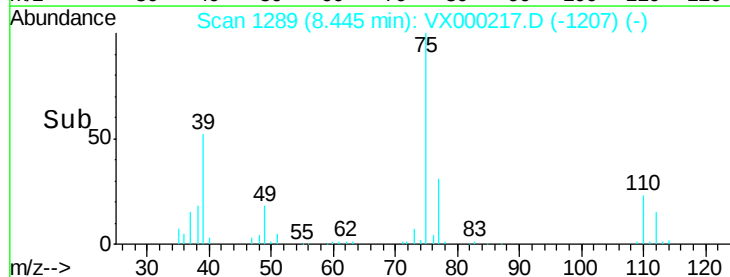
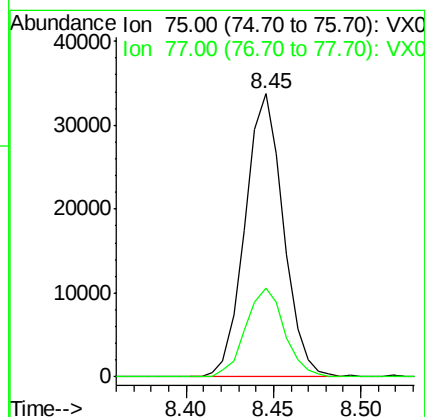
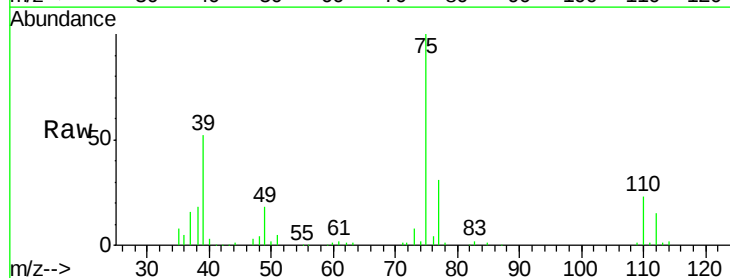
Acq: 08 Mar 2018 11:31

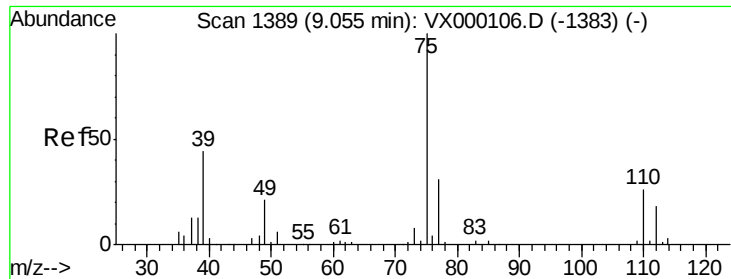
Tgt Ion: 75 Resp: 51403

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0





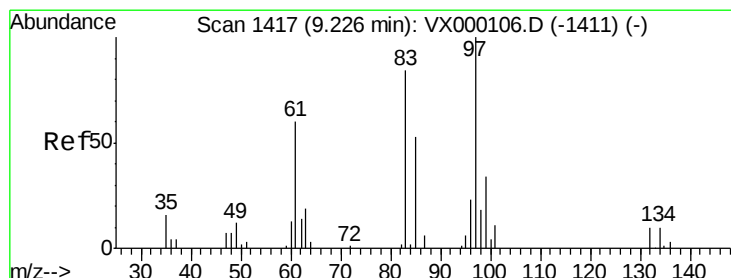
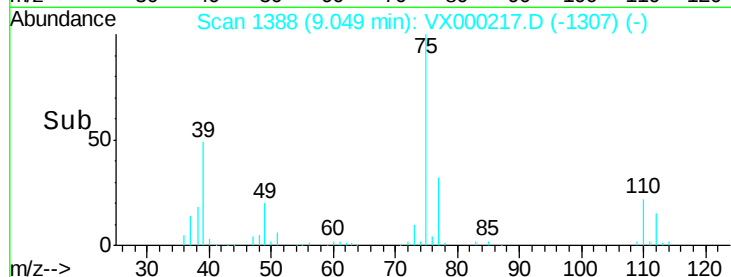
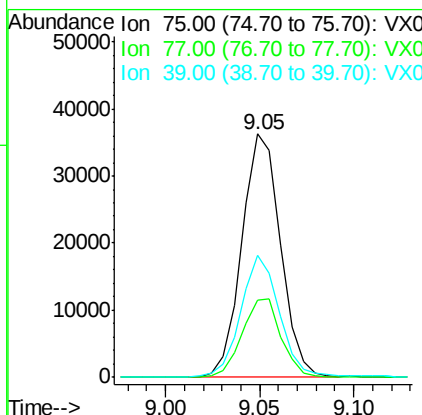
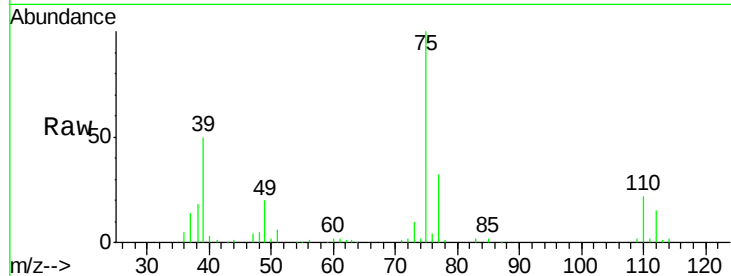
#49
 cis-1,3-Dichloropropene
 Concen: 21.20 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.5	36.7
39	49.6	35.6	53.4

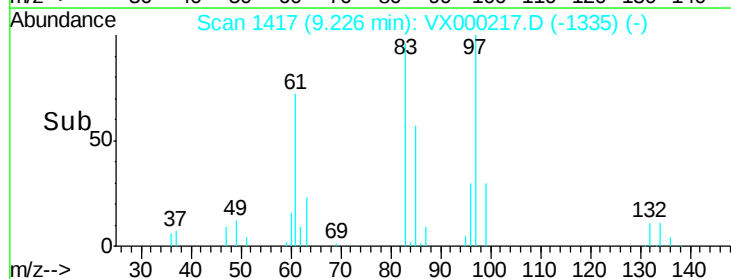
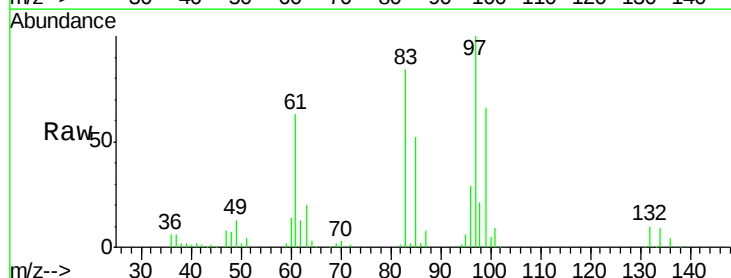
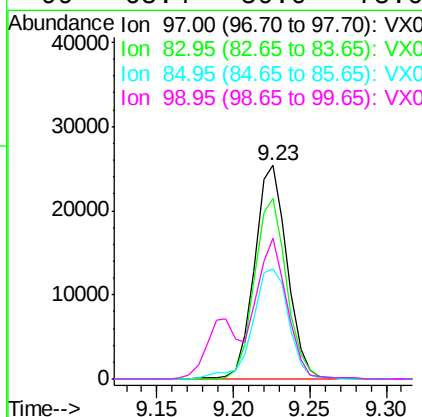
Manual Integrations
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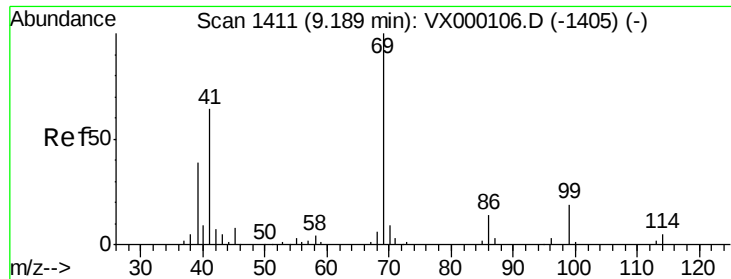
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 22.81 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.9	100.3
85	51.5	44.4	66.6
99	65.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 21.19 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

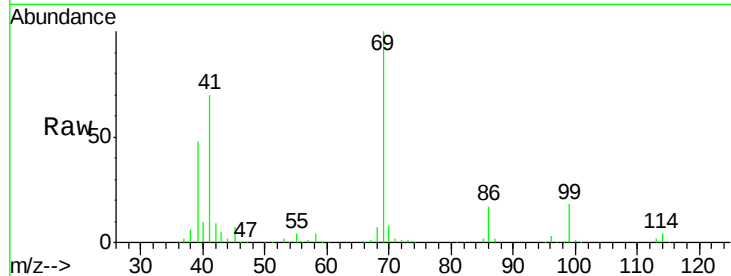
ClientSampleId :

VX0308WBSD01

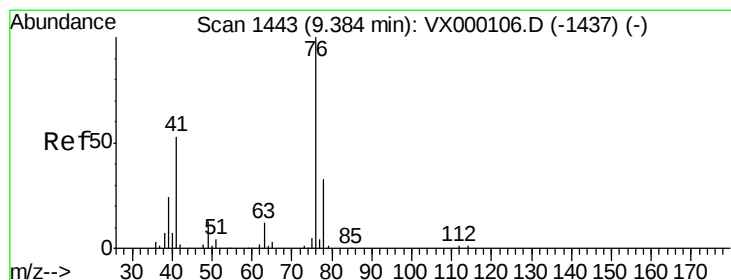
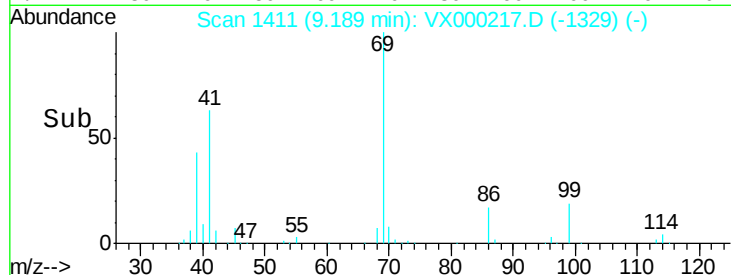
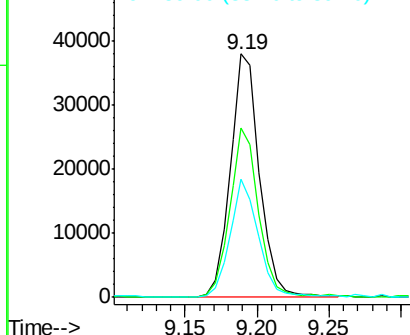
Tot Ion:	69	Resp:	53854
Ion Ratio	Lower	Upper	
69	100		
41	69.8	32.1	96.3
39	48.0	19.6	58.7

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



#52

1,3-Dichloropropane

Concen: 22.25 ug/l

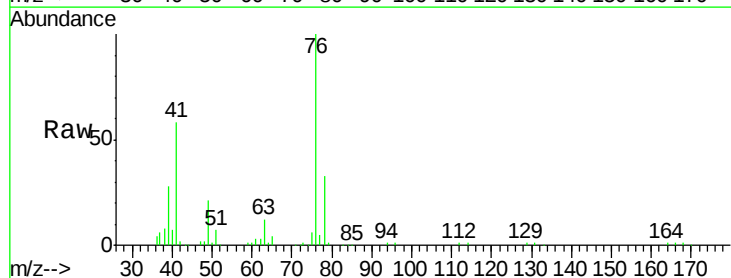
RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

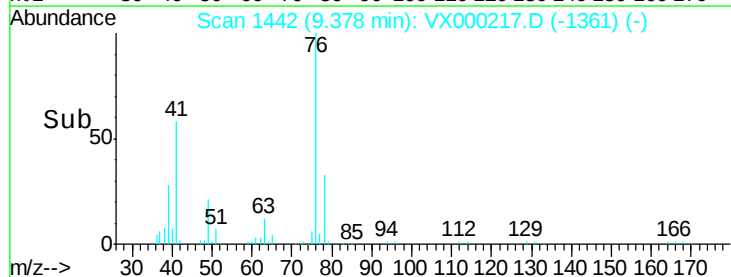
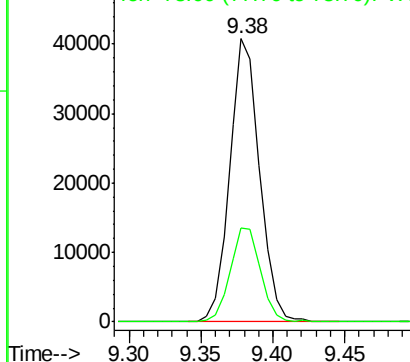
Lab File: VX000217.D

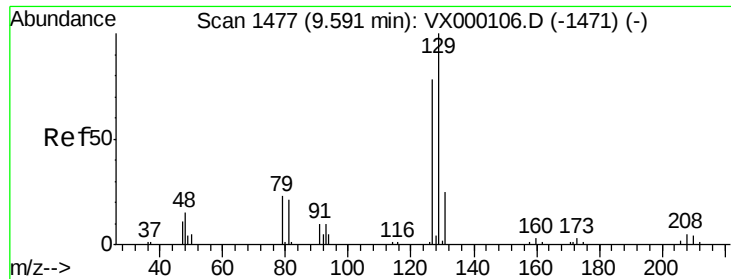
Acq: 08 Mar 2018 11:31

Tgt Ion:	76	Resp:	59187
Ion Ratio	Lower	Upper	
76	100		
78	33.4	0.0	65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.97 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion:129 Resp: 38703

Ion Ratio Lower Upper

129 100

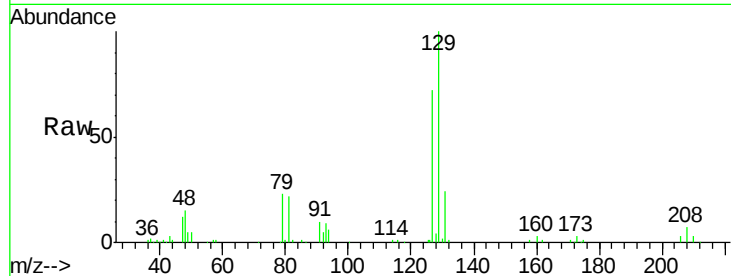
127 75.3 37.5 112.5

Manual Integrations

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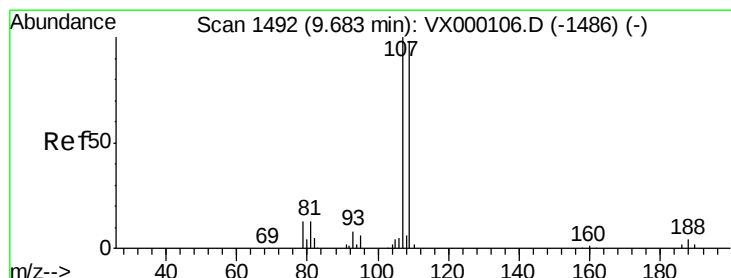
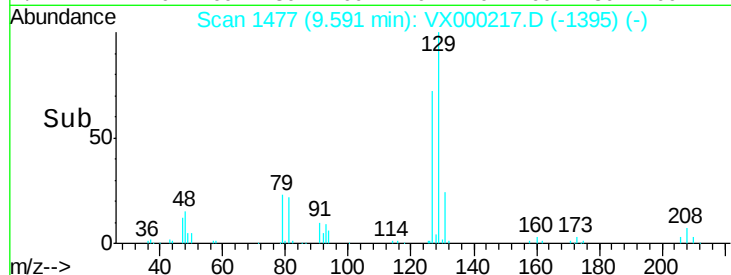
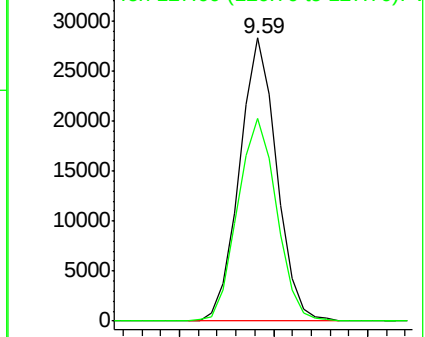
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.68 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000217.D

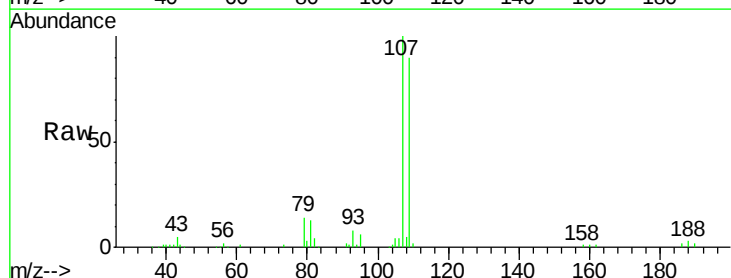
Acq: 08 Mar 2018 11:31

Tgt Ion:107 Resp: 38232

Ion Ratio Lower Upper

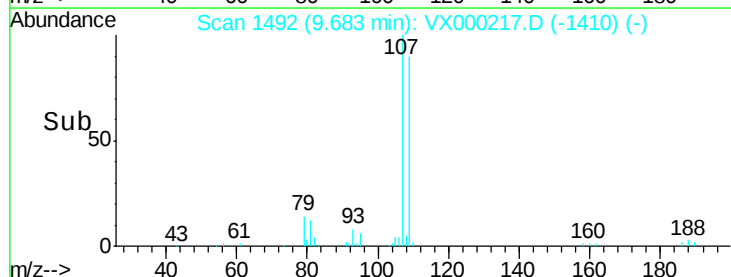
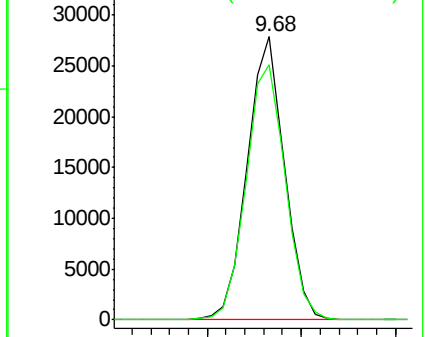
107 100

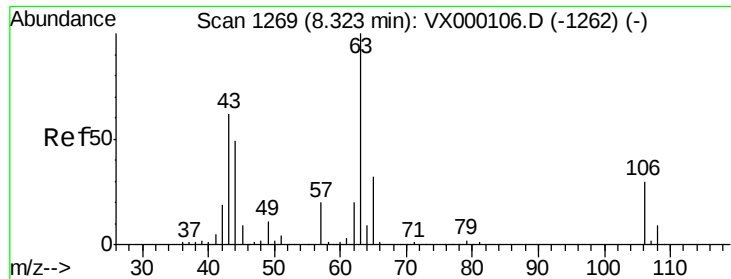
109 94.6 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





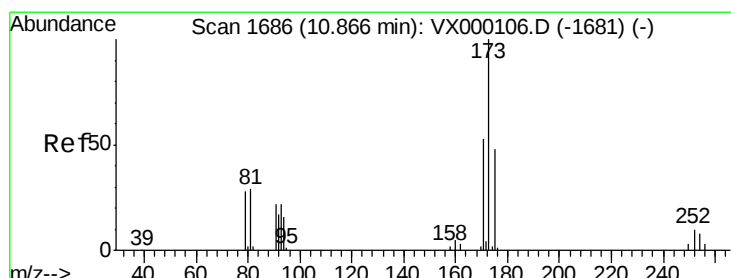
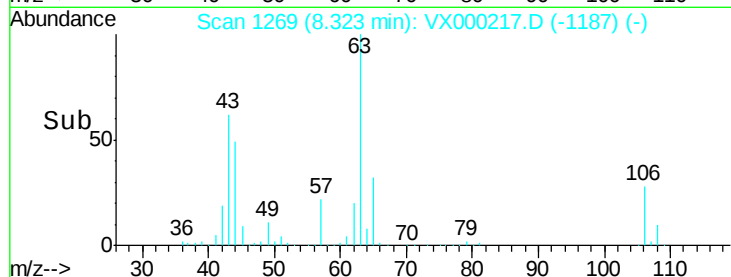
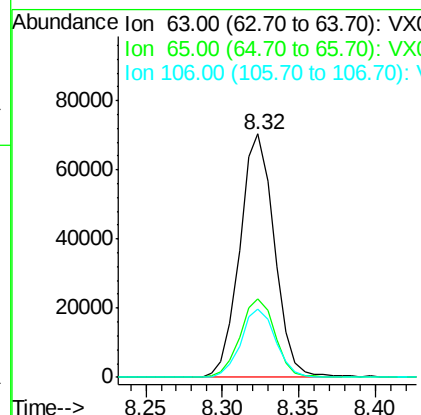
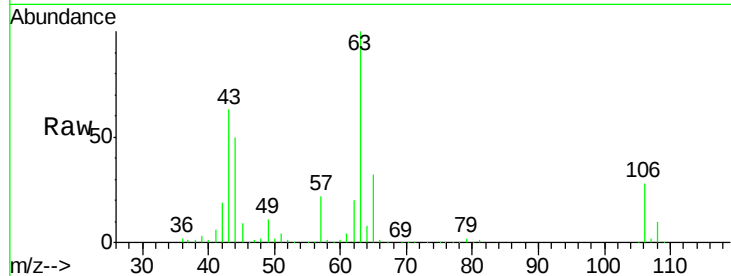
#55
2-Chloroethyl vinyl ether
Concen: 98.49 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.8	38.8
106	28.3	23.8	35.6

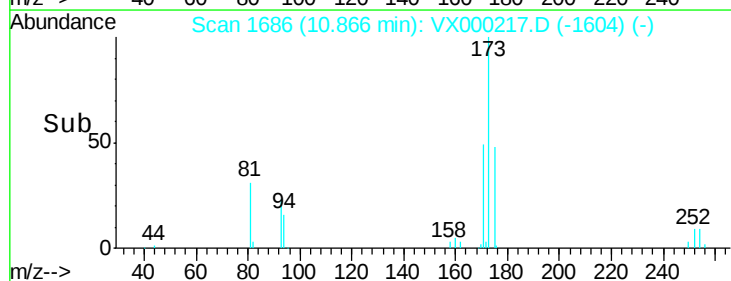
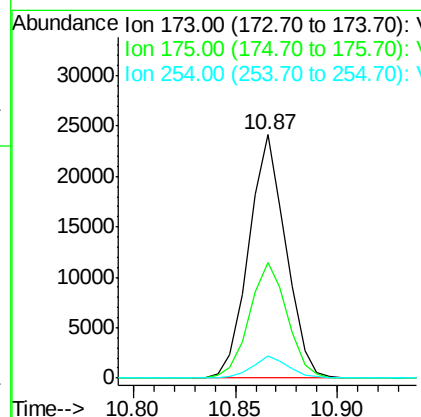
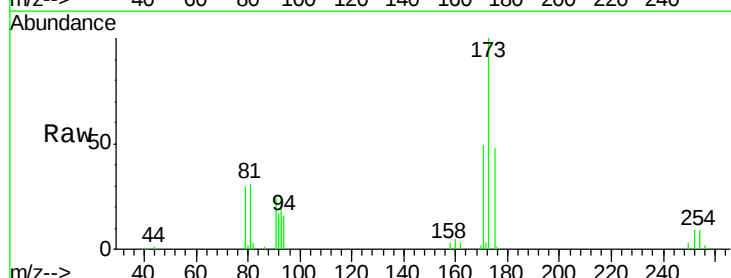
Manual Integrations
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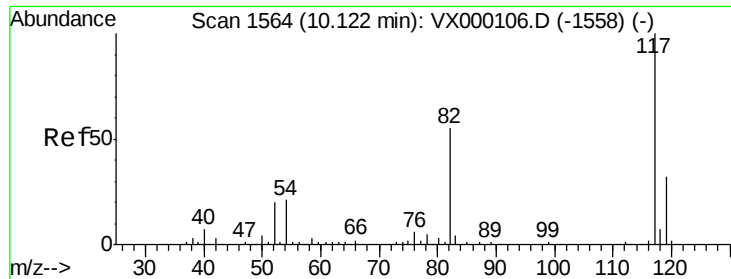
apatel
3/9/2018 9:38:14 AM



#56
Bromoform
Concen: 20.35 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	8.9	7.0	10.4





#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

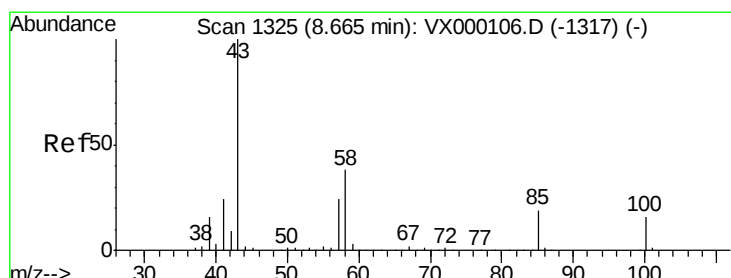
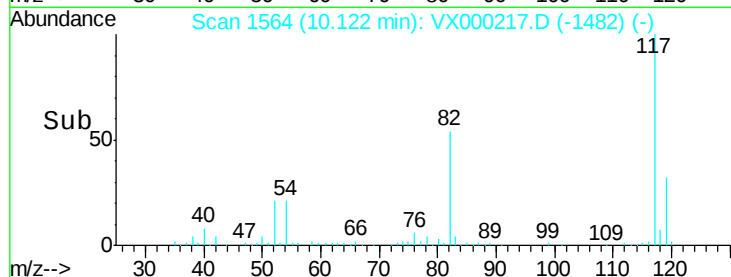
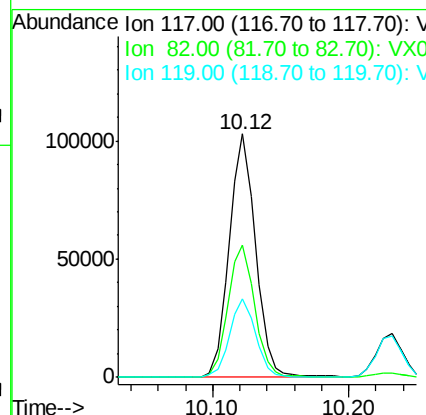
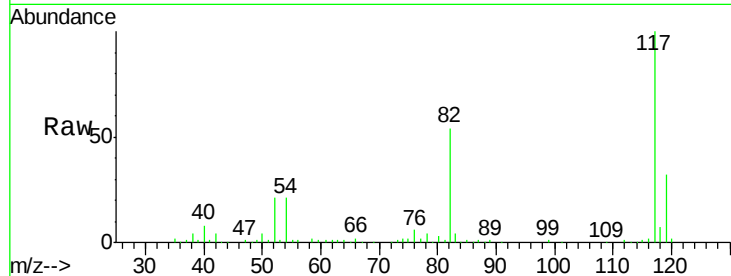
ClientSampleId :

VX0308WBSD01

Tot Ion:	117	Resp:	138684
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.0	64.4
119	31.9	25.8	38.8

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 121.91 ug/l

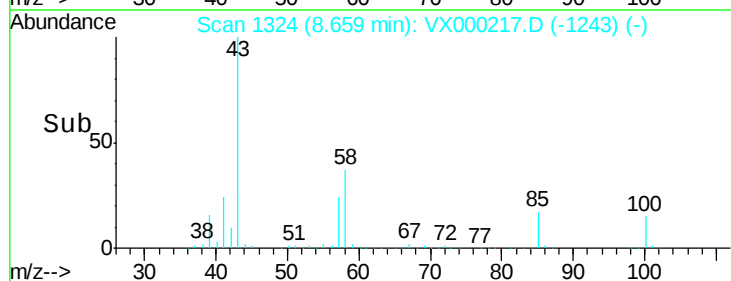
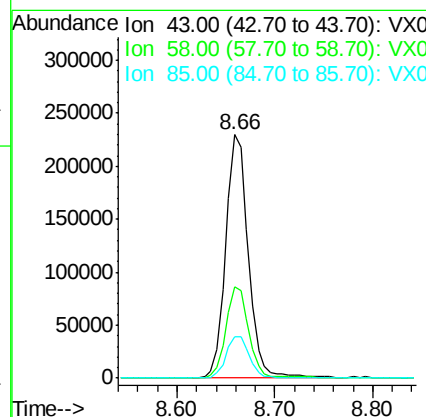
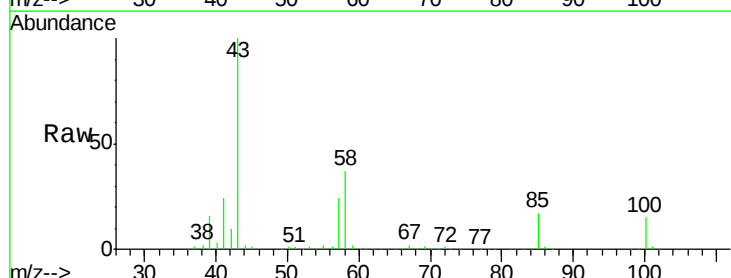
RT: 8.66 min Scan# 1324

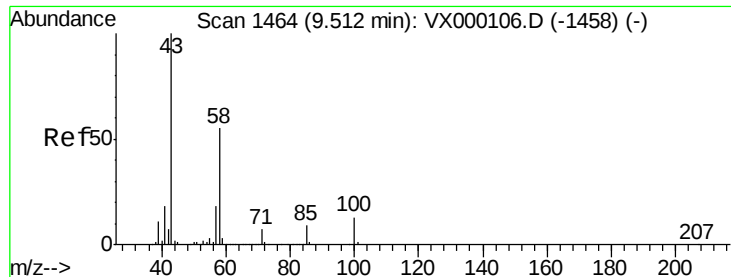
Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	43	Resp:	370318
Ion Ratio	Lower	Upper	
43	100		
58	37.1	29.8	44.8
85	18.0	14.9	22.3





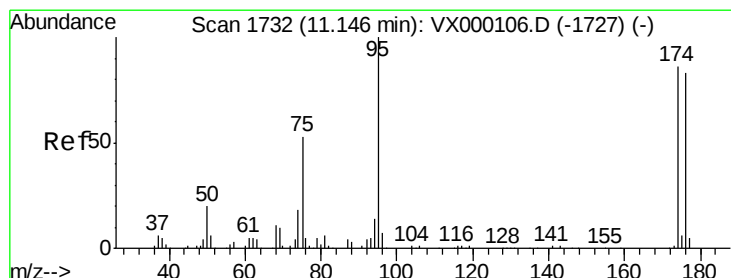
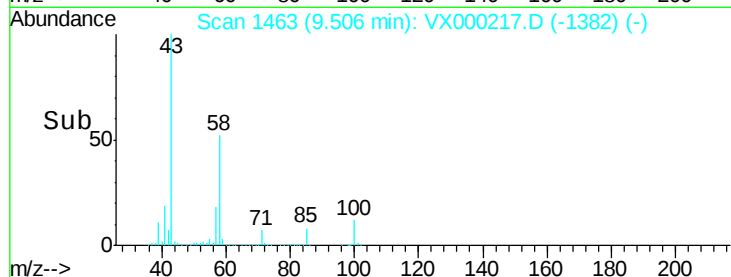
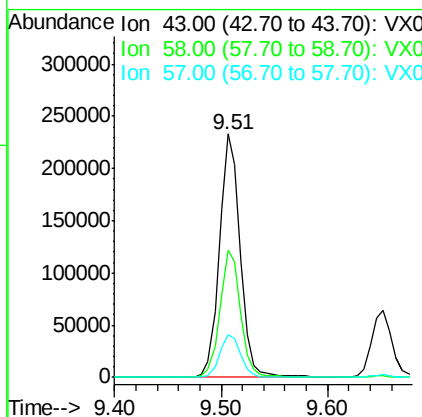
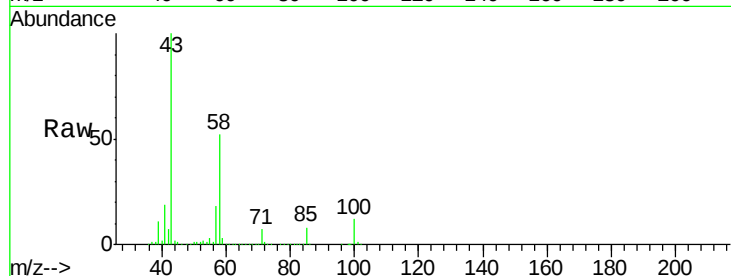
#59
2-Hexanone
Concen: 123.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	51.8	43.0	64.6	
57	17.7	14.4	21.6	

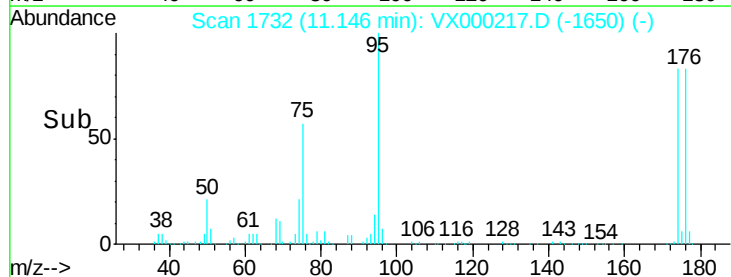
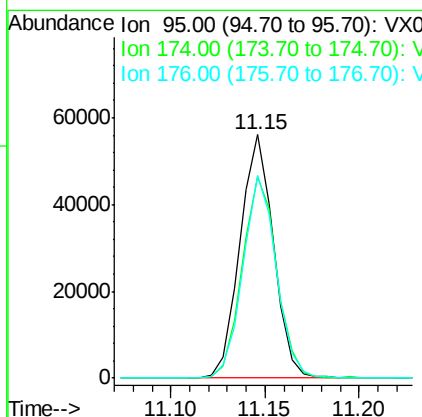
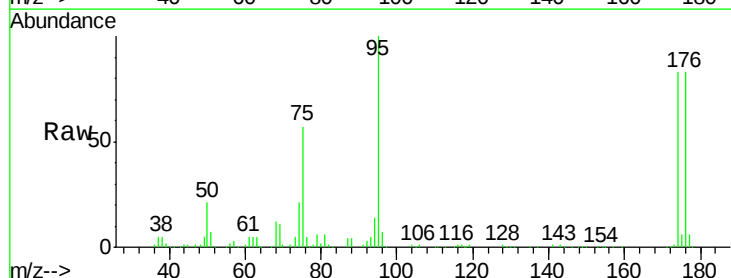
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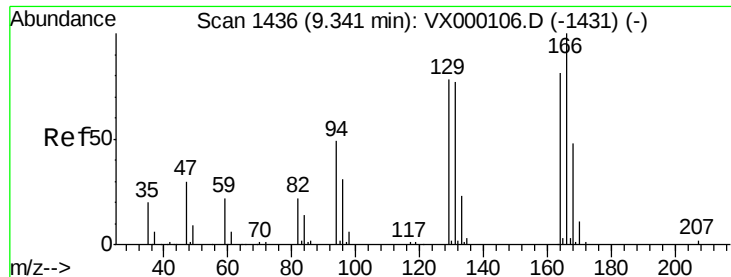
apatel
3/9/2018 9:38:14 AM



#60
4-Bromofluorobenzene
Concen: 30.49 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	84.7	71.1	106.7	
176	82.6	69.3	103.9	





#61

Tetrachloroethene

Concen: 17.05 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

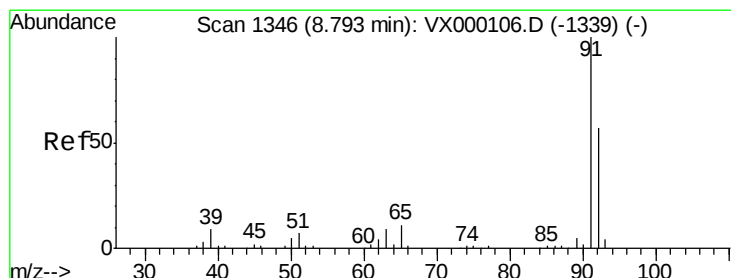
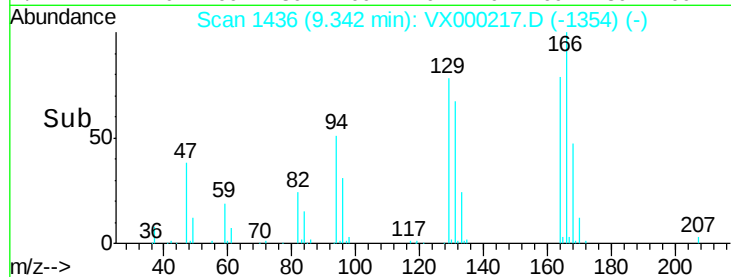
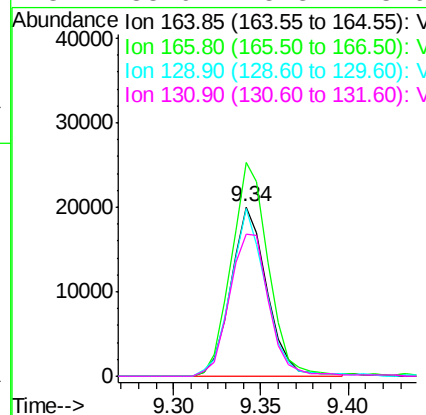
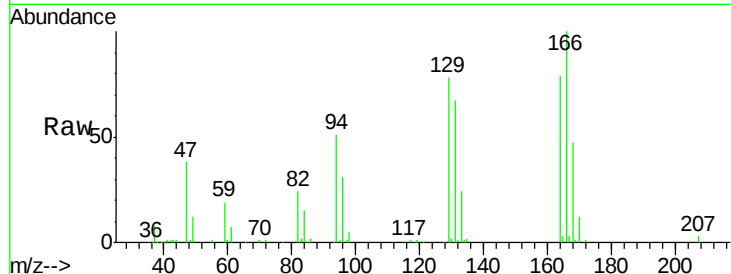
ClientSampleId :

VX0308WBSD01

Tot Ion:	164	Resp:	28718
Ion	Ratio	Lower	Upper
164	100		
166	125.8	99.0	148.4
129	98.7	77.0	115.6
131	83.9	75.8	113.6

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#62

Toluene

Concen: 18.41 ug/l

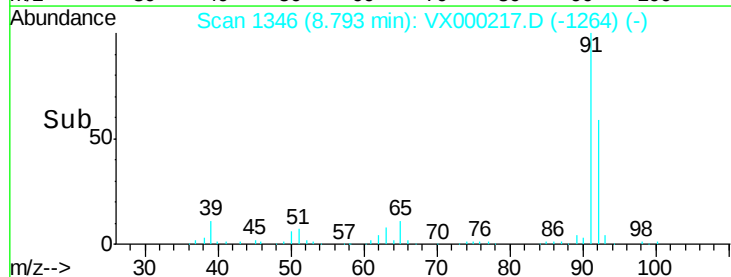
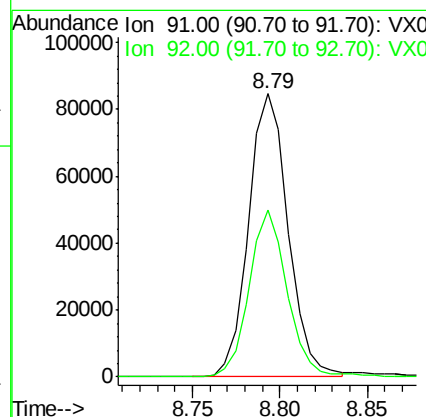
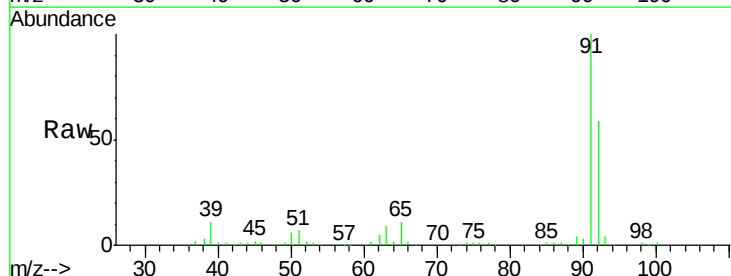
RT: 8.79 min Scan# 1346

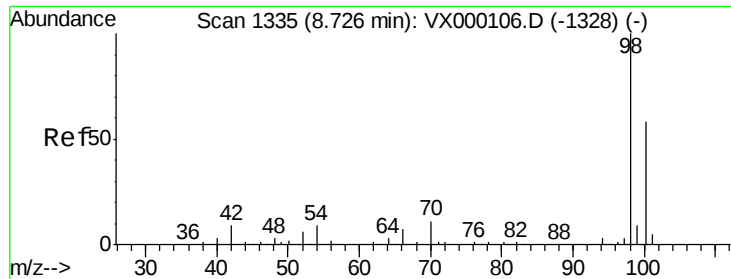
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	91	Resp:	132811
Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.4	68.0





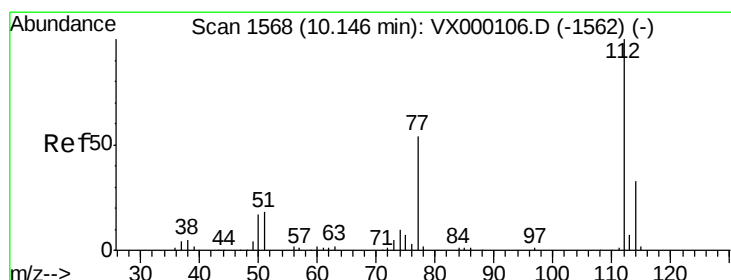
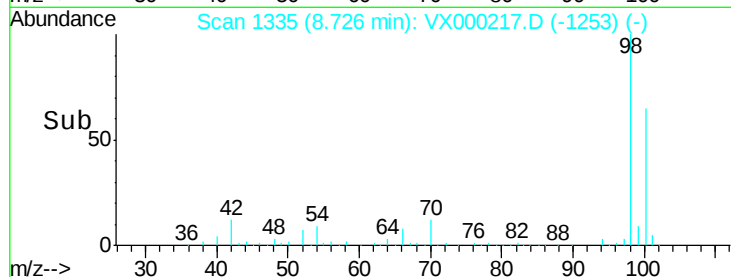
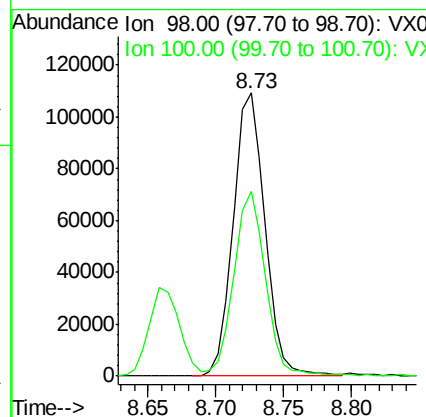
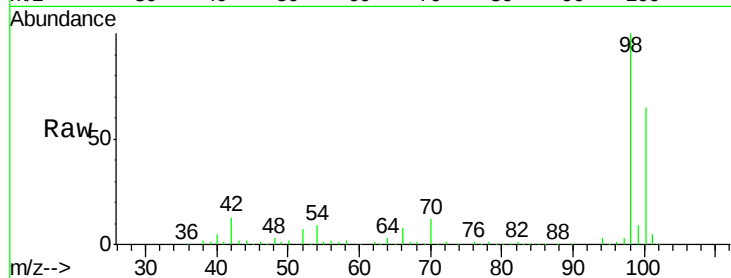
#63
Toluene-d8
Concen: 30.02 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion: 98 Resp: 178335
Ion Ratio Lower Upper
98 100
100 64.7 50.0 75.0

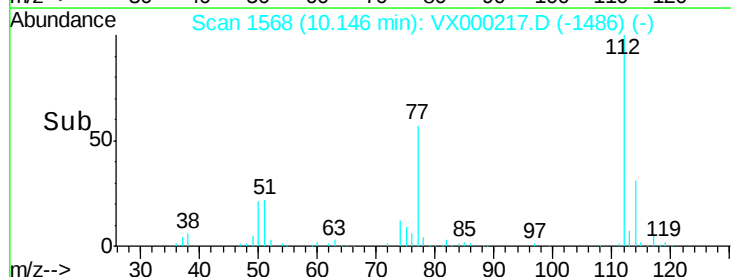
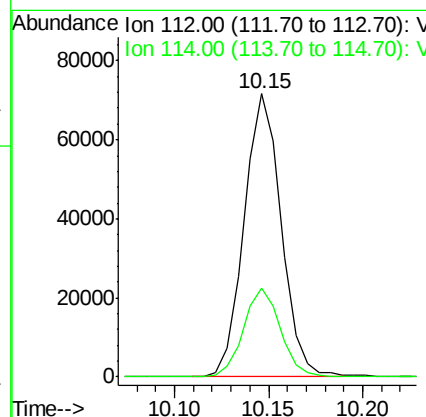
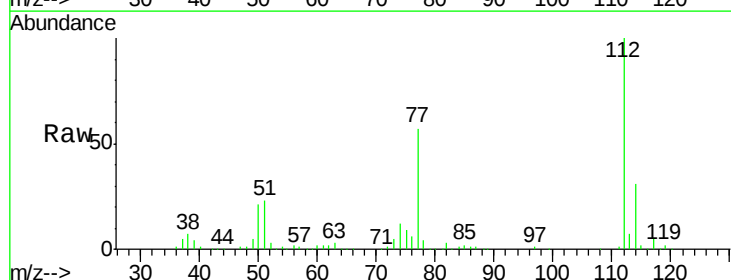
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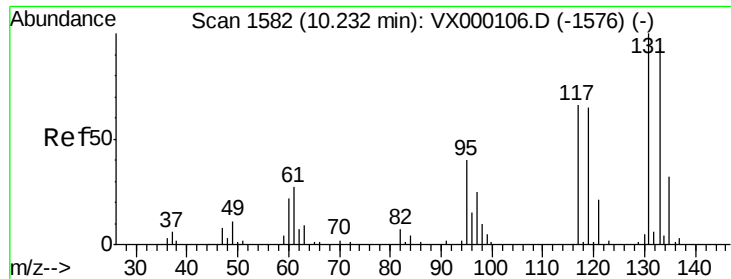
apatel
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#64
Chlorobenzene
Concen: 20.11 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion: 112 Resp: 98058
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.21 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

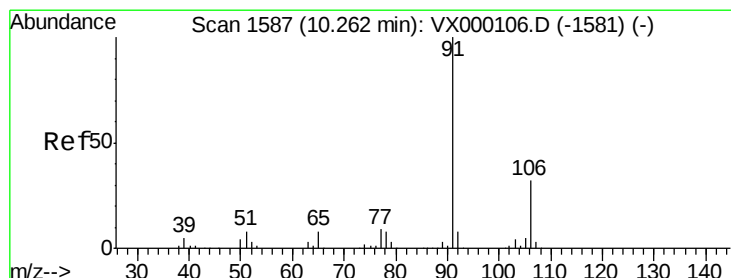
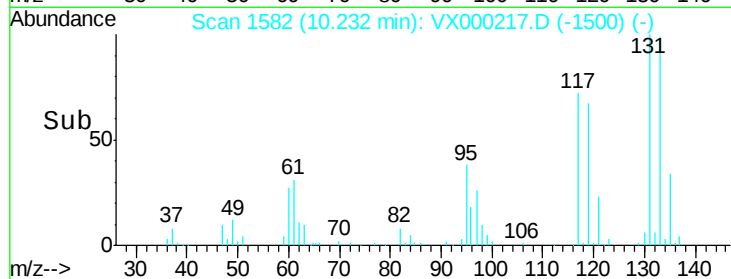
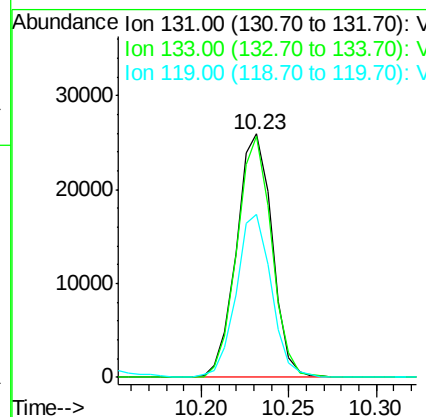
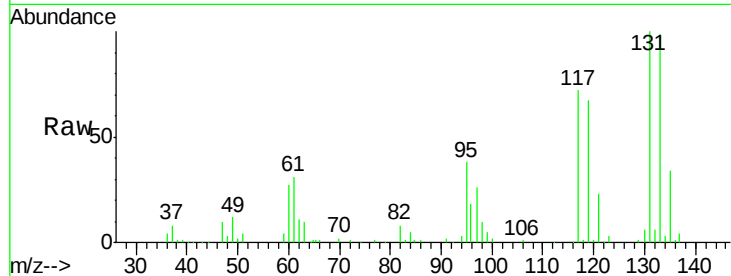
ClientSampled :

VX0308WBSD01

Tot Ion:	131	Resp:	36631
Ion Ratio	Lower	Upper	
131	100		
133	96.4	0.0	187.6
119	66.3	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.86 ug/l

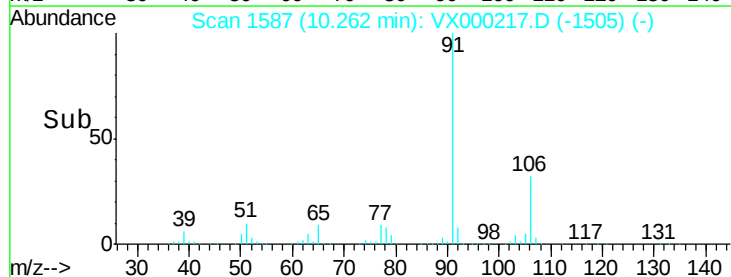
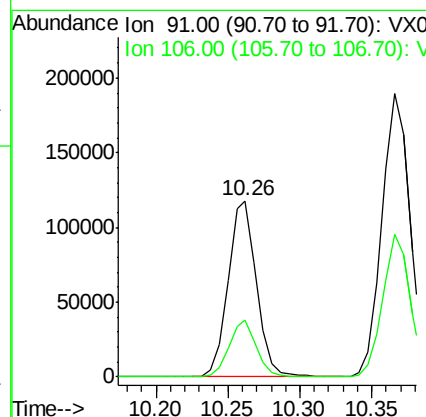
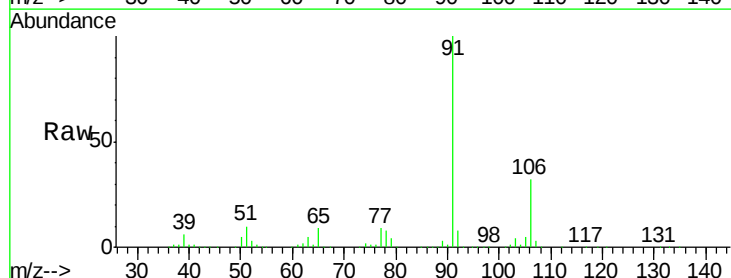
RT: 10.26 min Scan# 1587

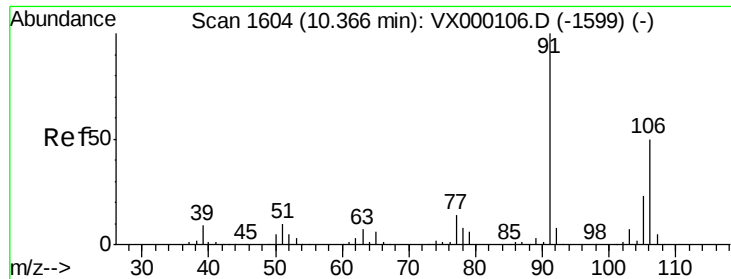
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	91	Resp:	163575
Ion Ratio	Lower	Upper	
91	100		
106	32.3	25.9	38.9





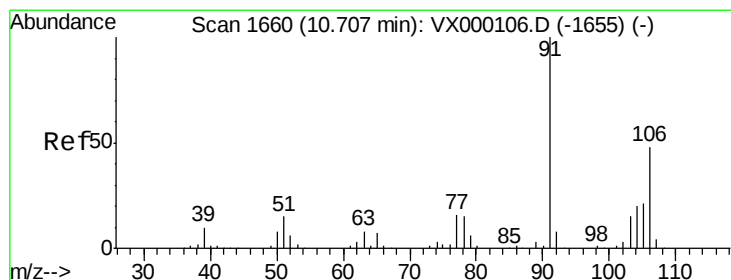
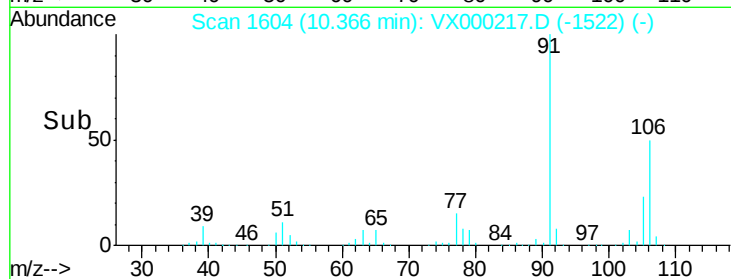
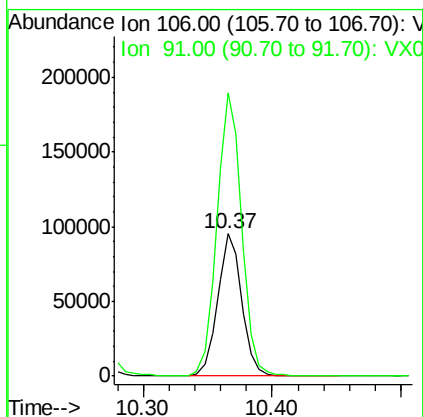
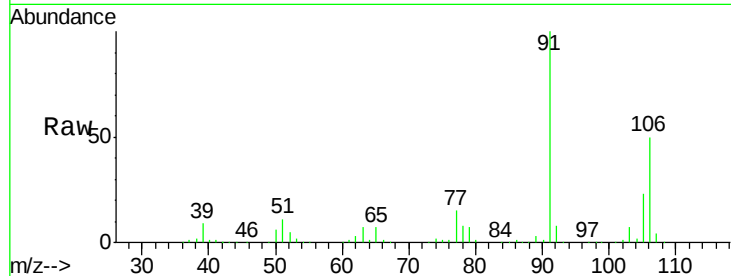
#67
m/p-Xvlenes
Concen: 38.94 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:106 Resp: 125727
Ion Ratio Lower Upper
106 100
91 203.7 161.6 242.4

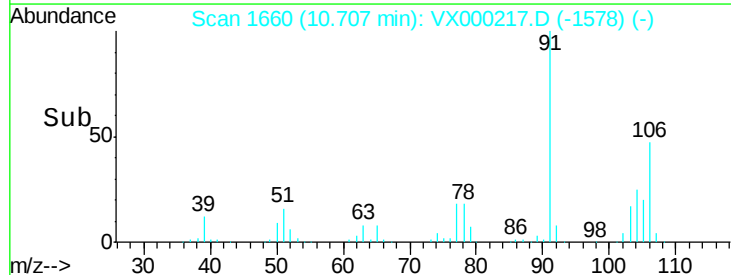
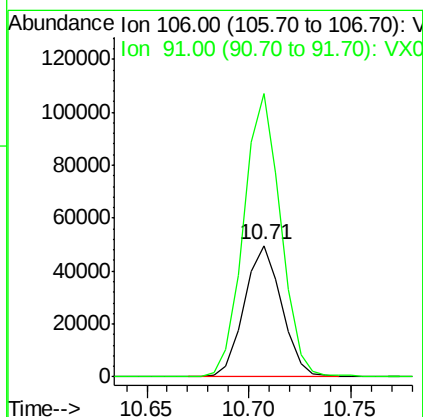
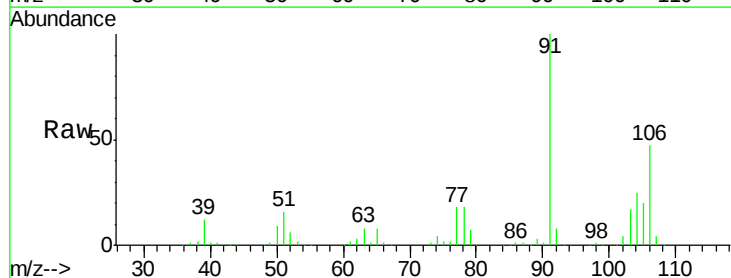
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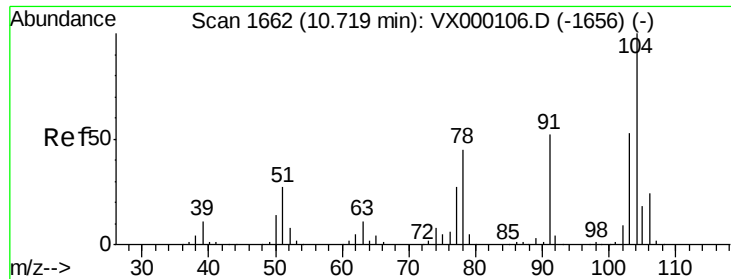
apatel
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#68
o-Xylene
Concen: 20.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion:106 Resp: 63357
Ion Ratio Lower Upper
106 100
91 212.5 105.6 316.8





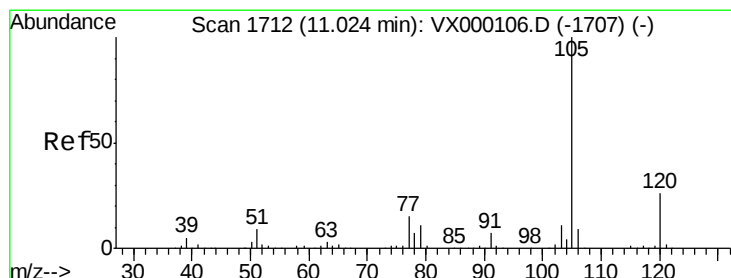
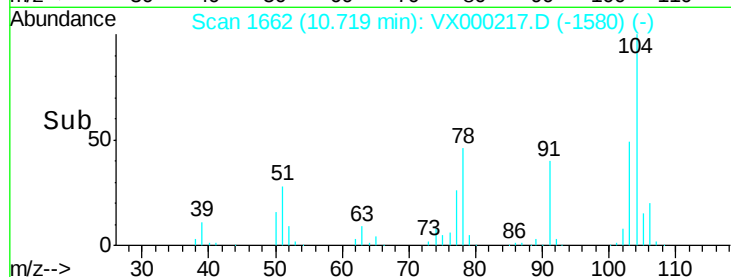
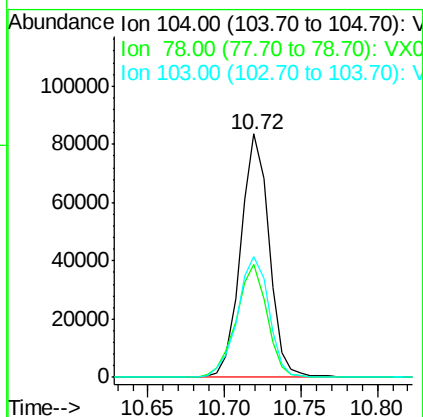
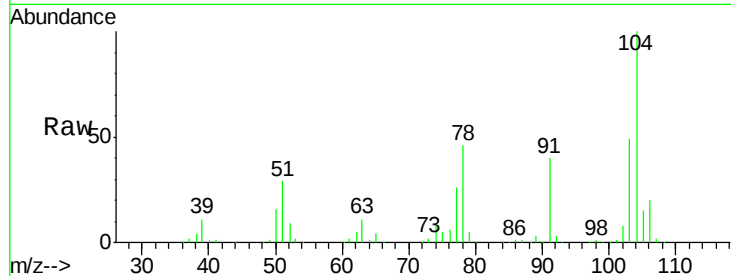
#69
Stvrene
Concen: 20.73 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	39.0	58.4
103	55.1	44.7	67.1

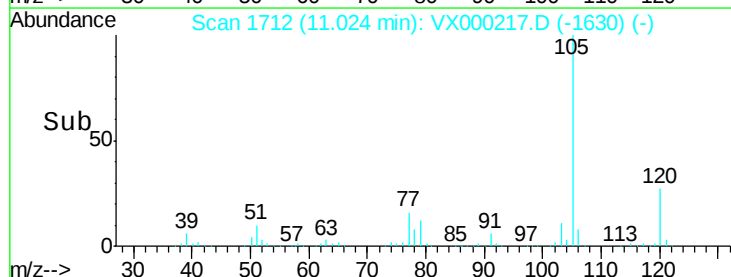
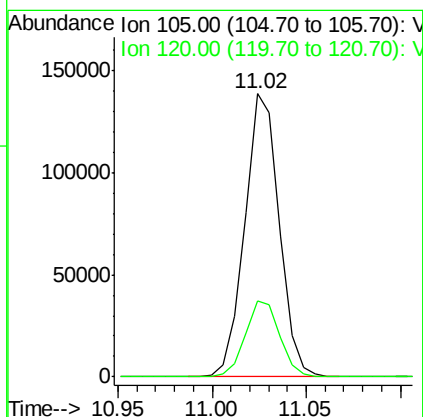
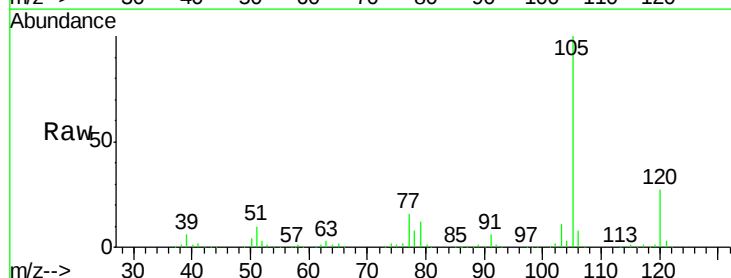
Manual Integrations
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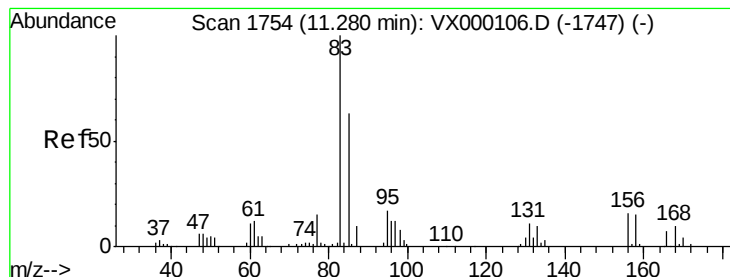
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#70
Isopropylbenzene
Concen: 20.75 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 23.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

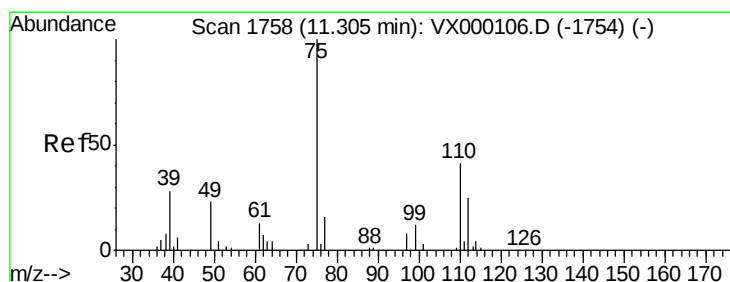
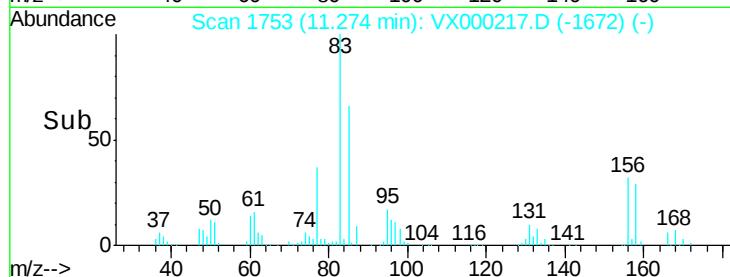
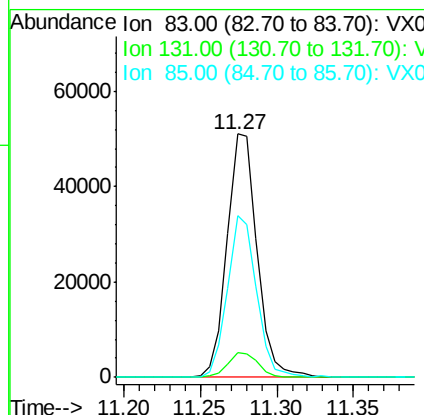
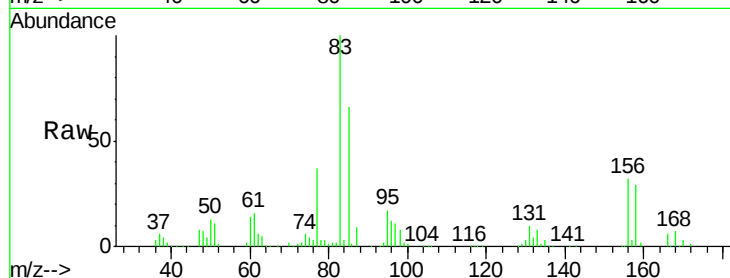
ClientSampled :

VX0308WBSD01

Tot Ion:	83	Resp:	69606
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	16.1
85	64.6	32.5	97.5

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#72

1,2,3-Trichloropropane

Concen: 23.54 ug/l m

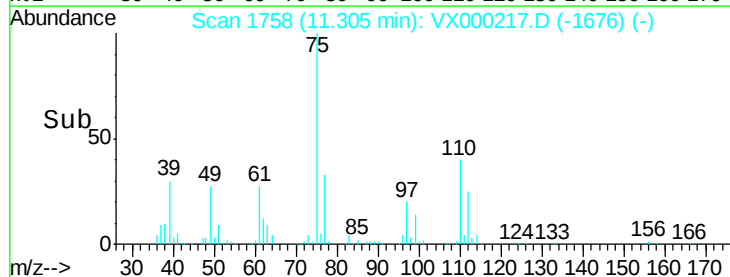
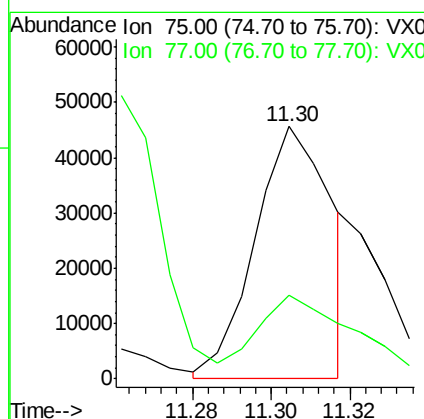
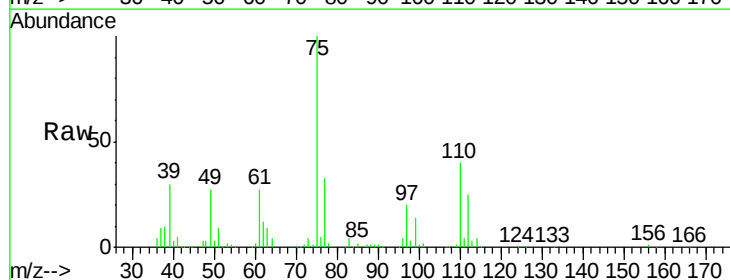
RT: 11.30 min Scan# 1758

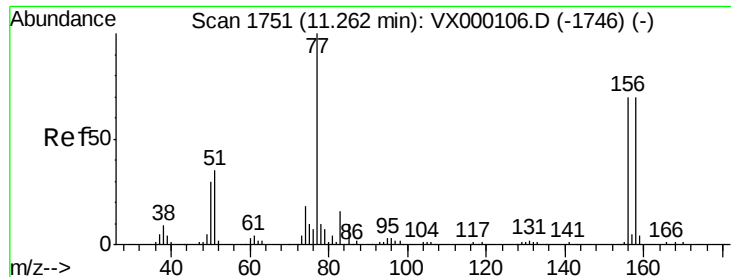
Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	75	Resp:	61597
Ion Ratio	Lower	Upper	
75	100		
77	42.8	0.0	85.8





#73

Bromobenzene

Concen: 20.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

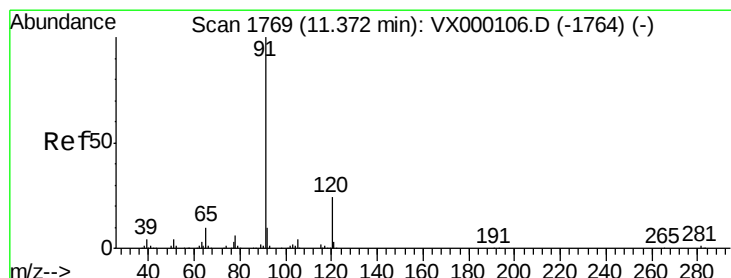
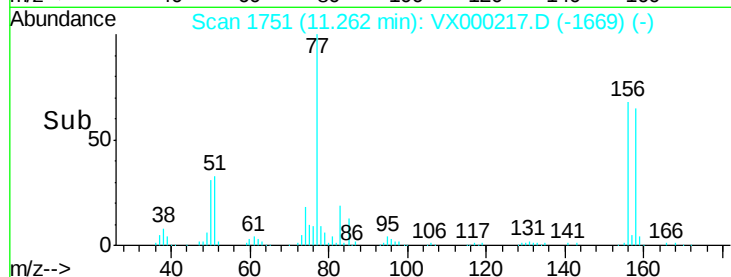
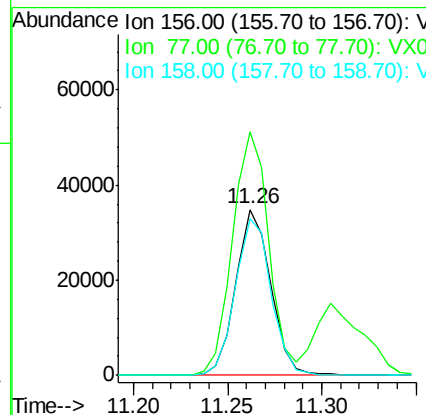
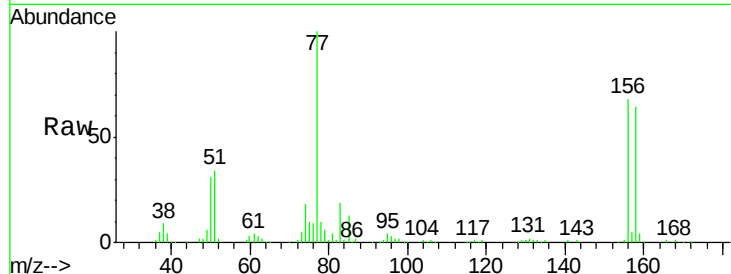
ClientSampled :

VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.2	0.0	280.2
158	96.6	0.0	197.2

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#74

n-propylbenzene

Concen: 21.27 ug/l

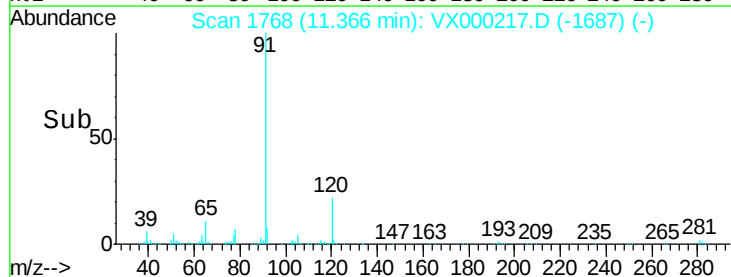
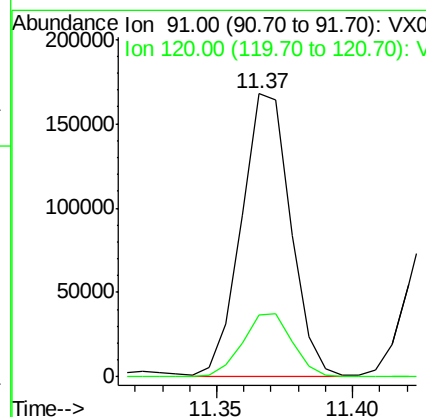
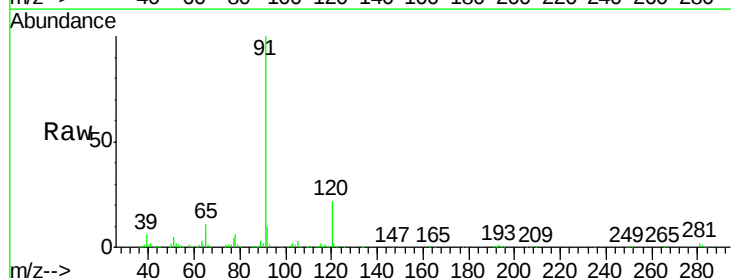
RT: 11.37 min Scan# 1768

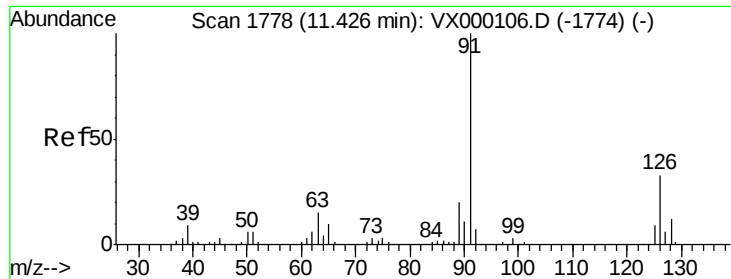
Delta R.T. -0.01 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 20.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

Tot Ion: 91 Resp: 119699

Ion Ratio Lower Upper

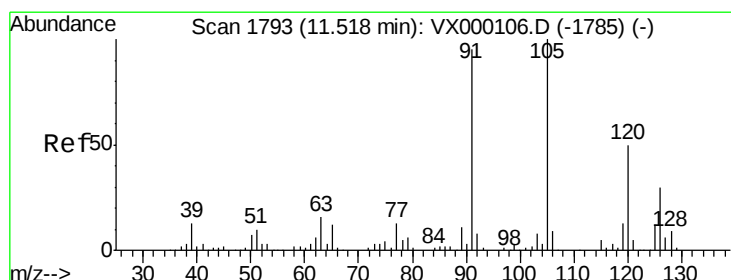
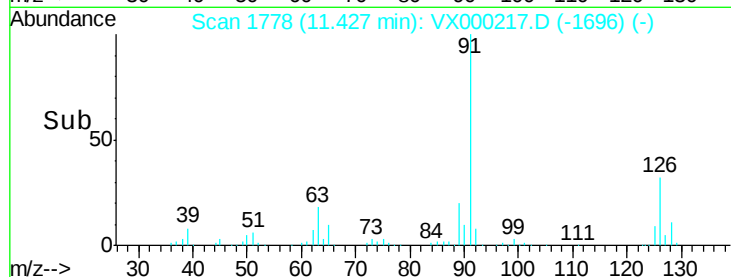
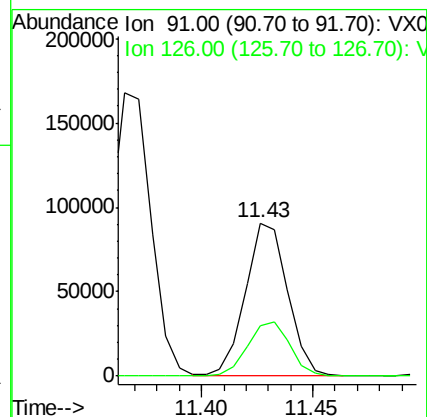
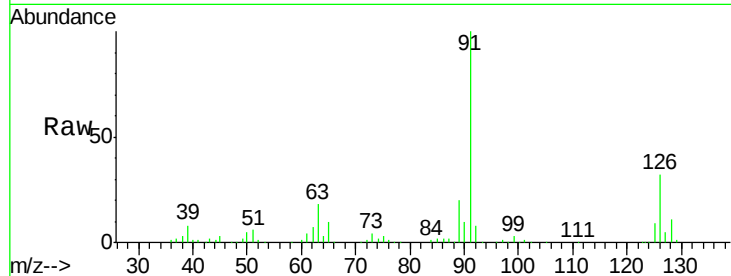
91 100

126 35.9 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000217.D

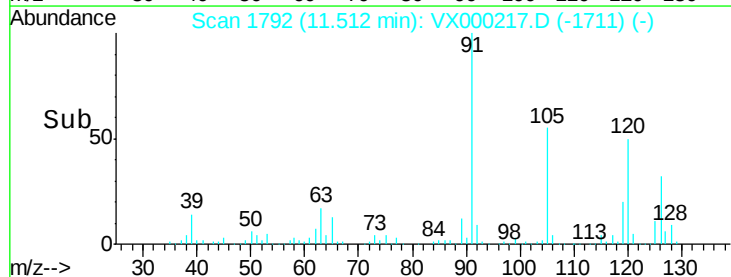
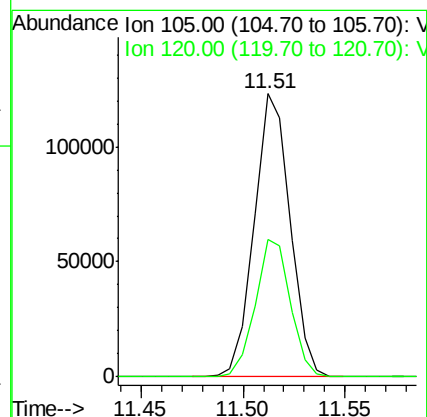
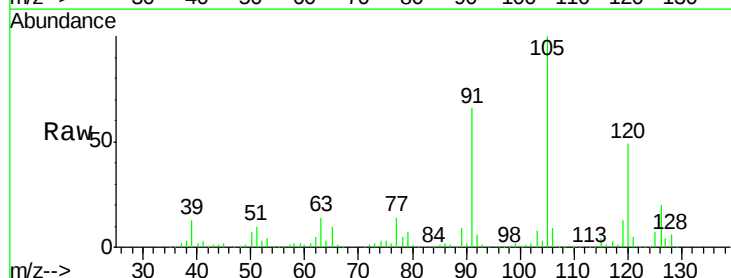
Acq: 08 Mar 2018 11:31

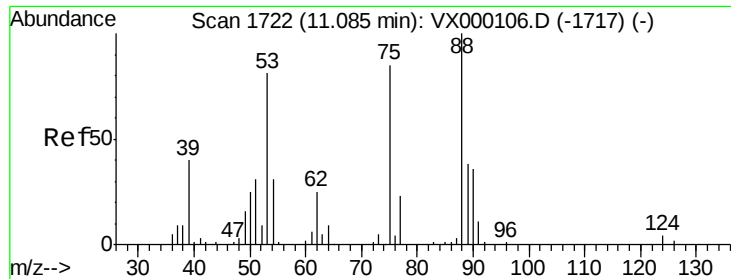
Tgt Ion: 105 Resp: 150727

Ion Ratio Lower Upper

105 100

120 47.7 0.0 63.8





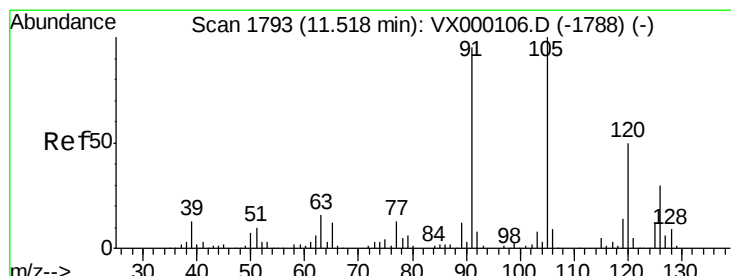
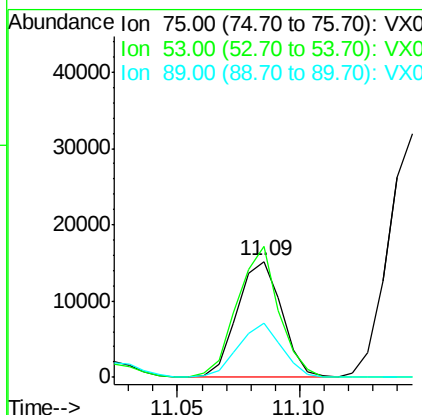
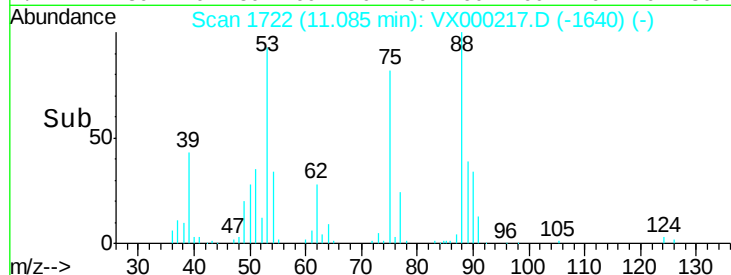
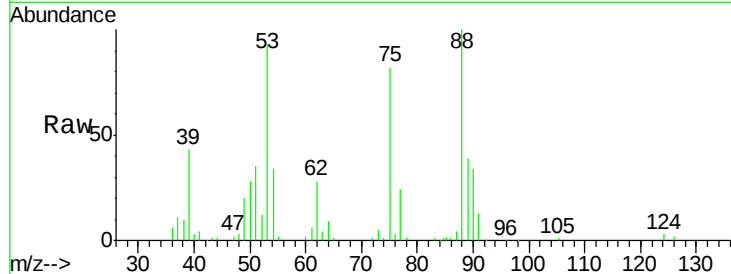
#77
t-1,4-Dichloro-2-butene
Concen: 20.87 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.3	47.8	143.3
89	47.3	22.3	66.8

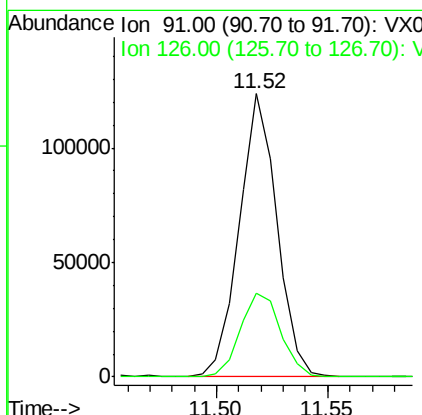
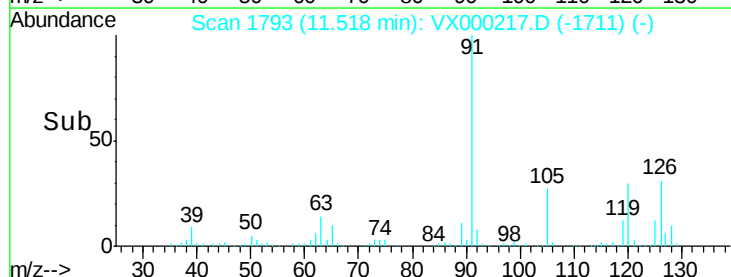
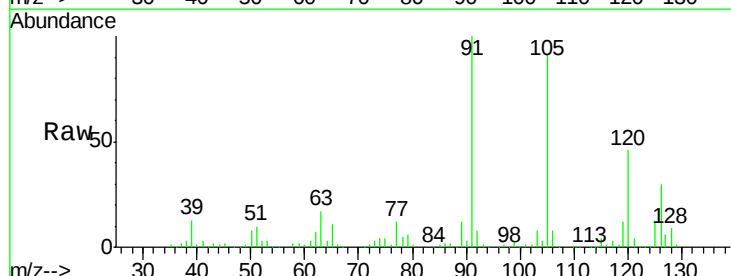
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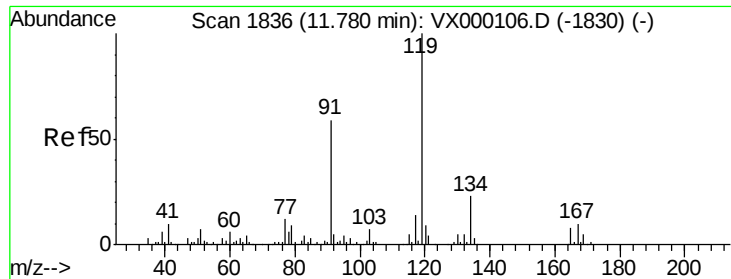
apatel
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#78
4-Chlorotoluene
Concen: 21.15 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	63.4





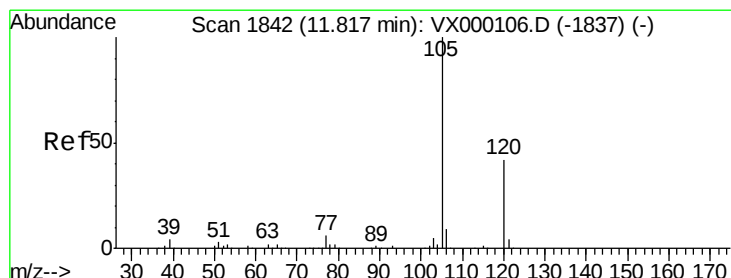
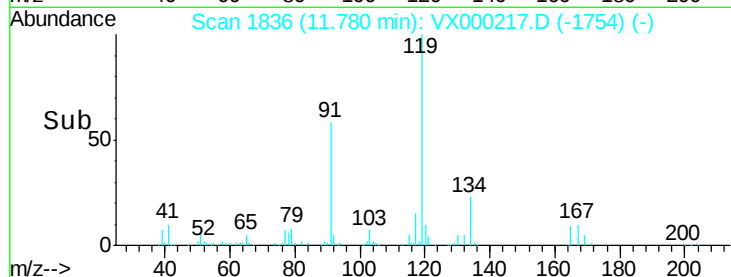
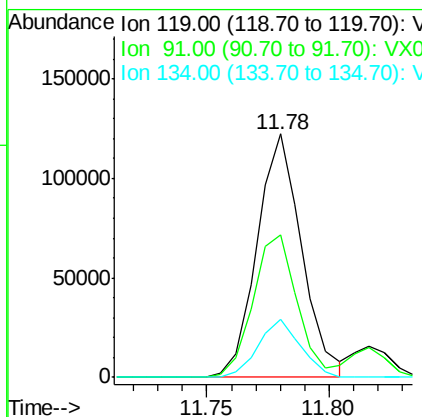
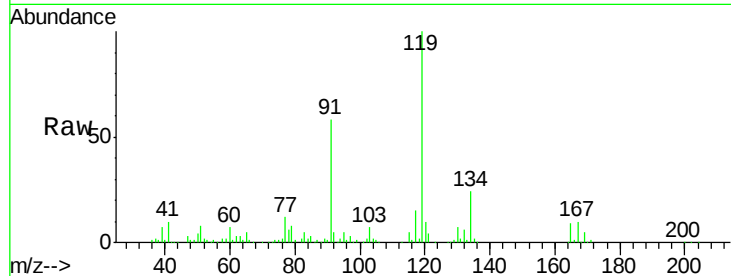
#79
tert-butylbenzene
Concen: 21.83 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156124		
91	0.1	0.0	51.6	
134	0.1	0.0	60.2	

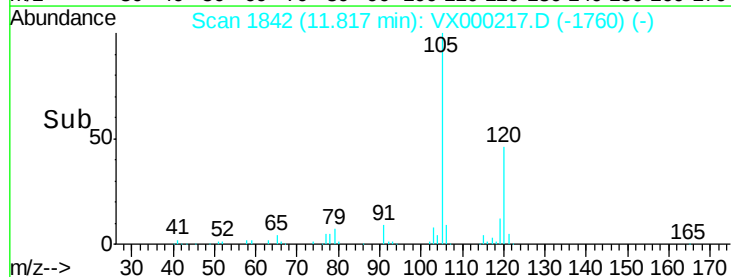
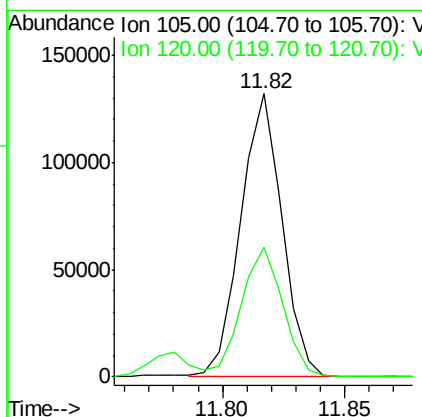
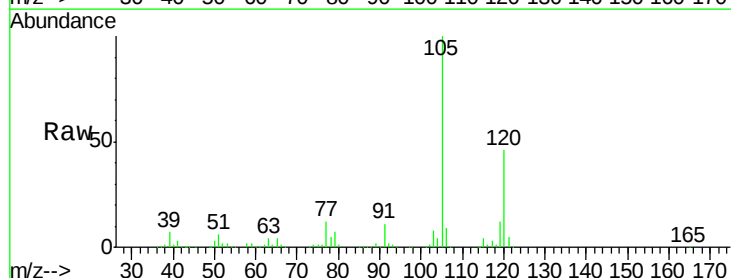
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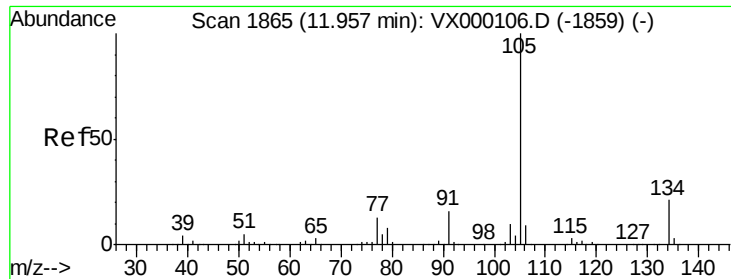
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#80
1,2,4-Trimethylbenzene
Concen: 21.02 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154060		
120	46.0	0.0	93.0	





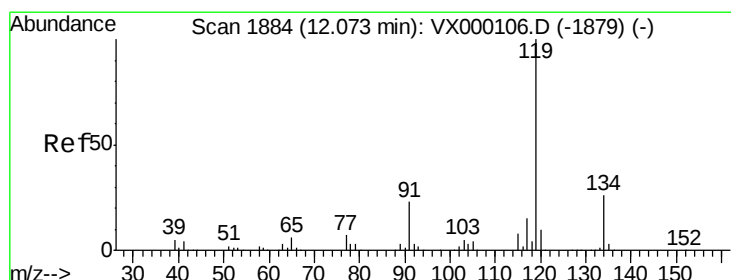
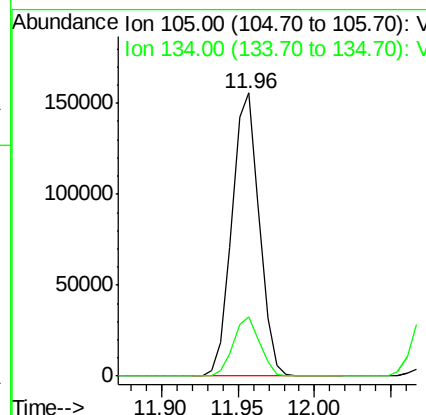
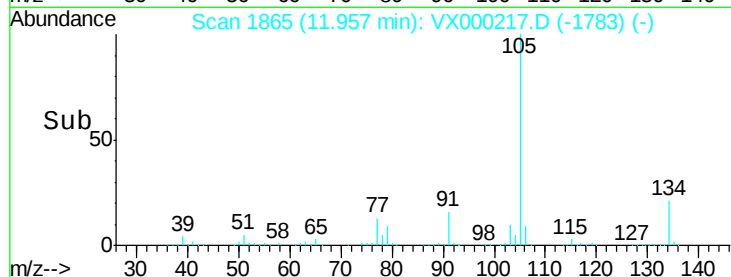
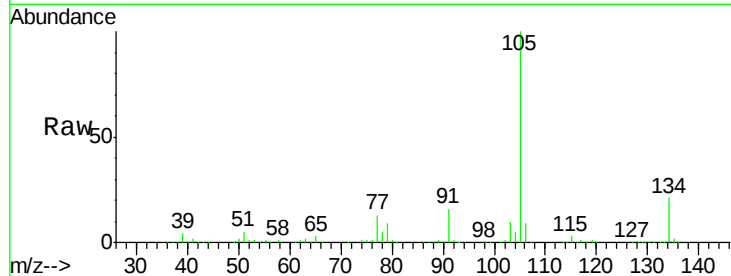
#81
 sec-Butylbenzene
 Concen: 21.76 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	41.8

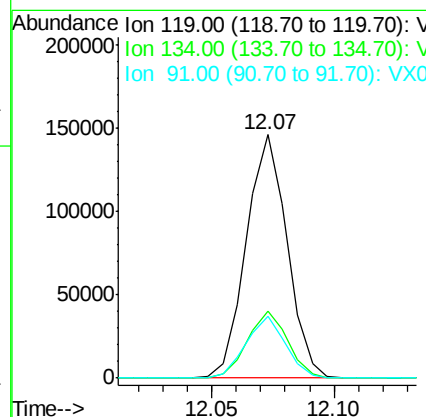
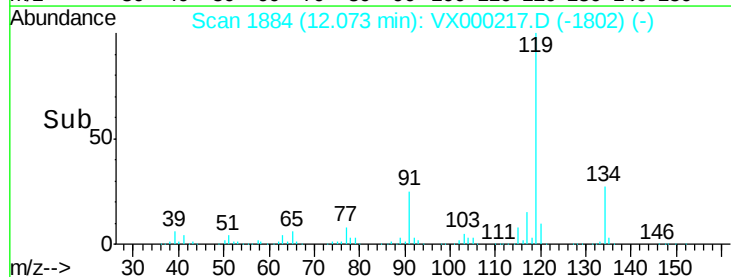
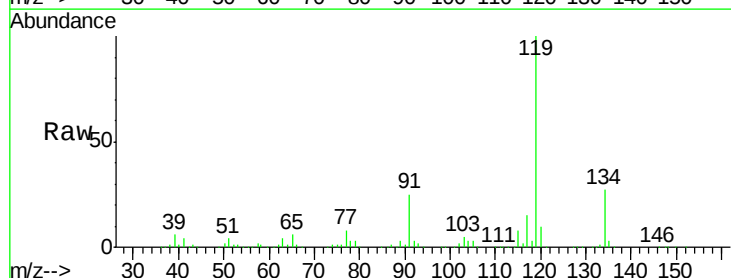
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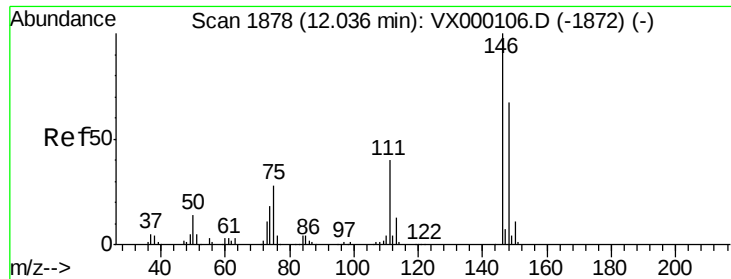
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#82
 p-Isopropyltoluene
 Concen: 21.37 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	54.4
91	24.7	0.0	46.6





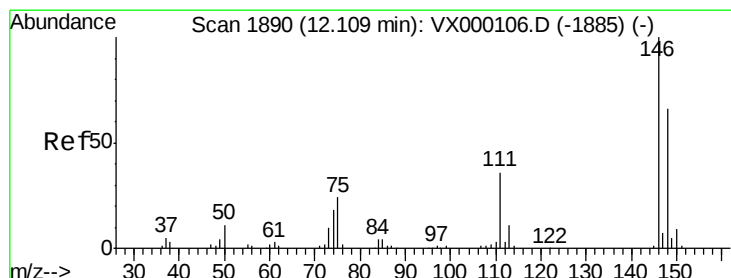
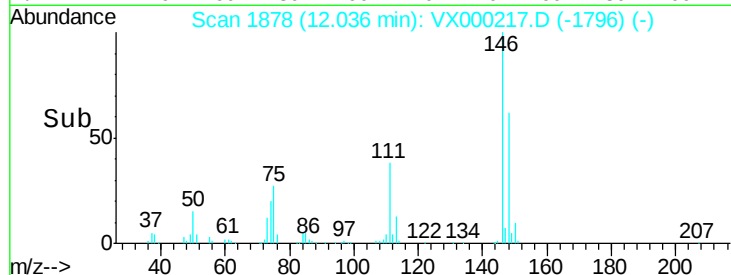
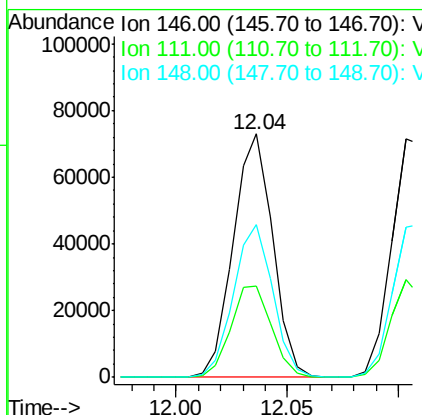
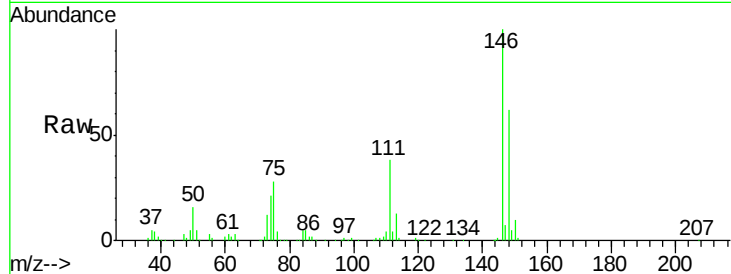
#83
 1,3-Dichlorobenzene
 Concen: 21.36 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	62.5	32.6	97.7

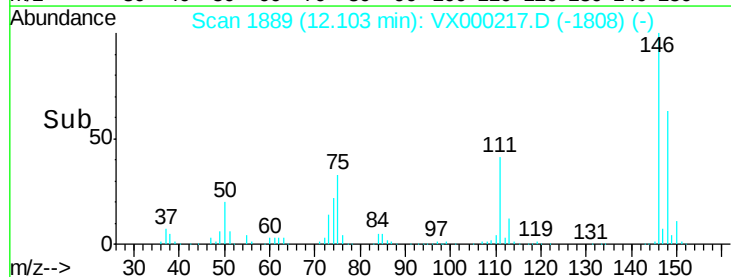
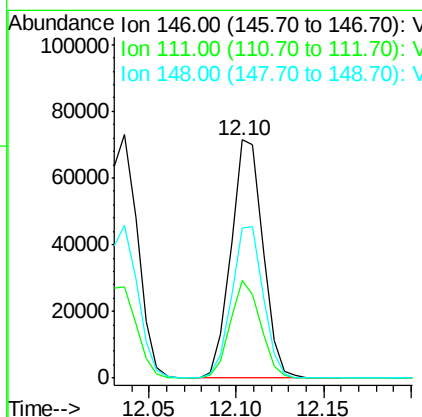
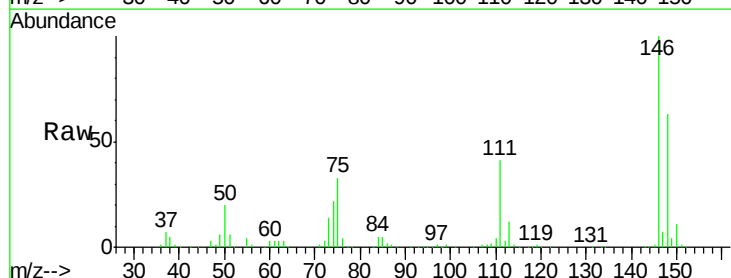
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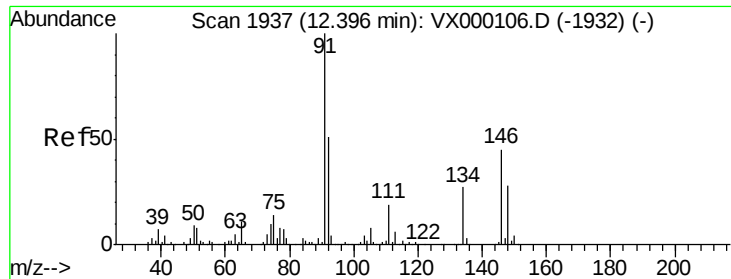
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#84
 1,4-Dichlorobenzene
 Concen: 20.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.4	55.0
148	62.7	31.9	95.7





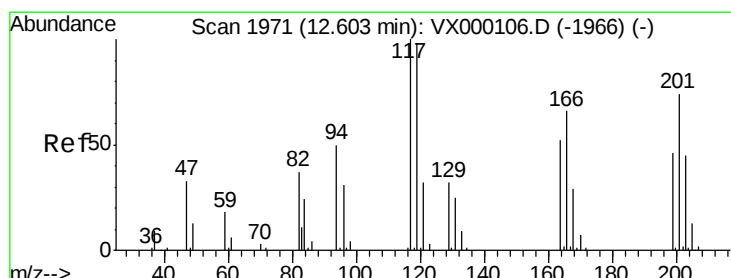
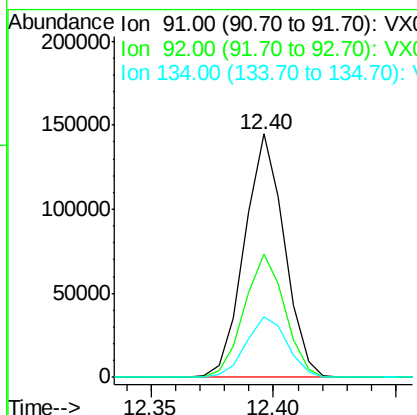
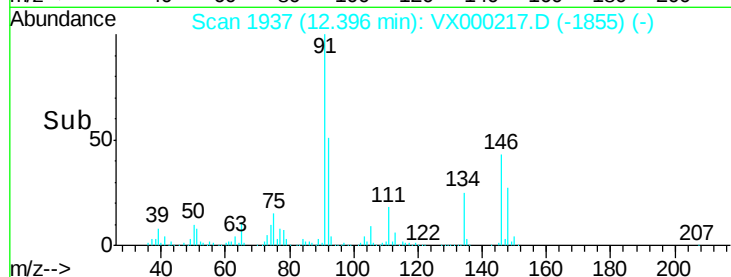
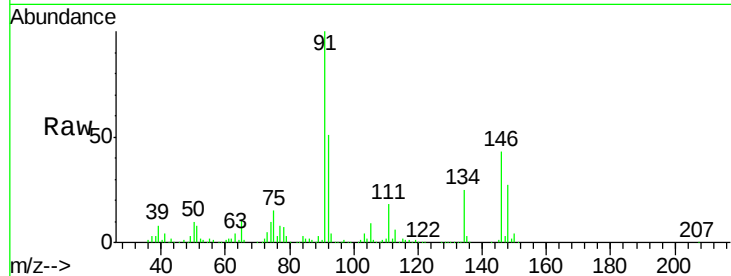
#85
n-Butylbenzene
Concen: 22.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	163503		
92	51.6	0.0	102.0	
134	25.9	0.0	54.2	

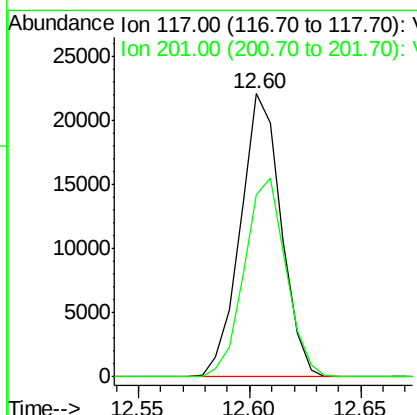
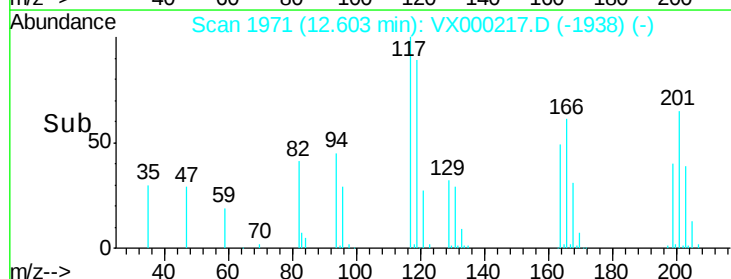
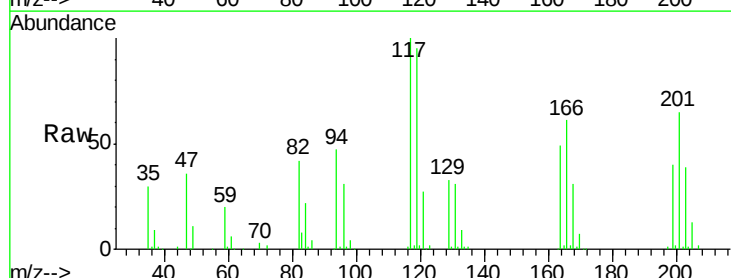
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#86
Hexachloroethane
Concen: 21.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28267		
201	71.8	38.9	116.6	





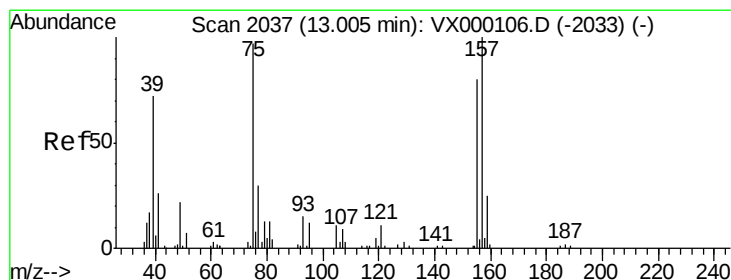
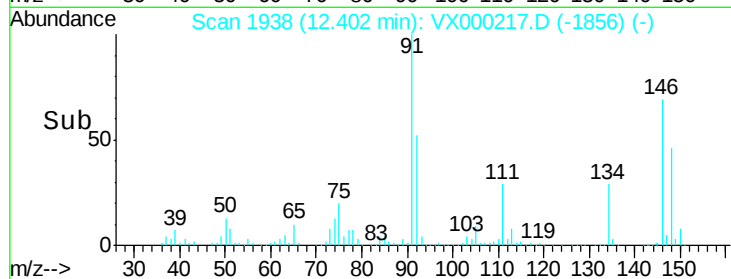
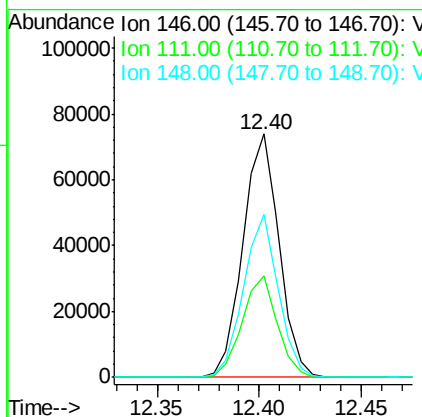
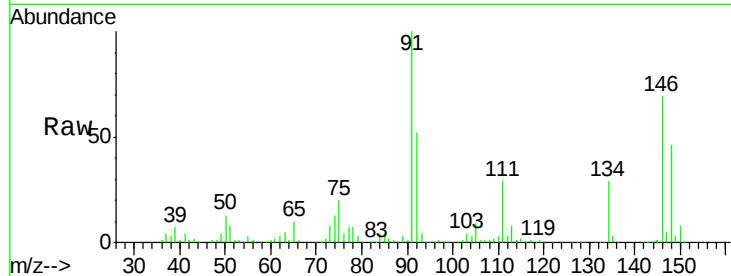
#87
 1,2-Dichlorobenzene
 Concen: 21.68 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	64.7	31.6	95.0

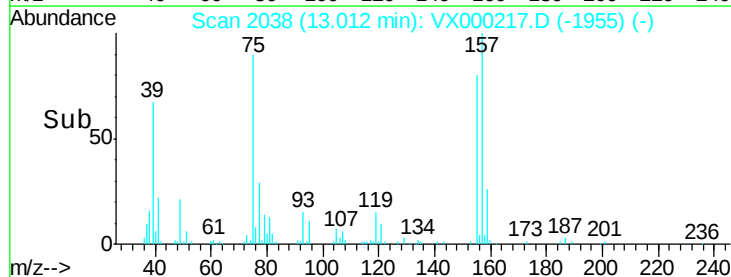
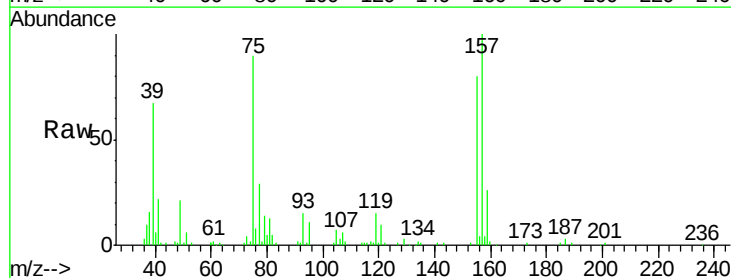
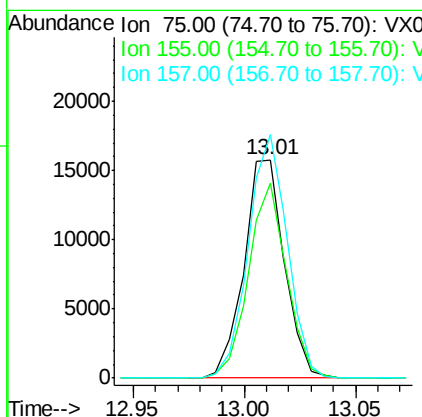
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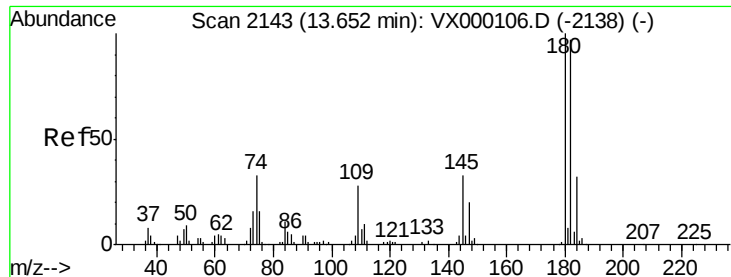
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 24.61 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000217.D
 Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	75.1	112.7
157	106.8	99.0	148.4





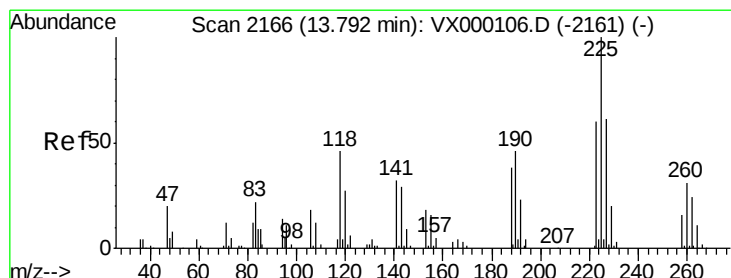
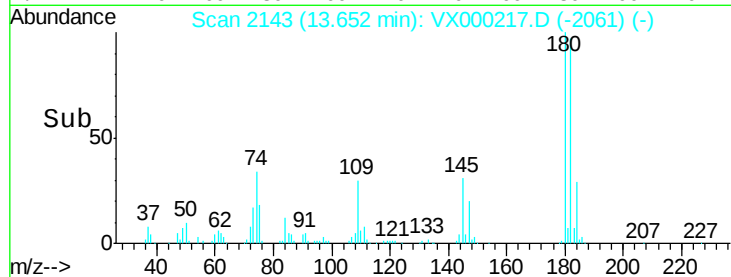
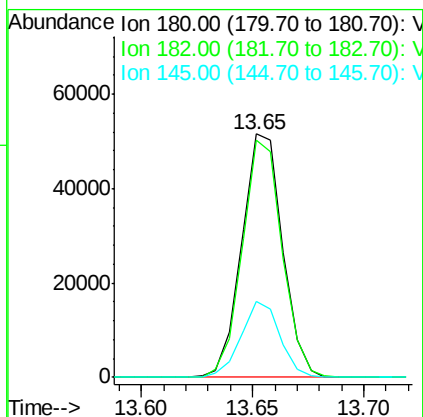
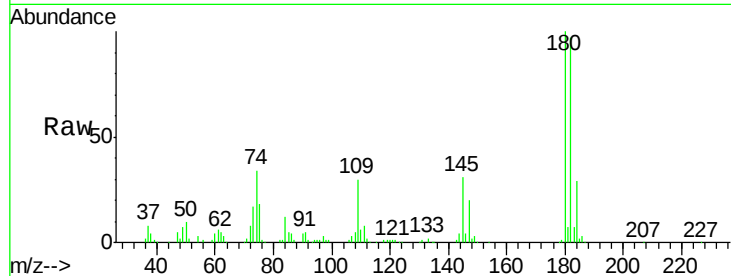
#89
1,2,4-Trichlorobenzene
Concen: 21.44 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.3	114.5
145	29.8	24.6	37.0

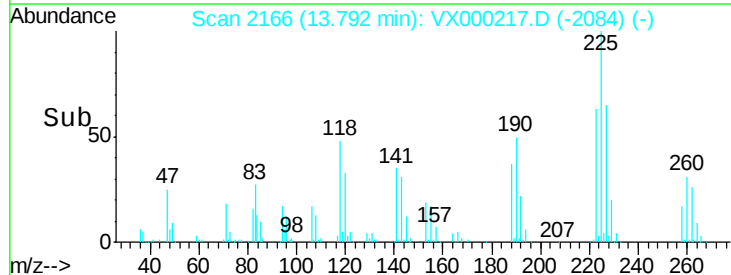
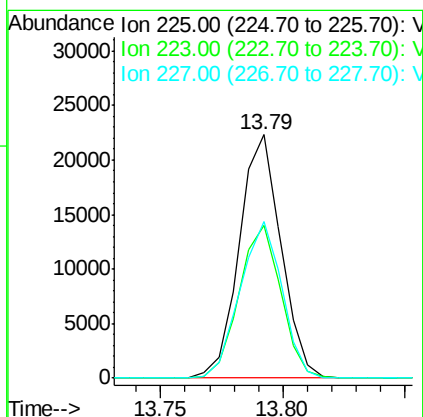
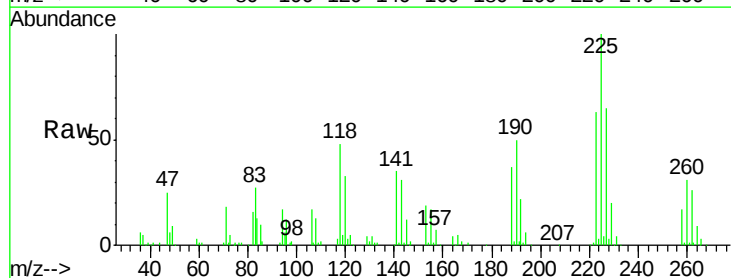
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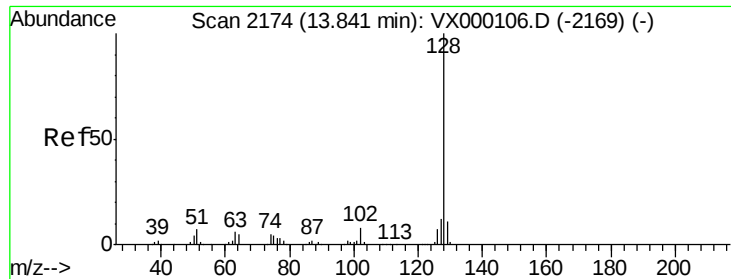
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#90
Hexachlorobutadiene
Concen: 19.95 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000217.D
Acq: 08 Mar 2018 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	131.2
227	65.0	0.0	127.6





#91

Naphthalene

Concen: 22.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Instrument :

MSVOA_X

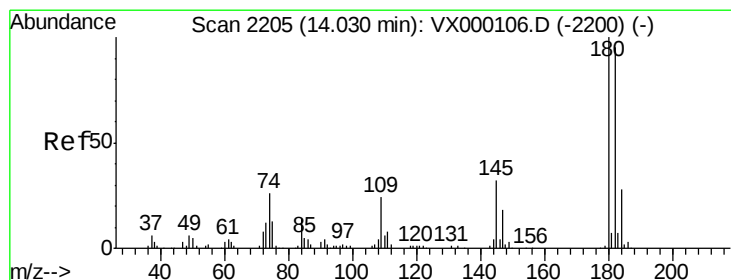
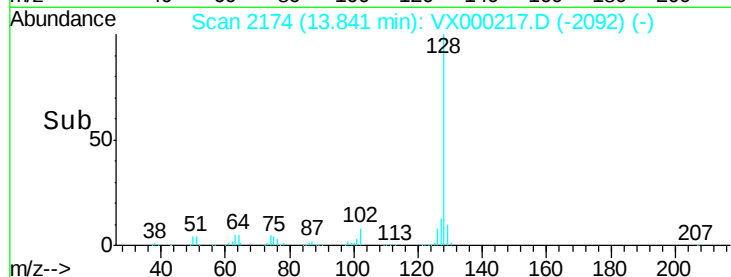
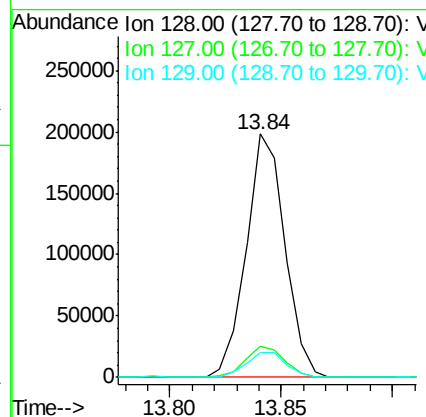
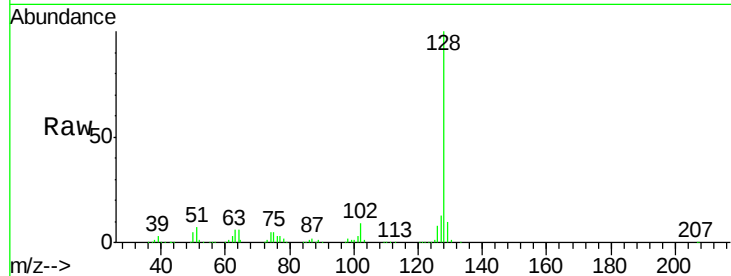
ClientSampled :

VX0308WBSD01

Tot Ion:	128	Resp:	240904
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.6

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#92

1,2,3-Trichlorobenzene

Concen: 21.46 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000217.D

Acq: 08 Mar 2018 11:31

Tgt Ion:	180	Resp:	66455
Ion Ratio	Lower	Upper	
180	100		
182	95.2	0.0	188.6
145	32.0	0.0	65.8

