

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003030.D
 Acq On : 29 Jun 2018 15:51
 Operator : JC/MD
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Manual Integrations
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Quant Time: Jun 29 23:47:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188120	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.51	113	154679	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.72	98	551646	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	209334	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60486	24.09	ug/l	99
3) Chloromethane	1.32	50	58398	21.88	ug/l	98
4) Vinyl Chloride	1.40	62	63870	20.21	ug/l	# 87
5) Bromomethane	1.64	94	26132	15.86	ug/l	99
6) Chloroethane	1.72	64	39970	20.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	102261	19.19	ug/l	98
8) Diethyl Ether	2.19	74	36478	18.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57858	18.73	ug/l	97
10) Methyl Iodide	2.51	142	44756	18.74	ug/l	98
11) Tert butyl alcohol	3.08	59	73233	95.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53364	19.37	ug/l	96
13) Acrolein	2.29	56	38743	93.53	ug/l	100
14) Allyl chloride	2.73	41	102331	18.84	ug/l	97
15) Acrylonitrile	3.15	53	164194	99.92	ug/l	100
16) Acetone	2.45	43	166643	104.20	ug/l	96
17) Carbon Disulfide	2.57	76	142829	19.45	ug/l	99
18) Methyl Acetate	2.78	43	79727	17.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	187430	18.92	ug/l	100
20) Methylene Chloride	2.86	84	58034	18.65	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	56260	18.75	ug/l	96
22) Diisopropyl ether	3.88	45	199575	19.22	ug/l	99
23) Vinyl Acetate	3.83	43	884877	100.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	106924	18.95	ug/l	100
25) 2-Butanone	4.71	43	250452	105.52	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85786	18.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65675	19.52	ug/l	99
28) Bromochloromethane	5.03	49	55253	20.46	ug/l	94
29) Tetrahydrofuran	5.17	42	155063	101.88	ug/l	97
30) Chloroform	5.22	83	112427	19.41	ug/l	97
31) Cyclohexane	5.57	56	92658	19.13	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	98479	19.33	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79970	18.98	ug/l	97
37) Ethyl Acetate	4.87	43	94359	20.80	ug/l	99
38) Carbon Tetrachloride	5.78	117	89504	19.36	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89082	18.15	ug/l	99
40) Benzene	6.15	78	242408	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	53216	20.37	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95332	19.28	ug/l	99
43) Isopropyl Acetate	6.47	43	146479	19.25	ug/l	98
44) Trichloroethene	7.22	130	71303	19.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61935	19.07	ug/l	99
46) Dibromomethane	7.67	93	43090	19.12	ug/l	94
47) Bromodichloromethane	7.90	83	79618	19.11	ug/l	98
48) Methyl methacrylate	7.78	41	75558	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	31279	410.10	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	484217	101.72	ug/l	98
52) Toluene	8.79	92	155923	19.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92549	19.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83557	18.40	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64112	19.89	ug/l	97
56) Ethyl methacrylate	9.18	69	93396	19.83	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105113	19.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229974	101.21	ug/l	97
59) 2-Hexanone	9.50	43	371873	102.79	ug/l	98
60) Dibromochloromethane	9.59	129	64011	18.87	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68022	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	78162	19.40	ug/l	98
65) Chlorobenzene	10.14	112	178372	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64950	19.43	ug/l	99
67) Ethyl Benzene	10.26	91	298741	19.65	ug/l	99
68) m/p-Xylenes	10.36	106	231866	39.58	ug/l	99
69) o-Xylene	10.70	106	111786	19.60	ug/l	99
70) Styrene	10.71	104	186231	20.09	ug/l	100
71) Bromoform	10.86	173	50250	19.24	ug/l	98
73) Isopropylbenzene	11.02	105	301717	20.13	ug/l	99
74) N-amyl acetate	6.47	43	146479	19.97	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	94918	20.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93794m	23.24	ug/l	
77) Bromobenzene	11.26	156	85846	20.11	ug/l	97
78) n-propylbenzene	11.37	91	335874	19.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	205474	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249957	19.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22390	18.37	ug/l	92
82) 4-Chlorotoluene	11.51	91	238621	19.51	ug/l	98
83) tert-Butylbenzene	11.77	119	245489	19.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	259063	19.80	ug/l	98
85) sec-Butylbenzene	11.95	105	291119	19.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	260491	19.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153150	19.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154294	19.23	ug/l	100
89) n-Butylbenzene	12.39	91	215391	18.23	ug/l	100
90) Hexachloroethane	12.60	117	34641	17.16	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156130	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20216	19.47	ug/l	98

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Instrument :
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ClientSampleId :
VX0629WBSD01

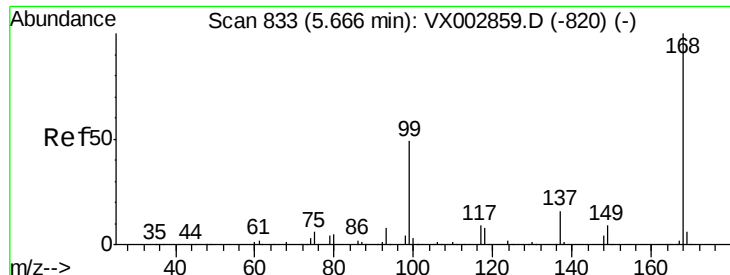
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109280	19.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	54045	18.92	ug/l	99
95) Naphthalene	13.84	128	314077	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112708	19.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion:168 Resp: 279397

Ion Ratio Lower Upper

168 100

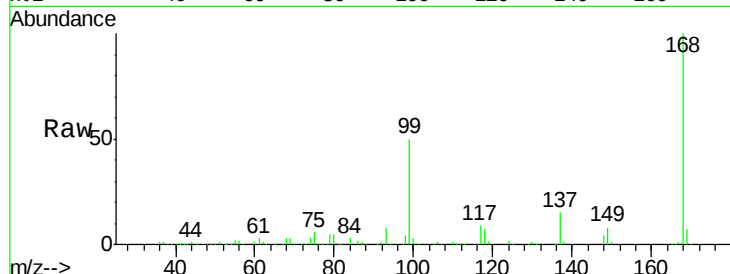
99 49.9 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

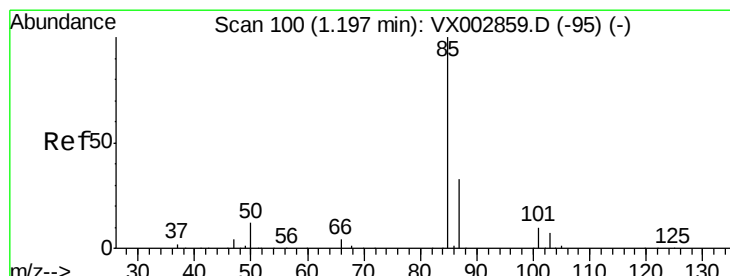
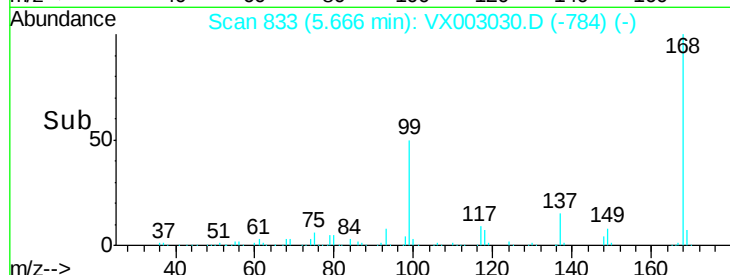
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003030.D

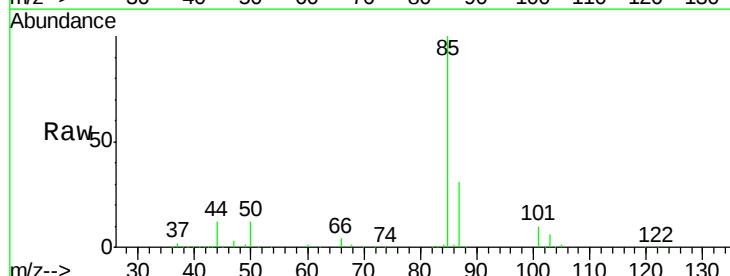
Acq: 29 Jun 2018 15:51

Tgt Ion: 85 Resp: 60486

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

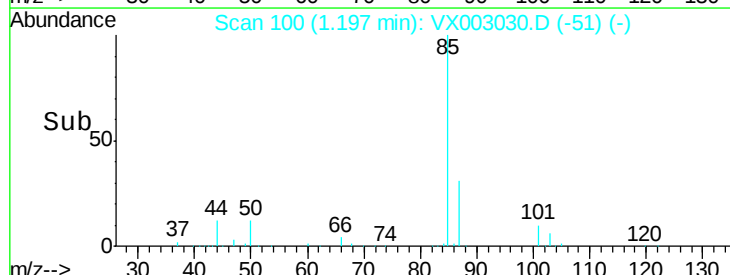
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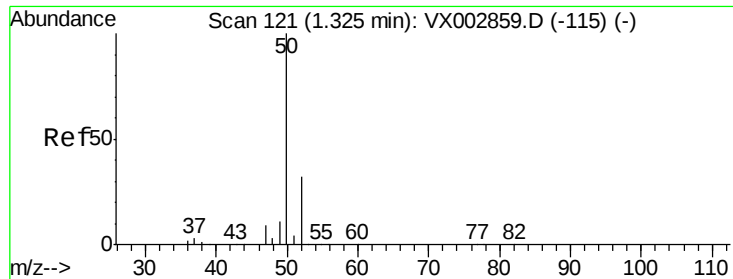
40000

20000

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Time-->





#3

Chloromethane

Concen: 21.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 50 Resp: 58398

Ion Ratio Lower Upper

50 100

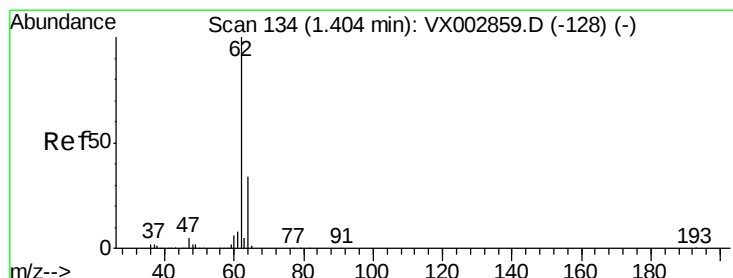
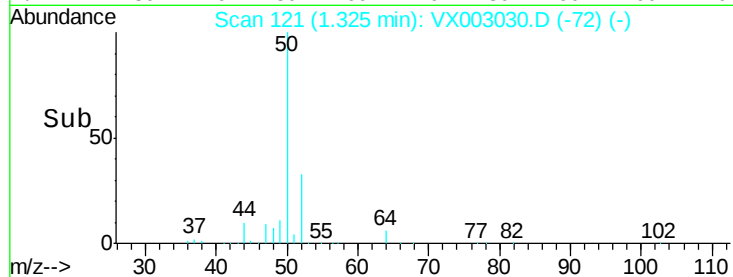
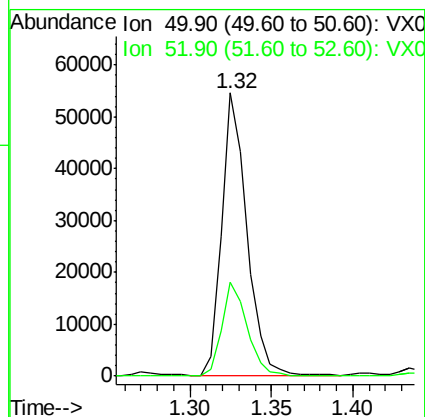
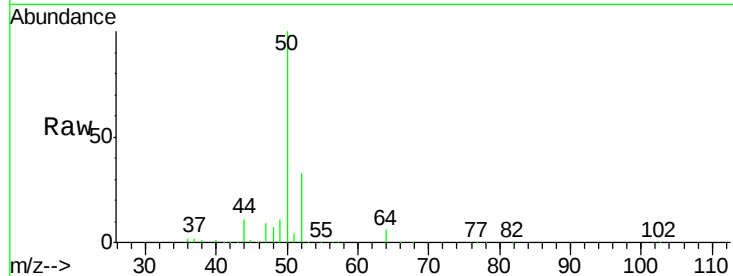
52 33.2 25.7 38.5

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#4

Vinyl Chloride

Concen: 20.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003030.D

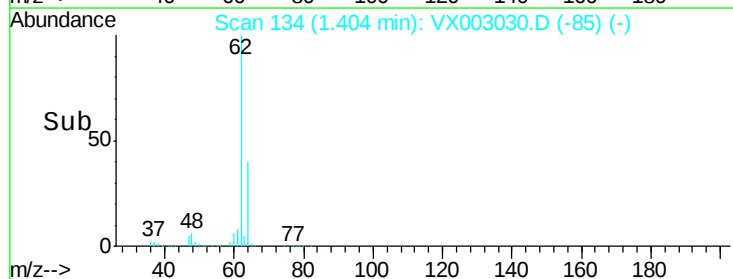
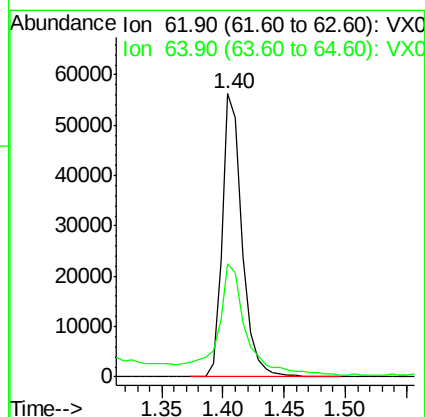
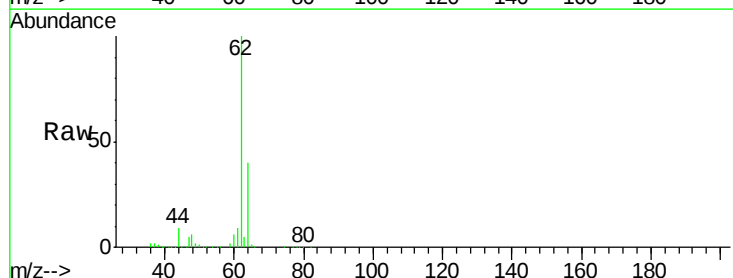
Acq: 29 Jun 2018 15:51

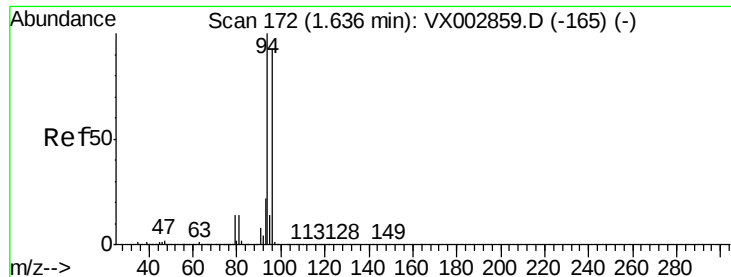
Tgt Ion: 62 Resp: 63870

Ion Ratio Lower Upper

62 100

64 39.2 25.4 38.2#





#5

Bromomethane

Concen: 15.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 94 Resp: 26132

Ion Ratio Lower Upper

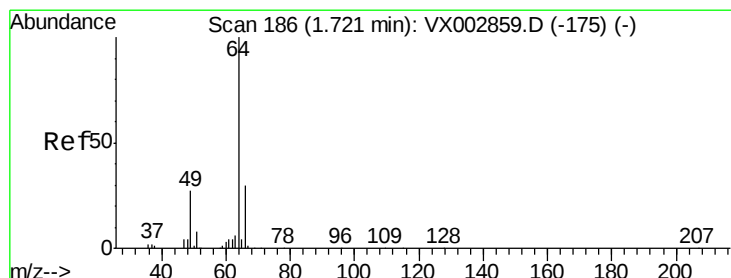
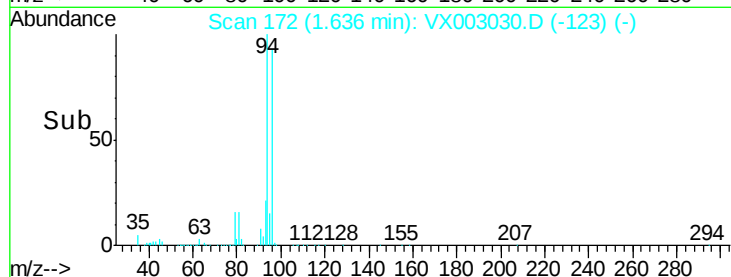
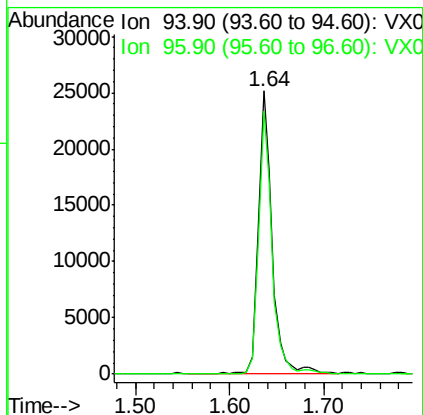
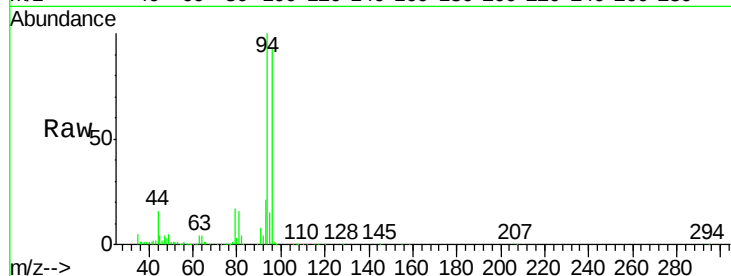
94 100

96 92.8 74.9 112.3

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#6

Chloroethane

Concen: 20.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003030.D

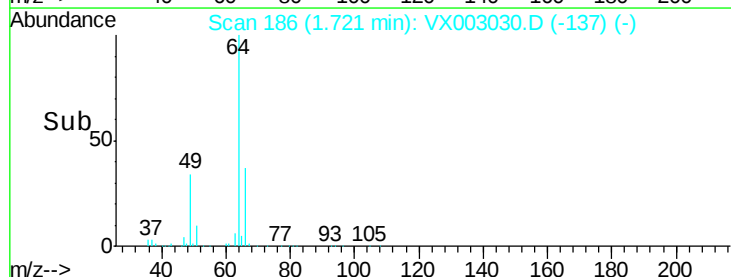
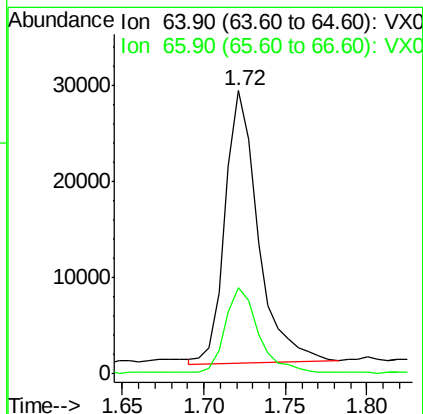
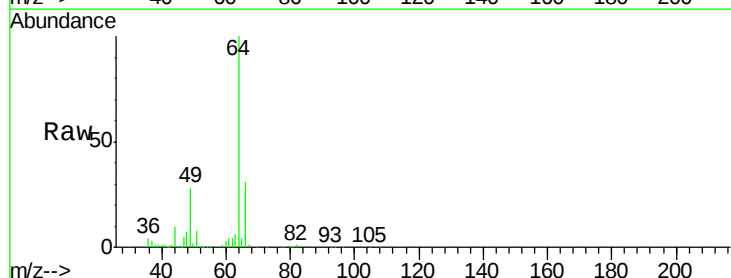
Acq: 29 Jun 2018 15:51

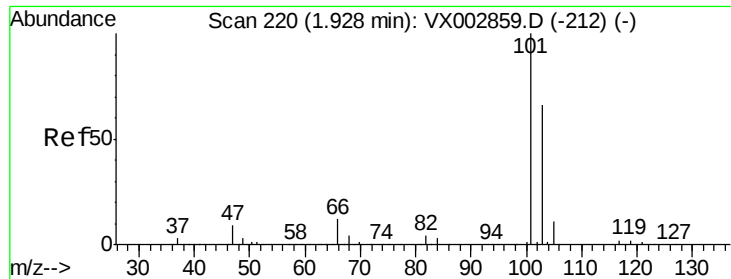
Tgt Ion: 64 Resp: 39970

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

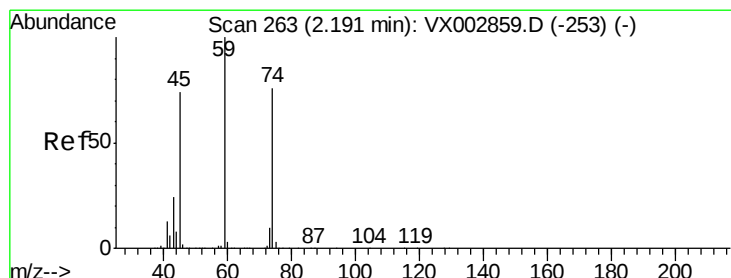
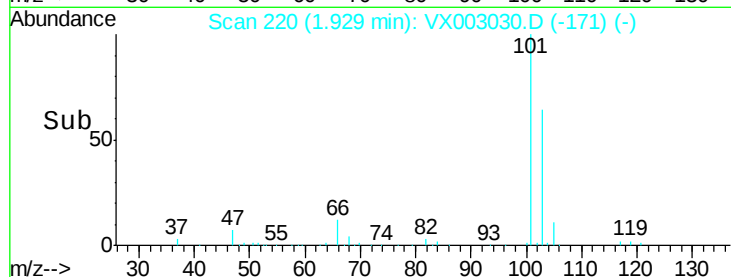
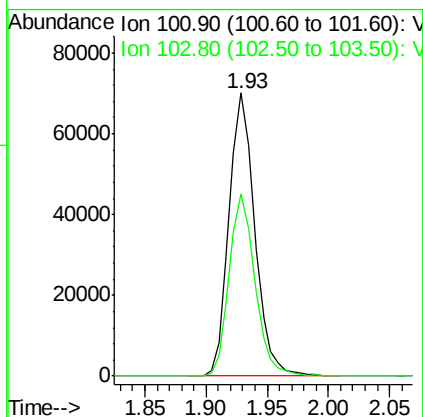
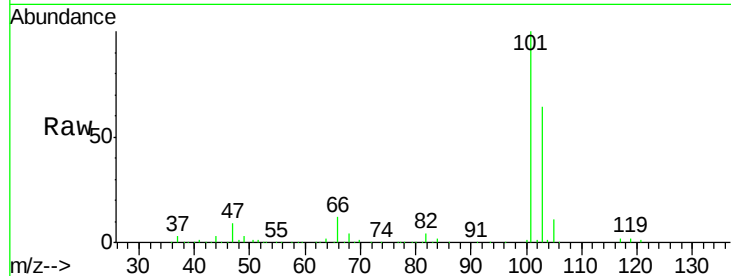
Trichlorofluoromethane
Concen: 19.19 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
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ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

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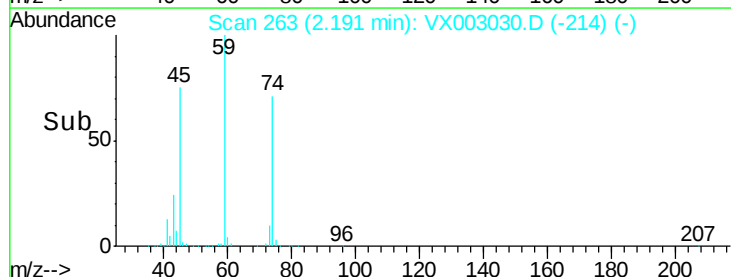
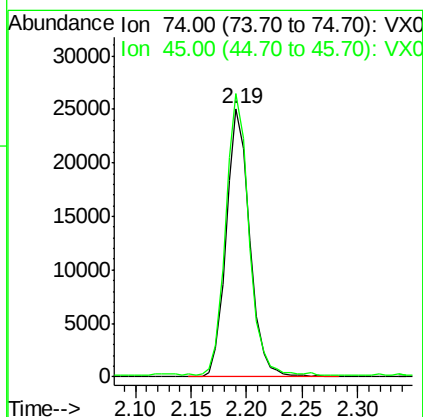
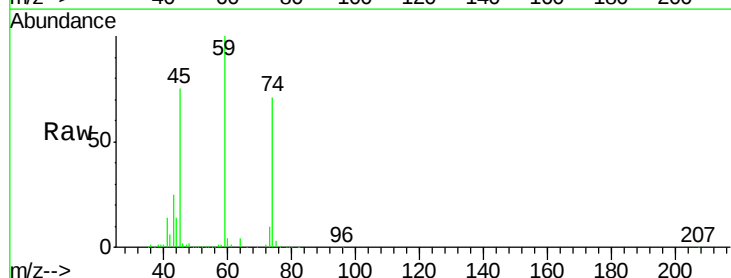
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#8

Diethyl Ether
Concen: 18.83 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.73 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

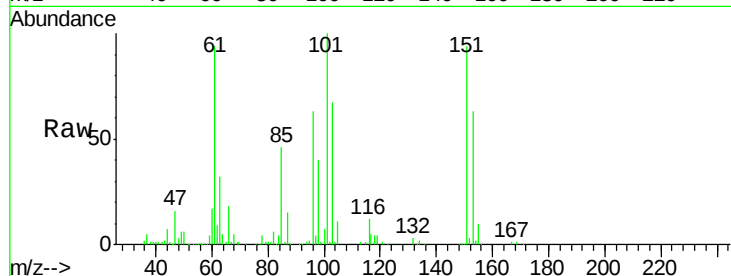
ClientSampleId :

VX0629WBSD01

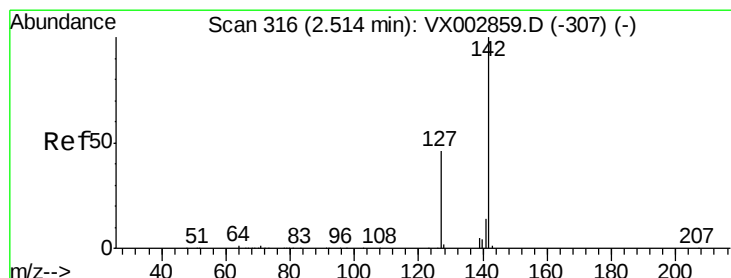
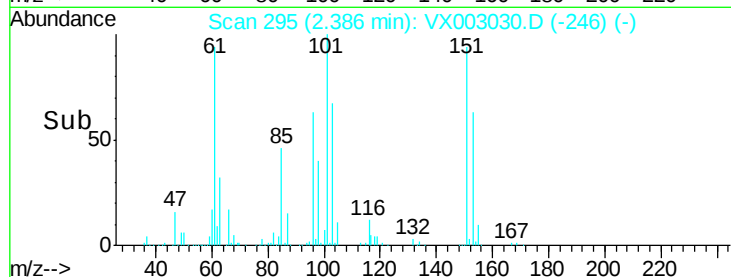
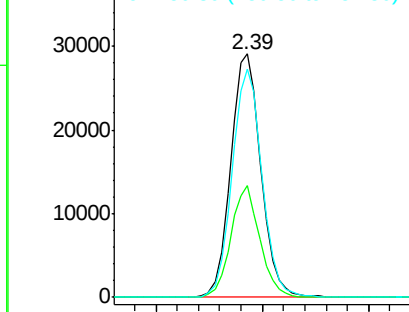
Tot Ion:	101	Resp:	57858
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	92.7	70.9	106.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.74 ug/l

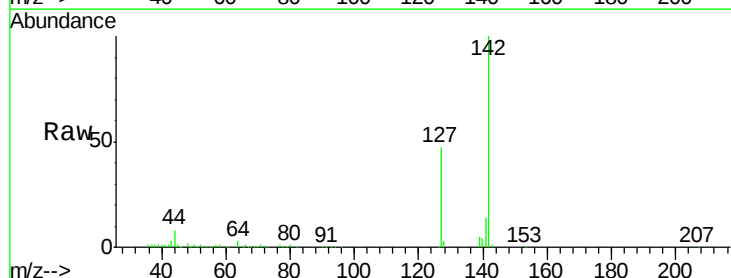
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

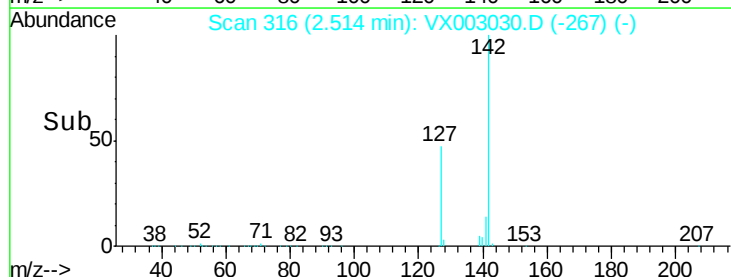
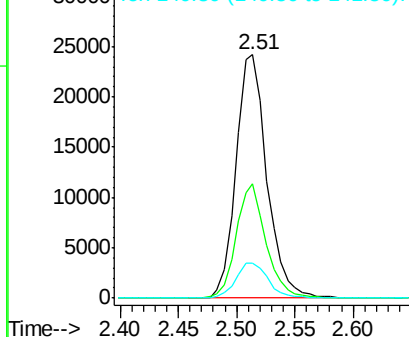
Lab File: VX003030.D

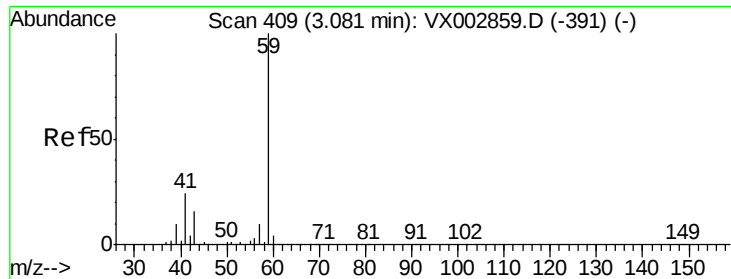
Acq: 29 Jun 2018 15:51

Tgt Ion:	142	Resp:	44756
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.6	55.0
141	15.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

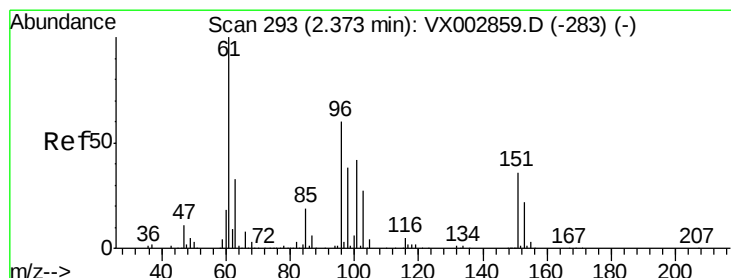
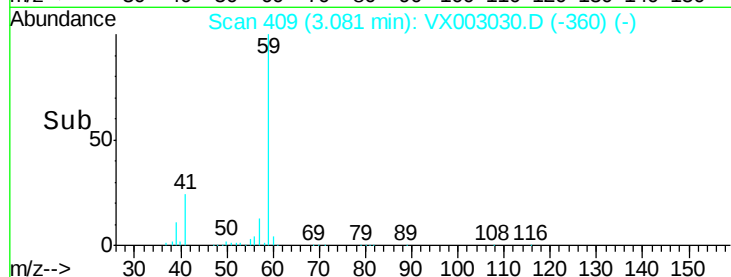
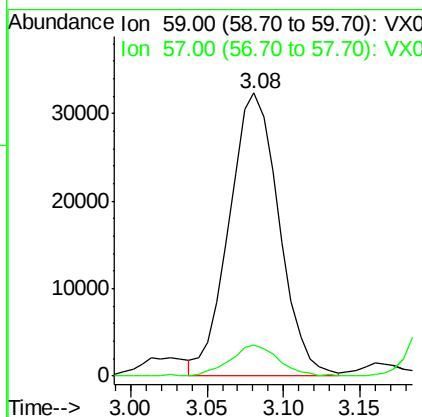
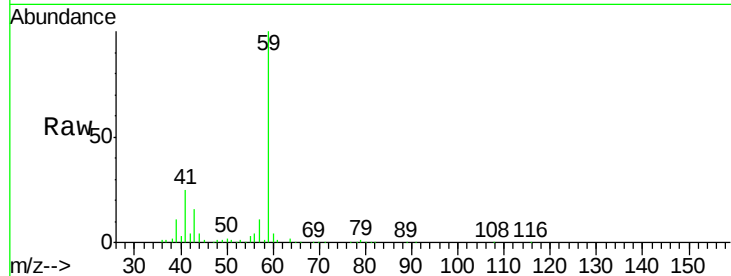
Tert butyl alcohol
 Concen: 95.19 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
 APPROVED

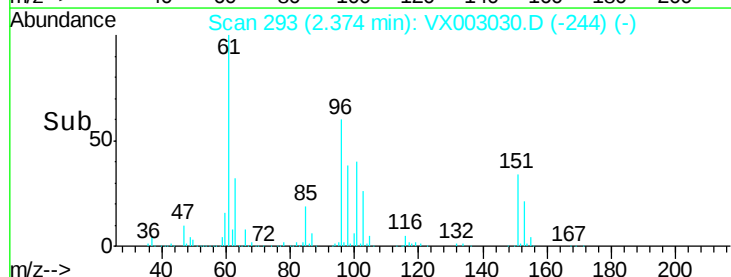
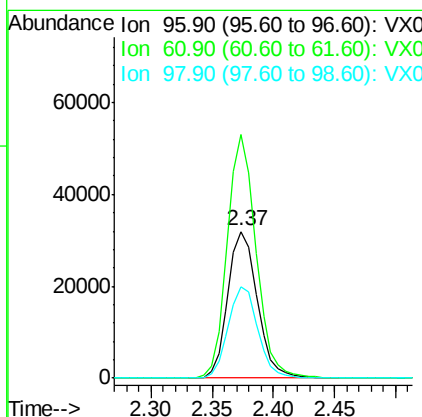
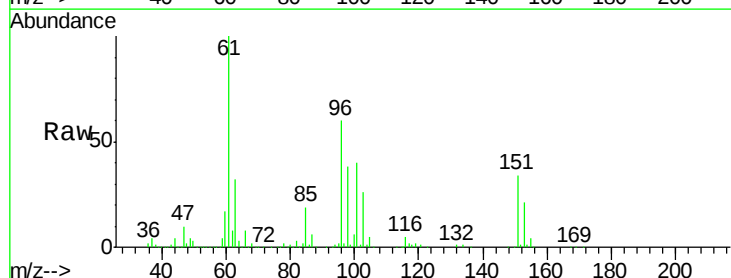
apatel
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#12

1,1-Dichloroethene
 Concen: 19.37 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	137.9	206.9
98	62.8	51.6	77.4





#13

Acrolein

Concen: 93.53 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion: 56 Resp: 38743

Ion Ratio Lower Upper

56 100

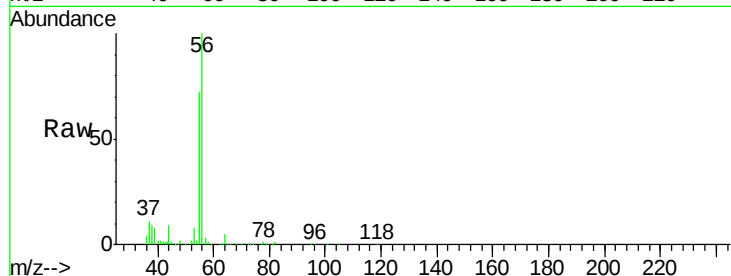
55 71.3 57.0 85.4

Manual Integrations

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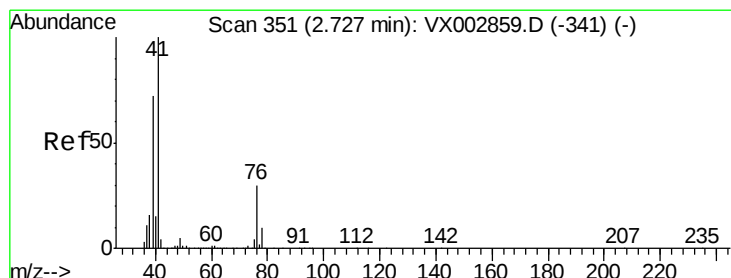
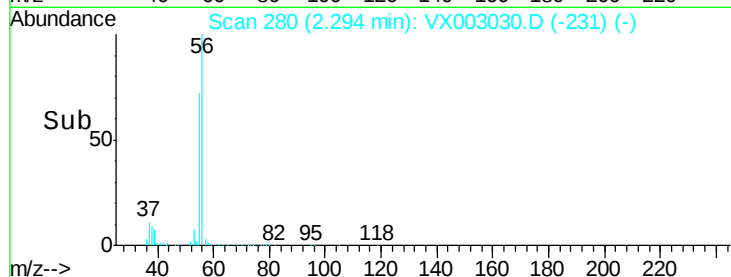
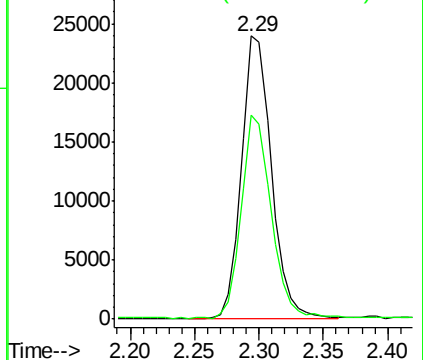
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

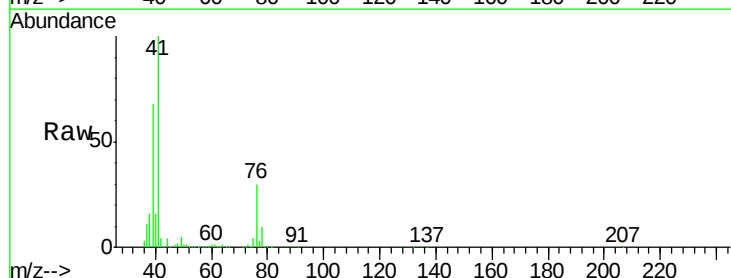
Tgt Ion: 41 Resp: 102331

Ion Ratio Lower Upper

41 100

39 67.8 56.8 85.2

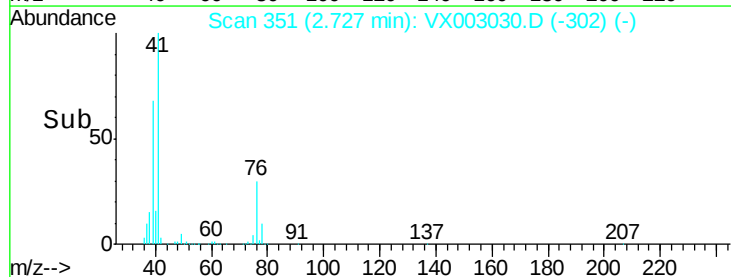
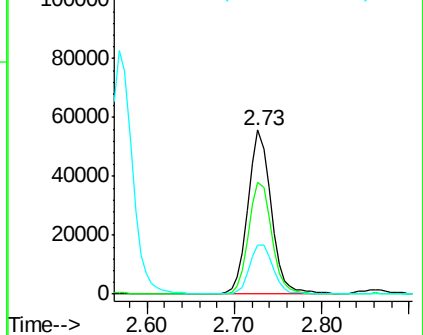
76 30.4 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

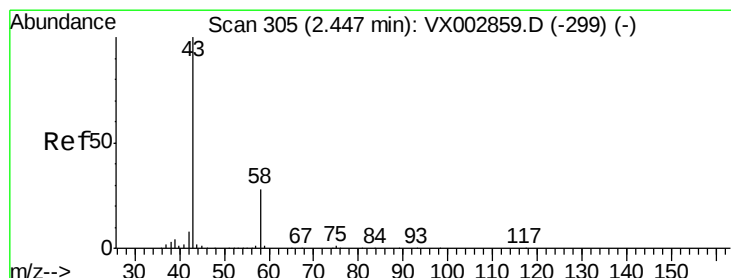
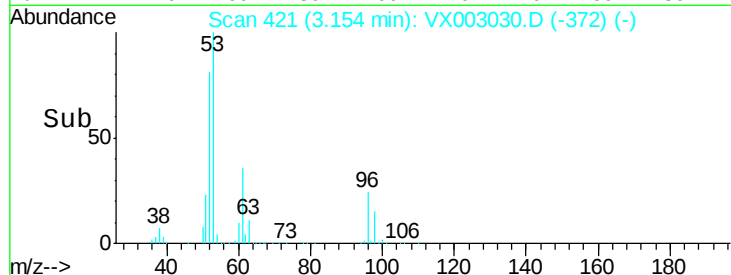
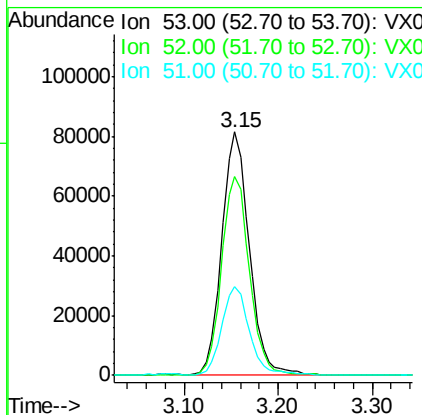
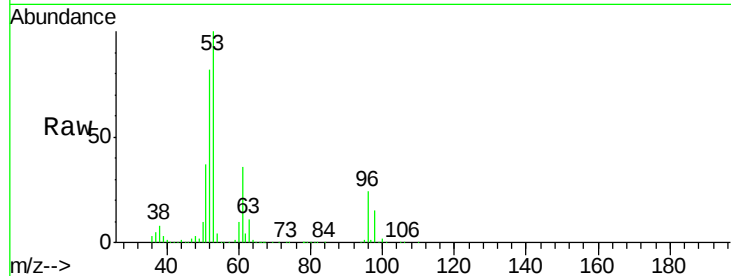
ClientSampled :

VX0629WBSD01

Tot Ion:	53	Resp:	164194
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 104.20 ug/l

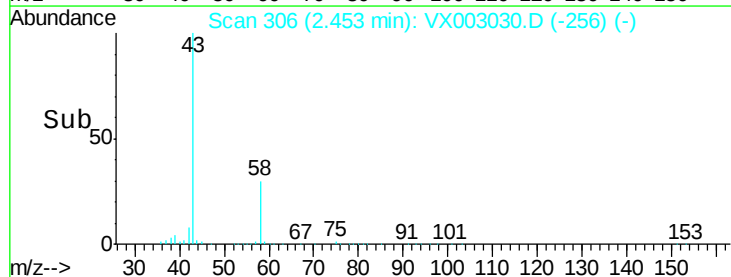
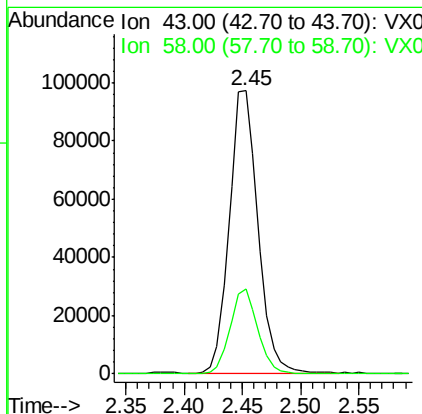
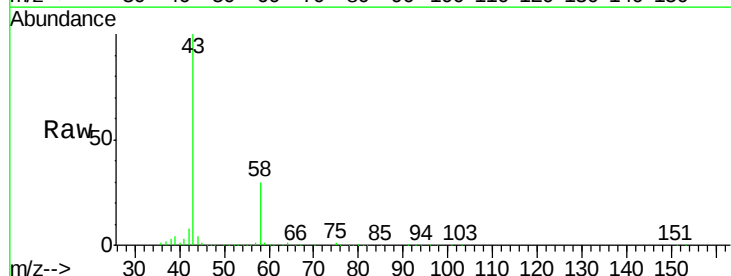
RT: 2.45 min Scan# 306

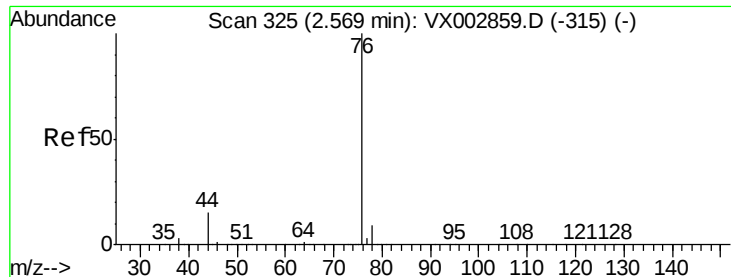
Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	43	Resp:	166643
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1





#17

Carbon Disulfide

Concen: 19.45 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 76 Resp: 142829

Ion Ratio Lower Upper

76 100

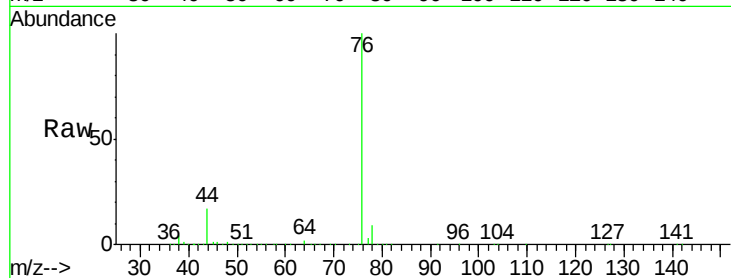
78 9.0 6.9 10.3

Manual Integrations

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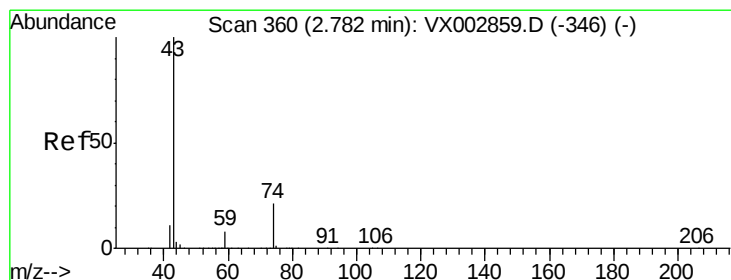
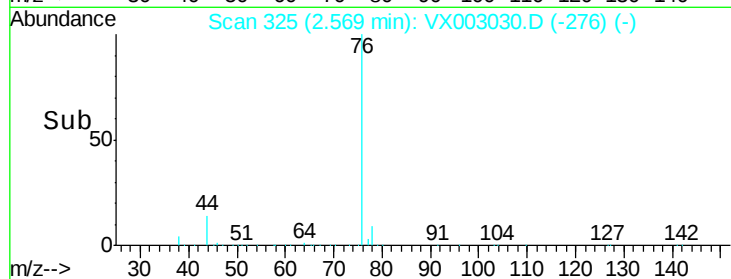
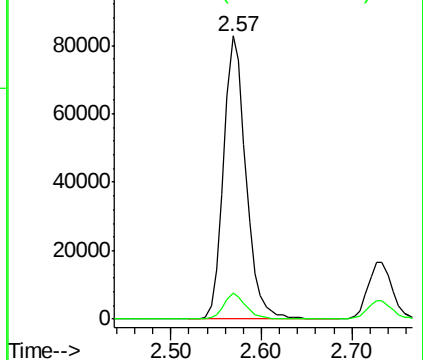
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003030.D

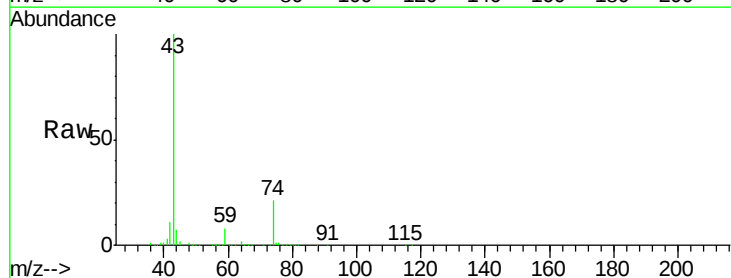
Acq: 29 Jun 2018 15:51

Tgt Ion: 43 Resp: 79727

Ion Ratio Lower Upper

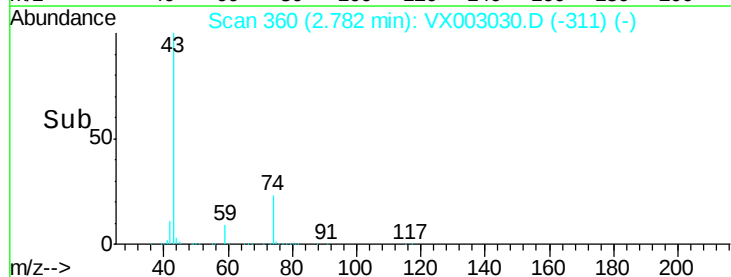
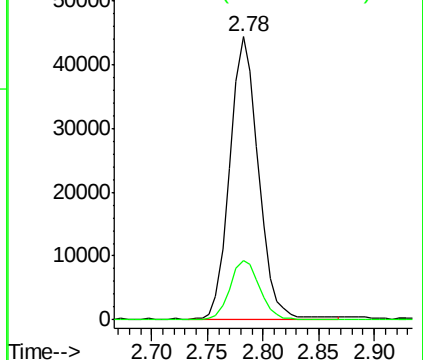
43 100

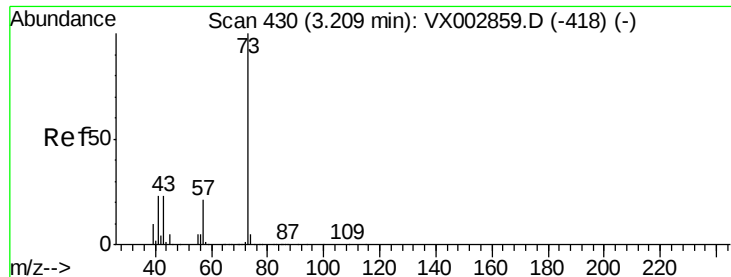
74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





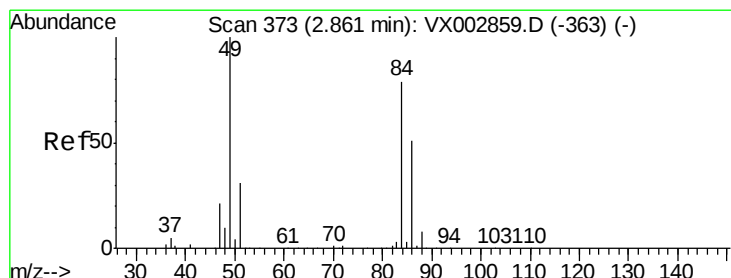
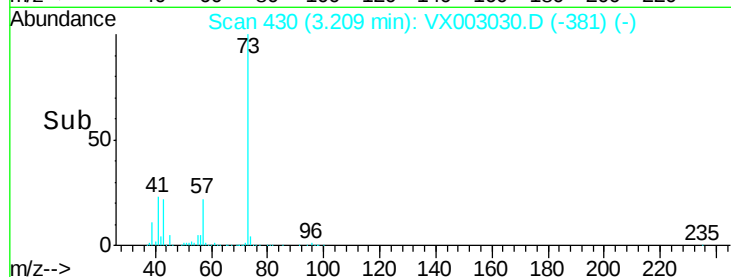
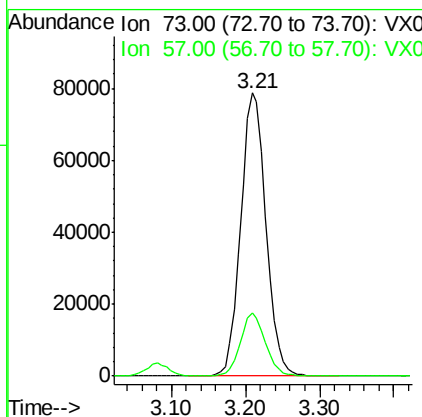
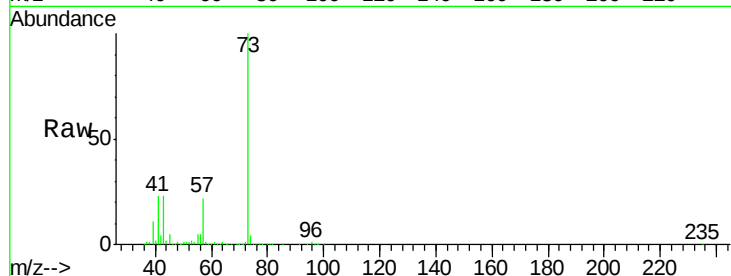
#19
Methvl tert-butvl Ether
Concen: 18.92 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion: 73 Resp: 187430
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

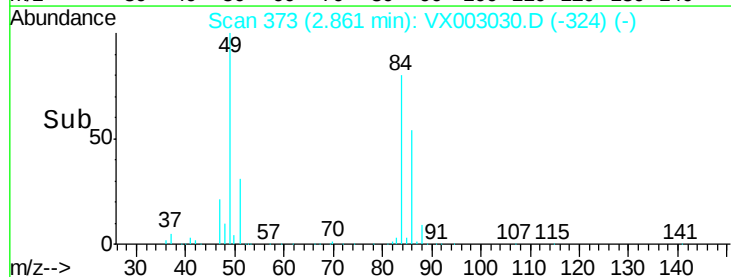
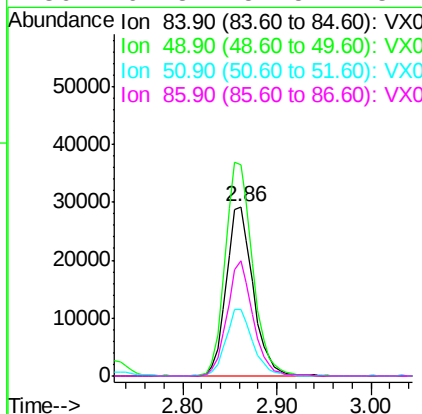
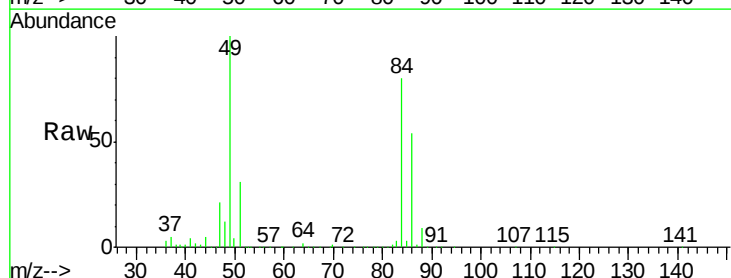
Manual Integrations
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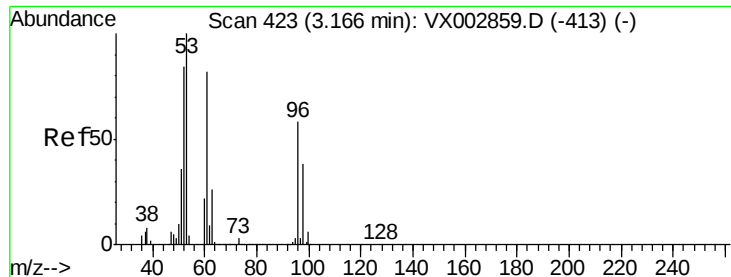
apatel
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#20
Methylene Chloride
Concen: 18.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 84 Resp: 58034
Ion Ratio Lower Upper
84 100
49 124.7 107.8 161.6
51 38.8 32.8 49.2
86 67.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

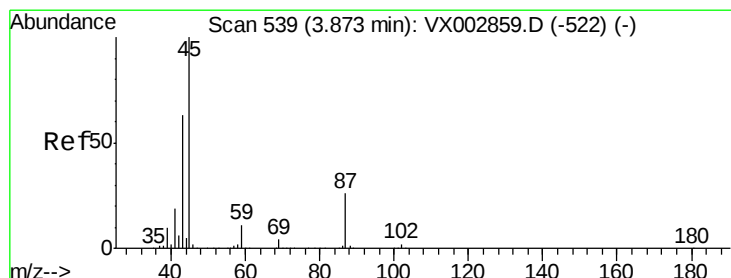
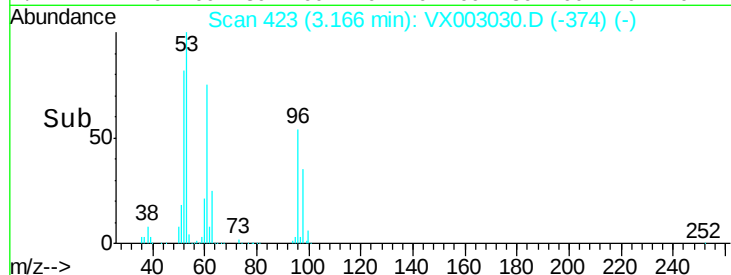
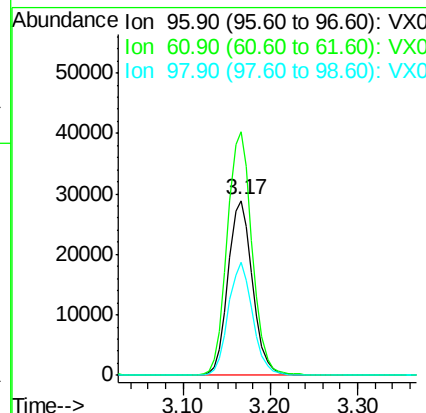
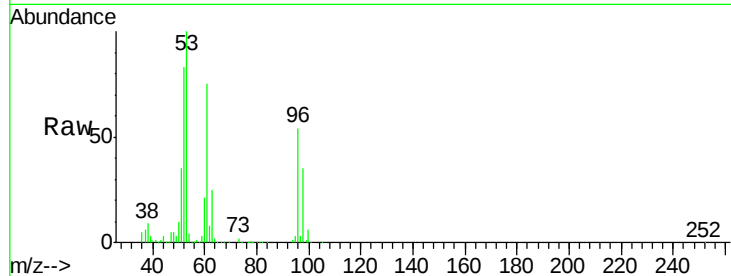
ClientSampled :

VX0629WBSD01

Tot Ion:	96	Resp:	56260
Ion	Ratio	Lower	Upper
96	100		
61	139.2	117.0	175.4
98	64.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.22 ug/l

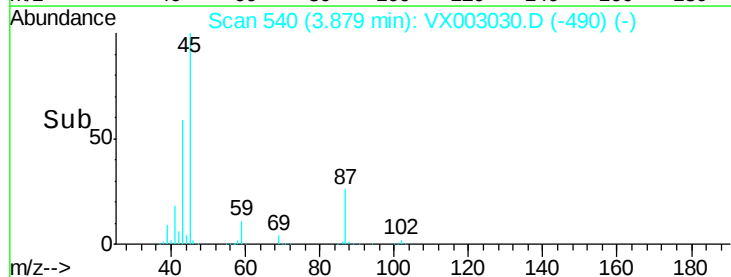
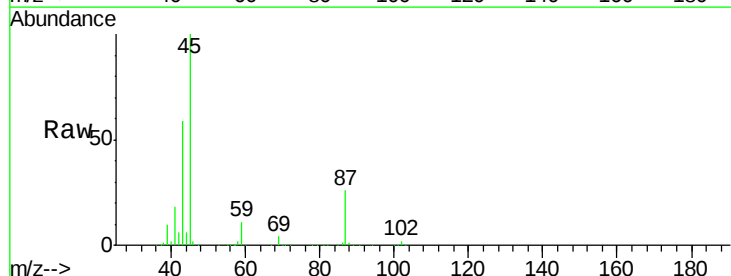
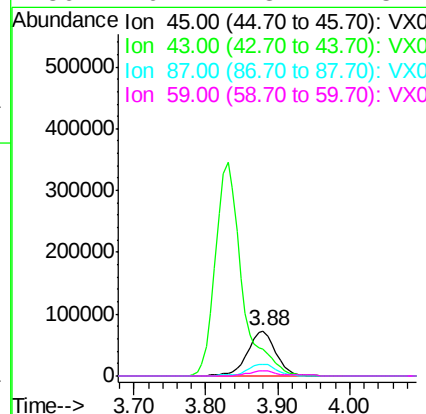
RT: 3.88 min Scan# 540

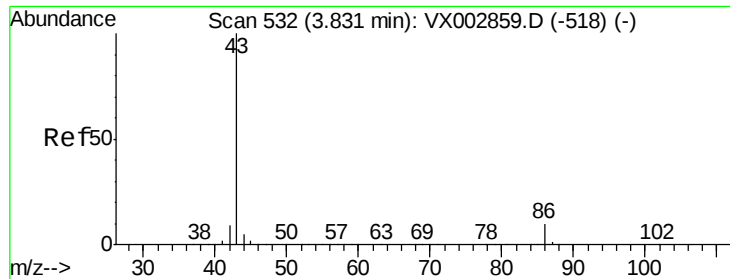
Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	45	Resp:	199575
Ion	Ratio	Lower	Upper
45	100		
43	59.1	46.8	70.2
87	25.7	20.2	30.4
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 100.65 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion: 43 Resp: 884877

Ion Ratio Lower Upper

43 100

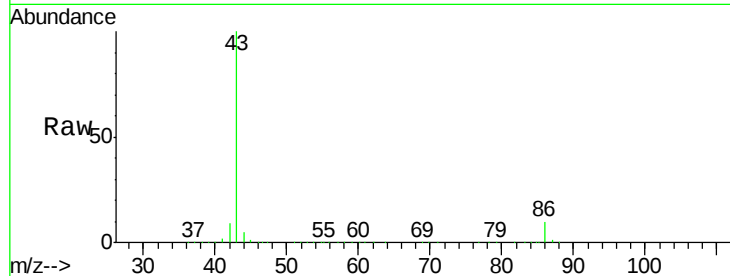
86 9.6 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

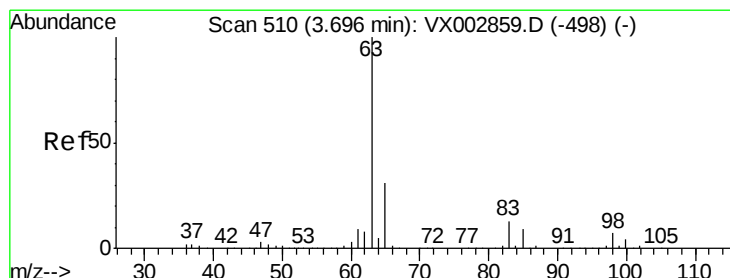
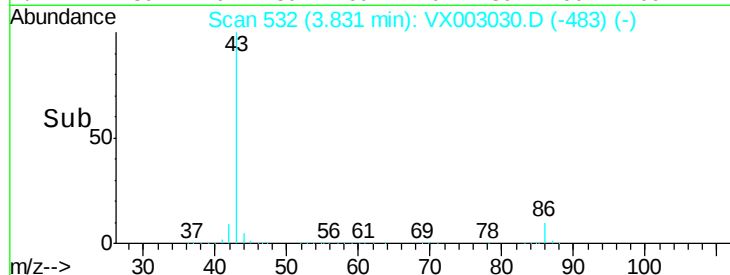
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.95 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

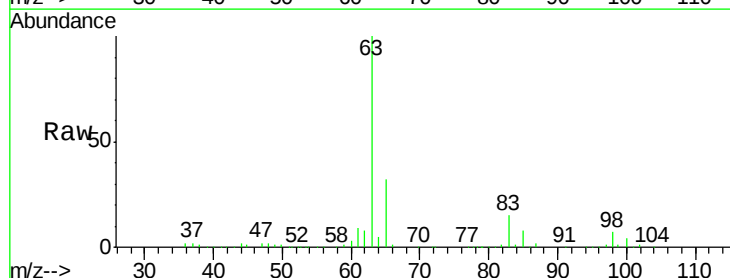
Tgt Ion: 63 Resp: 106924

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

60000

50000

40000

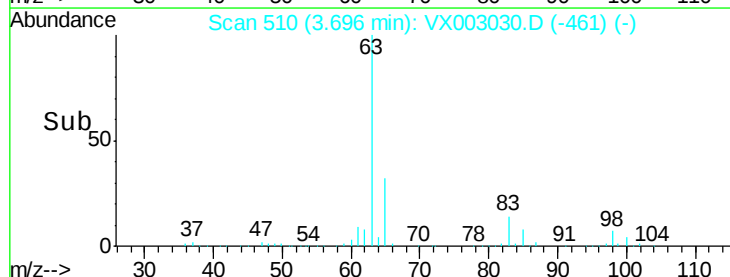
30000

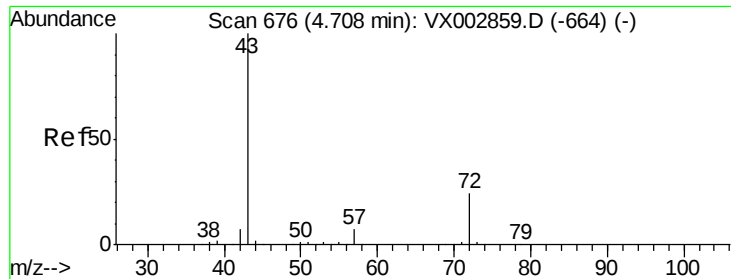
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 43 Resp: 250452

Ion Ratio Lower Upper

43 100

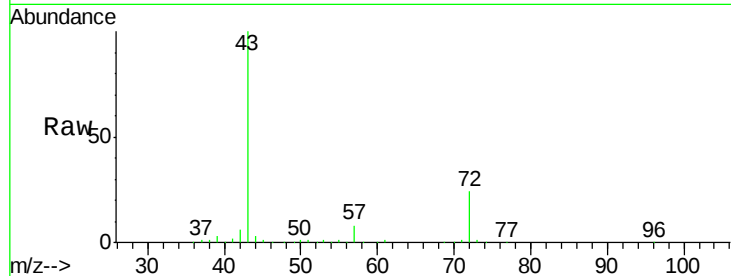
72 24.3 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

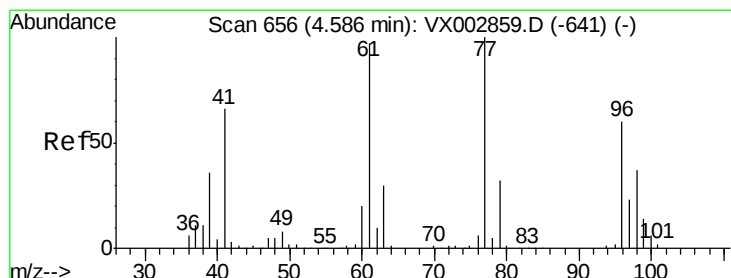
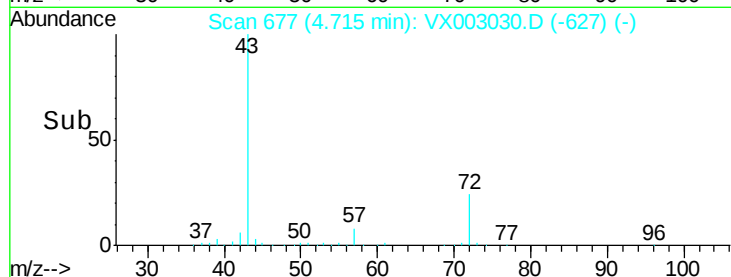
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003030.D

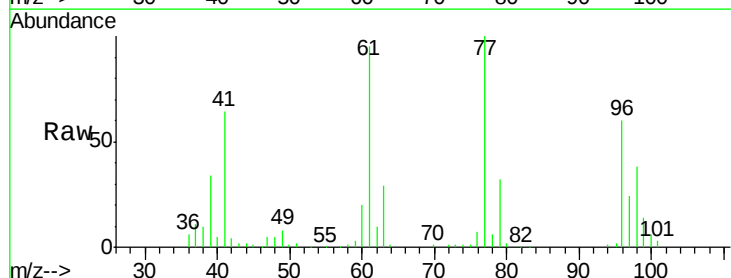
Acq: 29 Jun 2018 15:51

Tgt Ion: 77 Resp: 85786

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

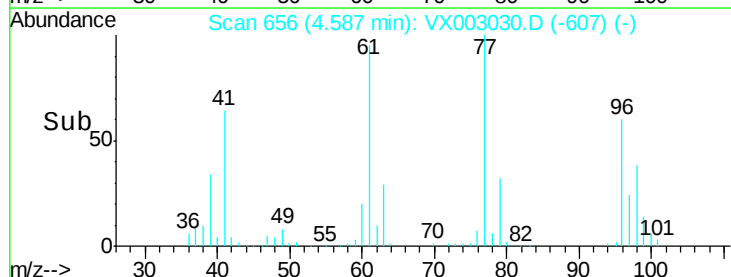
10000

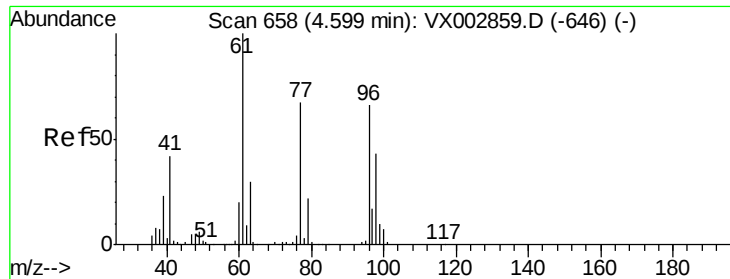
5000

0

4.50 4.60 4.70

Time-->





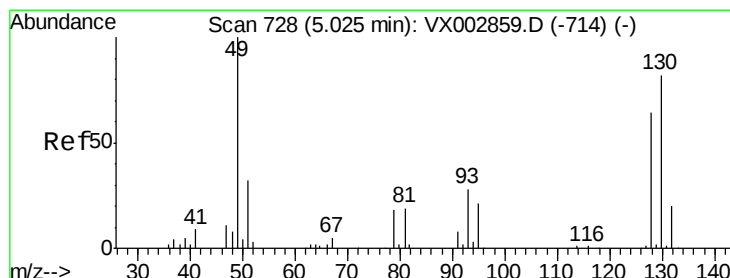
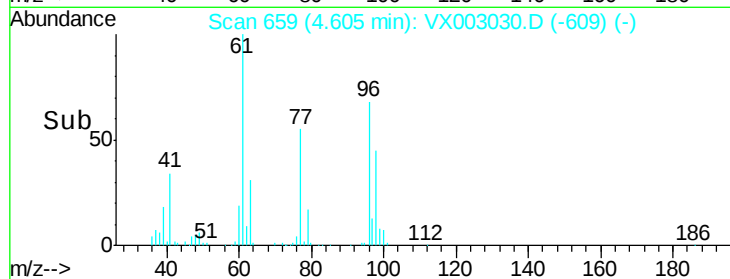
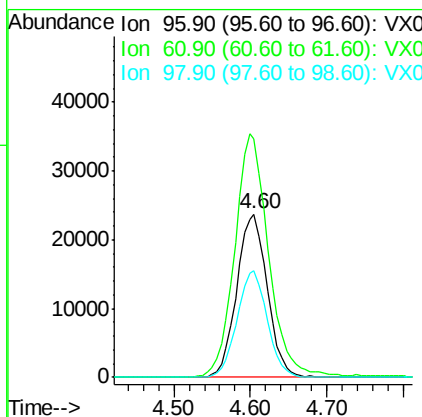
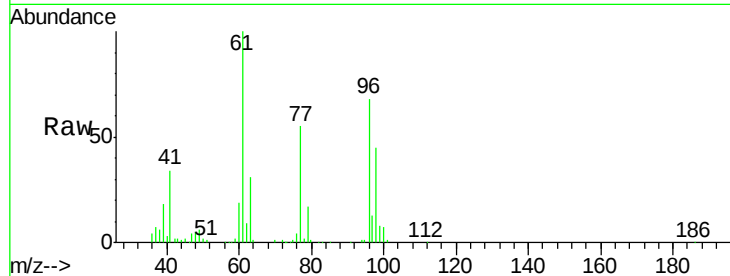
#27
 cis-1,2-Dichloroethene
 Concen: 19.52 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	166.2	0.0	330.2	
98	64.7	0.0	130.2	

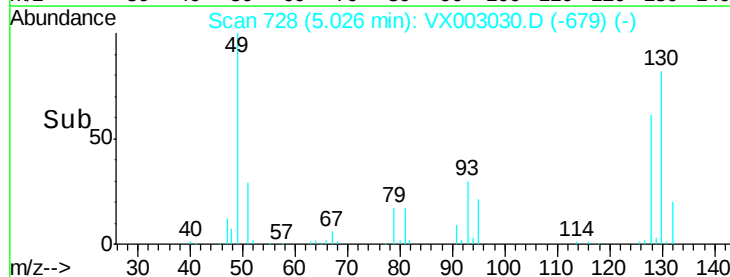
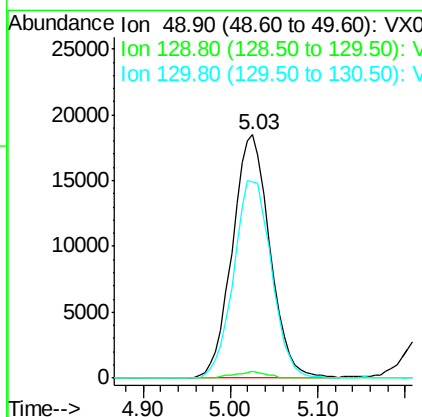
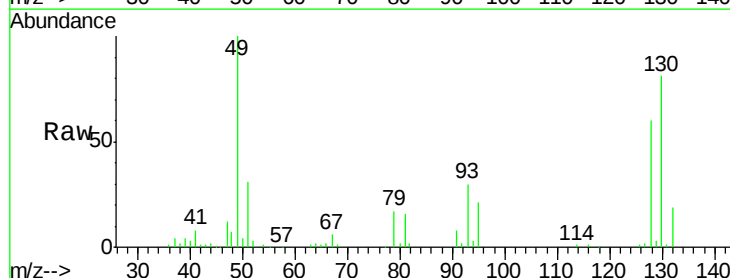
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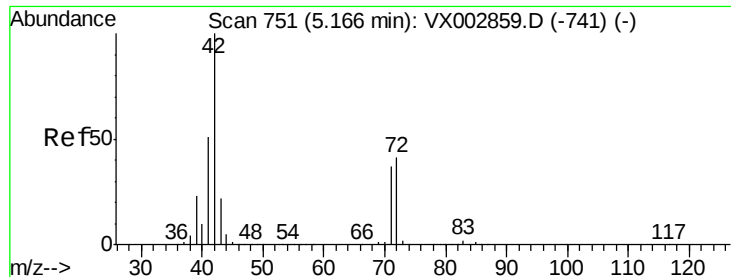
apatel
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#28
 Bromochloromethane
 Concen: 20.46 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.2	
130	81.8	61.2	91.8	





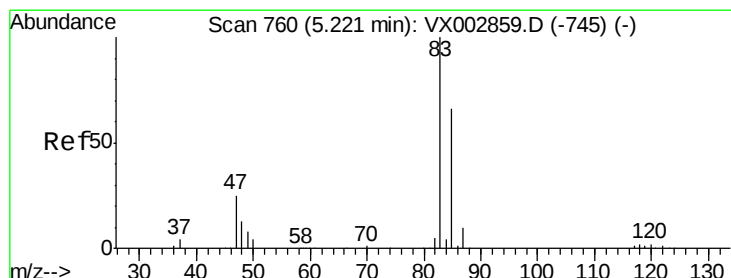
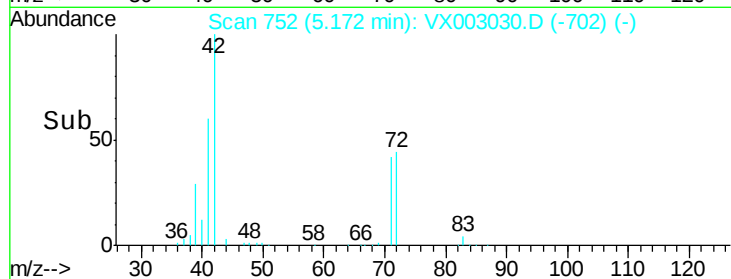
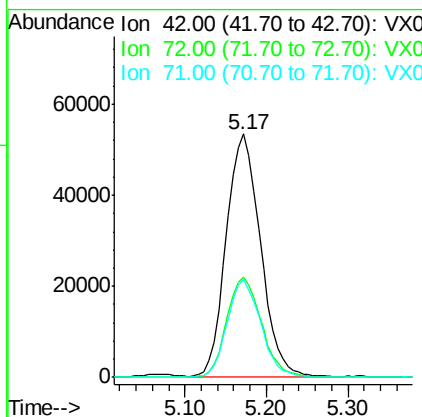
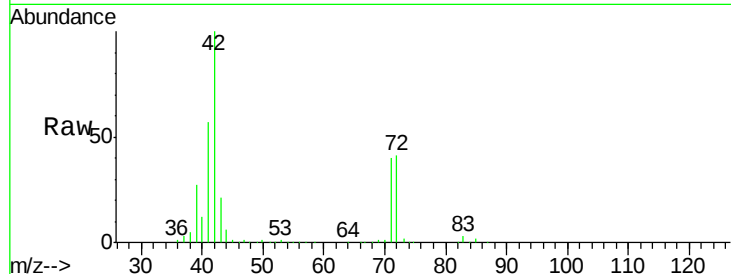
#29
Tetrahydrofuran
Concen: 101.88 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.5	30.1	45.1

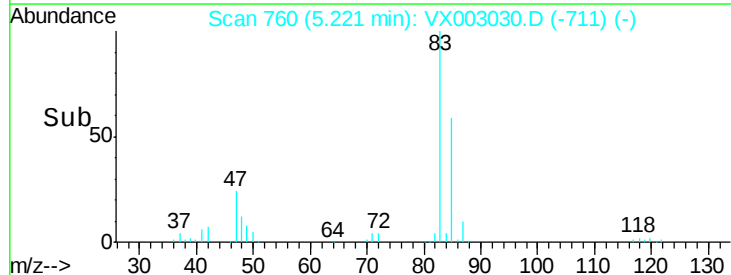
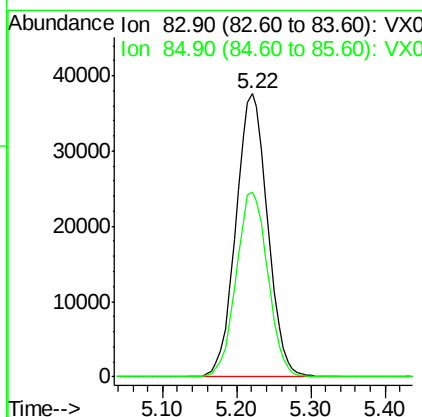
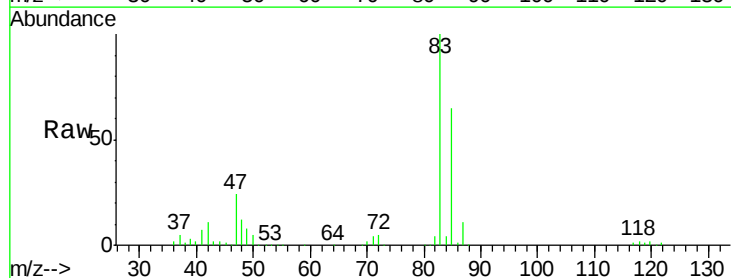
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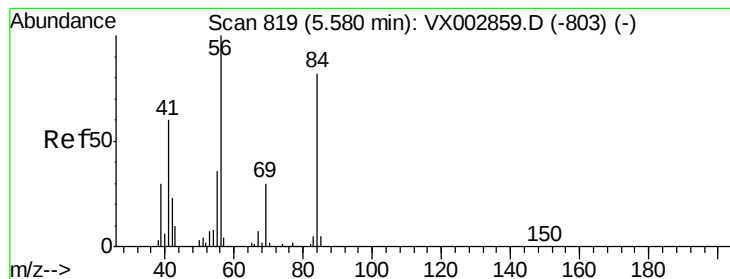
apatel
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#30
Chloroform
Concen: 19.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.4	75.6





#31

Cyclohexane

Concen: 19.13 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

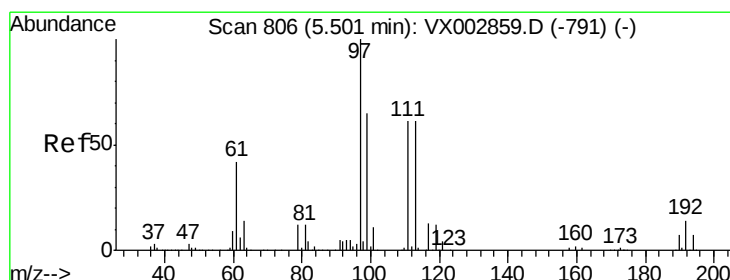
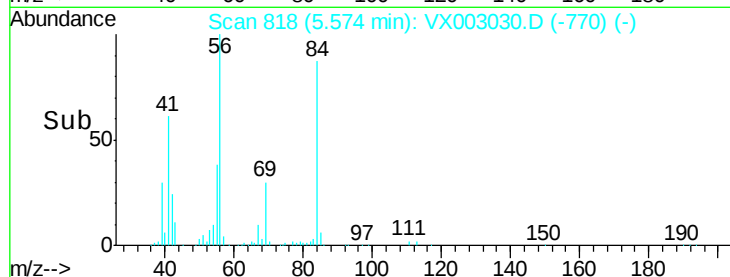
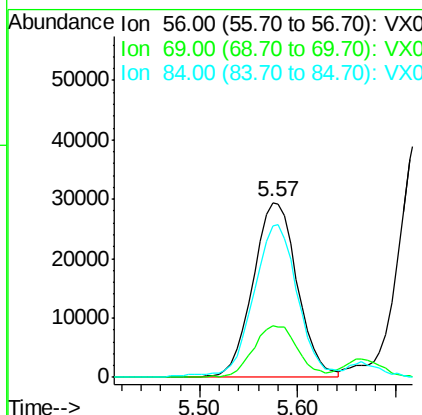
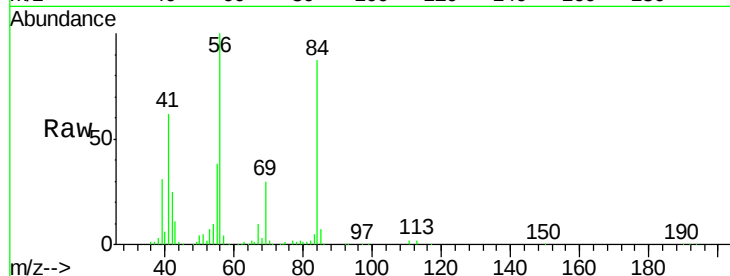
ClientSampleId :

VX0629WBSD01

Tot Ion:	56	Resp:	92658
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	85.2	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 19.33 ug/l

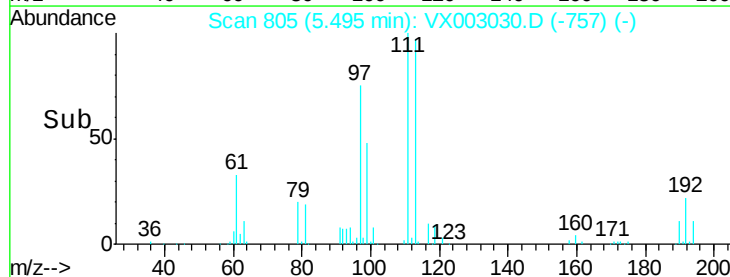
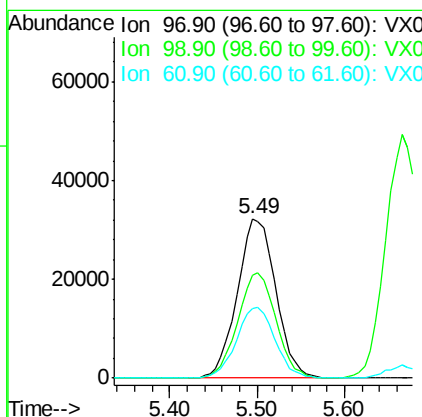
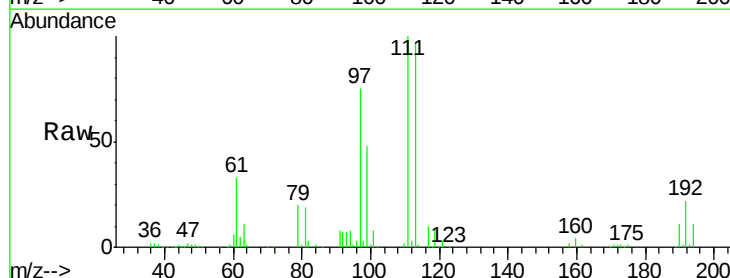
RT: 5.49 min Scan# 805

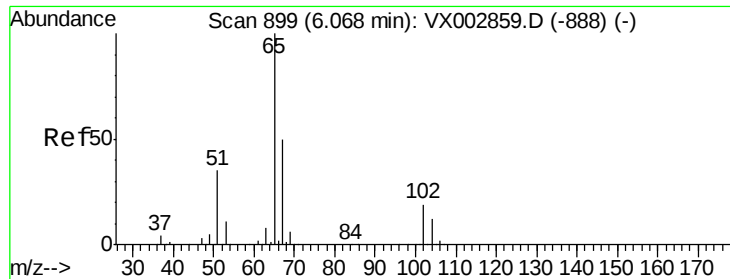
Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	97	Resp:	98479
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	44.8	36.4	54.6





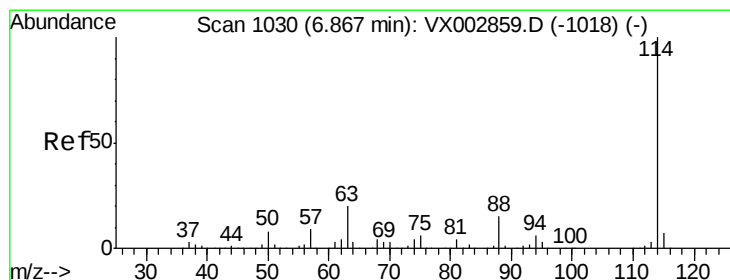
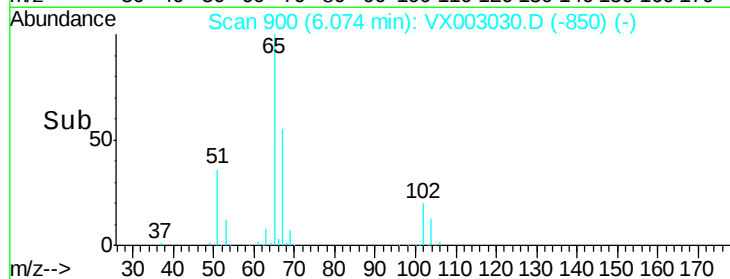
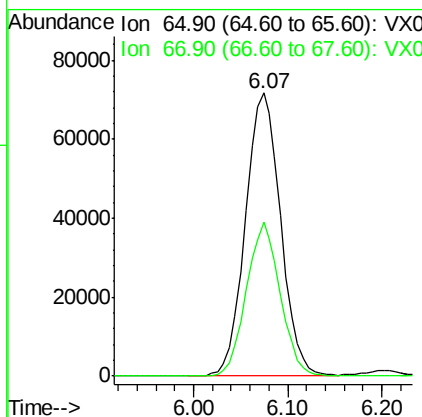
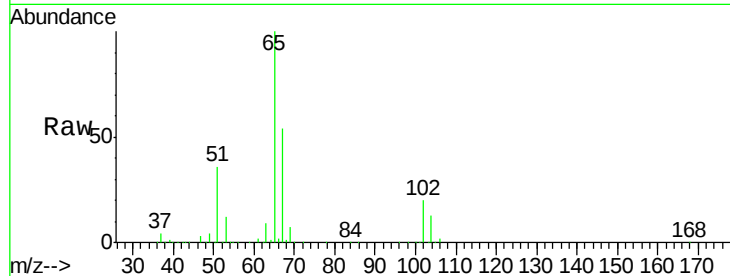
#33
 1,2-Dichloroethane-d4
 Concen: 48.71 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188120		
67	52.3	0.0	102.6	

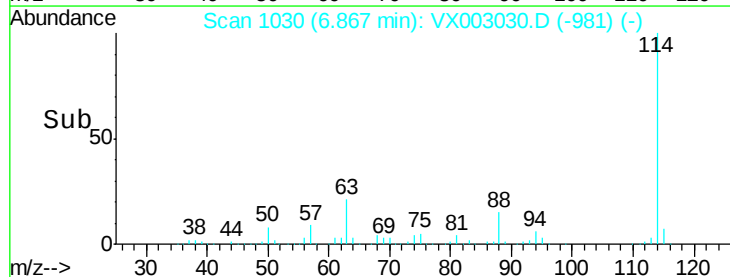
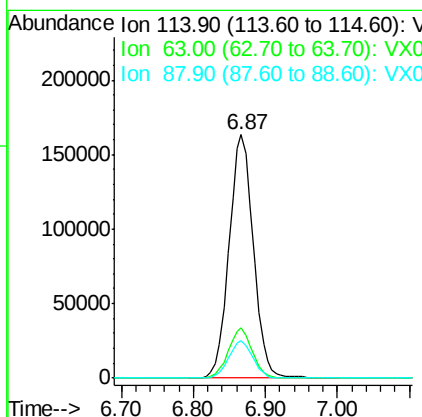
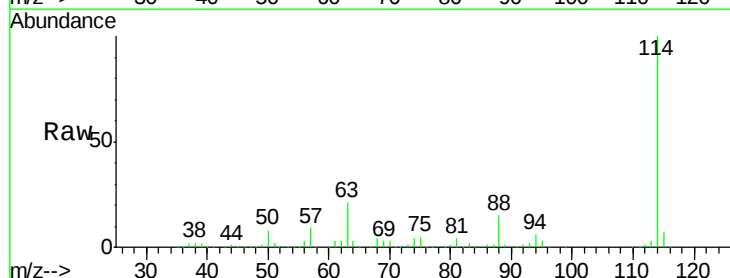
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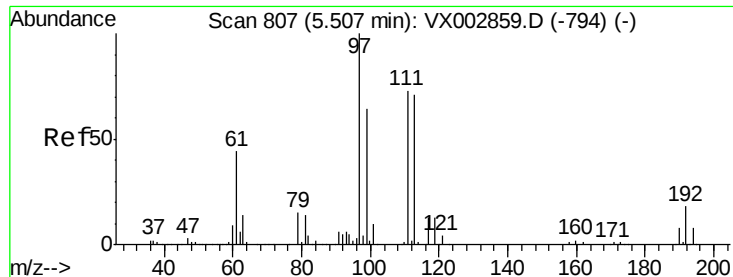
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	384208		
63	20.5	0.0	41.4	
88	15.2	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.84 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

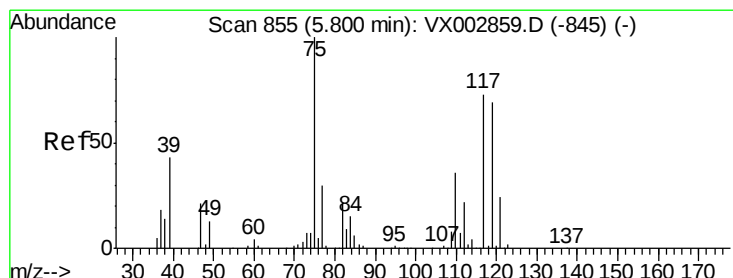
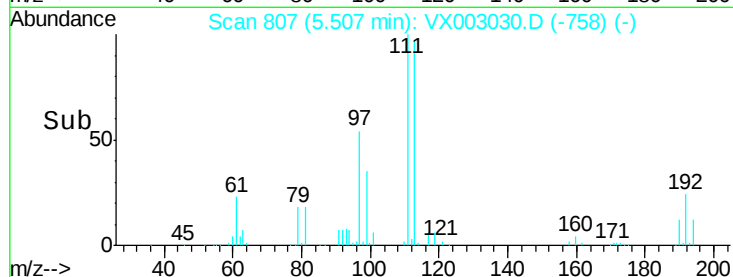
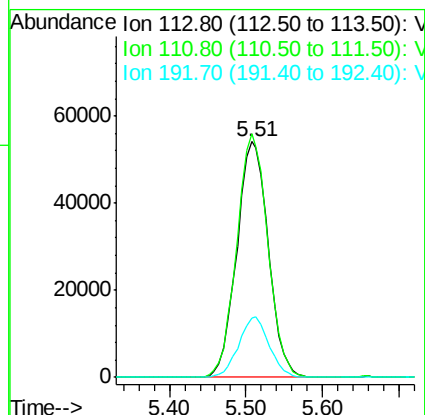
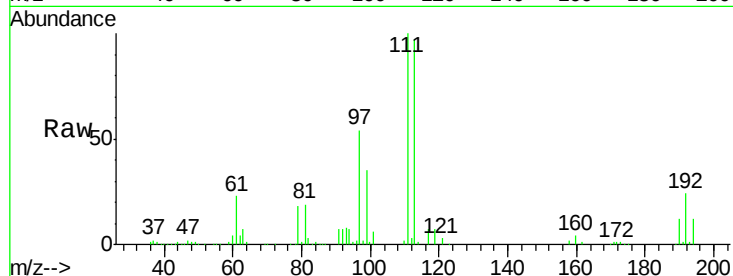
ClientSampled :

VX0629WBSD01

Tot Ion:	113	Resp:	154679
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	24.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.98 ug/l

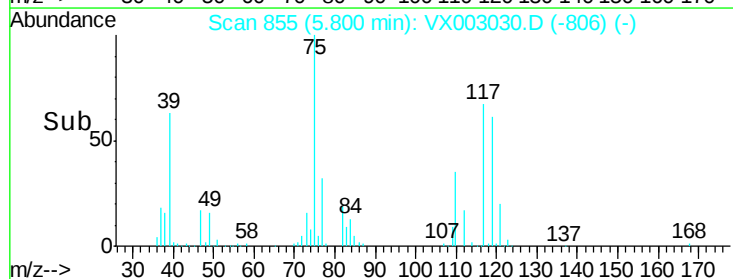
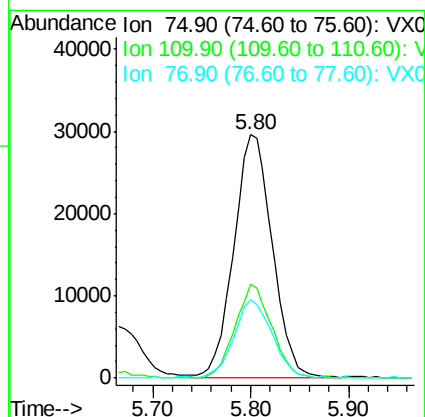
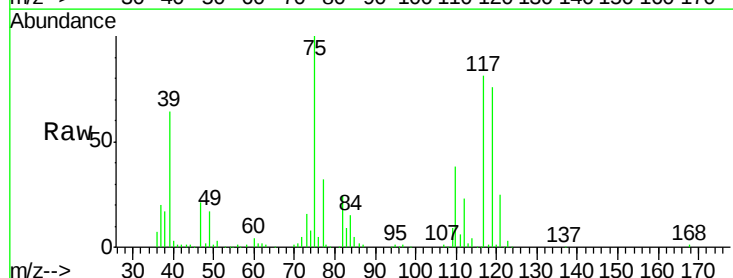
RT: 5.80 min Scan# 855

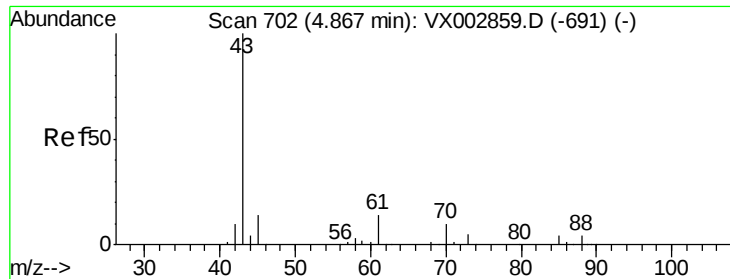
Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	75	Resp:	79970
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	32.7	24.3	36.5





#37

Ethyl Acetate

Concen: 20.80 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

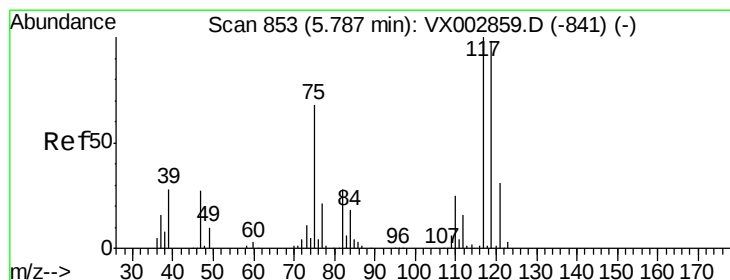
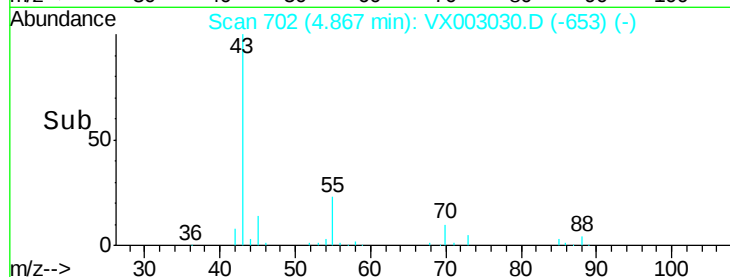
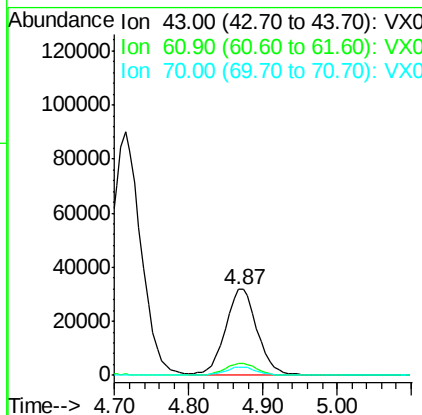
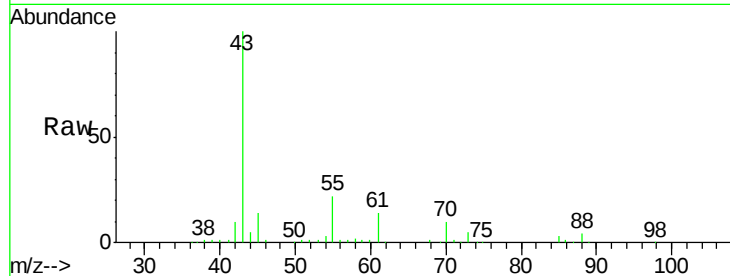
ClientSampleId :

VX0629WBSD01

Tot Ion:	43	Resp:	94359
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.0	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 19.36 ug/l

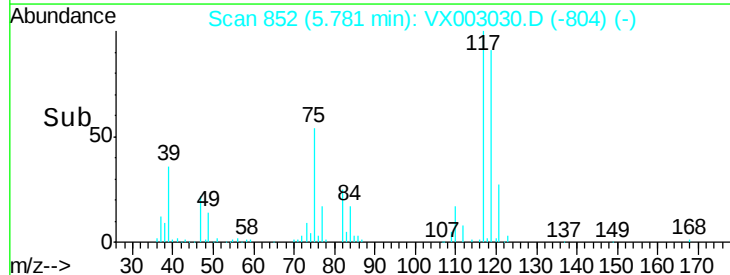
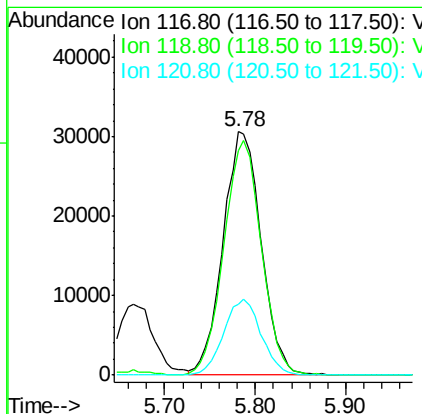
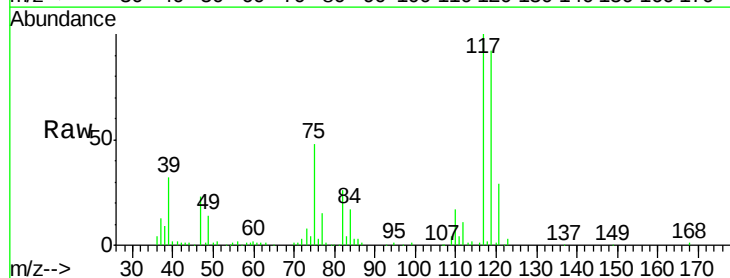
RT: 5.78 min Scan# 852

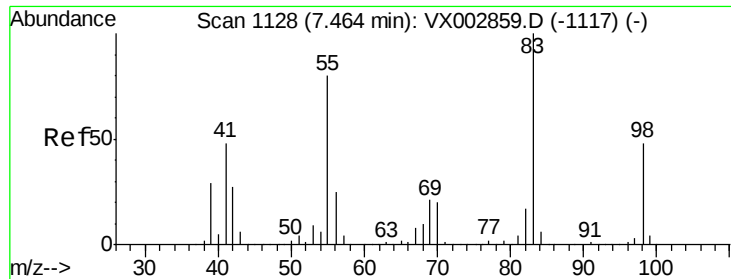
Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	117	Resp:	89504
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.4	116.0
121	28.9	24.4	36.6





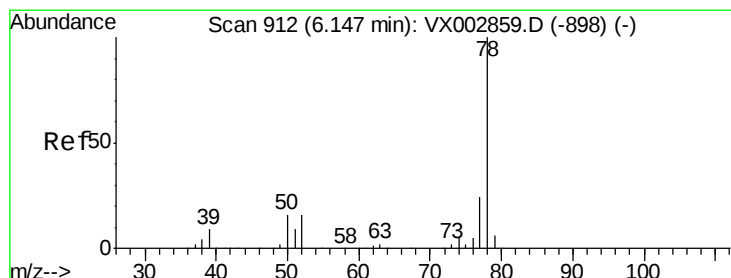
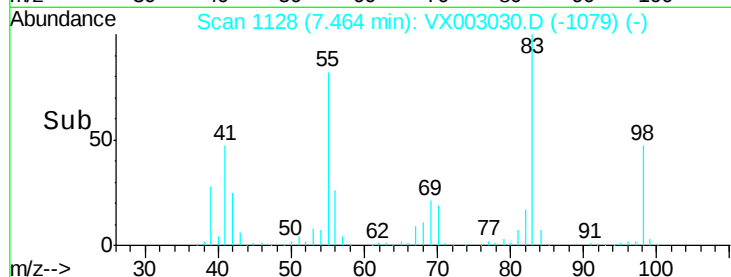
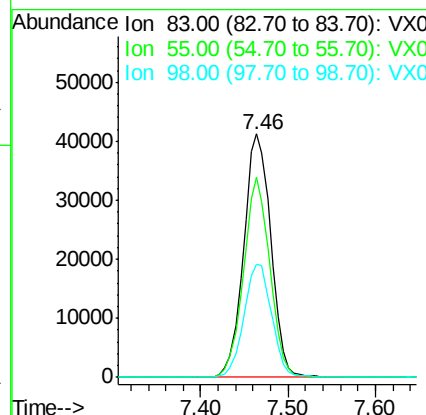
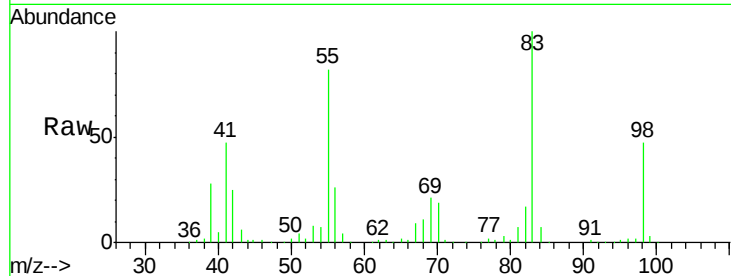
#39
Methvlcvclohexane
Concen: 18.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	65.4	98.0
98	46.6	37.4	56.0

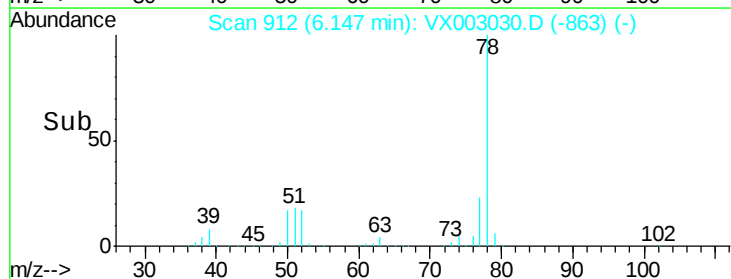
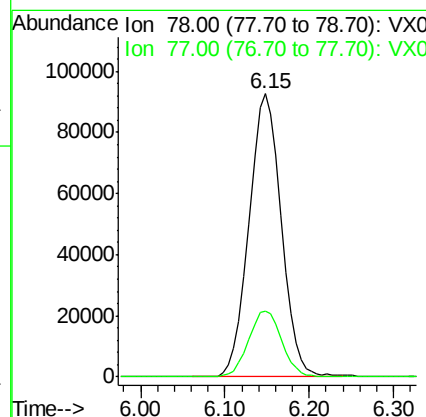
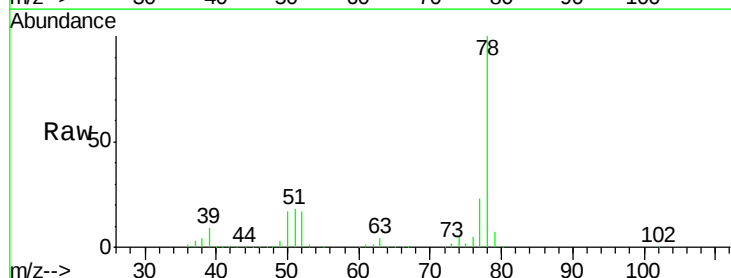
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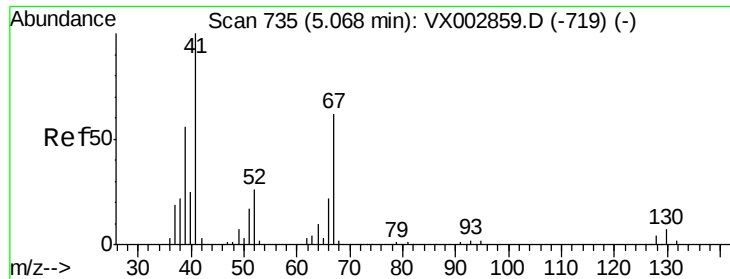
apatel
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#40
Benzene
Concen: 19.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





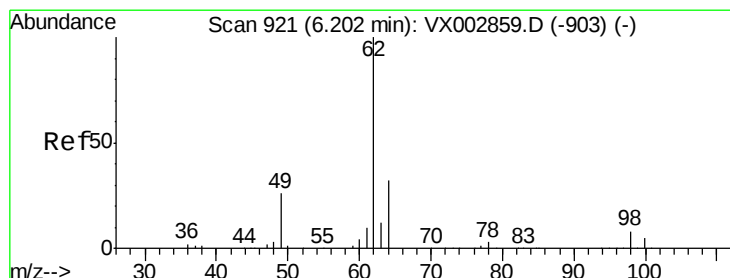
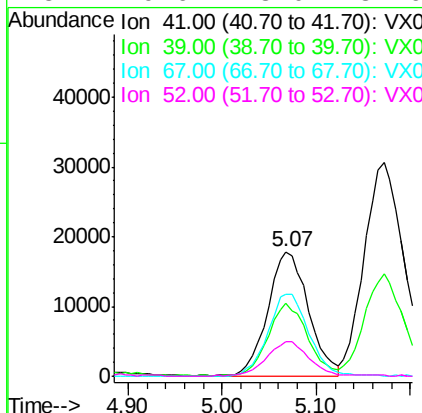
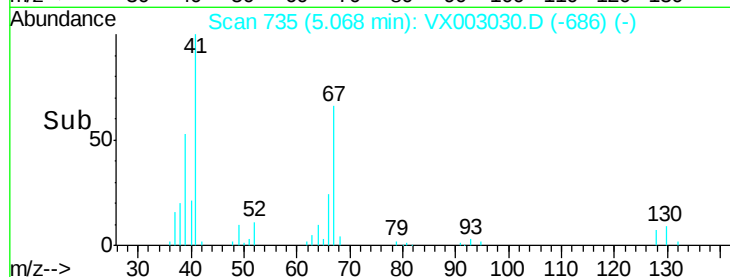
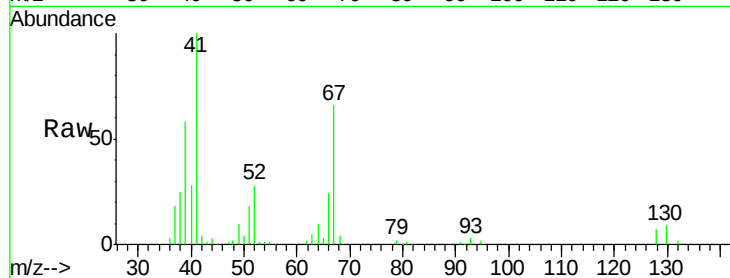
#41
Methacrylonitrile
Concen: 20.37 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.8	68.6	
67	66.7	51.3	76.9	
52	29.6	23.0	34.6	

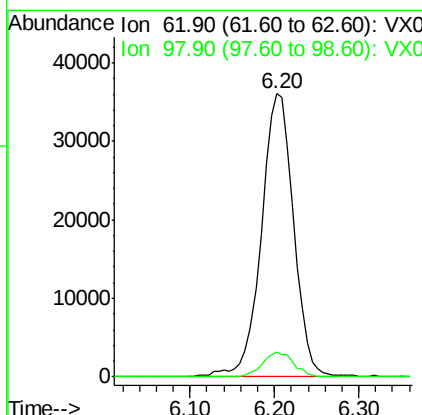
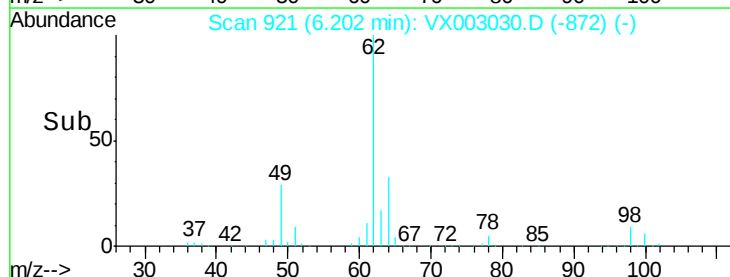
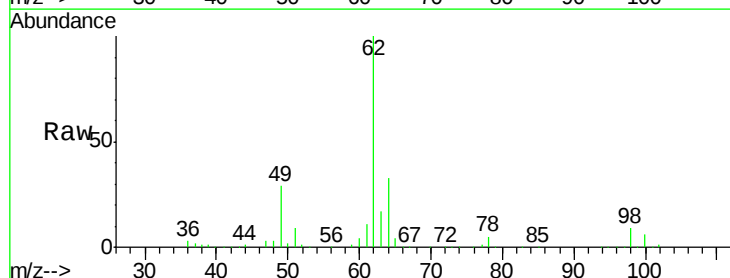
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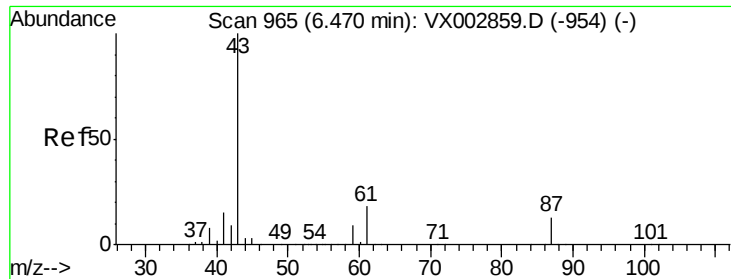
apatel
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#42
1,2-Dichloroethane
Concen: 19.28 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





#43

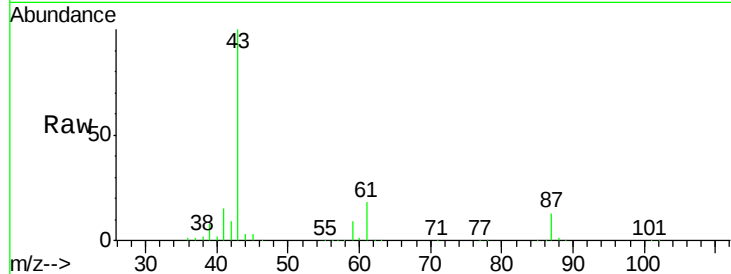
Isopropyl Acetate
 Concen: 19.25 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

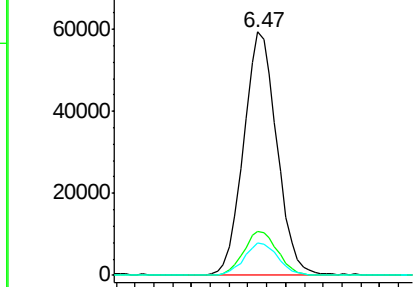
Tot Ion	43	Resp	146479
Ion Ratio	Lower	Upper	
43	100		
61	18.7	14.4	21.6
87	13.4	9.5	14.3

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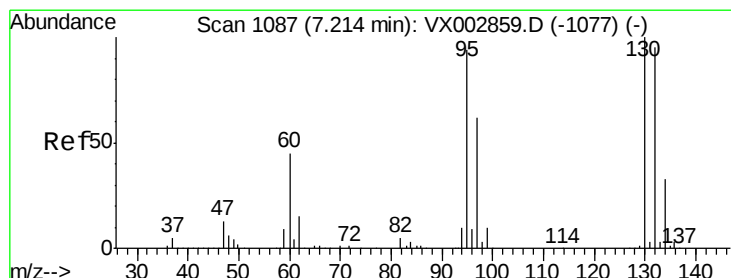
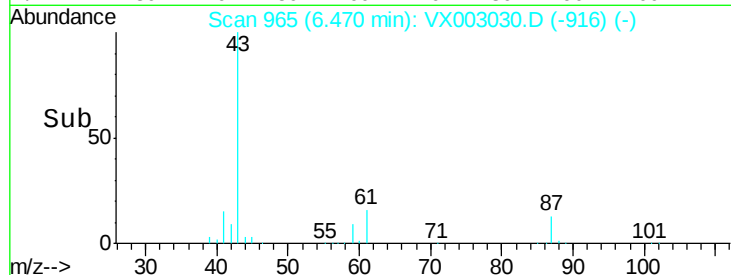
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Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



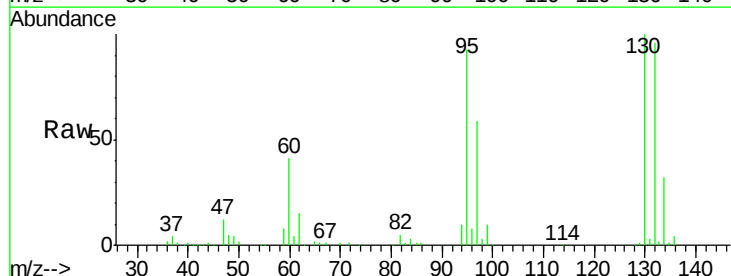
Time-->



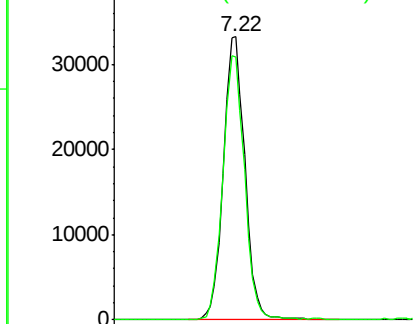
#44

Trichloroethene
 Concen: 19.54 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

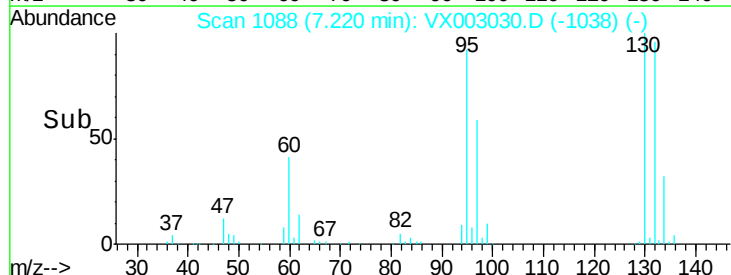
Tgt Ion	130	Resp	71303
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	185.4



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



Time-->





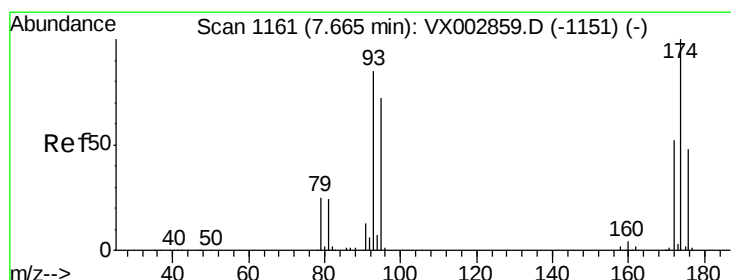
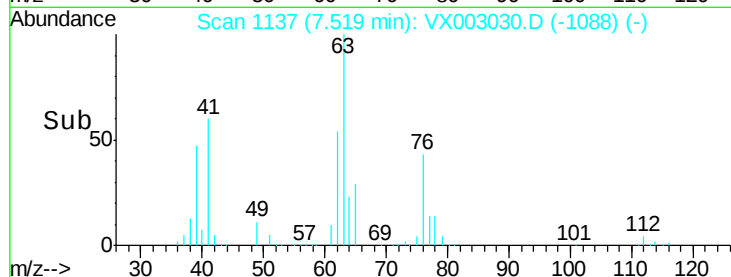
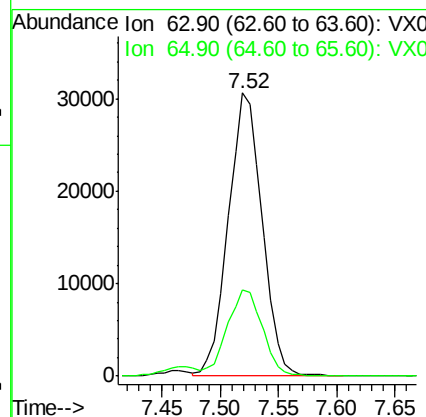
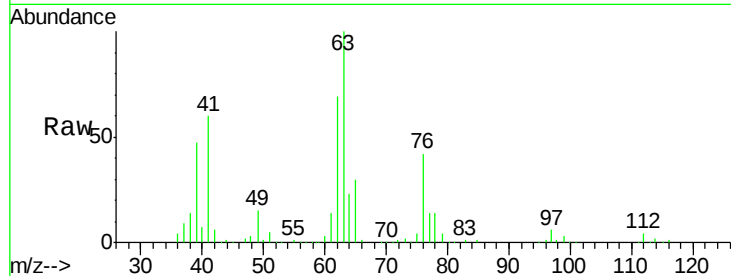
#45
 1,2-Dichloropropane
 Concen: 19.07 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBSD01

Tot Ion: 63 Resp: 61935
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

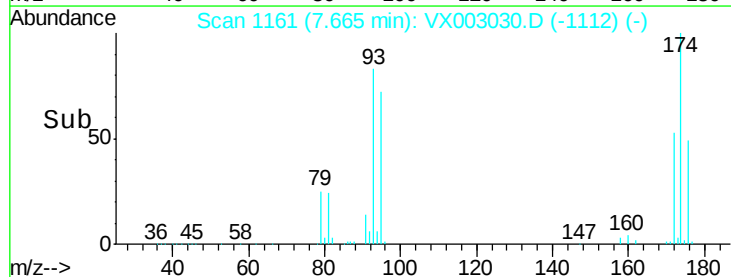
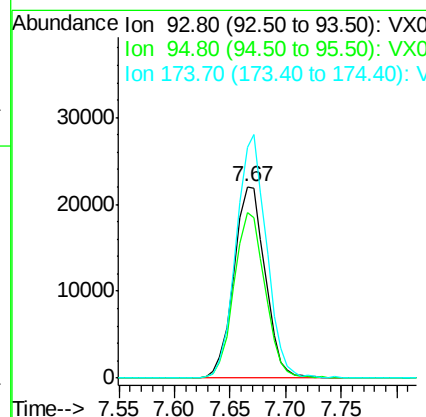
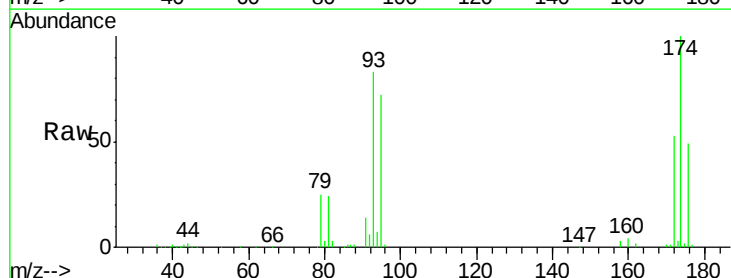
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#46
 Dibromomethane
 Concen: 19.12 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 93 Resp: 43090
 Ion Ratio Lower Upper
 93 100
 95 85.7 65.9 98.9
 174 122.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

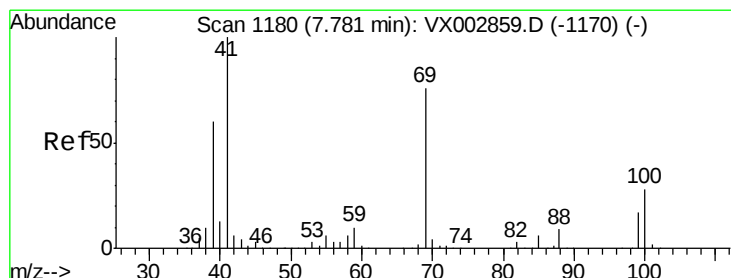
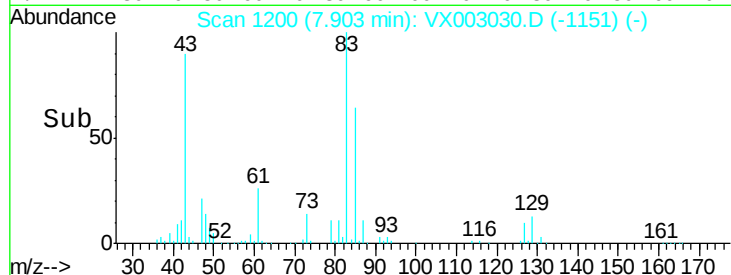
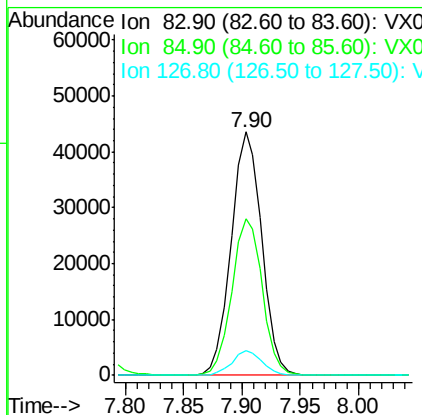
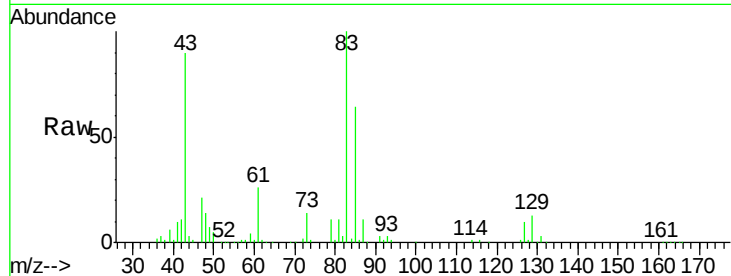
ClientSampleId :

VX0629WBSD01

Tot Ion:	83	Resp:	79618
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5
127	10.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.27 ug/l

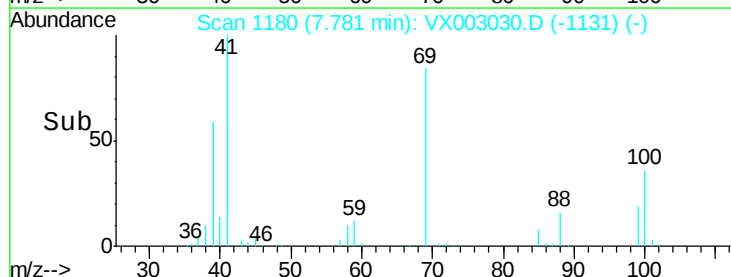
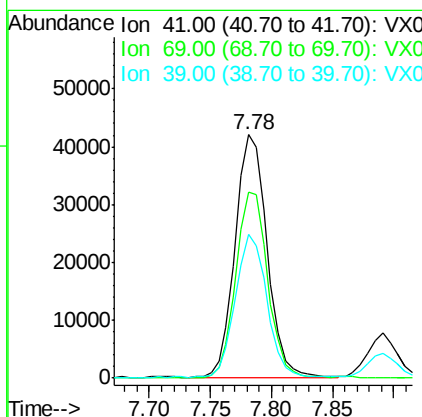
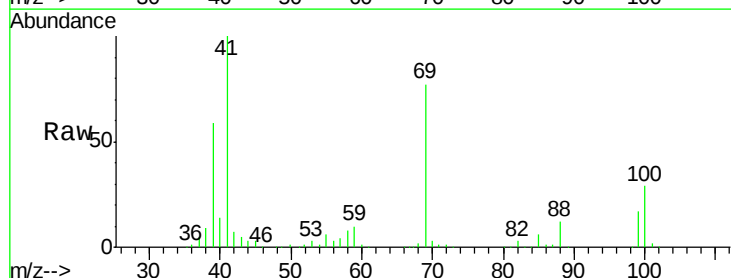
RT: 7.78 min Scan# 1180

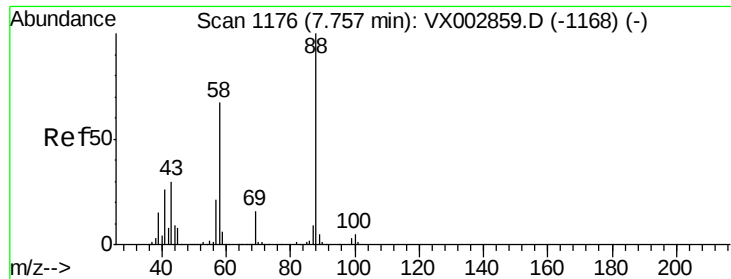
Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	41	Resp:	75558
Ion	Ratio	Lower	Upper
41	100		
69	77.7	59.1	88.7
39	58.5	48.9	73.3





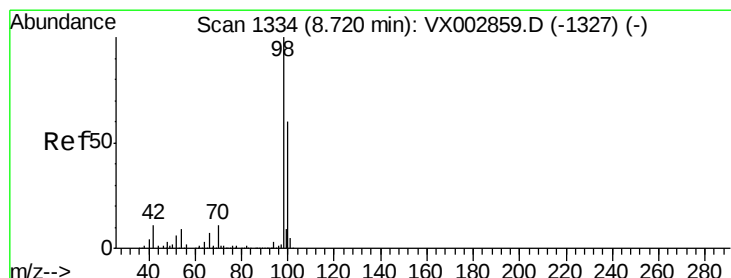
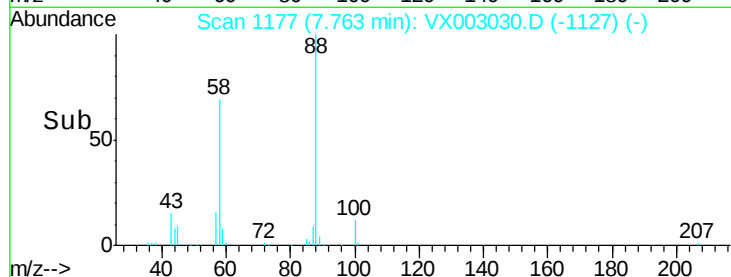
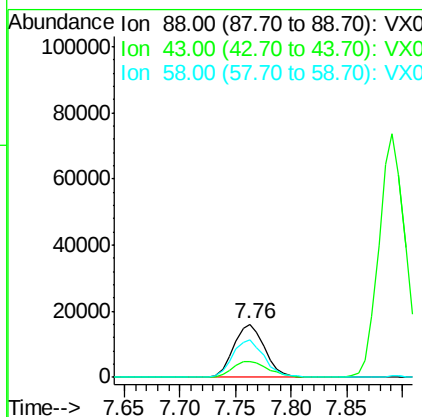
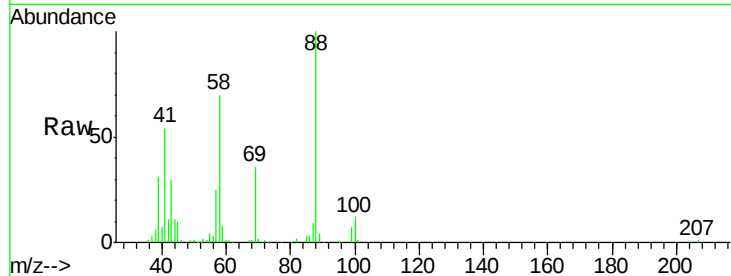
#49
 1,4-Dioxane
 Concen: 410.10 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.8	44.6
58	70.9	57.1	85.7

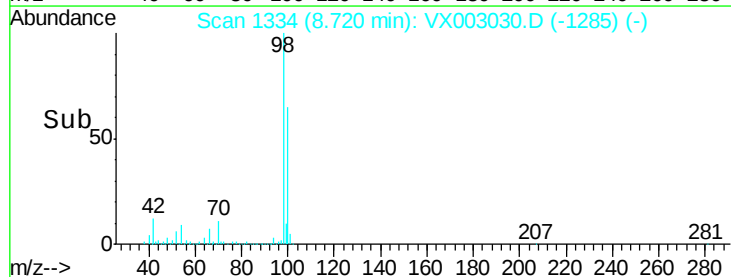
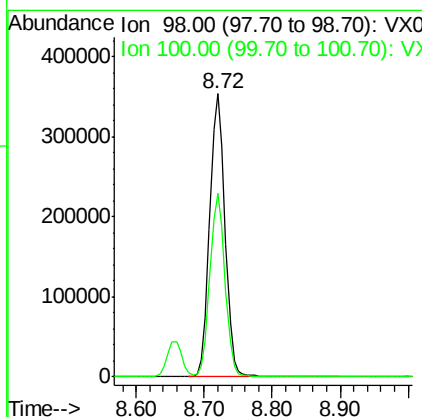
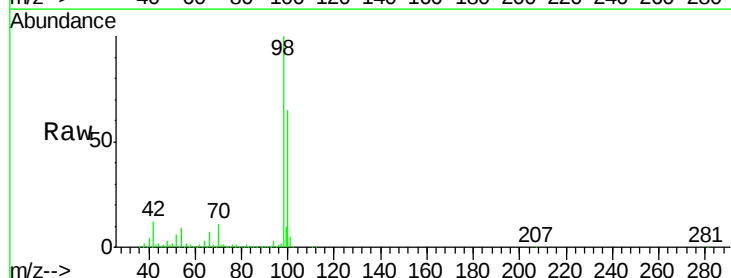
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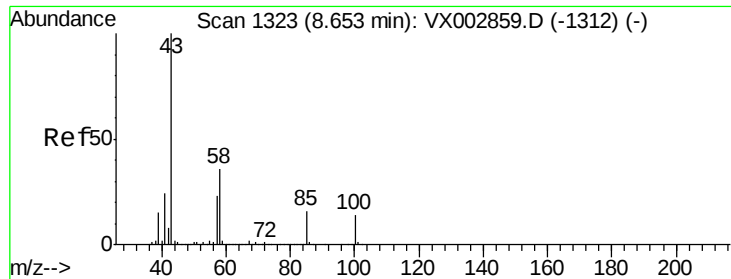
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#50
 Toluene-d8
 Concen: 49.65 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 101.72 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion: 43 Resp: 484217

Ion Ratio Lower Upper

43 100

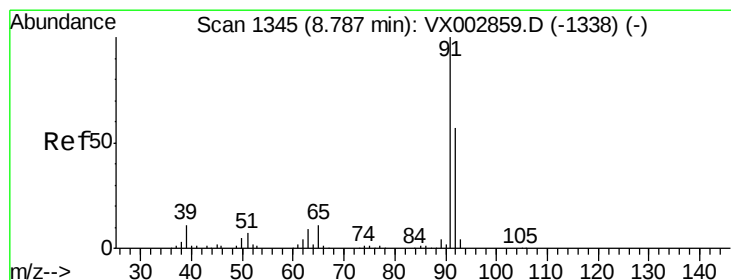
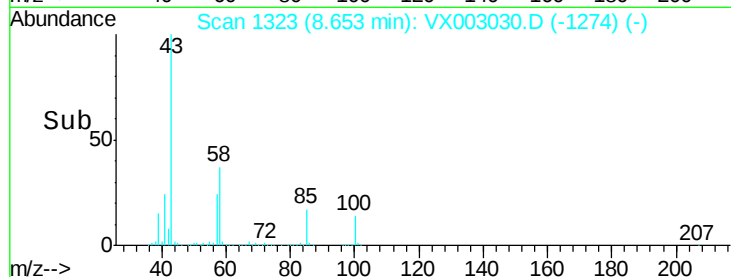
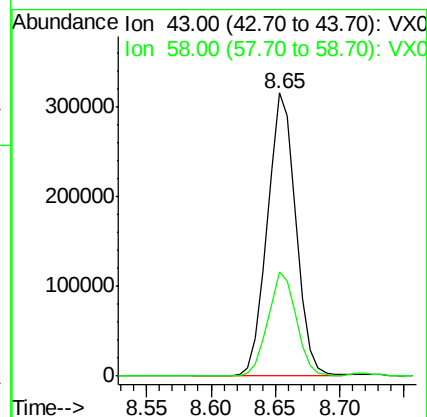
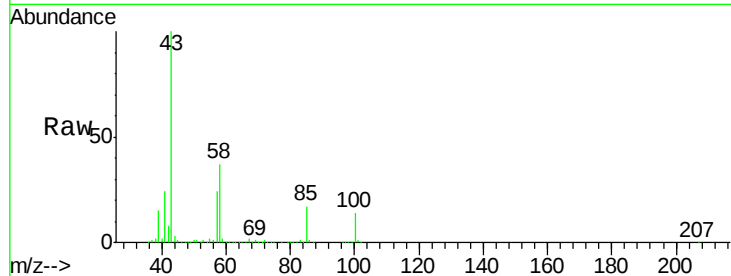
58 36.6 28.6 42.8

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#52

Toluene

Concen: 19.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003030.D

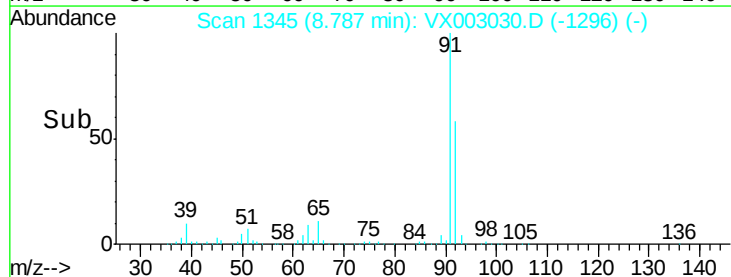
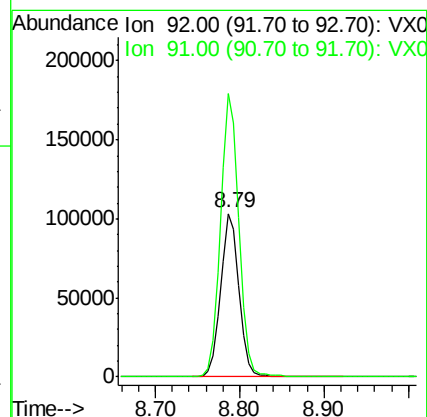
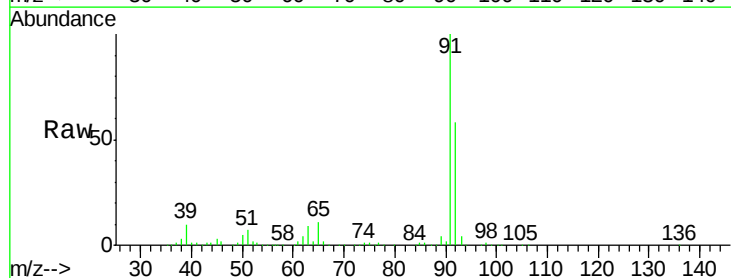
Acq: 29 Jun 2018 15:51

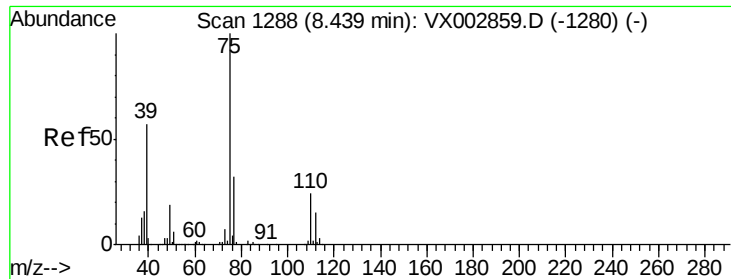
Tgt Ion: 92 Resp: 155923

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.61 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion: 75 Resp: 92549

Ion Ratio Lower Upper

75 100

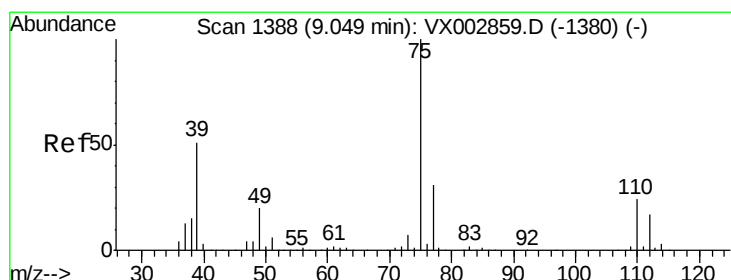
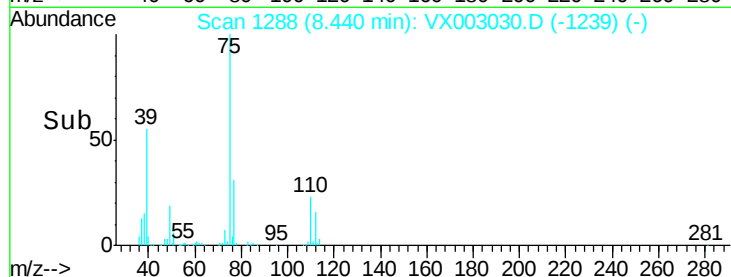
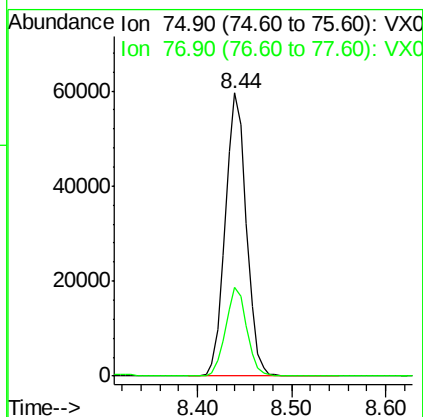
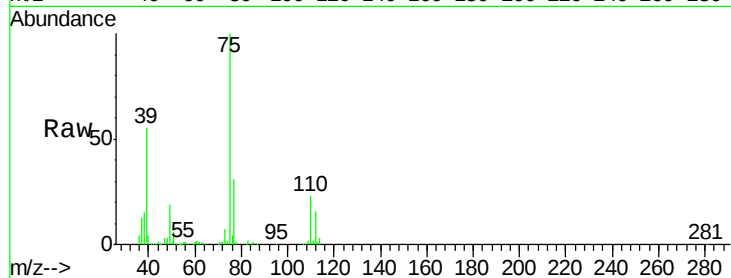
77 31.4 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 18.40 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

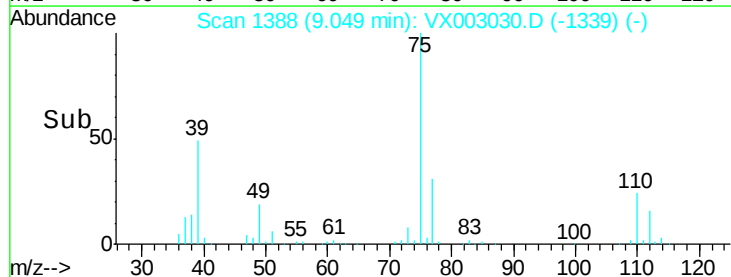
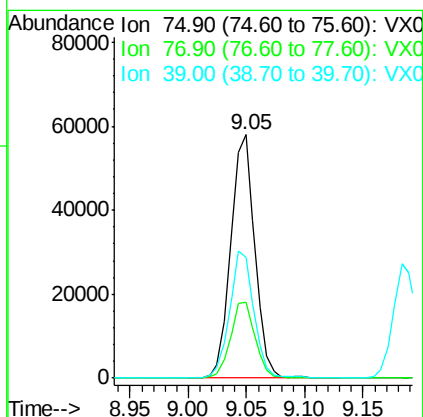
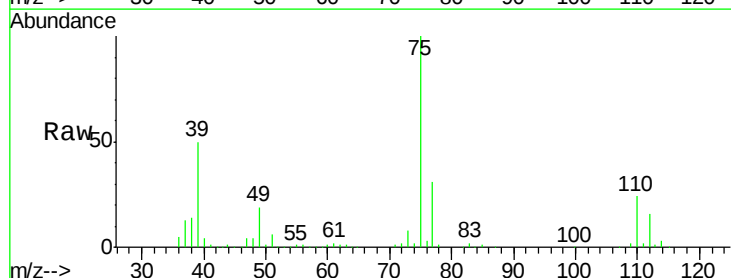
Tgt Ion: 75 Resp: 83557

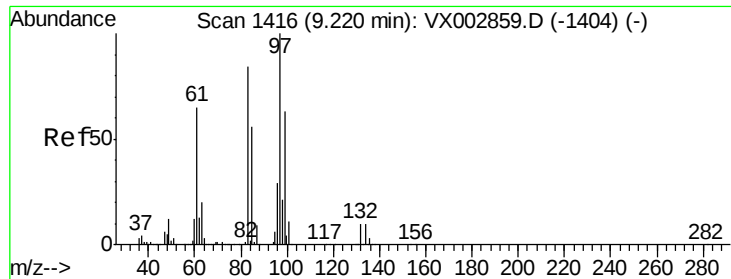
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 49.2 42.4 63.6





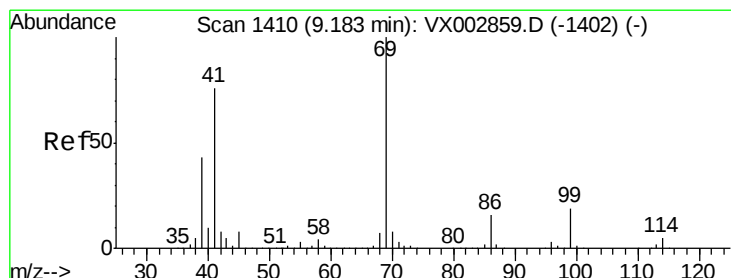
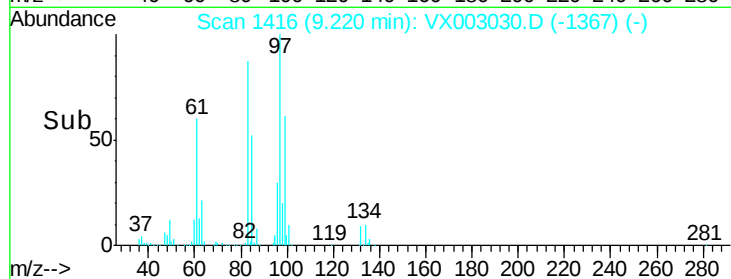
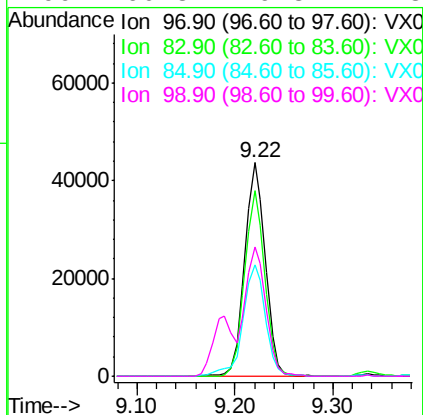
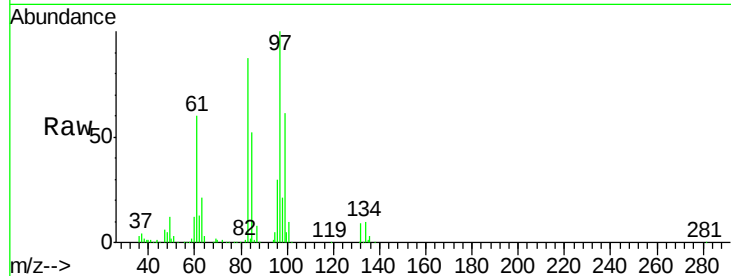
#55
 1,1,2-Trichloroethane
 Concen: 19.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	52.2	44.9	67.3
99	60.8	49.8	74.8

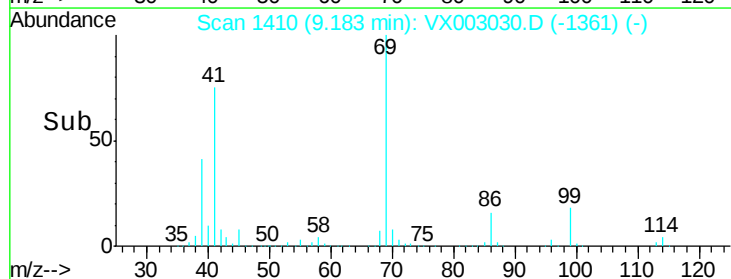
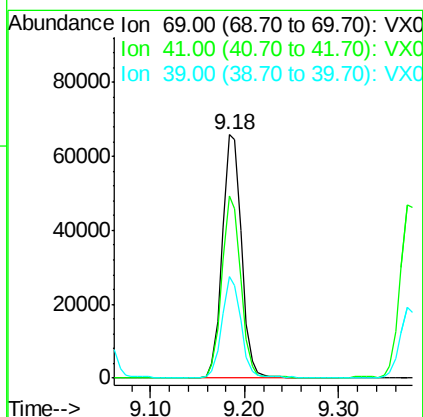
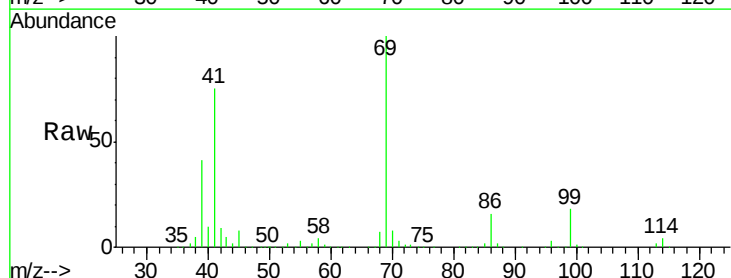
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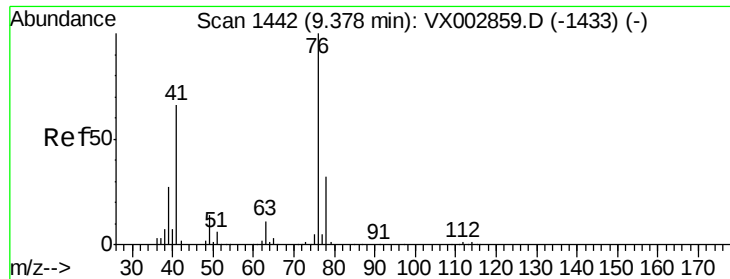
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#56
 Ethyl methacrylate
 Concen: 19.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	40.6	35.8	53.8





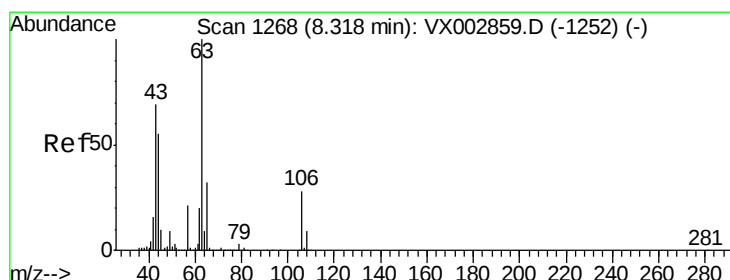
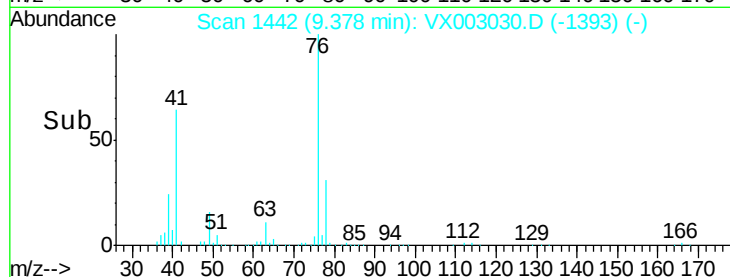
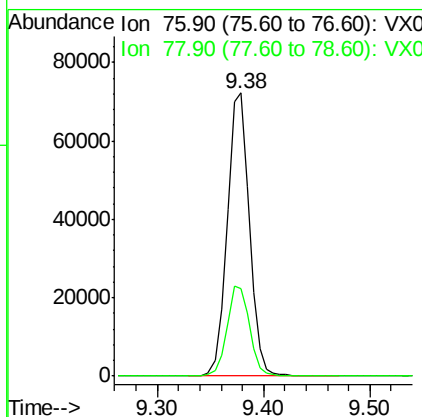
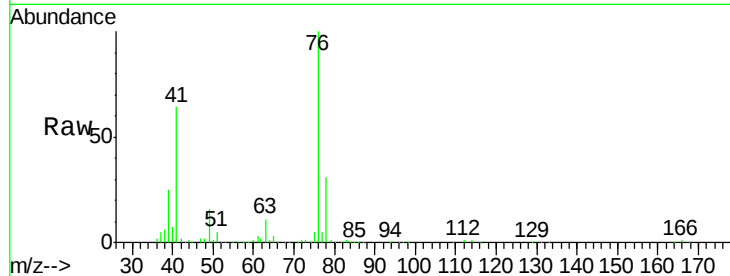
#57
 1,3-Dichloropropane
 Concen: 19.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

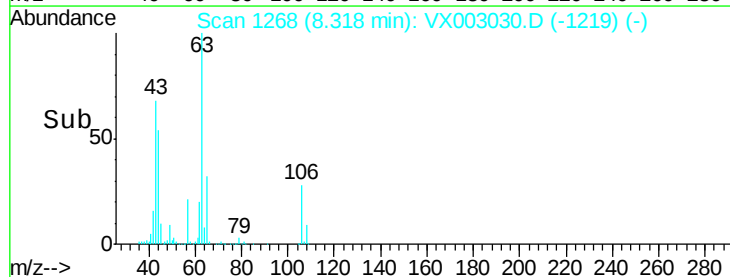
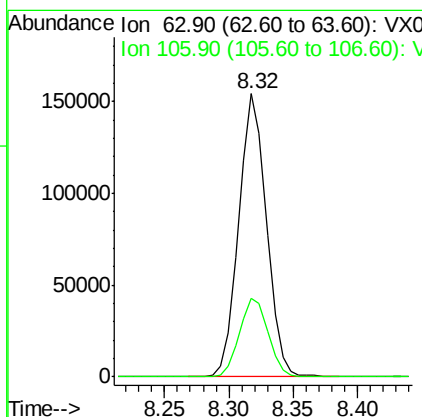
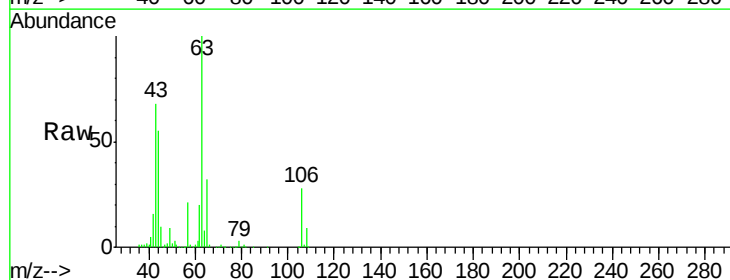
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.21 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	21.8	32.8





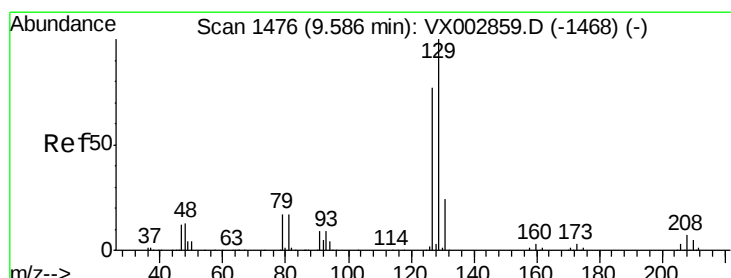
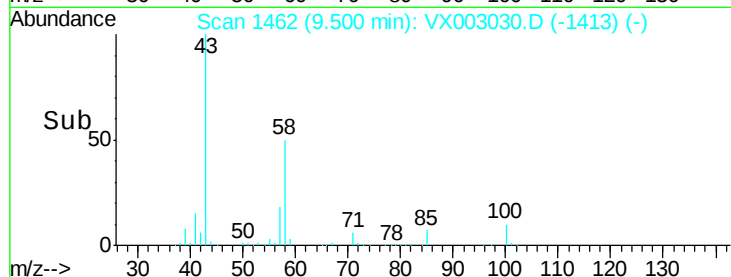
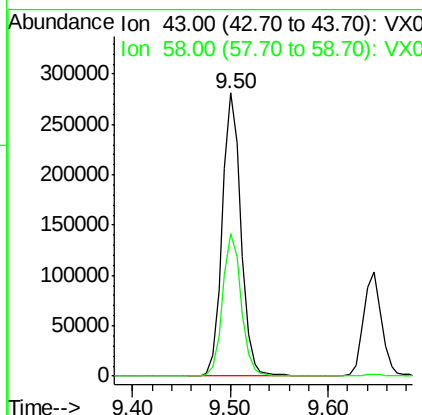
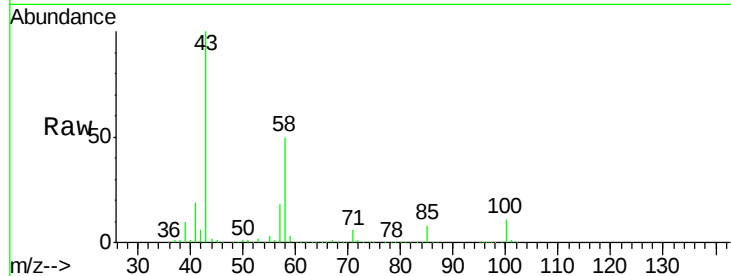
#59
2-Hexanone
Concen: 102.79 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion: 43 Resp: 371873
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6

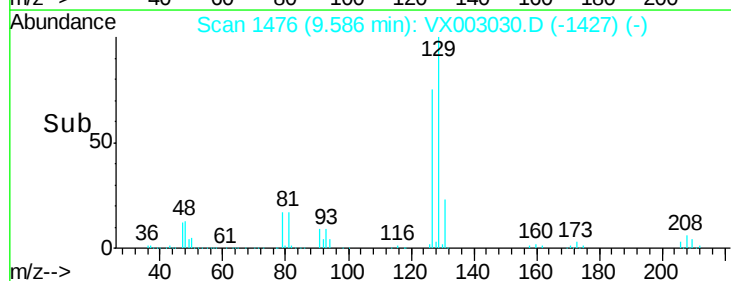
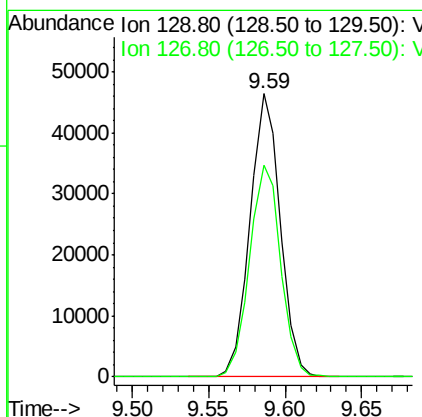
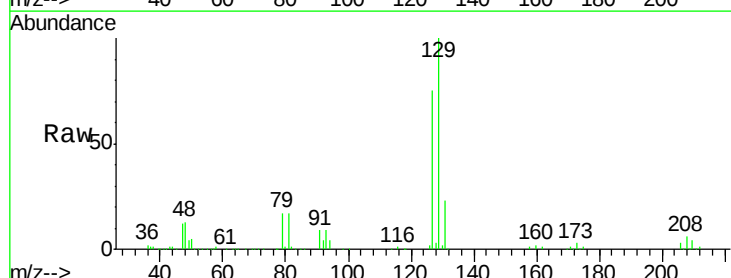
Manual Integrations
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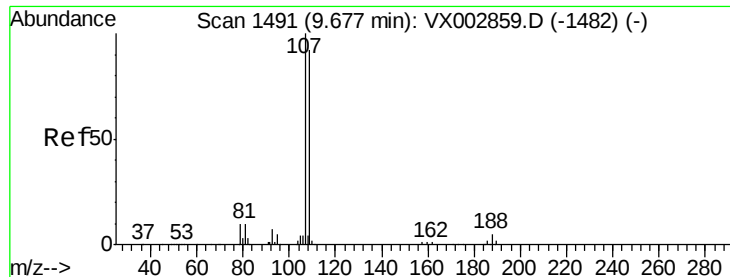
apatel
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#60
Dibromochloromethane
Concen: 18.87 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 129 Resp: 64011
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion:107 Resp: 68022

Ion Ratio Lower Upper

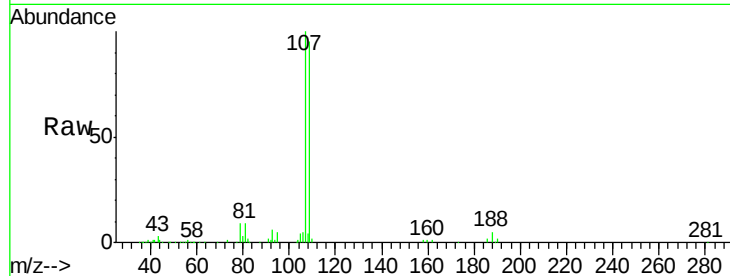
107 100

109 93.7 75.3 112.9

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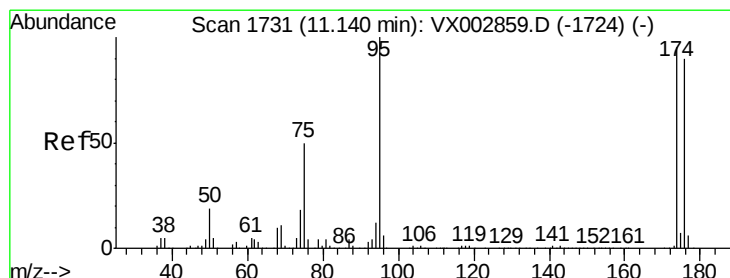
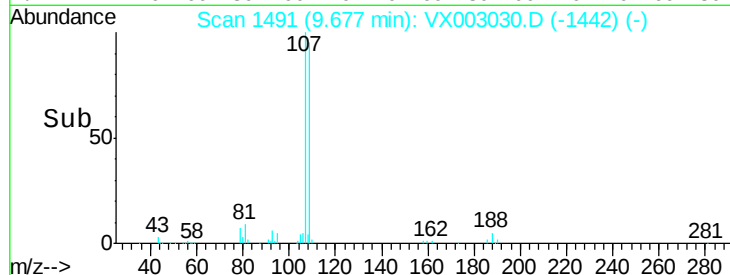
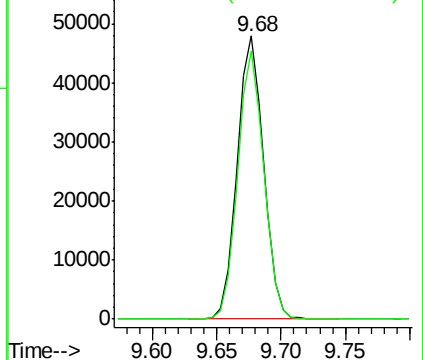
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

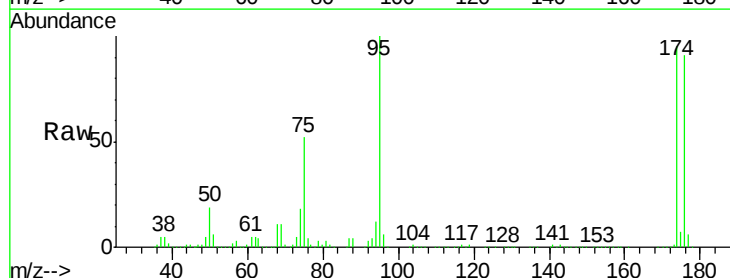
Tgt Ion: 95 Resp: 209334

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

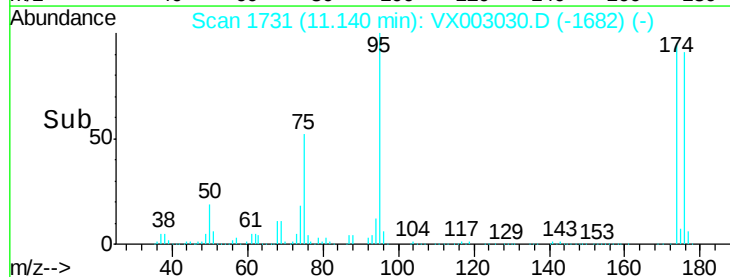
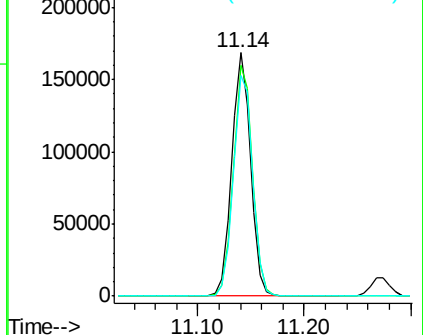
176 93.5 0.0 181.0

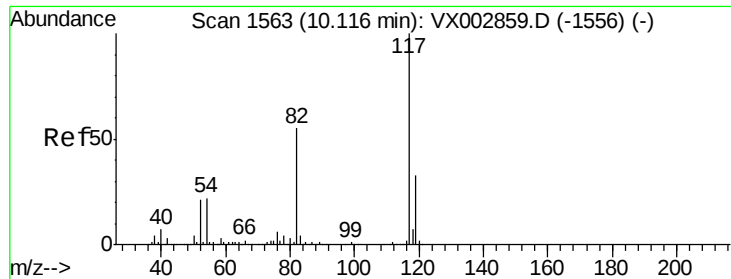


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





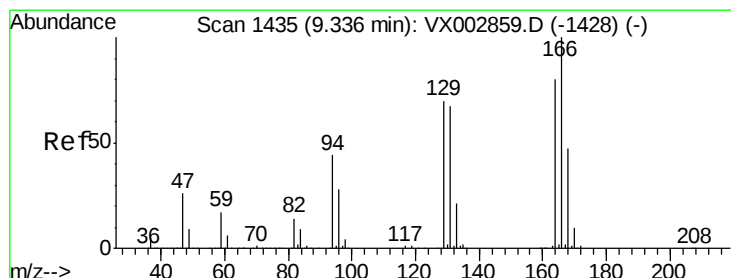
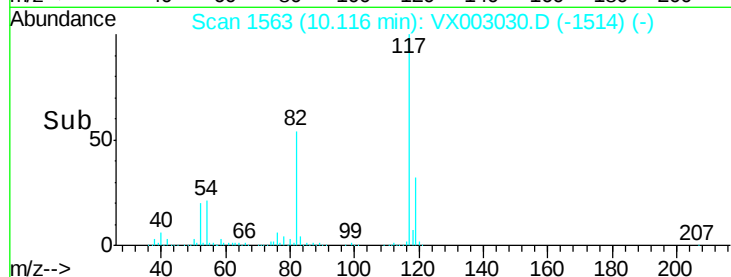
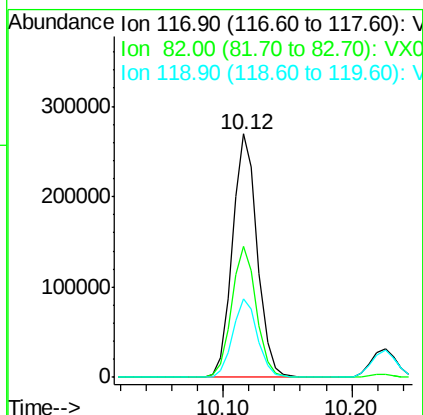
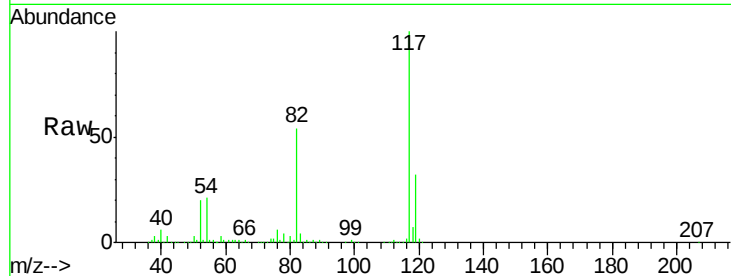
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampled :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.4	25.8	38.6

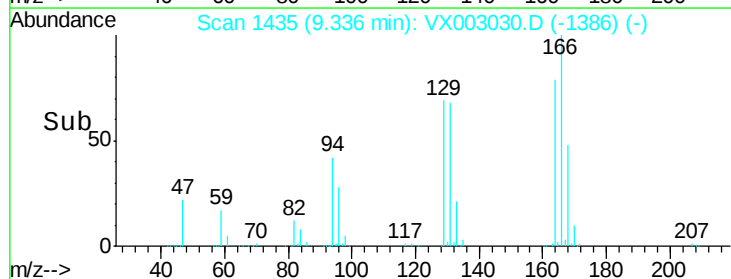
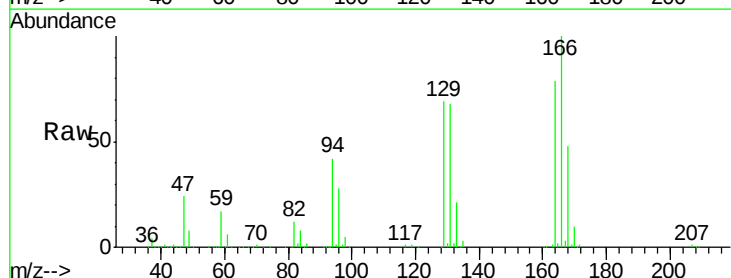
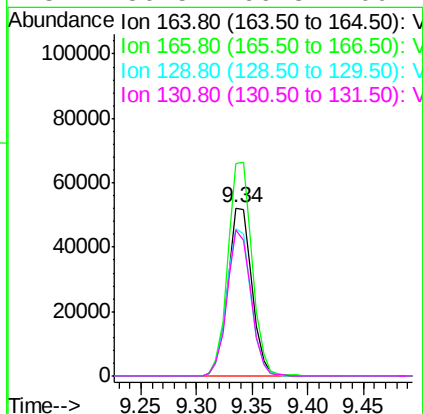
Manual Integrations
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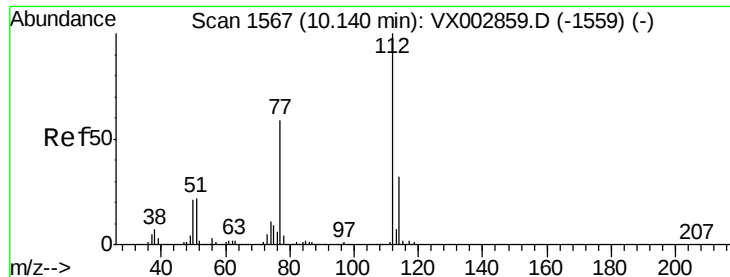
apatel
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#64
Tetrachloroethene
Concen: 19.40 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.9	154.3
129	87.5	68.6	102.8
131	86.5	66.8	100.2





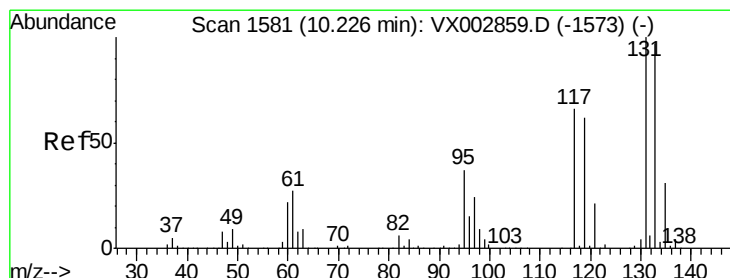
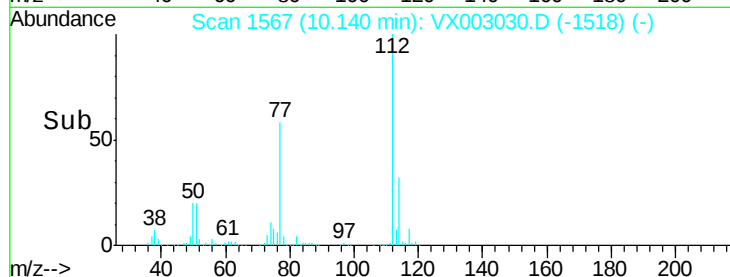
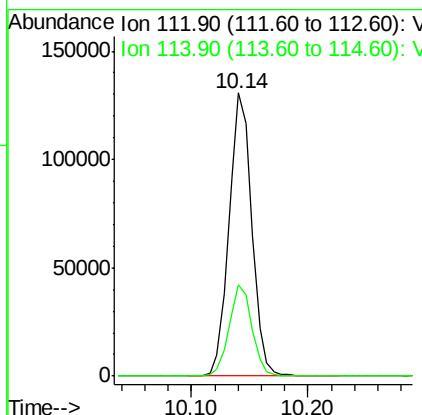
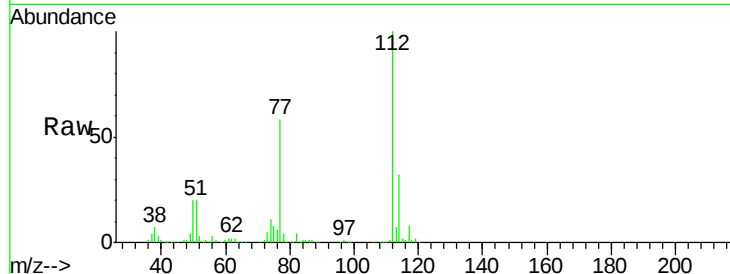
#65
Chlorobenzene
Concen: 19.38 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampled :
VX0629WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	178372		
114	32.1	25.3	37.9	

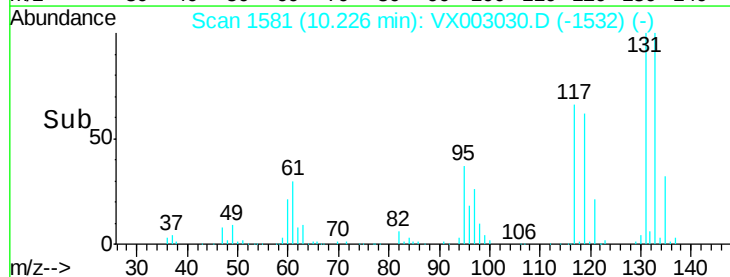
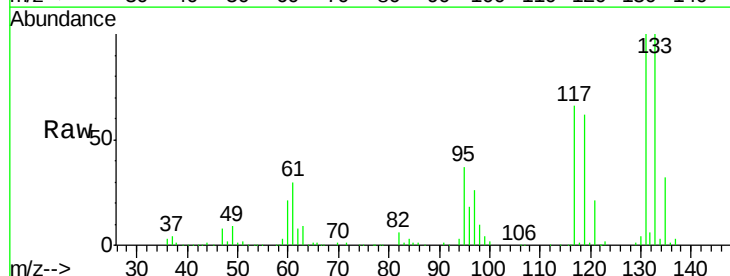
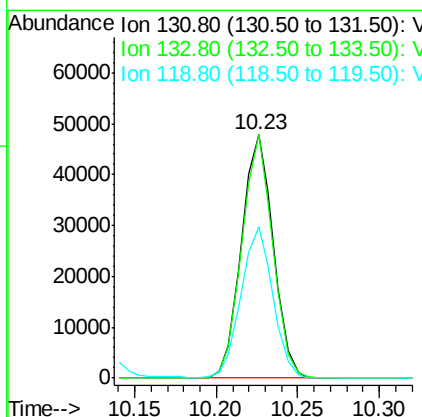
Manual Integrations
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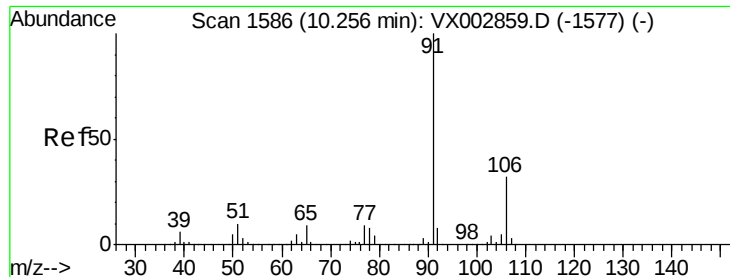
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.43 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	64950		
133	96.9	47.9	143.6	
119	62.5	31.8	95.3	





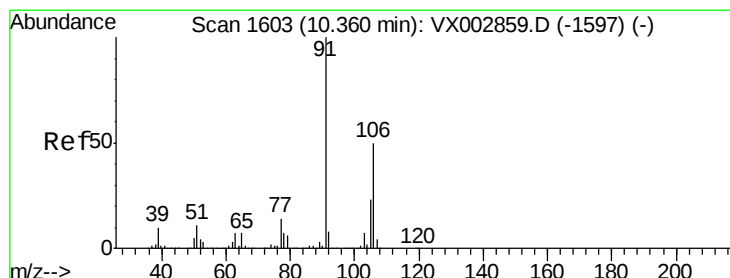
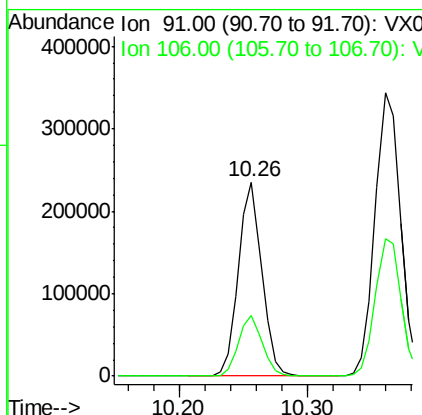
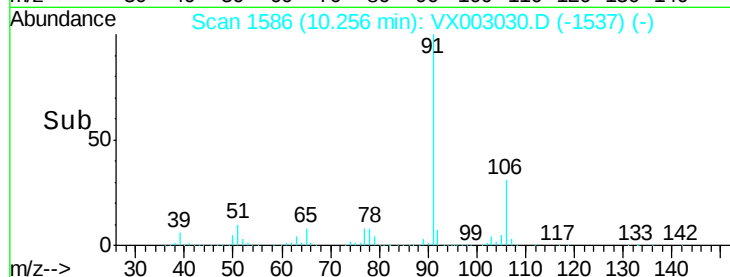
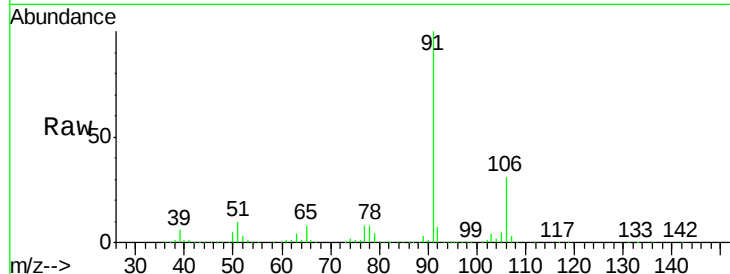
#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampled :
VX0629WBSD01

Tot Ion: 91 Resp: 298741
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

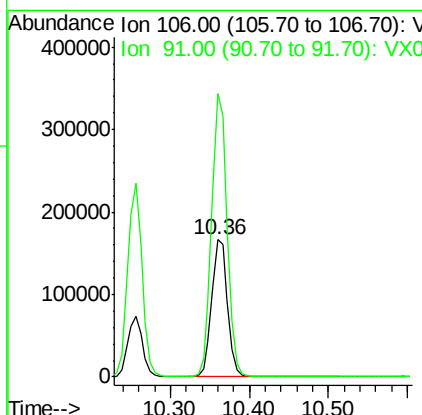
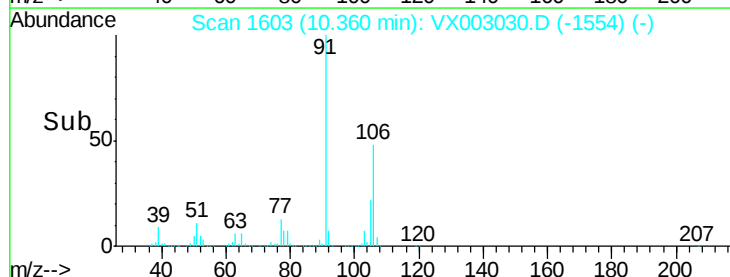
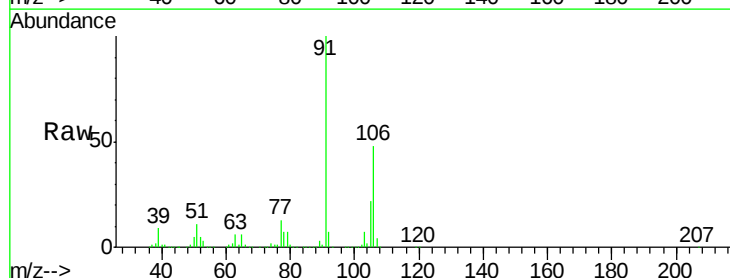
Manual Integrations
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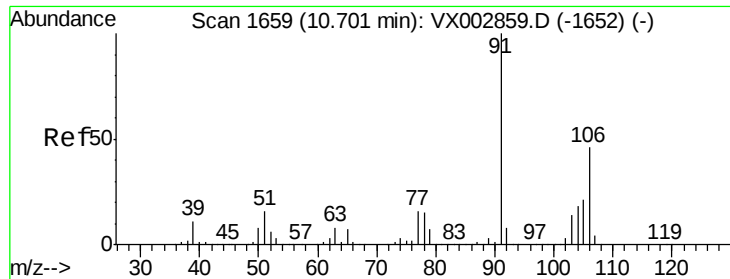
apatel
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#68
m/p-Xylenes
Concen: 39.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 106 Resp: 231866
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.2





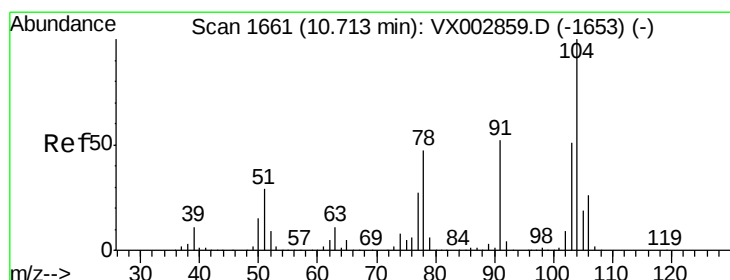
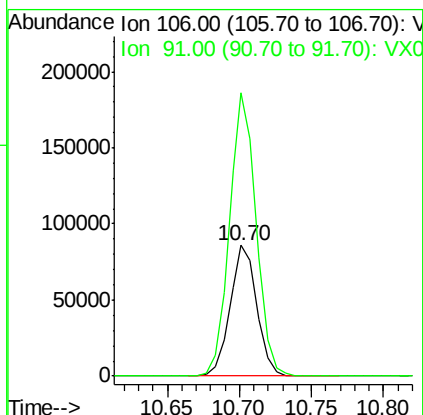
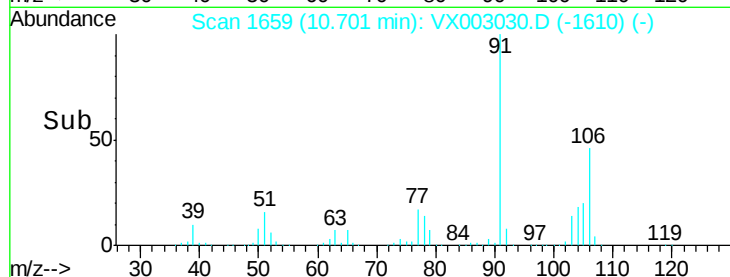
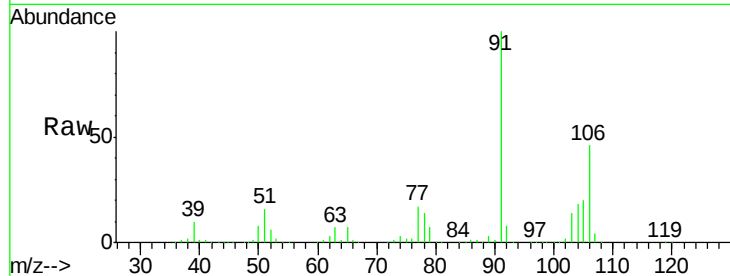
#69
o-Xylene
Concen: 19.60 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion:106 Resp: 111786
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

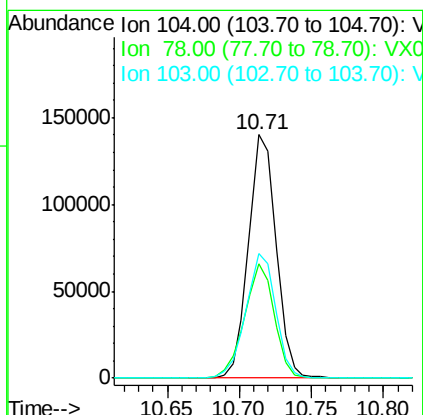
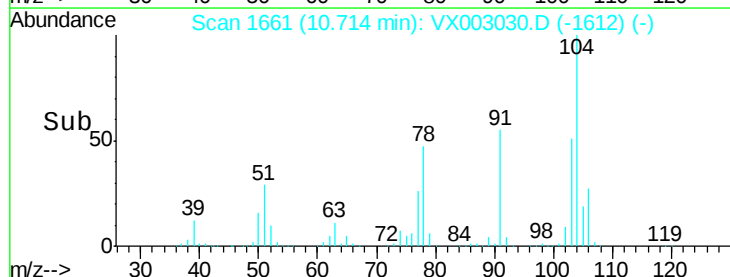
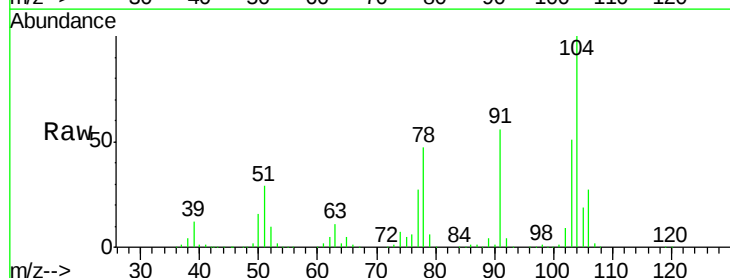
Manual Integrations
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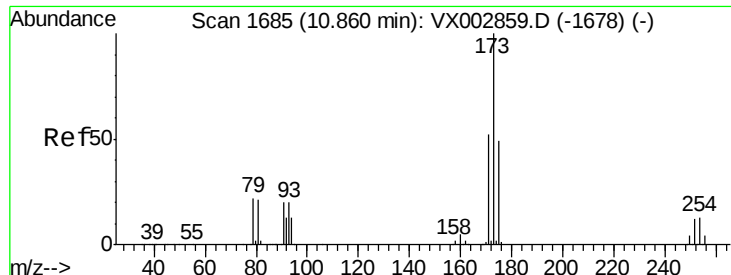
apatel
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#70
Styrene
Concen: 20.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion:104 Resp: 186231
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 19.24 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

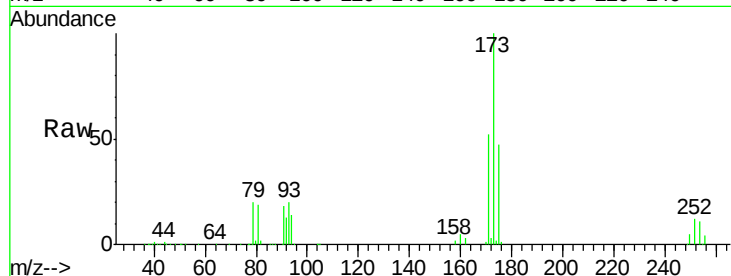
ClientSampleId :

VX0629WBSD01

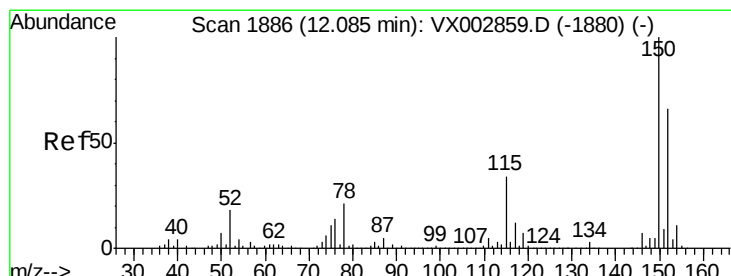
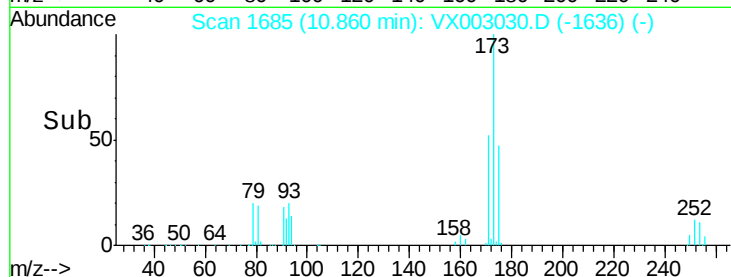
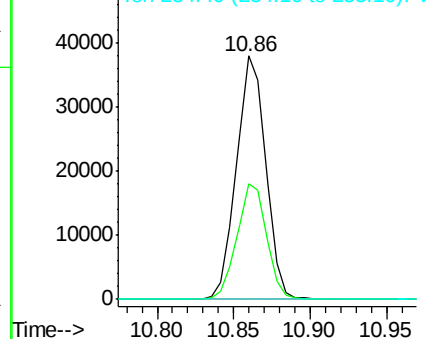
Tot Ion:	173	Resp:	50250
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.7	74.1
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

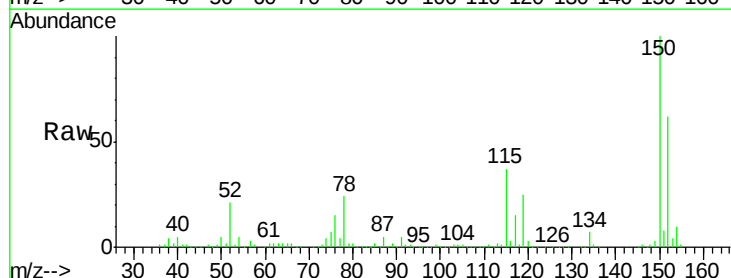
RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

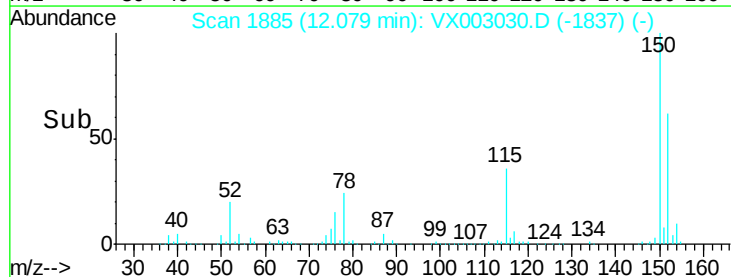
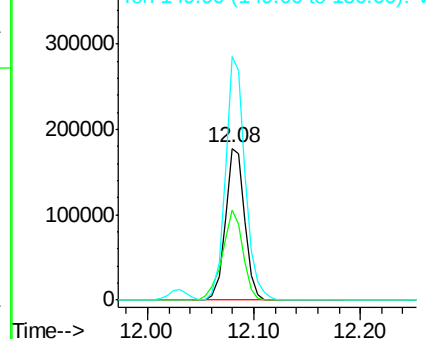
Lab File: VX003030.D

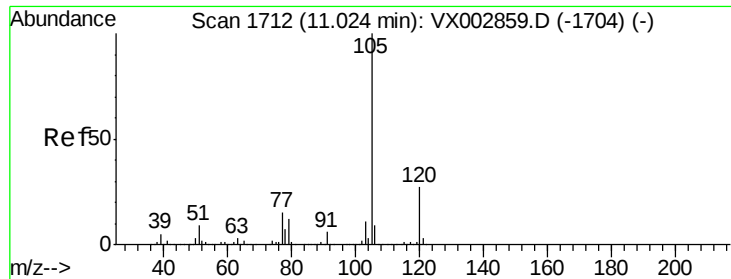
Acq: 29 Jun 2018 15:51

Tgt Ion:	152	Resp:	222854
Ion	Ratio	Lower	Upper
152	100		
115	63.3	40.1	120.2
150	163.7	0.0	347.2



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





#73

Isopropylbenzene

Concen: 20.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion:105 Resp: 301717

Ion Ratio Lower Upper

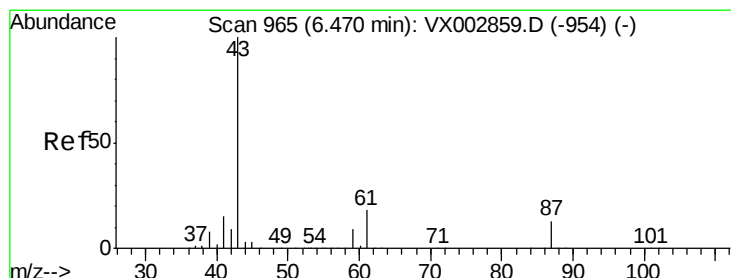
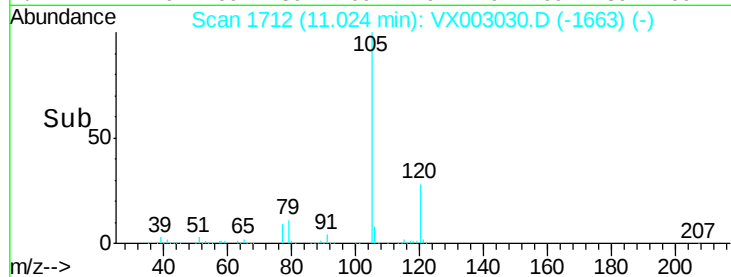
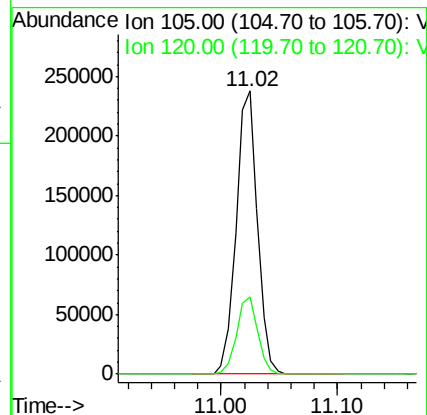
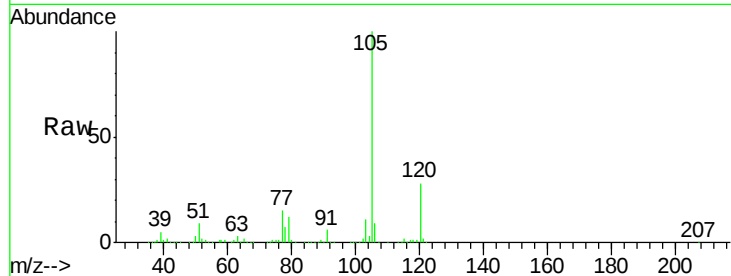
105 100

120 27.2 13.5 40.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion: 43 Resp: 146479

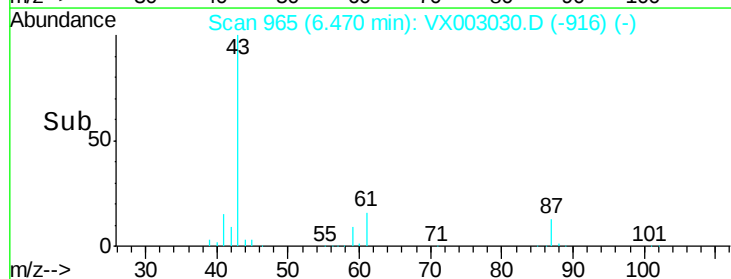
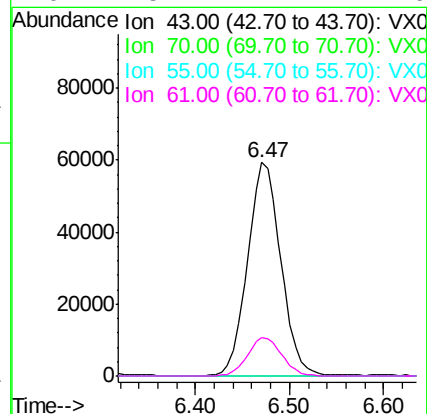
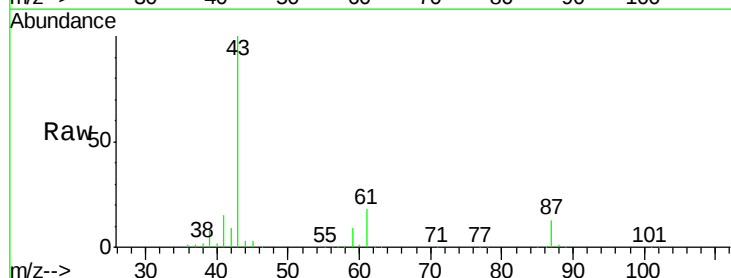
Ion Ratio Lower Upper

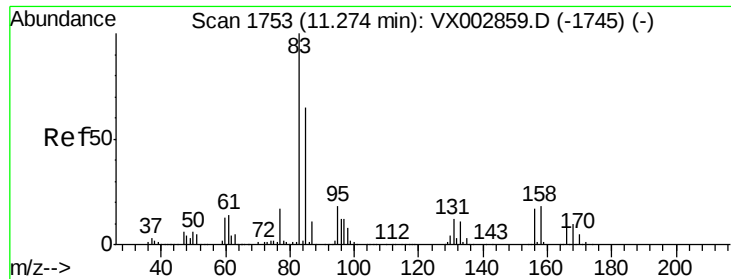
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 83 Resp: 94918

Ion Ratio Lower Upper

83 100

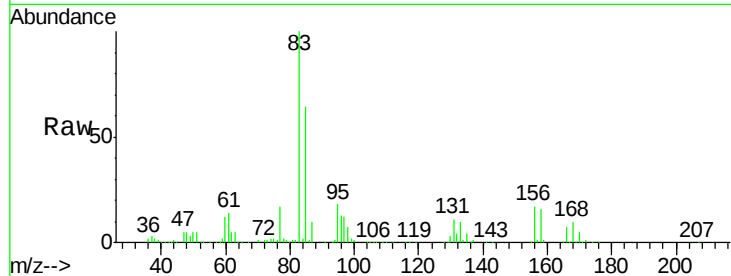
131 11.0 5.6 16.8

85 64.8 32.4 97.2

Manual Integrations
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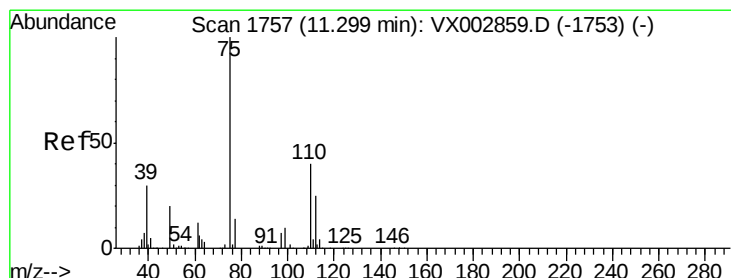
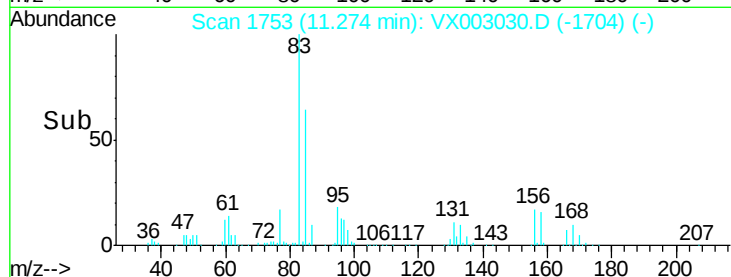
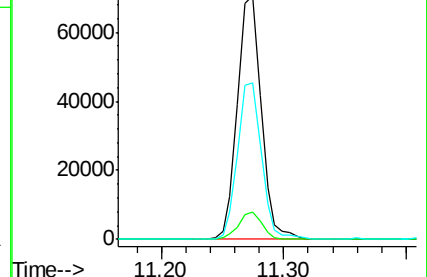
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.24 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003030.D

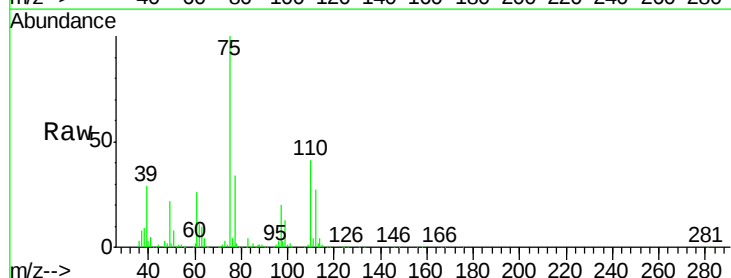
Acq: 29 Jun 2018 15:51

Tgt Ion: 75 Resp: 93794

Ion Ratio Lower Upper

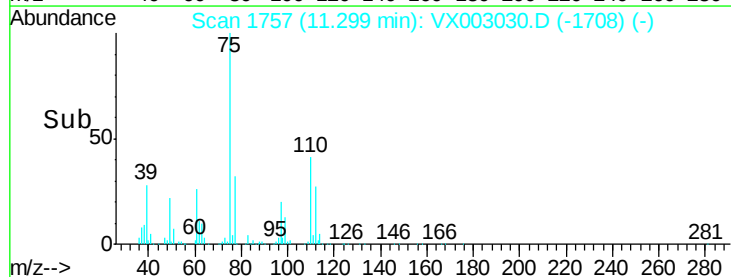
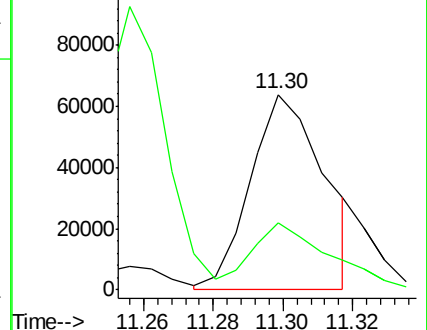
75 100

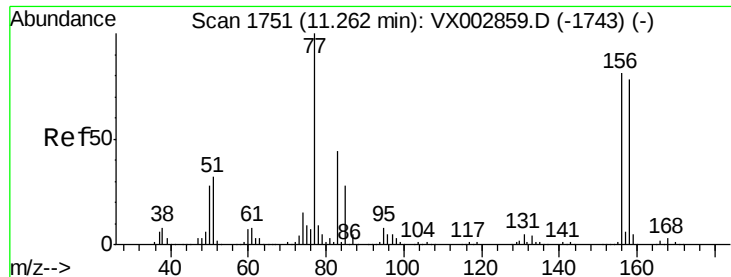
77 36.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion:156 Resp: 85846

Ion Ratio Lower Upper

156 100

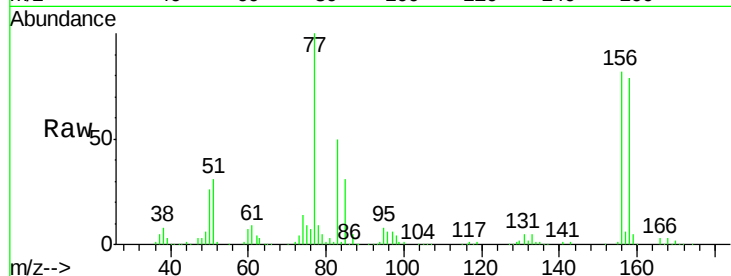
77 138.2 71.4 214.2

158 98.6 48.9 146.6

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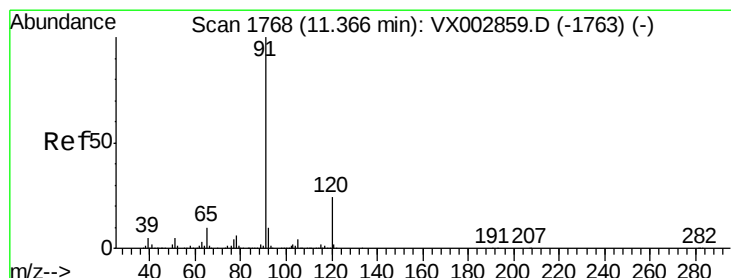
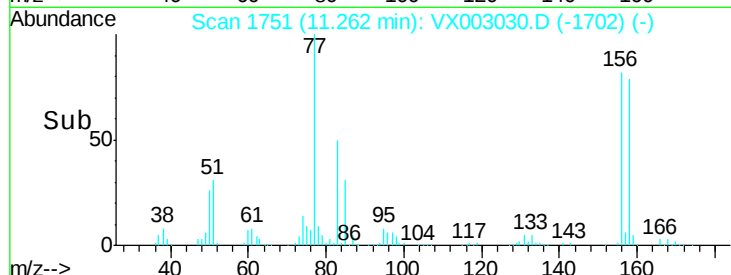
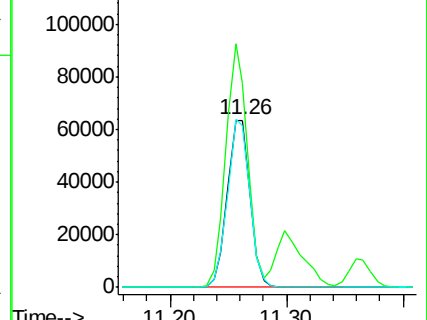
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003030.D

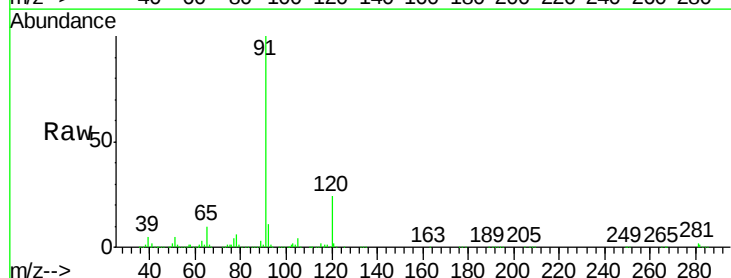
Acq: 29 Jun 2018 15:51

Tgt Ion: 91 Resp: 335874

Ion Ratio Lower Upper

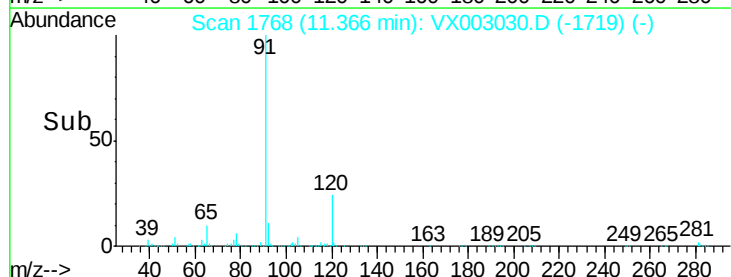
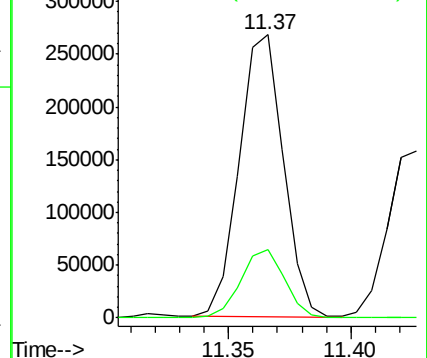
91 100

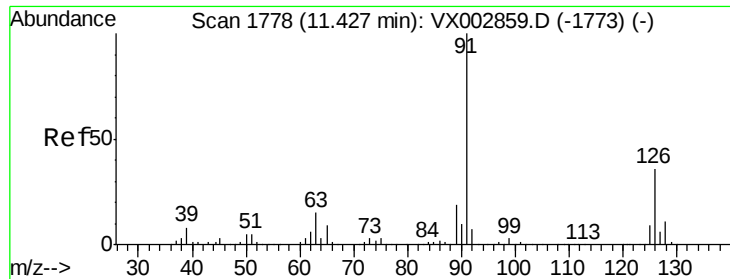
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





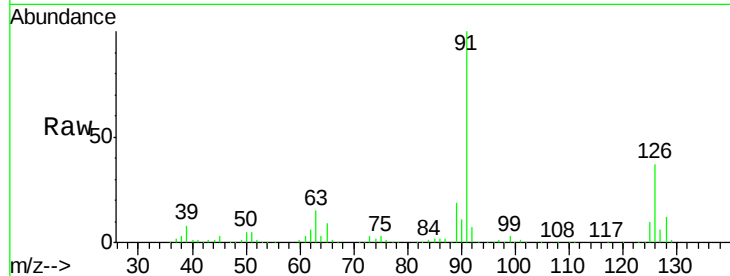
#79
 2-Chlorotoluene
 Concen: 19.89 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

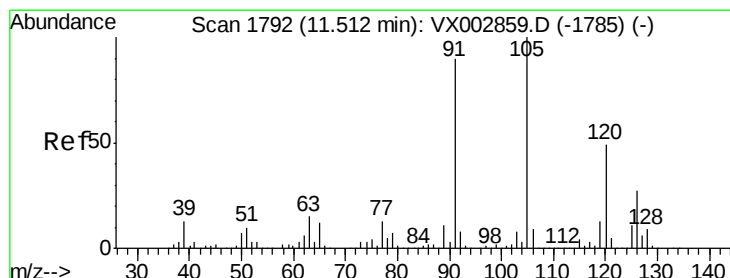
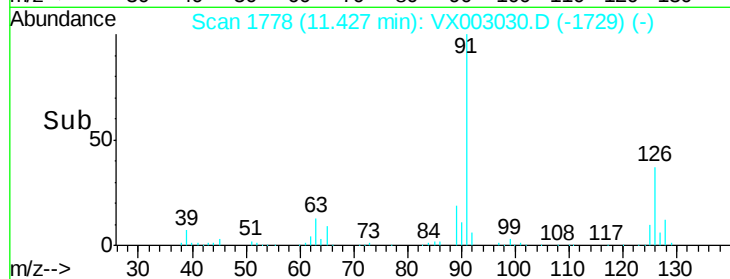
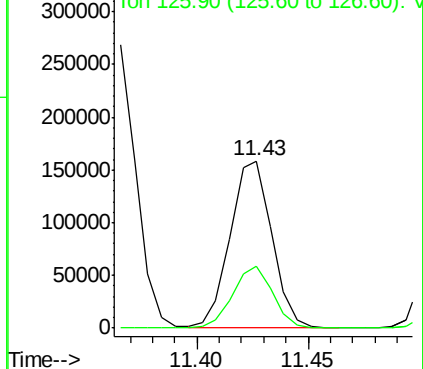
Tot Ion: 91 Resp: 205474
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1

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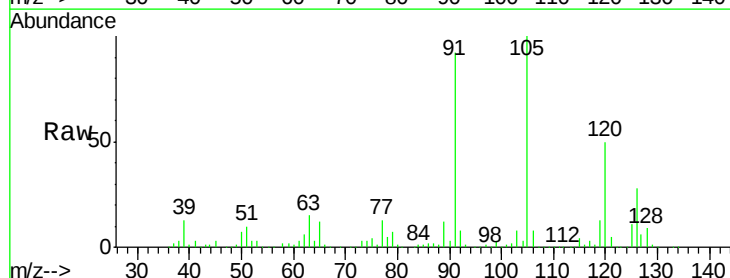


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

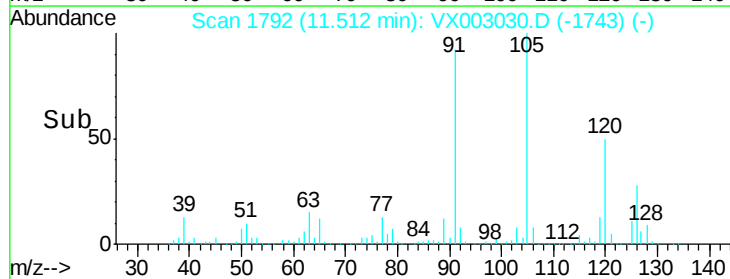
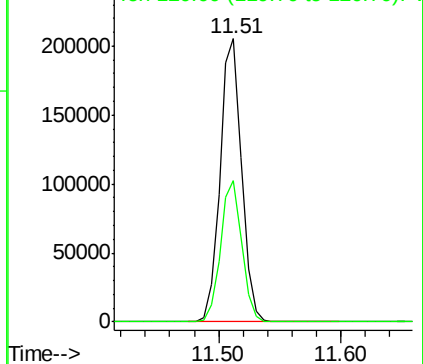


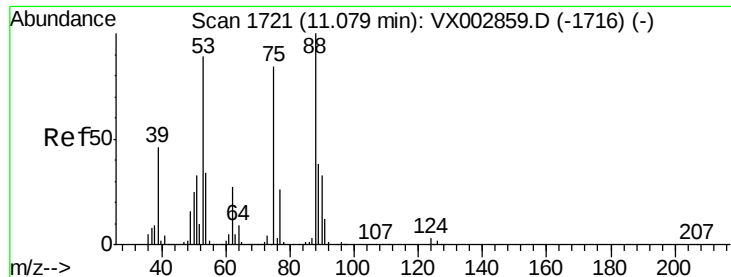
#80
 1,3,5-Trimethylbenzene
 Concen: 19.80 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 105 Resp: 249957
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





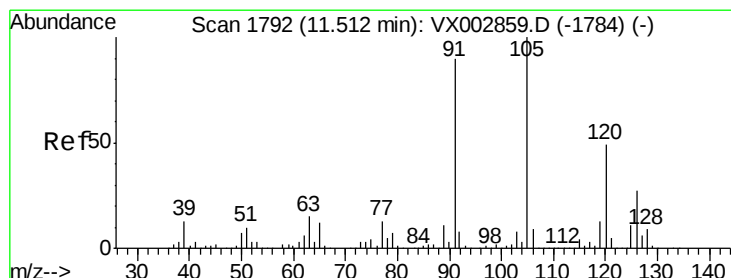
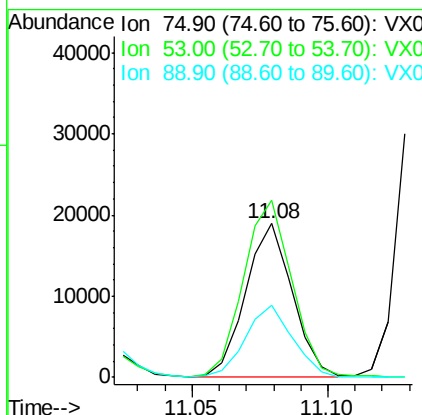
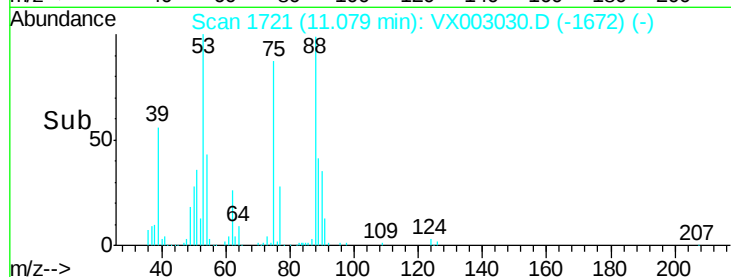
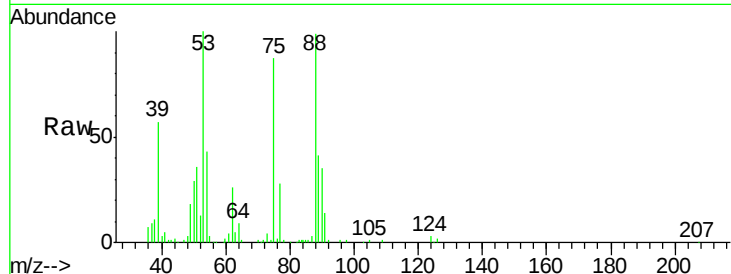
#81
trans-1,4-Dichloro-2-butene
Concen: 18.37 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.7	86.8	130.2
89	48.2	38.2	57.2

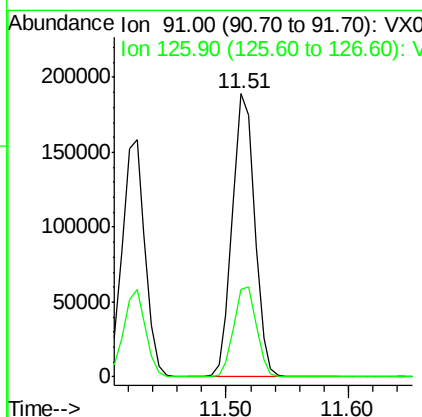
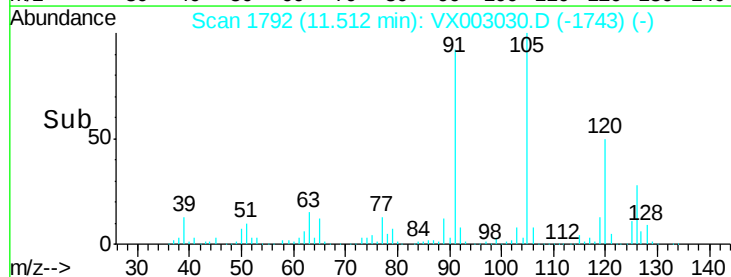
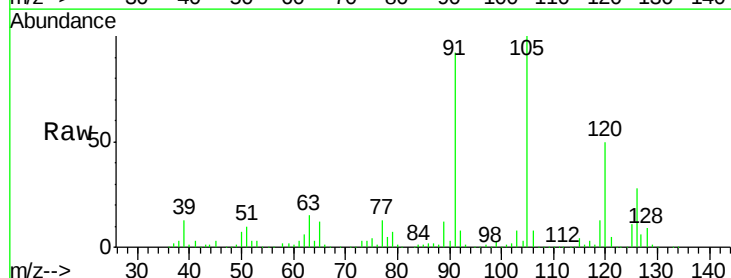
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#82
4-Chlorotoluene
Concen: 19.51 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4





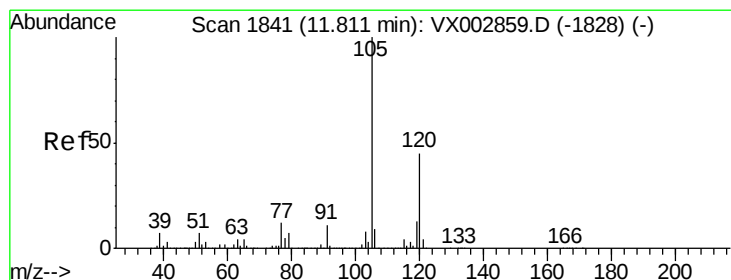
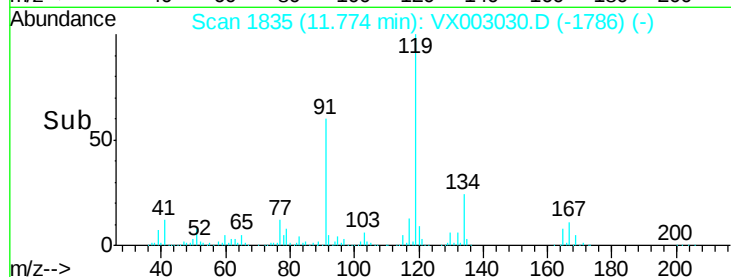
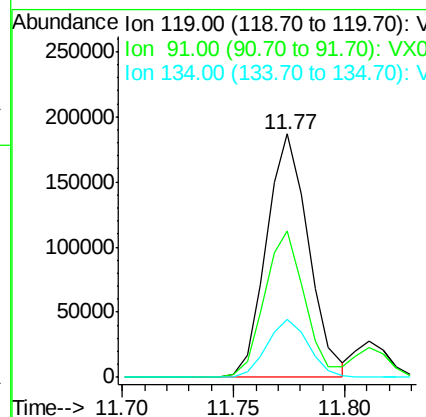
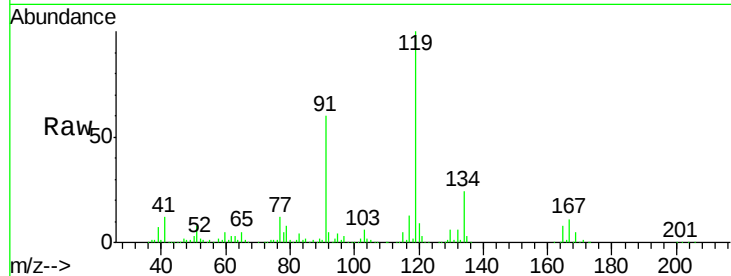
#83
tert-Butylbenzene
Concen: 19.73 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245489		
91	57.8	30.3	90.9	
134	23.6	11.7	35.1	

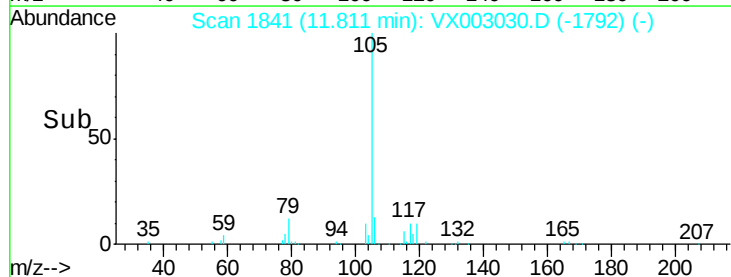
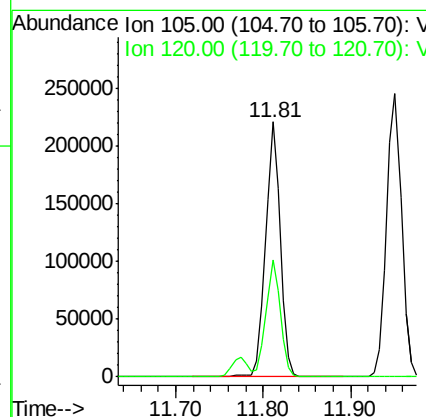
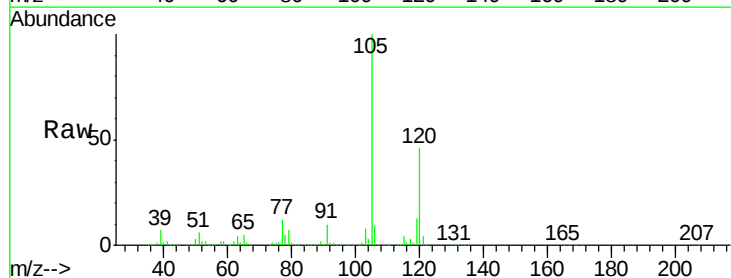
Manual Integrations
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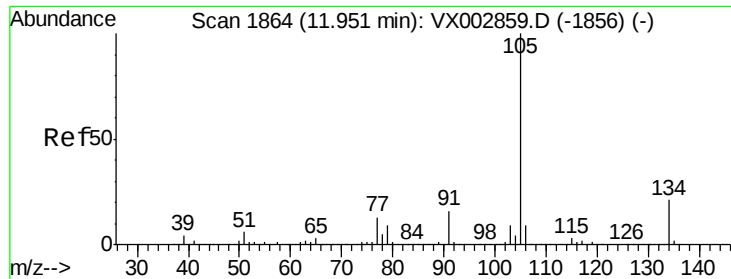
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#84
1,2,4-Trimethylbenzene
Concen: 19.80 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259063		
120	45.5	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.28 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

Tot Ion:105 Resp: 291119

Ion Ratio Lower Upper

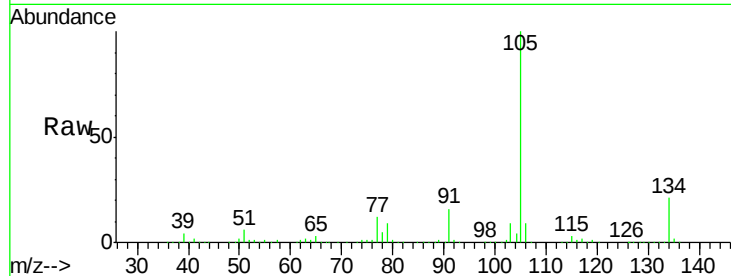
105 100

134 20.7 10.4 31.1

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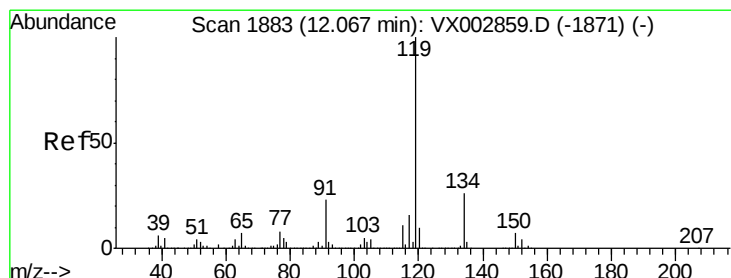
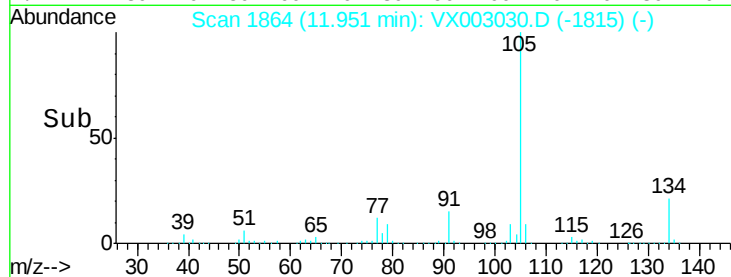
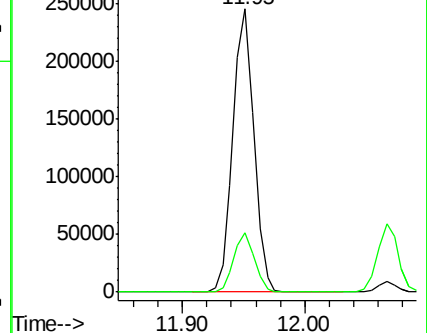
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.19 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

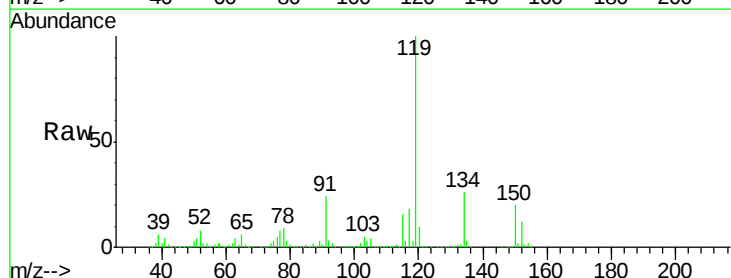
Tgt Ion:119 Resp: 260491

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

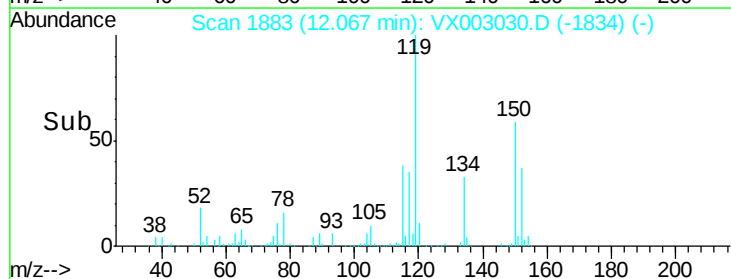
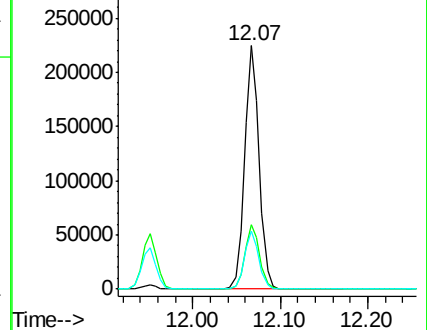
91 23.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.64 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

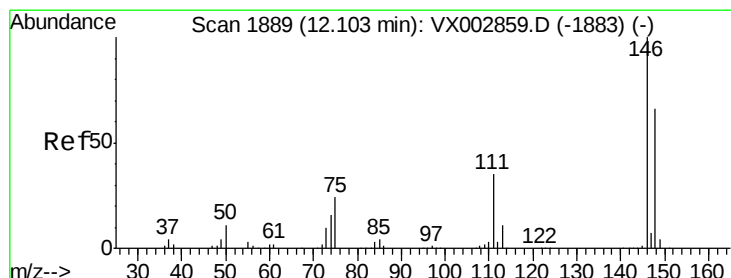
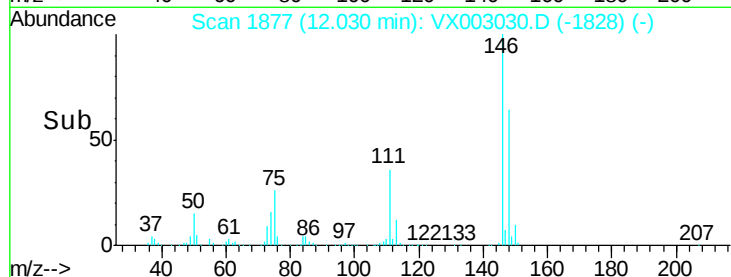
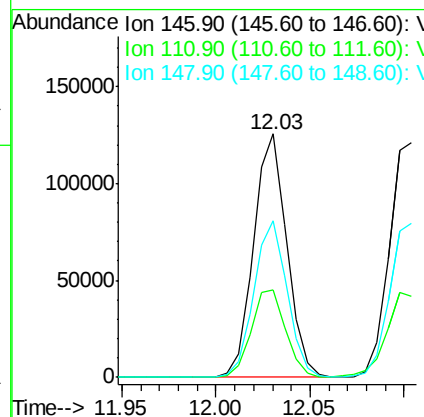
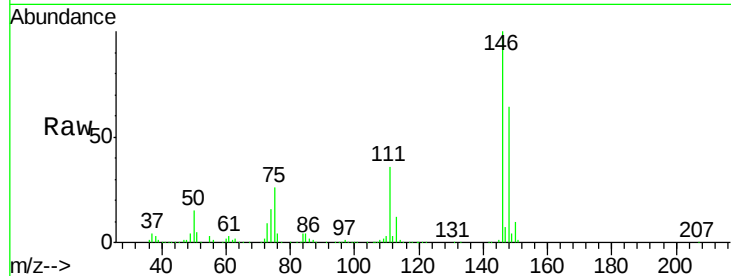
ClientSampleId :

VX0629WBSD01

Tot Ion:	146	Resp:	153150
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.23 ug/l

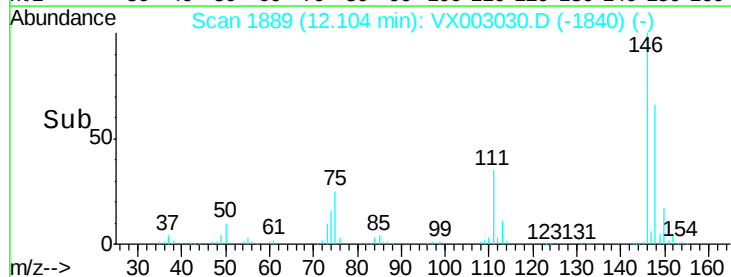
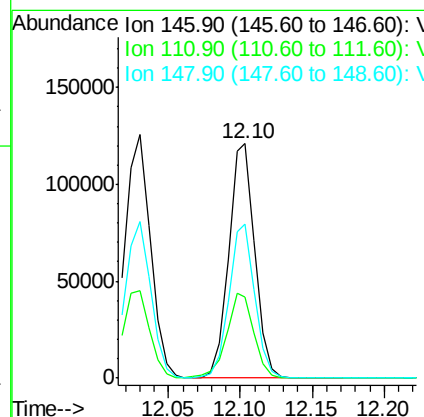
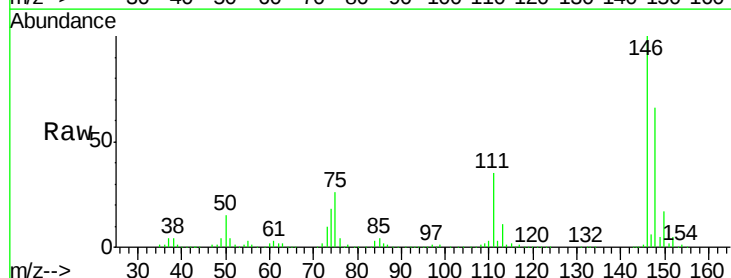
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	146	Resp:	154294
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.7	56.1
148	64.9	32.4	97.0





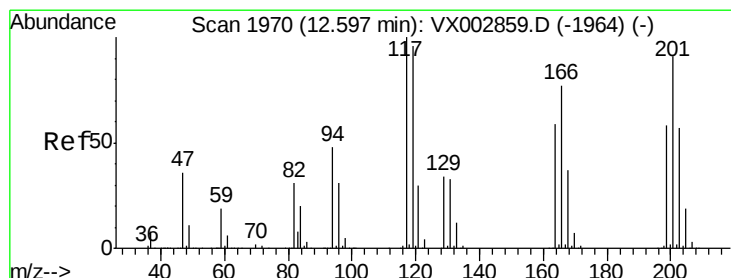
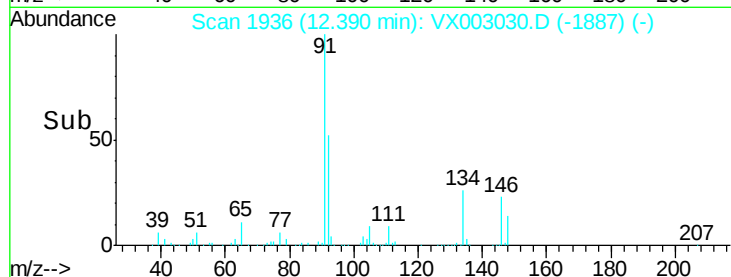
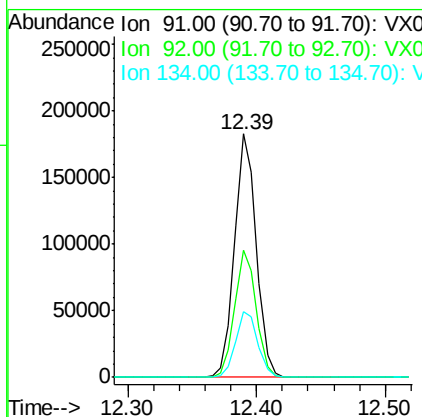
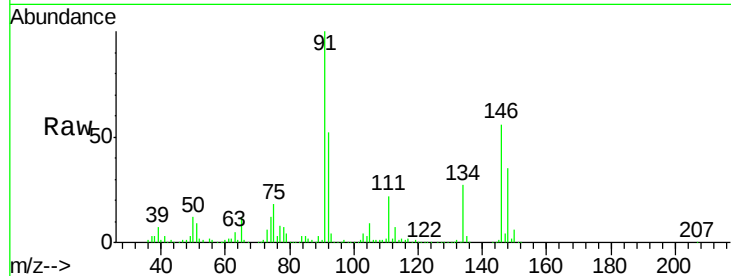
#89
n-Butylbenzene
Concen: 18.23 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.3	13.5	40.5

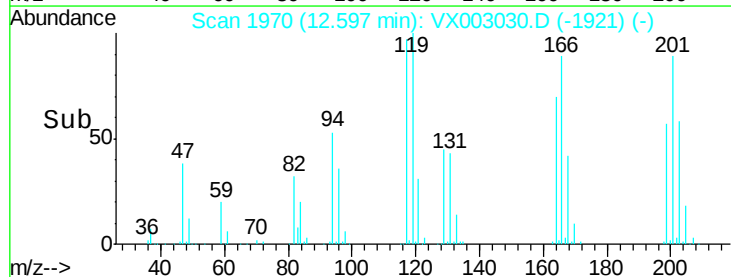
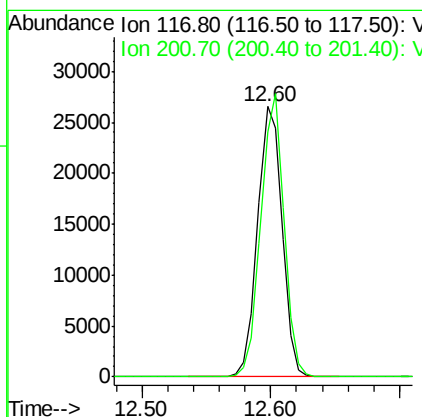
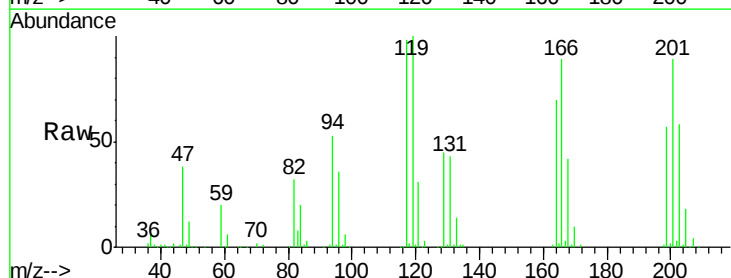
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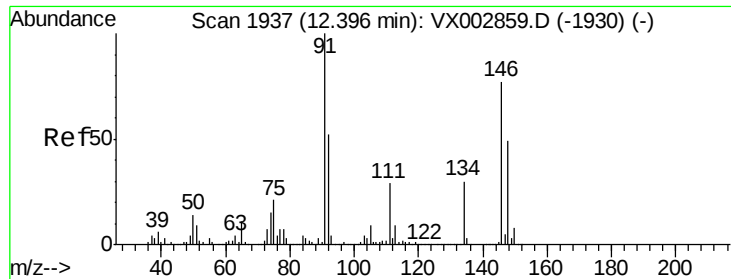
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#90
Hexachloroethane
Concen: 17.16 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.2	49.0	147.0





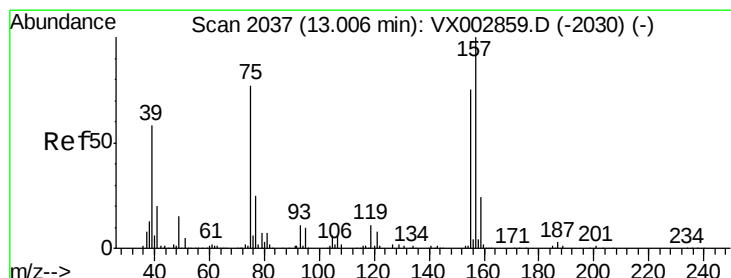
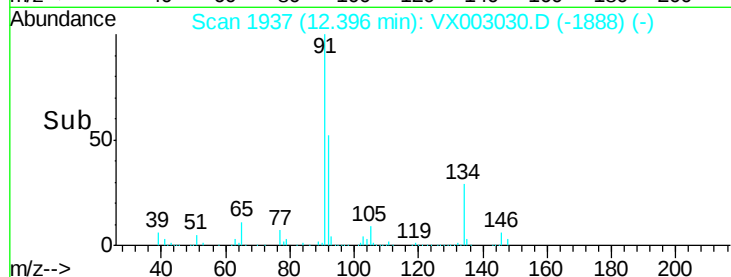
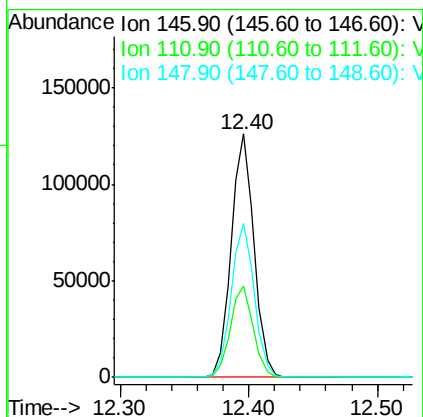
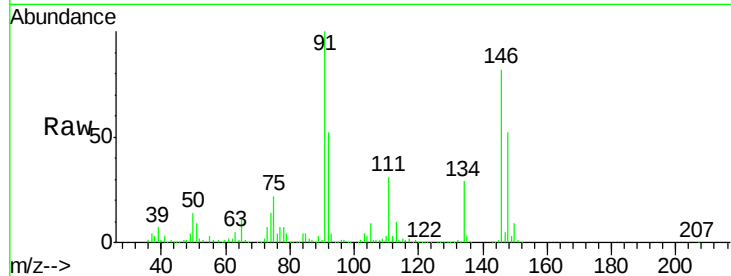
#91
 1,2-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.1
148	64.1	31.7	95.1

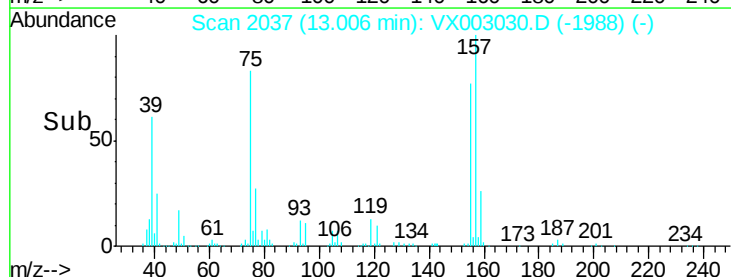
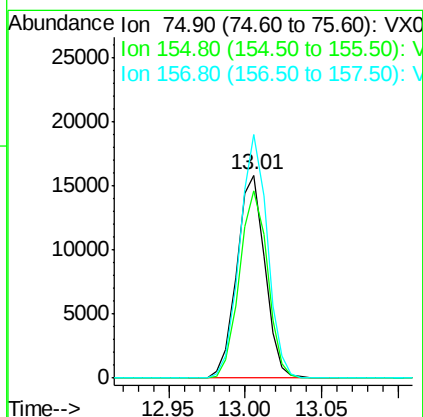
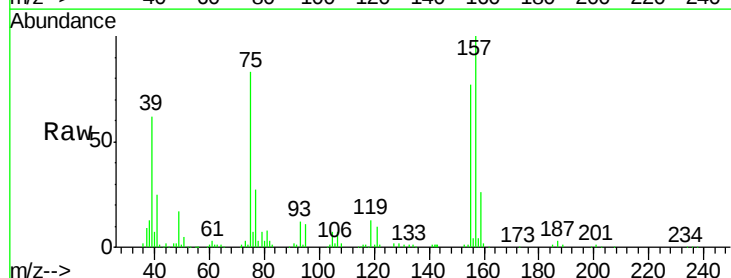
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	45.8	137.4
157	117.2	60.1	180.3





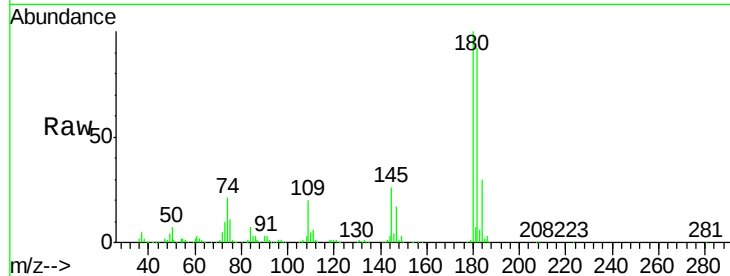
#93
 1,2,4-Trichlorobenzene
 Concen: 19.08 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

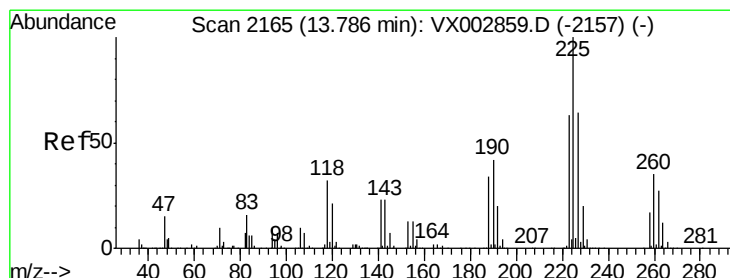
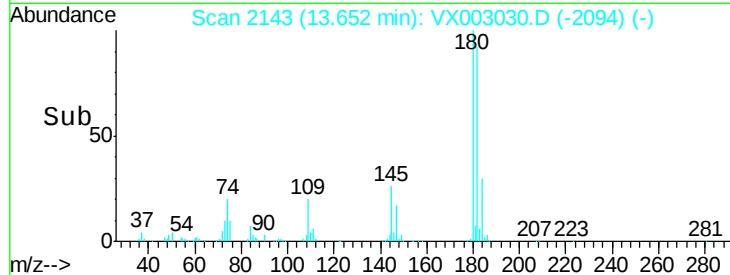
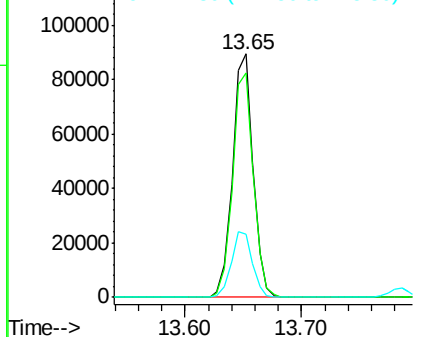
Tot Ion	Ratio	Resp	Lower	Upper
180	100	109280		
182	93.9	47.7	143.1	
145	27.6	14.1	42.4	

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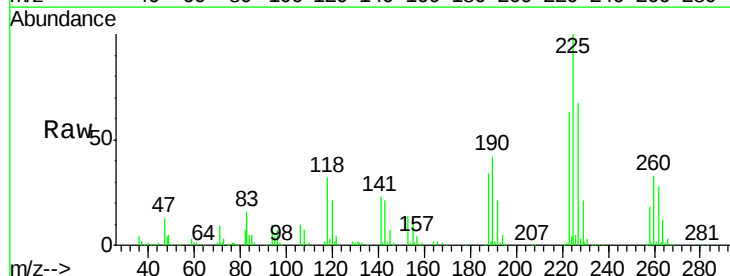


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

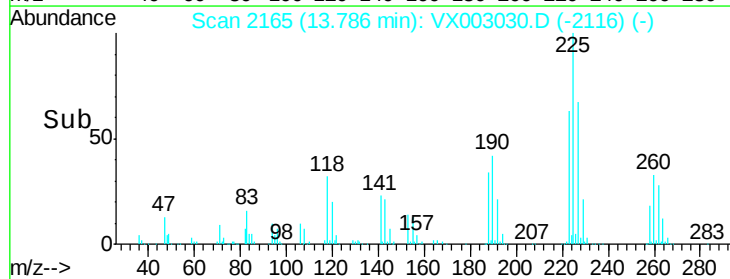
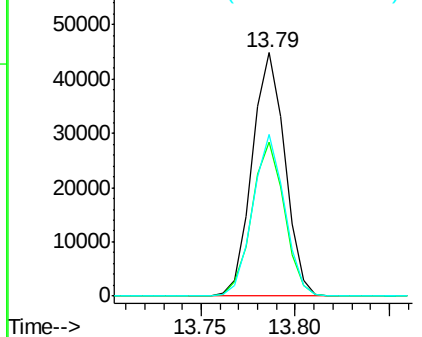


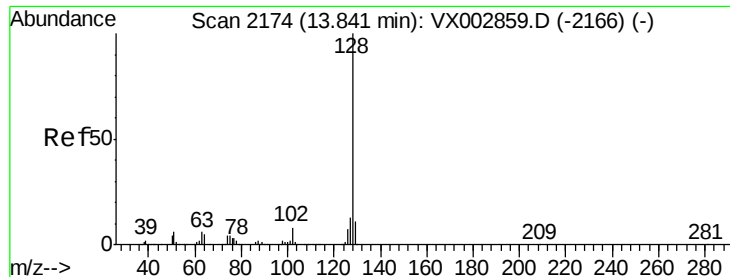
#94
 Hexachlorobutadiene
 Concen: 18.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54045		
223	62.7	31.6	95.0	
227	64.4	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.59 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

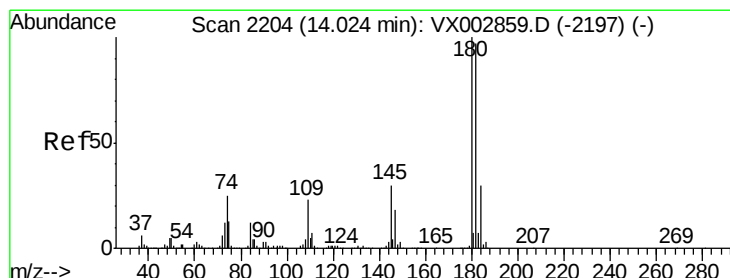
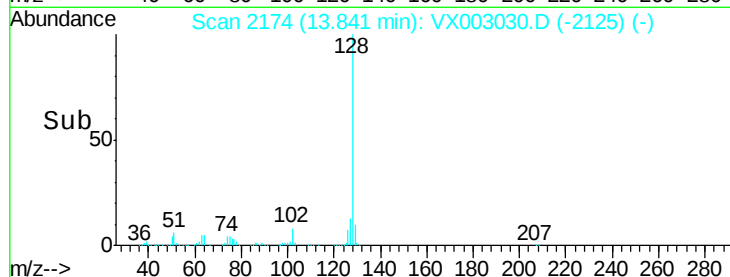
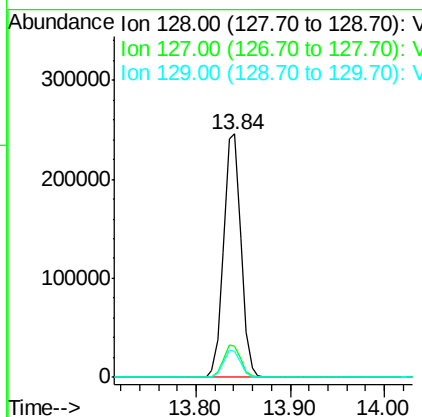
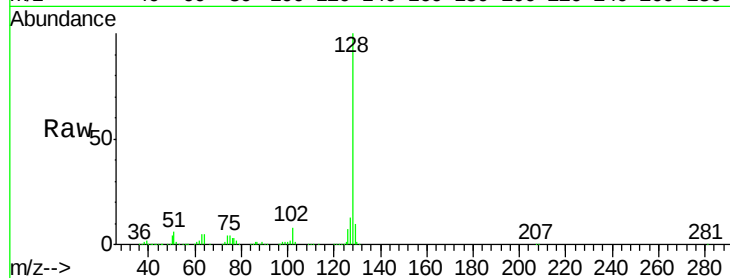
ClientSampleId :

VX0629WBSD01

Tot Ion:	128	Resp:	314077
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:25 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.70 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion:	180	Resp:	112708
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.0	14.8	44.3

