

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030118\
 Data File : VX000182.D
 Acq On : 01 Mar 2018 13:53
 Operator : JC/MD
 Sample : VX0301WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0301WBSD02

Manual Integrations
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 3/2/2018 3:13:26 PM

Quant Time: Mar 02 03:57:25 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	22848	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	133477	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	129514	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	55232	31.23	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.10%
60) 4-Bromofluorobenzene	11.15	95	64681	30.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.77%
63) Toluene-d8	8.73	98	167566	30.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.70%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	18578	13.10	ug/l	99
3) Chloromethane	1.32	50	18870	13.28	ug/l	94
4) Vinyl Chloride	1.40	62	24003	14.19	ug/l	95
5) Bromomethane	1.65	94	21421	13.75	ug/l	96
6) Chloroethane	1.73	64	16300	15.06	ug/l	98
7) Trichlorofluoromethane	1.93	101	44673	15.25	ug/l	100
8) Diethyl Ether	2.19	74	16330	15.96	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25001	15.64	ug/l	94
10) 1,1-Dichloroethene	2.38	96	21546	14.11	ug/l	89
11) Methyl Iodide	2.52	142	16117	10.86	ug/l	100
12) Methyl Acetate	2.79	43	55205	20.24	ug/l	97
13) Acrolein	2.30	56	8447	25.73	ug/l	98
14) Acrylonitrile	3.16	53	105052	88.87	ug/l	99
15) Acetone	2.45	58	37146	96.38	ug/l	94
16) Carbon Disulfide	2.57	76	45062	10.32	ug/l	99
17) Allyl chloride	2.73	41	42341	16.27	ug/l	97
18) Methylene Chloride	2.86	84	25439	15.29	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	23096	13.90	ug/l	92
20) Diisopropyl ether	3.88	45	65689	15.98	ug/l	93
21) 1,1-Dichloroethane	3.71	63	46913	17.32	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	24487	15.87	ug/l	99
23) tert-Butyl Alcohol	3.07	59	62069	91.86	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	90291	17.16	ug/l	97
25) Chloroform	5.23	83	43064	16.03	ug/l	92
26) Cyclohexane	5.59	56	30351	14.29	ug/l #	53
29) 1,1-Dichloropropene	5.81	75	29657	15.26	ug/l	99
30) 2-Butanone	4.72	43	142014	94.91	ug/l	98
31) 2,2-Dichloropropane	4.59	77	33591	16.07	ug/l #	75
32) 1,1,1-Trichloroethane	5.51	97	38011	16.16	ug/l	97
33) Carbon Tetrachloride	5.79	117	30874	14.78	ug/l	97
34) Benzene	6.15	78	88265	15.78	ug/l #	94
35) Methacrylonitrile	5.08	41	24201	17.57	ug/l	92
36) 1,2-Dichloroethane	6.21	62	36640	17.27	ug/l	99
37) Trichloroethene	7.22	130	25669	15.53	ug/l	100
38) Methylcyclohexane	7.47	83	32366	13.89	ug/l	98
39) 1,2-Dichloropropane	7.53	63	23549	16.86	ug/l	99
40) Dibromomethane	7.67	93	18732	17.41	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Mar 02 03:57:25 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	33045	16.16	ug/l	96
42) Vinyl Acetate	3.84	43	342062	89.69	ug/l	99
43) Ethyl Acetate	4.87	43	46164	17.57	ug/l	99
44) Isopropyl Acetate	6.48	43	67823	17.59	ug/l	97
45) 1,4-Dioxane	7.77	88	16944	349.38	ug/l	95
46) Methyl methacrylate	7.79	41	32870	17.53	ug/l	92
47) n-amyl Acetate	10.91	43	59247	17.60	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	38007	15.96	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	37455	16.17	ug/l	96
50) 1,1,2-Trichloroethane	9.23	97	26220	16.60	ug/l	99
51) Ethyl methacrylate	9.19	69	39878	16.48	ug/l	93
52) 1,3-Dichloropropane	9.38	76	45540	17.97	ug/l	97
53) Dibromochloromethane	9.59	129	26873	15.29	ug/l	97
54) 1,2-Dibromoethane	9.68	107	28020	15.91	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	99334	93.99	ug/l	99
56) Bromoform	10.87	173	20303	14.26	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	267211	94.19	ug/l	98
59) 2-Hexanone	9.51	43	224480	93.45	ug/l	98
61) Tetrachloroethene	9.34	164	22167	14.10	ug/l	96
62) Toluene	8.79	91	106481	15.80	ug/l	98
64) Chlorobenzene	10.15	112	73833	16.21	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	25474	15.79	ug/l	99
66) Ethyl Benzene	10.26	91	125431	16.31	ug/l	98
67) m/p-Xylenes	10.37	106	93786	31.10	ug/l	97
68) o-Xylene	10.71	106	46761	15.97	ug/l	98
69) Styrene	10.72	104	78061	16.09	ug/l	99
70) Isopropylbenzene	11.02	105	127944	16.16	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	48379	17.76	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	44386m	18.16	ug/l	
73) Bromobenzene	11.26	156	32565	15.69	ug/l	94
74) n-propylbenzene	11.37	91	153402	16.53	ug/l	98
75) 2-Chlorotoluene	11.43	91	88777	16.64	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	108199	16.13	ug/l	71
77) t-1,4-Dichloro-2-butene	11.09	75	13075	15.13	ug/l	86
78) 4-Chlorotoluene	11.52	91	105846	16.56	ug/l	97
79) tert-butylbenzene	11.78	119	110003m	16.47	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	110248	16.11	ug/l	98
81) sec-Butylbenzene	11.96	105	137101	16.61	ug/l	97
82) p-Isopropyltoluene	12.07	119	117571	15.96	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	63907	16.17	ug/l	98
84) 1,4-Dichlorobenzene	12.11	146	63880	15.51	ug/l	97
85) n-Butylbenzene	12.40	91	111907	16.20	ug/l	99
86) Hexachloroethane	12.60	117	19077	15.51	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	61801	15.78	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	13846	18.18	ug/l	85
89) 1,2,4-Trichlorobenzene	13.65	180	45601	15.86	ug/l	99
90) Hexachlorobutadiene	13.79	225	18055	14.57	ug/l	97
91) Naphthalene	13.84	128	162339	16.15	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	45054	15.58	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
ClientSampleId :
VX0301WBSD02

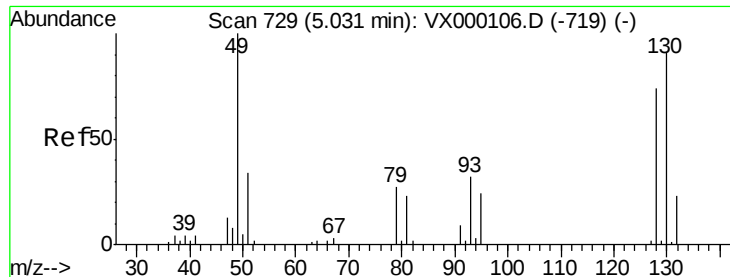
Manual Integrations
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Quant Time: Mar 02 03:57:25 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



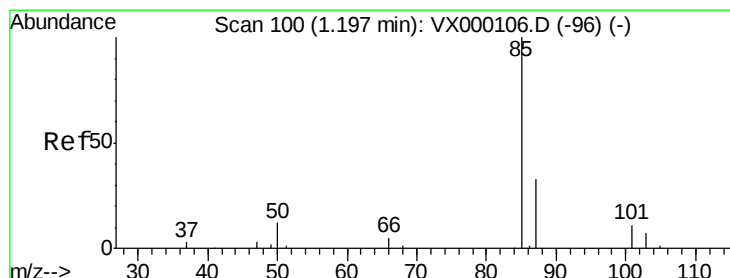
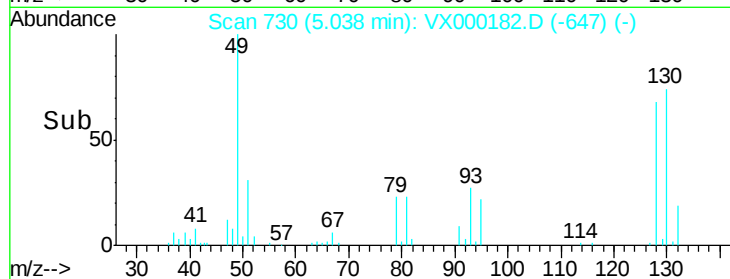
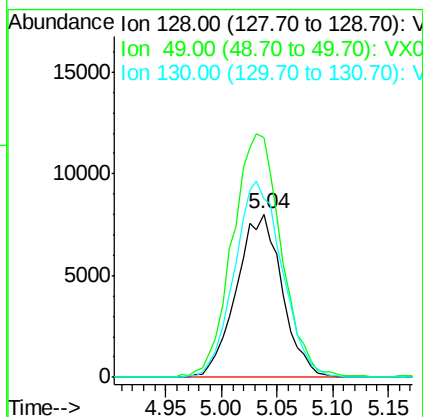
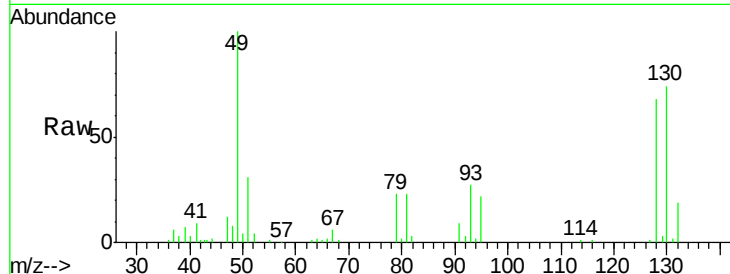
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.8	0.0	378.3
130	125.9	0.0	324.3

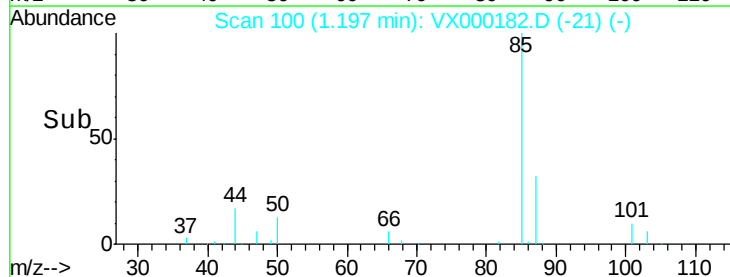
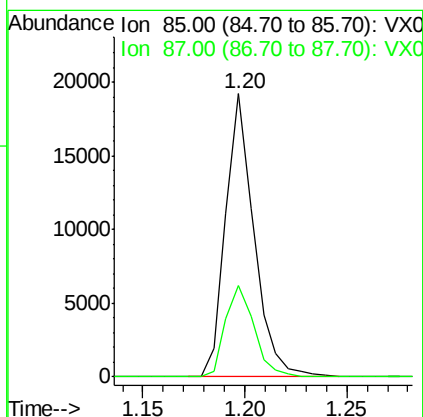
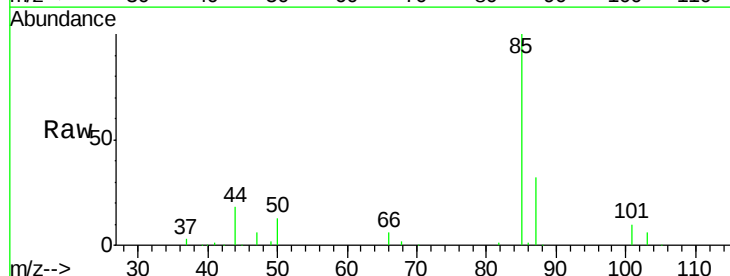
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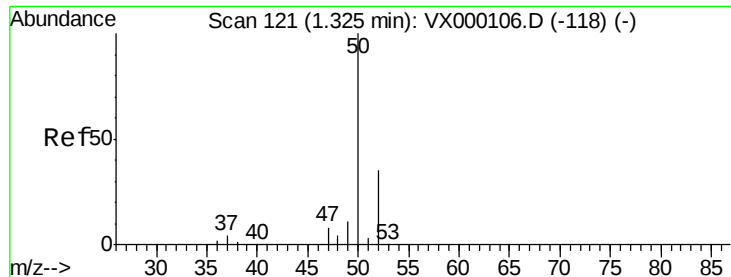
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#2
Dichlorodifluoromethane
Concen: 13.10 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.7





#3

Chloromethane

Concen: 13.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 50 Resp: 18870

Ion Ratio Lower Upper

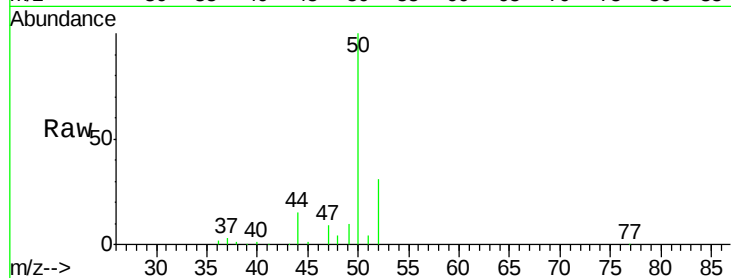
50 100

52 31.4 27.8 41.6

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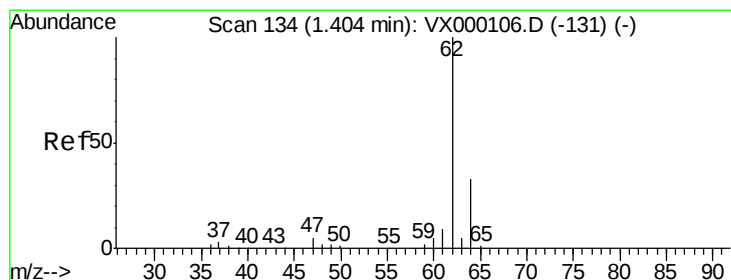
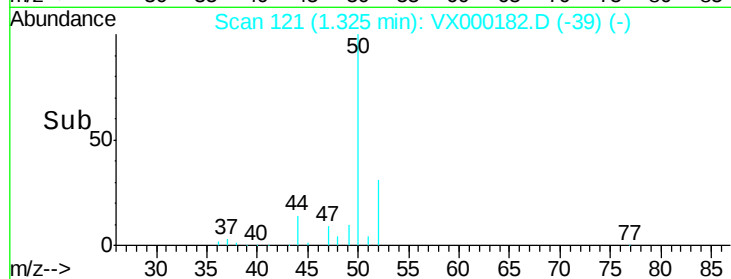
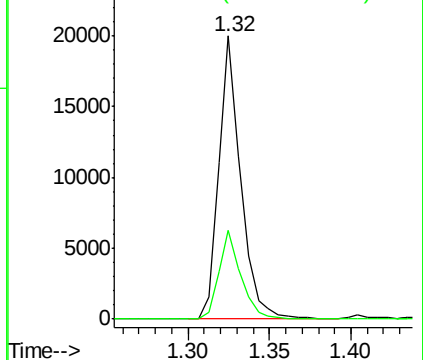
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 14.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000182.D

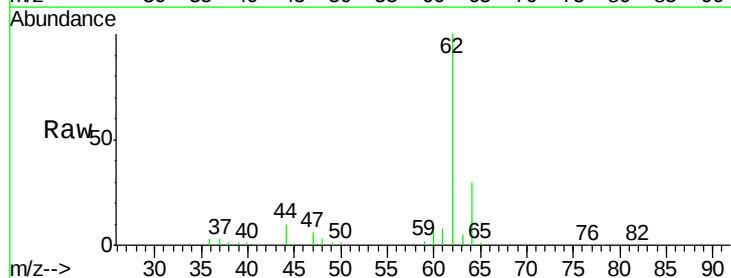
Acq: 01 Mar 2018 13:53

Tgt Ion: 62 Resp: 24003

Ion Ratio Lower Upper

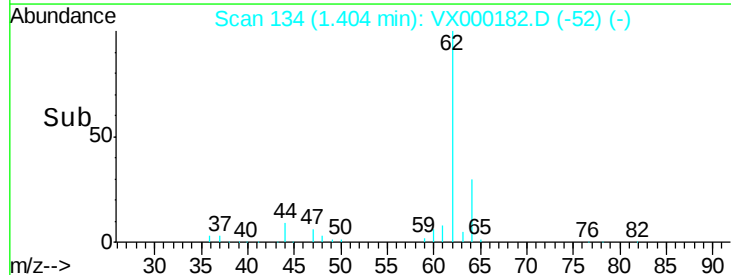
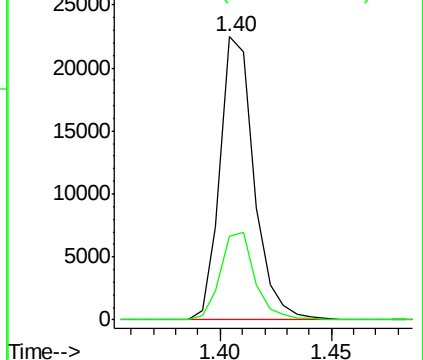
62 100

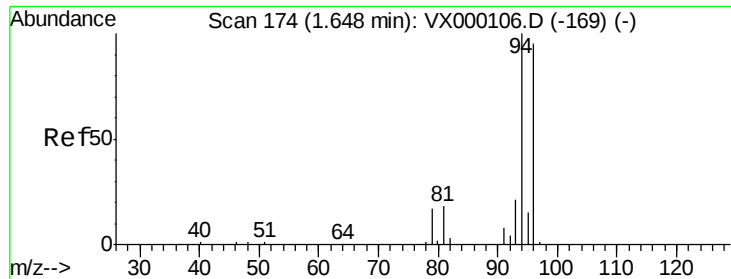
64 29.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 13.75 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 94 Resp: 21421

Ion Ratio Lower Upper

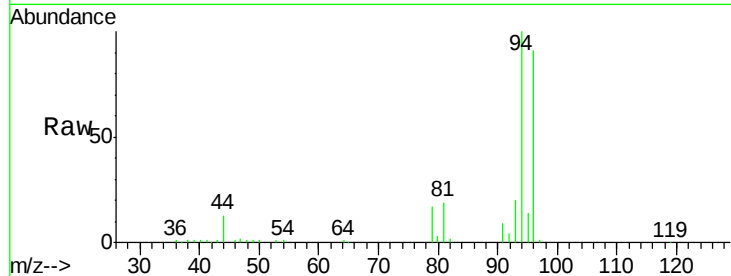
94 100

96 91.0 76.2 114.2

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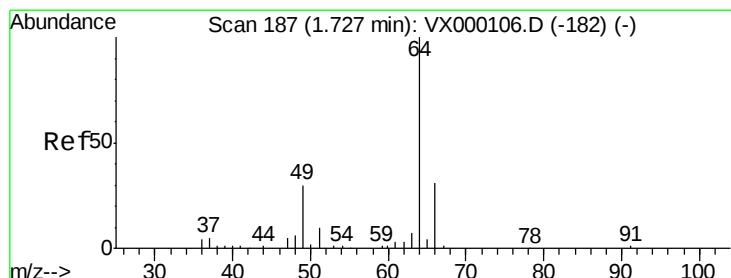
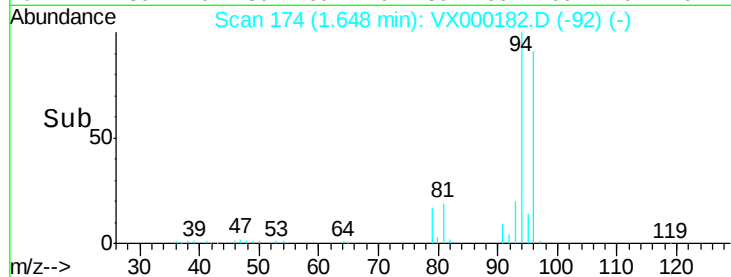
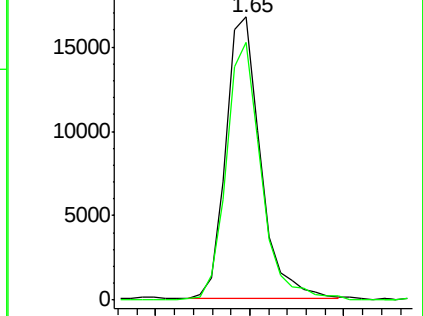
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 15.06 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000182.D

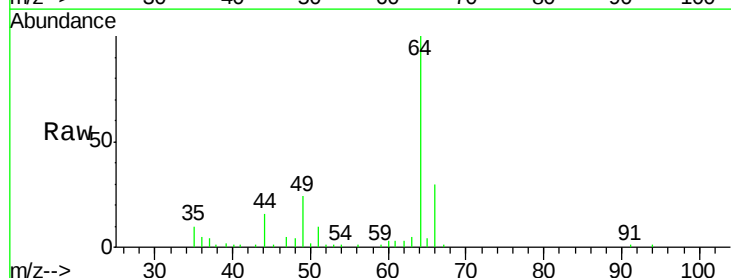
Acq: 01 Mar 2018 13:53

Tgt Ion: 64 Resp: 16300

Ion Ratio Lower Upper

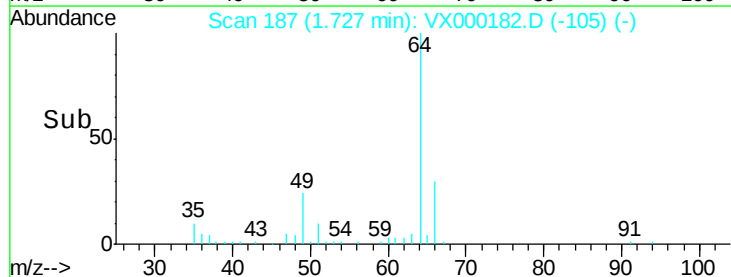
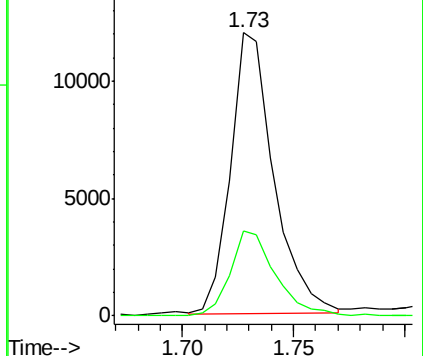
64 100

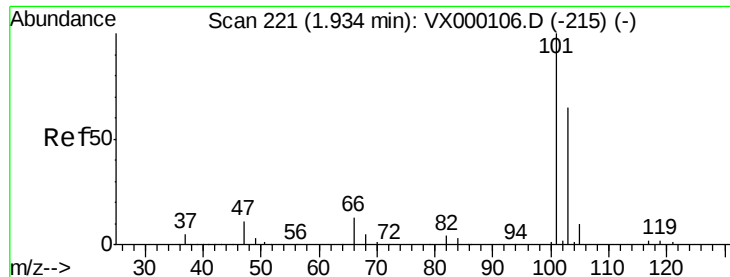
66 30.3 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

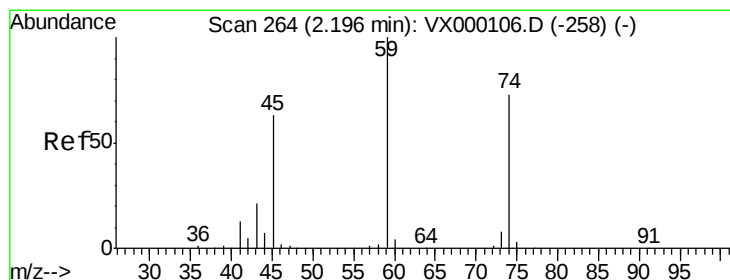
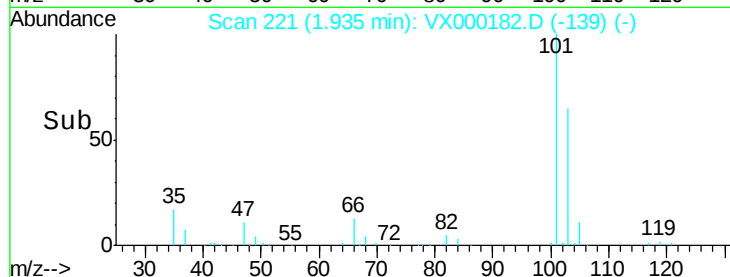
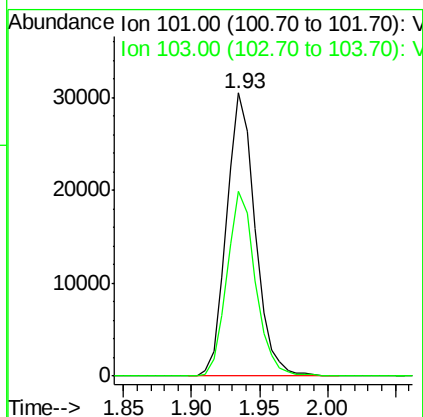
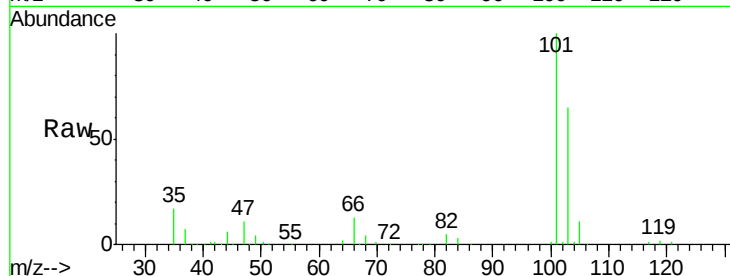
Trichlorofluoromethane
Concen: 15.25 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion:101 Resp: 44673
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

Manual Integrations
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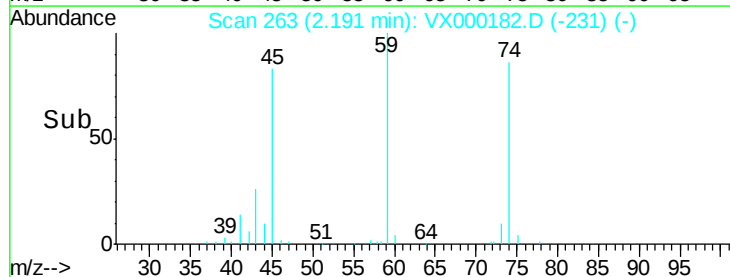
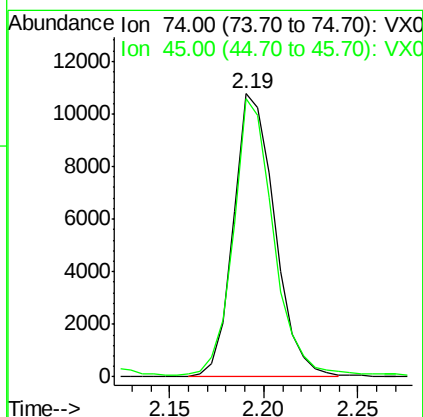
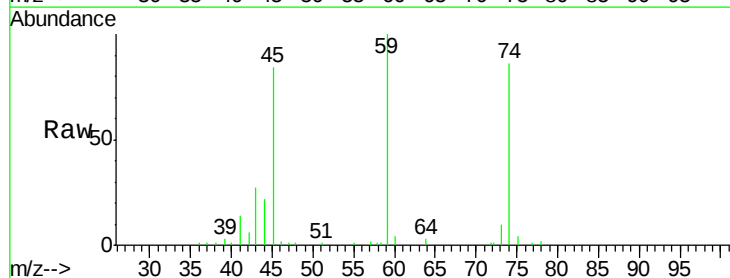
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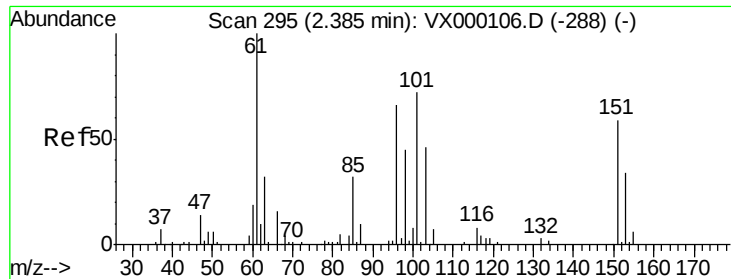


#8

Diethyl Ether
Concen: 15.96 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion: 74 Resp: 16330
Ion Ratio Lower Upper
74 100
45 95.7 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.64 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

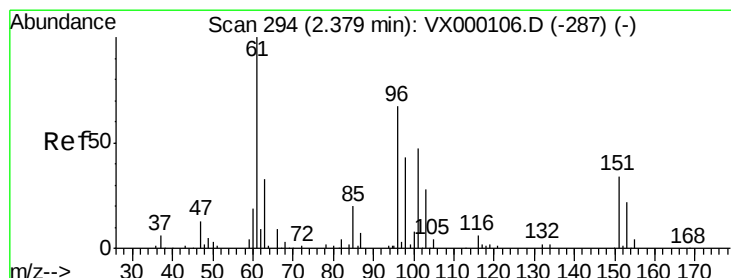
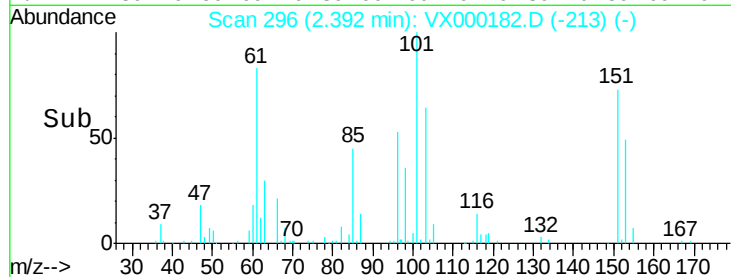
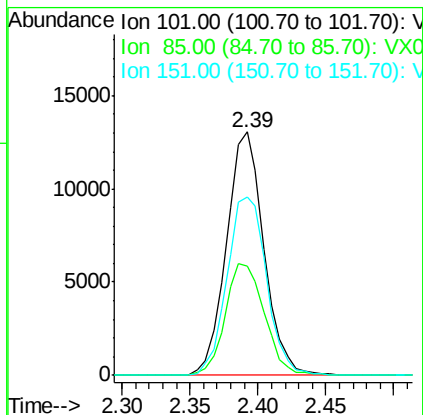
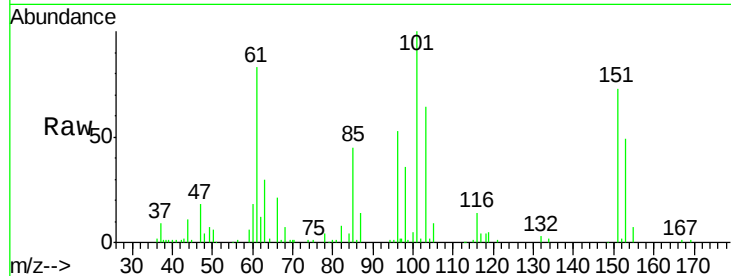
ClientSampleId :

VX0301WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	25001		
85	48.2	0.0	90.4	
151	77.6	0.0	167.6	

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 14.11 ug/l

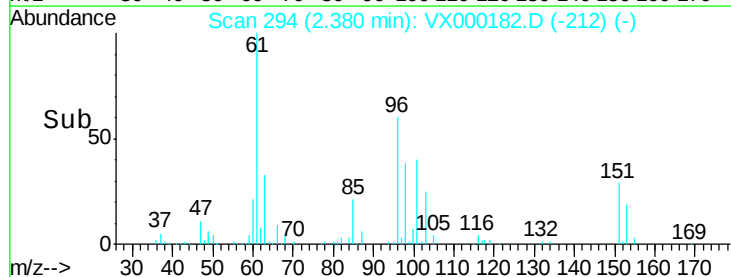
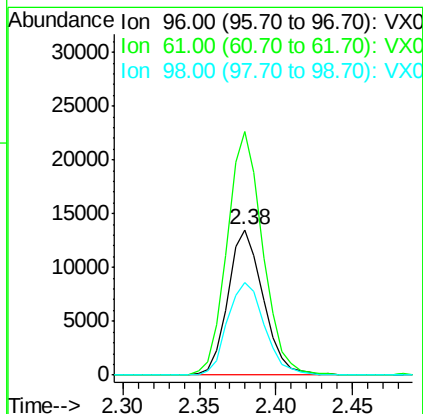
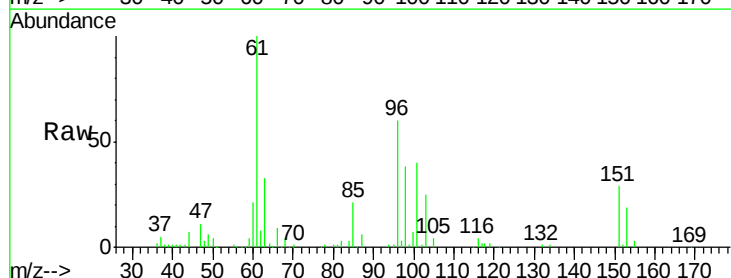
RT: 2.38 min Scan# 294

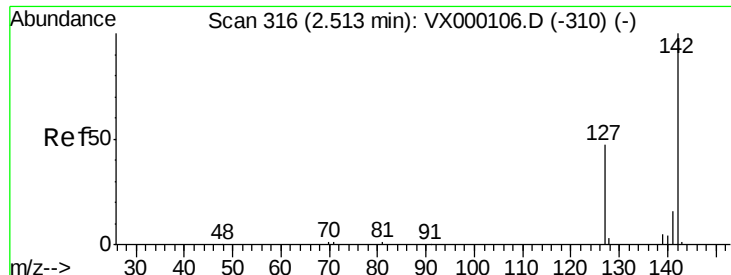
Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	21546		
61	167.3	118.6	178.0	
98	63.9	51.0	76.6	





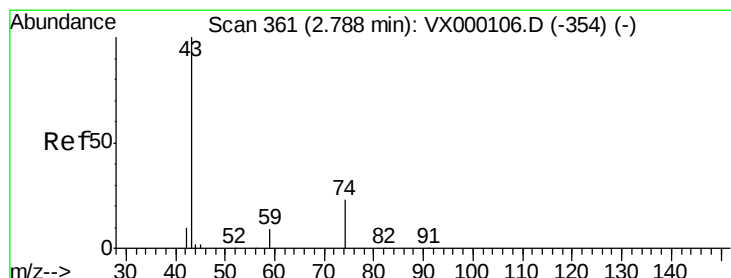
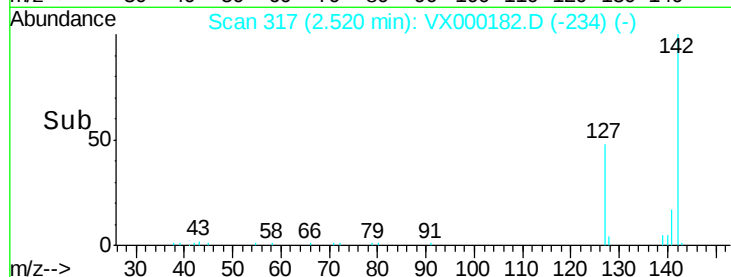
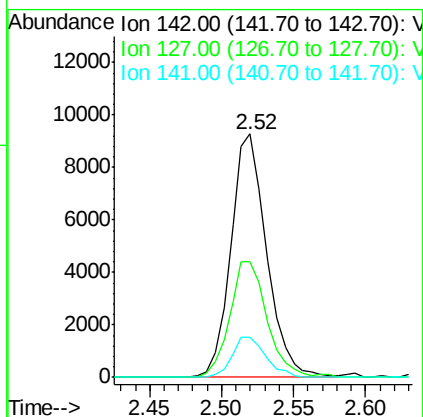
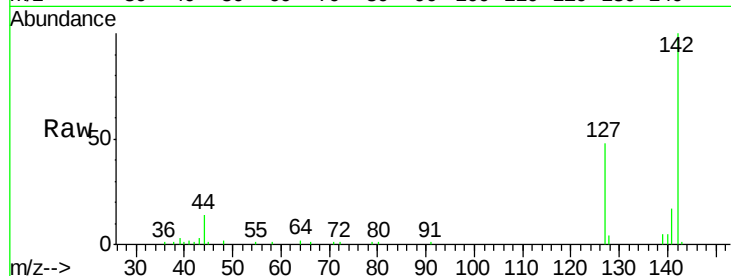
#11
Methyl Iodide
Concen: 10.86 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.8	23.8	71.5
141	16.8	8.2	24.4

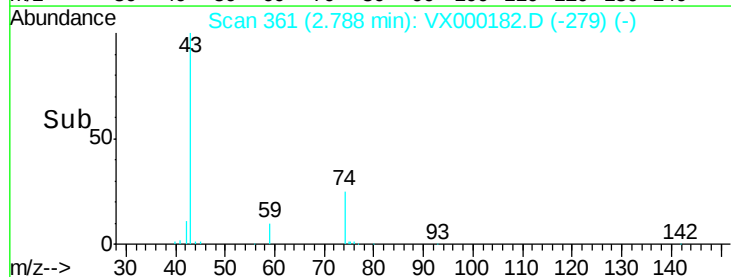
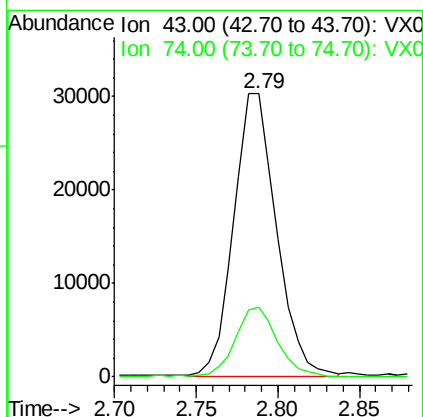
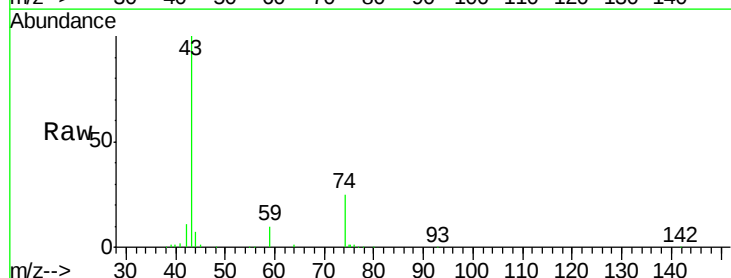
Manual Integrations
APPROVED

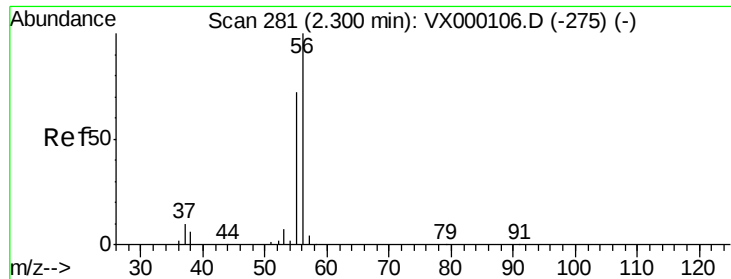
apatel
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#12
Methyl Acetate
Concen: 20.24 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.6	27.8





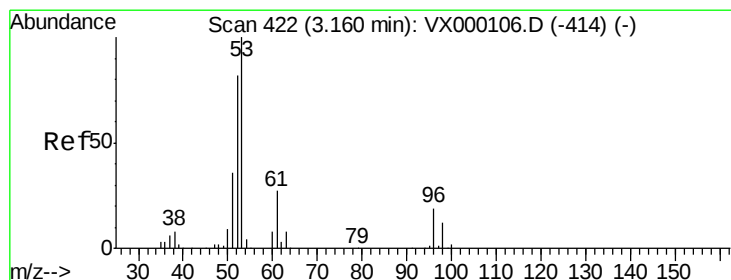
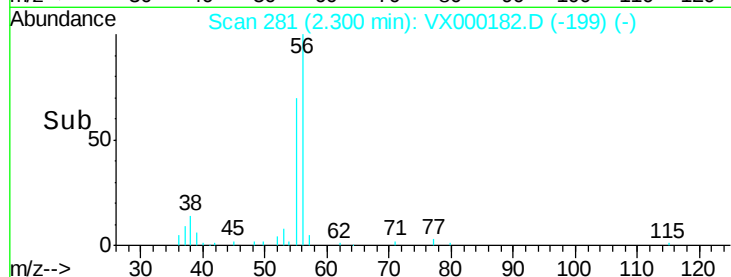
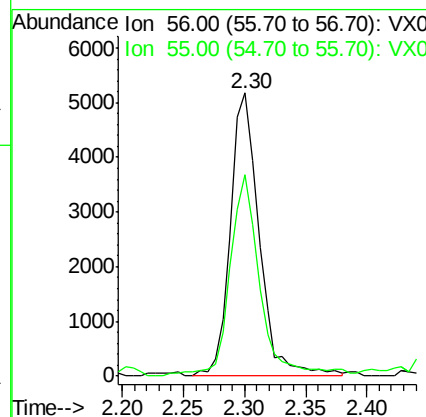
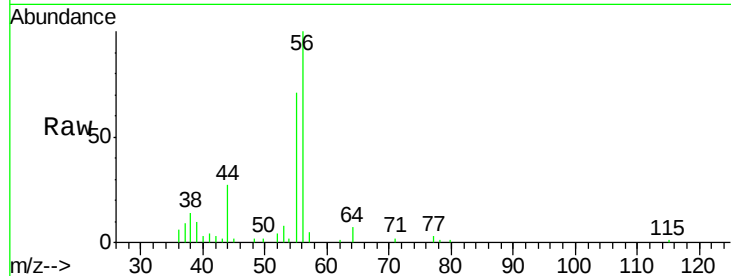
#13
Acrolein
Concen: 25.73 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	56	55	Ratio	Lower	Upper
8447	100	73.0		57.3	85.9

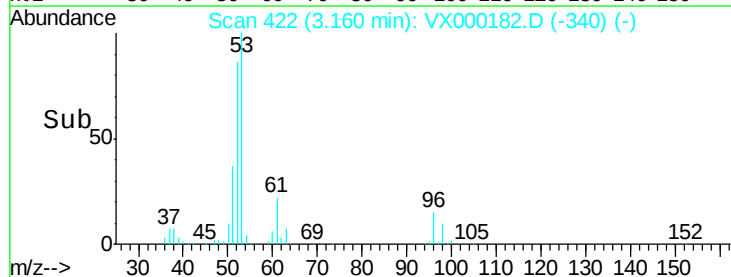
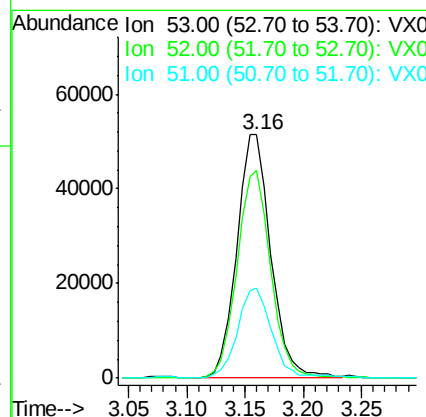
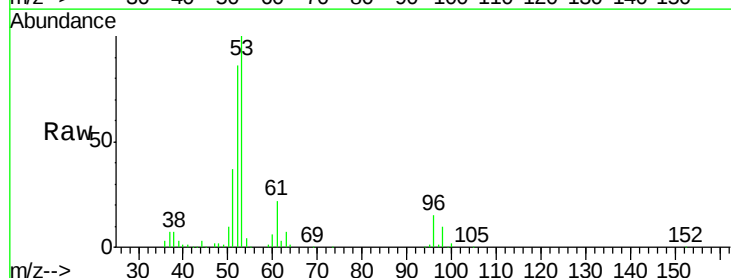
Manual Integrations
APPROVED

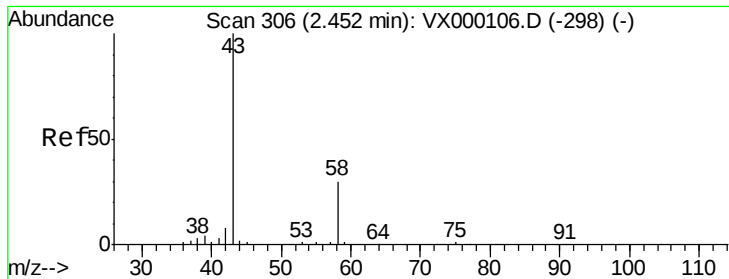
apatel
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#14
Acrylonitrile
Concen: 88.87 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	53	52	51	Ratio	Lower	Upper
105052	100	84.1	36.0		41.9	125.8
					18.8	56.3





#15

Acetone

Concen: 96.38 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 58 Resp: 37146

Ion Ratio Lower Upper

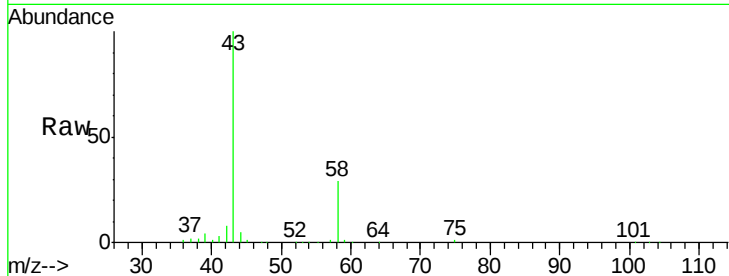
58 100

43 344.1 264.6 396.8

Manual Integrations
APPROVED

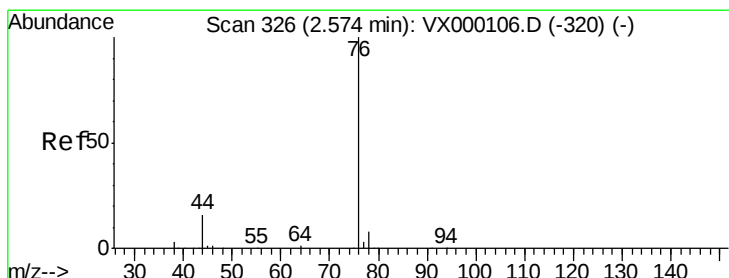
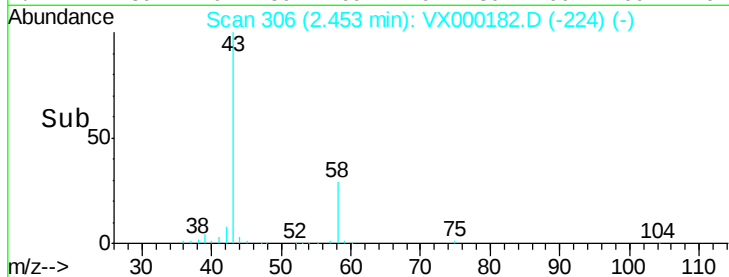
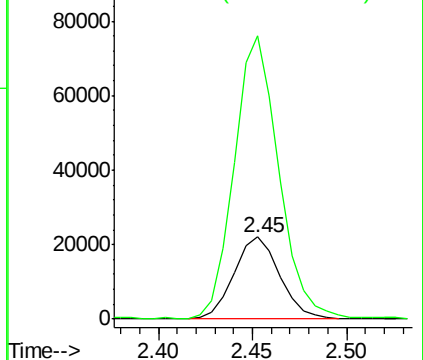
apatel

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 10.32 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000182.D

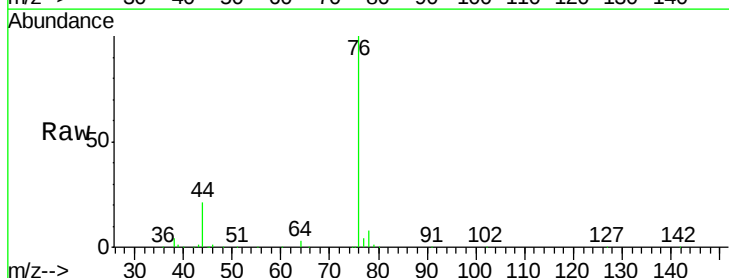
Acq: 01 Mar 2018 13:53

Tgt Ion: 76 Resp: 45062

Ion Ratio Lower Upper

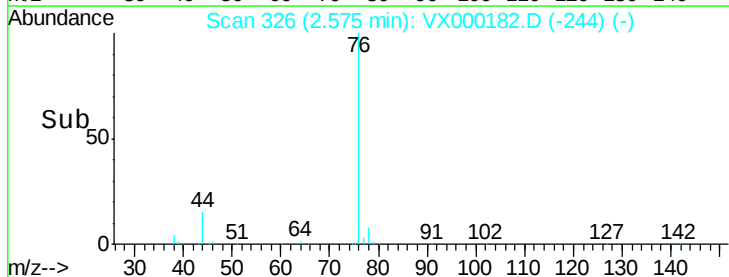
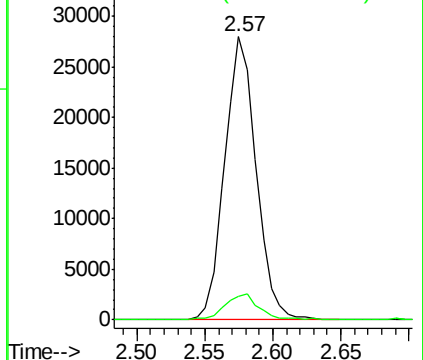
76 100

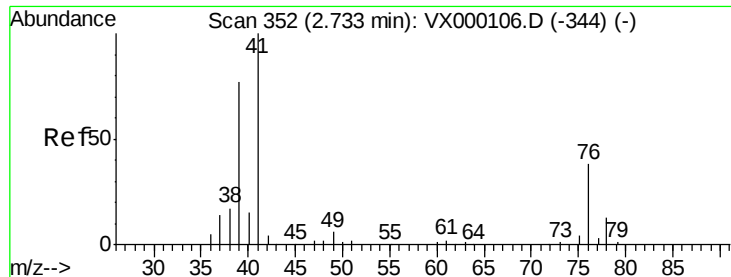
78 8.0 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





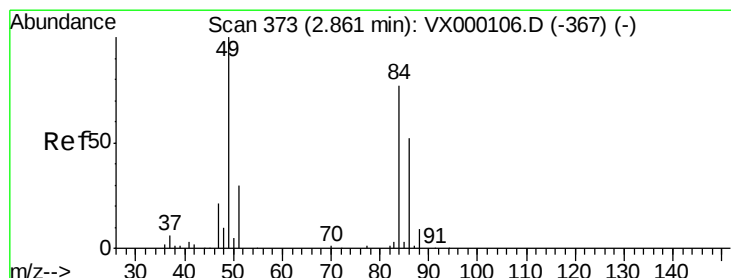
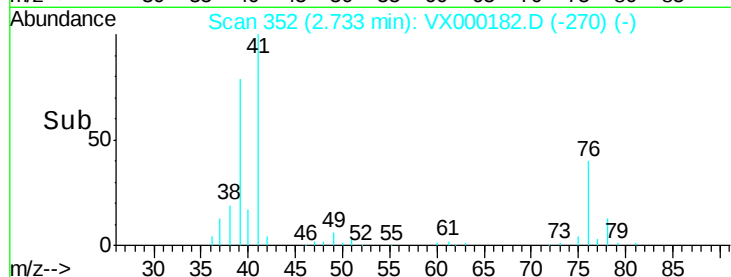
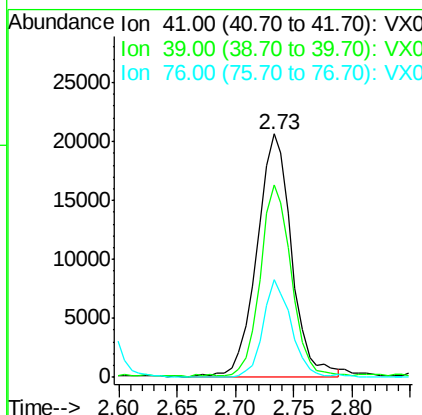
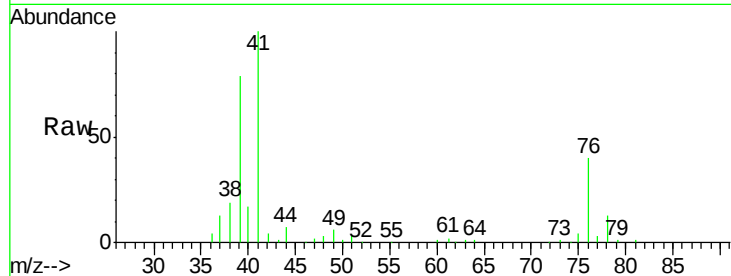
#17
Allvl chloride
Concen: 16.27 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	79.1	38.5	115.5
76	40.0	18.7	56.1

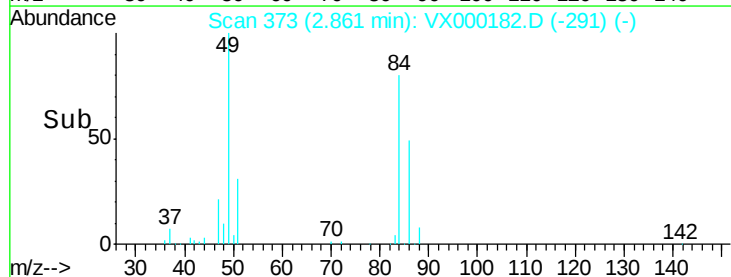
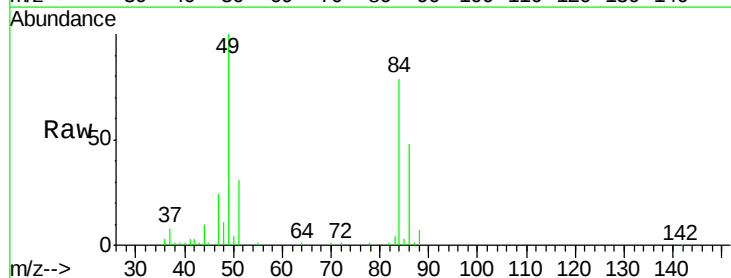
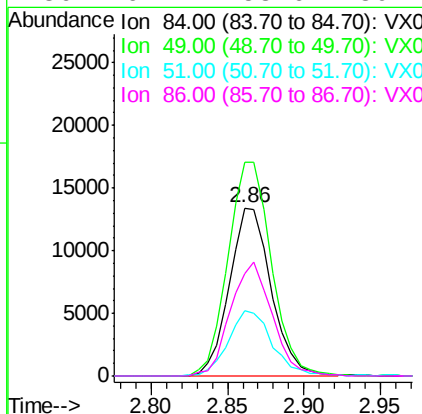
Manual Integrations
APPROVED

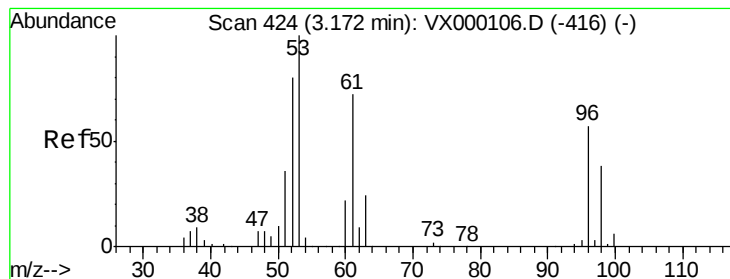
apatel
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#18
Methylene Chloride
Concen: 15.29 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.7	103.3	154.9
51	38.5	31.2	46.8
86	61.1	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 13.90 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 96 Resp: 23096

Ion Ratio Lower Upper

96 100

61 139.1 101.0 151.6

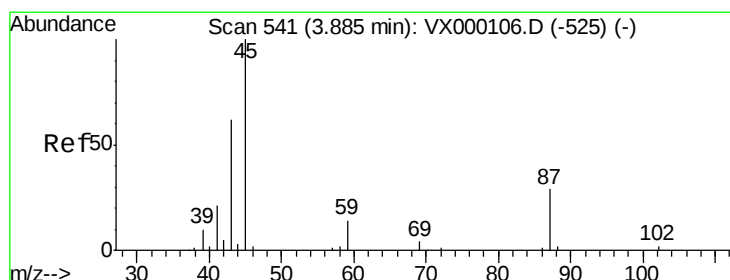
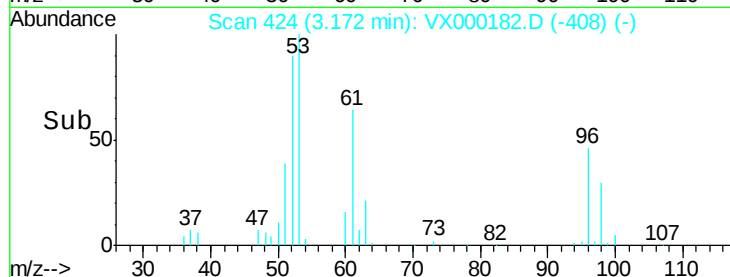
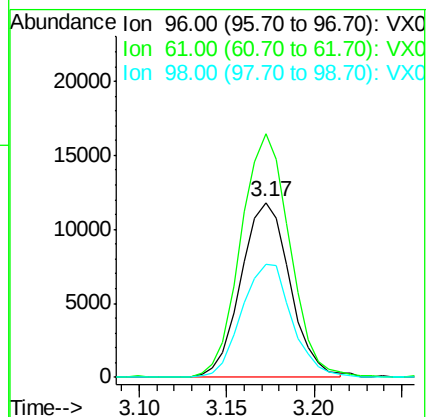
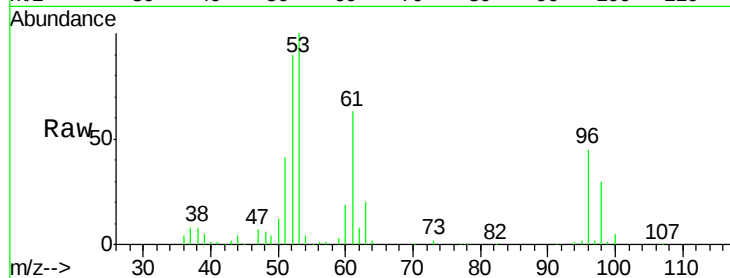
98 65.0 53.3 79.9

Manual Integrations

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#20

Diisopropyl ether

Concen: 15.98 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion: 45 Resp: 65689

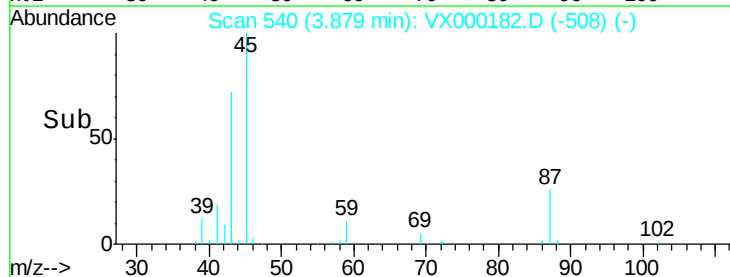
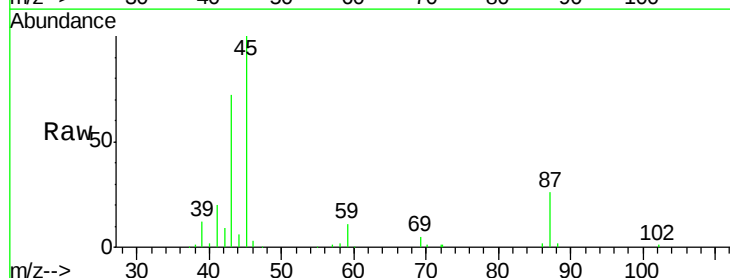
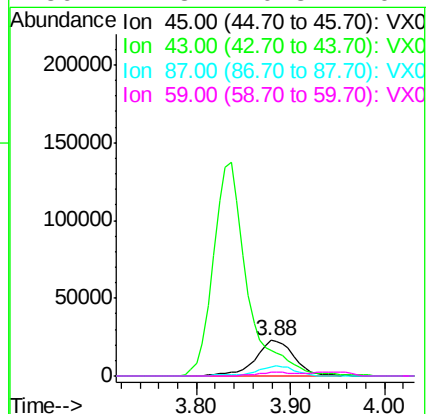
Ion Ratio Lower Upper

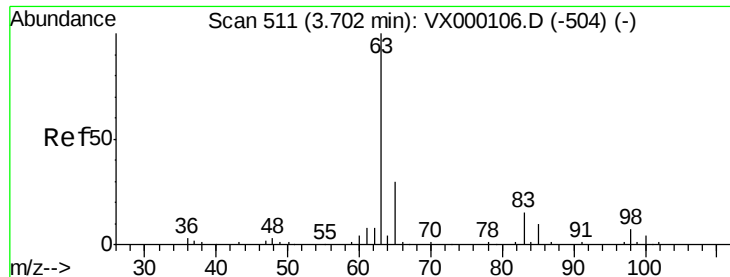
45 100

43 68.2 49.6 74.4

87 26.5 23.1 34.7

59 11.3 10.8 16.2





#21

1,1-Dichloroethane

Concen: 17.32 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

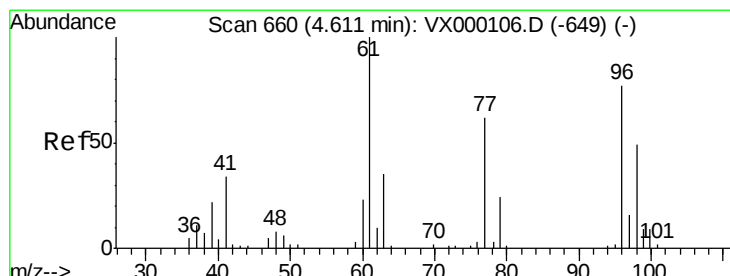
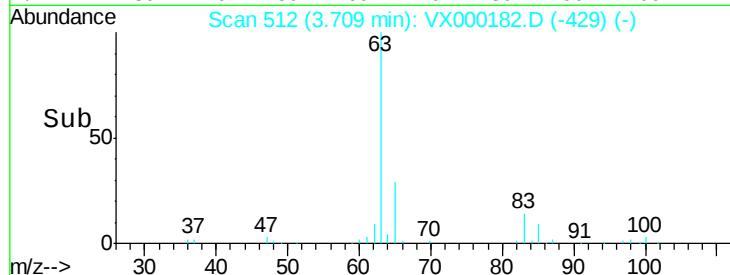
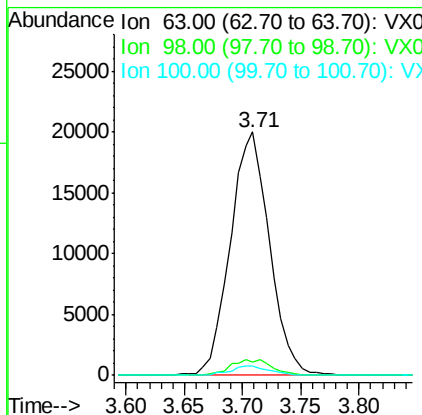
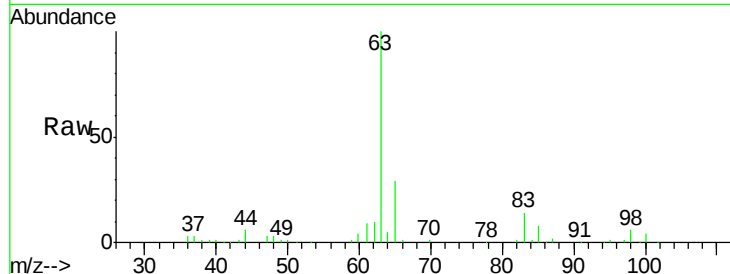
ClientSampled :

VX0301WBSD02

Tot Ion:	63	Resp:	46913
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.3	9.9
100	3.6	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 15.87 ug/l

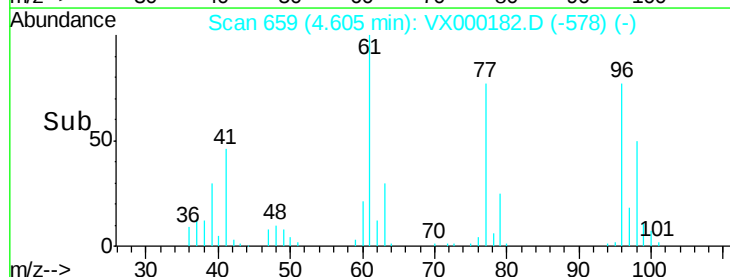
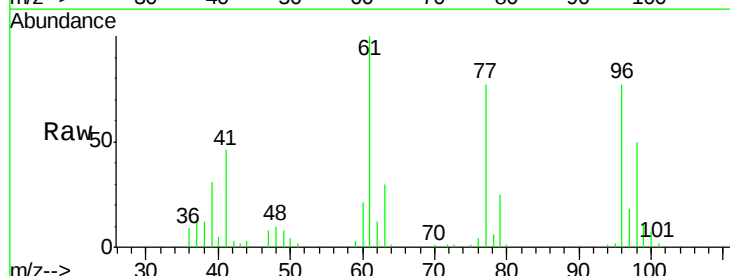
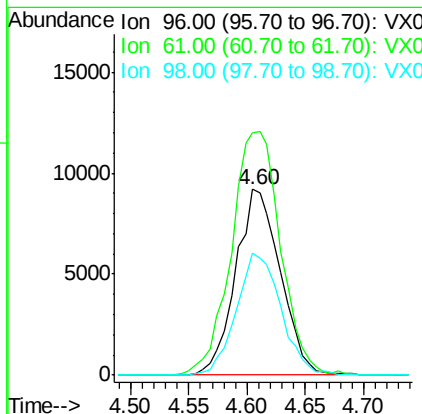
RT: 4.60 min Scan# 659

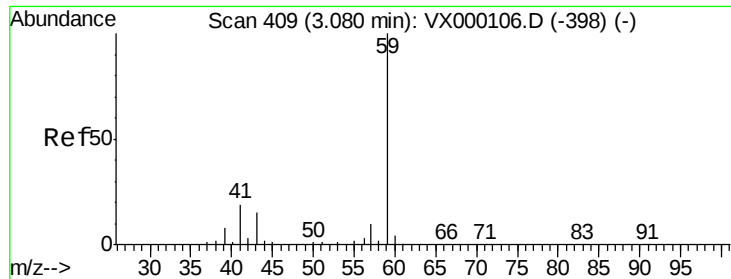
Delta R.T. -0.01 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion:	96	Resp:	24487
Ion	Ratio	Lower	Upper
96	100		
61	144.1	113.5	170.3
98	65.0	51.8	77.8





#23

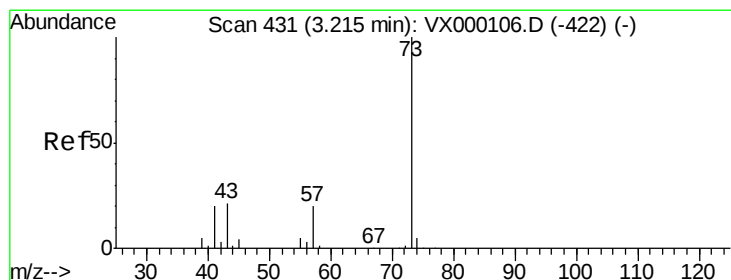
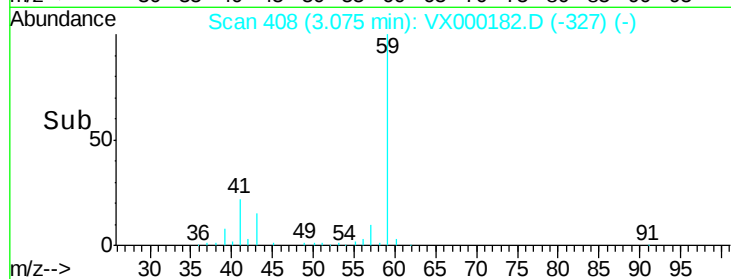
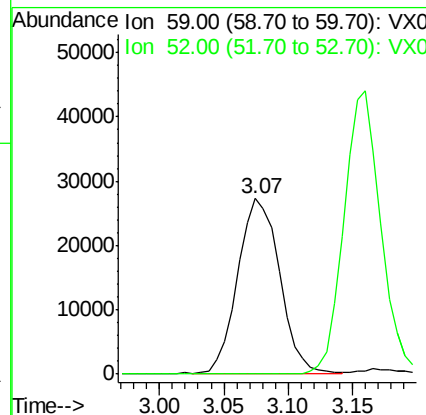
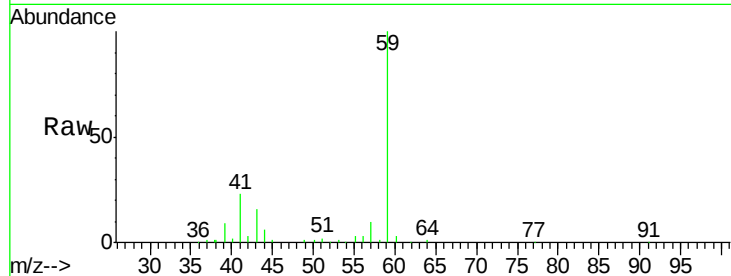
tert-Butyl Alcohol
 Concen: 91.86 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion: 59 Resp: 62069
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

Manual Integrations
 APPROVED

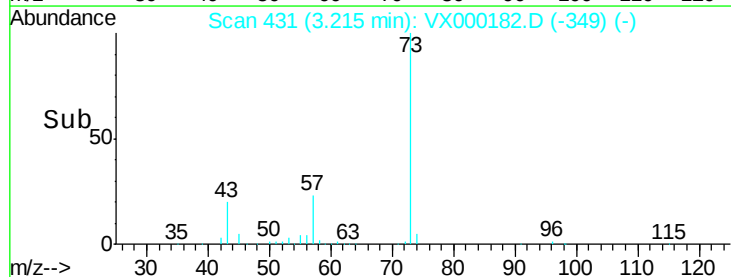
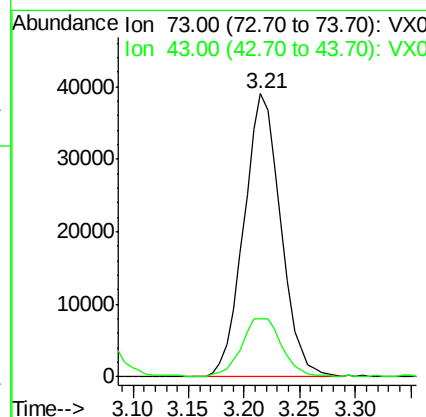
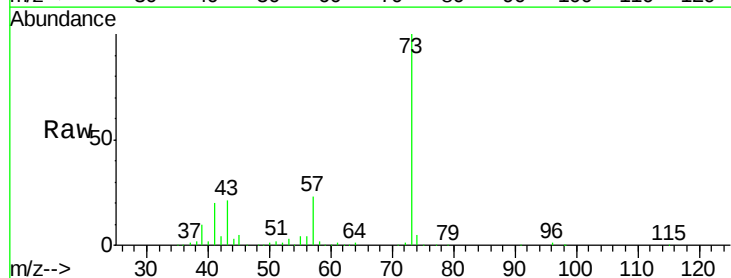
apatel
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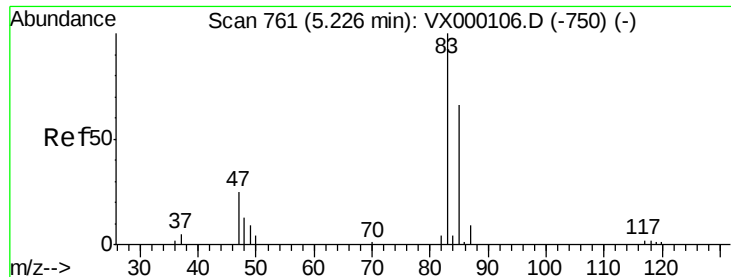


#24

Methyl tert-Butyl Ether
 Concen: 17.16 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion: 73 Resp: 90291
 Ion Ratio Lower Upper
 73 100
 43 21.8 16.5 24.7





#25

Chloroform

Concen: 16.03 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 83 Resp: 43064

Ion Ratio Lower Upper

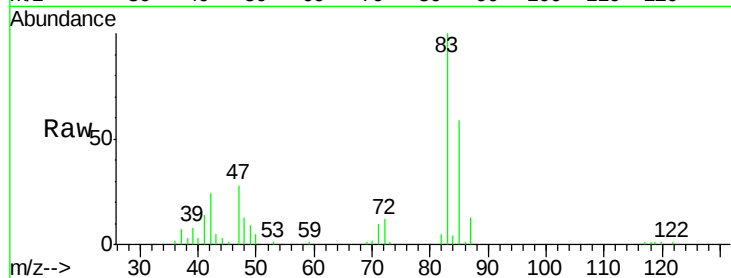
83 100

85 59.5 52.5 78.7

Manual Integrations
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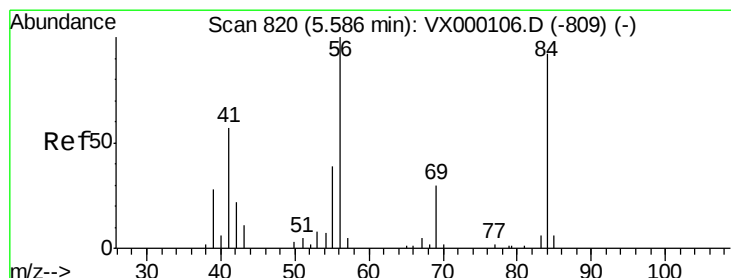
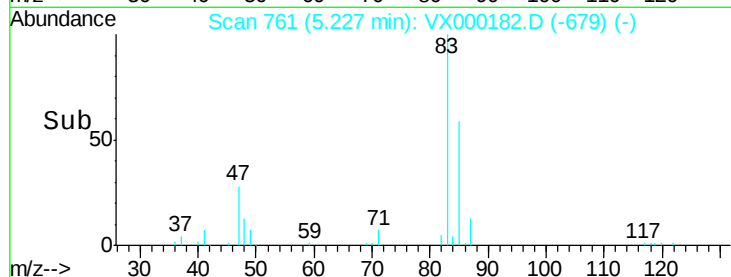
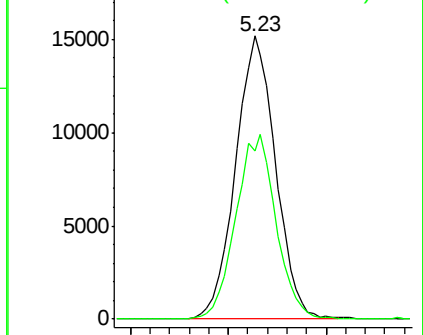
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 14.29 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

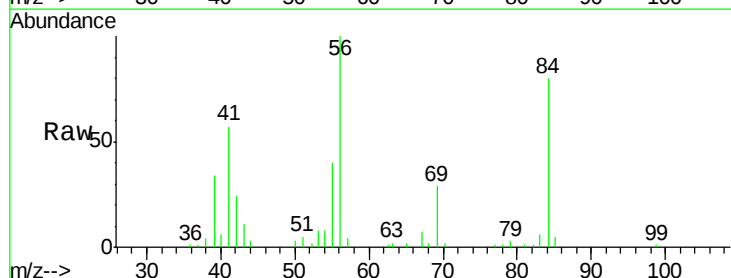
Tgt Ion: 56 Resp: 30351

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

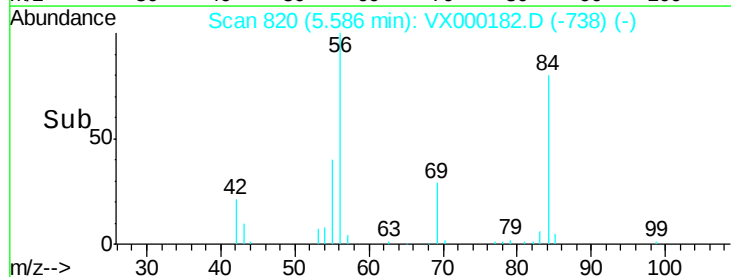
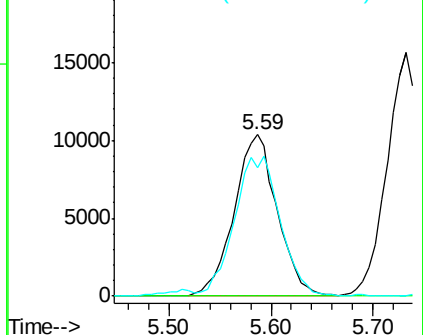
84 48.1 74.8 112.2#

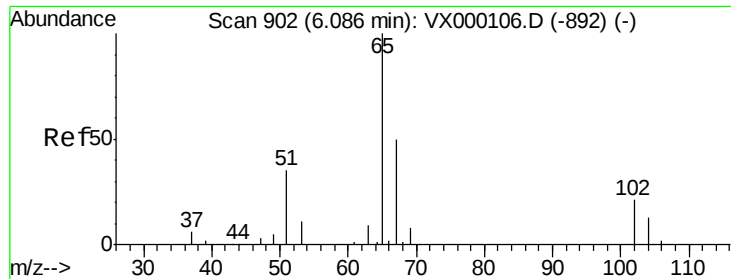


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





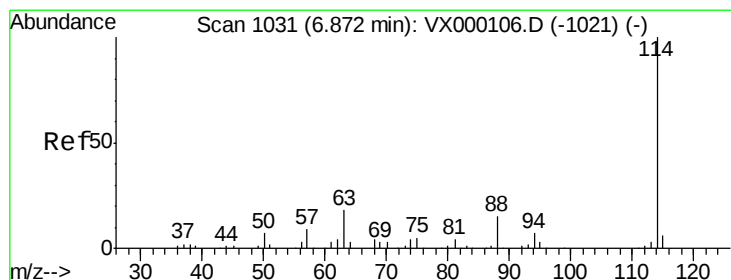
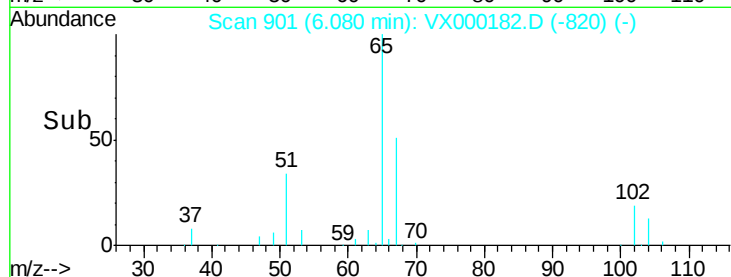
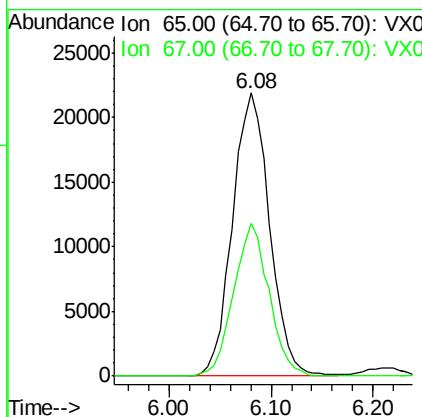
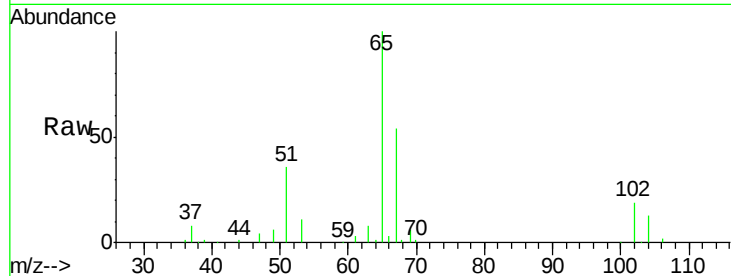
#27
 1,2-Dichloroethane-d4
 Concen: 31.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion: 65 Resp: 55232
 Ion Ratio Lower Upper
 65 100
 67 51.2 41.4 62.2

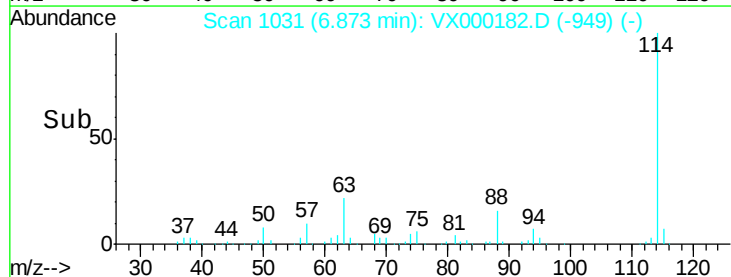
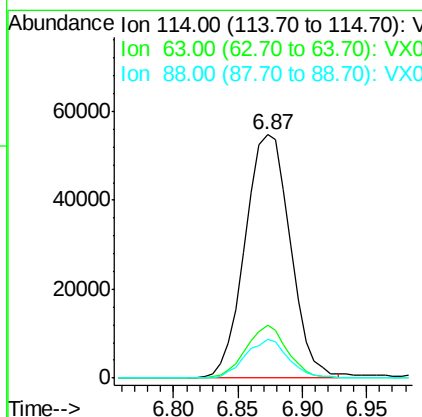
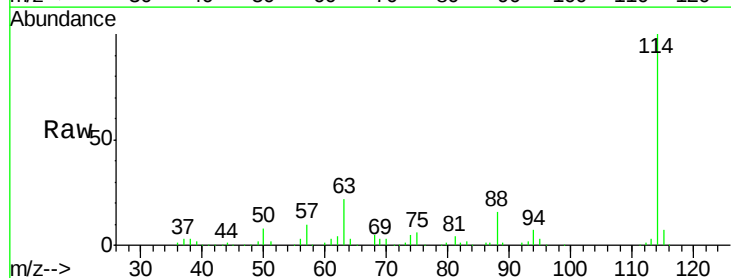
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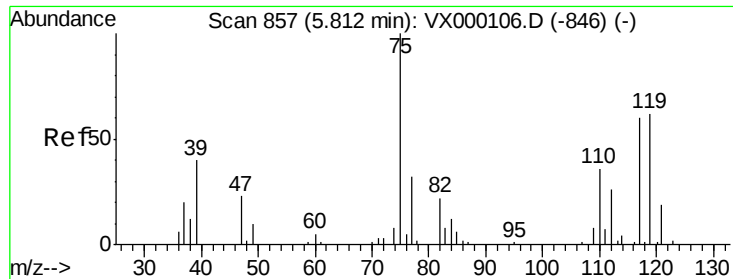
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion: 114 Resp: 133477
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.0 22.4
 88 15.2 11.8 17.8





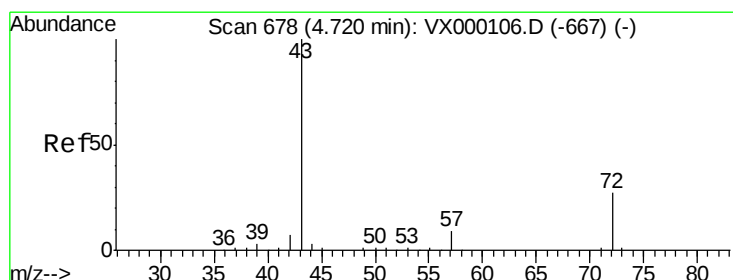
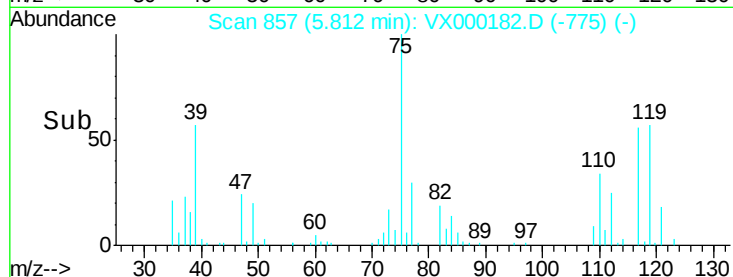
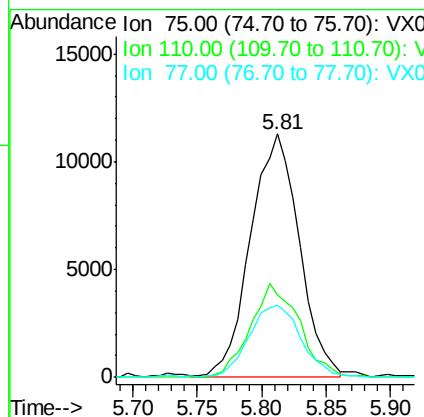
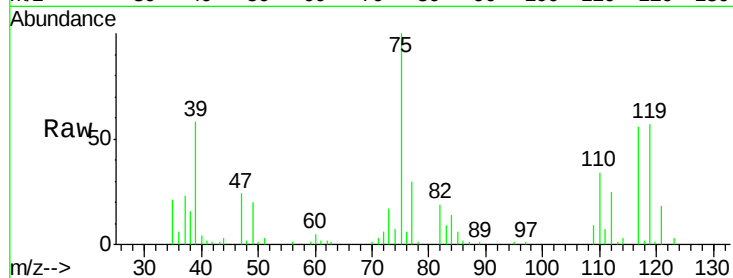
#29
 1,1-Dichloropropene
 Concen: 15.26 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	38.4	0.0	75.6
77	31.7	0.0	62.6

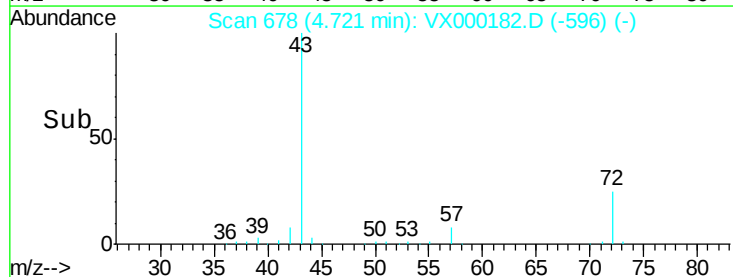
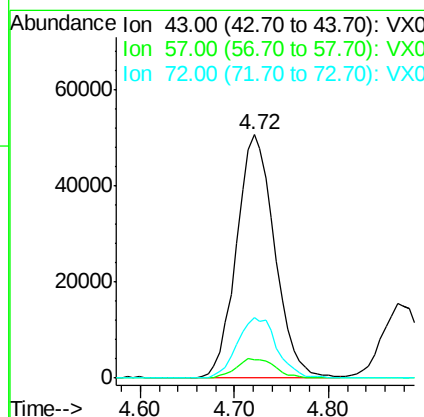
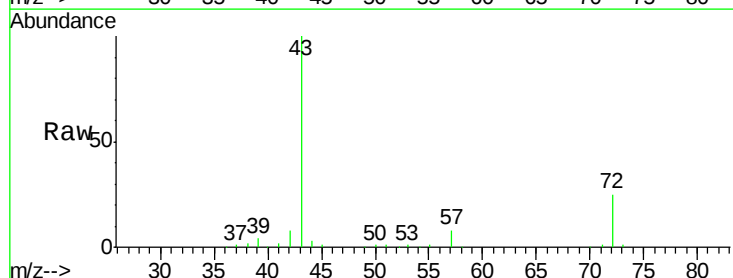
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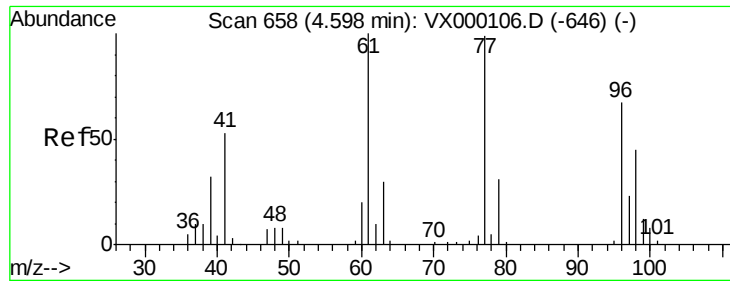
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#30
 2-Butanone
 Concen: 94.91 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.6	10.0
72	26.2	21.8	32.6





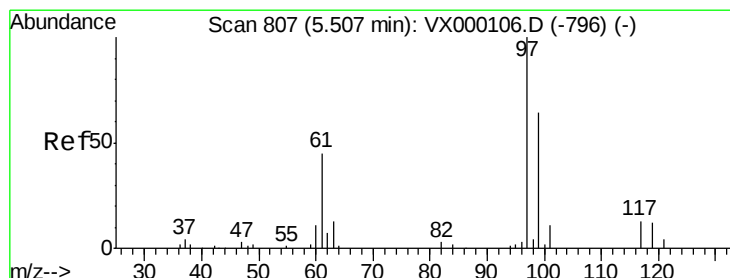
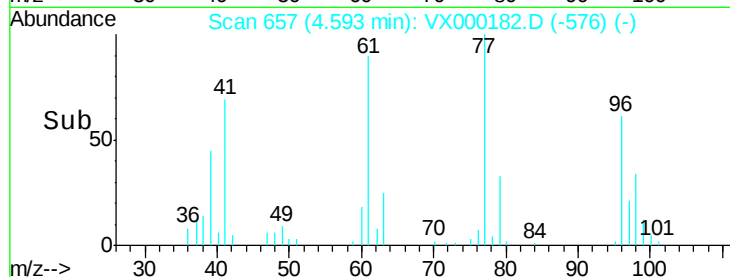
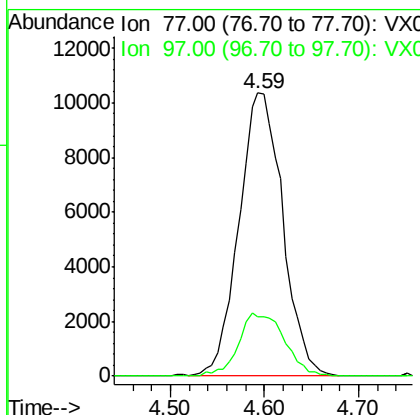
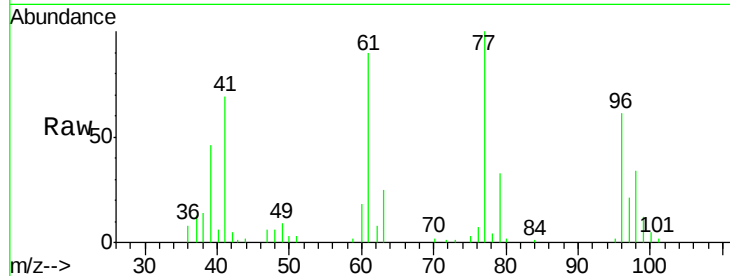
#31
 2,2-Dichloropropane
 Concen: 16.07 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion: 77 Resp: 33591
 Ion Ratio Lower Upper
 77 100
 97 10.9 18.6 27.8#

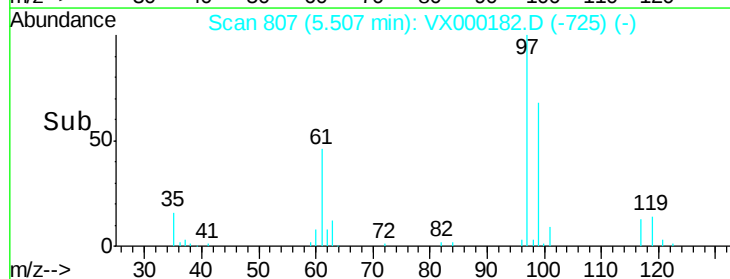
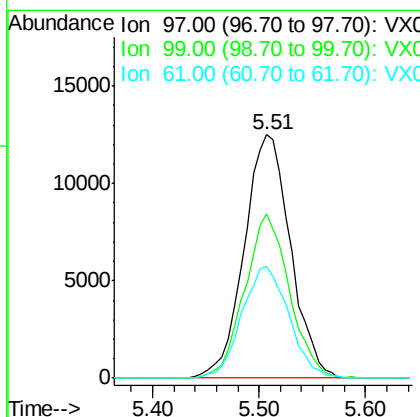
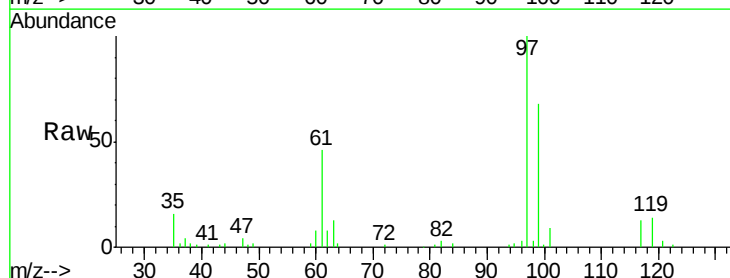
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#32
 1,1,1-Trichloroethane
 Concen: 16.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion: 97 Resp: 38011
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.3 78.5
 61 46.7 34.3 51.5





#33

Carbon Tetrachloride

Concen: 14.78 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

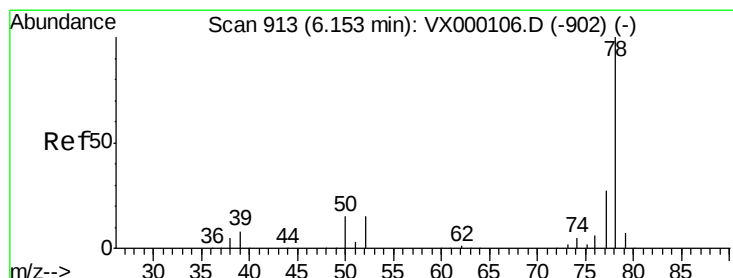
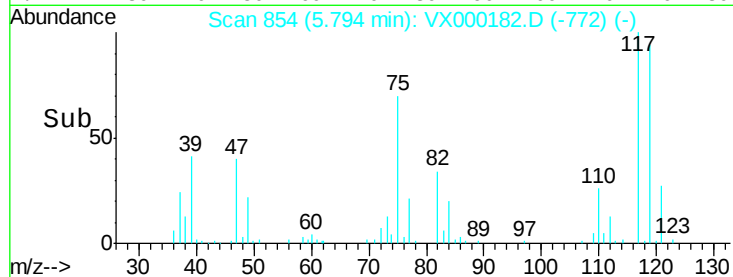
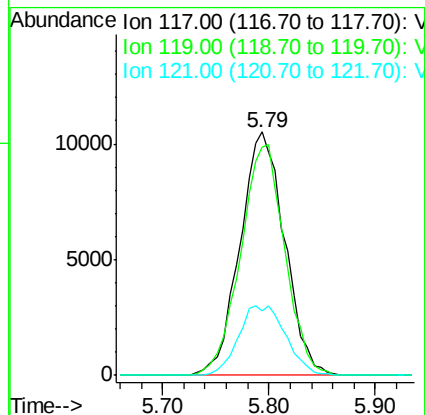
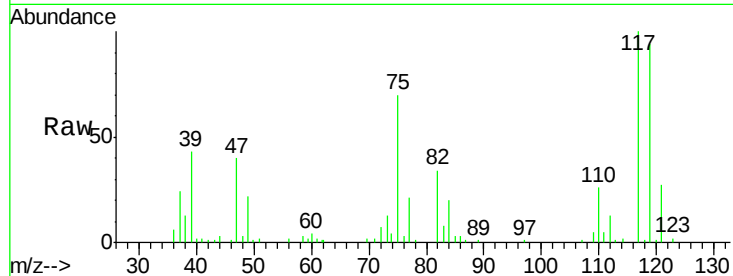
ClientSampled :

VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.5	110.3
121	26.6	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 15.78 ug/l

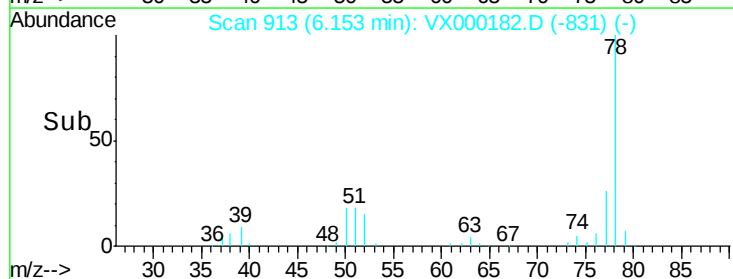
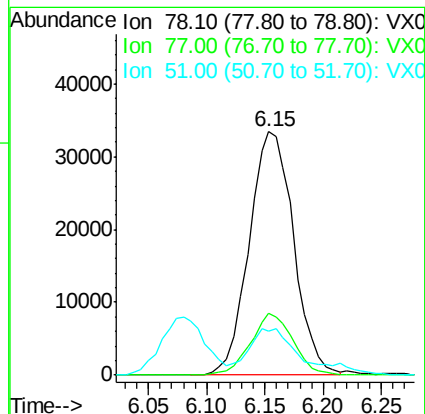
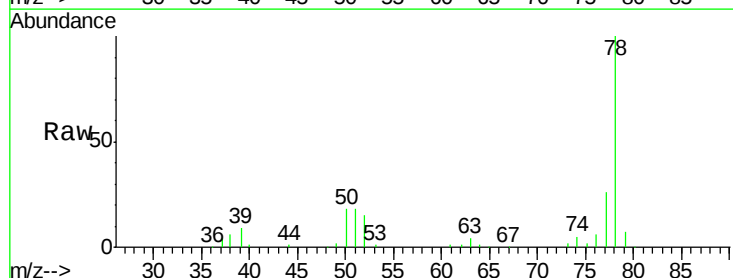
RT: 6.15 min Scan# 913

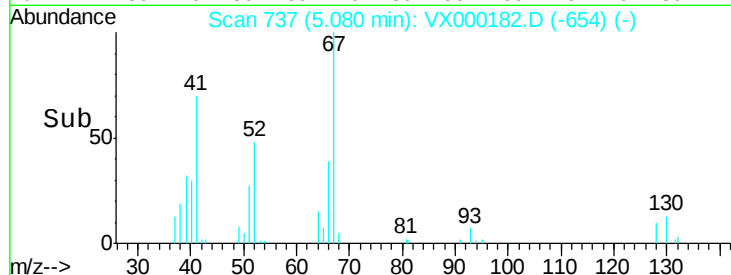
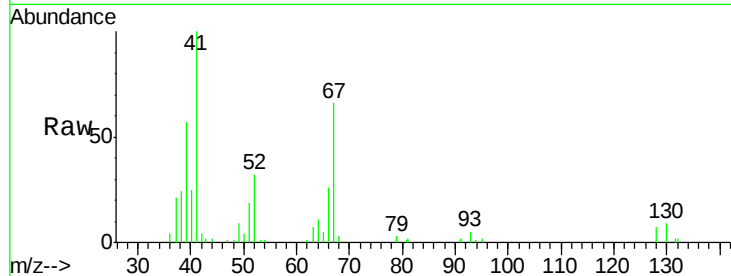
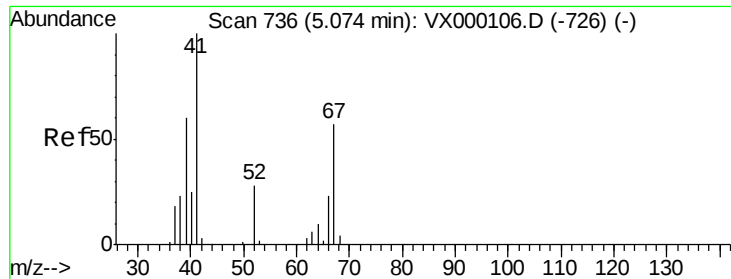
Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	21.7	32.5
51	13.5	14.9	22.3#





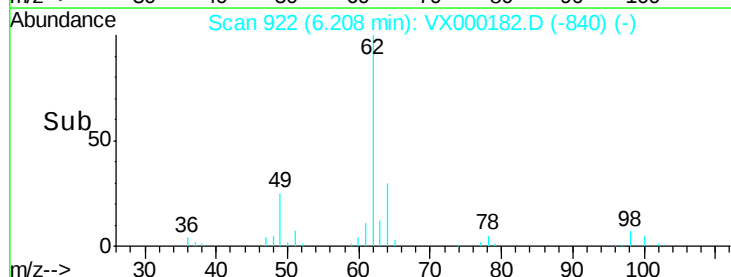
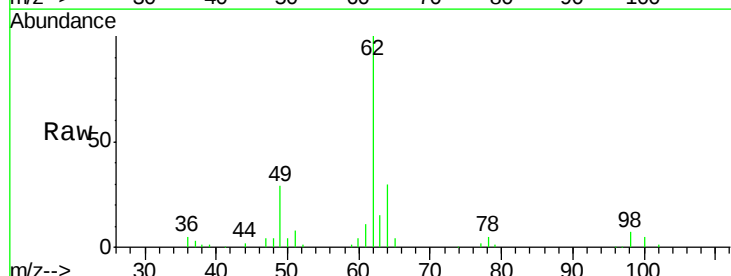
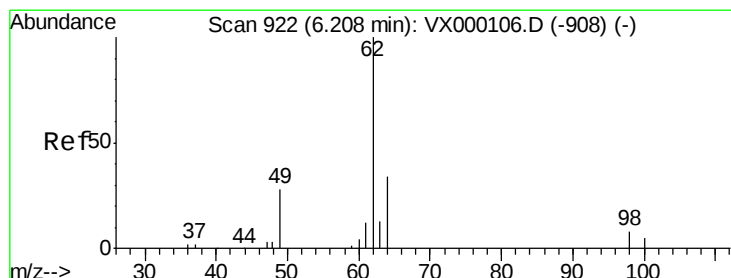
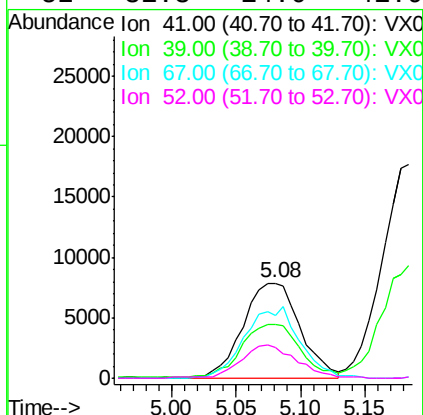
#35
Methacrylonitrile
Concen: 17.57 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tot Ion:	41	Resp:	24201
Ion Ratio	Lower	Upper	
41	100		
39	55.3	29.8	89.3
67	66.2	28.7	86.3
52	31.3	14.0	41.9

Instrument :
ClientSampled :
VX0301WBSD02

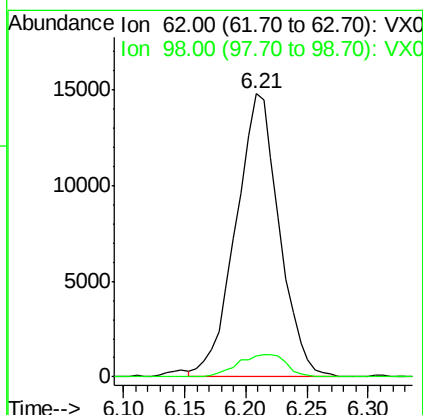
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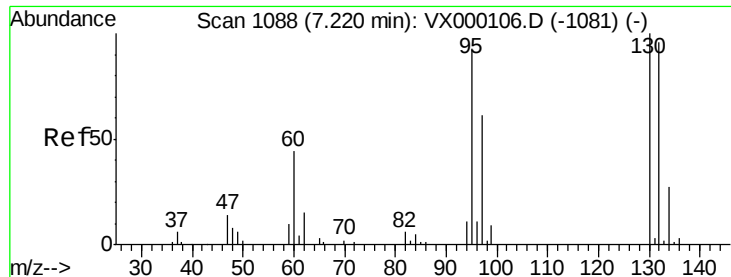
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#36
1,2-Dichloroethane
Concen: 17.27 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion:	62	Resp:	36640
Ion Ratio	Lower	Upper	
62	100		
98	8.8	6.9	10.3





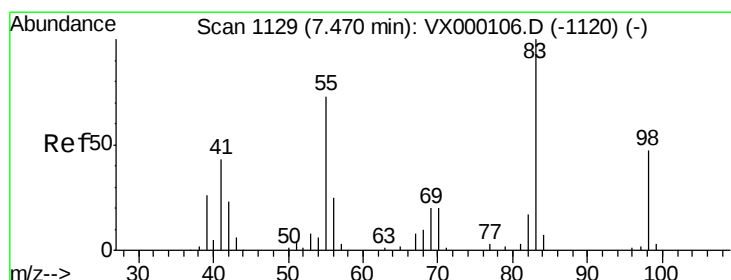
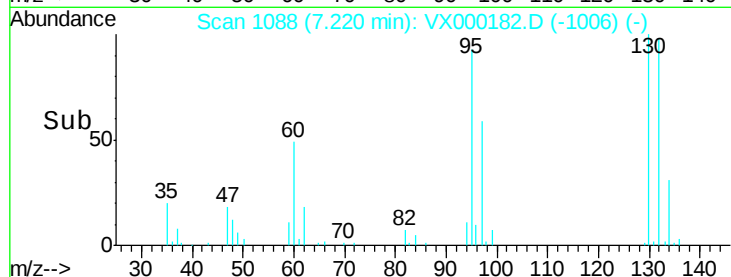
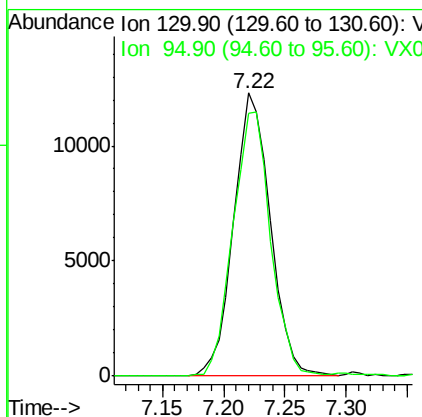
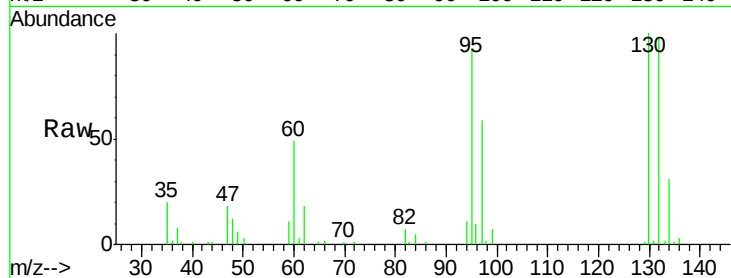
#37
 Trichloroethene
 Concen: 15.53 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion:130 Resp: 25669
 Ion Ratio Lower Upper
 130 100
 95 93.0 74.6 112.0

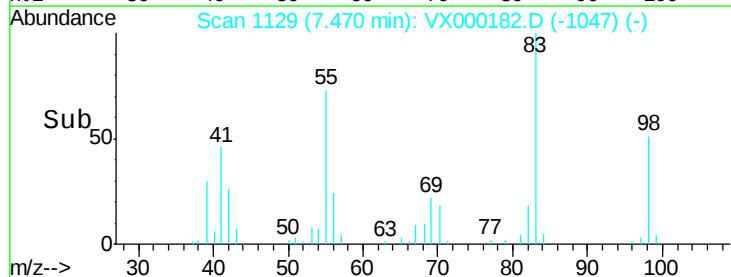
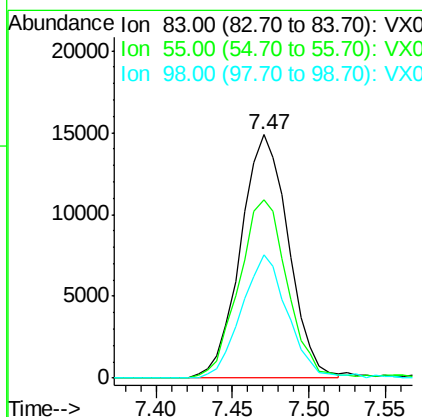
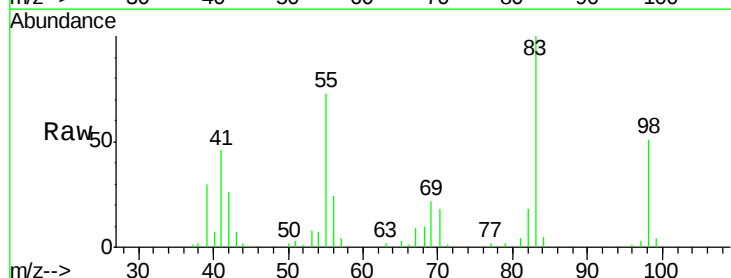
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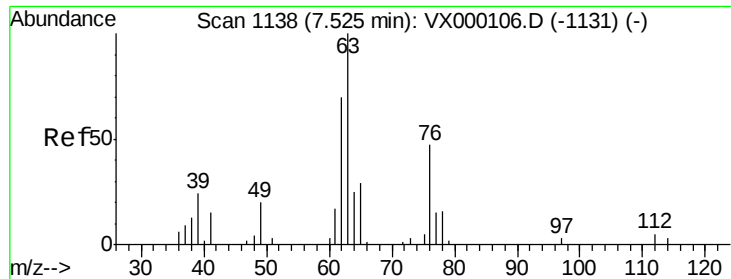
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#38
 Methylcyclohexane
 Concen: 13.89 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion: 83 Resp: 32366
 Ion Ratio Lower Upper
 83 100
 55 74.6 35.9 107.7
 98 48.5 24.6 74.0





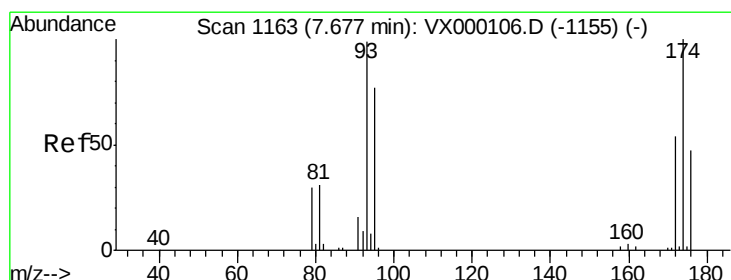
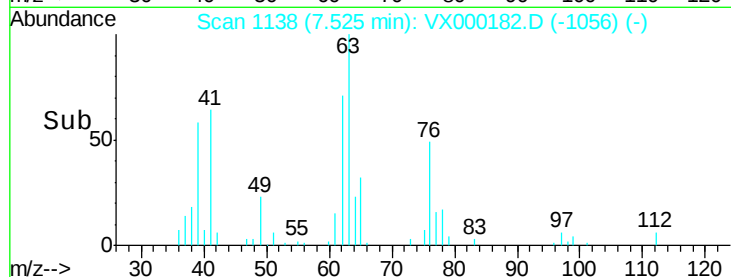
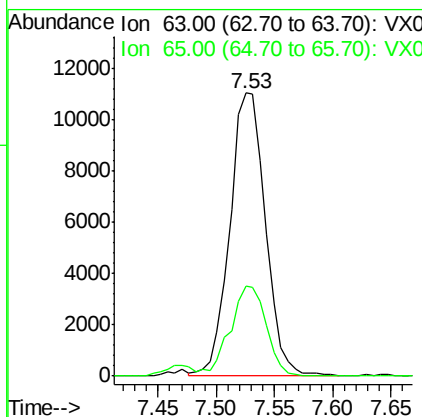
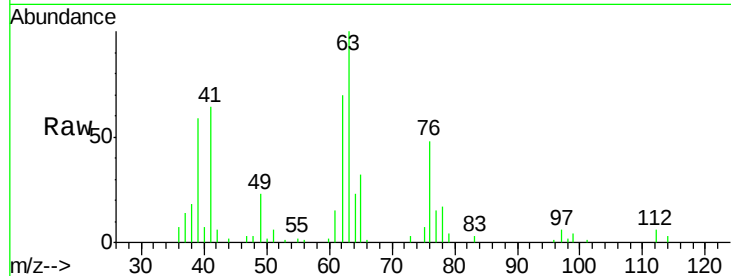
#39
 1,2-Dichloropropane
 Concen: 16.86 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.0	37.6

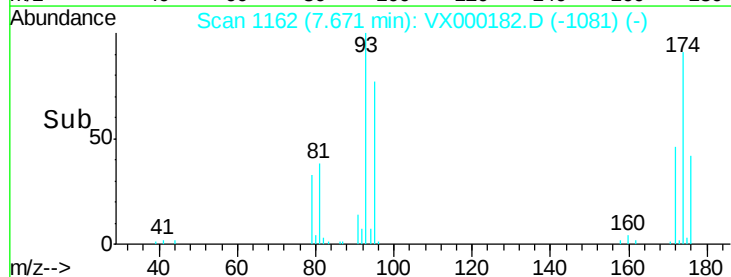
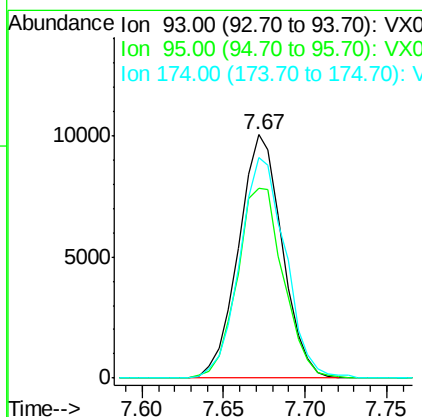
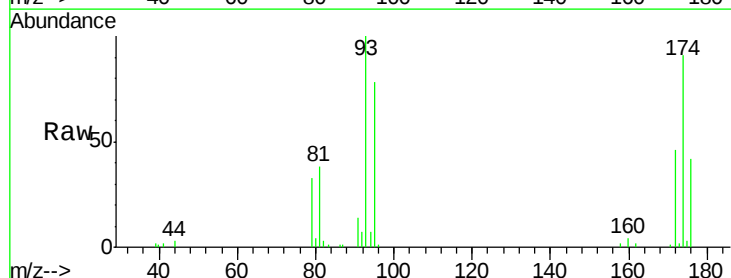
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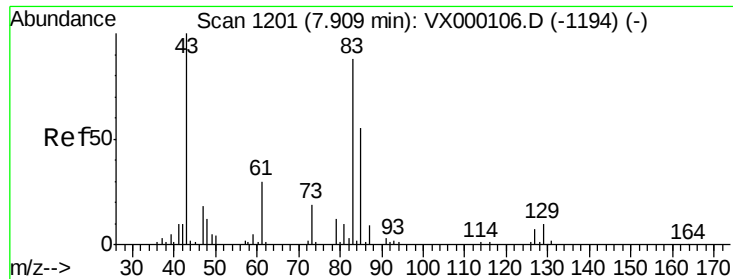
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#40
 Dibromomethane
 Concen: 17.41 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	0.0	170.6
174	94.5	0.0	210.4





#41

Bromodichloromethane

Concen: 16.16 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

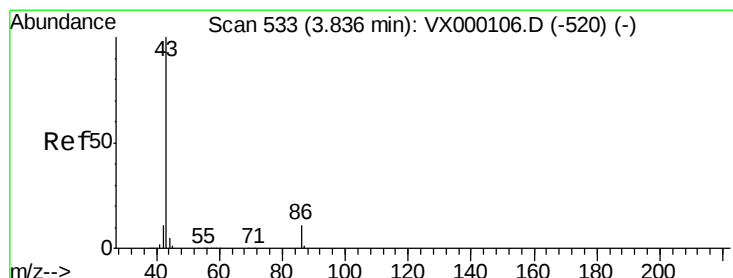
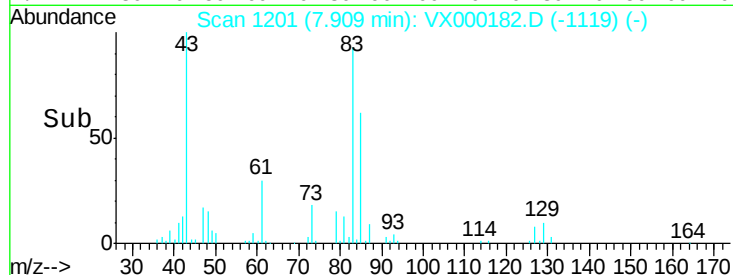
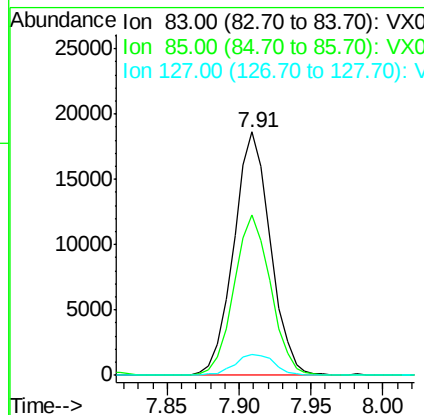
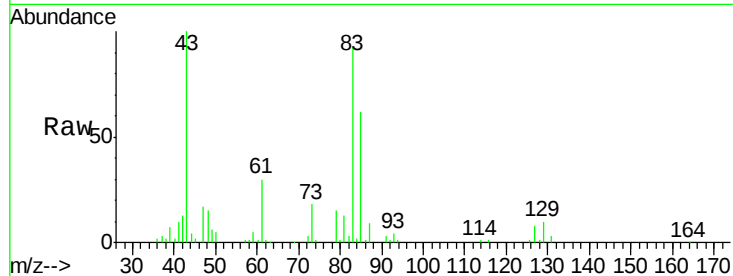
ClientSampled :

VX0301WBSD02

Tot Ion:	83	Resp:	33045
Ion Ratio	Lower	Upper	
83	100		
85	65.9	50.0	75.0
127	8.7	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 89.69 ug/l

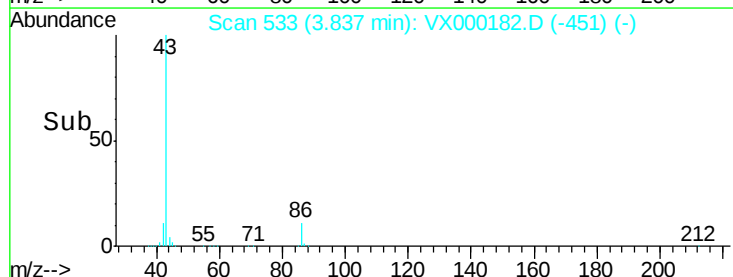
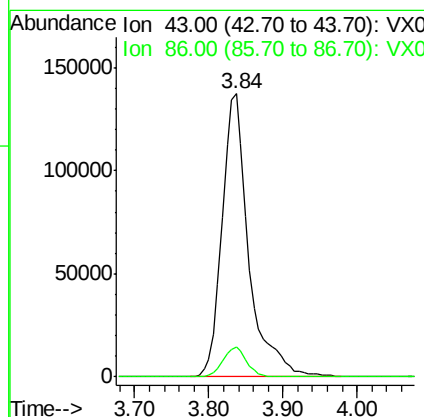
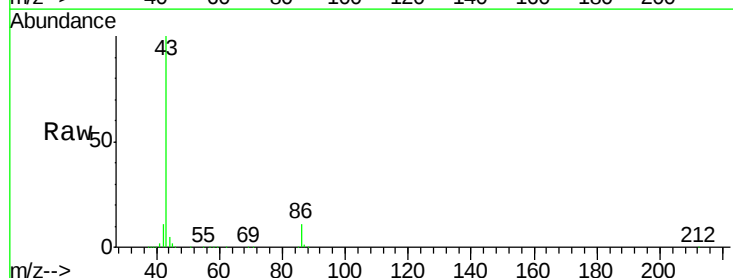
RT: 3.84 min Scan# 533

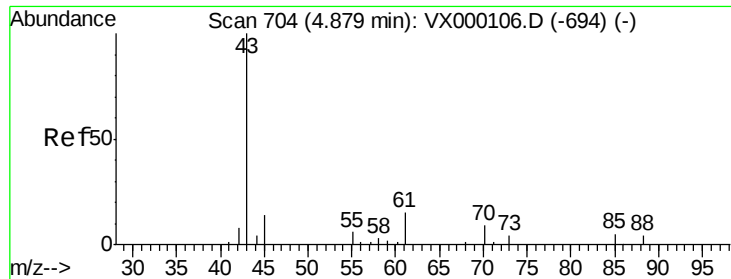
Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion:	43	Resp:	342062
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.8	11.6





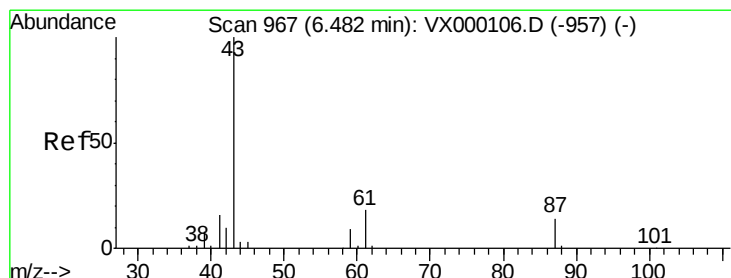
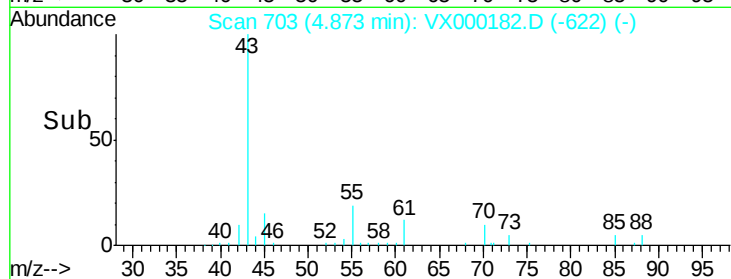
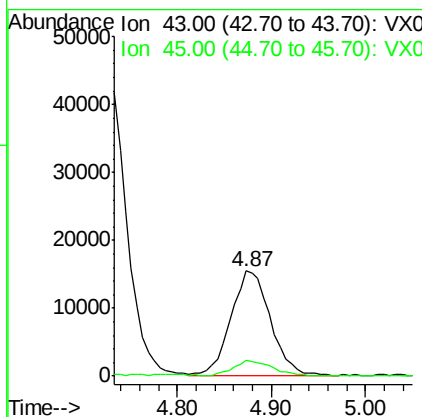
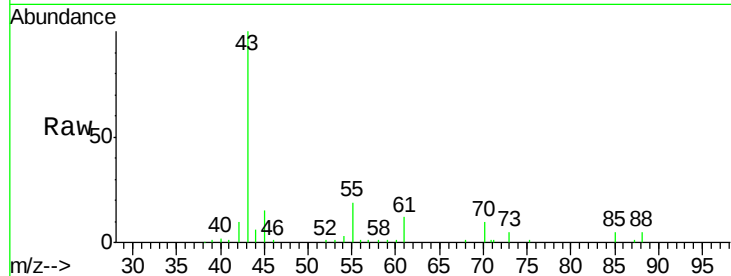
#43
Ethyl Acetate
Concen: 17.57 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
Client Sampled :
VX0301WBSD02

Tot Ion: 43 Resp: 46164
Ion Ratio Lower Upper
43 100
45 14.8 11.4 17.0

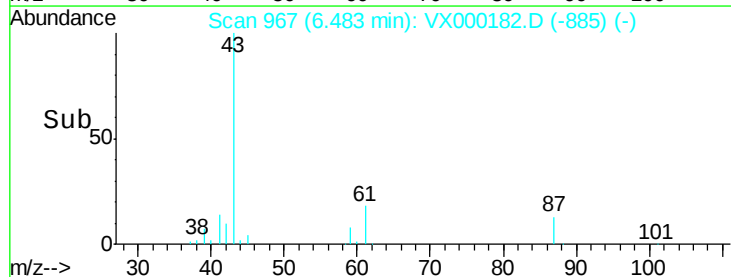
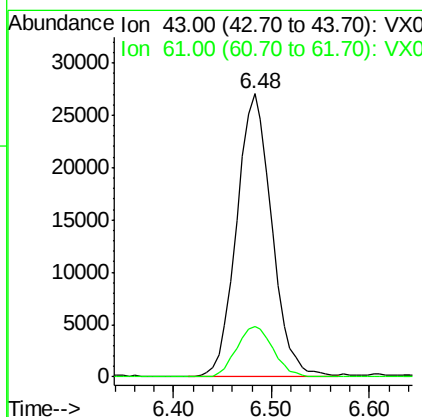
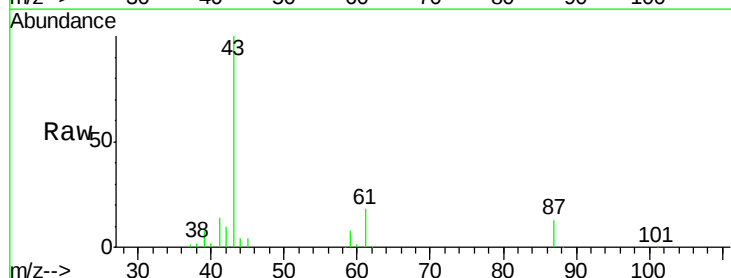
Manual Integrations
APPROVED

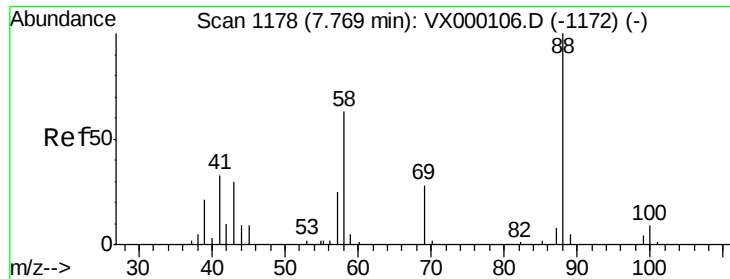
apatel
3/2/2018 3:13:26 PM



#44
Isopropyl Acetate
Concen: 17.59 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion: 43 Resp: 67823
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5





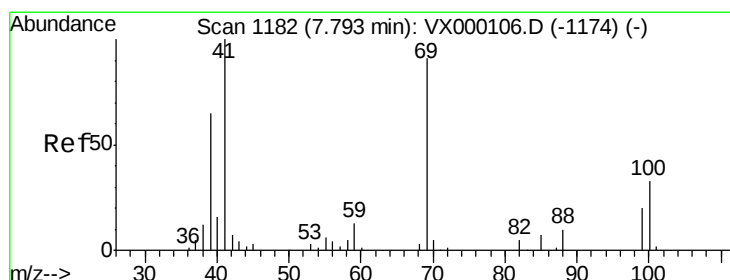
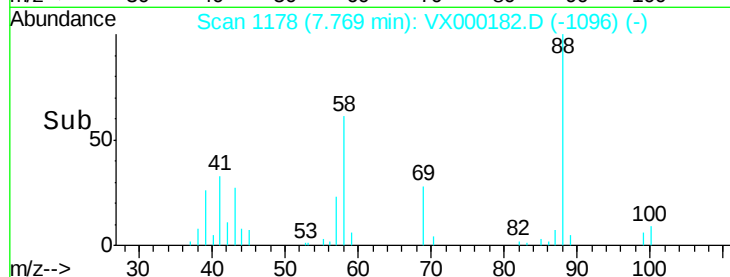
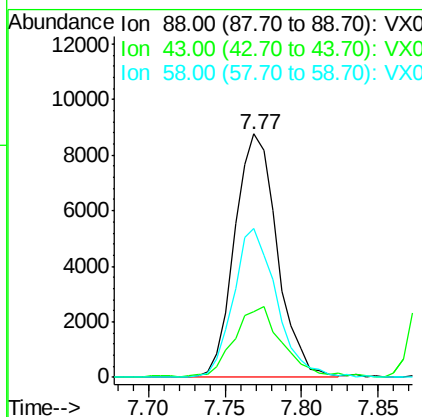
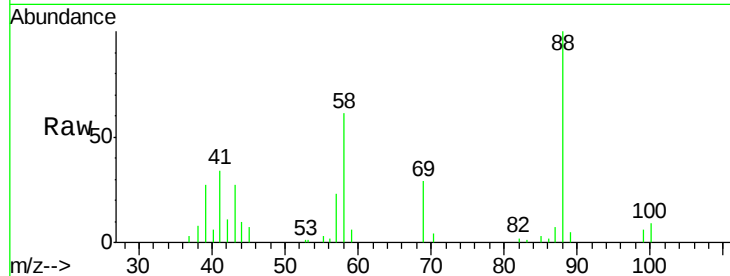
#45
1,4-Dioxane
Concen: 349.38 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	26.8	40.2
58	61.8	52.1	78.1

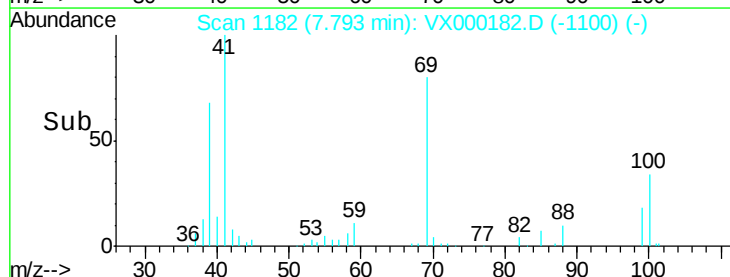
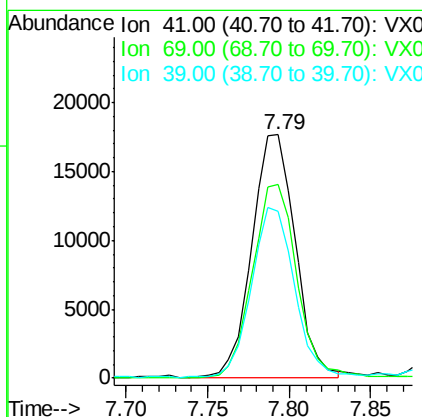
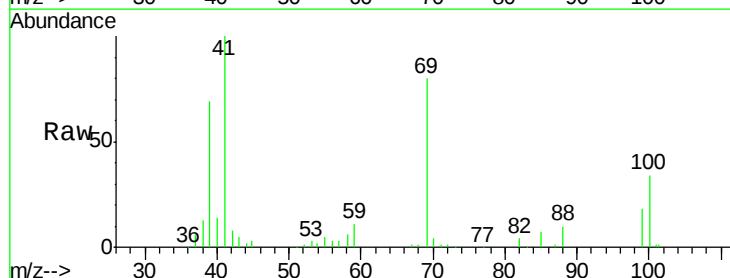
Manual Integrations
APPROVED

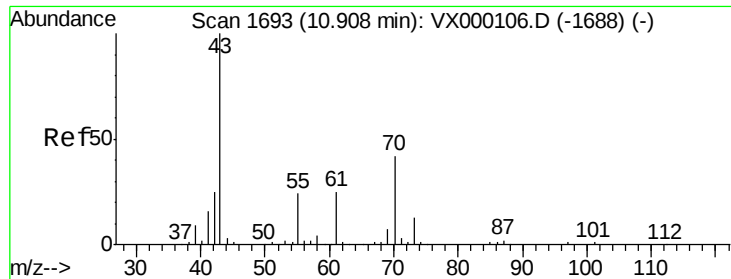
apatel
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#46
Methyl methacrylate
Concen: 17.53 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.8	45.5	136.5
39	68.0	32.5	97.5





#47

n-amvl Acetate

Concen: 17.60 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 43 Resp: 59247

Ion Ratio Lower Upper

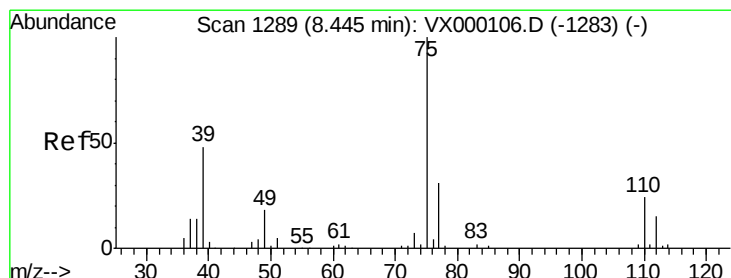
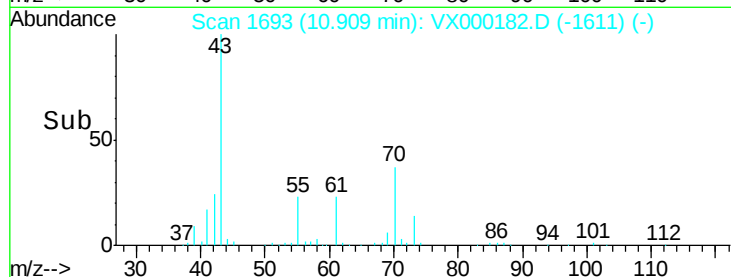
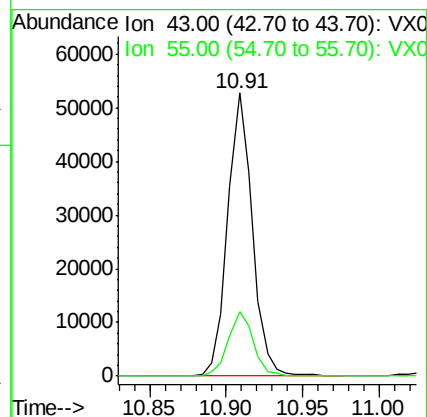
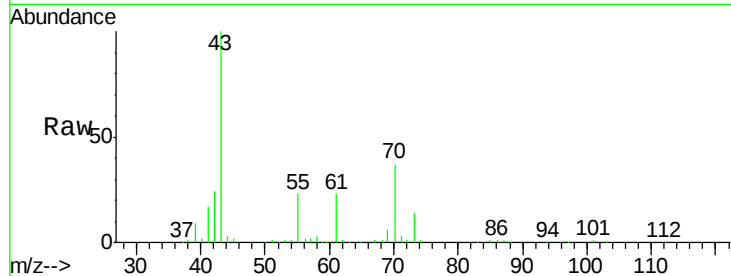
43 100

55 23.2 19.4 29.2

Manual Integrations
APPROVED

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#48

t-1,3-Dichloropropene

Concen: 15.96 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000182.D

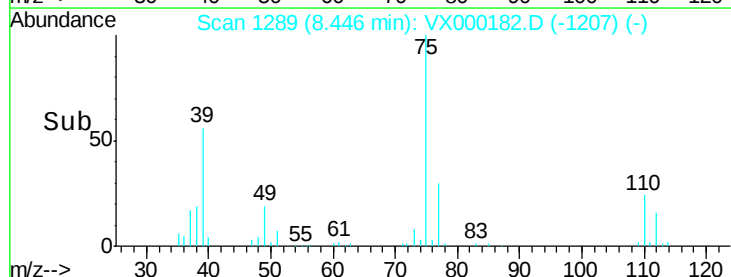
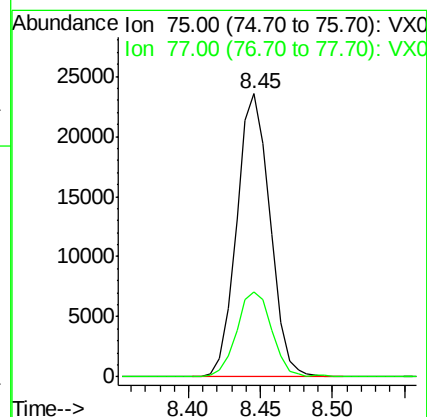
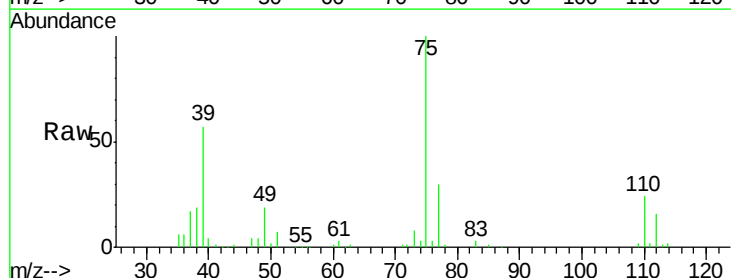
Acq: 01 Mar 2018 13:53

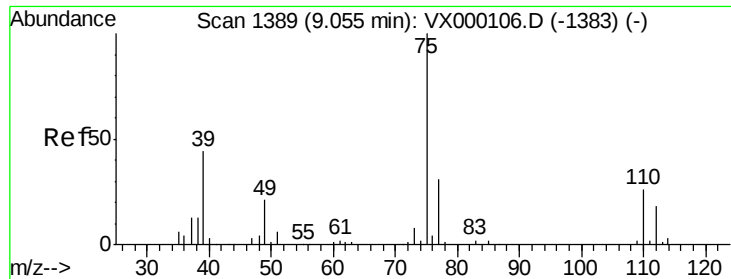
Tgt Ion: 75 Resp: 38007

Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0





#49

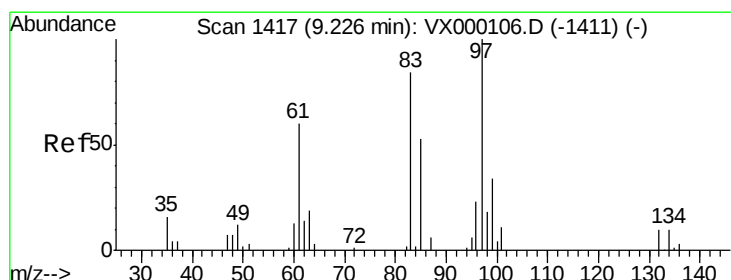
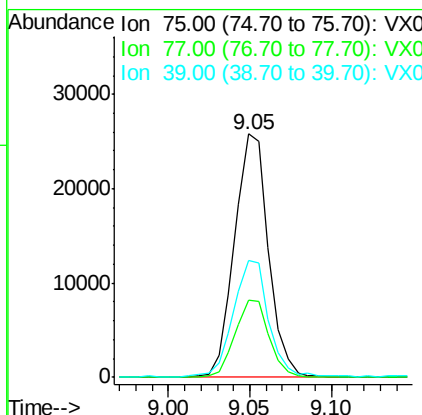
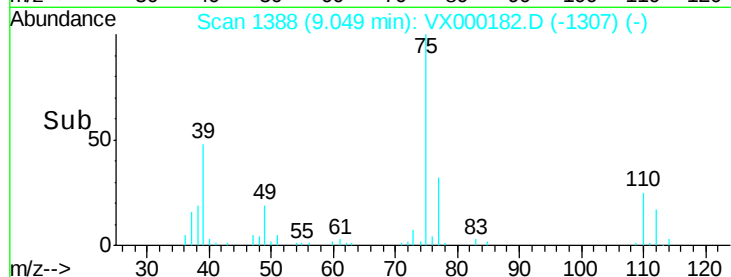
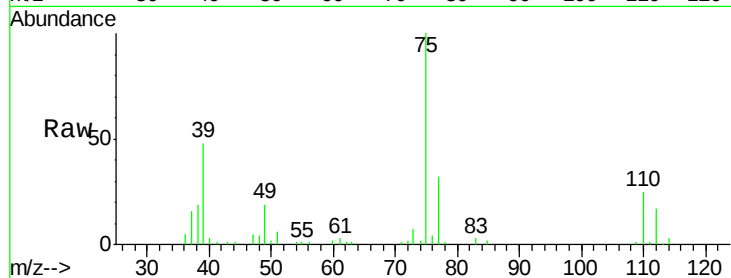
cis-1,3-Dichloropropene
Concen: 16.17 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.5	36.7
39	47.7	35.6	53.4

Manual Integrations
APPROVED

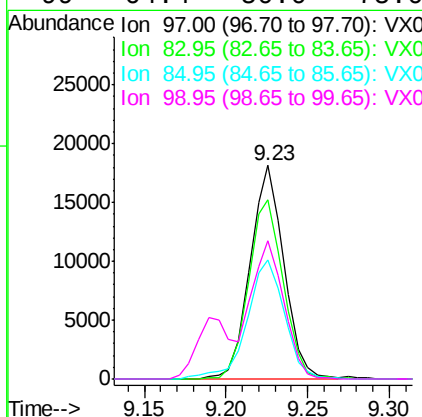
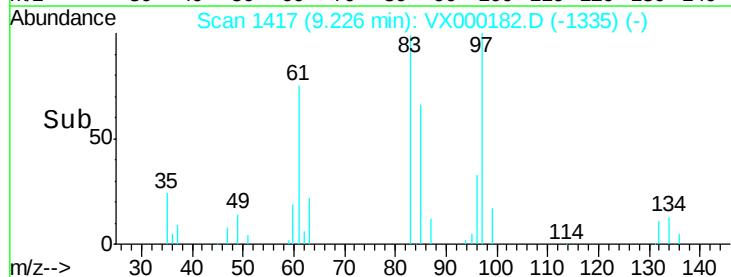
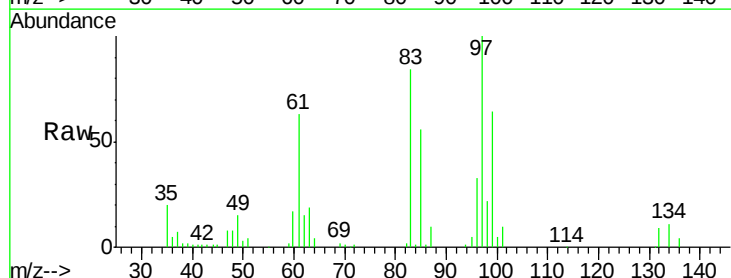
apatel
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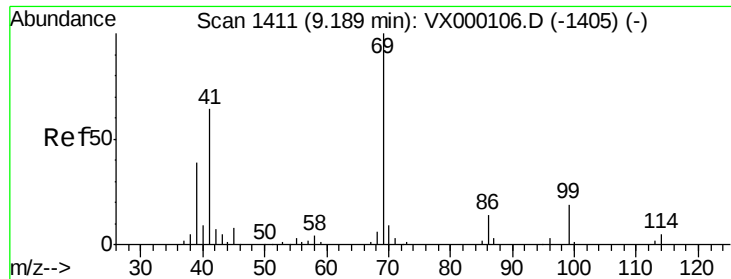


#50

1,1,2-Trichloroethane
Concen: 16.60 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	55.4	44.4	66.6
99	64.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 16.48 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

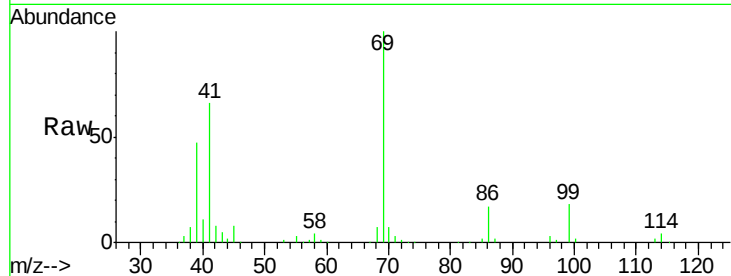
Client Sampled :

VX0301WBSD02

Tot Ion:	69	Resp:	39878
Ion Ratio	Lower	Upper	
69	100		
41	66.2	32.1	96.3
39	47.2	19.6	58.7

Manual Integrations
APPROVED

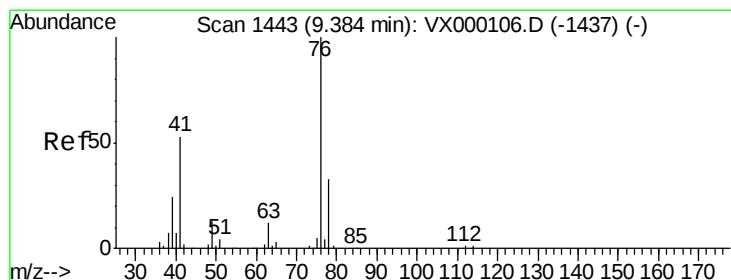
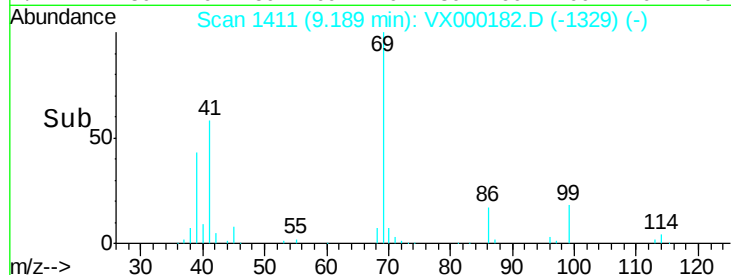
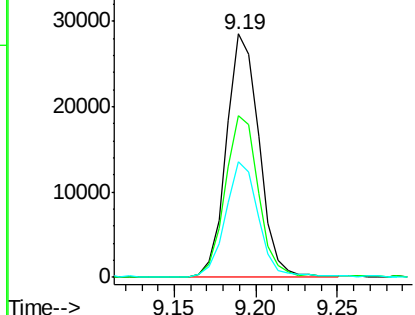
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Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 17.97 ug/l

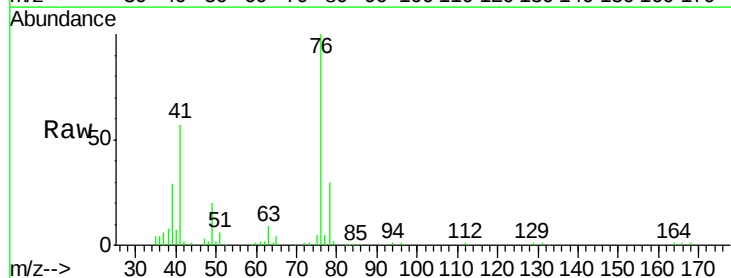
RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000182.D

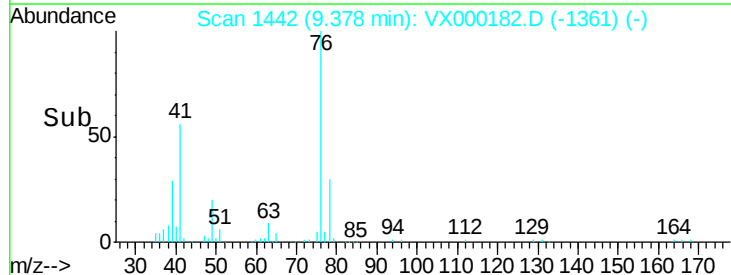
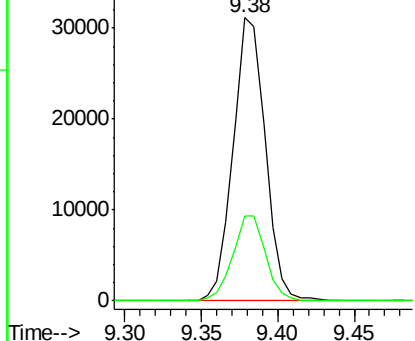
Acq: 01 Mar 2018 13:53

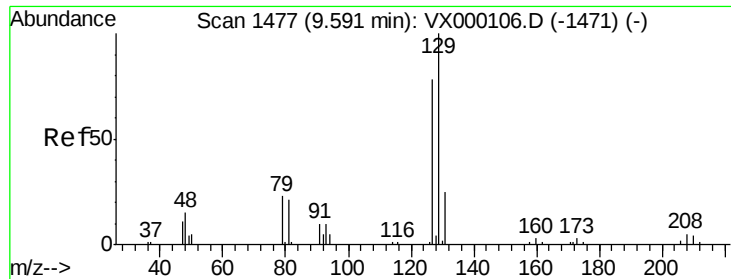
Tgt Ion:	76	Resp:	45540
Ion Ratio	Lower	Upper	
76	100		
78	30.6	0.0	65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





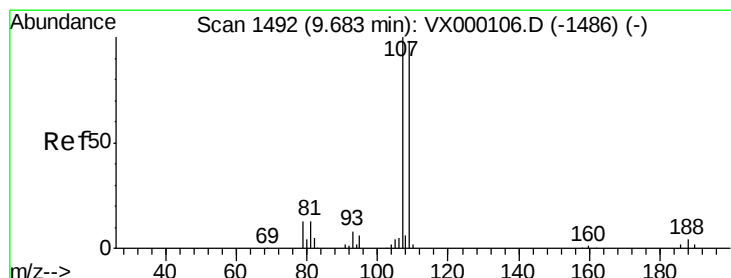
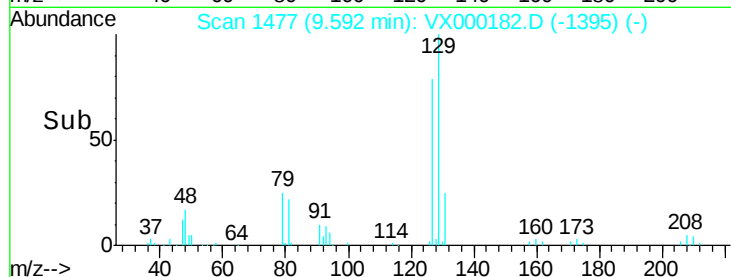
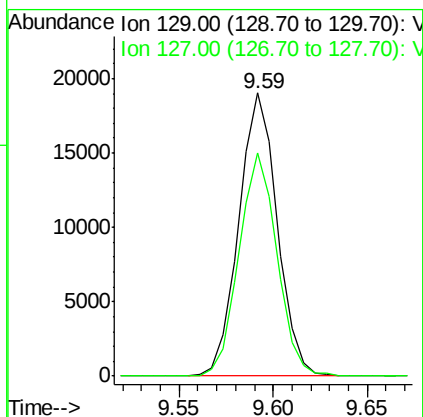
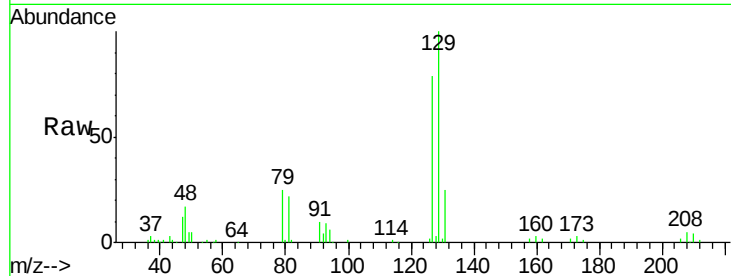
#53
Dibromochloromethane
Concen: 15.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	37.5	112.5

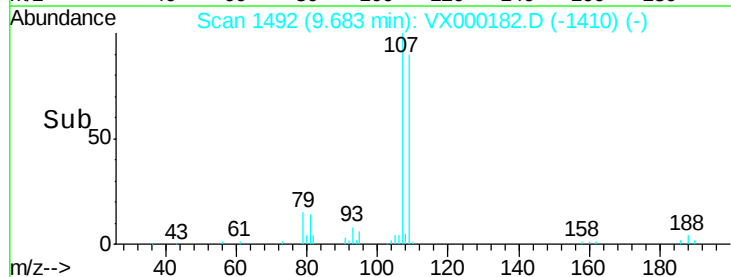
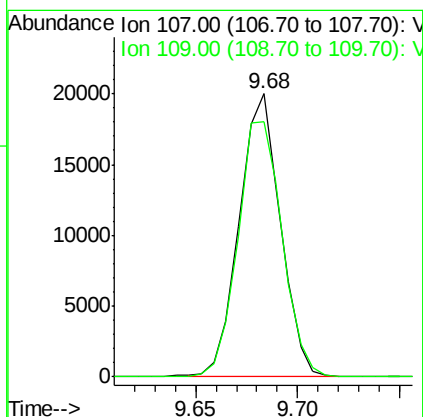
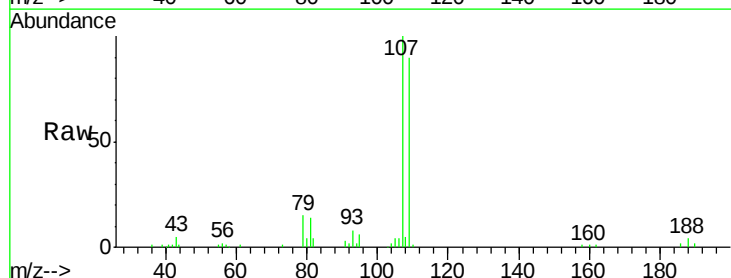
Manual Integrations
APPROVED

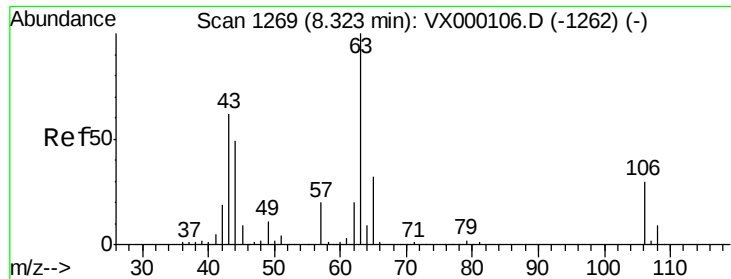
apatel
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#54
1,2-Dibromoethane
Concen: 15.91 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.9	74.5	111.7





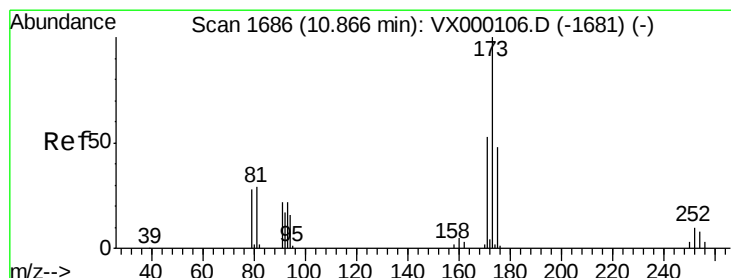
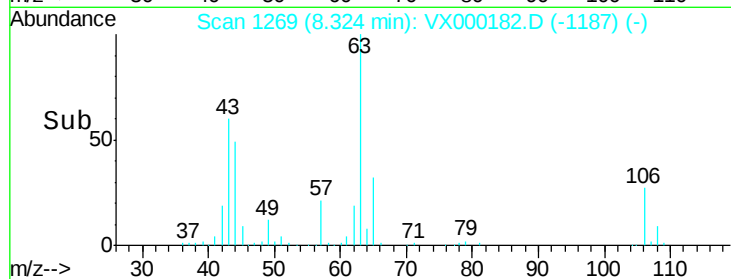
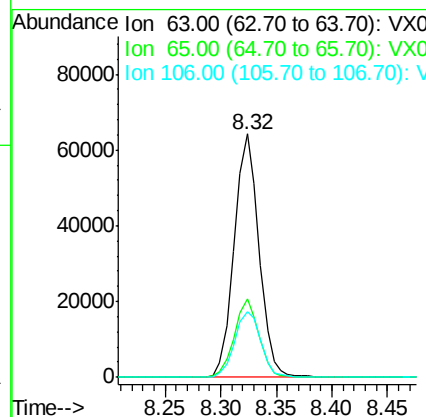
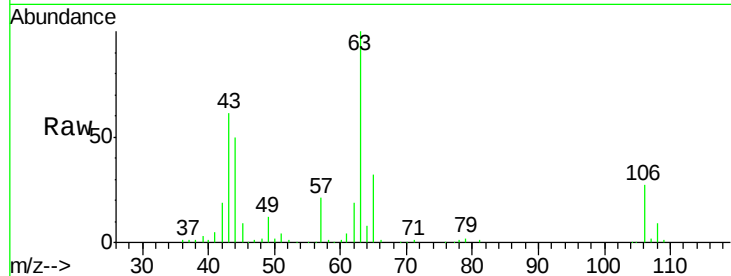
#55
2-Chloroethyl vinyl ether
Concen: 93.99 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.8	38.8
106	28.4	23.8	35.6

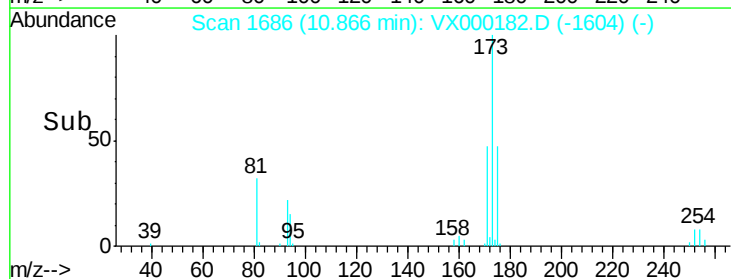
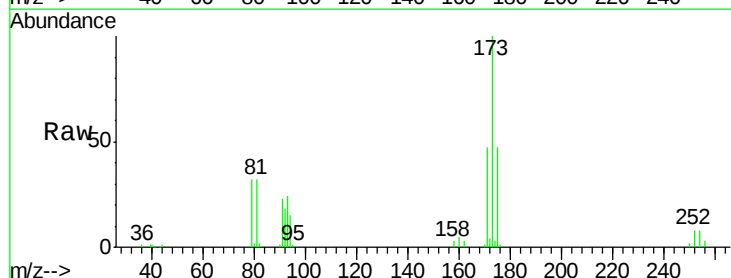
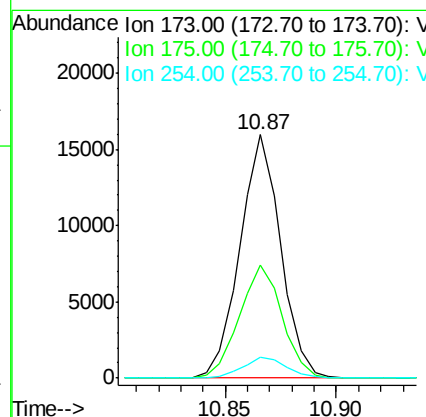
Manual Integrations
APPROVED

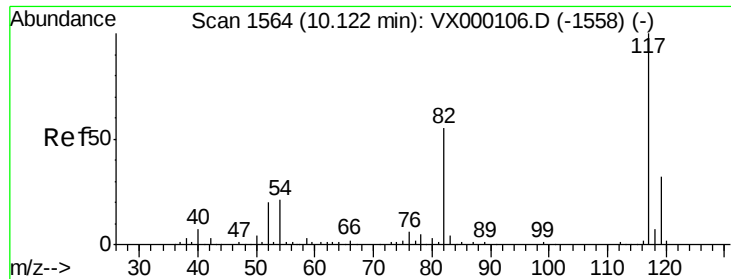
apatel
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#56
Bromoform
Concen: 14.26 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	9.1	7.0	10.4





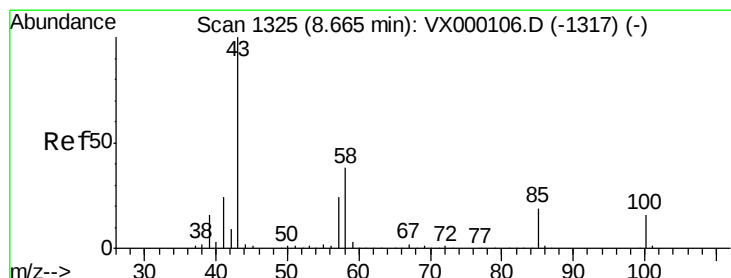
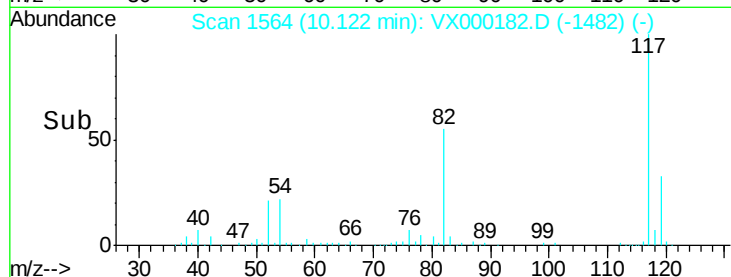
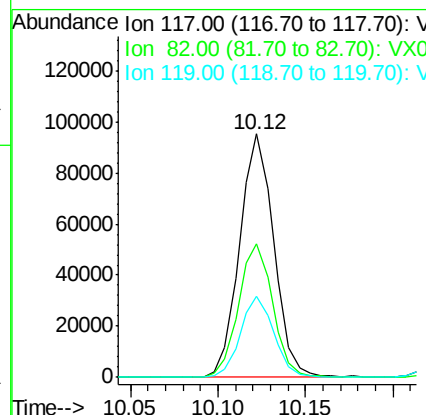
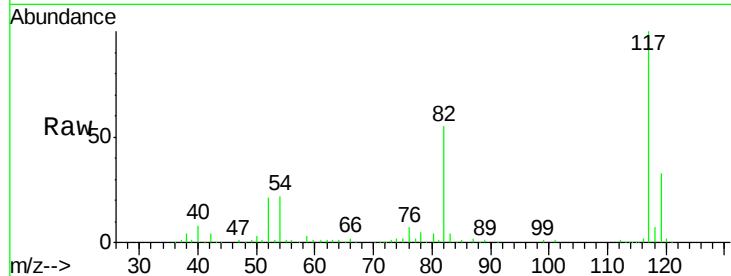
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	32.6	25.8	38.8

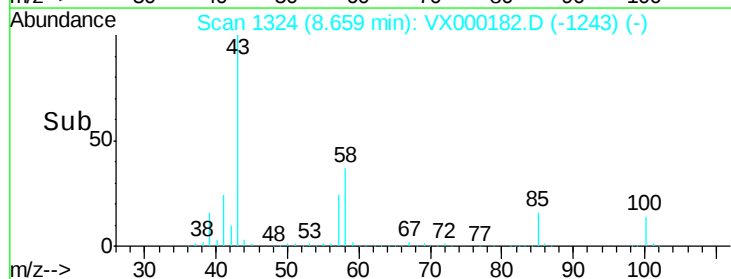
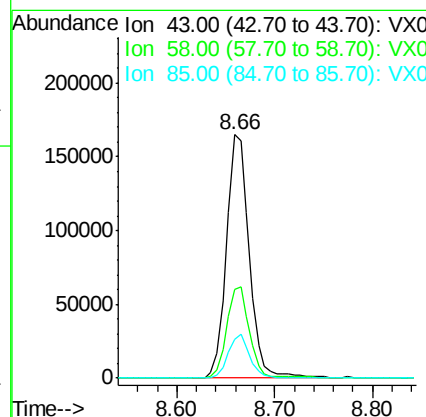
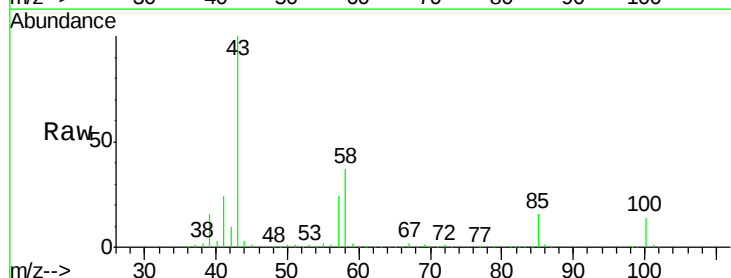
Manual Integrations
APPROVED

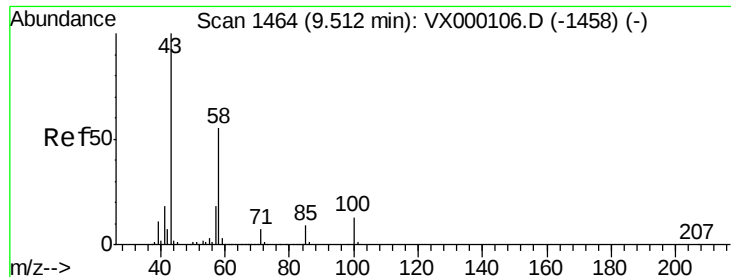
apatel
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#58
4-Methyl-2-Pentanone
Concen: 94.19 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.8	44.8
85	17.0	14.9	22.3





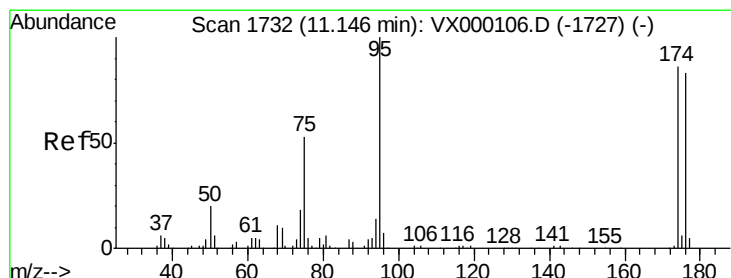
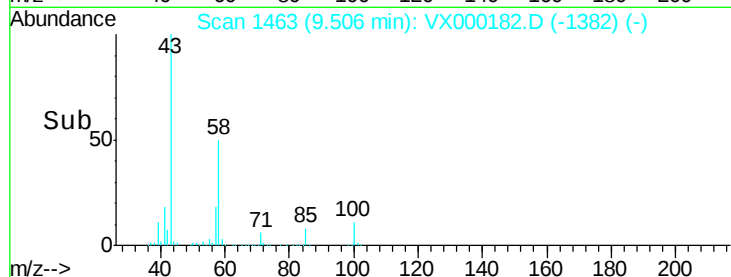
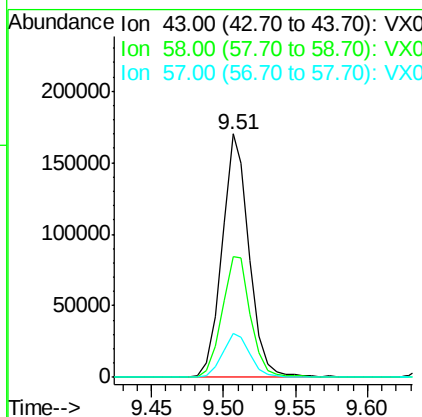
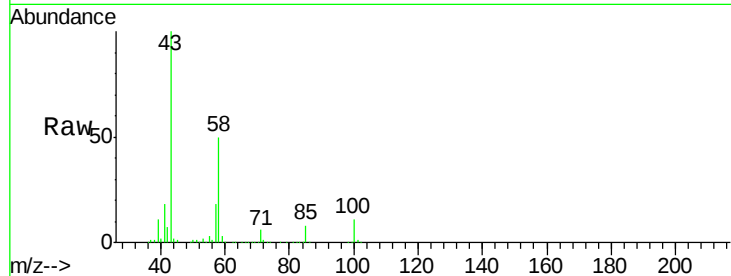
#59
2-Hexanone
Concen: 93.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
Client Sampled :
VX0301WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	224480		
58	52.5		43.0	64.6
57	18.6		14.4	21.6

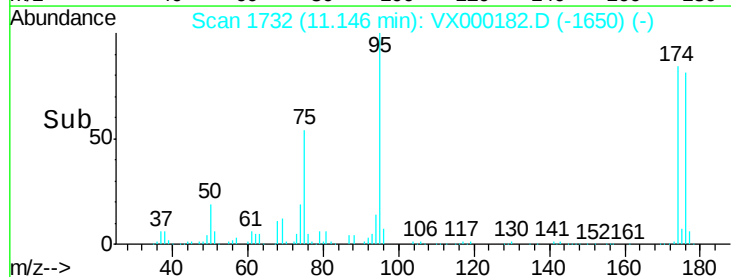
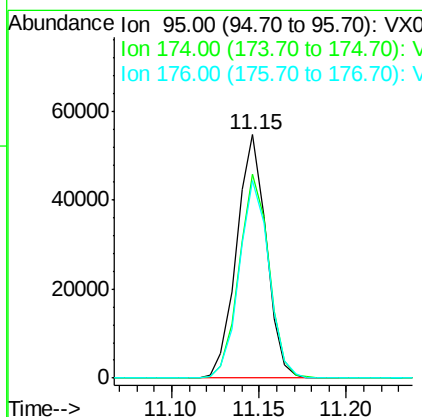
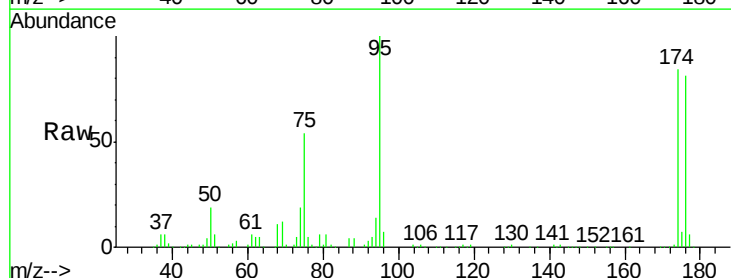
Manual Integrations
APPROVED

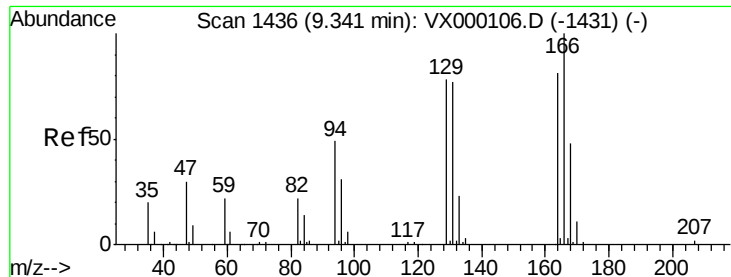
apatel
3/2/2018 3:13:26 PM



#60
4-Bromofluorobenzene
Concen: 30.53 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	64681		
174	83.7		71.1	106.7
176	80.9		69.3	103.9





#61

Tetrachloroethene

Concen: 14.10 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

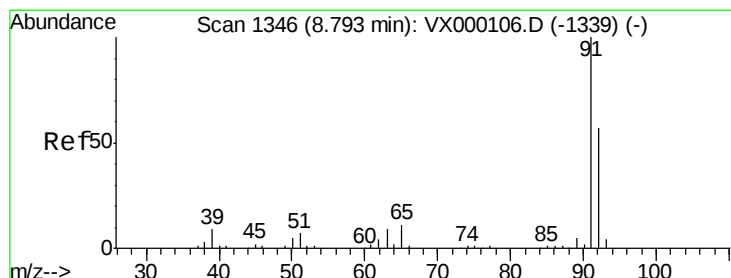
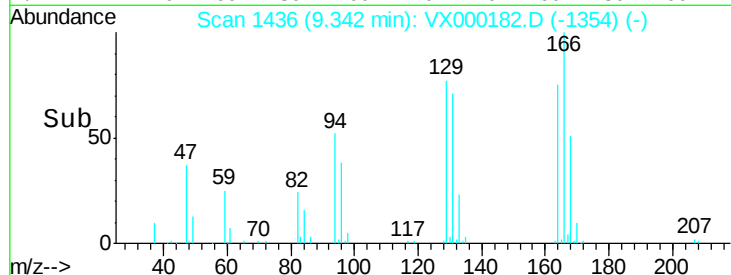
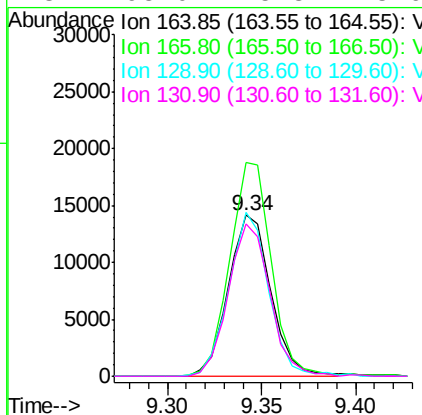
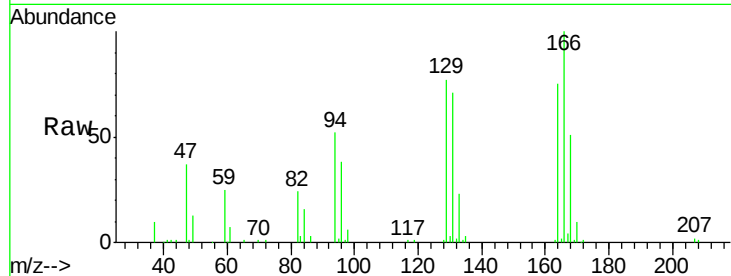
ClientSampled :

VX0301WBSD02

Tot Ion:	164	Resp:	22167
Ion	Ratio	Lower	Upper
164	100		
166	131.9	99.0	148.4
129	101.2	77.0	115.6
131	95.0	75.8	113.6

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#62

Toluene

Concen: 15.80 ug/l

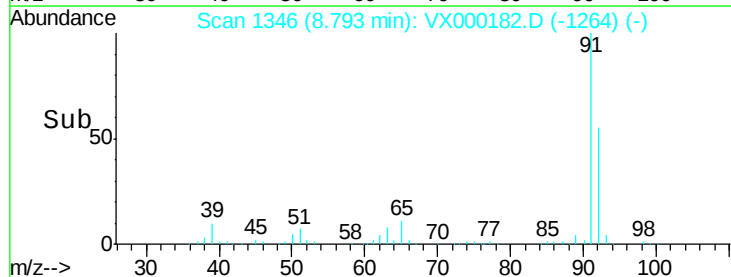
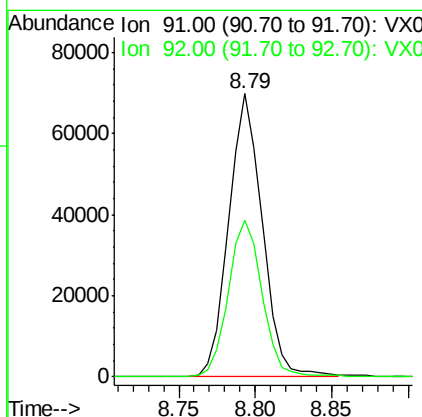
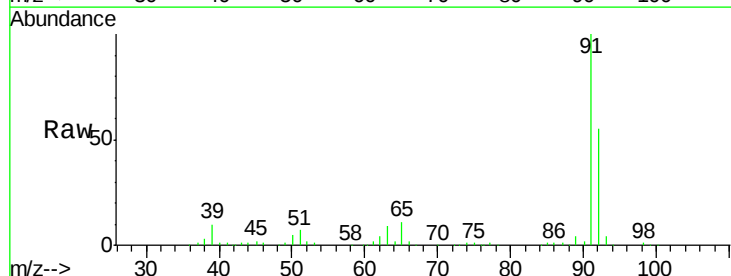
RT: 8.79 min Scan# 1346

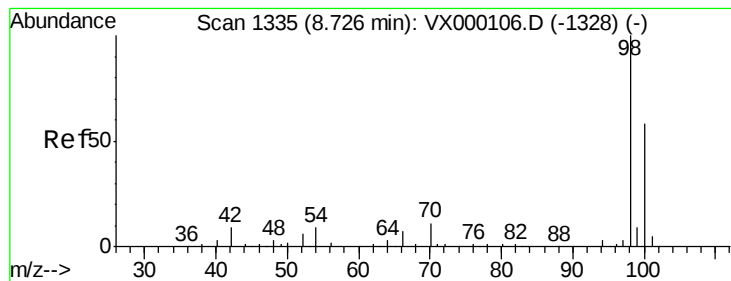
Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion:	91	Resp:	106481
Ion	Ratio	Lower	Upper
91	100		
92	55.5	45.4	68.0





#63

Toluene-d8

Concen: 30.21 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 98 Resp: 167566

Ion Ratio Lower Upper

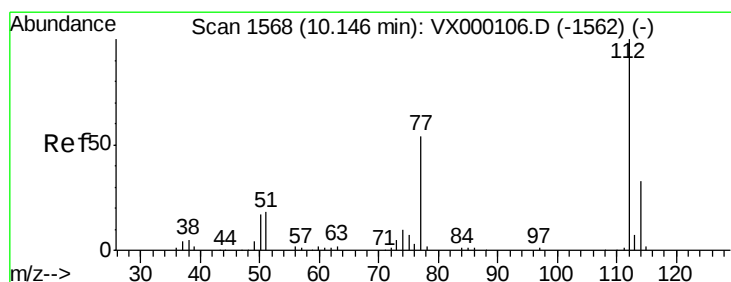
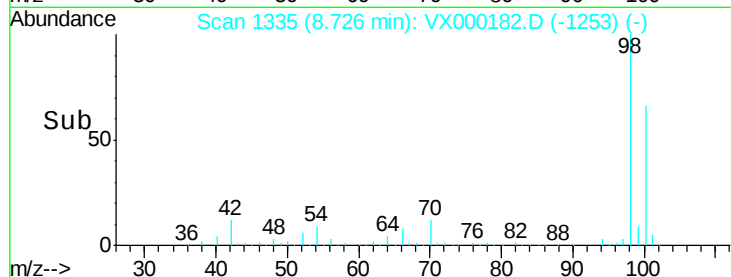
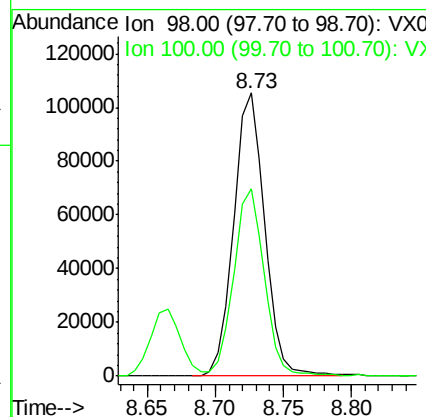
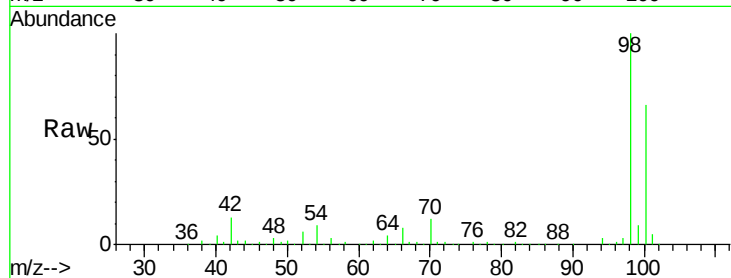
98 100

100 65.5 50.0 75.0

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#64

Chlorobenzene

Concen: 16.21 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000182.D

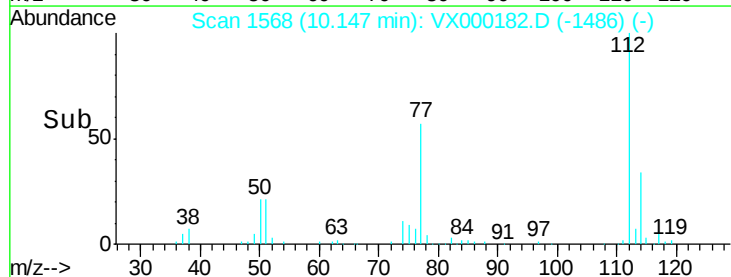
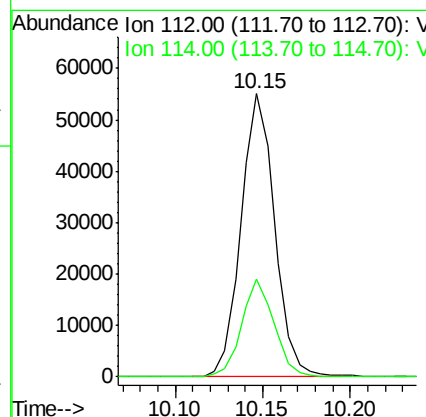
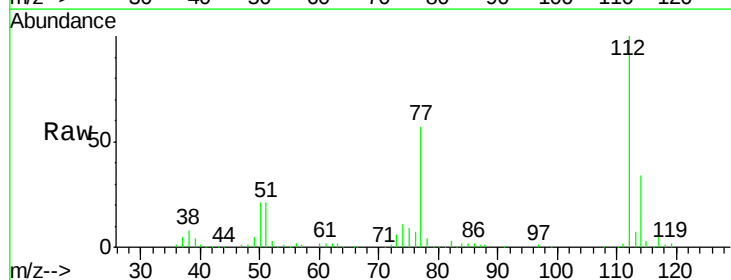
Acq: 01 Mar 2018 13:53

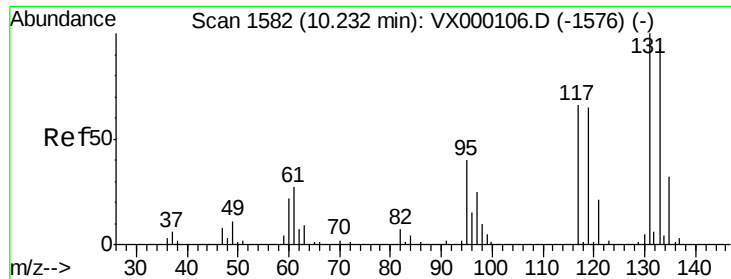
Tgt Ion: 112 Resp: 73833

Ion Ratio Lower Upper

112 100

114 34.2 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 15.79 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

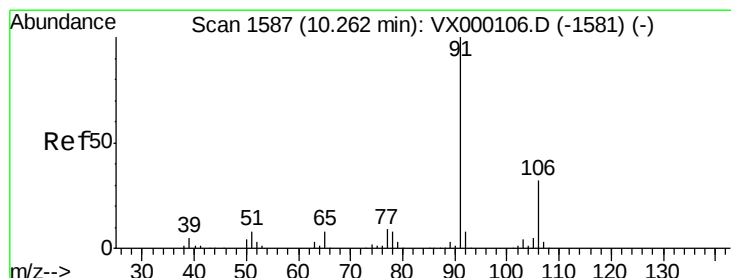
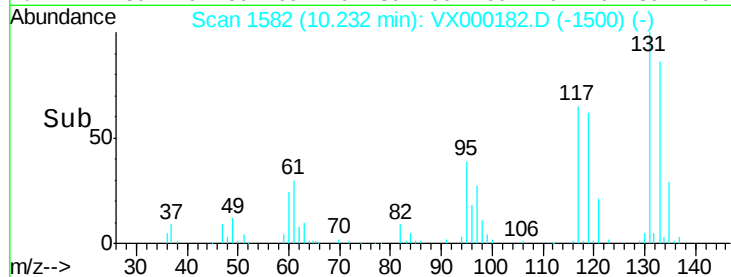
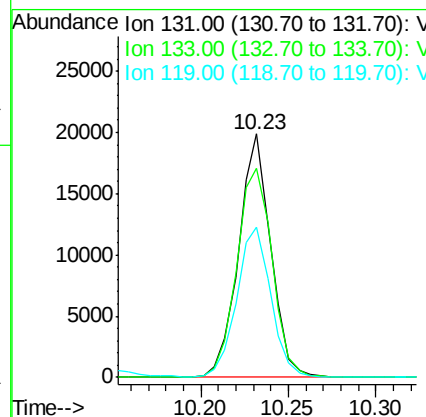
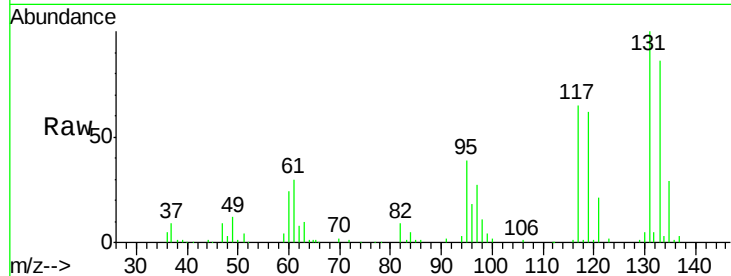
ClientSampled :

VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.3	0.0	187.6
119	65.3	0.0	134.0

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#66

Ethyl Benzene

Concen: 16.31 ug/l

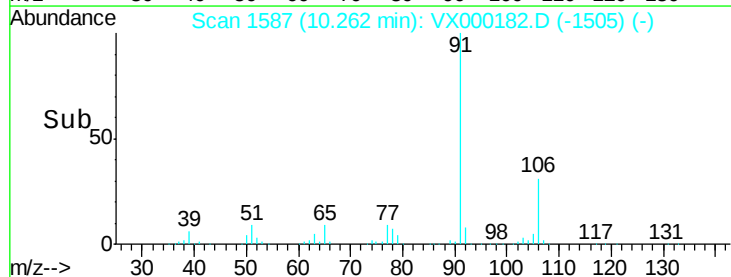
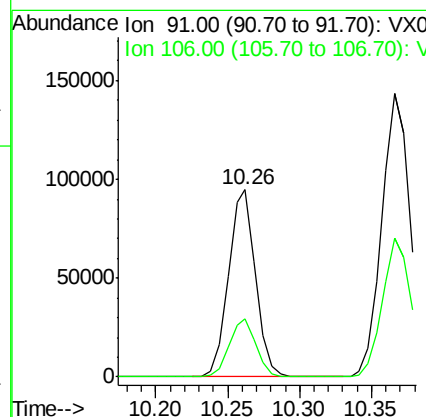
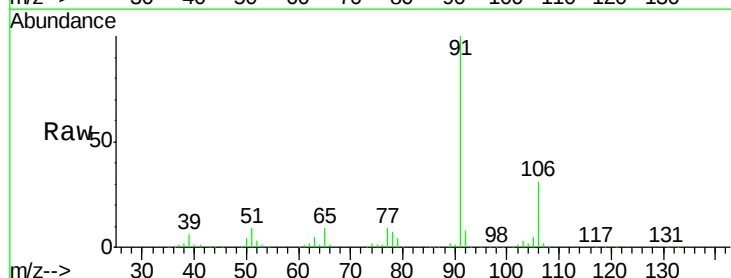
RT: 10.26 min Scan# 1587

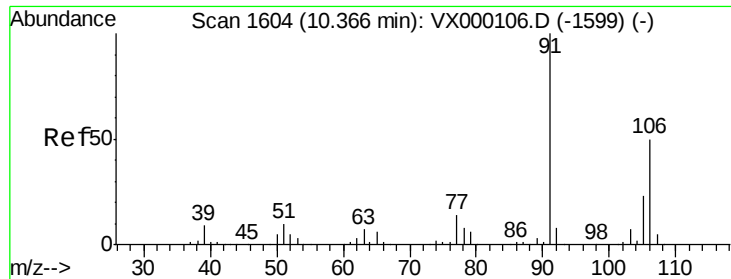
Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.9	38.9





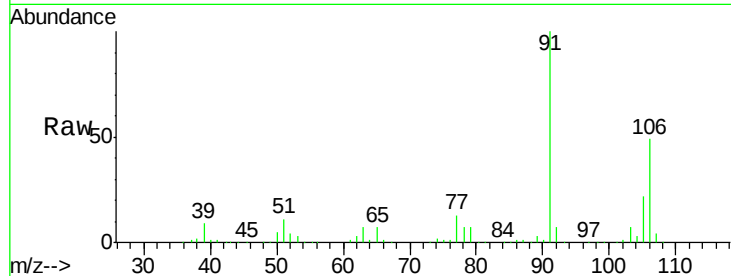
#67
m/p-Xvlenes
Concen: 31.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

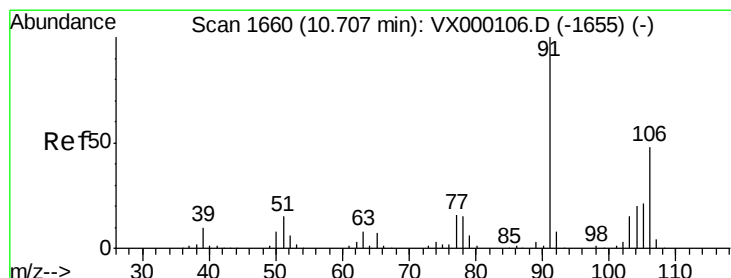
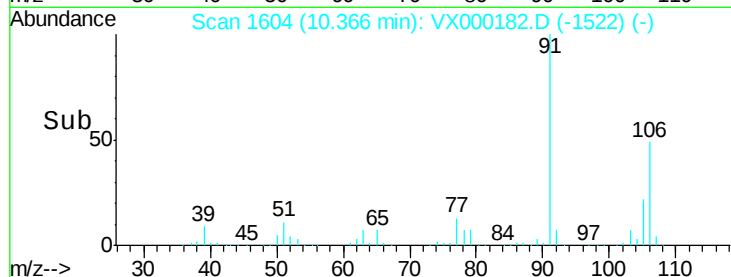
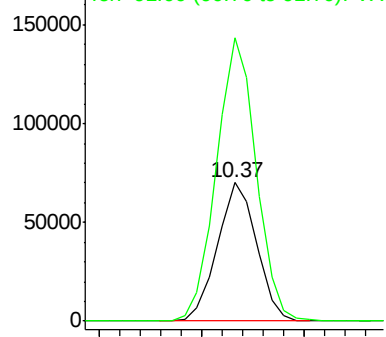
Tot Ion:106 Resp: 93786
Ion Ratio Lower Upper
106 100
91 206.9 161.6 242.4

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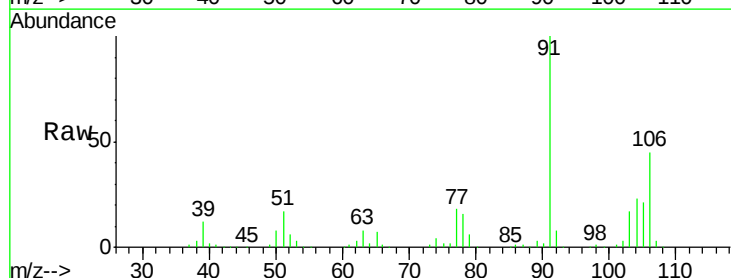


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

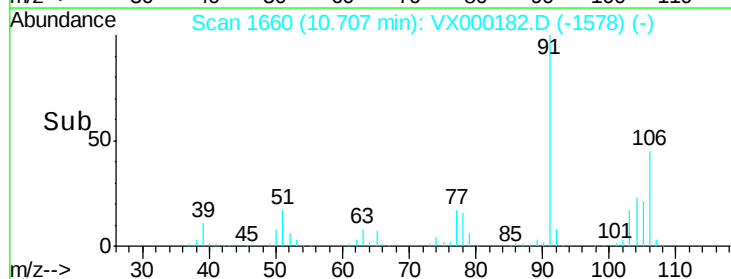
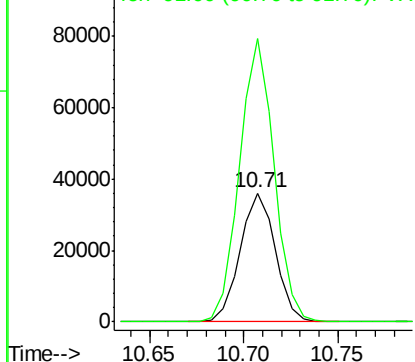


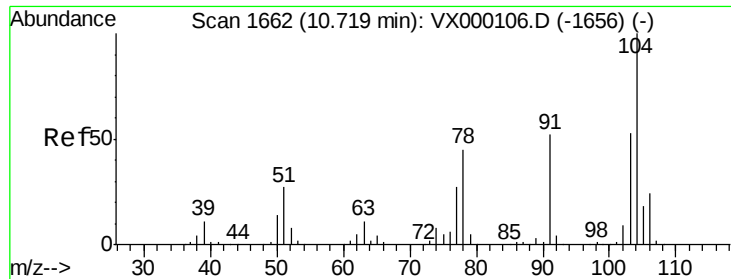
#68
o-Xylene
Concen: 15.97 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion:106 Resp: 46761
Ion Ratio Lower Upper
106 100
91 215.0 105.6 316.8



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





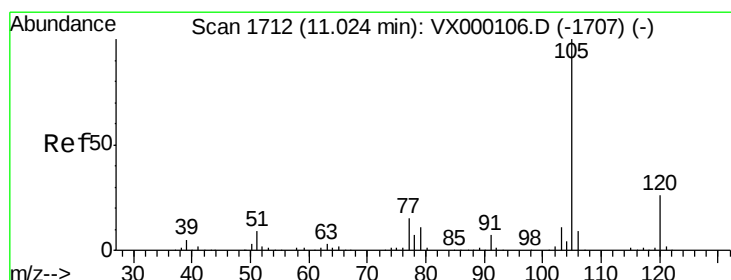
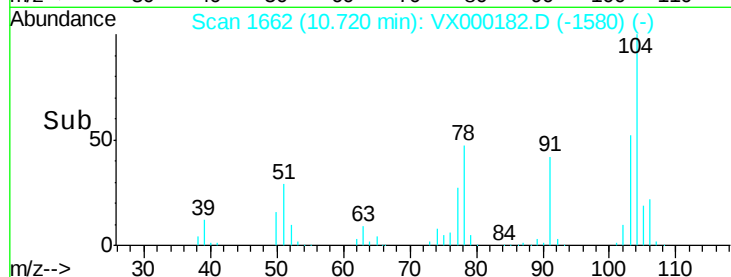
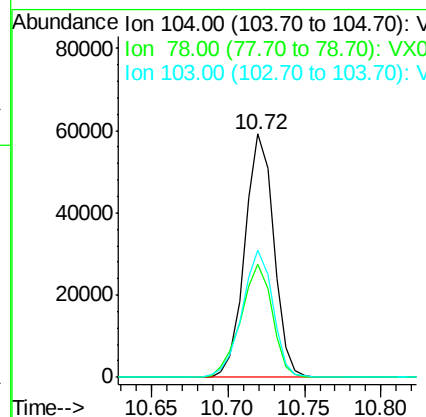
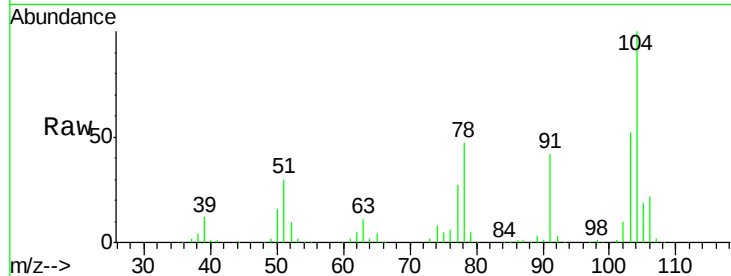
#69
Stvrene
Concen: 16.09 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	39.0	58.4
103	55.6	44.7	67.1

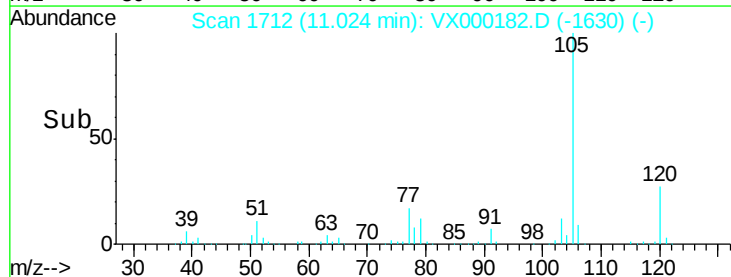
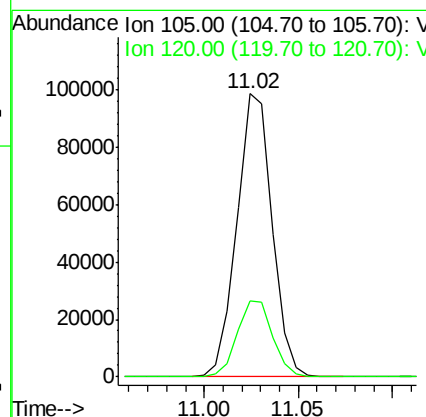
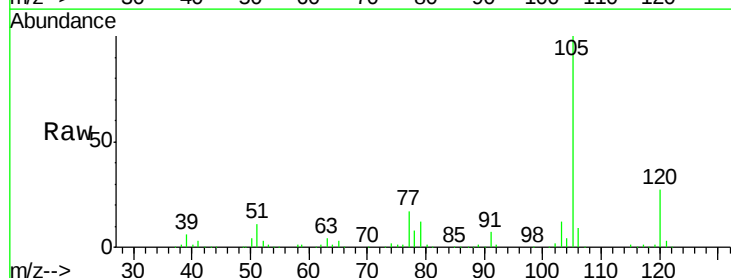
Manual Integrations
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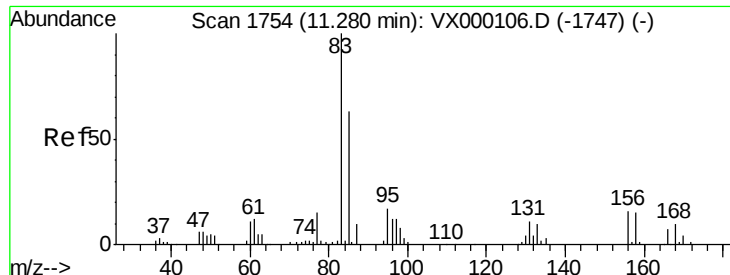
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#70
Isopropylbenzene
Concen: 16.16 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	35.0





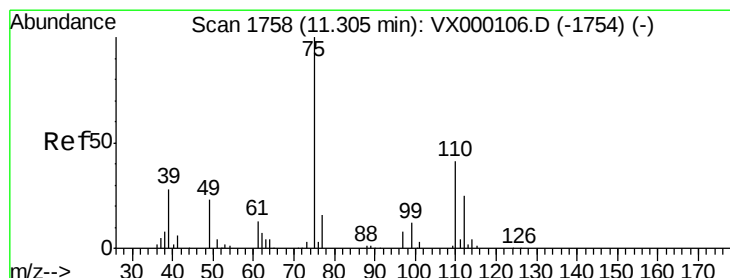
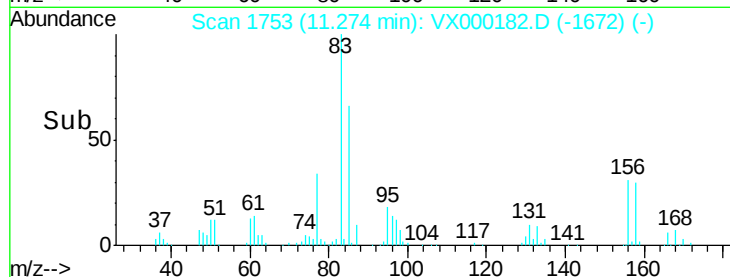
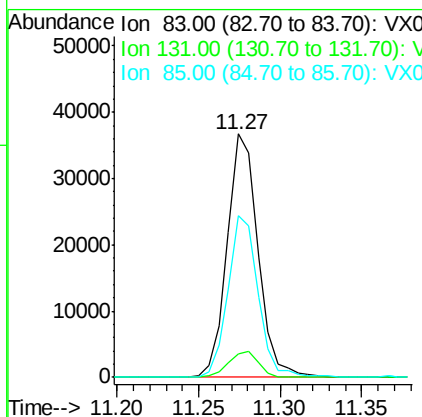
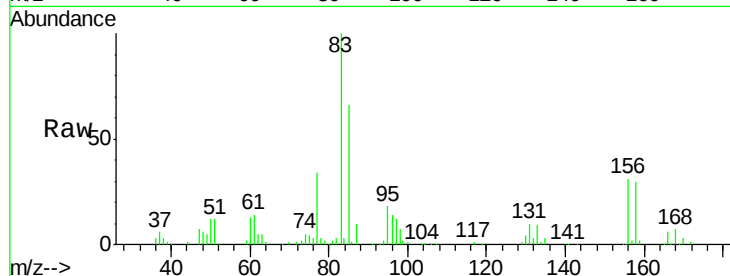
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.76 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	83	Resp	48379
Ion Ratio	100	Lower	Upper
83	100		
131	10.4	5.3	16.1
85	64.9	32.5	97.5

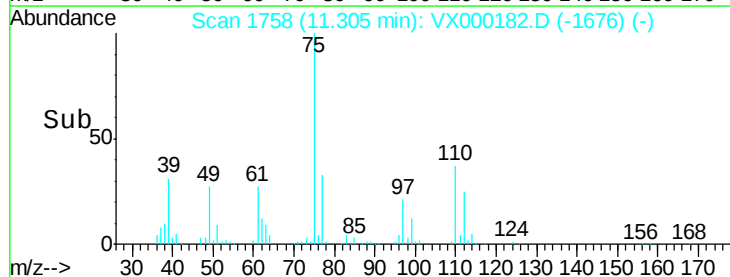
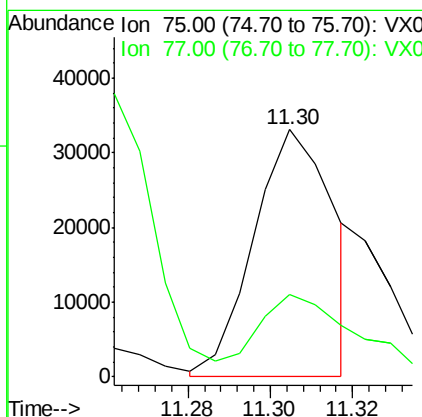
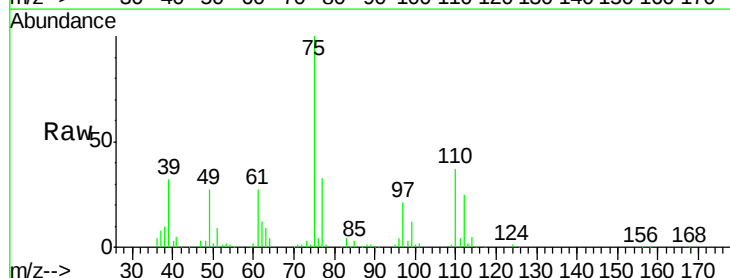
Manual Integrations
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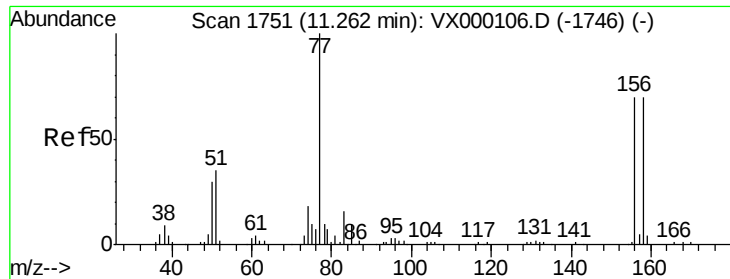
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#72
 1,2,3-Trichloropropane
 Concen: 18.16 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	75	Resp	44386
Ion Ratio	100	Lower	Upper
75	100		
77	41.2	0.0	85.8





#73

Bromobenzene

Concen: 15.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

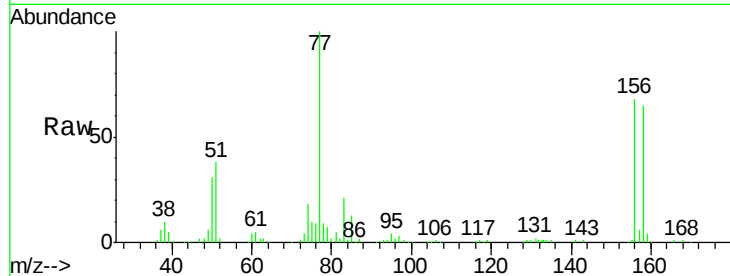
ClientSampled :

VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.0	0.0	280.2
158	95.3	0.0	197.2

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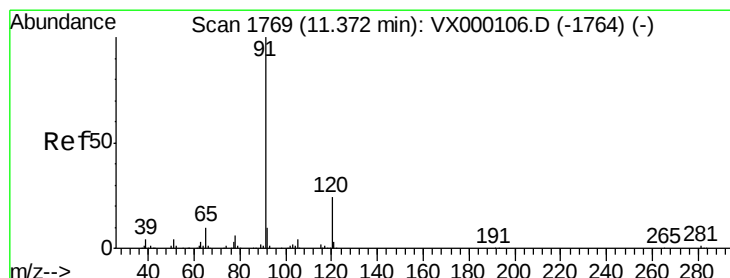
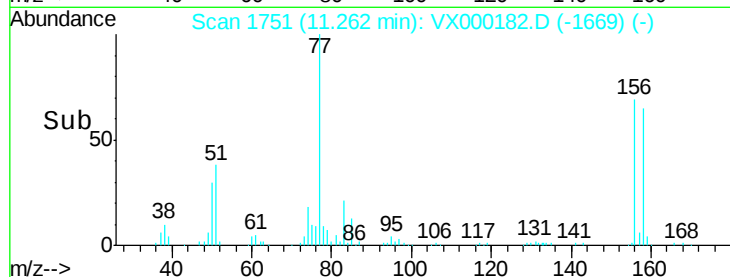
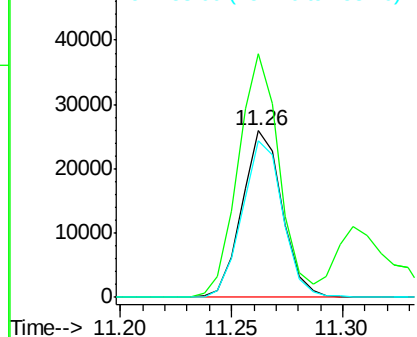
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 16.53 ug/l

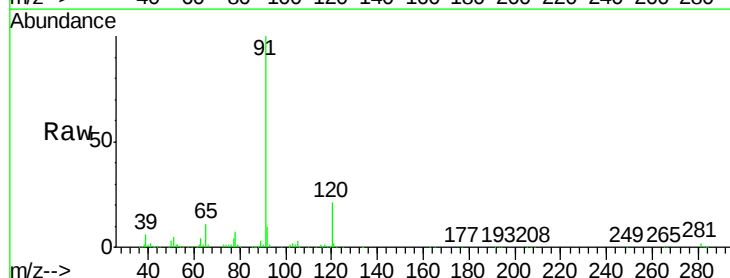
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000182.D

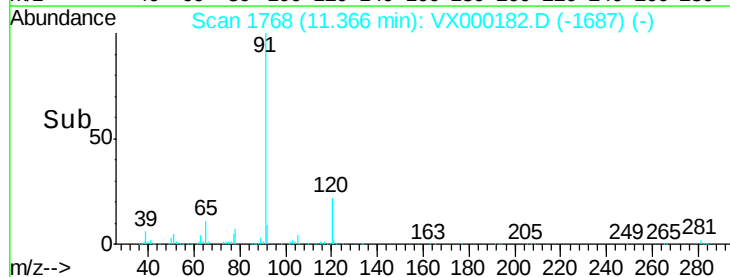
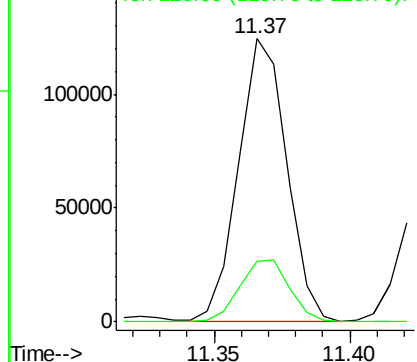
Acq: 01 Mar 2018 13:53

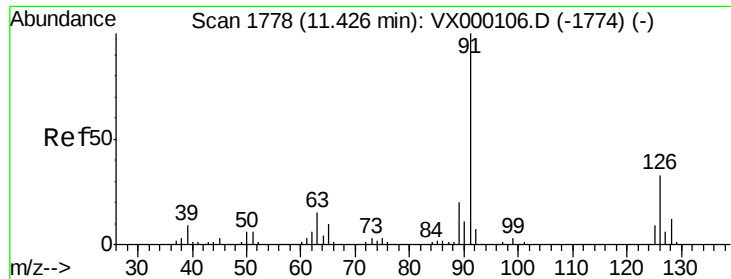
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	0.0	47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 16.64 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

ClientSampled :

VX0301WBSD02

Tot Ion: 91 Resp: 88777

Ion Ratio Lower Upper

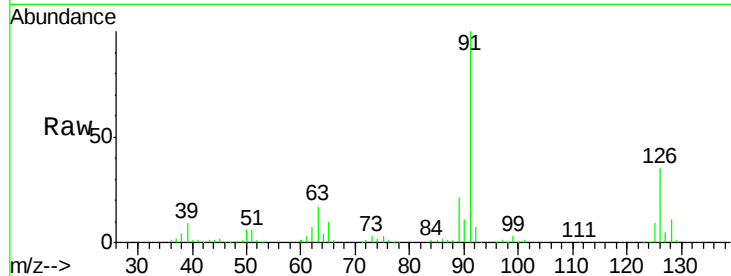
91 100

126 34.6 0.0 71.4

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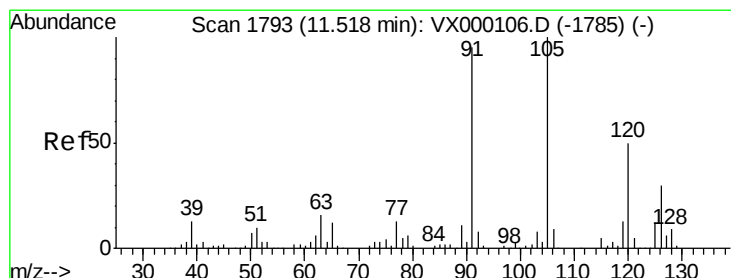
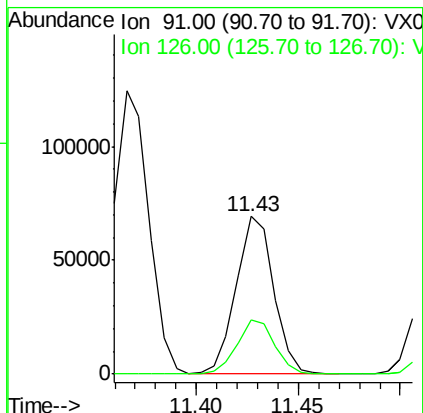
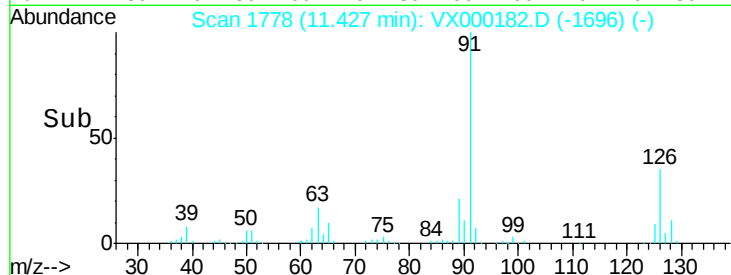
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Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)



#76

1,3,5-Trimethylbenzene

Concen: 16.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000182.D

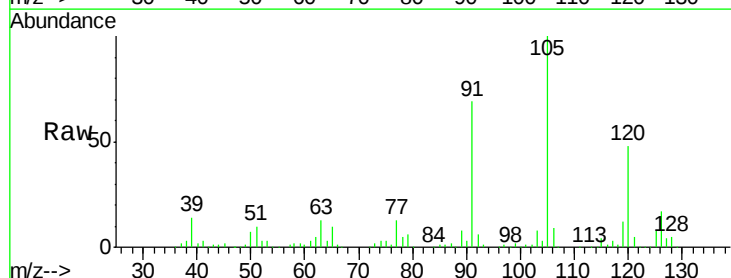
Acq: 01 Mar 2018 13:53

Tgt Ion: 105 Resp: 108199

Ion Ratio Lower Upper

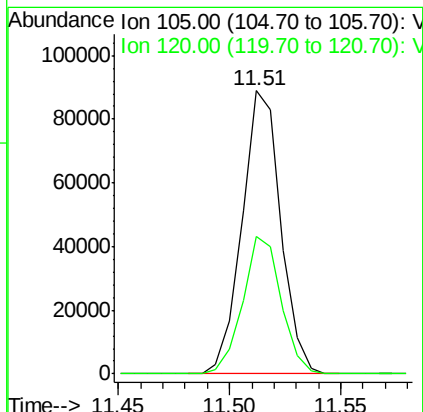
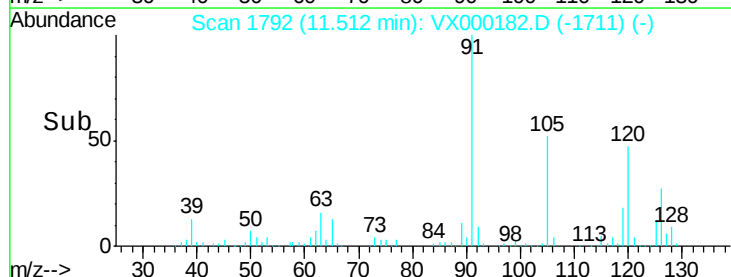
105 100

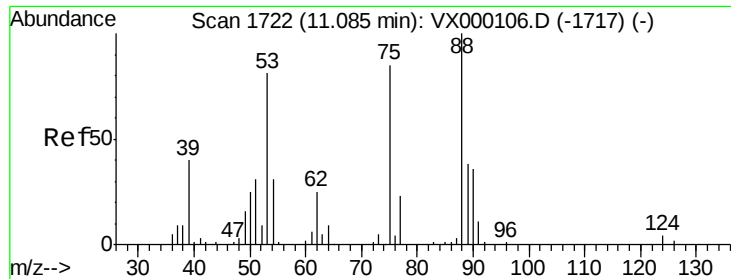
120 48.0 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)





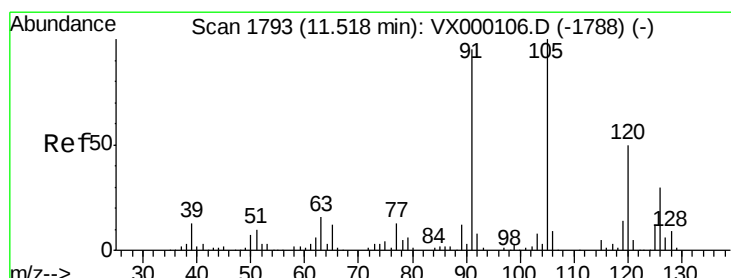
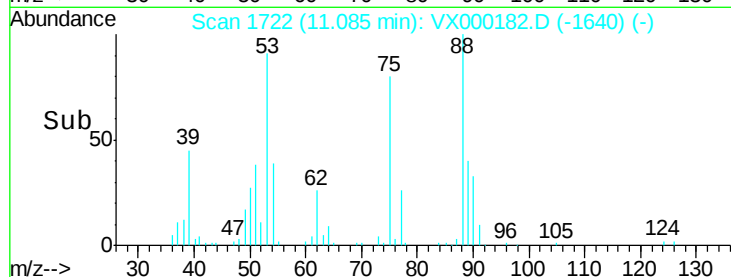
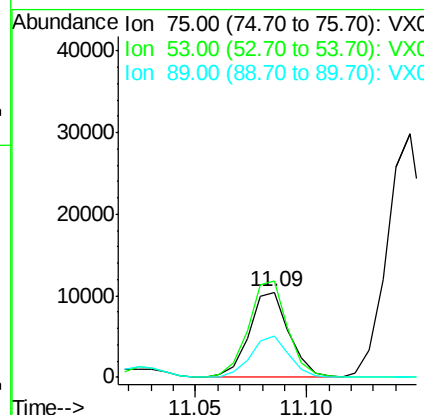
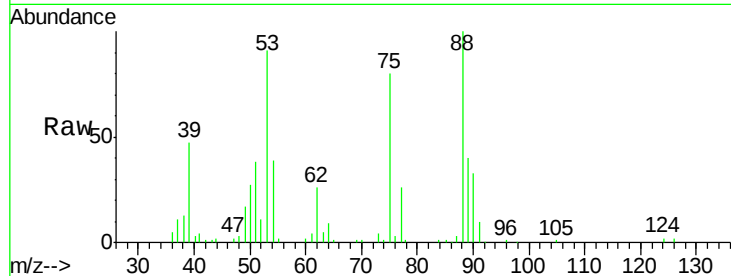
#77
t-1,4-Dichloro-2-butene
Concen: 15.13 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.7	47.8	143.3
89	49.3	22.3	66.8

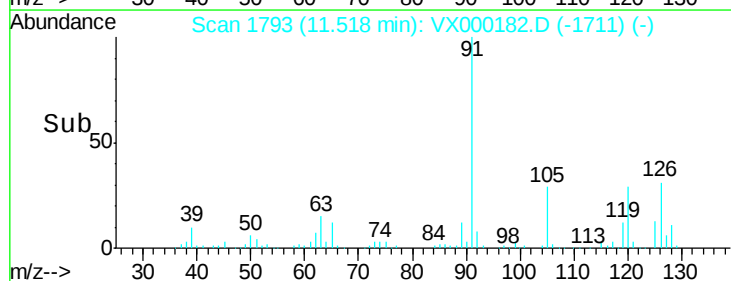
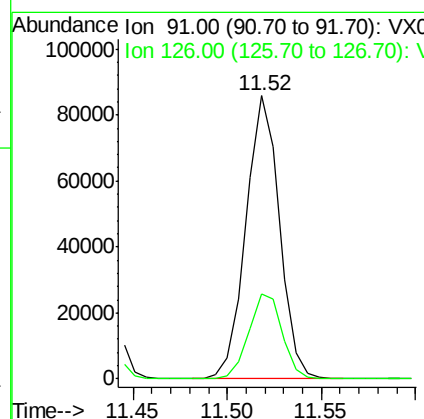
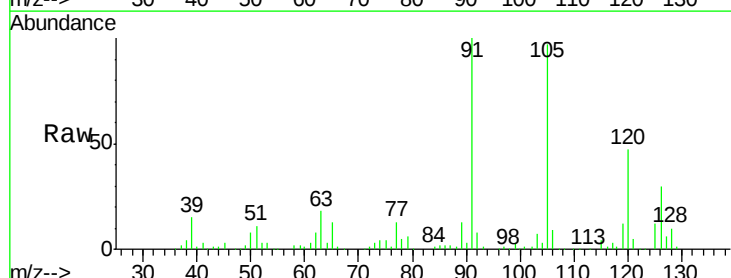
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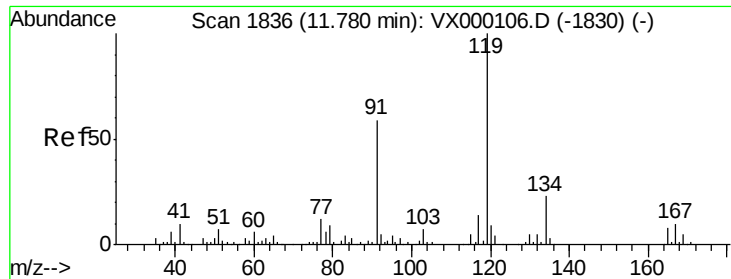
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#78
4-Chlorotoluene
Concen: 16.56 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	63.4





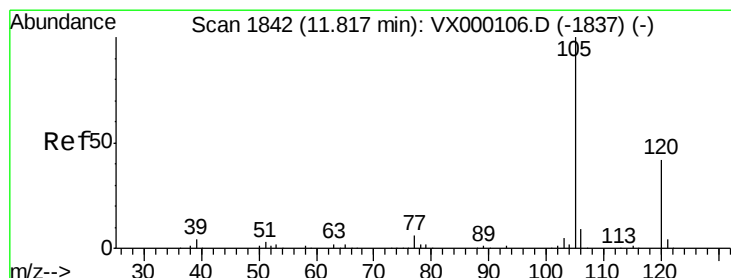
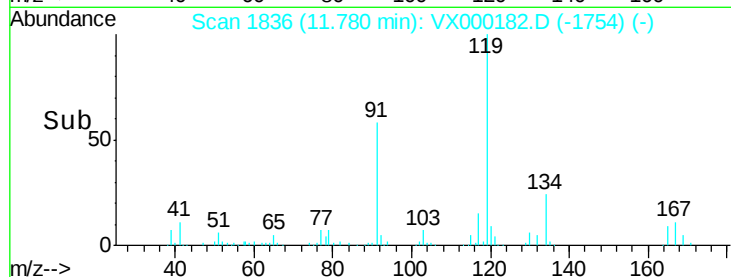
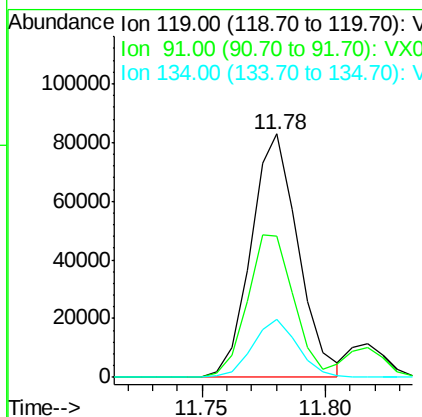
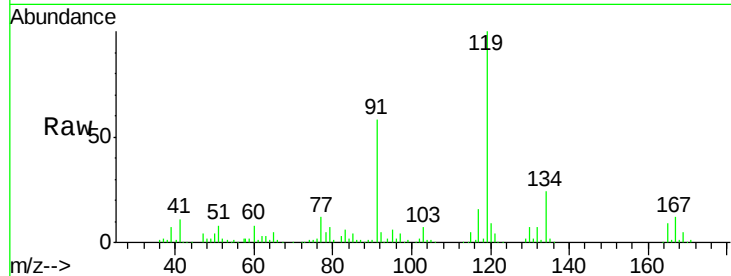
#79
tert-butylbenzene
Concen: 16.47 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampled :
VX0301WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110003		
91	26.0		0.0	51.6
134	28.9		0.0	60.2

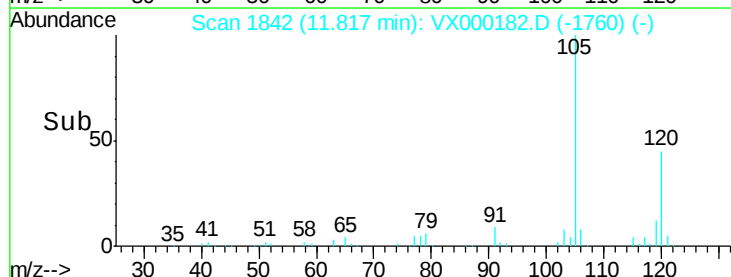
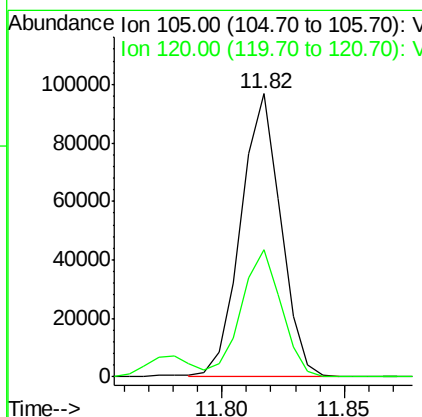
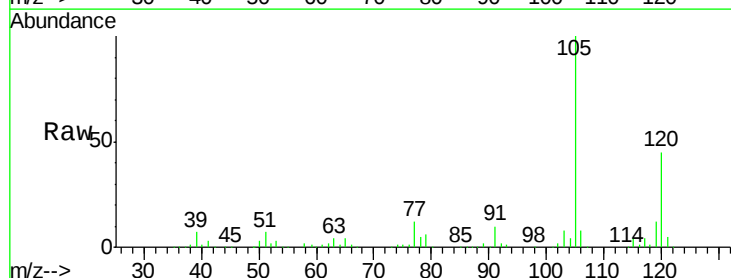
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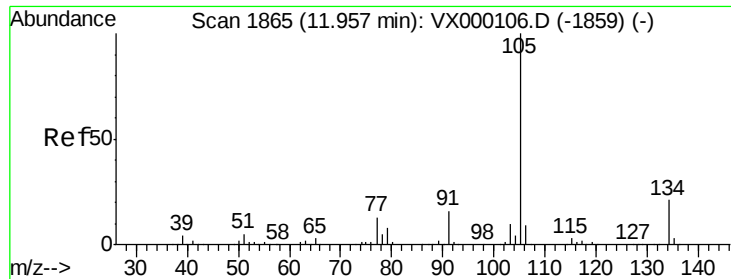
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#80
1,2,4-Trimethylbenzene
Concen: 16.11 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110248		
120	44.8		0.0	93.0





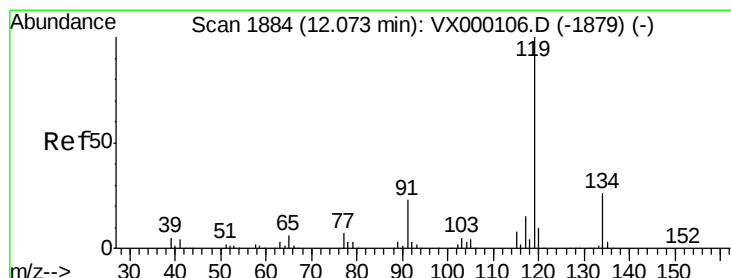
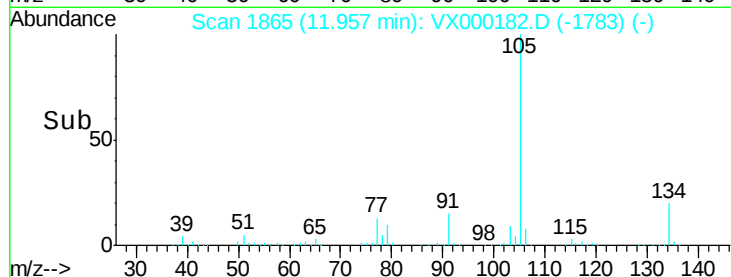
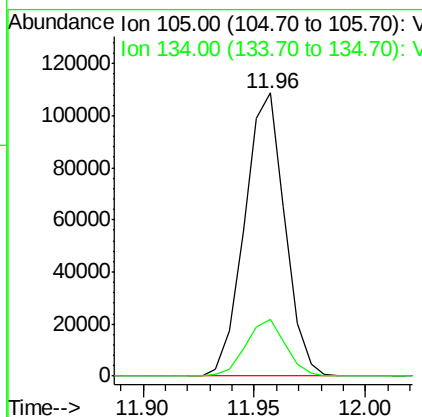
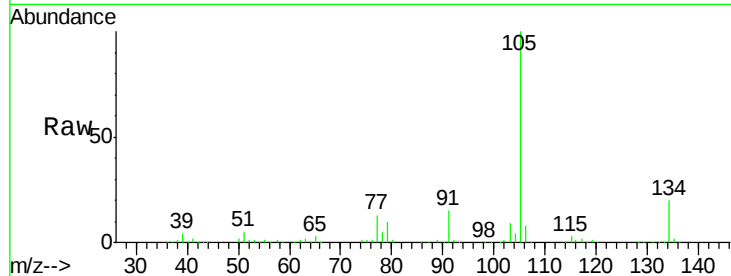
#81
 sec-Butylbenzene
 Concen: 16.61 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	137101		
134	19.7	0.0	41.8	

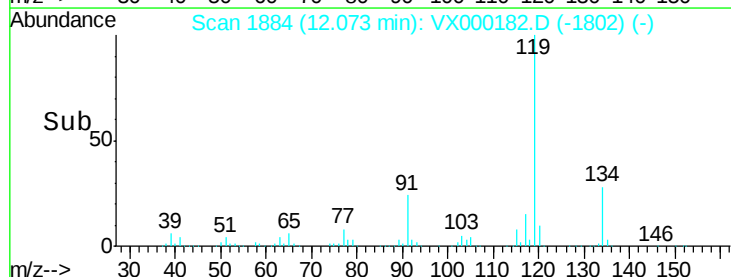
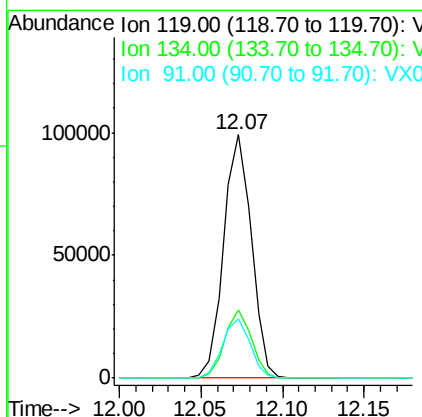
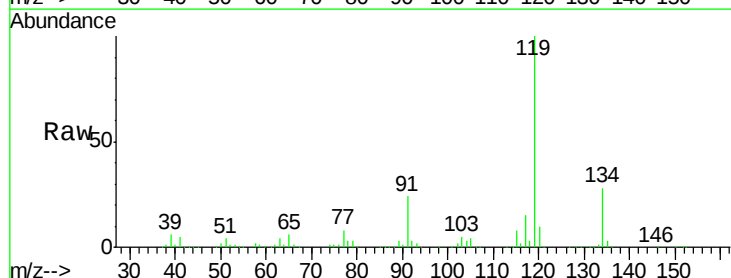
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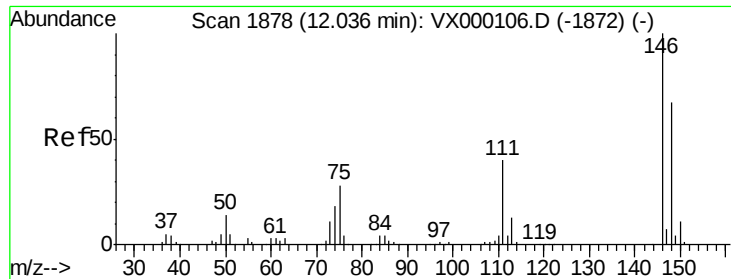
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#82
 p-Isopropyltoluene
 Concen: 15.96 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	117571		
134	27.0	0.0	54.4	
91	24.3	0.0	46.6	





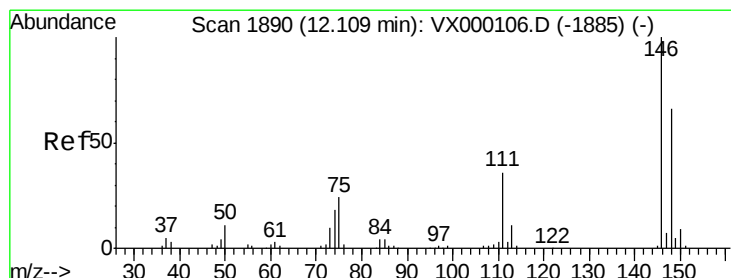
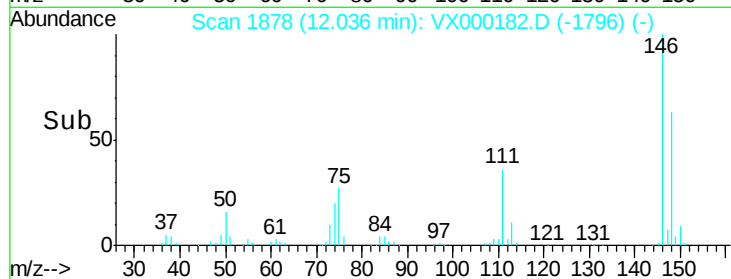
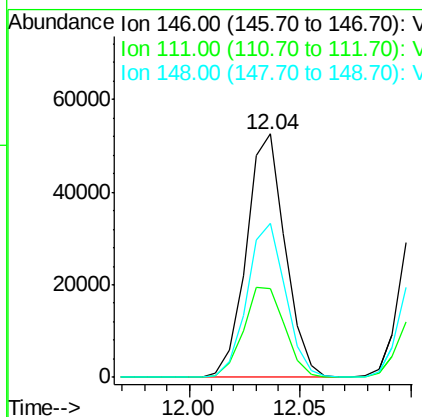
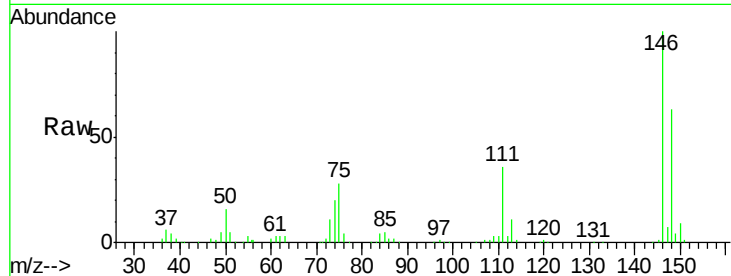
#83
 1,3-Dichlorobenzene
 Concen: 16.17 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	62.8	32.6	97.7

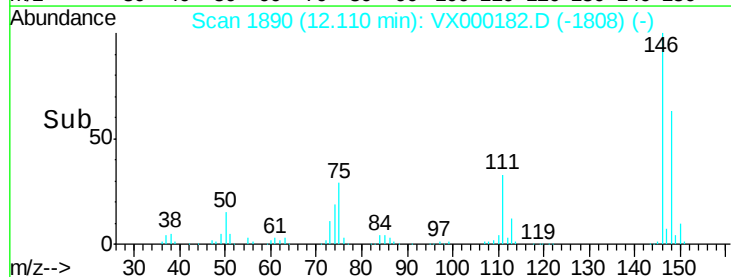
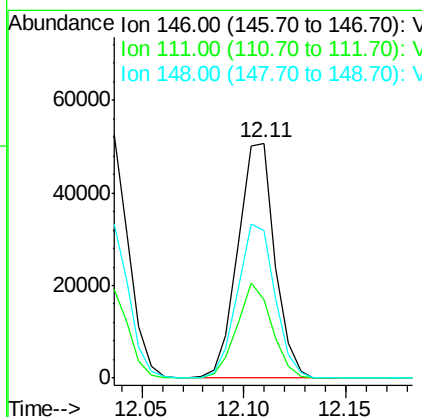
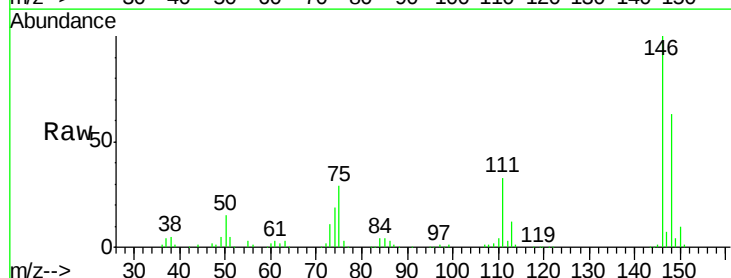
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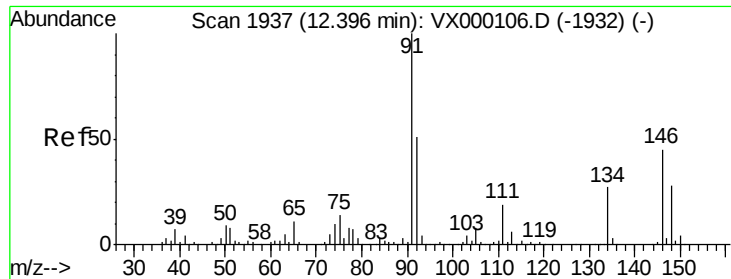
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#84
 1,4-Dichlorobenzene
 Concen: 15.51 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.0
148	66.6	31.9	95.7





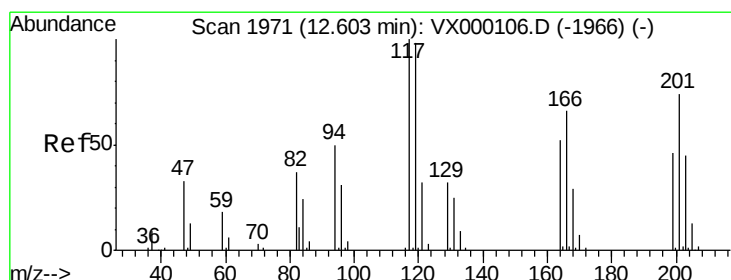
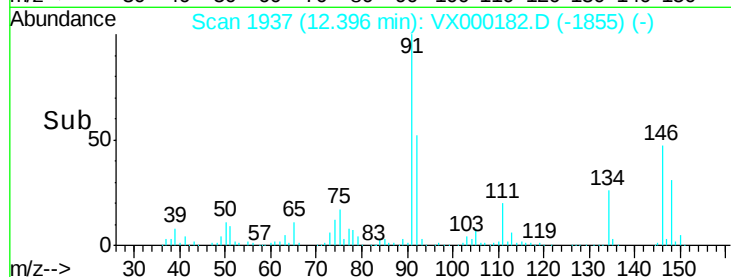
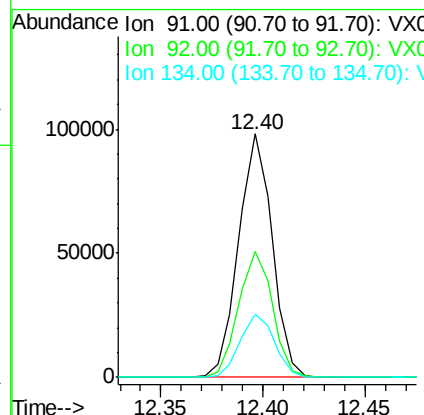
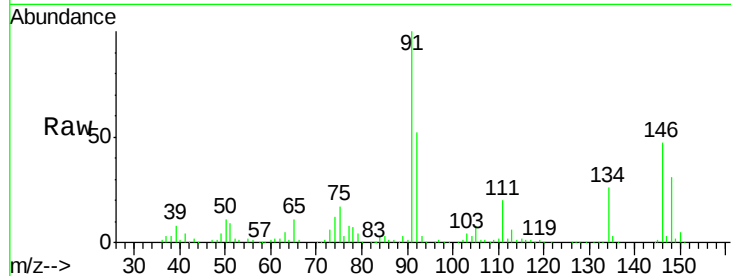
#85
n-Butylbenzene
Concen: 16.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Instrument :
ClientSampleId :
VX0301WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	111907		
92	52.0	0.0	102.0	
134	26.5	0.0	54.2	

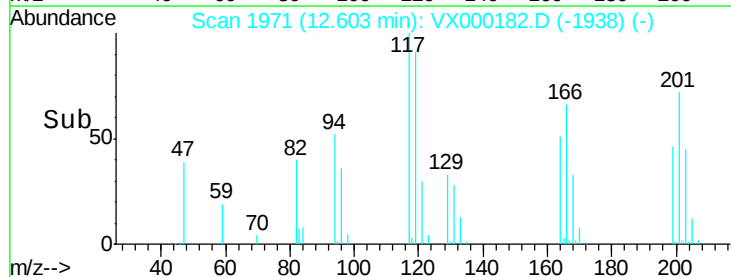
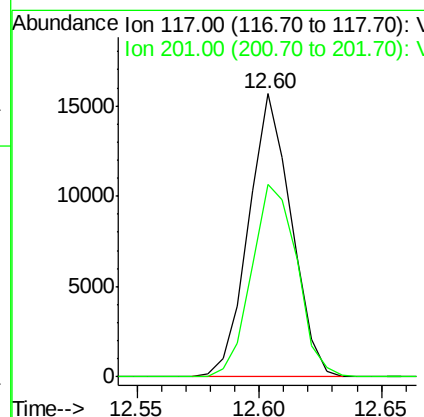
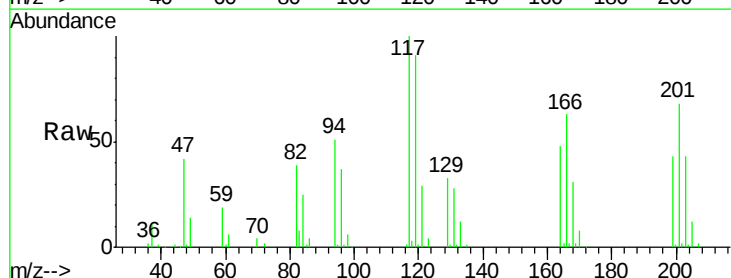
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#86
Hexachloroethane
Concen: 15.51 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000182.D
Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19077		
201	72.7	38.9	116.6	





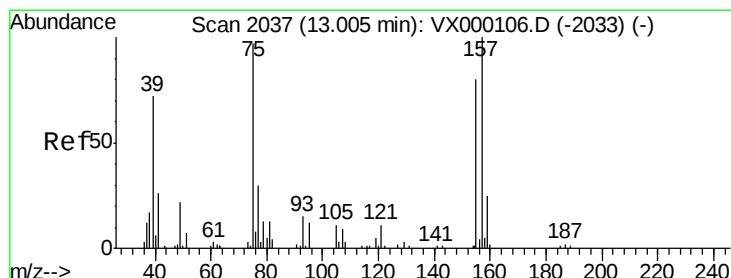
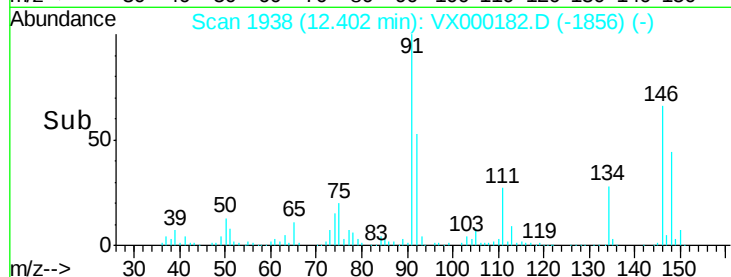
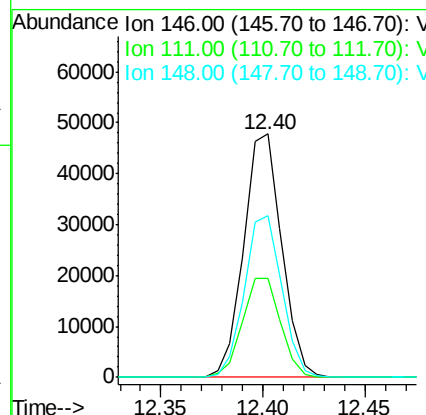
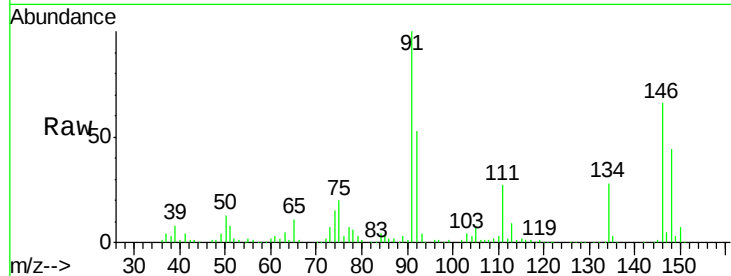
#87
 1,2-Dichlorobenzene
 Concen: 15.78 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	65.7	31.6	95.0

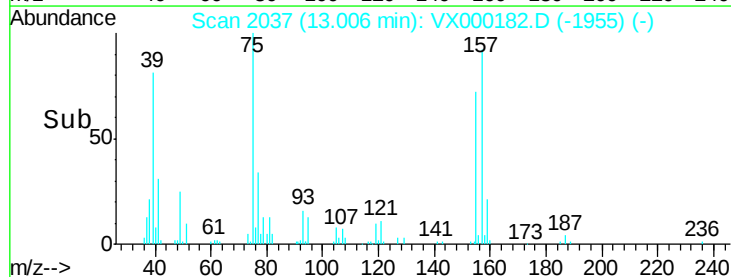
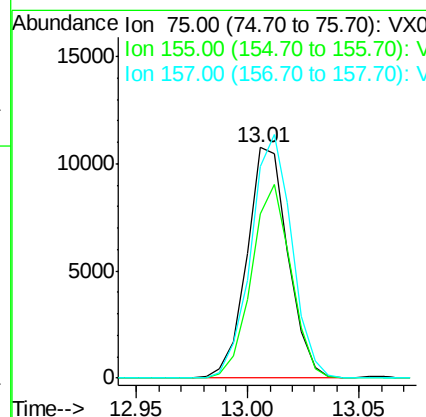
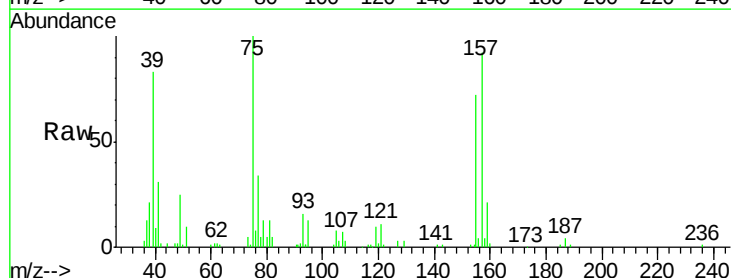
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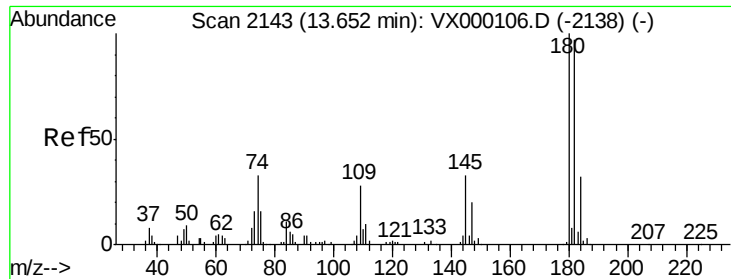
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.18 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	75.1	112.7
157	104.9	99.0	148.4





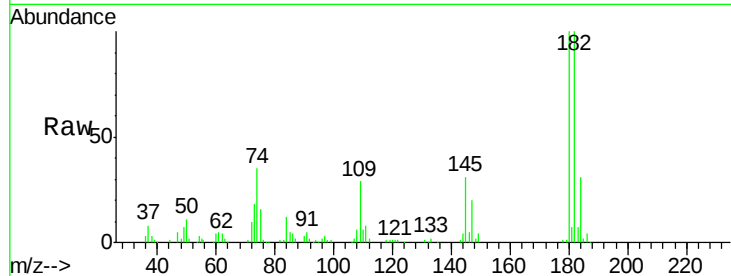
#89
 1,2,4-Trichlorobenzene
 Concen: 15.86 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Instrument :
 ClientSampled :
 VX0301WBSD02

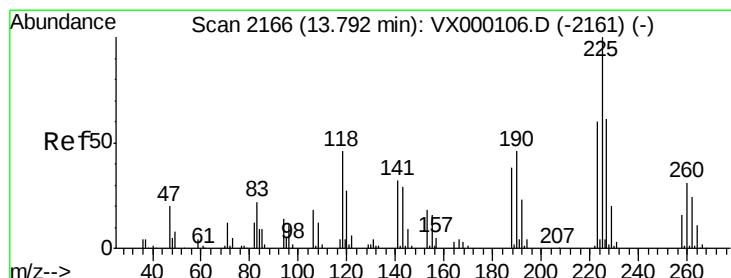
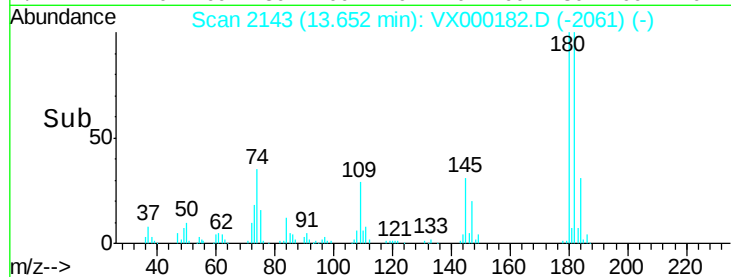
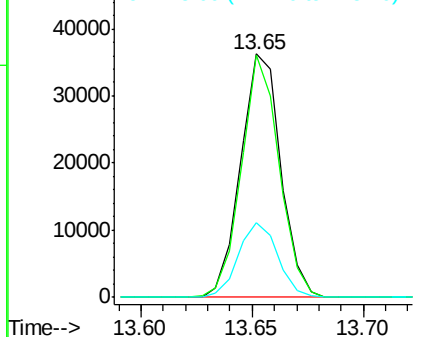
Tot Ion	Ratio	Resp	Lower	Upper
180	100	45601		
182	93.9	76.3	114.5	
145	30.2	24.6	37.0	

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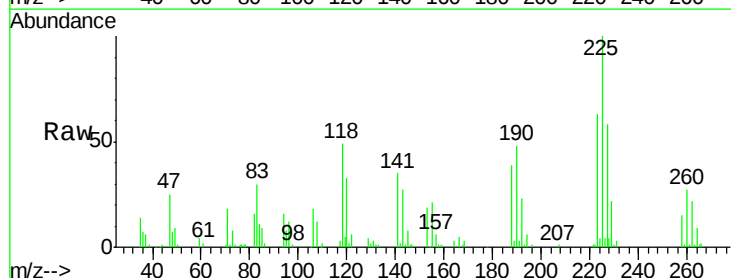


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

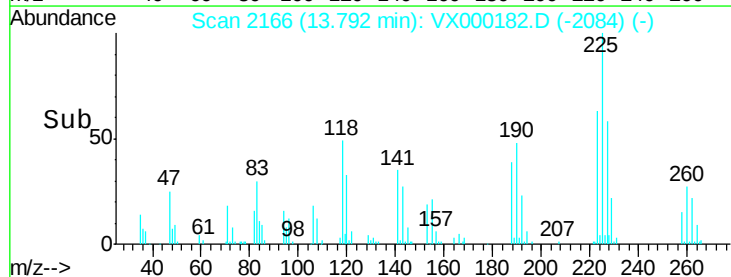
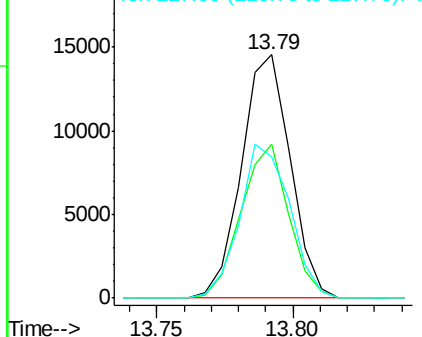


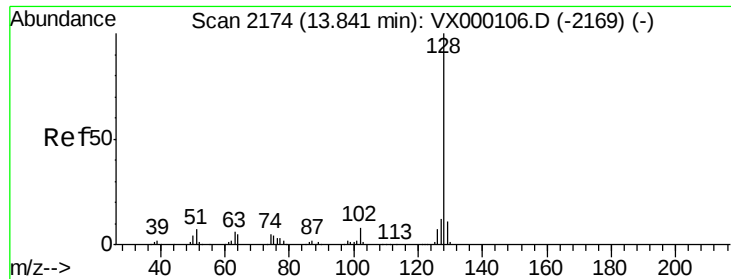
#90
 Hexachlorobutadiene
 Concen: 14.57 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000182.D
 Acq: 01 Mar 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	18055		
223	61.9	0.0	131.2	
227	65.0	0.0	127.6	



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 16.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Instrument :

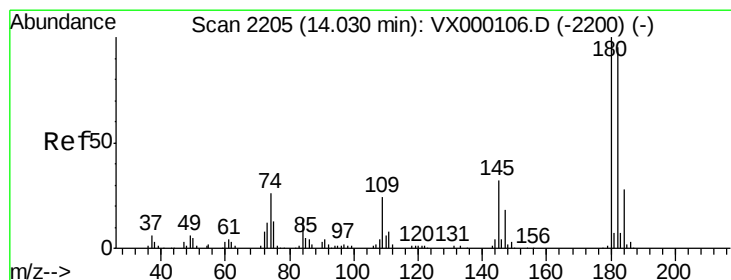
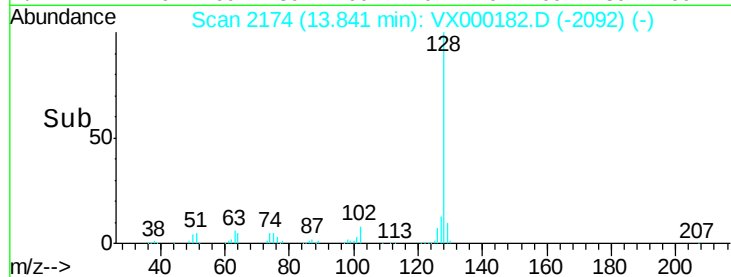
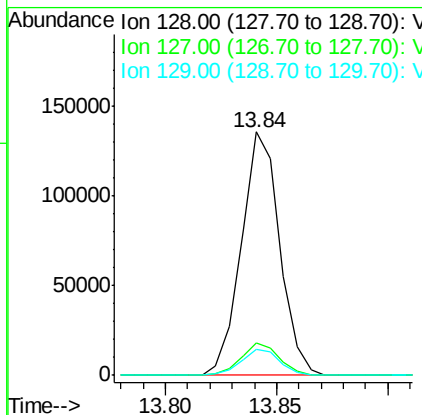
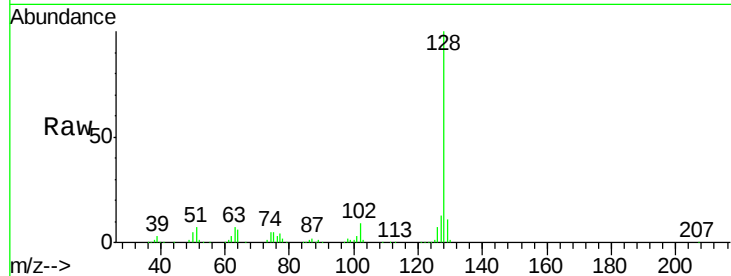
ClientSampled :

VX0301WBSD02

Tot Ion:	128	Resp:	162339
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	9.0	13.6

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#92

1,2,3-Trichlorobenzene

Concen: 15.58 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000182.D

Acq: 01 Mar 2018 13:53

Tgt Ion:	180	Resp:	45054
Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	188.6
145	31.7	0.0	65.8

