

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000118.D
 Acq On : 20 Feb 2018 20:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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Quant Time: Feb 21 06:40:26 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	5.03	128	15840	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	95665	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	92225	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	37570	30.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.17%
60) 4-Bromofluorobenzene	11.15	95	45408	30.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.33%
63) Toluene-d8	8.73	98	118466	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	20639	21.00	ug/l	100
3) Chloromethane	1.32	50	20653	20.96	ug/l	98
4) Vinyl Chloride	1.40	62	24678	21.05	ug/l	99
5) Bromomethane	1.64	94	19601	18.14	ug/l	99
6) Chloroethane	1.73	64	16673	22.22	ug/l	97
7) Trichlorofluoromethane	1.93	101	43185	21.26	ug/l	98
8) Diethyl Ether	2.20	74	15260	21.52	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23875	21.55	ug/l	98
10) 1,1-Dichloroethene	2.38	96	22733	21.48	ug/l	97
11) Methyl Iodide	2.51	142	23402	22.75	ug/l	97
12) Methyl Acetate	2.79	43	41555	21.97	ug/l	100
13) Acrolein	2.30	56	20982	92.19	ug/l	99
14) Acrylonitrile	3.16	53	85726	104.60	ug/l	99
15) Acetone	2.45	58	26618	99.62	ug/l	93
16) Carbon Disulfide	2.57	76	62726	20.72	ug/l	98
17) Allyl chloride	2.73	41	37477	20.77	ug/l	97
18) Methylene Chloride	2.86	84	24826	21.52	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	24373	21.17	ug/l	97
20) Diisopropyl ether	3.89	45	58728	20.61	ug/l	93
21) 1,1-Dichloroethane	3.70	63	32851	17.49	ug/l	99
22) cis-1,2-Dichloroethene	4.61	96	22163	20.72	ug/l	99
23) tert-Butyl Alcohol	3.09	59	49663	106.01	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	78824	21.61	ug/l	100
25) Chloroform	5.23	83	38324	20.58	ug/l	98
26) Cyclohexane	5.59	56	31217	21.20	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	28527	20.48	ug/l	100
30) 2-Butanone	4.73	43	112696	105.09	ug/l	99
31) 2,2-Dichloropropane	4.60	77	28816	19.23	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	35254	20.91	ug/l	98
33) Carbon Tetrachloride	5.80	117	30916	20.65	ug/l	95
34) Benzene	6.15	78	83489	20.83	ug/l #	94
35) Methacrylonitrile	5.08	41	20383	20.64	ug/l	91
36) 1,2-Dichloroethane	6.21	62	31819	20.93	ug/l	100
37) Trichloroethene	7.23	130	24113	20.35	ug/l	93
38) Methylcyclohexane	7.47	83	33474	20.04	ug/l	98
39) 1,2-Dichloropropane	7.52	63	20846	20.83	ug/l	99
40) Dibromomethane	7.68	93	16519	21.42	ug/l	95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	29742	20.29	ug/l	92
42) Vinyl Acetate	3.84	43	274643	100.48	ug/l	100
43) Ethyl Acetate	4.88	43	39612	21.03	ug/l	99
44) Isopropyl Acetate	6.48	43	57858	20.93	ug/l	99
45) 1,4-Dioxane	7.77	88	14122	406.29	ug/l	96
46) Methyl methacrylate	7.79	41	28826	21.44	ug/l	97
47) n-amyl Acetate	10.91	43	50244	20.82	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	34942	20.48	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	34116	20.55	ug/l	95
50) 1,1,2-Trichloroethane	9.23	97	23120	20.42	ug/l	98
51) Ethyl methacrylate	9.20	69	34694	20.00	ug/l	98
52) 1,3-Dichloropropane	9.38	76	37747	20.79	ug/l	100
53) Dibromochloromethane	9.59	129	26179	20.78	ug/l	99
54) 1,2-Dibromoethane	9.68	107	25560	20.25	ug/l	95
55) 2-Chloroethyl vinyl ether	8.32	63	84141	111.09	ug/l	100
56) Bromoform	10.87	173	19288	18.91	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	215121	106.49	ug/l	99
59) 2-Hexanone	9.51	43	178846	104.56	ug/l	98
61) Tetrachloroethene	9.34	164	22878	20.43	ug/l	96
62) Toluene	8.79	91	99929	20.83	ug/l	98
64) Chlorobenzene	10.15	112	67145	20.71	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	23263	20.25	ug/l	98
66) Ethyl Benzene	10.26	91	112335	20.51	ug/l	99
67) m/p-Xylenes	10.37	106	88536	41.23	ug/l	98
68) o-Xylene	10.71	106	42501	20.38	ug/l	98
69) Styrene	10.72	104	70857	20.51	ug/l	99
70) Isopropylbenzene	11.02	105	114255	20.27	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.28	83	40533	20.90	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	35956m	20.66	ug/l	
73) Bromobenzene	11.26	156	29868	20.21	ug/l	98
74) n-propylbenzene	11.37	91	136029	20.59	ug/l	100
75) 2-Chlorotoluene	11.43	91	77494	20.40	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	99031	20.73	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	11870	19.29	ug/l	93
78) 4-Chlorotoluene	11.52	91	94925	20.86	ug/l	99
79) tert-butylbenzene	11.78	119	98204m	20.65	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	102309	20.99	ug/l	98
81) sec-Butylbenzene	11.96	105	123101	20.94	ug/l	100
82) p-Isopropyltoluene	12.07	119	108757	20.74	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	58794	20.89	ug/l	98
84) 1,4-Dichlorobenzene	12.11	146	59297	20.22	ug/l	99
85) n-Butylbenzene	12.40	91	101866	20.71	ug/l	98
86) Hexachloroethane	12.60	117	17535	20.02	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	57280	20.54	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11387	20.99	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	40366	19.71	ug/l	99
90) Hexachlorobutadiene	13.79	225	16960	19.22	ug/l	100
91) Naphthalene	13.84	128	147869	20.66	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	40867	19.85	ug/l	100

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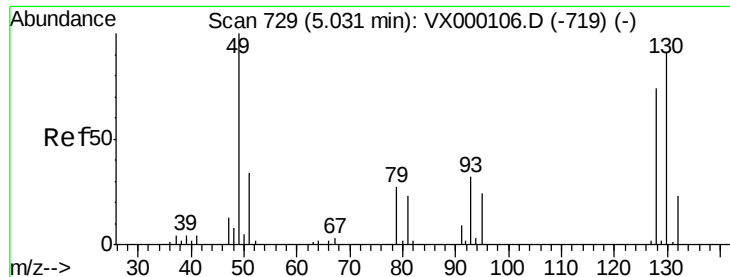
Manual Integrations
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Quant Time: Feb 21 06:40:26 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	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: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

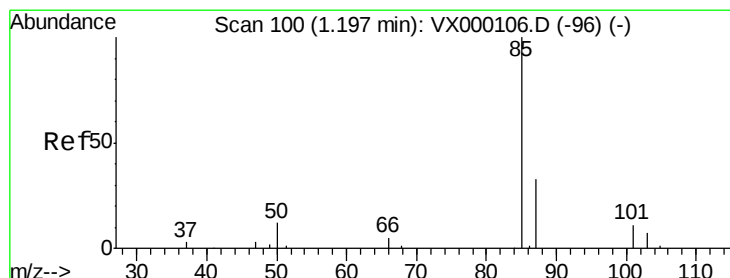
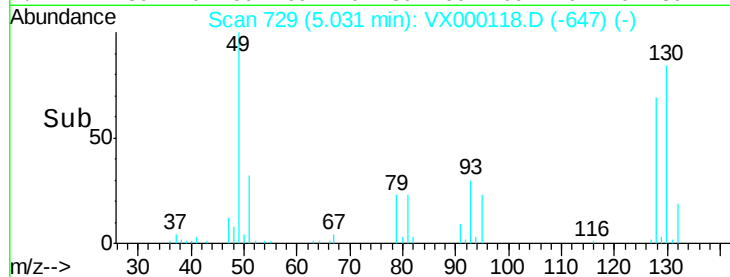
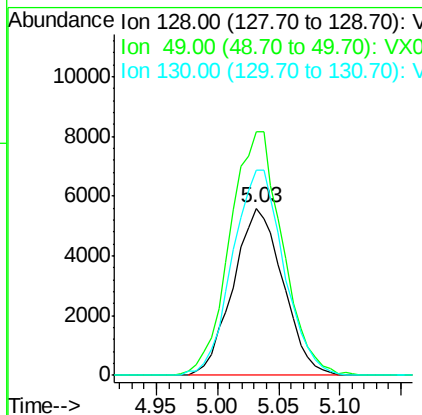
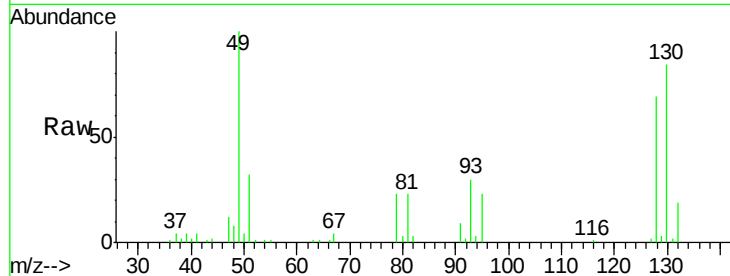
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.4	0.0	378.3
130	126.9	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 21.00 ug/l

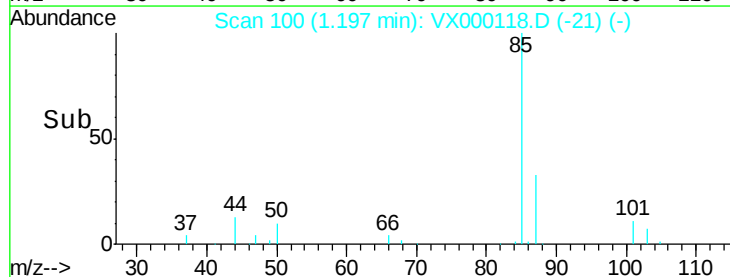
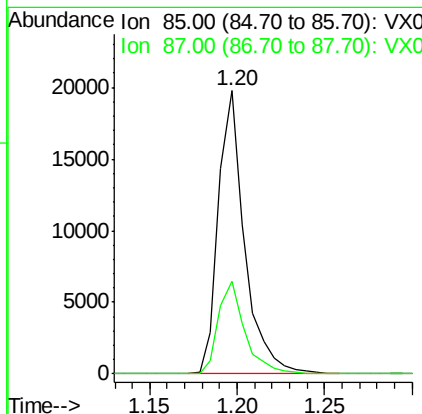
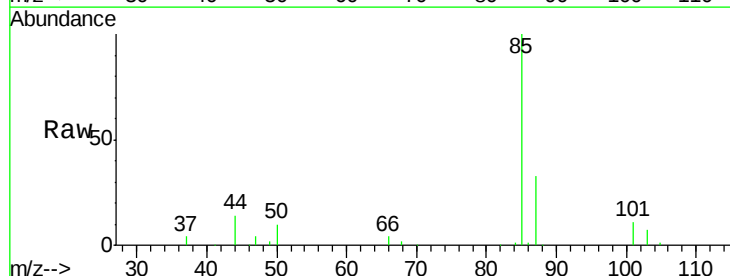
RT: 1.20 min Scan# 100

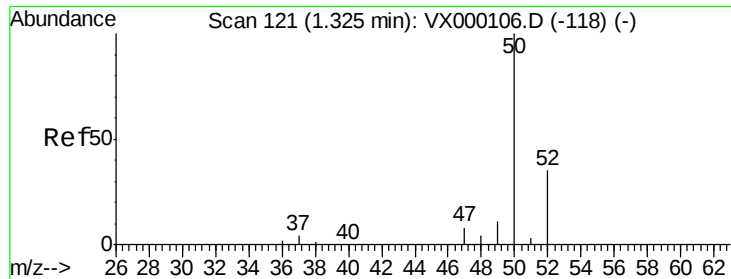
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.7





#3

Chloromethane

Concen: 20.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 20653

Ion Ratio Lower Upper

50 100

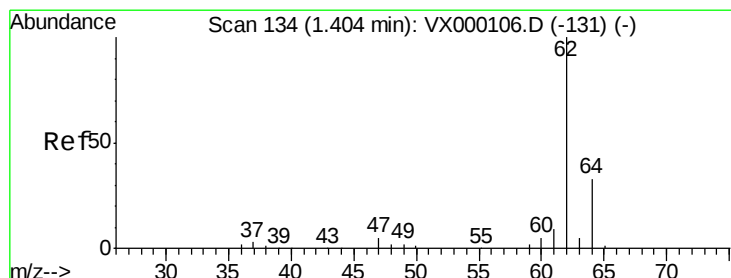
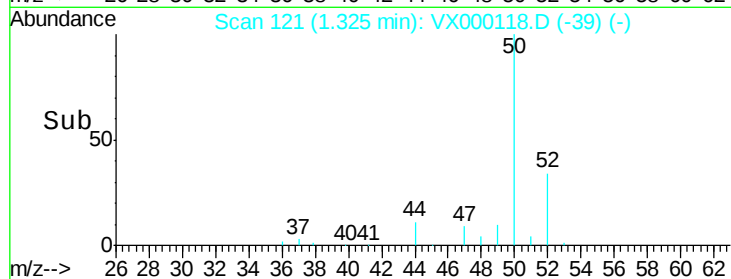
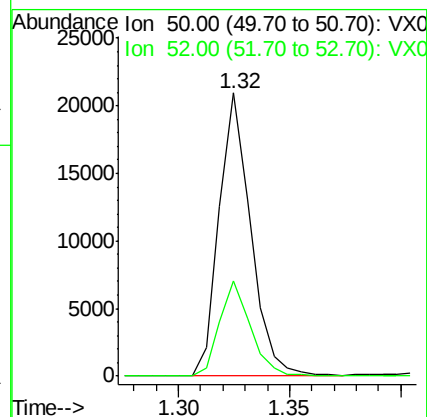
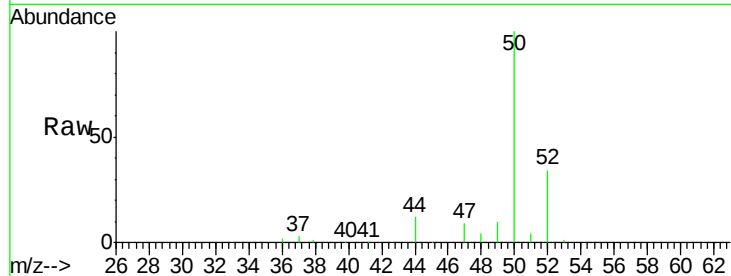
52 33.5 27.8 41.6

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#4

Vinyl Chloride

Concen: 21.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000118.D

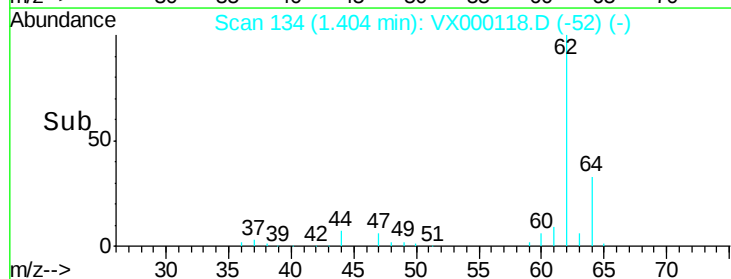
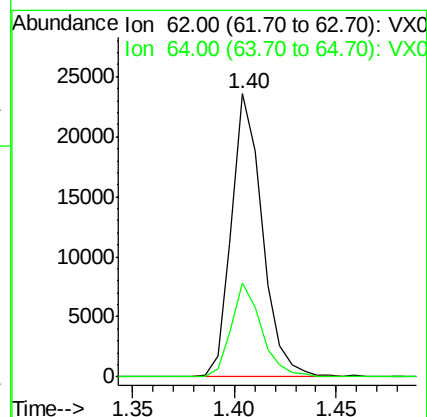
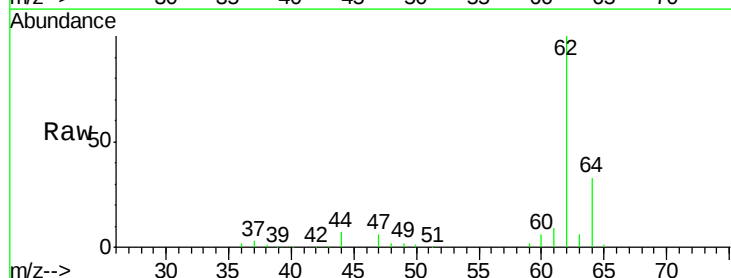
Acq: 20 Feb 2018 20:03

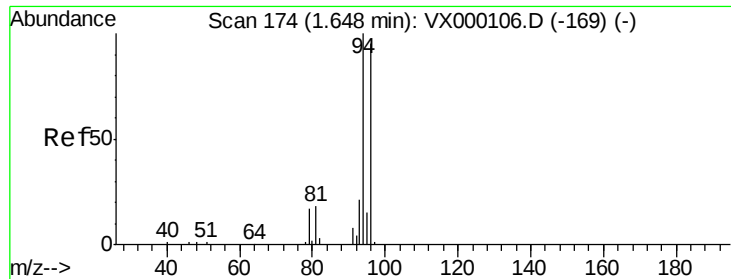
Tgt Ion: 62 Resp: 24678

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0





#5

Bromomethane

Concen: 18.14 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 19601

Ion Ratio Lower Upper

94 100

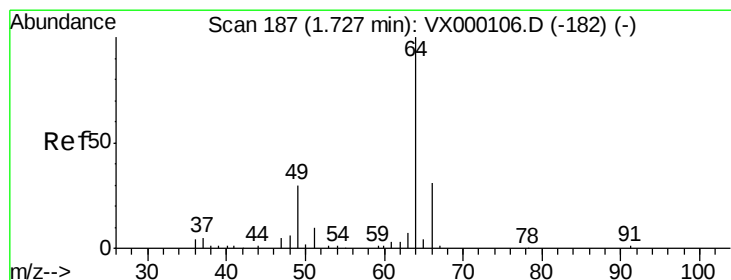
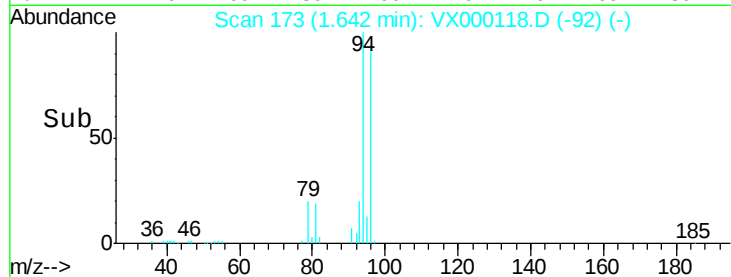
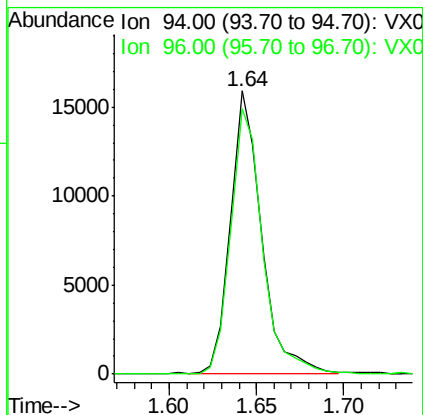
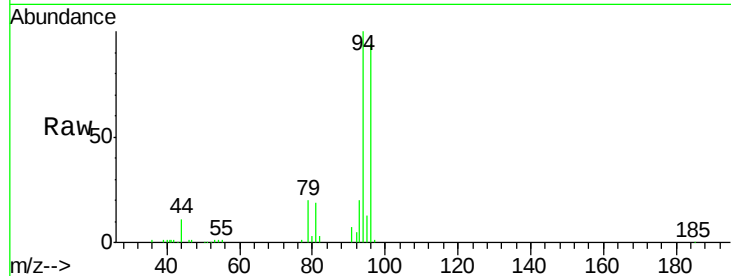
96 94.3 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 22.22 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000118.D

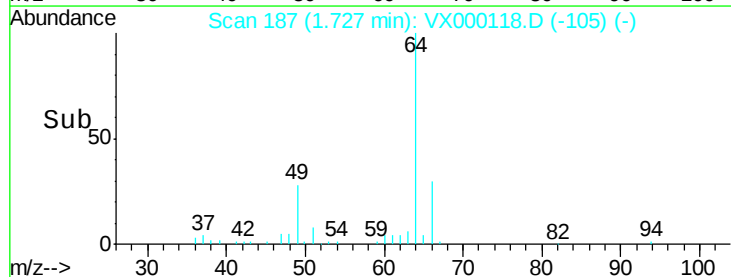
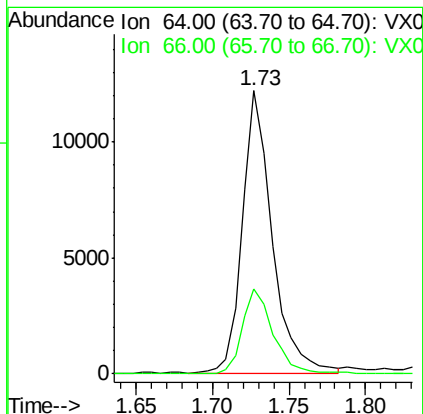
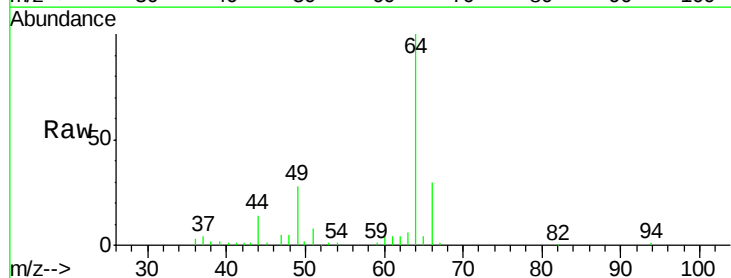
Acq: 20 Feb 2018 20:03

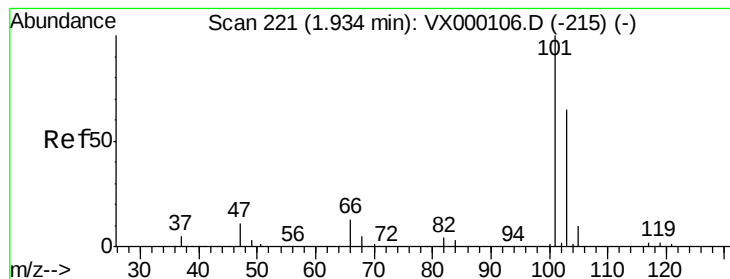
Tgt Ion: 64 Resp: 16673

Ion Ratio Lower Upper

64 100

66 29.9 25.2 37.8





#7

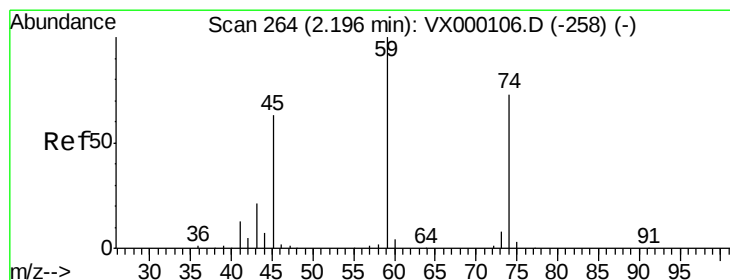
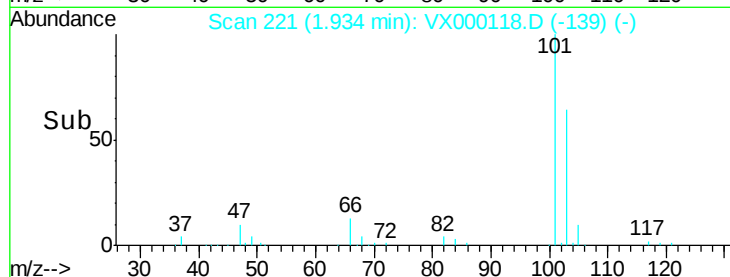
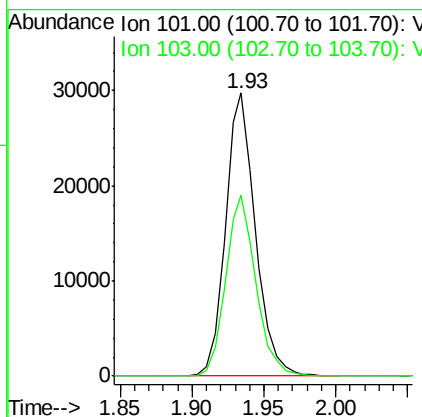
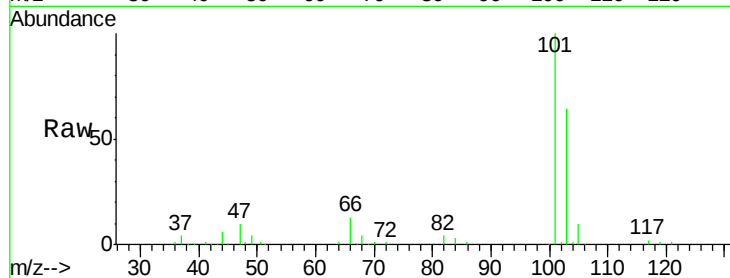
Trichlorofluoromethane
 Concen: 21.26 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.4

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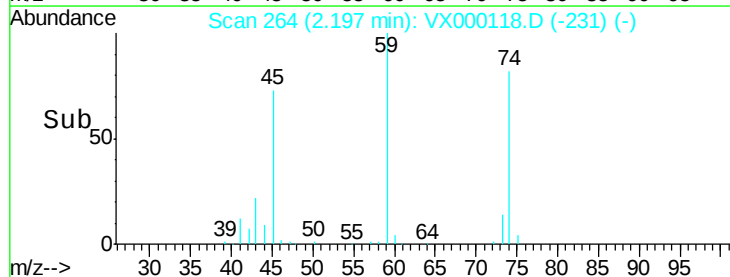
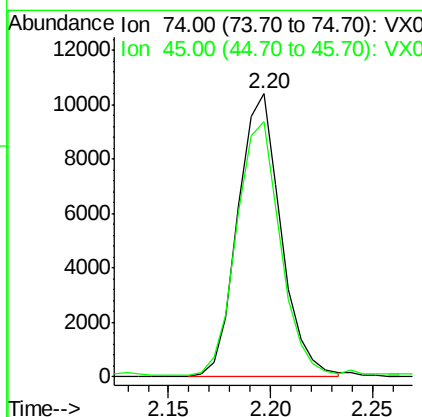
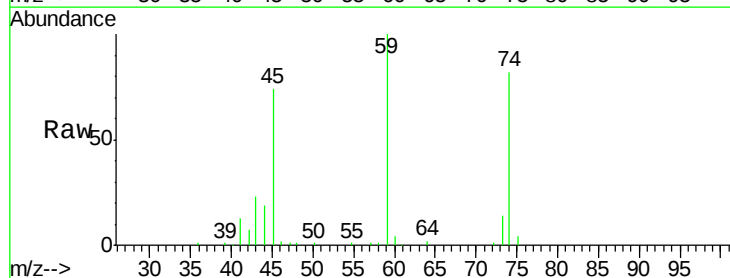
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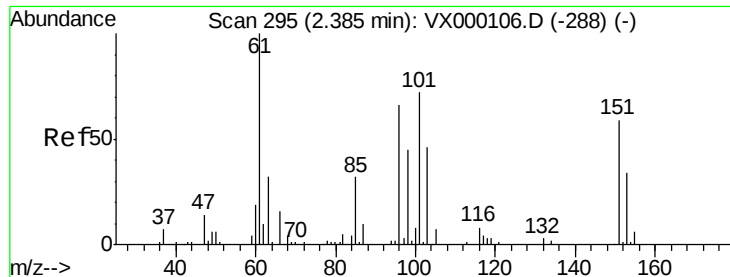


#8

Diethyl Ether
 Concen: 21.52 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.4	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.55 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

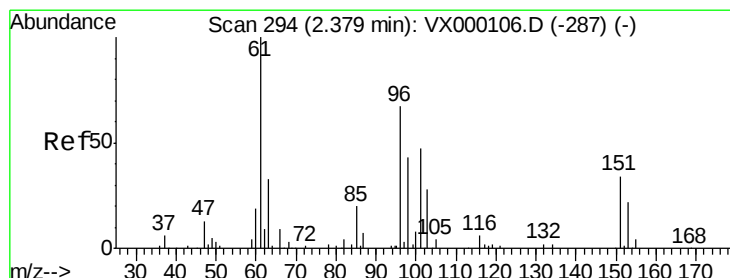
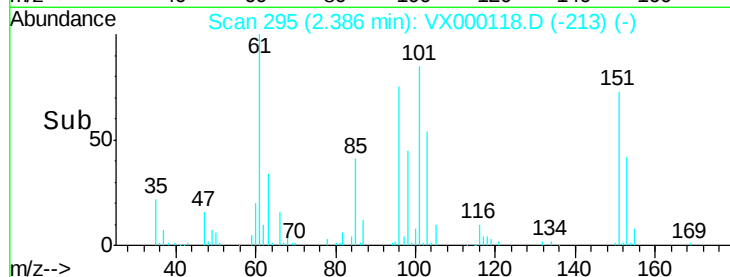
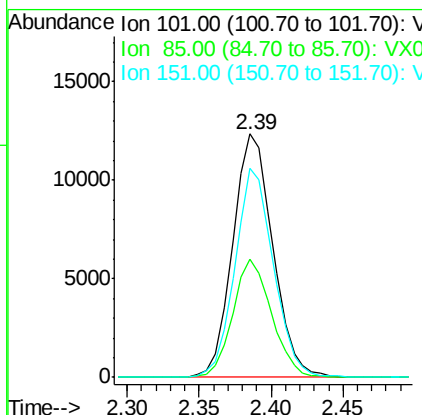
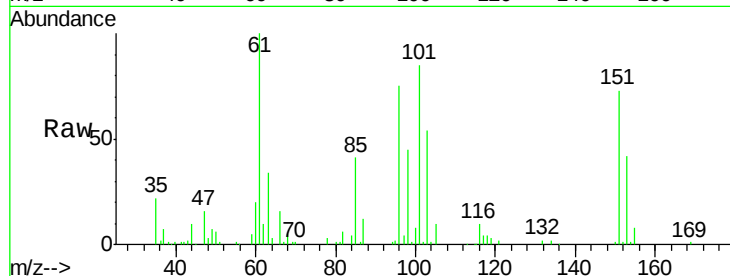
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	23875
Ion Ratio	Lower	Upper	
101	100		
85	47.1	0.0	90.4
151	82.6	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 21.48 ug/l

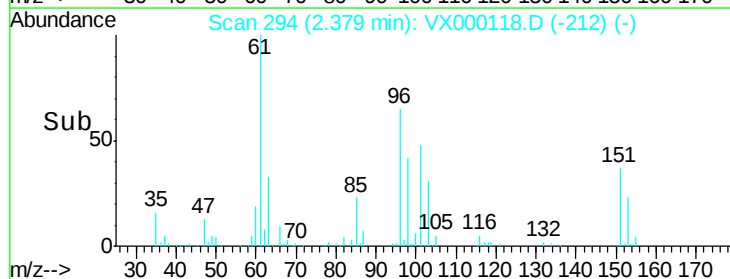
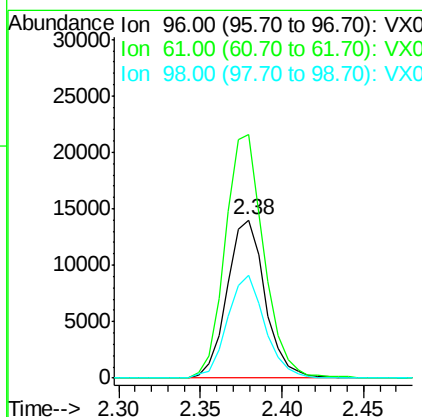
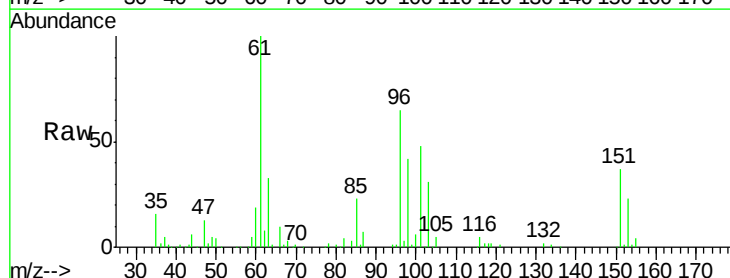
RT: 2.38 min Scan# 294

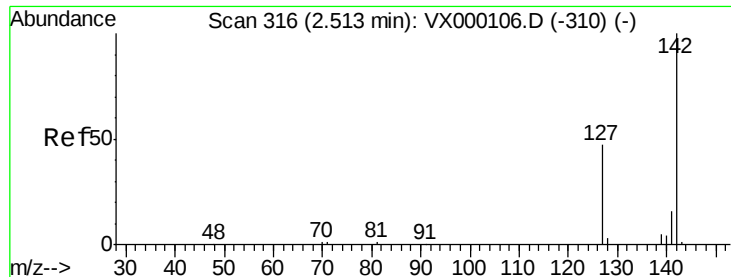
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion:	96	Resp:	22733
Ion Ratio	Lower	Upper	
96	100		
61	153.4	118.6	178.0
98	65.1	51.0	76.6





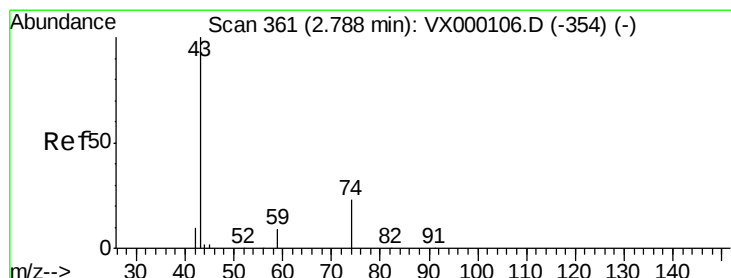
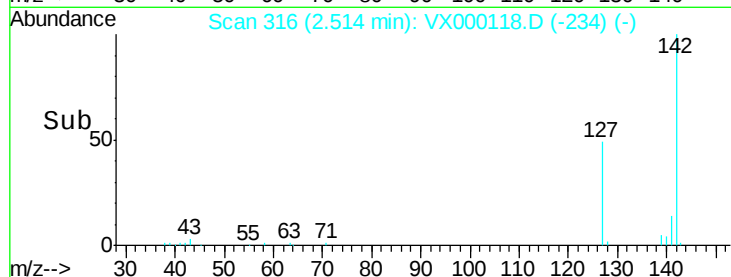
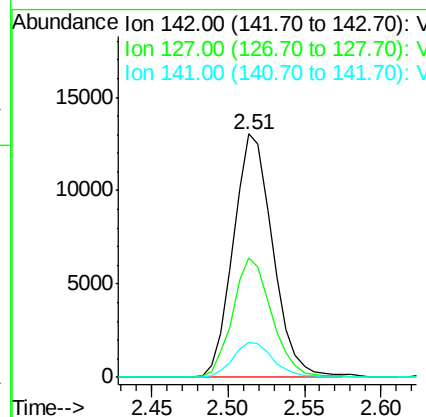
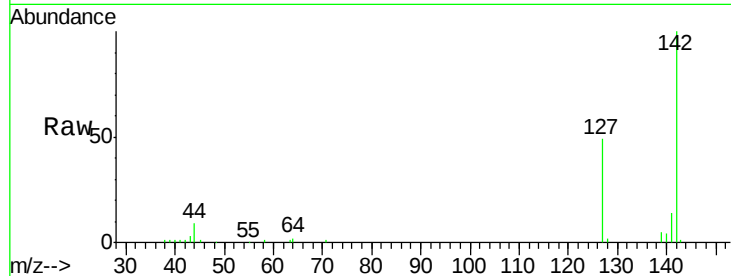
#11
Methvl Iodide
Concen: 22.75 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.3	23.8	71.5
141	14.3	8.2	24.4

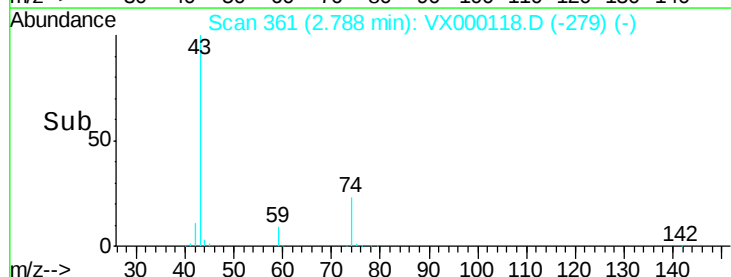
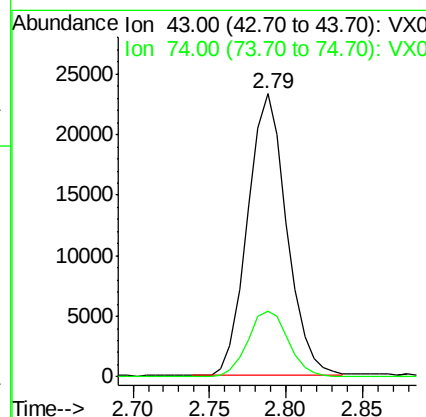
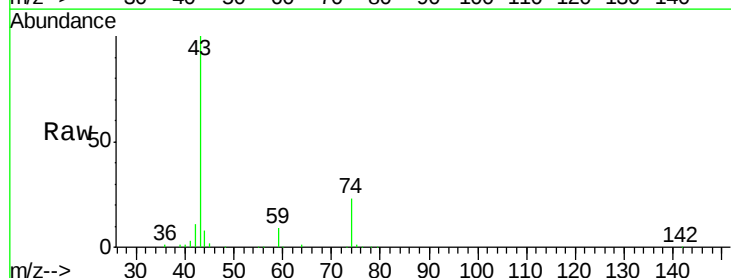
Manual Integrations
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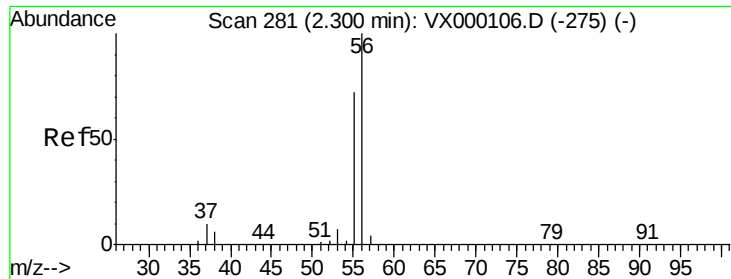
apatel
2/22/2018 4:05:11 PM



#12
Methyl Acetate
Concen: 21.97 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





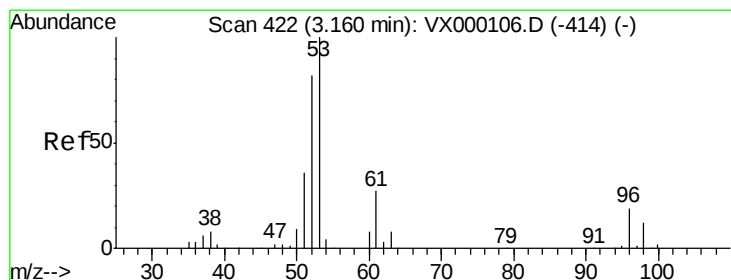
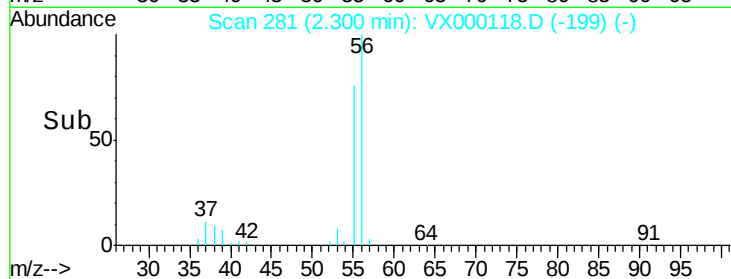
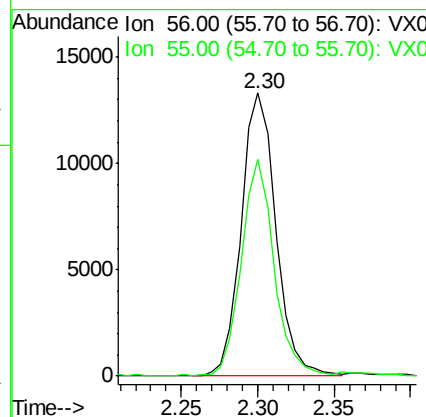
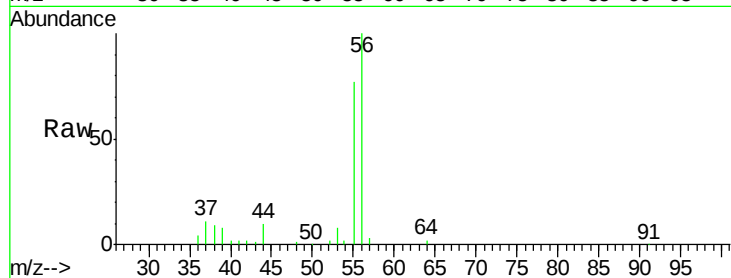
#13
Acrolein
Concen: 92.19 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	56	Resp	20982
Ion Ratio	100	Lower	Upper
55	72.6	57.3	85.9

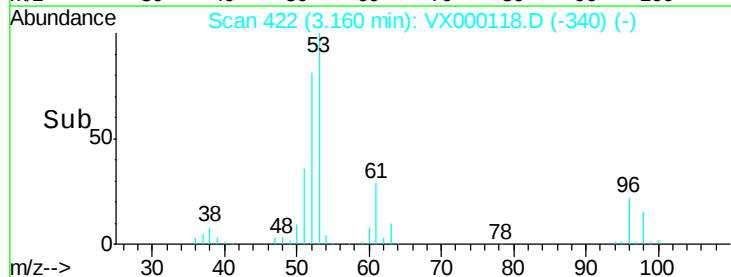
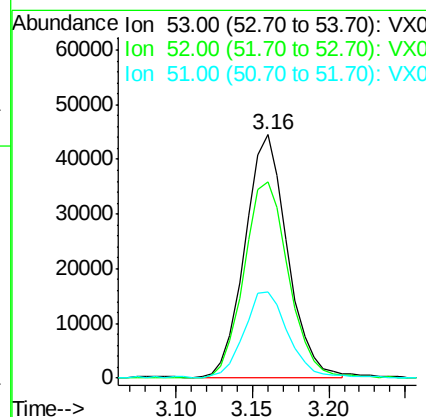
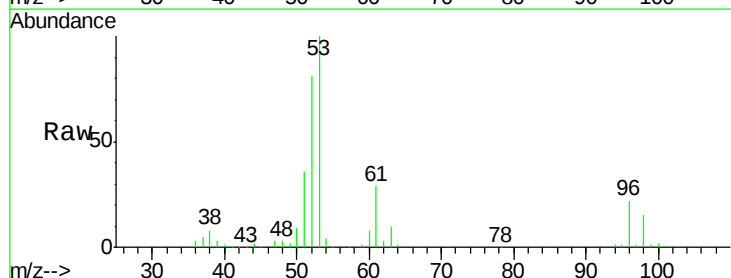
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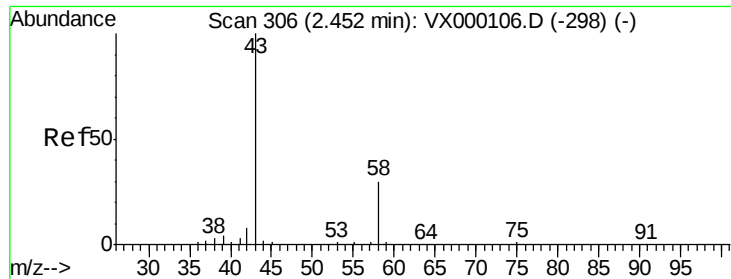
apatel
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#14
Acrylonitrile
Concen: 104.60 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	53	Resp	85726
Ion Ratio	100	Lower	Upper
52	85.4	41.9	125.8
51	37.7	18.8	56.3





#15

Acetone

Concen: 99.62 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 26618

Ion Ratio Lower Upper

58 100

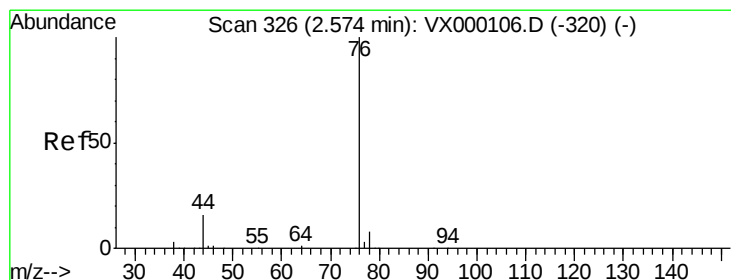
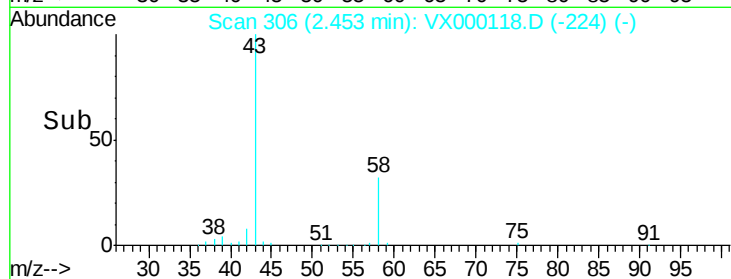
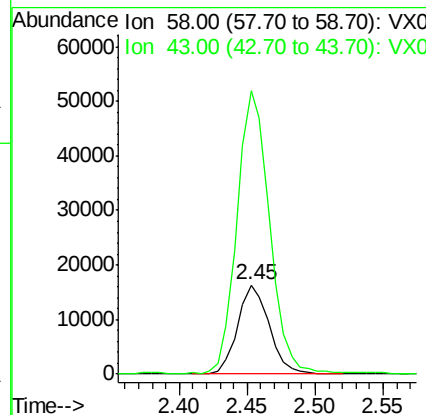
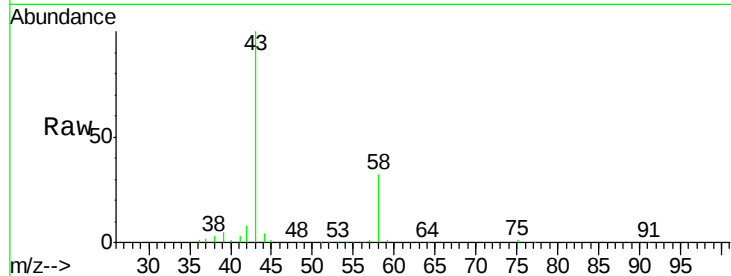
43 315.9 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.72 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000118.D

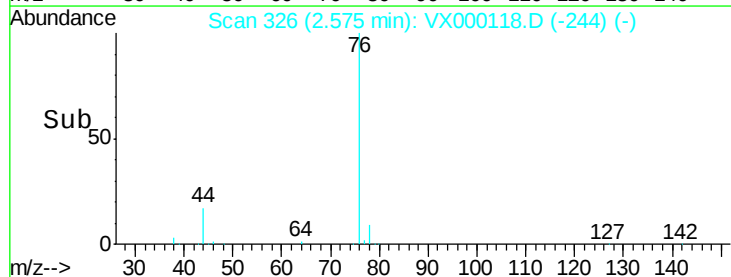
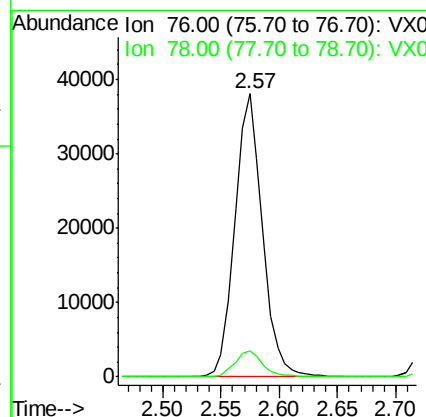
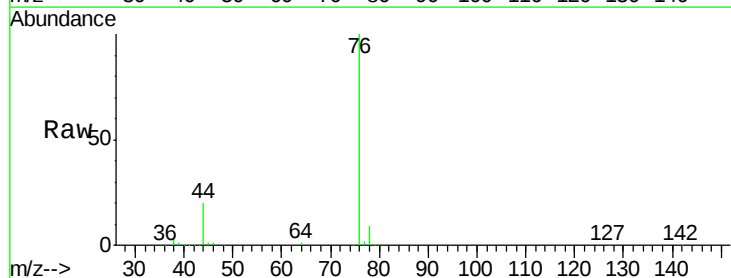
Acq: 20 Feb 2018 20:03

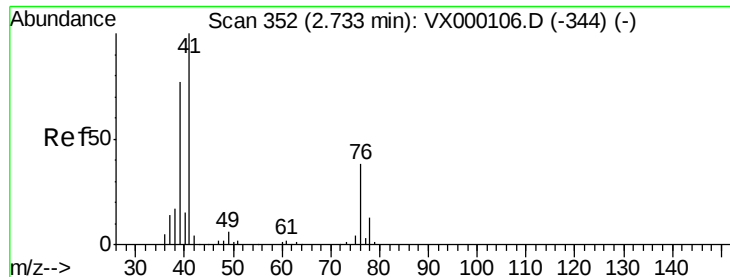
Tgt Ion: 76 Resp: 62726

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2





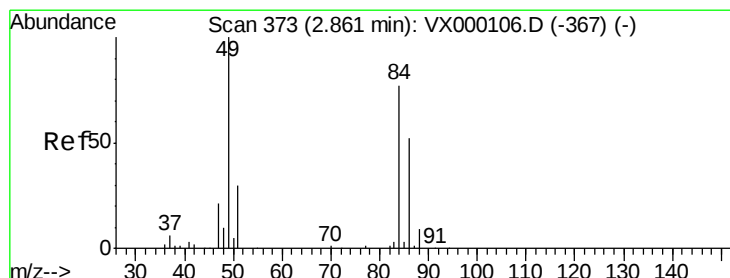
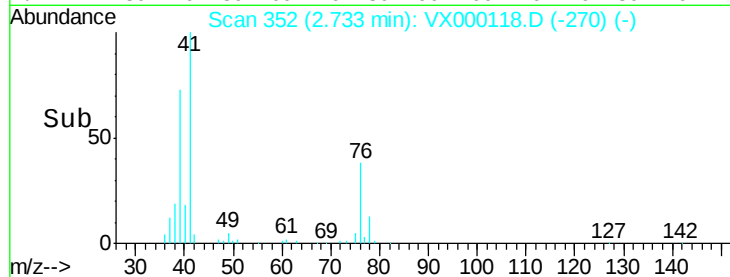
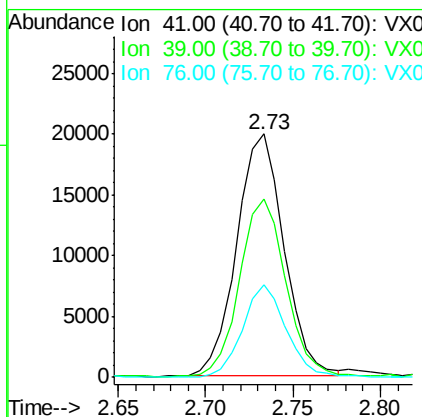
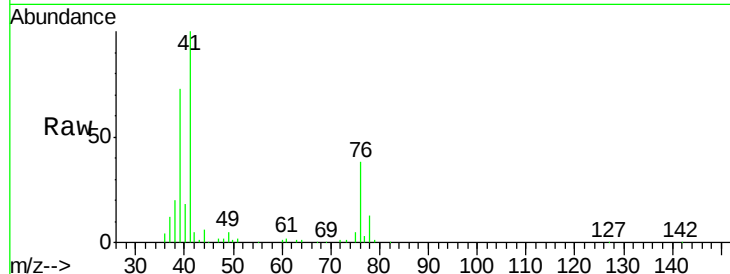
#17
Allvl chloride
Concen: 20.77 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.2	38.5	115.5
76	38.4	18.7	56.1

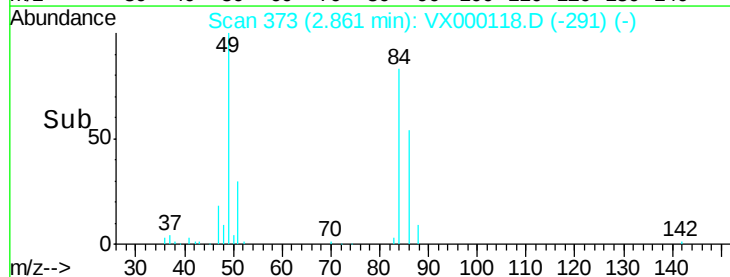
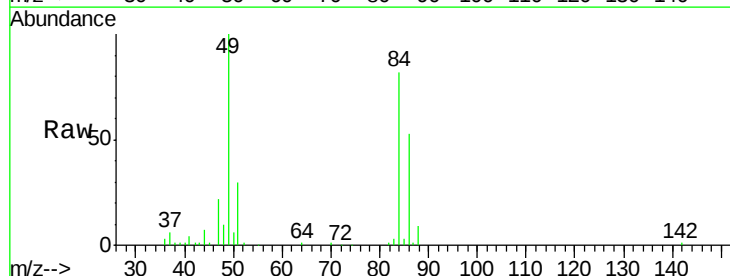
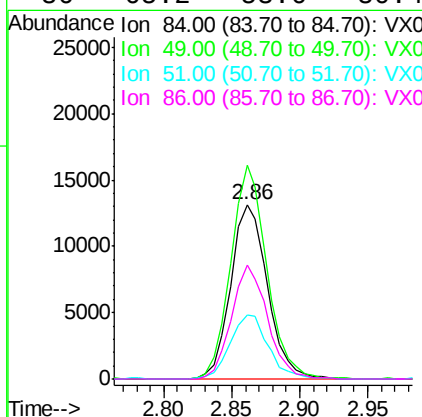
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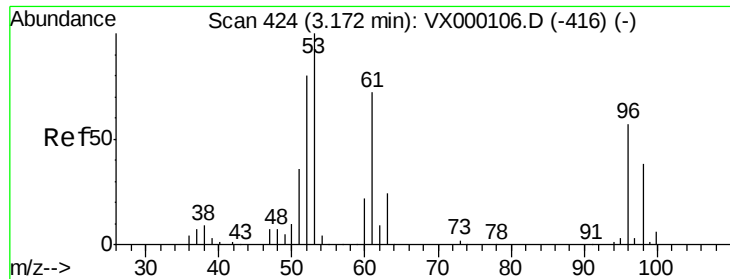
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#18
Methylene Chloride
Concen: 21.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	103.3	154.9
51	36.8	31.2	46.8
86	65.2	53.6	80.4





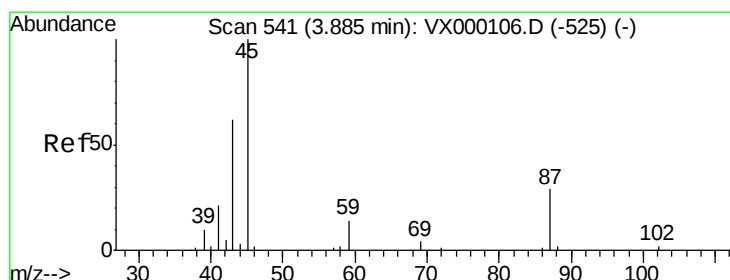
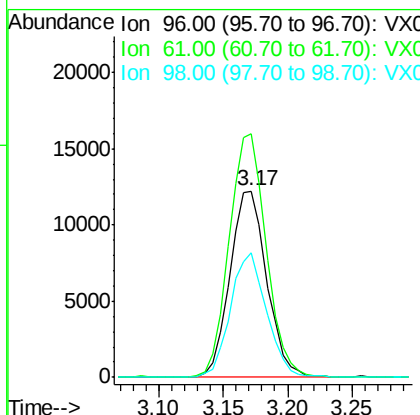
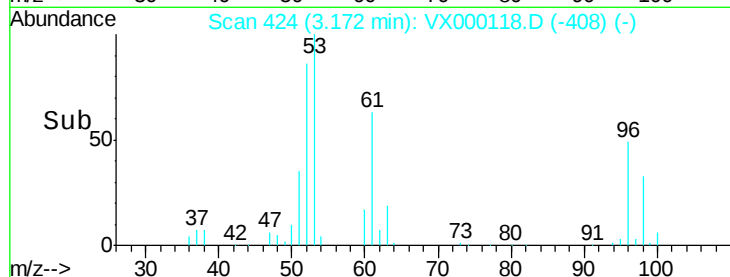
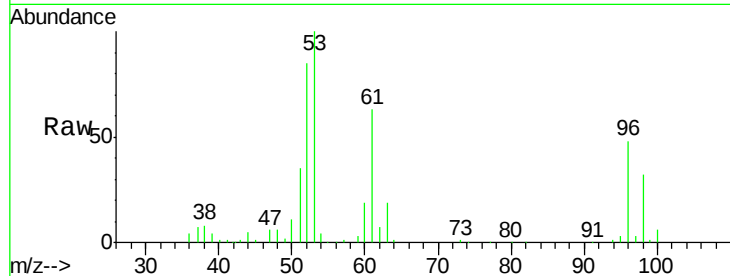
#19
trans-1,2-Dichloroethene
Concen: 21.17 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	101.0	151.6
98	66.9	53.3	79.9

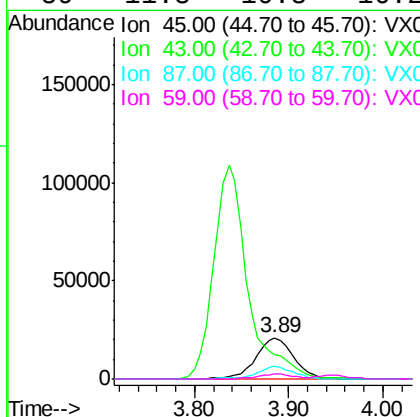
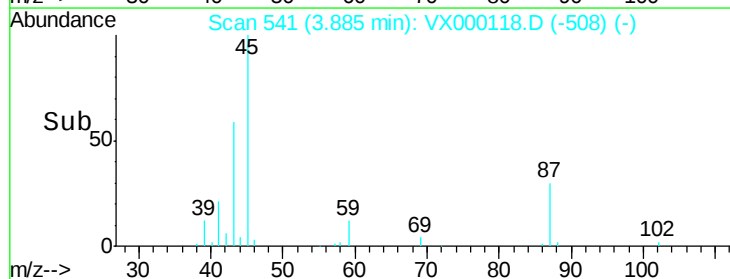
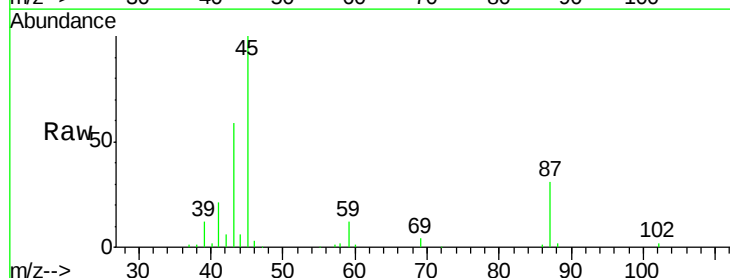
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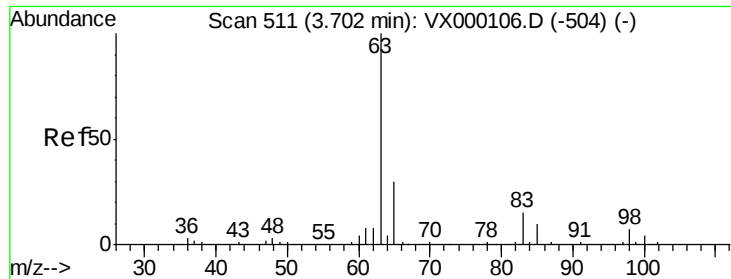
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#20
Diisopropyl ether
Concen: 20.61 ug/l
RT: 3.89 min Scan# 541
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.1	49.6	74.4
87	30.6	23.1	34.7
59	11.8	10.8	16.2





#21

1,1-Dichloroethane

Concen: 17.49 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

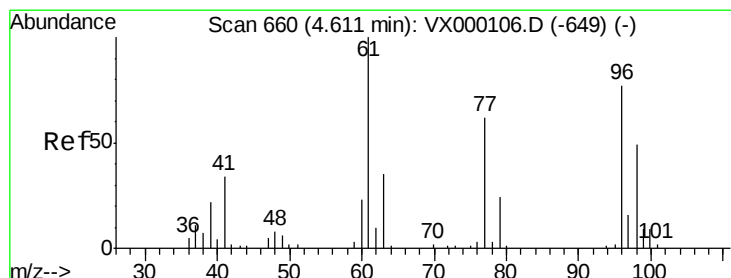
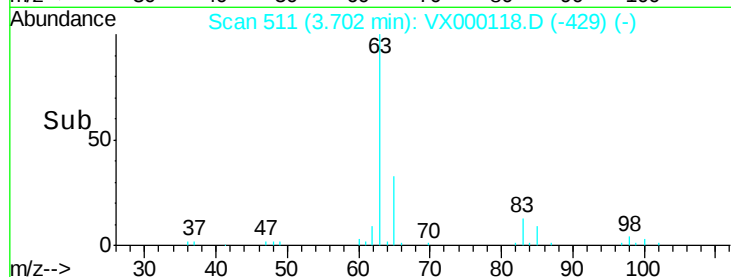
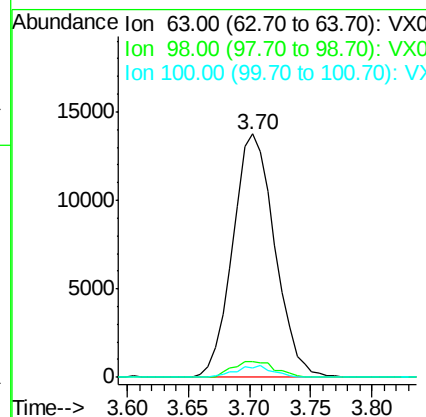
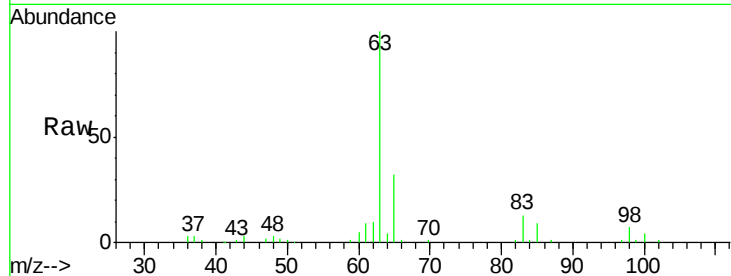
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	32851
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.3	9.9
100	4.0	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.72 ug/l

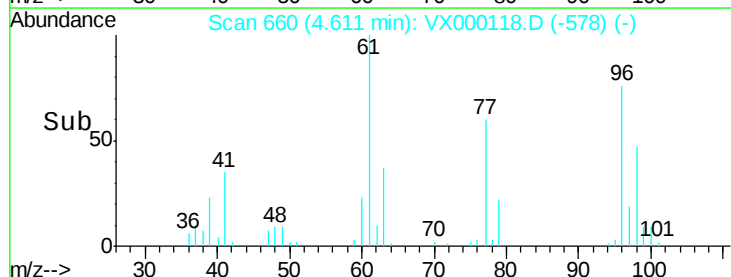
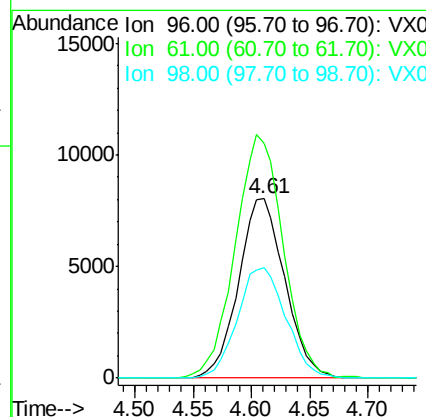
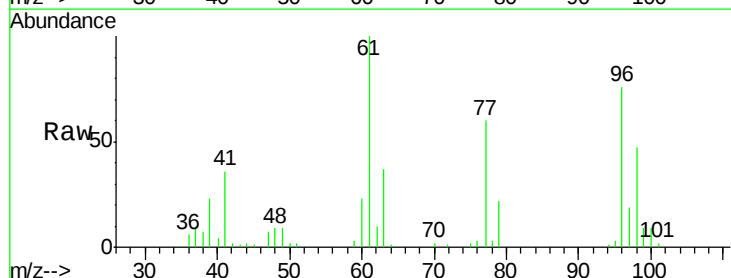
RT: 4.61 min Scan# 660

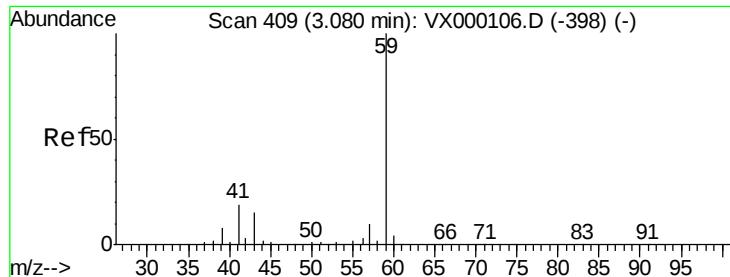
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion:	96	Resp:	22163
Ion Ratio	Lower	Upper	
96	100		
61	140.5	113.5	170.3
98	64.4	51.8	77.8





#23

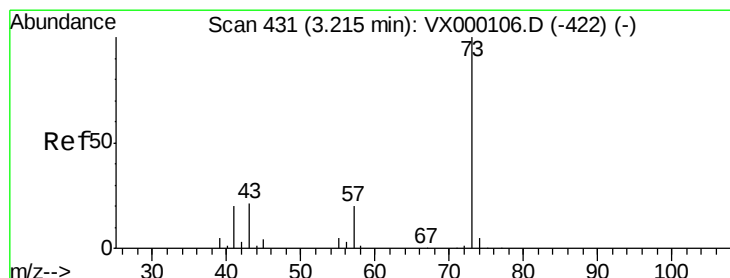
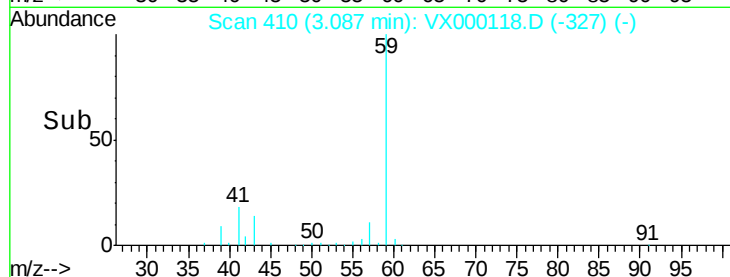
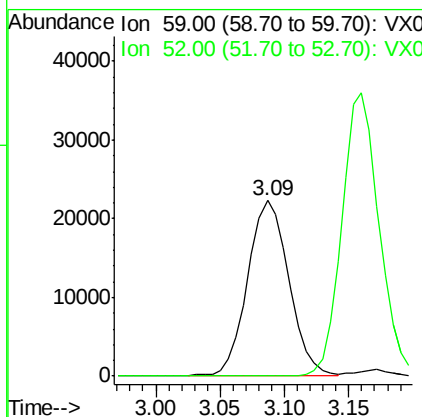
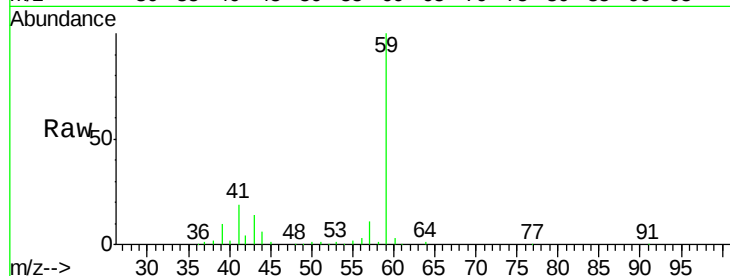
tert-Butyl Alcohol
 Concen: 106.01 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	49663		
52	52	0.2		0.1	0.1#

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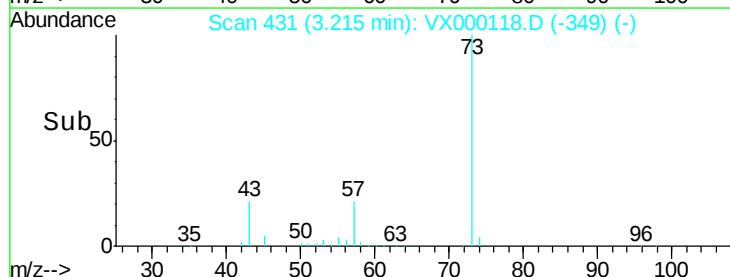
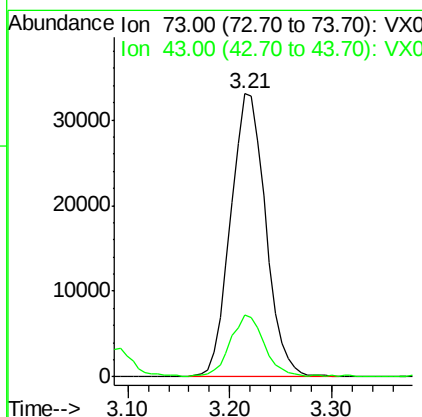
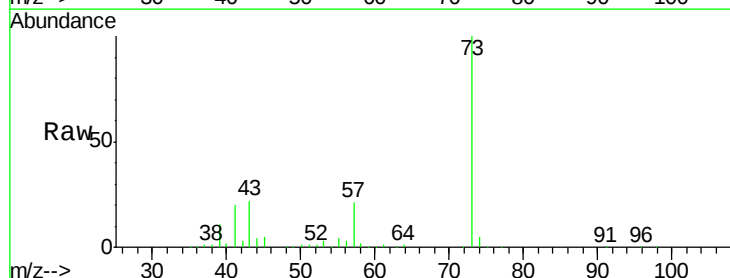
apatel
 2/22/2018 4:05:11 PM

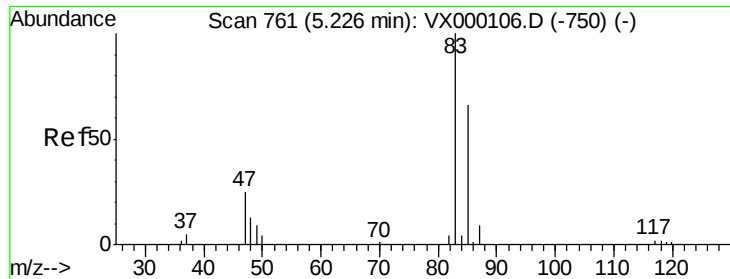


#24

Methyl tert-Butyl Ether
 Concen: 21.61 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	78824		
43	43	20.6		16.5	24.7





#25

Chloroform

Concen: 20.58 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 38324

Ion Ratio Lower Upper

83 100

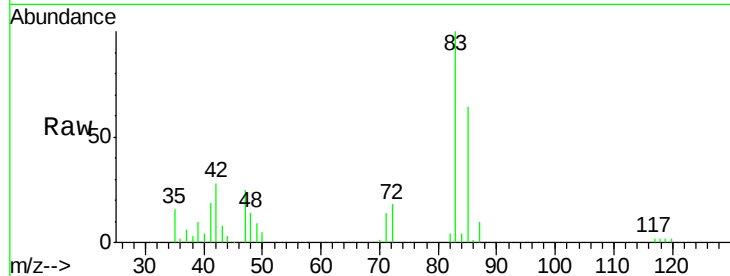
85 64.2 52.5 78.7

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

15000

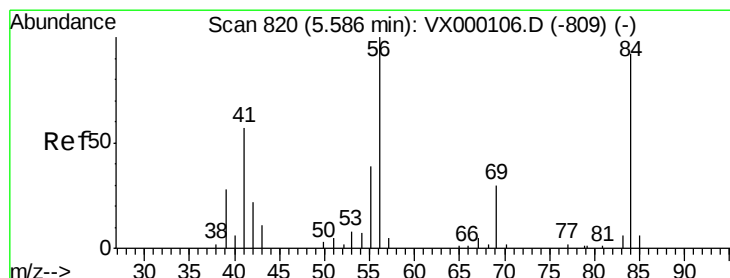
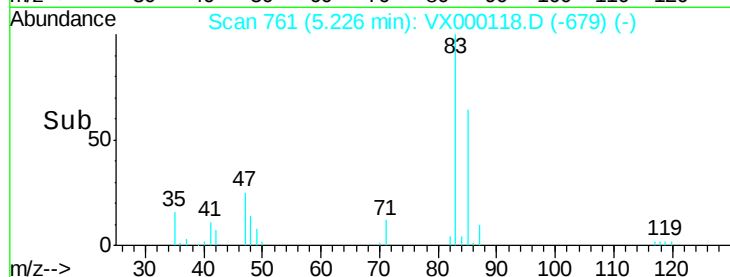
10000

5000

0

5.10 5.15 5.20 5.25 5.30

Time-->



#26

Cyclohexane

Concen: 21.20 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

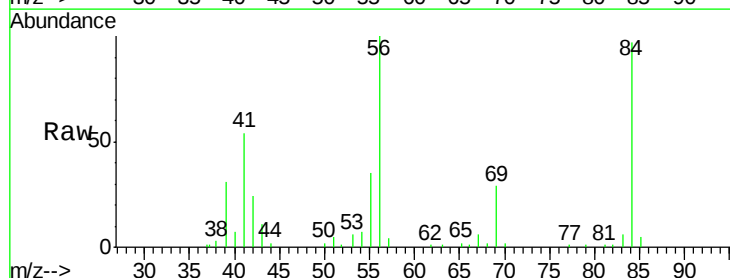
Tgt Ion: 56 Resp: 31217

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.8 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

15000

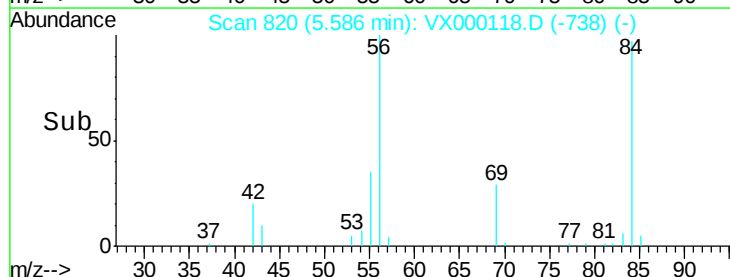
10000

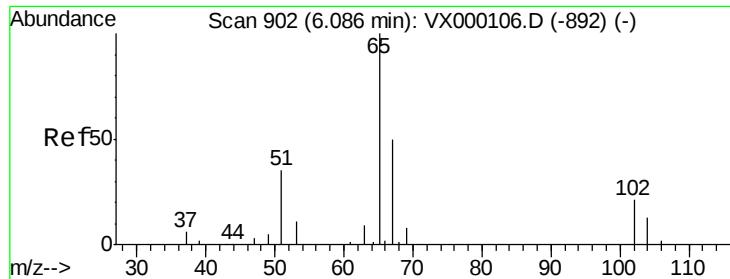
5000

0

5.50 5.55 5.60 5.65 5.70

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.65 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tot Ion: 65 Resp: 37570

Ion Ratio Lower Upper

65 100

67 52.2 41.4 62.2

Instrument :

MSVOA_X

ClientSampleId :

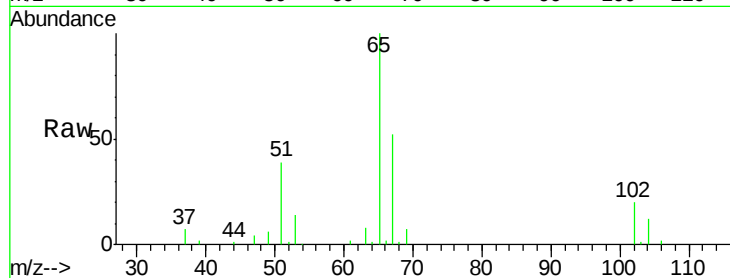
VSTDCCC020EC

Manual Integrations

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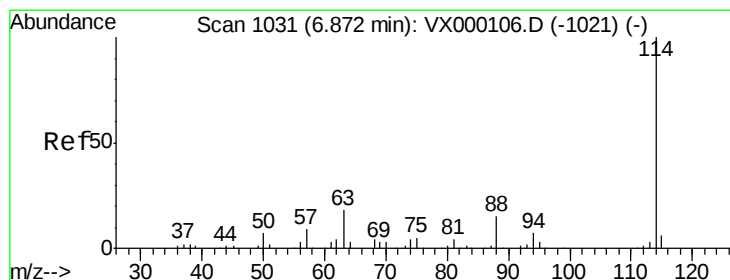
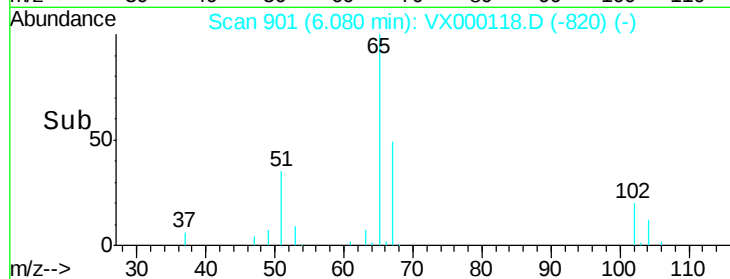
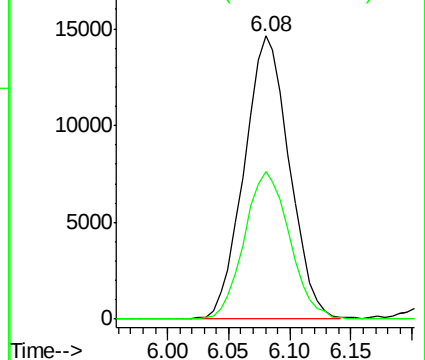
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

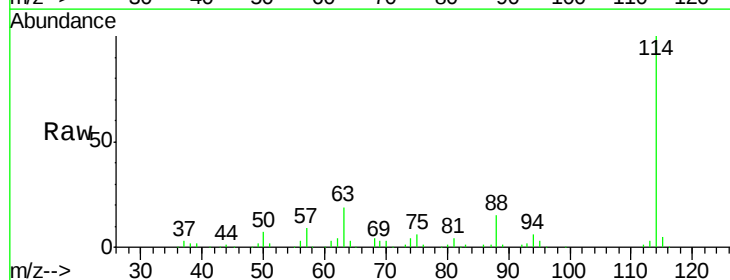
Tgt Ion: 114 Resp: 95665

Ion Ratio Lower Upper

114 100

63 18.9 15.0 22.4

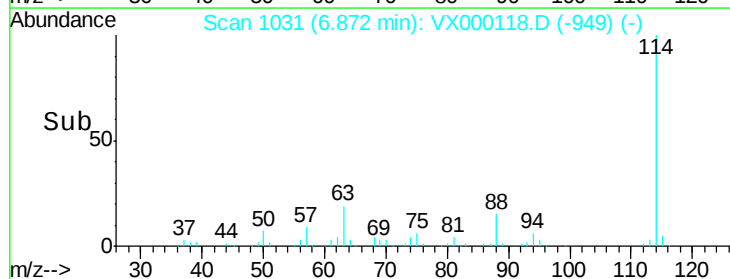
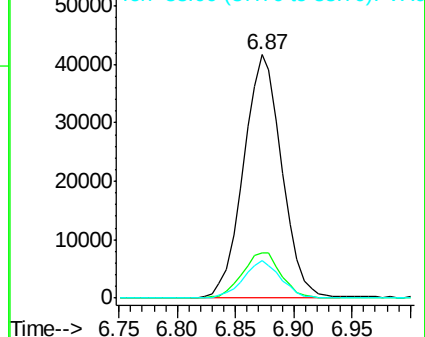
88 14.8 11.8 17.8

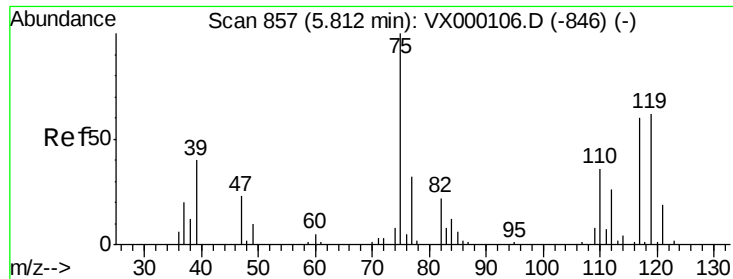


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





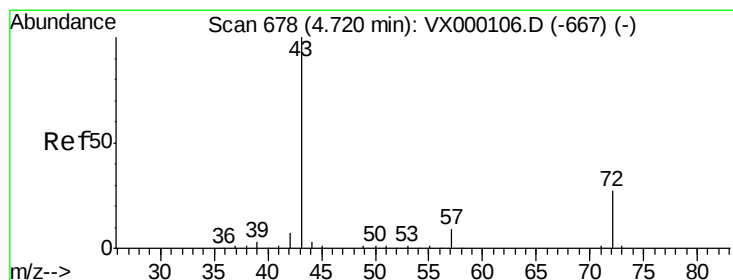
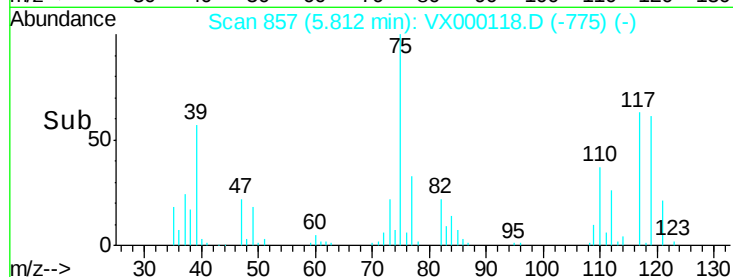
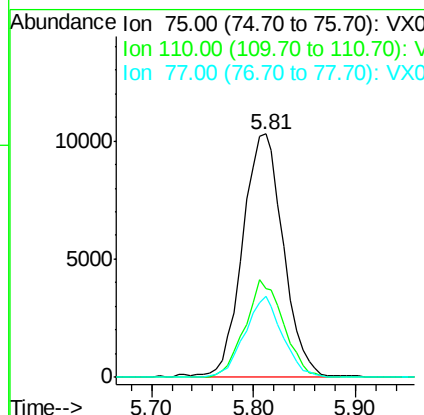
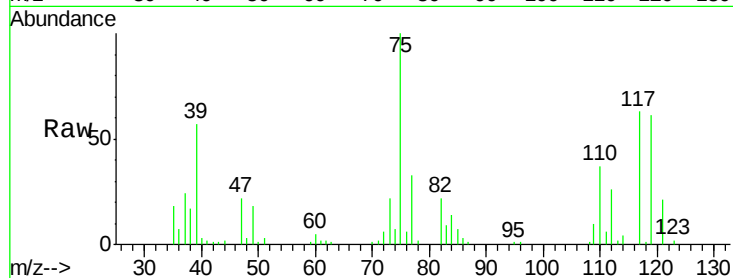
#29
 1,1-Dichloropropene
 Concen: 20.48 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	0.0	75.6
77	31.0	0.0	62.6

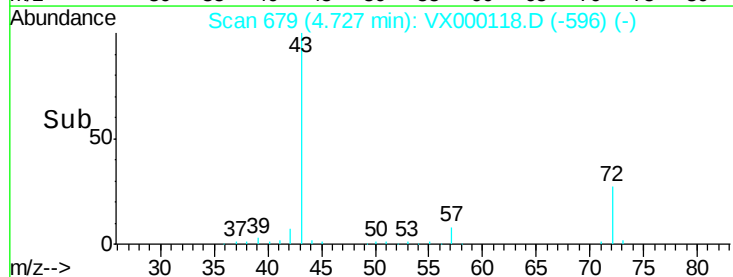
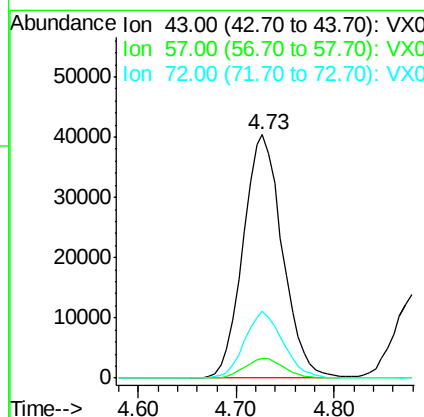
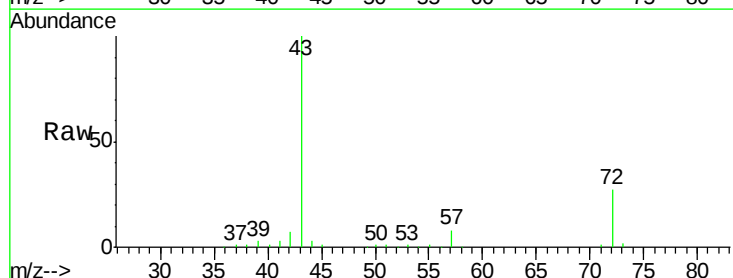
Manual Integrations
 APPROVED

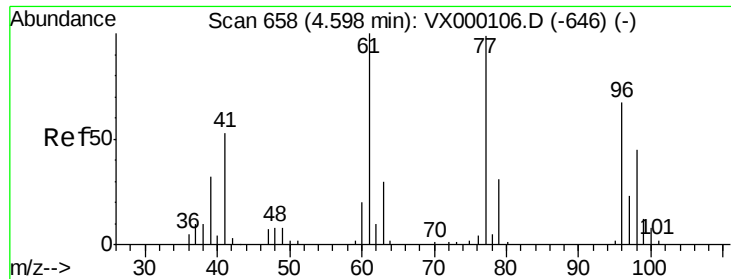
apatel
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#30
 2-Butanone
 Concen: 105.09 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	26.5	21.8	32.6





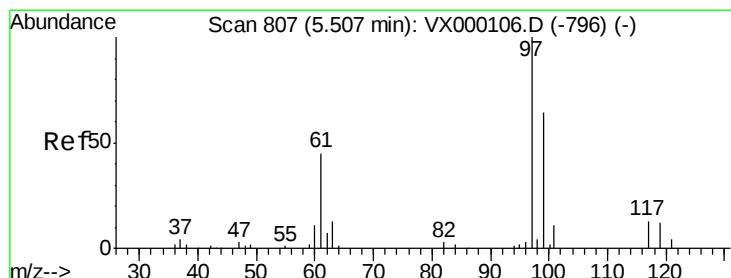
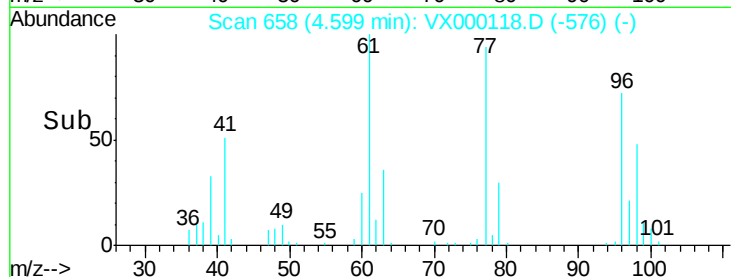
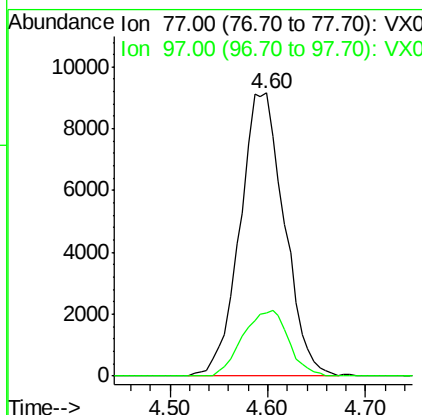
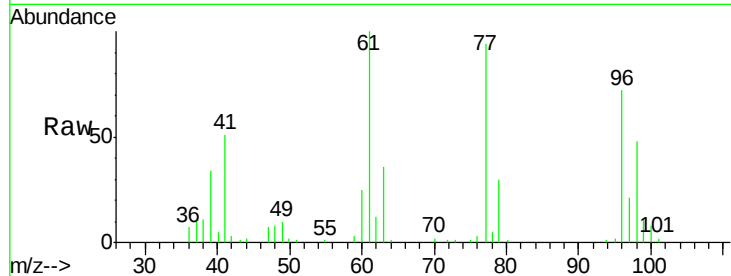
#31
 2,2-Dichloropropane
 Concen: 19.23 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 28816
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.6 27.8

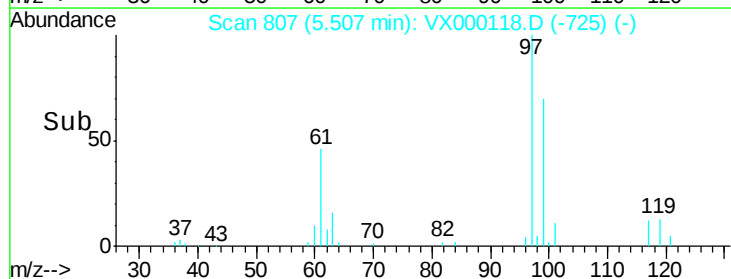
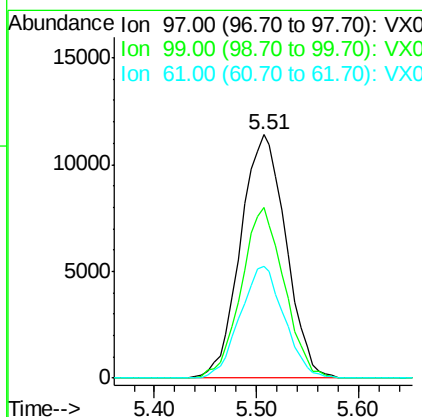
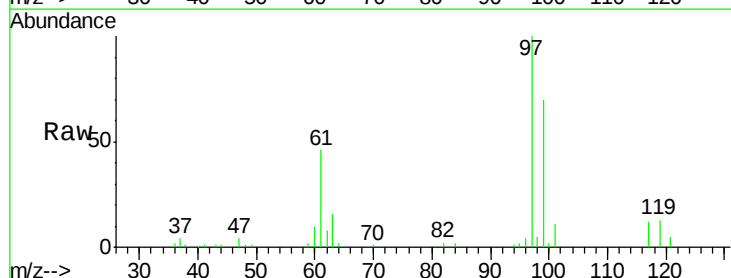
Manual Integrations
 APPROVED

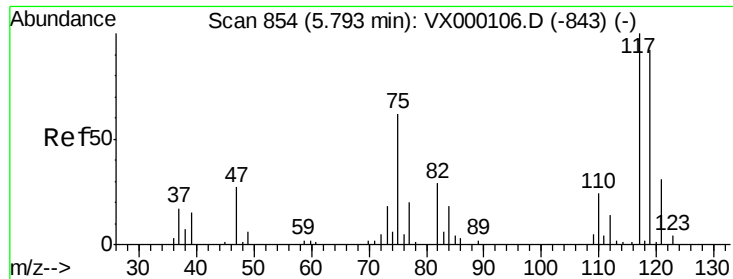
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 20.91 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion: 97 Resp: 35254
 Ion Ratio Lower Upper
 97 100
 99 66.4 52.3 78.5
 61 44.4 34.3 51.5





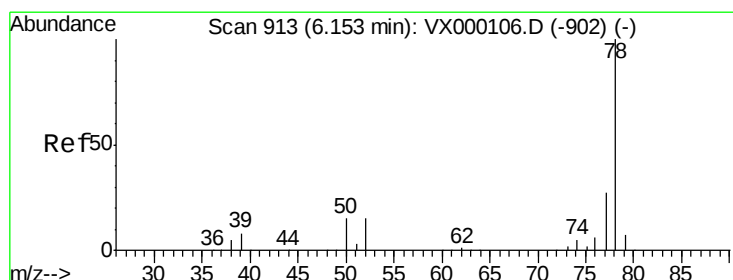
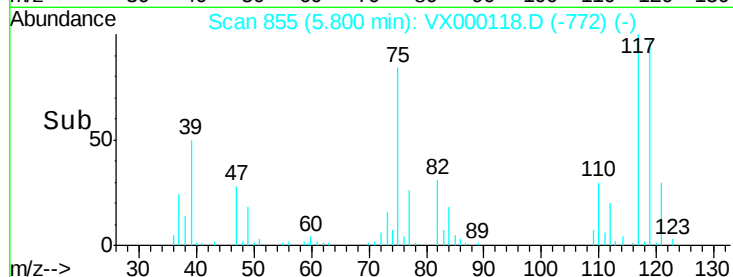
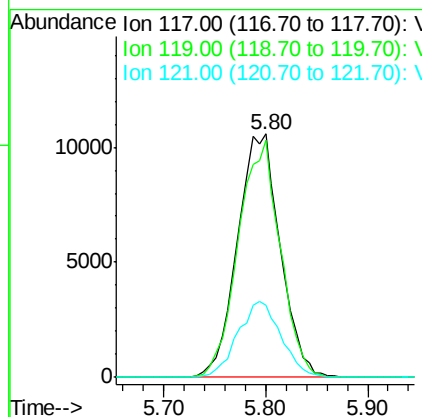
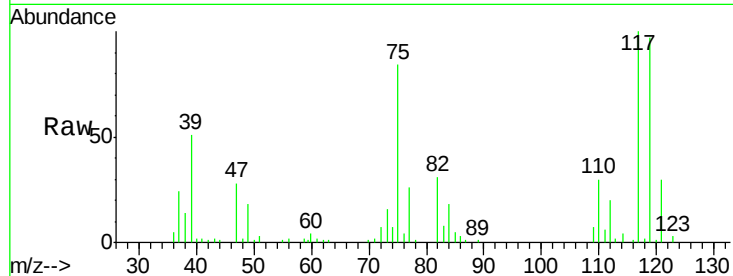
#33
Carbon Tetrachloride
Concen: 20.65 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.5	110.3
121	29.8	24.6	37.0

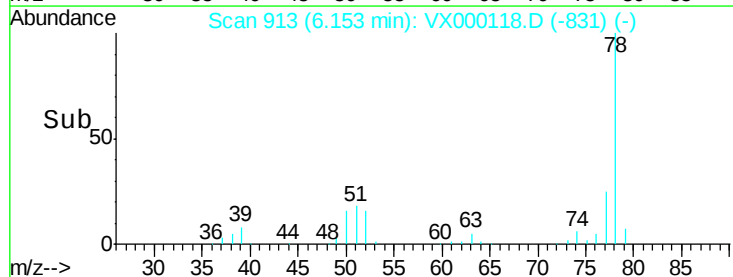
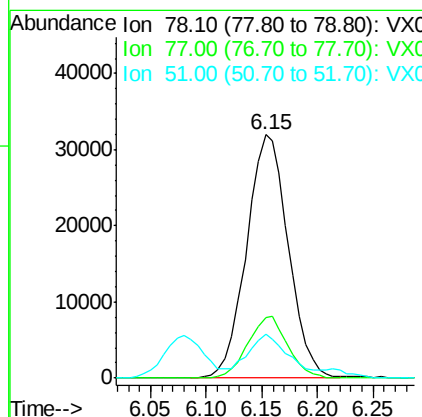
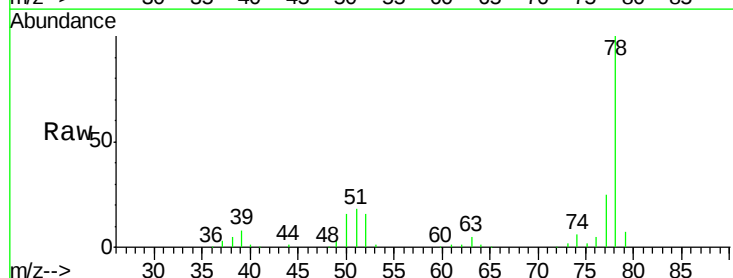
Manual Integrations
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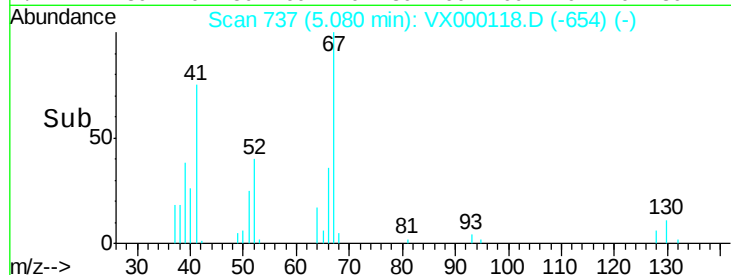
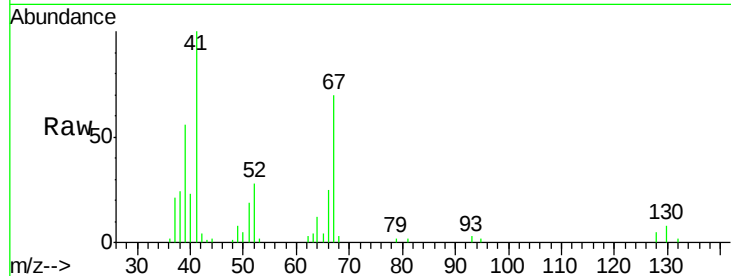
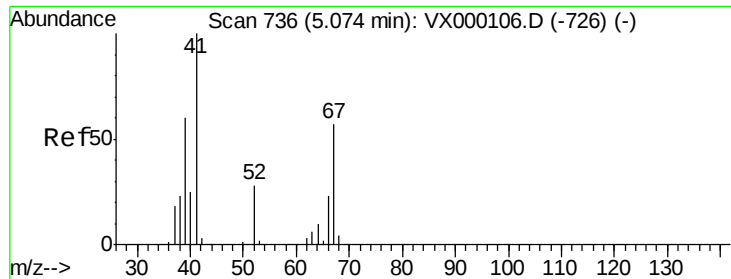
apatel
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#34
Benzene
Concen: 20.83 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	21.7	32.5
51	14.4	14.9	22.3#





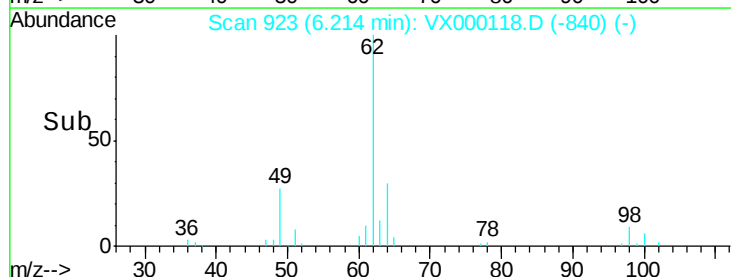
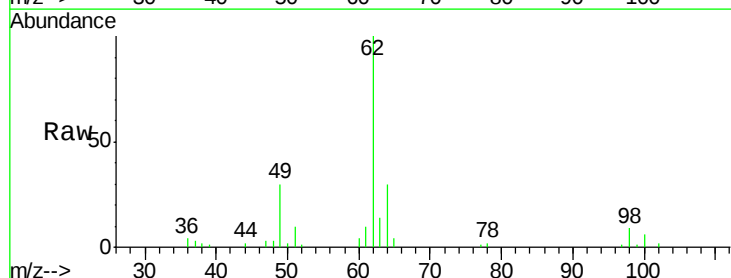
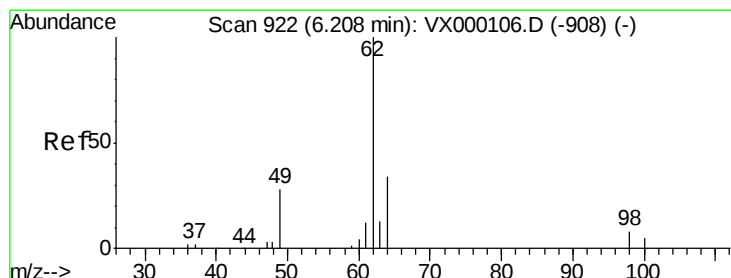
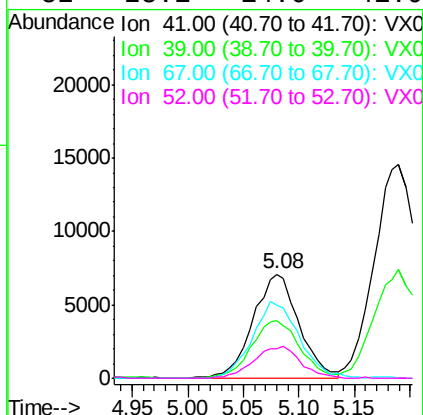
#35
Methacrylonitrile
Concen: 20.64 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tot Ion	41	Resp:	20383
Ion Ratio	Lower	Upper	
41	100		
39	55.6	29.8	89.3
67	70.0	28.7	86.3
52	28.1	14.0	41.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

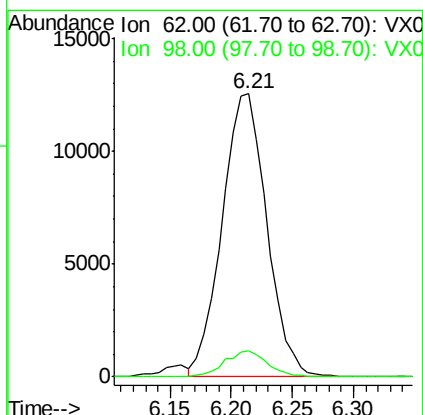
Manual Integrations
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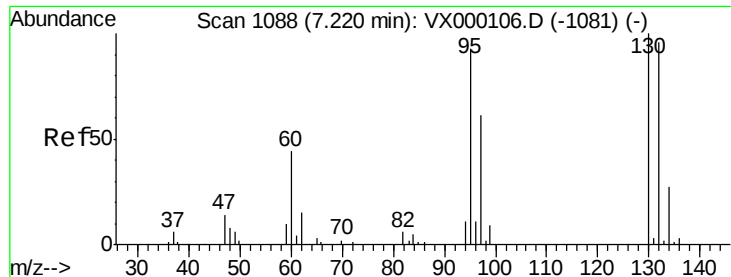
apatel
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#36
1,2-Dichloroethane
Concen: 20.93 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	62	Resp:	31819
Ion Ratio	Lower	Upper	
62	100		
98	8.7	6.9	10.3





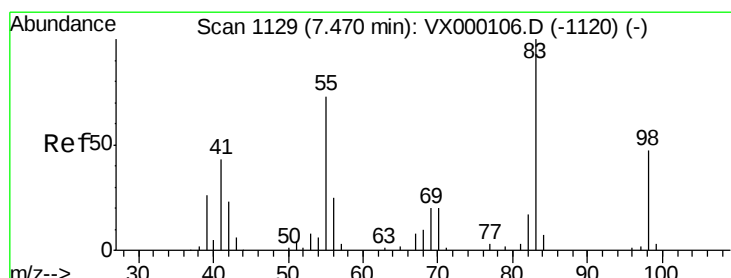
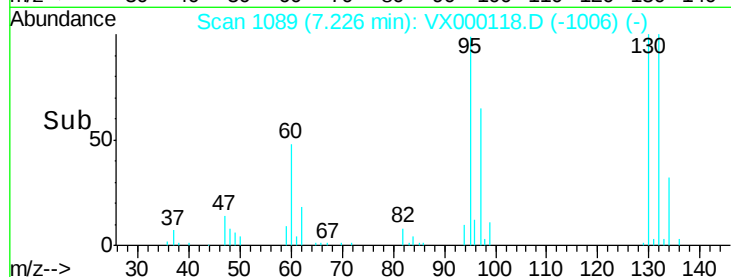
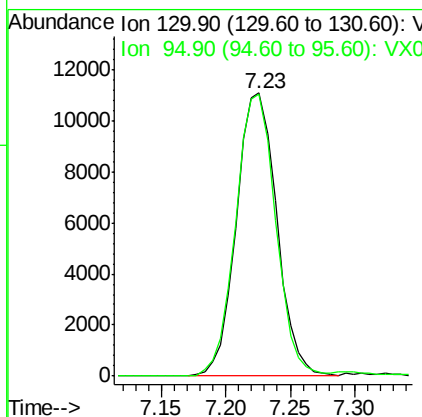
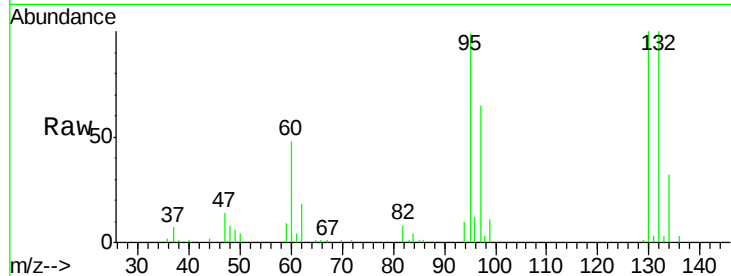
#37
 Trichloroethene
 Concen: 20.35 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 24113
 Ion Ratio Lower Upper
 130 100
 95 99.6 74.6 112.0

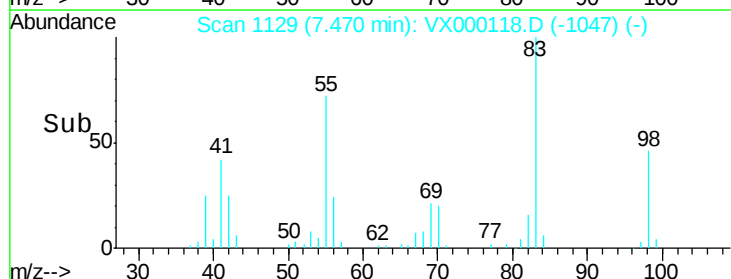
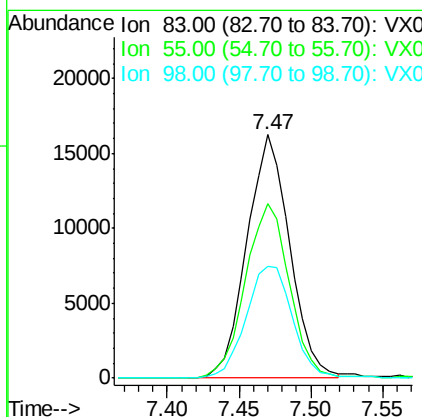
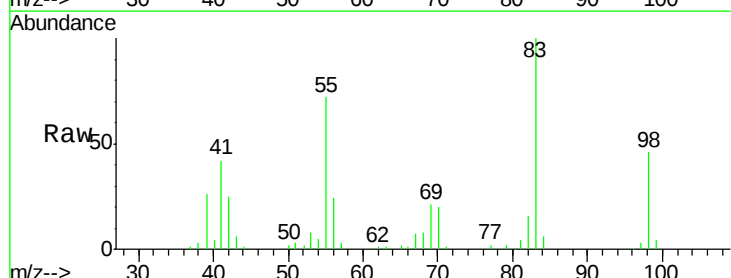
Manual Integrations
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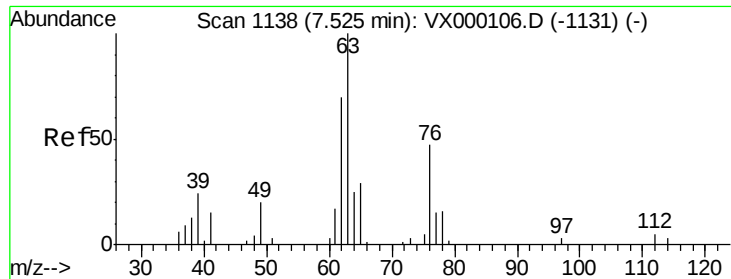
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#38
 Methylcyclohexane
 Concen: 20.04 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion: 83 Resp: 33474
 Ion Ratio Lower Upper
 83 100
 55 73.8 35.9 107.7
 98 49.6 24.6 74.0





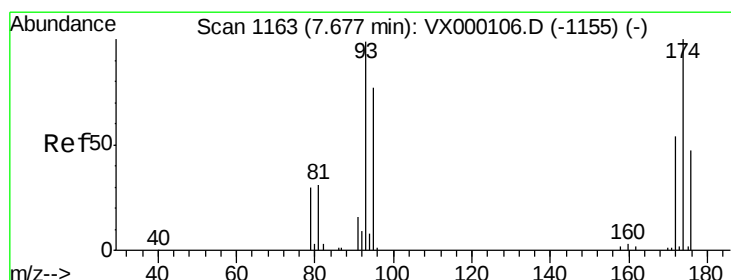
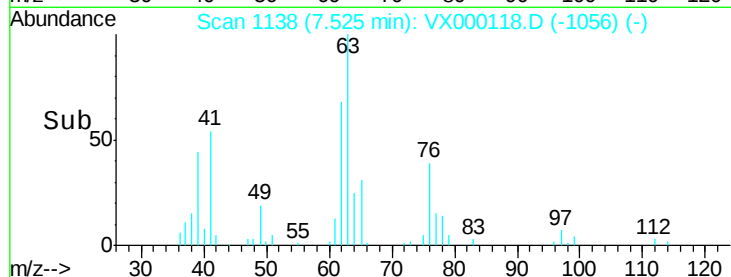
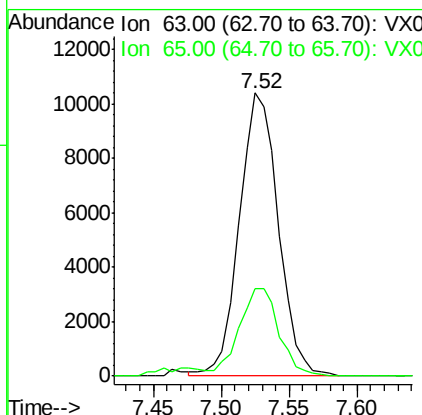
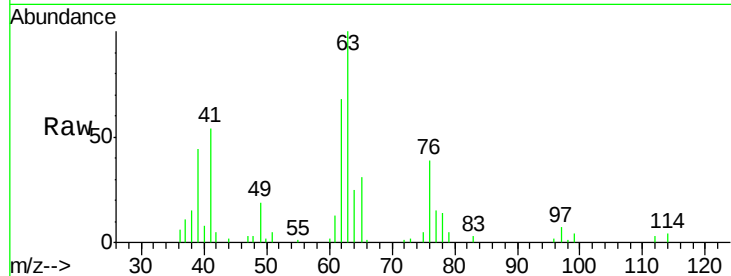
#39
 1,2-Dichloropropane
 Concen: 20.83 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 20846
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6

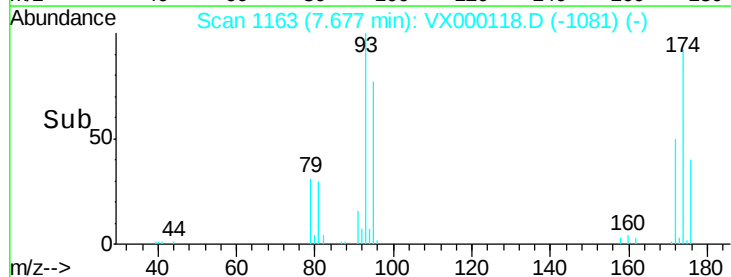
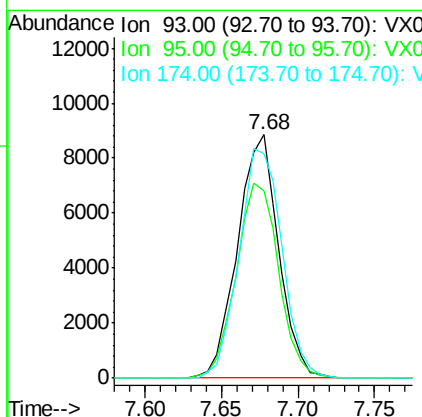
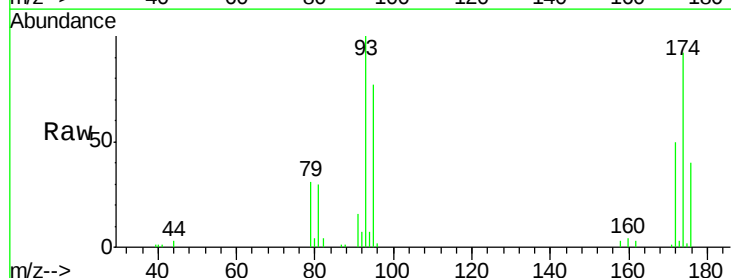
Manual Integrations
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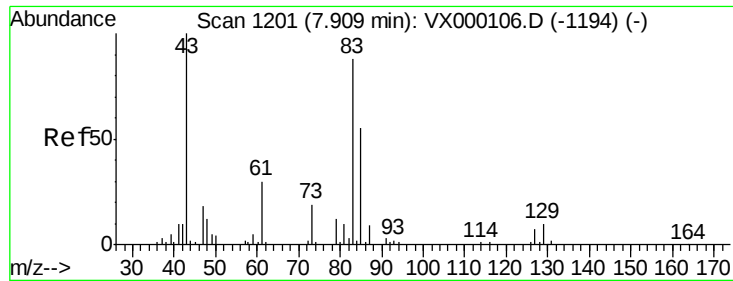
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#40
 Dibromomethane
 Concen: 21.42 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion: 93 Resp: 16519
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 170.6
 174 98.8 0.0 210.4





#41

Bromodichloromethane

Concen: 20.29 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

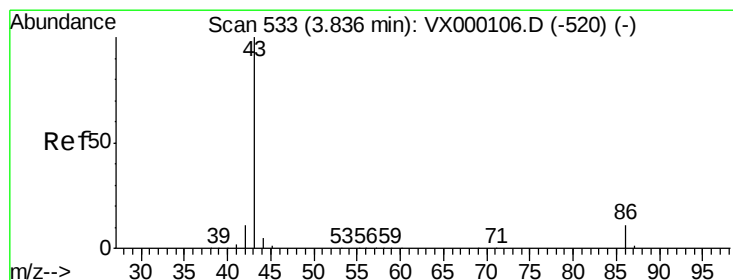
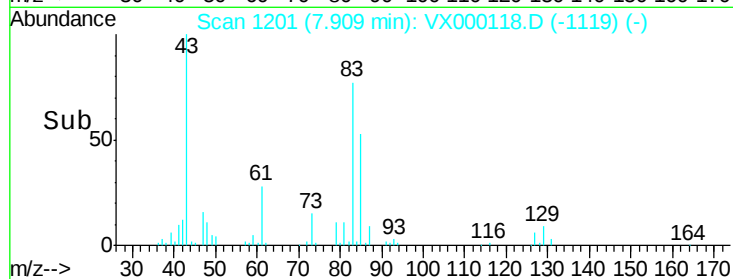
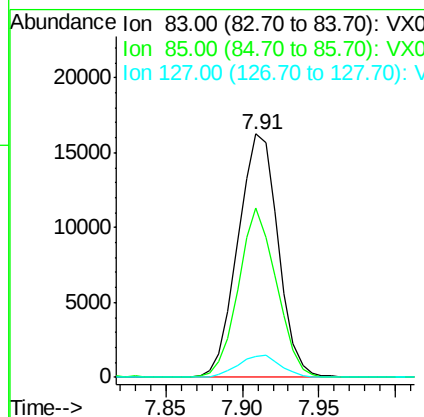
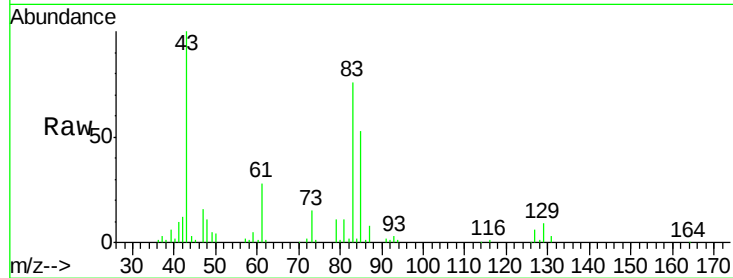
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	29742
Ion	Ratio	Lower	Upper
83	100		
85	69.4	50.0	75.0
127	8.4	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.48 ug/l

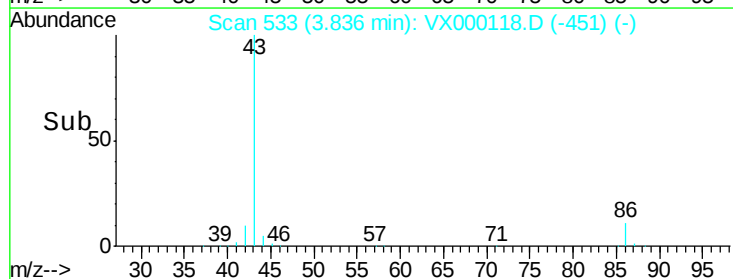
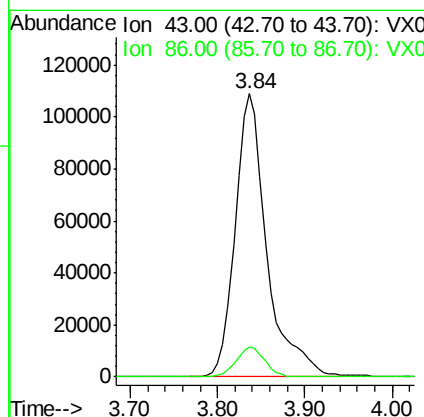
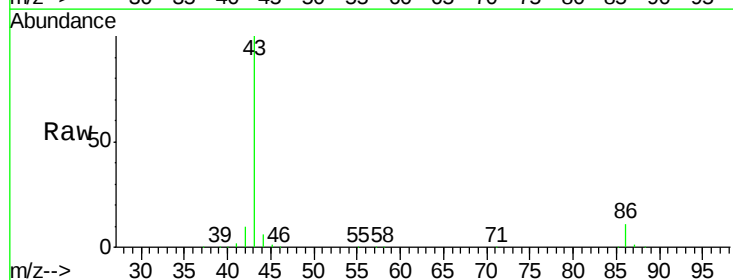
RT: 3.84 min Scan# 533

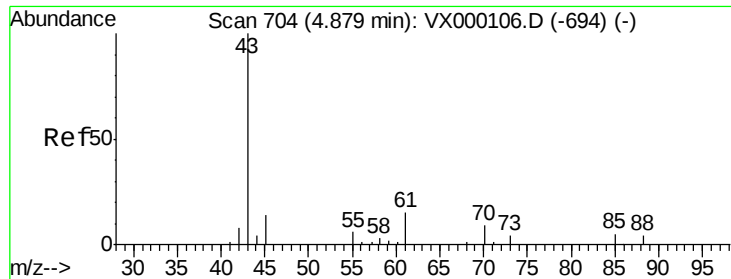
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion:	43	Resp:	274643
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.6





#43

Ethyl Acetate

Concen: 21.03 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 39612

Ion Ratio Lower Upper

43 100

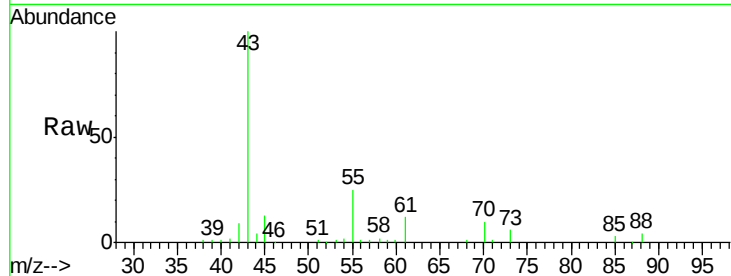
45 14.7 11.4 17.0

Manual Integrations

APPROVED

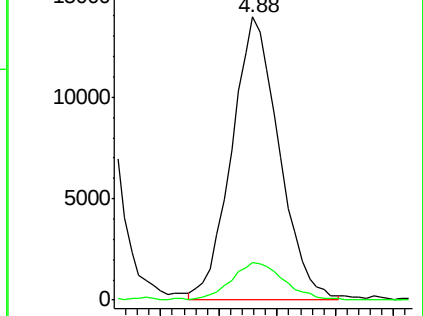
apatel

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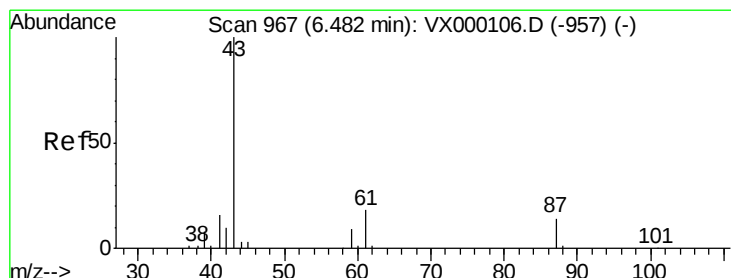
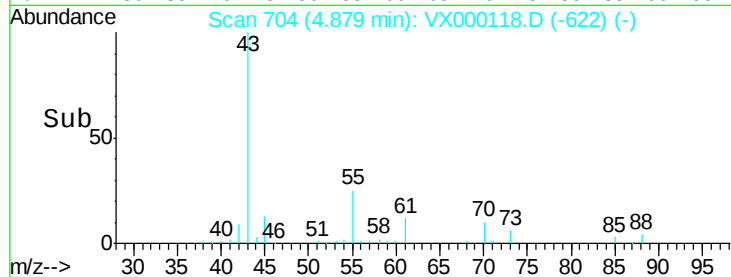


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 20.93 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000118.D

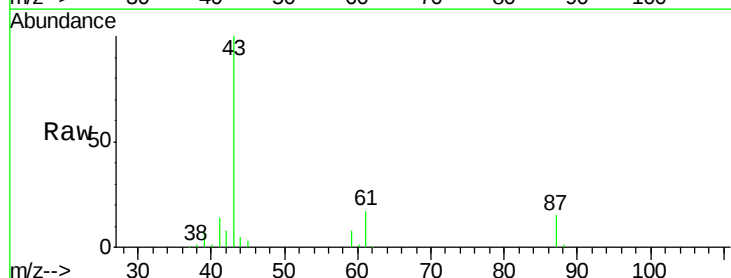
Acq: 20 Feb 2018 20:03

Tgt Ion: 43 Resp: 57858

Ion Ratio Lower Upper

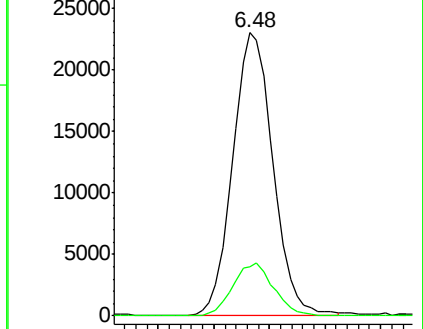
43 100

61 18.9 15.7 23.5

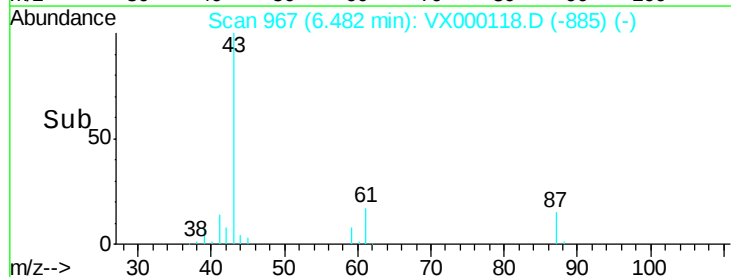


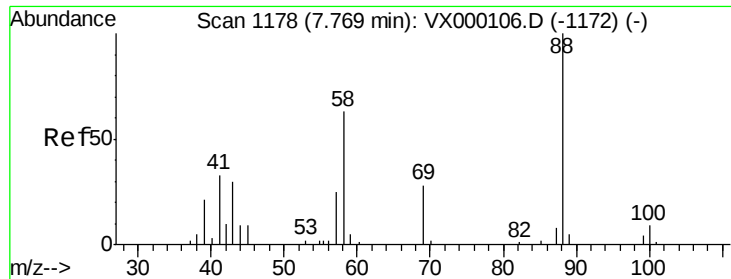
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





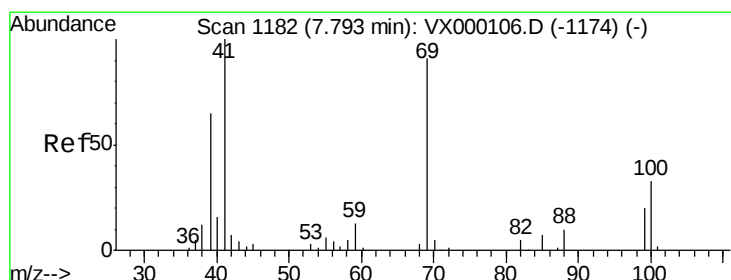
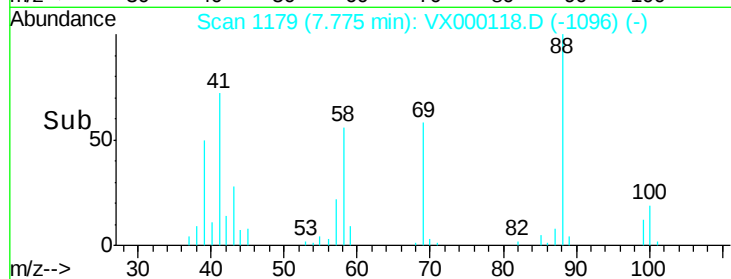
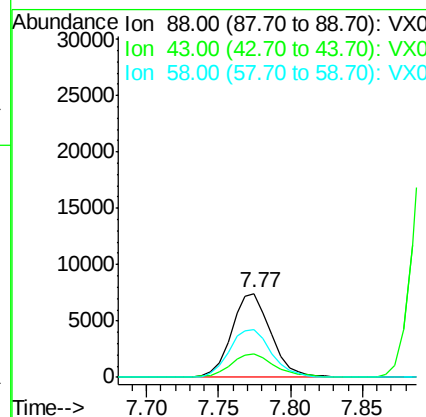
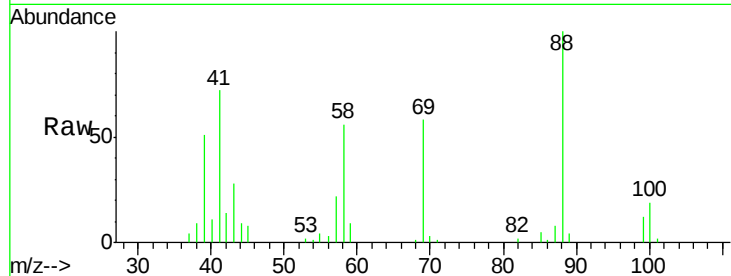
#45
1,4-Dioxane
Concen: 406.29 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.8	40.2
58	60.9	52.1	78.1

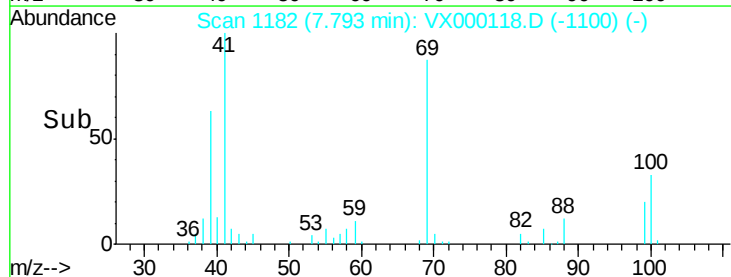
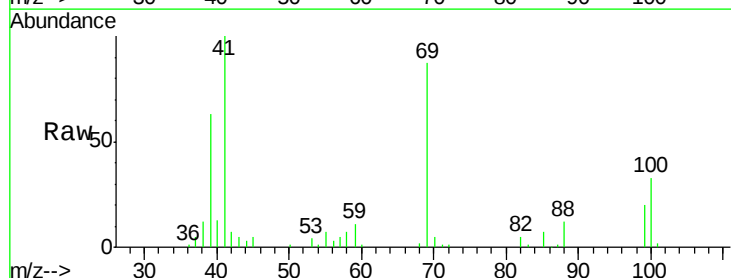
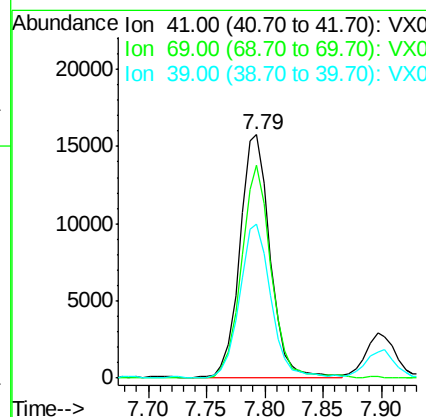
Manual Integrations
APPROVED

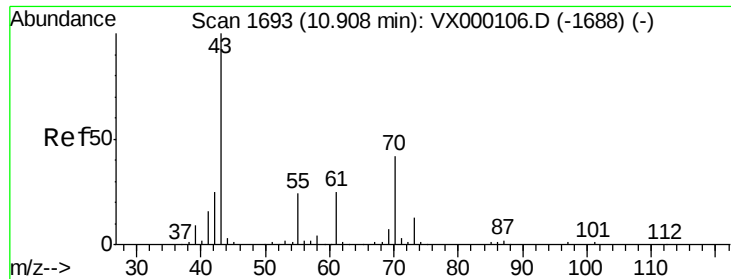
apatel
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#46
Methyl methacrylate
Concen: 21.44 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	45.5	136.5
39	63.0	32.5	97.5





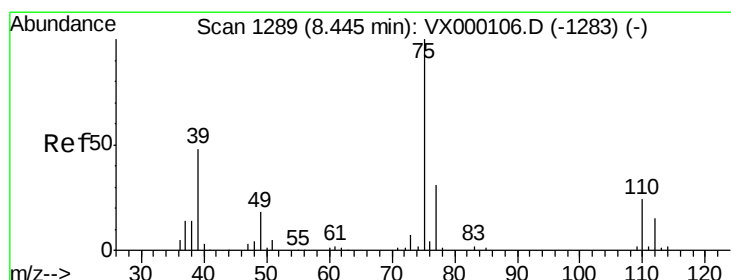
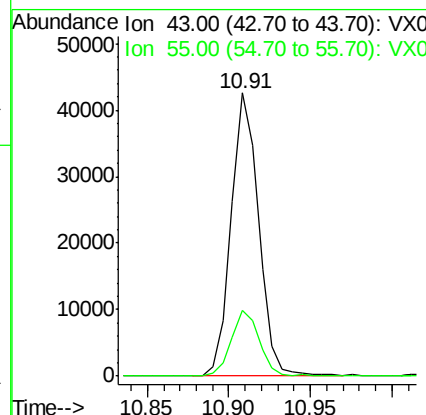
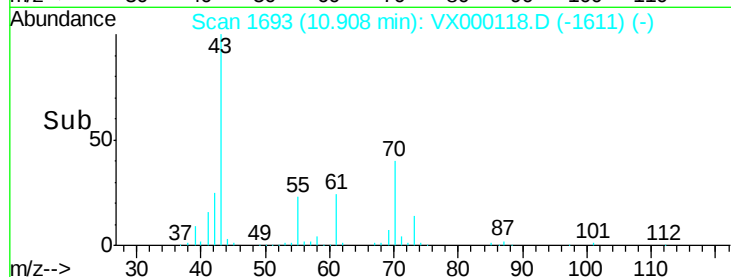
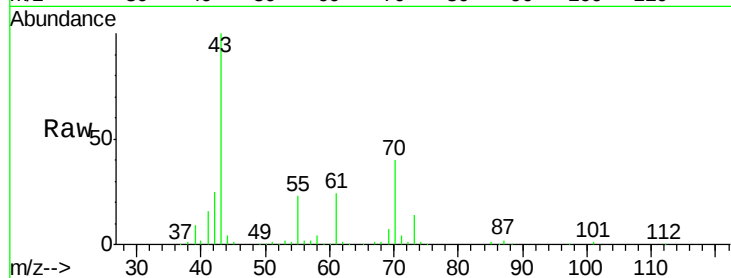
#47
n-amvl Acetate
Concen: 20.82 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 50244
Ion Ratio Lower Upper
43 100
55 23.3 19.4 29.2

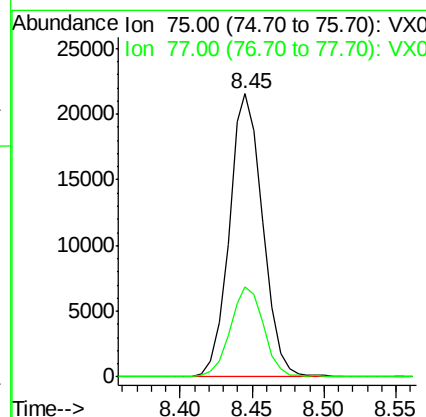
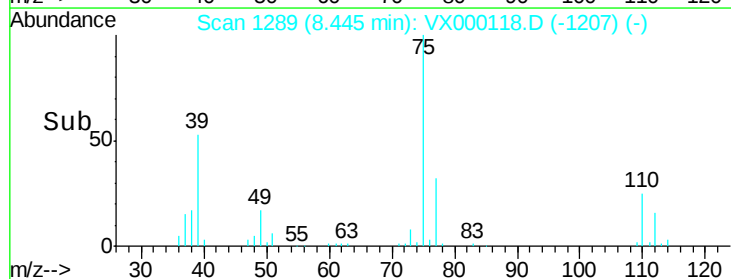
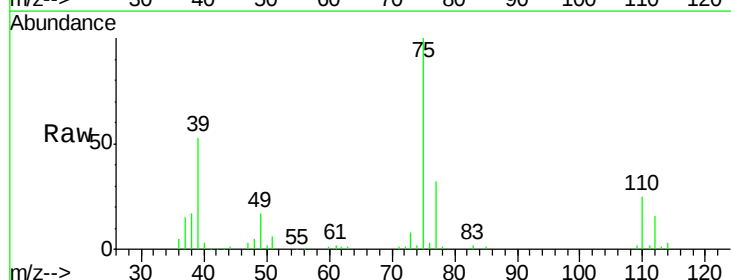
Manual Integrations
APPROVED

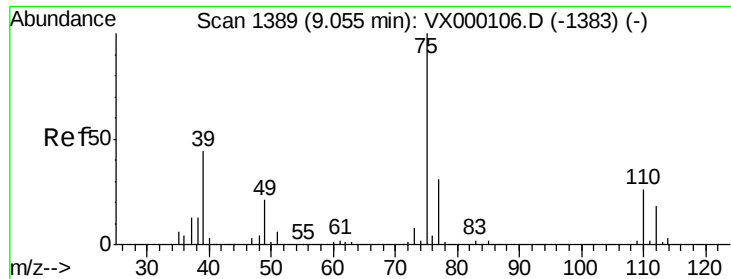
apatel
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#48
t-1,3-Dichloropropene
Concen: 20.48 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion: 75 Resp: 34942
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0





#49

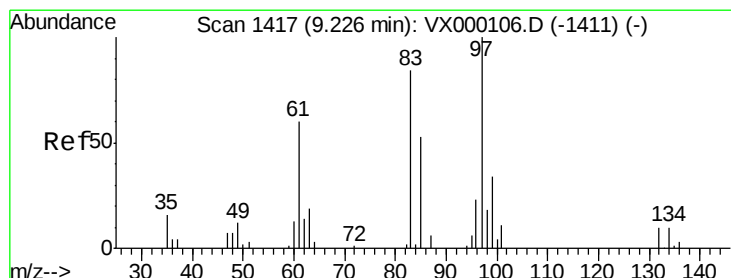
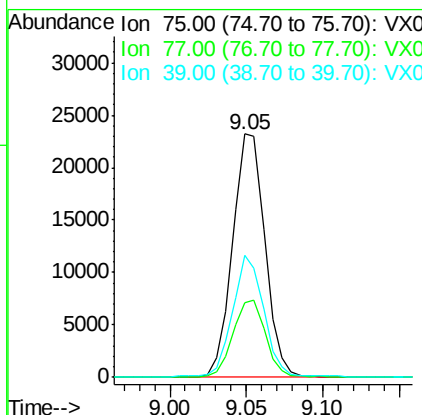
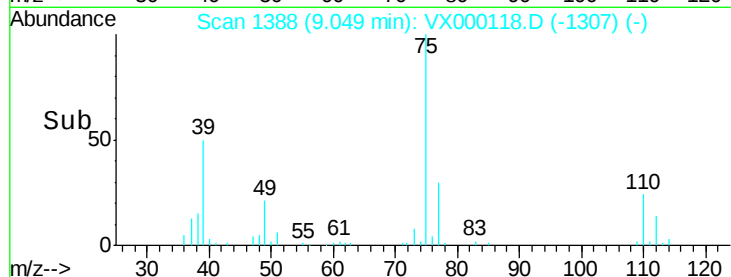
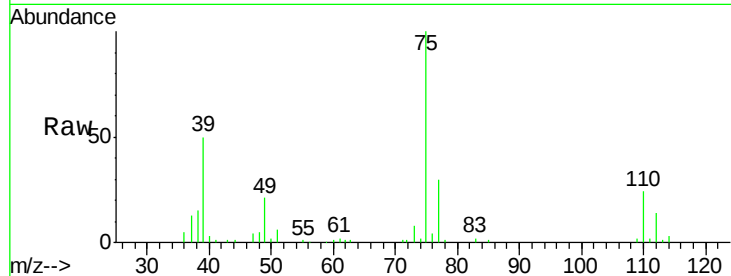
cis-1,3-Dichloropropene
Concen: 20.55 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.5	36.7
39	49.9	35.6	53.4

Manual Integrations
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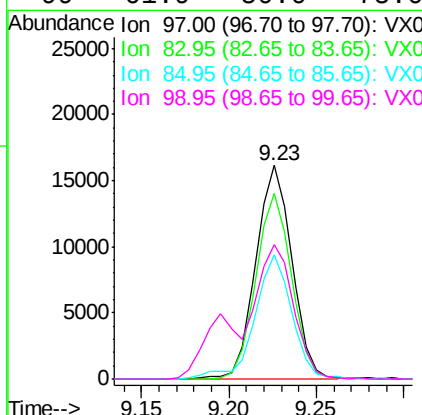
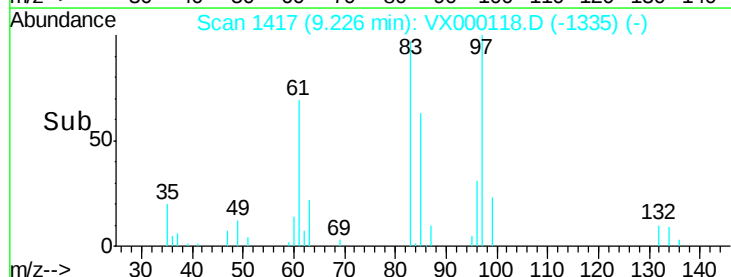
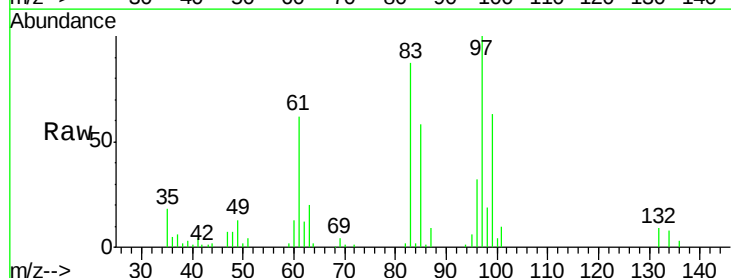
apatel
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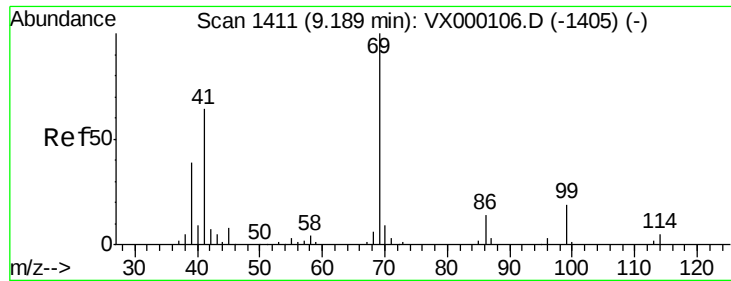


#50

1,1,2-Trichloroethane
Concen: 20.42 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.9	100.3
85	57.3	44.4	66.6
99	61.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.00 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

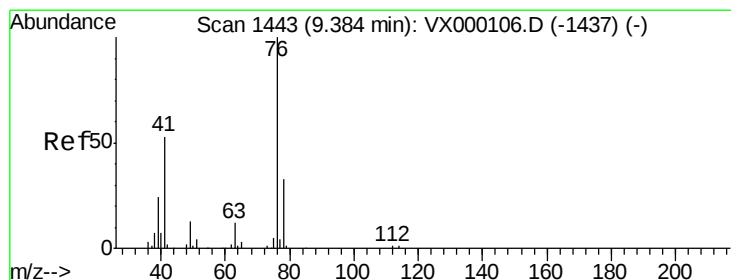
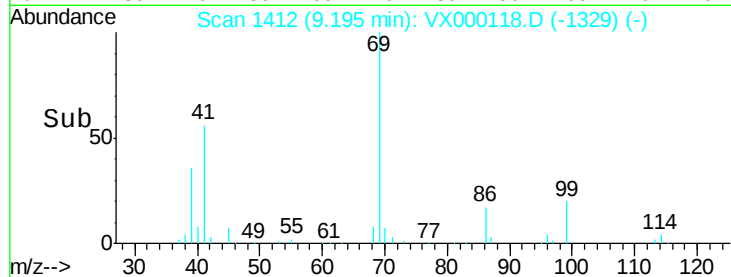
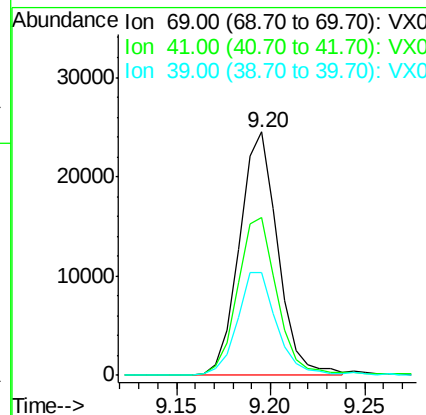
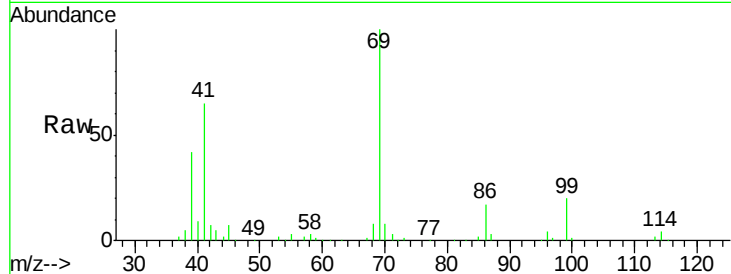
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	34694
Ion Ratio	Lower	Upper	
69	100		
41	64.5	32.1	96.3
39	41.9	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.79 ug/l

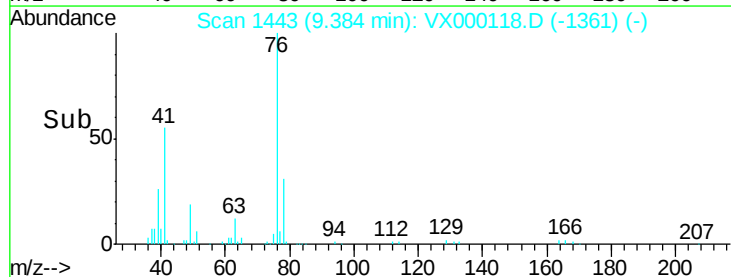
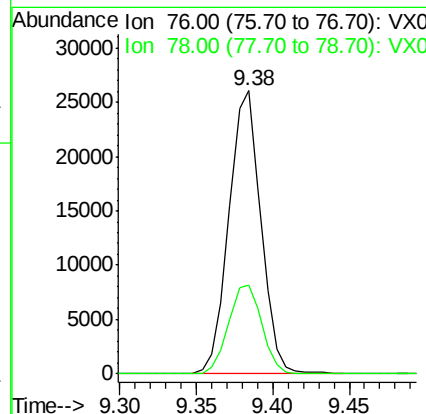
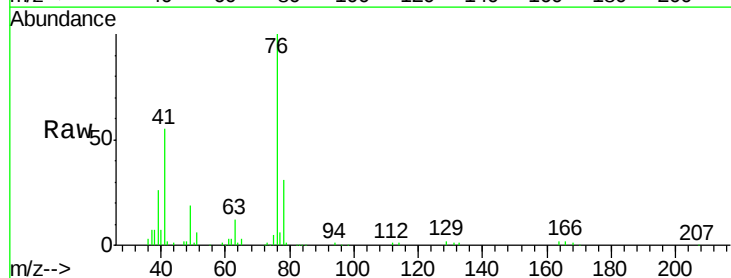
RT: 9.38 min Scan# 1443

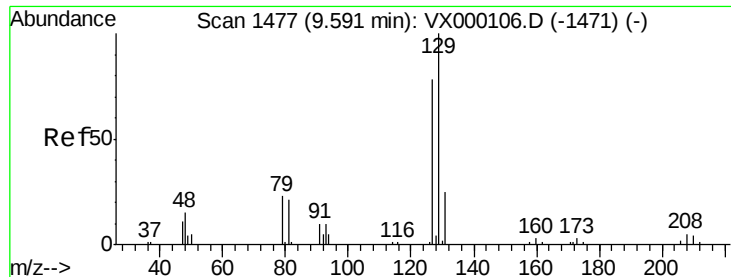
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion:	76	Resp:	37747
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.0





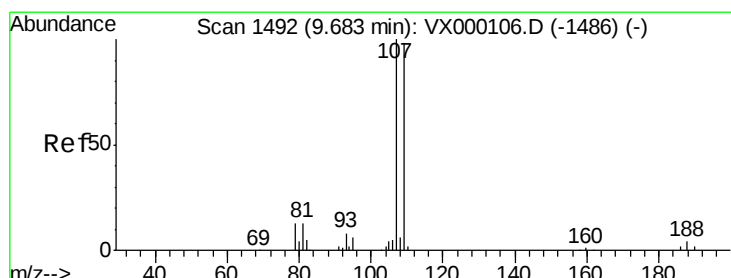
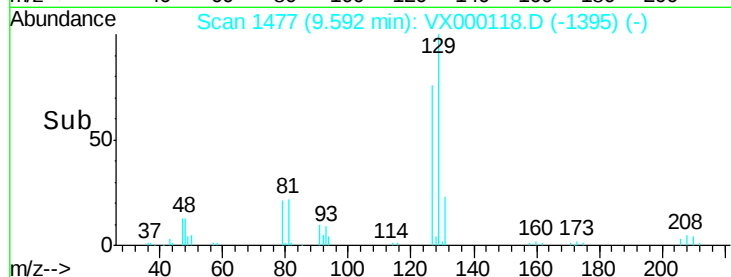
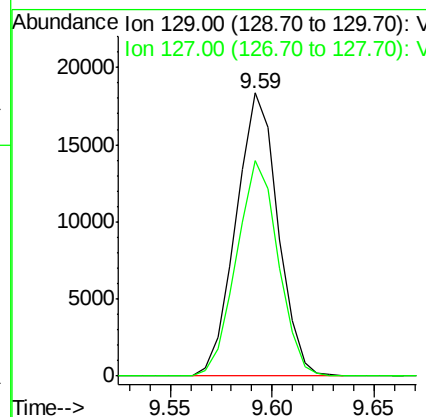
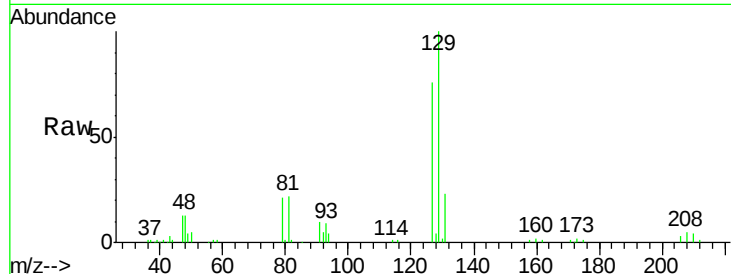
#53
Dibromochloromethane
Concen: 20.78 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 26179
Ion Ratio Lower Upper
129 100
127 75.8 37.5 112.5

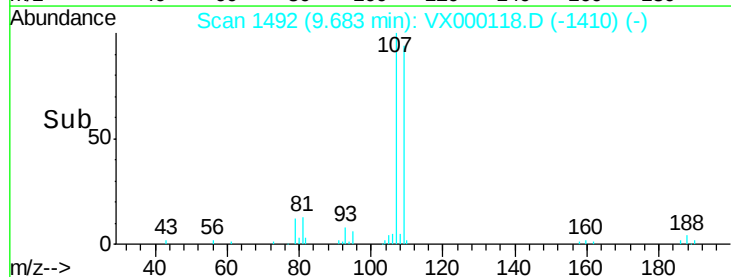
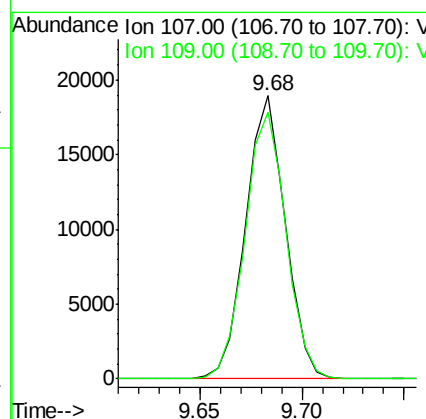
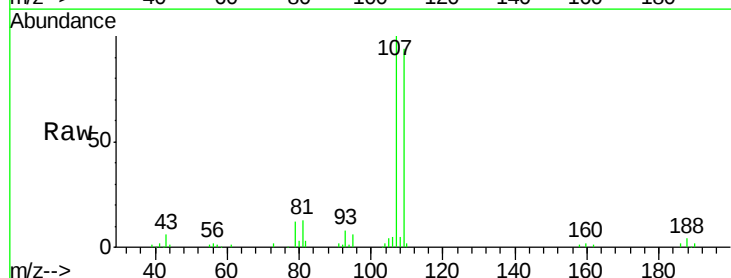
Manual Integrations
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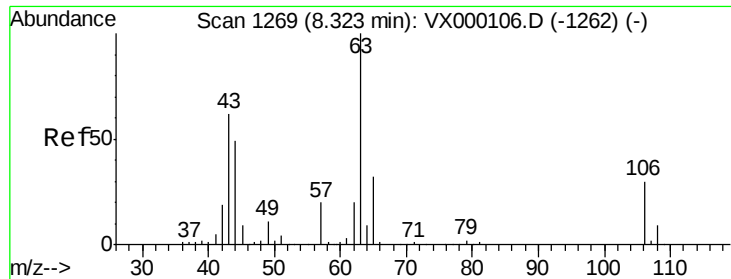
apatel
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#54
1,2-Dibromoethane
Concen: 20.25 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion:107 Resp: 25560
Ion Ratio Lower Upper
107 100
109 97.5 74.5 111.7





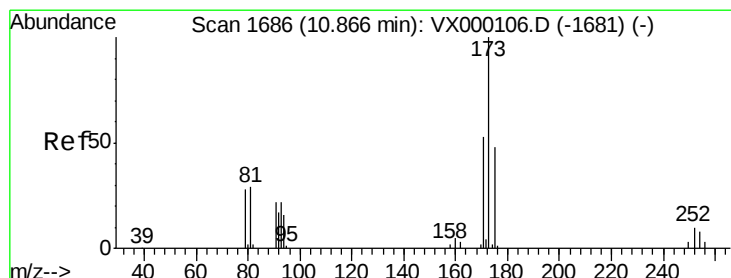
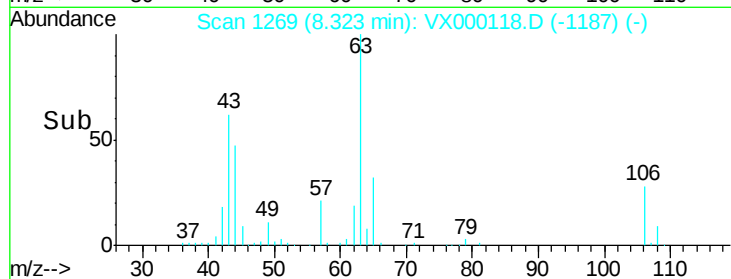
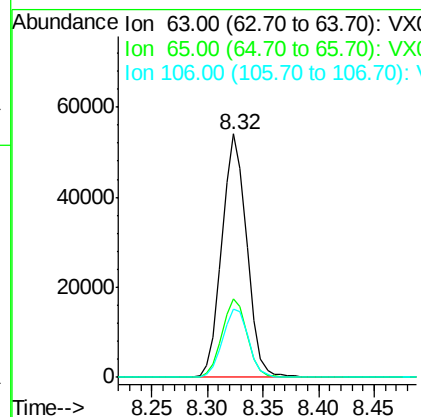
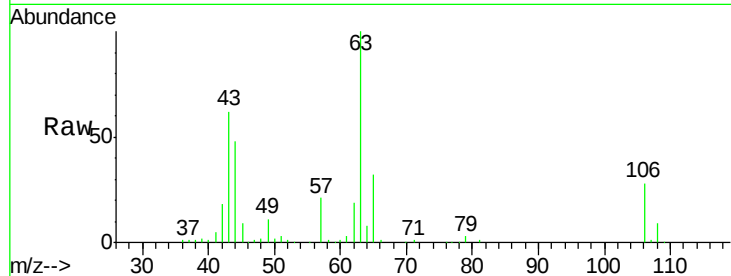
#55
2-Chloroethyl vinyl ether
Concen: 111.09 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.8
106	29.3	23.8	35.6

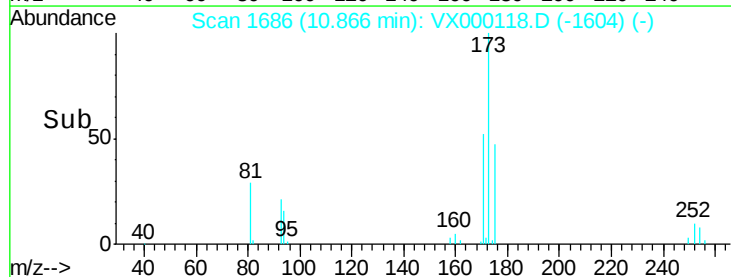
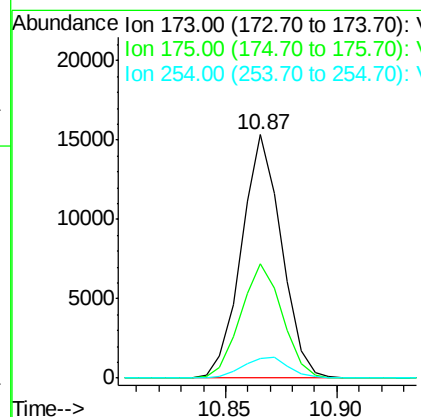
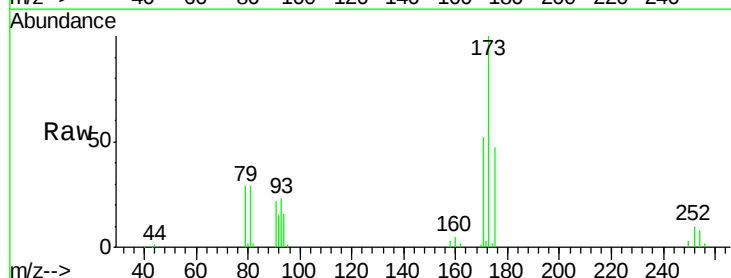
Manual Integrations
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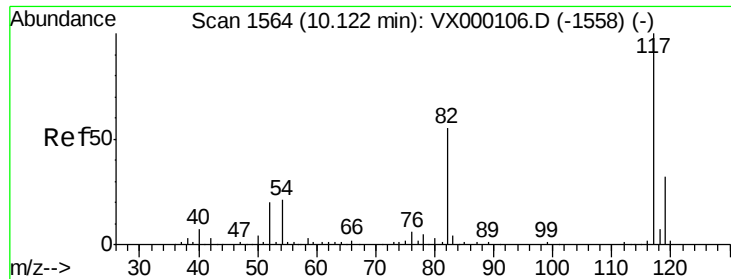
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#56
Bromoform
Concen: 18.91 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	9.7	7.0	10.4





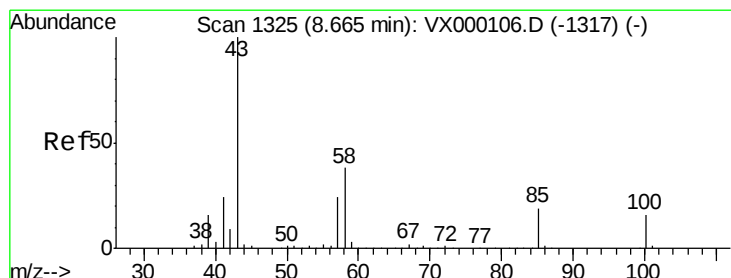
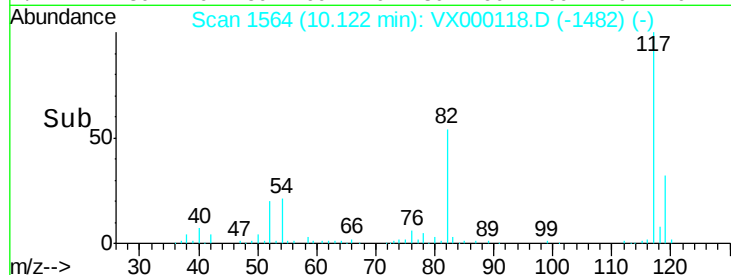
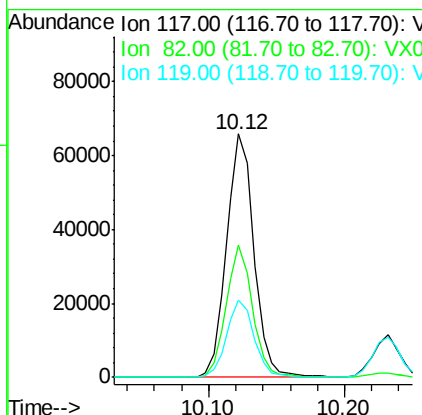
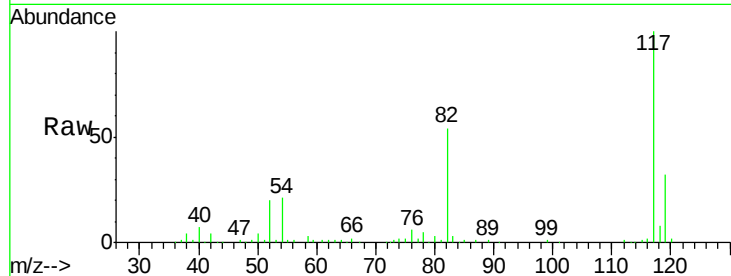
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	31.9	25.8	38.8

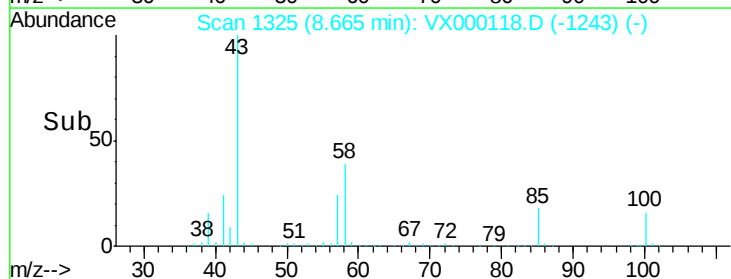
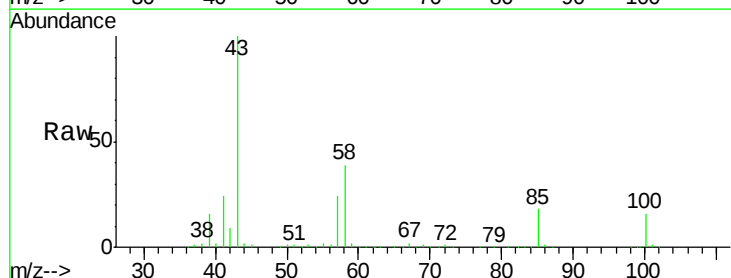
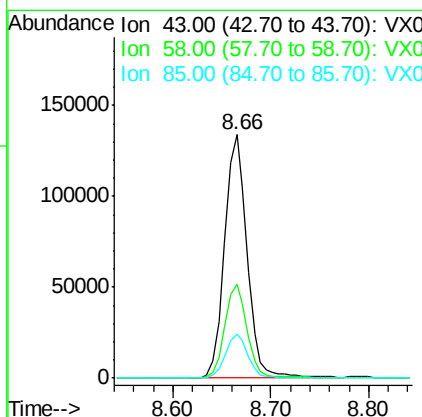
Manual Integrations
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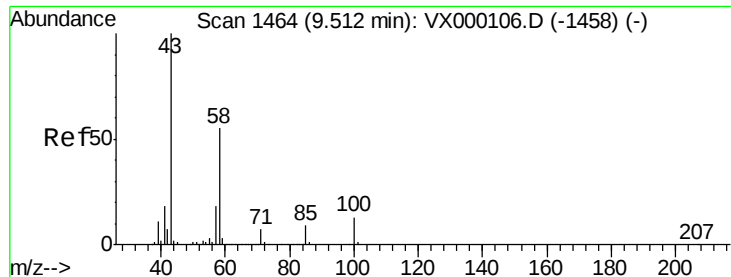
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#58
4-Methyl-2-Pentanone
Concen: 106.49 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.6	29.8	44.8
85	18.0	14.9	22.3





#59

2-Hexanone

Concen: 104.56 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.01 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

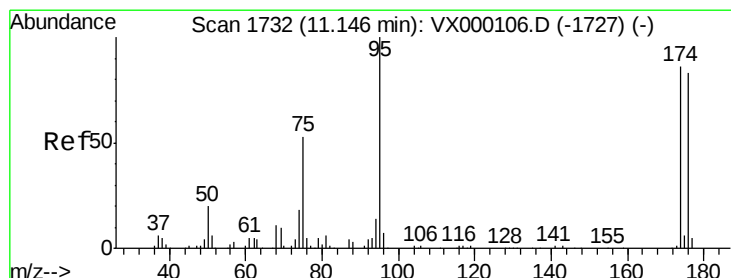
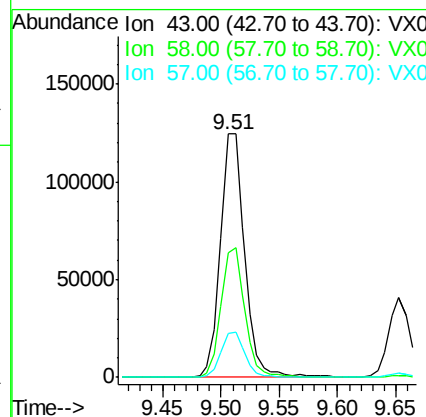
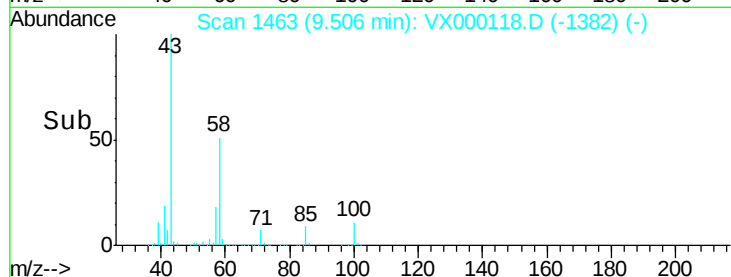
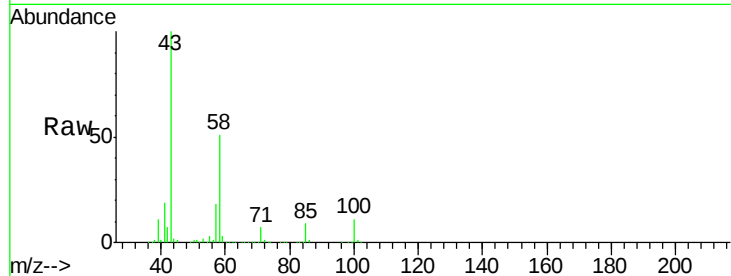
ClientSampleId :

VSTDCCC020EC

Tot Ion:	43	Resp:	178846
Ion Ratio	Lower	Upper	
43	100		
58	52.4	43.0	64.6
57	18.5	14.4	21.6

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#60

4-Bromofluorobenzene

Concen: 30.10 ug/l

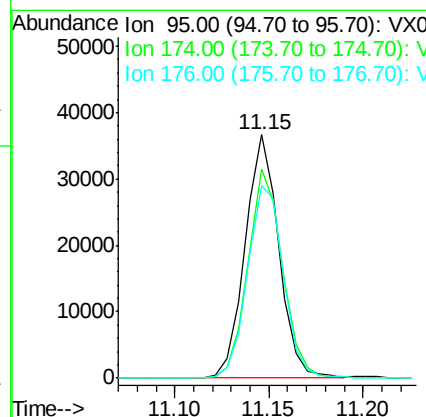
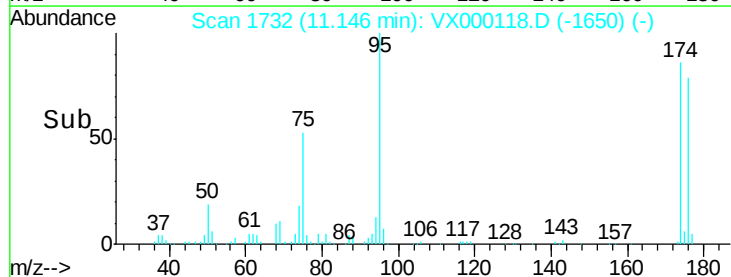
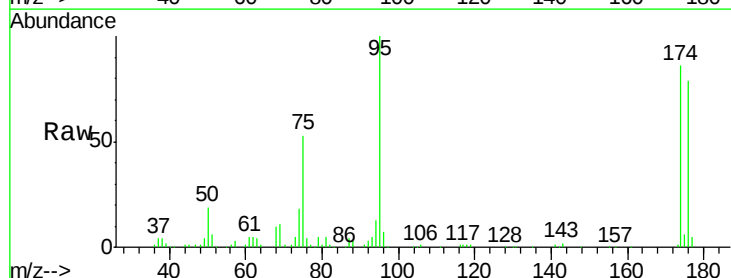
RT: 11.15 min Scan# 1732

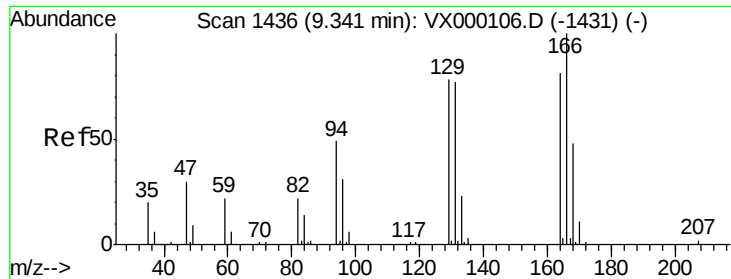
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion:	95	Resp:	45408
Ion Ratio	Lower	Upper	
95	100		
174	87.9	71.1	106.7
176	84.2	69.3	103.9





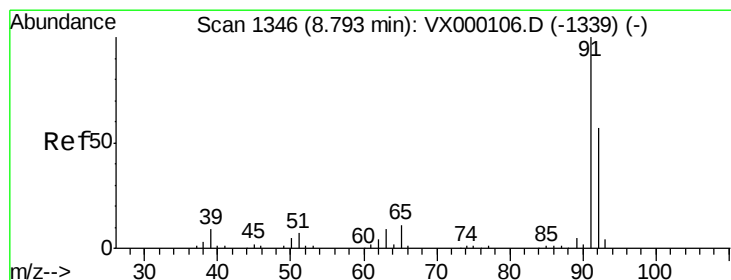
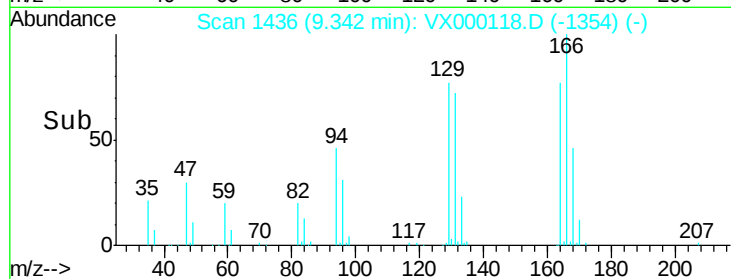
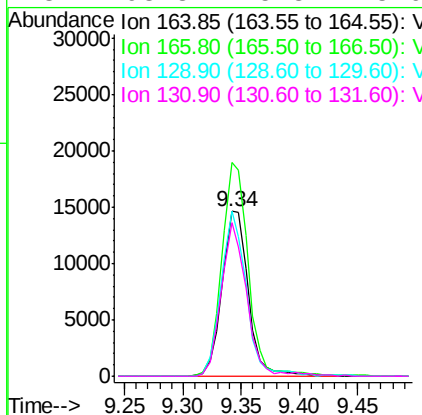
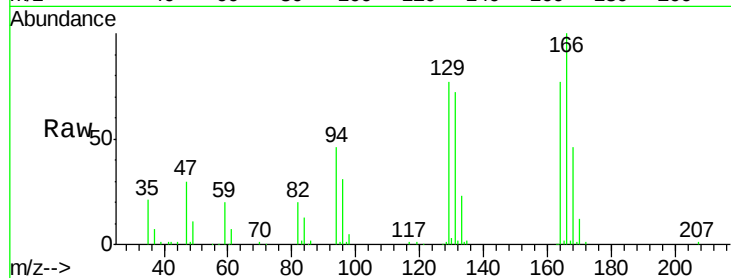
#61
 Tetrachloroethene
 Concen: 20.43 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	164	Resp	22878
Ion	Ratio	Lower	Upper
164	100		
166	129.8	99.0	148.4
129	100.5	77.0	115.6
131	93.3	75.8	113.6

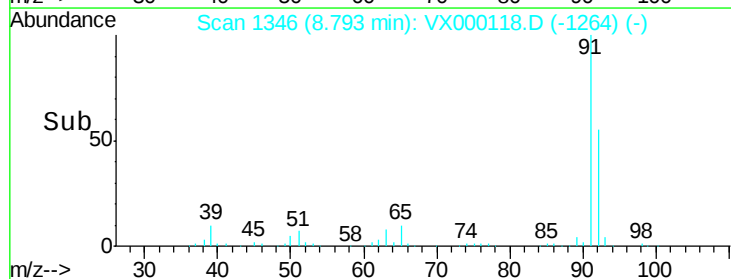
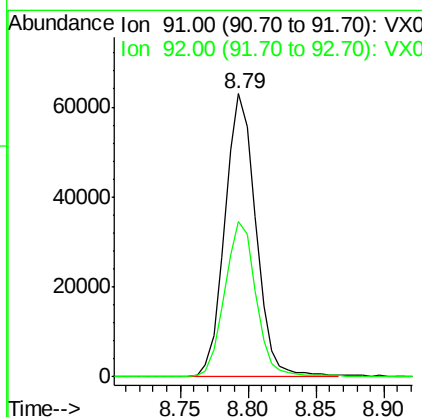
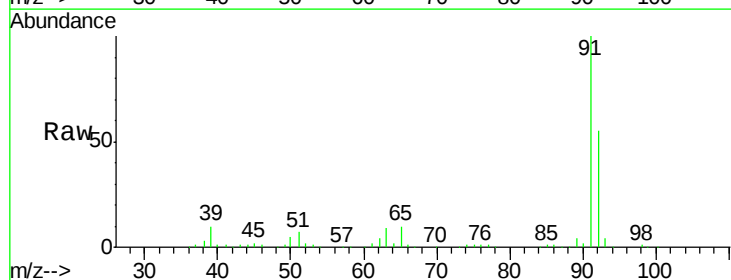
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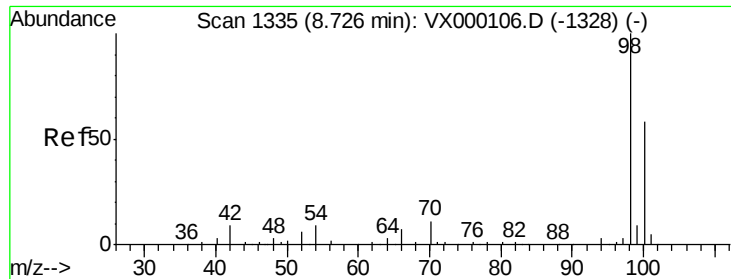
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#62
 Toluene
 Concen: 20.83 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	91	Resp	99929
Ion	Ratio	Lower	Upper
91	100		
92	55.1	45.4	68.0





#63

Toluene-d8

Concen: 29.99 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 118466

Ion Ratio Lower Upper

98 100

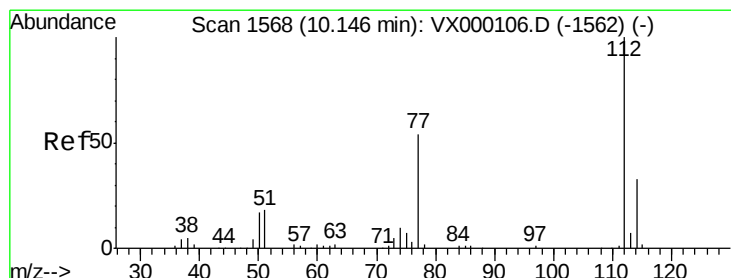
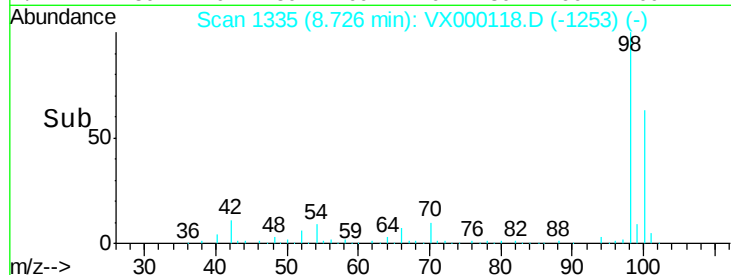
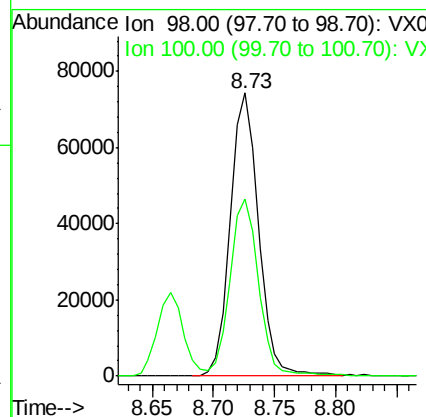
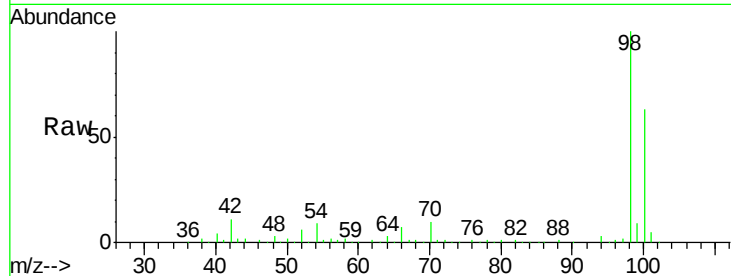
100 63.1 50.0 75.0

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#64

Chlorobenzene

Concen: 20.71 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000118.D

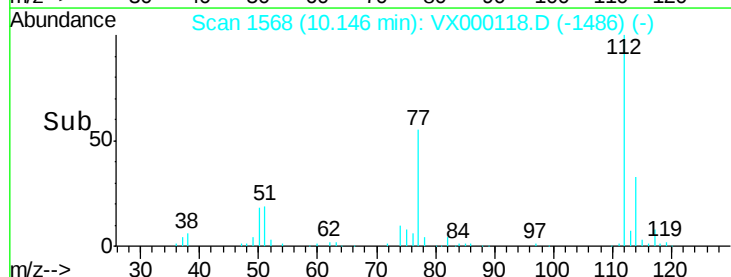
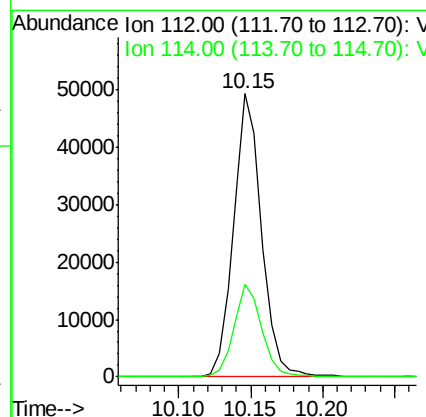
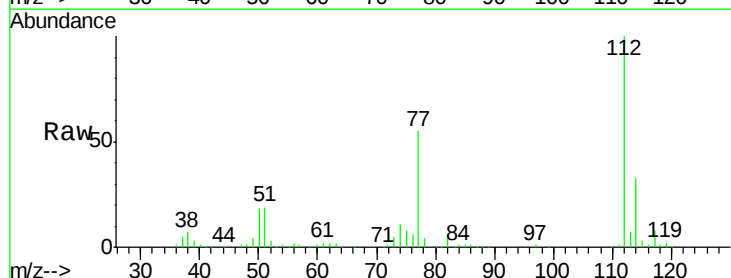
Acq: 20 Feb 2018 20:03

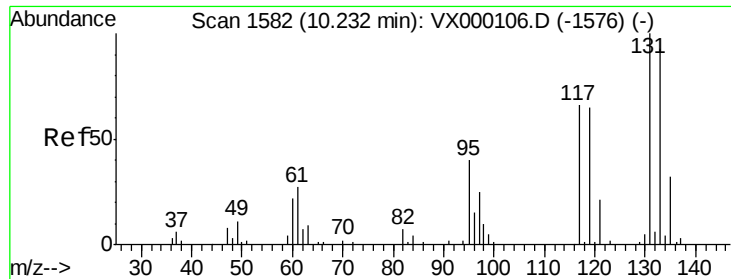
Tgt Ion: 112 Resp: 67145

Ion Ratio Lower Upper

112 100

114 32.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.25 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:131 Resp: 23263

Ion Ratio Lower Upper

131 100

133 96.7 0.0 187.6

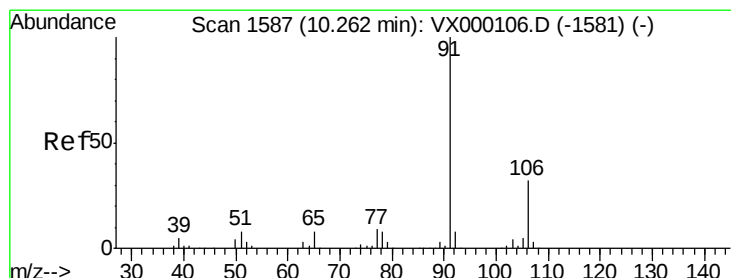
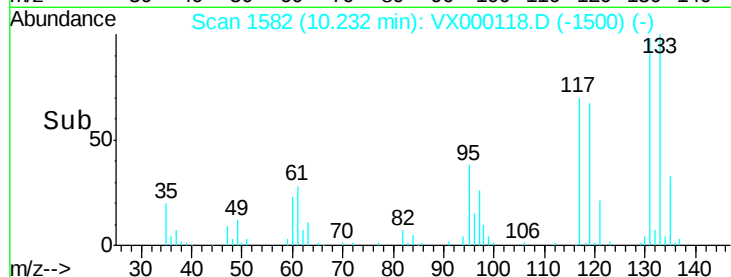
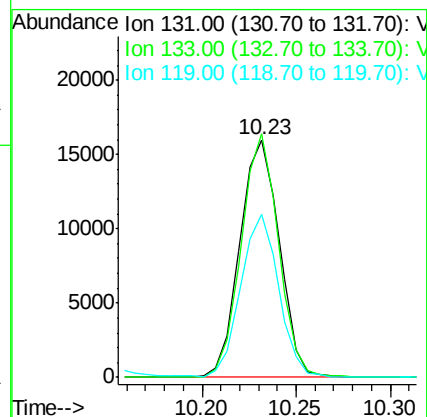
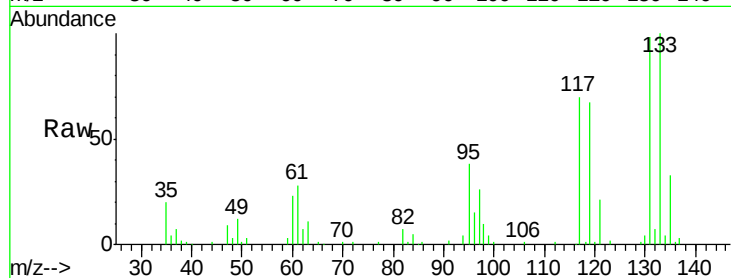
119 65.9 0.0 134.0

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#66

Ethyl Benzene

Concen: 20.51 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000118.D

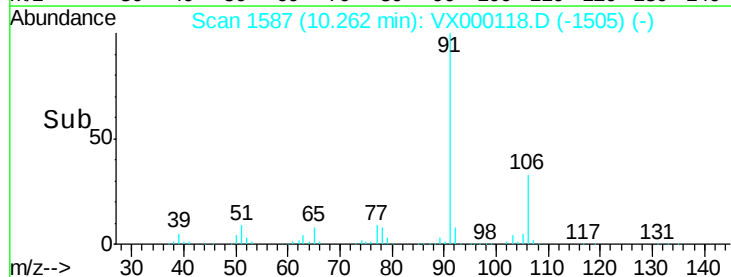
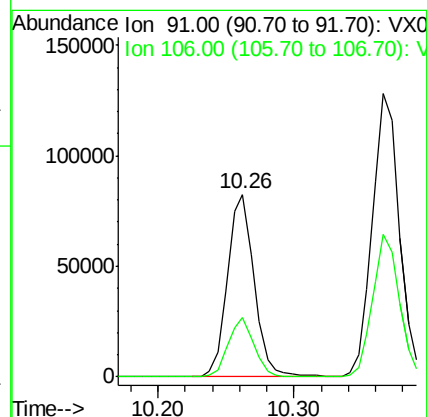
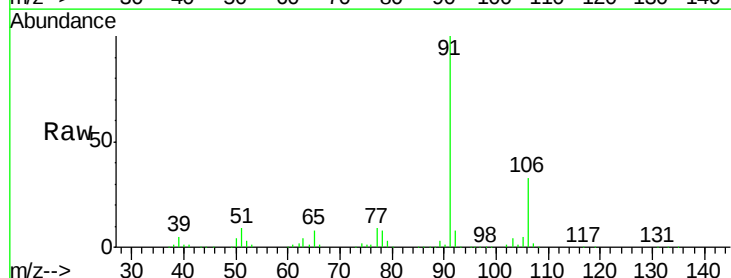
Acq: 20 Feb 2018 20:03

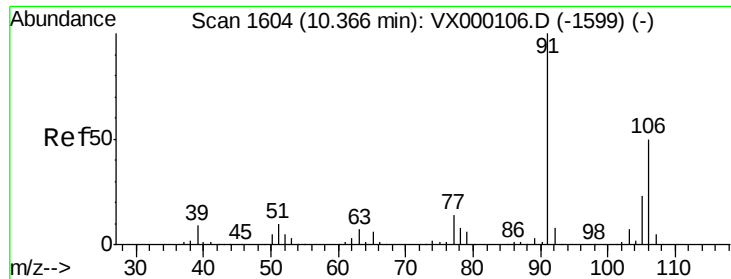
Tgt Ion: 91 Resp: 112335

Ion Ratio Lower Upper

91 100

106 32.9 25.9 38.9





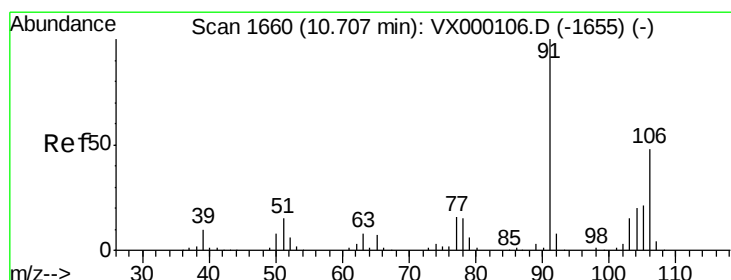
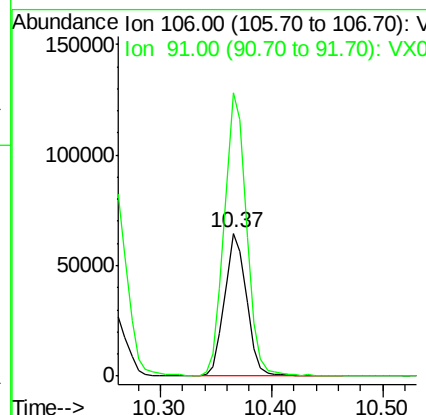
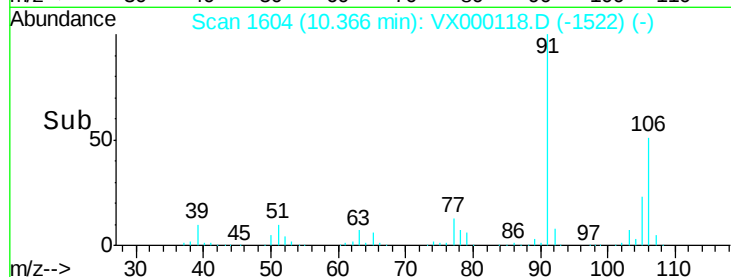
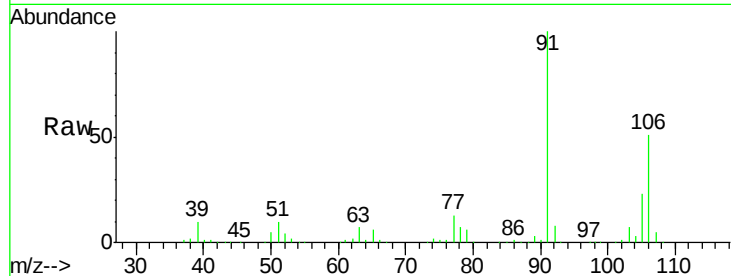
#67
m/p-Xylenes
Concen: 41.23 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 88536
Ion Ratio Lower Upper
106 100
91 199.4 161.6 242.4

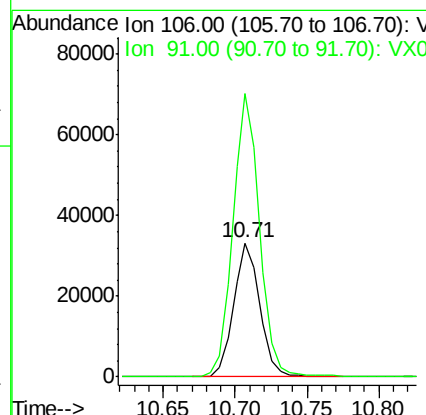
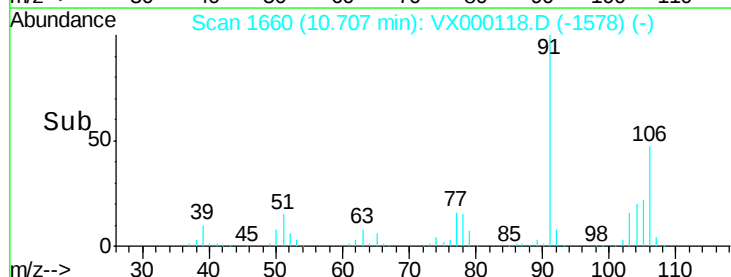
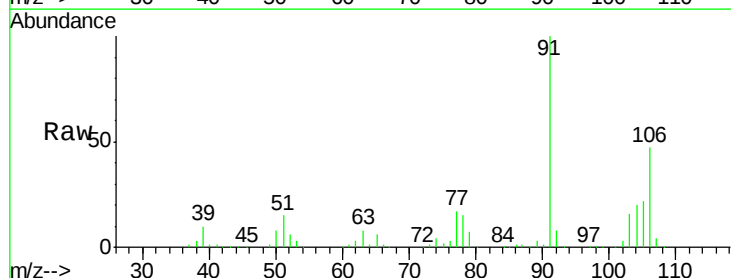
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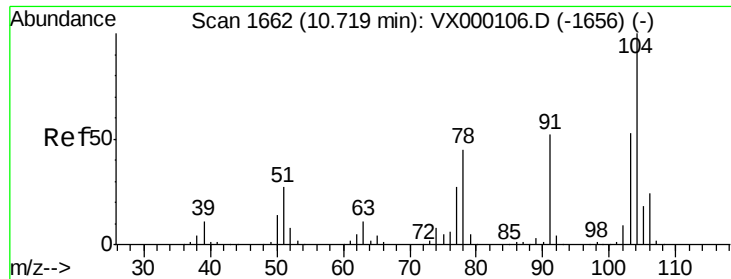
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#68
o-Xylene
Concen: 20.38 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion:106 Resp: 42501
Ion Ratio Lower Upper
106 100
91 214.0 105.6 316.8





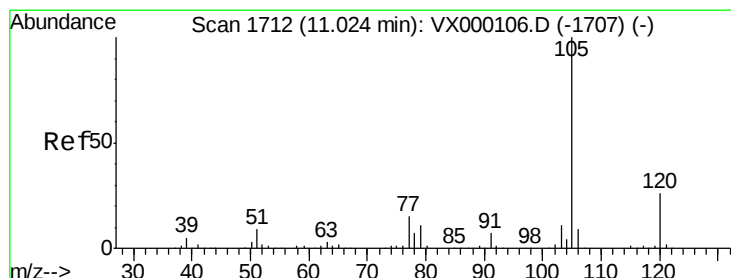
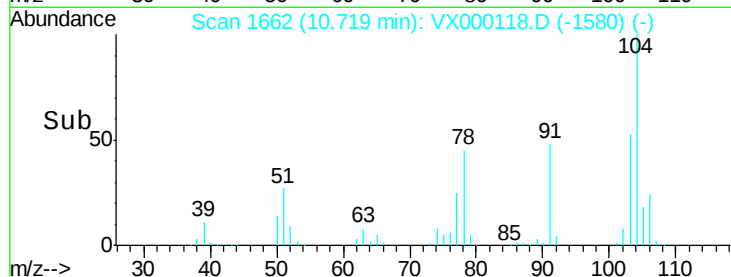
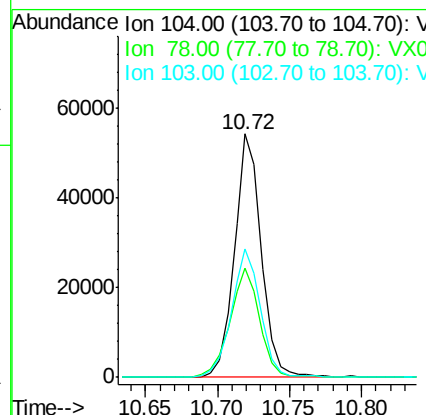
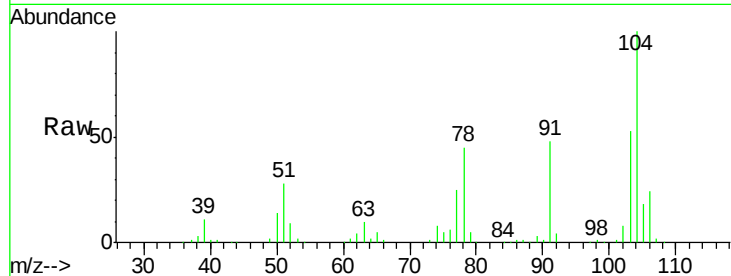
#69
Stvrene
Concen: 20.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.0	58.4
103	57.1	44.7	67.1

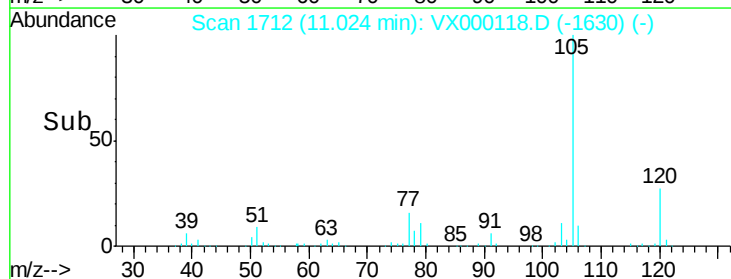
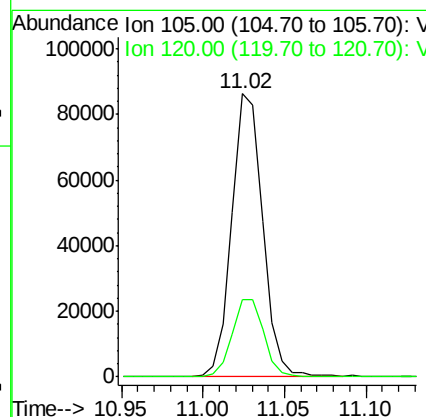
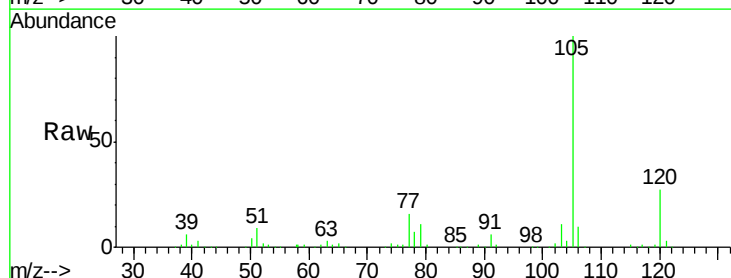
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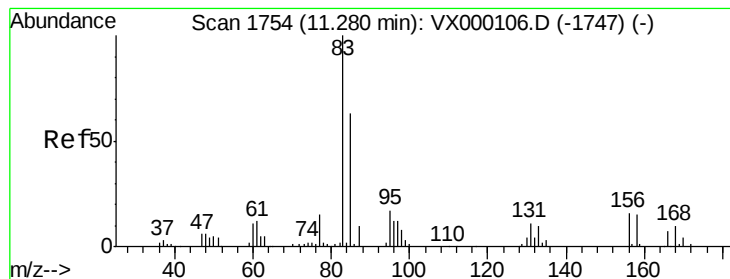
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#70
Isopropylbenzene
Concen: 20.27 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.90 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

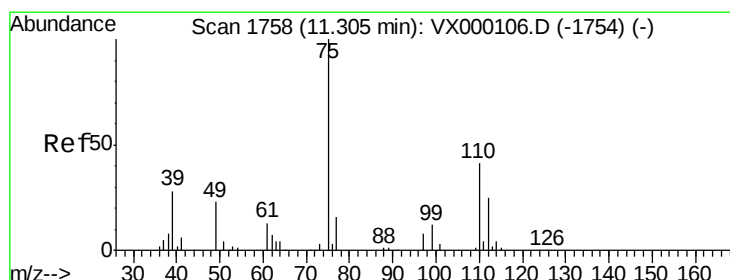
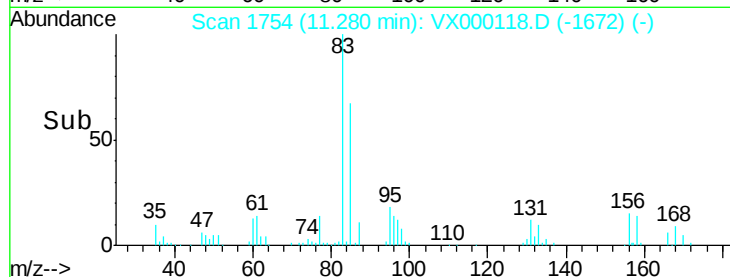
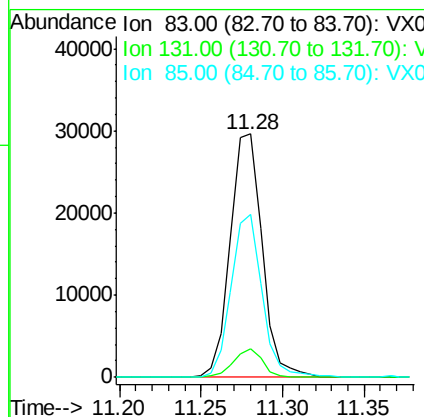
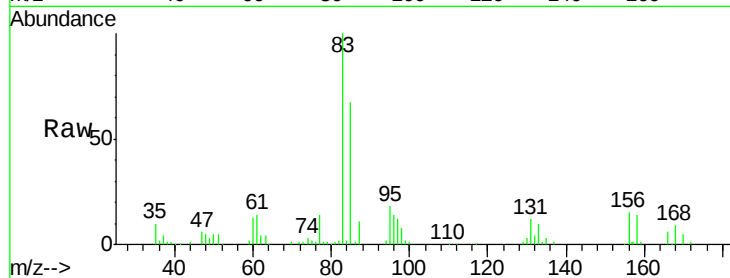
ClientSampleId :

VSTDCCC020EC

Tot Ion	83	Resp	40533
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	64.9	32.5	97.5

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#72

1,2,3-Trichloropropane

Concen: 20.66 ug/l m

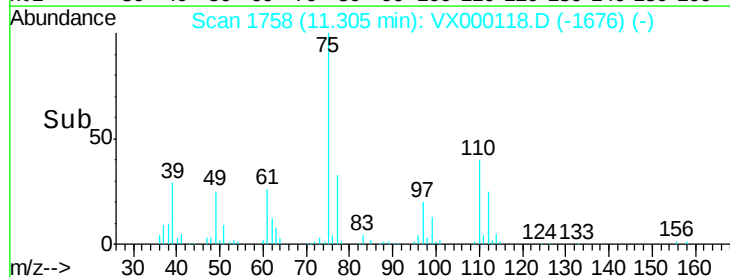
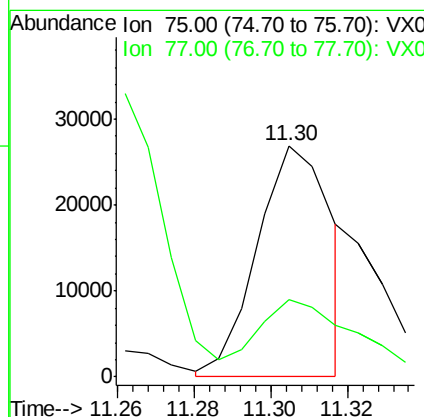
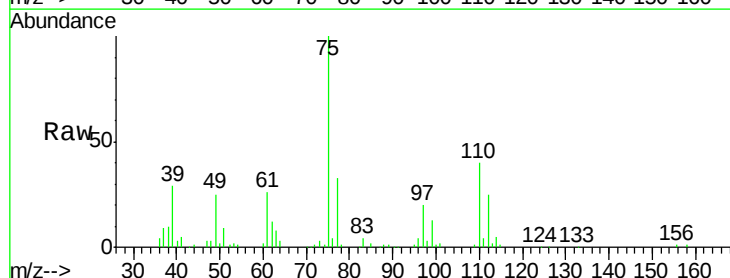
RT: 11.30 min Scan# 1758

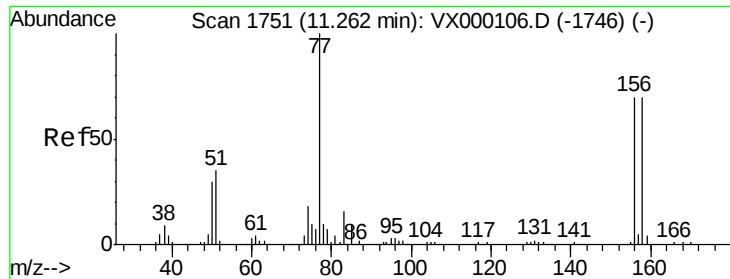
Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Tgt Ion	75	Resp	35956
Ion	Ratio	Lower	Upper
75	100		
77	44.6	0.0	85.8





#73

Bromobenzene

Concen: 20.21 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 29868

Ion Ratio Lower Upper

156 100

77 144.0 0.0 280.2

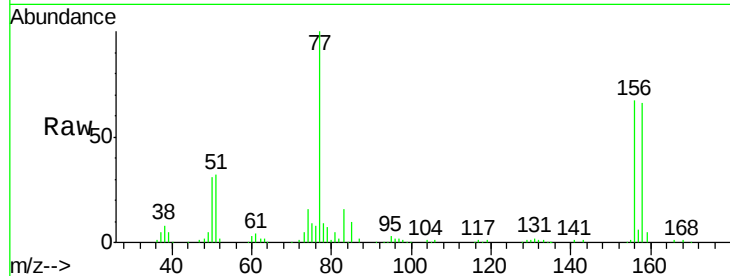
158 97.9 0.0 197.2

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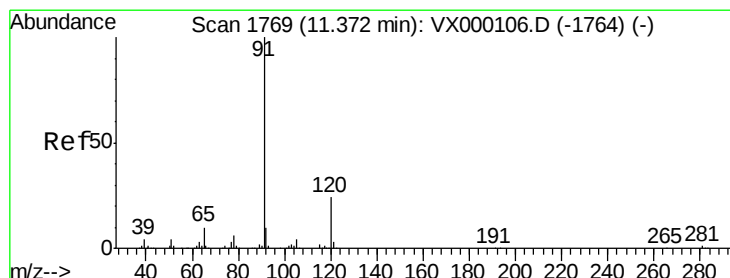
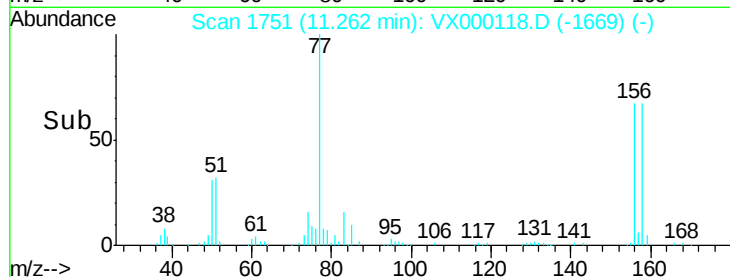
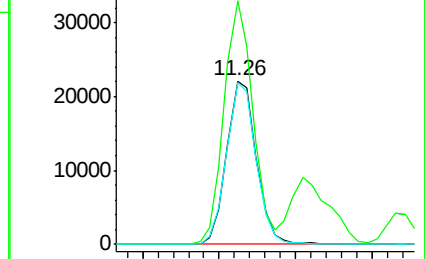
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.59 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.00 min

Lab File: VX000118.D

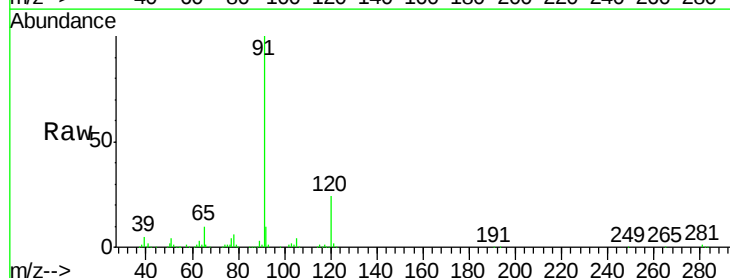
Acq: 20 Feb 2018 20:03

Tgt Ion: 91 Resp: 136029

Ion Ratio Lower Upper

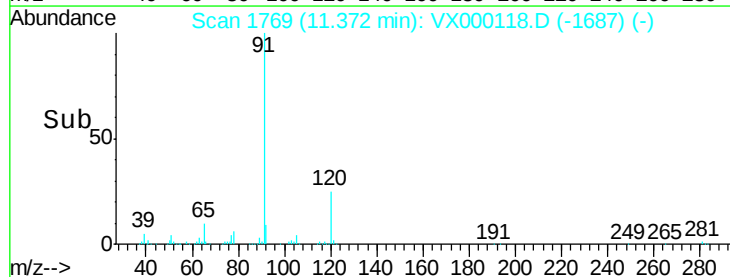
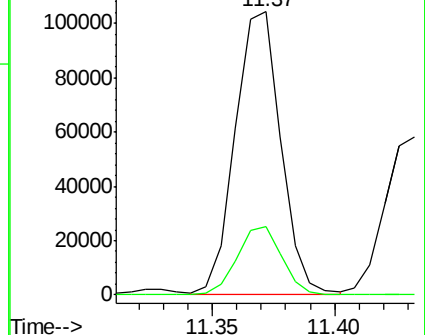
91 100

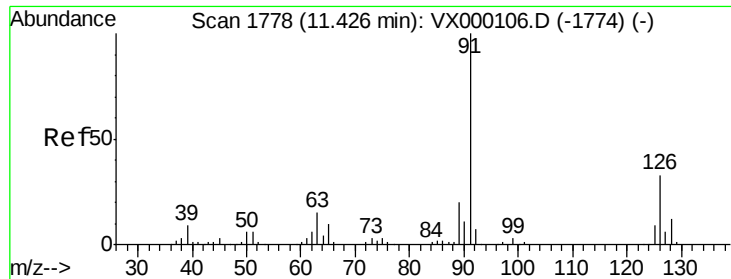
120 23.6 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.40 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000118.D

Acq: 20 Feb 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 77494

Ion Ratio Lower Upper

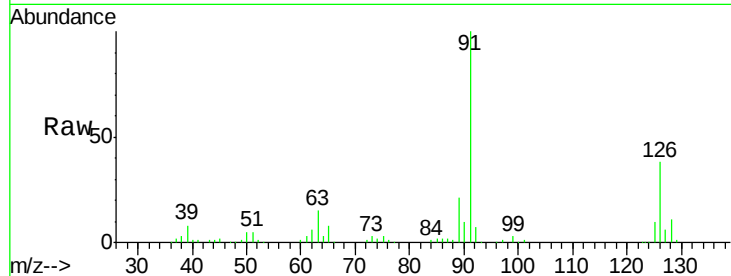
91 100

126 36.7 0.0 71.4

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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) (-)

120000

100000

80000

60000

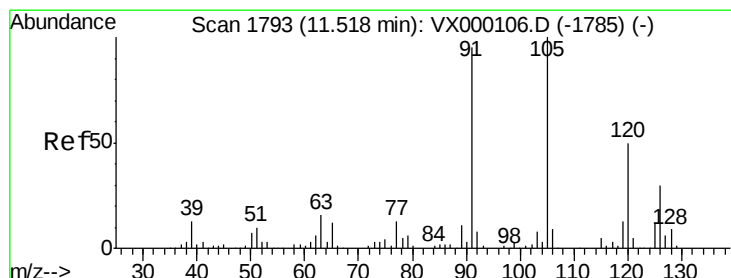
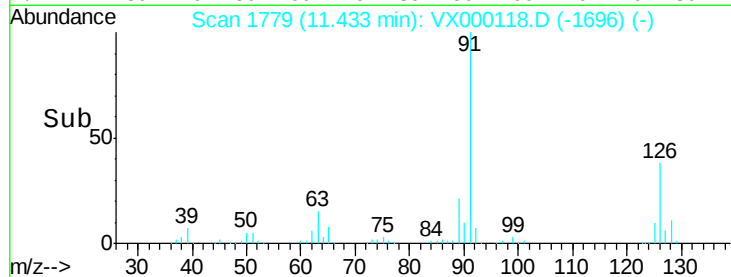
40000

20000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000118.D

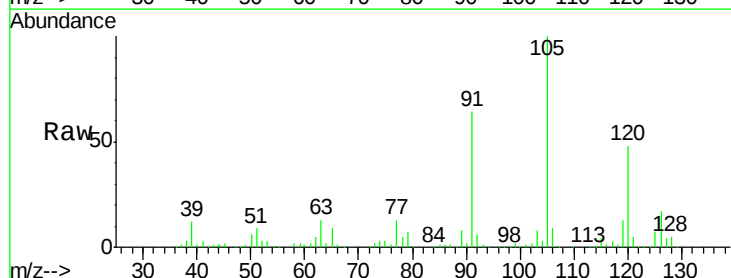
Acq: 20 Feb 2018 20:03

Tgt Ion: 105 Resp: 99031

Ion Ratio Lower Upper

105 100

120 48.6 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) (-)

80000

60000

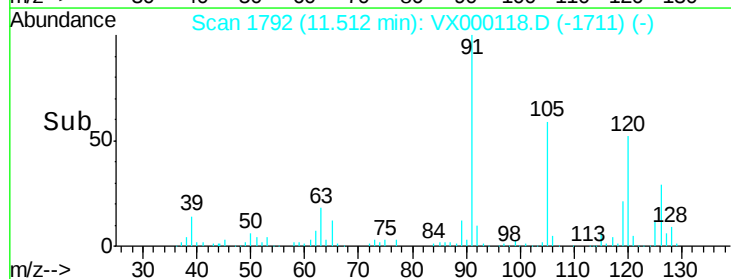
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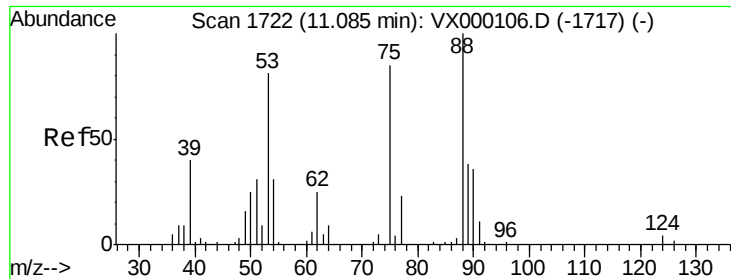
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0

11.45 11.50 11.55 11.60

Time-->





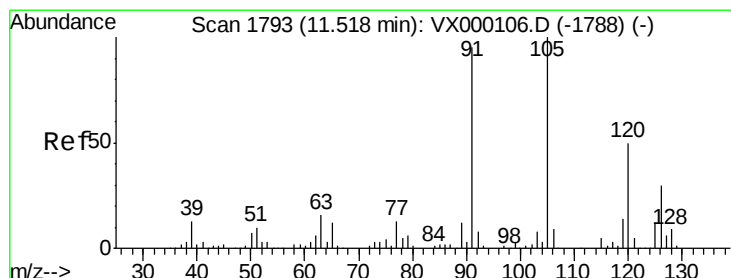
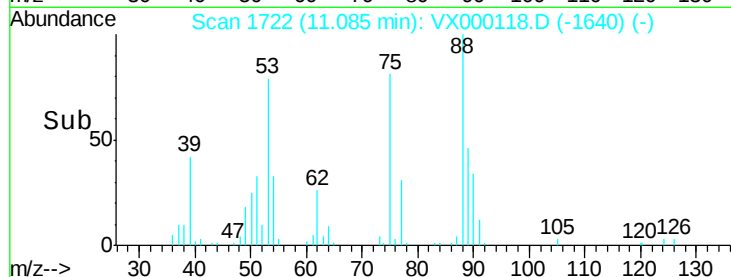
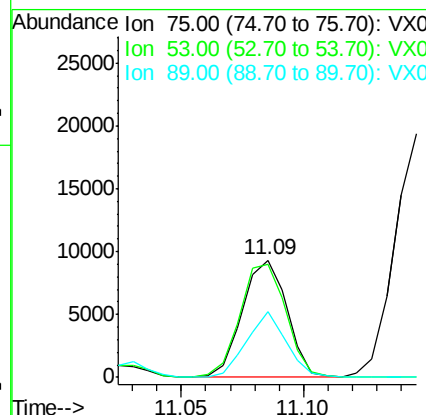
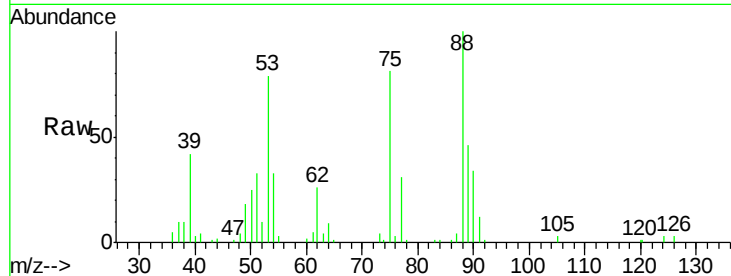
#77
t-1,4-Dichloro-2-butene
Concen: 19.29 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	47.8	143.3
89	55.8	22.3	66.8

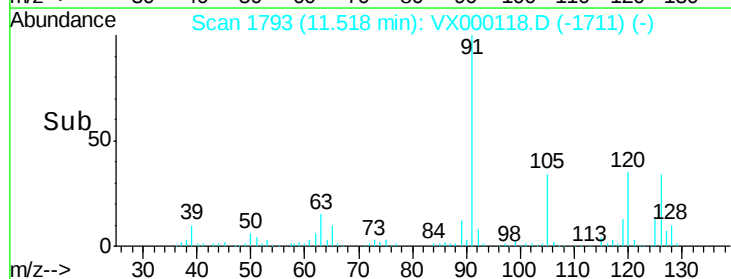
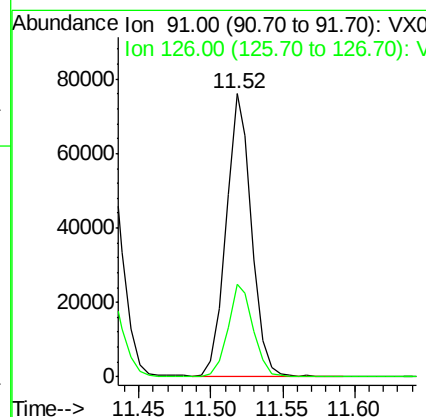
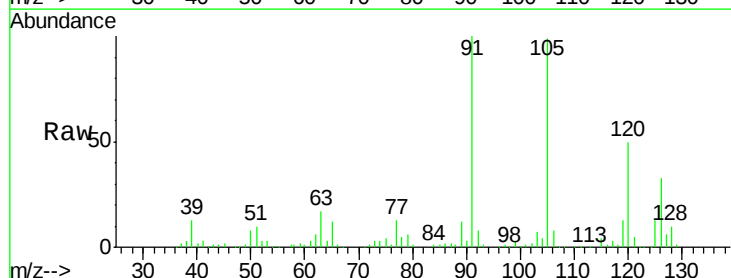
Manual Integrations
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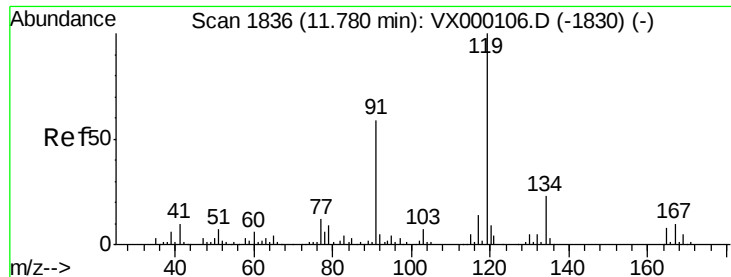
apatel
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#78
4-Chlorotoluene
Concen: 20.86 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	0.0	63.4





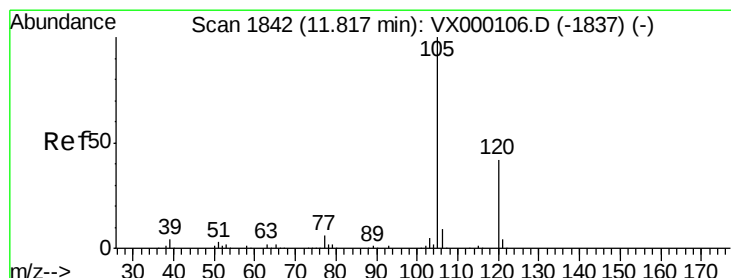
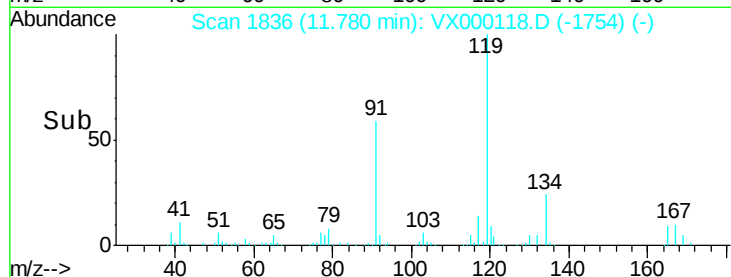
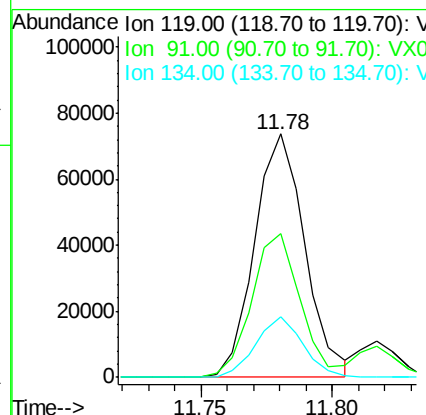
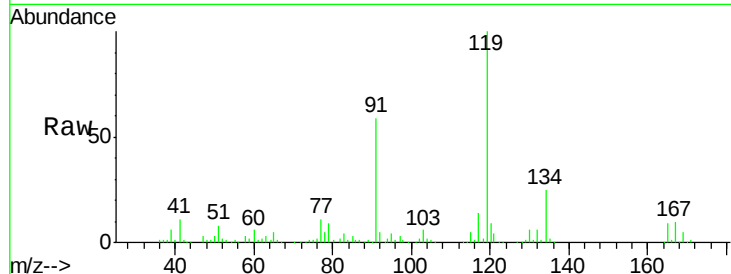
#79
tert-butylbenzene
Concen: 20.65 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	98204		
91	26.5	0.0	51.6	
134	30.1	0.0	60.2	

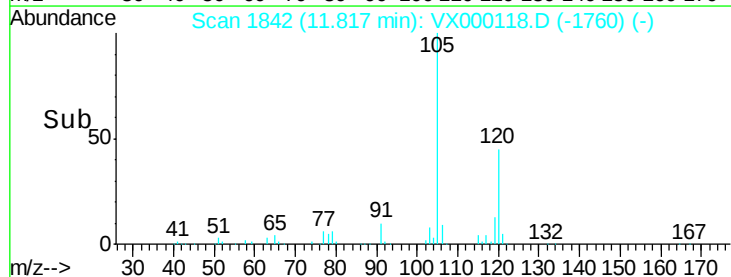
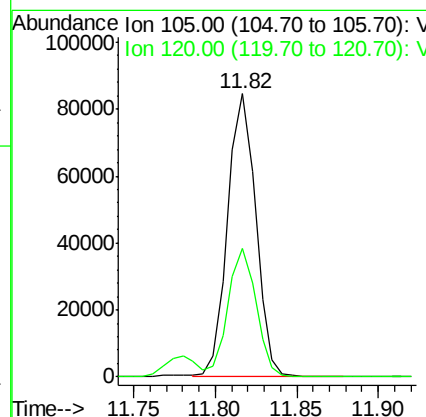
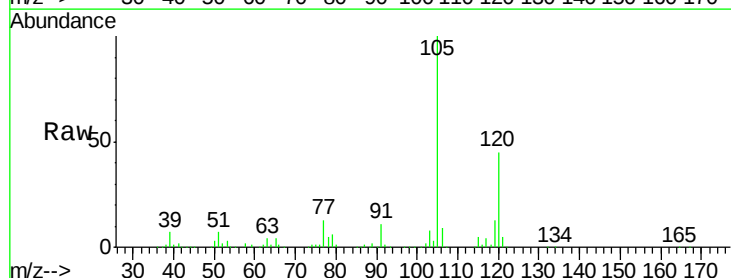
Manual Integrations
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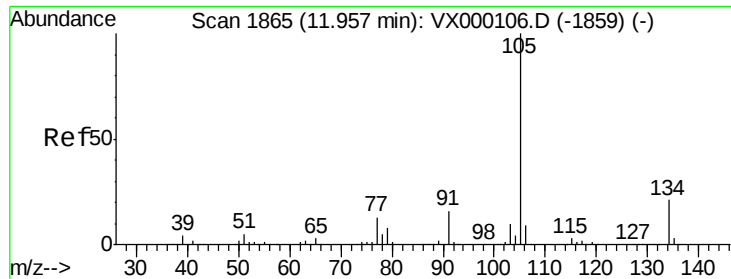
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 20.99 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102309		
120	45.2	0.0	93.0	





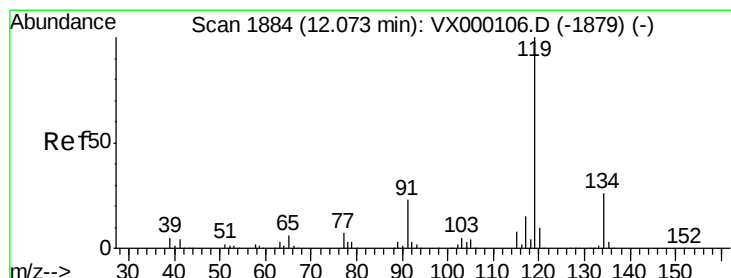
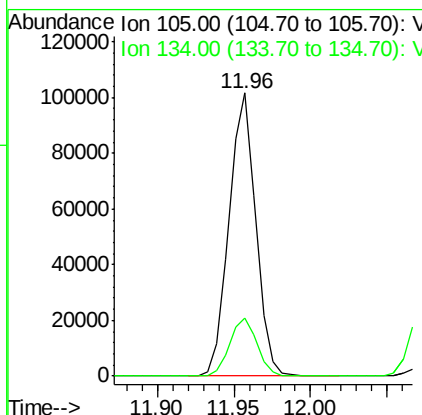
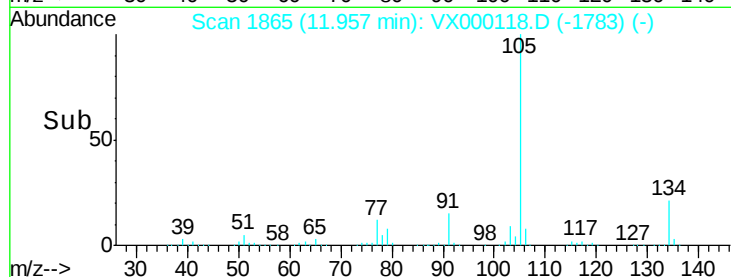
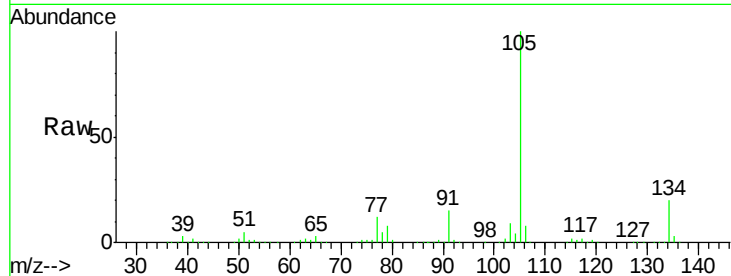
#81
 sec-Butylbenzene
 Concen: 20.94 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	0.0	41.8

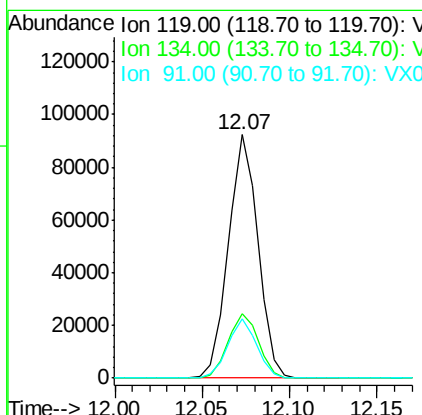
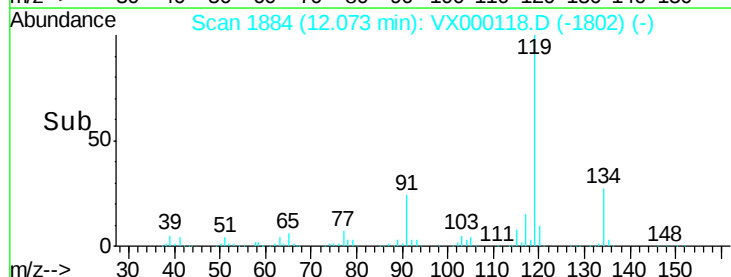
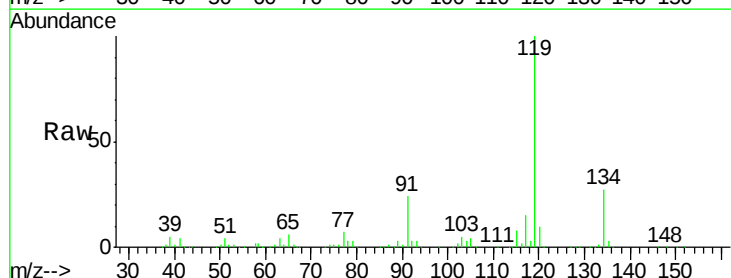
Manual Integrations
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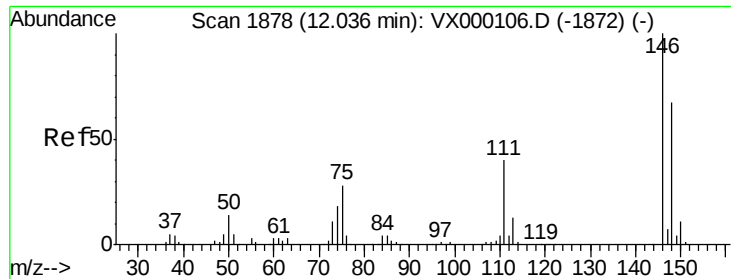
apatel
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#82
 p-Isopropyltoluene
 Concen: 20.74 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	0.0	54.4
91	23.9	0.0	46.6





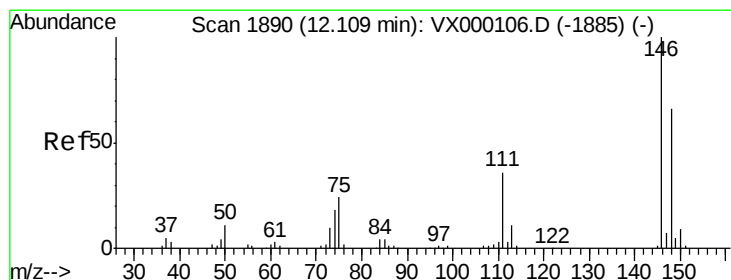
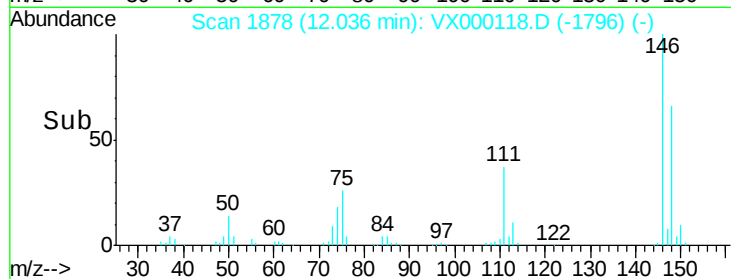
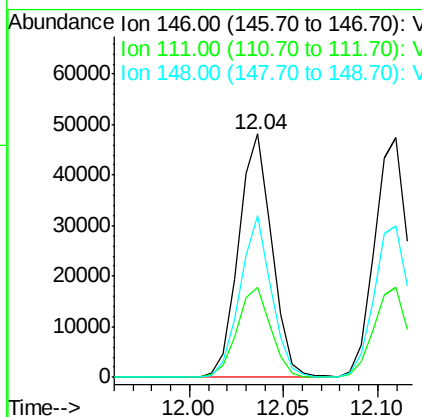
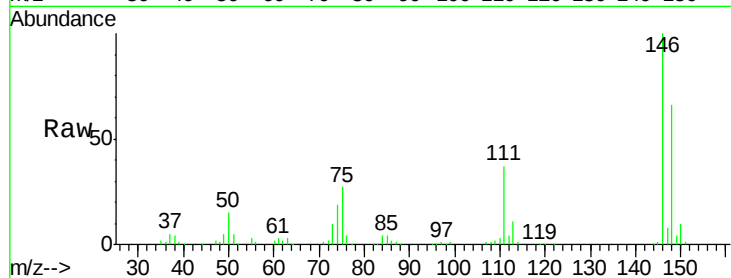
#83
 1,3-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.4	58.2
148	63.1	32.6	97.7

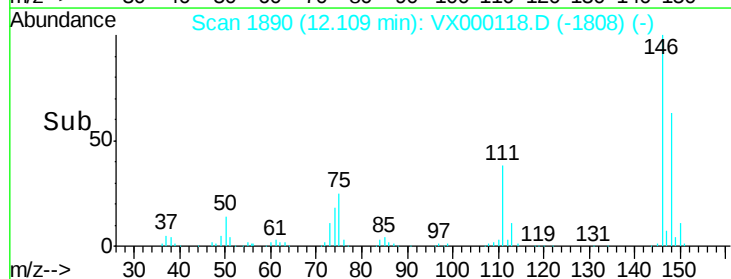
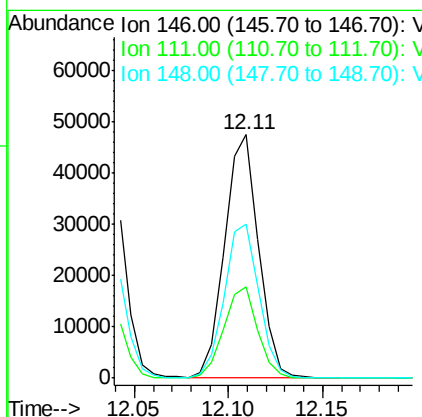
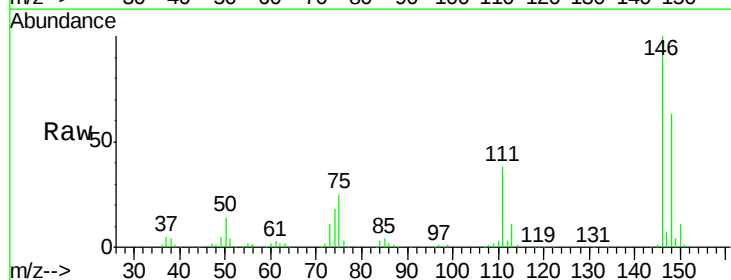
Manual Integrations
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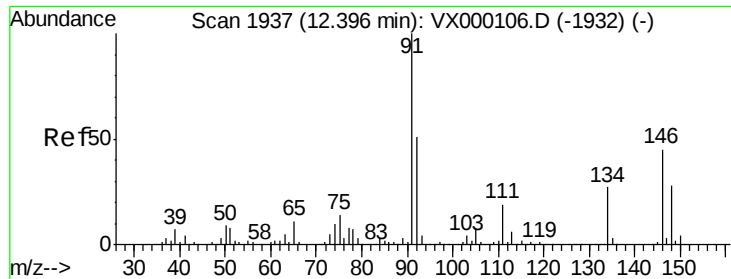
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#84
 1,4-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.0
148	64.9	31.9	95.7





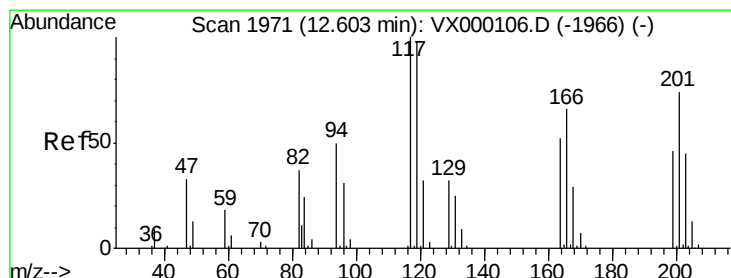
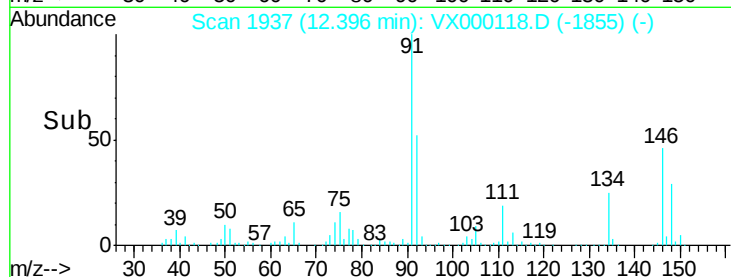
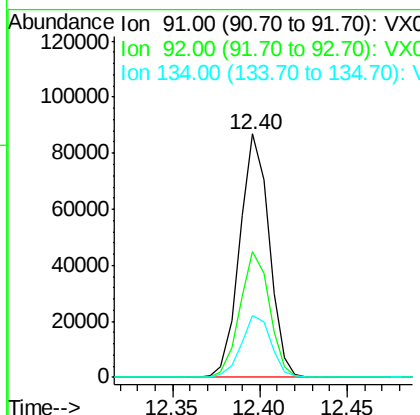
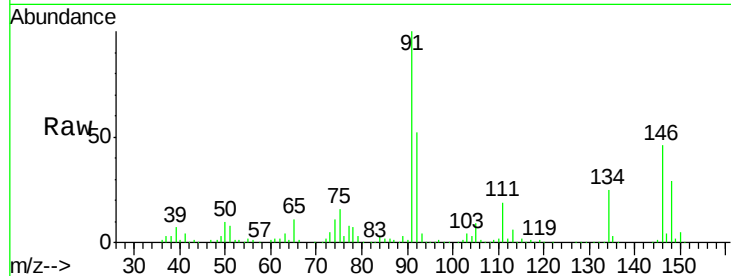
#85
n-Butylbenzene
Concen: 20.71 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	101866		
92	52.0		0.0	102.0
134	25.6		0.0	54.2

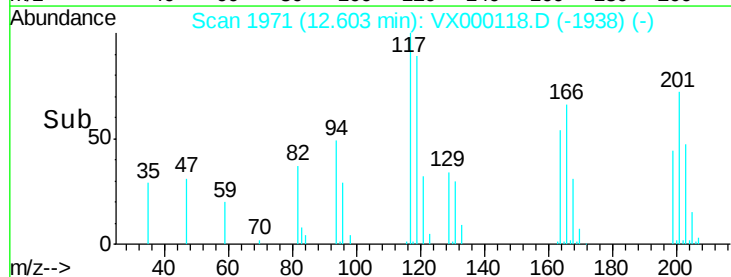
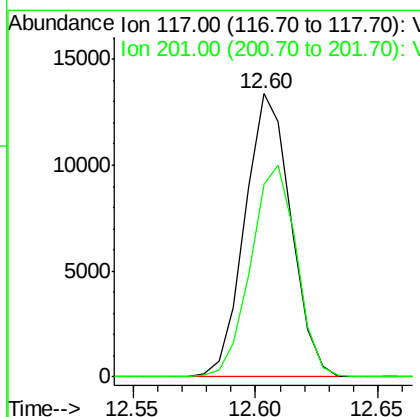
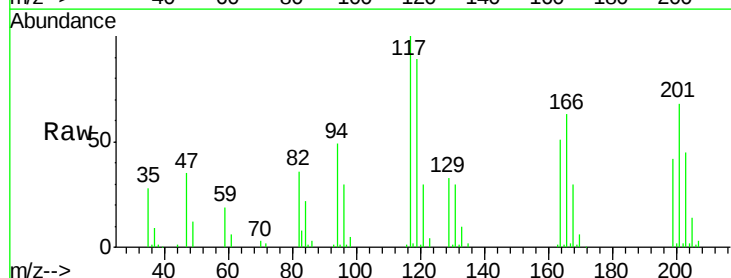
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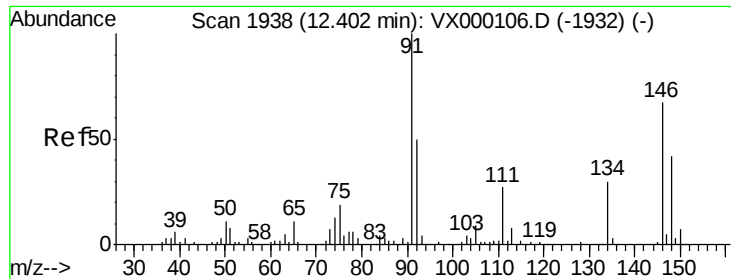
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#86
Hexachloroethane
Concen: 20.02 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	17535		
201	74.4		38.9	116.6





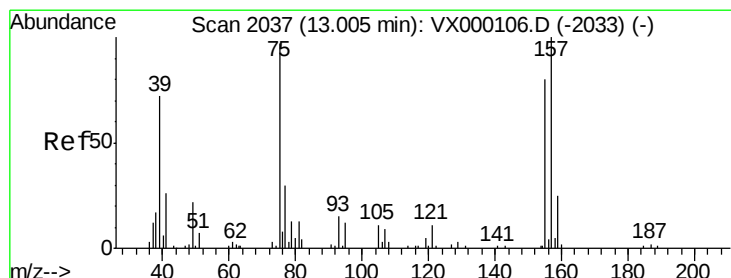
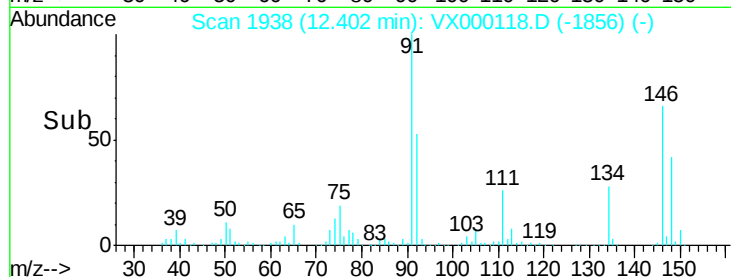
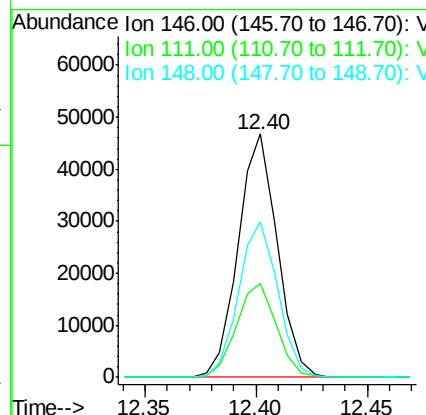
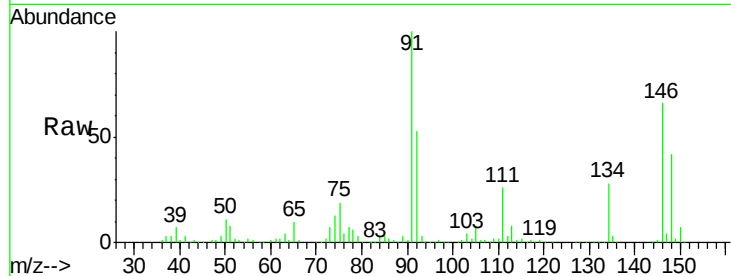
#87
 1,2-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	64.2	31.6	95.0

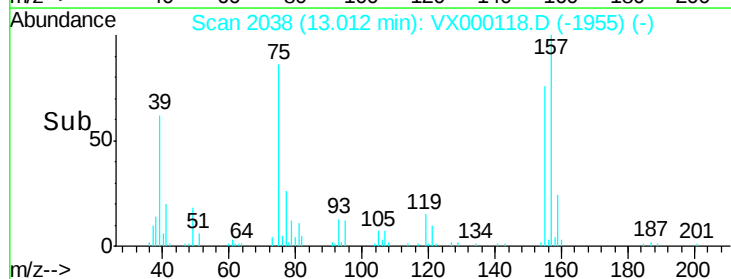
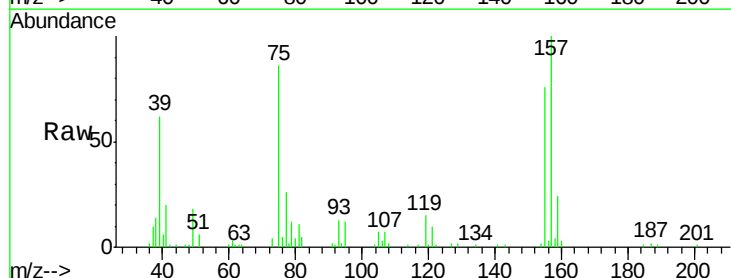
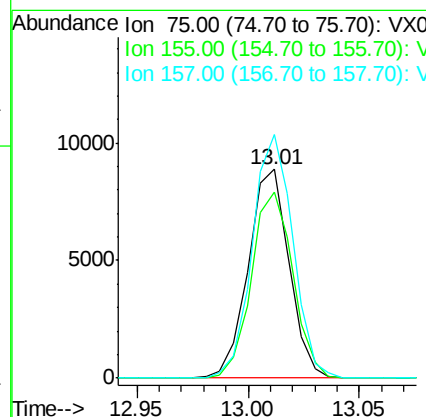
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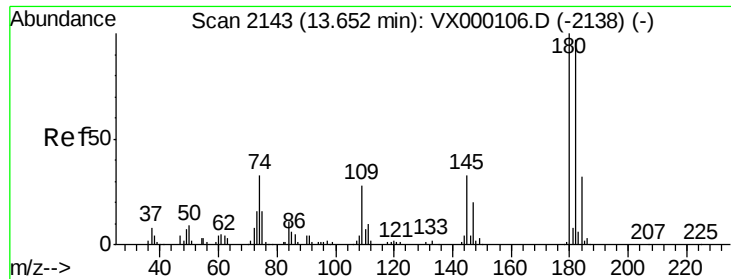
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.99 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000118.D
 Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	75.1	112.7
157	115.2	99.0	148.4





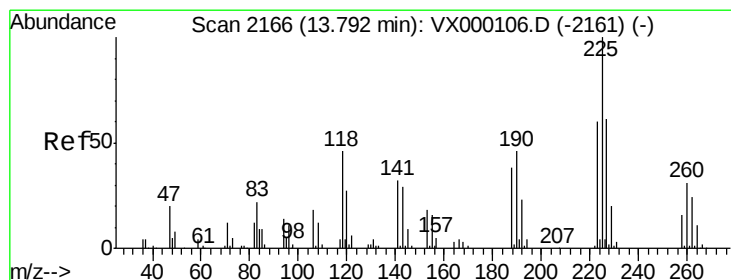
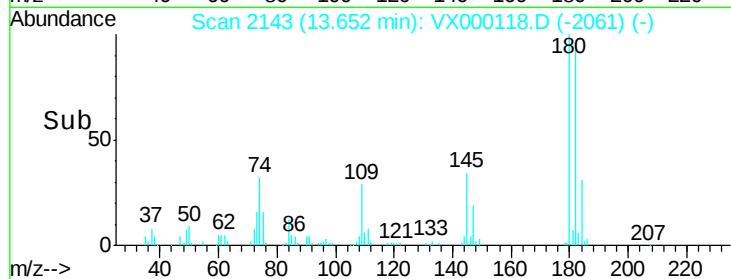
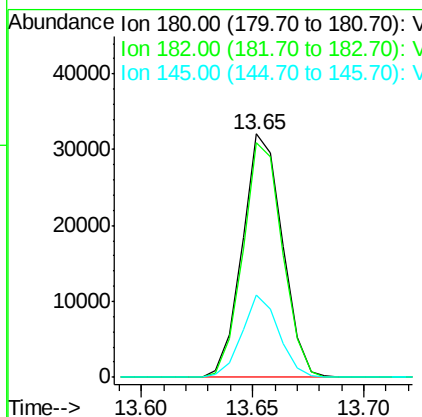
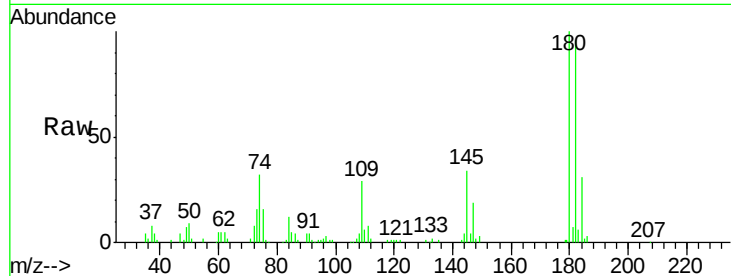
#89
1,2,4-Trichlorobenzene
Concen: 19.71 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.3	114.5
145	31.1	24.6	37.0

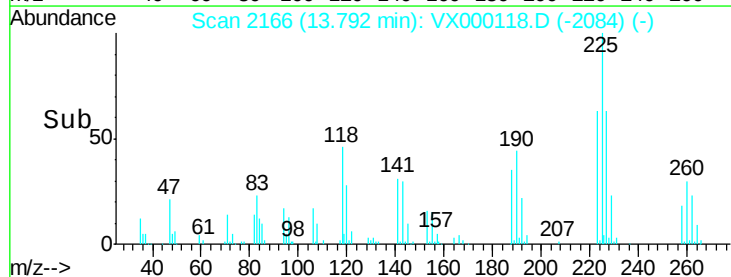
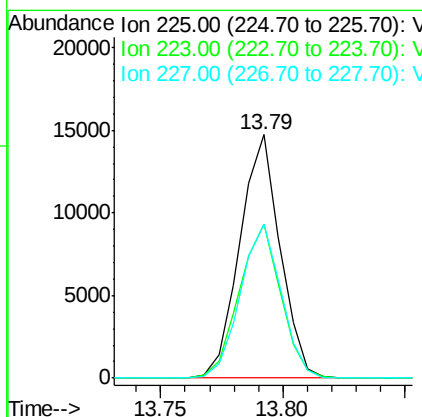
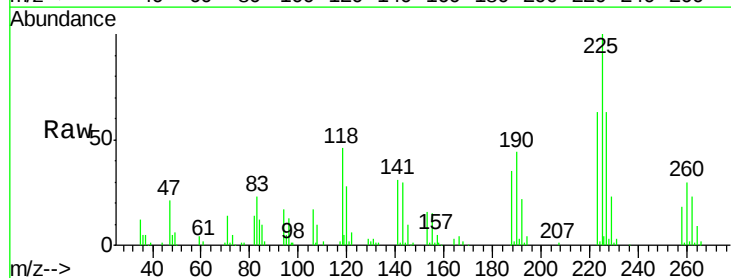
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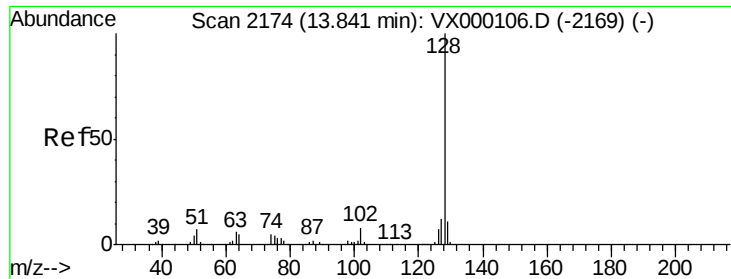
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#90
Hexachlorobutadiene
Concen: 19.22 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	0.0	131.2
227	63.7	0.0	127.6





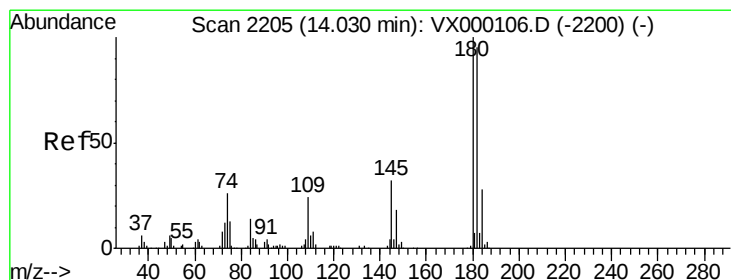
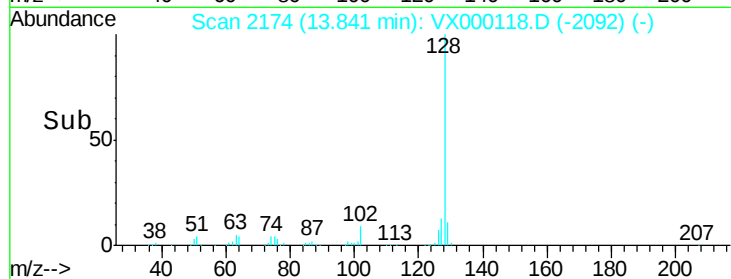
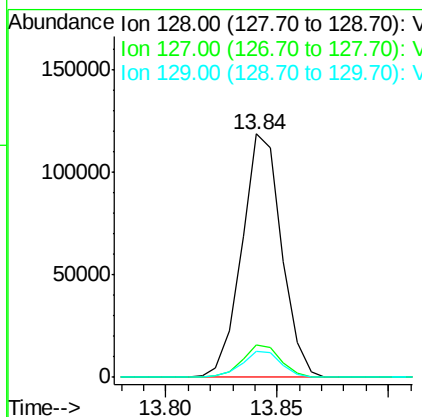
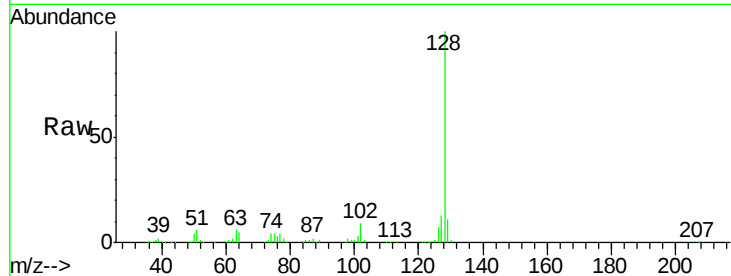
#91
Naphthalene
Concen: 20.66 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 19.85 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000118.D
Acq: 20 Feb 2018 20:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	188.6
145	32.5	0.0	65.8

