

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000214.D
 Acq On : 08 Mar 2018 09:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

apatel
 3/9/2018 9:38:07 AM

Quant Time: Mar 08 12:55:07 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	25754	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	150982	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	149607	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	60626	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	11.15	95	75598	30.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.97%
63) Toluene-d8	8.72	98	192875	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	18898	11.82	ug/l	99
3) Chloromethane	1.32	50	17130	10.69	ug/l	96
4) Vinyl Chloride	1.41	62	20268	10.63	ug/l	97
5) Bromomethane	1.65	94	17320	9.86	ug/l	89
6) Chloroethane	1.73	64	14115	11.57	ug/l	89
7) Trichlorofluoromethane	1.94	101	42740	12.94	ug/l	98
8) Diethyl Ether	2.19	74	15909	13.80	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25248	14.01	ug/l	93
10) 1,1-Dichloroethene	2.38	96	19195	11.15	ug/l #	78
11) Methyl Iodide	2.52	142	16189	9.68	ug/l	95
12) Methyl Acetate	2.78	43	58053	18.88	ug/l	95
13) Acrolein	2.29	56	41354	111.75	ug/l	99
14) Acrylonitrile	3.15	53	112421	84.37	ug/l	98
15) Acetone	2.45	58	47050	108.30	ug/l	92
16) Carbon Disulfide	2.58	76	28089	5.71	ug/l #	91
17) Allyl chloride	2.73	41	41642	14.19	ug/l	93
18) Methylene Chloride	2.86	84	24265	12.94	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	21586	11.53	ug/l	98
20) Diisopropyl ether	3.87	45	88826	19.17	ug/l	95
21) 1,1-Dichloroethane	3.70	63	47401	15.52	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	24543	14.11	ug/l	94
23) tert-Butyl Alcohol	3.06	59	67191	88.22	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	93429	15.76	ug/l	98
25) Chloroform	5.22	83	48529	16.03	ug/l	97
26) Cyclohexane	5.58	56	27730	11.58	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	30548	13.89	ug/l	98
30) 2-Butanone	4.71	43	170067	100.48	ug/l	99
31) 2,2-Dichloropropane	4.60	77	37642	15.92	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	41611	15.64	ug/l	98
33) Carbon Tetrachloride	5.79	117	34344	14.54	ug/l	97
34) Benzene	6.15	78	92901	14.68	ug/l	92
35) Methacrylonitrile	5.07	41	27557	17.68	ug/l	88
36) 1,2-Dichloroethane	6.20	62	39925	16.64	ug/l #	91
37) Trichloroethene	7.22	130	26981	14.43	ug/l	97
38) Methylcyclohexane	7.46	83	33210	12.60	ug/l	96
39) 1,2-Dichloropropane	7.52	63	27683	17.53	ug/l	92
40) Dibromomethane	7.67	93	20741	17.04	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	39160	16.93	ug/l	94
42) Vinyl Acetate	3.83	43	403351	93.50	ug/l	98
43) Ethyl Acetate	4.87	43	49195	16.55	ug/l	97
44) Isopropyl Acetate	6.48	43	77621	17.80	ug/l	98
45) 1,4-Dioxane	7.76	88	17035	310.54	ug/l	97
46) Methyl methacrylate	7.79	41	37110	17.49	ug/l	94
47) n-amyl Acetate	10.91	43	70283	18.46	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	43783	16.26	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	45365	17.31	ug/l	94
50) 1,1,2-Trichloroethane	9.23	97	31399	17.57	ug/l	98
51) Ethyl methacrylate	9.19	69	47263	17.26	ug/l	95
52) 1,3-Dichloropropane	9.38	76	50485	17.61	ug/l	99
53) Dibromochloromethane	9.59	129	33775	16.99	ug/l	100
54) 1,2-Dibromoethane	9.68	107	32386	16.26	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	166404	139.20	ug/l	99
56) Bromoform	10.87	173	25849	16.05	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	318907	97.32	ug/l	98
59) 2-Hexanone	9.51	43	278923	100.52	ug/l	98
61) Tetrachloroethene	9.34	164	25275	13.91	ug/l	96
62) Toluene	8.79	91	117009	15.03	ug/l	99
64) Chlorobenzene	10.15	112	84358	16.04	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	30750	16.50	ug/l	98
66) Ethyl Benzene	10.26	91	141183	15.89	ug/l	97
67) m/p-Xylenes	10.37	106	109735	31.51	ug/l	100
68) o-Xylene	10.71	106	54703	16.17	ug/l	99
69) Styrene	10.72	104	92974	16.59	ug/l	99
70) Isopropylbenzene	11.02	105	151987	16.62	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	58821	18.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	54017m	19.14	ug/l	
73) Bromobenzene	11.26	156	38988	16.26	ug/l	94
74) n-propylbenzene	11.37	91	186629	17.41	ug/l	98
75) 2-Chlorotoluene	11.43	91	107127	17.38	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	131439	16.96	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	16610	16.64	ug/l	96
78) 4-Chlorotoluene	11.52	91	129179	17.50	ug/l	98
79) tert-butylbenzene	11.78	119	137425m	17.82	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	136638	17.28	ug/l	98
81) sec-Butylbenzene	11.96	105	172213	18.06	ug/l	97
82) p-Isopropyltoluene	12.07	119	149435	17.57	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	80974	17.74	ug/l	96
84) 1,4-Dichlorobenzene	12.11	146	80250	16.87	ug/l	98
85) n-Butylbenzene	12.40	91	149155	18.69	ug/l	98
86) Hexachloroethane	12.60	117	23072	16.24	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	79410	17.55	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17316	19.68	ug/l	88
89) 1,2,4-Trichlorobenzene	13.65	180	58438	17.59	ug/l	99
90) Hexachlorobutadiene	13.79	225	24727	17.28	ug/l	96
91) Naphthalene	13.84	128	205818	17.73	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	58414	17.49	ug/l	99

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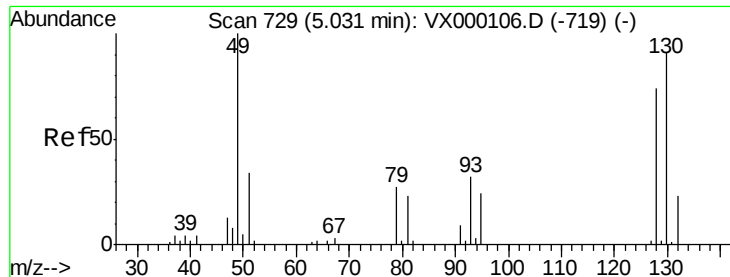
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

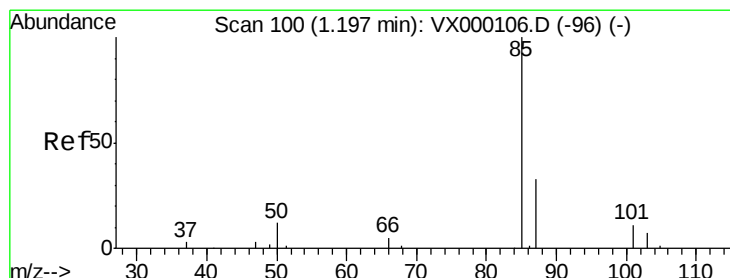
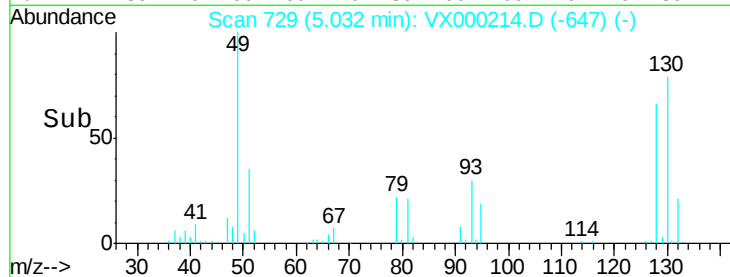
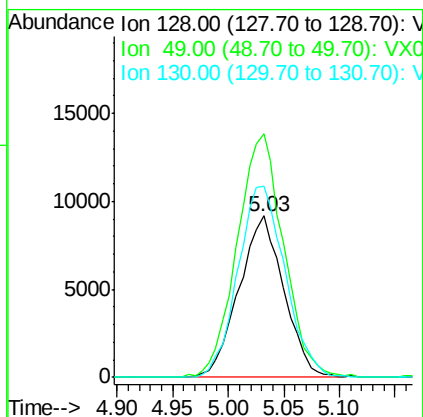
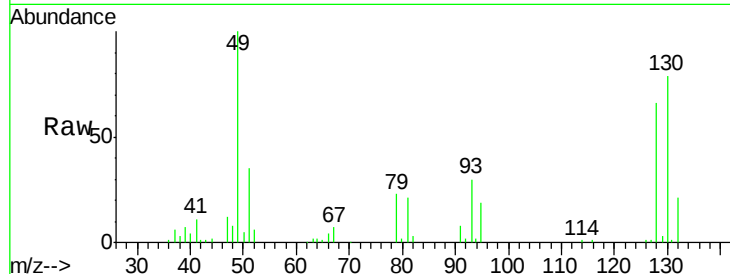
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	25754
Ion	Ratio	Lower	Upper
128	100		
49	156.2	0.0	378.3
130	124.5	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 11.82 ug/l

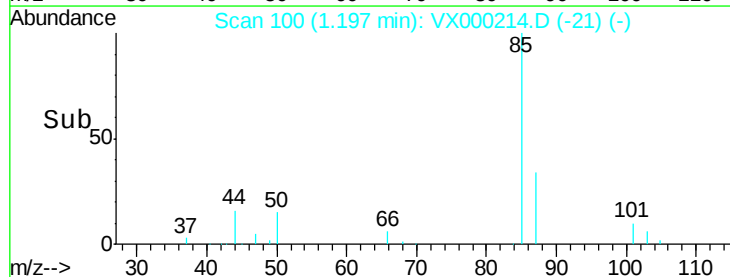
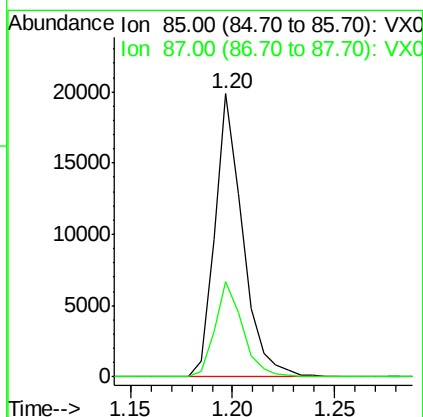
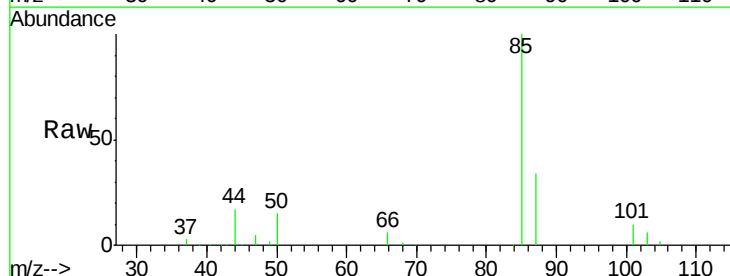
RT: 1.20 min Scan# 100

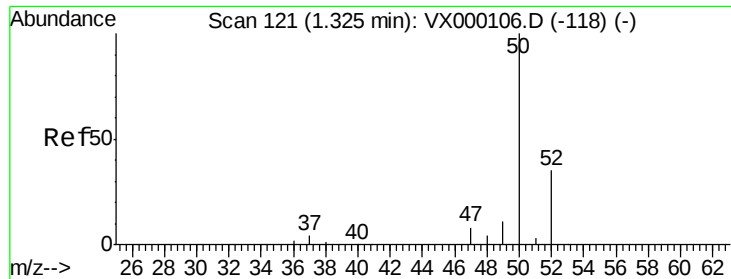
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	85	Resp:	18898
Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.6	49.7





#3

Chloromethane

Concen: 10.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 17130

Ion Ratio Lower Upper

50 100

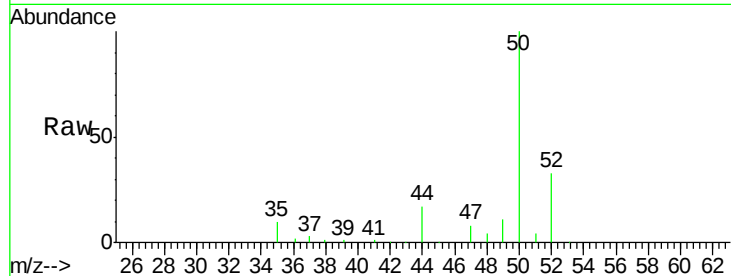
52 32.2 27.8 41.6

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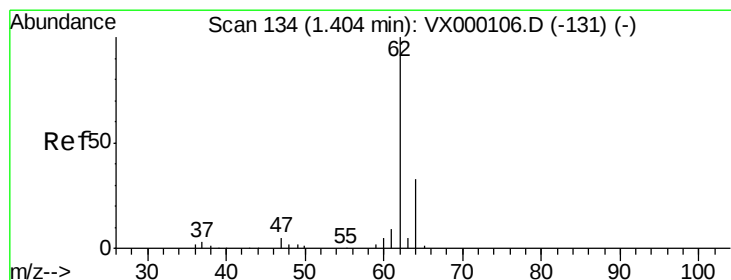
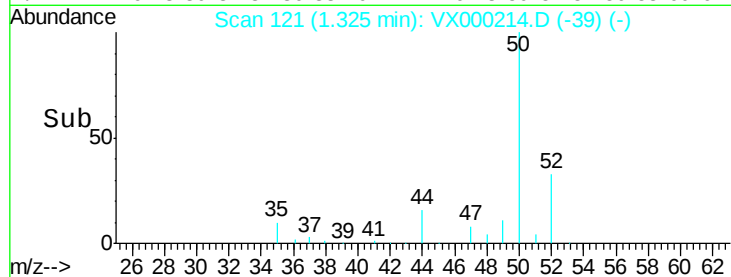
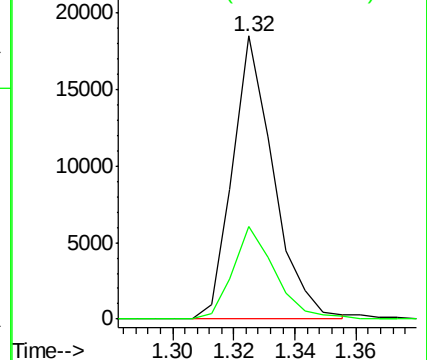
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 10.63 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000214.D

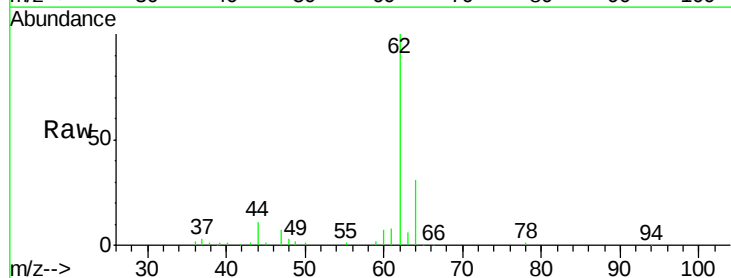
Acq: 08 Mar 2018 09:45

Tgt Ion: 62 Resp: 20268

Ion Ratio Lower Upper

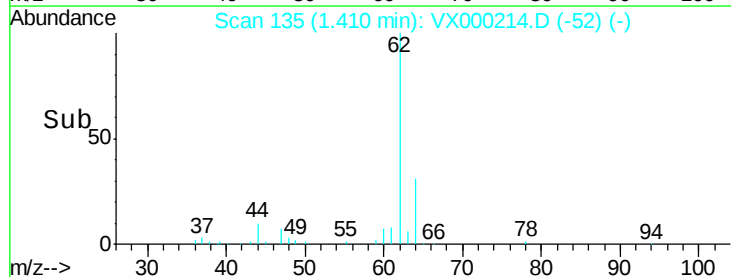
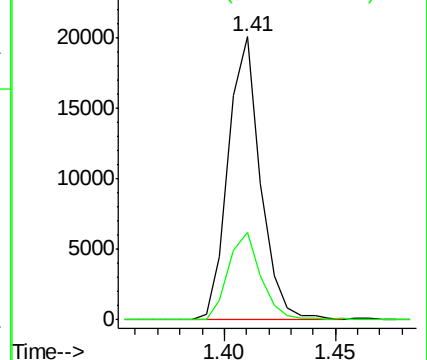
62 100

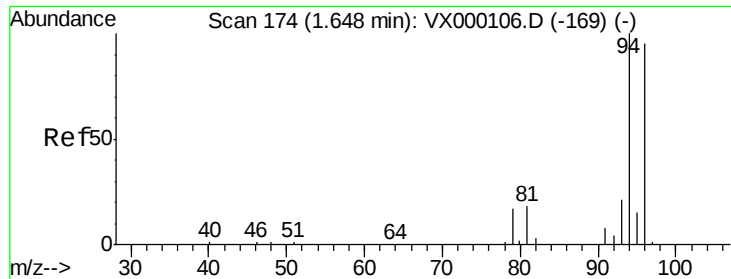
64 30.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





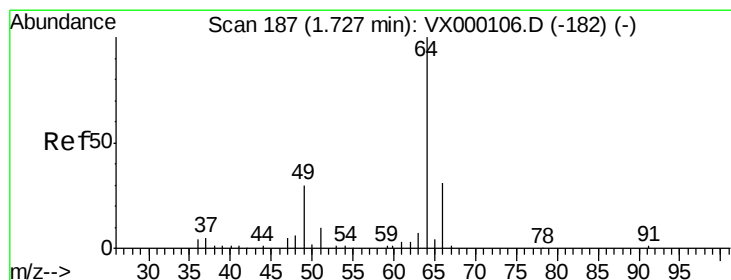
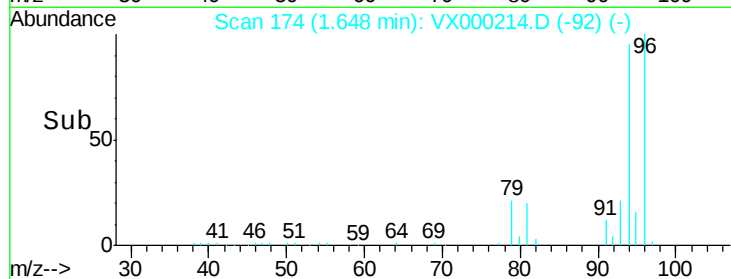
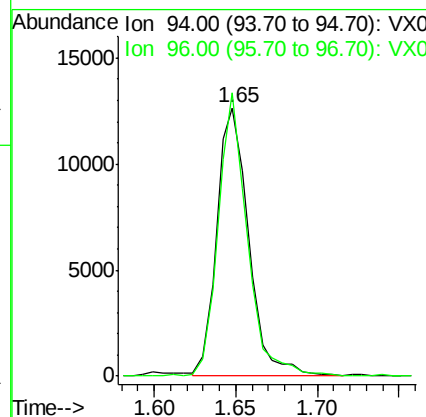
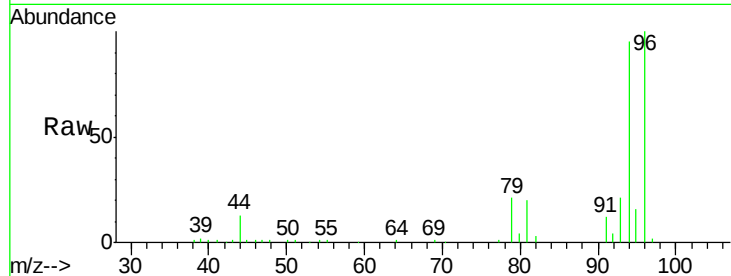
#5
Bromomethane
Concen: 9.86 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 94 Resp: 17320
Ion Ratio Lower Upper
94 100
96 105.4 76.2 114.2

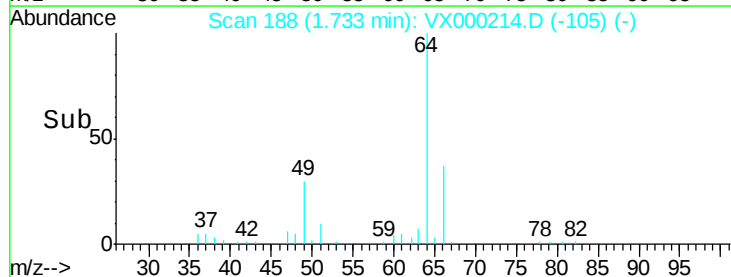
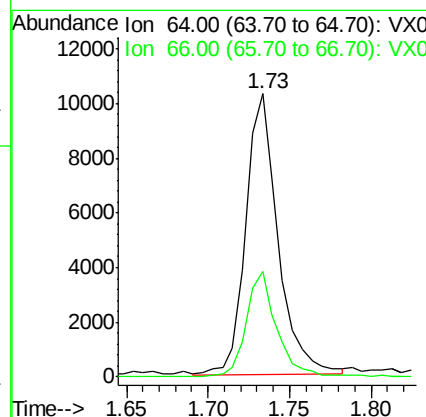
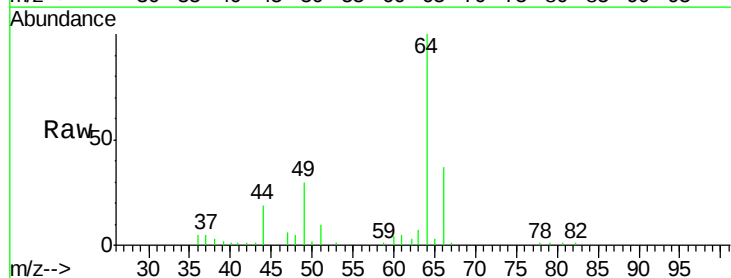
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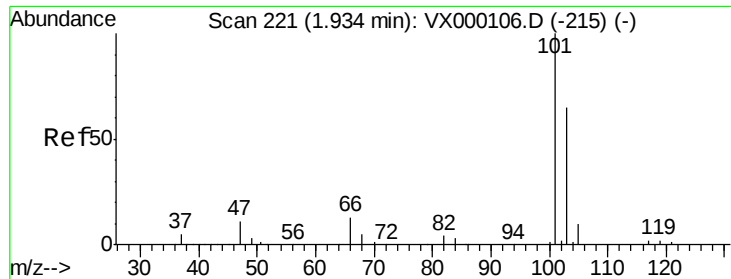
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#6
Chloroethane
Concen: 11.57 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion: 64 Resp: 14115
Ion Ratio Lower Upper
64 100
66 37.6 25.2 37.8





#7

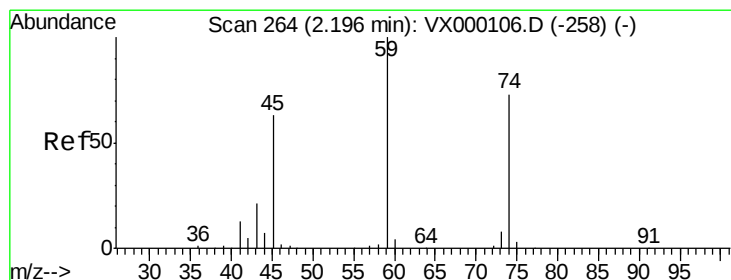
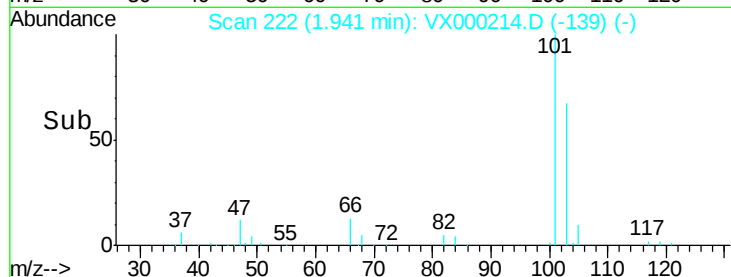
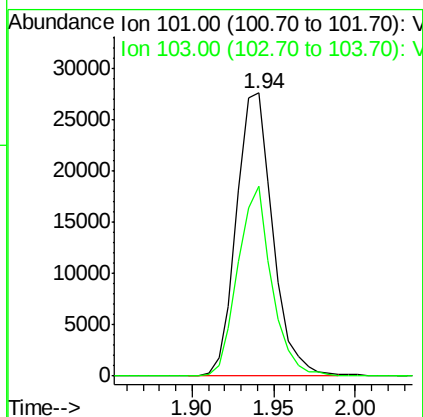
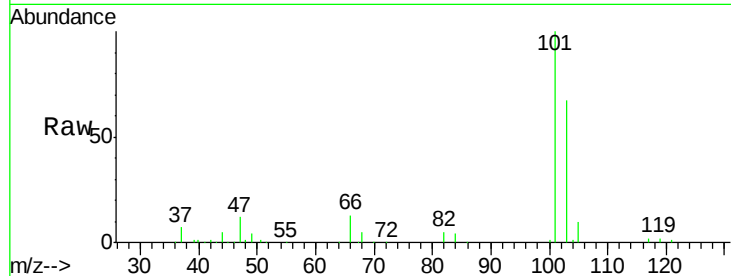
Trichlorofluoromethane
 Concen: 12.94 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 42740
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.2 78.4

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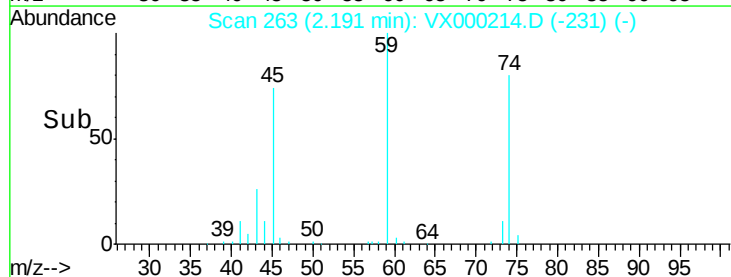
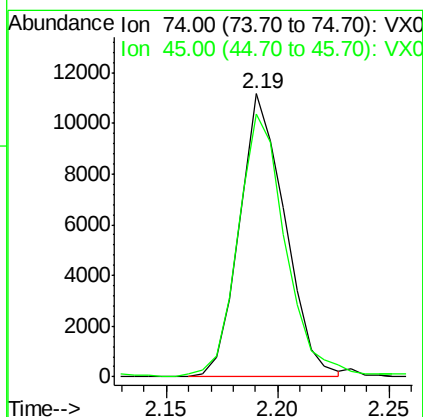
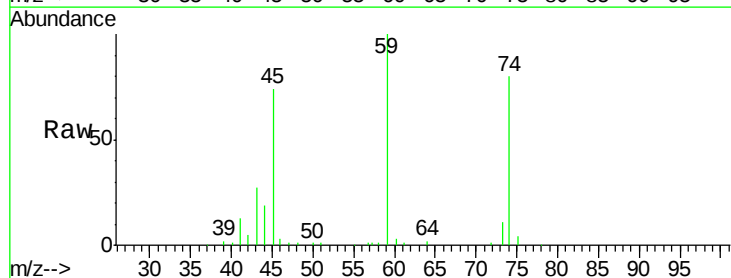
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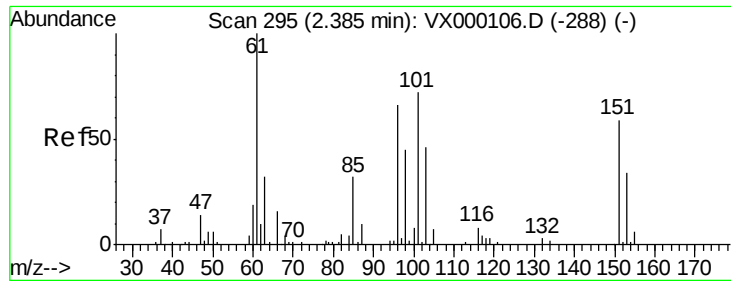


#8

Diethyl Ether
 Concen: 13.80 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion: 74 Resp: 15909
 Ion Ratio Lower Upper
 74 100
 45 97.7 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.01 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

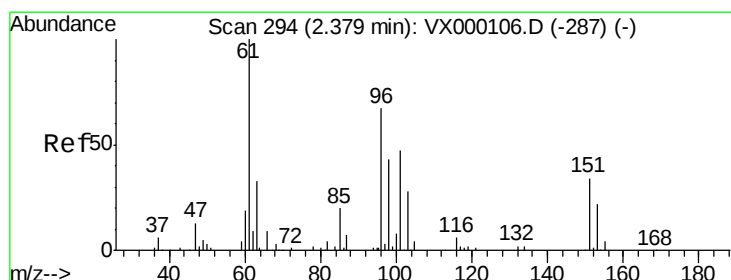
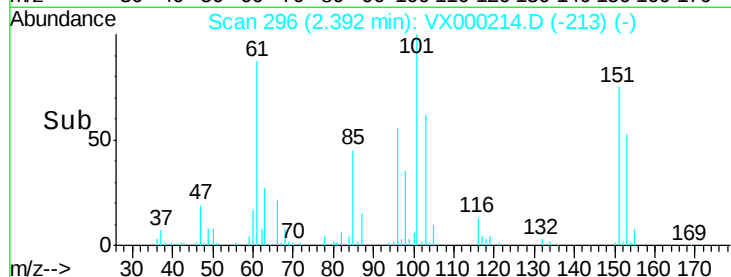
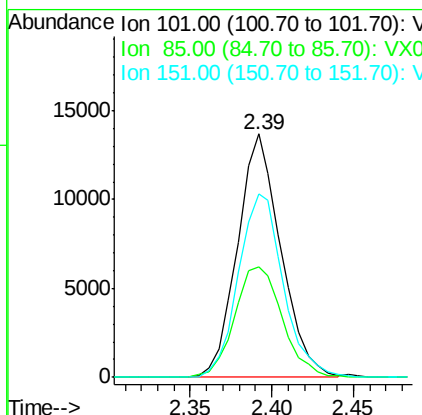
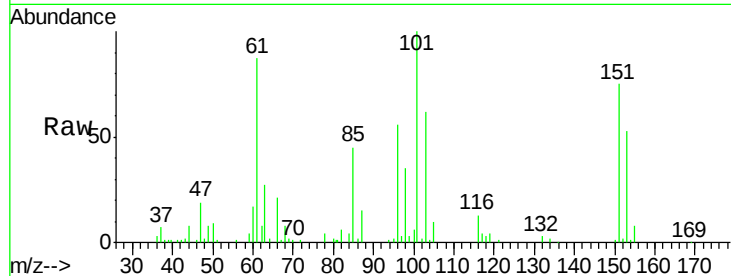
Instrument :
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ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	25248		
85	50.0	0.0	90.4	
151	78.2	0.0	167.6	

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#10

1,1-Dichloroethene

Concen: 11.15 ug/l

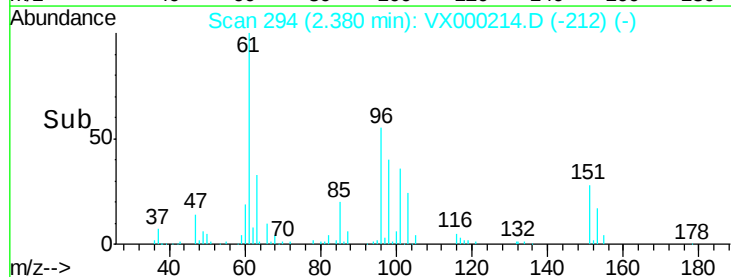
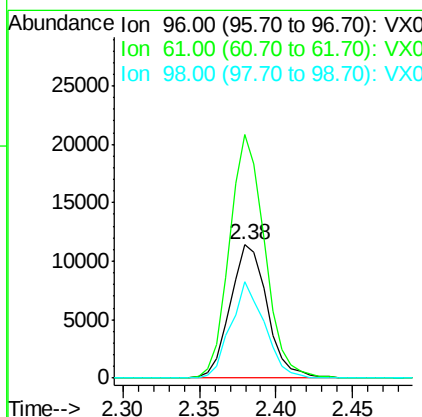
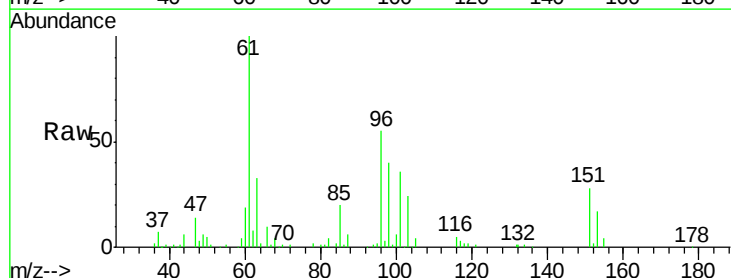
RT: 2.38 min Scan# 294

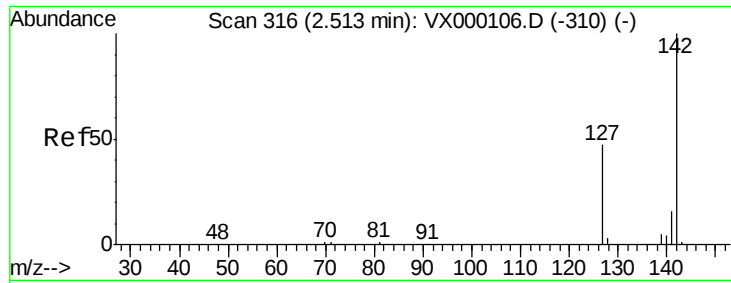
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	19195		
61	182.4	118.6	178.0	#
98	72.6	51.0	76.6	





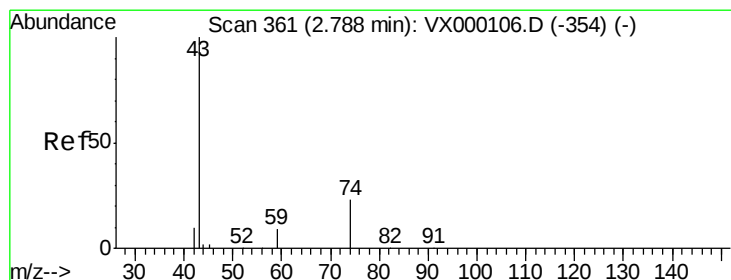
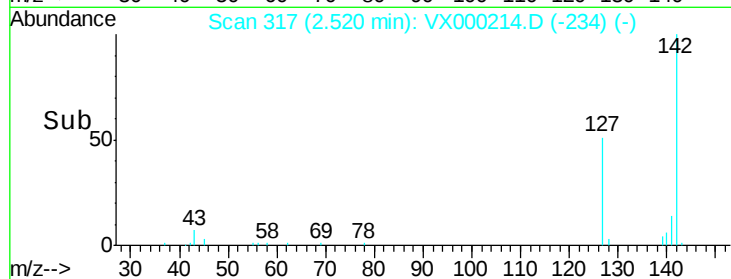
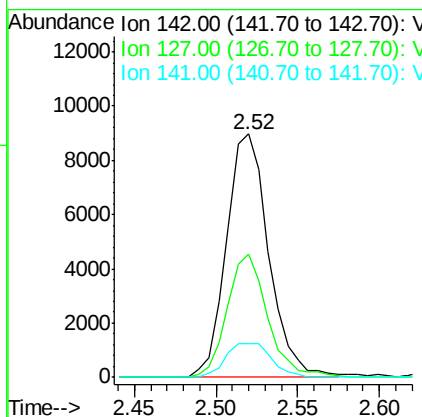
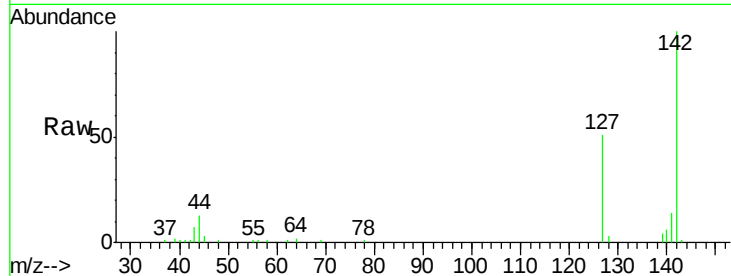
#11
Methyl Iodide
Concen: 9.68 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.8	23.8	71.5
141	13.7	8.2	24.4

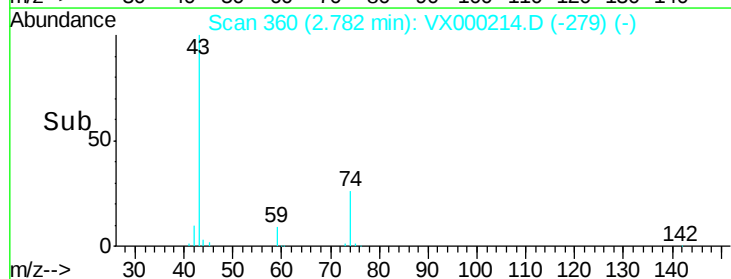
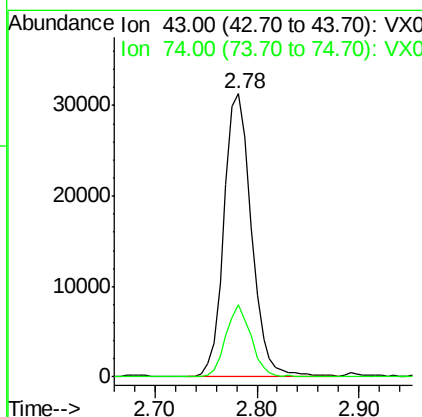
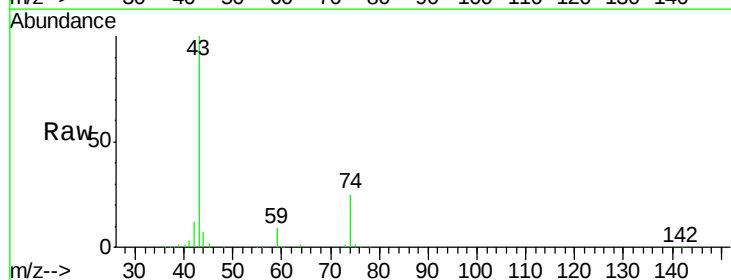
Manual Integrations
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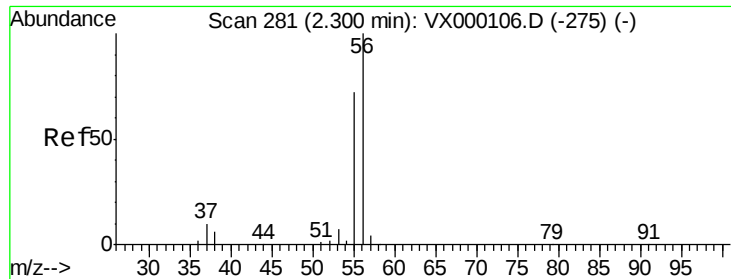
apatel
3/9/2018 9:38:07 AM



#12
Methyl Acetate
Concen: 18.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	18.6	27.8





#13

Acrolein

Concen: 111.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 41354

Ion Ratio Lower Upper

56 100

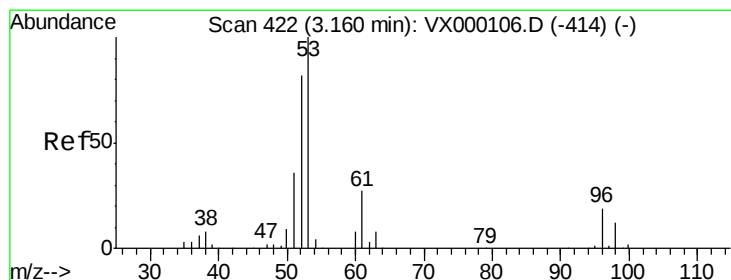
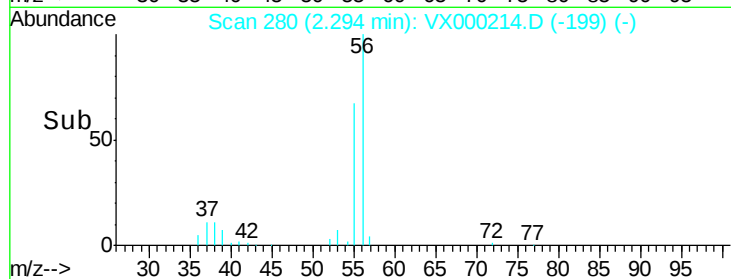
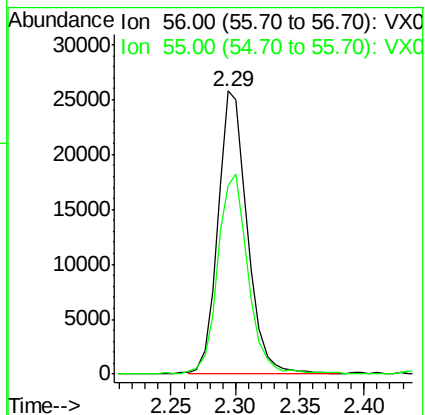
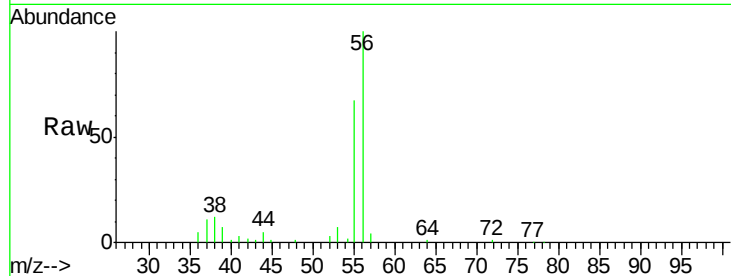
55 71.0 57.3 85.9

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#14

Acrylonitrile

Concen: 84.37 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

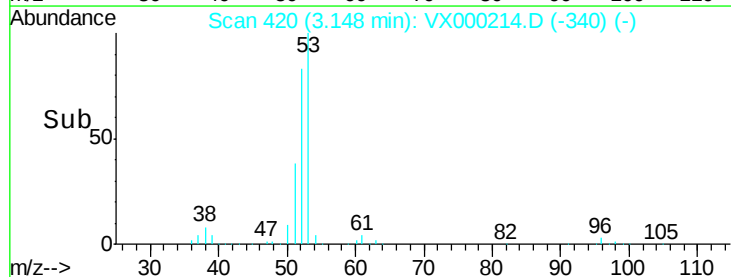
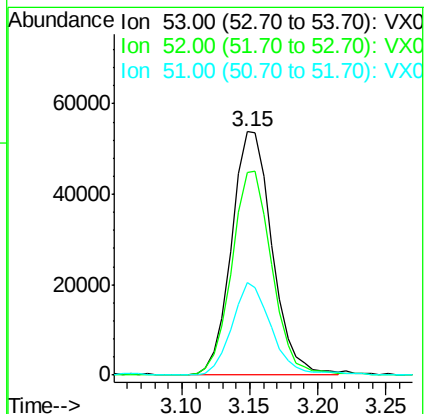
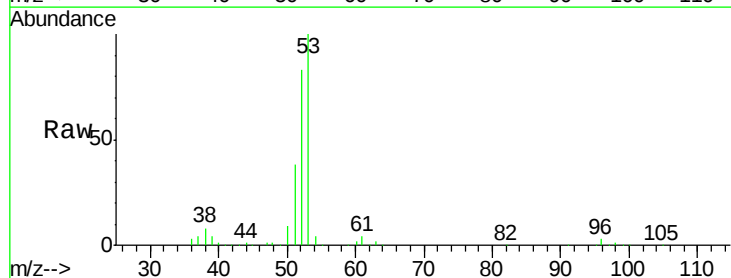
Tgt Ion: 53 Resp: 112421

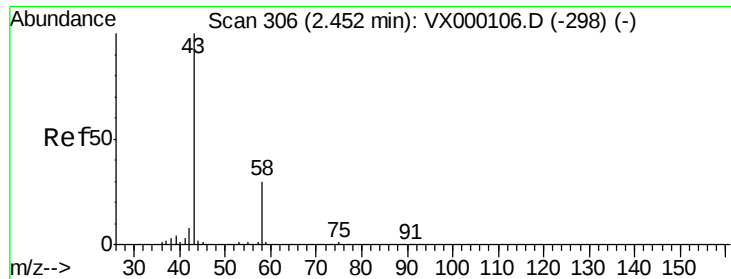
Ion Ratio Lower Upper

53 100

52 81.9 41.9 125.8

51 35.9 18.8 56.3





#15

Acetone

Concen: 108.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 47050

Ion Ratio Lower Upper

58 100

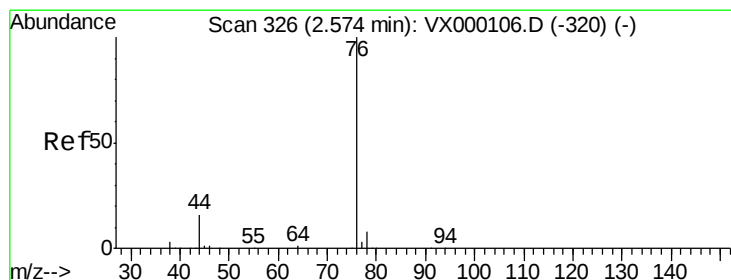
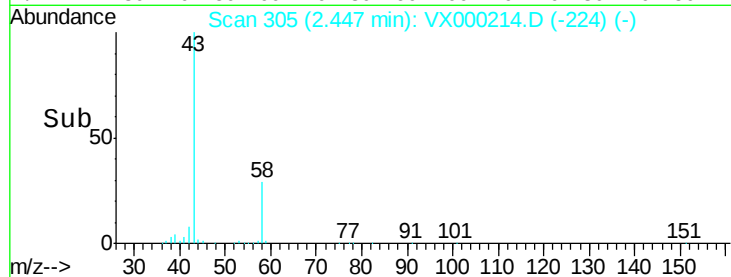
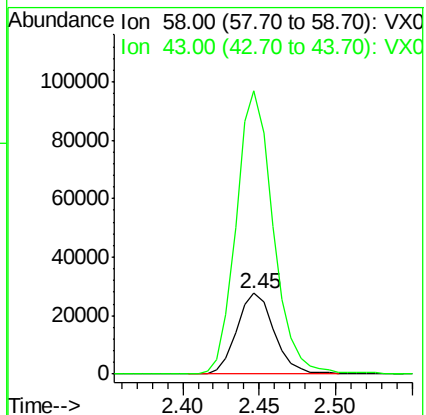
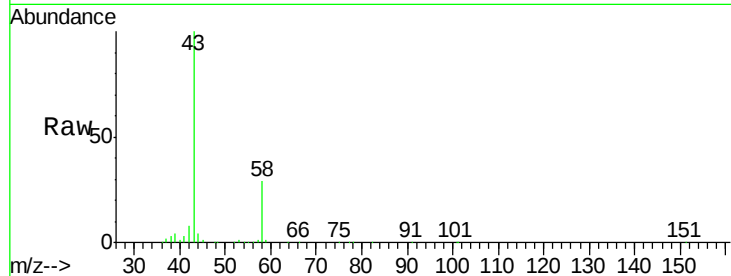
43 348.1 264.6 396.8

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#16

Carbon Disulfide

Concen: 5.71 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000214.D

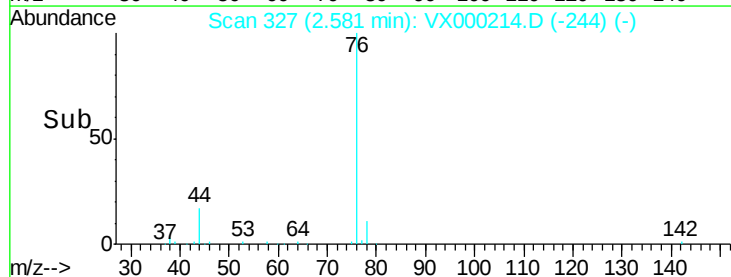
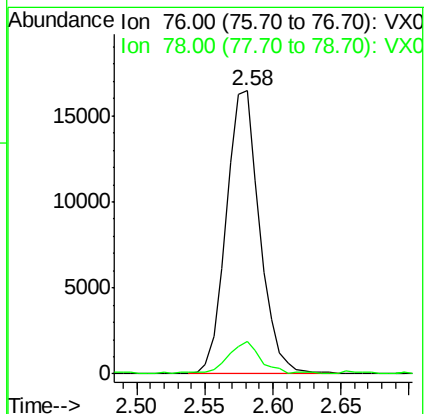
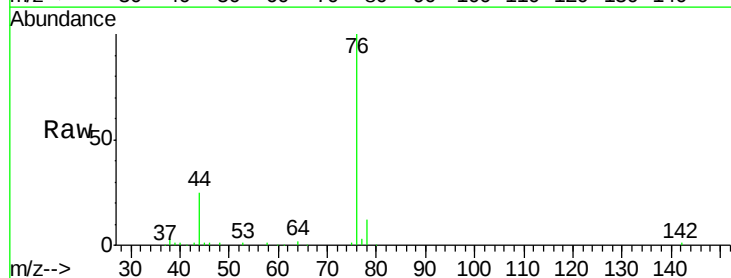
Acq: 08 Mar 2018 09:45

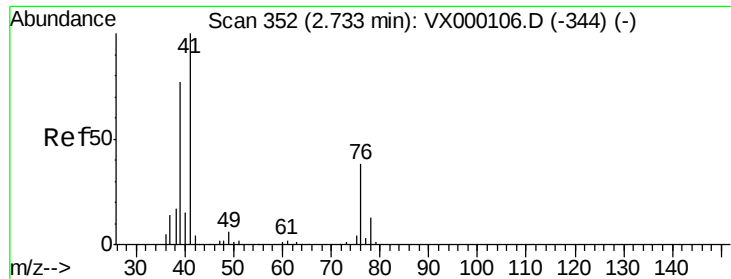
Tgt Ion: 76 Resp: 28089

Ion Ratio Lower Upper

76 100

78 11.6 6.8 10.2#





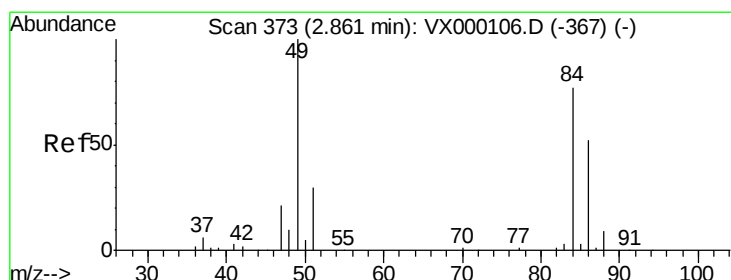
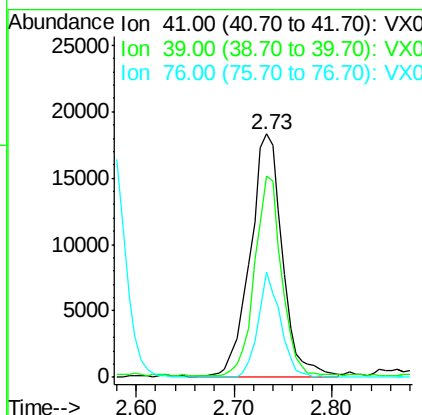
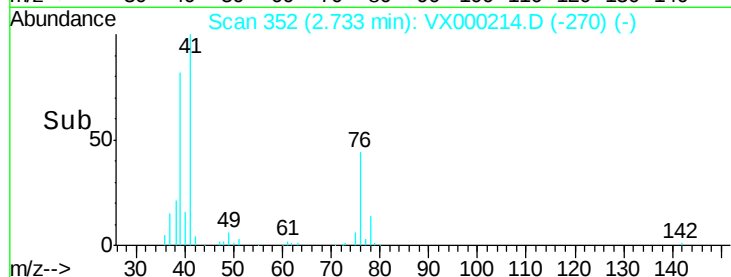
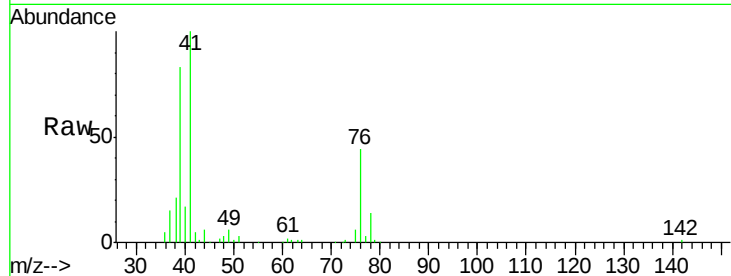
#17
Allvl chloride
Concen: 14.19 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	82.1	38.5	115.5
76	43.7	18.7	56.1

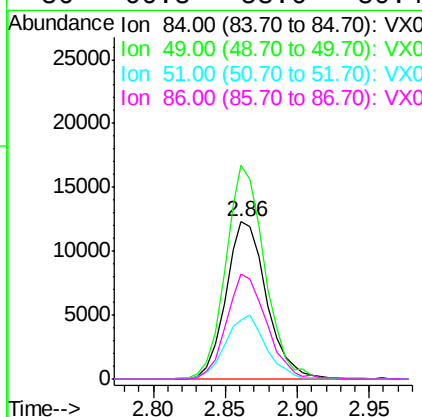
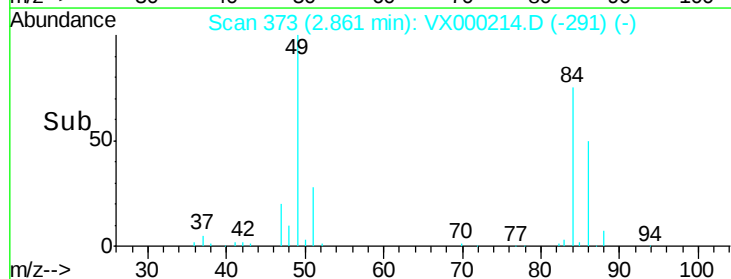
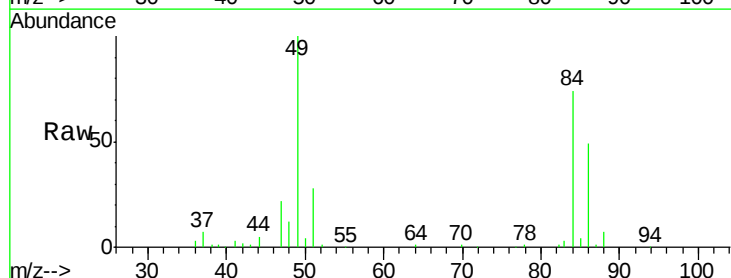
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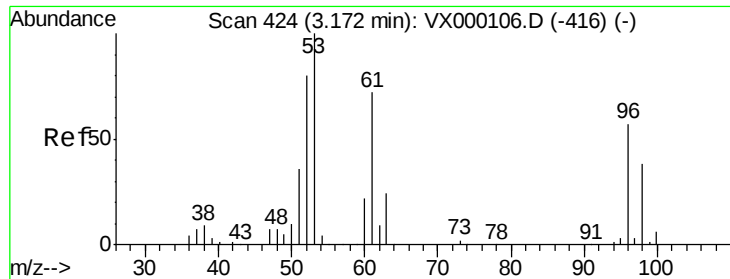
apatel
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#18
Methylene Chloride
Concen: 12.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.8	103.3	154.9
51	37.4	31.2	46.8
86	66.8	53.6	80.4





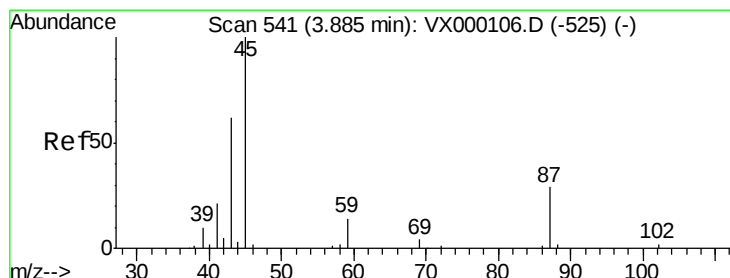
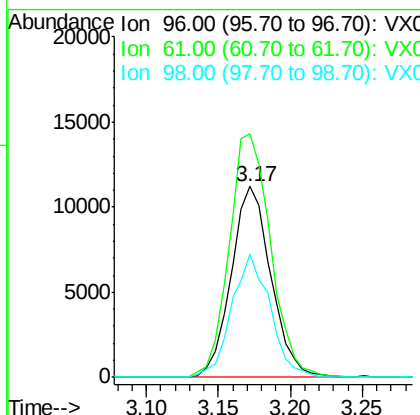
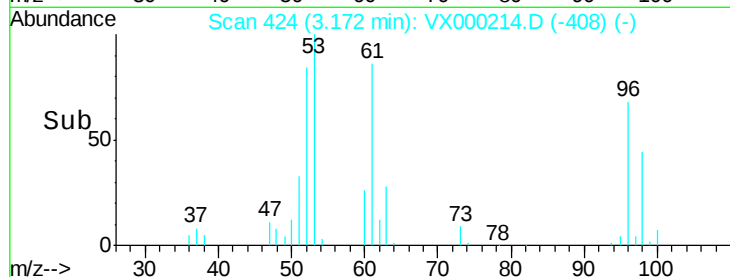
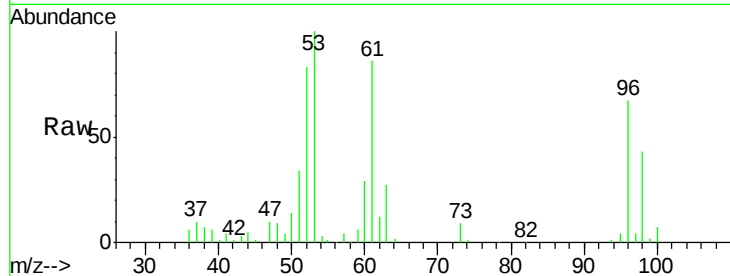
#19
trans-1,2-Dichloroethene
Concen: 11.53 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	101.0	151.6
98	64.5	53.3	79.9

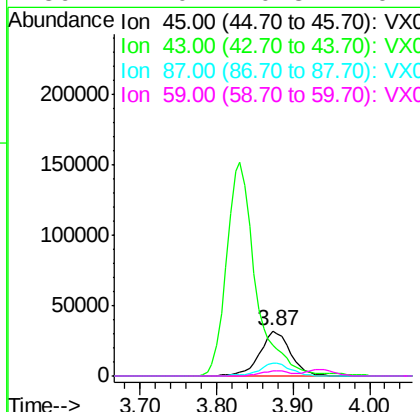
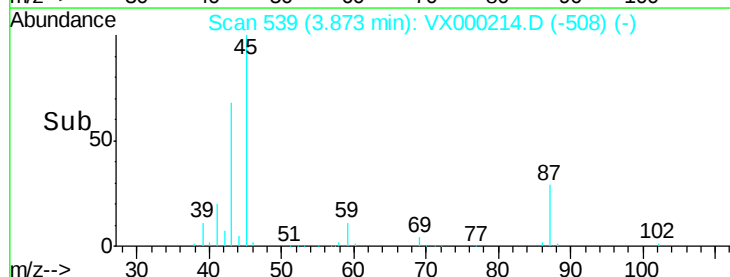
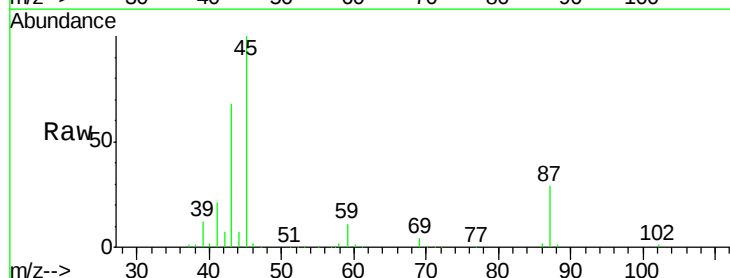
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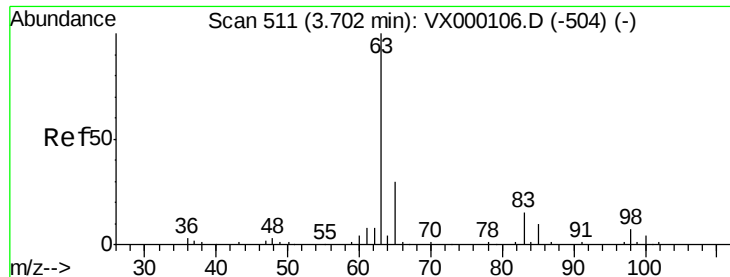
apatel
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#20
Diisopropyl ether
Concen: 19.17 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.9	49.6	74.4
87	29.1	23.1	34.7
59	11.0	10.8	16.2





#21

1,1-Dichloroethane

Concen: 15.52 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

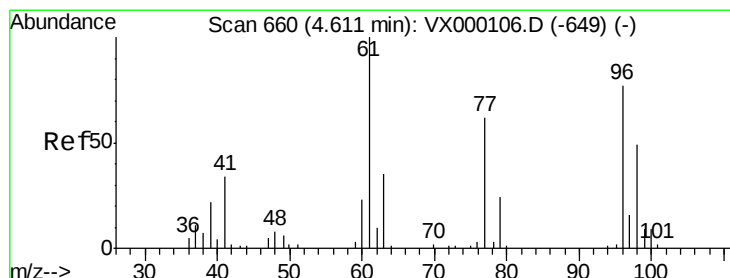
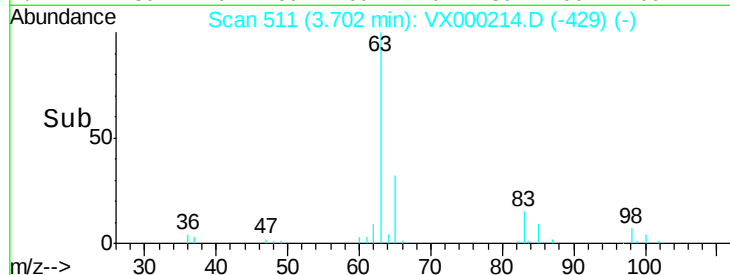
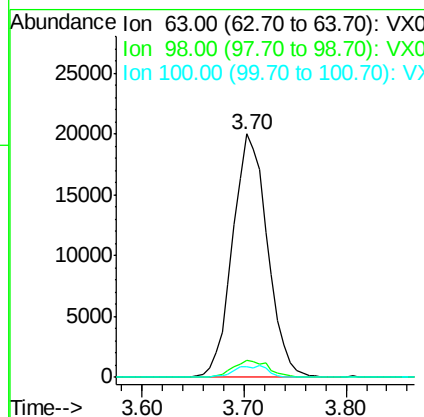
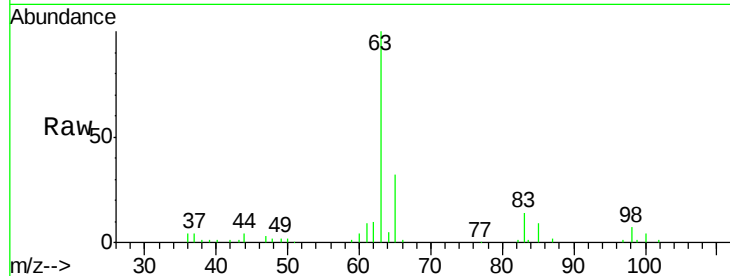
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	47401
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.9
100	4.2	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 14.11 ug/l

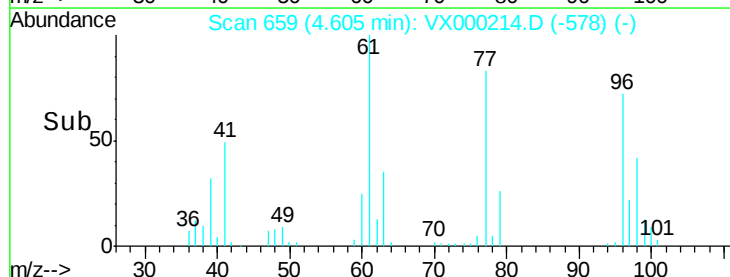
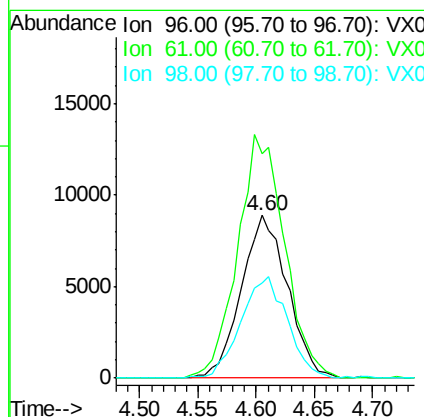
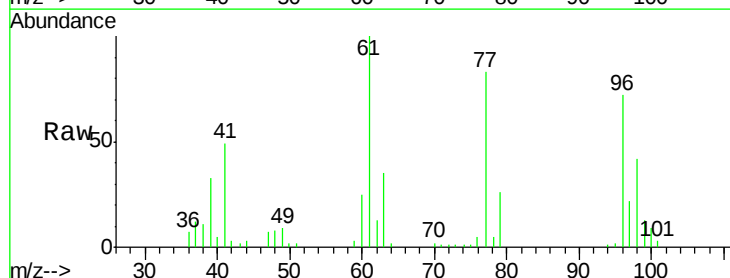
RT: 4.60 min Scan# 659

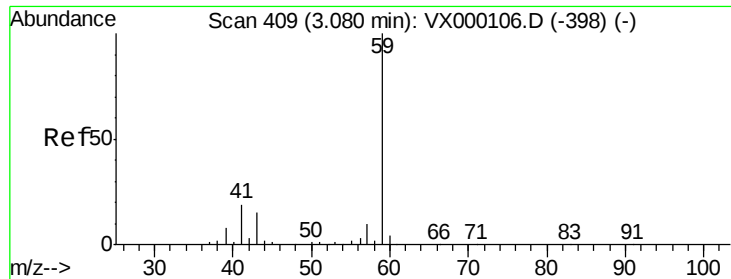
Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	96	Resp:	24543
Ion	Ratio	Lower	Upper
96	100		
61	152.1	113.5	170.3
98	63.1	51.8	77.8





#23

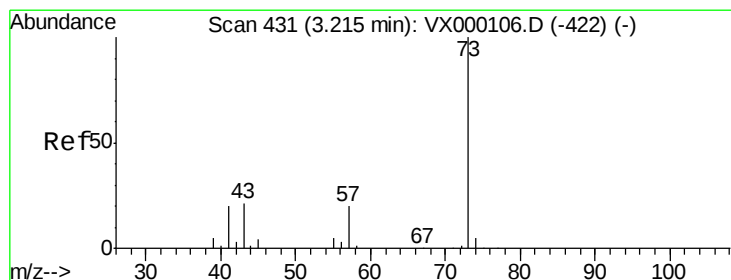
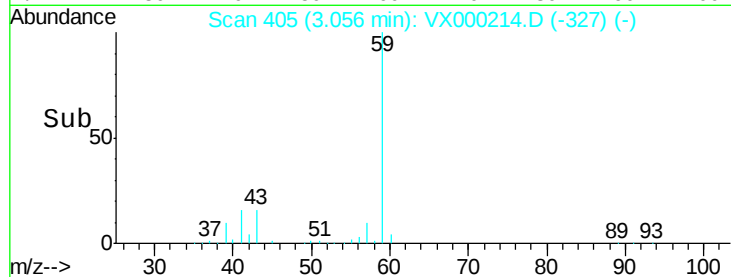
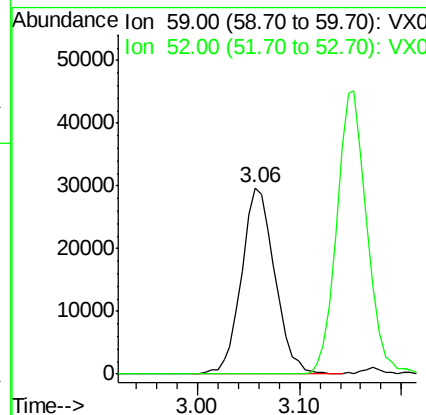
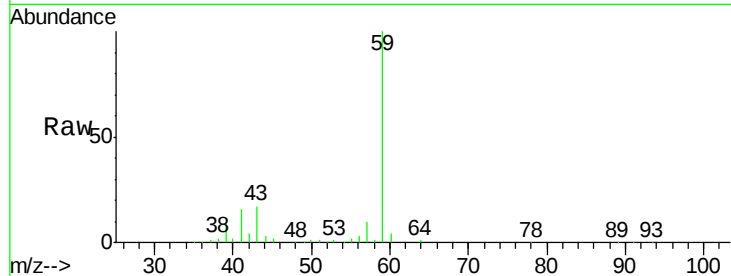
tert-Butyl Alcohol
 Concen: 88.22 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	59	52	Ratio	100	0.2	Resp	67191	Lower	Upper
Ion	59	52	Ratio	100	0.2	Resp	67191	Lower	Upper

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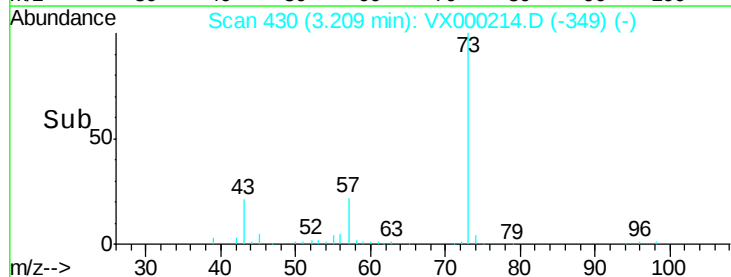
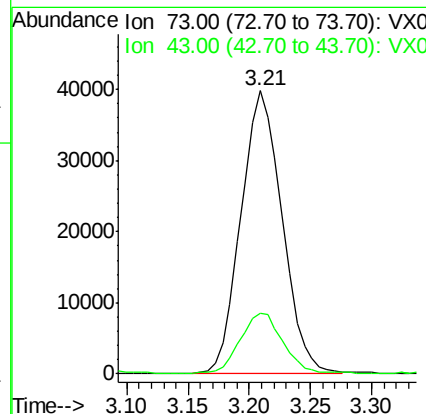
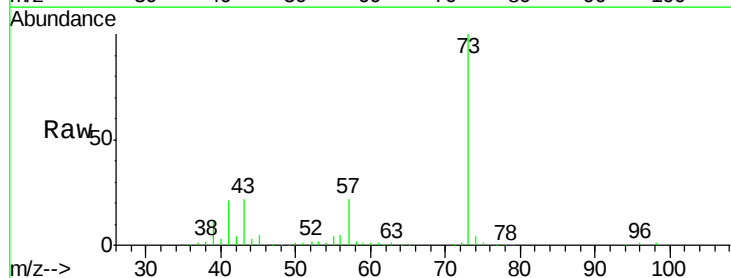
apatel
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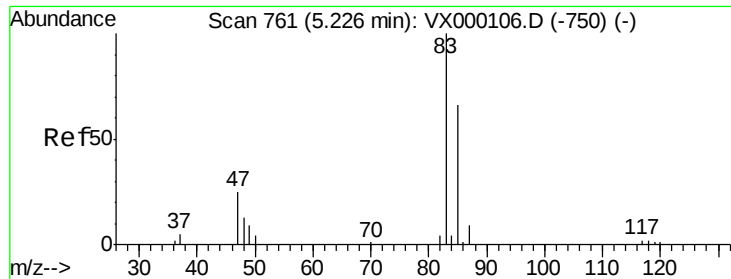


#24

Methyl tert-Butyl Ether
 Concen: 15.76 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion	73	43	Ratio	100	21.4	Resp	93429	Lower	Upper
Ion	73	43	Ratio	100	21.4	Resp	93429	Lower	Upper





#25

Chloroform

Concen: 16.03 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 48529

Ion Ratio Lower Upper

83 100

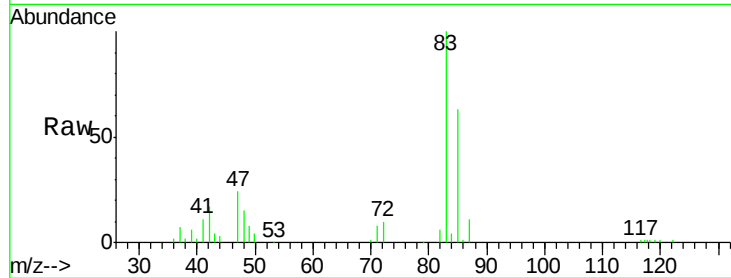
85 63.2 52.5 78.7

Manual Integrations

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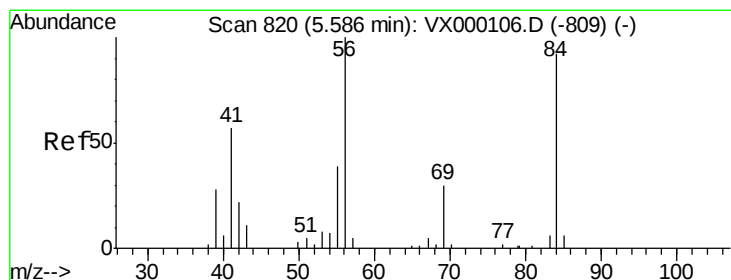
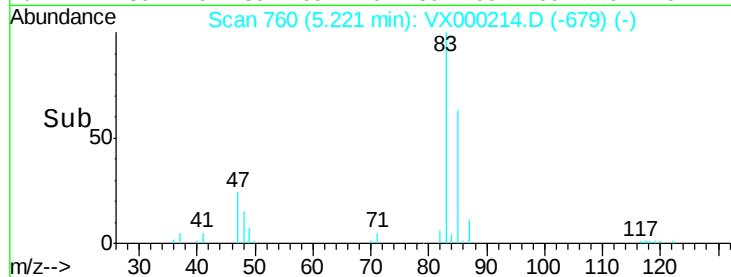
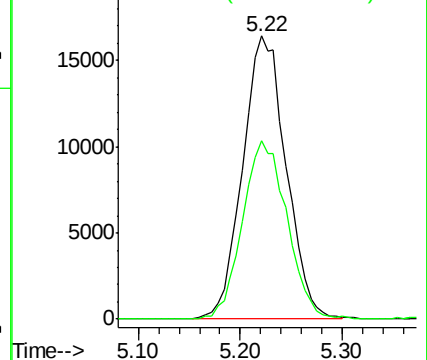
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 11.58 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

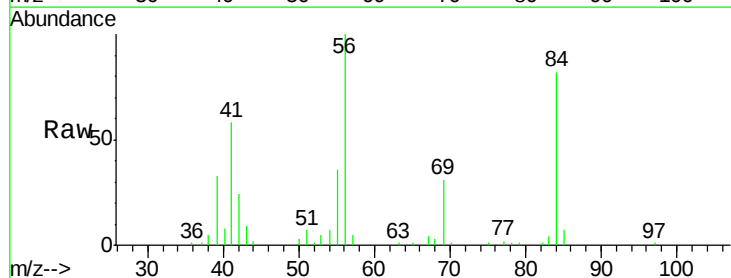
Tgt Ion: 56 Resp: 27730

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

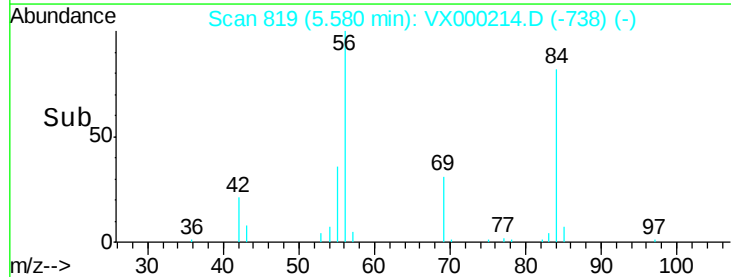
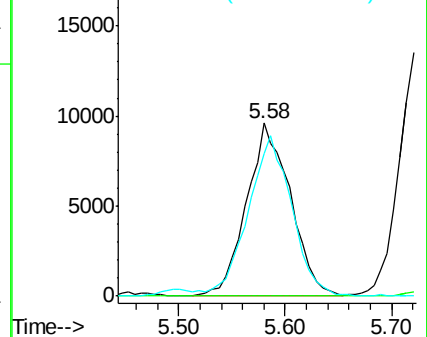
84 91.6 74.8 112.2

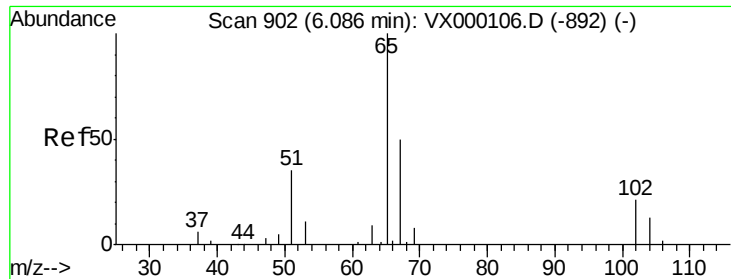


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.42 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tot Ion: 65 Resp: 60626

Ion Ratio Lower Upper

65 100

67 52.2 41.4 62.2

Instrument :

MSVOA_X

ClientSampled :

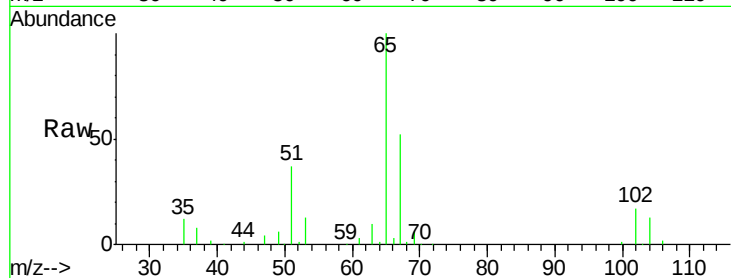
VSTDCCC020

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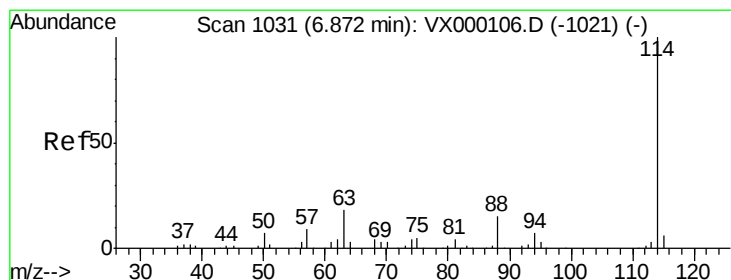
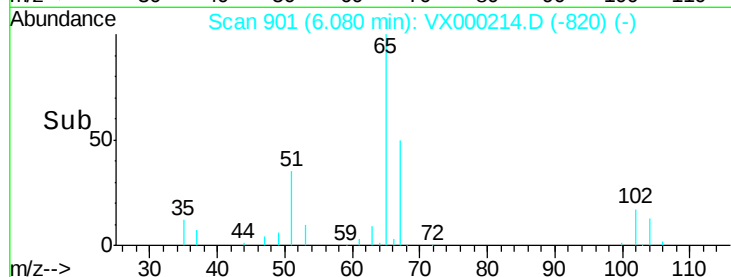
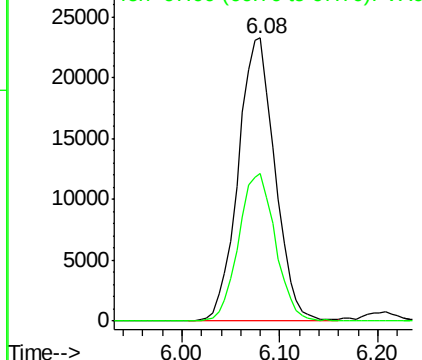
apatel

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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# 1030

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

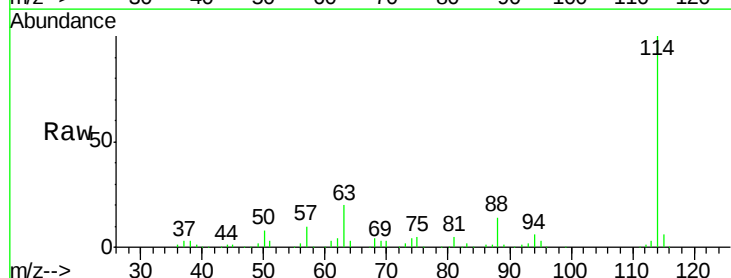
Tgt Ion: 114 Resp: 150982

Ion Ratio Lower Upper

114 100

63 20.2 15.0 22.4

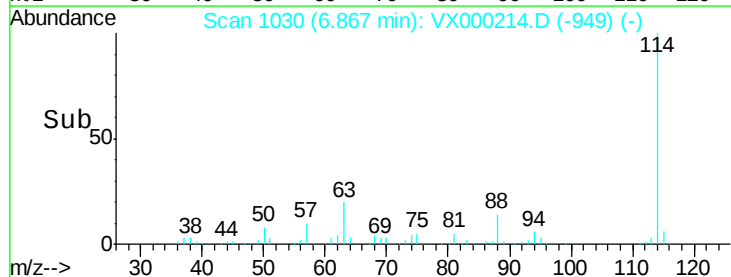
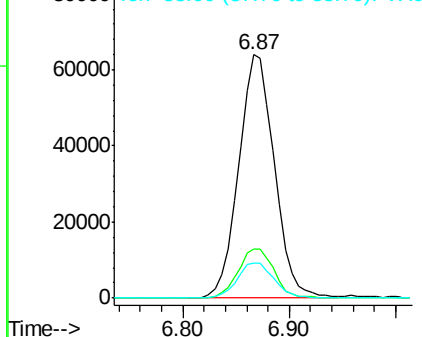
88 15.1 11.8 17.8

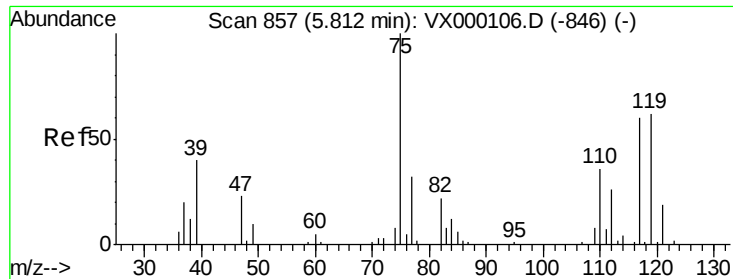


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





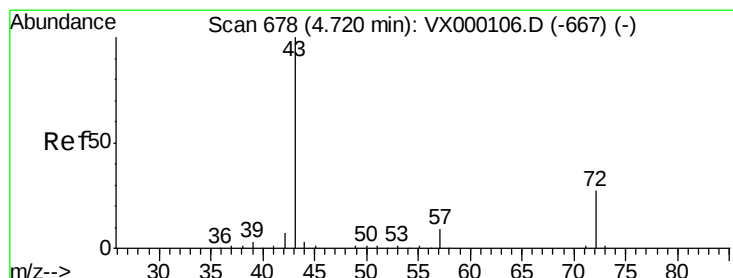
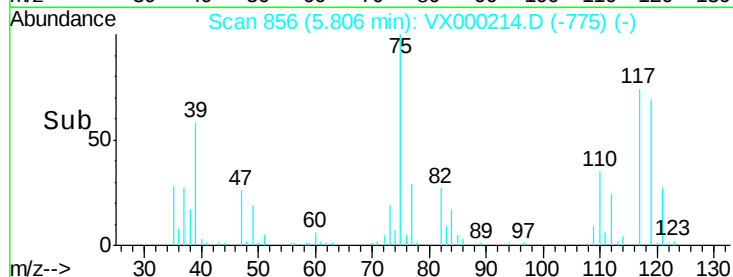
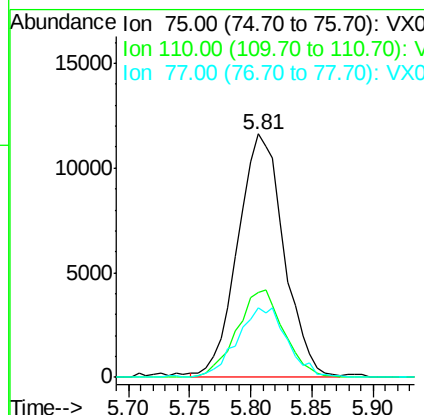
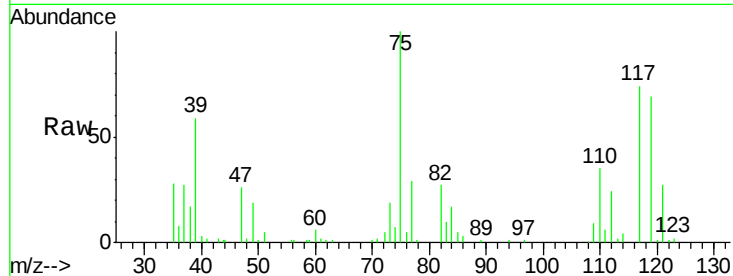
#29
 1,1-Dichloropropene
 Concen: 13.89 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	75.6
77	30.5	0.0	62.6

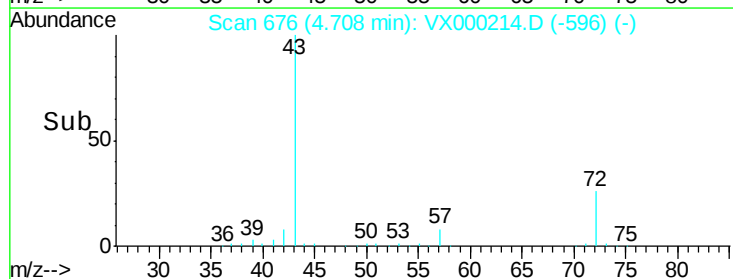
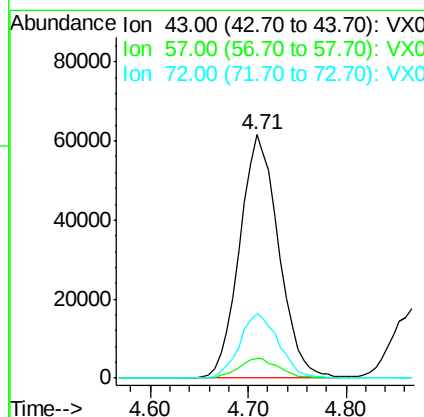
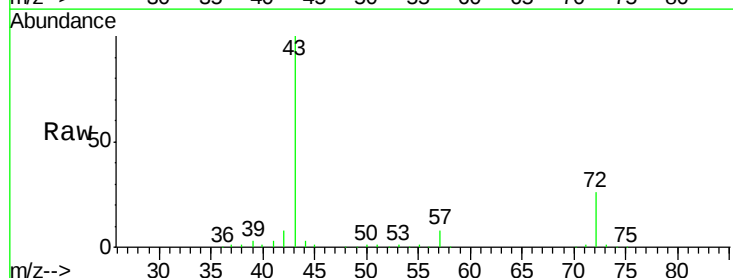
Manual Integrations
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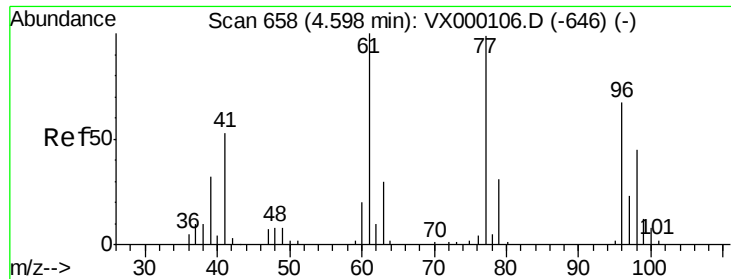
apatel
 3/9/2018 9:38:07 AM



#30
 2-Butanone
 Concen: 100.48 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	26.7	21.8	32.6





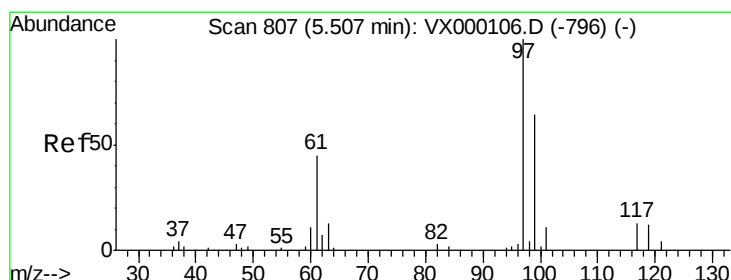
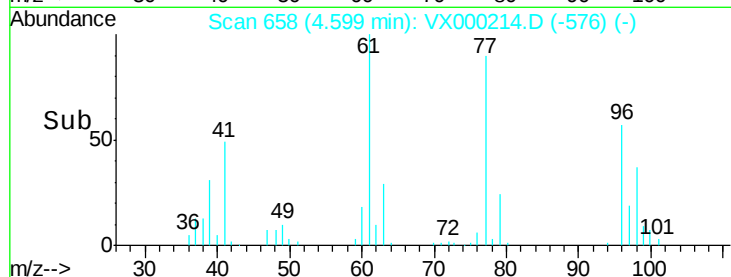
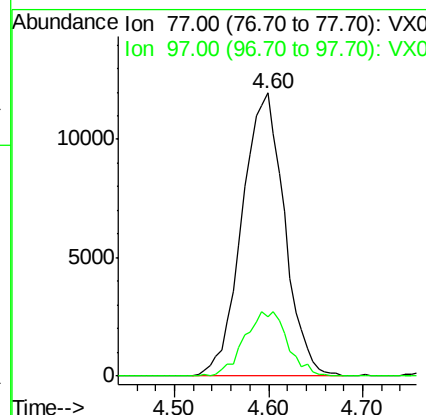
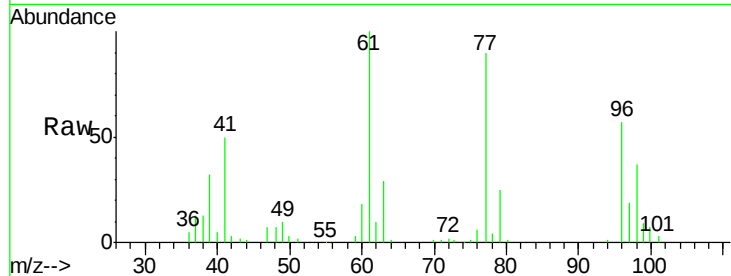
#31
 2,2-Dichloropropane
 Concen: 15.92 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion: 77 Resp: 37642
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.6 27.8

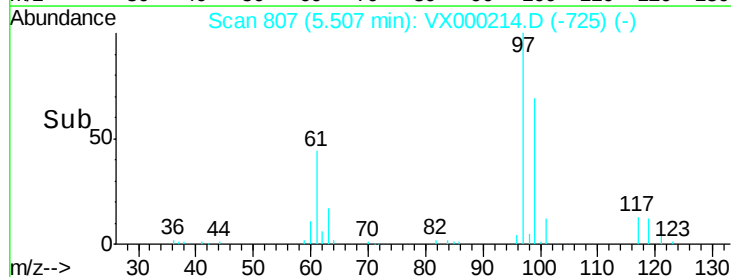
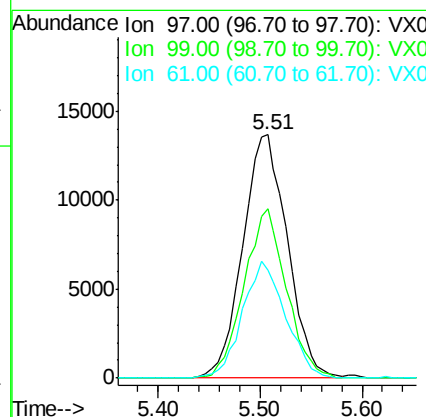
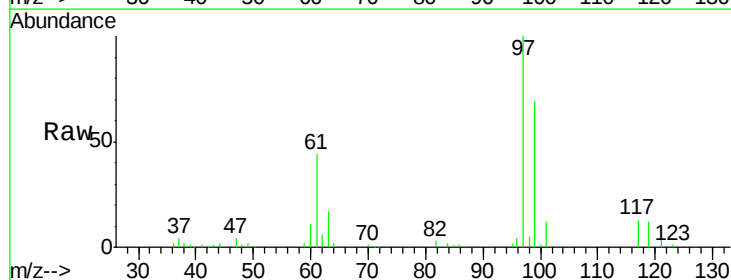
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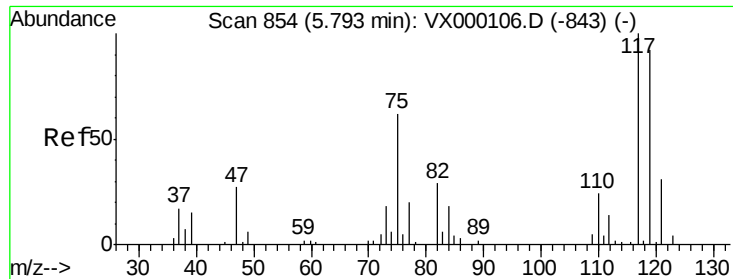
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#32
 1,1,1-Trichloroethane
 Concen: 15.64 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion: 97 Resp: 41611
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.3 78.5
 61 46.2 34.3 51.5





#33

Carbon Tetrachloride

Concen: 14.54 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

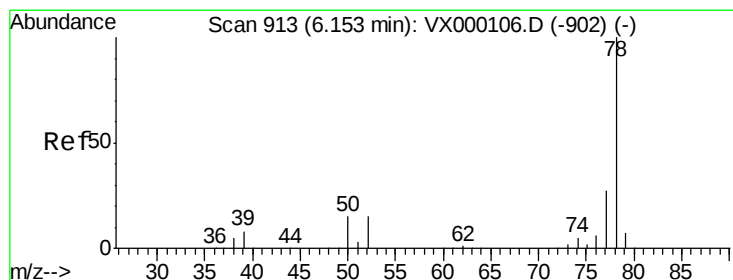
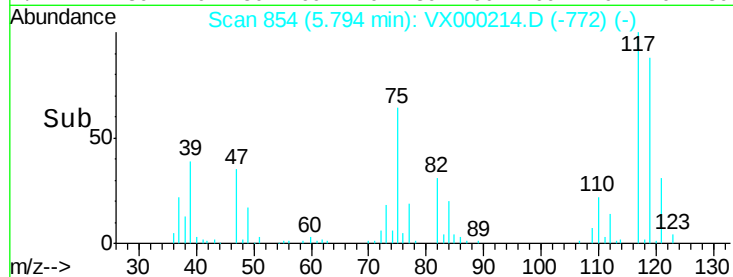
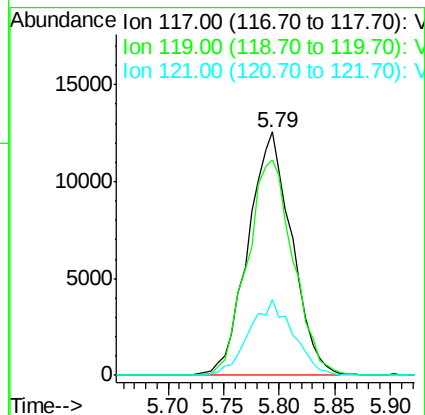
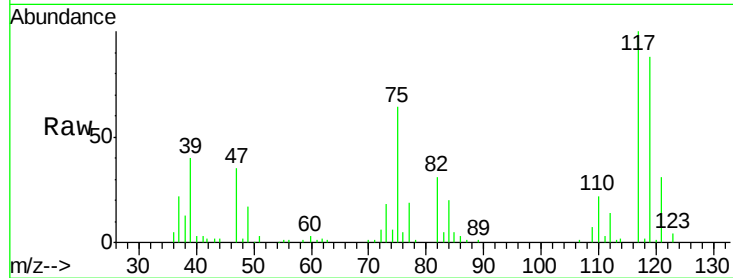
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	34344
Ion	Ratio	Lower	Upper
117	100		
119	88.5	73.5	110.3
121	31.0	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 14.68 ug/l

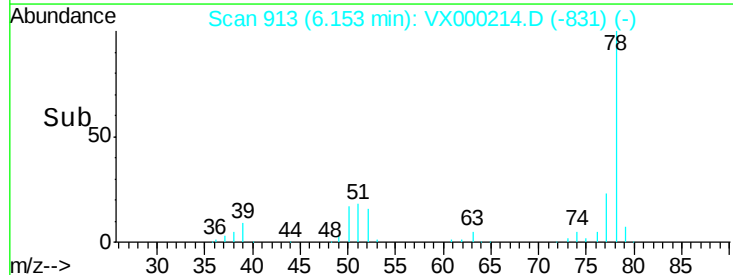
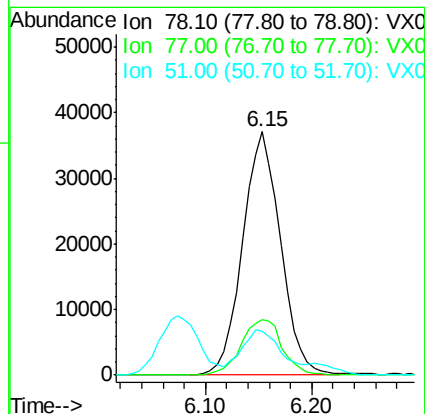
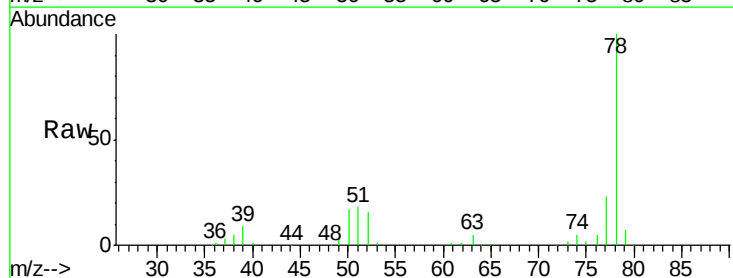
RT: 6.15 min Scan# 913

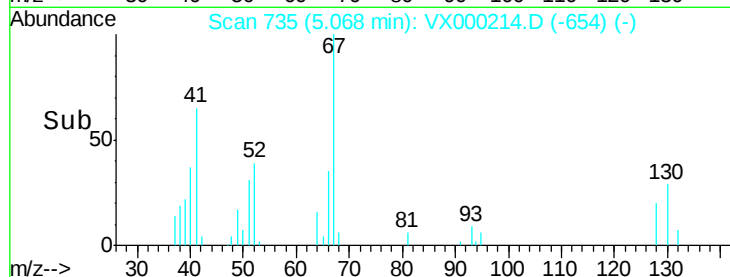
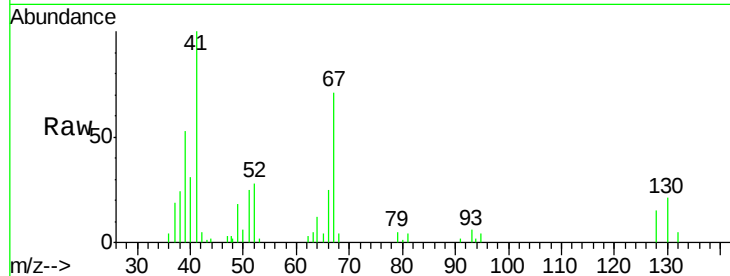
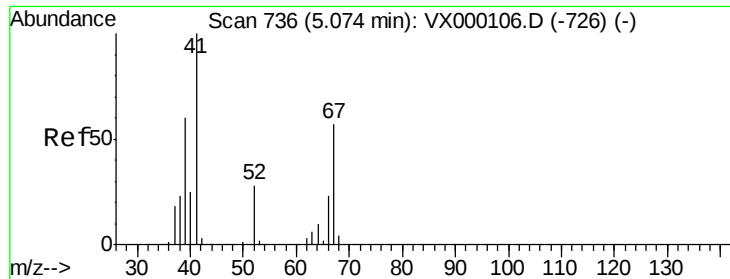
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	78	Resp:	92901
Ion	Ratio	Lower	Upper
78	100		
77	22.5	21.7	32.5
51	15.9	14.9	22.3





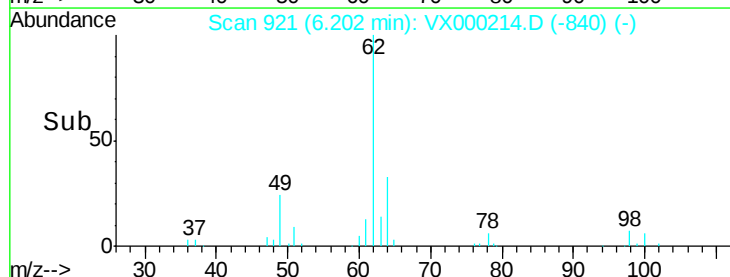
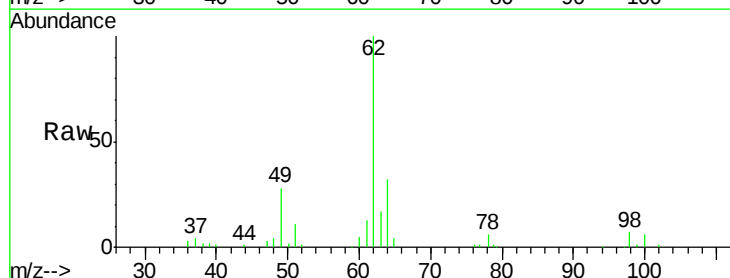
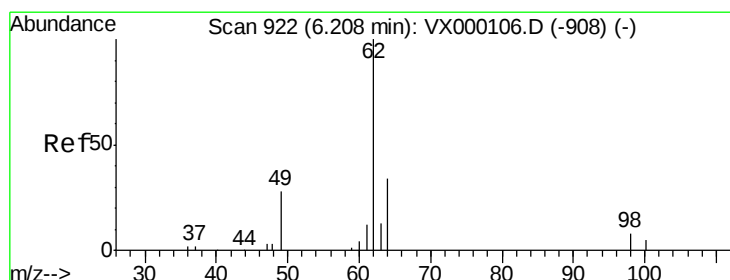
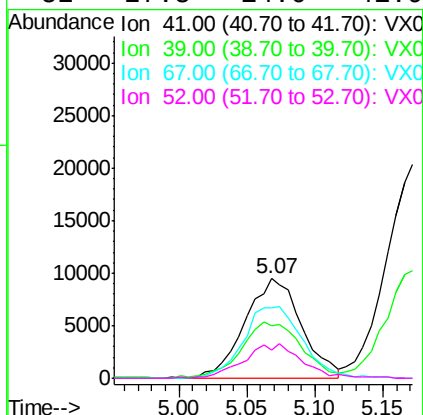
#35
Methacrylonitrile
Concen: 17.68 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.4	29.8	89.3		
67	71.3	28.7	86.3		
52	27.8	14.0	41.9		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

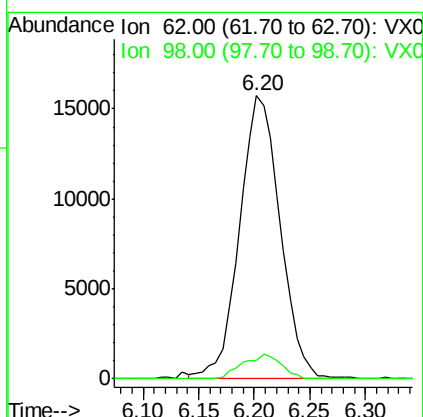
Manual Integrations
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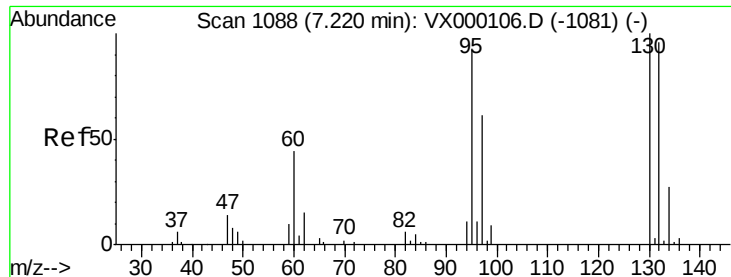
apatel
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#36
1,2-Dichloroethane
Concen: 16.64 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	5.6	6.9	10.3#		





#37

Trichloroethene

Concen: 14.43 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:130 Resp: 26981

Ion Ratio Lower Upper

130 100

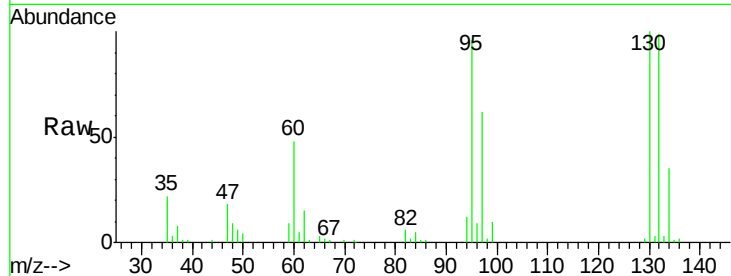
95 95.8 74.6 112.0

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

15000

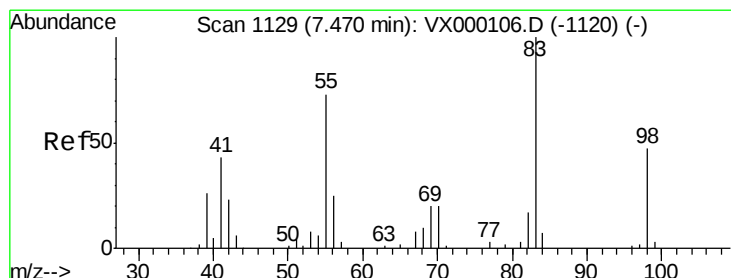
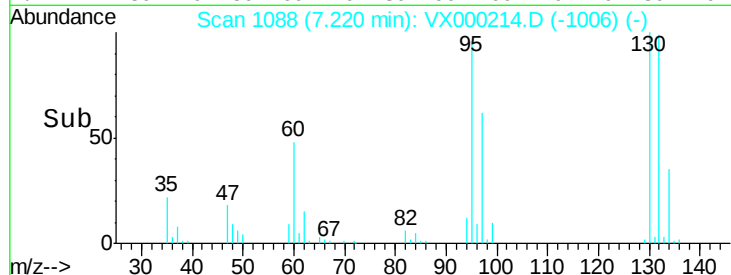
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 12.60 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

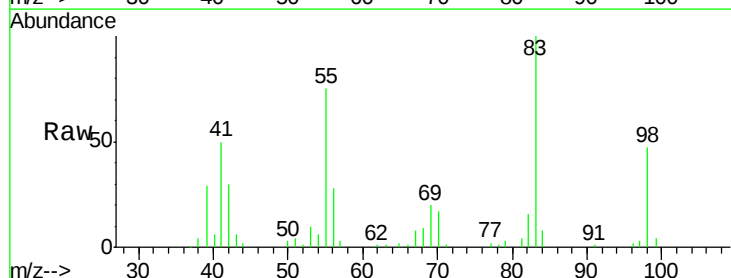
Tgt Ion: 83 Resp: 33210

Ion Ratio Lower Upper

83 100

55 74.6 35.9 107.7

98 45.7 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

15000

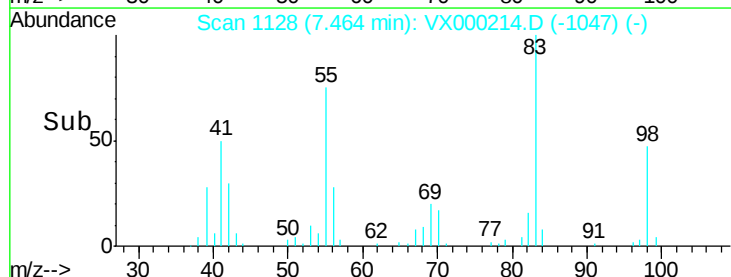
10000

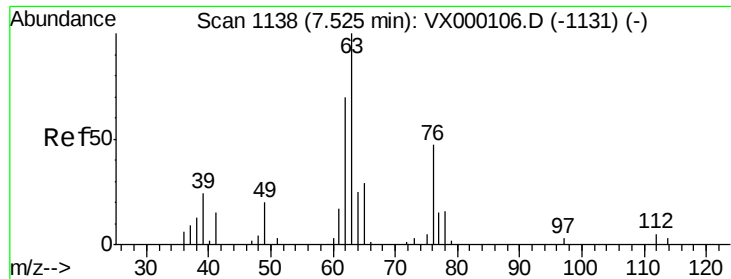
5000

0

7.40 7.45 7.50 7.55 7.60

Time-->





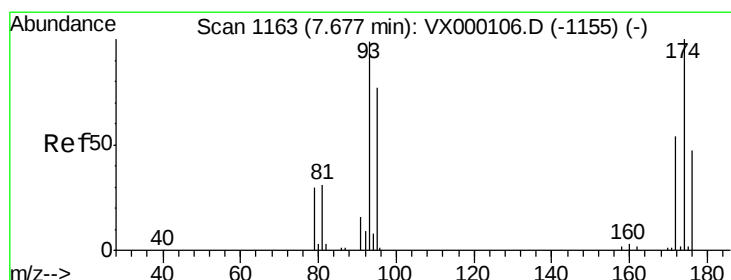
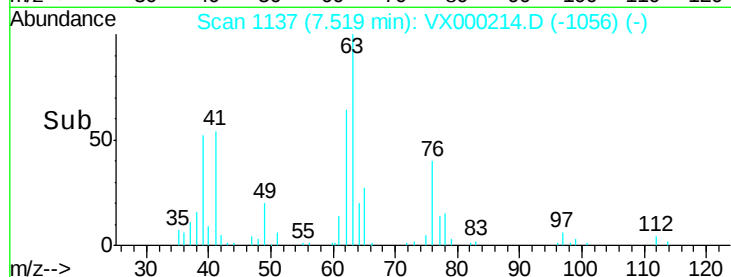
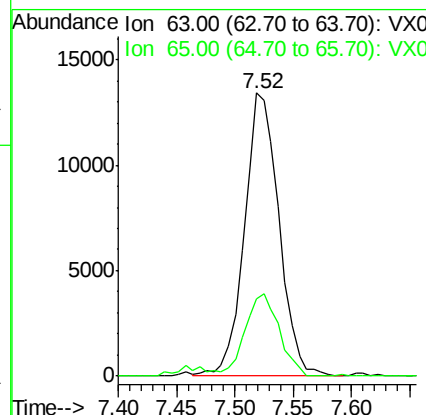
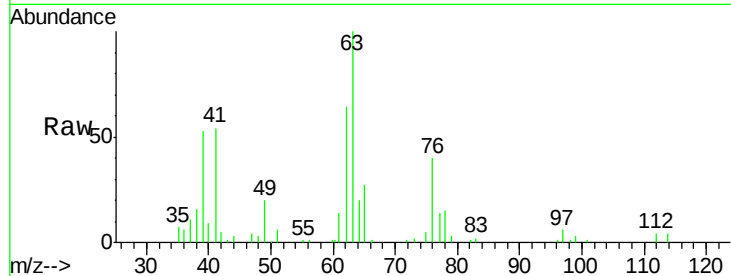
#39
 1,2-Dichloropropane
 Concen: 17.53 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 27683
 Ion Ratio Lower Upper
 63 100
 65 26.7 25.0 37.6

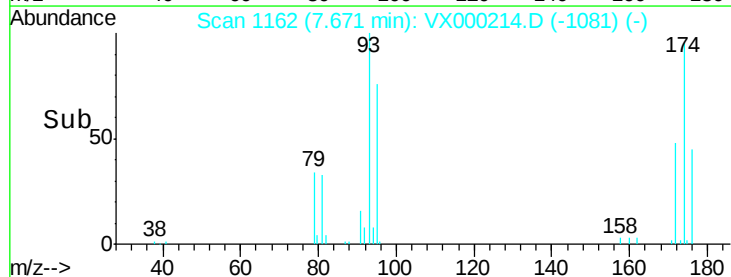
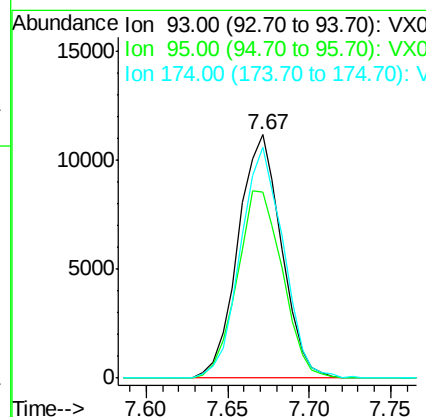
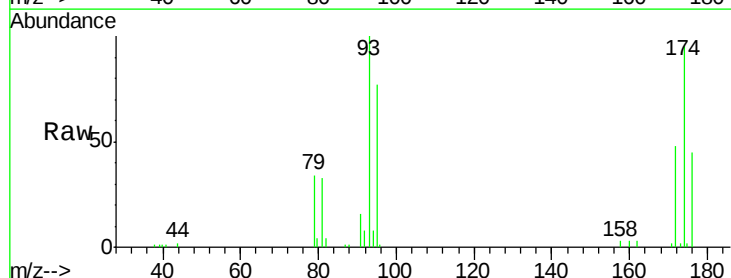
Manual Integrations
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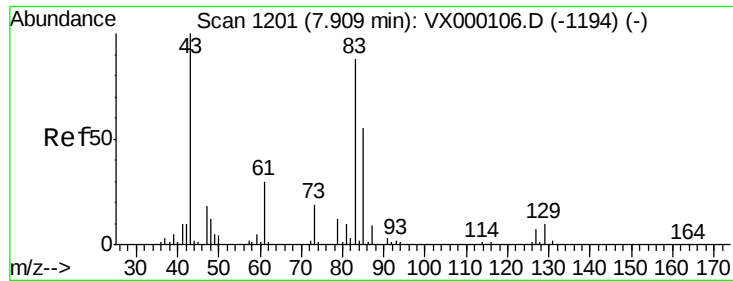
apatel
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#40
 Dibromomethane
 Concen: 17.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion: 93 Resp: 20741
 Ion Ratio Lower Upper
 93 100
 95 80.1 0.0 170.6
 174 93.6 0.0 210.4





#41

Bromodichloromethane

Concen: 16.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

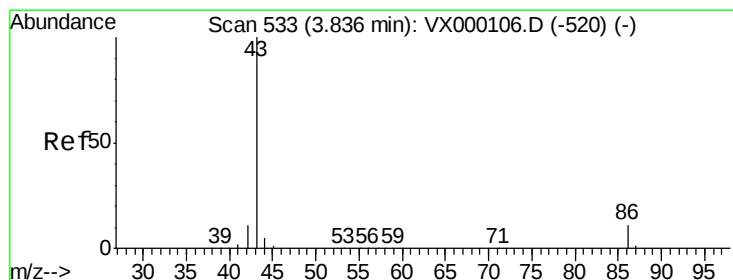
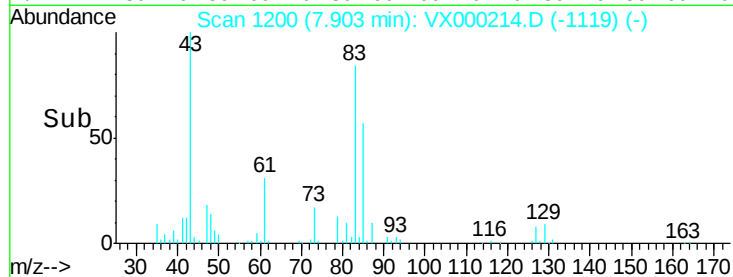
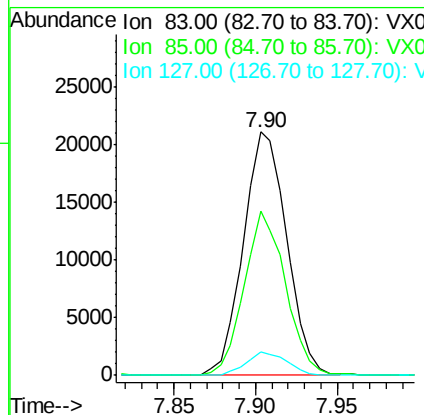
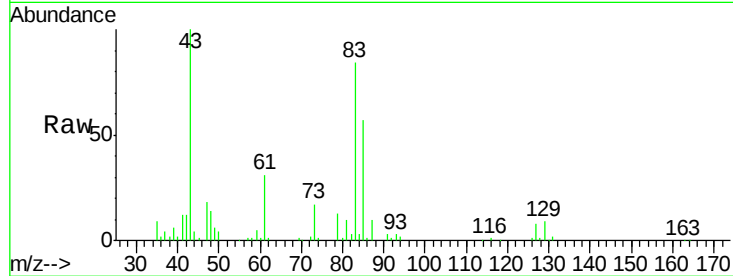
ClientSampled :

VSTDCCC020

Tot Ion:	83	Resp:	39160
Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.0	75.0
127	9.5	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 93.50 ug/l

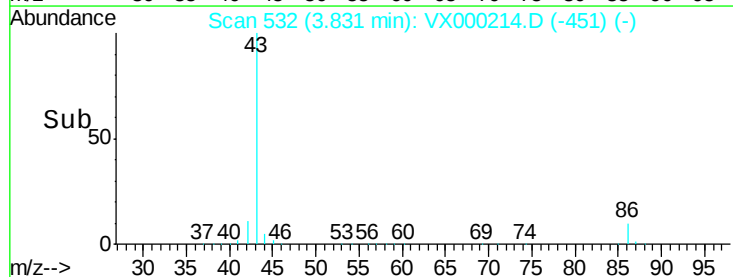
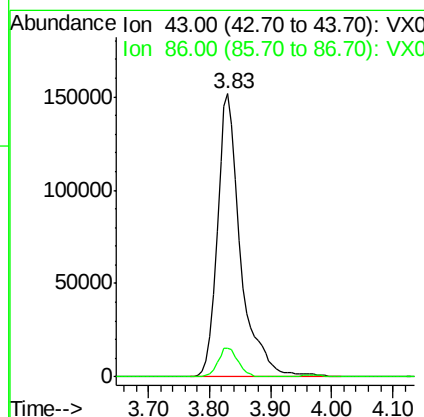
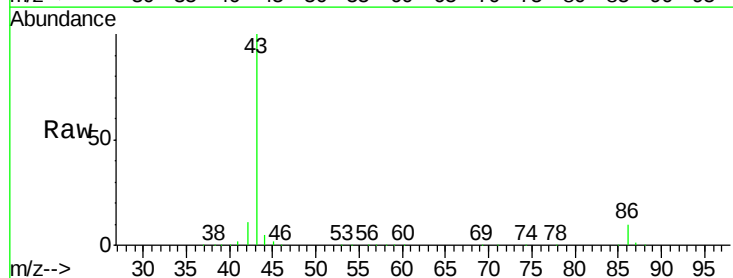
RT: 3.83 min Scan# 532

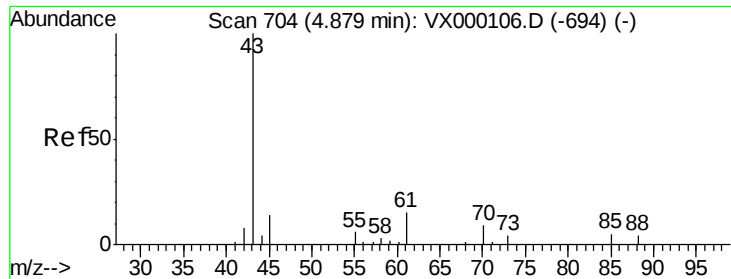
Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	43	Resp:	403351
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.8	11.6





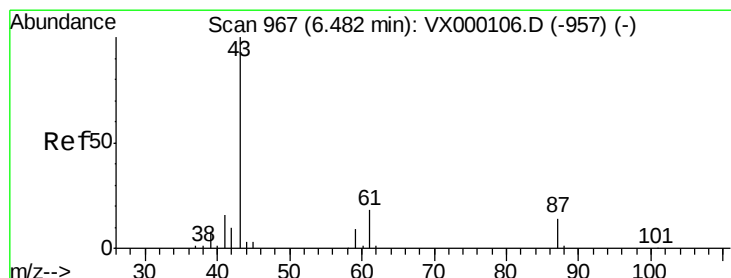
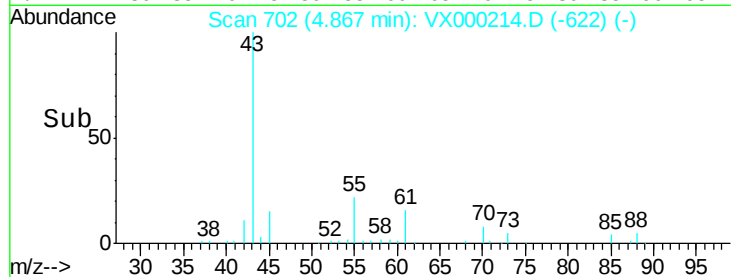
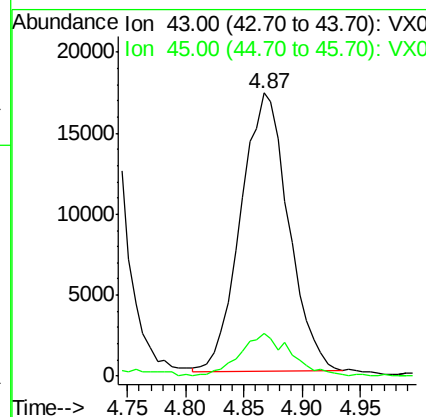
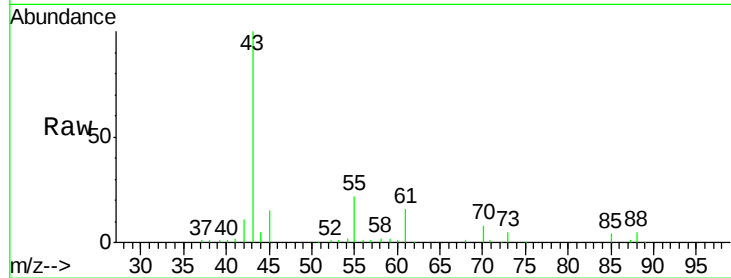
#43
Ethyl Acetate
Concen: 16.55 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 49195
Ion Ratio Lower Upper
43 100
45 15.5 11.4 17.0

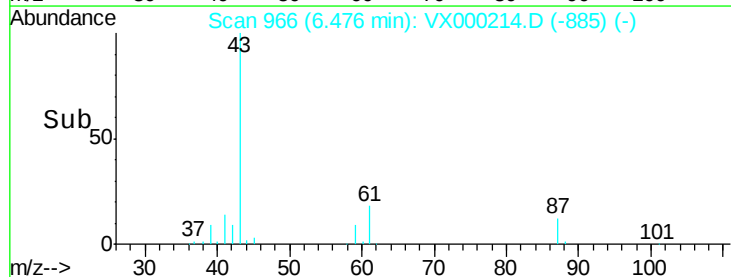
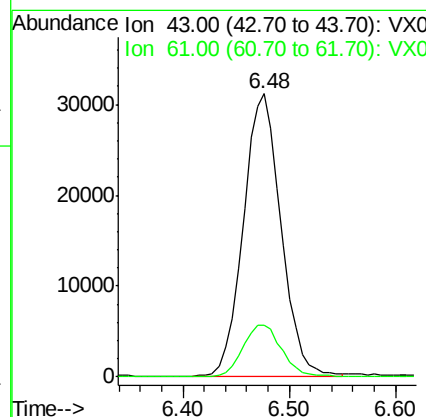
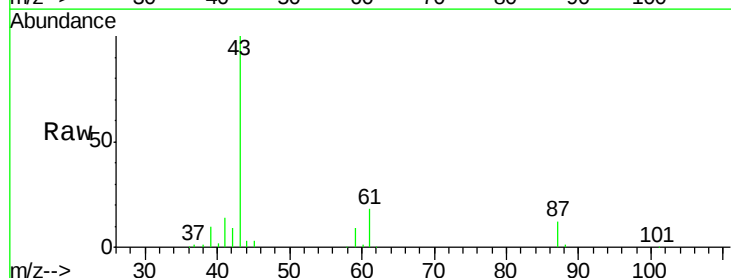
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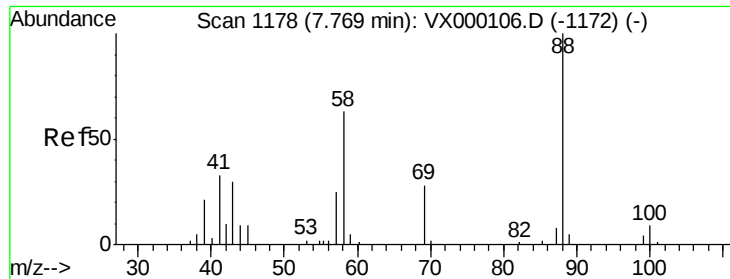
apatel
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#44
Isopropyl Acetate
Concen: 17.80 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion: 43 Resp: 77621
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5





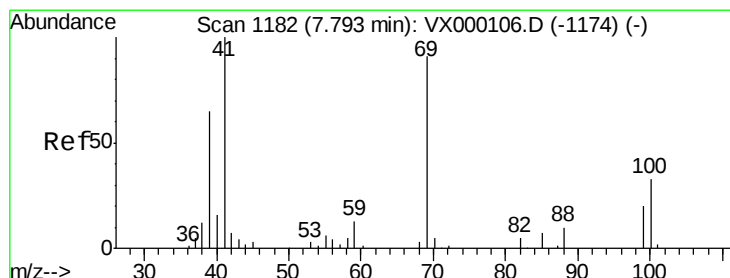
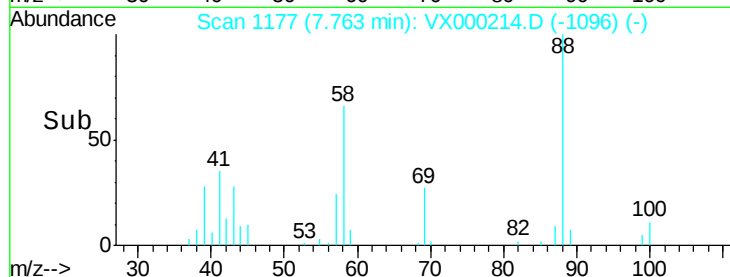
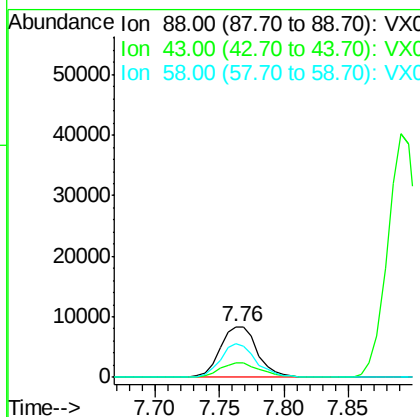
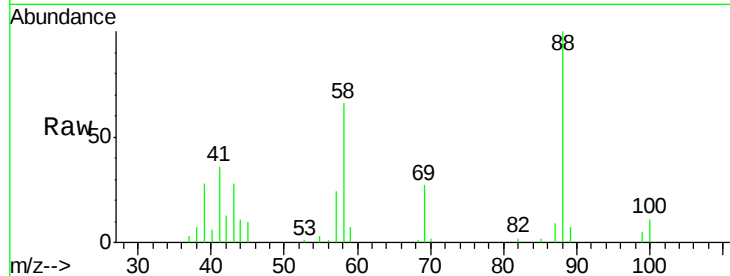
#45
1,4-Dioxane
Concen: 310.54 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.8	40.2
58	62.2	52.1	78.1

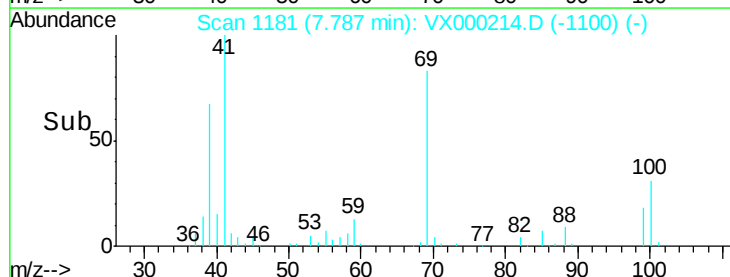
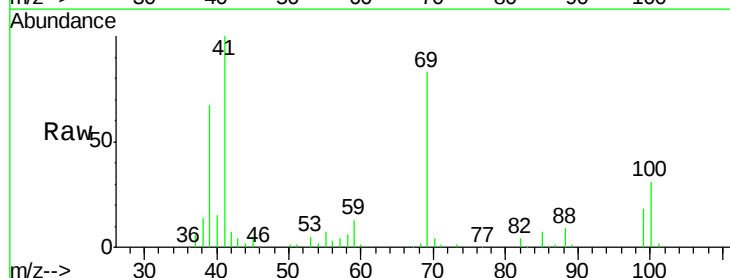
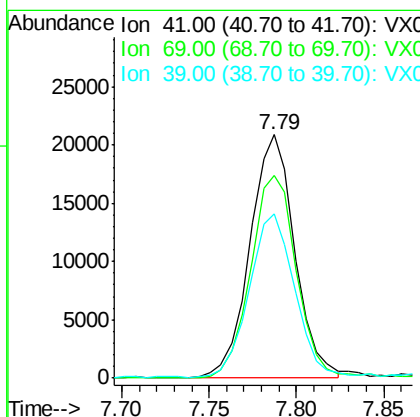
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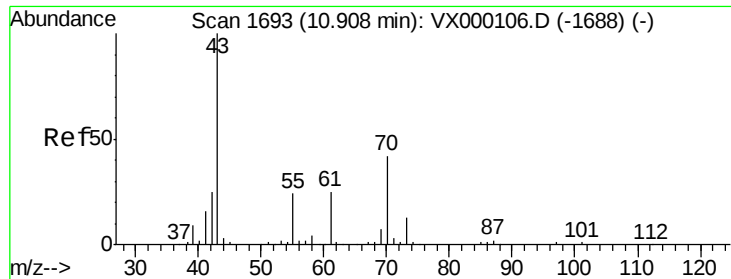
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#46
Methyl methacrylate
Concen: 17.49 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.4	45.5	136.5
39	67.1	32.5	97.5





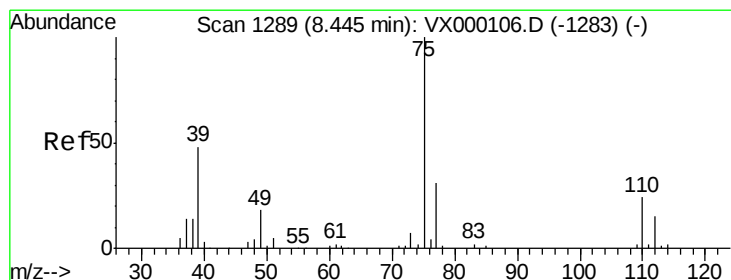
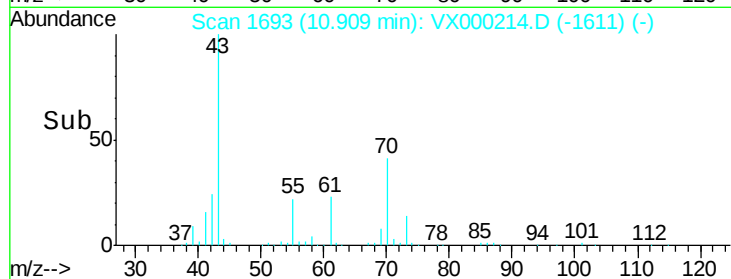
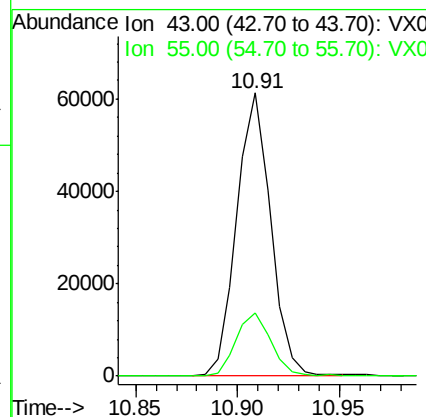
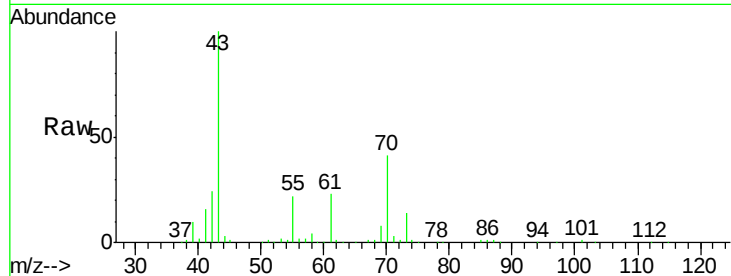
#47
n-amvl Acetate
Concen: 18.46 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 70283
Ion Ratio Lower Upper
43 100
55 23.1 19.4 29.2

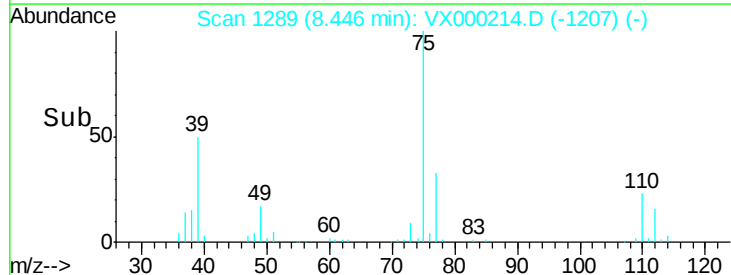
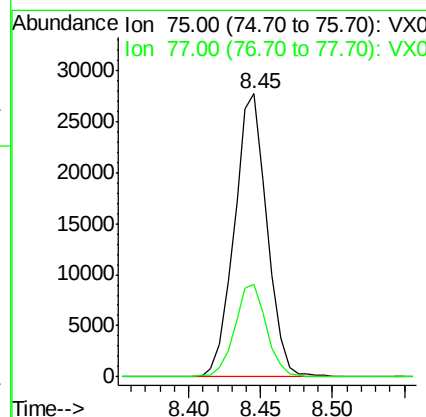
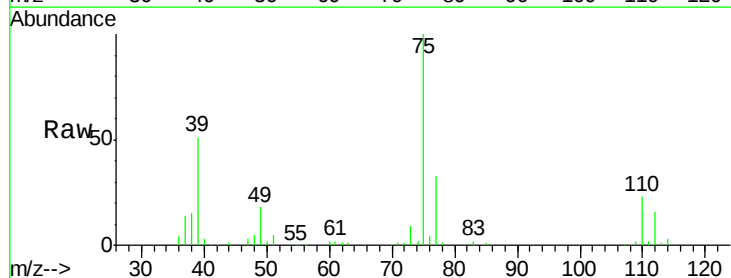
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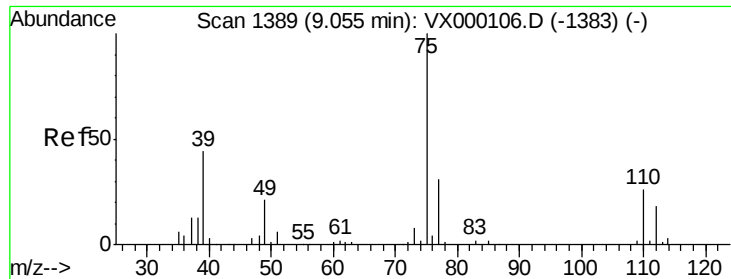
apatel
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#48
t-1,3-Dichloropropene
Concen: 16.26 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion: 75 Resp: 43783
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0





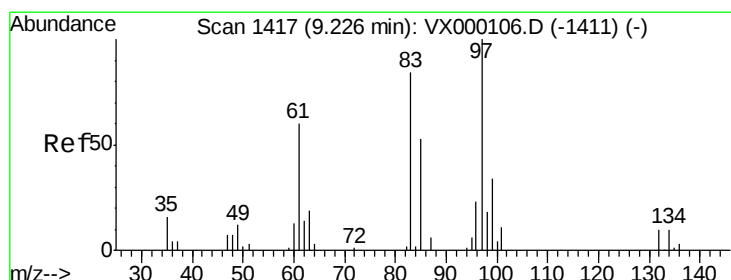
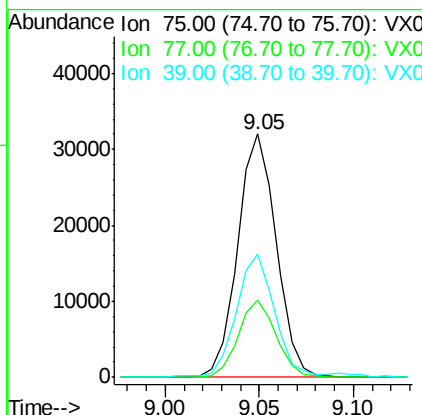
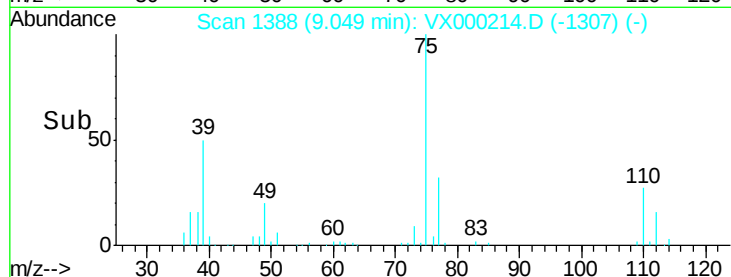
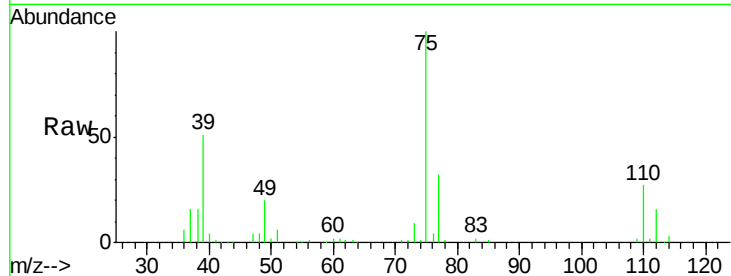
#49
 cis-1,3-Dichloropropene
 Concen: 17.31 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.5	36.7
39	49.9	35.6	53.4

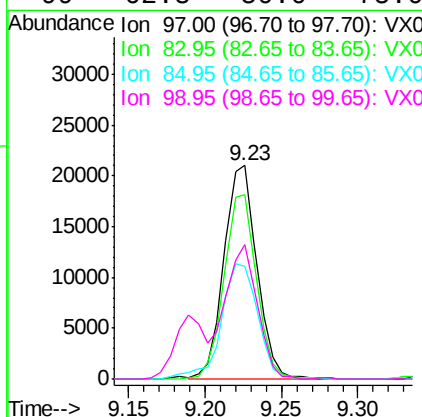
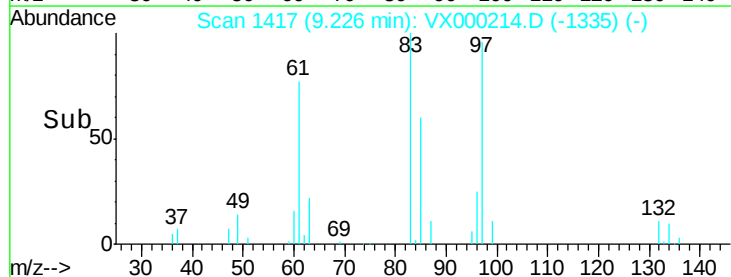
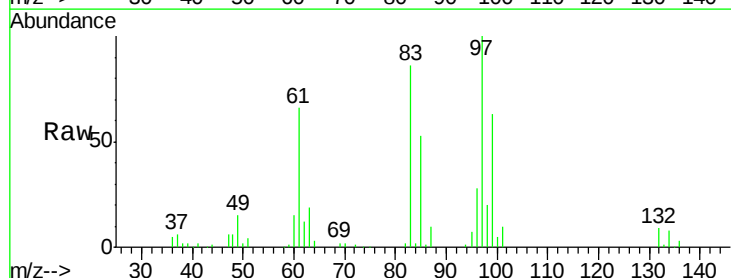
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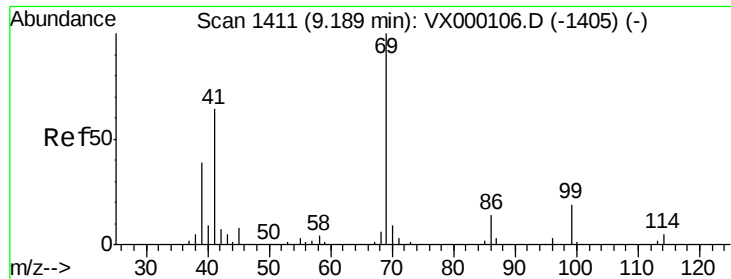
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#50
 1,1,2-Trichloroethane
 Concen: 17.57 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.9	100.3
85	52.5	44.4	66.6
99	62.8	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.26 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

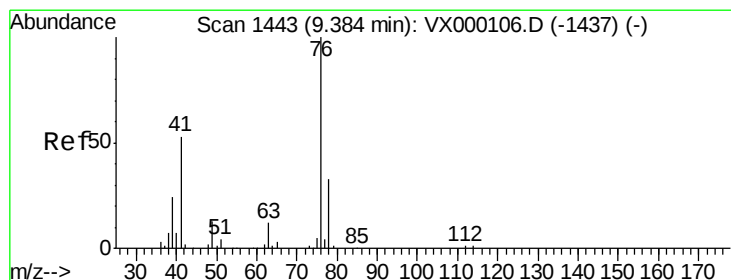
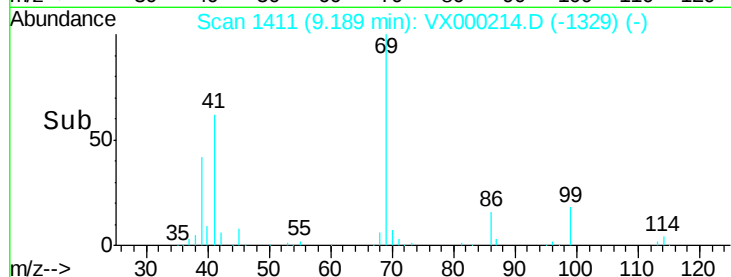
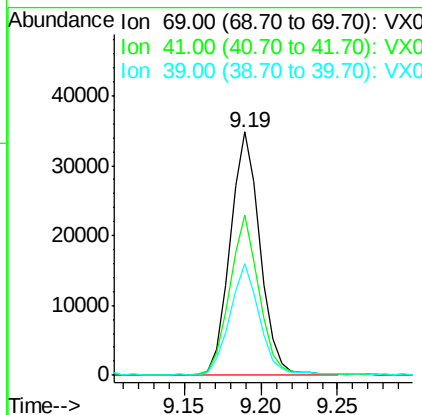
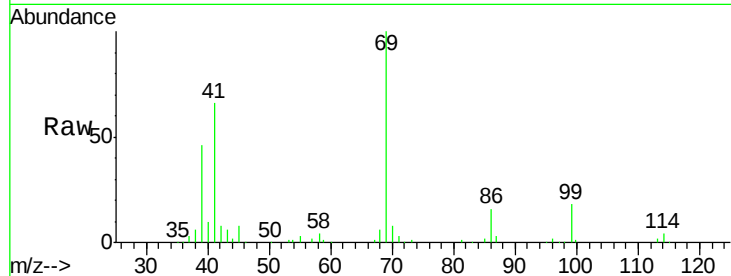
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	47263
Ion	Ratio	Lower	Upper
69	100		
41	66.0	32.1	96.3
39	45.4	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.61 ug/l

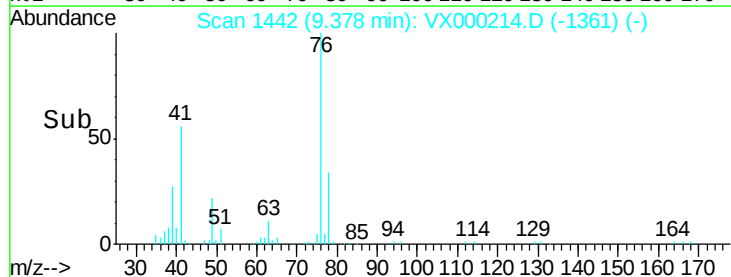
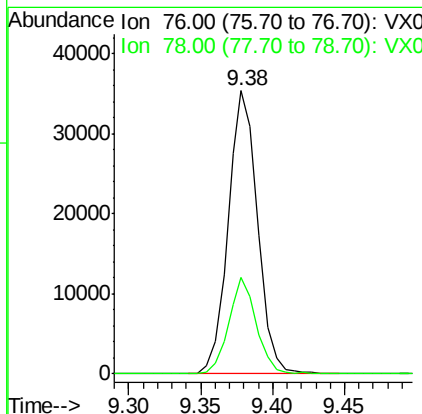
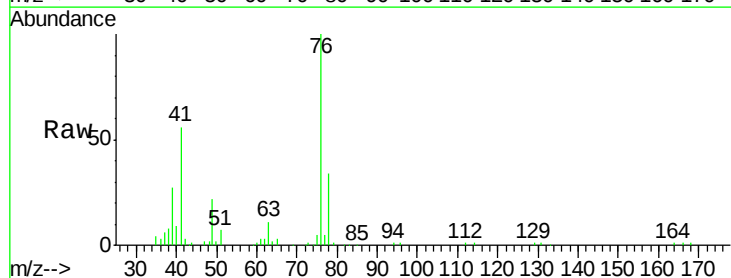
RT: 9.38 min Scan# 1442

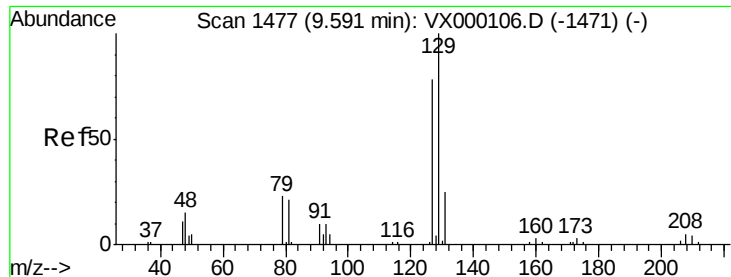
Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	76	Resp:	50485
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.0





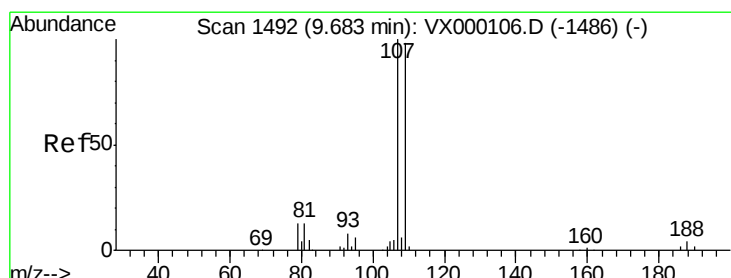
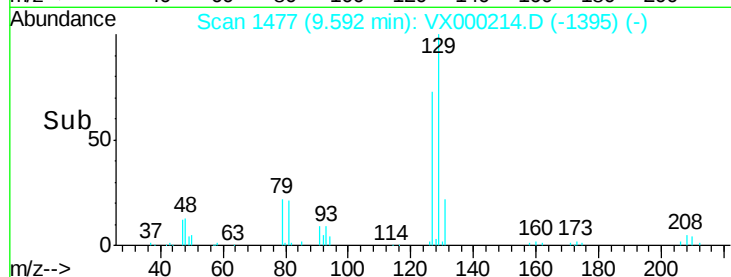
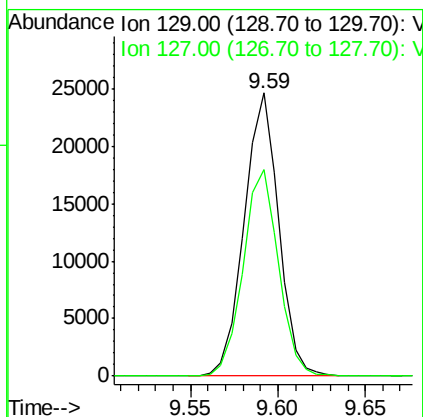
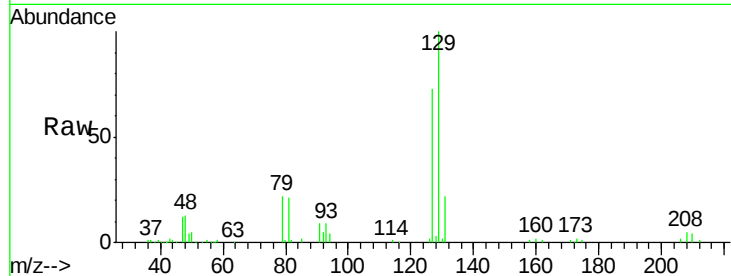
#53
Dibromochloromethane
Concen: 16.99 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 33775
Ion Ratio Lower Upper
129 100
127 74.6 37.5 112.5

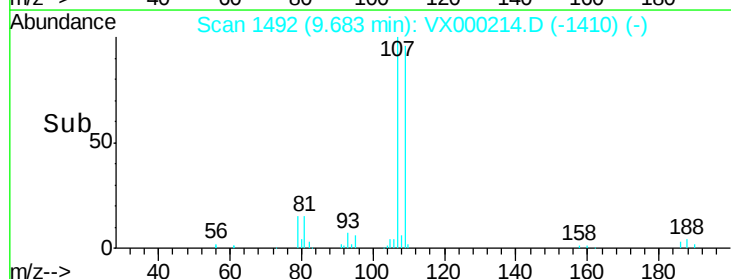
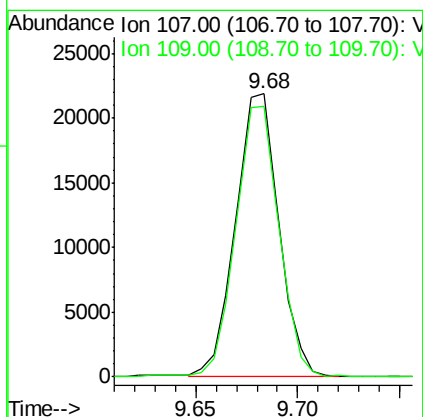
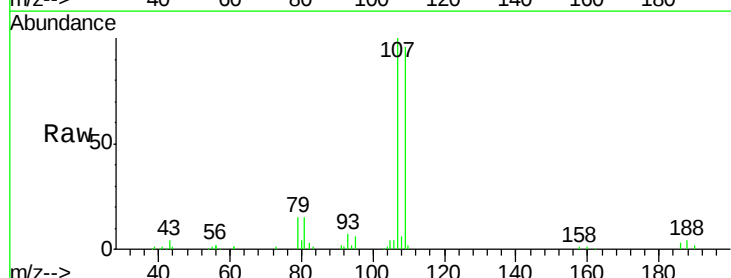
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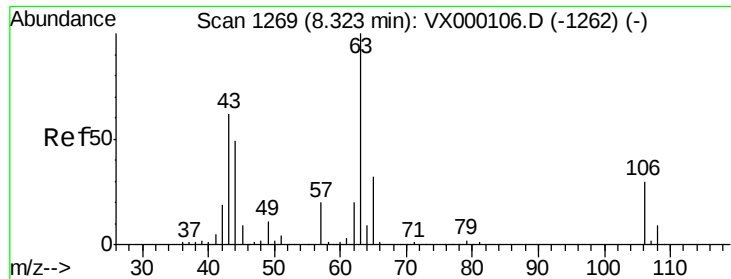
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#54
1,2-Dibromoethane
Concen: 16.26 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion:107 Resp: 32386
Ion Ratio Lower Upper
107 100
109 95.5 74.5 111.7





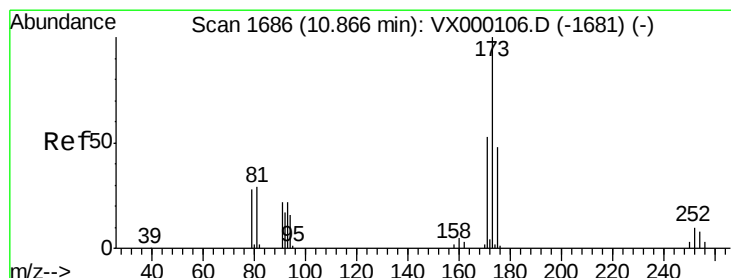
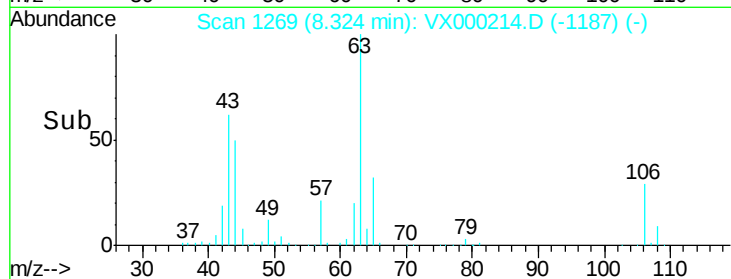
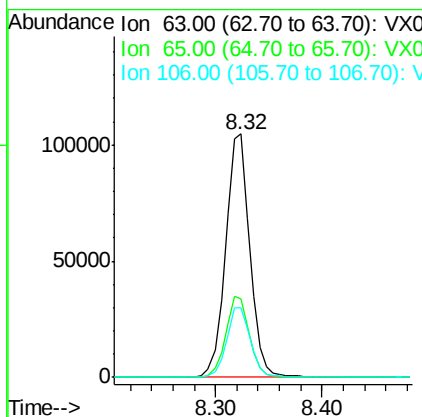
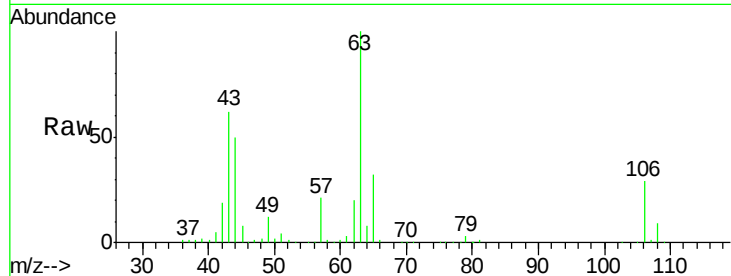
#55
2-Chloroethyl vinyl ether
Concen: 139.20 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	28.3	23.8	35.6

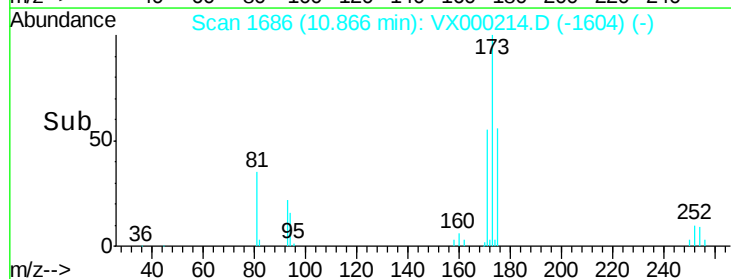
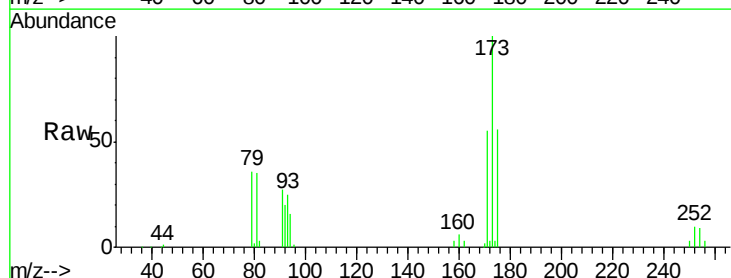
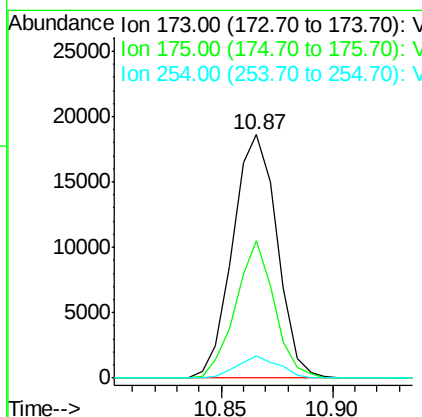
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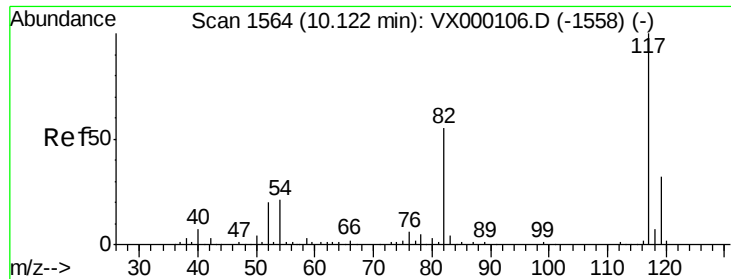
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#56
Bromoform
Concen: 16.05 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.0	58.4
254	8.5	7.0	10.4





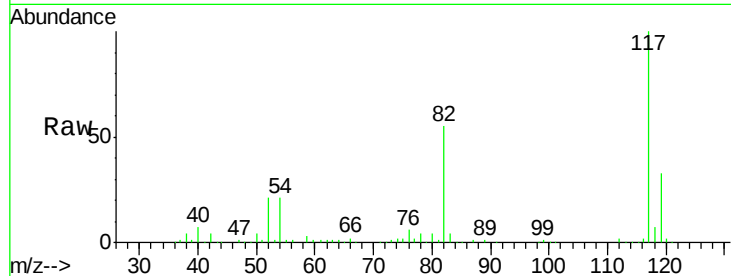
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

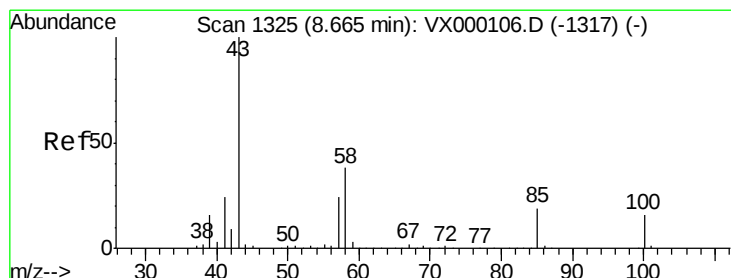
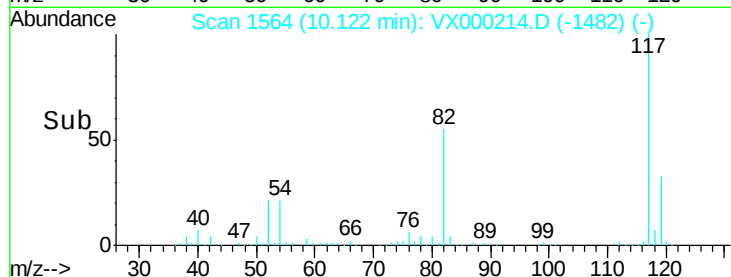
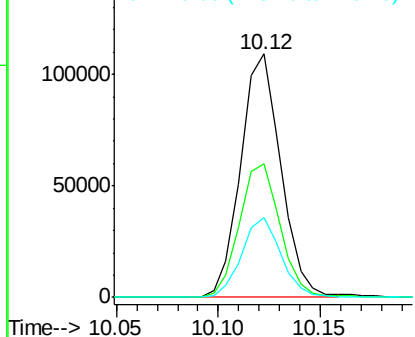
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	32.2	25.8	38.8

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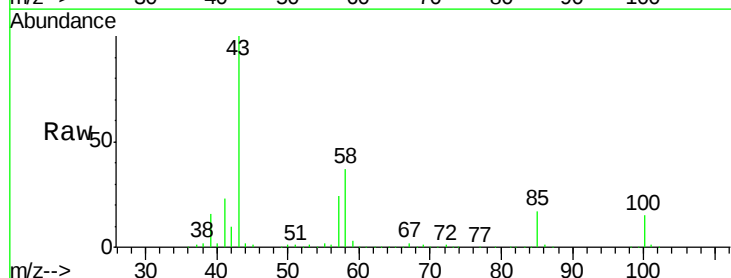


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX
Ion 119.00 (118.70 to 119.70): V

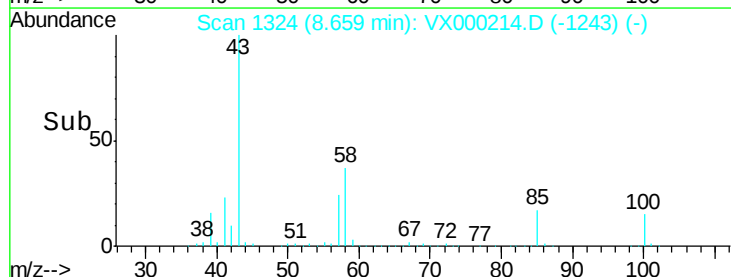
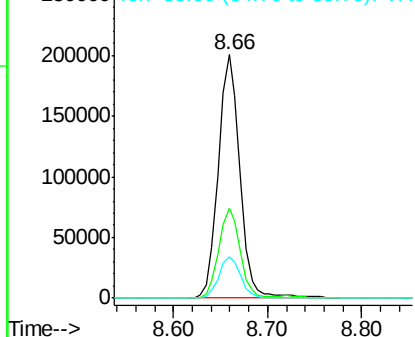


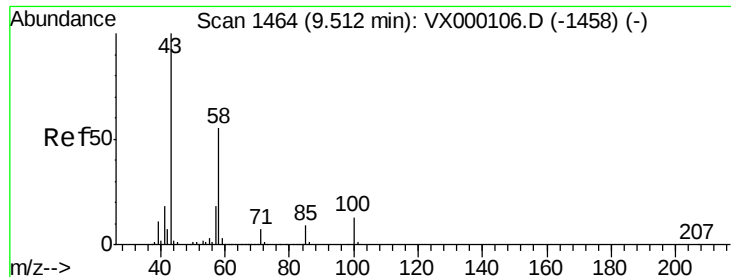
#58
4-Methyl-2-Pentanone
Concen: 97.32 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.8	44.8
85	17.4	14.9	22.3



Abundance Ion 43.00 (42.70 to 43.70): VX
Ion 58.00 (57.70 to 58.70): VX
Ion 85.00 (84.70 to 85.70): VX





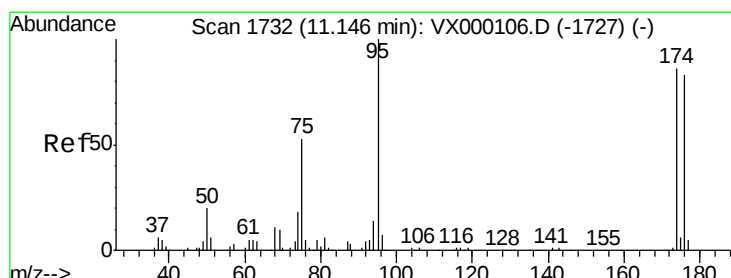
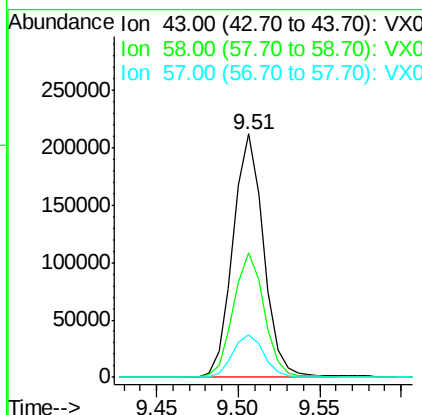
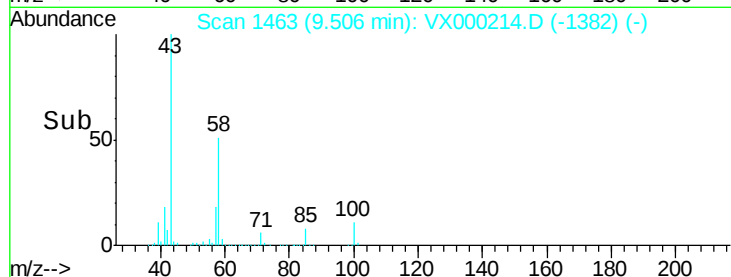
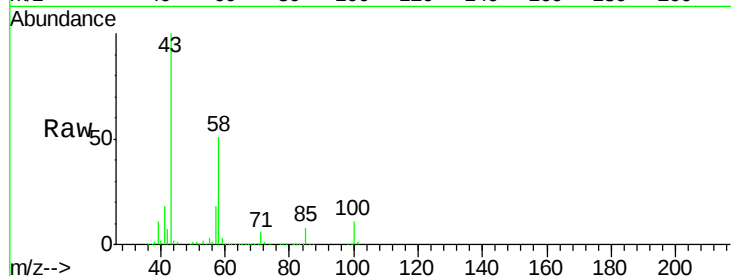
#59
2-Hexanone
Concen: 100.52 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100	278923		
58	52.0		43.0	64.6
57	18.0		14.4	21.6

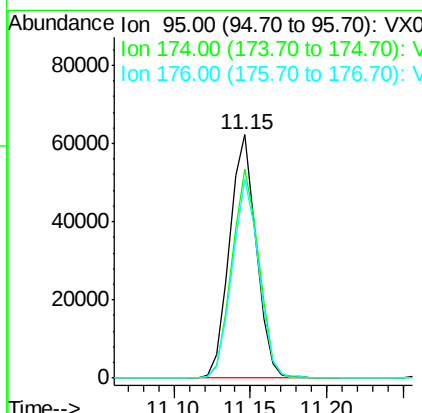
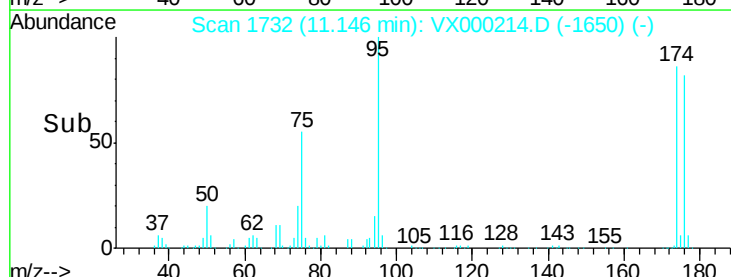
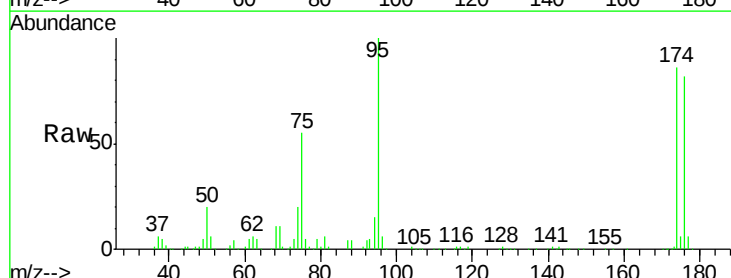
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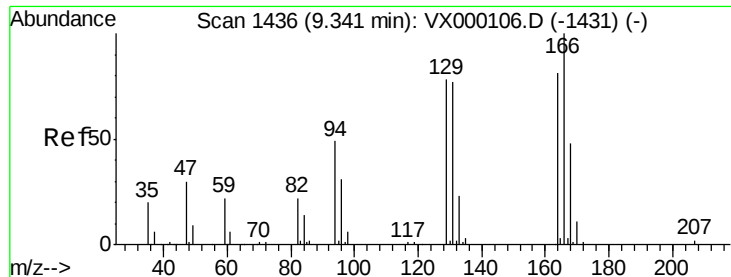
apatel
3/9/2018 9:38:07 AM



#60
4-Bromofluorobenzene
Concen: 30.89 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	75598		
174	86.5		71.1	106.7
176	81.3		69.3	103.9





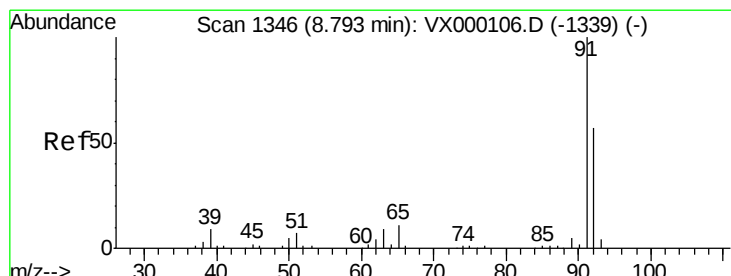
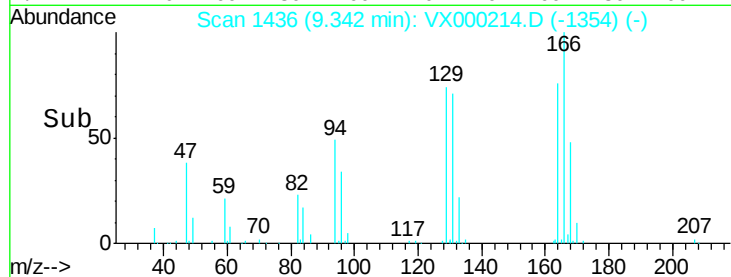
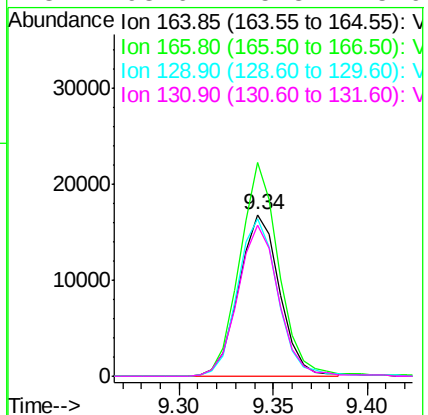
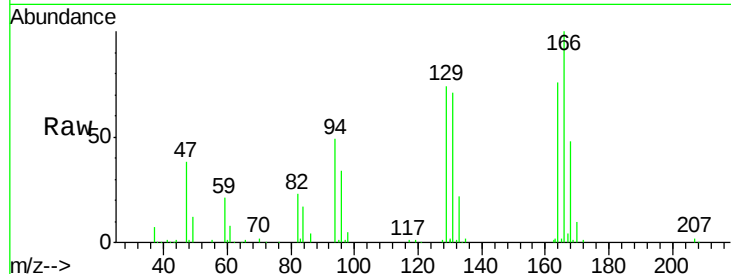
#61
Tetrachloroethene
Concen: 13.91 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.4	99.0	148.4
129	97.6	77.0	115.6
131	93.6	75.8	113.6

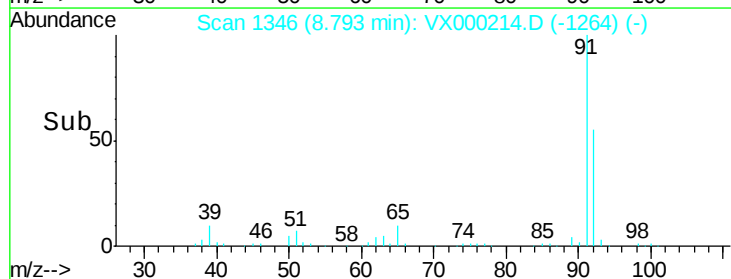
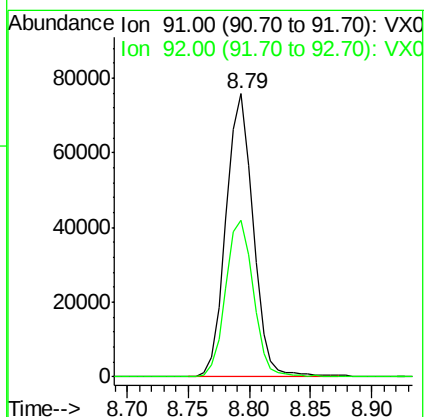
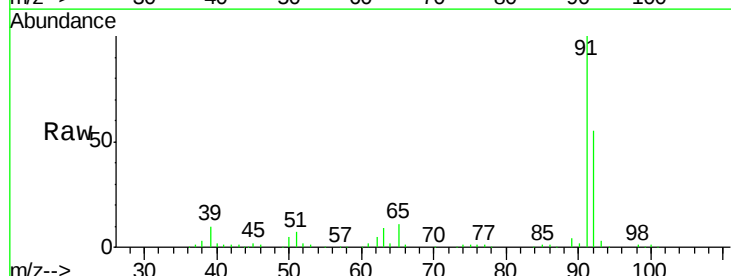
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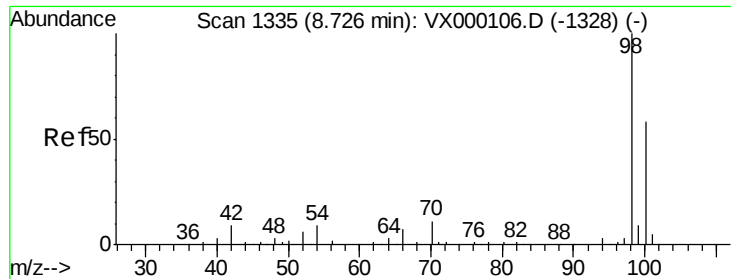
apatel
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#62
Toluene
Concen: 15.03 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	45.4	68.0





#63

Toluene-d8

Concen: 30.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 192875

Ion Ratio Lower Upper

98 100

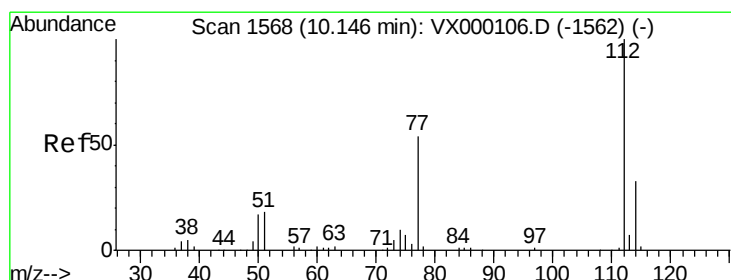
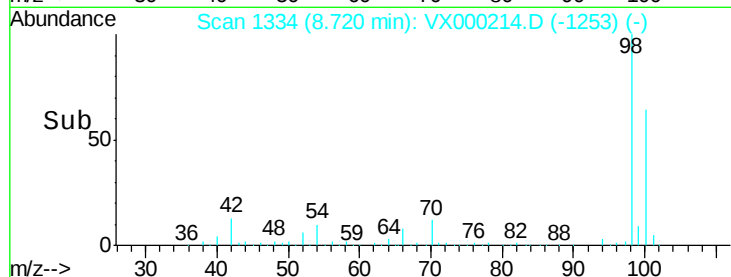
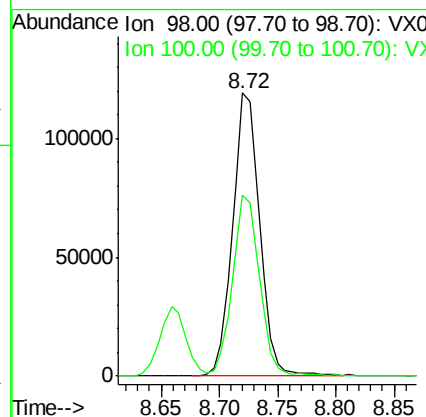
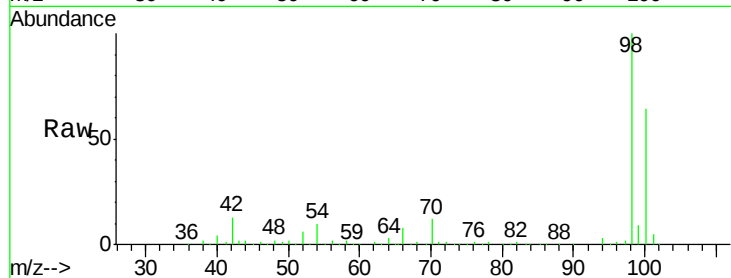
100 61.8 50.0 75.0

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#64

Chlorobenzene

Concen: 16.04 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000214.D

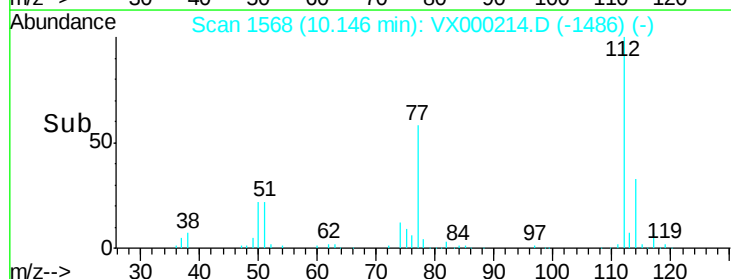
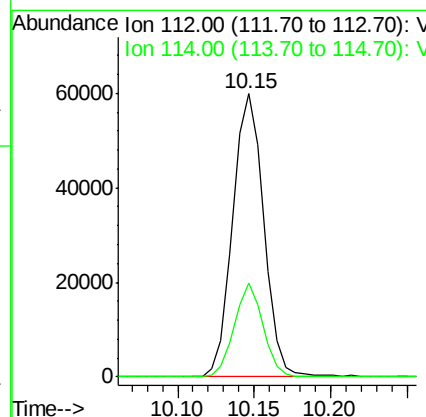
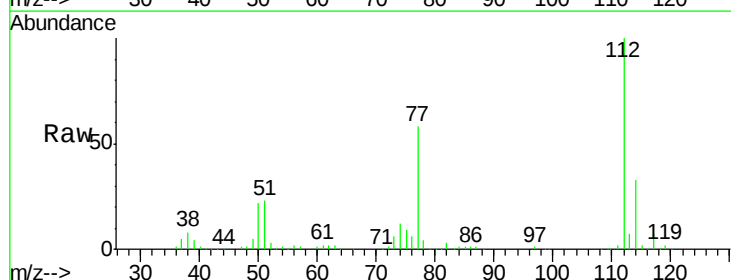
Acq: 08 Mar 2018 09:45

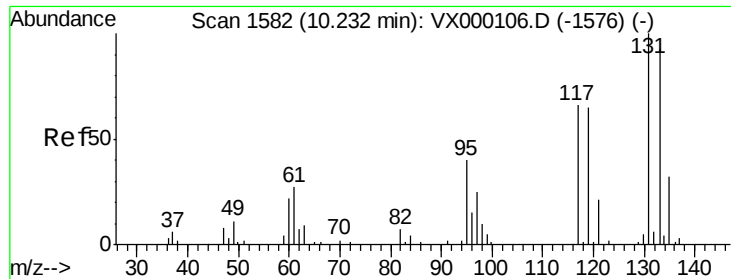
Tgt Ion: 112 Resp: 84358

Ion Ratio Lower Upper

112 100

114 33.2 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 16.50 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

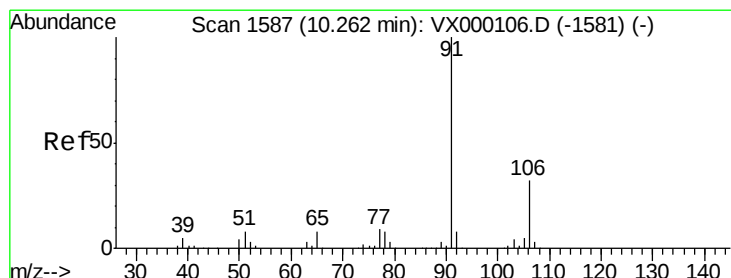
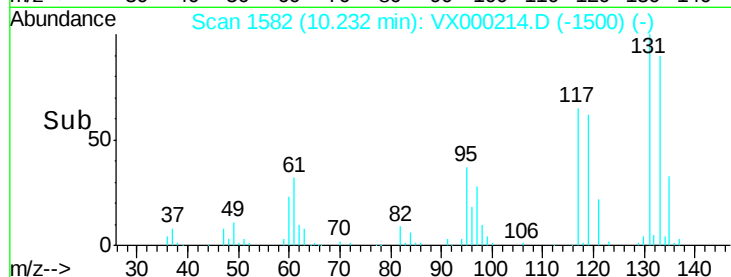
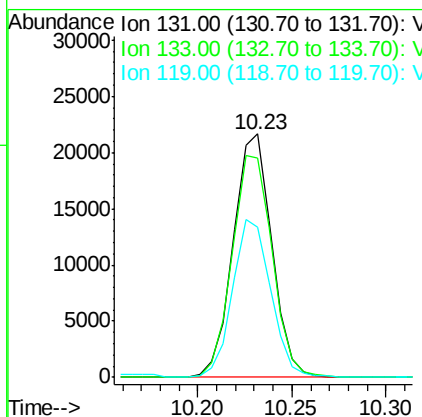
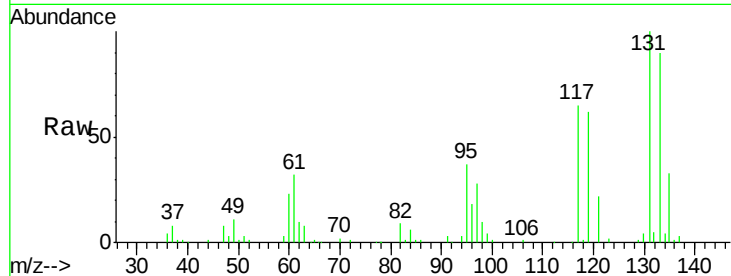
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	30750
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	187.6
119	64.3	0.0	134.0

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#66

Ethyl Benzene

Concen: 15.89 ug/l

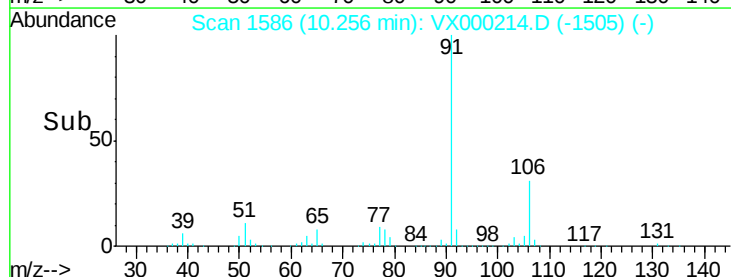
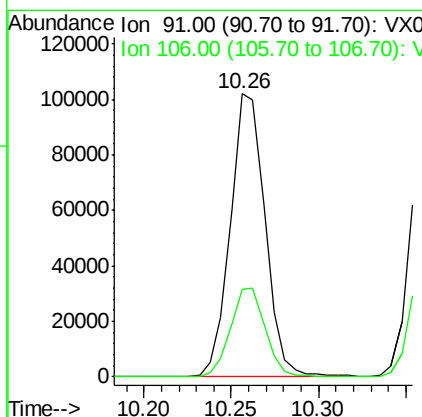
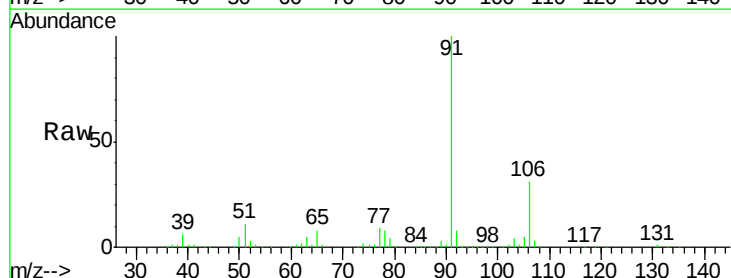
RT: 10.26 min Scan# 1586

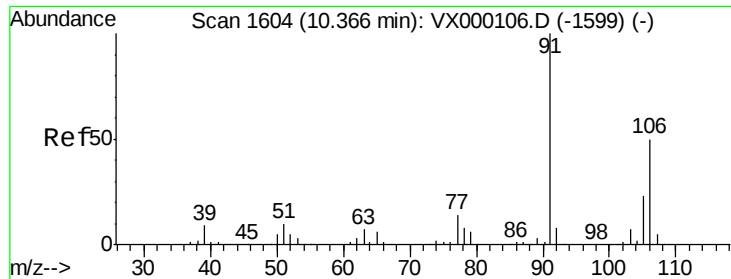
Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	91	Resp:	141183
Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.9	38.9





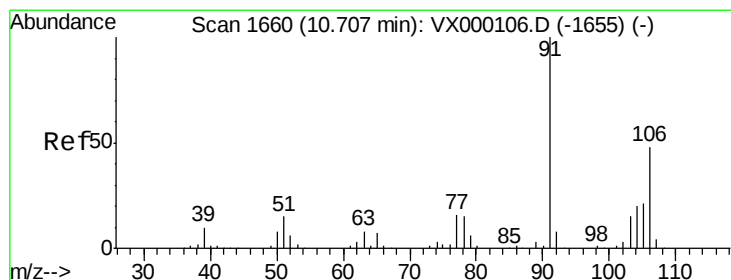
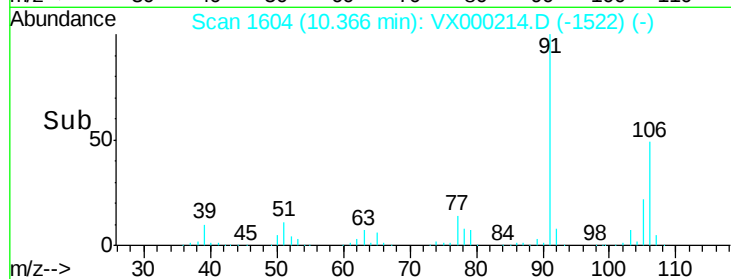
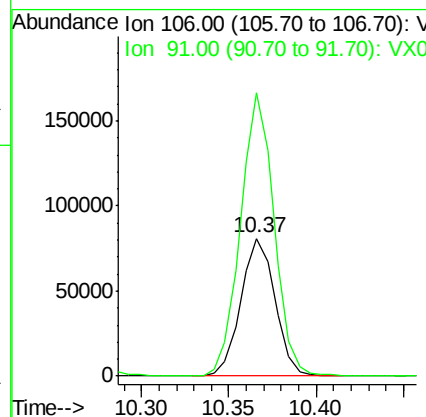
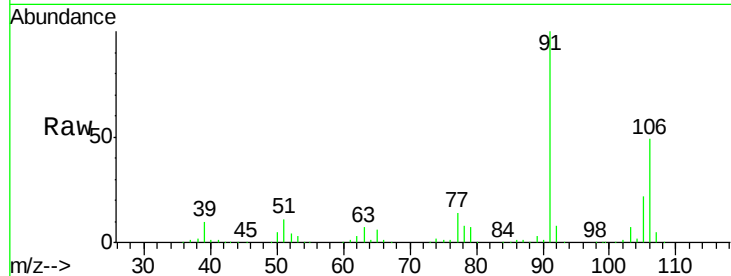
#67
m/p-Xvlenes
Concen: 31.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 109735
Ion Ratio Lower Upper
106 100
91 202.8 161.6 242.4

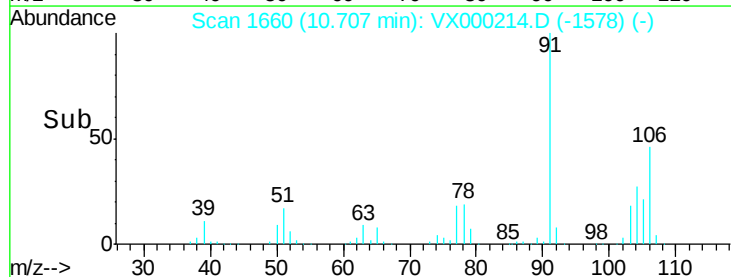
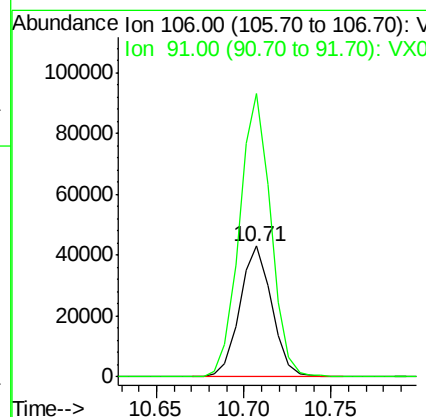
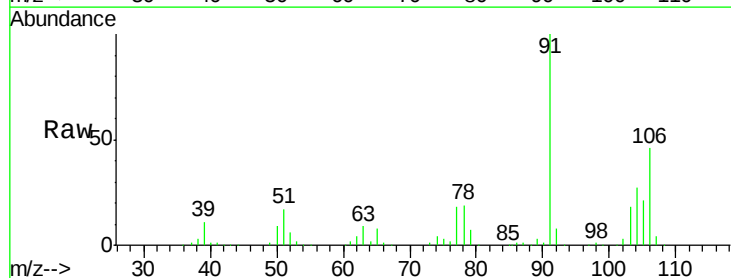
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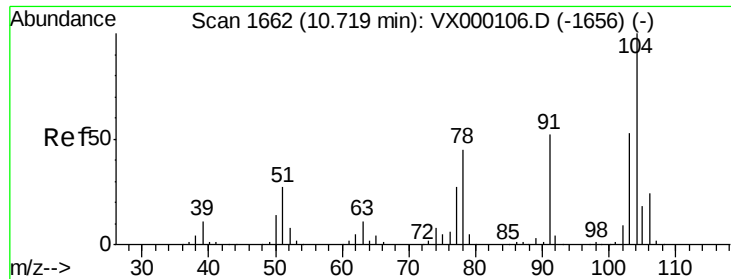
apatel
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#68
o-Xylene
Concen: 16.17 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion:106 Resp: 54703
Ion Ratio Lower Upper
106 100
91 212.2 105.6 316.8





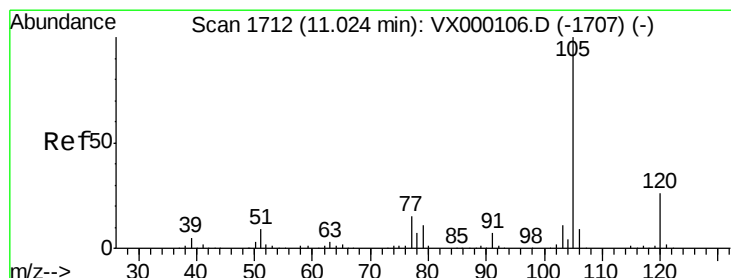
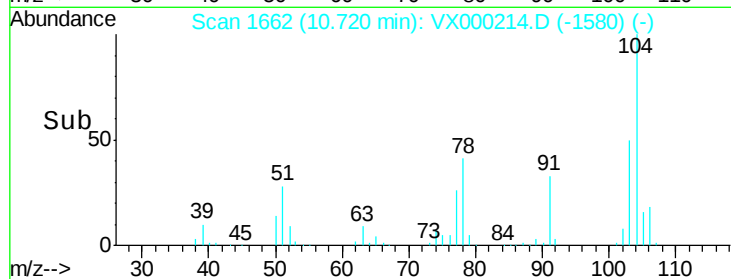
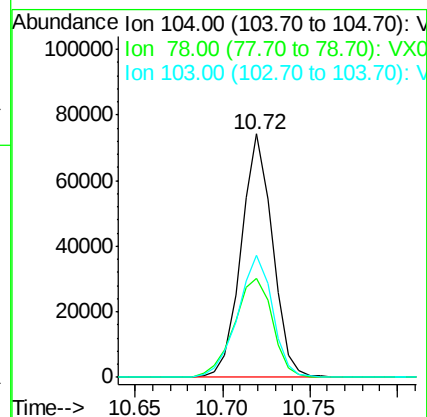
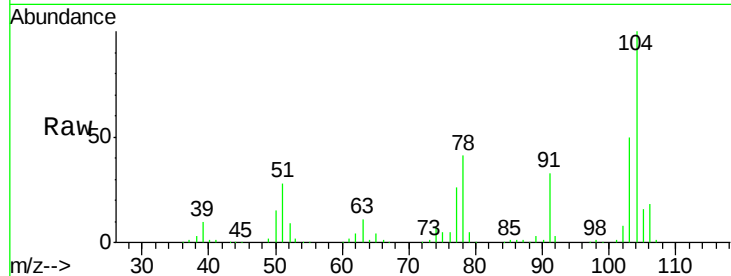
#69
Stvrene
Concen: 16.59 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	39.0	58.4
103	55.8	44.7	67.1

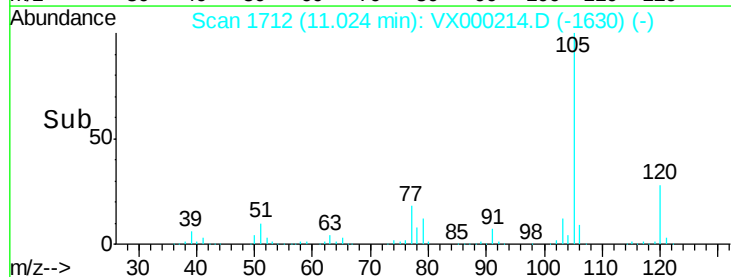
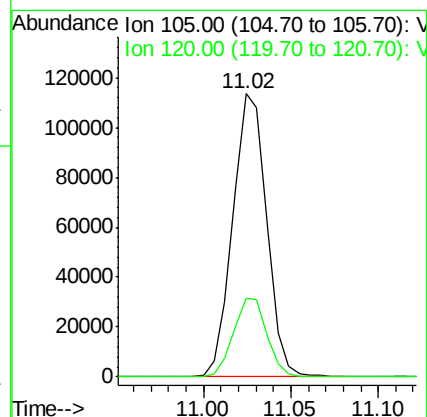
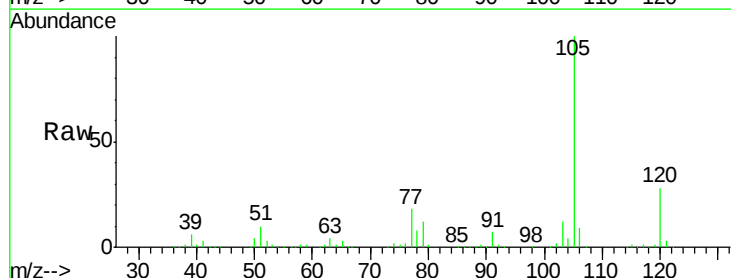
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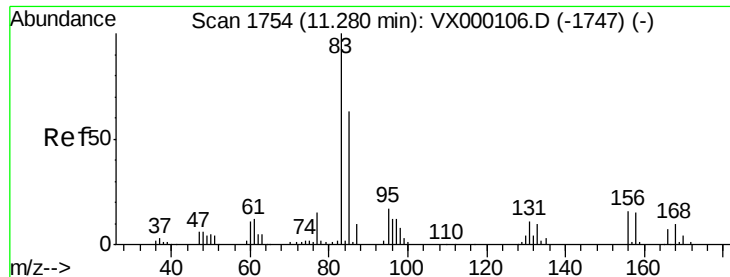
apatel
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#70
Isopropylbenzene
Concen: 16.62 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

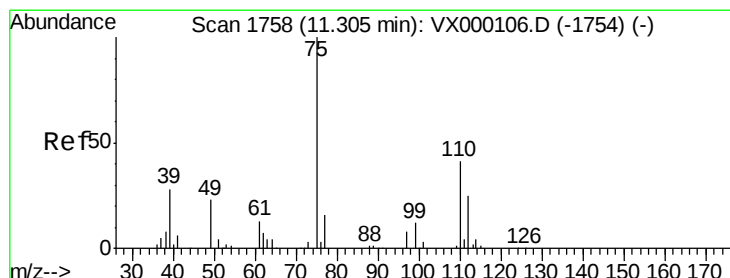
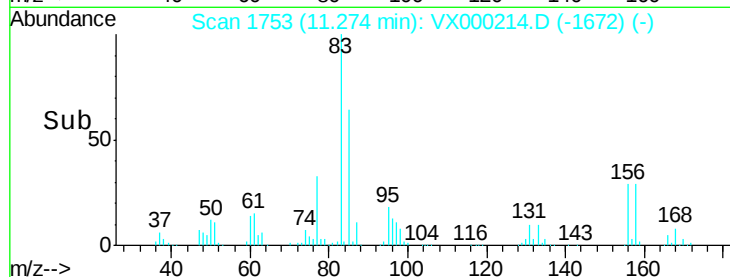
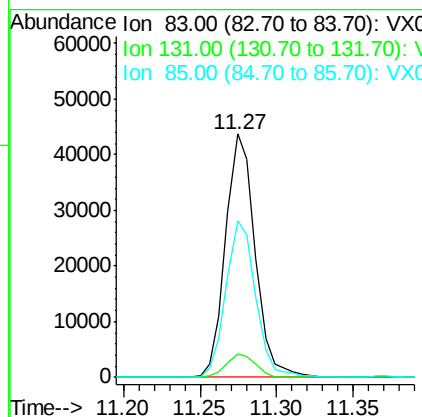
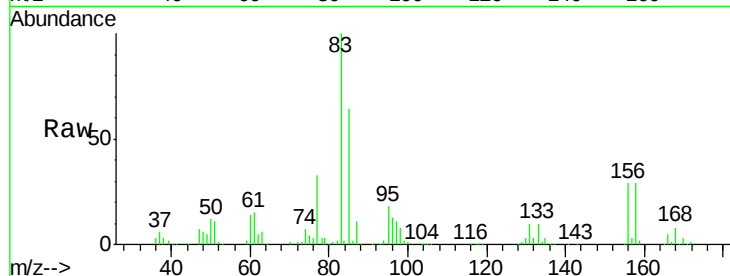
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	58821
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	16.1
85	64.6	32.5	97.5

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#72

1,2,3-Trichloropropane

Concen: 19.14 ug/l m

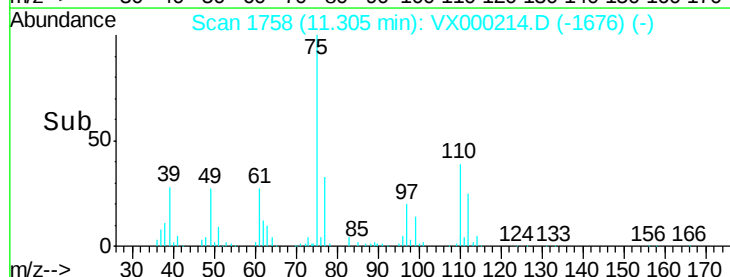
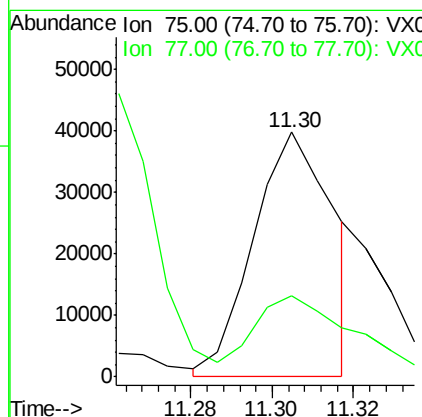
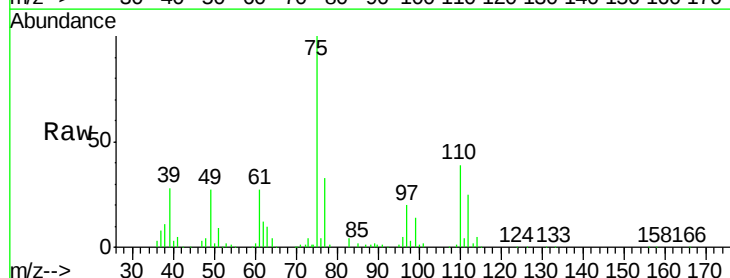
RT: 11.30 min Scan# 1758

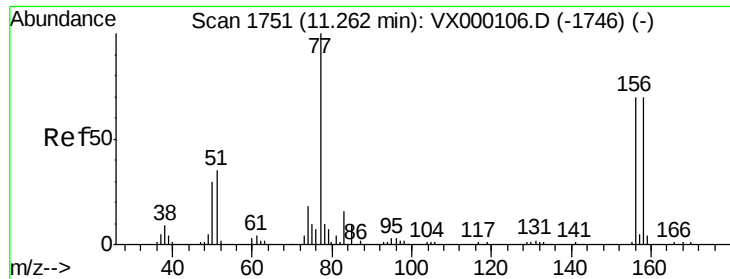
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	75	Resp:	54017
Ion Ratio	Lower	Upper	
75	100		
77	42.1	0.0	85.8





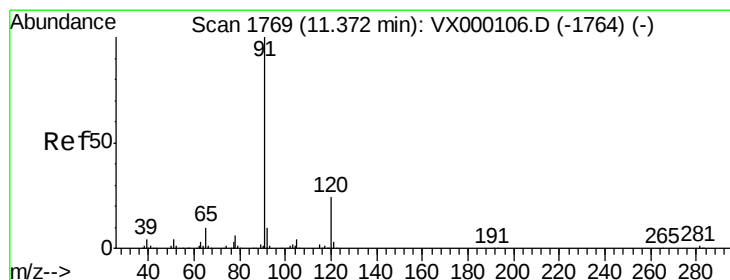
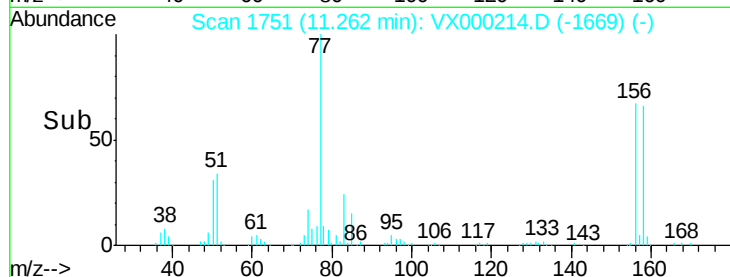
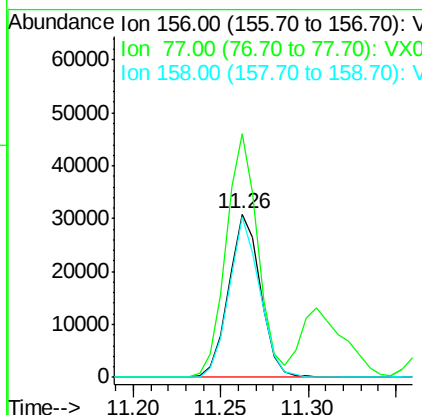
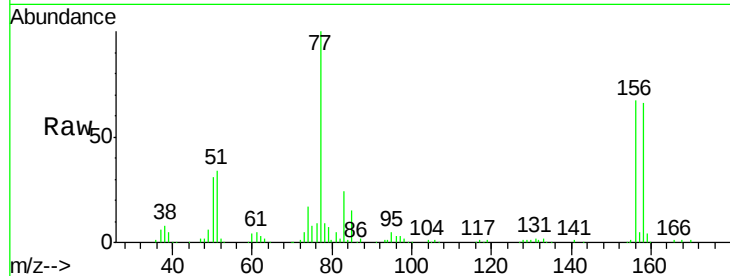
#73
Bromobenzene
Concen: 16.26 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.5	0.0	280.2
158	95.3	0.0	197.2

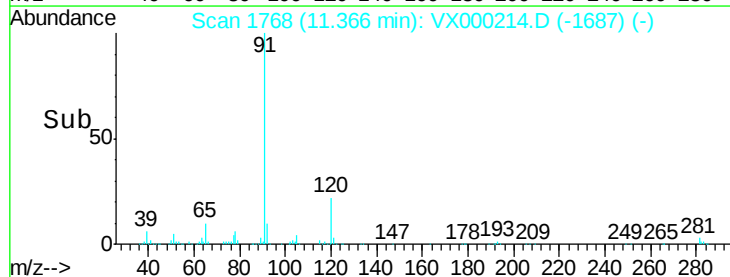
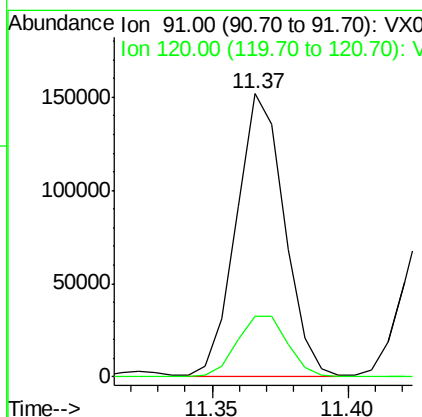
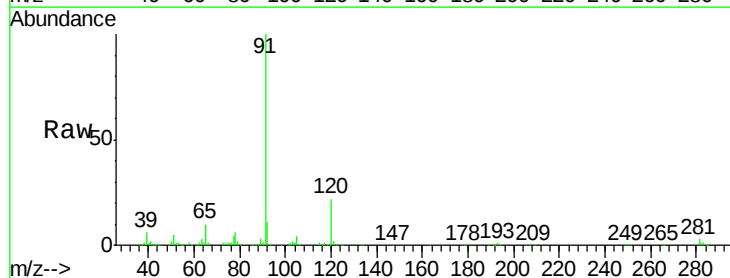
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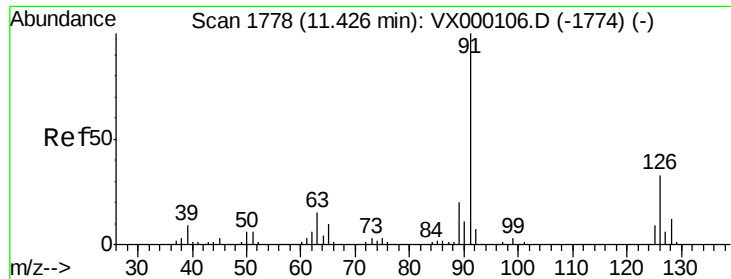
apatel
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#74
n-propylbenzene
Concen: 17.41 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	47.4





#75

2-Chlorotoluene

Concen: 17.38 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 107127

Ion Ratio Lower Upper

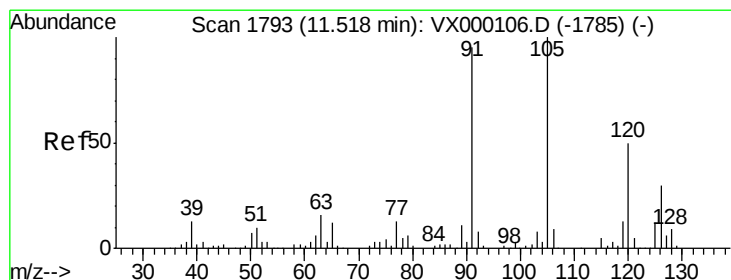
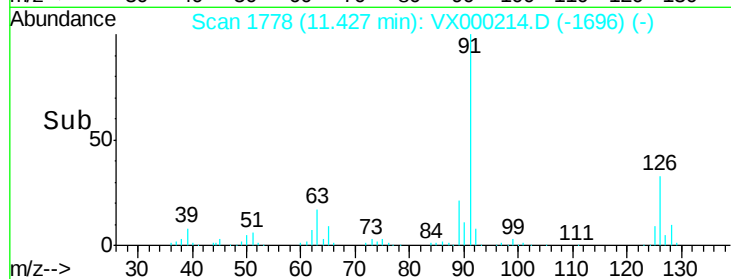
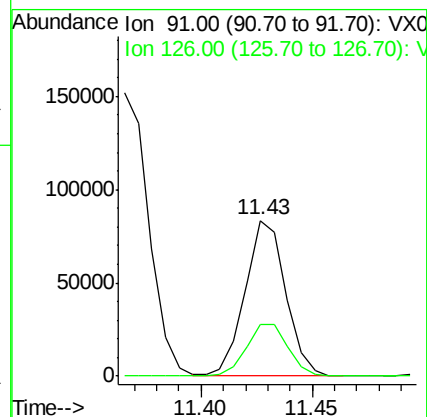
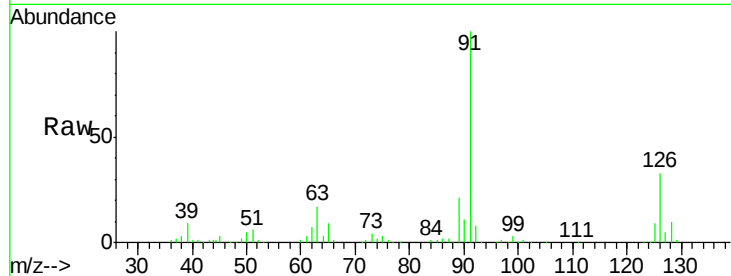
91 100

126 34.3 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 16.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000214.D

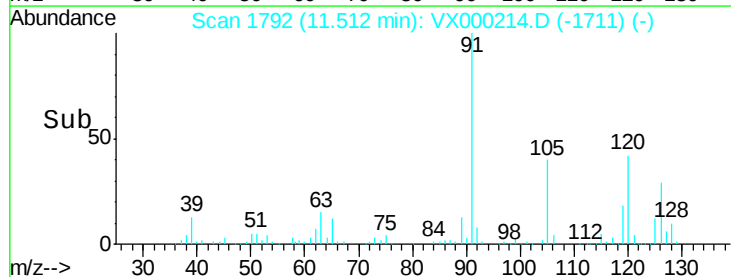
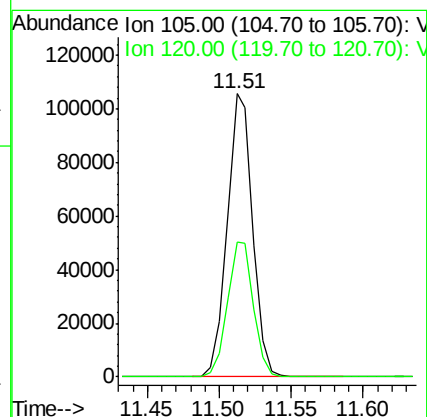
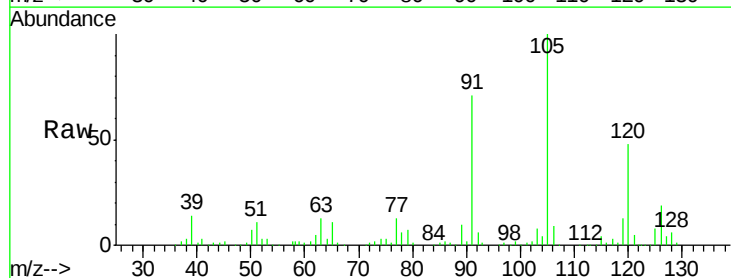
Acq: 08 Mar 2018 09:45

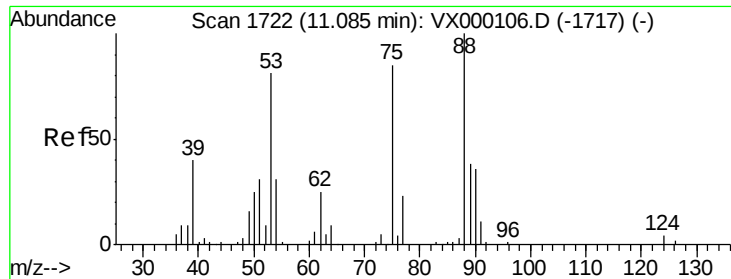
Tgt Ion: 105 Resp: 131439

Ion Ratio Lower Upper

105 100

120 48.4 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 16.64 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

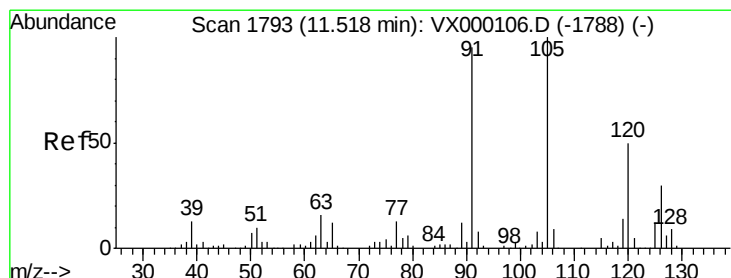
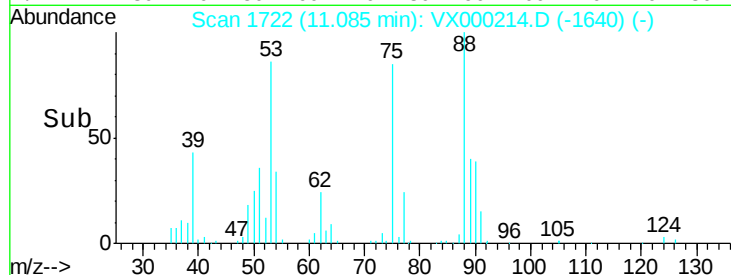
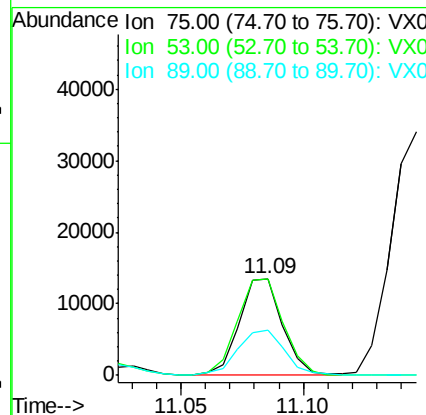
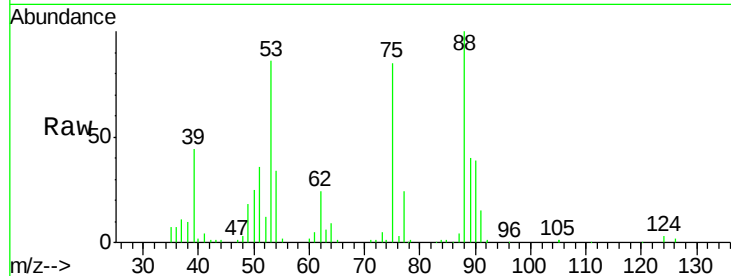
ClientSampled :

VSTDCCC020

Tot Ion:	75	Resp:	16610
Ion Ratio	Lower	Upper	
75	100		
53	99.5	47.8	143.3
89	47.0	22.3	66.8

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#78

4-Chlorotoluene

Concen: 17.50 ug/l

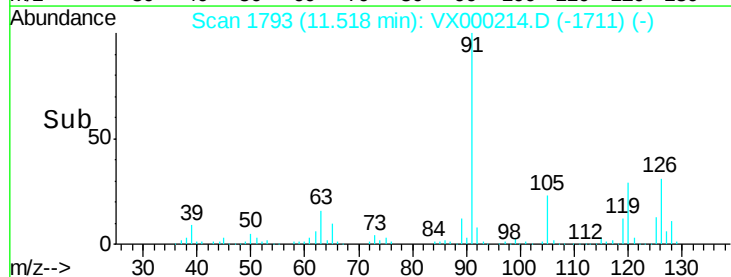
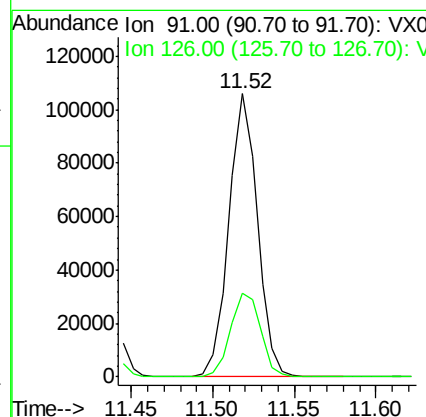
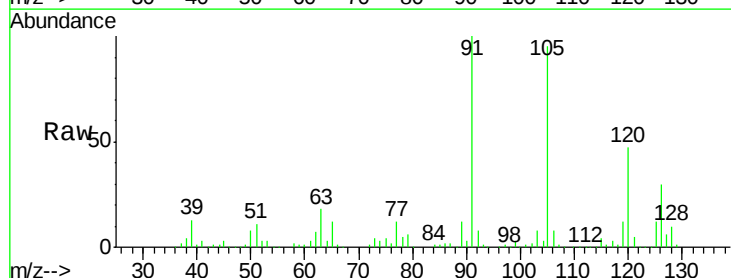
RT: 11.52 min Scan# 1793

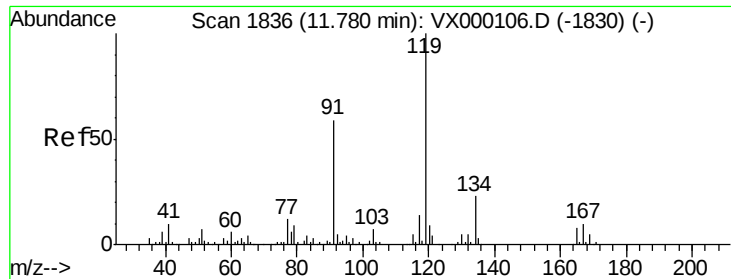
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	91	Resp:	129179
Ion Ratio	Lower	Upper	
91	100		
126	30.9	0.0	63.4





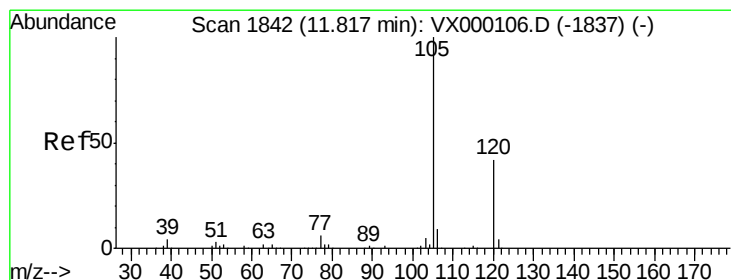
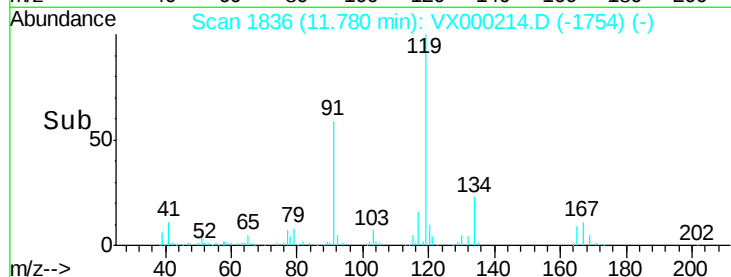
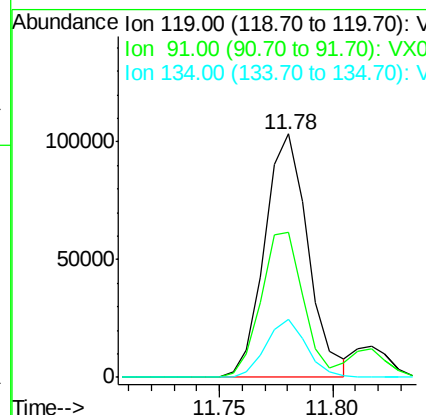
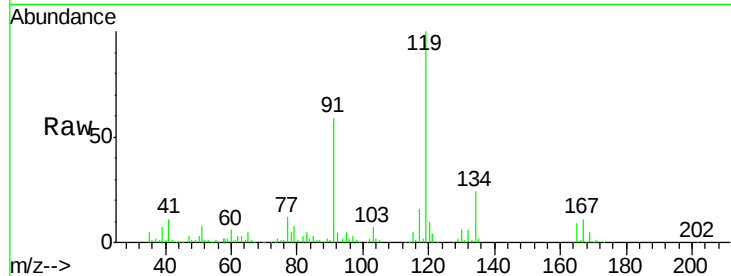
#79
tert-butylbenzene
Concen: 17.82 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	137425		
91	27.4	0.0	51.6	
134	29.3	0.0	60.2	

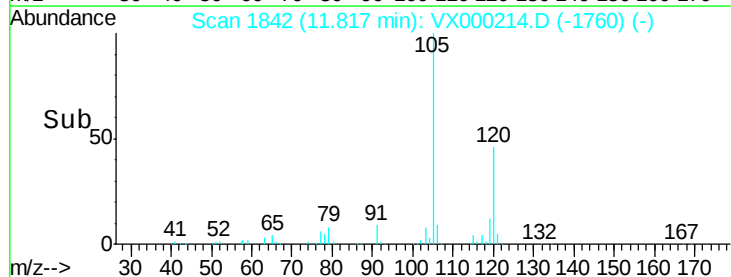
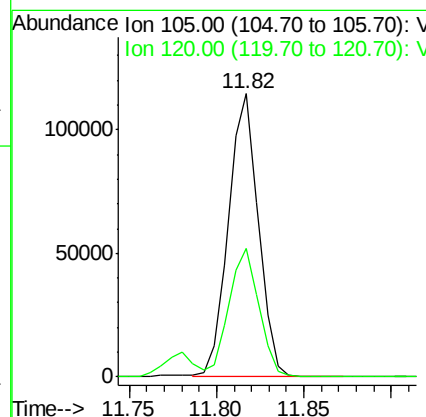
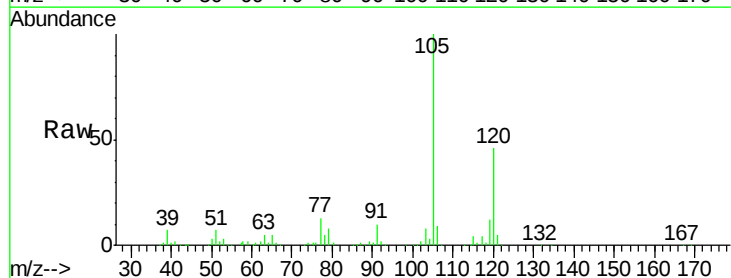
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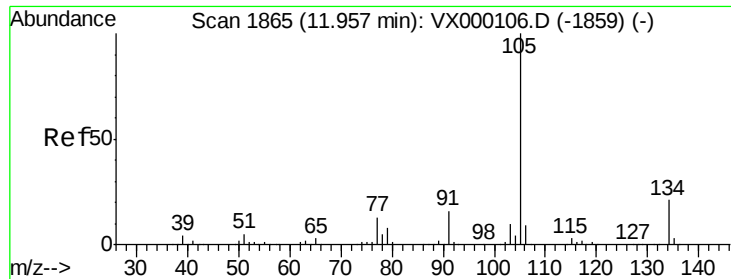
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#80
1,2,4-Trimethylbenzene
Concen: 17.28 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136638		
120	45.5	0.0	93.0	





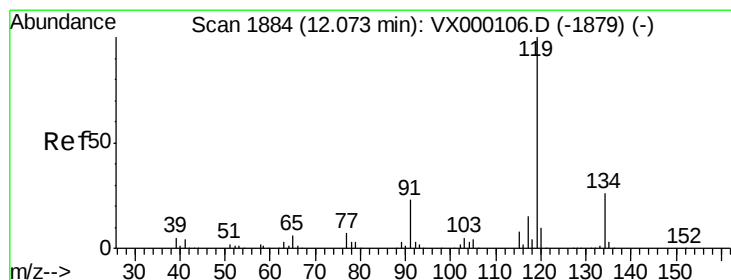
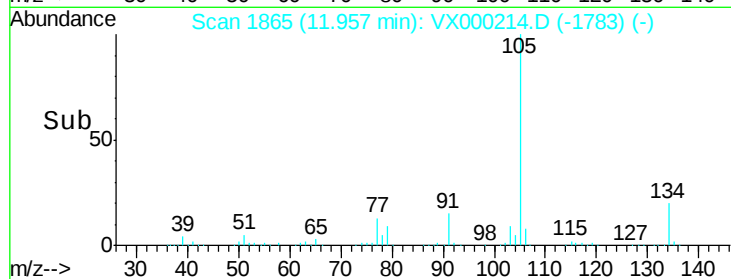
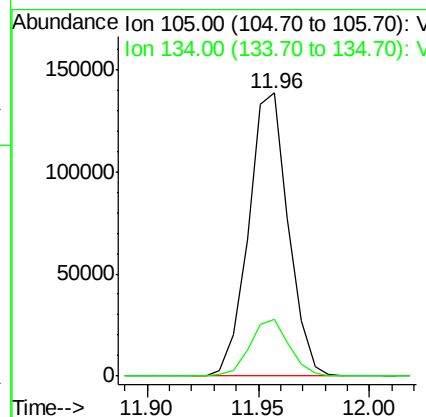
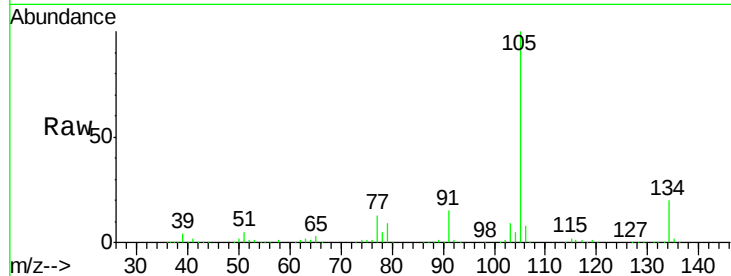
#81
 sec-Butylbenzene
 Concen: 18.06 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	41.8

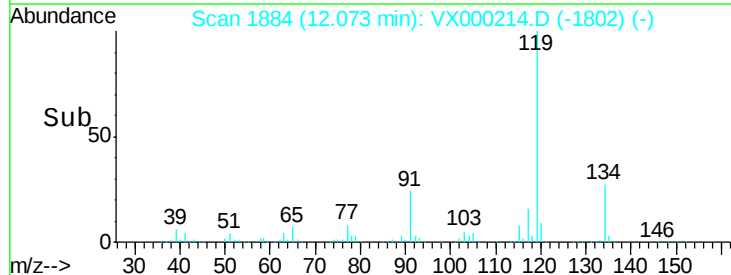
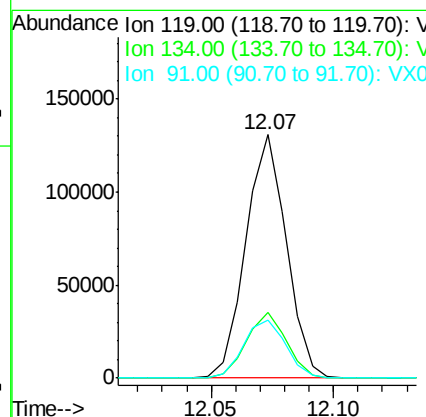
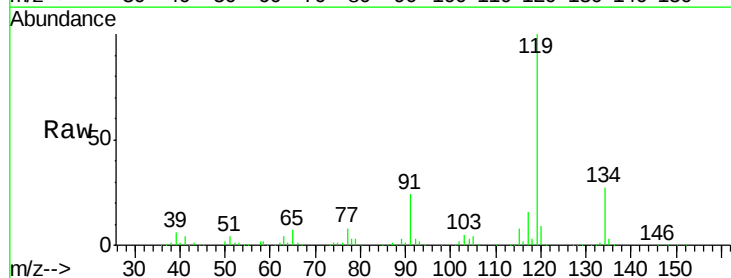
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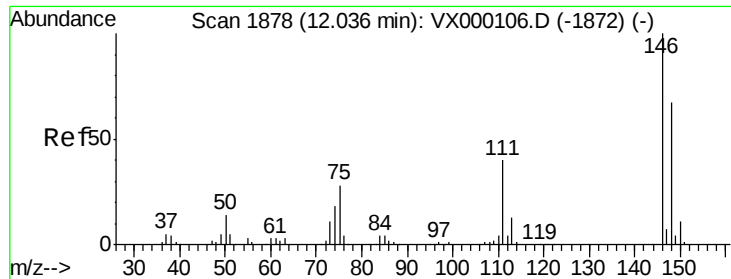
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#82
 p-Isopropyltoluene
 Concen: 17.57 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	54.4
91	25.2	0.0	46.6





#83

1,3-Dichlorobenzene

Concen: 17.74 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

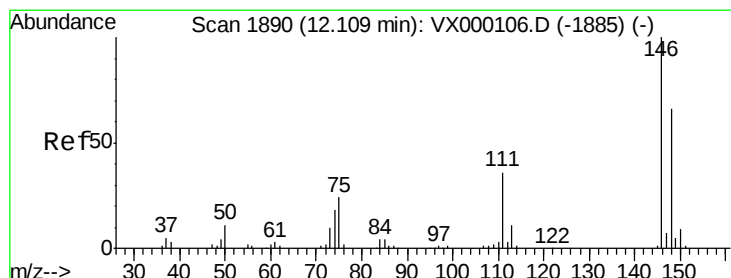
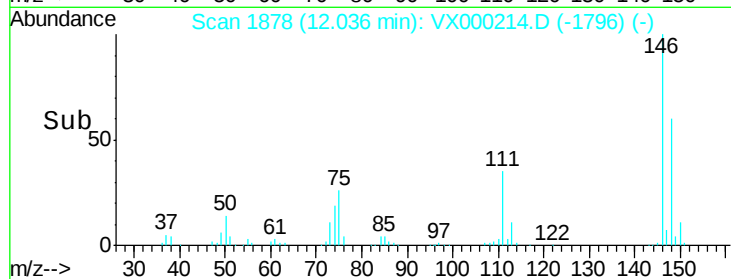
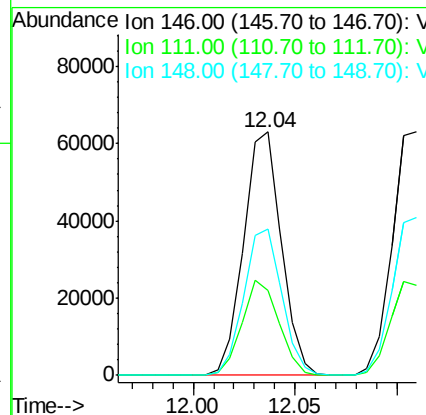
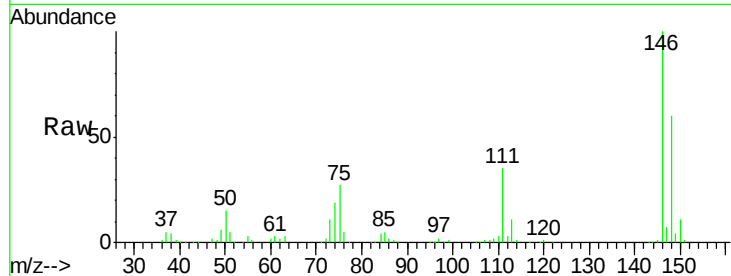
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	80974
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.2
148	60.9	32.6	97.7

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#84

1,4-Dichlorobenzene

Concen: 16.87 ug/l

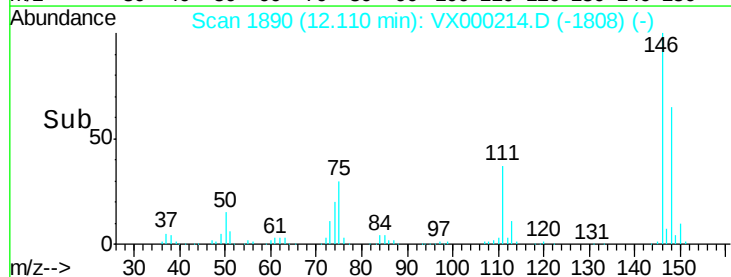
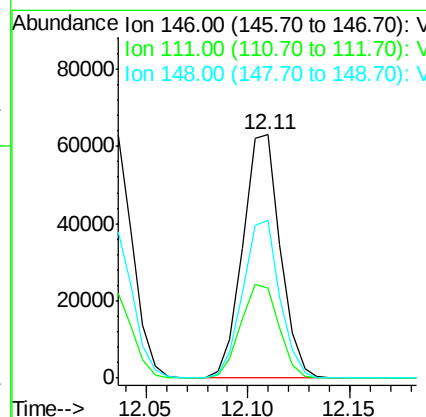
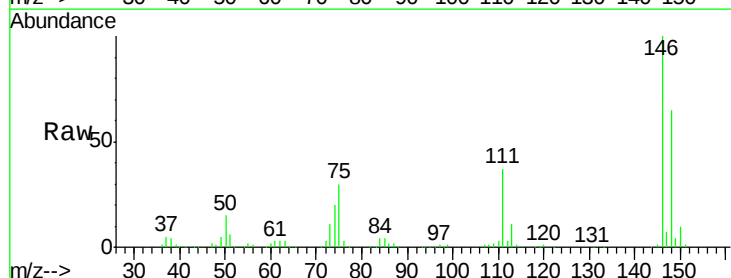
RT: 12.11 min Scan# 1890

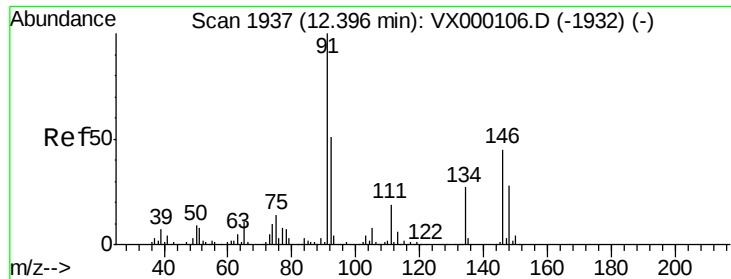
Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Tgt Ion:	146	Resp:	80250
Ion Ratio	Lower	Upper	
146	100		
111	39.3	18.4	55.0
148	64.0	31.9	95.7





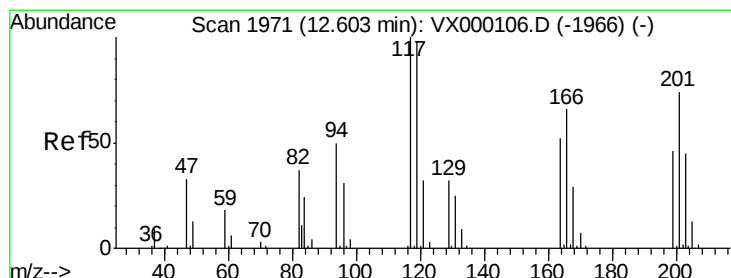
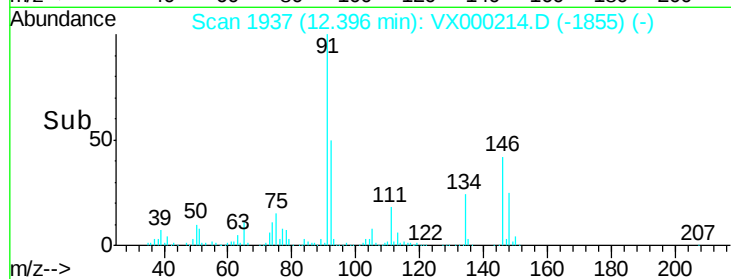
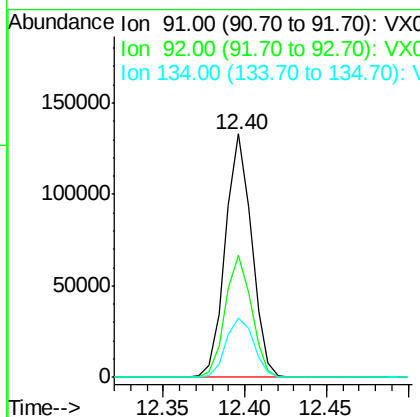
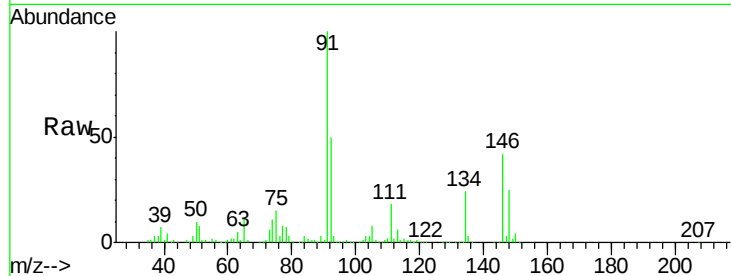
#85
n-Butylbenzene
Concen: 18.69 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	149155		
92	49.9	0.0	102.0	
134	25.8	0.0	54.2	

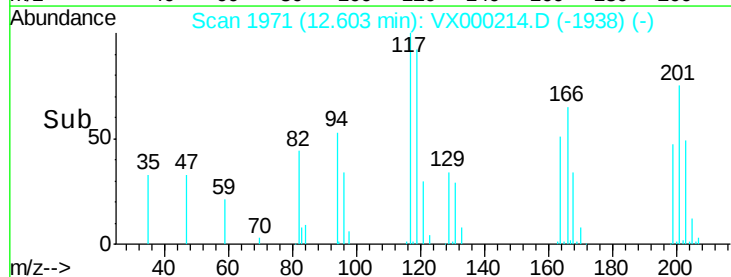
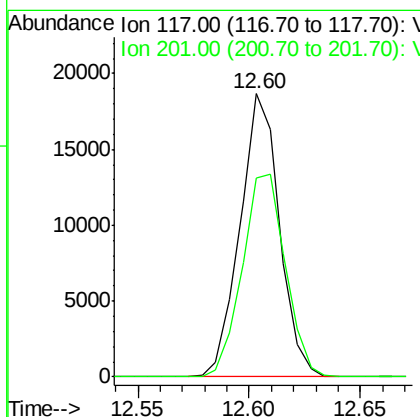
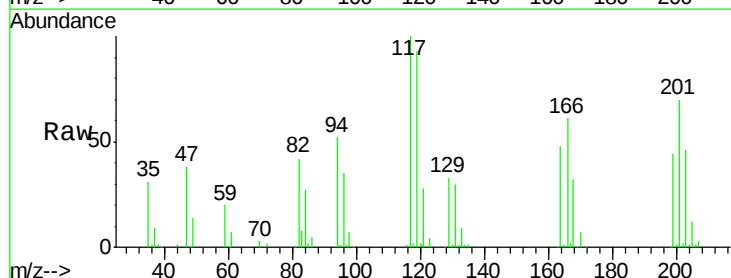
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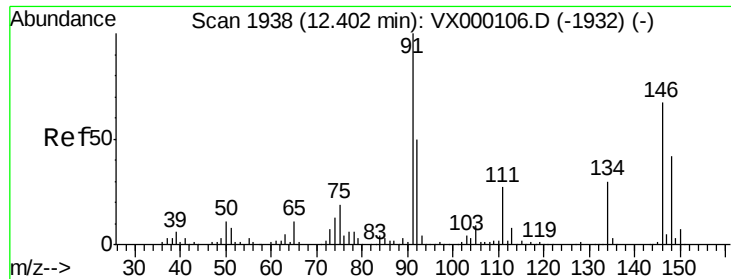
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#86
Hexachloroethane
Concen: 16.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23072		
201	78.3	38.9	116.6	





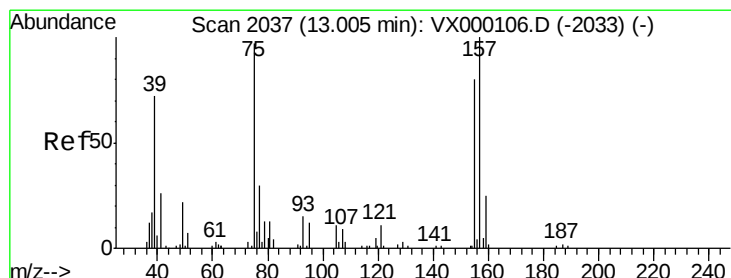
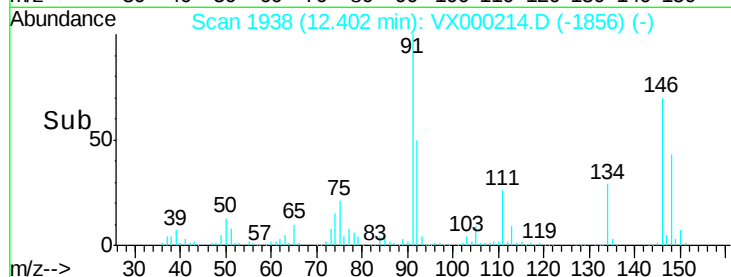
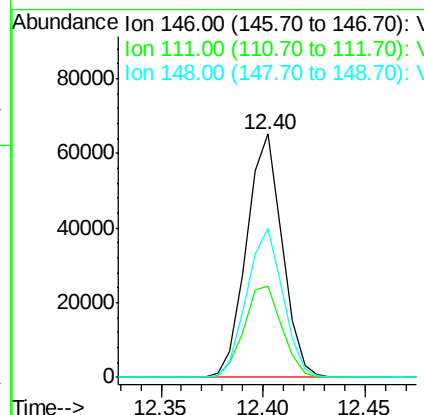
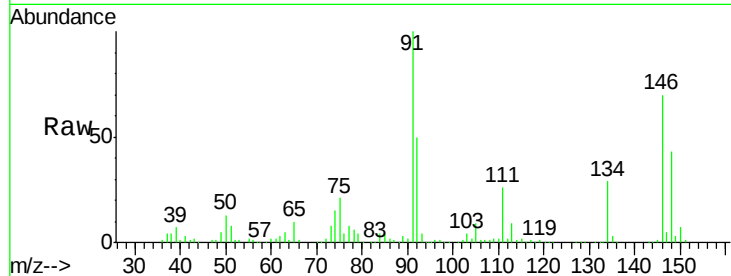
#87
 1,2-Dichlorobenzene
 Concen: 17.55 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	62.2	31.6	95.0

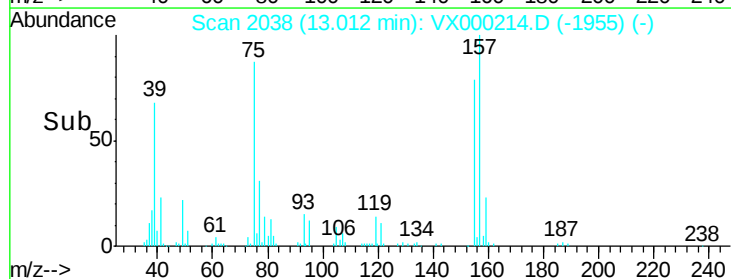
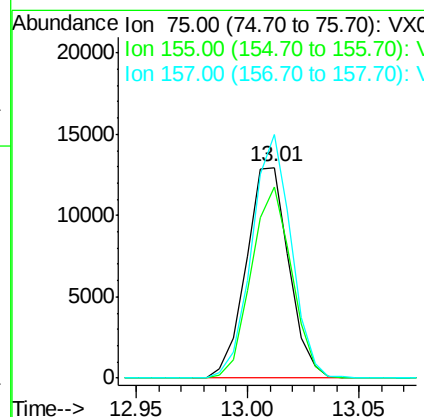
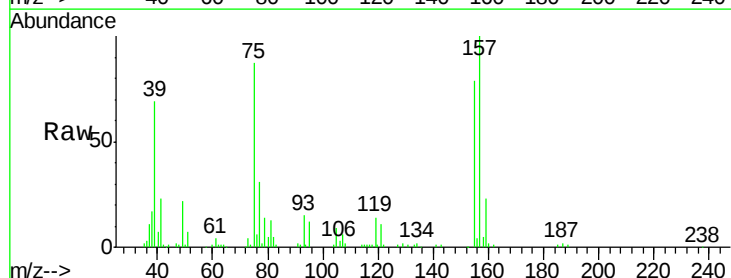
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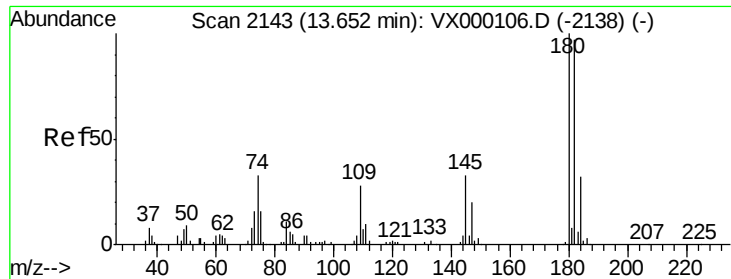
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.68 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	75.1	112.7
157	107.1	99.0	148.4





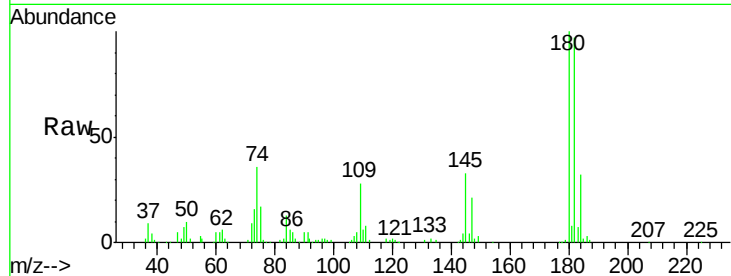
#89
1,2,4-Trichlorobenzene
Concen: 17.59 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

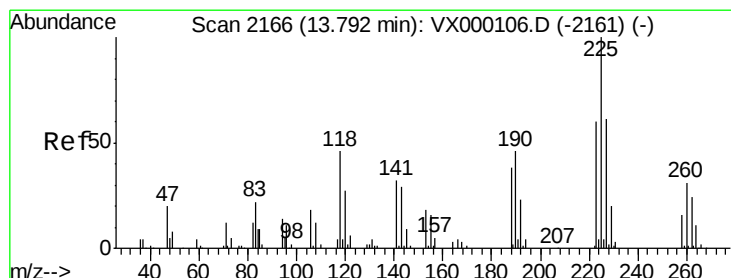
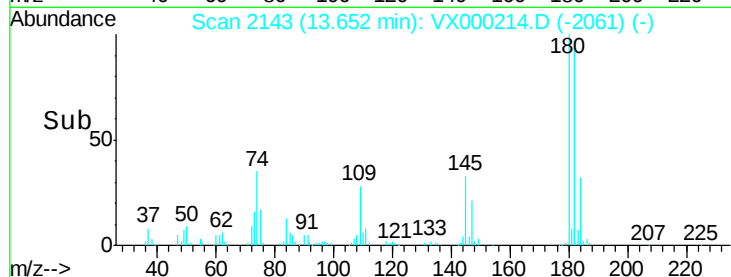
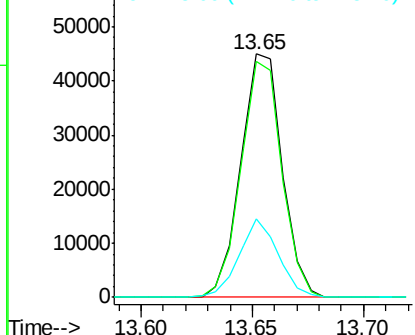
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	30.5	24.6	37.0

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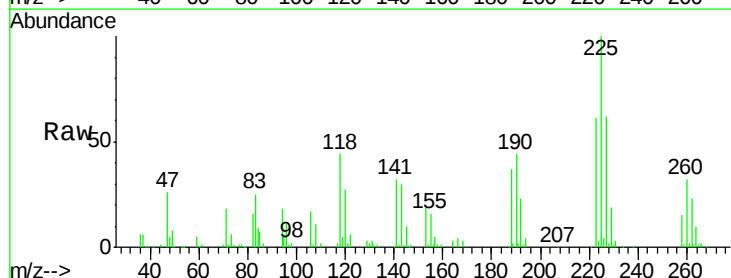


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

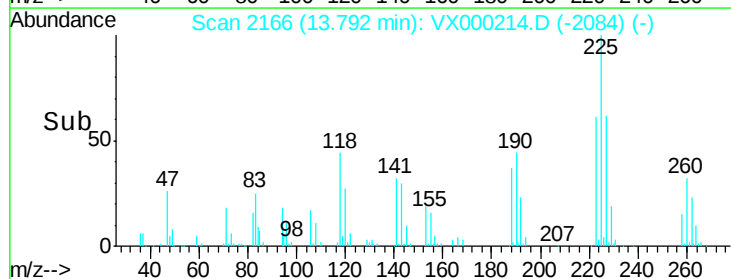
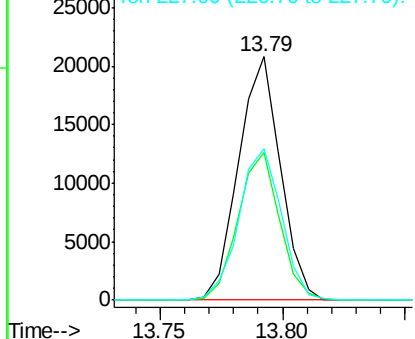


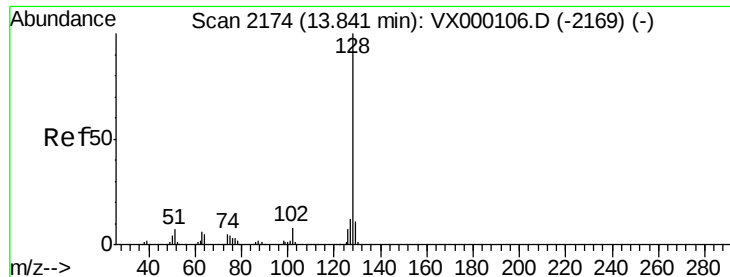
#90
Hexachlorobutadiene
Concen: 17.28 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	0.0	131.2
227	63.3	0.0	127.6



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





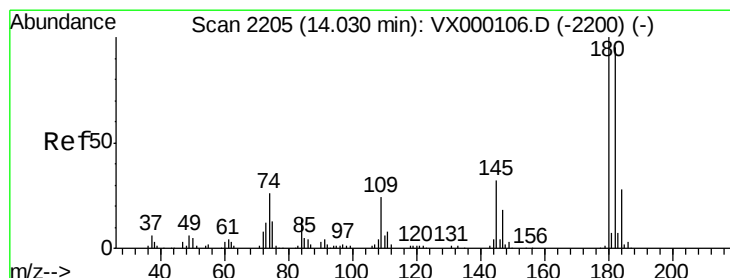
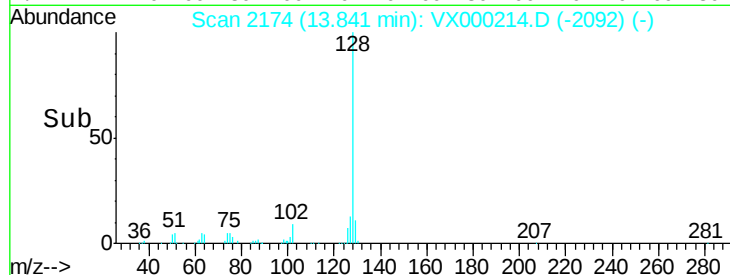
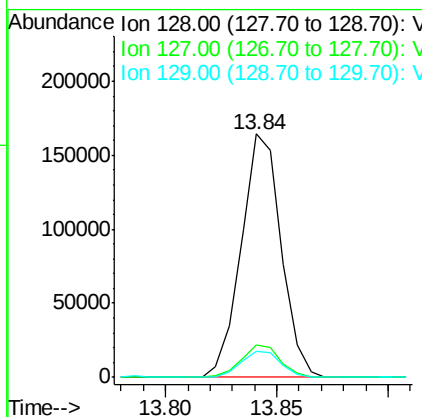
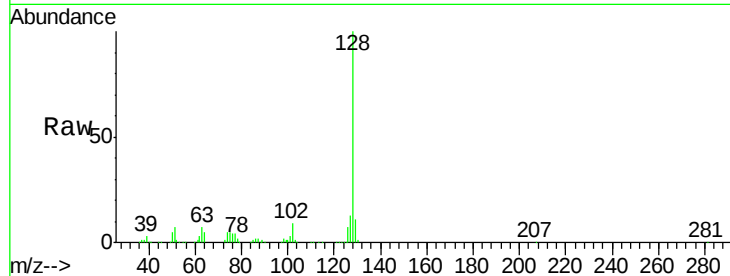
#91
Naphthalene
Concen: 17.73 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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

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#92
1,2,3-Trichlorobenzene
Concen: 17.49 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	188.6
145	31.4	0.0	65.8

