

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

Quant Time: Mar 08 15:48:45 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	11.824	ug/l 99
3) Chloromethane	1.32	50	17130	10.693	ug/l 96
4) Vinyl Chloride	1.41	62	20268	10.634	ug/l 97
5) Bromomethane	1.65	94	17320	9.861	ug/l 89
6) Chloroethane	1.73	64	14115	11.569	ug/l 89
7) Trichlorofluoromethane	1.94	101	42740	12.944	ug/l 98
8) Diethyl Ether	2.19	74	15909	13.797	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25248	14.015	ug/l 93
10) 1,1-Dichloroethene	2.38	96	19195	11.154	ug/l # 78
11) Methyl Iodide	2.52	142	16189	9.679	ug/l 95
12) Methyl Acetate	2.78	43	58053	18.879	ug/l 95
13) Acrolein	2.29	56	41354	111.753	ug/l 99
14) Acrylonitrile	3.15	53	112421	84.369	ug/l 98
15) Acetone	2.45	58	47050	108.303	ug/l 92
16) Carbon Disulfide	2.58	76	28089	5.707	ug/l # 91
17) Allyl chloride	2.73	41	41642	14.194	ug/l 93
18) Methylene Chloride	2.86	84	24265	12.940	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	21586	11.529	ug/l 98
20) Diisopropyl ether	3.87	45	88826	19.174	ug/l 95
21) 1,1-Dichloroethane	3.70	63	47401	15.524	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	24543	14.109	ug/l 94
23) tert-Butyl Alcohol	3.06	59	67191	88.218	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	93429	15.757	ug/l 98
25) Chloroform	5.22	83	48529	16.029	ug/l 97
26) Cyclohexane	5.58	56	27730	11.582	ug/l # 98
29) 1,1-Dichloropropene	5.81	75	30548	13.893	ug/l 98
30) 2-Butanone	4.71	43	170067	100.485	ug/l 99
31) 2,2-Dichloropropane	4.60	77	37642	15.916	ug/l 100
32) 1,1,1-Trichloroethane	5.51	97	41611	15.641	ug/l 98
33) Carbon Tetrachloride	5.79	117	34344	14.538	ug/l 97
34) Benzene	6.15	78	92901	14.683	ug/l 92
35) Methacrylonitrile	5.07	41	27557	17.684	ug/l 88
36) 1,2-Dichloroethane	6.20	62	39925	16.641	ug/l # 91
37) Trichloroethene	7.22	130	26981	14.428	ug/l 97
38) Methylcyclohexane	7.46	83	33210	12.600	ug/l 96
39) 1,2-Dichloropropane	7.52	63	27683	17.526	ug/l 92
40) Dibromomethane	7.67	93	20741	17.043	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	39160	16.929	ug/l	94
42) Vinyl Acetate	3.83	43	403351	93.502	ug/l	98
43) Ethyl Acetate	4.87	43	49195	16.548	ug/l	97
44) Isopropyl Acetate	6.48	43	77621	17.796	ug/l	98
45) 1,4-Dioxane	7.76	88	17035	310.535	ug/l	97
46) Methyl methacrylate	7.79	41	37110	17.492	ug/l	94
47) n-amyl Acetate	10.91	43	70283	18.456	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	43783	16.259	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	45365	17.311	ug/l	94
50) 1,1,2-Trichloroethane	9.23	97	31399	17.571	ug/l	98
51) Ethyl methacrylate	9.19	69	47263	17.264	ug/l	95
52) 1,3-Dichloropropane	9.38	76	50485	17.614	ug/l	99
53) Dibromochloromethane	9.59	129	33775	16.988	ug/l	100
54) 1,2-Dibromoethane	9.68	107	32386	16.261	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	166404	139.201	ug/l	99
56) Bromoform	10.87	173	25849	16.054	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	318907	97.319	ug/l	98
59) 2-Hexanone	9.51	43	278923	100.519	ug/l	98
61) Tetrachloroethene	9.34	164	25275	13.914	ug/l	96
62) Toluene	8.79	91	117009	15.032	ug/l	99
64) Chlorobenzene	10.15	112	84358	16.038	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	30750	16.504	ug/l	98
66) Ethyl Benzene	10.26	91	141183	15.890	ug/l	97
67) m/p-Xylenes	10.37	106	109735	31.505	ug/l	100
68) o-Xylene	10.71	106	54703	16.169	ug/l	99
69) Styrene	10.72	104	92974	16.590	ug/l	99
70) Isopropylbenzene	11.02	105	151987	16.619	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	58821	18.692	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	69402	24.588	ug/l	84
73) Bromobenzene	11.26	156	38988	16.261	ug/l	94
74) n-propylbenzene	11.37	91	186629	17.410	ug/l	98
75) 2-Chlorotoluene	11.43	91	107127	17.383	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	131439	16.959	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	16610	16.641	ug/l	96
78) 4-Chlorotoluene	11.52	91	129179	17.496	ug/l	98
79) tert-butylbenzene	12.07	119	149435	19.372	ug/l	96
80) 1,2,4-Trimethylbenzene	11.82	105	136638	17.283	ug/l	98
81) sec-Butylbenzene	11.96	105	172213	18.059	ug/l	97
82) p-Isopropyltoluene	12.07	119	149435	17.566	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	80974	17.739	ug/l	96
84) 1,4-Dichlorobenzene	12.11	146	80250	16.868	ug/l	98
85) n-Butylbenzene	12.40	91	149155	18.694	ug/l	98
86) Hexachloroethane	12.60	117	23072	16.236	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	79410	17.555	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	17316	19.679	ug/l	88
89) 1,2,4-Trichlorobenzene	13.65	180	58438	17.590	ug/l	99
90) Hexachlorobutadiene	13.79	225	24727	17.275	ug/l	96
91) Naphthalene	13.84	128	205818	17.728	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	58414	17.489	ug/l	99

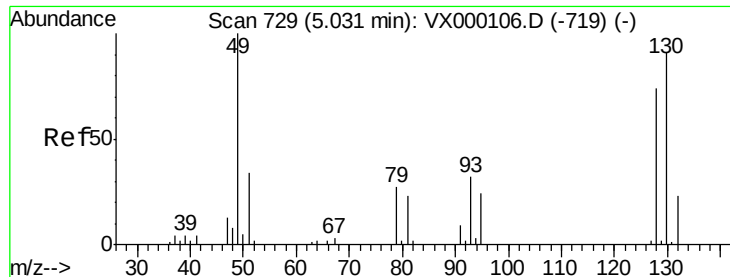
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 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

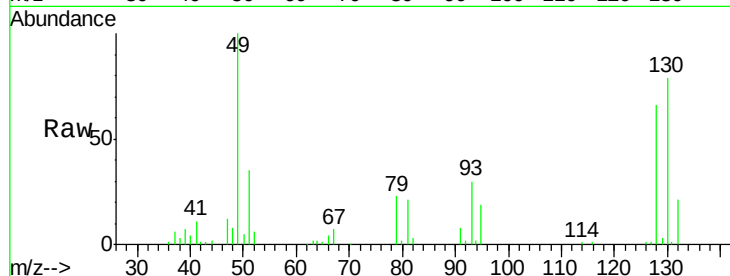
Tot Ion:128 Resp: 25754

Ion Ratio Lower Upper

128 100

49 156.2 0.0 378.3

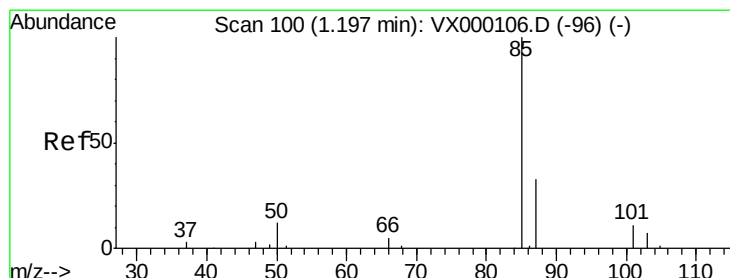
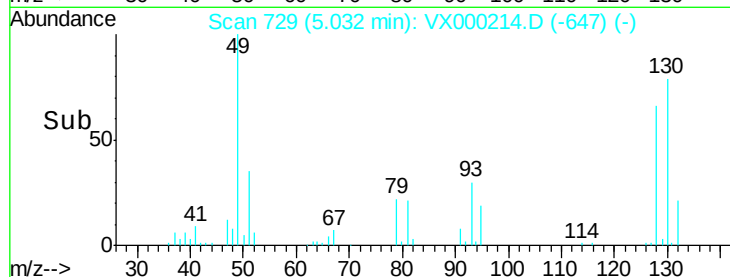
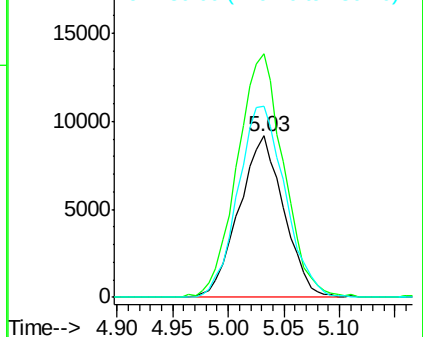
130 124.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 11.824 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000214.D

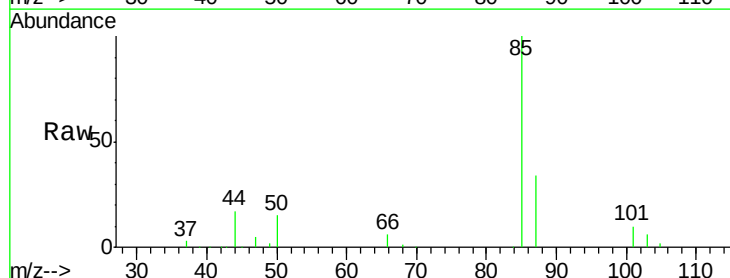
Acq: 08 Mar 2018 09:45

Tgt Ion: 85 Resp: 18898

Ion Ratio Lower Upper

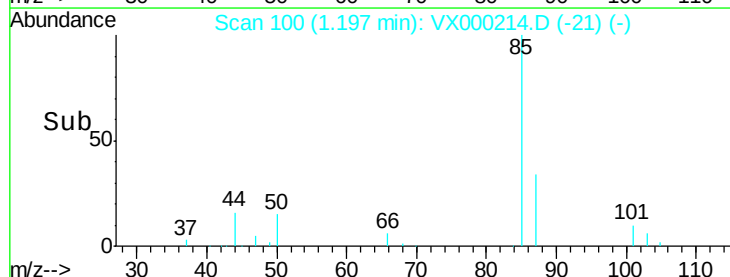
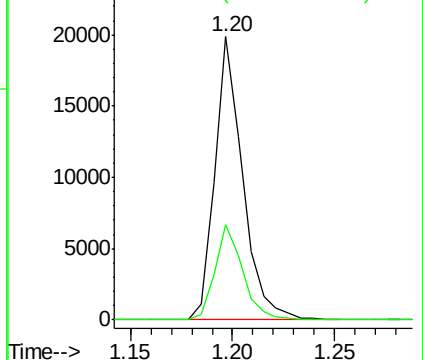
85 100

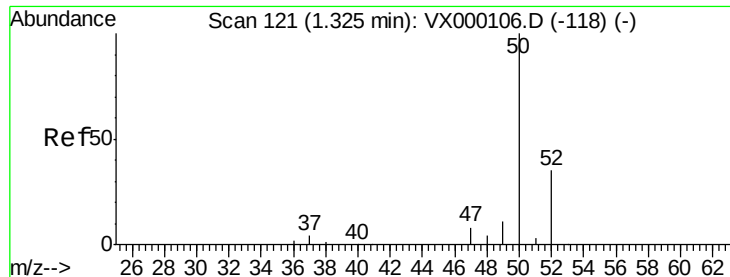
87 33.6 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 10.693 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

ClientSampleId :

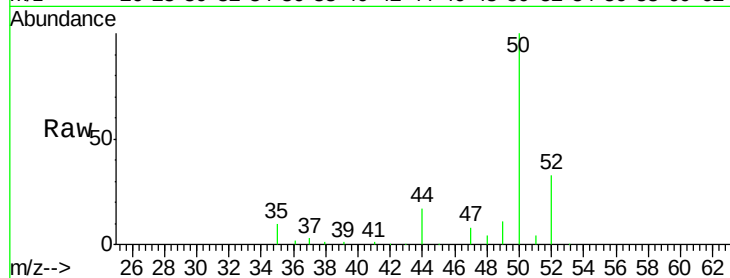
VSTDCCC020

Tot Ion: 50 Resp: 17130

Ion Ratio Lower Upper

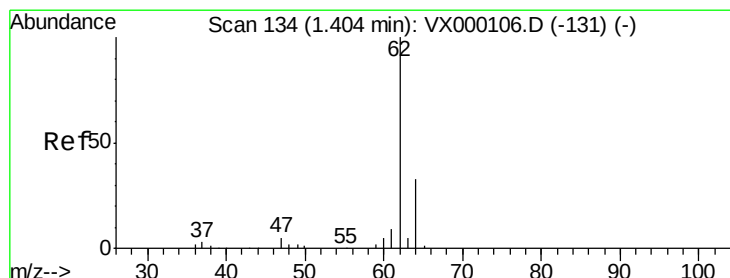
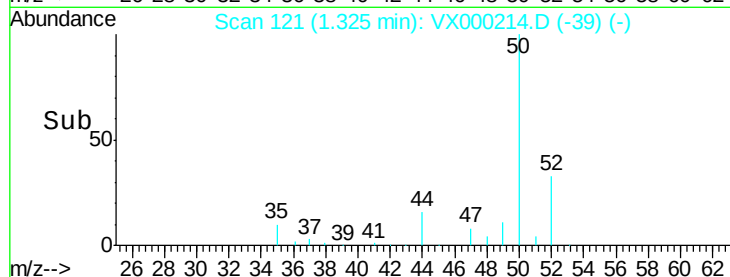
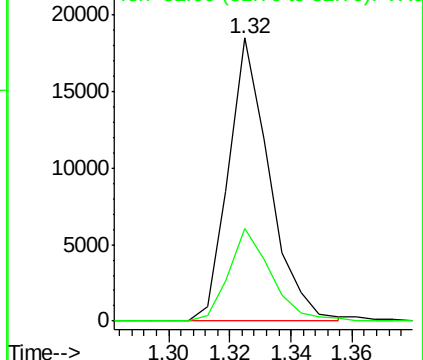
50 100

52 32.2 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 10.634 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000214.D

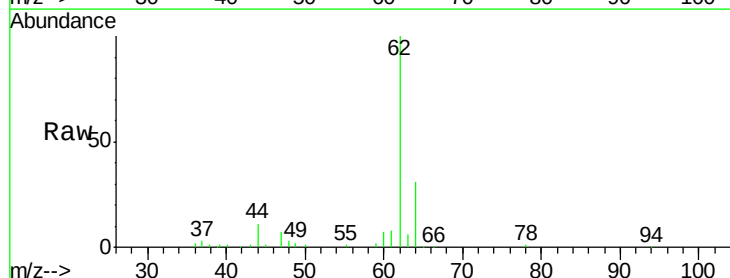
Acq: 08 Mar 2018 09:45

Tgt Ion: 62 Resp: 20268

Ion Ratio Lower Upper

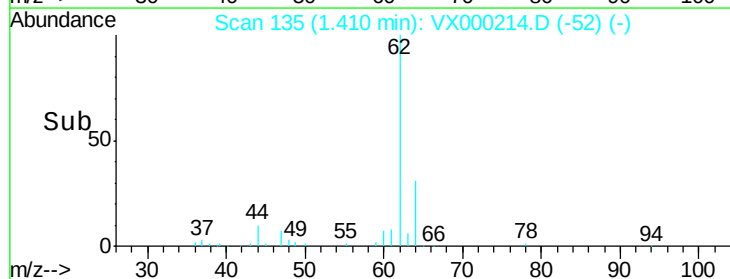
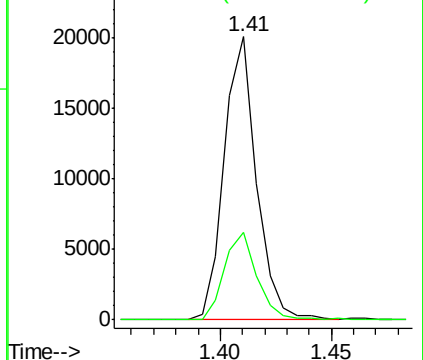
62 100

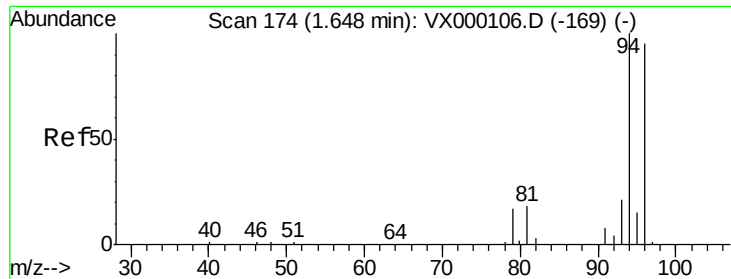
64 30.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

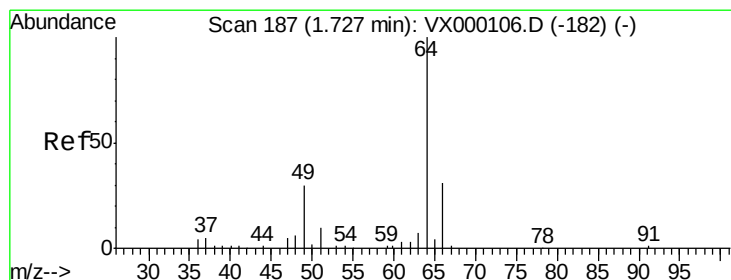
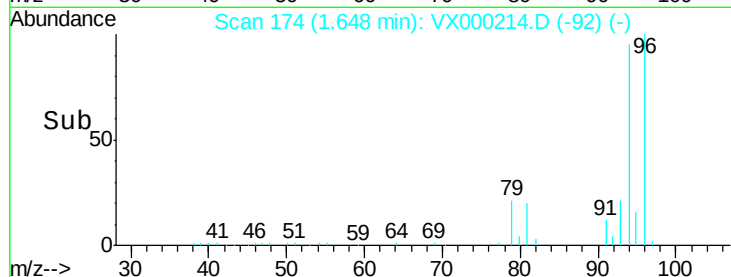
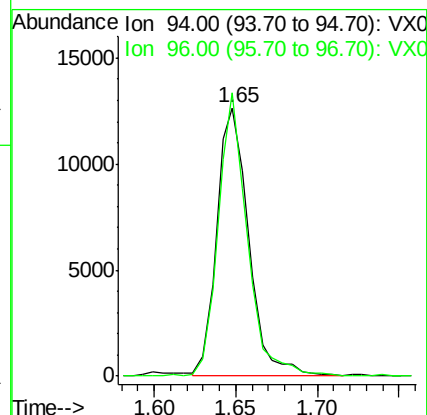
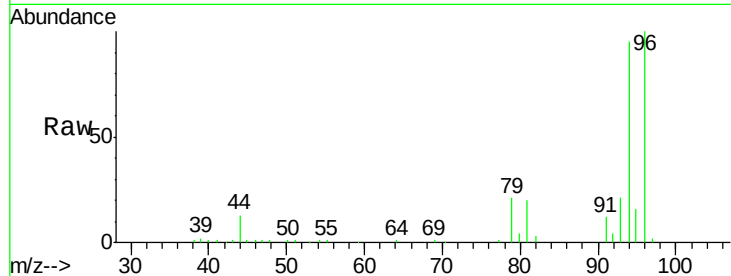




#5
Bromomethane
Concen: 9.861 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

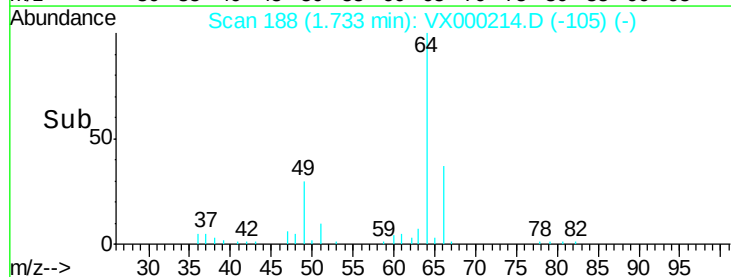
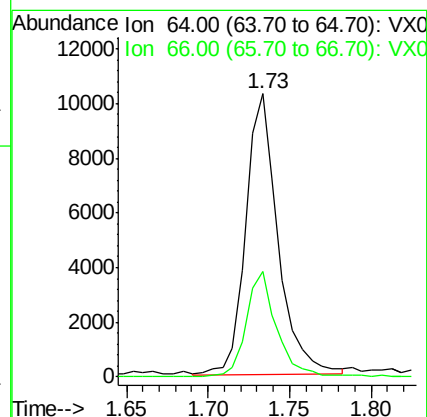
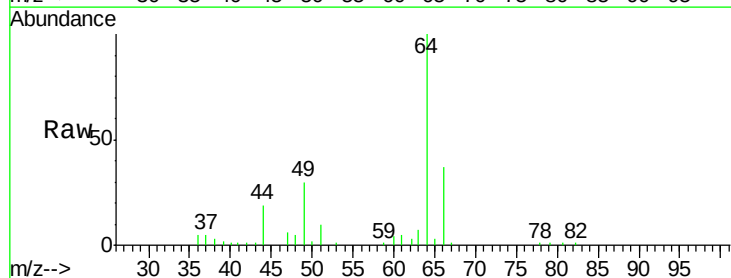
Instrument :
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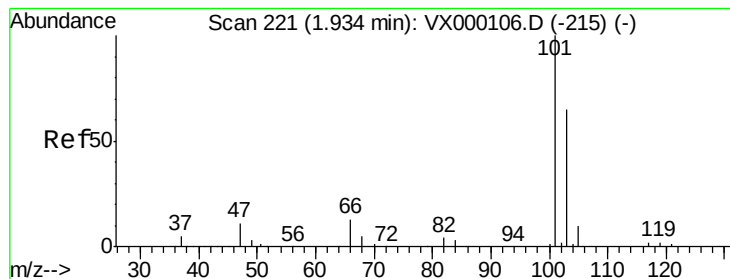
Tot Ion: 94 Resp: 17320
Ion Ratio Lower Upper
94 100
96 105.4 76.2 114.2



#6
Chloroethane
Concen: 11.569 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



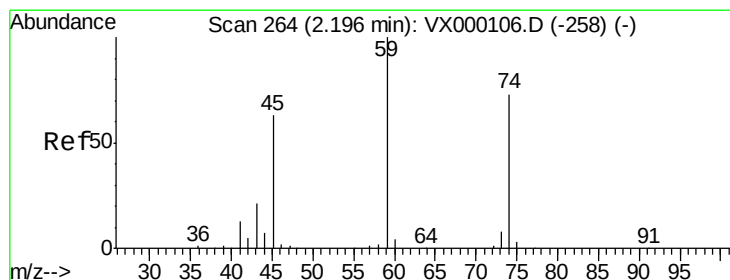
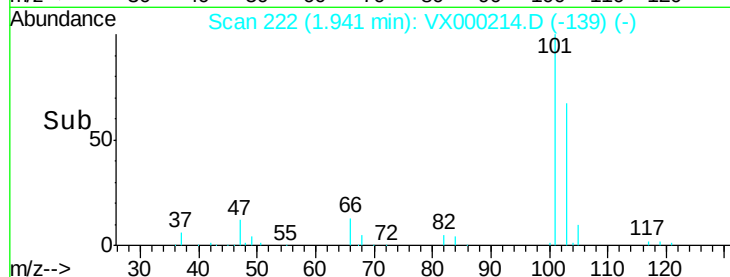
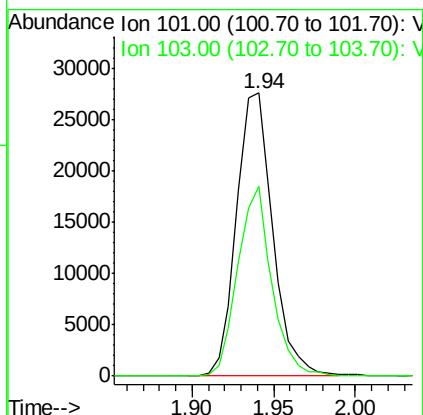
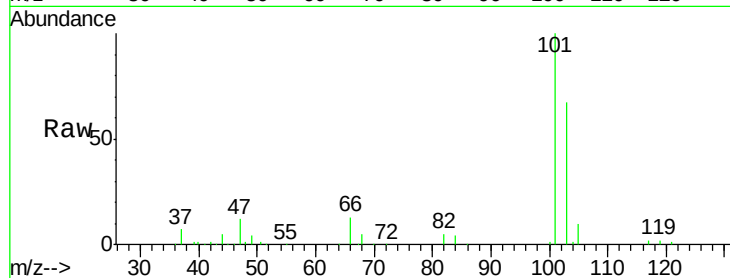


#7

Trichlorofluoromethane
Concen: 12.944 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000214.D
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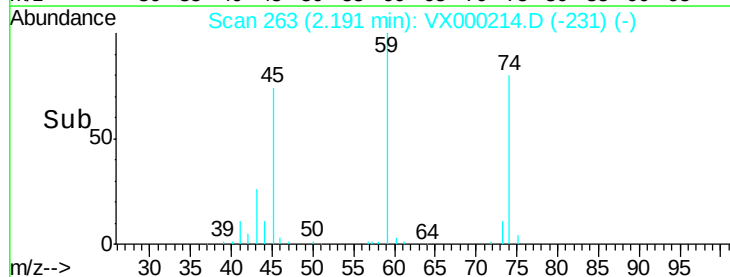
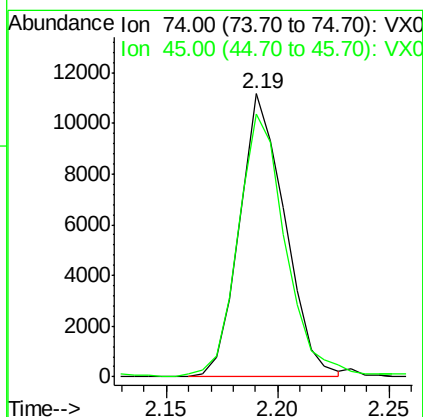
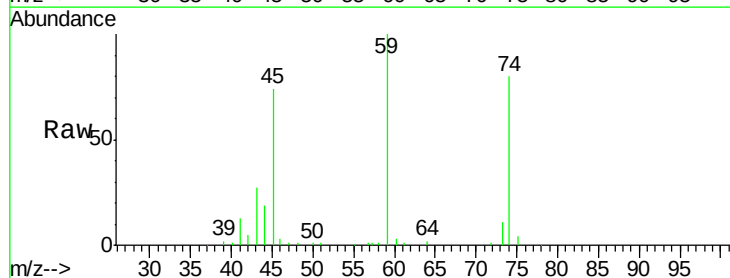
Tot Ion:101 Resp: 42740
Ion Ratio Lower Upper
101 100
103 67.3 52.2 78.4

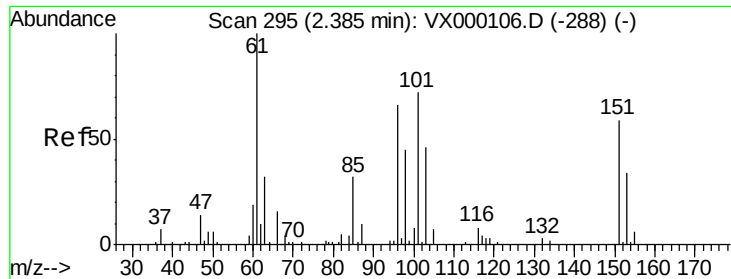


#8

Diethyl Ether
Concen: 13.797 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: 14.015 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 :

MSVOA_X

ClientSampleId :

VSTDCCC020

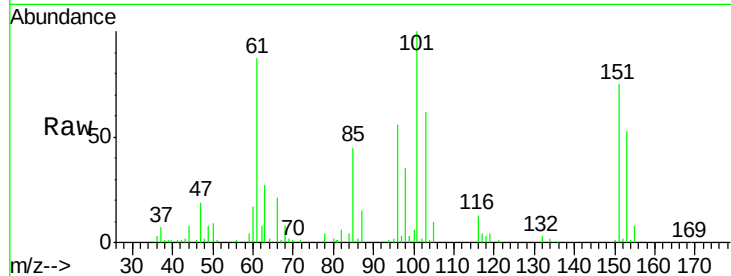
Tot Ion:101 Resp: 25248

Ion Ratio Lower Upper

101 100

85 50.0 0.0 90.4

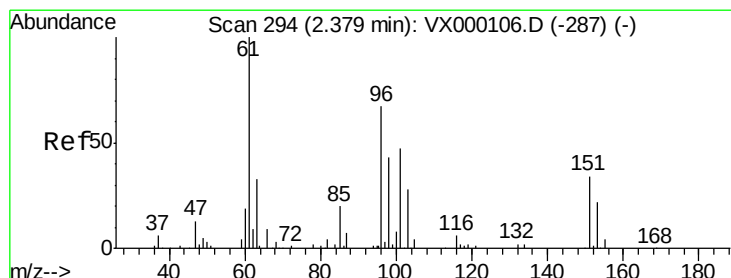
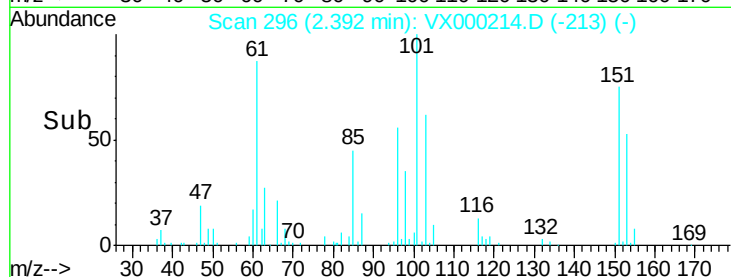
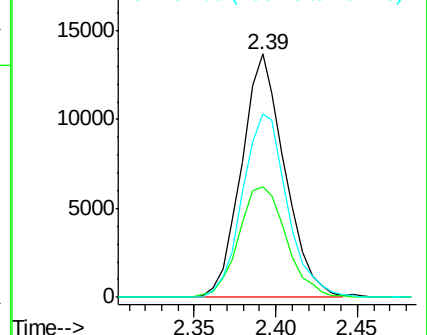
151 78.2 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 11.154 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

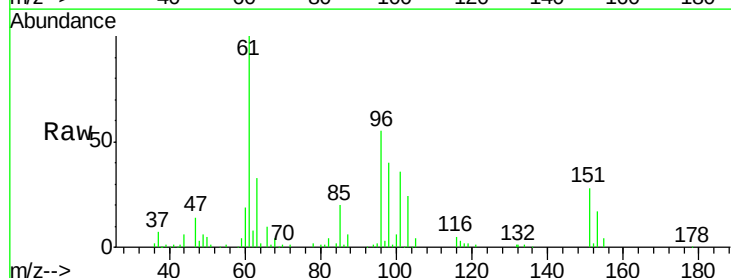
Tgt Ion: 96 Resp: 19195

Ion Ratio Lower Upper

96 100

61 182.4 118.6 178.0#

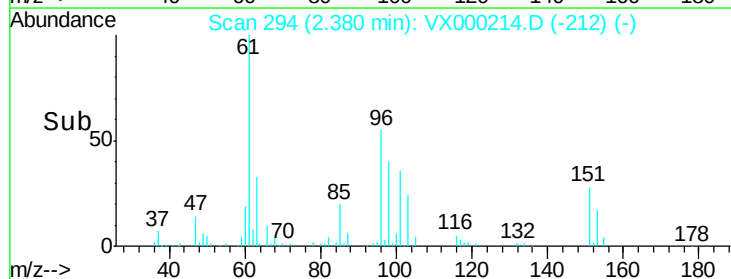
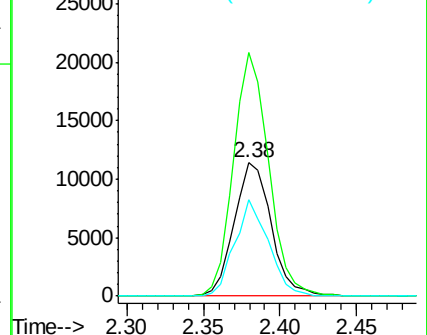
98 72.6 51.0 76.6

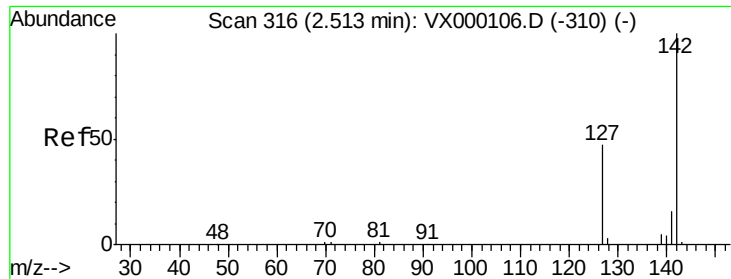


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

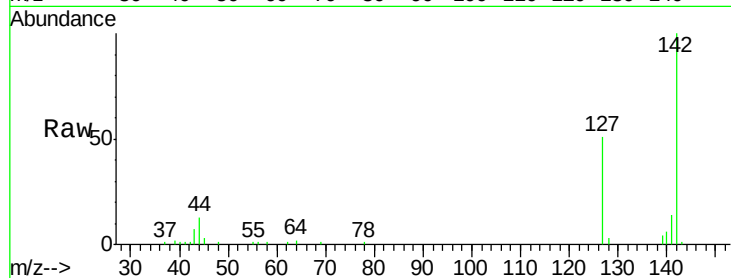




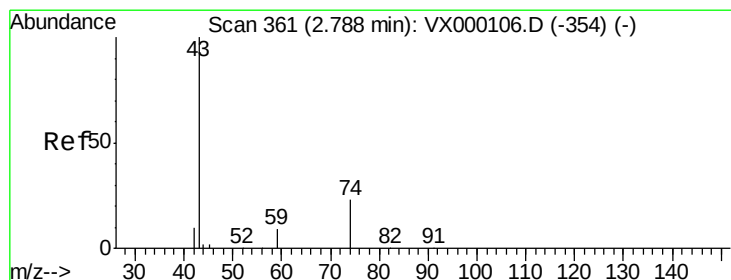
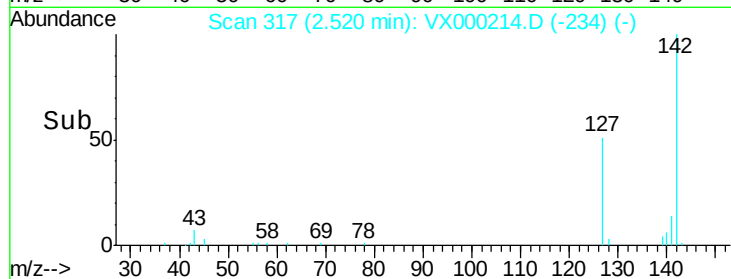
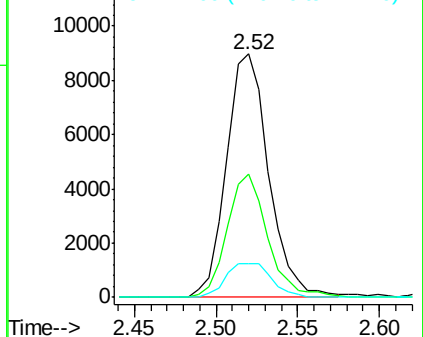
#11
Methyl Iodide
Concen: 9.679 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:142 Resp: 16189
Ion Ratio Lower Upper
142 100
127 50.8 23.8 71.5
141 13.7 8.2 24.4

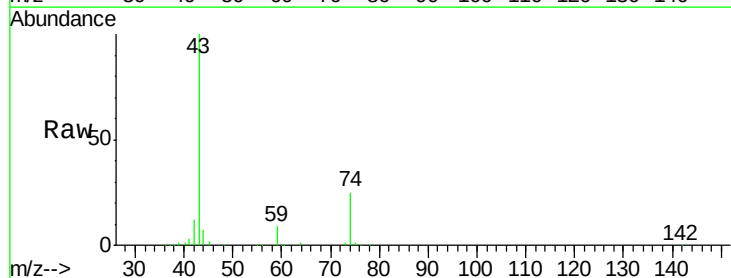


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

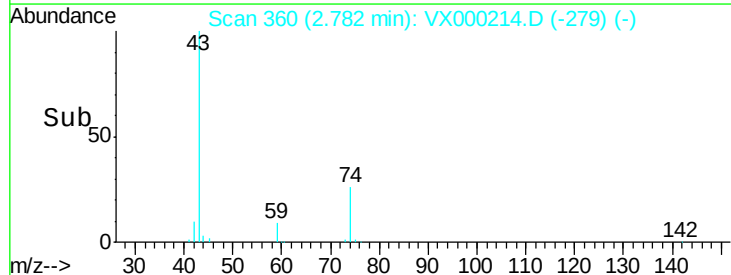
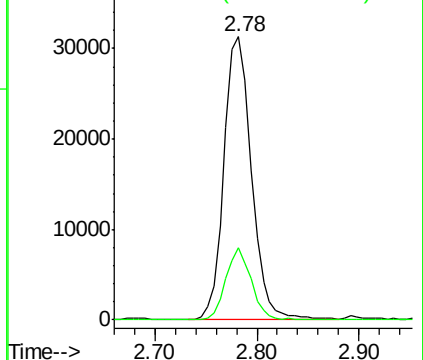


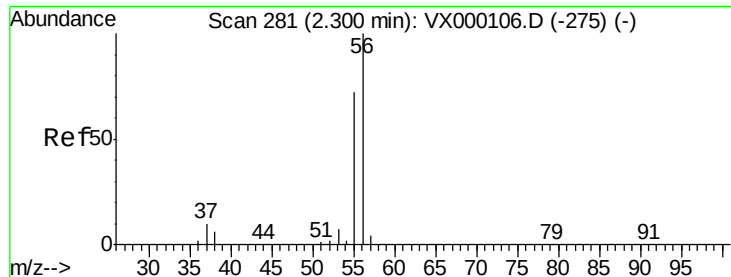
#12
Methyl Acetate
Concen: 18.879 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion: 43 Resp: 58053
Ion Ratio Lower Upper
43 100
74 25.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 111.753 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 :

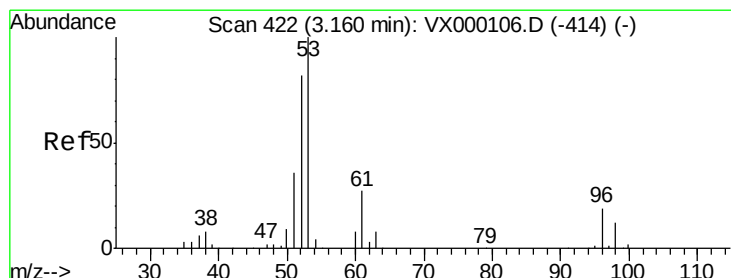
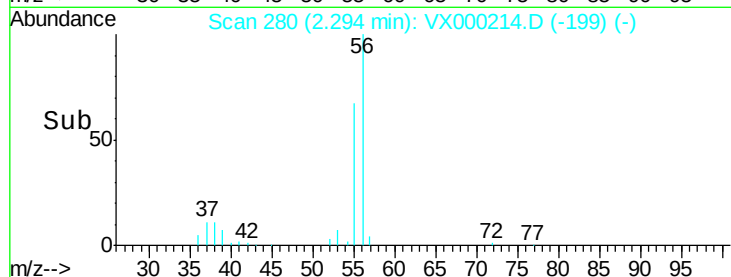
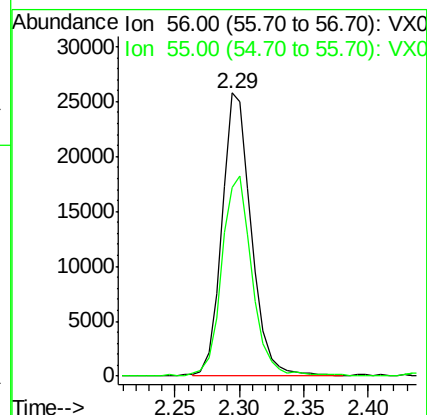
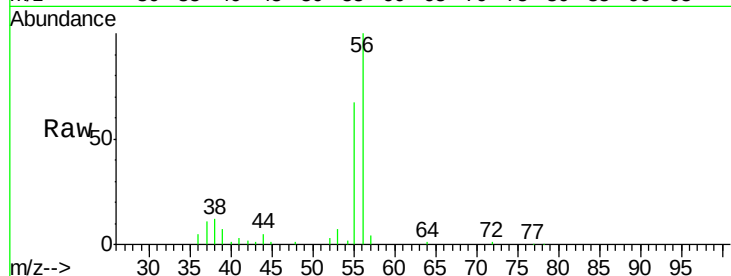
VSTDCCC020

Tot Ion: 56 Resp: 41354

Ion Ratio Lower Upper

56 100

55 71.0 57.3 85.9



#14

Acrylonitrile

Concen: 84.369 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

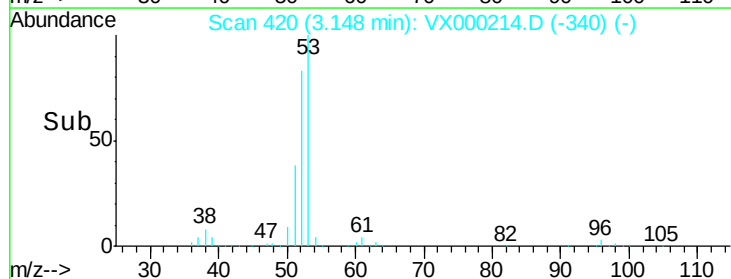
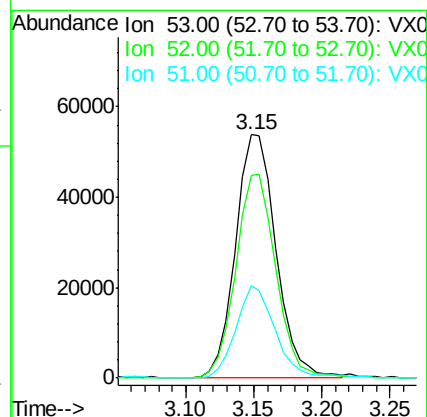
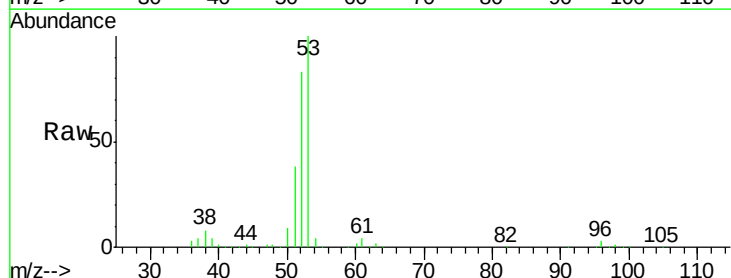
Tgt Ion: 53 Resp: 112421

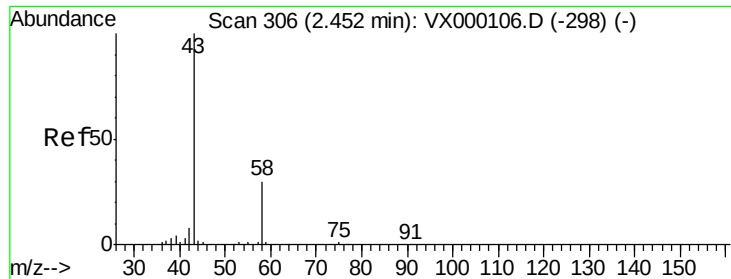
Ion Ratio Lower Upper

53 100

52 81.9 41.9 125.8

51 35.9 18.8 56.3





#15

Acetone

Concen: 108.303 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 :

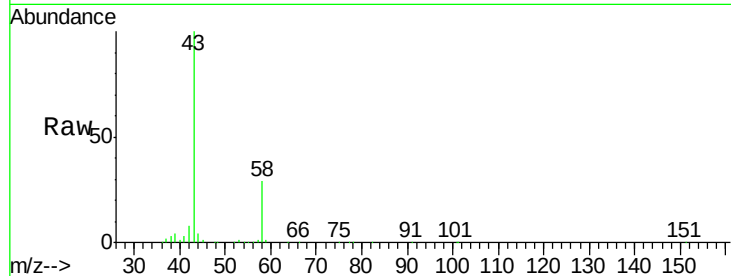
VSTDCCC020

Tot Ion: 58 Resp: 47050

Ion Ratio Lower Upper

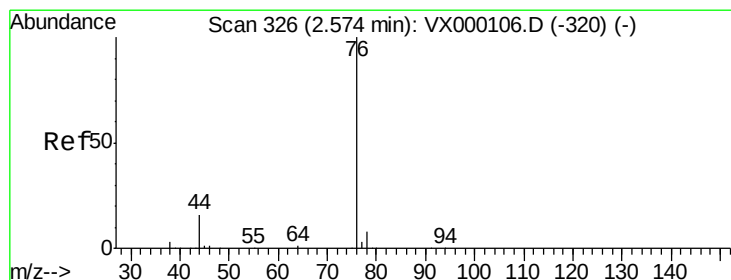
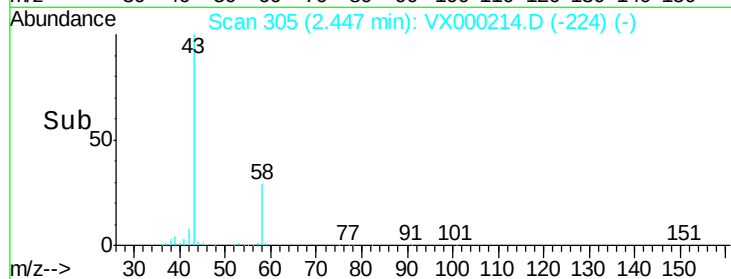
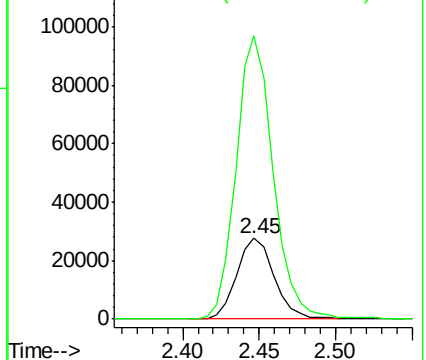
58 100

43 348.1 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 5.707 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000214.D

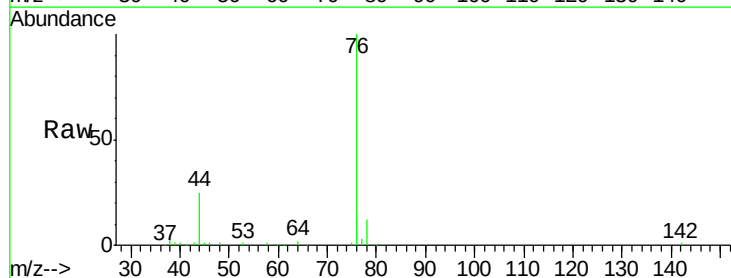
Acq: 08 Mar 2018 09:45

Tgt Ion: 76 Resp: 28089

Ion Ratio Lower Upper

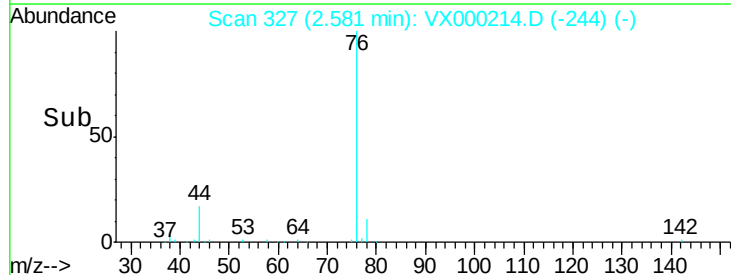
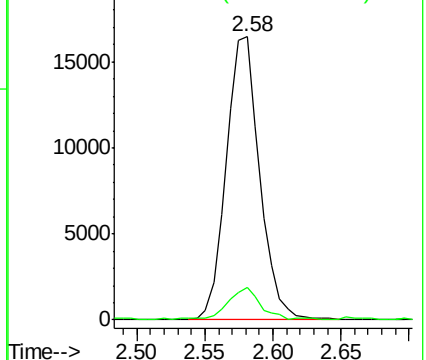
76 100

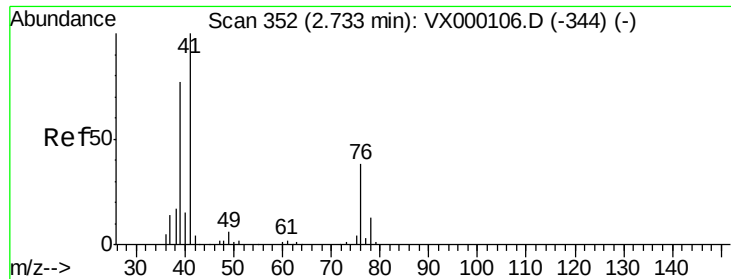
78 11.6 6.8 10.2#



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

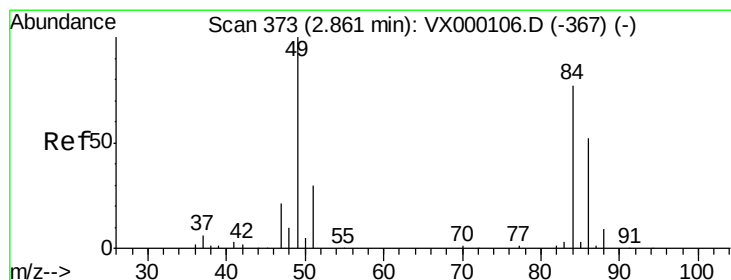
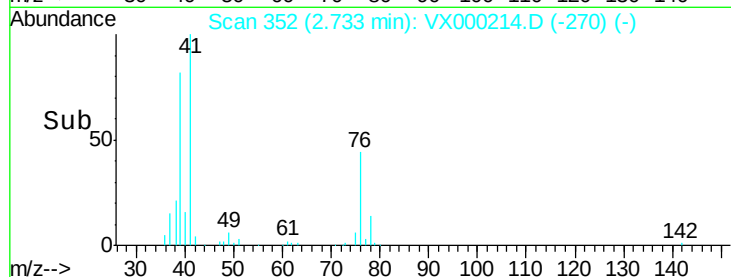
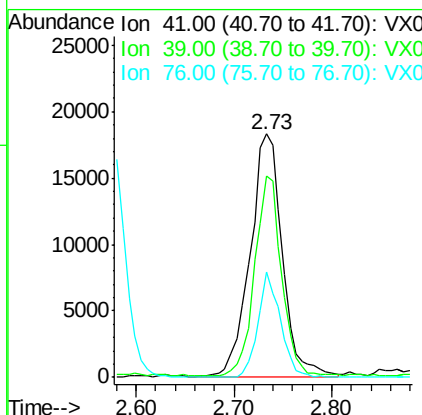
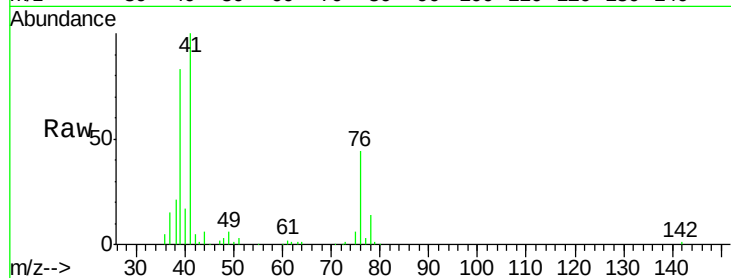




#17
Allvl chloride
Concen: 14.194 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

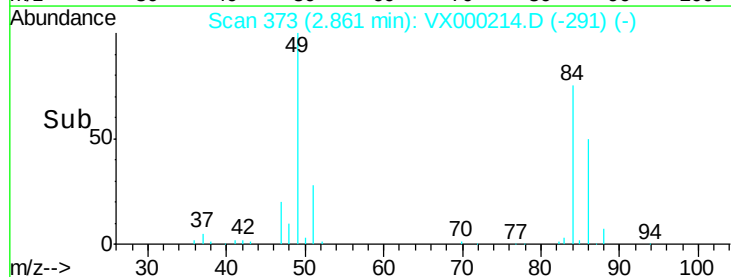
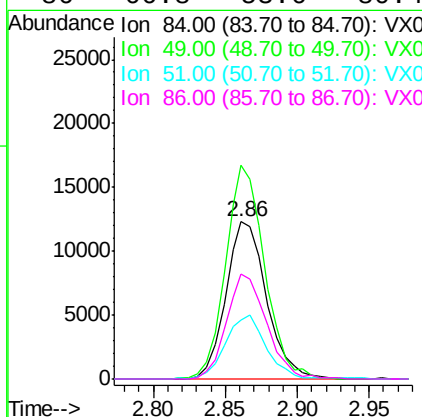
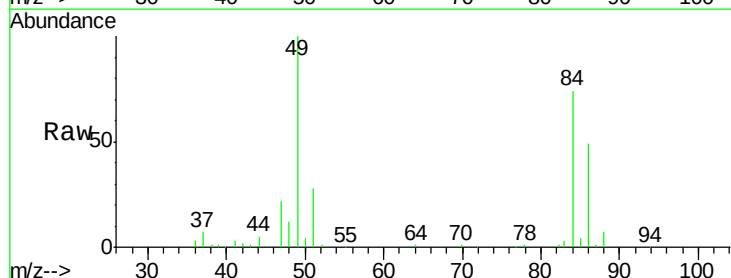
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

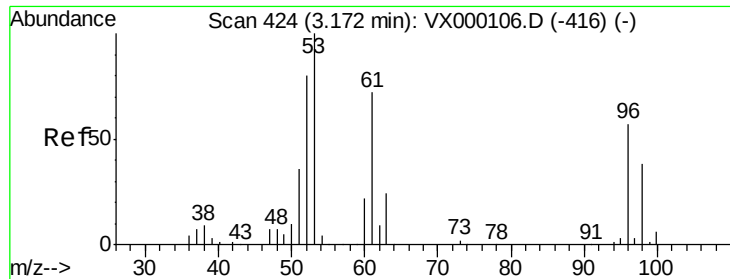
Tot Ion: 41 Resp: 41642
Ion Ratio Lower Upper
41 100
39 82.1 38.5 115.5
76 43.7 18.7 56.1



#18
Methylene Chloride
Concen: 12.940 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: 84 Resp: 24265
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

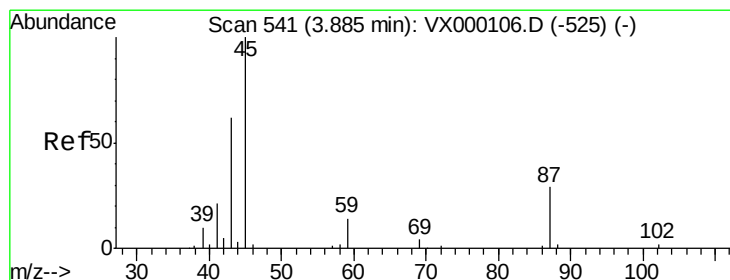
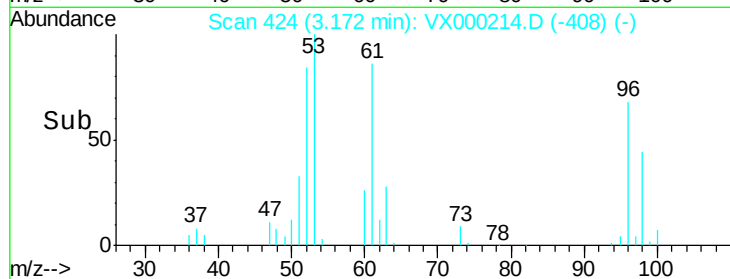
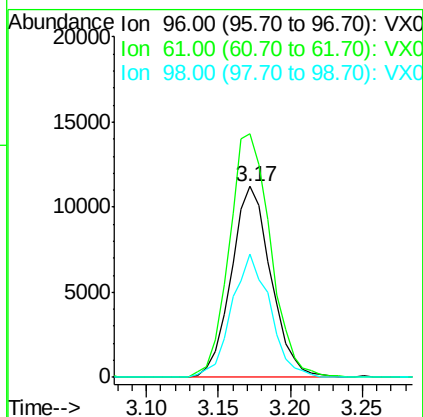
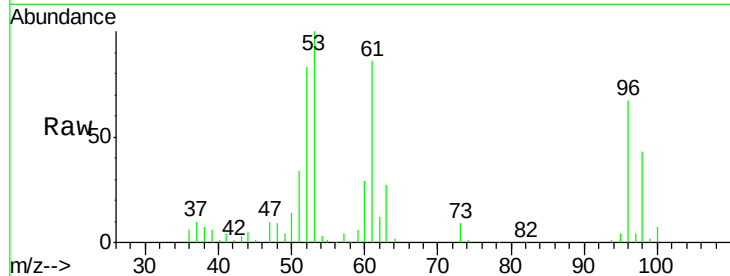




#19
trans-1,2-Dichloroethene
Concen: 11.529 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

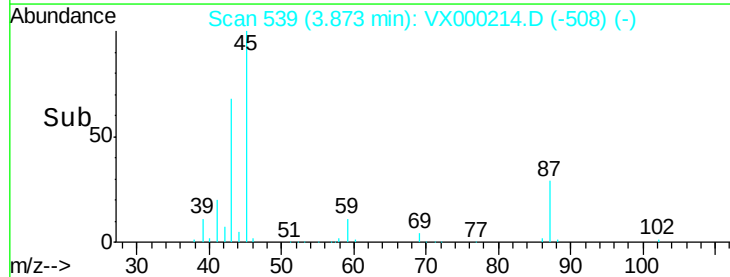
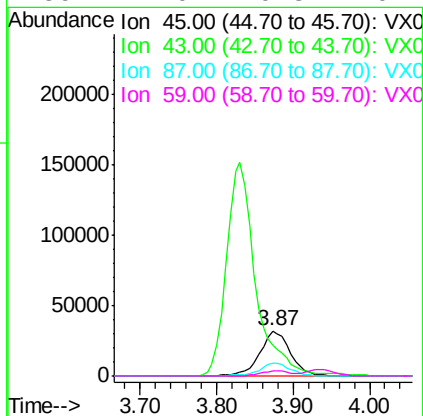
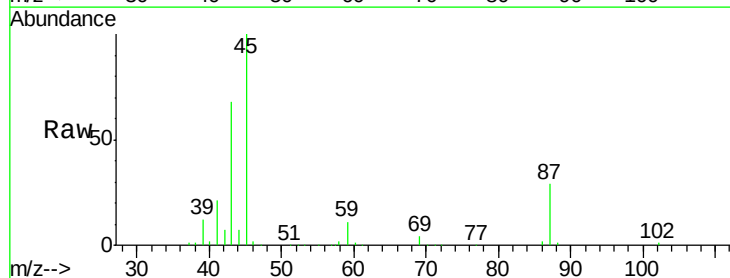
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

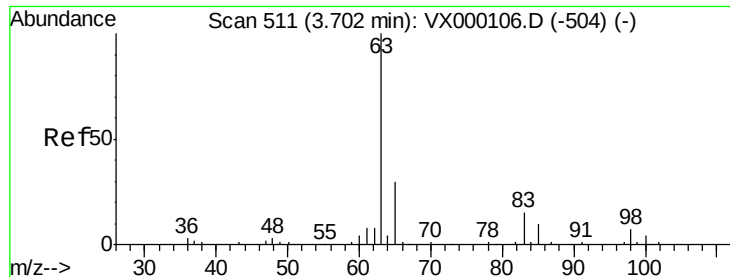
Tot Ion: 96 Resp: 21586
Ion Ratio Lower Upper
96 100
61 127.7 101.0 151.6
98 64.5 53.3 79.9



#20
Diisopropyl ether
Concen: 19.174 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: 45 Resp: 88826
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: 15.524 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

ClientSampleId :

VSTDCCC020

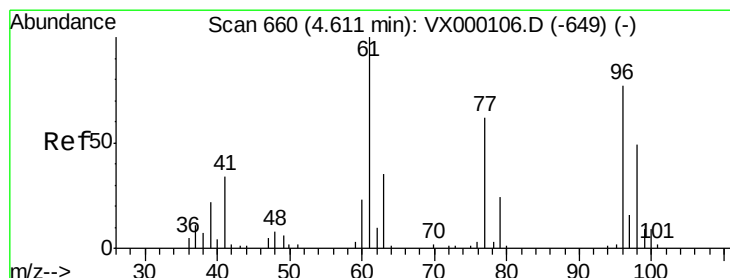
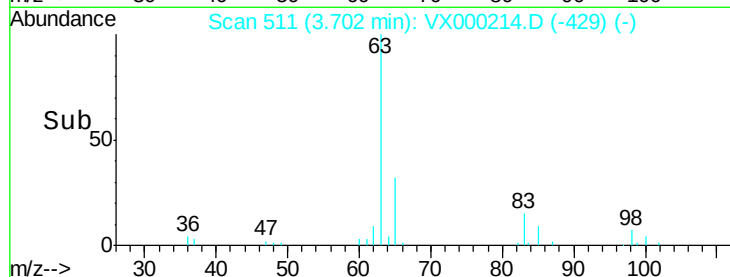
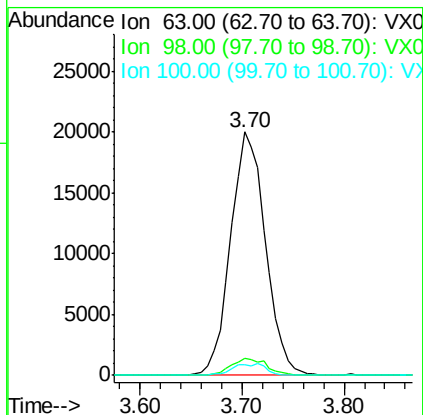
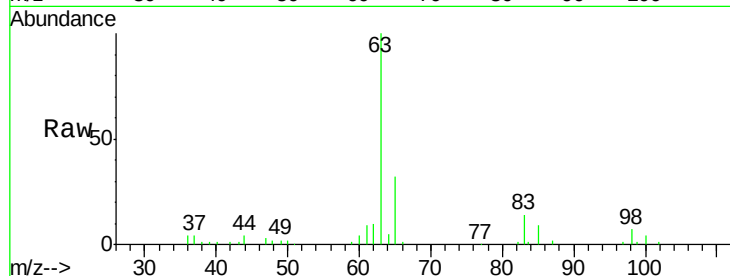
Tot Ion: 63 Resp: 47401

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.2 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 14.109 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

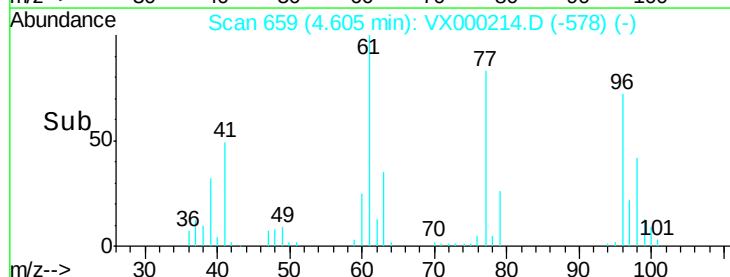
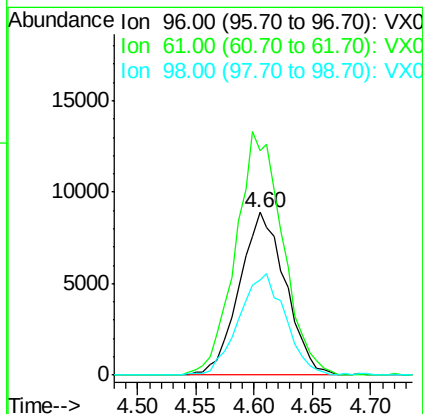
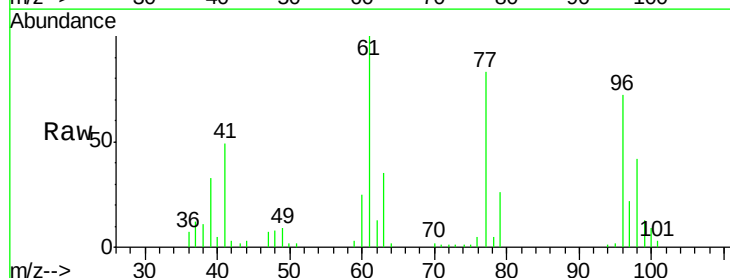
Tgt Ion: 96 Resp: 24543

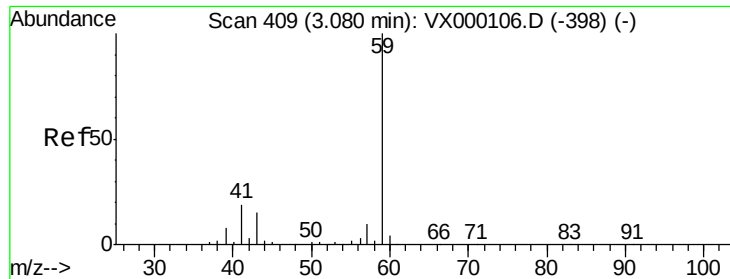
Ion Ratio Lower Upper

96 100

61 152.1 113.5 170.3

98 63.1 51.8 77.8



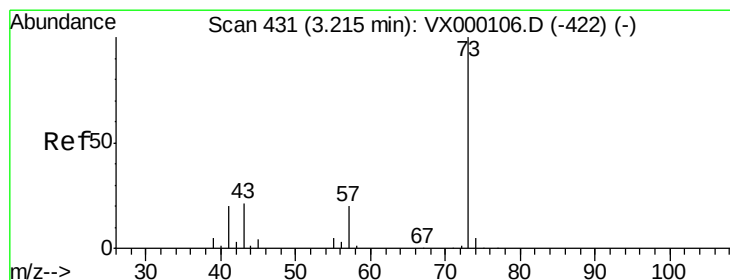
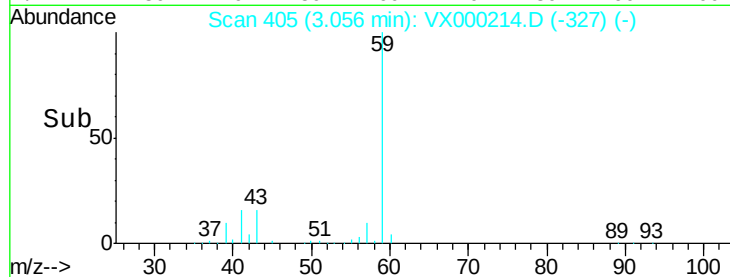
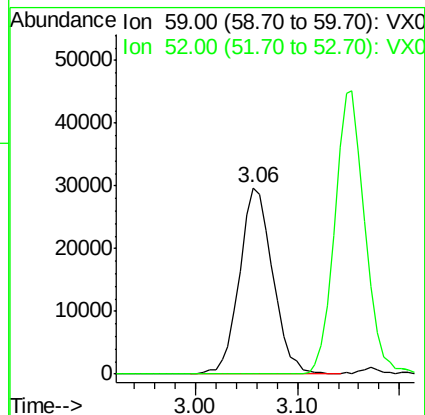
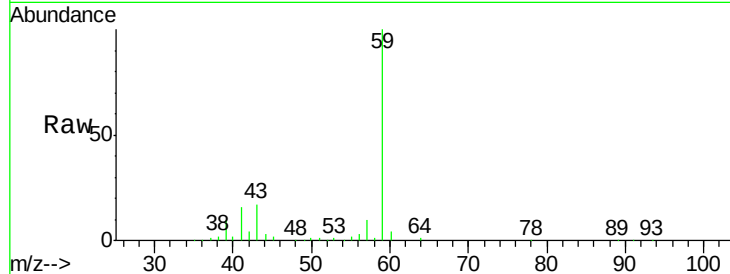


#23

tert-Butyl Alcohol
 Concen: 88.218 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
 ClientSampleId :
 VSTDCCC020

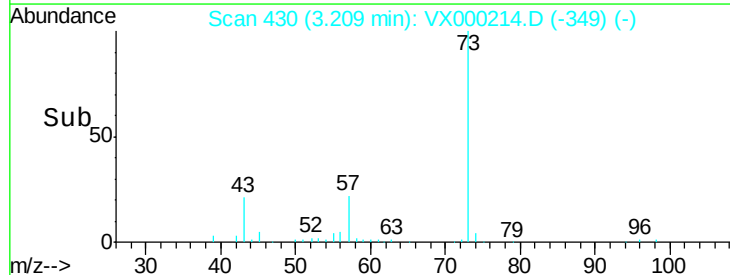
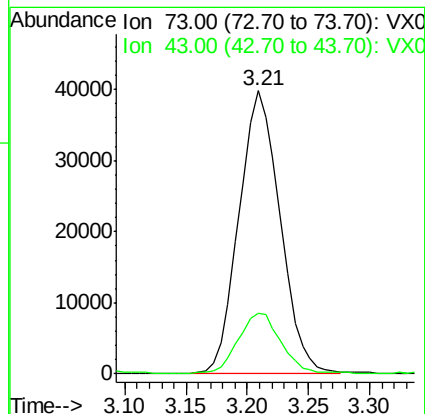
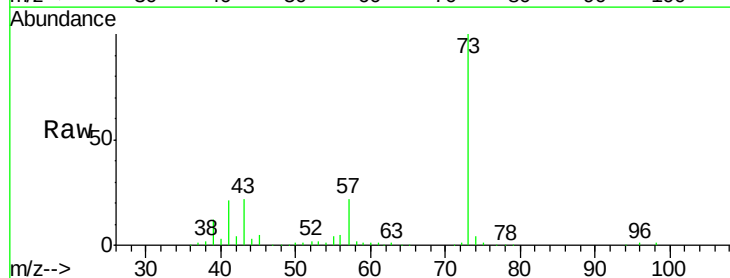
Tot Ion: 59 Resp: 67191
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

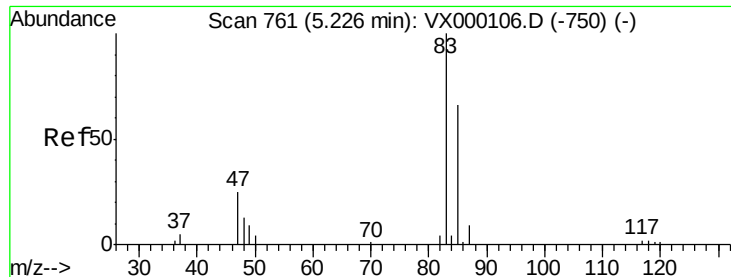


#24

Methyl tert-Butyl Ether
 Concen: 15.757 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 Resp: 93429
 Ion Ratio Lower Upper
 73 100
 43 21.4 16.5 24.7





#25

Chloroform

Concen: 16.029 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 :

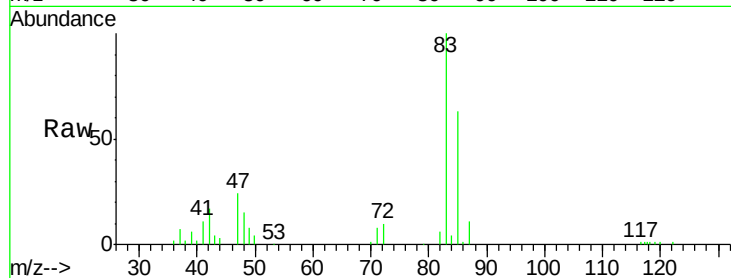
VSTDCCC020

Tot Ion: 83 Resp: 48529

Ion Ratio Lower Upper

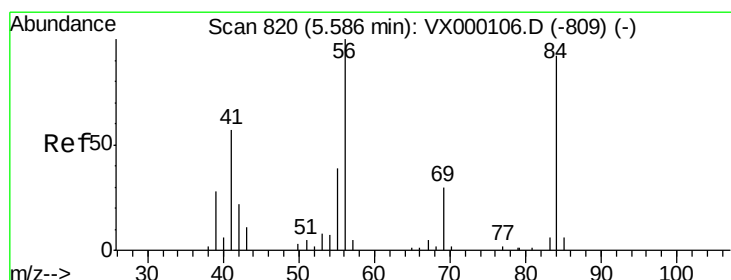
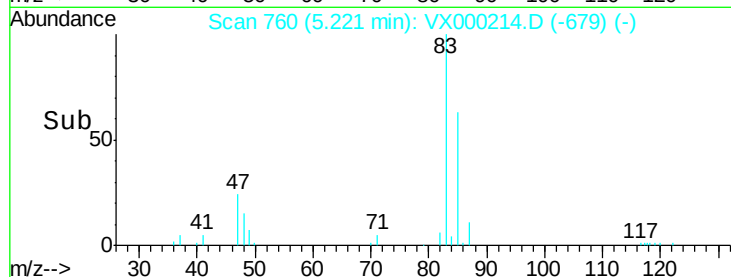
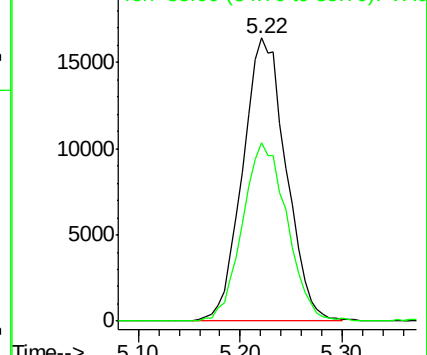
83 100

85 63.2 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 11.582 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

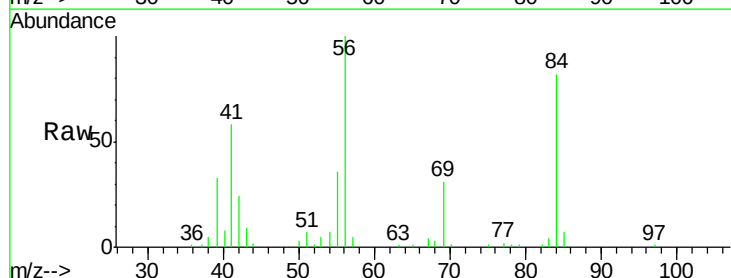
Tgt Ion: 56 Resp: 27730

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

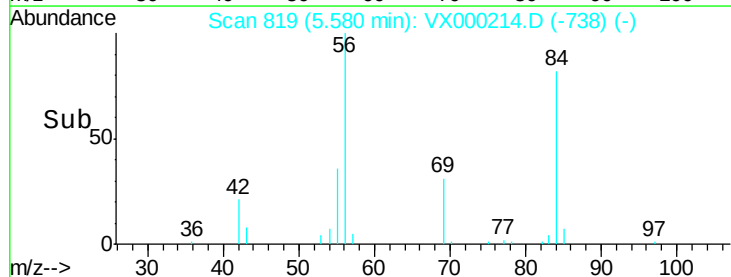
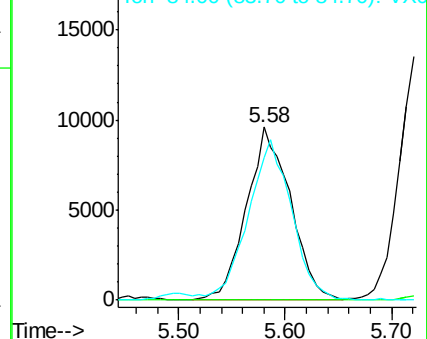
84 91.6 74.8 112.2

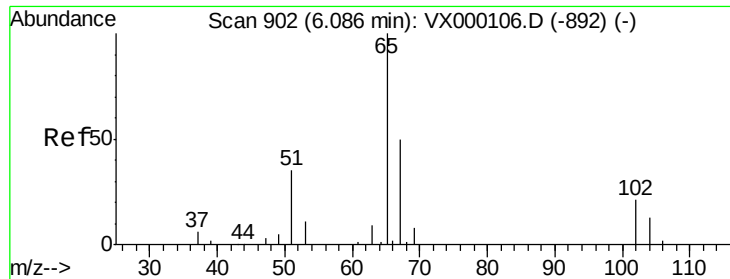


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.417 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampled :

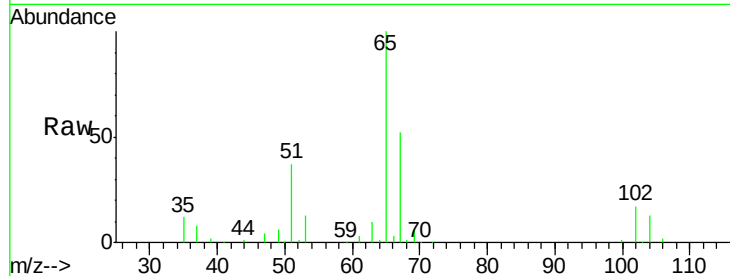
VSTDCCC020

Tot Ion: 65 Resp: 60626

Ion Ratio Lower Upper

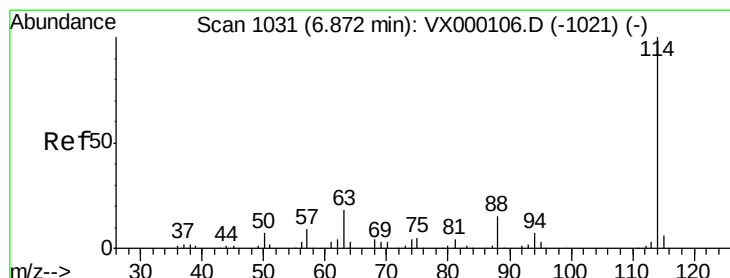
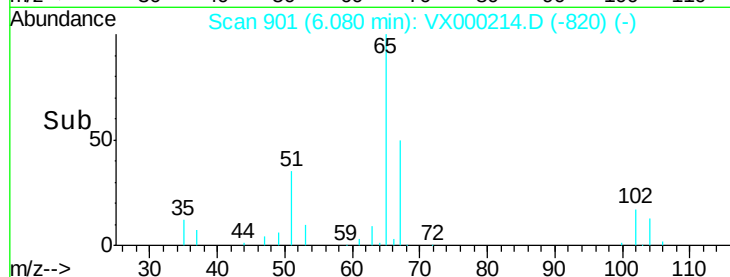
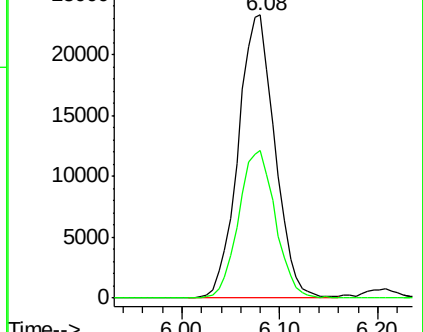
65 100

67 52.2 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

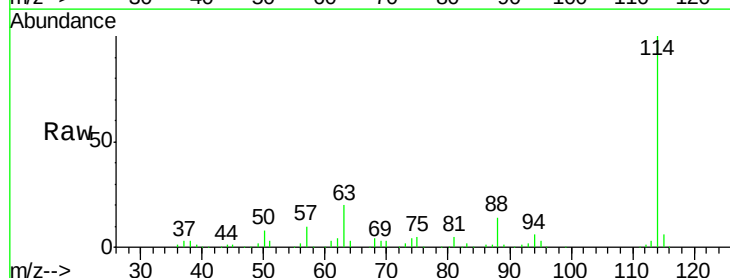
Tgt Ion: 114 Resp: 150982

Ion Ratio Lower Upper

114 100

63 20.2 15.0 22.4

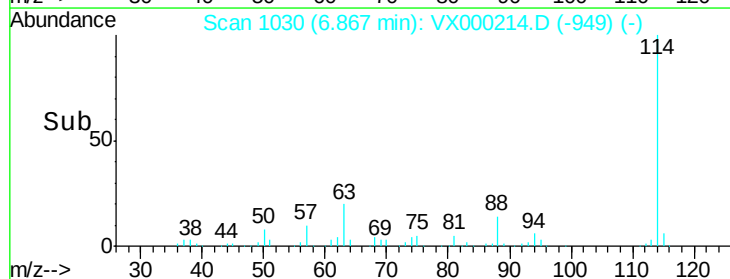
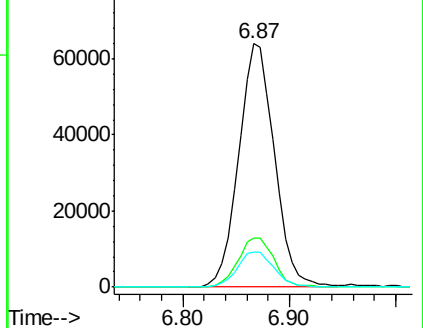
88 15.1 11.8 17.8

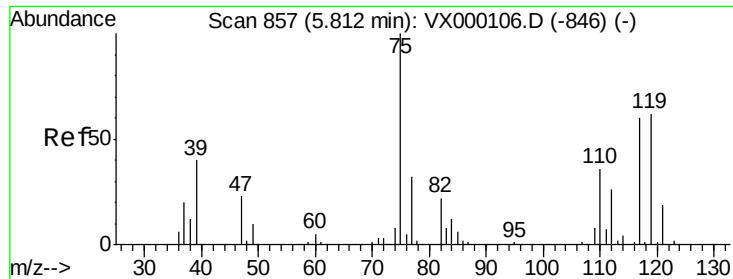


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 13.893 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

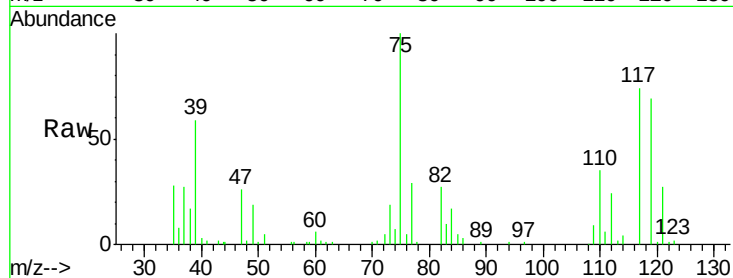
Tot Ion: 75 Resp: 30548

Ion Ratio Lower Upper

75 100

110 36.5 0.0 75.6

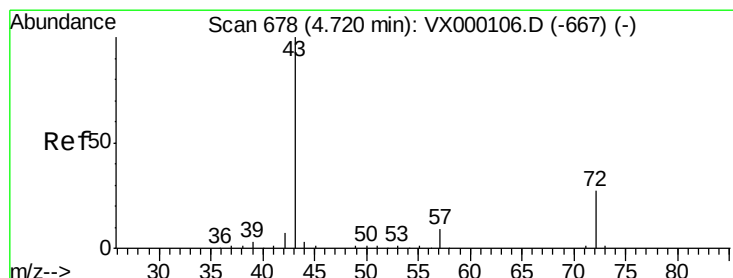
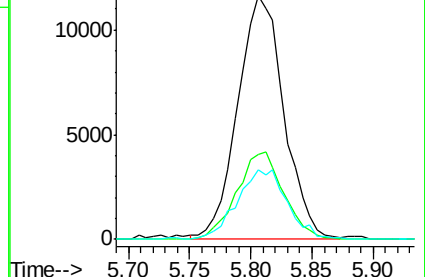
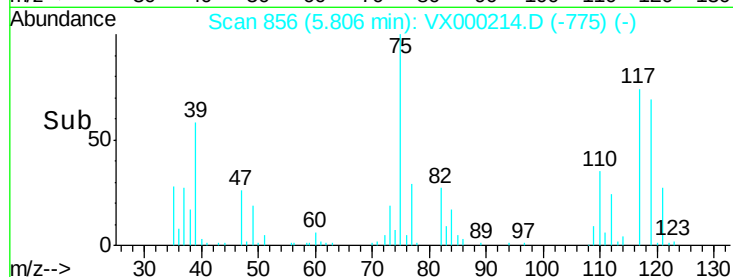
77 30.5 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 100.485 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

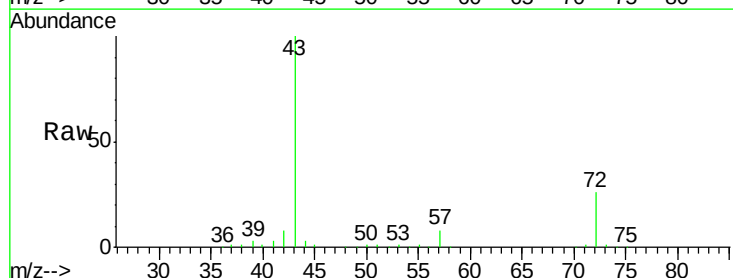
Tgt Ion: 43 Resp: 170067

Ion Ratio Lower Upper

43 100

57 8.3 6.6 10.0

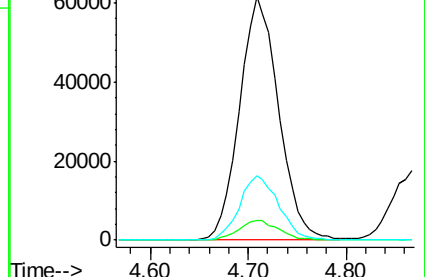
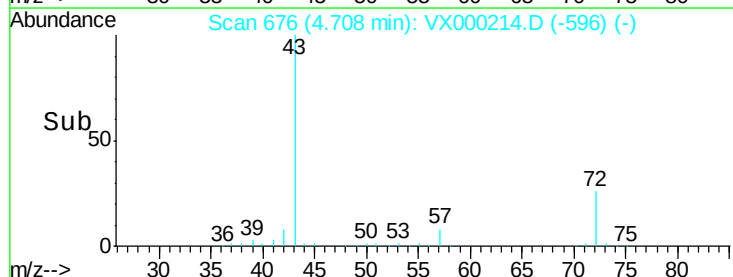
72 26.7 21.8 32.6

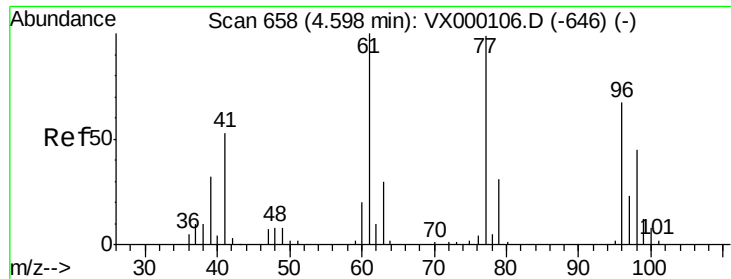


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

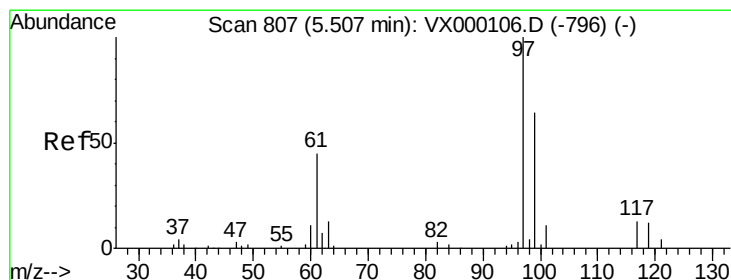
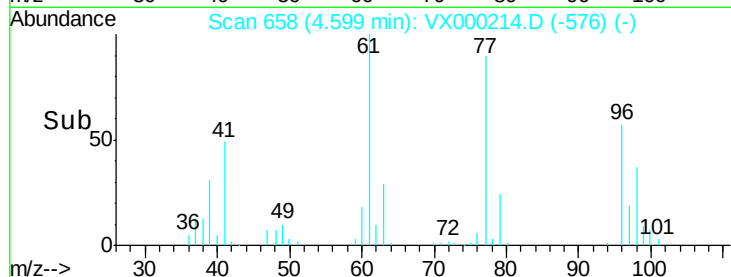
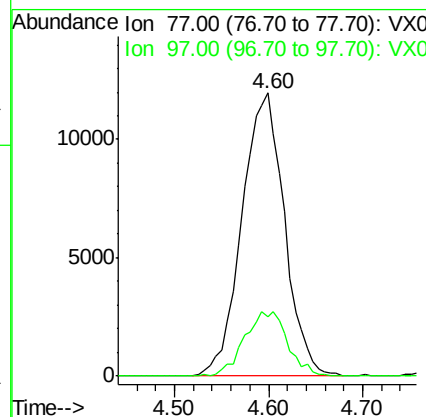
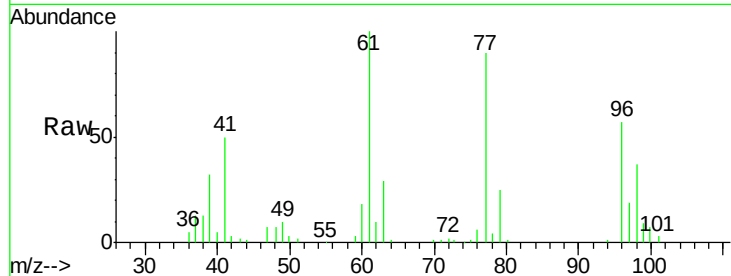




#31
 2,2-Dichloropropane
 Concen: 15.916 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

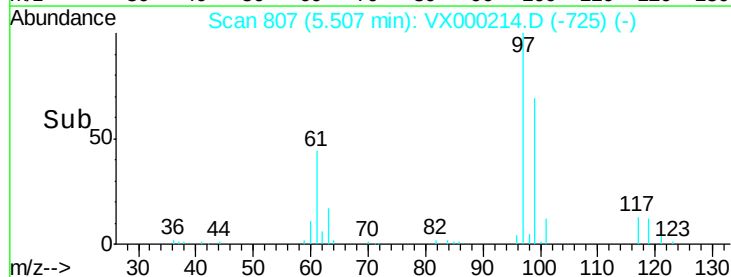
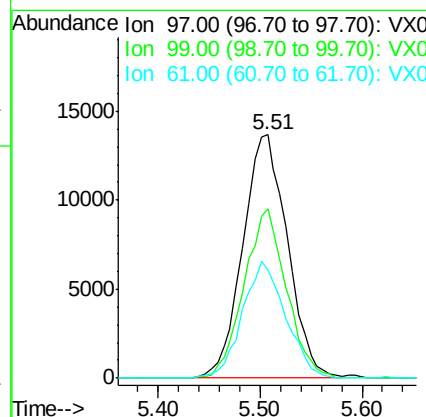
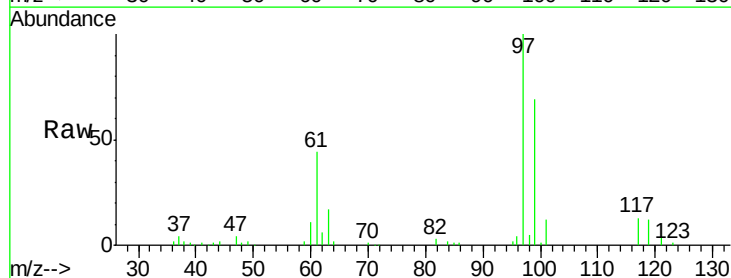
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

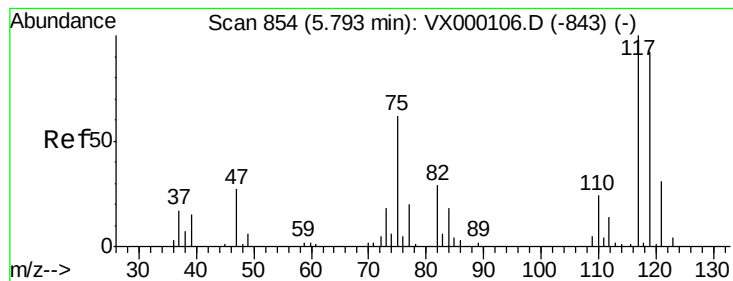
Tot Ion: 77 Resp: 37642
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 15.641 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: 14.538 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

ClientSampled :

VSTDCCC020

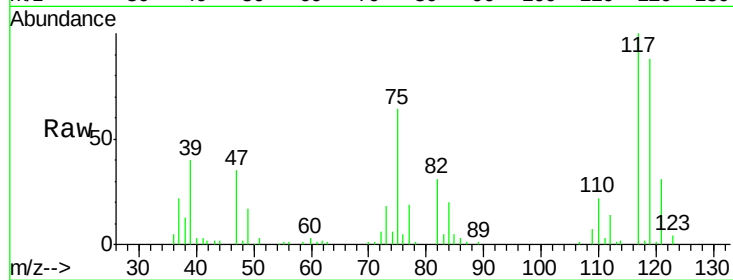
Tot Ion:117 Resp: 34344

Ion Ratio Lower Upper

117 100

119 88.5 73.5 110.3

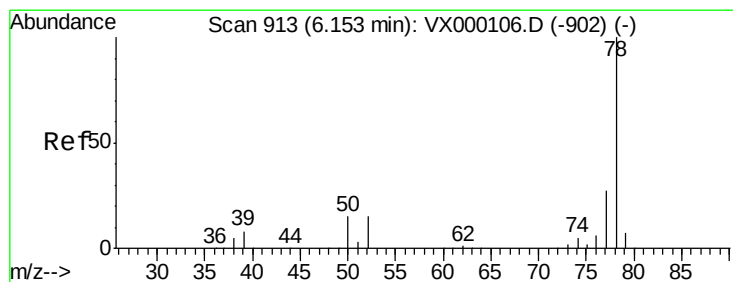
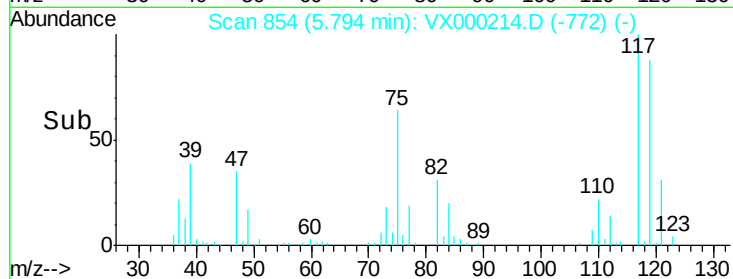
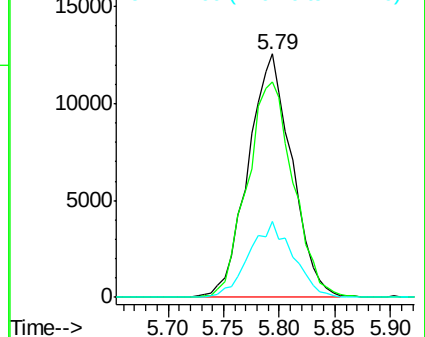
121 31.0 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 14.683 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

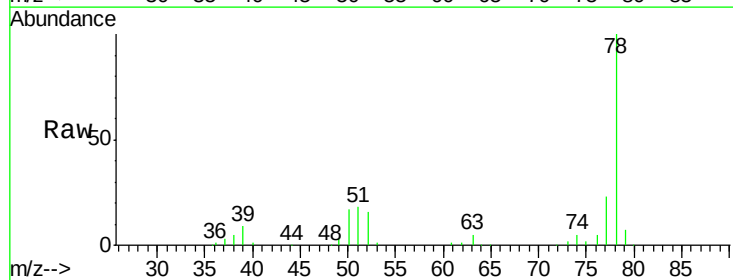
Tgt Ion: 78 Resp: 92901

Ion Ratio Lower Upper

78 100

77 22.5 21.7 32.5

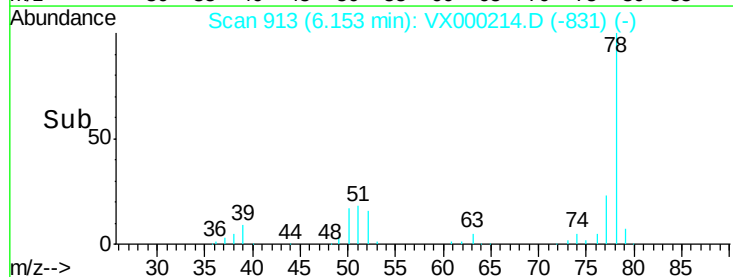
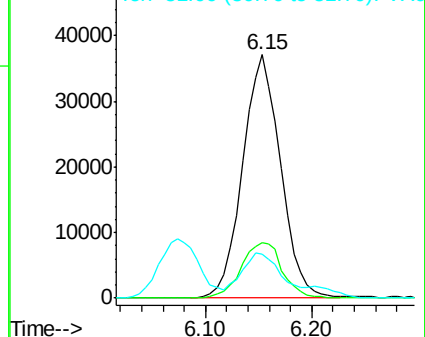
51 15.9 14.9 22.3

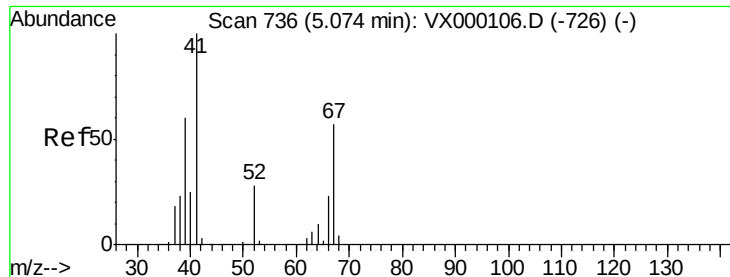


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 17.684 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 41 Resp: 27557

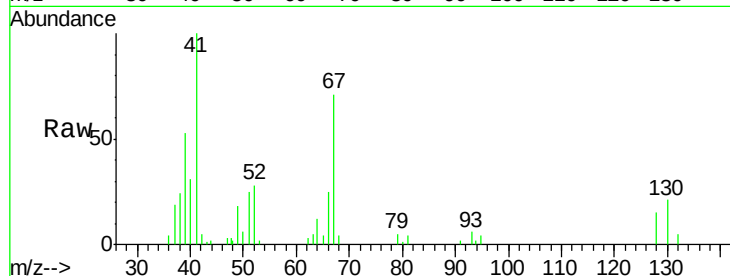
Ion Ratio Lower Upper

41 100

39 51.4 29.8 89.3

67 71.3 28.7 86.3

52 27.8 14.0 41.9

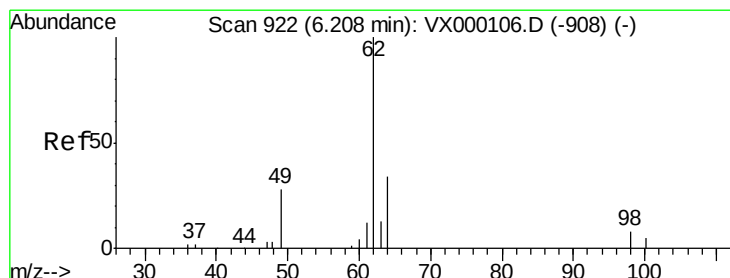
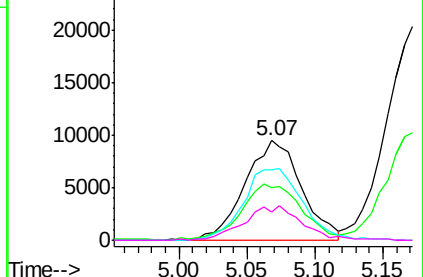
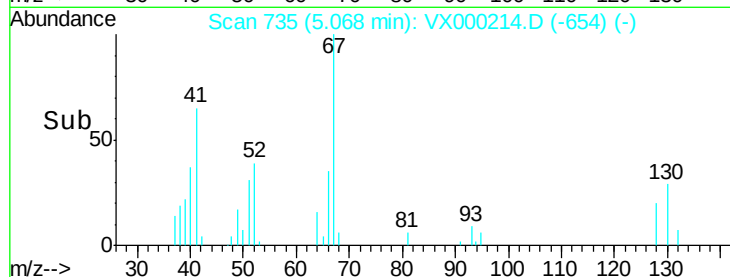


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 16.641 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000214.D

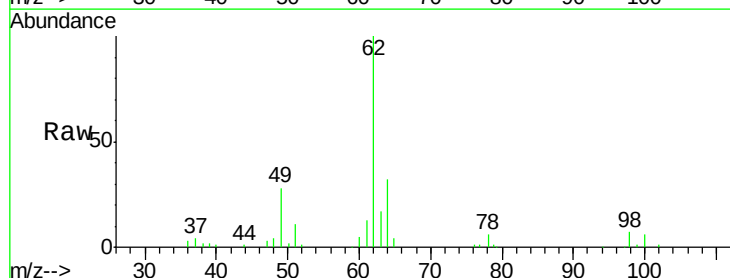
Acq: 08 Mar 2018 09:45

Tgt Ion: 62 Resp: 39925

Ion Ratio Lower Upper

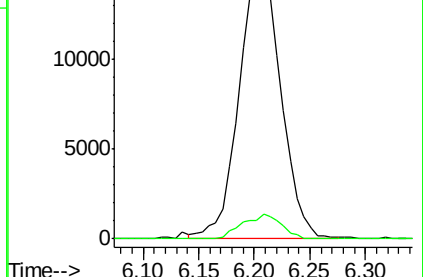
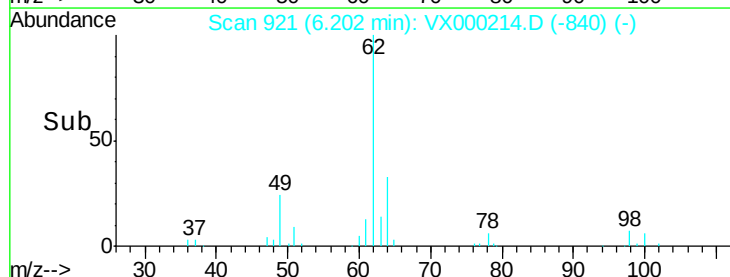
62 100

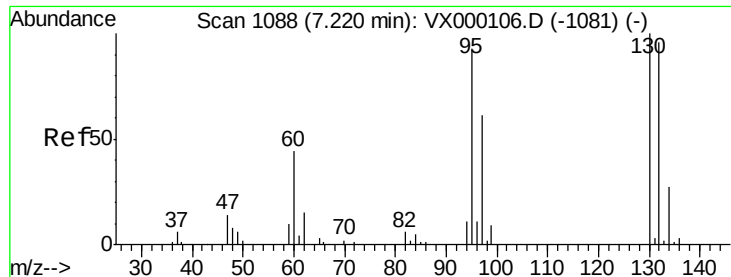
98 5.6 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

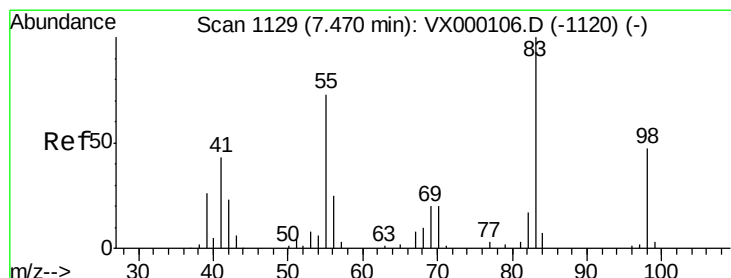
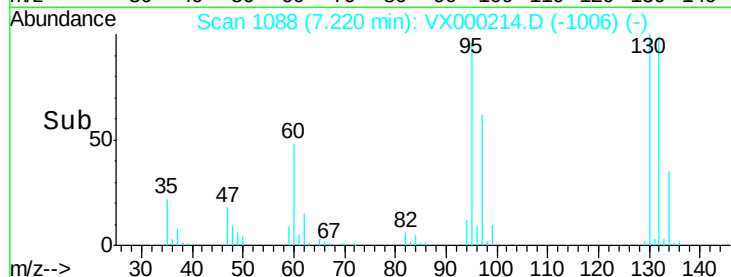
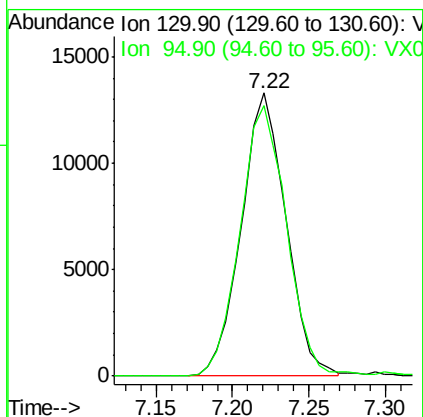
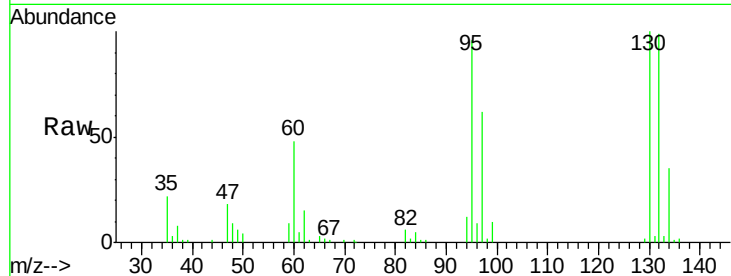




#37
 Trichloroethene
 Concen: 14.428 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

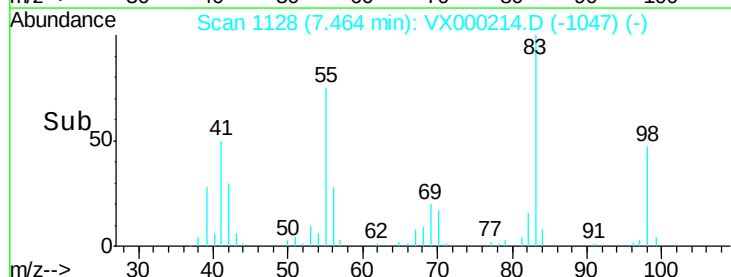
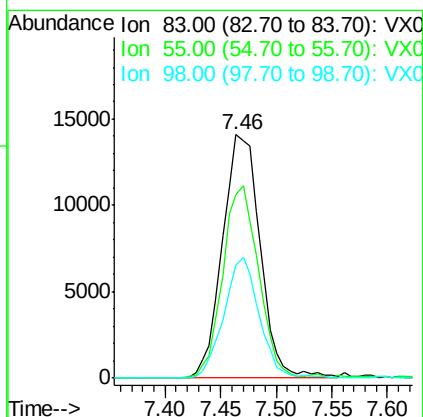
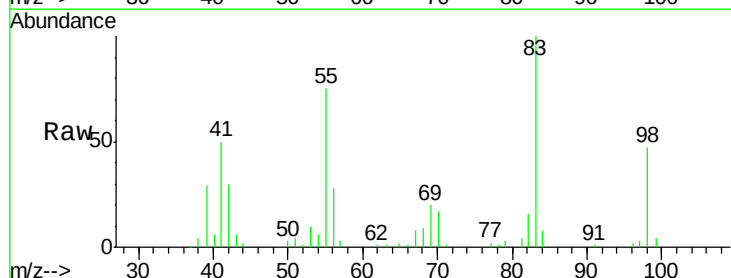
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

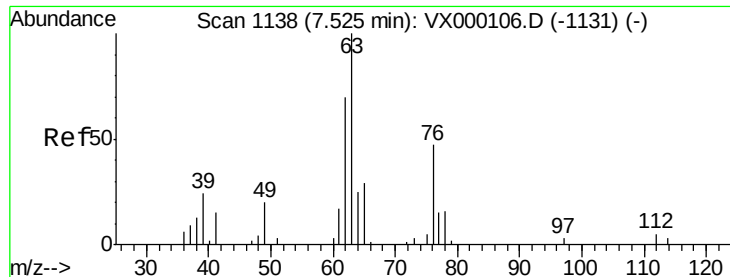
Tot Ion:130 Resp: 26981
 Ion Ratio Lower Upper
 130 100
 95 95.8 74.6 112.0



#38
 Methylcyclohexane
 Concen: 12.600 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

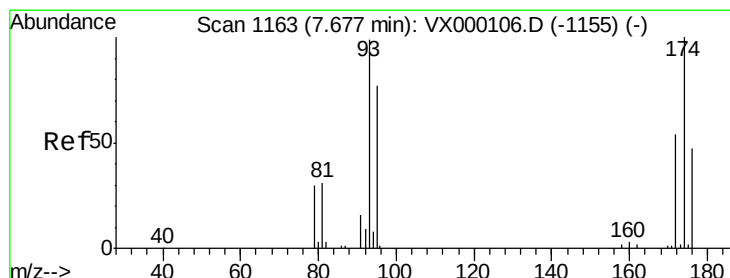
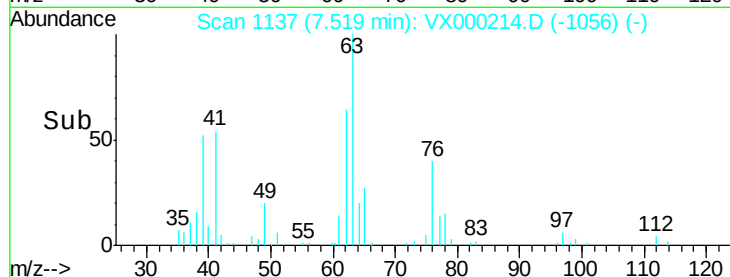
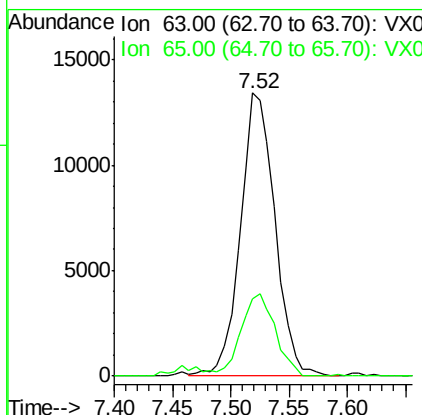
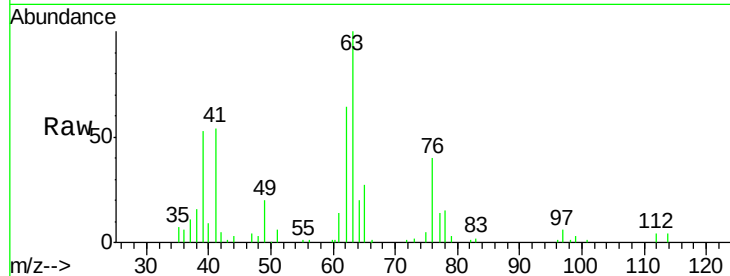




#39
 1,2-Dichloropropane
 Concen: 17.526 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

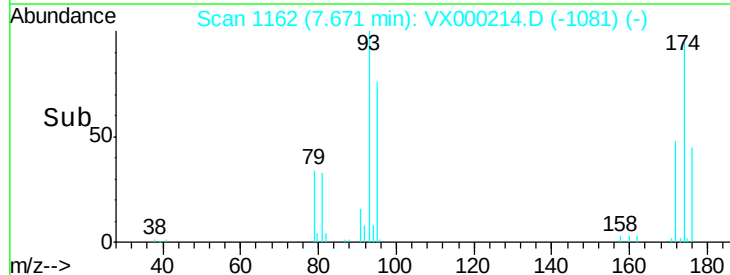
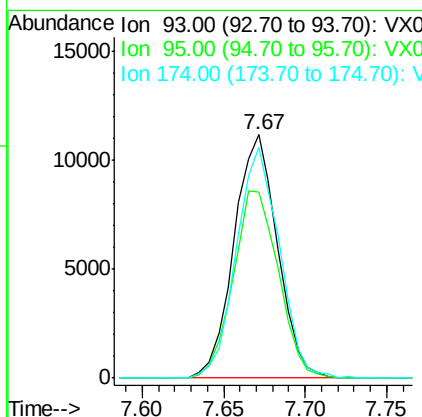
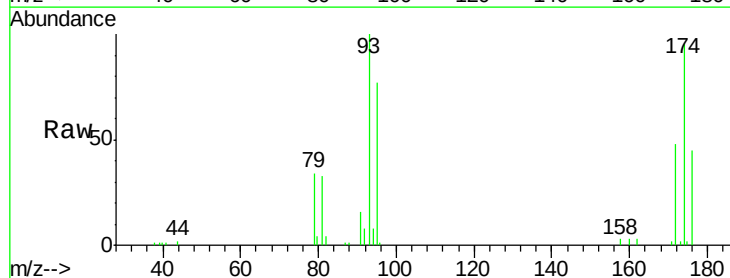
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

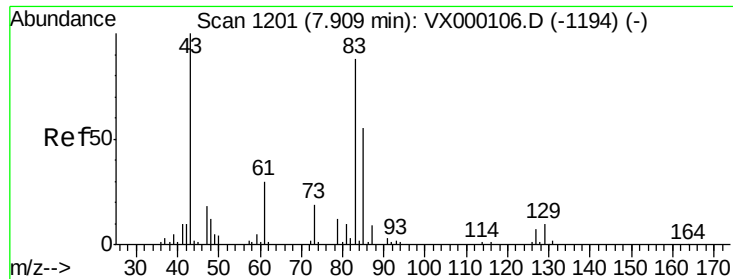
Tot Ion: 63 Resp: 27683
 Ion Ratio Lower Upper
 63 100
 65 26.7 25.0 37.6



#40
 Dibromomethane
 Concen: 17.043 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: 16.929 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

ClientSampleId :

VSTDCCC020

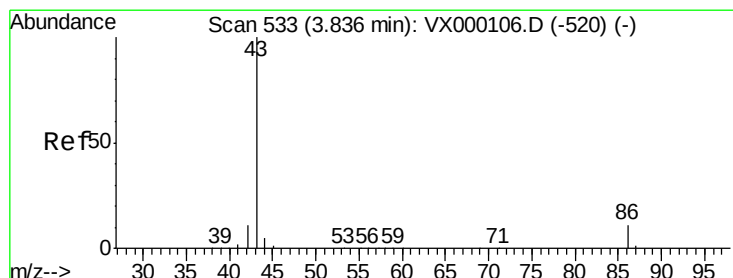
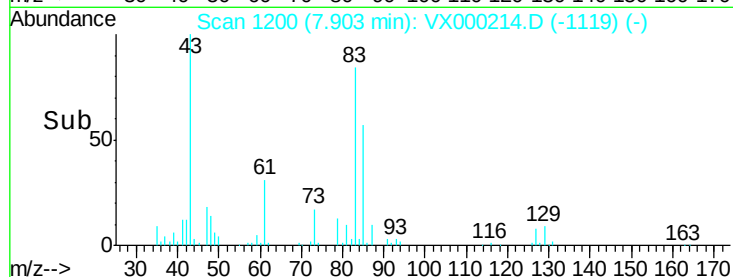
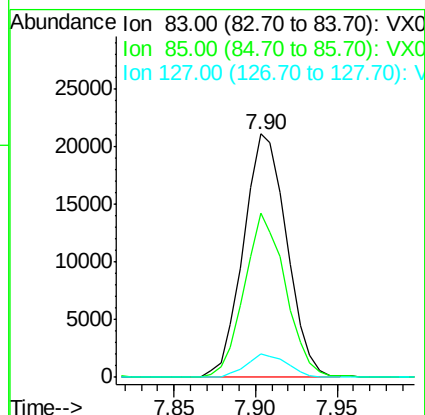
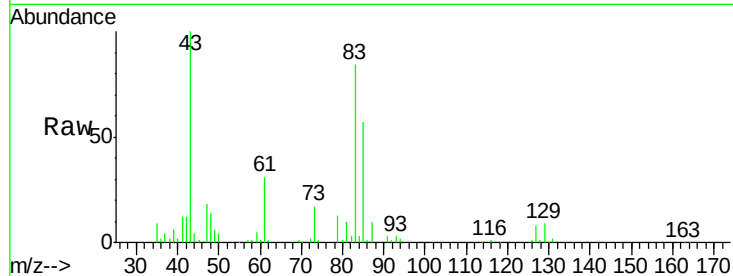
Tot Ion: 83 Resp: 39160

Ion Ratio Lower Upper

83 100

85 67.2 50.0 75.0

127 9.5 6.6 10.0



#42

Vinyl Acetate

Concen: 93.502 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000214.D

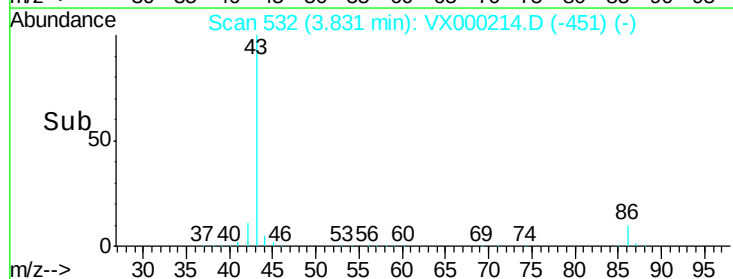
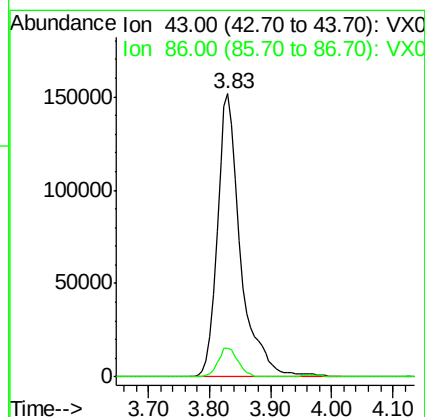
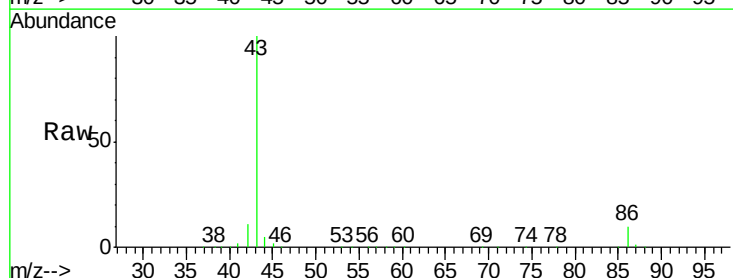
Acq: 08 Mar 2018 09:45

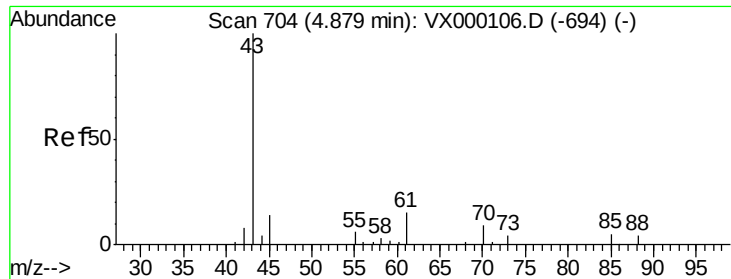
Tgt Ion: 43 Resp: 403351

Ion Ratio Lower Upper

43 100

86 9.0 7.8 11.6





#43

Ethyl Acetate

Concen: 16.548 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 :

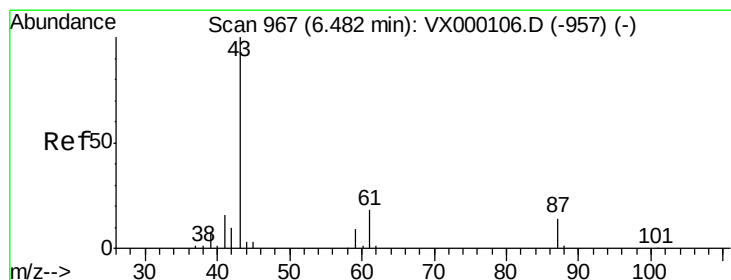
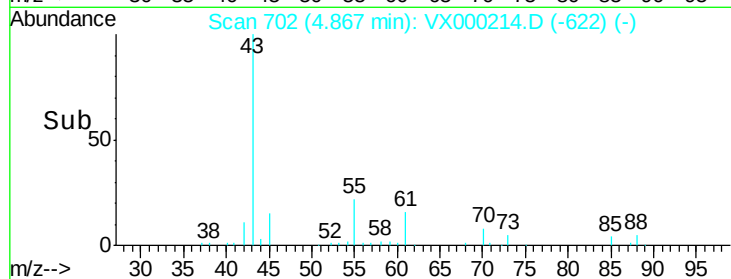
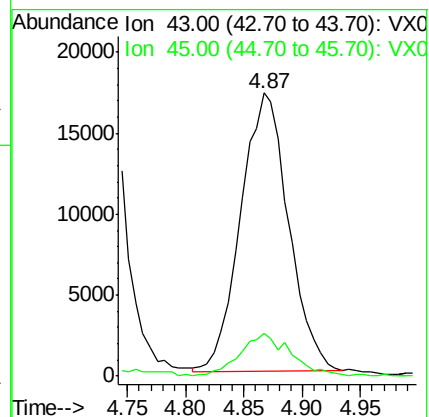
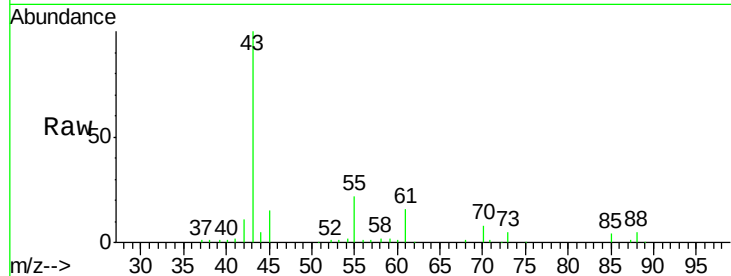
VSTDCCC020

Tot Ion: 43 Resp: 49195

Ion Ratio Lower Upper

43 100

45 15.5 11.4 17.0



#44

Isopropyl Acetate

Concen: 17.796 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000214.D

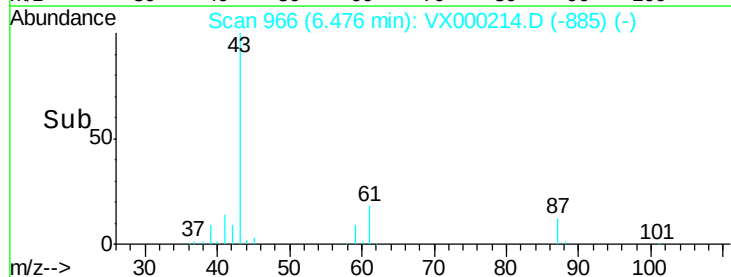
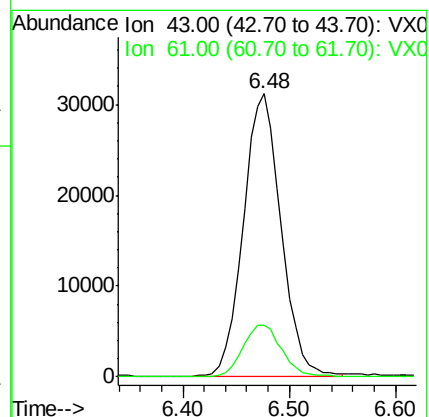
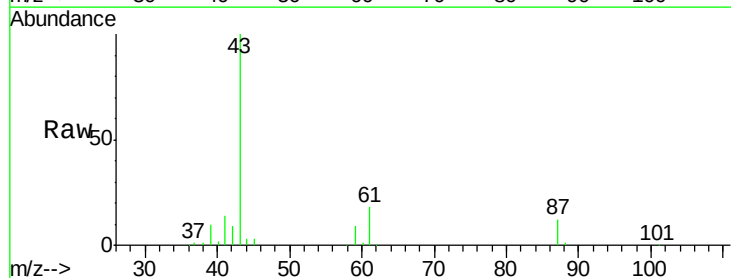
Acq: 08 Mar 2018 09:45

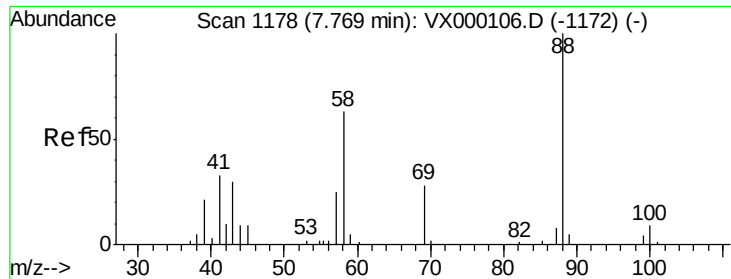
Tgt Ion: 43 Resp: 77621

Ion Ratio Lower Upper

43 100

61 18.7 15.7 23.5

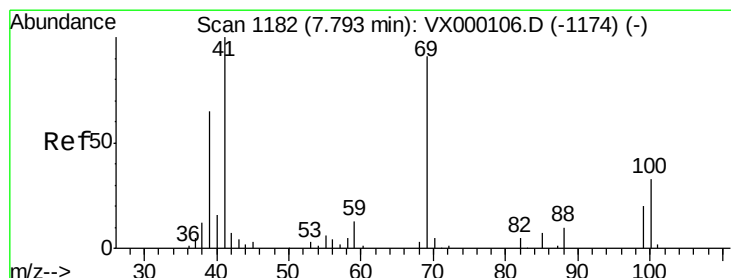
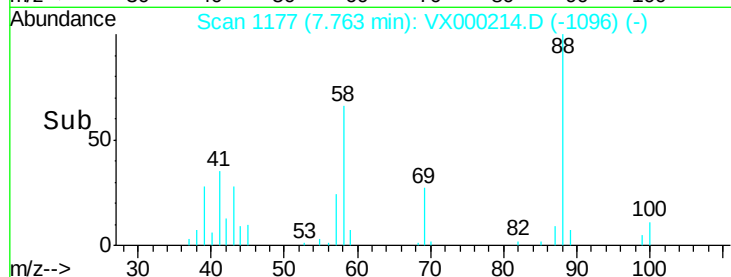
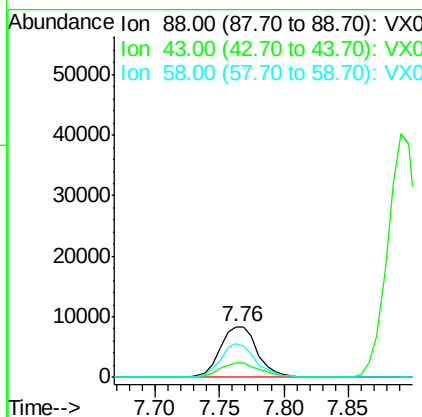
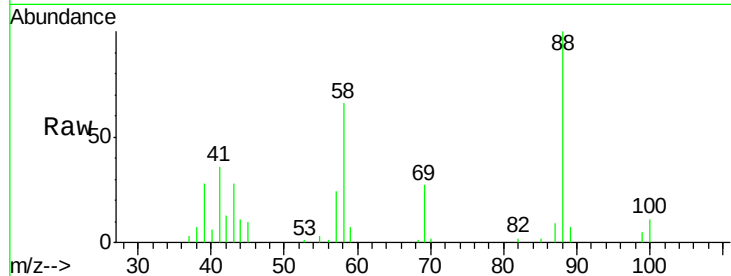




#45
1,4-Dioxane
Concen: 310.535 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

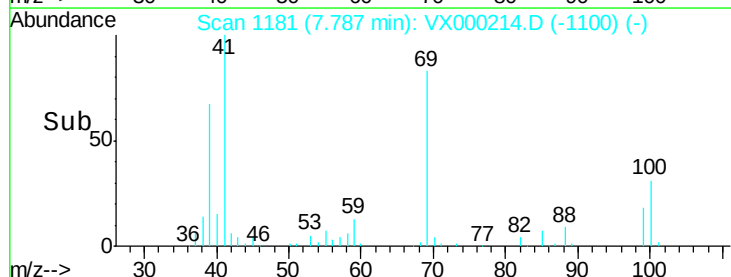
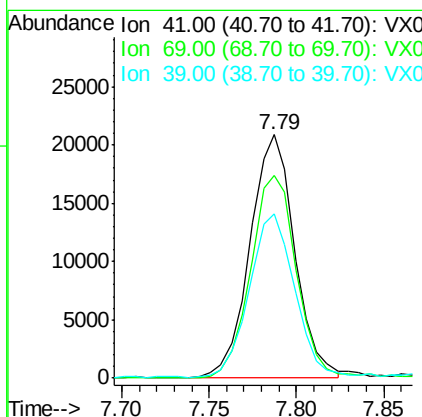
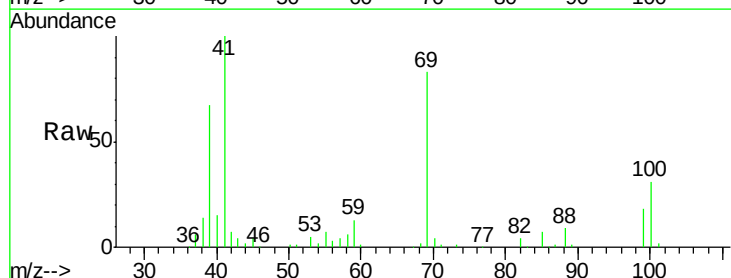
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

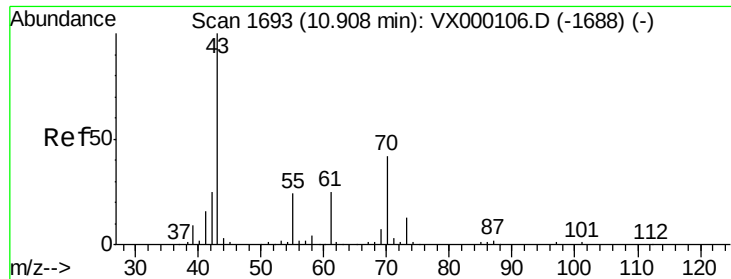
Tot Ion: 88 Resp: 17035
Ion Ratio Lower Upper
88 100
43 32.2 26.8 40.2
58 62.2 52.1 78.1



#46
Methyl methacrylate
Concen: 17.492 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: 41 Resp: 37110
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: 18.456 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 :

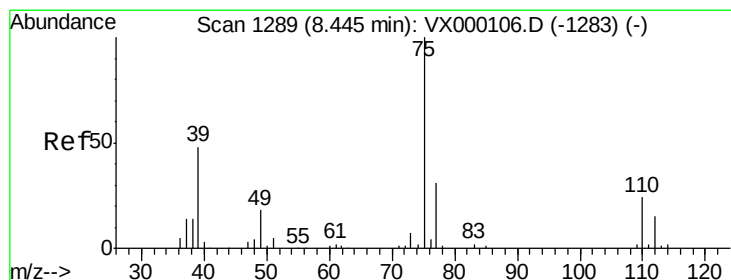
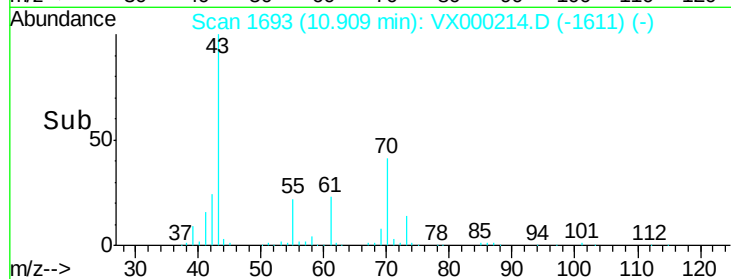
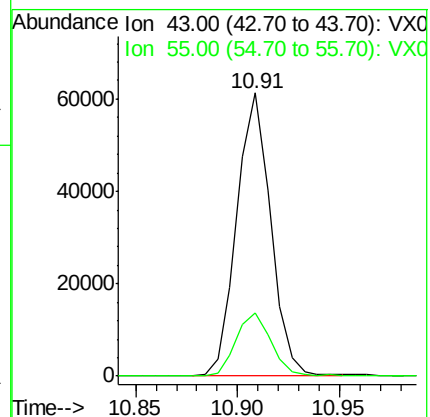
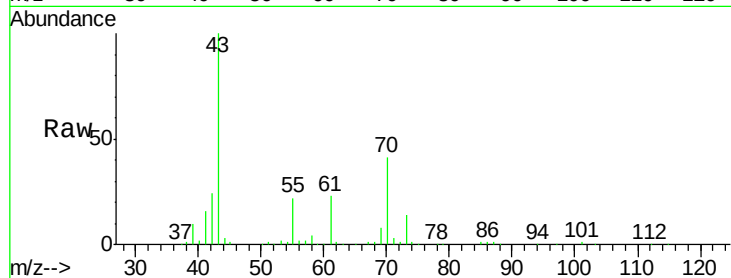
VSTDCCC020

Tot Ion: 43 Resp: 70283

Ion Ratio Lower Upper

43 100

55 23.1 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 16.259 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000214.D

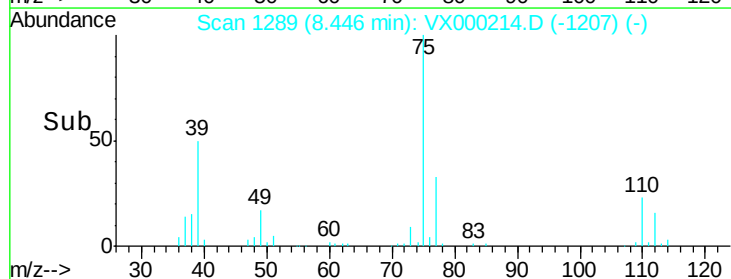
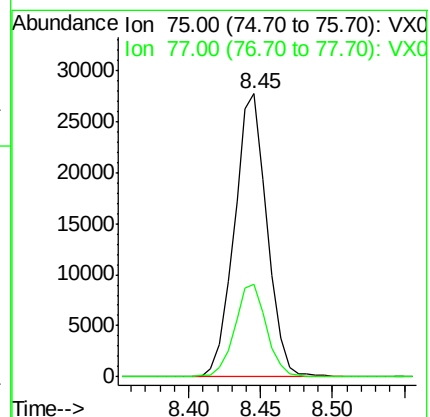
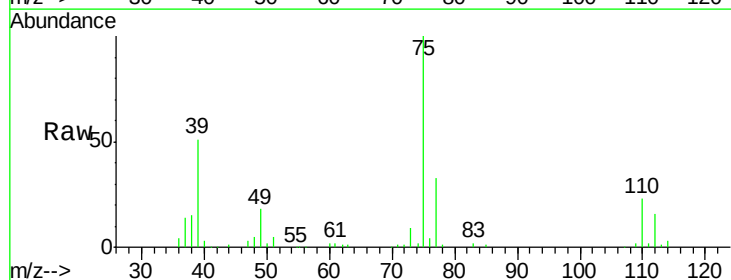
Acq: 08 Mar 2018 09:45

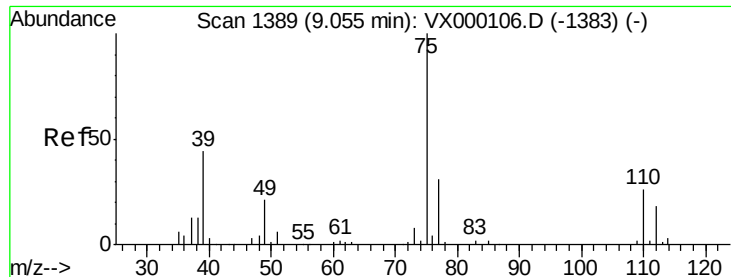
Tgt Ion: 75 Resp: 43783

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0



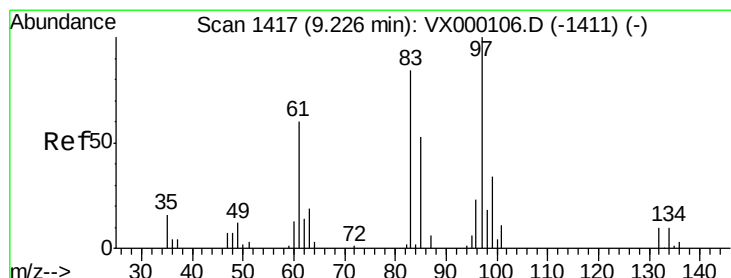
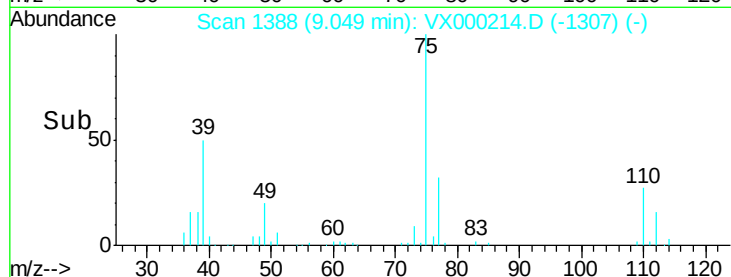
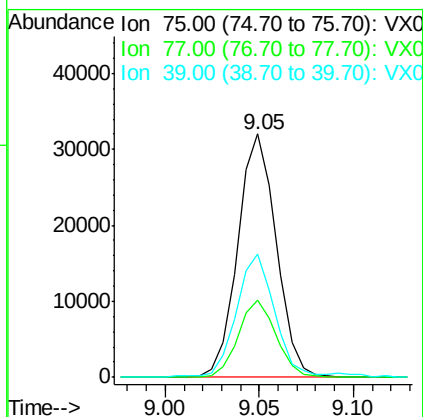
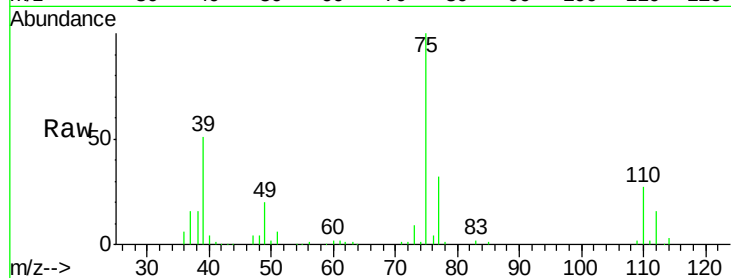


#49

cis-1,3-Dichloropropene
 Concen: 17.311 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

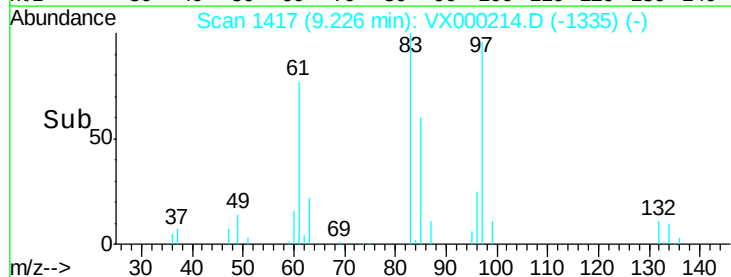
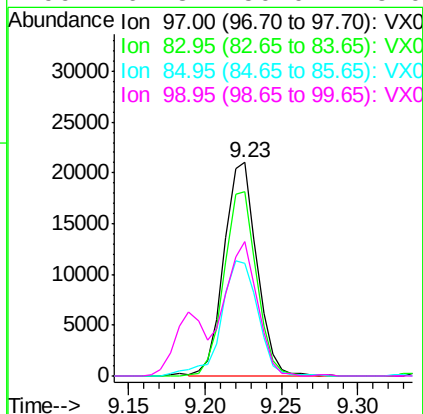
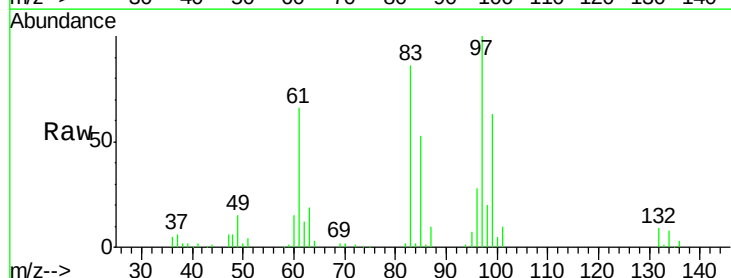
Tot Ion: 75 Resp: 45365
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7
 39 49.9 35.6 53.4

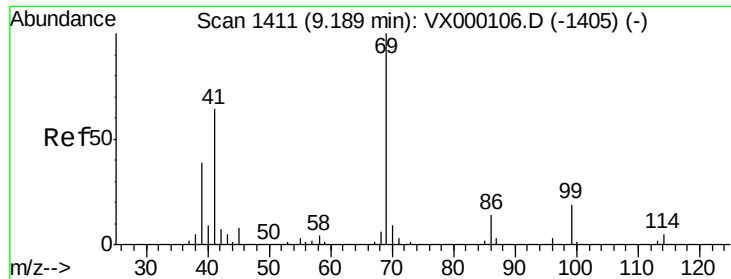


#50

1,1,2-Trichloroethane
 Concen: 17.571 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: 97 Resp: 31399
 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

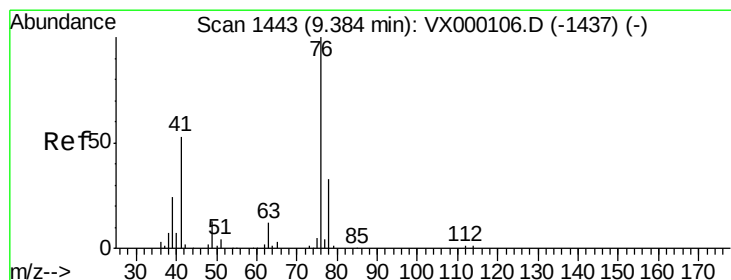
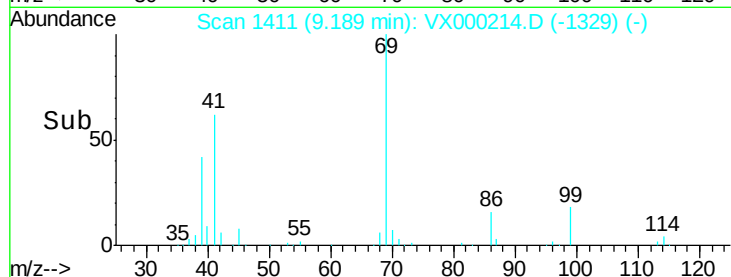
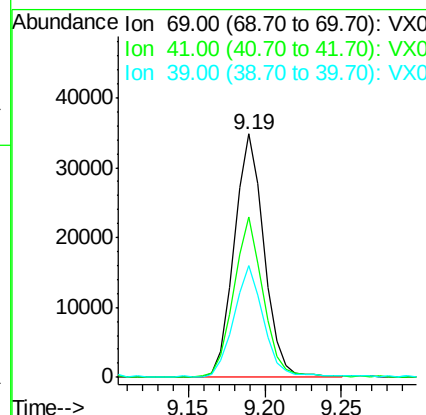
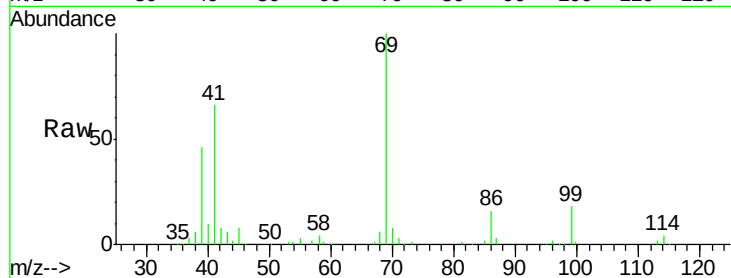




#51
Ethyl methacrylate
Concen: 17.264 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

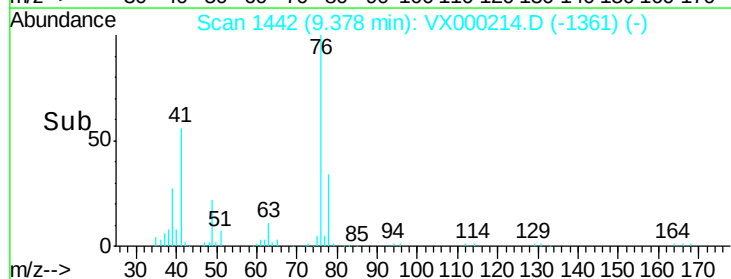
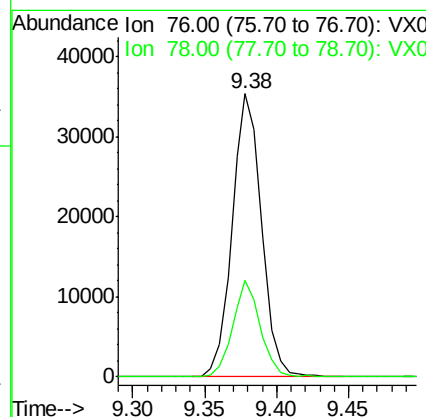
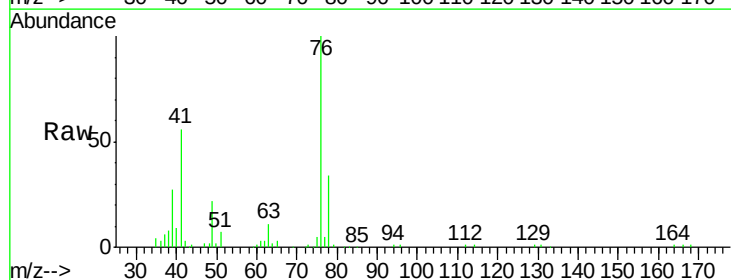
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

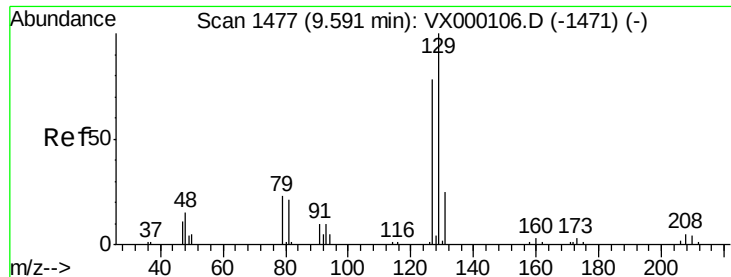
Tot Ion: 69 Resp: 47263
Ion Ratio Lower Upper
69 100
41 66.0 32.1 96.3
39 45.4 19.6 58.7



#52
1,3-Dichloropropane
Concen: 17.614 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: 16.988 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 :

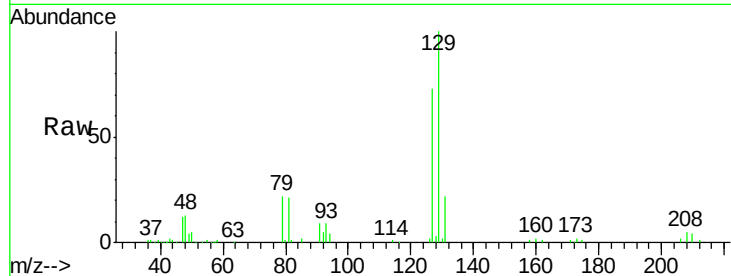
VSTDCCC020

Tot Ion:129 Resp: 33775

Ion Ratio Lower Upper

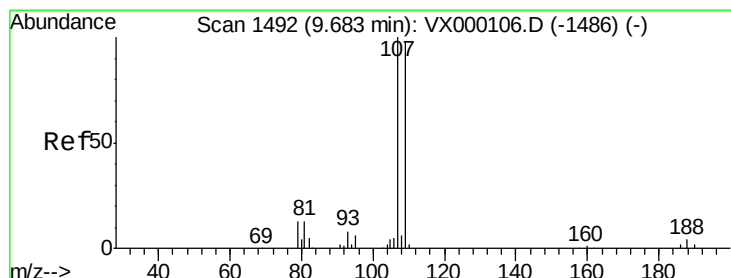
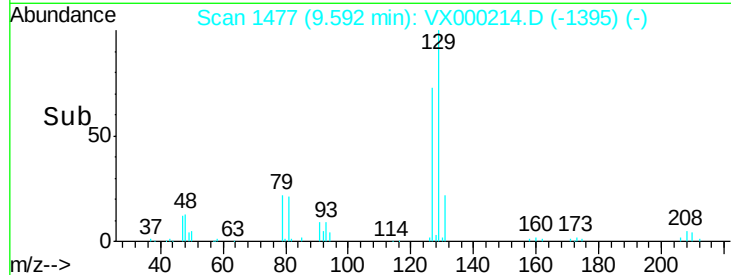
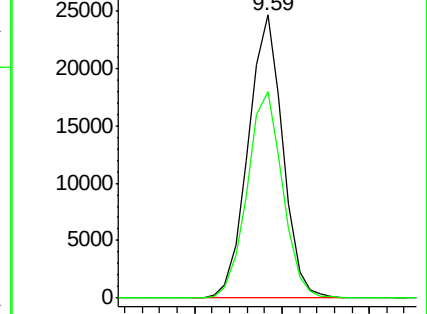
129 100

127 74.6 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 16.261 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000214.D

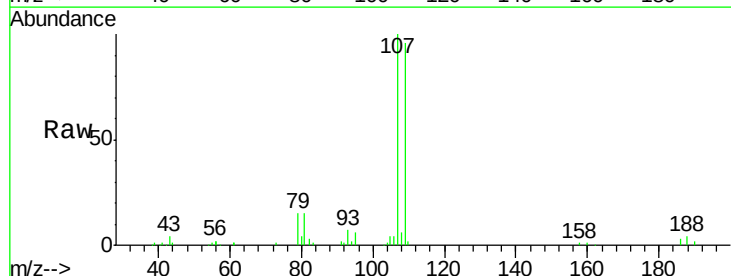
Acq: 08 Mar 2018 09:45

Tgt Ion:107 Resp: 32386

Ion Ratio Lower Upper

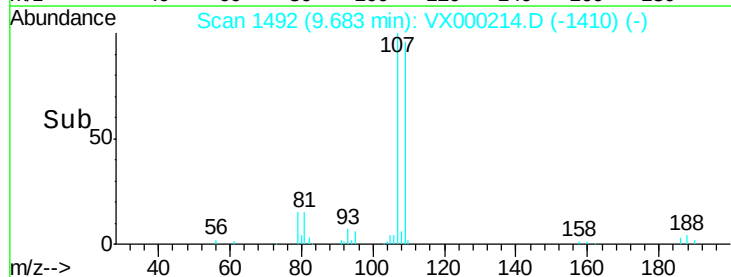
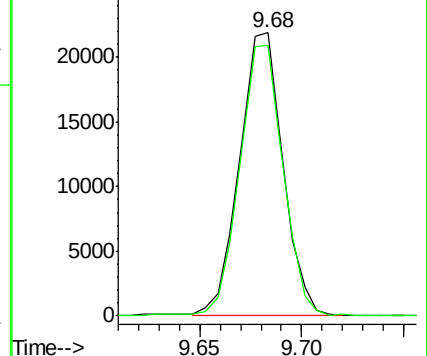
107 100

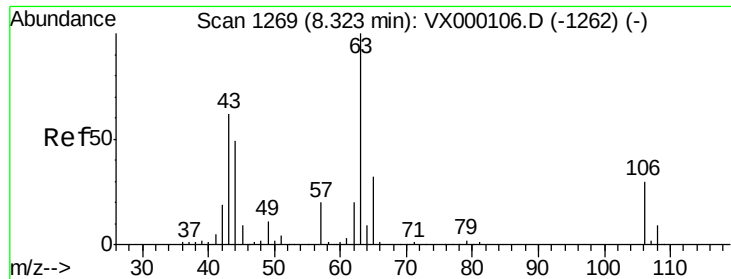
109 95.5 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

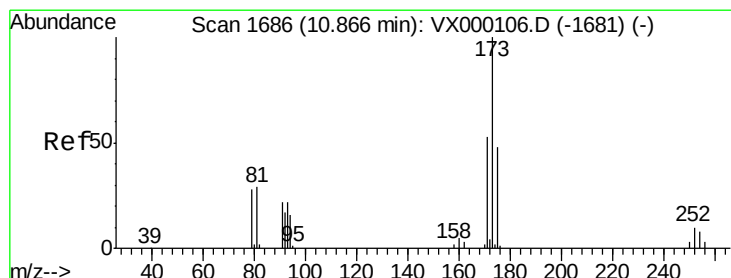
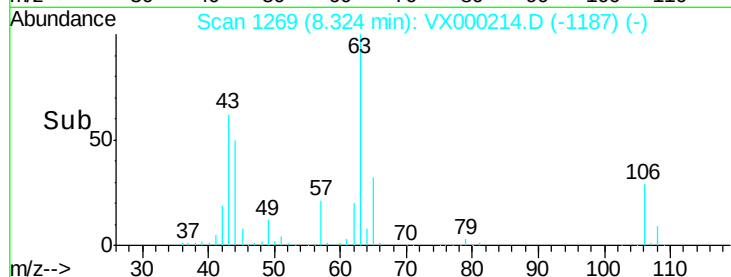
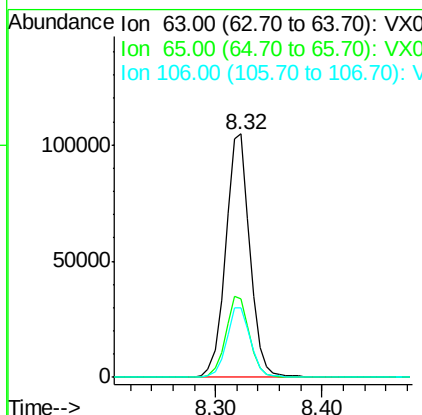
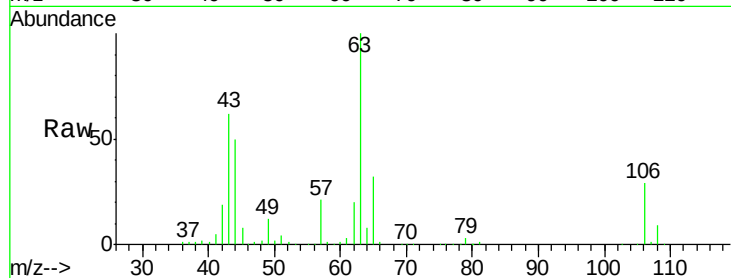




#55
2-Chloroethyl vinyl ether
Concen: 139.201 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

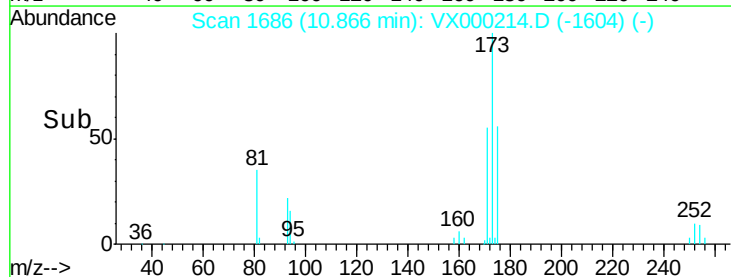
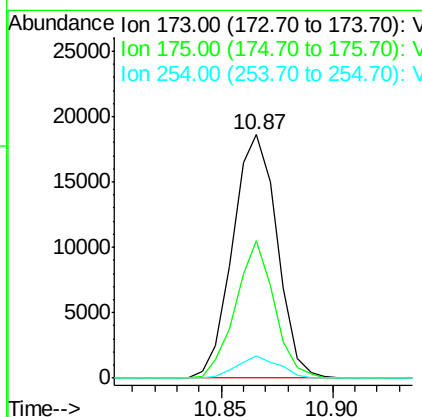
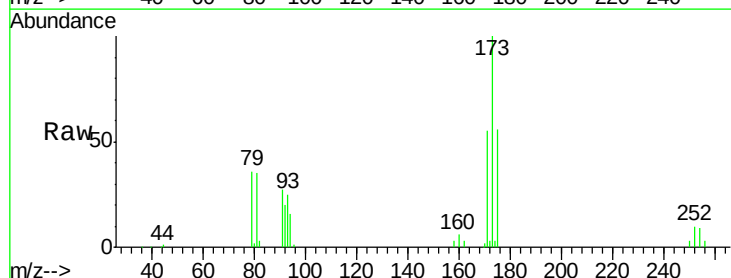
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

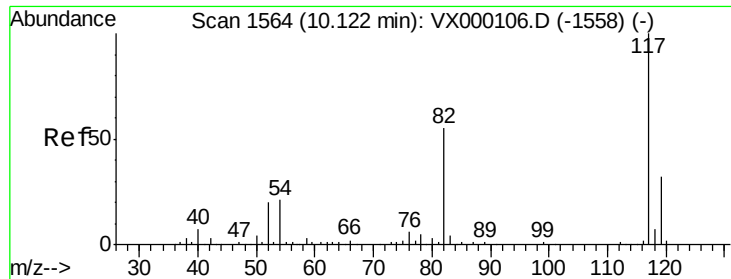
Tot Ion: 63 Resp: 166404
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 28.3 23.8 35.6



#56
Bromoform
Concen: 16.054 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: 173 Resp: 25849
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 8.5 7.0 10.4

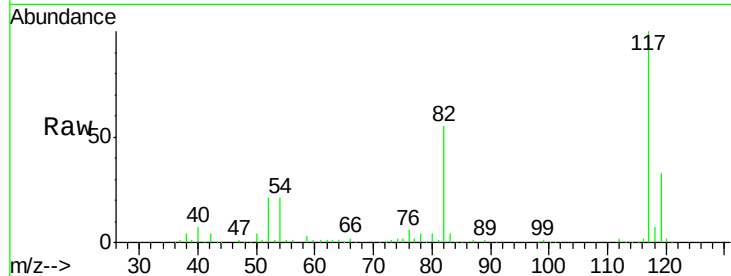




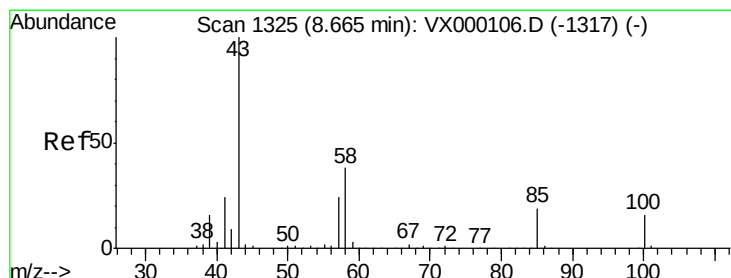
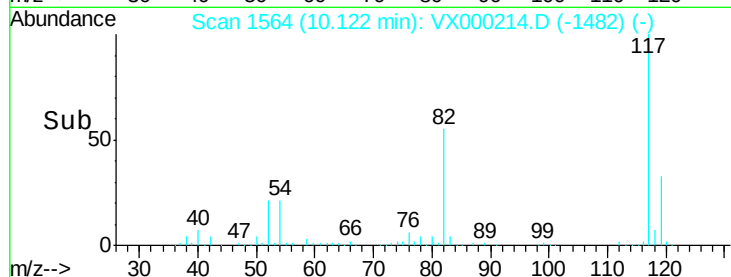
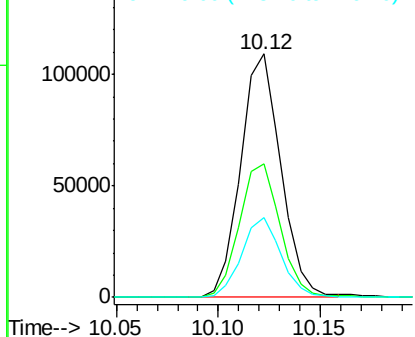
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:117 Resp: 149607
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.2 25.8 38.8

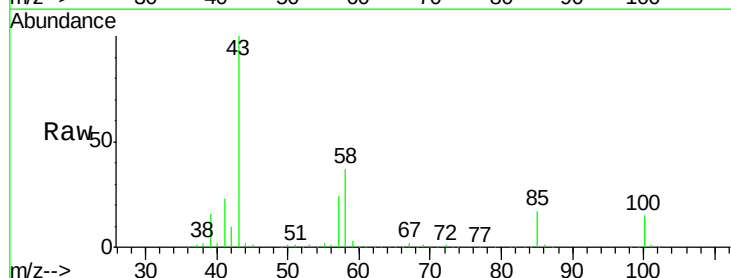


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

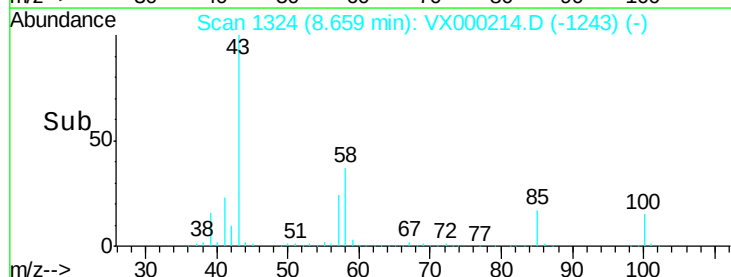
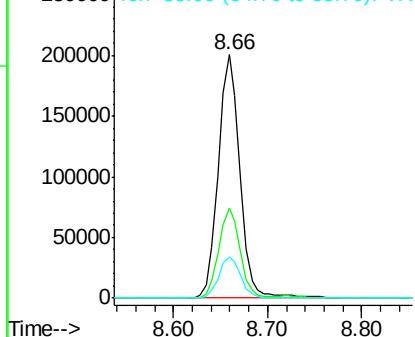


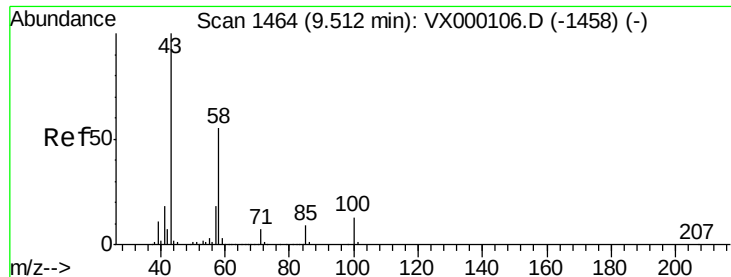
#58
4-Methyl-2-Pentanone
Concen: 97.319 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion: 43 Resp: 318907
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): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

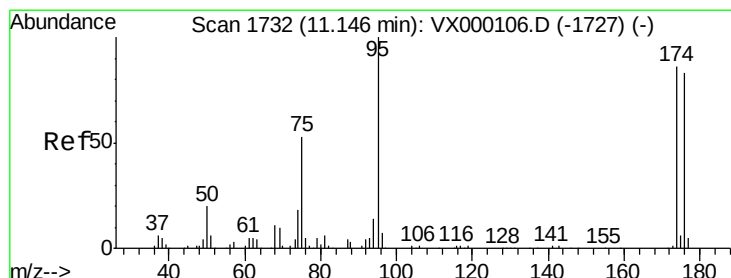
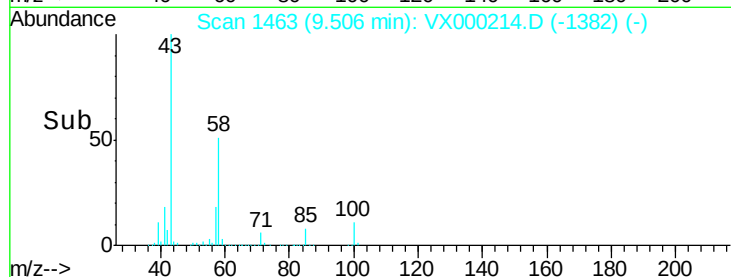
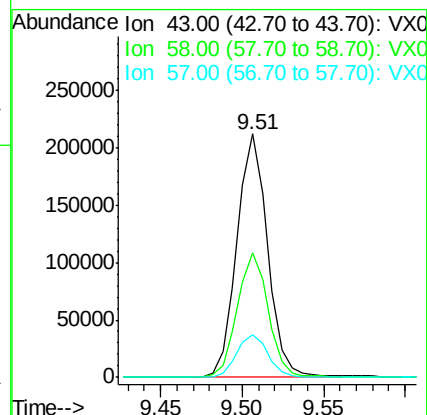
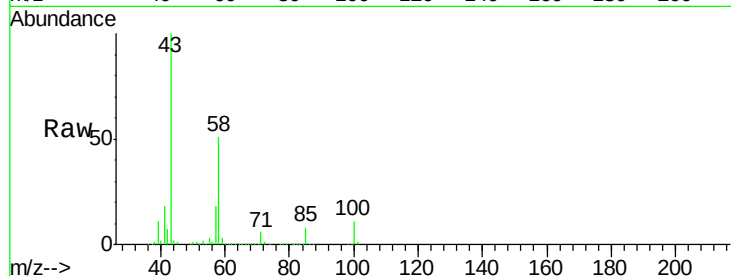




#59
2-Hexanone
Concen: 100.519 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

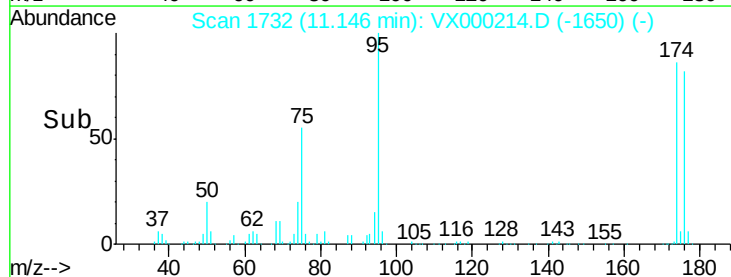
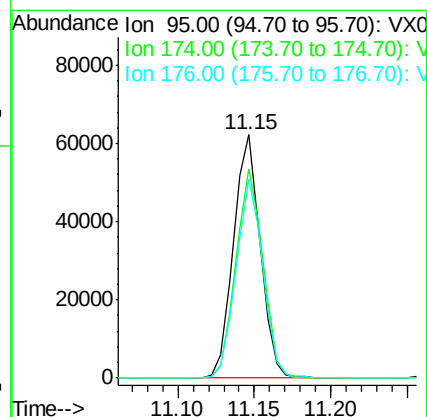
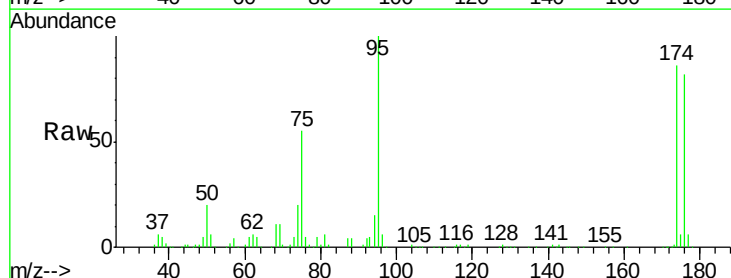
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

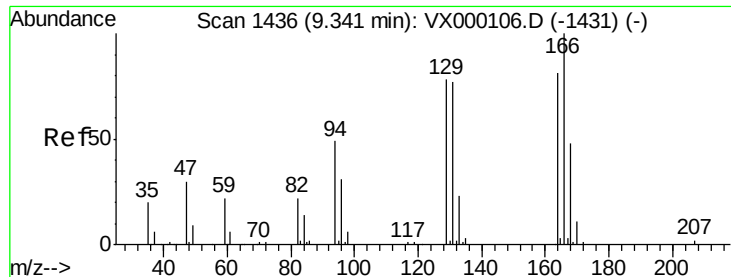
Tot Ion: 43 Resp: 278923
Ion Ratio Lower Upper
43 100
58 52.0 43.0 64.6
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 30.888 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: 95 Resp: 75598
Ion Ratio Lower Upper
95 100
174 86.5 71.1 106.7
176 81.3 69.3 103.9





#61

Tetrachloroethene

Concen: 13.914 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:164 Resp: 25275

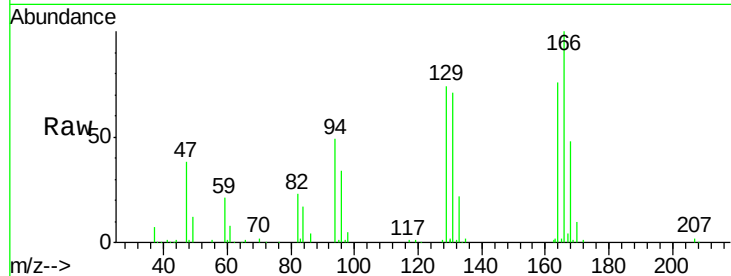
Ion Ratio Lower Upper

164 100

166 132.4 99.0 148.4

129 97.6 77.0 115.6

131 93.6 75.8 113.6

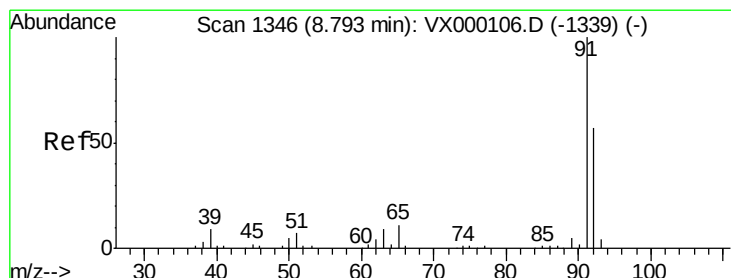
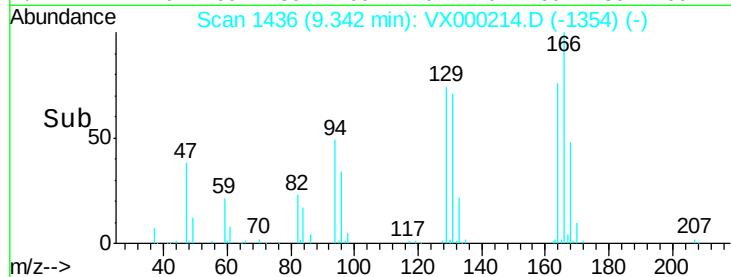
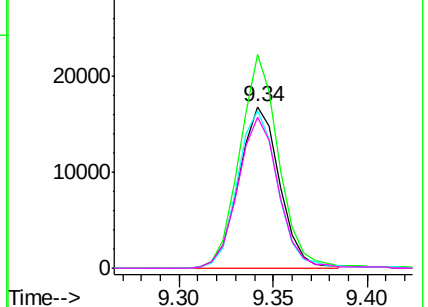


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 15.032 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000214.D

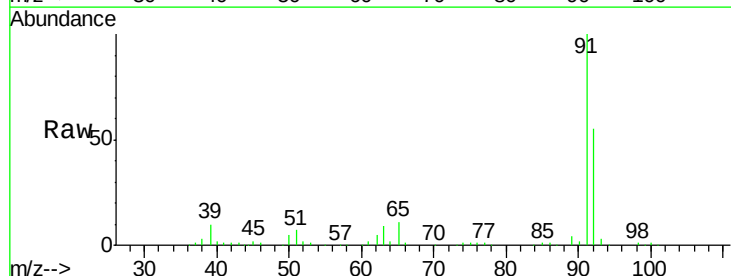
Acq: 08 Mar 2018 09:45

Tgt Ion: 91 Resp: 117009

Ion Ratio Lower Upper

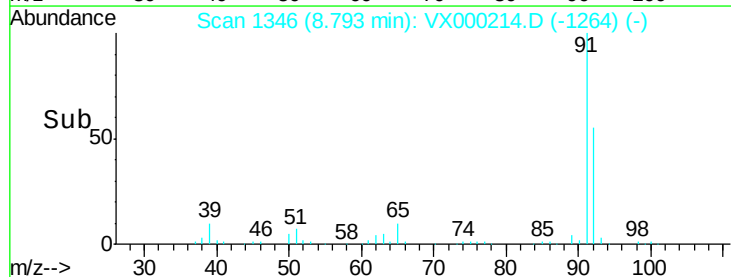
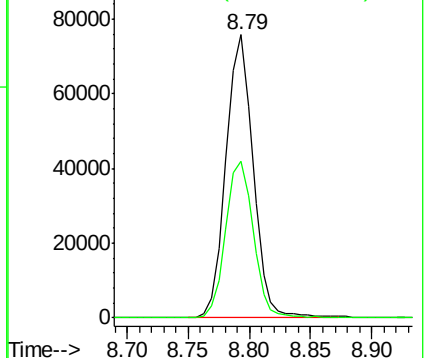
91 100

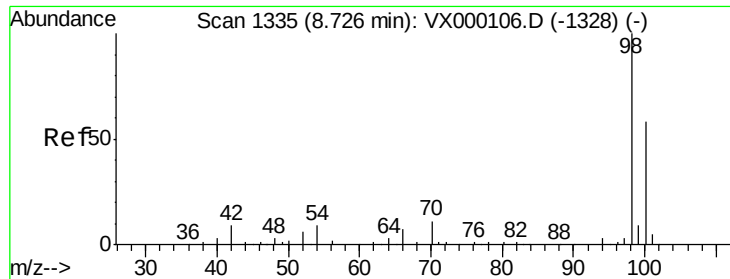
92 56.0 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.098 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 :

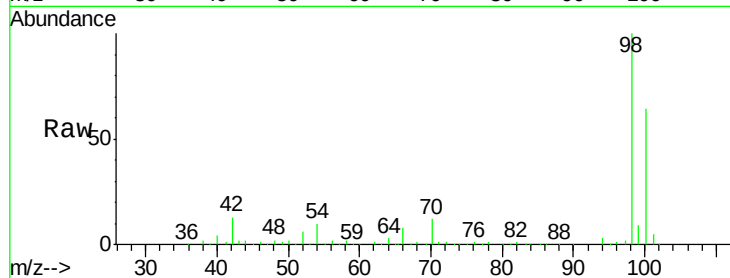
VSTDCCC020

Tot Ion: 98 Resp: 192875

Ion Ratio Lower Upper

98 100

100 61.8 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX000106.D (-1328) (-)

Ion 100.00 (99.70 to 100.70): VX000106.D (-1328) (-)

8.72

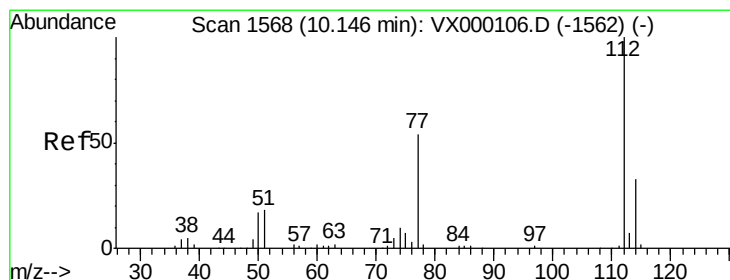
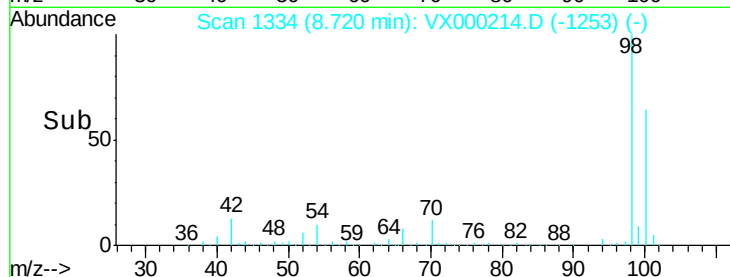
100000

50000

0

8.65 8.70 8.75 8.80 8.85

Time-->



#64

Chlorobenzene

Concen: 16.038 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000214.D

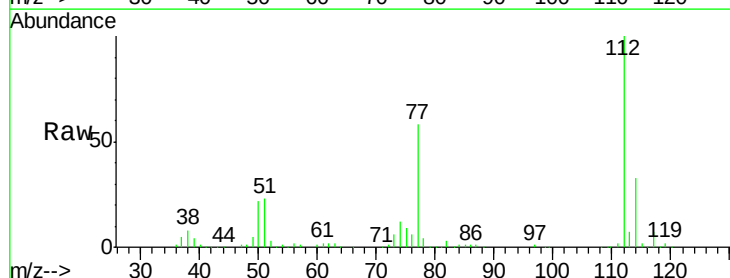
Acq: 08 Mar 2018 09:45

Tgt Ion: 112 Resp: 84358

Ion Ratio Lower Upper

112 100

114 33.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX000106.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX000106.D (-1562) (-)

10.15

60000

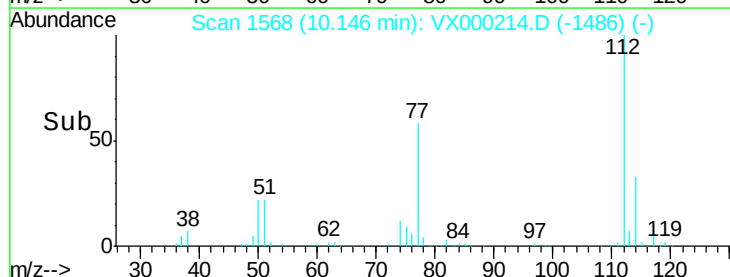
40000

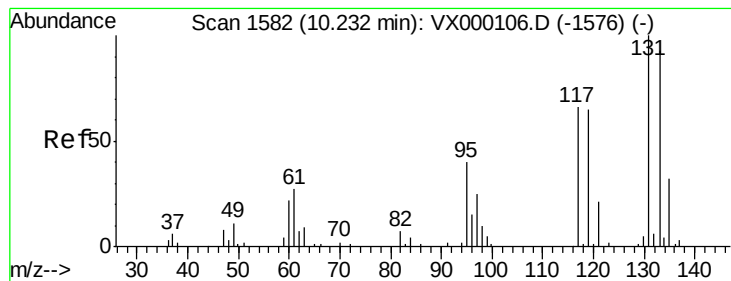
20000

0

10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 16.504 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

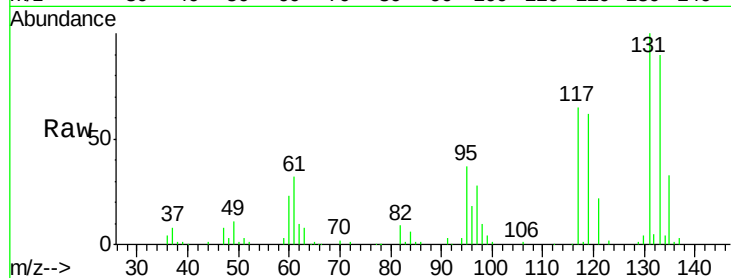
Tot Ion:131 Resp: 30750

Ion Ratio Lower Upper

131 100

133 94.8 0.0 187.6

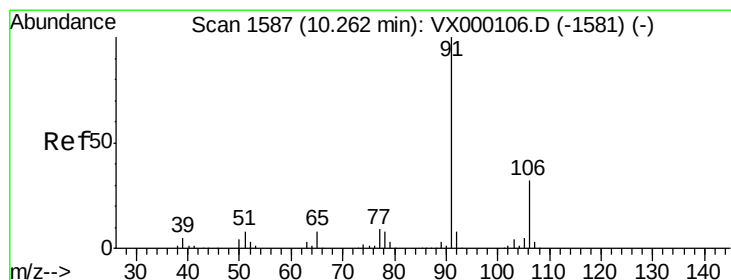
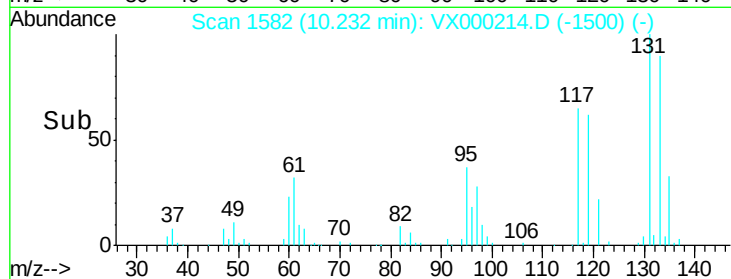
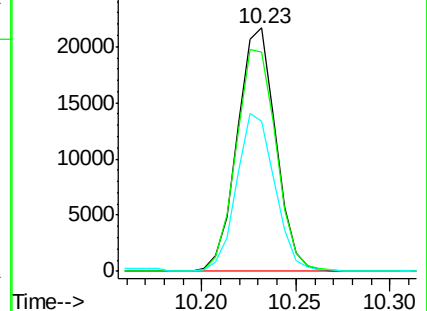
119 64.3 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 15.890 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000214.D

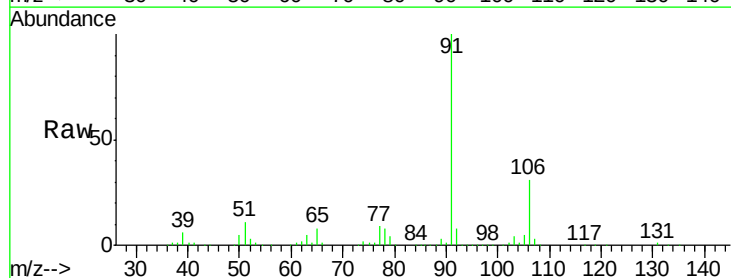
Acq: 08 Mar 2018 09:45

Tgt Ion: 91 Resp: 141183

Ion Ratio Lower Upper

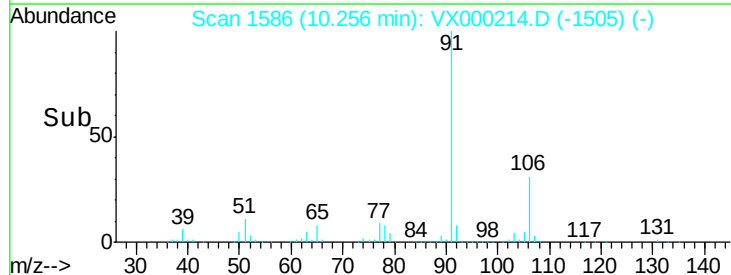
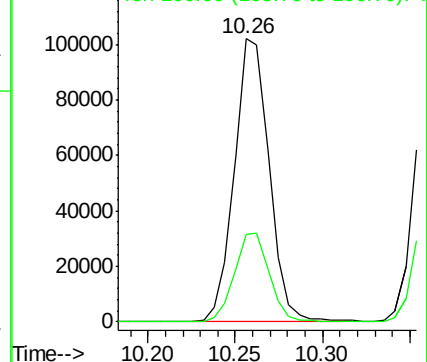
91 100

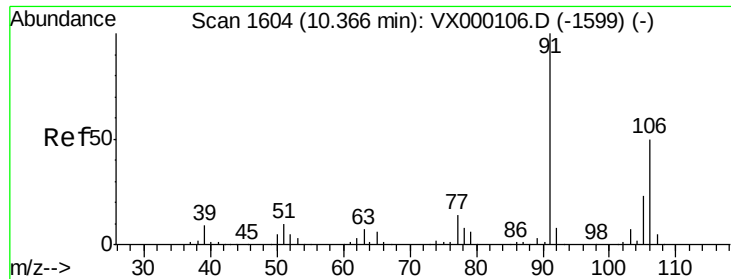
106 30.8 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 31.505 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 :

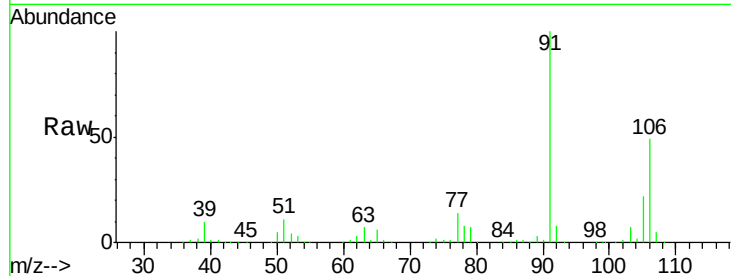
VSTDCCC020

Tot Ion:106 Resp: 109735

Ion Ratio Lower Upper

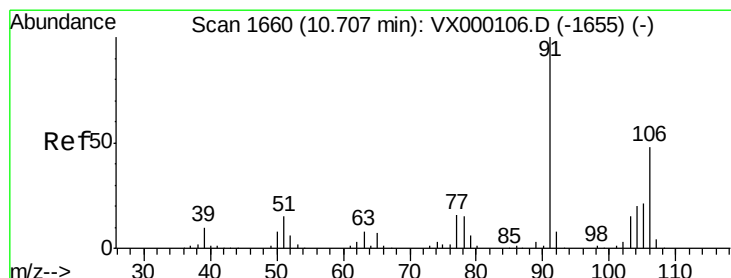
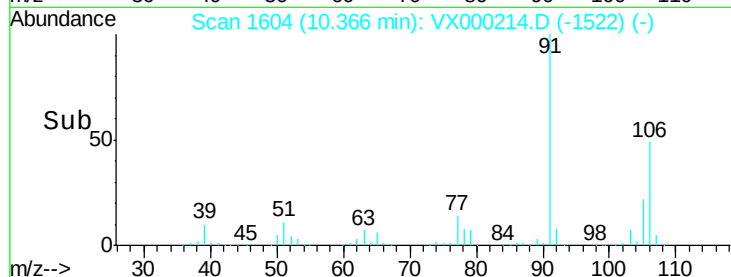
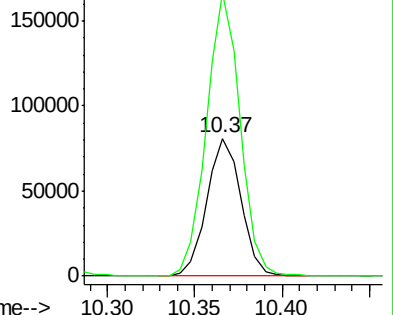
106 100

91 202.8 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 16.169 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000214.D

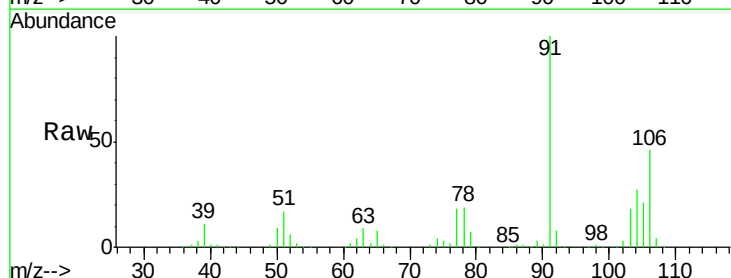
Acq: 08 Mar 2018 09:45

Tgt Ion:106 Resp: 54703

Ion Ratio Lower Upper

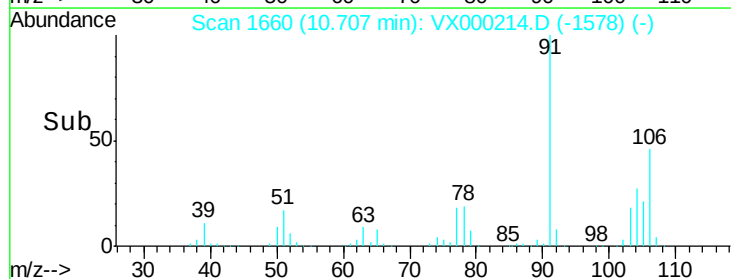
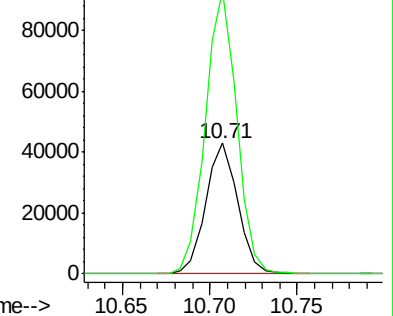
106 100

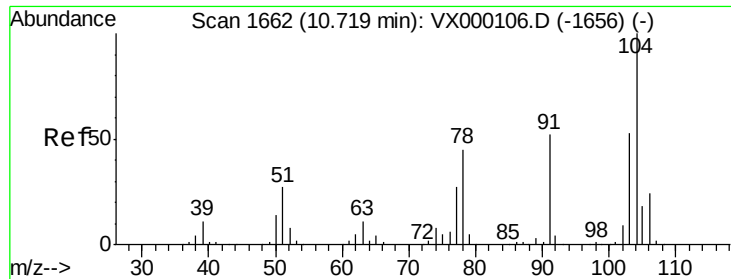
91 212.2 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

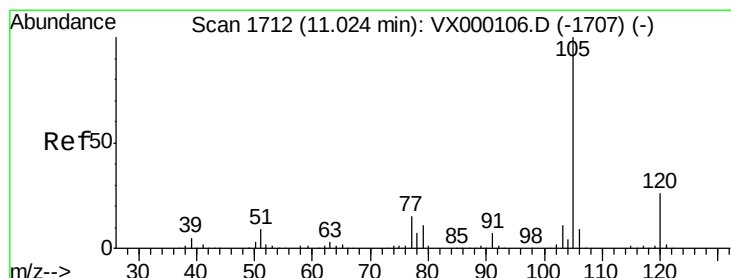
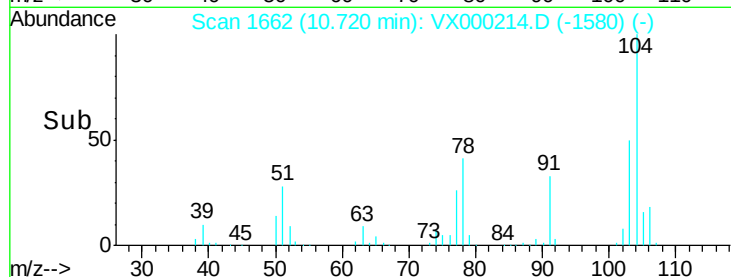
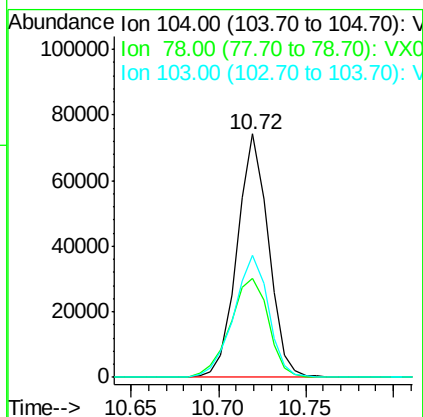
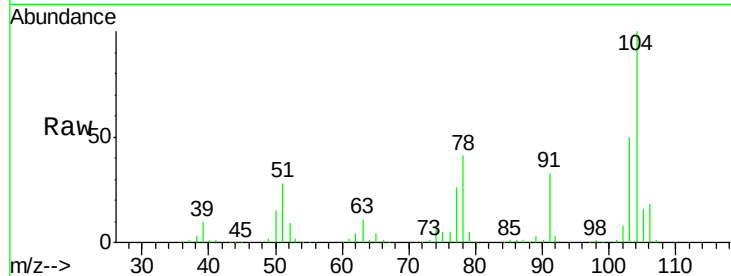




#69
Stvrene
Concen: 16.590 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

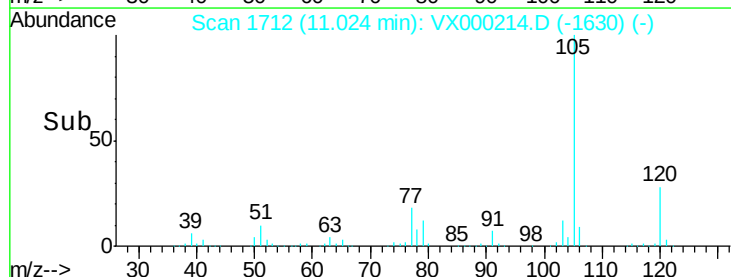
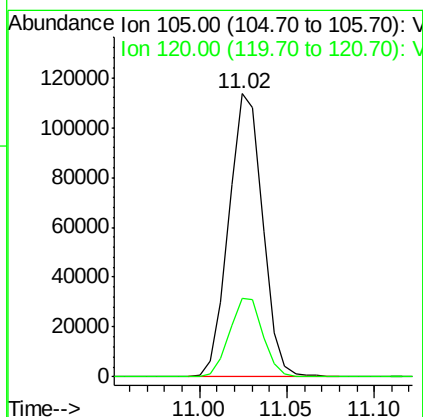
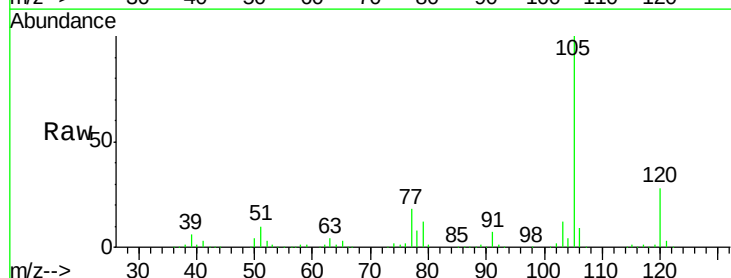
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

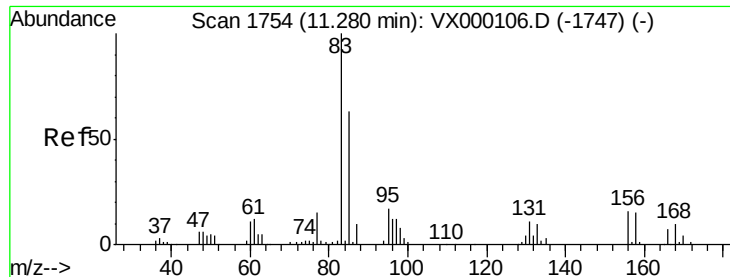
Tot Ion:104 Resp: 92974
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.4
103 55.8 44.7 67.1



#70
Isopropylbenzene
Concen: 16.619 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:105 Resp: 151987
Ion Ratio Lower Upper
105 100
120 27.7 18.8 35.0

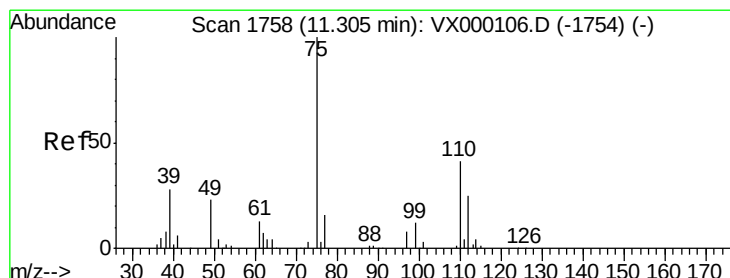
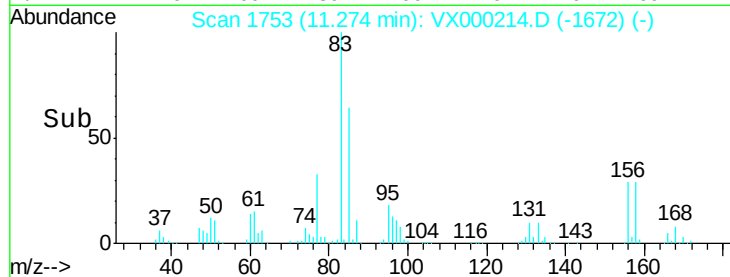
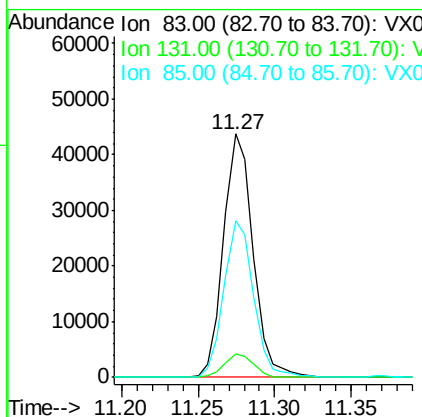
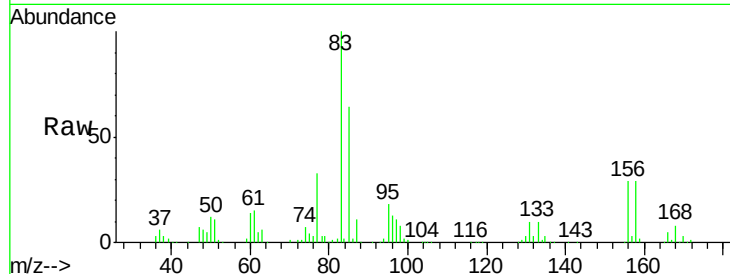




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.692 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

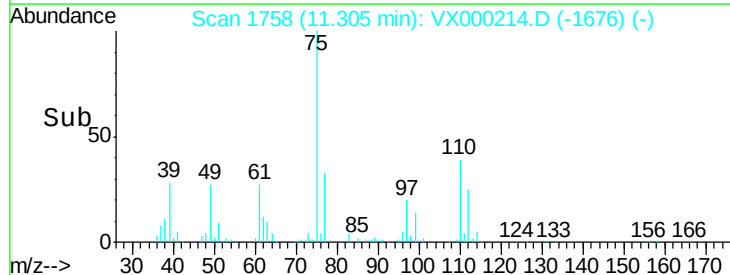
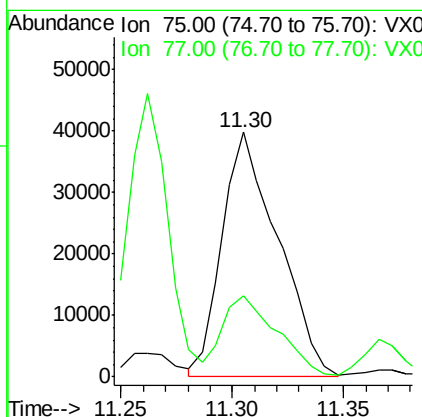
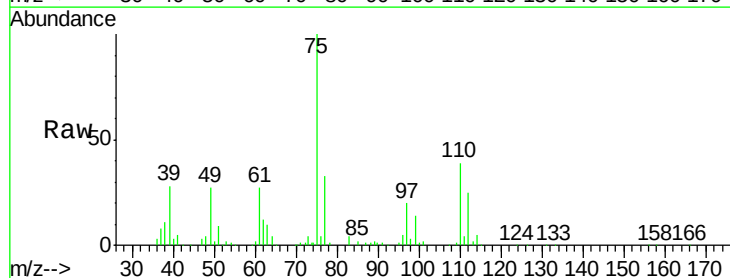
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

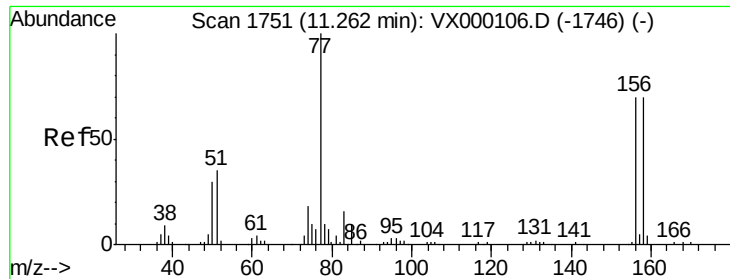
Tot Ion: 83 Resp: 58821
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 24.588 ug/l
 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: 69402
 Ion Ratio Lower Upper
 75 100
 77 32.7 0.0 85.8

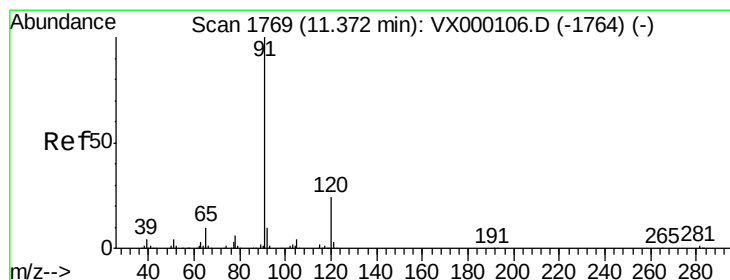
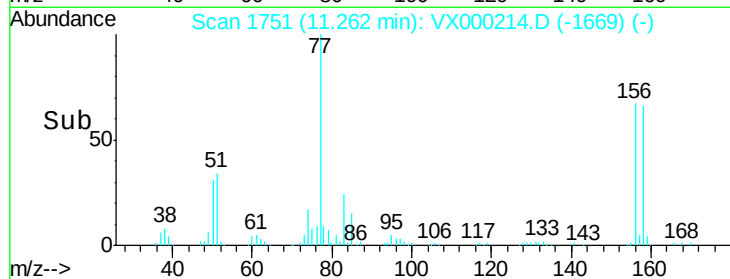
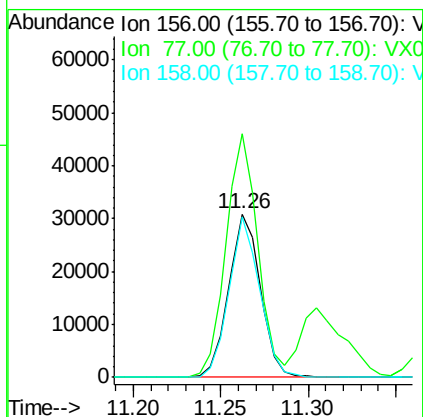
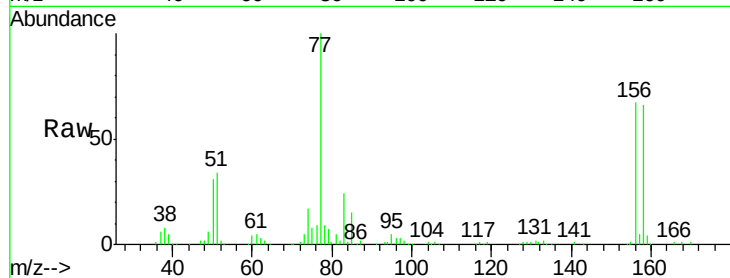




#73
Bromobenzene
Concen: 16.261 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

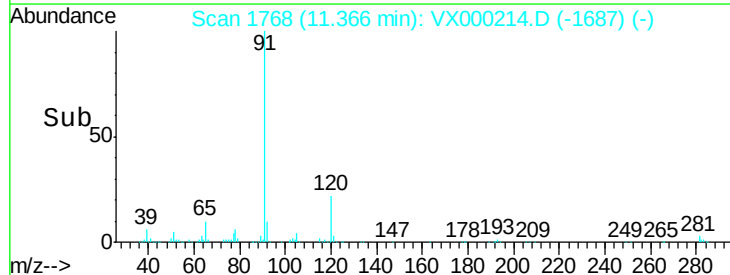
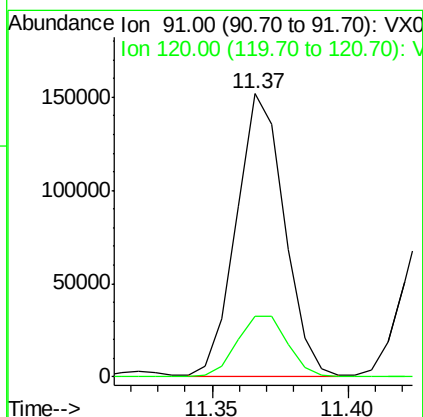
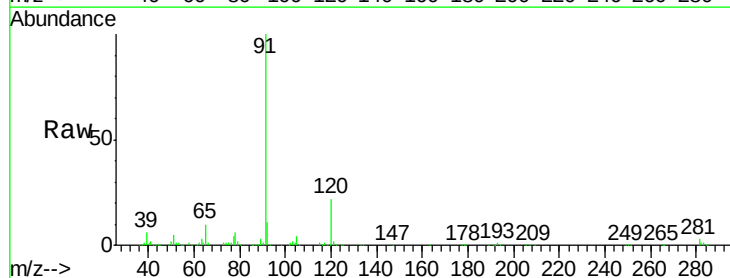
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

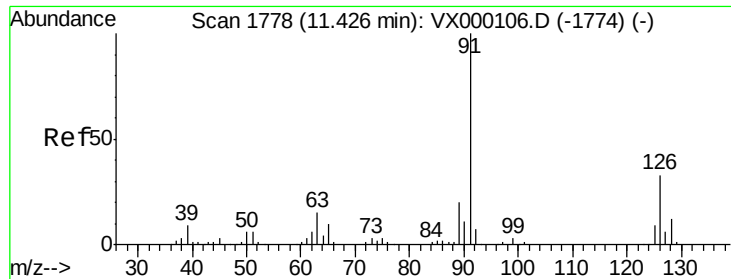
Tot Ion:156 Resp: 38988
Ion Ratio Lower Upper
156 100
77 149.5 0.0 280.2
158 95.3 0.0 197.2



#74
n-propylbenzene
Concen: 17.410 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: 91 Resp: 186629
Ion Ratio Lower Upper
91 100
120 22.8 0.0 47.4





#75

2-Chlorotoluene

Concen: 17.383 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 :

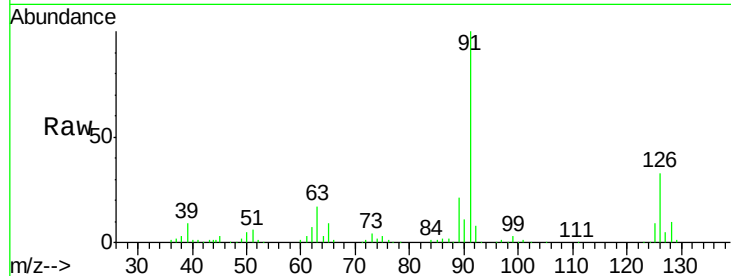
VSTDCCC020

Tot Ion: 91 Resp: 107127

Ion Ratio Lower Upper

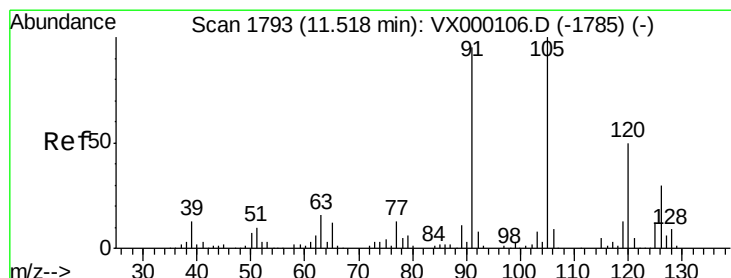
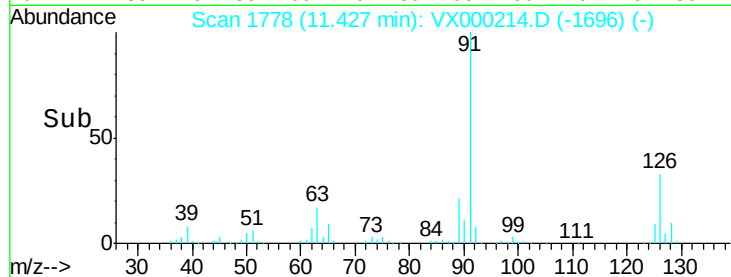
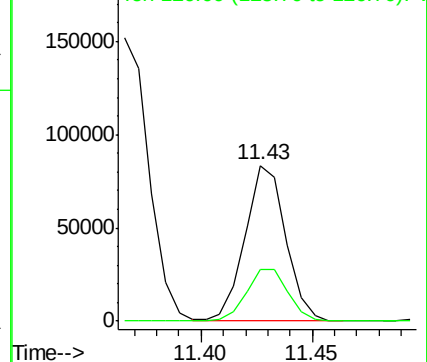
91 100

126 34.3 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 16.959 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000214.D

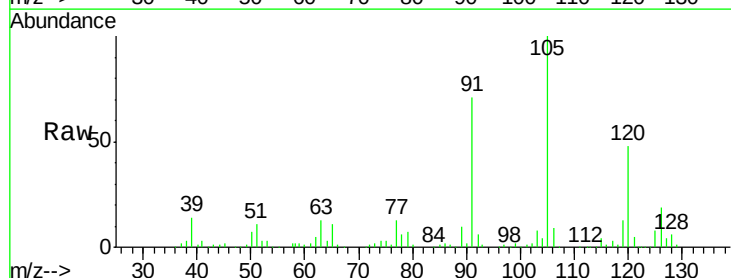
Acq: 08 Mar 2018 09:45

Tgt Ion: 105 Resp: 131439

Ion Ratio Lower Upper

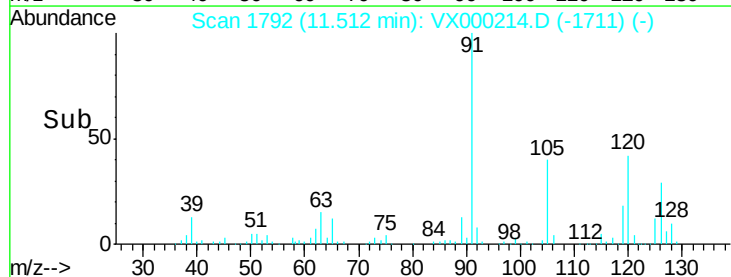
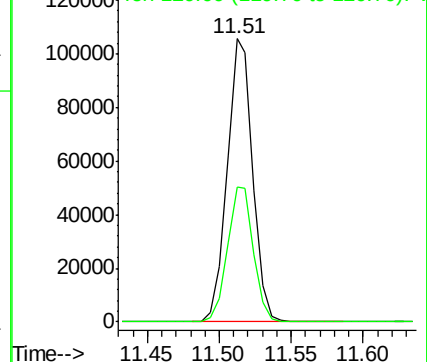
105 100

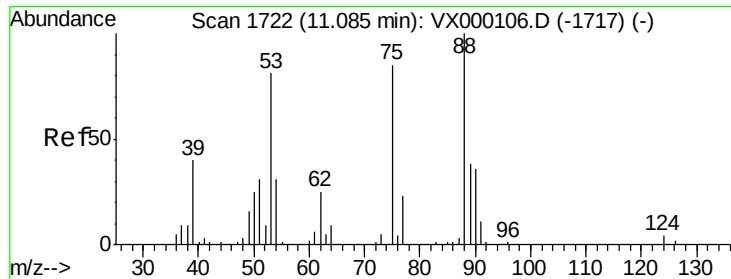
120 48.4 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.641 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

ClientSampleId :

VSTDCCC020

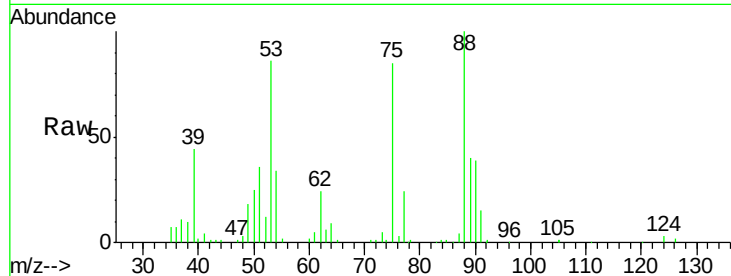
Tot Ion: 75 Resp: 16610

Ion Ratio Lower Upper

75 100

53 99.5 47.8 143.3

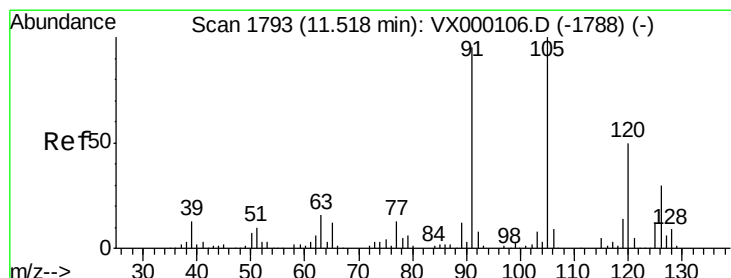
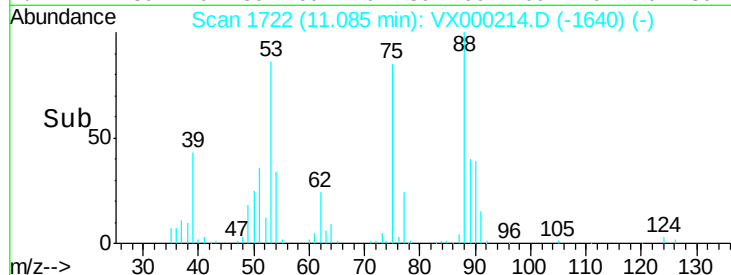
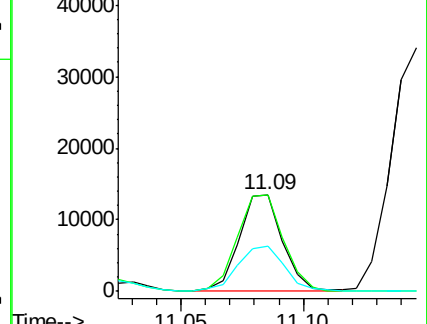
89 47.0 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.496 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000214.D

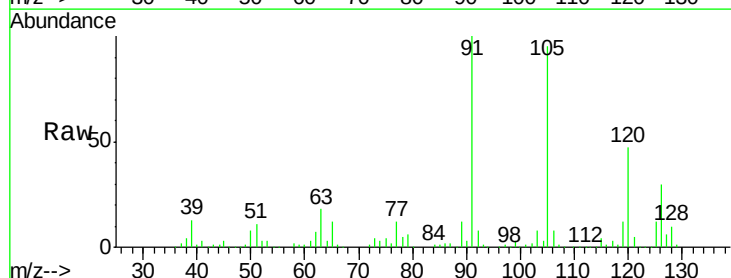
Acq: 08 Mar 2018 09:45

Tgt Ion: 91 Resp: 129179

Ion Ratio Lower Upper

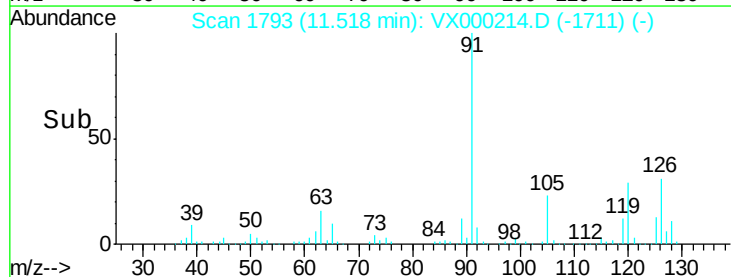
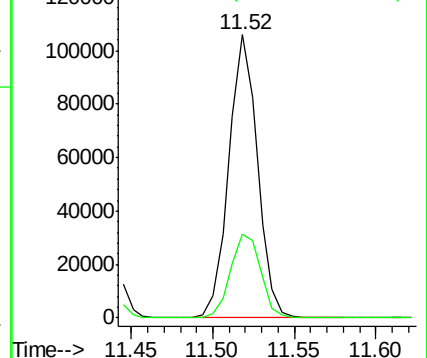
91 100

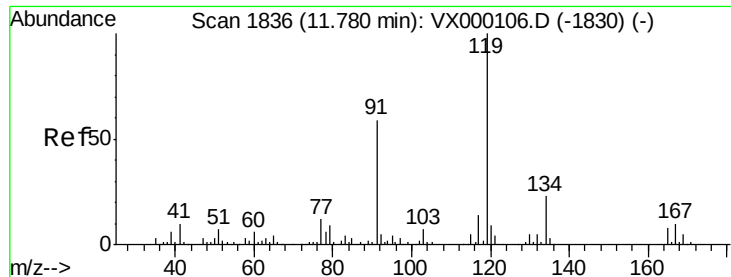
126 30.9 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

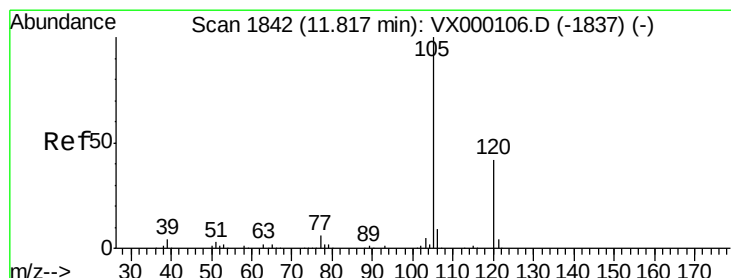
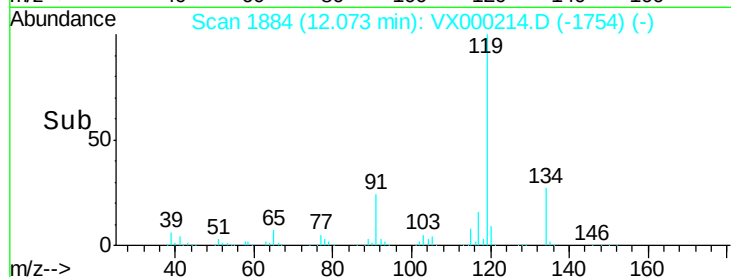
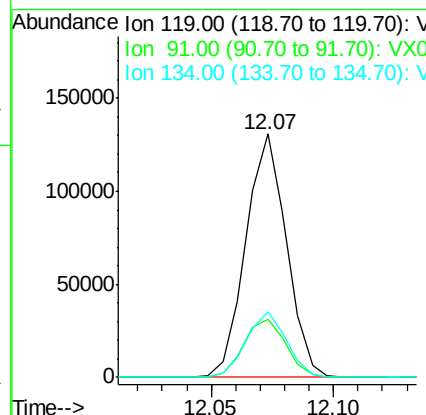
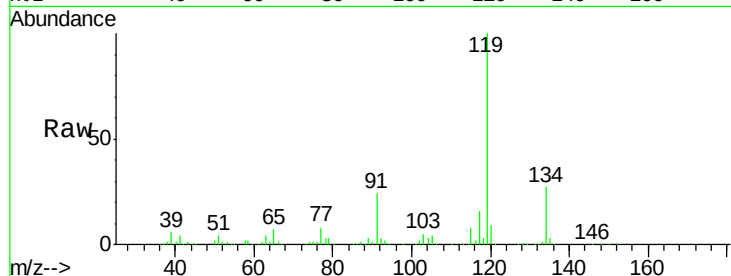




#79
tert-butylbenzene
Concen: 19.372 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

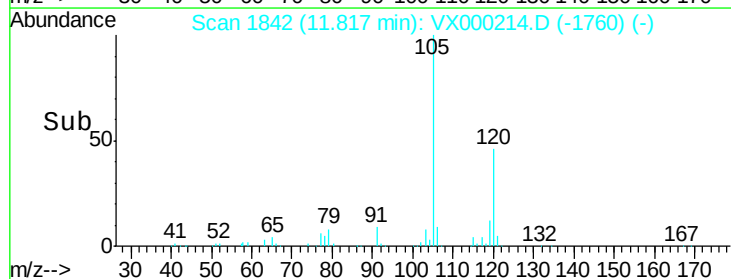
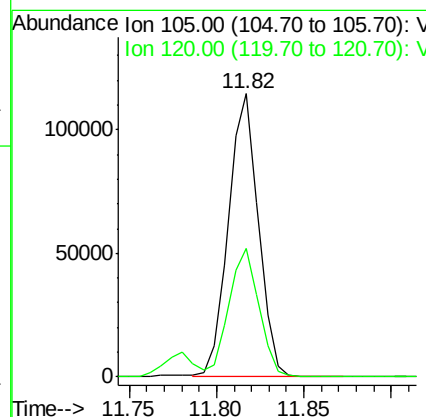
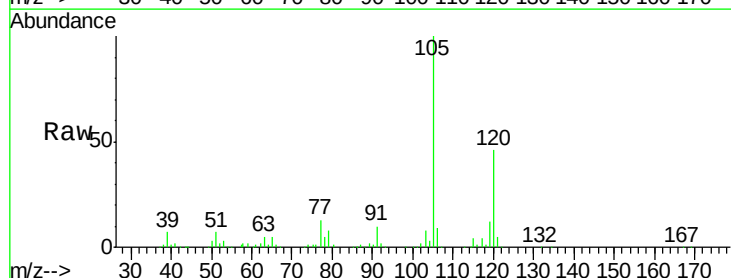
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

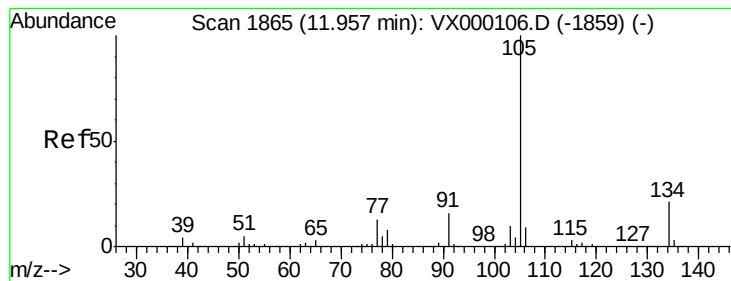
Tot Ion:119 Resp: 149435
Ion Ratio Lower Upper
119 100
91 25.2 0.0 51.6
134 26.9 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 17.283 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:105 Resp: 136638
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.0





#81

sec-Butylbenzene

Concen: 18.059 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 :

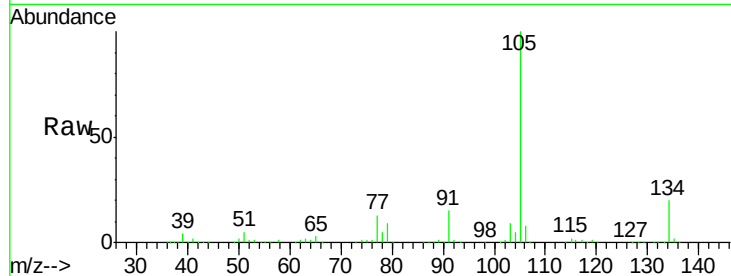
VSTDCCC020

Tot Ion:105 Resp: 172213

Ion Ratio Lower Upper

105 100

134 19.6 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

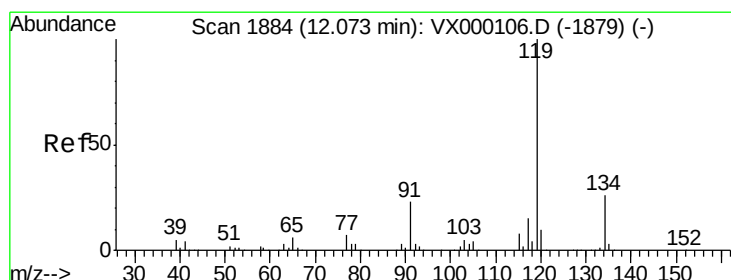
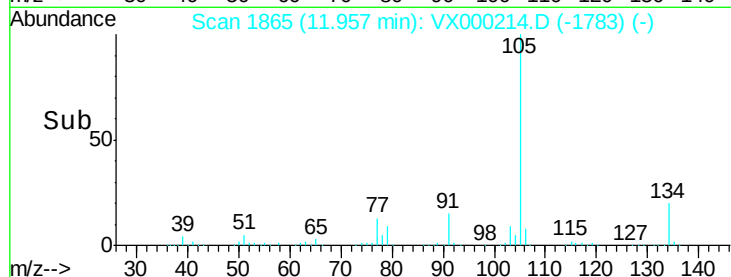
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.566 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

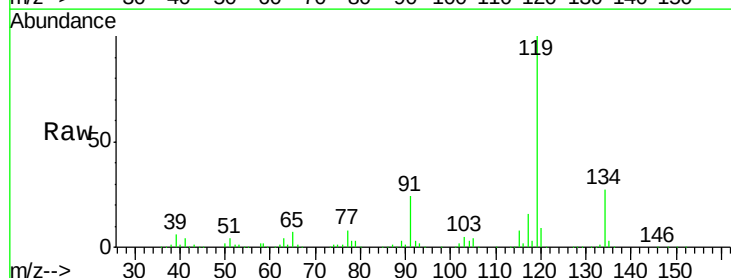
Tgt Ion:119 Resp: 149435

Ion Ratio Lower Upper

119 100

134 26.9 0.0 54.4

91 25.2 0.0 46.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

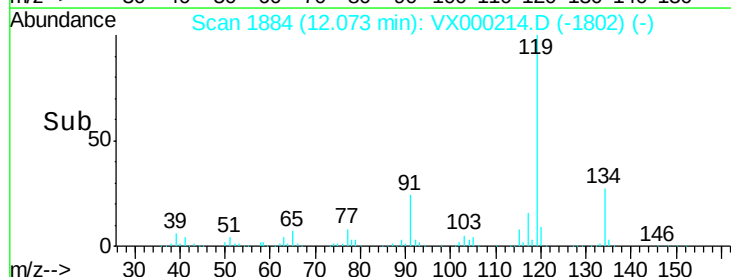
150000

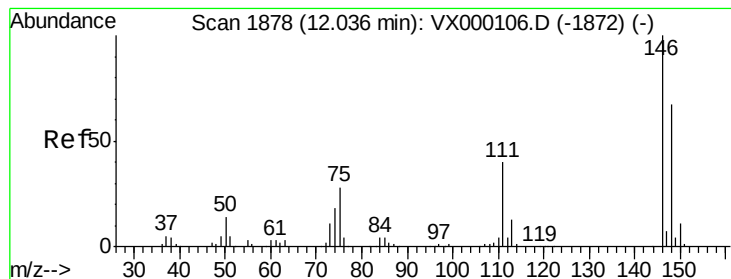
100000

50000

0

Time-->





#83

1,3-Dichlorobenzene

Concen: 17.739 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

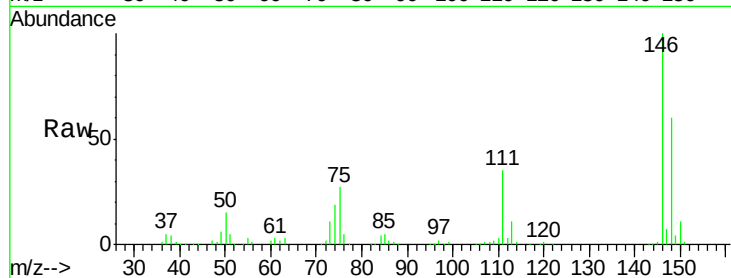
Tot Ion:146 Resp: 80974

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

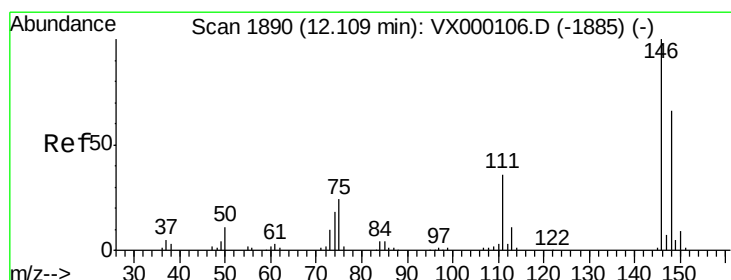
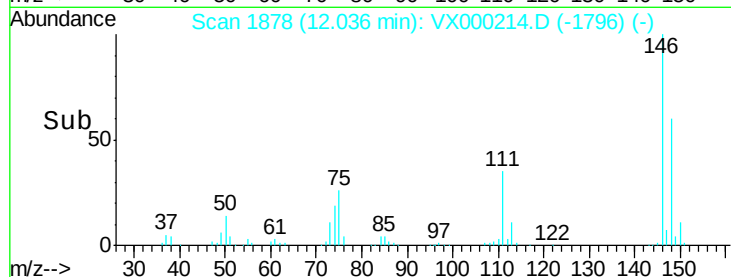
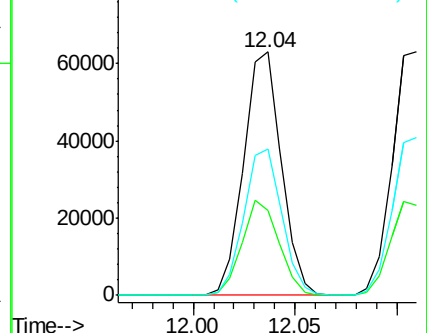
148 60.9 32.6 97.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 16.868 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

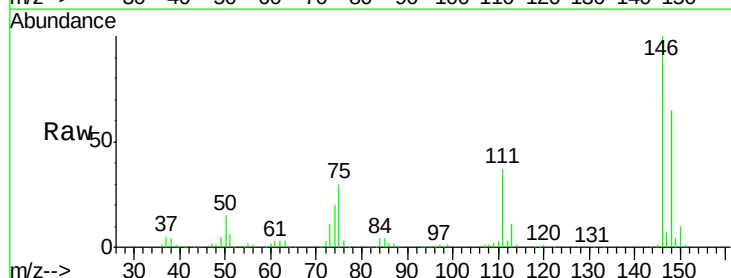
Tgt Ion:146 Resp: 80250

Ion Ratio Lower Upper

146 100

111 39.3 18.4 55.0

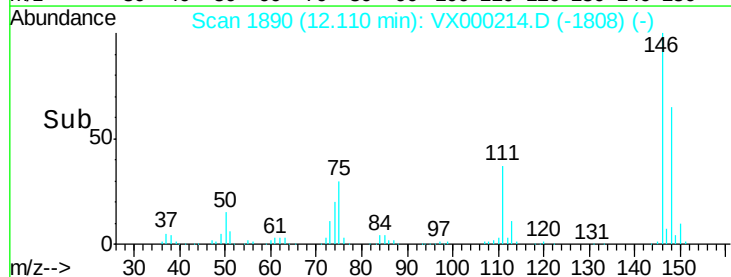
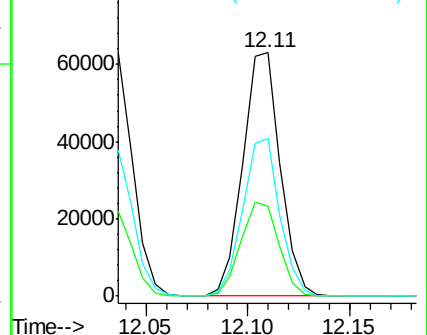
148 64.0 31.9 95.7

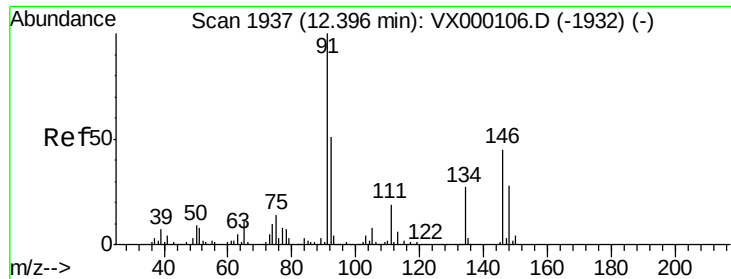


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.694 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

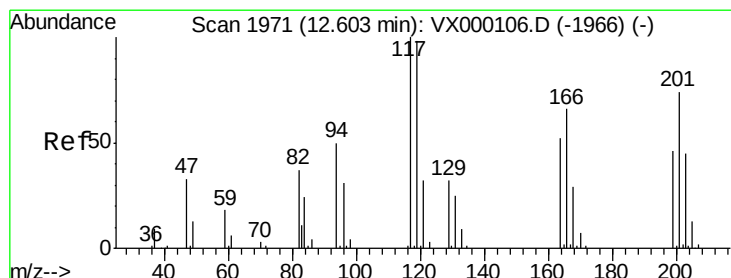
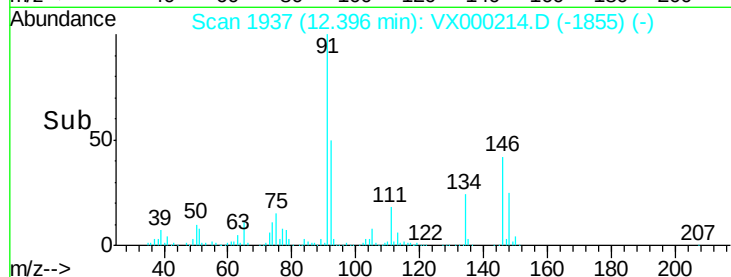
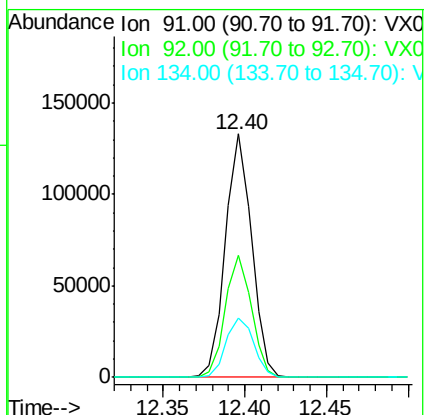
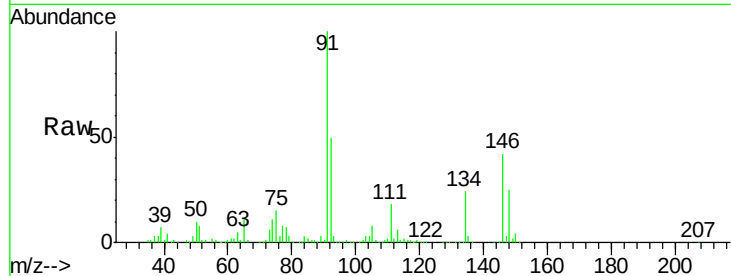
Tot Ion: 91 Resp: 149155

Ion Ratio Lower Upper

91 100

92 49.9 0.0 102.0

134 25.8 0.0 54.2



#86

Hexachloroethane

Concen: 16.236 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000214.D

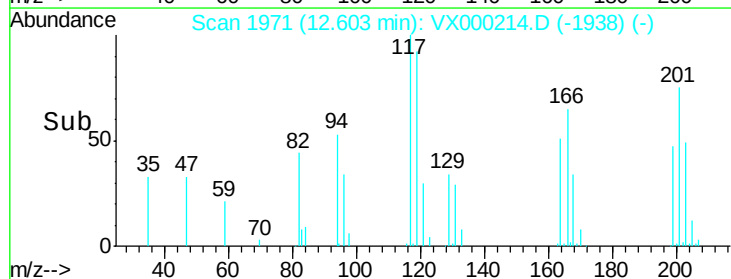
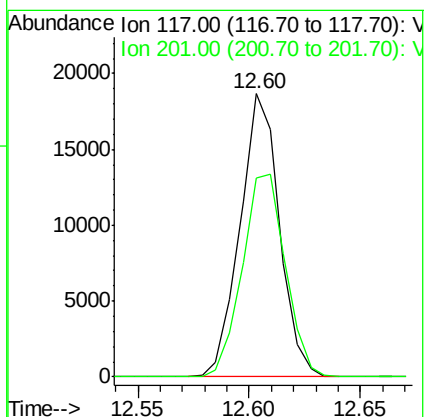
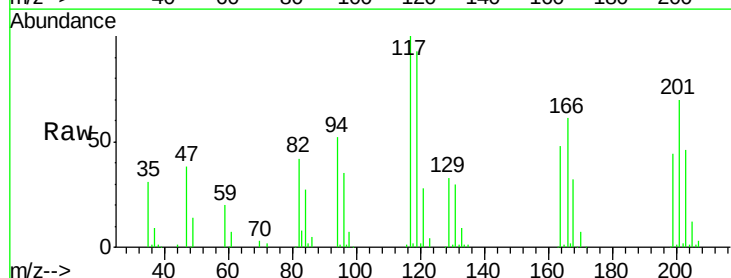
Acq: 08 Mar 2018 09:45

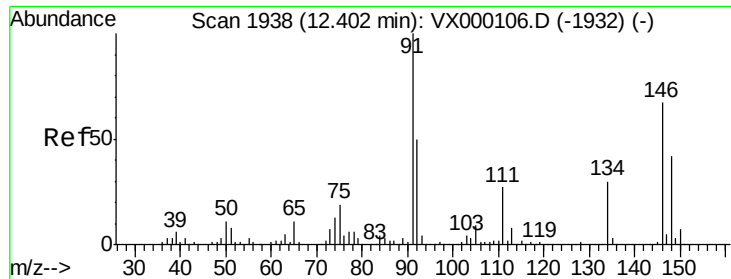
Tgt Ion: 117 Resp: 23072

Ion Ratio Lower Upper

117 100

201 78.3 38.9 116.6

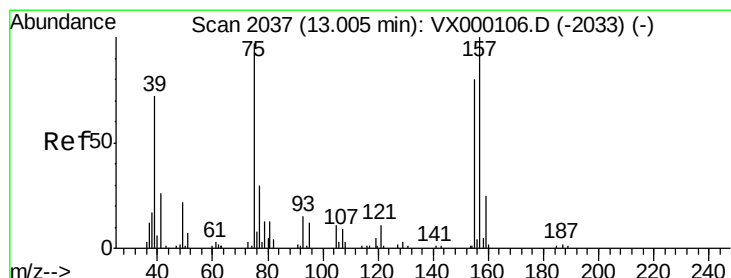
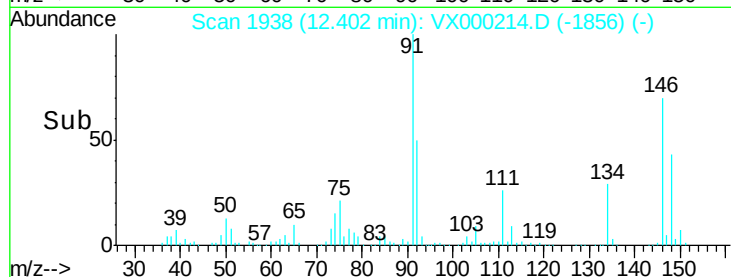
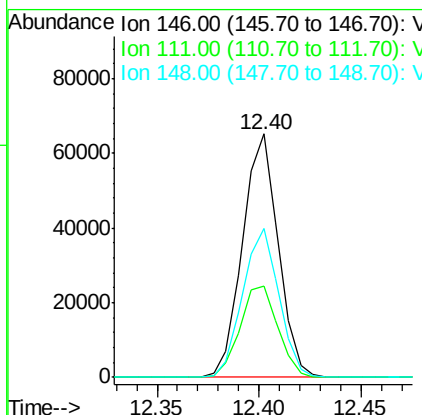
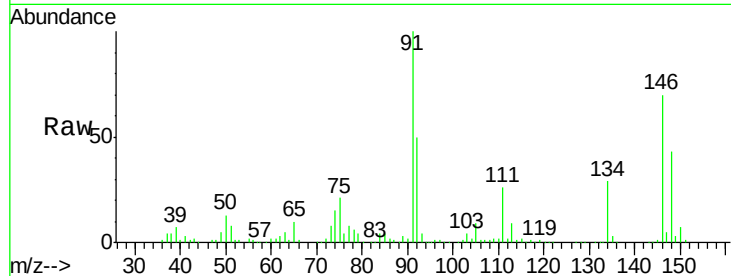




#87
 1,2-Dichlorobenzene
 Concen: 17.555 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000214.D
 Acq: 08 Mar 2018 09:45

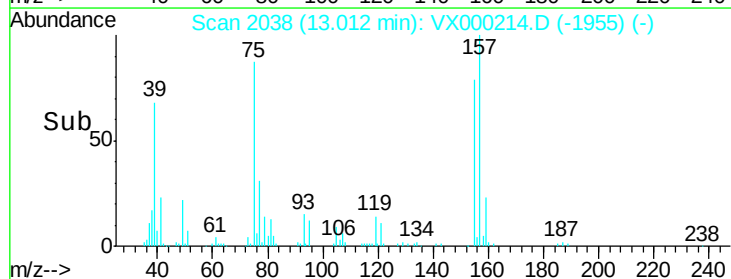
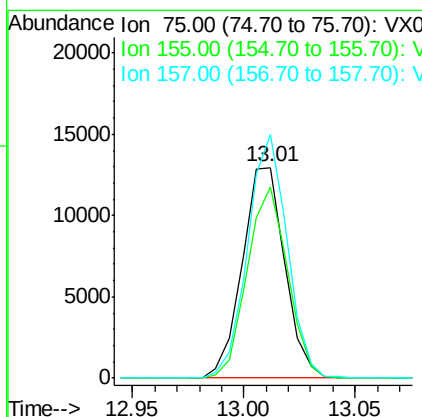
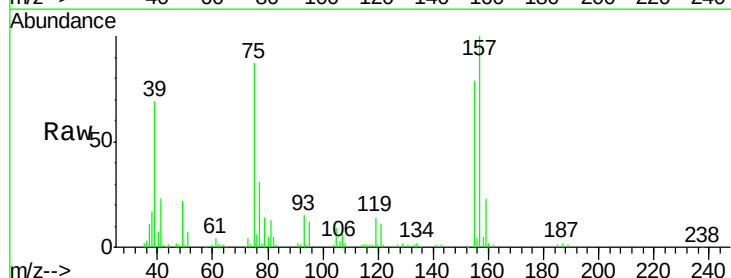
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

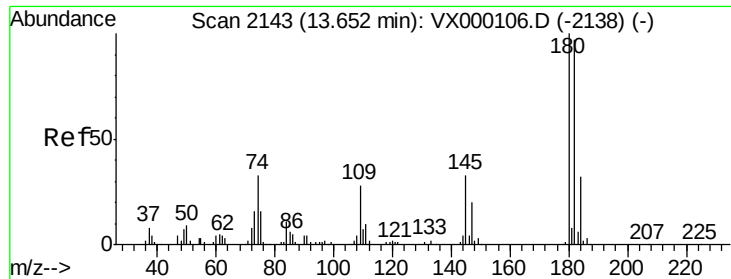
Tot Ion:146 Resp: 79410
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 62.2 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.679 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: 75 Resp: 17316
 Ion Ratio Lower Upper
 75 100
 155 85.8 75.1 112.7
 157 107.1 99.0 148.4

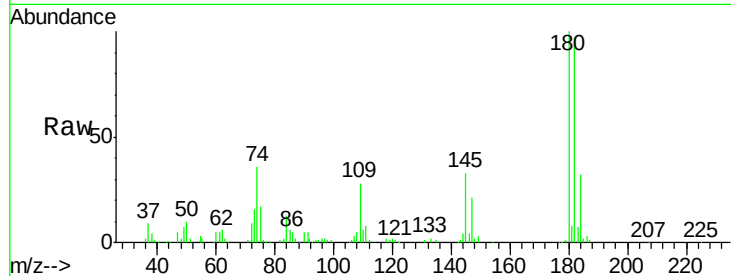




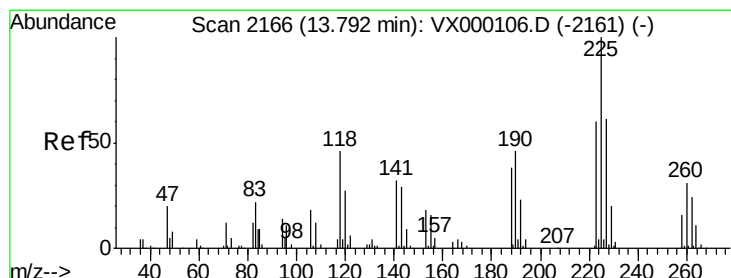
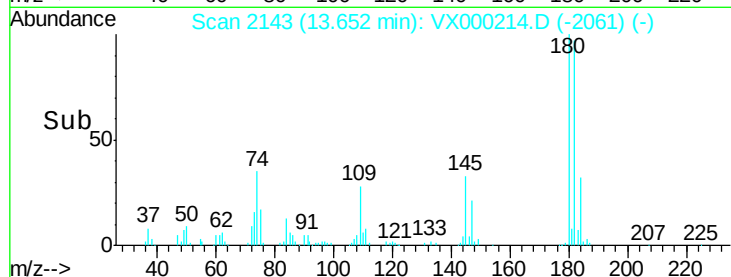
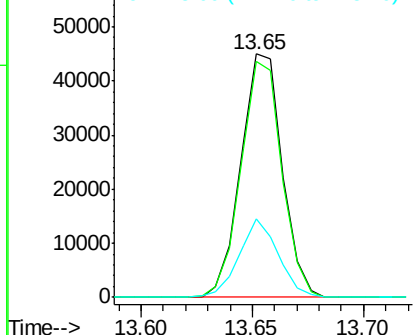
#89
1,2,4-Trichlorobenzene
Concen: 17.590 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:180 Resp: 58438
Ion Ratio Lower Upper
180 100
182 96.0 76.3 114.5
145 30.5 24.6 37.0

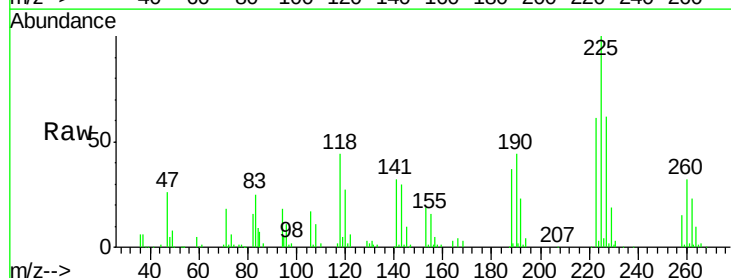


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

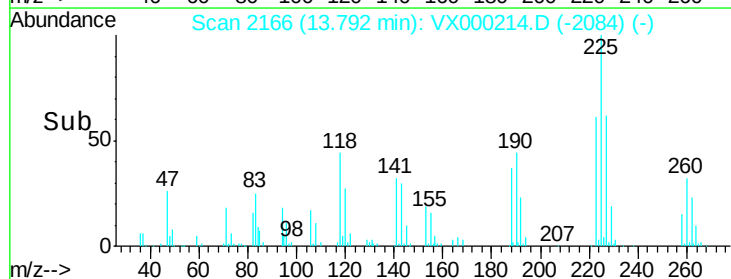
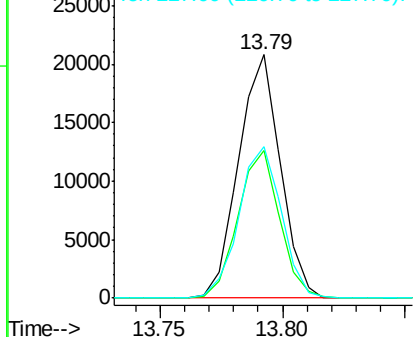


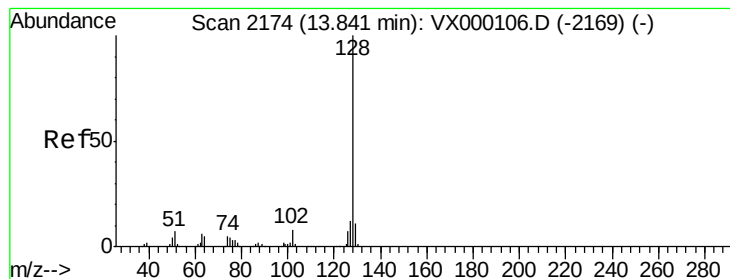
#90
Hexachlorobutadiene
Concen: 17.275 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000214.D
Acq: 08 Mar 2018 09:45

Tgt Ion:225 Resp: 24727
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: 17.728 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

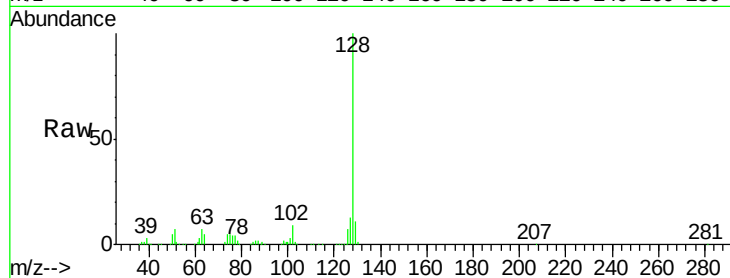
Tot Ion:128 Resp: 205818

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

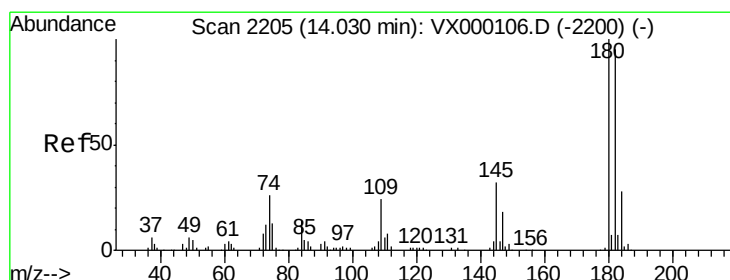
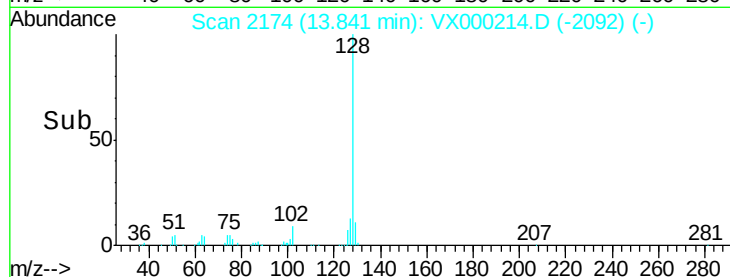
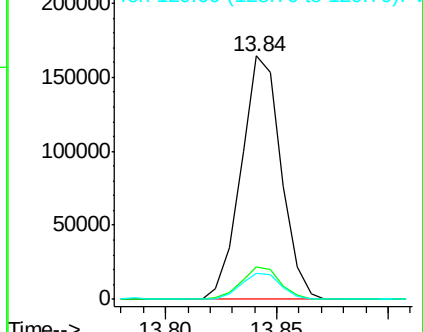
129 10.9 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.489 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000214.D

Acq: 08 Mar 2018 09:45

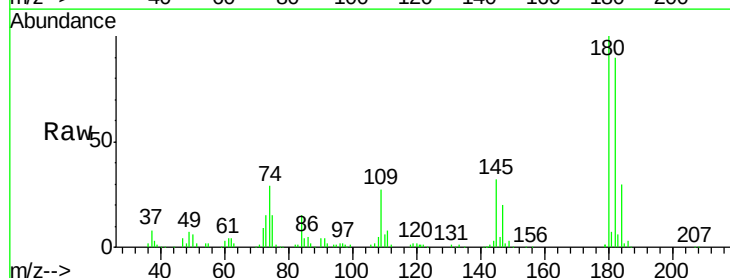
Tgt Ion:180 Resp: 58414

Ion Ratio Lower Upper

180 100

182 94.2 0.0 188.6

145 31.4 0.0 65.8



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

